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

DATA PACKAGE

VOLATILE ORGANICS

PROJECT NAME : NWIRP BETHPAGE 112G08005-WE13

TETRA TECH NUS, INC.

661 Andersen Drive

Suite 200

Pittsburgh, PA - 15220-2745

Phone No: 412-921-7090

ORDER ID : Q3246

ATTENTION : Ernie Wu

Laboratory Certification ID # 20012

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Cover Page

Order ID : Q3246

Project ID : NWIRP Bethpage 112G08005-WE13

Client : Tetra Tech NUS, Inc.

Lab Sample Number	Client Sample Number
Q3246-01	BP-VPB-184-TB-20250925
Q3246-02	BP-VPB-184-GW-460-462
Q3246-03	BP-VPB-184-GW-480-482
Q3246-04	BP-VPB-184-GW-500-502
Q3246-05	BP-VPB-184-DUP-20250925
Q3246-06	BP-VPB-184-GW-520-522
Q3246-07	BP-VPB-184-GW-540-542

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: 10/7/2025

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 # Q3246
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
7 Water samples were received on 09/29/2025.

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 File ID VX047953.D met the requirements except for Acetone is failing marginally low while Bromomethane is failing high but no positive hit in associate sample therefore no corrective action taken.

The Tuning criteria met requirements.

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

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The Sample #BP-VPB-184-DUP-20250925 have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

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

The not QT review data is reported in the Miscellaneous.

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

GC/MS VOA CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q3246 MATRIX: Water

METHOD: 8260D

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)			✓
2.	GC/MS Tuning Specifications BFB Meet Criteria (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ)			✓
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 Series.			✓
4.	GC/MS Calibration - Initial Calibration performed before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series.			✓
5.	GC/MS Calibration Requirements. The Initial Calibration met the requirements. The Continuous Calibration File ID VX047953.D met the requirements except for Acetone is failing marginally low while Bromomethane is failing high but no positive hit in associate sample therefore no corrective action taken.			✓
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
7.	Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			✓
8.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range.			✓
9.	Internal Standard Area/Retention Time Shift Meet Criteria Comments:			✓
10.	Analysis Holding Time Met If not met, list number of days exceeded for each sample:			✓

ADDITIONAL COMMENTS:

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

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

NA NO YES

The Sample #BP-VPB-184-DUP-20250925 have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

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

The not QT review data is reported in the Miscellaneous.

_____ _____

QA REVIEW Date

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3246

	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:** 10/07/2025

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LAB CHRONICLE

OrderID:	Q3246	**OrderDate:**	9/29/2025 4:03:00 PM
Client:	Tetra Tech NUS, Inc.	**Project:**	NWIRP Bethpage 112G08005-WE13
Contact:	Ernie Wu	**Location:**	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3246-01	**BP-VPB-184-TB-20250925**	**Water**			**09/25/25**			**09/29/25**
			VOC-TCLVOA-10	8260-Low			10/02/25	
Q3246-02	**BP-VPB-184-GW-460-462**	**Water**			**09/25/25**			**09/29/25**
			VOC-TCLVOA-10	8260-Low			10/02/25	
Q3246-03	**BP-VPB-184-GW-480-482**	**Water**			**09/25/25**			**09/29/25**
			VOC-TCLVOA-10	8260-Low			10/02/25	
Q3246-04	**BP-VPB-184-GW-500-502**	**Water**			**09/25/25**			**09/29/25**
			VOC-TCLVOA-10	8260-Low			10/02/25	
Q3246-05	**BP-VPB-184-DUP-20250925**	**Water**			**09/25/25**			**09/29/25**
			VOC-TCLVOA-10	8260-Low			10/02/25	
Q3246-06	**BP-VPB-184-GW-520-522**	**Water**			**09/29/25**			**09/29/25**
			VOC-TCLVOA-10	8260-Low			10/02/25	
Q3246-07	**BP-VPB-184-GW-540-542**	**Water**			**09/29/25**			**09/29/25**
			VOC-TCLVOA-10	8260-Low			10/02/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3246

Client: Tetra Tech NUS, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:	**BP-VPB-184-GW-460-462**								
Q3246-02	BP-VPB-184-GW-4	Water	Acetone	5.00		1.50	3.80	5.00	ug/L
			Total Voc :	5.00					
			Total Concentration:	5.00					
Client ID:	**BP-VPB-184-GW-480-482**								
Q3246-03	BP-VPB-184-GW-4	Water	Chloromethane	0.32	J	0.32	0.50	1.00	ug/L
Q3246-03	BP-VPB-184-GW-4	Water	Acetone	4.00	J	1.50	3.80	5.00	ug/L
Q3246-03	BP-VPB-184-GW-4	Water	Carbon Disulfide	0.57	J	0.21	0.75	1.00	ug/L
			Total Voc :	4.89					
			Total Concentration:	4.89					
Client ID:	**BP-VPB-184-GW-500-502**								
Q3246-04	BP-VPB-184-GW-5	Water	Chloromethane	0.67	J	0.32	0.50	1.00	ug/L
Q3246-04	BP-VPB-184-GW-5	Water	Acetone	10.8		1.50	3.80	5.00	ug/L
Q3246-04	BP-VPB-184-GW-5	Water	2-Butanone	2.20	J	0.98	2.50	5.00	ug/L
			Total Voc :	13.7					
			Total Concentration:	13.7					
Client ID:	**BP-VPB-184-DUP-20250925**								
Q3246-05	BP-VPB-184-DUP-	Water	Acetone	4.10	J	1.50	3.80	5.00	ug/L
			Total Voc :	4.10					
			Total Concentration:	4.10					
Client ID:	**BP-VPB-184-GW-520-522**								
Q3246-06	BP-VPB-184-GW-5	Water	Acetone	4.90	J	1.50	3.80	5.00	ug/L
			Total Voc :	4.90					
			Total Concentration:	4.90					
Client ID:	**BP-VPB-184-GW-540-542**								
Q3246-07	BP-VPB-184-GW-5	Water	Chloromethane	0.47	J	0.32	0.50	1.00	ug/L
Q3246-07	BP-VPB-184-GW-5	Water	Acetone	7.30		1.50	3.80	5.00	ug/L
Q3246-07	BP-VPB-184-GW-5	Water	Methyl tert-butyl Ether	3.70		0.16	0.50	1.00	ug/L
			Total Voc :	11.5					
			Total Concentration:	11.5					

QC SUMMARY

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

SDG No.: Q3246

Client: Tetra Tech NUS, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	High
Q3246-01	BP-VPB-184-TB-20250925	1,2-Dichloroethane-d4	50	49.9	100		81	118
		Dibromofluoromethane	50	48.8	98		80	119
		Toluene-d8	50	49.2	98		89	112
		4-Bromofluorobenzene	50	54.8	110		85	114
Q3246-02	BP-VPB-184-GW-460-462	1,2-Dichloroethane-d4	50	47.1	94		81	118
		Dibromofluoromethane	50	47.7	95		80	119
		Toluene-d8	50	47.4	95		89	112
		4-Bromofluorobenzene	50	51.6	103		85	114
Q3246-03	BP-VPB-184-GW-480-482	1,2-Dichloroethane-d4	50	50.8	102		81	118
		Dibromofluoromethane	50	48.5	97		80	119
		Toluene-d8	50	48.3	97		89	112
		4-Bromofluorobenzene	50	55.2	110		85	114
Q3246-04	BP-VPB-184-GW-500-502	1,2-Dichloroethane-d4	50	54.7	109		81	118
		Dibromofluoromethane	50	50.2	100		80	119
		Toluene-d8	50	49.1	98		89	112
		4-Bromofluorobenzene	50	56.6	113		85	114
Q3246-05	BP-VPB-184-DUP-20250925	1,2-Dichloroethane-d4	50	54.8	110		81	118
		Dibromofluoromethane	50	49.7	99		80	119
		Toluene-d8	50	49.2	98		89	112
		4-Bromofluorobenzene	50	56.4	113		85	114
Q3246-06	BP-VPB-184-GW-520-522	1,2-Dichloroethane-d4	50	53.8	108		81	118
		Dibromofluoromethane	50	49.5	99		80	119
		Toluene-d8	50	48.7	97		89	112
		4-Bromofluorobenzene	50	56.3	113		85	114
Q3246-07	BP-VPB-184-GW-540-542	1,2-Dichloroethane-d4	50	53.2	106		81	118
		Dibromofluoromethane	50	48.8	98		80	119
		Toluene-d8	50	48.4	97		89	112
		4-Bromofluorobenzene	50	55.0	110		85	114
VX1002WBL01	VX1002WBL01	1,2-Dichloroethane-d4	50	53.9	108		81	118
		Dibromofluoromethane	50	50.6	101		80	119
		Toluene-d8	50	48.8	98		89	112
		4-Bromofluorobenzene	50	56.7	113		85	114
VX1002WBS01	VX1002WBS01	1,2-Dichloroethane-d4	50	46.4	93		81	118
		Dibromofluoromethane	50	51.8	104		80	119
		Toluene-d8	50	52.5	105		89	112
		4-Bromofluorobenzene	50	52.0	104		85	114
VX1002WBSD0	VX1002WBSD01	1,2-Dichloroethane-d4	50	46.8	94		81	118
		Dibromofluoromethane	50	52.2	104		80	119
		Toluene-d8	50	51.8	104		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.:	**Q3246**	**Analytical Method:**	**SW8260-Low**
Client:	**Tetra Tech NUS, Inc.**	**Datafile :**	VX047956.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1002WBS01	Dichlorodifluoromethane	20	19.3	ug/L	97			32	152	
	Chloromethane	20	15.7	ug/L	79			50	139	
	Vinyl chloride	20	17.6	ug/L	88			58	137	
	Bromomethane	20	19.0	ug/L	95			53	141	
	Chloroethane	20	17.5	ug/L	88			60	138	
	Trichlorofluoromethane	20	19.0	ug/L	95			65	141	
	1,1,2-Trichlorotrifluoroethane	20	19.8	ug/L	99			70	136	
	1,1-Dichloroethene	20	17.4	ug/L	87			71	131	
	Acetone	100	70.9	ug/L	71			39	160	
	Carbon disulfide	20	16.2	ug/L	81			64	133	
	Methyl tert-butyl Ether	20	15.7	ug/L	79			71	124	
	Methyl Acetate	20	15.5	ug/L	78			56	136	
	Methylene Chloride	20	16.8	ug/L	84			74	124	
	trans-1,2-Dichloroethene	20	17.3	ug/L	86			75	124	
	1,1-Dichloroethane	20	17.4	ug/L	87			77	125	
	Cyclohexane	20	17.6	ug/L	88			71	130	
	2-Butanone	100	69.4	ug/L	69			56	143	
	Carbon Tetrachloride	20	18.8	ug/L	94			72	136	
	cis-1,2-Dichloroethene	20	16.9	ug/L	85			78	123	
	Bromochloromethane	20	19.6	ug/L	98			78	123	
	Chloroform	20	18.1	ug/L	91			79	124	
	1,1,1-Trichloroethane	20	18.1	ug/L	91			74	131	
	Methylcyclohexane	20	18.2	ug/L	91			72	132	
	Benzene	20	18.3	ug/L	92			79	120	
	1,2-Dichloroethane	20	17.3	ug/L	86			73	128	
	Trichloroethene	20	18.3	ug/L	92			79	123	
	1,2-Dichloropropane	20	18.0	ug/L	90			78	122	
	Bromodichloromethane	20	18.4	ug/L	92			79	125	
	4-Methyl-2-Pentanone	100	77.3	ug/L	77			67	130	
	Toluene	20	18.3	ug/L	92			80	121	
	t-1,3-Dichloropropene	20	17.3	ug/L	86			73	127	
	cis-1,3-Dichloropropene	20	17.9	ug/L	90			75	124	
	1,1,2-Trichloroethane	20	18.0	ug/L	90			80	119	
	2-Hexanone	100	74.2	ug/L	74			57	139	
	Dibromochloromethane	20	18.4	ug/L	92			74	126	
	1,2-Dibromoethane	20	17.7	ug/L	89			77	121	
	Tetrachloroethene	20	18.8	ug/L	94			74	129	
	Chlorobenzene	20	18.4	ug/L	92			82	118	
	Ethyl Benzene	20	18.1	ug/L	91			79	121	
	m/p-Xylenes	40	37.1	ug/L	93			80	121	
	o-Xylene	20	18.1	ug/L	91			78	122	
	Styrene	20	18.0	ug/L	90			78	123	
	Bromoform	20	17.8	ug/L	89			66	130	
	Isopropylbenzene	20	17.5	ug/L	88			72	131	
	1,1,2,2-Tetrachloroethane	20	16.1	ug/L	81			71	121	
	1,3-Dichlorobenzene	20	17.6	ug/L	88			80	119	
	1,4-Dichlorobenzene	20	17.6	ug/L	88			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.:	**Q3246**	**Analytical Method:**	**SW8260-Low**
Client:	**Tetra Tech NUS, Inc.**	**Datafile :**	VX047956.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1002WBS01	1,2-Dibromo-3-Chloropropane	20	13.4	ug/L	67			62	128	
	1,2,4-Trichlorobenzene	20	15.5	ug/L	78			69	130	
	1,2,3-Trichlorobenzene	20	15.7	ug/L	79			69	129	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3246**	**Analytical Method:**	**SW8260-Low**
Client:	**Tetra Tech NUS, Inc.**	**Datafile :**	VX047958.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1002WBSD01	Dichlorodifluoromethane	20	20.0	ug/L	100	3		32	152	20
	Chloromethane	20	16.5	ug/L	83	5		50	139	20
	Vinyl chloride	20	19.0	ug/L	95	8		58	137	20
	Bromomethane	20	19.4	ug/L	97	2		53	141	20
	Chloroethane	20	18.9	ug/L	95	8		60	138	20
	Trichlorofluoromethane	20	19.8	ug/L	99	4		65	141	20
	1,1,2-Trichlorotrifluoroethane	20	20.2	ug/L	101	2		70	136	20
	1,1-Dichloroethene	20	18.4	ug/L	92	6		71	131	20
	Acetone	100	73.6	ug/L	74	4		39	160	20
	Carbon disulfide	20	17.2	ug/L	86	6		64	133	20
	Methyl tert-butyl Ether	20	17.2	ug/L	86	8		71	124	20
	Methyl Acetate	20	17.1	ug/L	86	10		56	136	20
	Methylene Chloride	20	18.0	ug/L	90	7		74	124	20
	trans-1,2-Dichloroethene	20	18.3	ug/L	92	7		75	124	20
	1,1-Dichloroethane	20	18.8	ug/L	94	8		77	125	20
	Cyclohexane	20	17.8	ug/L	89	1		71	130	20
	2-Butanone	100	78.6	ug/L	79	14		56	143	20
	Carbon Tetrachloride	20	20.3	ug/L	102	8		72	136	20
	cis-1,2-Dichloroethene	20	18.8	ug/L	94	10		78	123	20
	Bromochloromethane	20	21.9	ug/L	110	12		78	123	20
	Chloroform	20	18.9	ug/L	95	4		79	124	20
	1,1,1-Trichloroethane	20	19.3	ug/L	97	6		74	131	20
	Methylcyclohexane	20	18.7	ug/L	94	3		72	132	20
	Benzene	20	19.4	ug/L	97	5		79	120	20
	1,2-Dichloroethane	20	18.9	ug/L	95	10		73	128	20
	Trichloroethene	20	19.9	ug/L	100	8		79	123	20
	1,2-Dichloropropane	20	20.1	ug/L	101	12		78	122	20
	Bromodichloromethane	20	19.8	ug/L	99	7		79	125	20
	4-Methyl-2-Pentanone	100	89.4	ug/L	89	14		67	130	20
	Toluene	20	19.7	ug/L	99	7		80	121	20
	t-1,3-Dichloropropene	20	18.7	ug/L	94	9		73	127	20
	cis-1,3-Dichloropropene	20	19.2	ug/L	96	6		75	124	20
	1,1,2-Trichloroethane	20	20.3	ug/L	102	13		80	119	20
	2-Hexanone	100	85.0	ug/L	85	14		57	139	20
	Dibromochloromethane	20	20.3	ug/L	102	10		74	126	20
	1,2-Dibromoethane	20	19.5	ug/L	98	10		77	121	20
	Tetrachloroethene	20	20.1	ug/L	101	7		74	129	20
	Chlorobenzene	20	19.8	ug/L	99	7		82	118	20
	Ethyl Benzene	20	19.5	ug/L	98	7		79	121	20
	m/p-Xylenes	40	39.4	ug/L	99	6		80	121	20
	o-Xylene	20	19.5	ug/L	98	7		78	122	20
	Styrene	20	19.5	ug/L	98	9		78	123	20
	Bromoform	20	19.3	ug/L	97	9		66	130	20
	Isopropylbenzene	20	18.7	ug/L	94	7		72	131	20
	1,1,2,2-Tetrachloroethane	20	18.2	ug/L	91	12		71	121	20
	1,3-Dichlorobenzene	20	18.5	ug/L	93	6		80	119	20
	1,4-Dichlorobenzene	20	18.4	ug/L	92	4		79	118	20
	1,2-Dichlorobenzene	20	18.7	ug/L	94	10		80	119	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3246**	**Analytical Method:**	**SW8260-Low**
Client:	**Tetra Tech NUS, Inc.**	**Datafile :**	VX047958.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX1002WBSD01	1,2-Dibromo-3-Chloropropane	20	15.2	ug/L	76	13		62	128	20
	1,2,4-Trichlorobenzene	20	16.5	ug/L	83	6		69	130	20
	1,2,3-Trichlorobenzene	20	16.9	ug/L	85	7		69	129	20

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1002WBL01

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q3246

Lab File ID: VX047955.D Lab Sample ID: VX1002WBL01

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

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
VX1002WBS01	VX1002WBS01	VX047956.D	10/02/2025
BP-VPB-184-GW-460-462	Q3246-02	VX047957.D	10/02/2025
VX1002WBSD01	VX1002WBSD01	VX047958.D	10/02/2025
BP-VPB-184-TB-20250925	Q3246-01	VX047959.D	10/02/2025
BP-VPB-184-GW-480-482	Q3246-03	VX047960.D	10/02/2025
BP-VPB-184-GW-500-502	Q3246-04	VX047961.D	10/02/2025
BP-VPB-184-DUP-20250925	Q3246-05	VX047962.D	10/02/2025
BP-VPB-184-GW-520-522	Q3246-06	VX047963.D	10/02/2025
BP-VPB-184-GW-540-542	Q3246-07	VX047964.D	10/02/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: TETR06

Lab Code: ACE | SDG NO.: Q3246

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

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

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20
75	30.0 - 60.0% of mass 95	54
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	67.3
175	5.0 - 9.0% of mass 174	5.4 (8.1) 1
176	95.0 - 101.0% of mass 174	66.3 (98.6) 1
177	5.0 - 9.0% of mass 176	4.3 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

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

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: TETR06
Lab Code: ACE
SDG NO.: Q3246
Lab File ID: VX047952.D
BFB Injection Date: 10/02/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:18
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	19.8
75	30.0 - 60.0% of mass 95	53.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.5 (0.8) 1
174	50.0 - 100.0% of mass 95	68.6
175	5.0 - 9.0% of mass 174	5.2 (7.5) 1
176	95.0 - 101.0% of mass 174	65.6 (95.7) 1
177	5.0 - 9.0% of mass 176	4.6 (7) 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	VX047953.D	10/02/2025	08:50
VX1002WBL01	VX1002WBL01	VX047955.D	10/02/2025	10:09
VX1002WBS01	VX1002WBS01	VX047956.D	10/02/2025	11:04
BP-VPB-184-GW-460-462	Q3246-02	VX047957.D	10/02/2025	11:24
VX1002WBSD01	VX1002WBSD01	VX047958.D	10/02/2025	11:45
BP-VPB-184-TB-20250925	Q3246-01	VX047959.D	10/02/2025	12:05
BP-VPB-184-GW-480-482	Q3246-03	VX047960.D	10/02/2025	12:26
BP-VPB-184-GW-500-502	Q3246-04	VX047961.D	10/02/2025	12:46
BP-VPB-184-DUP-20250925	Q3246-05	VX047962.D	10/02/2025	13:07
BP-VPB-184-GW-520-522	Q3246-06	VX047963.D	10/02/2025	13:27
BP-VPB-184-GW-540-542	Q3246-07	VX047964.D	10/02/2025	13:48
VSTDCCC050EC	VSTDCCC050	VX047979.D	10/02/2025	18:58

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q3246

Lab File ID: VX047953.D Date Analyzed: 10/02/2025

Instrument ID: MSVOA_X Time Analyzed: 08:50

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	140837	5.53	255190	6.74	226757	10.04
UPPER LIMIT	281674	6.032	510380	7.239	453514	10.537
LOWER LIMIT	70418.5	5.032	127595	6.239	113379	9.537
EPA SAMPLE NO.						
BP-VPB-184-TB-20250925	174165	5.54	359369	6.75	363916	10.04
BP-VPB-184-GW-460-462	127914	5.54	256538	6.75	255834	10.04
BP-VPB-184-GW-480-482	162247	5.54	333521	6.75	336858	10.04
BP-VPB-184-GW-500-502	143047	5.54	293439	6.75	309899	10.04
BP-VPB-184-DUP-20250925	135174	5.54	286335	6.75	299172	10.04
BP-VPB-184-GW-520-522	151967	5.54	317249	6.75	332386	10.04
BP-VPB-184-GW-540-542	131720	5.54	271856	6.75	280780	10.04
VX1002WBL01	148697	5.53	307294	6.75	316597	10.04
VX1002WBS01	151041	5.54	257081	6.75	229930	10.04
VX1002WBSD01	152089	5.54	257772	6.75	231464	10.04

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q3246

Lab File ID: VX047953.D Date Analyzed: 10/02/2025

Instrument ID: MSVOA_X Time Analyzed: 08:50

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

	IS4 AREA #	RT #				
12 HOUR STD	107762	12				
UPPER LIMIT	215524	12.5				
LOWER LIMIT	53881	11.5				
EPA SAMPLE NO.						
BP-VPB-184-TB-20250925	177276	12.01				
BP-VPB-184-GW-460-462	122681	12.01				
BP-VPB-184-GW-480-482	168922	12.01				
BP-VPB-184-GW-500-502	156960	12.01				
BP-VPB-184-DUP-20250925	150587	12.01				
BP-VPB-184-GW-520-522	167184	12.01				
BP-VPB-184-GW-540-542	143261	12.01				
VX1002WBL01	160196	12.01				
VX1002WBS01	117908	12.01				
VX1002WBSD01	118503	12.01				

IS4 = 1,4-Dichlorobenzene-d4

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

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

SAMPLE DATA

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	09/25/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/29/25
Client Sample ID:	BP-VPB-184-TB-20250925	SDG No.:	Q3246
Lab Sample ID:	Q3246-01	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
VX047959.D	1	10/02/25 12:05	VX100225

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

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	09/25/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/29/25
Client Sample ID:	BP-VPB-184-TB-20250925	SDG No.:	Q3246
Lab Sample ID:	Q3246-01	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
VX047959.D	1	10/02/25 12:05	VX100225

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	49.9		81 - 118		100%	SPK: 50
1868-53-7	Dibromofluoromethane	48.8		80 - 119		98%	SPK: 50
2037-26-5	Toluene-d8	49.2		89 - 112		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.8		85 - 114		110%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	174000	5.544				
540-36-3	1,4-Difluorobenzene	359000	6.751				
3114-55-4	Chlorobenzene-d5	364000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	177000	12.006				
TENTATIVE IDENTIFIED COMPOUNDS							

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	09/25/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/29/25
Client Sample ID:	BP-VPB-184-TB-20250925	SDG No.:	Q3246
Lab Sample ID:	Q3246-01	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
VX047959.D	1	10/02/25 12:05	VX100225

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\VX100225\
Data File : VX047959.D
Acq On : 02 Oct 2025 12:05
Operator : JC/MD
Sample : Q3246-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20250925

Quant Time: Oct 03 03:28:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

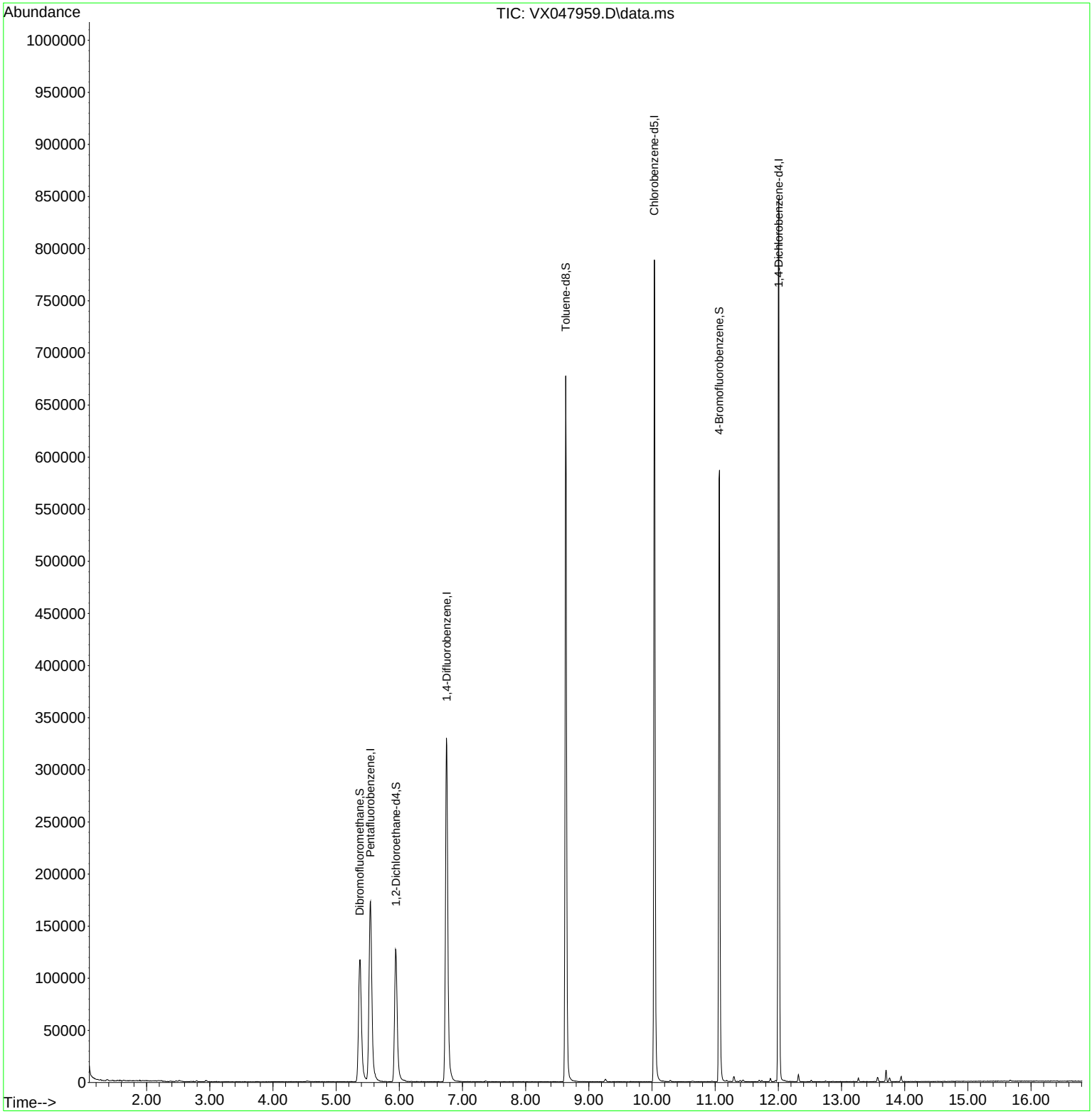
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	174165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	359369	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	363916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	177276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	138255	49.871	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.740%			
35) Dibromofluoromethane	5.373	113	117568	48.781	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.560%			
50) Toluene-d8	8.635	98	410599	49.235	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.480%			
62) 4-Bromofluorobenzene	11.061	95	173383	54.781	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.560%			
Target Compounds						Qvalue

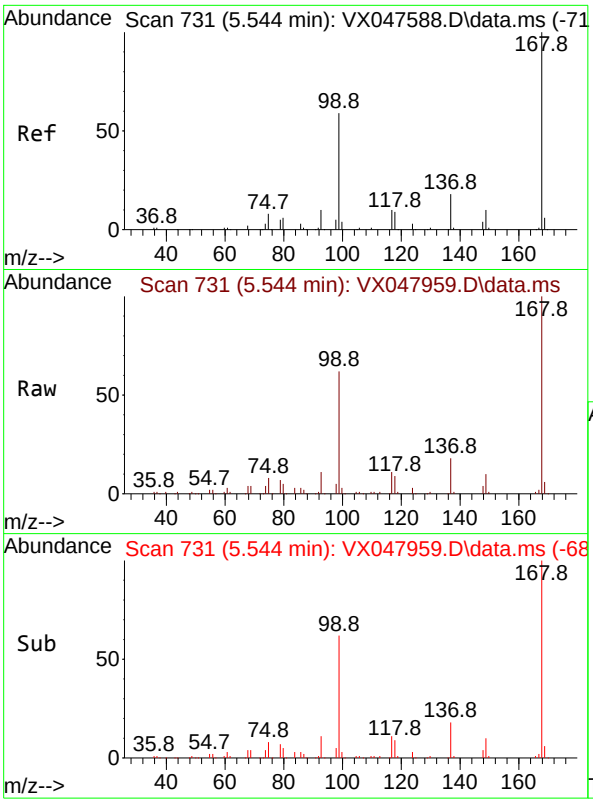
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047959.D
Acq On : 02 Oct 2025 12:05
Operator : JC/MD
Sample : Q3246-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20250925

Quant Time: Oct 03 03:28:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



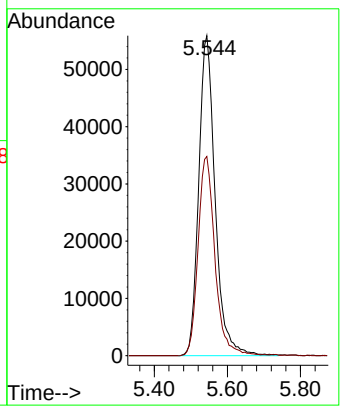


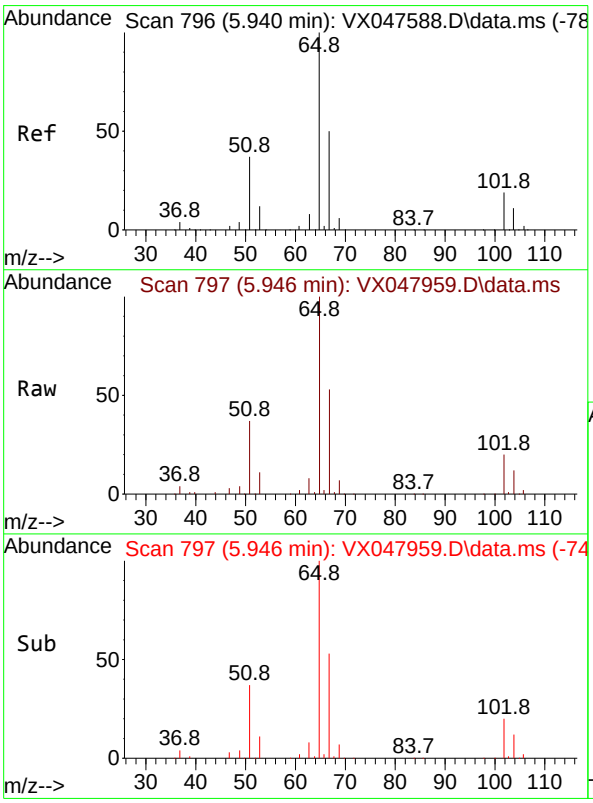
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047959.D
Acq: 02 Oct 2025 12:05

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20250925

Tgt Ion:168 Resp: 174165

Ion	Ratio	Lower	Upper
168	100		
99	62.2	48.8	73.2

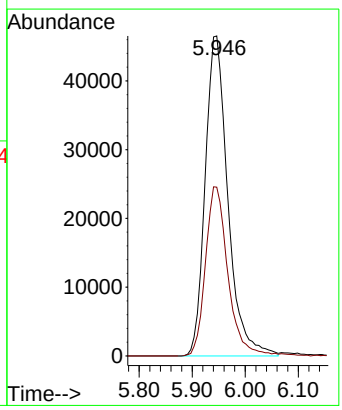


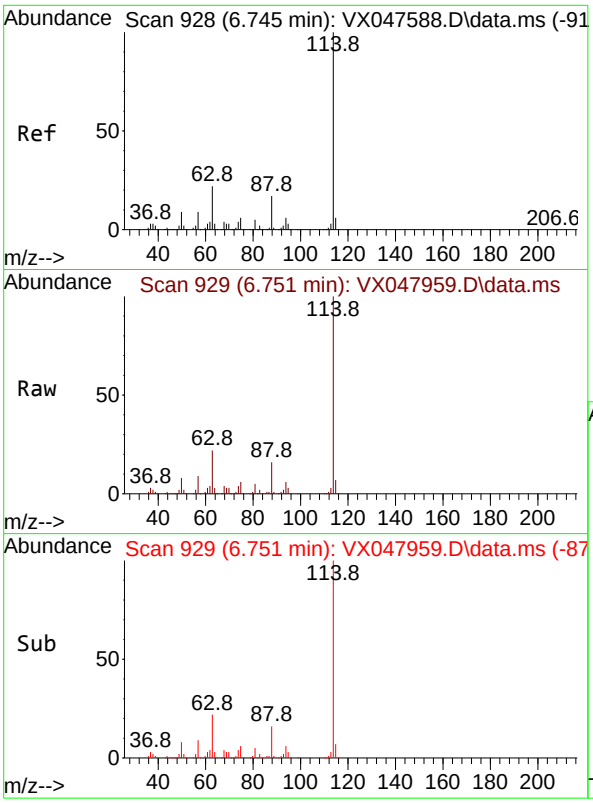


#33
1,2-Dichloroethane-d4
Concen: 49.871 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047959.D
Acq: 02 Oct 2025 12:05

Tgt Ion: 65 Resp: 138255

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	103.0



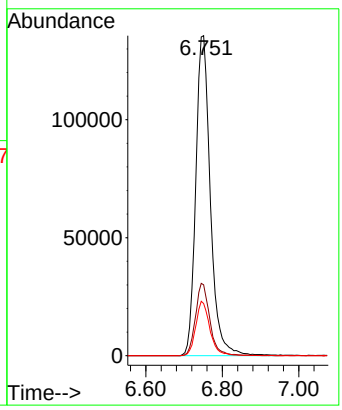


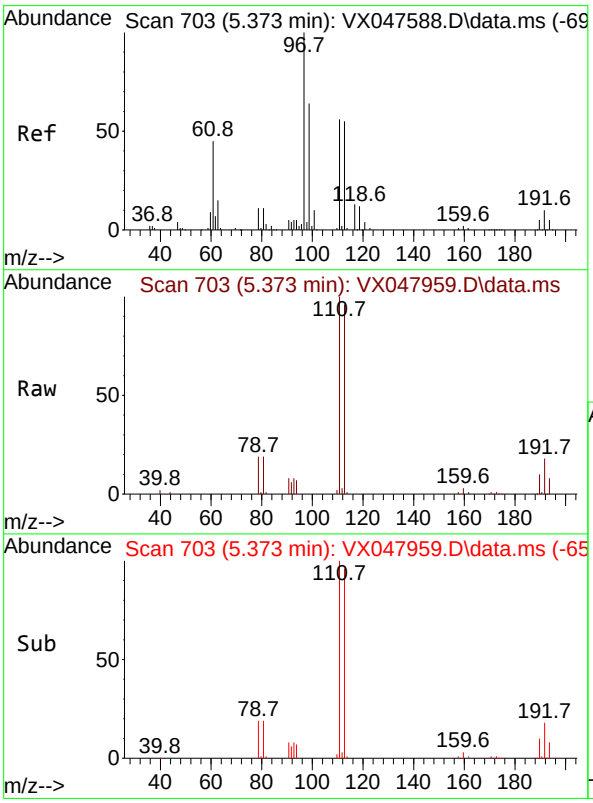
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX047959.D
Acq: 02 Oct 2025 12:05

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20250925

Tgt Ion:114 Resp: 359369

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.0
88	16.3	0.0	34.2

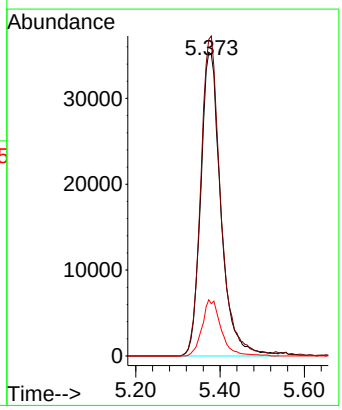


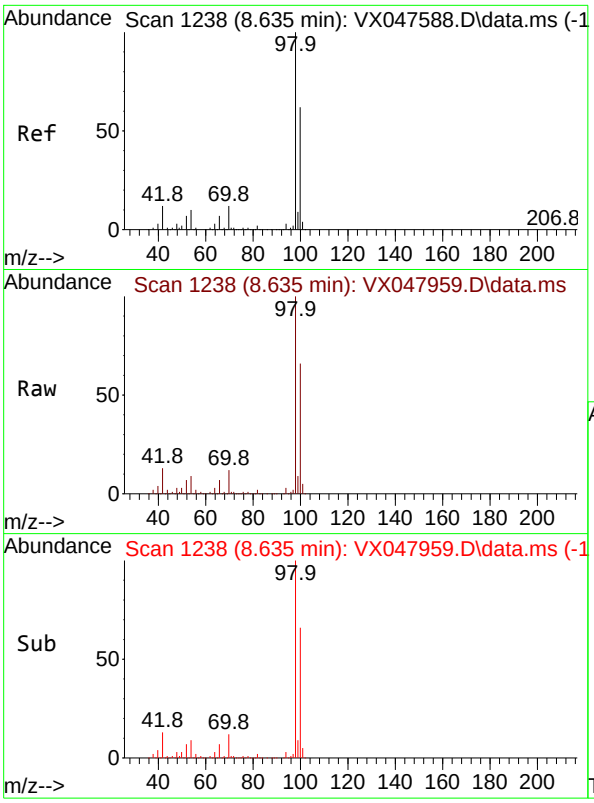


#35
Dibromofluoromethane
Concen: 48.781 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX047959.D
Acq: 02 Oct 2025 12:05

Tgt Ion:113 Resp: 117568

Ion	Ratio	Lower	Upper
113	100		
111	103.7	80.9	121.3
192	17.5	14.2	21.4



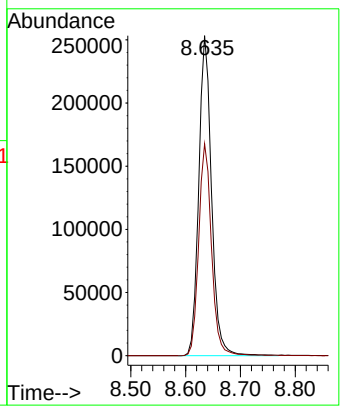


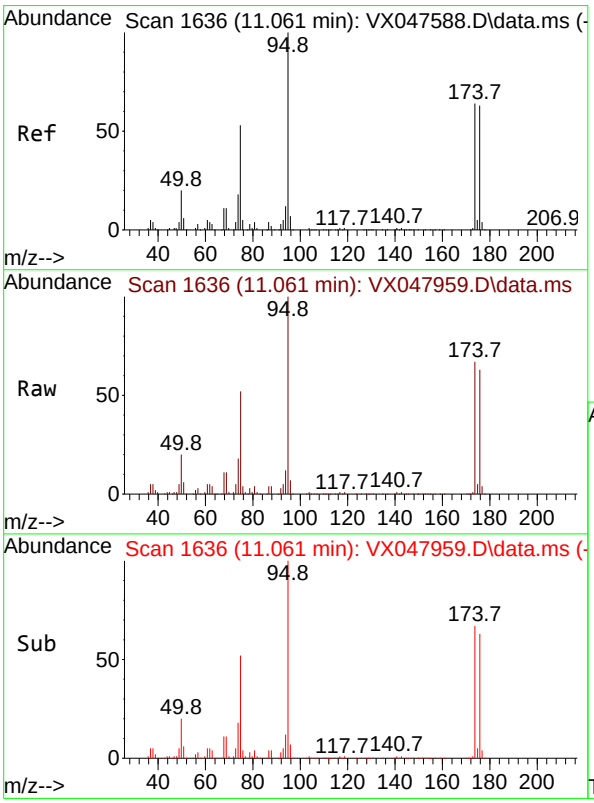
#50
Toluene-d8
Concen: 49.235 ug/l
RT: 8.635 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047959.D
Acq: 02 Oct 2025 12:05

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20250925

Tgt Ion: 98 Resp: 410599

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.4

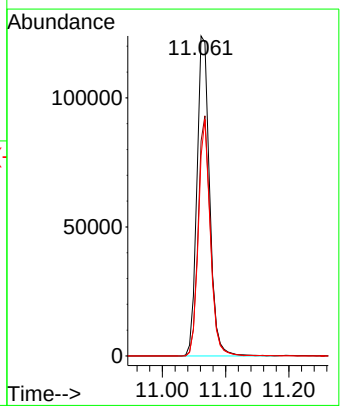


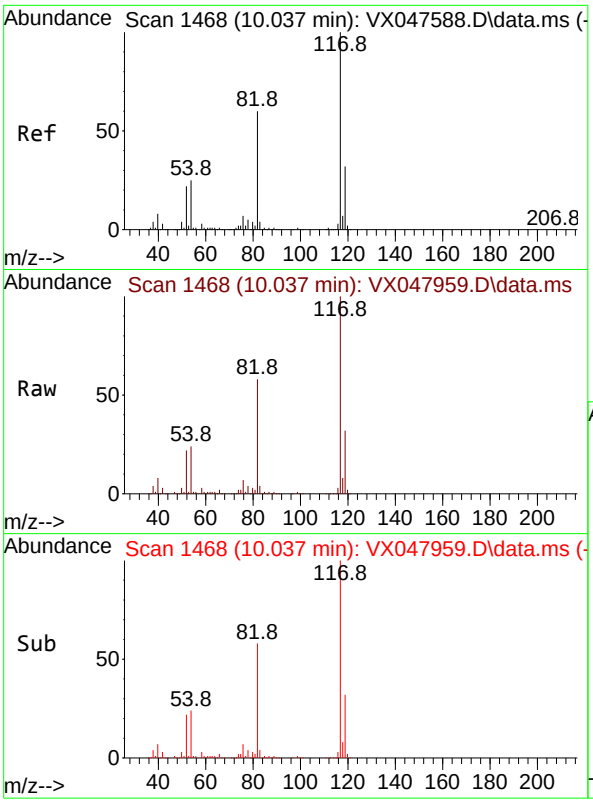


#62
4-Bromofluorobenzene
Concen: 54.781 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX047959.D
Acq: 02 Oct 2025 12:05

Tgt Ion: 95 Resp: 173383

Ion	Ratio	Lower	Upper
95	100		
174	72.2	0.0	141.6
176	69.1	0.0	138.4



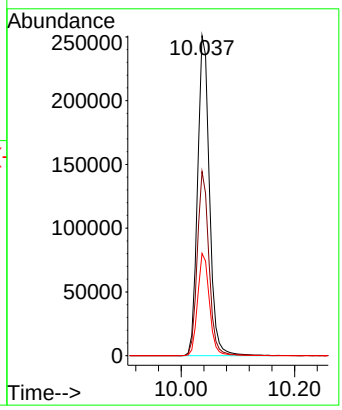


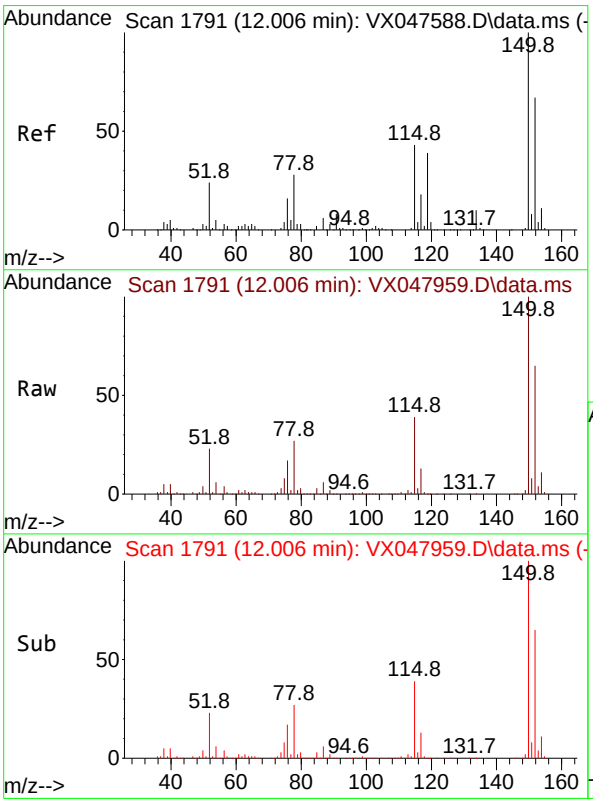
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047959.D
Acq: 02 Oct 2025 12:05

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20250925

Tgt Ion:117 Resp: 363916

Ion	Ratio	Lower	Upper
117	100		
82	57.5	47.8	71.6
119	31.9	25.2	37.8

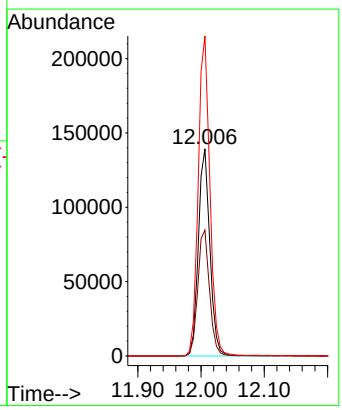




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047959.D
Acq: 02 Oct 2025 12:05

Tgt Ion:152 Resp: 177276

Ion	Ratio	Lower	Upper
152	100		
115	62.1	44.9	134.5
150	156.2	0.0	352.0



Sample Results: **VX047959.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047959.D
Acq On : 02 Oct 2025 12:05
Operator : JC/MD
Sample : Q3246-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20250925

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\82X091625W.M
Title : SW846 8260

Signal : TIC: VX047959.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.379	692	704	721	rBV2	117067	384235	33.74%	6.049%
2	5.544	721	731	749	rVB	171297	534695	46.95%	8.418%
3	5.940	785	796	816	rBV	127162	377366	33.13%	5.941%
4	6.745	919	928	953	rBV	329782	862584	75.73%	13.580%
5	8.635	1231	1238	1262	rBV	677152	1106614	97.16%	17.422%
6	10.037	1462	1468	1489	rBV	788731	1138971	100.00%	17.931%
7	11.067	1631	1637	1650	rBV	586856	822228	72.19%	12.945%
8	12.006	1785	1791	1803	rBV	846693	1112218	97.65%	17.510%
9	13.701	2065	2069	2073	rVB2	10774	13036	1.14%	0.205%

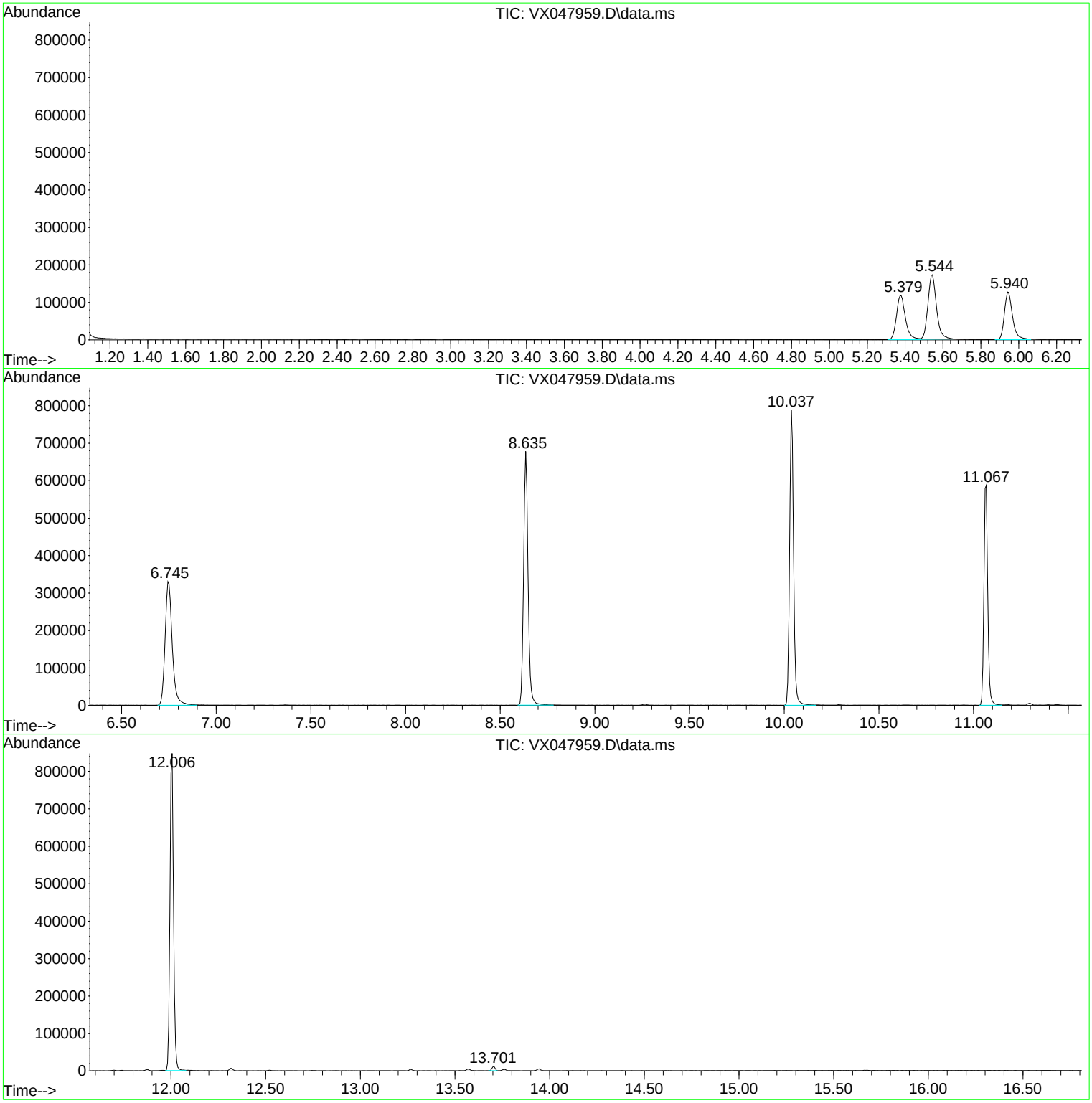
Sum of corrected areas: 6351947

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047959.D
Acq On : 02 Oct 2025 12:05
Operator : JC/MD
Sample : Q3246-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20250925

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047959.D
Acq On : 02 Oct 2025 12:05
Operator : JC/MD
Sample : Q3246-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20250925

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.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\VX100225\
Data File : VX047959.D
Acq On : 02 Oct 2025 12:05
Operator : JC/MD
Sample : Q3246-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20250925

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

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

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

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	09/25/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/29/25
Client Sample ID:	BP-VPB-184-GW-460-462	SDG No.:	Q3246
Lab Sample ID:	Q3246-02	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
VX047957.D	1	10/02/25 11:24	VX100225

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	5.00		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	09/25/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/29/25
Client Sample ID:	BP-VPB-184-GW-460-462	SDG No.:	Q3246
Lab Sample ID:	Q3246-02	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
VX047957.D	1	10/02/25 11:24	VX100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	47.1		81 - 118		94%	SPK: 50
1868-53-7	Dibromofluoromethane	47.7		80 - 119		95%	SPK: 50
2037-26-5	Toluene-d8	47.4		89 - 112		95%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.6		85 - 114		103%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	128000	5.544				
540-36-3	1,4-Difluorobenzene	257000	6.751				
3114-55-4	Chlorobenzene-d5	256000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	123000	12.006				
TENTATIVE IDENTIFIED COMPOUNDS							

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:	09/25/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/29/25
Client Sample ID:	BP-VPB-184-GW-460-462	SDG No.:	Q3246
Lab Sample ID:	Q3246-02	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
VX047957.D	1	10/02/25 11:24	VX100225

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\VX100225\
Data File : VX047957.D
Acq On : 02 Oct 2025 11:24
Operator : JC/MD
Sample : Q3246-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-460-462

Quant Time: Oct 03 03:27:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

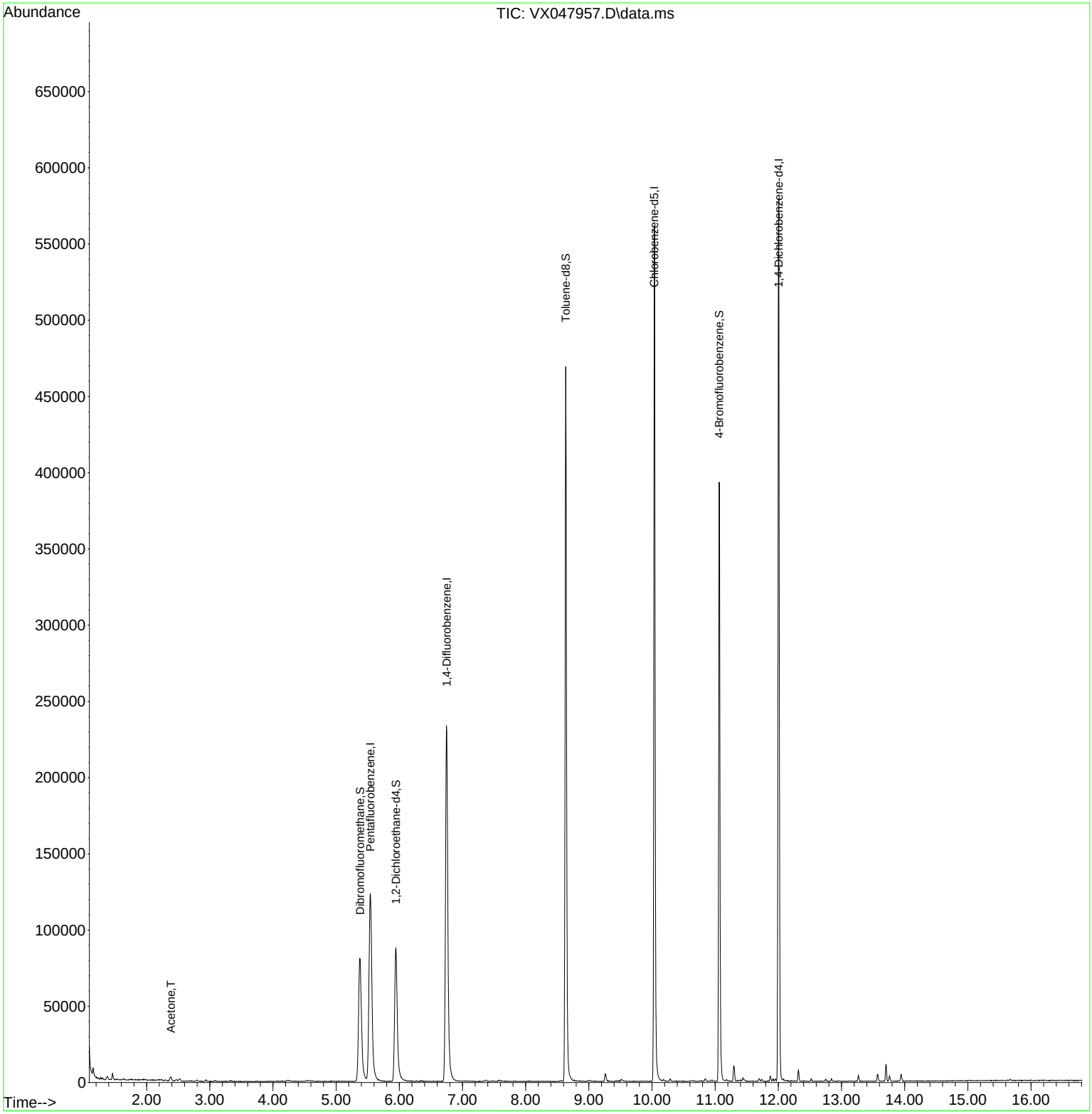
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	127914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	256538	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	255834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	122681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	95997	47.148	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 94.300%			
35) Dibromofluoromethane	5.379	113	81995	47.658	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.320%			
50) Toluene-d8	8.635	98	282326	47.424	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.840%			
62) 4-Bromofluorobenzene	11.061	95	116514	51.570	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.140%			
Target Compounds						Qvalue
16) Acetone	2.386	43	4455	5.032	ug/l	91

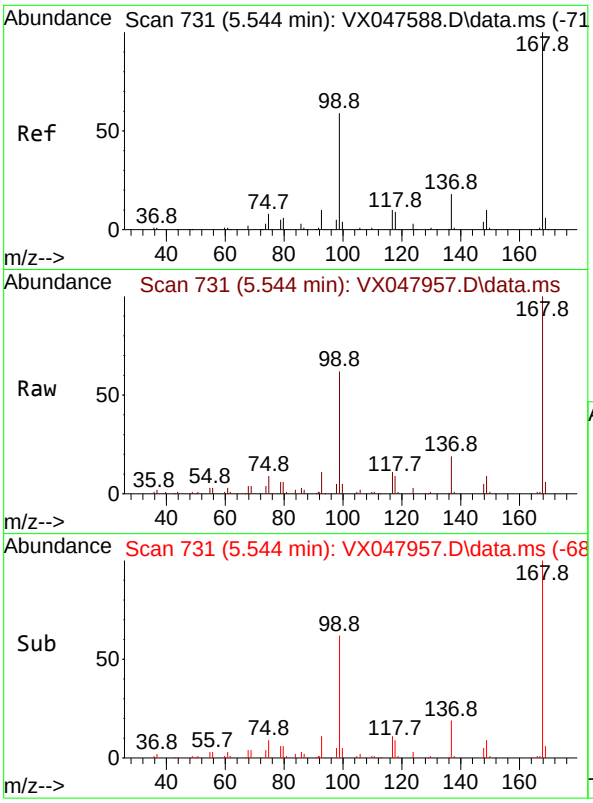
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047957.D
Acq On : 02 Oct 2025 11:24
Operator : JC/MD
Sample : Q3246-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-460-462

Quant Time: Oct 03 03:27:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



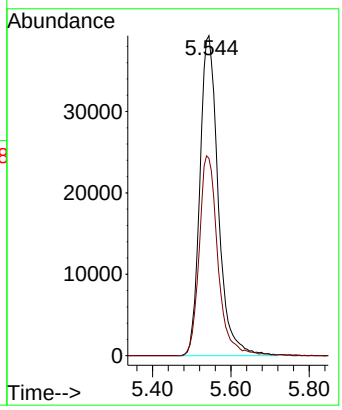


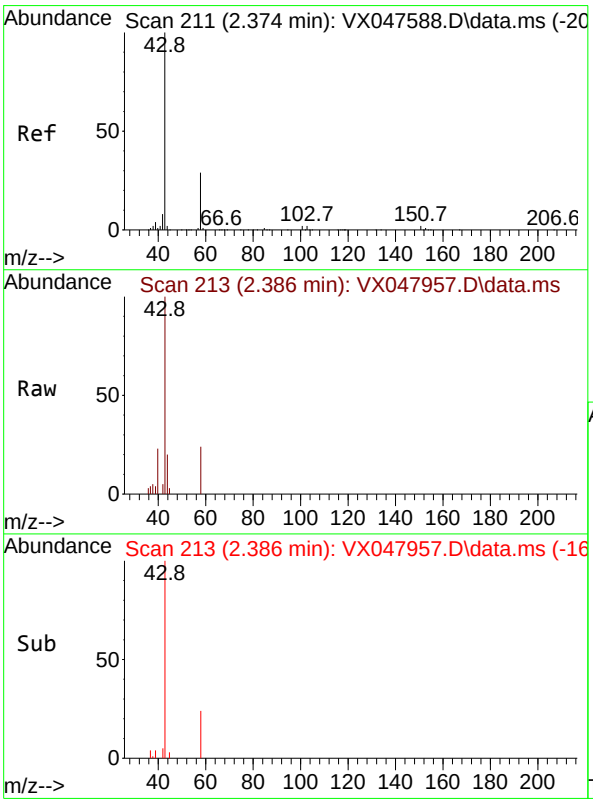
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047957.D
Acq: 02 Oct 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-460-462

Tgt Ion:168 Resp: 127914

Ion	Ratio	Lower	Upper
168	100		
99	61.7	48.8	73.2

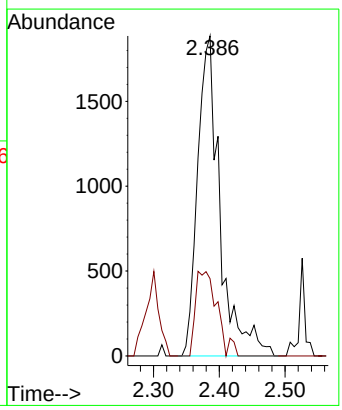


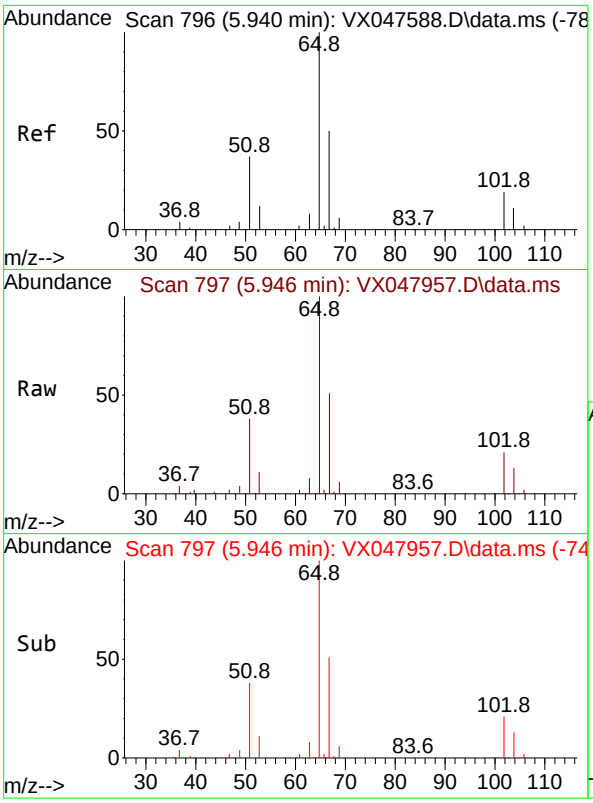


#16
Acetone
Concen: 5.032 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX047957.D
Acq: 02 Oct 2025 11:24

Tgt Ion: 43 Resp: 4455

Ion	Ratio	Lower	Upper
43	100		
58	24.1	23.4	35.0



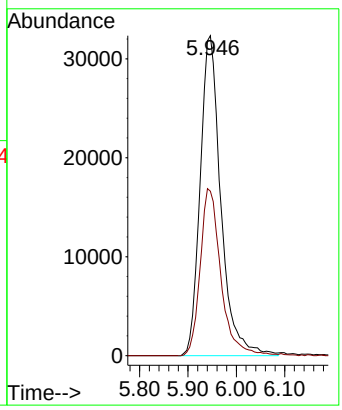


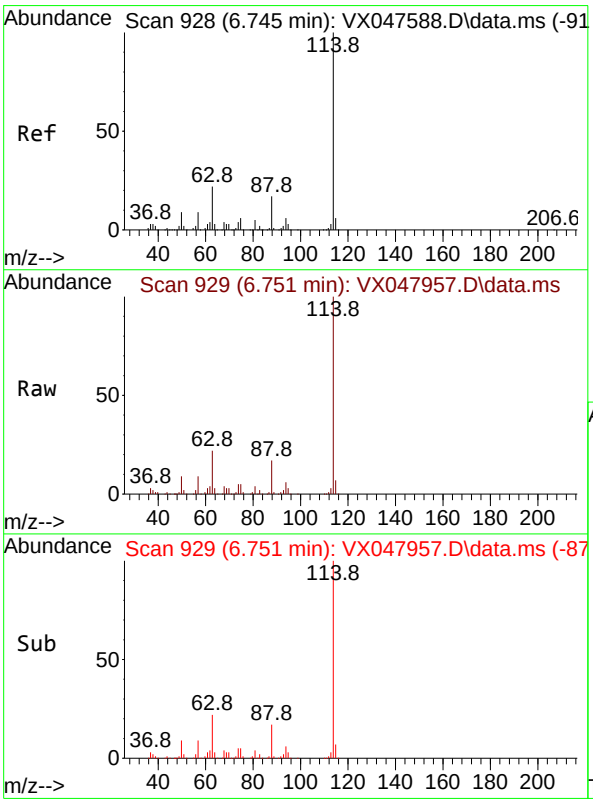
#33
1,2-Dichloroethane-d4
Concen: 47.148 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047957.D
Acq: 02 Oct 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-460-462

Tgt Ion: 65 Resp: 95997

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	103.0

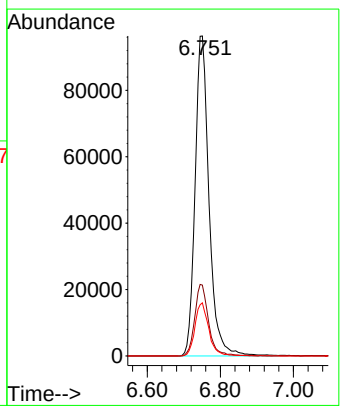


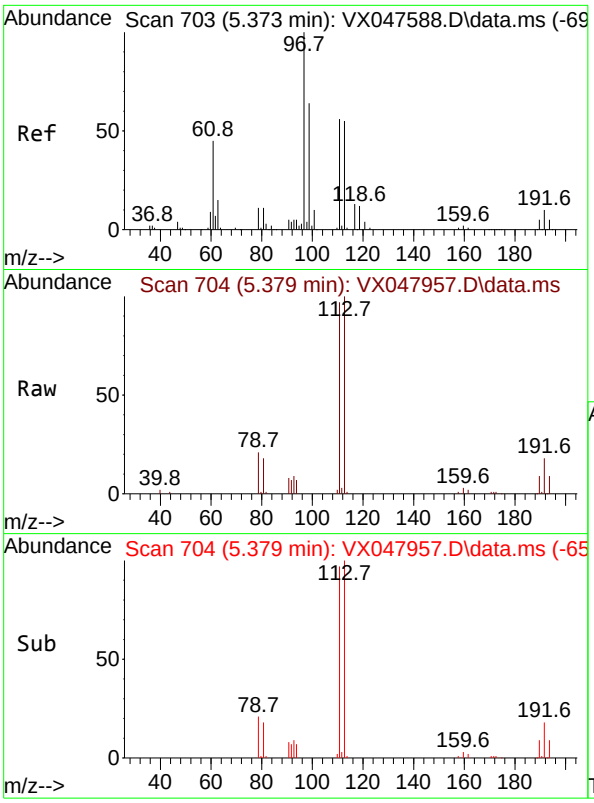


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX047957.D
Acq: 02 Oct 2025 11:24

Tgt Ion:114 Resp: 256538

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	44.0
88	16.6	0.0	34.2



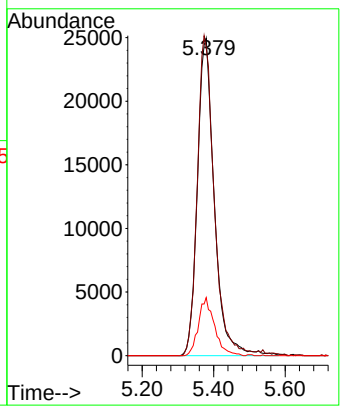


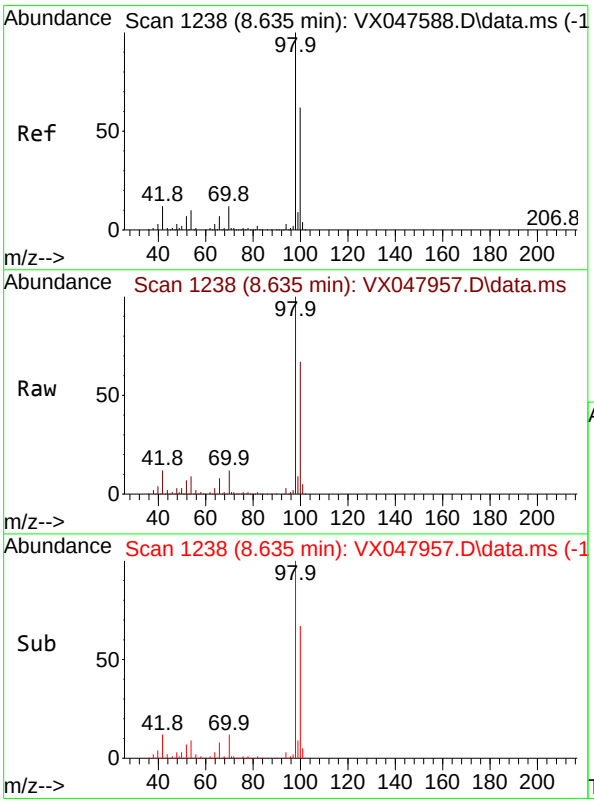
#35
Dibromofluoromethane
Concen: 47.658 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047957.D
Acq: 02 Oct 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-460-462

Tgt Ion:113 Resp: 81995

Ion	Ratio	Lower	Upper
113	100		
111	100.1	80.9	121.3
192	17.4	14.2	21.4

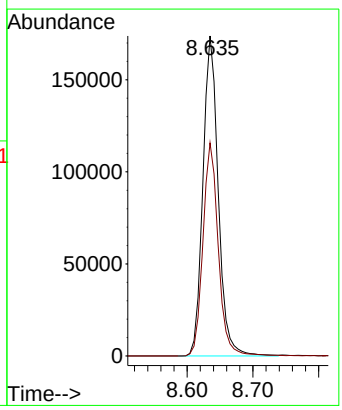


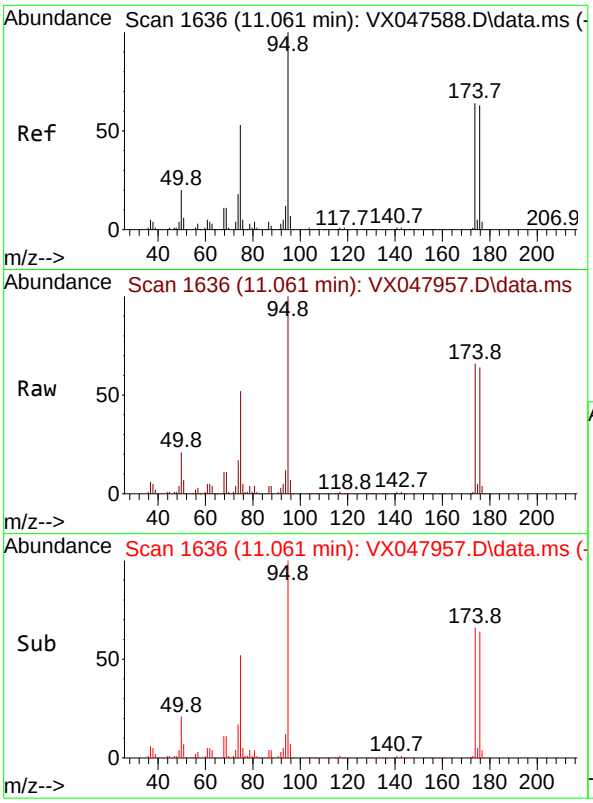


#50
Toluene-d8
Concen: 47.424 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX047957.D
Acq: 02 Oct 2025 11:24

Tgt Ion: 98 Resp: 282326

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.4



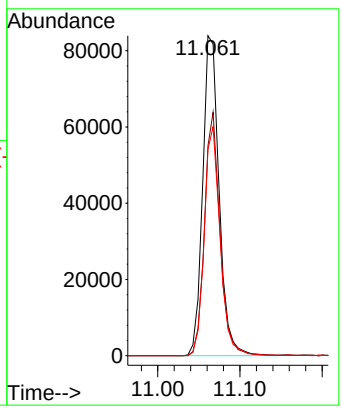


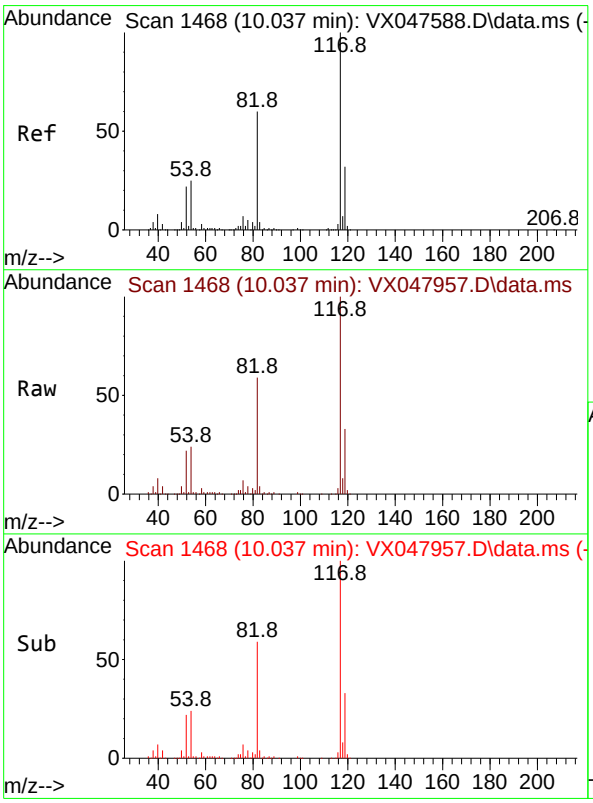
#62
4-Bromofluorobenzene
Concen: 51.570 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047957.D
Acq: 02 Oct 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-460-462

Tgt Ion: 95 Resp: 116514

Ion	Ratio	Lower	Upper
95	100		
174	71.9	0.0	141.6
176	69.1	0.0	138.4

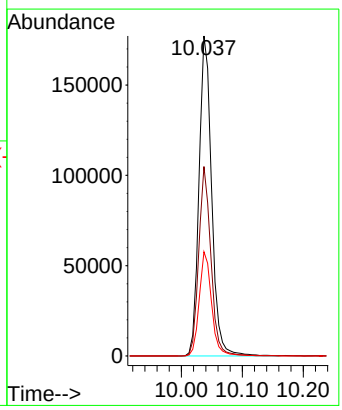


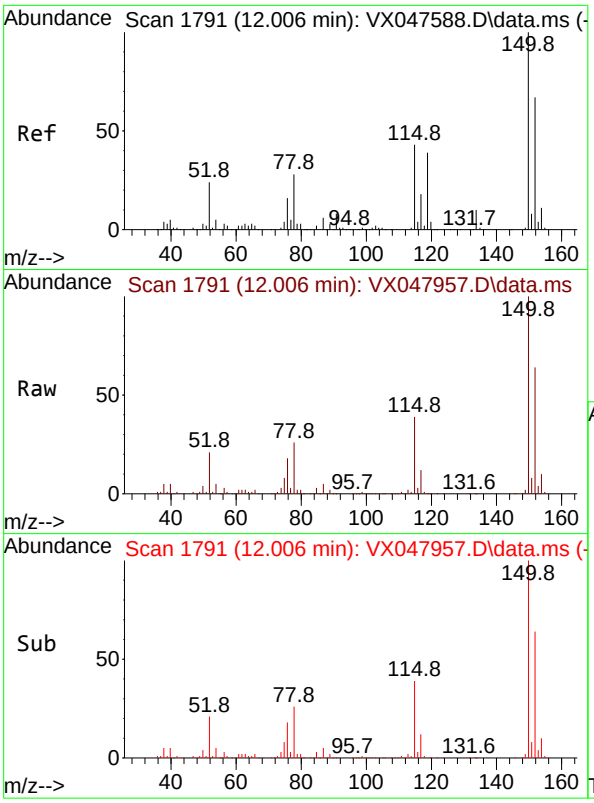


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX047957.D
Acq: 02 Oct 2025 11:24

Tgt Ion:117 Resp: 255834

Ion	Ratio	Lower	Upper
117	100		
82	59.2	47.8	71.6
119	32.5	25.2	37.8



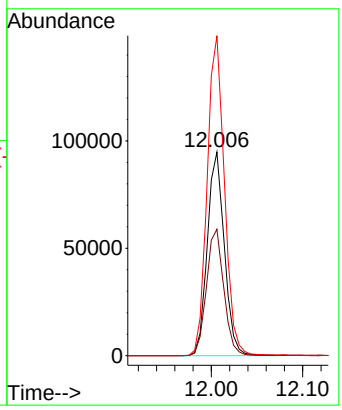


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047957.D
Acq: 02 Oct 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-460-462

Tgt Ion:152 Resp: 122681

Ion	Ratio	Lower	Upper
152	100		
115	63.1	44.9	134.5
150	159.7	0.0	352.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047957.D
Acq On : 02 Oct 2025 11:24
Operator : JC/MD
Sample : Q3246-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-460-462

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\82X091625W.M
Title : SW846 8260

Signal : TIC: VX047957.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.154	8	11	19	rVB2	6612	10649	1.33%	0.238%
2	5.373	690	703	719	rBV3	80543	263416	32.82%	5.877%
3	5.538	720	730	750	rVB	122318	390838	48.70%	8.719%
4	5.946	787	797	819	rBV	87144	260511	32.46%	5.812%
5	6.745	919	928	954	rBV	233501	614126	76.52%	13.701%
6	8.635	1231	1238	1255	rBV	468695	763413	95.12%	17.031%
7	9.263	1334	1341	1346	rBV2	4996	8791	1.10%	0.196%
8	10.037	1462	1468	1484	rBV	561308	802605	100.00%	17.905%
9	11.061	1631	1636	1648	rBV	392874	552268	68.81%	12.321%
10	11.293	1670	1674	1680	rVB3	10105	14829	1.85%	0.331%
11	12.006	1785	1791	1801	rBV	578562	777782	96.91%	17.352%
12	12.317	1838	1842	1849	rVB	7333	9863	1.23%	0.220%
13	13.701	2066	2069	2074	rVB2	10769	13410	1.67%	0.299%

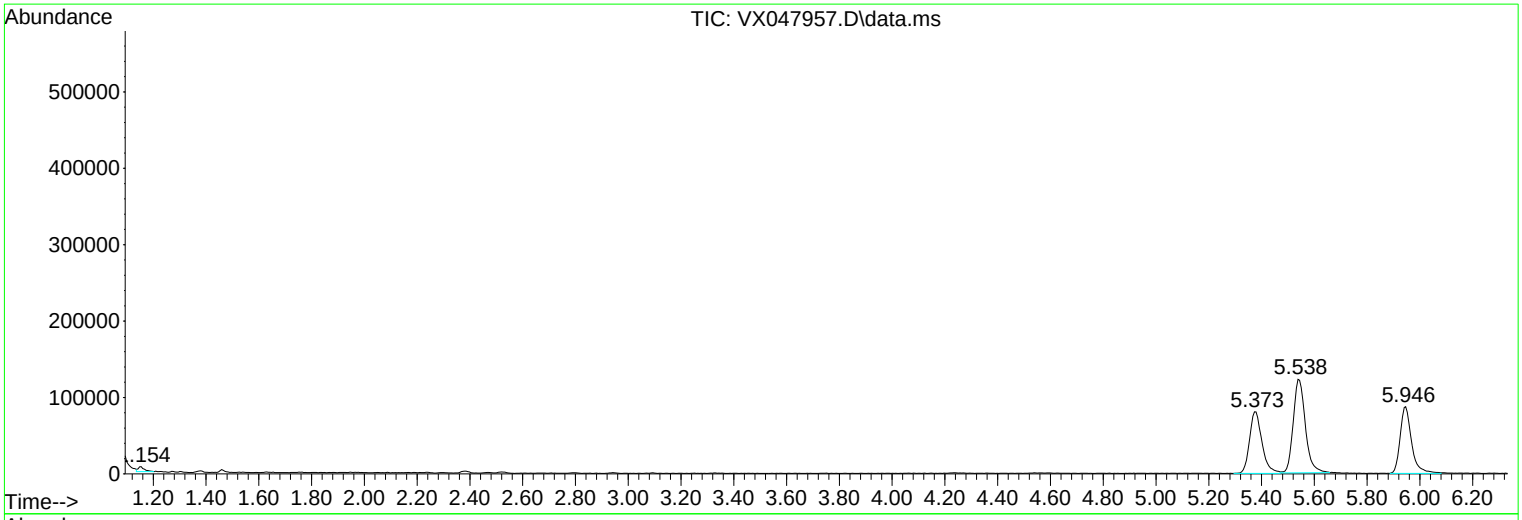
Sum of corrected areas: 4482501

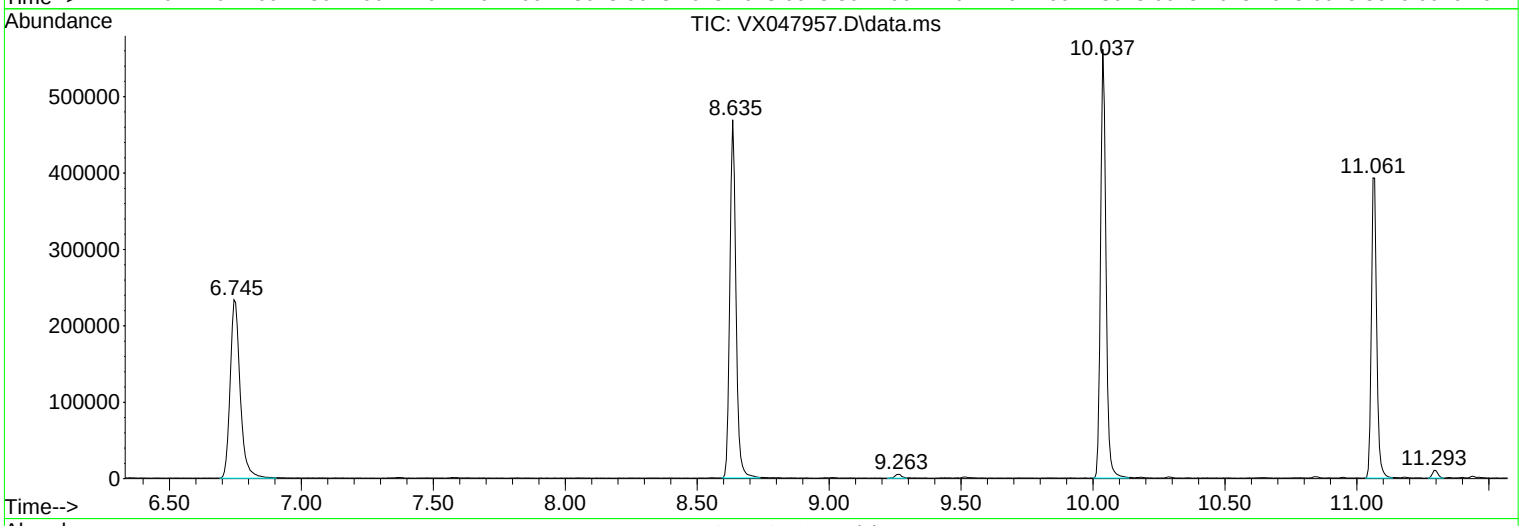
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047957.D
Acq On : 02 Oct 2025 11:24
Operator : JC/MD
Sample : Q3246-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

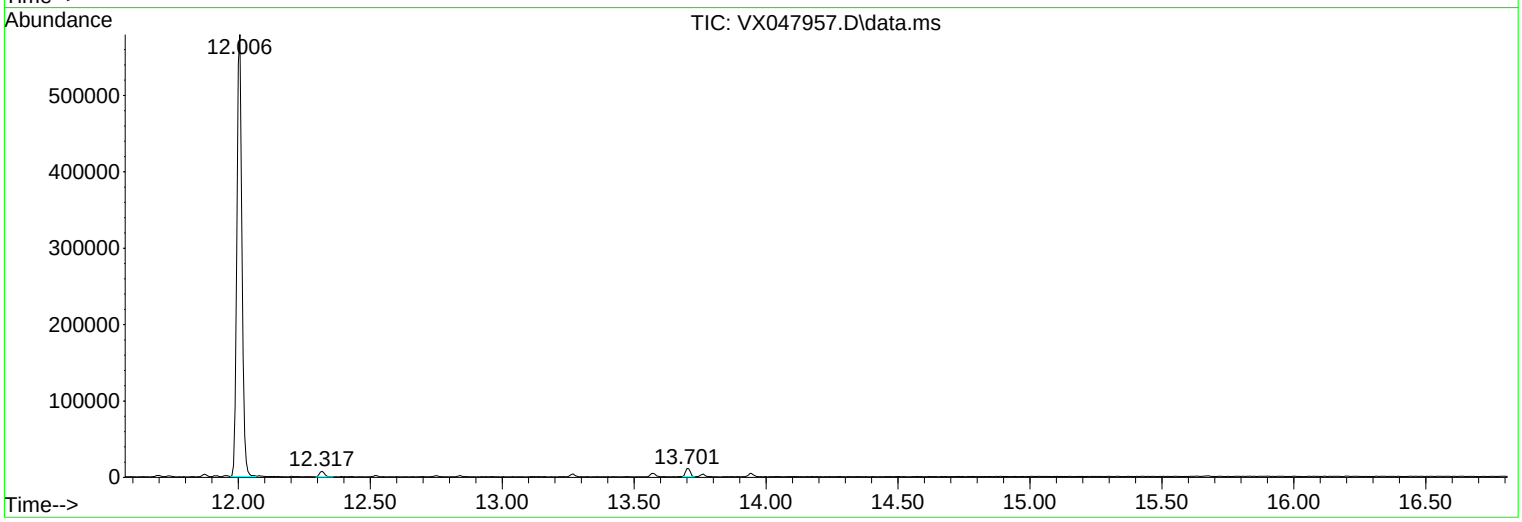
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-460-462

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047957.D
Acq On : 02 Oct 2025 11:24
Operator : JC/MD
Sample : Q3246-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-460-462

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.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\VX100225\
Data File : VX047957.D
Acq On : 02 Oct 2025 11:24
Operator : JC/MD
Sample : Q3246-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-460-462

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

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

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

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	09/25/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/29/25
Client Sample ID:	BP-VPB-184-GW-480-482	SDG No.:	Q3246
Lab Sample ID:	Q3246-03	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
VX047960.D	1	10/02/25 12:26	VX100225

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	0.32	J	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	4.00	J	1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.57	J	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	09/25/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/29/25
Client Sample ID:	BP-VPB-184-GW-480-482	SDG No.:	Q3246
Lab Sample ID:	Q3246-03	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
VX047960.D	1	10/02/25 12:26	VX100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50.8		81 - 118		102%	SPK: 50
1868-53-7	Dibromofluoromethane	48.5		80 - 119		97%	SPK: 50
2037-26-5	Toluene-d8	48.3		89 - 112		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.2		85 - 114		110%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	162000	5.544				
540-36-3	1,4-Difluorobenzene	334000	6.751				
3114-55-4	Chlorobenzene-d5	337000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	169000	12.006				
TENTATIVE IDENTIFIED COMPOUNDS							

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:	09/25/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/29/25
Client Sample ID:	BP-VPB-184-GW-480-482	SDG No.:	Q3246
Lab Sample ID:	Q3246-03	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
VX047960.D	1	10/02/25 12:26	VX100225

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\VX100225\
Data File : VX047960.D
Acq On : 02 Oct 2025 12:26
Operator : JC/MD
Sample : Q3246-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-480-482

Quant Time: Oct 03 03:28:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

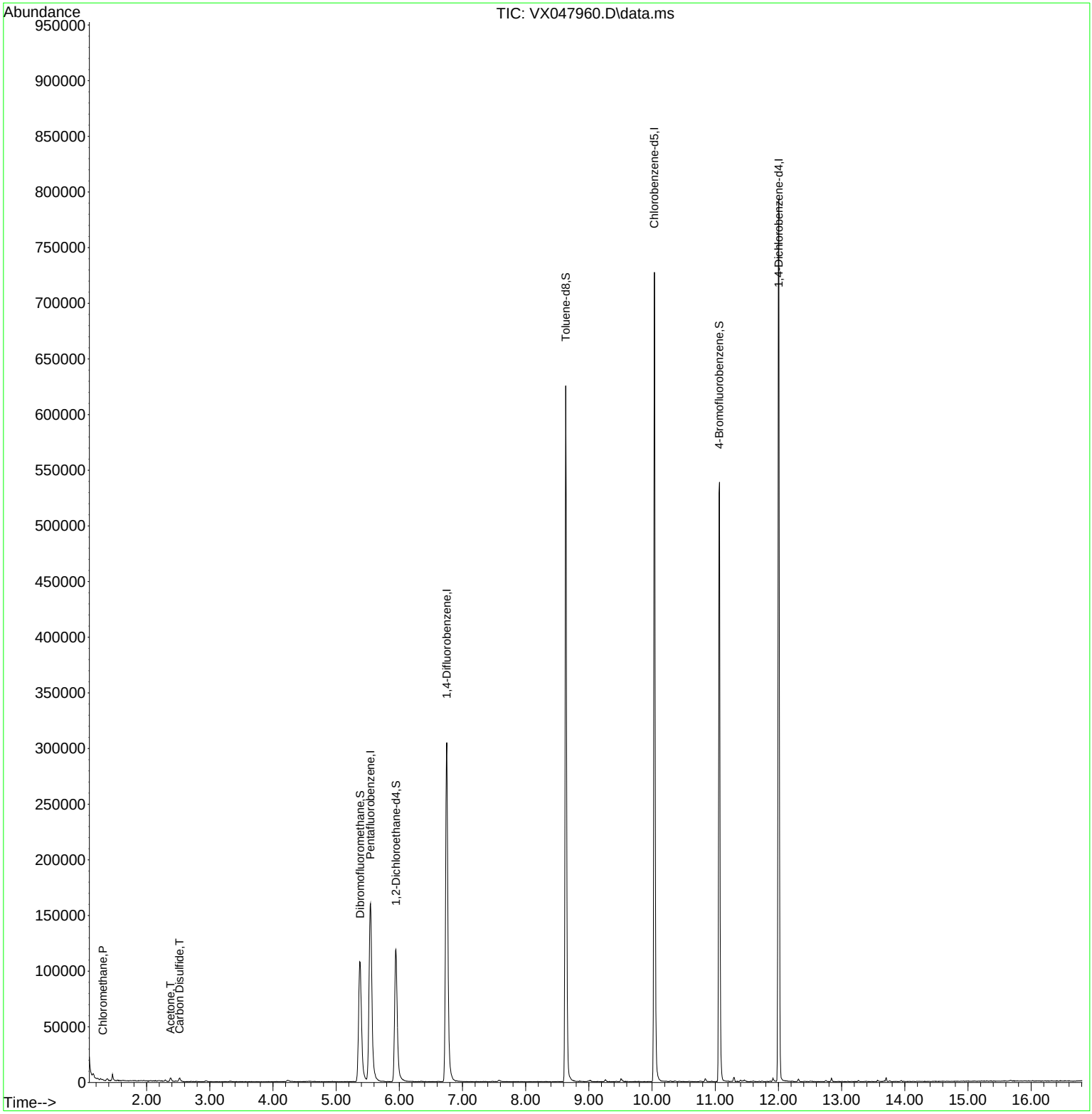
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	162247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	333521	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	336858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	168922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	131258	50.825	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.640%			
35) Dibromofluoromethane	5.379	113	108404	48.464	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.920%			
50) Toluene-d8	8.635	98	373781	48.294	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.580%			
62) 4-Bromofluorobenzene	11.061	95	162094	55.184	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.360%			
Target Compounds						Qvalue
3) Chloromethane	1.307	50	705	0.319	ug/l	95
16) Acetone	2.380	43	4441	3.955	ug/l #	89
17) Carbon Disulfide	2.520	76	3029	0.574	ug/l	98

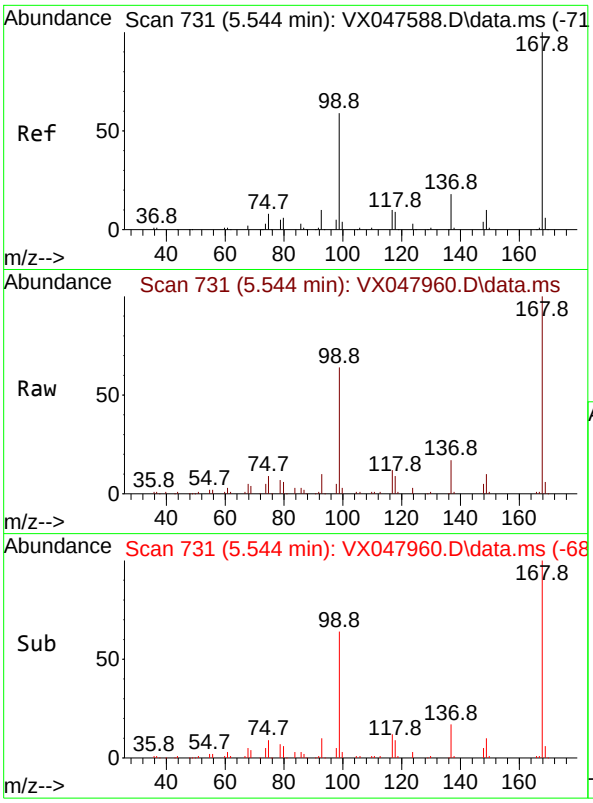
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047960.D
Acq On : 02 Oct 2025 12:26
Operator : JC/MD
Sample : Q3246-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-480-482

Quant Time: Oct 03 03:28:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



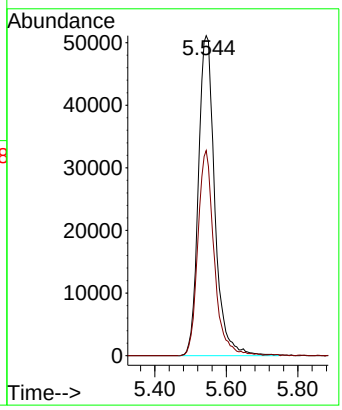


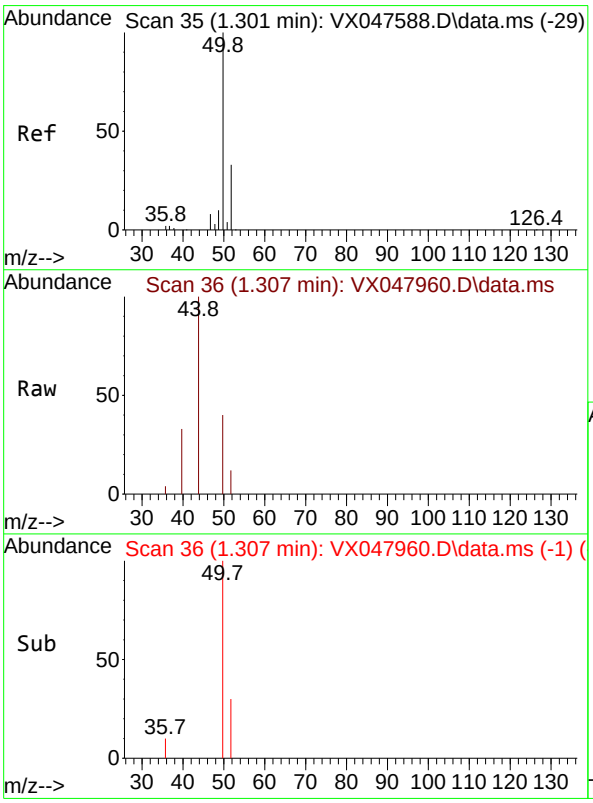
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047960.D
Acq: 02 Oct 2025 12:26

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-480-482

Tgt Ion:168 Resp: 162247

Ion	Ratio	Lower	Upper
168	100		
99	64.1	48.8	73.2

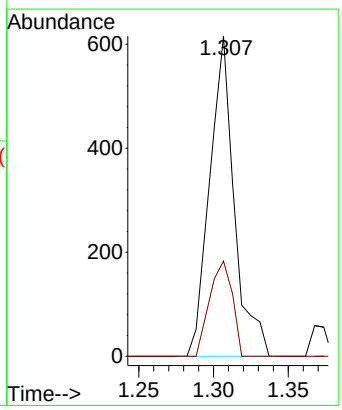


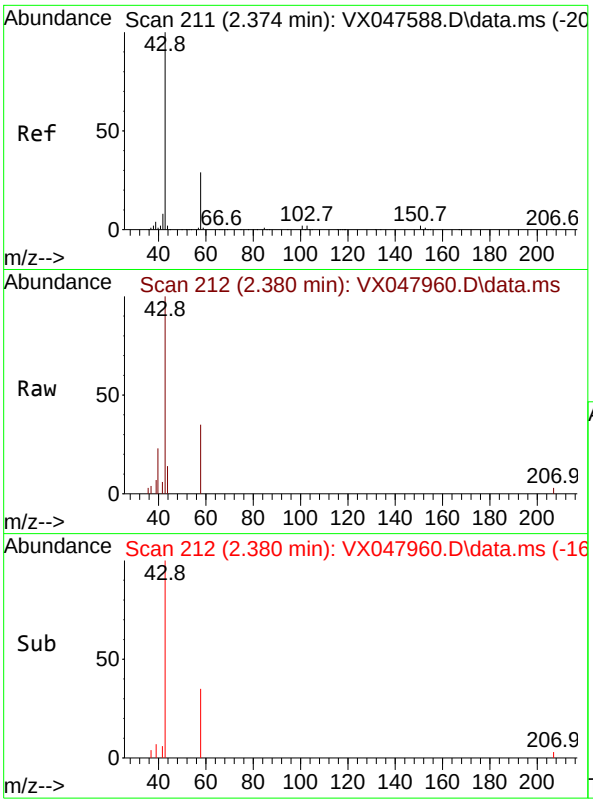


#3
Chloromethane
Concen: 0.319 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX047960.D
Acq: 02 Oct 2025 12:26

Tgt Ion: 50 Resp: 705

Ion	Ratio	Lower	Upper
50	100		
52	29.7	26.1	39.1



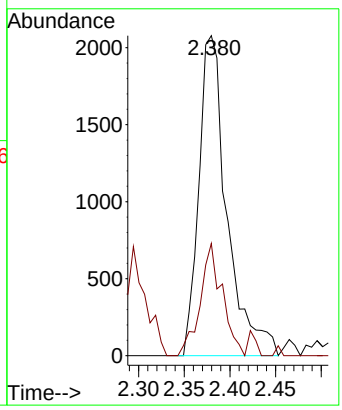


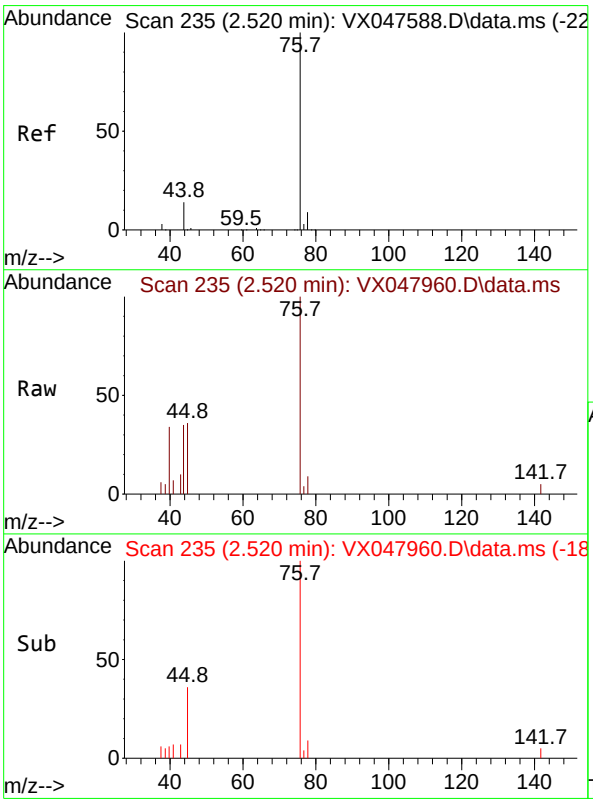
#16
Acetone
Concen: 3.955 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047960.D
Acq: 02 Oct 2025 12:26

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-480-482

Tgt Ion: 43 Resp: 4441

Ion	Ratio	Lower	Upper
43	100		
58	35.1	23.4	35.0#

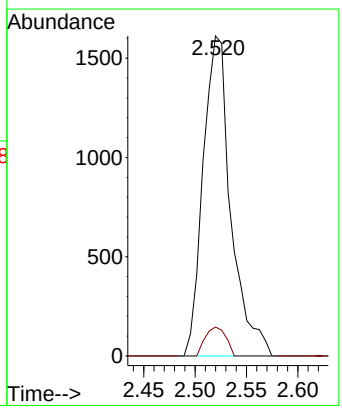


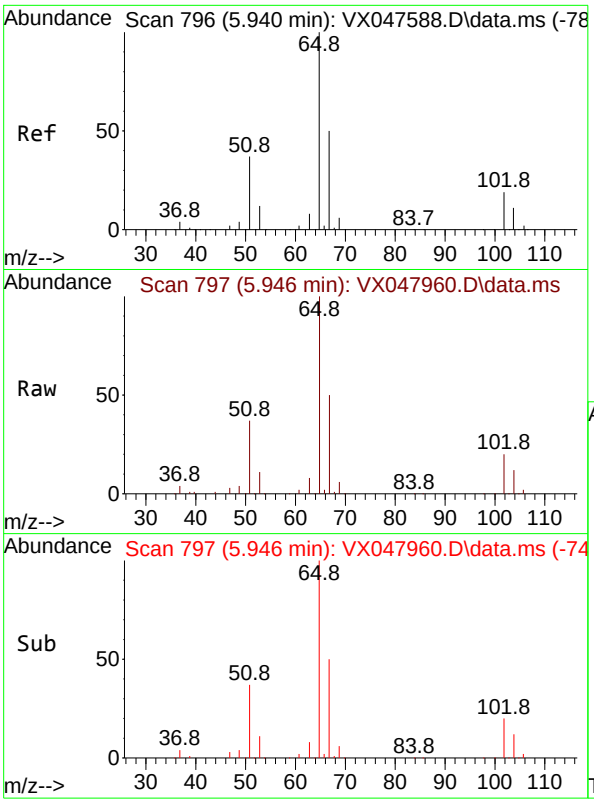


#17
Carbon Disulfide
Concen: 0.574 ug/l
RT: 2.520 min Scan# 235
Delta R.T. -0.000 min
Lab File: VX047960.D
Acq: 02 Oct 2025 12:26

Tgt Ion: 76 Resp: 3029

Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.8	10.2



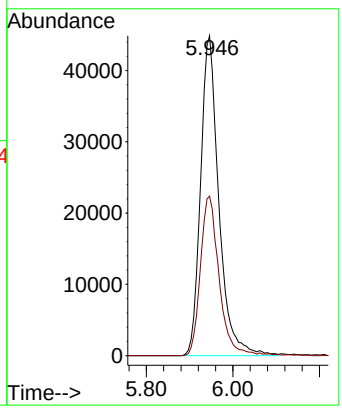


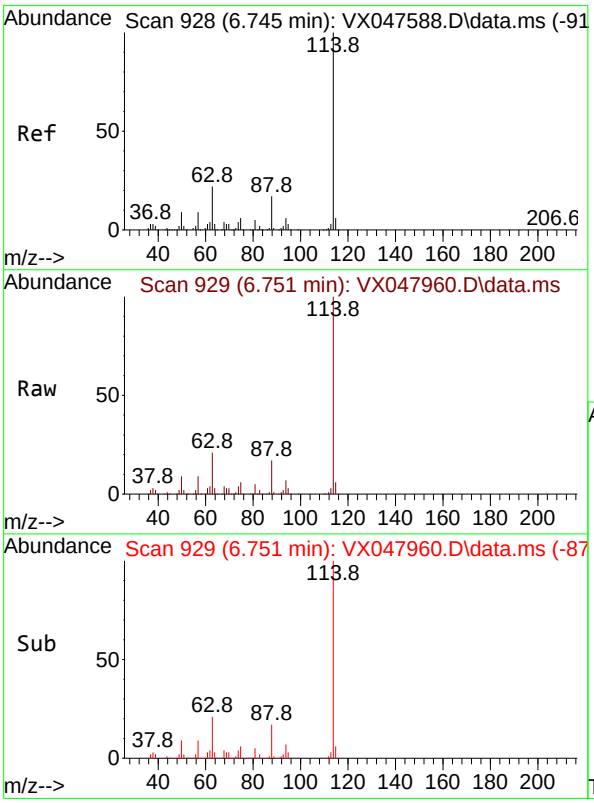
#33
1,2-Dichloroethane-d4
Concen: 50.825 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047960.D
Acq: 02 Oct 2025 12:26

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-480-482

Tgt Ion: 65 Resp: 131258

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	103.0

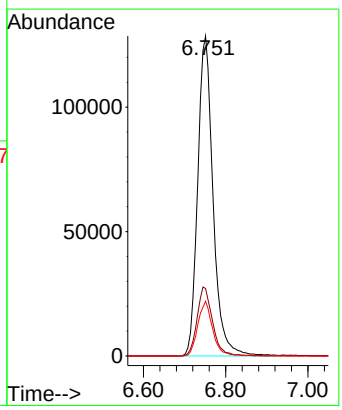


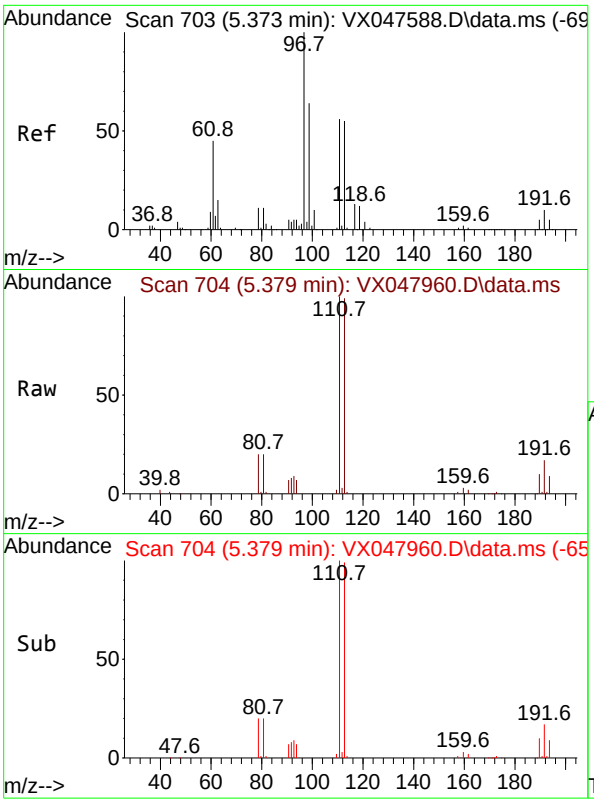


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX047960.D
Acq: 02 Oct 2025 12:26

Tgt Ion:114 Resp: 333521

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	44.0
88	17.1	0.0	34.2



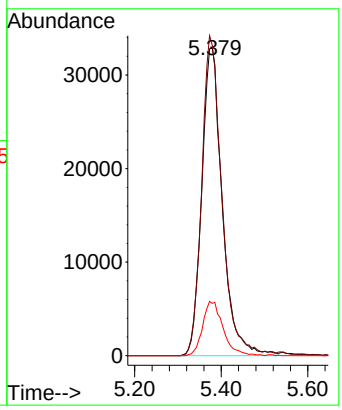


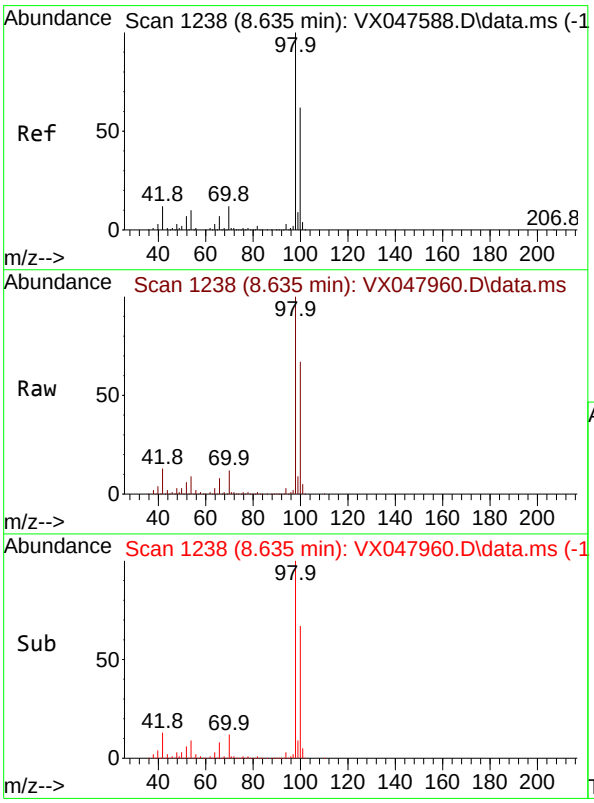
#35
Dibromofluoromethane
Concen: 48.464 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047960.D
Acq: 02 Oct 2025 12:26

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-480-482

Tgt Ion:113 Resp: 108404

Ion	Ratio	Lower	Upper
113	100		
111	102.2	80.9	121.3
192	17.6	14.2	21.4

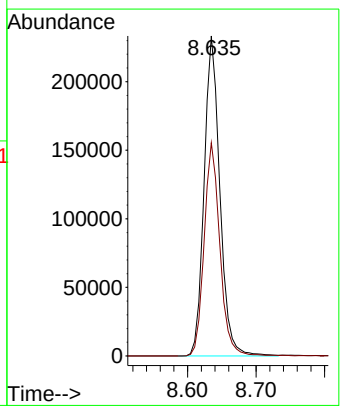


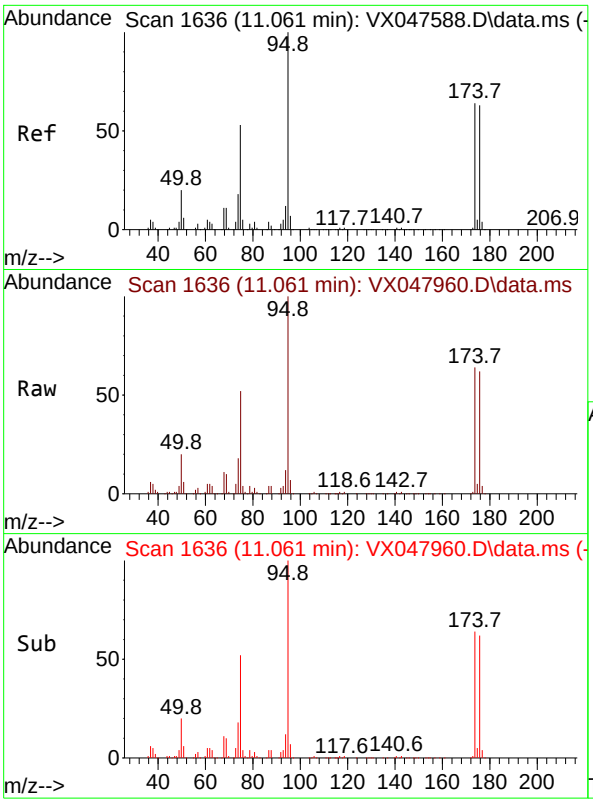


#50
Toluene-d8
Concen: 48.294 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047960.D
Acq: 02 Oct 2025 12:26

Tgt Ion: 98 Resp: 373781

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.4



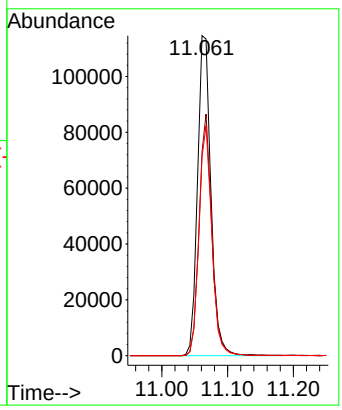


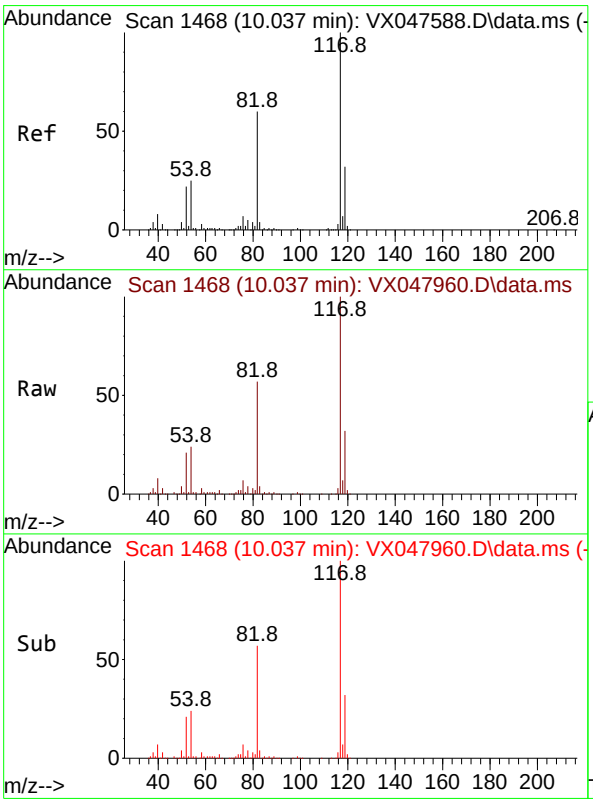
#62
4-Bromofluorobenzene
Concen: 55.184 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047960.D
Acq: 02 Oct 2025 12:26

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-480-482

Tgt Ion: 95 Resp: 162094

Ion	Ratio	Lower	Upper
95	100		
174	71.4	0.0	141.6
176	68.7	0.0	138.4

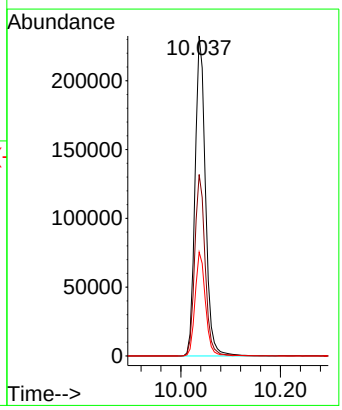


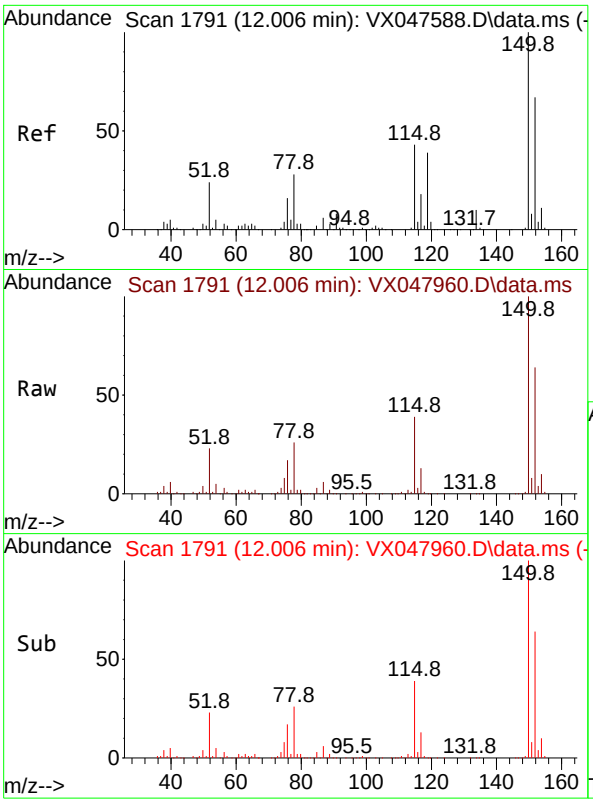


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047960.D
Acq: 02 Oct 2025 12:26

Tgt Ion:117 Resp: 336858

Ion	Ratio	Lower	Upper
117	100		
82	56.7	47.8	71.6
119	32.5	25.2	37.8



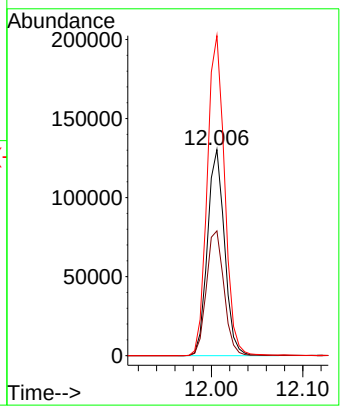


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047960.D
Acq: 02 Oct 2025 12:26

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-480-482

Tgt Ion:152 Resp: 168922

Ion	Ratio	Lower	Upper
152	100		
115	62.6	44.9	134.5
150	158.1	0.0	352.0



Sample Results: **VX047960.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047960.D
Acq On : 02 Oct 2025 12:26
Operator : JC/MD
Sample : Q3246-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-480-482

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\82X091625W.M
Title : SW846 8260

Signal : TIC: VX047960.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.373	692	703	721	rBV3	107815	352488	33.10%	5.970%
2	5.544	721	731	759	rVB	159796	507246	47.63%	8.591%
3	5.946	786	797	819	rBV	118812	354101	33.25%	5.997%
4	6.751	918	929	952	rBV	304638	790672	74.25%	13.391%
5	8.635	1231	1238	1258	rBV	625249	1013922	95.22%	17.172%
6	10.037	1462	1468	1488	rBV	727062	1056513	99.21%	17.893%
7	11.067	1631	1637	1647	rBV	538537	764777	71.82%	12.952%
8	12.006	1785	1791	1802	rBV	792741	1064874	100.00%	18.035%

Sum of corrected areas: 5904593

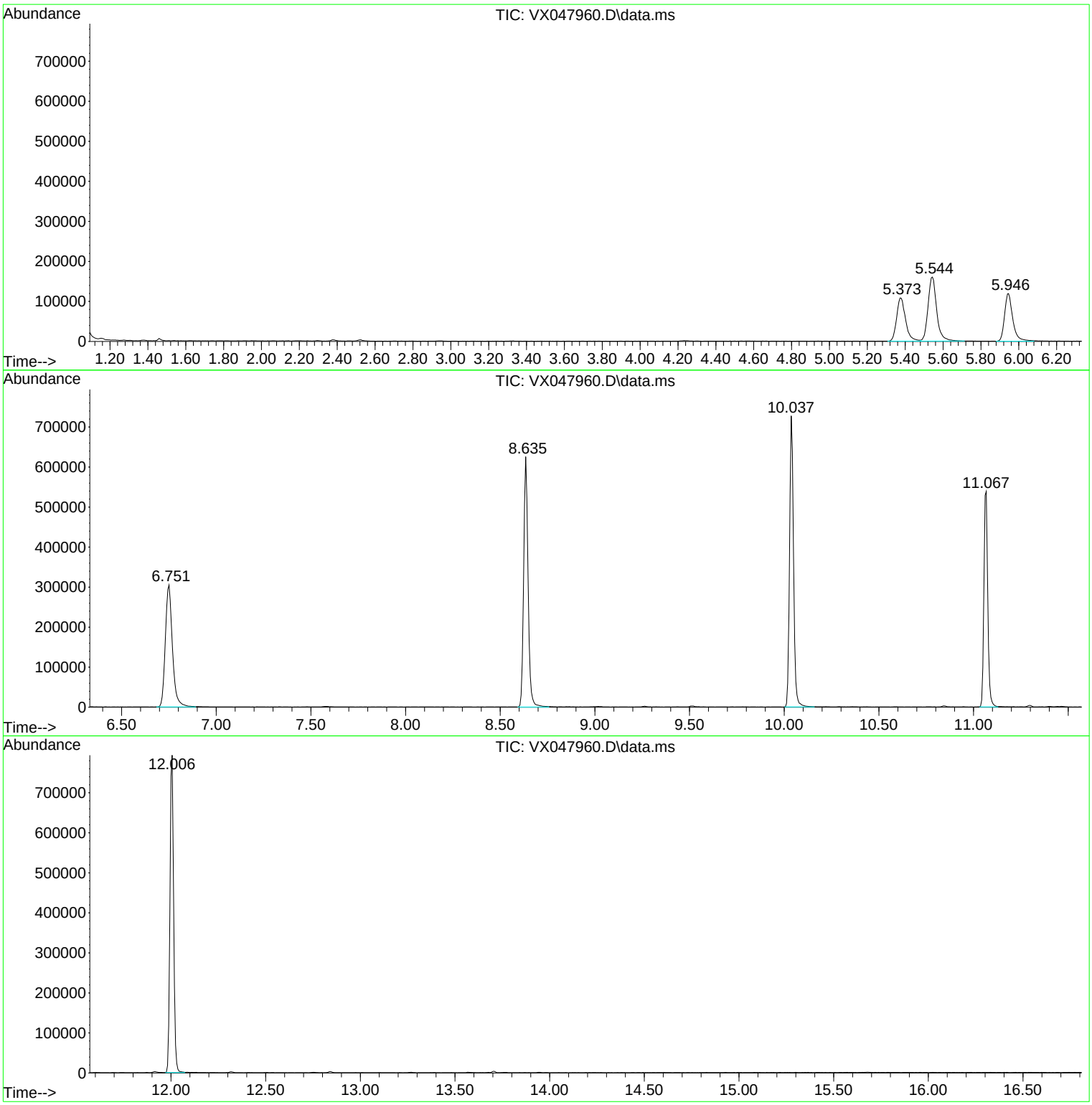
Sample Results: **VX047960.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047960.D
Acq On : 02 Oct 2025 12:26
Operator : JC/MD
Sample : Q3246-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-480-482

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047960.D
Acq On : 02 Oct 2025 12:26
Operator : JC/MD
Sample : Q3246-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-480-482

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.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\VX100225\
Data File : VX047960.D
Acq On : 02 Oct 2025 12:26
Operator : JC/MD
Sample : Q3246-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-480-482

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

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

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

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	09/25/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/29/25
Client Sample ID:	BP-VPB-184-GW-500-502	SDG No.:	Q3246
Lab Sample ID:	Q3246-04	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
VX047961.D	1	10/02/25 12:46	VX100225

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	0.67	J	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	10.8		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	2.20	J	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	09/25/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/29/25
Client Sample ID:	BP-VPB-184-GW-500-502	SDG No.:	Q3246
Lab Sample ID:	Q3246-04	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
VX047961.D	1	10/02/25 12:46	VX100225

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	54.7		81 - 118		109%	SPK: 50
1868-53-7	Dibromofluoromethane	50.2		80 - 119		100%	SPK: 50
2037-26-5	Toluene-d8	49.1		89 - 112		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.6		85 - 114		113%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	143000	5.543				
540-36-3	1,4-Difluorobenzene	293000	6.75				
3114-55-4	Chlorobenzene-d5	310000	10.036				
3855-82-1	1,4-Dichlorobenzene-d4	157000	12.006				
TENTATIVE IDENTIFIED COMPOUNDS							

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:	09/25/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/29/25
Client Sample ID:	BP-VPB-184-GW-500-502	SDG No.:	Q3246
Lab Sample ID:	Q3246-04	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
VX047961.D	1	10/02/25 12:46	VX100225

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\VX100225\
Data File : VX047961.D
Acq On : 02 Oct 2025 12:46
Operator : JC/MD
Sample : Q3246-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-500-502

Quant Time: Oct 03 03:29:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

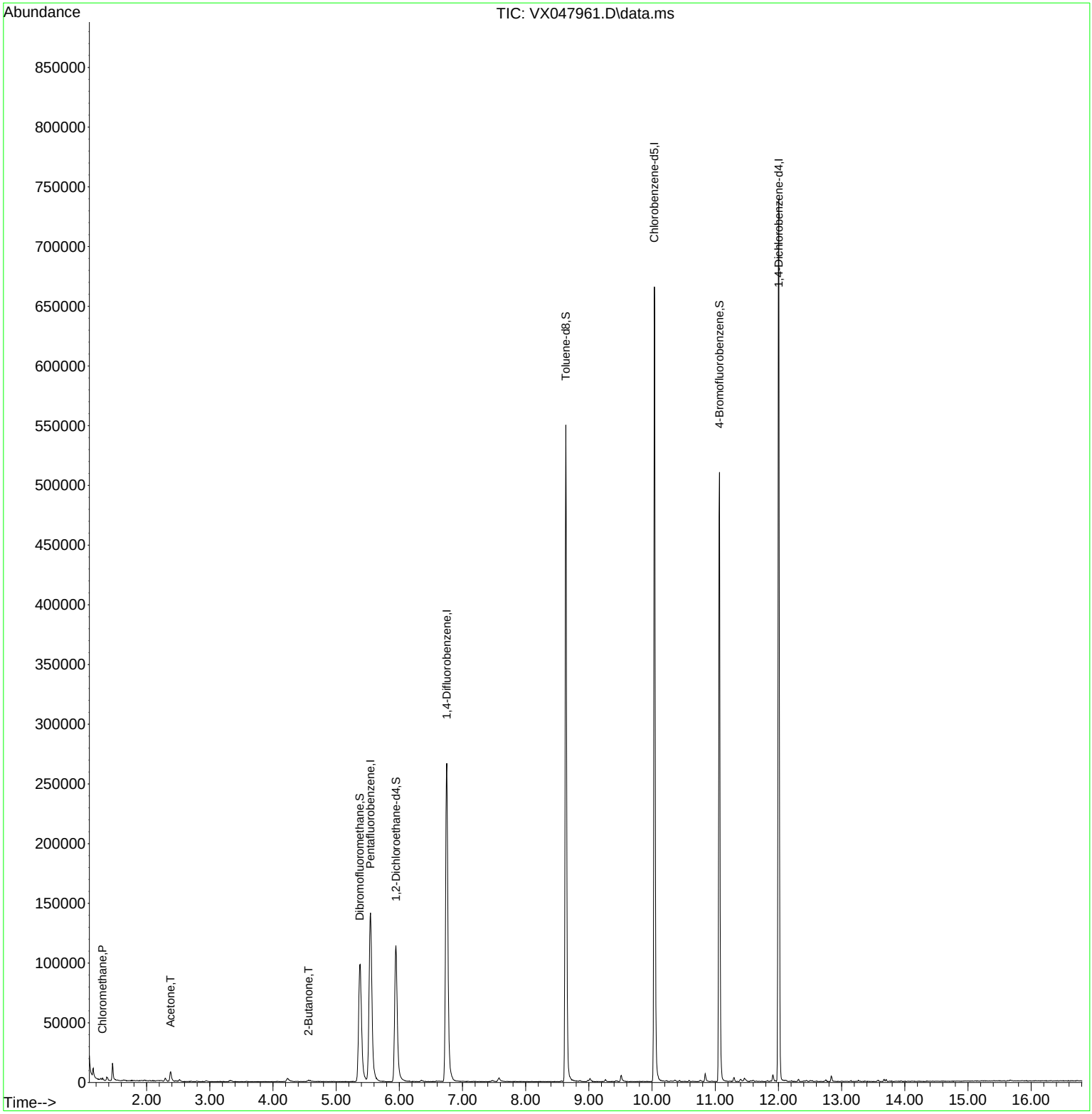
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.543	168	143047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	293439	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	309899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	156960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	124531	54.692	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.380%			
35) Dibromofluoromethane	5.373	113	98868	50.239	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.480%			
50) Toluene-d8	8.634	98	334661	49.146	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.300%			
62) 4-Bromofluorobenzene	11.067	95	146161	56.556	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.120%			
Target Compounds						Qvalue
3) Chloromethane	1.300	50	1310	0.673	ug/l	93
16) Acetone	2.379	43	10657	10.764	ug/l	95
25) 2-Butanone	4.562	43	2693	2.181	ug/l	95

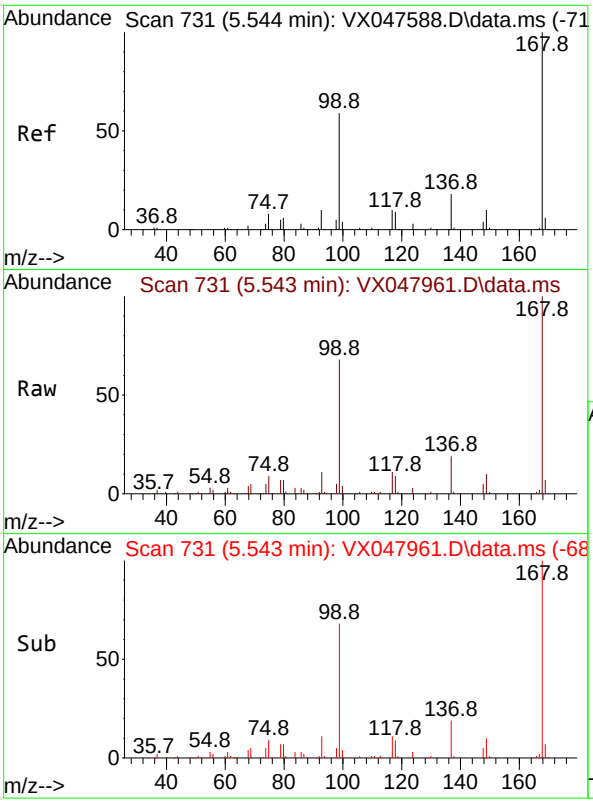
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047961.D
Acq On : 02 Oct 2025 12:46
Operator : JC/MD
Sample : Q3246-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-500-502

Quant Time: Oct 03 03:29:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



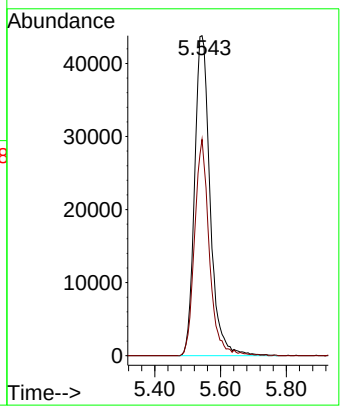


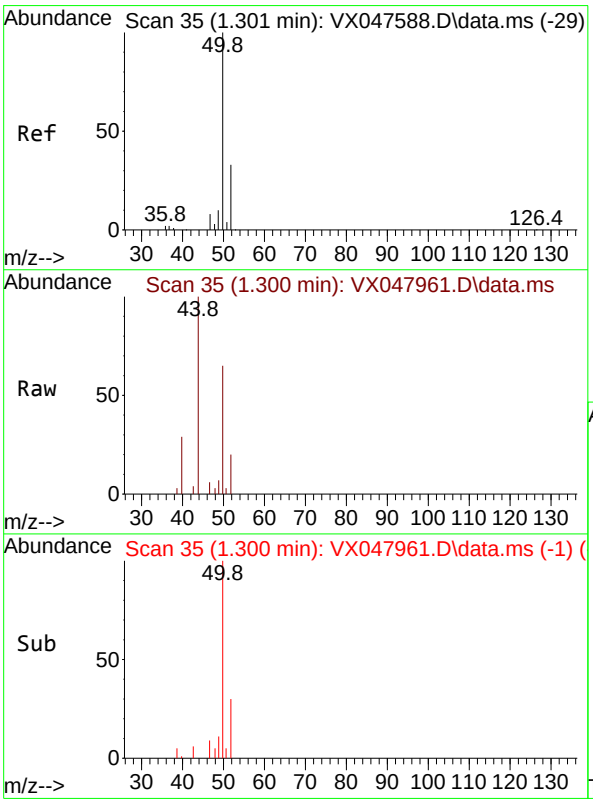
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 7
Delta R.T. -0.001 min
Lab File: VX047961.D
Acq: 02 Oct 2025 12:46

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-500-502

Tgt Ion:168 Resp: 143047

Ion	Ratio	Lower	Upper
168	100		
99	67.6	48.8	73.2

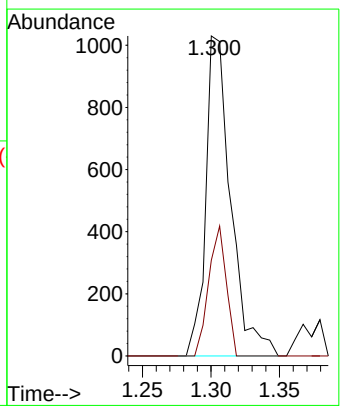


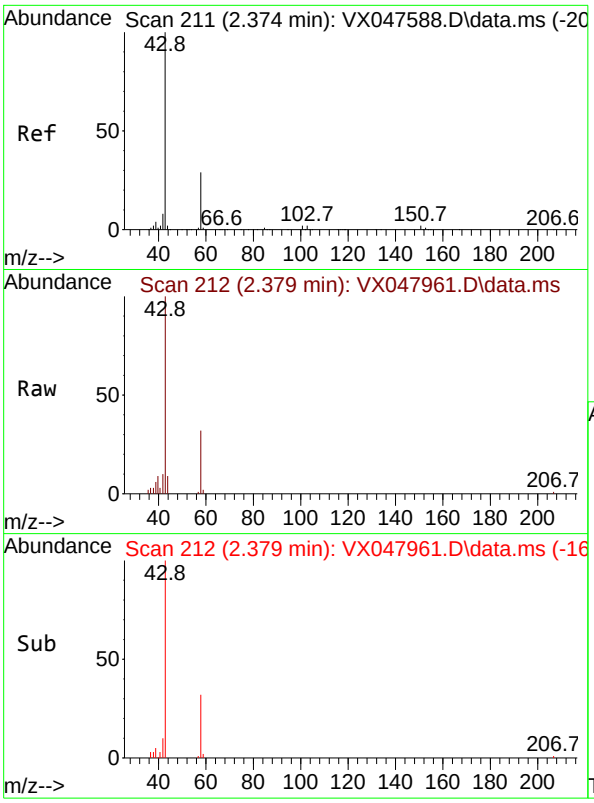


#3
Chloromethane
Concen: 0.673 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047961.D
Acq: 02 Oct 2025 12:46

Tgt Ion: 50 Resp: 1310

Ion	Ratio	Lower	Upper
50	100		
52	28.5	26.1	39.1



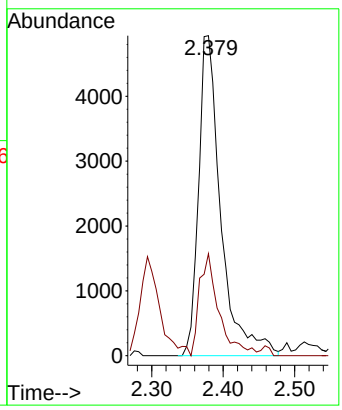


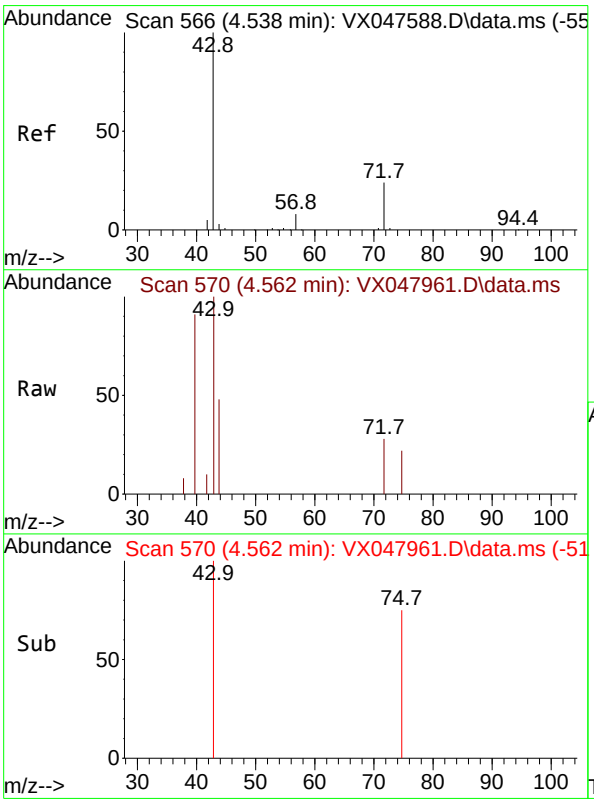
#16
Acetone
Concen: 10.764 ug/l
RT: 2.379 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047961.D
Acq: 02 Oct 2025 12:46

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-500-502

Tgt Ion: 43 Resp: 10657

Ion	Ratio	Lower	Upper
43	100		
58	31.8	23.4	35.0

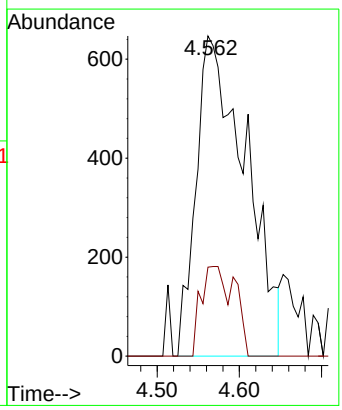


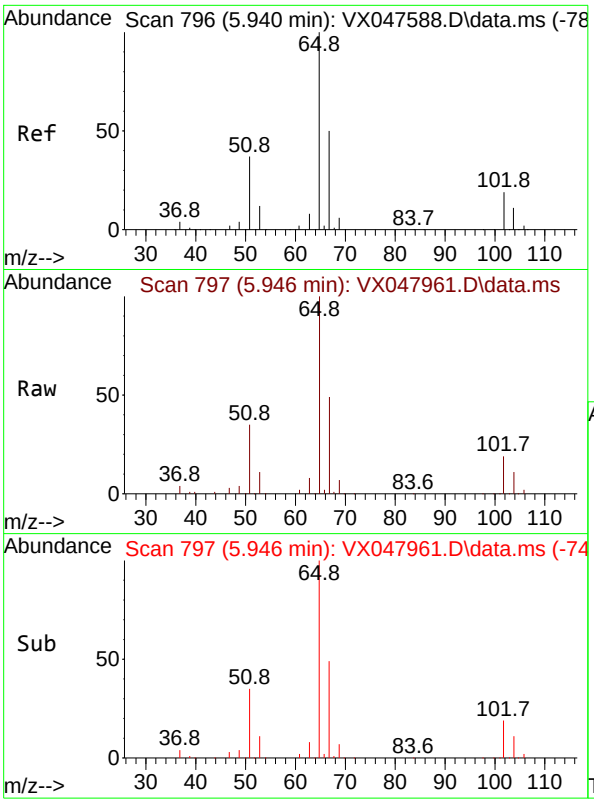


#25
2-Butanone
Concen: 2.181 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.024 min
Lab File: VX047961.D
Acq: 02 Oct 2025 12:46

Tgt Ion: 43 Resp: 2693

Ion	Ratio	Lower	Upper
43	100		
72	27.8	20.1	30.1



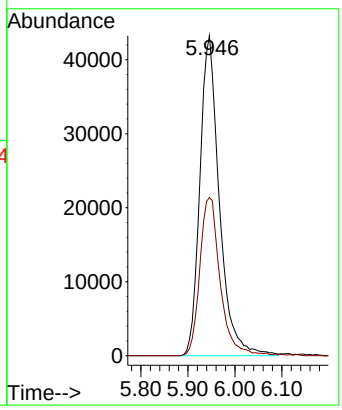


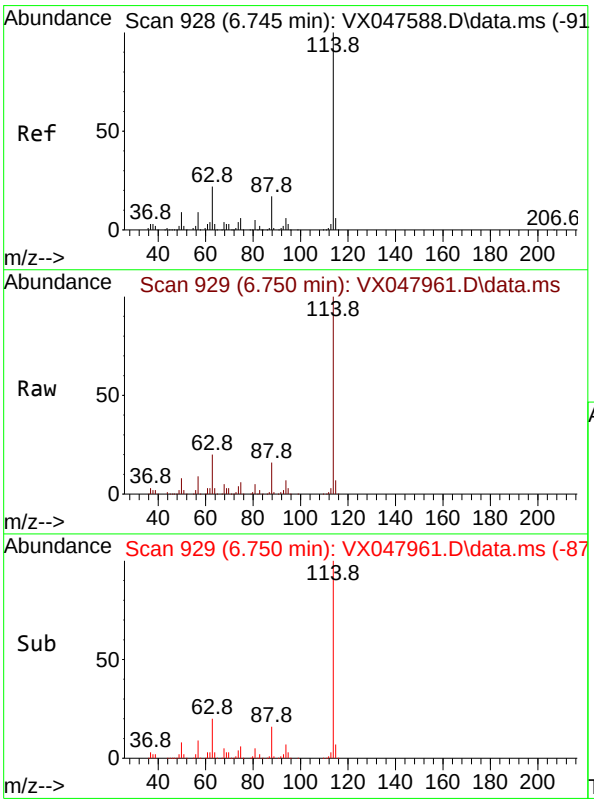
#33
1,2-Dichloroethane-d4
Concen: 54.692 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047961.D
Acq: 02 Oct 2025 12:46

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-500-502

Tgt Ion: 65 Resp: 124531

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.0

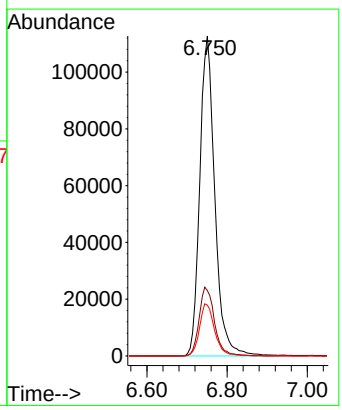


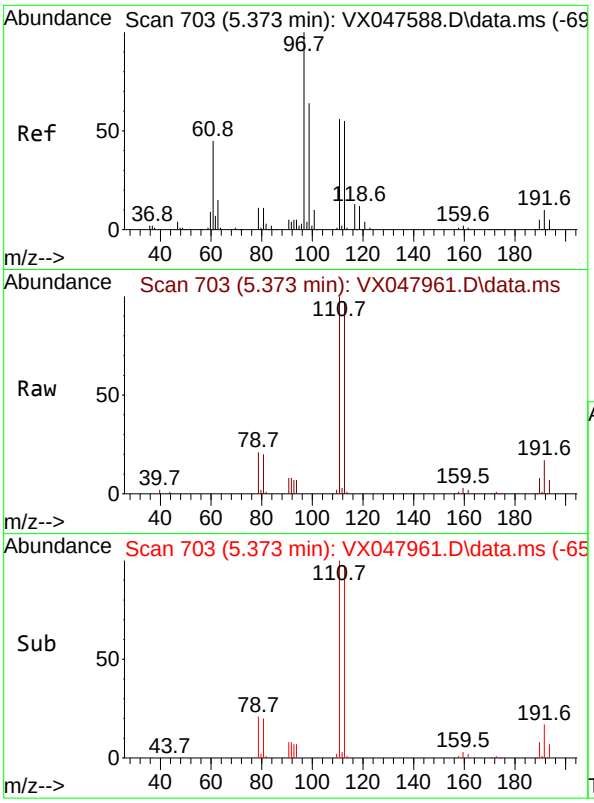


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX047961.D
Acq: 02 Oct 2025 12:46

Tgt Ion:114 Resp: 293439

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	44.0
88	15.9	0.0	34.2



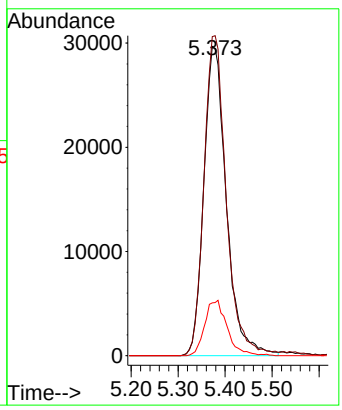


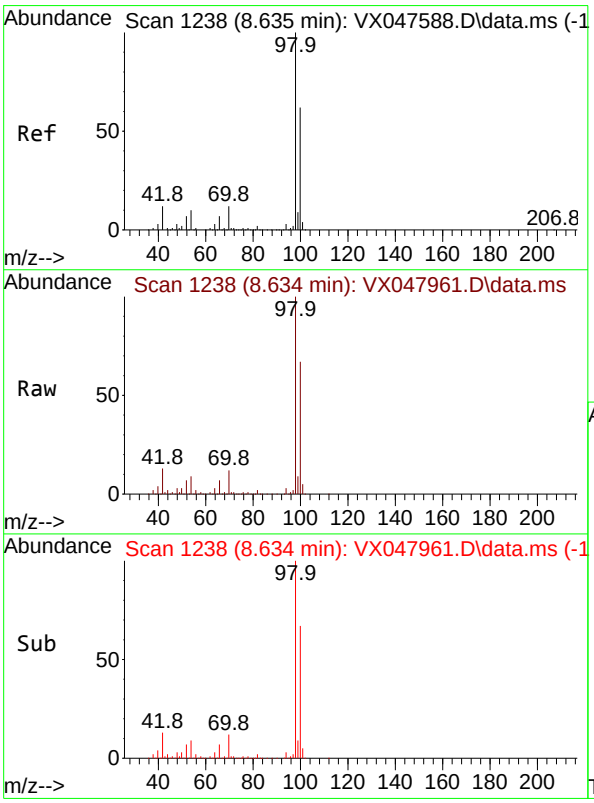
#35
Dibromofluoromethane
Concen: 50.239 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047961.D
Acq: 02 Oct 2025 12:46

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-500-502

Tgt Ion:113 Resp: 98868

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

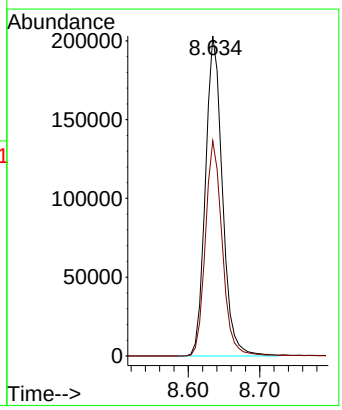


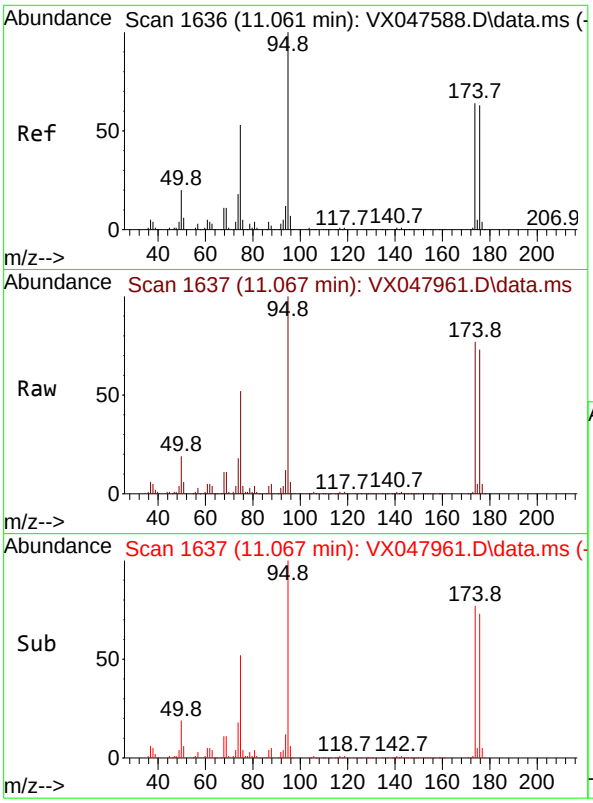


#50
Toluene-d8
Concen: 49.146 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047961.D
Acq: 02 Oct 2025 12:46

Tgt Ion: 98 Resp: 334661

Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.0	79.4



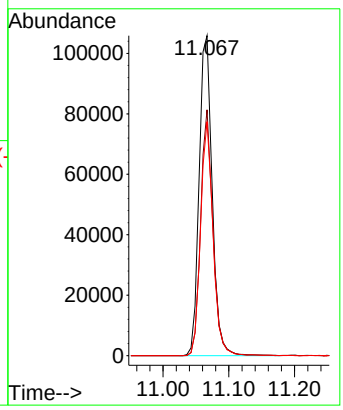


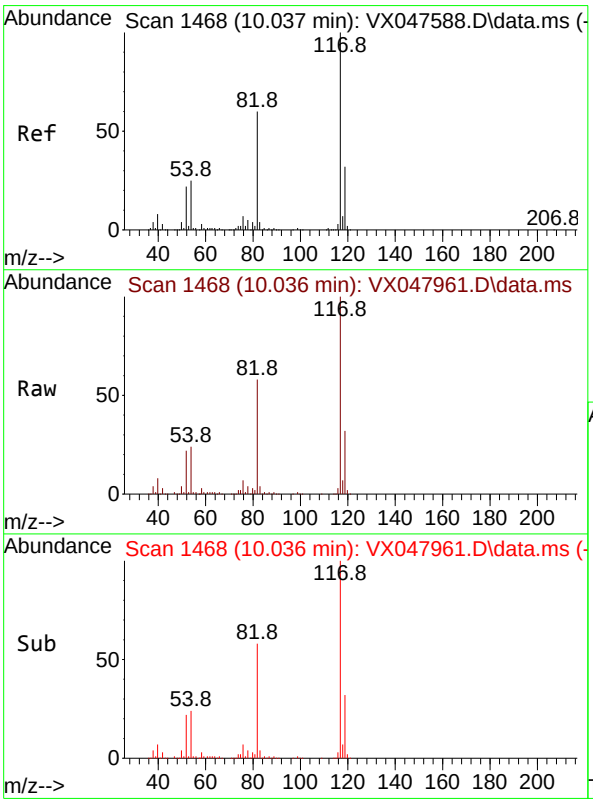
#62
4-Bromofluorobenzene
Concen: 56.556 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047961.D
Acq: 02 Oct 2025 12:46

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-500-502

Tgt Ion: 95 Resp: 146161

Ion	Ratio	Lower	Upper
95	100		
174	72.6	0.0	141.6
176	69.9	0.0	138.4

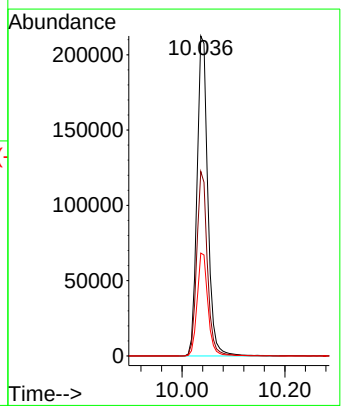


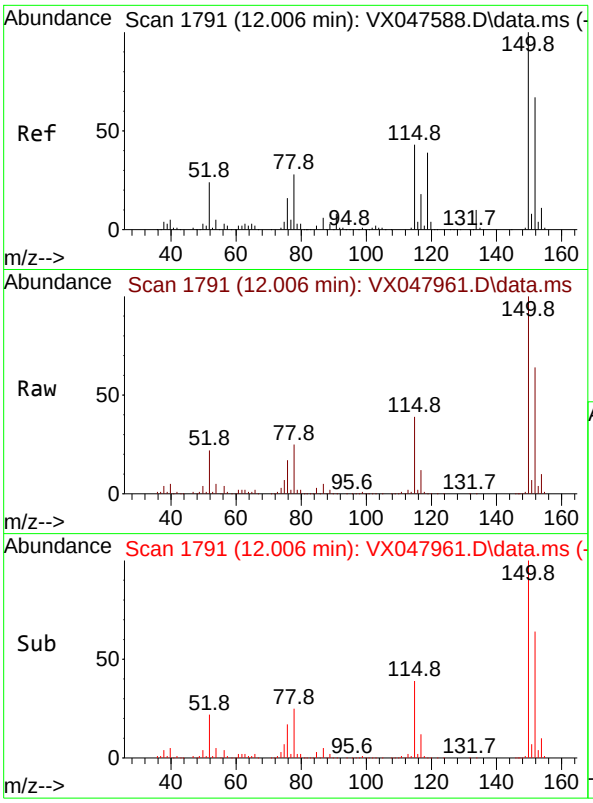


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047961.D
Acq: 02 Oct 2025 12:46

Tgt Ion:117 Resp: 309899

Ion	Ratio	Lower	Upper
117	100		
82	57.7	47.8	71.6
119	32.2	25.2	37.8



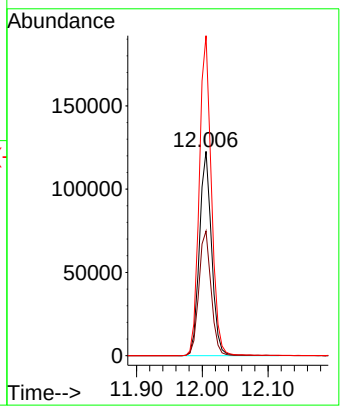


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047961.D
Acq: 02 Oct 2025 12:46

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-500-502

Tgt Ion:152 Resp: 156960

Ion	Ratio	Lower	Upper
152	100		
115	61.6	44.9	134.5
150	156.6	0.0	352.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047961.D
Acq On : 02 Oct 2025 12:46
Operator : JC/MD
Sample : Q3246-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-500-502

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\82X091625W.M
Title : SW846 8260

Signal : TIC: VX047961.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.154	8	11	25	rVB2	9336	16704	1.71%	0.308%
2	1.459	57	61	71	rBV	14380	18781	1.92%	0.346%
3	2.379	207	212	221	rVB	7825	14667	1.50%	0.271%
4	5.379	691	704	720	rBV	98161	321768	32.96%	5.936%
5	5.543	720	731	757	rVB	141045	448095	45.90%	8.267%
6	5.946	786	797	819	rBV	113866	336975	34.52%	6.217%
7	6.750	919	929	949	rBV2	266523	703124	72.02%	12.971%
8	8.634	1232	1238	1256	rBV	549576	906091	92.81%	16.716%
9	9.512	1374	1382	1392	rBV2	5267	10080	1.03%	0.186%
10	10.036	1462	1468	1484	rBV	665577	968441	99.20%	17.866%
11	11.067	1631	1637	1655	rBV	510216	699561	71.66%	12.906%
12	12.006	1785	1791	1801	rBV	739054	976289	100.00%	18.011%

Sum of corrected areas: 5420576

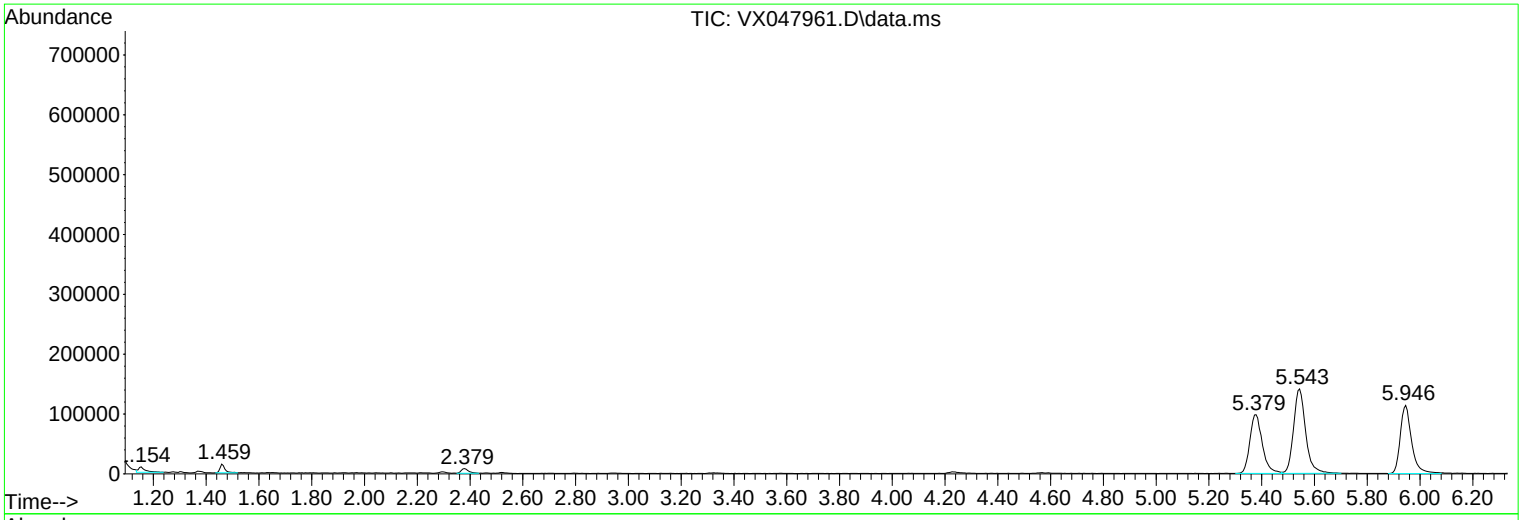
Sample Results: **VX047961.D**

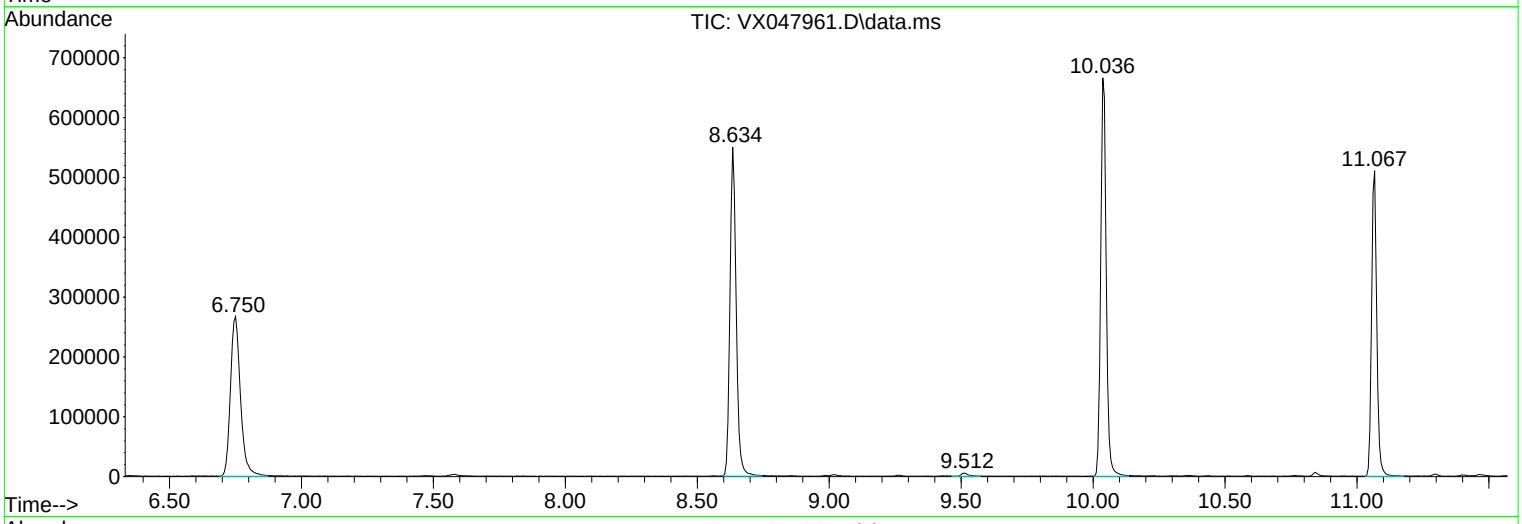
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047961.D
Acq On : 02 Oct 2025 12:46
Operator : JC/MD
Sample : Q3246-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

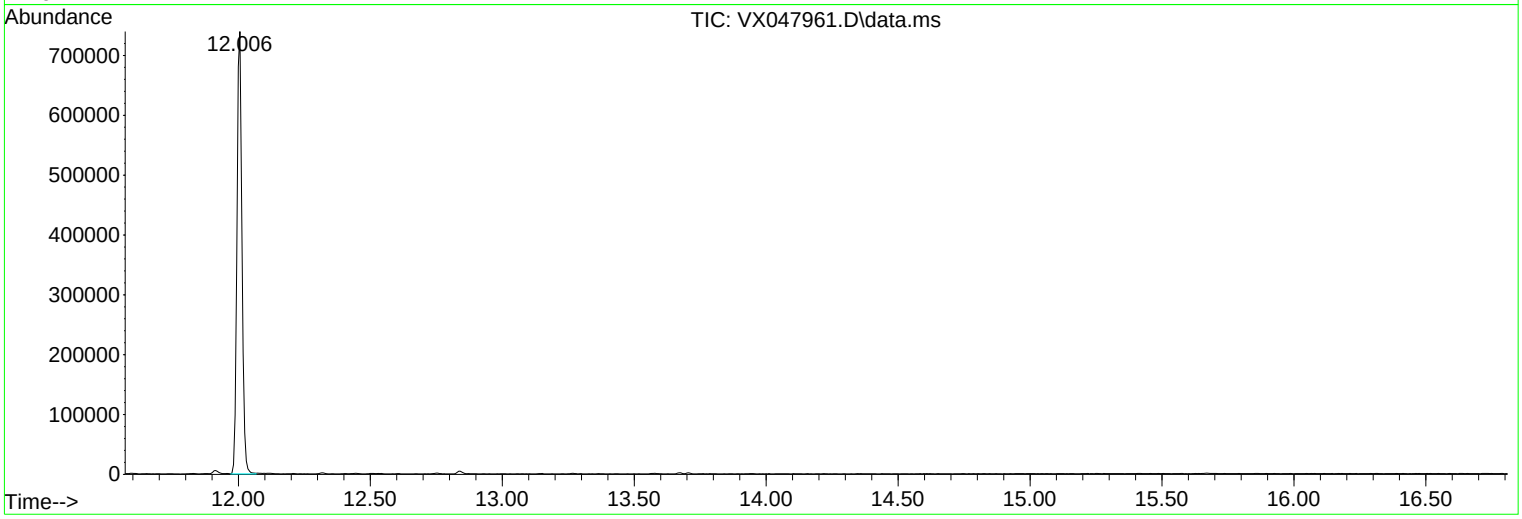
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-500-502

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047961.D
Acq On : 02 Oct 2025 12:46
Operator : JC/MD
Sample : Q3246-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-500-502

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047961.D
Acq On : 02 Oct 2025 12:46
Operator : JC/MD
Sample : Q3246-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-500-502

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

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

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

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	09/25/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/29/25
Client Sample ID:	BP-VPB-184-DUP-20250925	SDG No.:	Q3246
Lab Sample ID:	Q3246-05	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
VX047962.D	1	10/02/25 13:07	VX100225

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	4.10	J	1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	09/25/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/29/25
Client Sample ID:	BP-VPB-184-DUP-20250925	SDG No.:	Q3246
Lab Sample ID:	Q3246-05	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
VX047962.D	1	10/02/25 13:07	VX100225

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	54.8		81 - 118		110%	SPK: 50
1868-53-7	Dibromofluoromethane	49.7		80 - 119		99%	SPK: 50
2037-26-5	Toluene-d8	49.2		89 - 112		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.4		85 - 114		113%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	135000	5.544				
540-36-3	1,4-Difluorobenzene	286000	6.751				
3114-55-4	Chlorobenzene-d5	299000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	151000	12.006				
TENTATIVE IDENTIFIED COMPOUNDS							

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:	09/25/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/29/25
Client Sample ID:	BP-VPB-184-DUP-20250925	SDG No.:	Q3246
Lab Sample ID:	Q3246-05	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
VX047962.D	1	10/02/25 13:07	VX100225

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\VX100225\
Data File : VX047962.D
Acq On : 02 Oct 2025 13:07
Operator : JC/MD
Sample : Q3246-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20250925

Quant Time: Oct 03 03:29:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

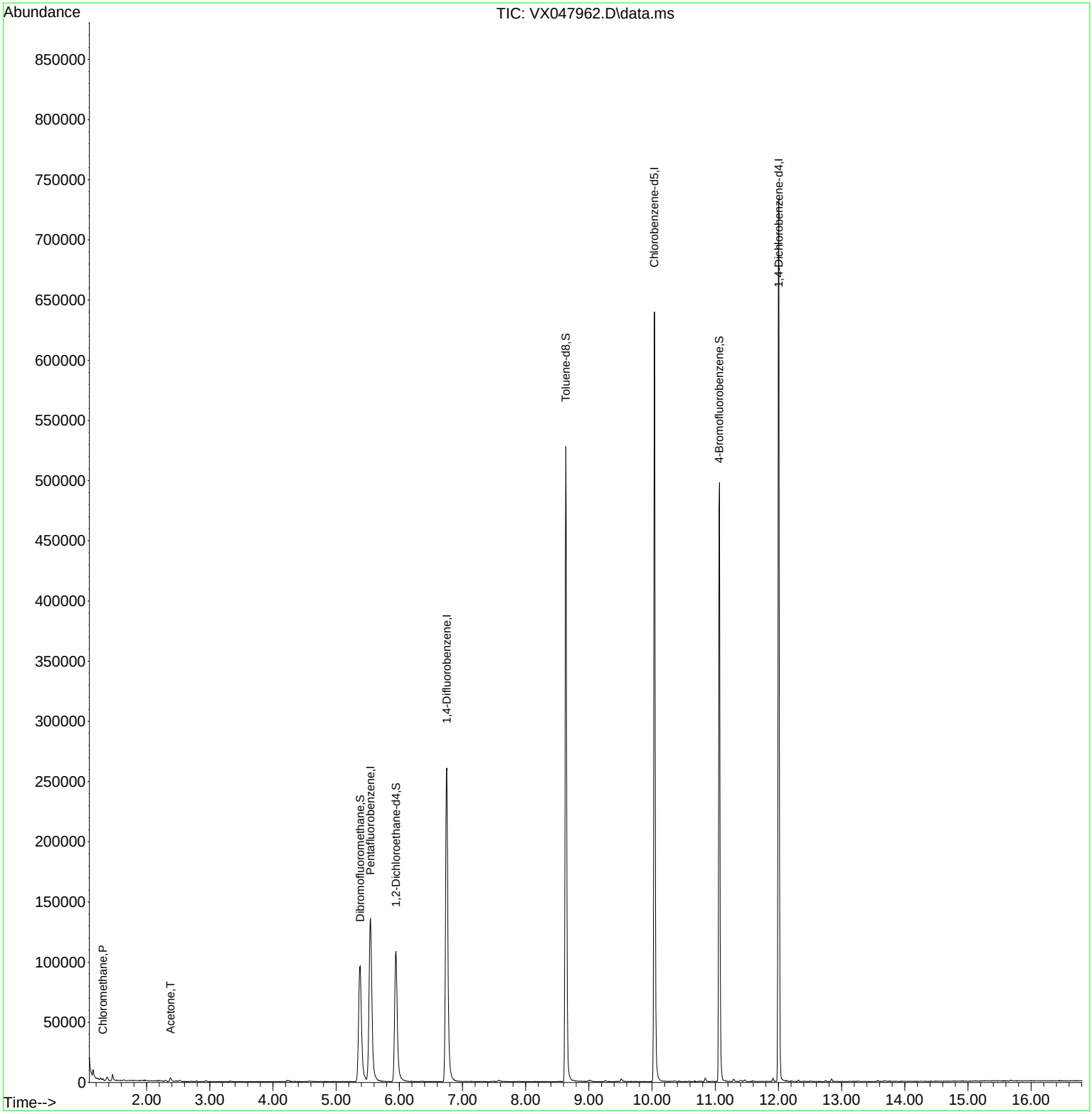
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	135174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	286335	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	299172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	150587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	117999	54.842	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.680%			
35) Dibromofluoromethane	5.379	113	95408	49.683	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.360%			
50) Toluene-d8	8.635	98	326742	49.173	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.340%			
62) 4-Bromofluorobenzene	11.061	95	142221	56.397	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.800%			
Target Compounds						Qvalue
3) Chloromethane	1.307	50	496	0.270	ug/l	95
16) Acetone	2.380	43	3821	4.084	ug/l	95

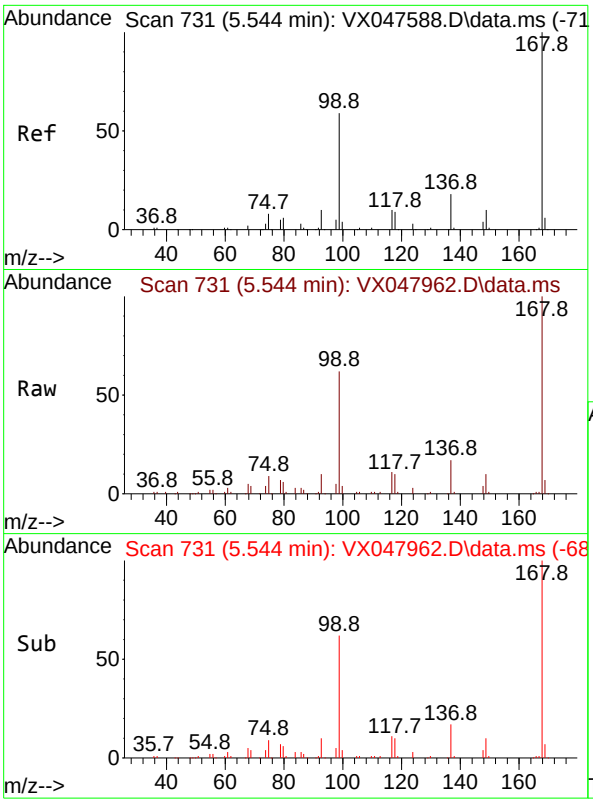
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047962.D
Acq On : 02 Oct 2025 13:07
Operator : JC/MD
Sample : Q3246-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20250925

Quant Time: Oct 03 03:29:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



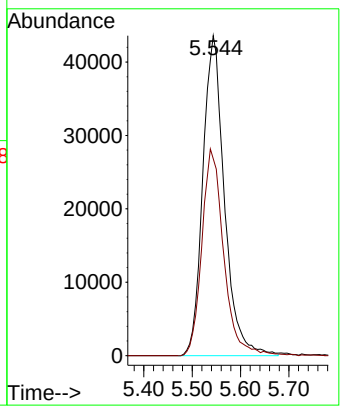


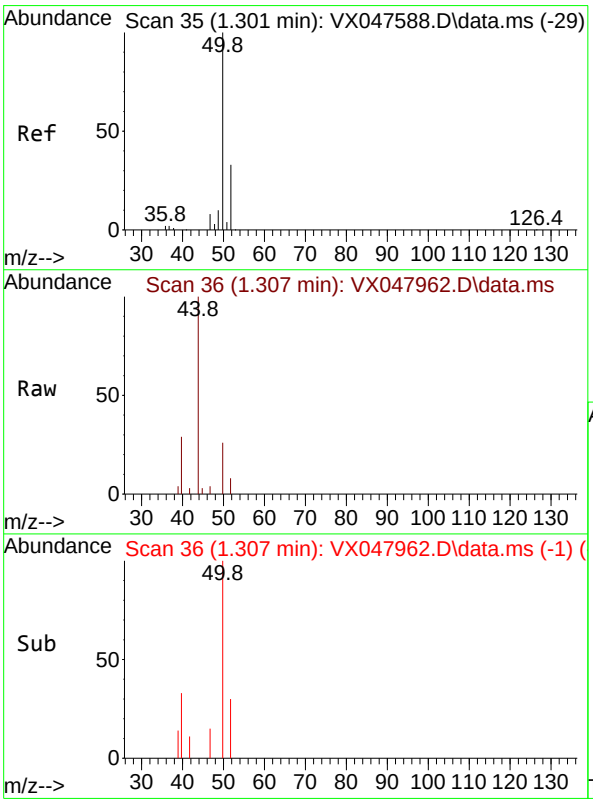
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047962.D
Acq: 02 Oct 2025 13:07

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20250925

Tgt Ion:168 Resp: 135174

Ion	Ratio	Lower	Upper
168	100		
99	61.6	48.8	73.2

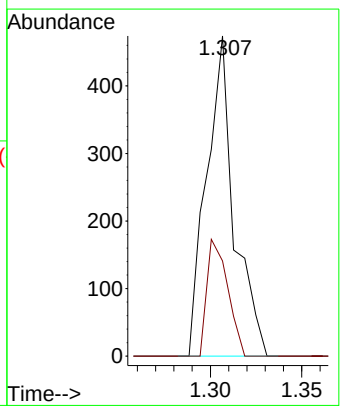


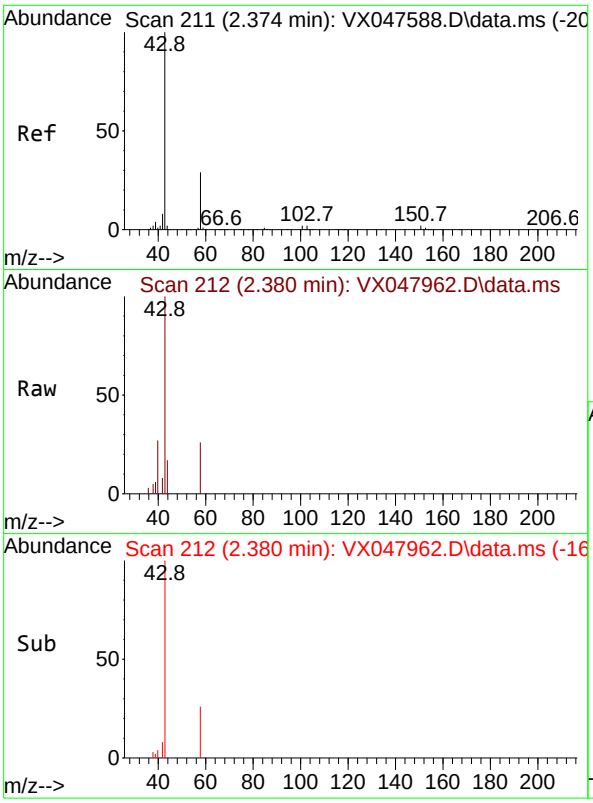


#3
Chloromethane
Concen: 0.270 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX047962.D
Acq: 02 Oct 2025 13:07

Tgt Ion: 50 Resp: 496

Ion	Ratio	Lower	Upper
50	100		
52	29.7	26.1	39.1



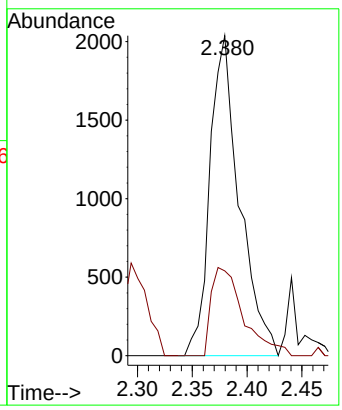


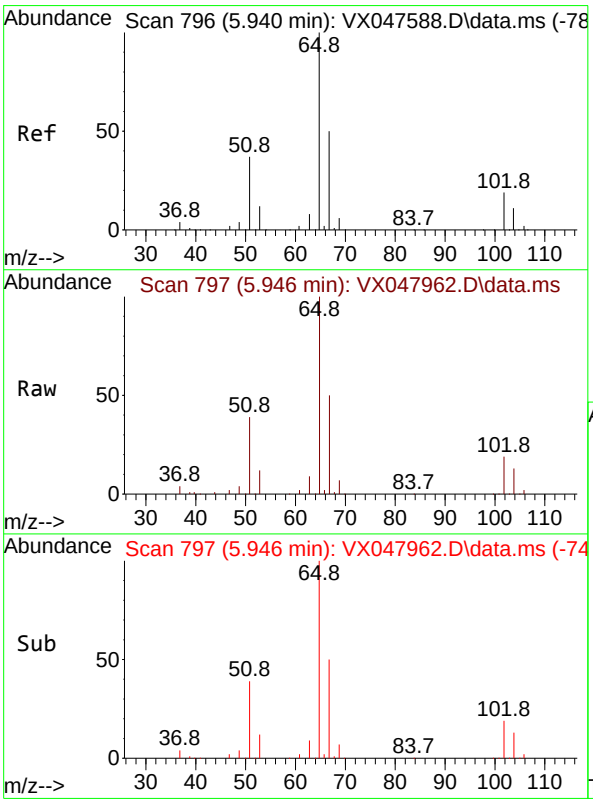
#16
Acetone
Concen: 4.084 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047962.D
Acq: 02 Oct 2025 13:07

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20250925

Tgt Ion: 43 Resp: 3821

Ion	Ratio	Lower	Upper
43	100		
58	26.5	23.4	35.0

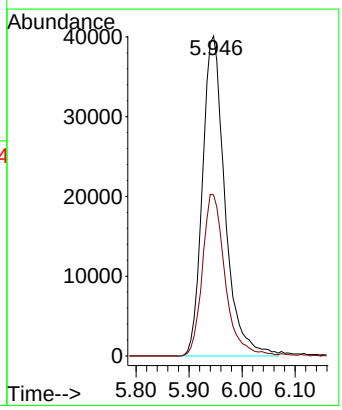


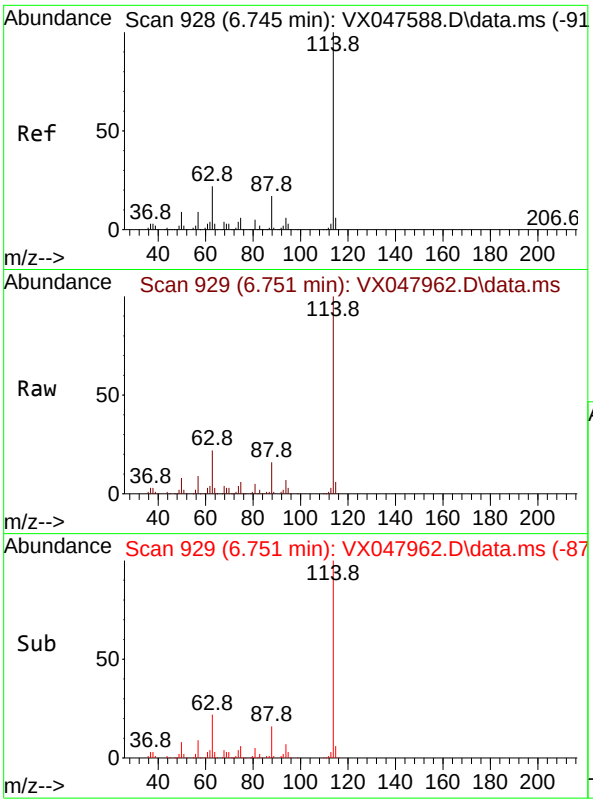


#33
1,2-Dichloroethane-d4
Concen: 54.842 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047962.D
Acq: 02 Oct 2025 13:07

Tgt Ion: 65 Resp: 117999

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	103.0



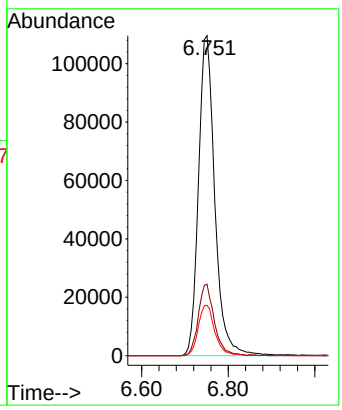


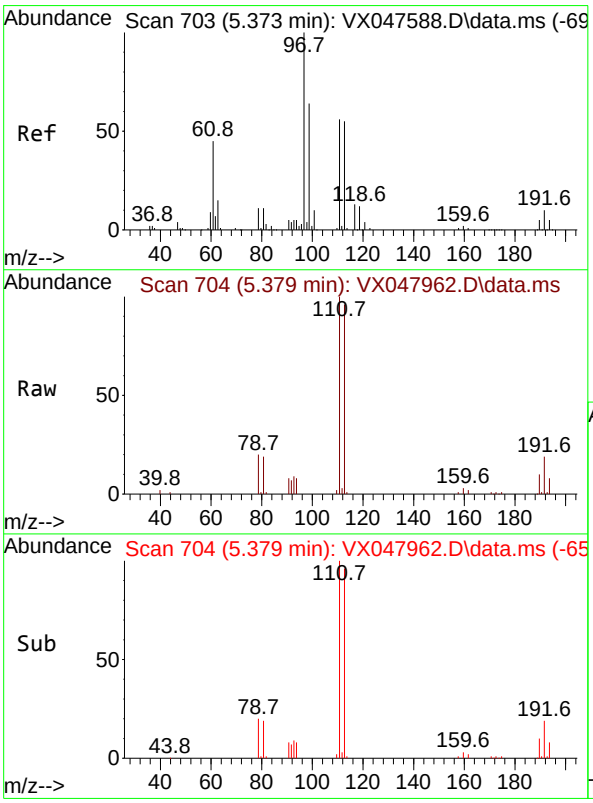
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX047962.D
Acq: 02 Oct 2025 13:07

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20250925

Tgt Ion:114 Resp: 286335

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	44.0
88	15.8	0.0	34.2

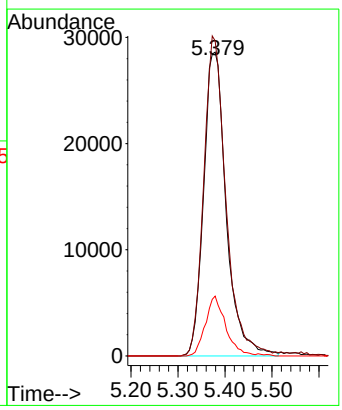


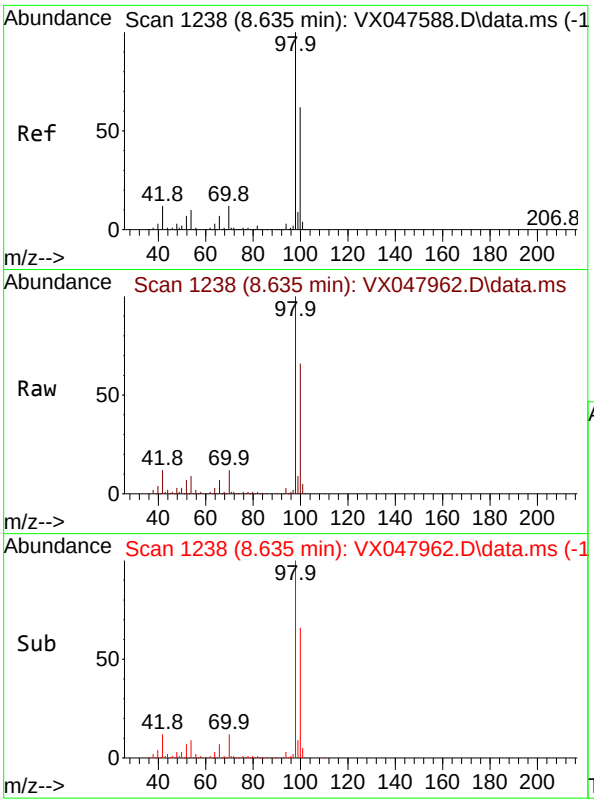


#35
Dibromofluoromethane
Concen: 49.683 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047962.D
Acq: 02 Oct 2025 13:07

Tgt Ion:113 Resp: 95408

Ion	Ratio	Lower	Upper
113	100		
111	104.0	80.9	121.3
192	17.7	14.2	21.4



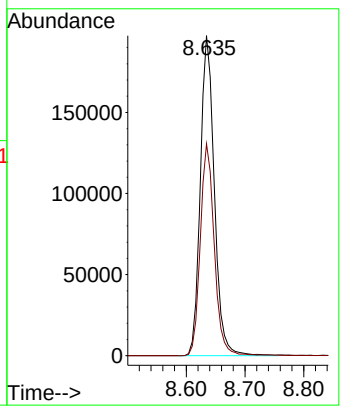


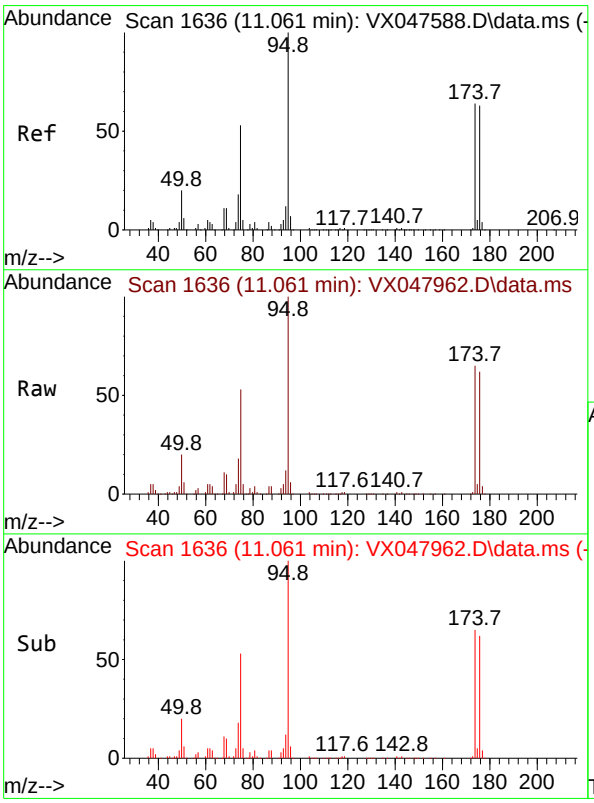
#50
Toluene-d8
Concen: 49.173 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047962.D
Acq: 02 Oct 2025 13:07

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20250925

Tgt Ion: 98 Resp: 326742

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.4

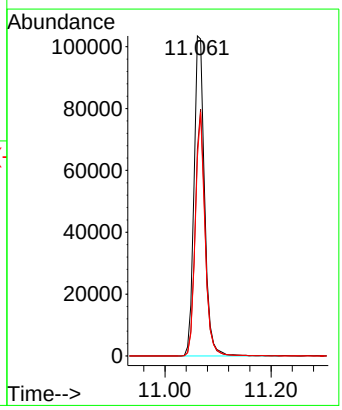


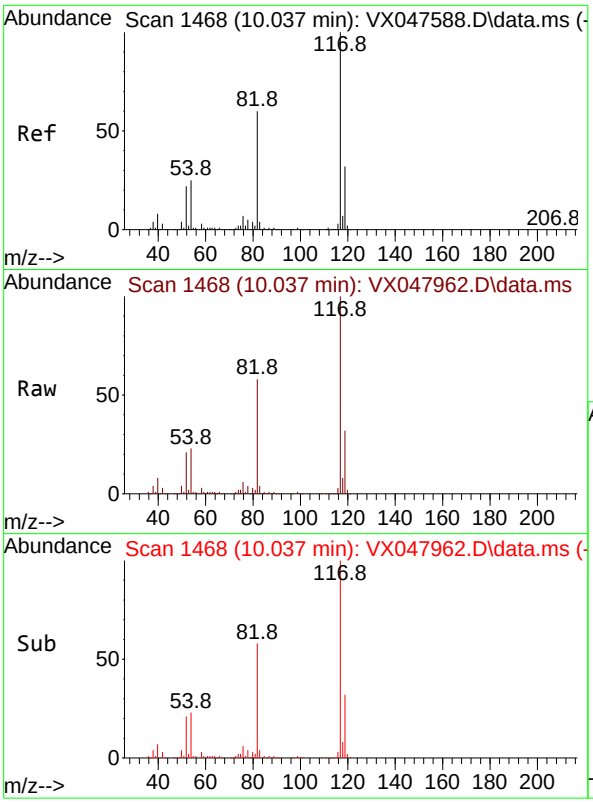


#62
4-Bromofluorobenzene
Concen: 56.397 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047962.D
Acq: 02 Oct 2025 13:07

Tgt Ion: 95 Resp: 142221

Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	141.6
176	70.3	0.0	138.4



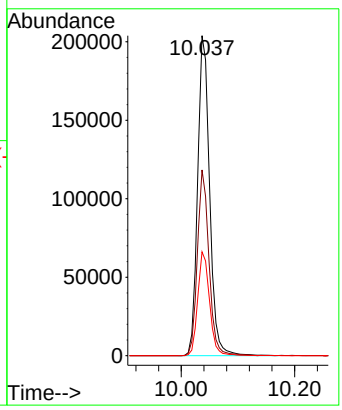


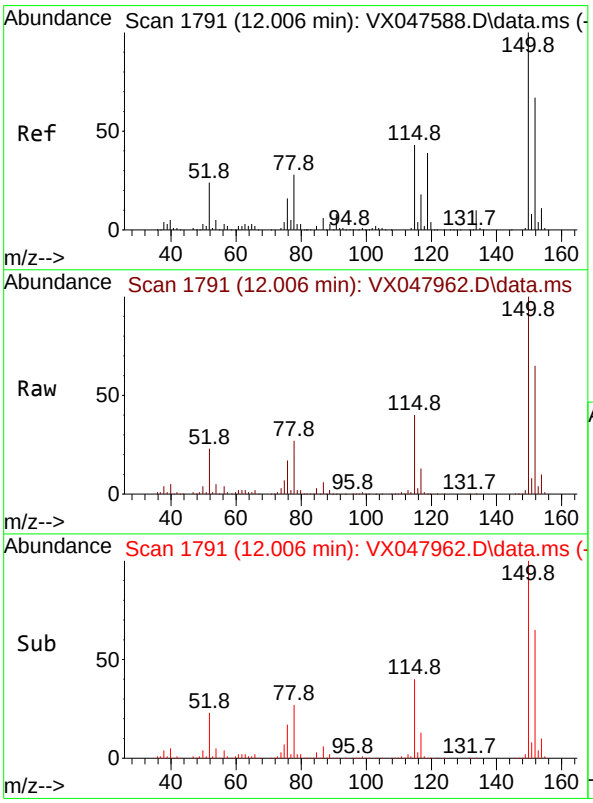
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047962.D
Acq: 02 Oct 2025 13:07

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20250925

Tgt Ion:117 Resp: 299172

Ion	Ratio	Lower	Upper
117	100		
82	58.0	47.8	71.6
119	32.4	25.2	37.8

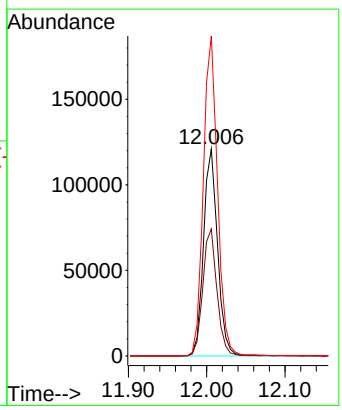




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047962.D
Acq: 02 Oct 2025 13:07

Tgt Ion:152 Resp: 150587

Ion	Ratio	Lower	Upper
152	100		
115	61.9	44.9	134.5
150	156.1	0.0	352.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047962.D
Acq On : 02 Oct 2025 13:07
Operator : JC/MD
Sample : Q3246-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20250925

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\82X091625W.M
Title : SW846 8260

Signal : TIC: VX047962.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.154	8	11	18	rVB2	7014	10673	1.13%	0.206%
2	5.379	692	704	720	rBV	95883	313520	33.22%	6.046%
3	5.544	720	731	752	rVB2	134502	426657	45.21%	8.227%
4	5.946	786	797	823	rBV2	108506	321825	34.10%	6.206%
5	6.751	919	929	950	rBV	260423	681380	72.20%	13.139%
6	8.635	1231	1238	1255	rBV	527712	881982	93.46%	17.008%
7	10.037	1462	1468	1489	rBV	639517	931367	98.69%	17.960%
8	11.067	1631	1637	1649	rBV	497652	674636	71.49%	13.009%
9	12.006	1785	1791	1805	rBV	733241	943740	100.00%	18.199%

Sum of corrected areas: 5185780

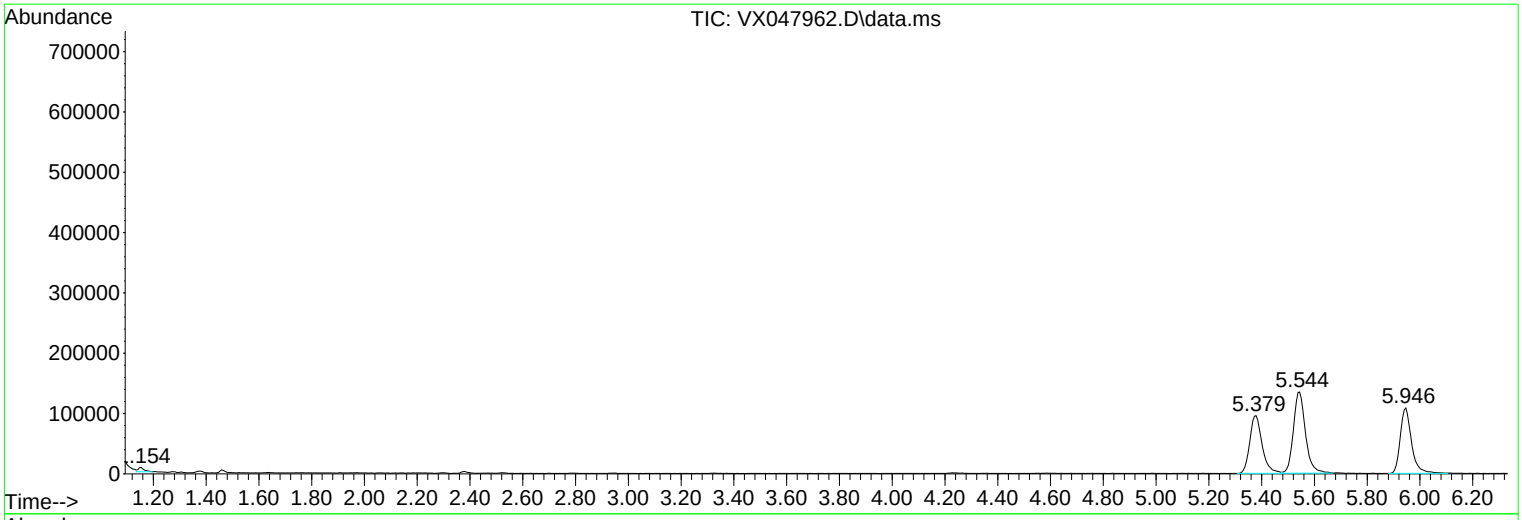
Sample Results: **VX047962.D**

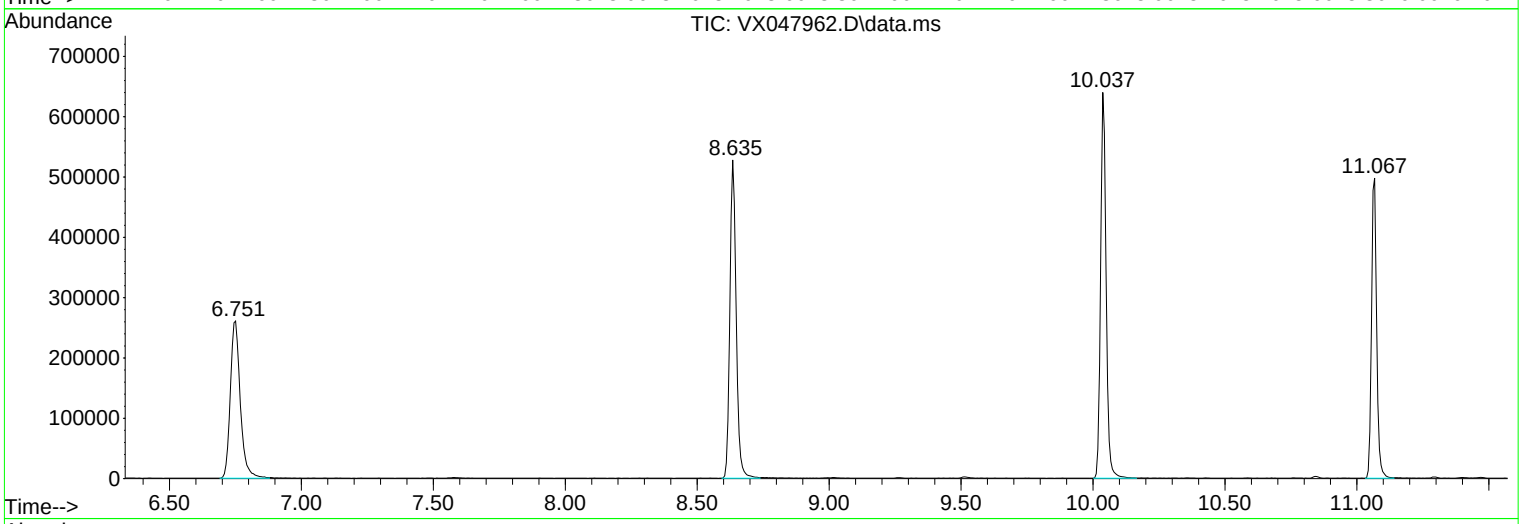
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047962.D
Acq On : 02 Oct 2025 13:07
Operator : JC/MD
Sample : Q3246-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

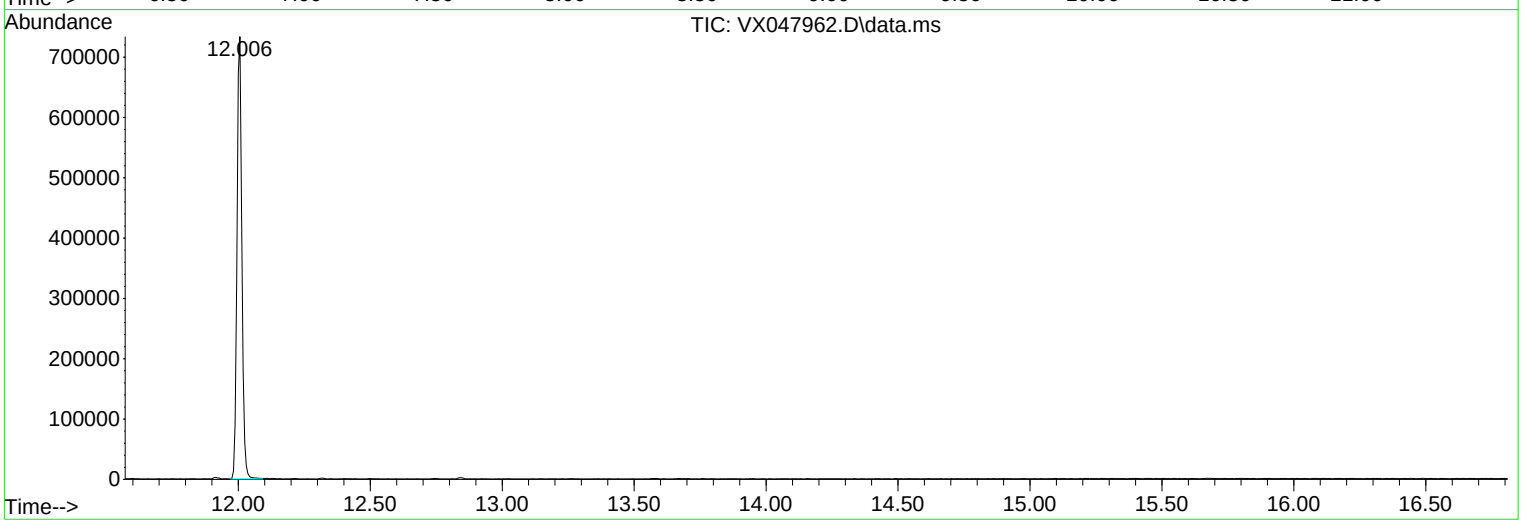
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20250925

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047962.D
Acq On : 02 Oct 2025 13:07
Operator : JC/MD
Sample : Q3246-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20250925

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047962.D
Acq On : 02 Oct 2025 13:07
Operator : JC/MD
Sample : Q3246-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20250925

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

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

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

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	09/29/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/29/25
Client Sample ID:	BP-VPB-184-GW-520-522	SDG No.:	Q3246
Lab Sample ID:	Q3246-06	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
VX047963.D	1	10/02/25 13:27	VX100225

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	4.90	J	1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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:	09/29/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/29/25
Client Sample ID:	BP-VPB-184-GW-520-522	SDG No.:	Q3246
Lab Sample ID:	Q3246-06	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
VX047963.D	1	10/02/25 13:27	VX100225

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	53.8		81 - 118		108%	SPK: 50
1868-53-7	Dibromofluoromethane	49.5		80 - 119		99%	SPK: 50
2037-26-5	Toluene-d8	48.7		89 - 112		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.3		85 - 114		113%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	152000	5.543				
540-36-3	1,4-Difluorobenzene	317000	6.75				
3114-55-4	Chlorobenzene-d5	332000	10.036				
3855-82-1	1,4-Dichlorobenzene-d4	167000	12.006				
TENTATIVE IDENTIFIED COMPOUNDS							

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:	09/29/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/29/25
Client Sample ID:	BP-VPB-184-GW-520-522	SDG No.:	Q3246
Lab Sample ID:	Q3246-06	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
VX047963.D	1	10/02/25 13:27	VX100225

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\VX100225\
Data File : VX047963.D
Acq On : 02 Oct 2025 13:27
Operator : JC/MD
Sample : Q3246-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-520-522

Quant Time: Oct 03 03:30:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

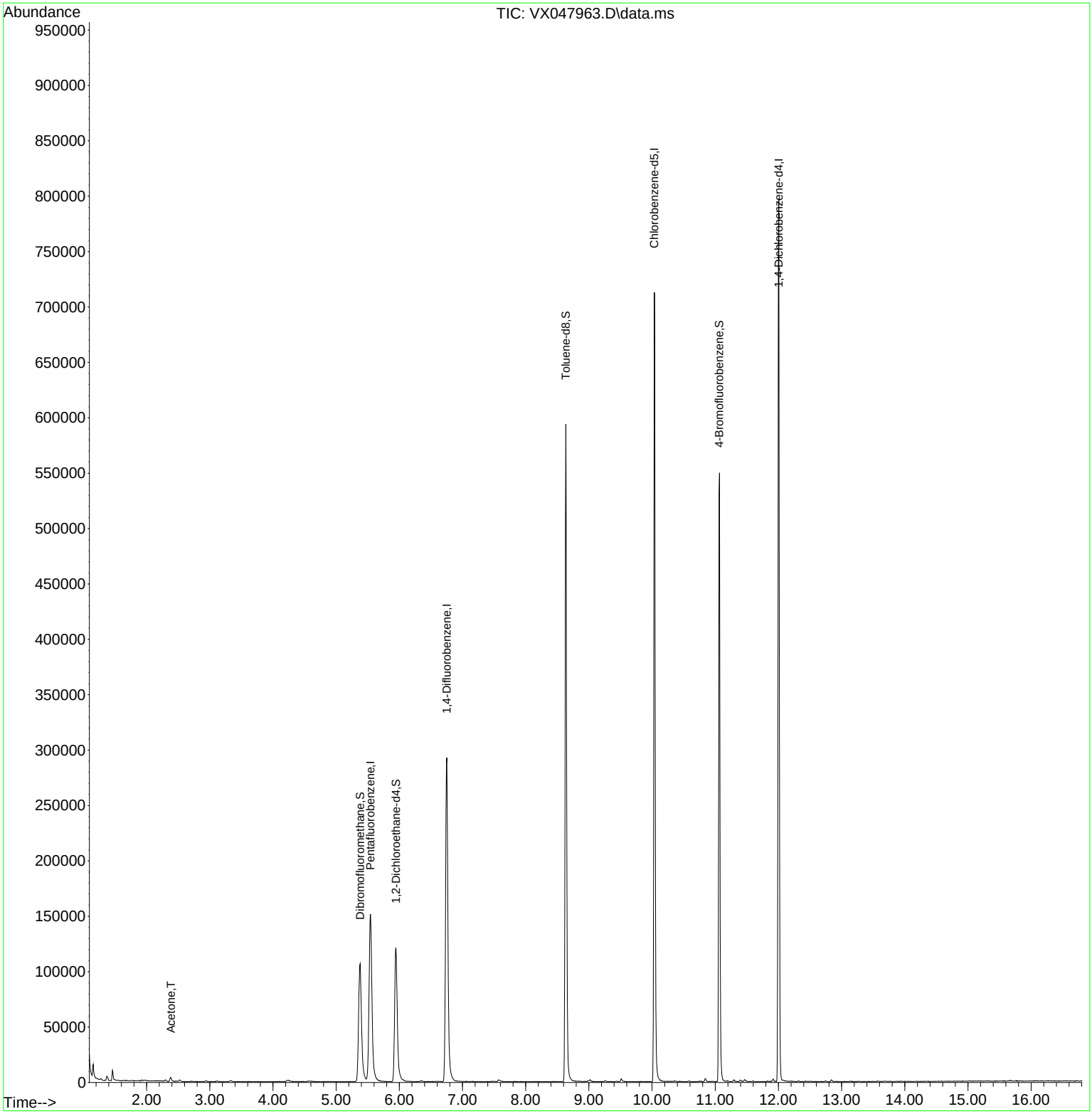
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.543	168	151967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	317249	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	332386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	167184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	130160	53.809	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.620%			
35) Dibromofluoromethane	5.379	113	105359	49.519	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.040%			
50) Toluene-d8	8.634	98	358525	48.699	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.400%			
62) 4-Bromofluorobenzene	11.061	95	157385	56.329	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.660%			
Target Compounds						Qvalue
16) Acetone	2.385	43	5114	4.862	ug/l #	81

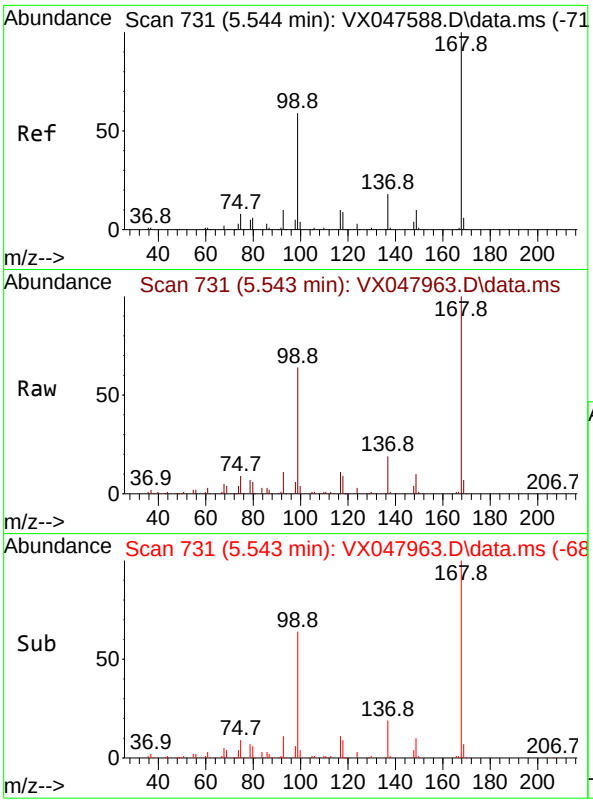
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047963.D
Acq On : 02 Oct 2025 13:27
Operator : JC/MD
Sample : Q3246-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-520-522

Quant Time: Oct 03 03:30:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



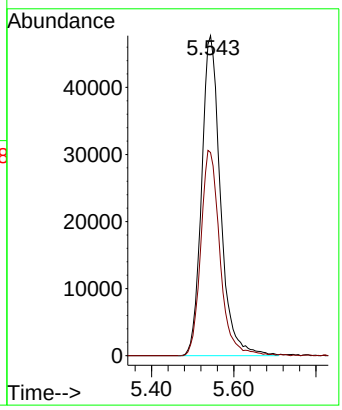


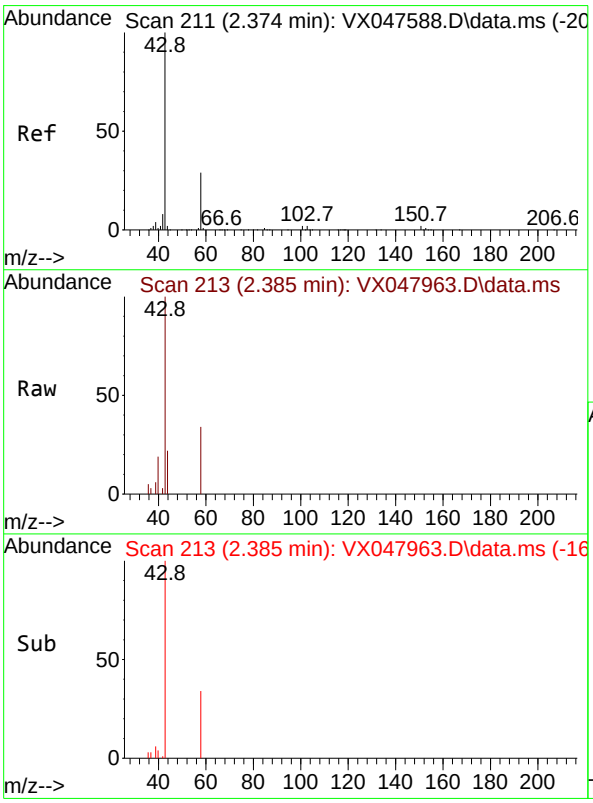
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 7
Delta R.T. -0.001 min
Lab File: VX047963.D
Acq: 02 Oct 2025 13:27

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-520-522

Tgt Ion:168 Resp: 151967

Ion	Ratio	Lower	Upper
168	100		
99	63.5	48.8	73.2

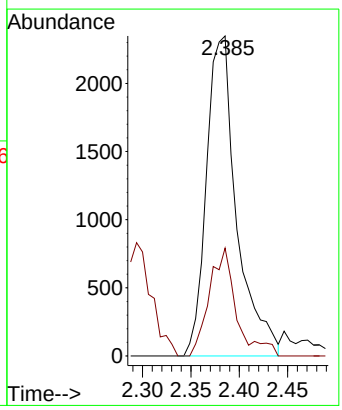


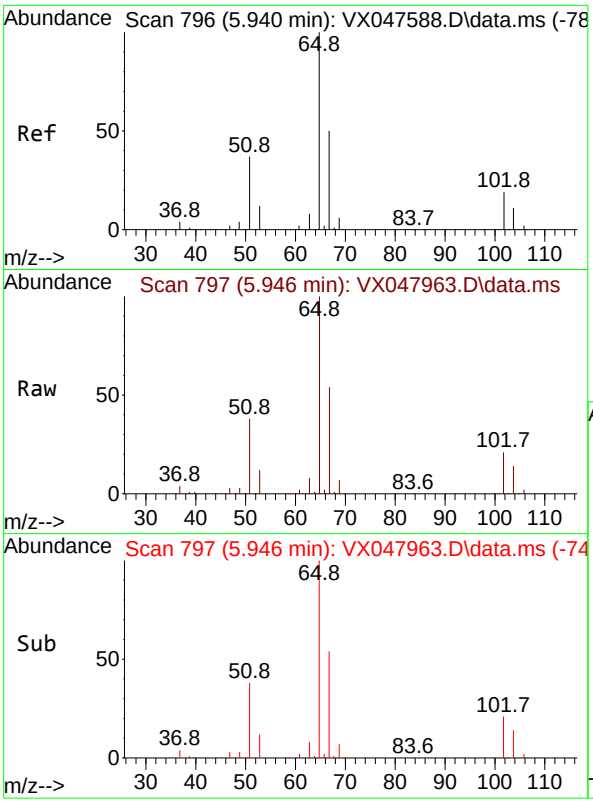


#16
Acetone
Concen: 4.862 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX047963.D
Acq: 02 Oct 2025 13:27

Tgt Ion: 43 Resp: 5114

Ion	Ratio	Lower	Upper
43	100		
58	39.4	23.4	35.0#



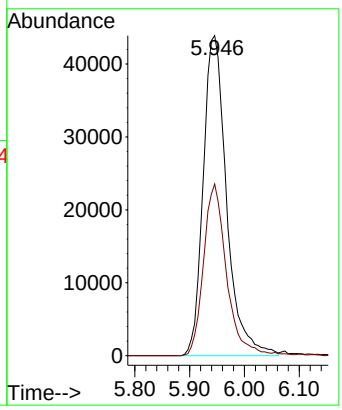


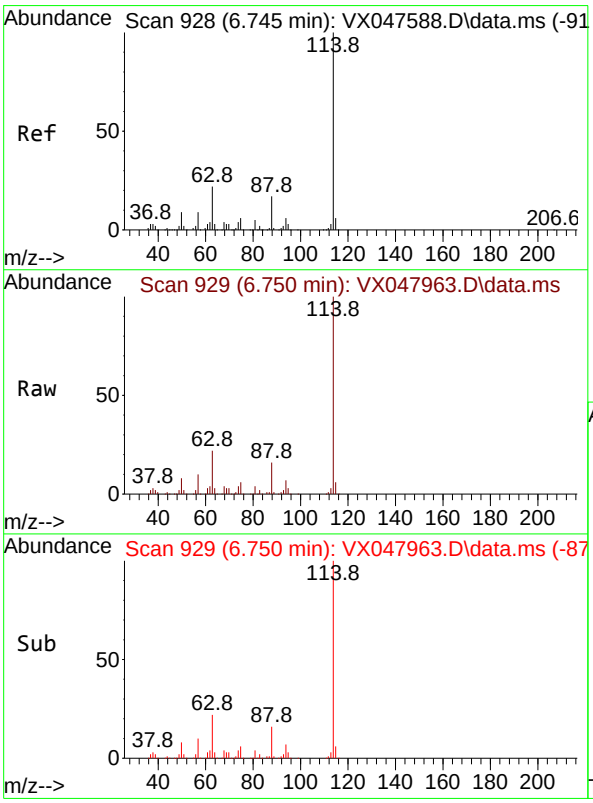
#33
1,2-Dichloroethane-d4
Concen: 53.809 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047963.D
Acq: 02 Oct 2025 13:27

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-520-522

Tgt Ion: 65 Resp: 130160

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	103.0

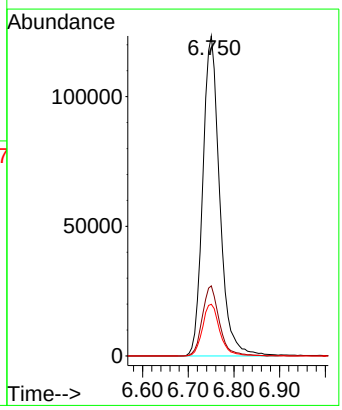


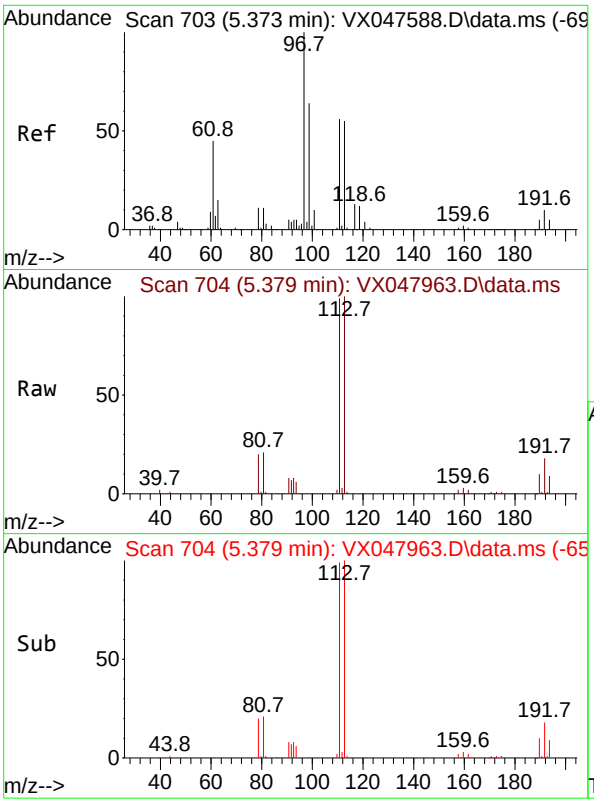


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX047963.D
Acq: 02 Oct 2025 13:27

Tgt Ion:114 Resp: 317249

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	44.0
88	16.1	0.0	34.2



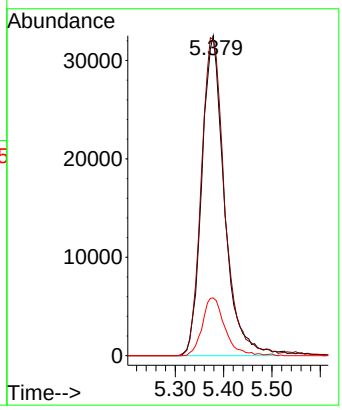


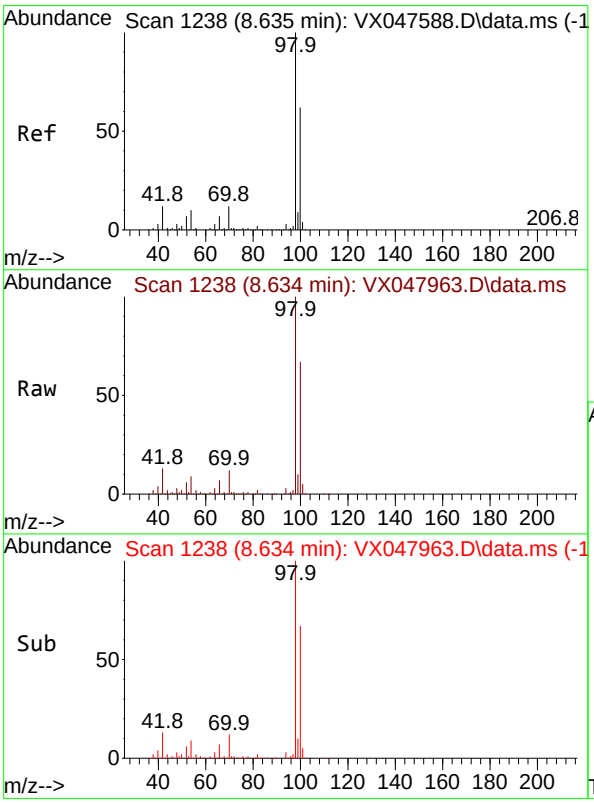
#35
Dibromofluoromethane
Concen: 49.519 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047963.D
Acq: 02 Oct 2025 13:27

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-520-522

Tgt Ion:113 Resp: 105359

Ion	Ratio	Lower	Upper
113	100		
111	103.3	80.9	121.3
192	18.1	14.2	21.4

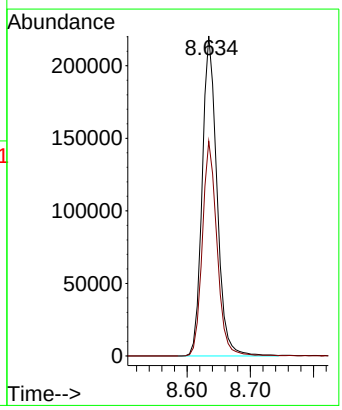


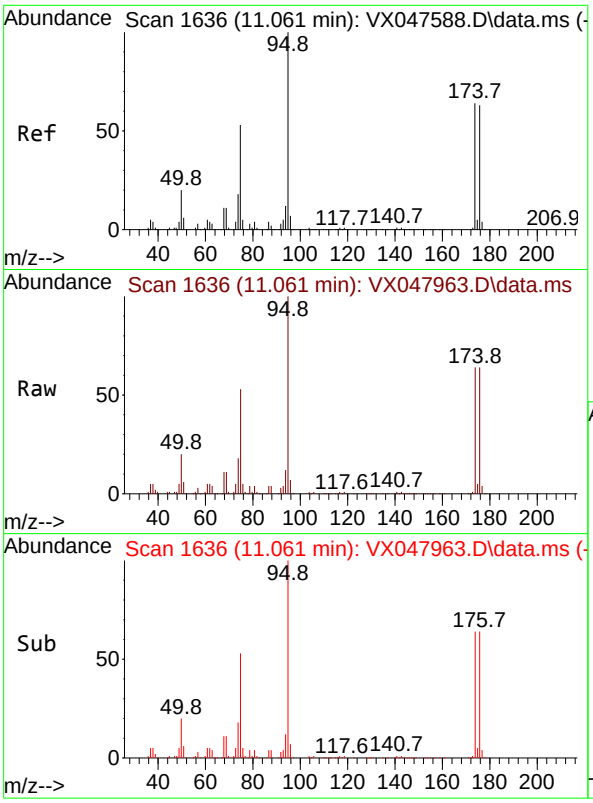


#50
Toluene-d8
Concen: 48.699 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.001 min
Lab File: VX047963.D
Acq: 02 Oct 2025 13:27

Tgt Ion: 98 Resp: 358525

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4



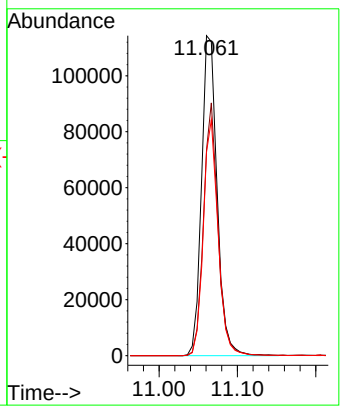


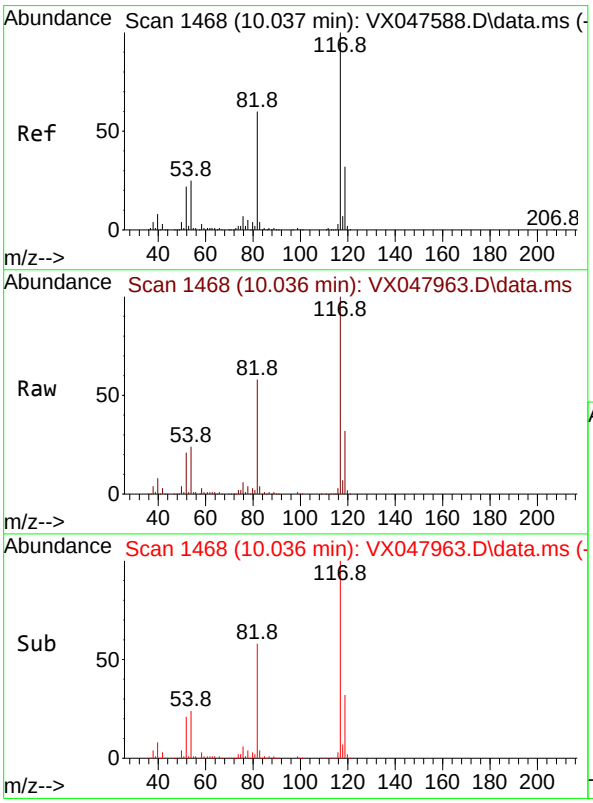
#62
4-Bromofluorobenzene
Concen: 56.329 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.001 min
Lab File: VX047963.D
Acq: 02 Oct 2025 13:27

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-520-522

Tgt Ion: 95 Resp: 157385

Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	141.6
176	70.0	0.0	138.4

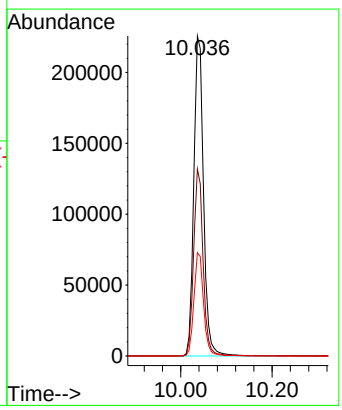


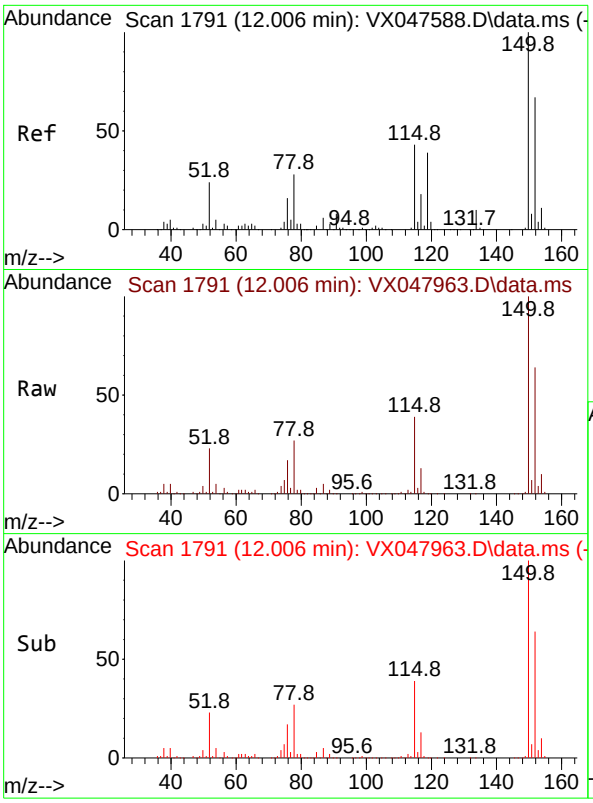


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VX047963.D
Acq: 02 Oct 2025 13:27

Tgt Ion:117 Resp: 332386

Ion	Ratio	Lower	Upper
117	100		
82	58.5	47.8	71.6
119	32.3	25.2	37.8



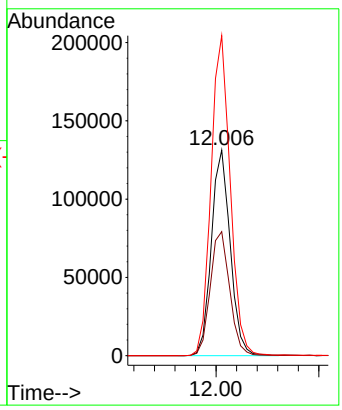


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.001 min
Lab File: VX047963.D
Acq: 02 Oct 2025 13:27

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-520-522

Tgt Ion:152 Resp: 167184

Ion	Ratio	Lower	Upper
152	100		
115	62.4	44.9	134.5
150	158.9	0.0	352.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047963.D
Acq On : 02 Oct 2025 13:27
Operator : JC/MD
Sample : Q3246-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-520-522

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\82X091625W.M
Title : SW846 8260

Signal : TIC: VX047963.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.154	8	11	22	rVB3	12938	18706	1.77%	0.323%
2	1.459	58	61	67	rBV	9196	12100	1.14%	0.209%
3	5.379	692	704	719	rBV	106365	344651	32.60%	5.949%
4	5.543	720	731	754	rVB	150696	479845	45.39%	8.282%
5	5.946	786	797	816	rBV	120907	356419	33.71%	6.152%
6	6.750	918	929	952	rBV	292473	764250	72.29%	13.192%
7	8.634	1231	1238	1256	rBV	593441	968678	91.63%	16.720%
8	10.036	1462	1468	1486	rBV	712374	1037780	98.16%	17.913%
9	11.067	1631	1637	1651	rBV	549402	753857	71.31%	13.012%
10	12.006	1785	1791	1800	rBV	796883	1057200	100.00%	18.248%

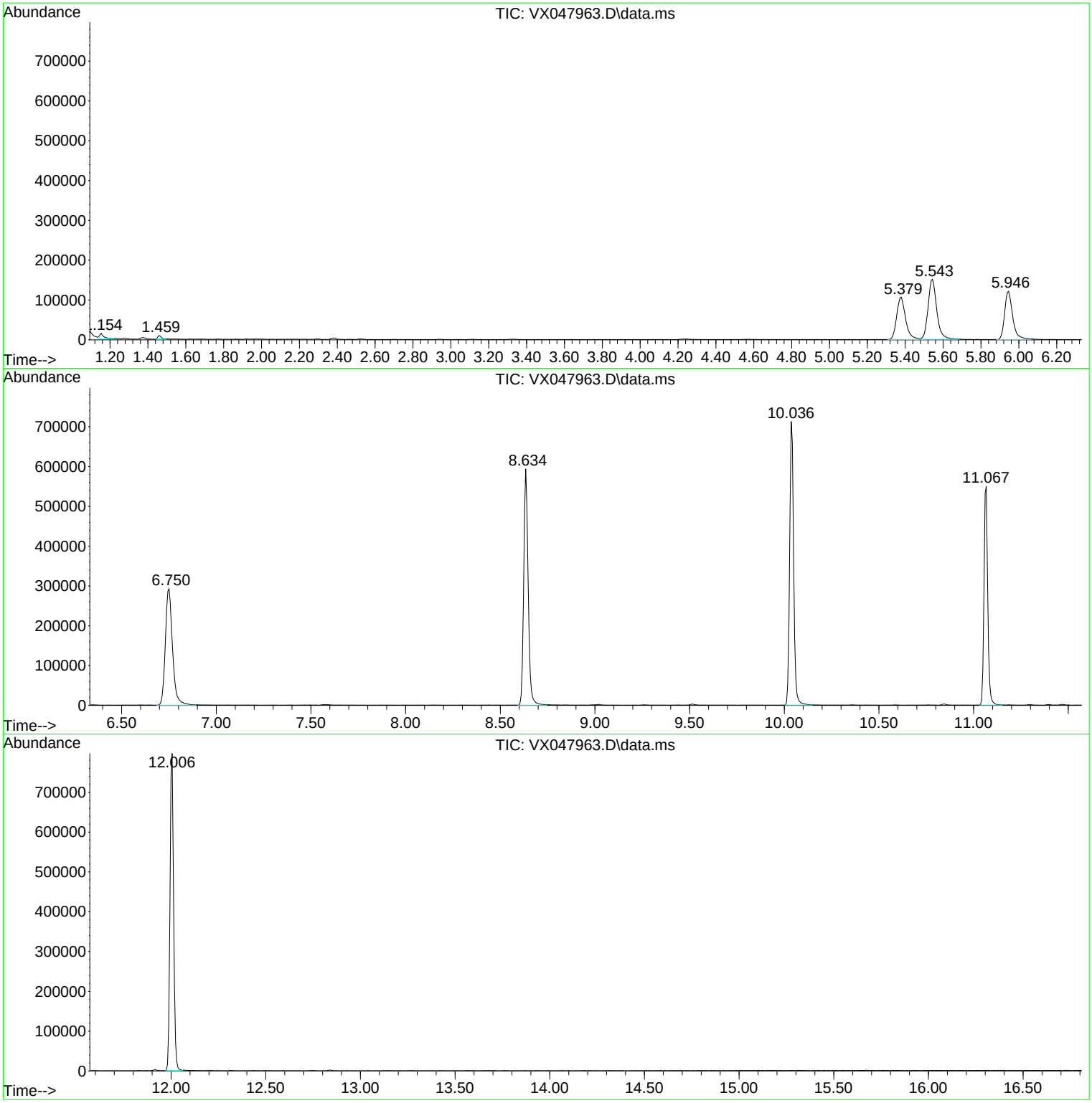
Sum of corrected areas: 5793486

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047963.D
Acq On : 02 Oct 2025 13:27
Operator : JC/MD
Sample : Q3246-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-520-522

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047963.D
Acq On : 02 Oct 2025 13:27
Operator : JC/MD
Sample : Q3246-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-520-522

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.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\VX100225\
Data File : VX047963.D
Acq On : 02 Oct 2025 13:27
Operator : JC/MD
Sample : Q3246-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-520-522

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

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

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

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	09/29/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/29/25
Client Sample ID:	BP-VPB-184-GW-540-542	SDG No.:	Q3246
Lab Sample ID:	Q3246-07	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
VX047964.D	1	10/02/25 13:48	VX100225

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	0.47	J	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	7.30		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	3.70		0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	09/29/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/29/25
Client Sample ID:	BP-VPB-184-GW-540-542	SDG No.:	Q3246
Lab Sample ID:	Q3246-07	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
VX047964.D	1	10/02/25 13:48	VX100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	53.2		81 - 118		106%	SPK: 50
1868-53-7	Dibromofluoromethane	48.8		80 - 119		98%	SPK: 50
2037-26-5	Toluene-d8	48.4		89 - 112		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.0		85 - 114		110%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	132000	5.544				
540-36-3	1,4-Difluorobenzene	272000	6.751				
3114-55-4	Chlorobenzene-d5	281000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	143000	12.006				
TENTATIVE IDENTIFIED COMPOUNDS							

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	09/29/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/29/25
Client Sample ID:	BP-VPB-184-GW-540-542	SDG No.:	Q3246
Lab Sample ID:	Q3246-07	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
VX047964.D	1	10/02/25 13:48	VX100225

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\VX100225\
Data File : VX047964.D
Acq On : 02 Oct 2025 13:48
Operator : JC/MD
Sample : Q3246-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-540-542

Quant Time: Oct 03 03:30:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

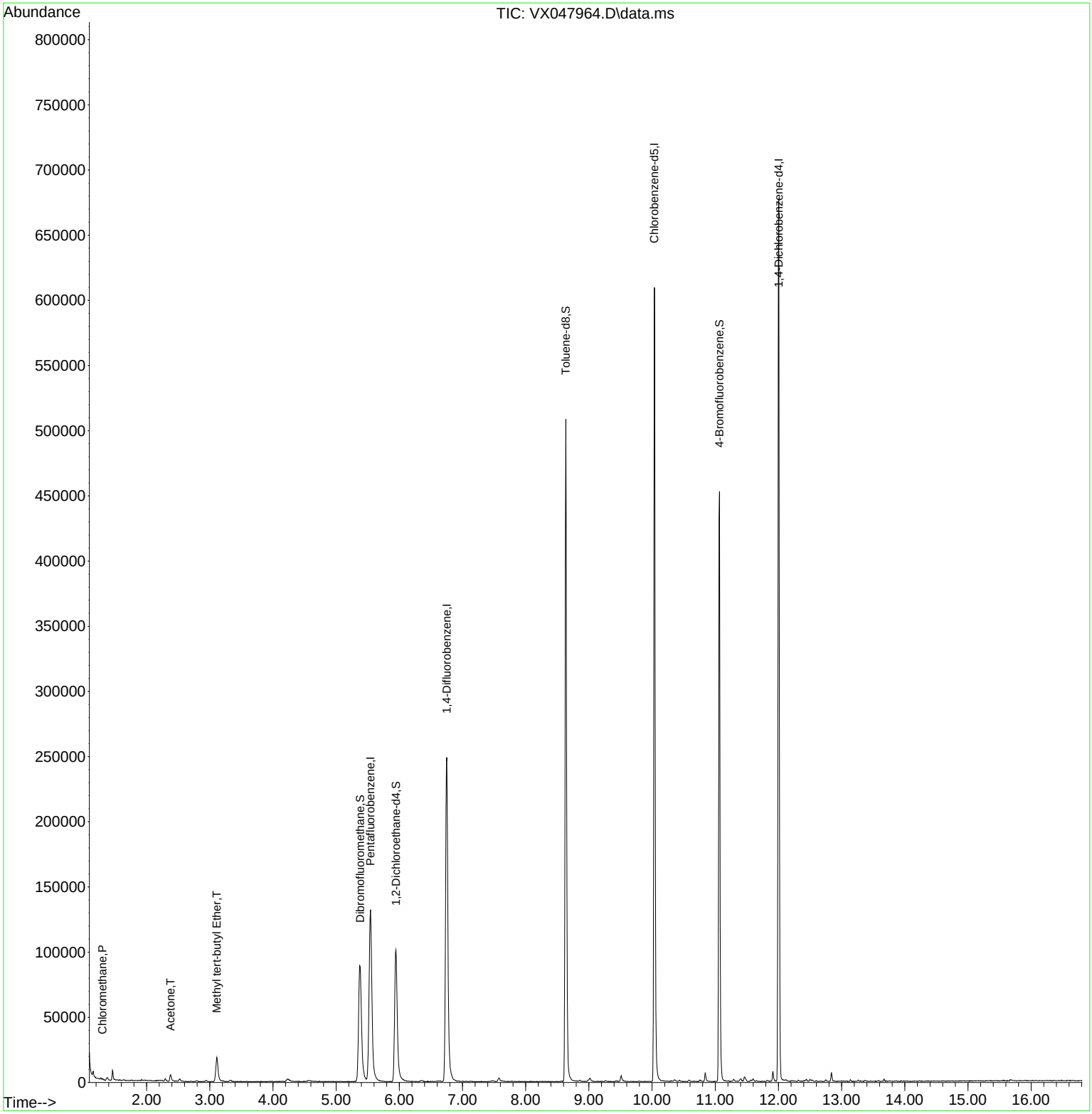
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	131720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	271856	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	280780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	143261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	111636	53.245	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.480%			
35) Dibromofluoromethane	5.379	113	88993	48.811	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.620%			
50) Toluene-d8	8.635	98	305278	48.390	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.780%			
62) 4-Bromofluorobenzene	11.067	95	131671	54.994	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.980%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	837	0.467	ug/l #	87
16) Acetone	2.380	43	6651	7.296	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	21351	3.737	ug/l #	89

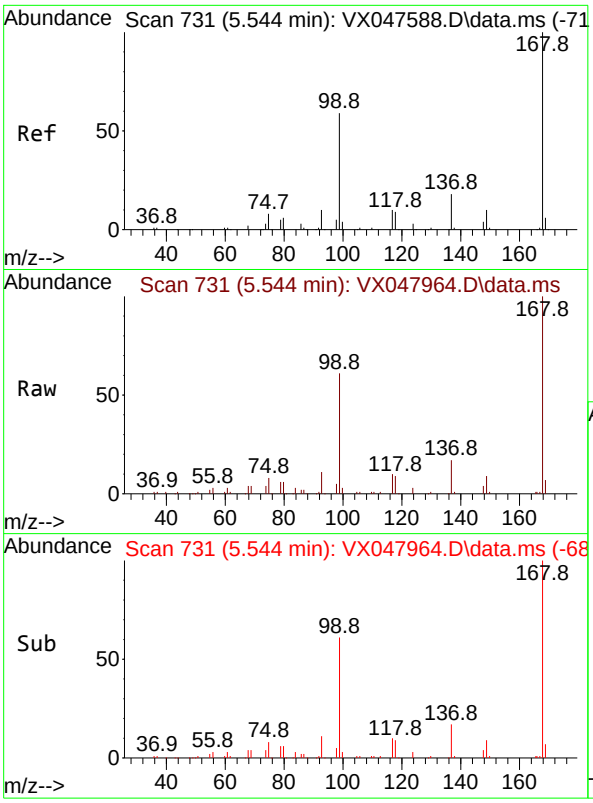
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047964.D
Acq On : 02 Oct 2025 13:48
Operator : JC/MD
Sample : Q3246-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-540-542

Quant Time: Oct 03 03:30:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



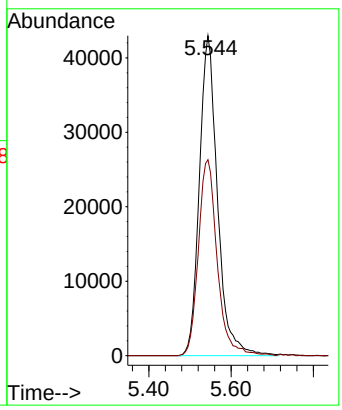


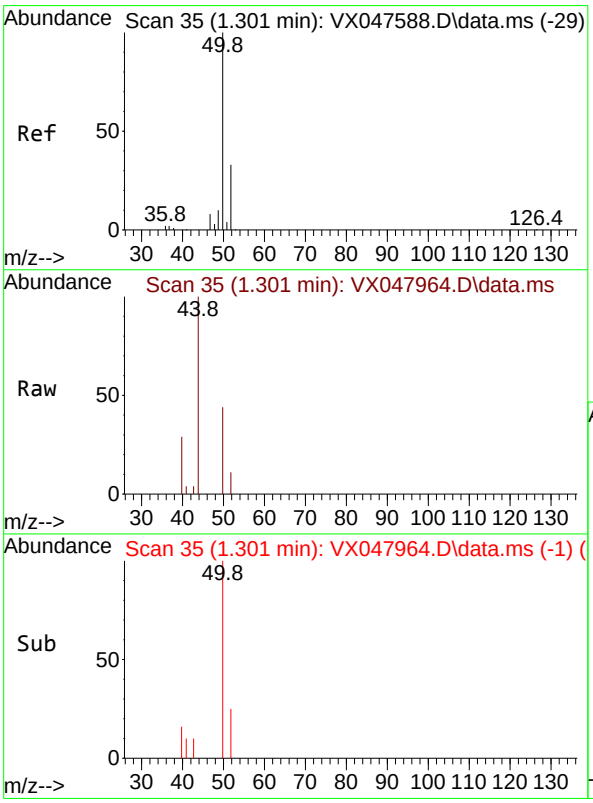
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047964.D
Acq: 02 Oct 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-540-542

Tgt Ion:168 Resp: 131720

Ion	Ratio	Lower	Upper
168	100		
99	61.3	48.8	73.2

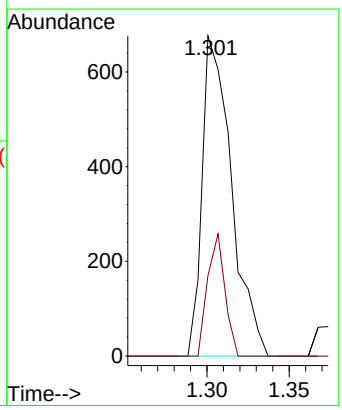


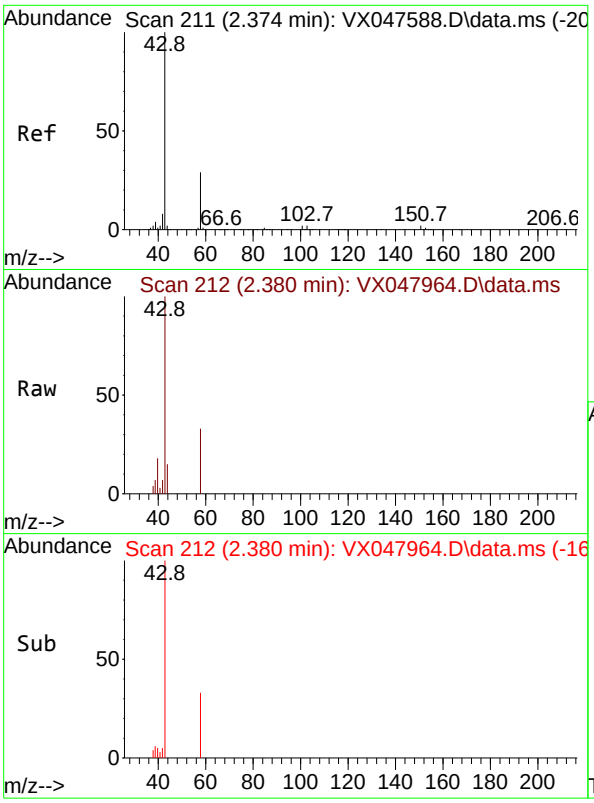


#3
Chloromethane
Concen: 0.467 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047964.D
Acq: 02 Oct 2025 13:48

Tgt Ion: 50 Resp: 837

Ion	Ratio	Lower	Upper
50	100		
52	25.1	26.1	39.1#



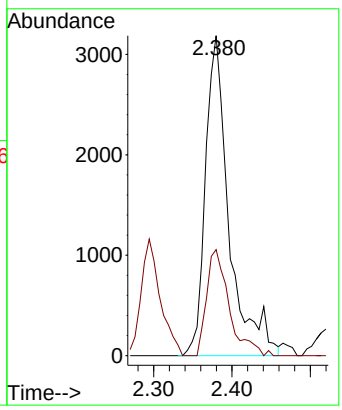


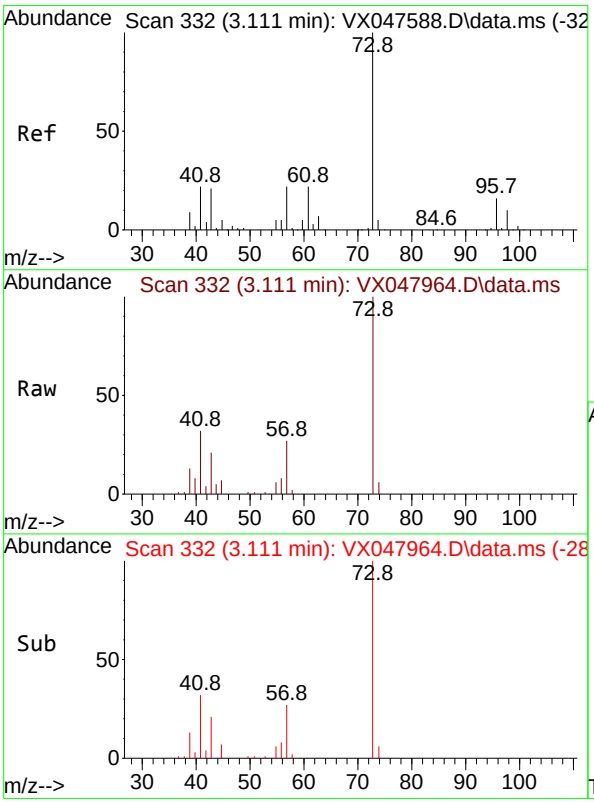
#16
Acetone
Concen: 7.296 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047964.D
Acq: 02 Oct 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-540-542

Tgt Ion: 43 Resp: 6651

Ion	Ratio	Lower	Upper
43	100		
58	33.1	23.4	35.0

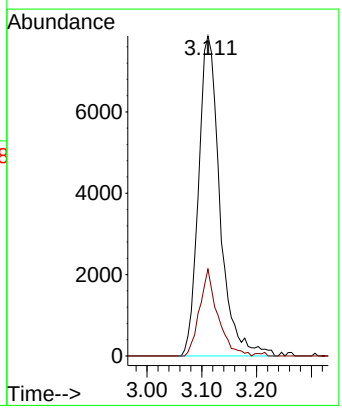


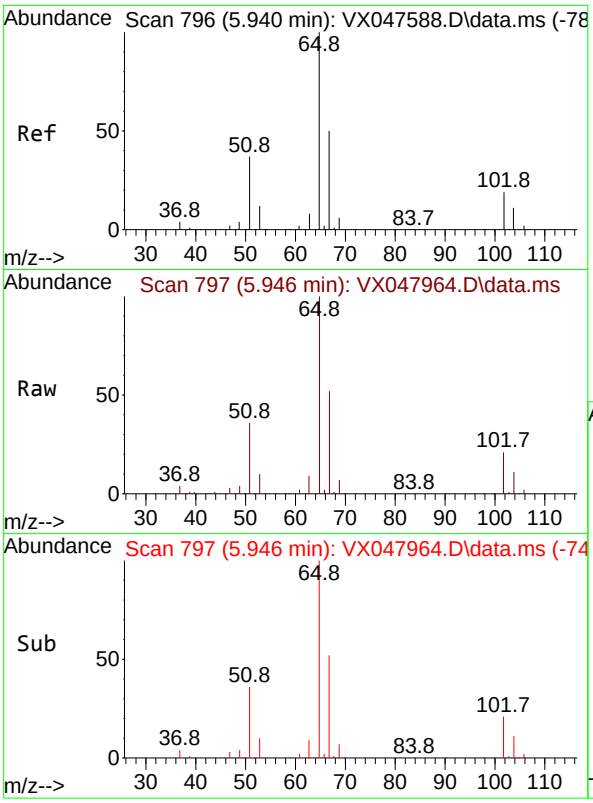


#19
Methyl tert-butyl Ether
Concen: 3.737 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX047964.D
Acq: 02 Oct 2025 13:48

Tgt Ion: 73 Resp: 21351

Ion	Ratio	Lower	Upper
73	100		
57	27.1	17.4	26.2#



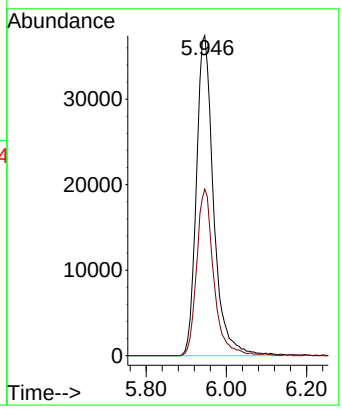


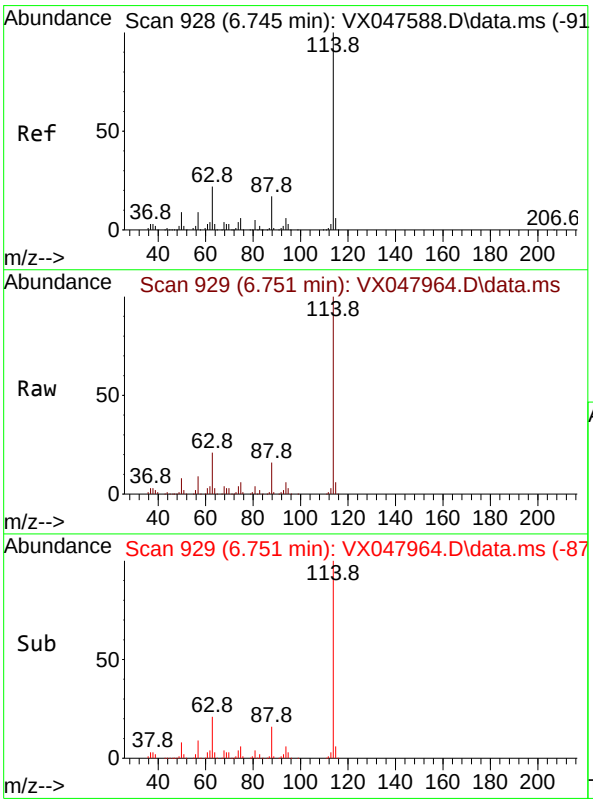
#33
1,2-Dichloroethane-d4
Concen: 53.245 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047964.D
Acq: 02 Oct 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-540-542

Tgt Ion: 65 Resp: 111636

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.0

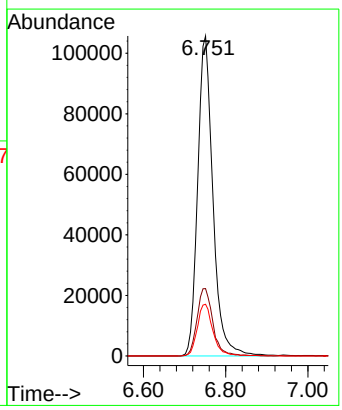


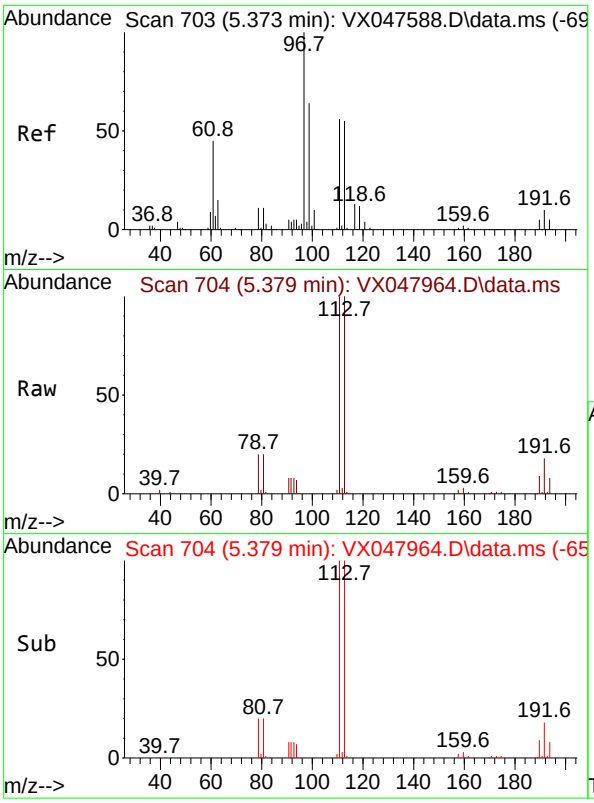


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX047964.D
Acq: 02 Oct 2025 13:48

Tgt Ion:114 Resp: 271856

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	44.0
88	16.2	0.0	34.2



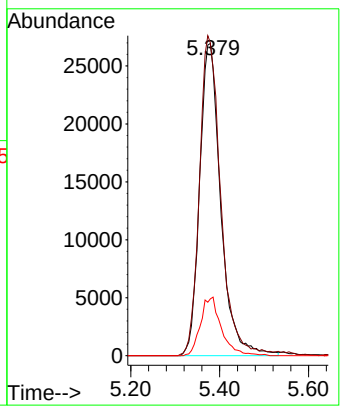


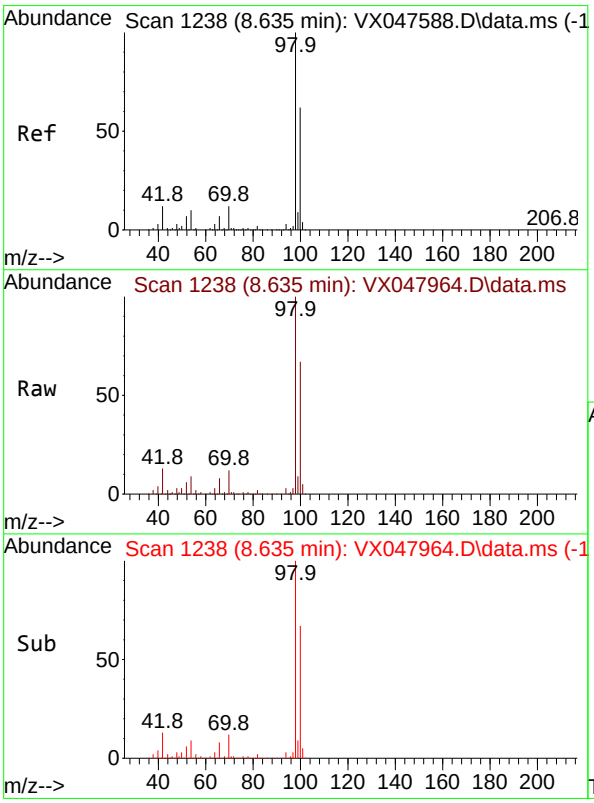
#35
Dibromofluoromethane
Concen: 48.811 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047964.D
Acq: 02 Oct 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-540-542

Tgt Ion:113 Resp: 88993

Ion	Ratio	Lower	Upper
113	100		
111	103.4	80.9	121.3
192	18.7	14.2	21.4

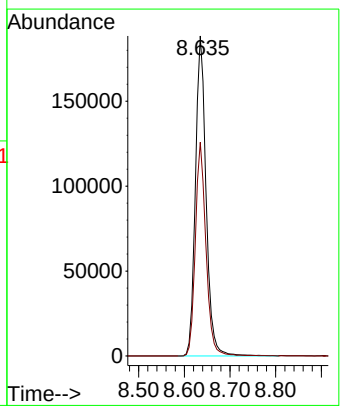


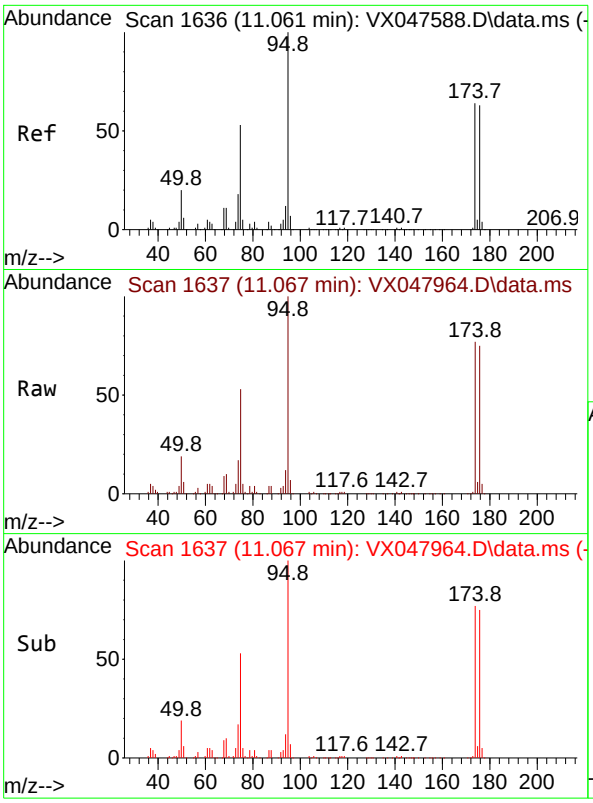


#50
Toluene-d8
Concen: 48.390 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047964.D
Acq: 02 Oct 2025 13:48

Tgt Ion: 98 Resp: 305278

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.4



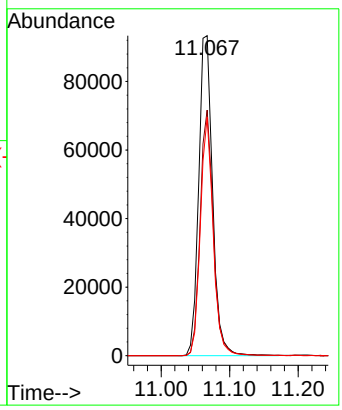


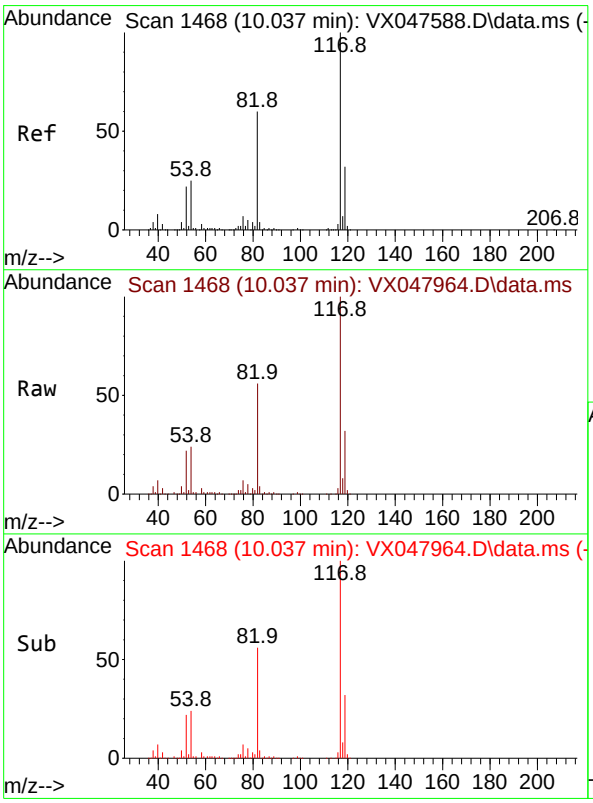
#62
4-Bromofluorobenzene
Concen: 54.994 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047964.D
Acq: 02 Oct 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-540-542

Tgt Ion: 95 Resp: 131671

Ion	Ratio	Lower	Upper
95	100		
174	73.5	0.0	141.6
176	69.0	0.0	138.4

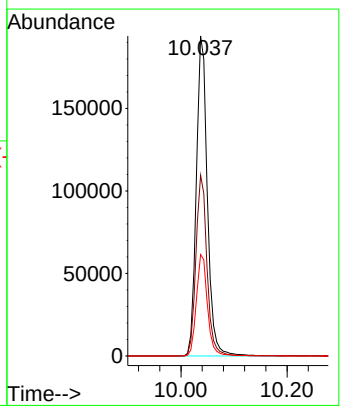


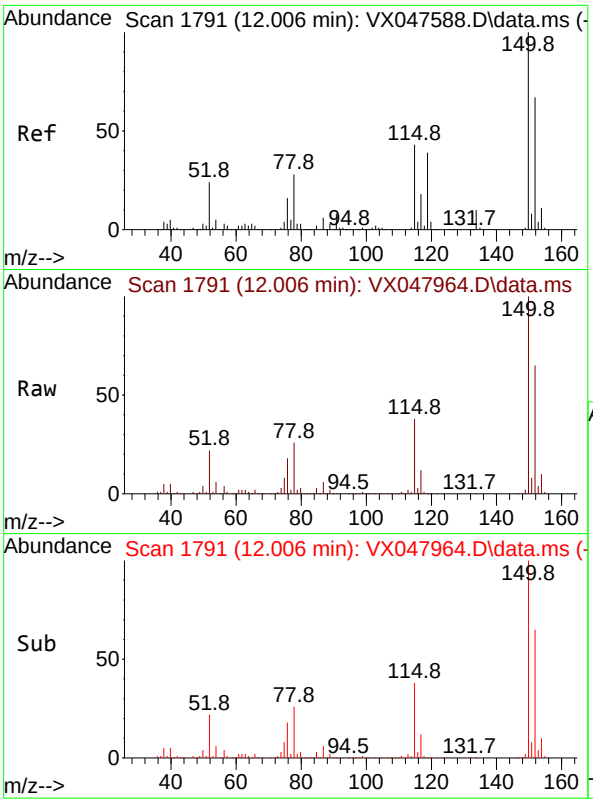


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047964.D
Acq: 02 Oct 2025 13:48

Tgt Ion:117 Resp: 280780

Ion	Ratio	Lower	Upper
117	100		
82	56.5	47.8	71.6
119	31.7	25.2	37.8



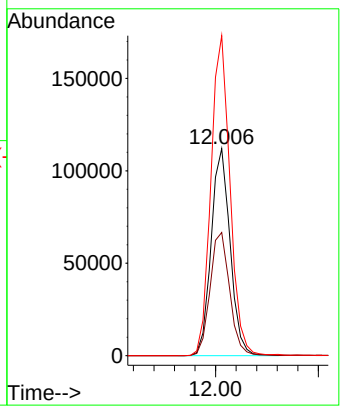


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047964.D
Acq: 02 Oct 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-540-542

Tgt Ion:152 Resp: 143261

Ion	Ratio	Lower	Upper
152	100		
115	61.6	44.9	134.5
150	155.8	0.0	352.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047964.D
Acq On : 02 Oct 2025 13:48
Operator : JC/MD
Sample : Q3246-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-540-542

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\82X091625W.M
Title : SW846 8260

Signal : TIC: VX047964.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.459	55	61	65	rBV	7662	9709	1.09%	0.196%
2	2.380	206	212	218	rBV2	4997	9134	1.02%	0.184%
3	3.111	323	332	342	rBV2	18466	46727	5.22%	0.942%
4	5.373	691	703	720	rBV2	88887	292127	32.66%	5.887%
5	5.544	720	731	752	rVB	131166	407238	45.53%	8.207%
6	5.946	786	797	825	rBV	100876	304090	34.00%	6.128%
7	6.751	918	929	947	rBV	248566	648673	72.53%	13.073%
8	8.635	1231	1238	1258	rBV	508167	826594	92.42%	16.658%
9	10.037	1462	1468	1486	rBV	608940	875077	97.84%	17.635%
10	10.842	1595	1600	1606	rBV2	6429	9201	1.03%	0.185%
11	11.067	1631	1637	1649	rBV	452442	628872	70.31%	12.674%
12	11.915	1771	1776	1781	rBV2	7305	10266	1.15%	0.207%
13	12.006	1785	1791	1801	rBV	676888	894378	100.00%	18.024%

Sum of corrected areas: 4962086

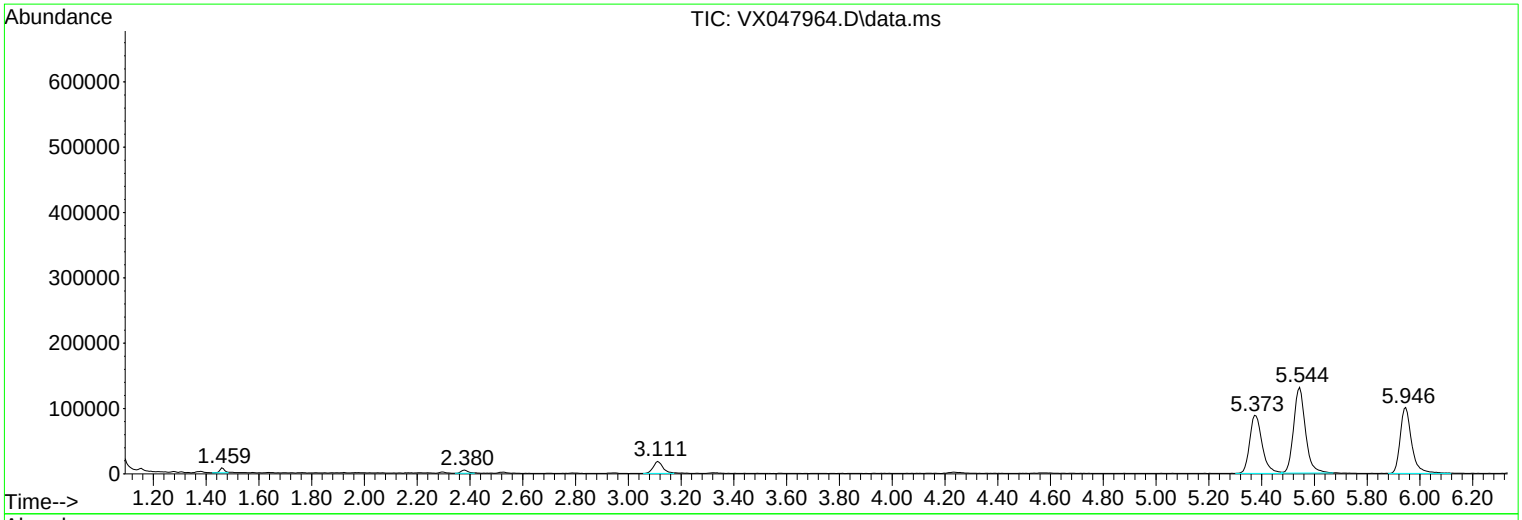
Sample Results: **VX047964.D**

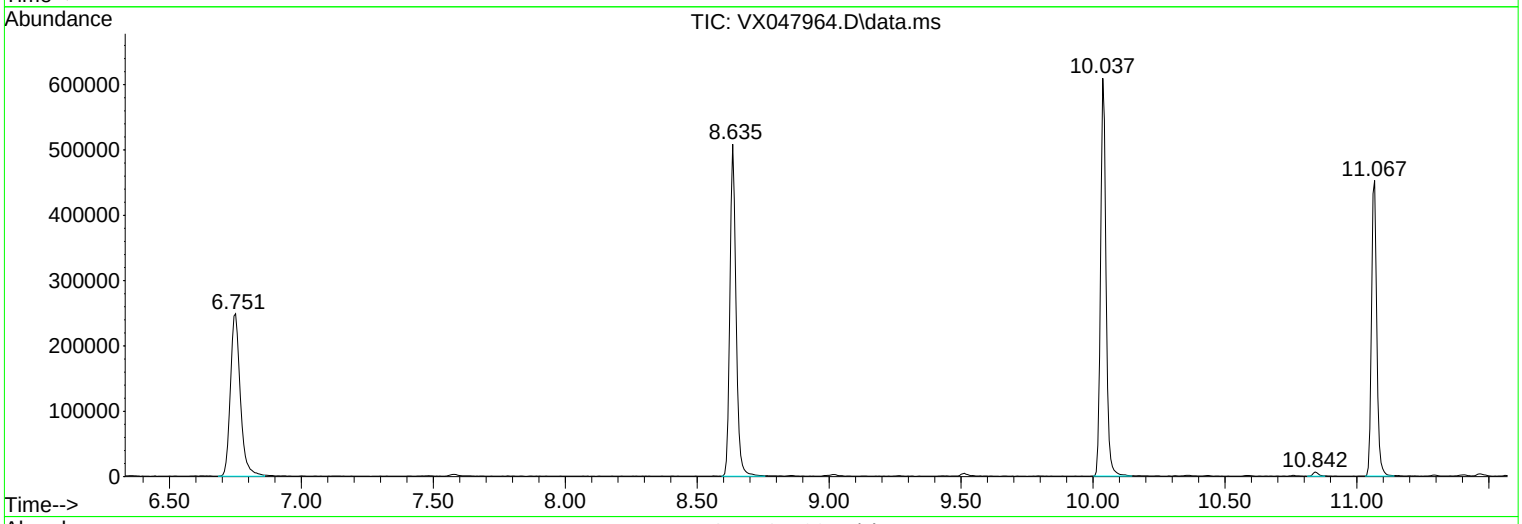
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047964.D
Acq On : 02 Oct 2025 13:48
Operator : JC/MD
Sample : Q3246-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

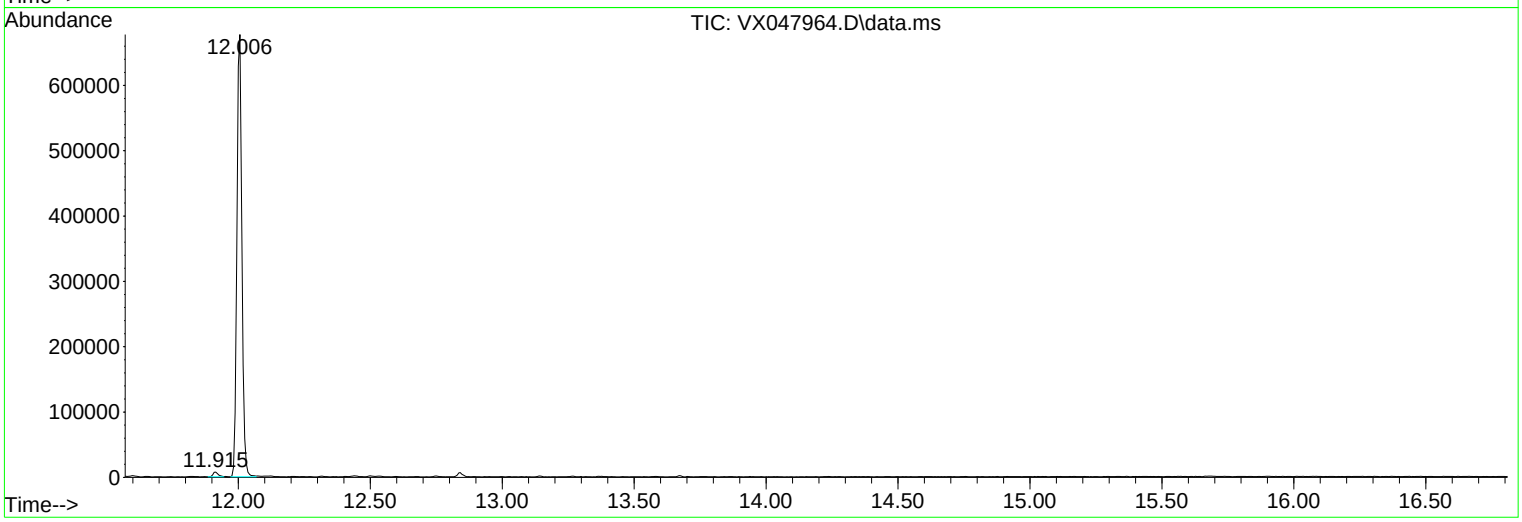
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-540-542

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047964.D
Acq On : 02 Oct 2025 13:48
Operator : JC/MD
Sample : Q3246-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-540-542

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.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\VX100225\
Data File : VX047964.D
Acq On : 02 Oct 2025 13:48
Operator : JC/MD
Sample : Q3246-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-540-542

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

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

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

CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG No.: Q3246

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

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

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

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

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

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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: TETR06

Lab Code: ACE | SDG No.: Q3246

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

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

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

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

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

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

Response Factor Report MSVOA_X2

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X091625W.M
Title : SW846 8260
Last Update : Wed Sep 17 06:39:58 2025
Response Via : Initial Calibration

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

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

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

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

(#) = Out of Range

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

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

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

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

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

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

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

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

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

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

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

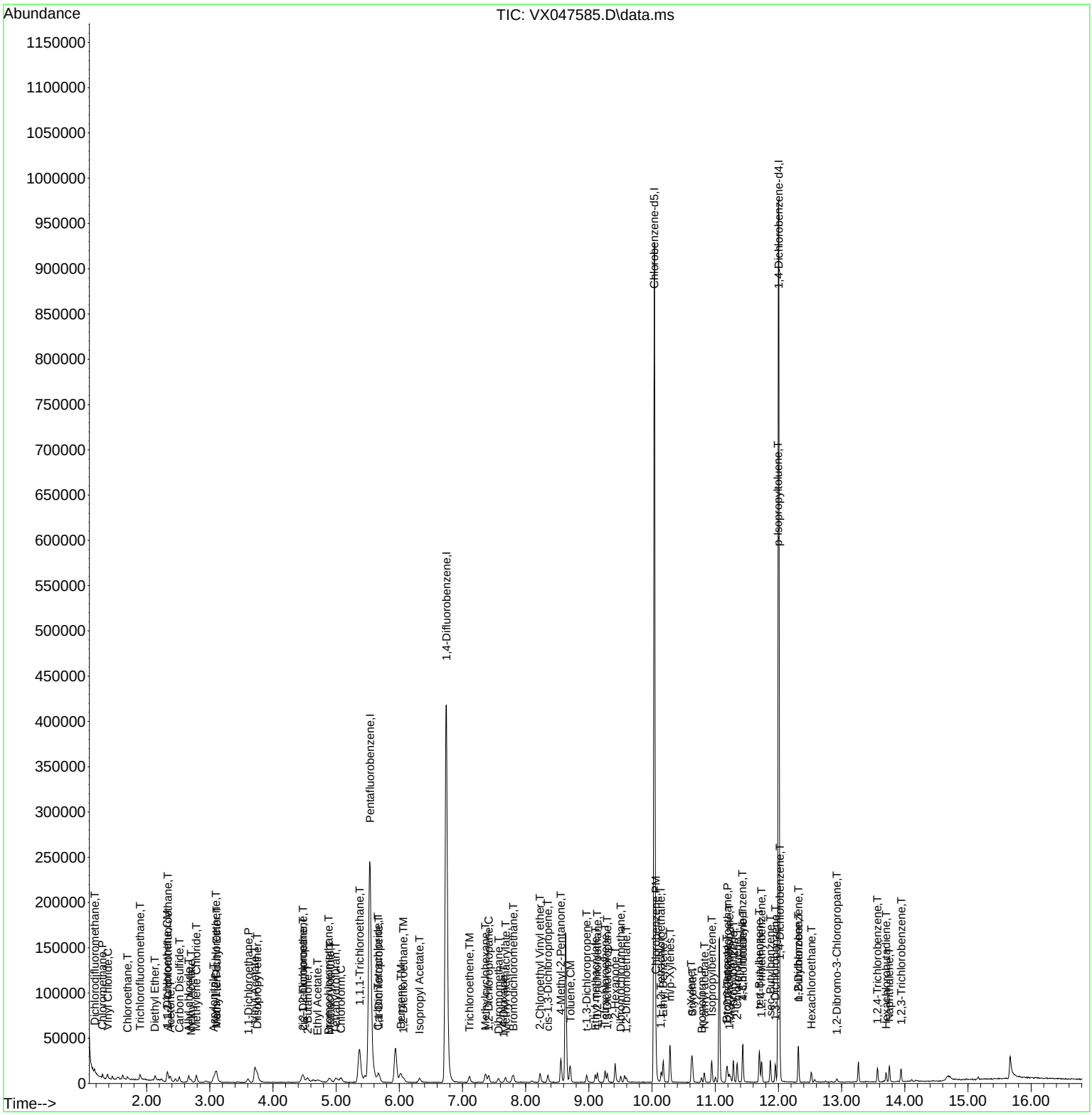
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Data File : VX047585.D
Acq On : 16 Sep 2025 09:23
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

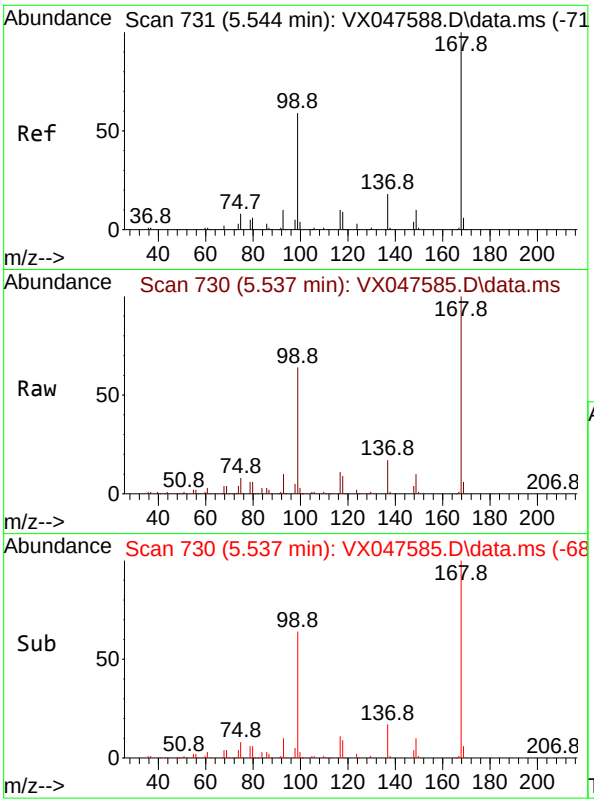
Quant Time: Sep 17 06:09:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

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

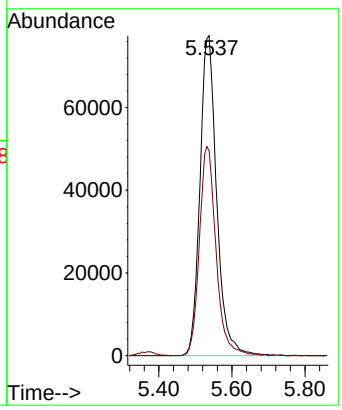




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:168 Resp: 24634

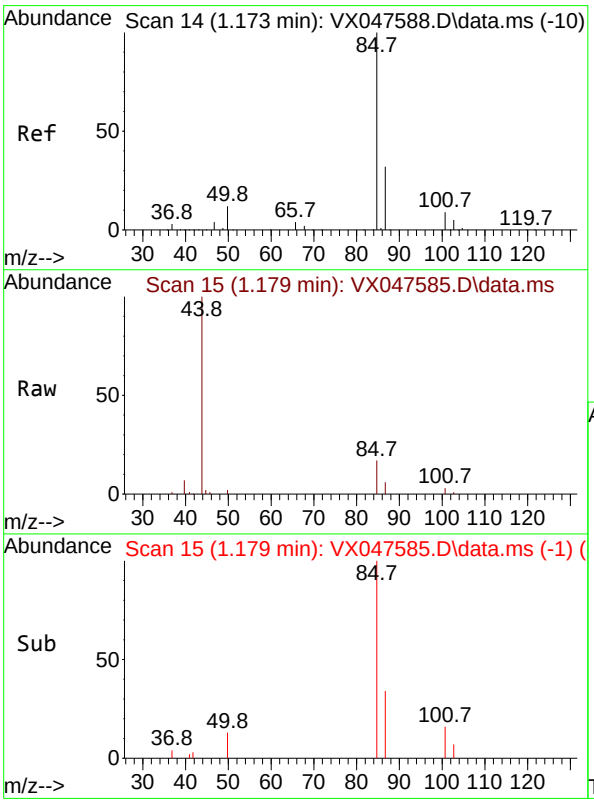
Ion	Ratio	Lower	Upper
168	100		
99	64.0	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

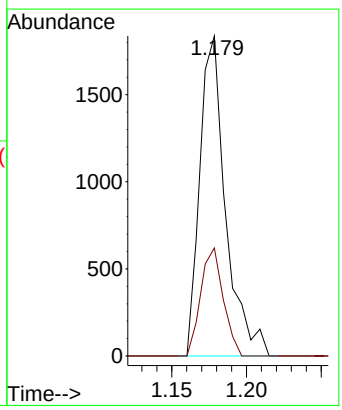
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

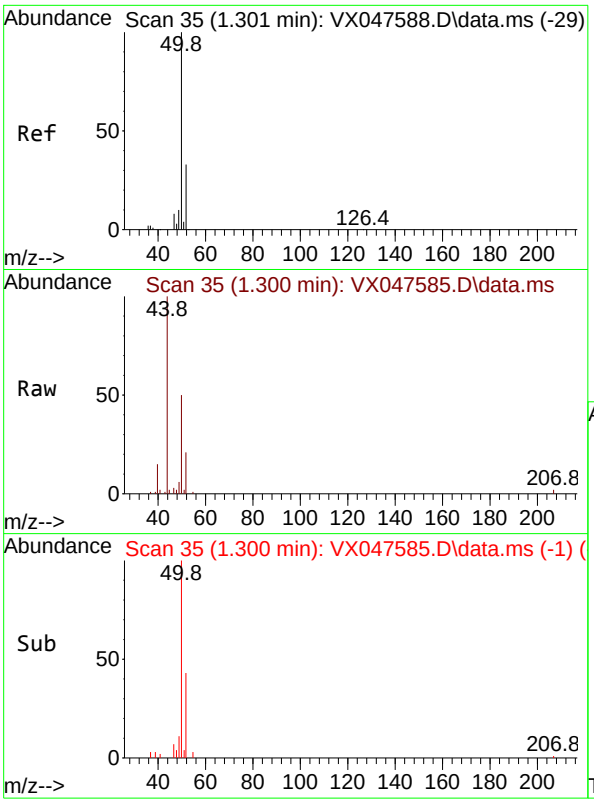


#2
Dichlorodifluoromethane
Concen: 0.863 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 85 Resp: 2201

Ion	Ratio	Lower	Upper
85	100		
87	33.8	15.8	47.3

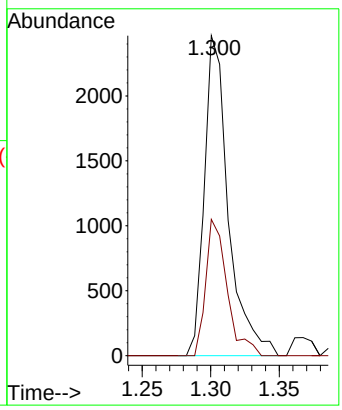




#3
Chloromethane
Concen: 0.897 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 50 Resp: 300

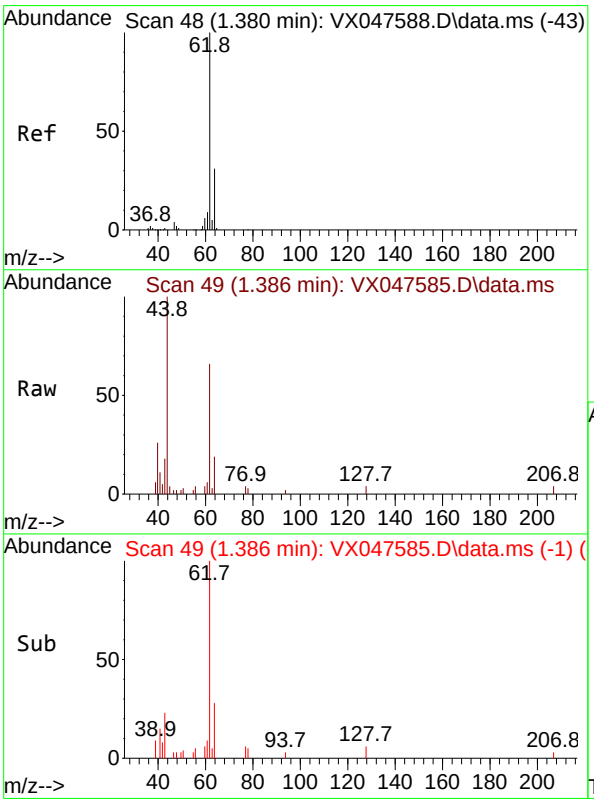
Ion	Ratio	Lower	Upper
50	100		
52	42.6	26.1	39.1#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

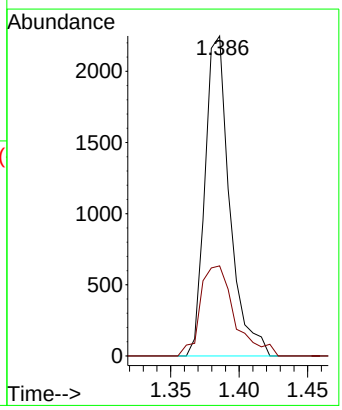
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

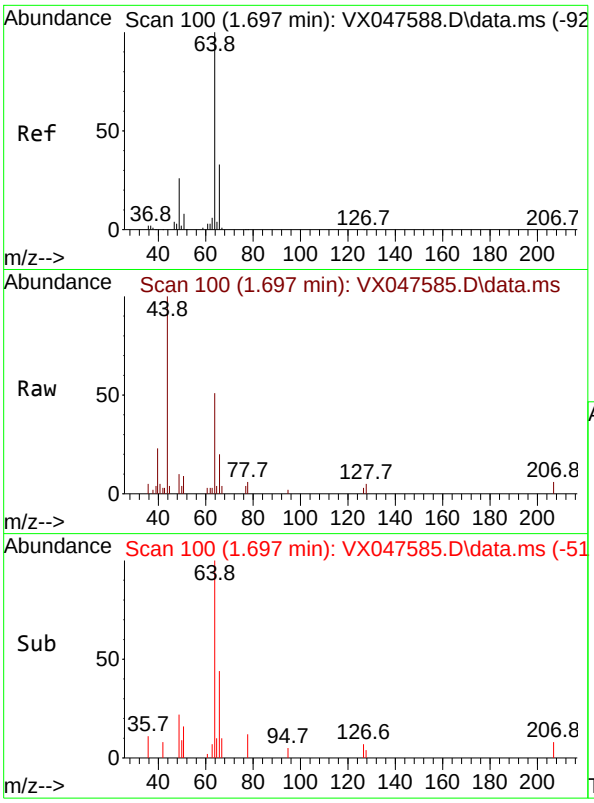


#4
Vinyl Chloride
Concen: 0.859 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 62 Resp: 2818

Ion	Ratio	Lower	Upper
62	100		
64	28.2	24.9	37.3

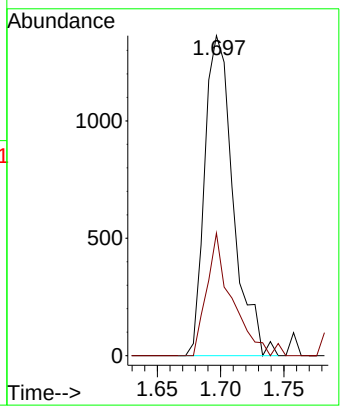




#6
Chloroethane
Concen: 0.973 ug/l
RT: 1.697 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 64 Resp: 213

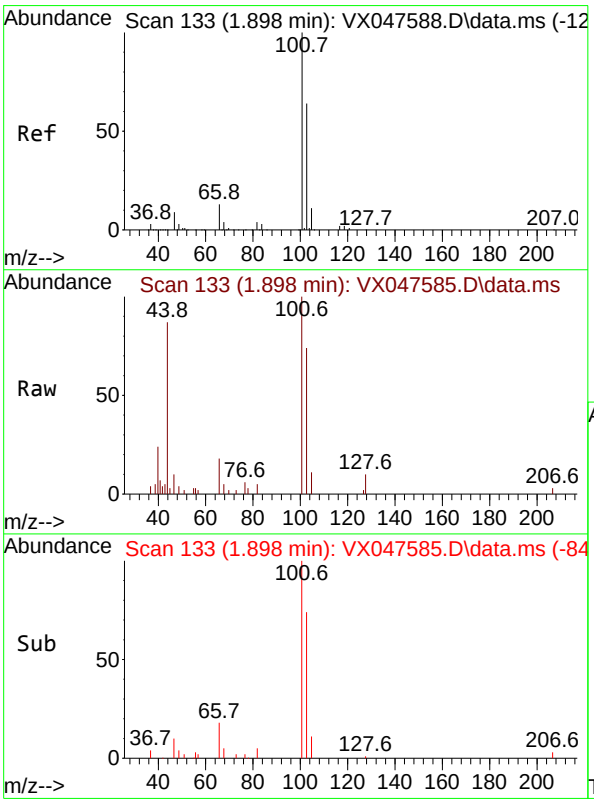
Ion	Ratio	Lower	Upper
64	100		
66	35.4	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

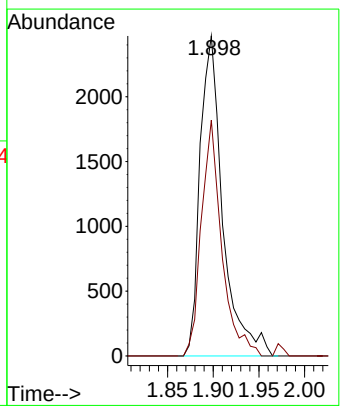
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

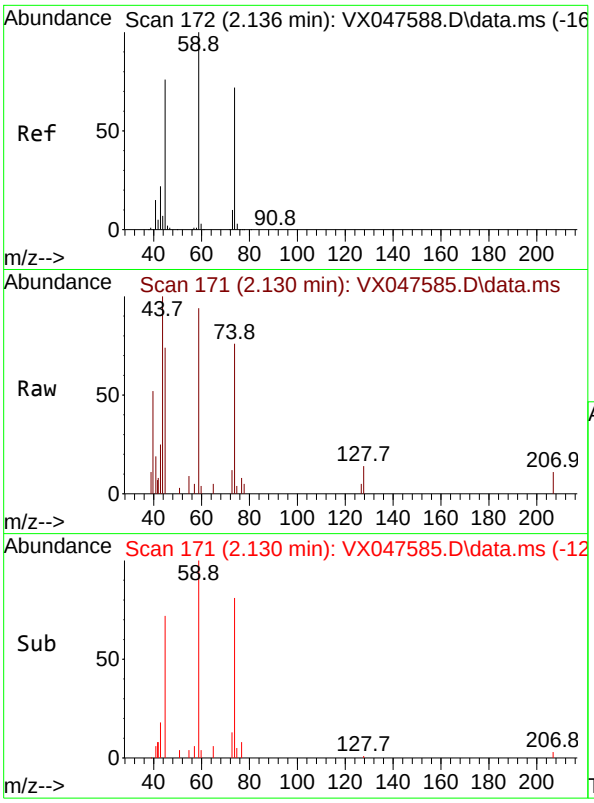


#7
Trichlorofluoromethane
Concen: 0.874 ug/l
RT: 1.898 min Scan# 133
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:101 Resp: 4261

Ion	Ratio	Lower	Upper
101	100		
103	73.7	51.4	77.2





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

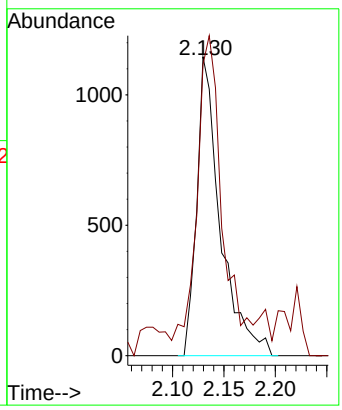
Tgt Ion: 74 Resp: 183

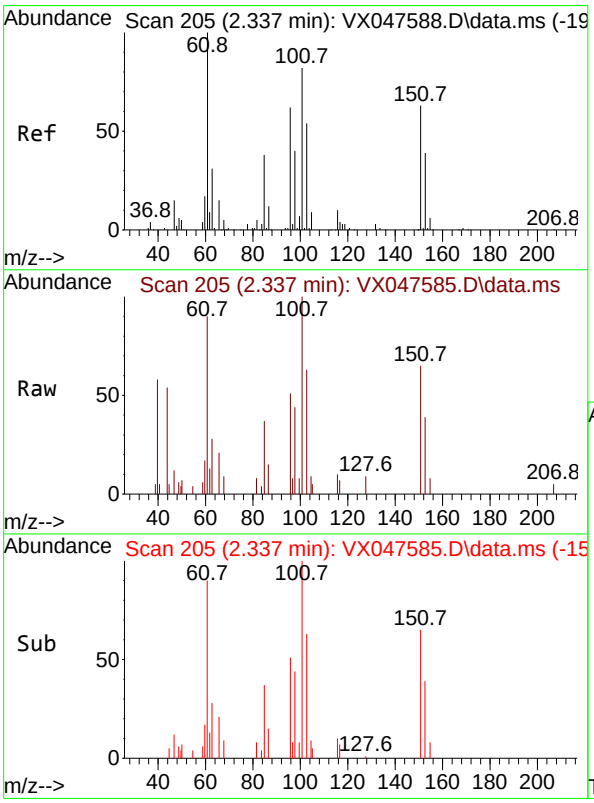
Ion	Ratio	Lower	Upper
74	100		
45	102.2	52.3	156.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

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

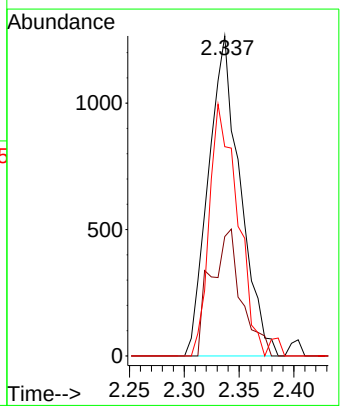


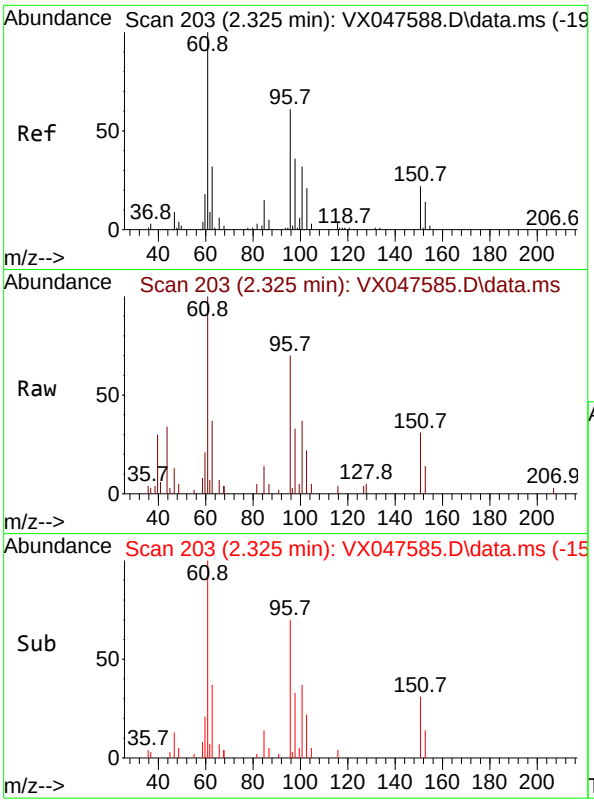


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.897 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:101 Resp: 2555

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

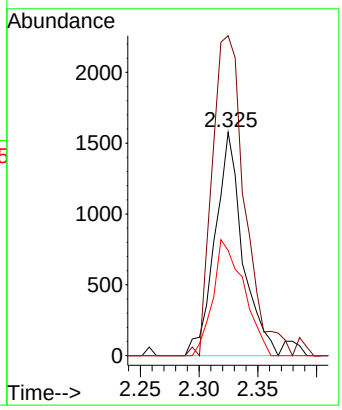




#12
1,1-Dichloroethene
Concen: 0.886 ug/l
RT: 2.325 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 96 Resp: 259

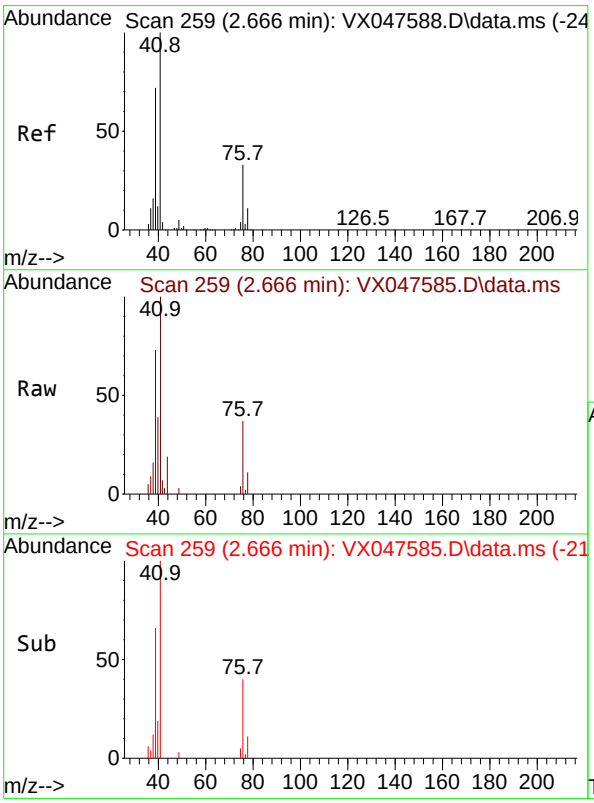
Ion	Ratio	Lower	Upper
96	100		
61	137.3	131.0	196.6
98	45.2	47.7	71.5#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

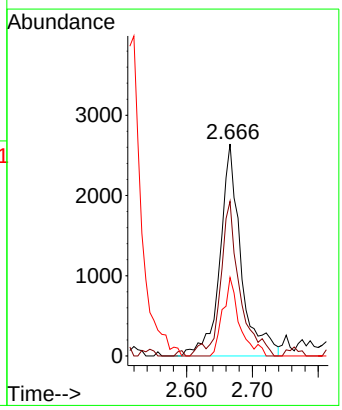
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

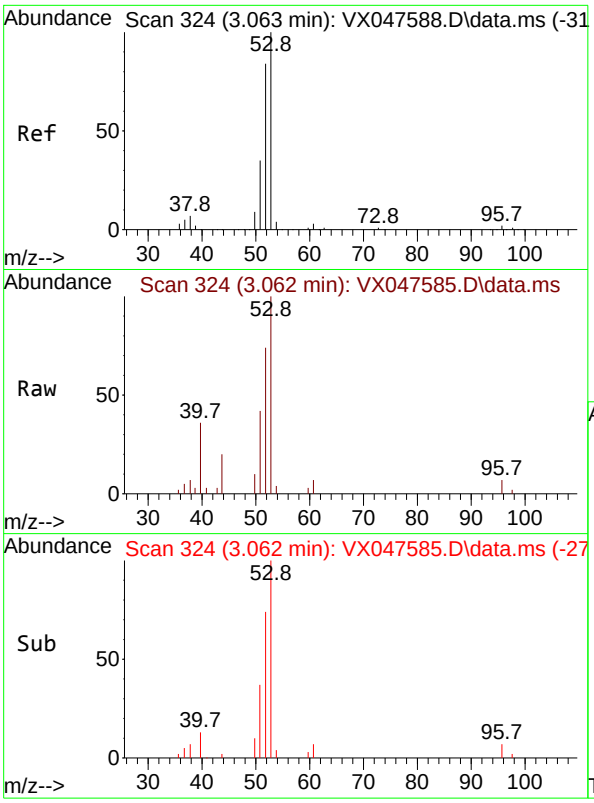


#14
Allyl chloride
Concen: 0.974 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 41 Resp: 5885

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

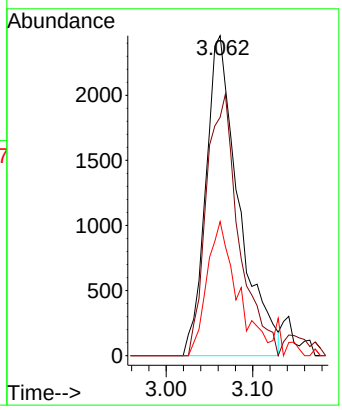




#15
Acrylonitrile
Concen: 4.018 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 53 Resp: 650

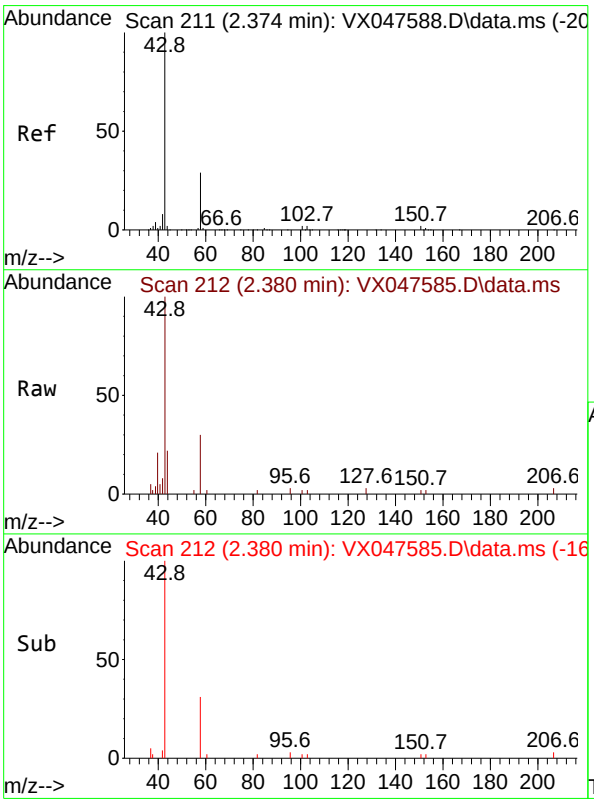
Ion	Ratio	Lower	Upper
53	100		
52	80.3	66.4	99.6
51	38.7	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

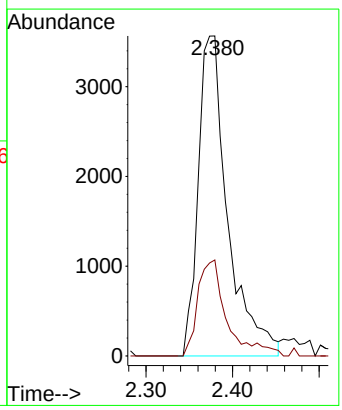
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

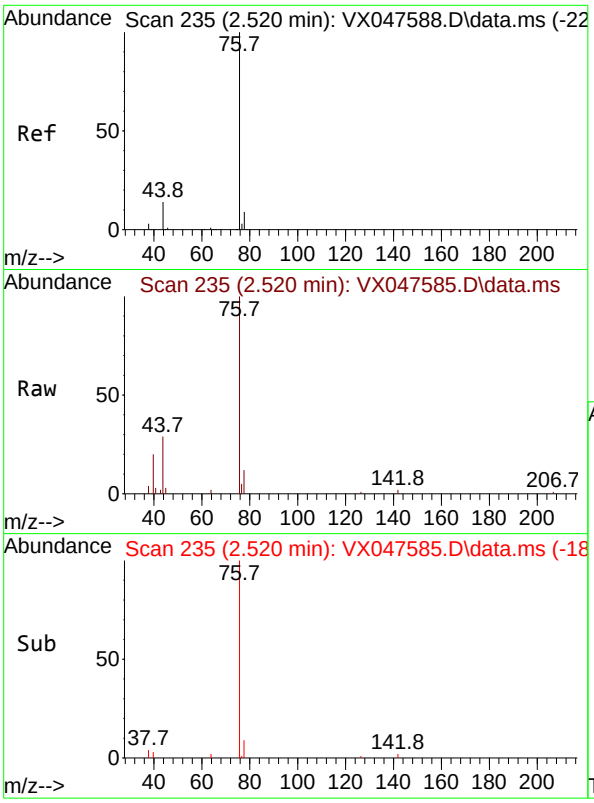


#16
Acetone
Concen: 4.953 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 8444

Ion	Ratio	Lower	Upper
43	100		
58	30.0	23.4	35.0





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

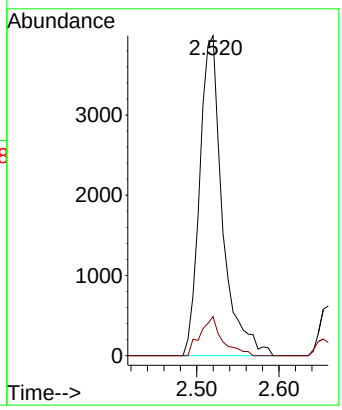
Tgt Ion: 76 Resp: 766

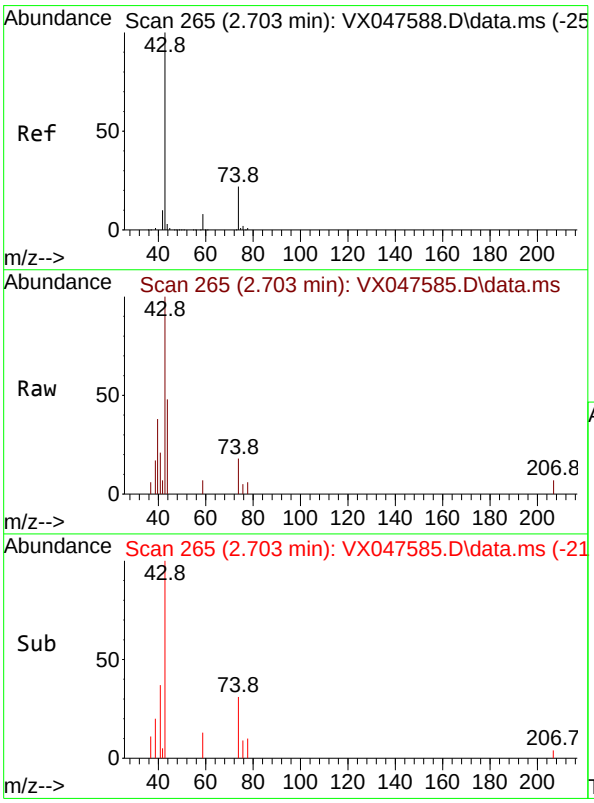
Ion	Ratio	Lower	Upper
76	100		
78	11.6	6.8	10.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

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

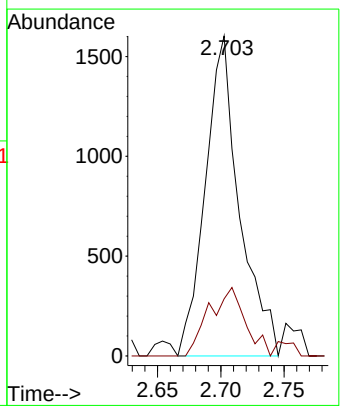


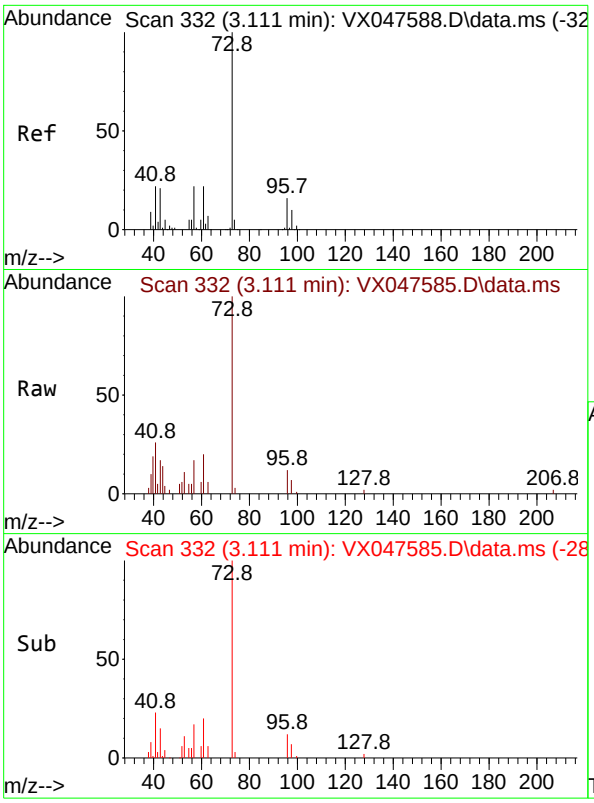


#18
Methyl Acetate
Concen: 0.794 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 3013

Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.4	26.2

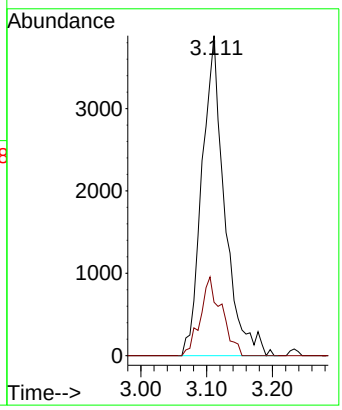




#19
Methyl tert-butyl Ether
Concen: 0.869 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 73 Resp: 928

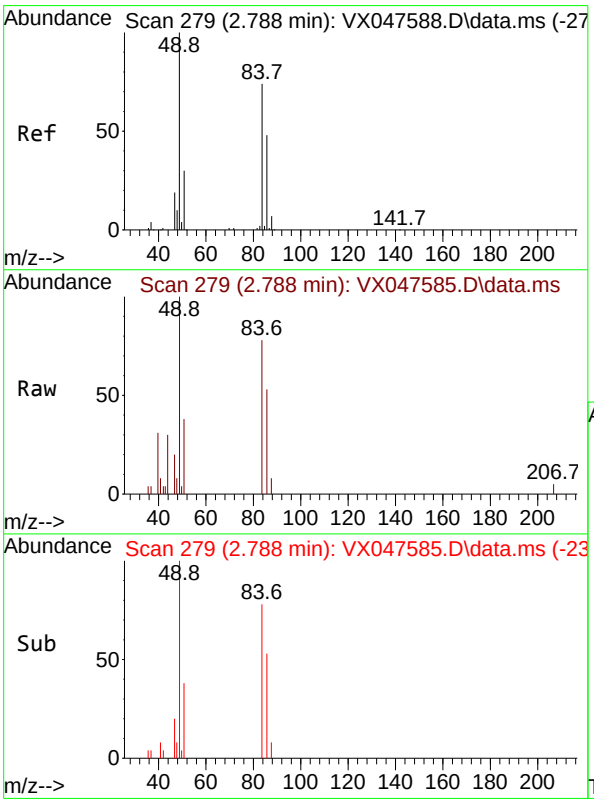
Ion	Ratio	Lower	Upper
73	100		
57	16.7	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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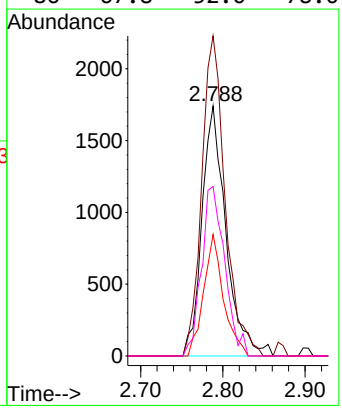
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

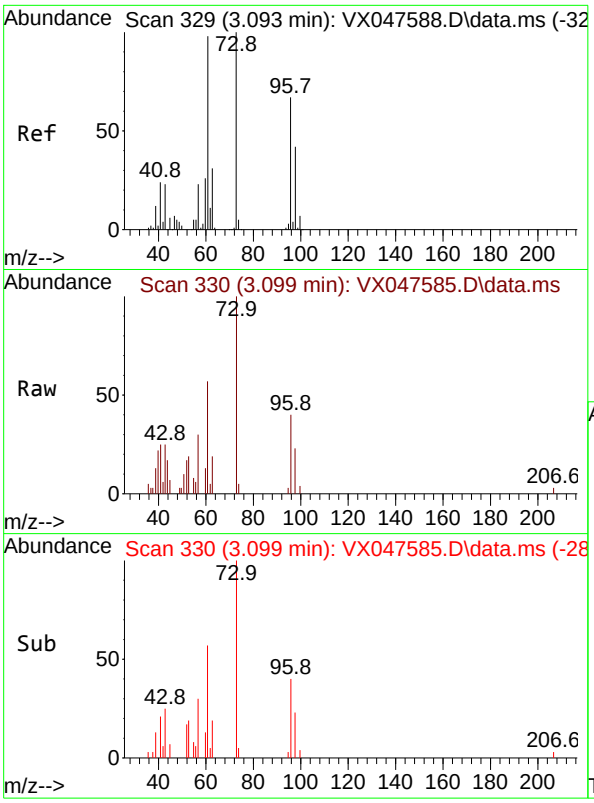


#20
Methylene Chloride
Concen: 0.981 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 84 Resp: 3540

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

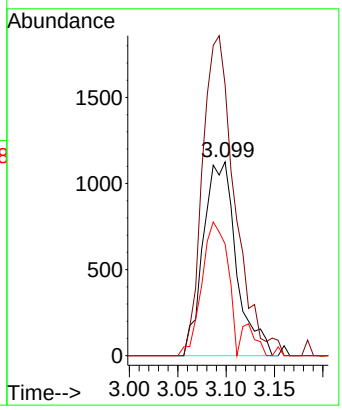




#21
trans-1,2-Dichloroethene
Concen: 0.849 ug/l
RT: 3.099 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 96 Resp: 267

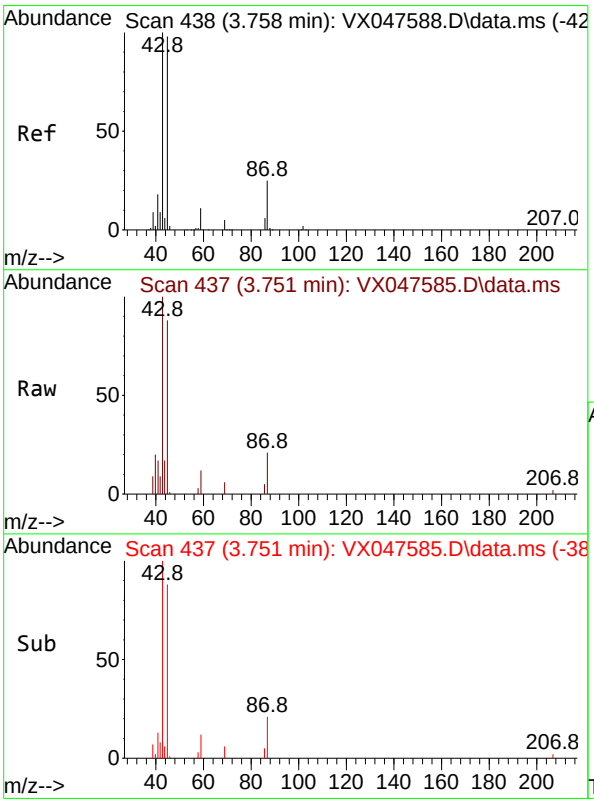
Ion	Ratio	Lower	Upper
96	100		
61	139.9	116.2	174.2
98	57.6	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

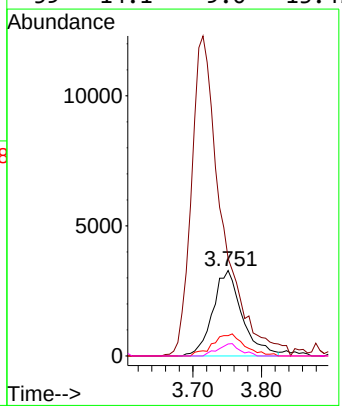
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

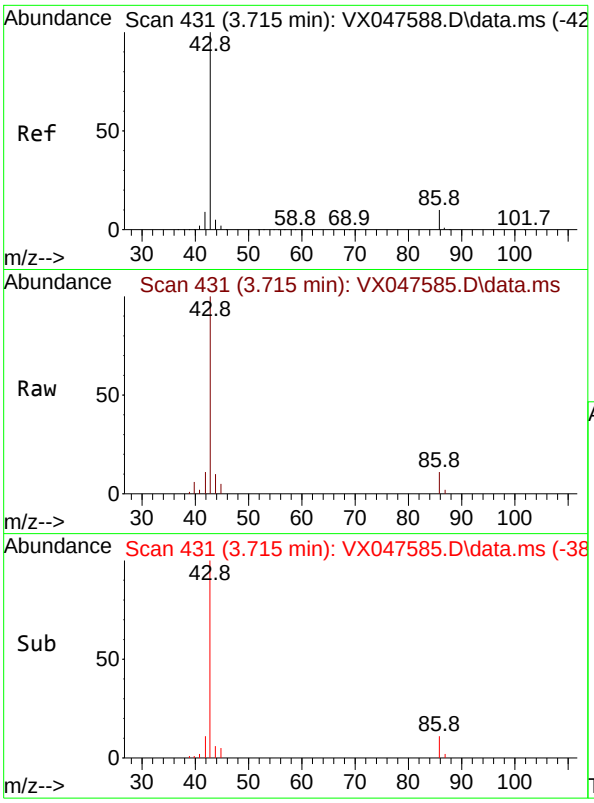


#22
Diisopropyl ether
Concen: 0.832 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 45 Resp: 9738

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





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

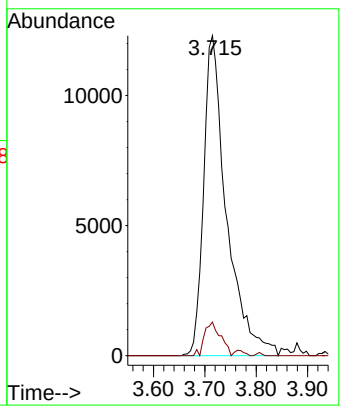
Tgt Ion: 43 Resp: 3796

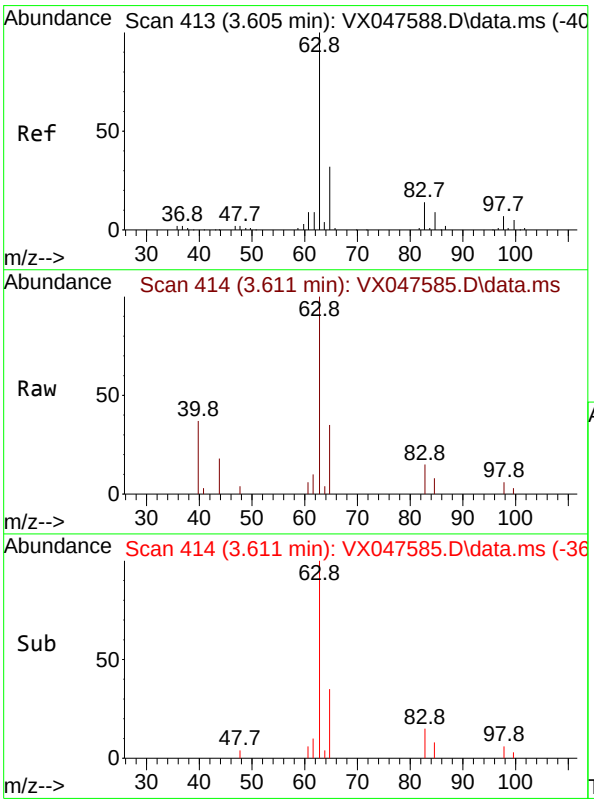
Ion	Ratio	Lower	Upper
43	100		
86	10.9	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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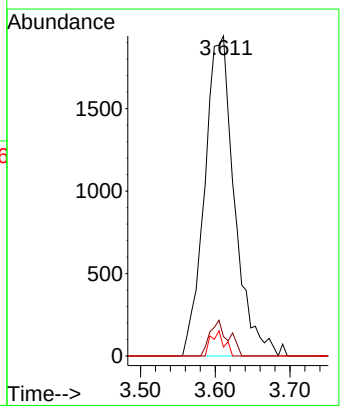


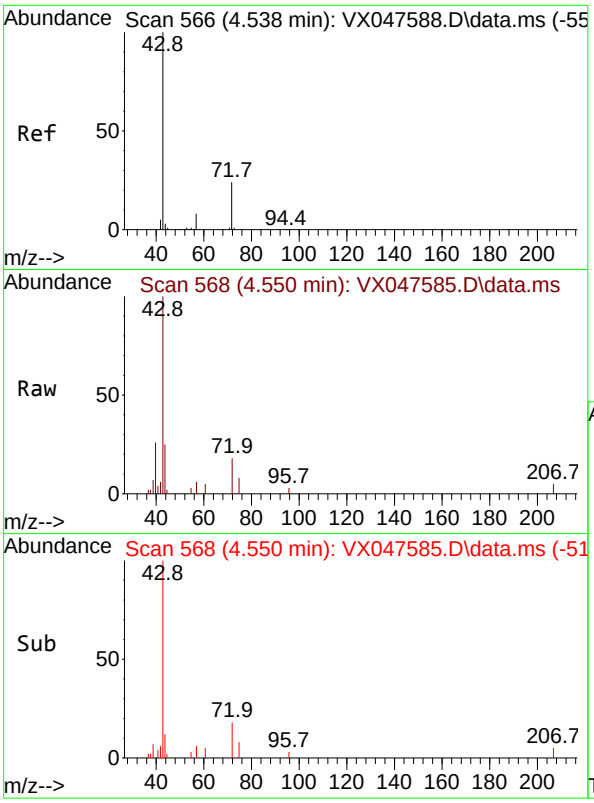


#24
1,1-Dichloroethane
Concen: 0.863 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 63 Resp: 5372

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





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

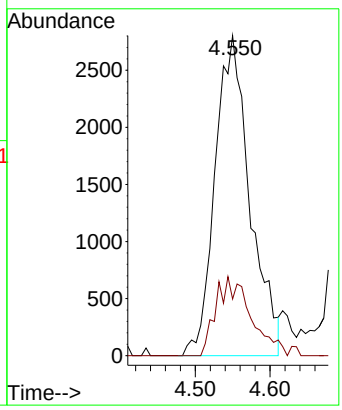
Tgt Ion: 43 Resp: 910

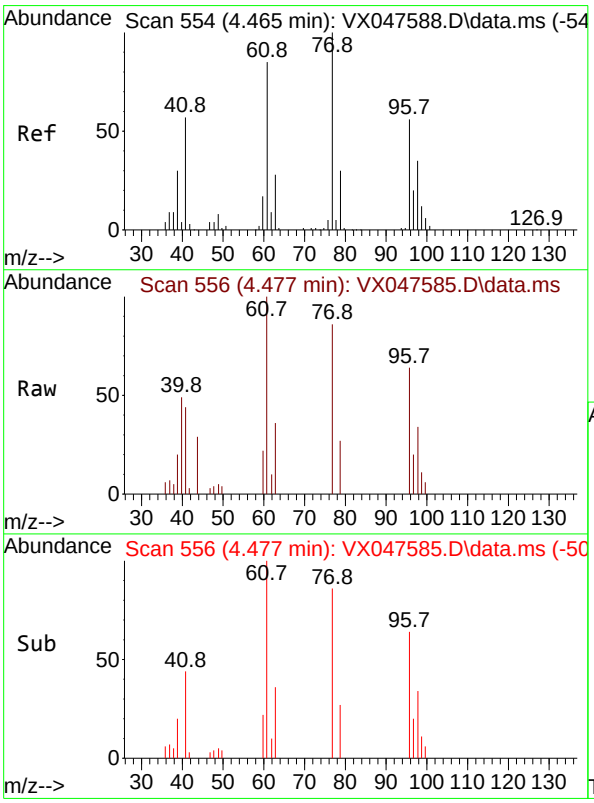
Ion	Ratio	Lower	Upper
43	100		
72	16.3	20.1	30.1#

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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Supervised By :Mahesh Dadoda 09/18/2025

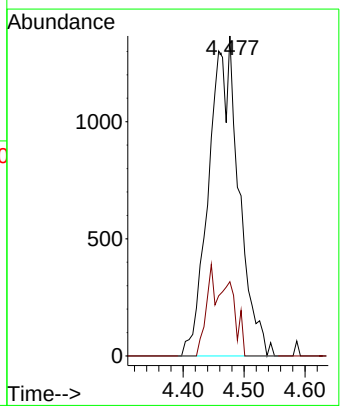


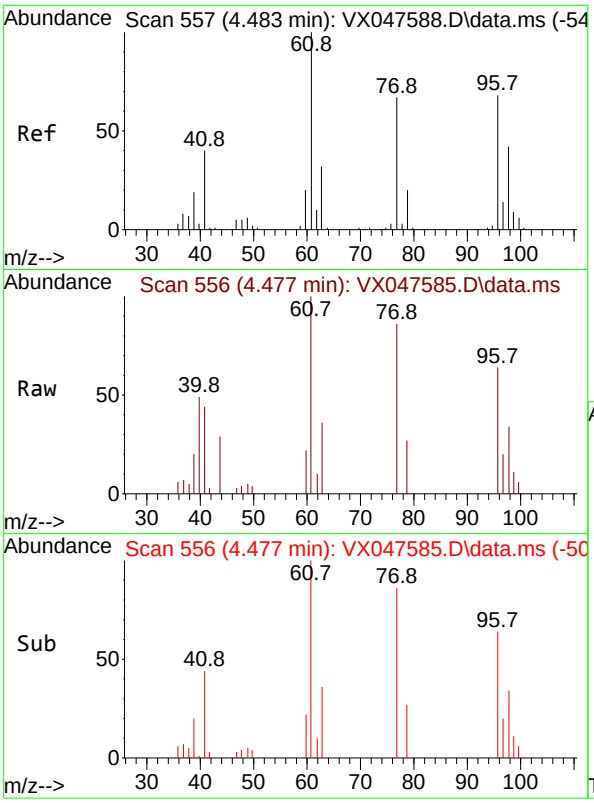


#26
2,2-Dichloropropane
Concen: 0.901 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 77 Resp: 4657

Ion	Ratio	Lower	Upper
77	100		
97	11.0	10.9	32.7

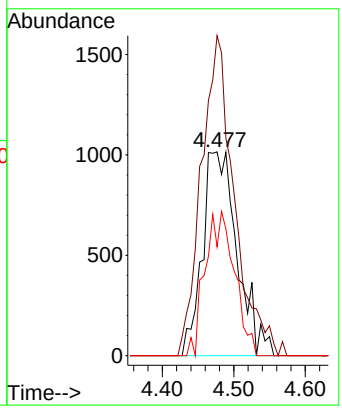




#27
cis-1,2-Dichloroethene
Concen: 0.891 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 96 Resp: 344

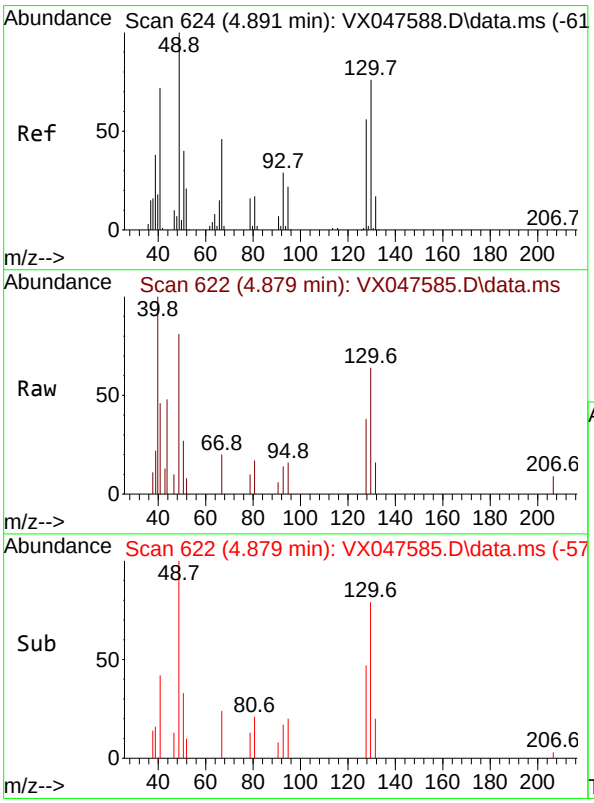
Ion	Ratio	Lower	Upper
96	100		
61	147.4	0.0	303.2
98	59.4	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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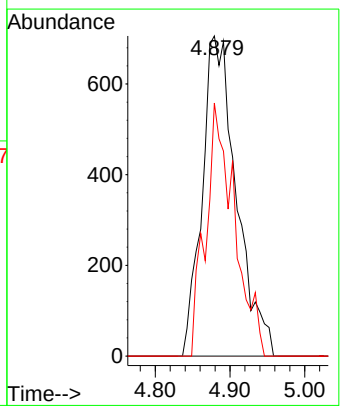
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

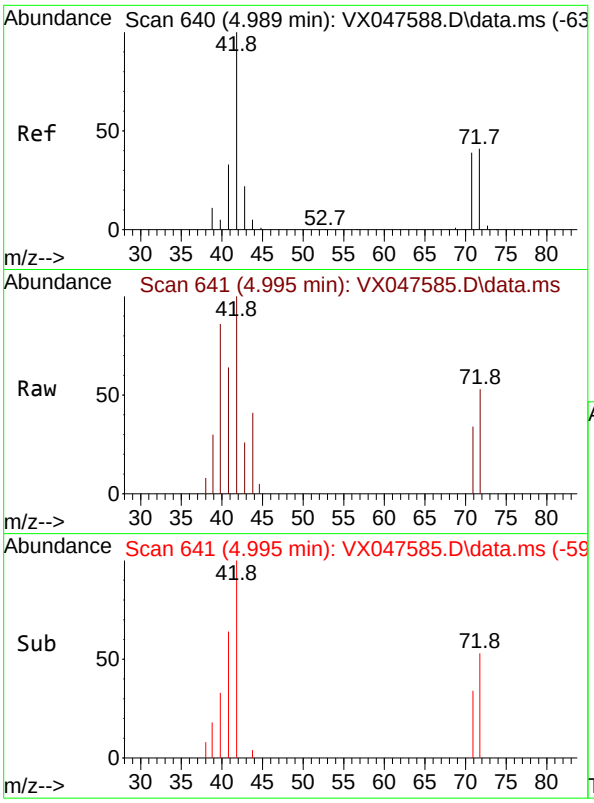


#28
Bromochloromethane
Concen: 0.829 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 49 Resp: 2251

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





#29
Tetrahydrofuran
Concen: 4.072 ug/l
RT: 4.995 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

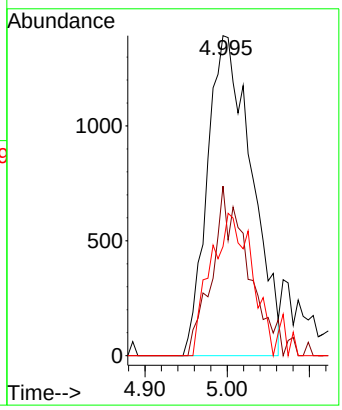
Tgt Ion: 42 Resp: 521

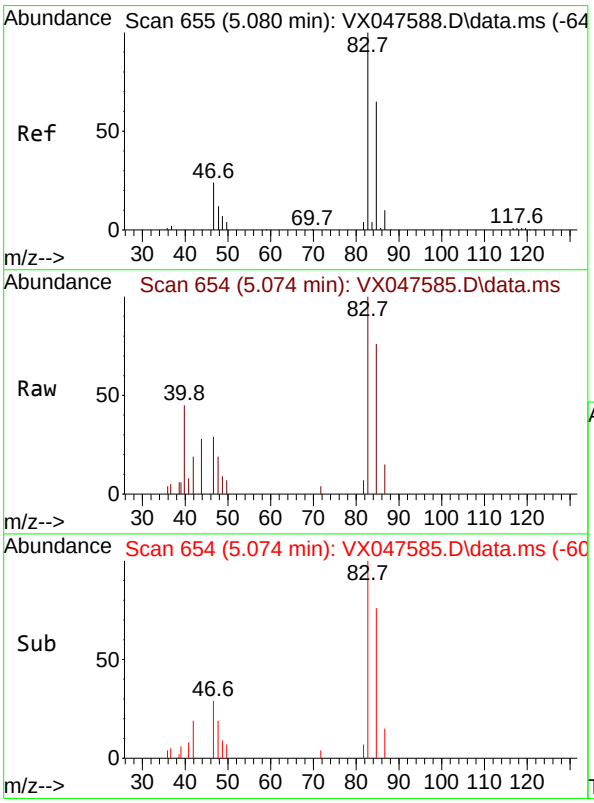
Ion	Ratio	Lower	Upper
42	100		
72	44.1	34.2	51.2
71	41.3	31.9	47.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

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

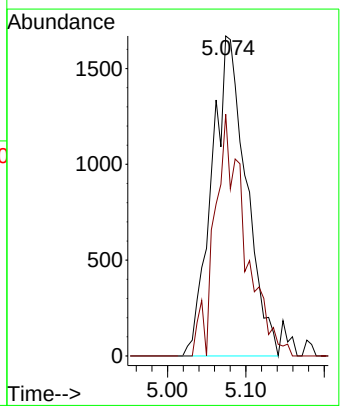


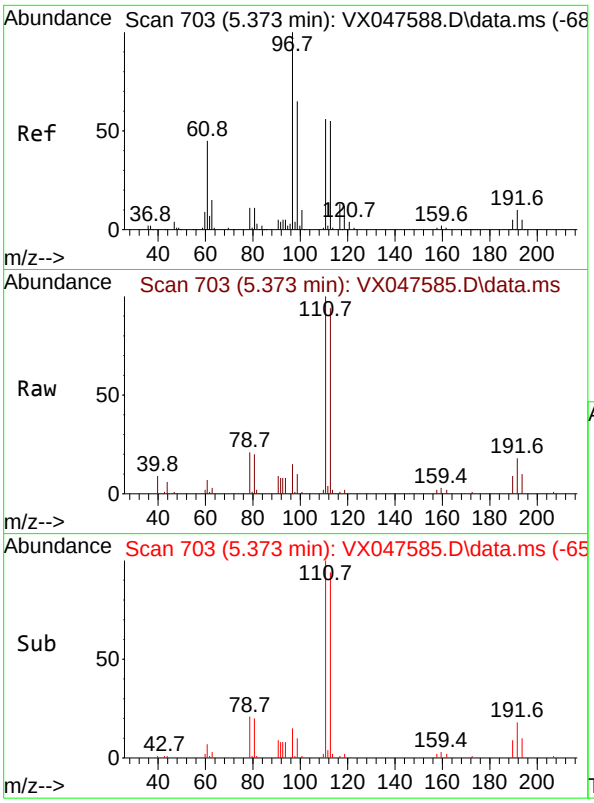


#30
Chloroform
Concen: 0.810 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 83 Resp: 5093

Ion	Ratio	Lower	Upper
83	100		
85	75.6	51.8	77.6

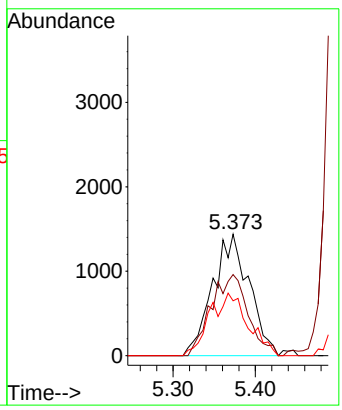




#32
1,1,1-Trichloroethane
Concen: 0.832 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 97 Resp: 443

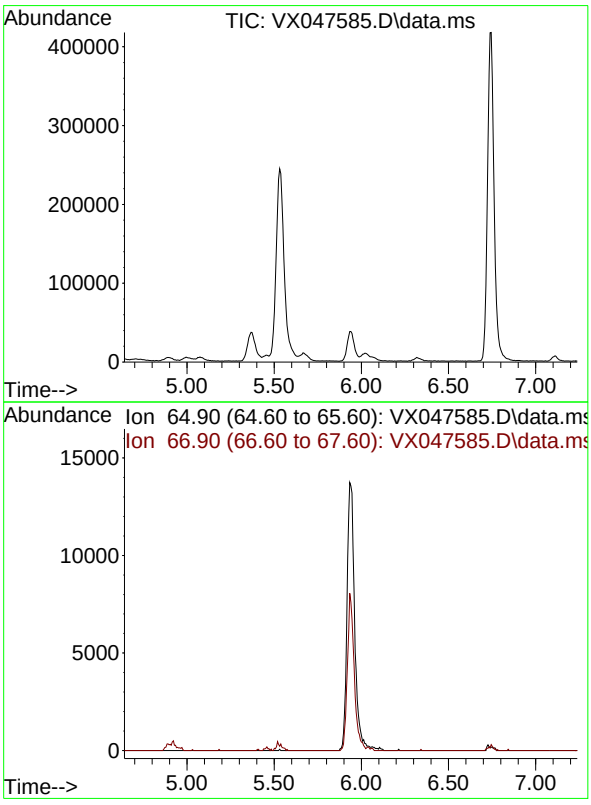
Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.6	76.0
61	36.2	35.8	53.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

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

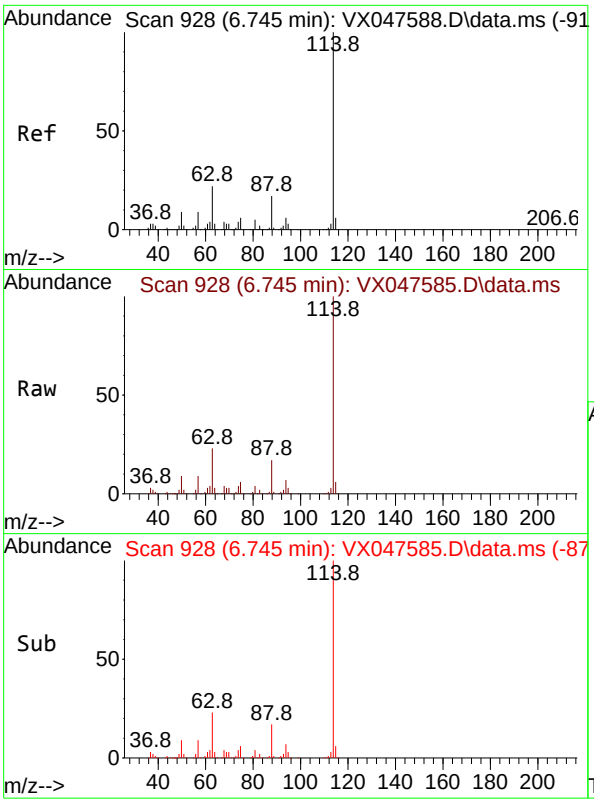


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 5.94 min

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

Tgt Ion: 65

Sig	Exp Ratio
65	100
67	51.5



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

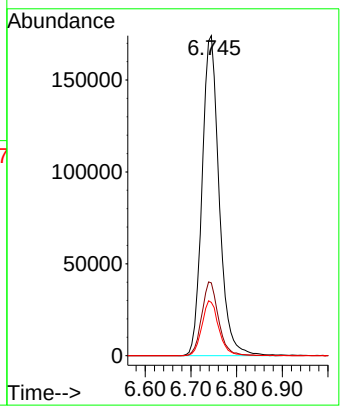
Tgt Ion:114 Resp: 45150

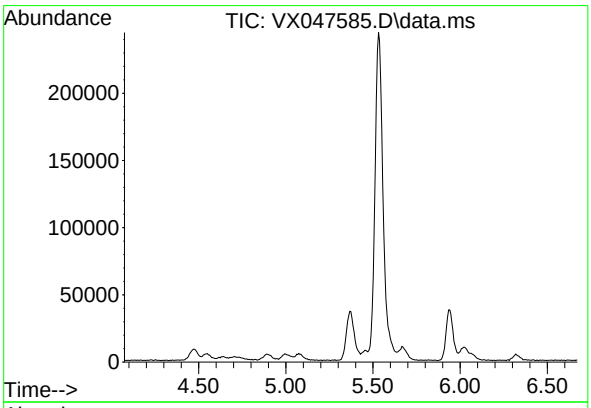
Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	44.0
88	16.6	0.0	34.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

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



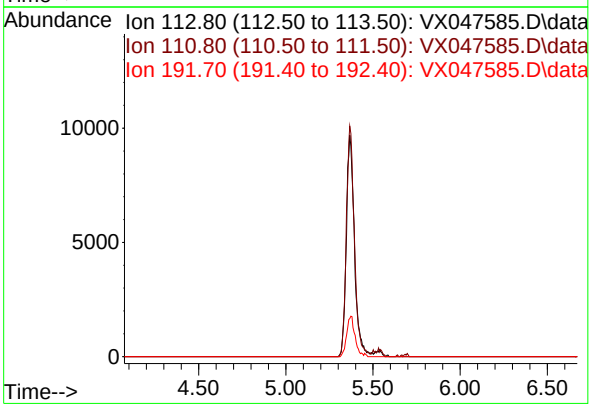


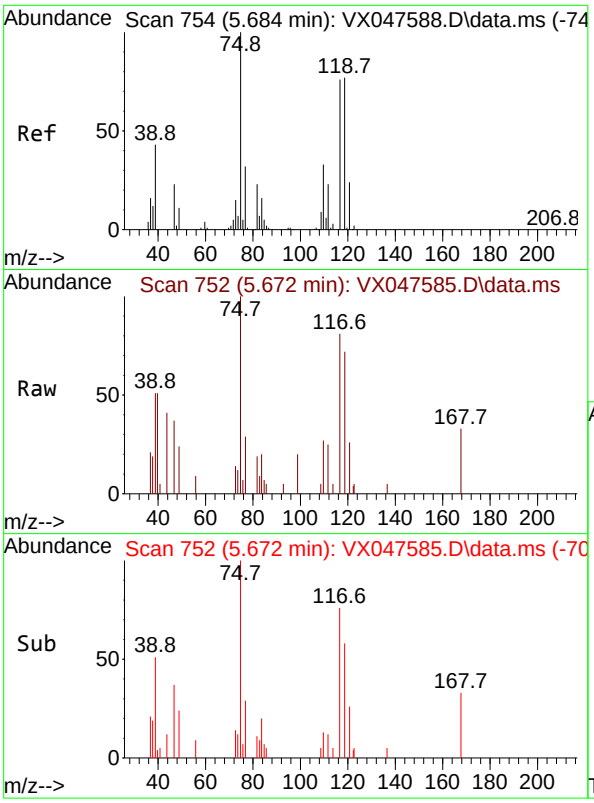
#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.37 min

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

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	101.1
192	17.8

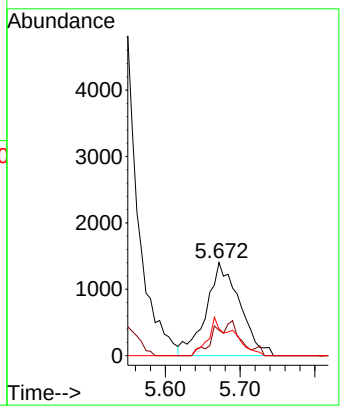




#36
1,1-Dichloropropene
Concen: 0.988 ug/l
RT: 5.672 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 75 Resp: 437

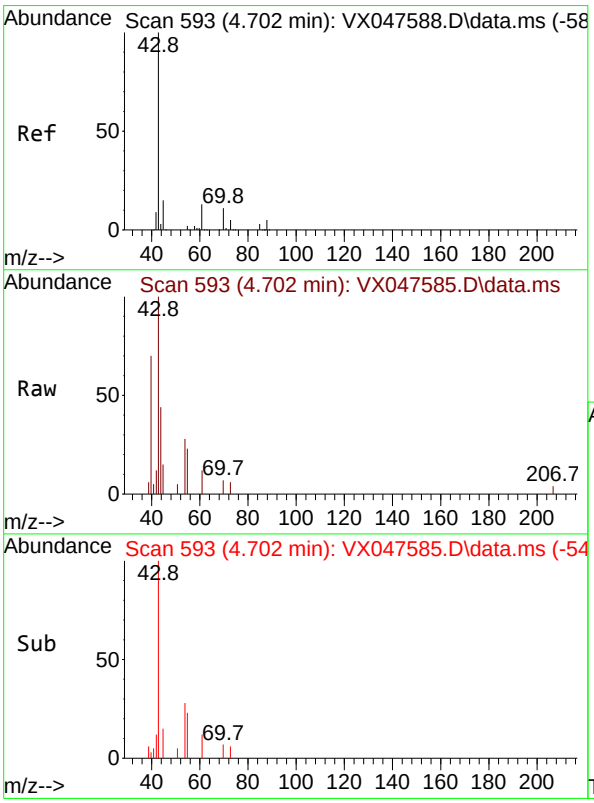
Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.7	50.1#
77	30.0	24.3	36.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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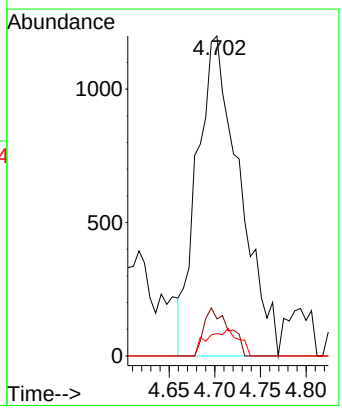
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

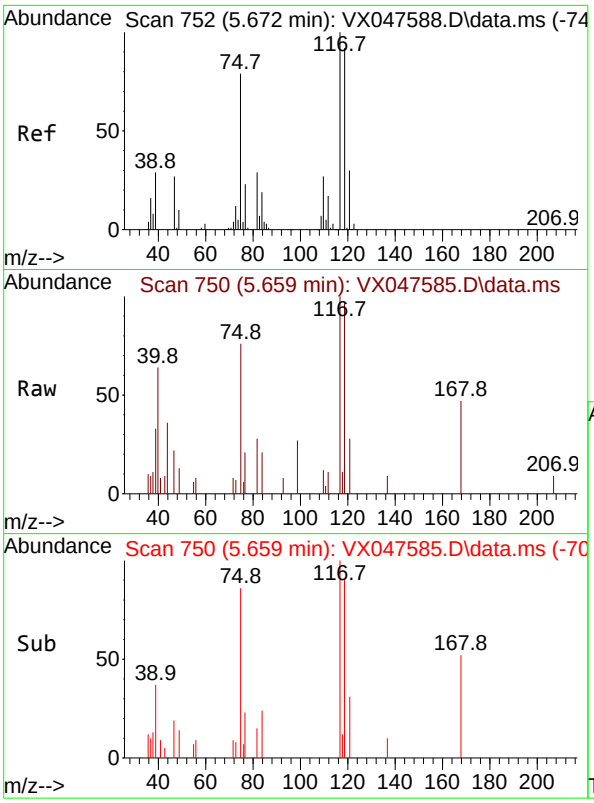


#37
Ethyl Acetate
Concen: 0.818 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 3873

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

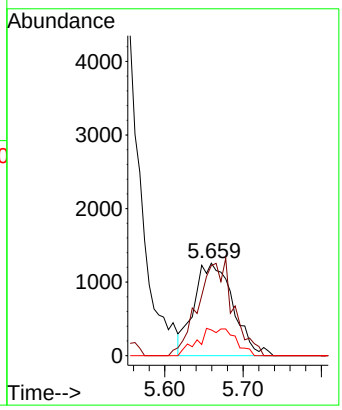




#38
Carbon Tetrachloride
Concen: 0.905 ug/l
RT: 5.659 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:117 Resp: 434

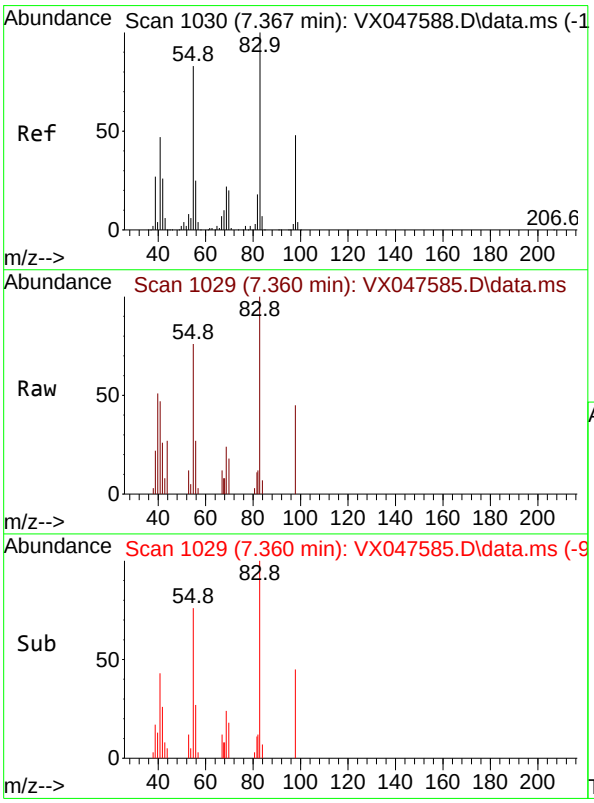
Ion	Ratio	Lower	Upper
117	100		
119	97.3	73.4	110.2
121	27.8	23.8	35.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

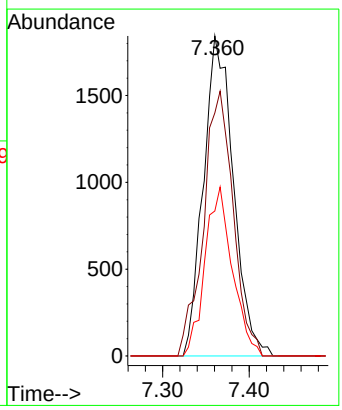
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

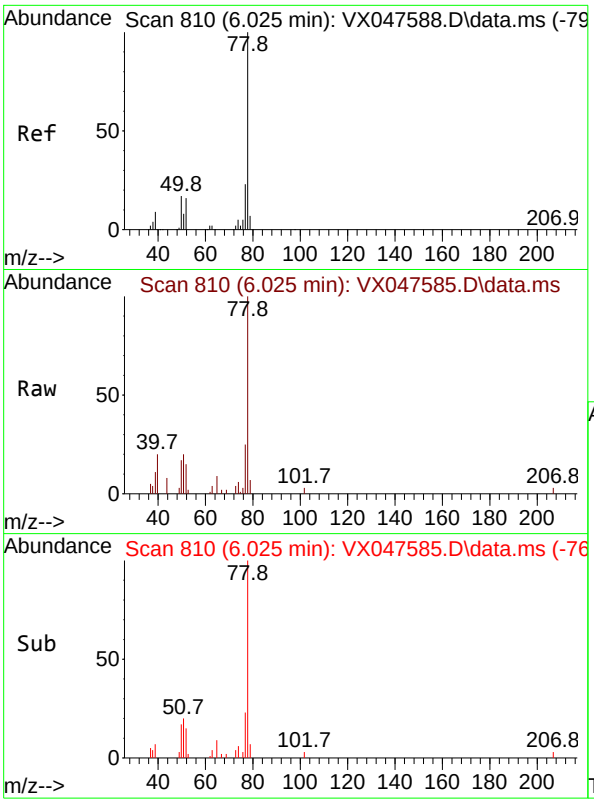


#39
Methylcyclohexane
Concen: 0.882 ug/l
RT: 7.360 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 83 Resp: 4428

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

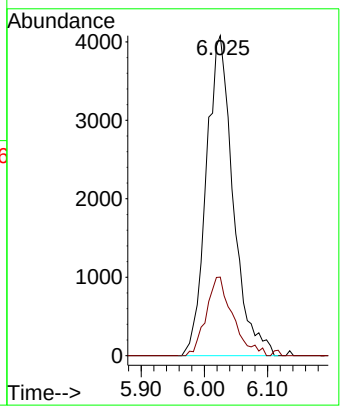




#40
Benzene
Concen: 0.894 ug/l
RT: 6.025 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 78 Resp: 1201

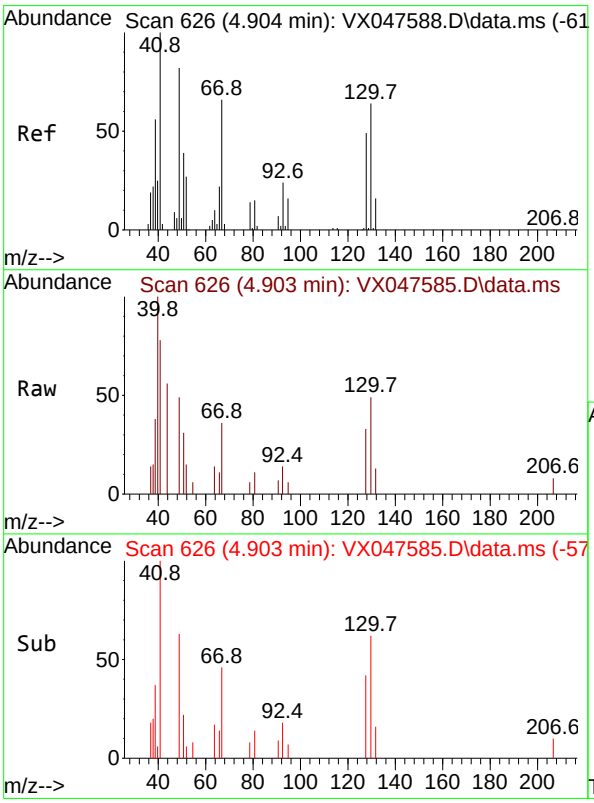
Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.8	28.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

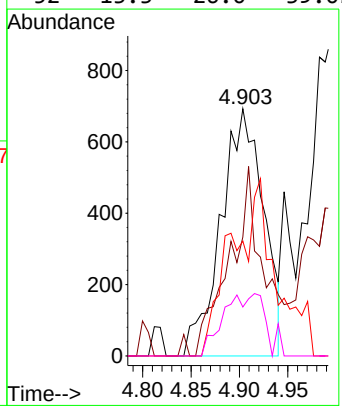
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

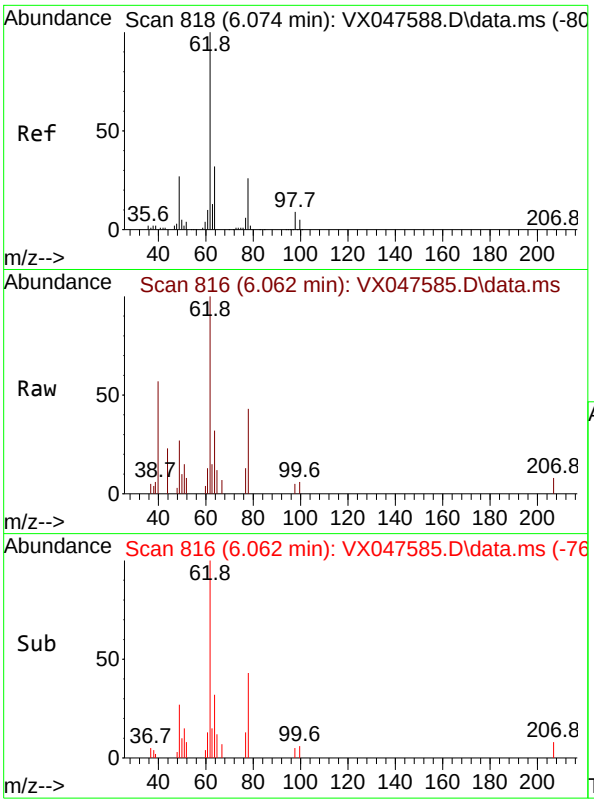


#41
Methacrylonitrile
Concen: 0.870 ug/l
RT: 4.903 min Scan# 626
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 41 Resp: 2128

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

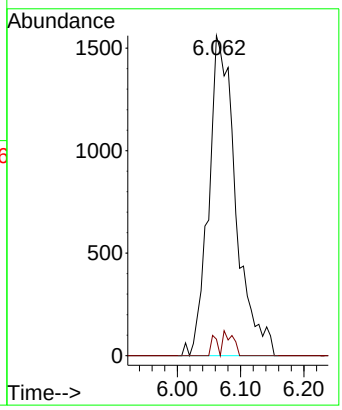




#42
1,2-Dichloroethane
Concen: 0.906 ug/l
RT: 6.062 min Scan# 8
Delta R.T. -0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 62 Resp: 463

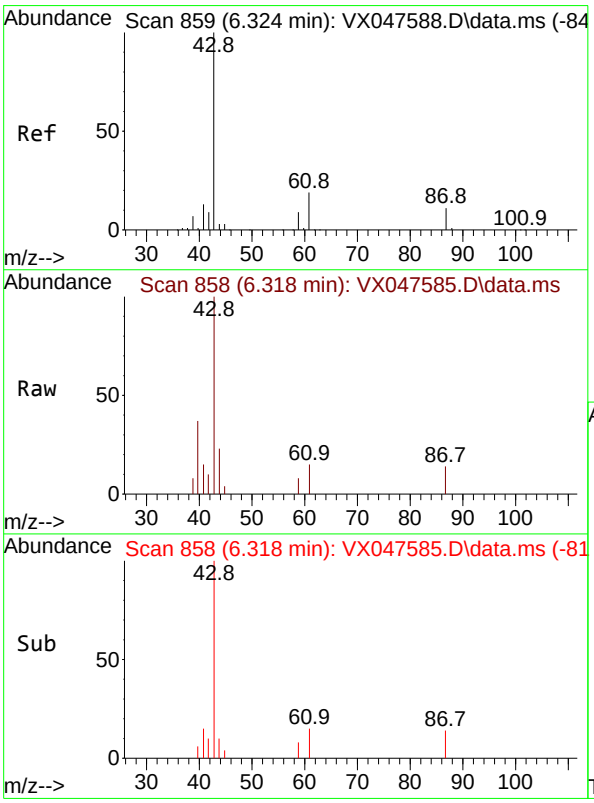
Ion	Ratio	Lower	Upper
62	100		
98	1.4	0.0	17.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

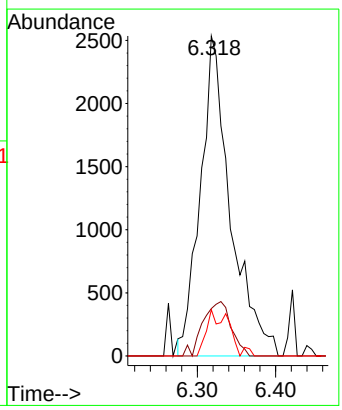
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

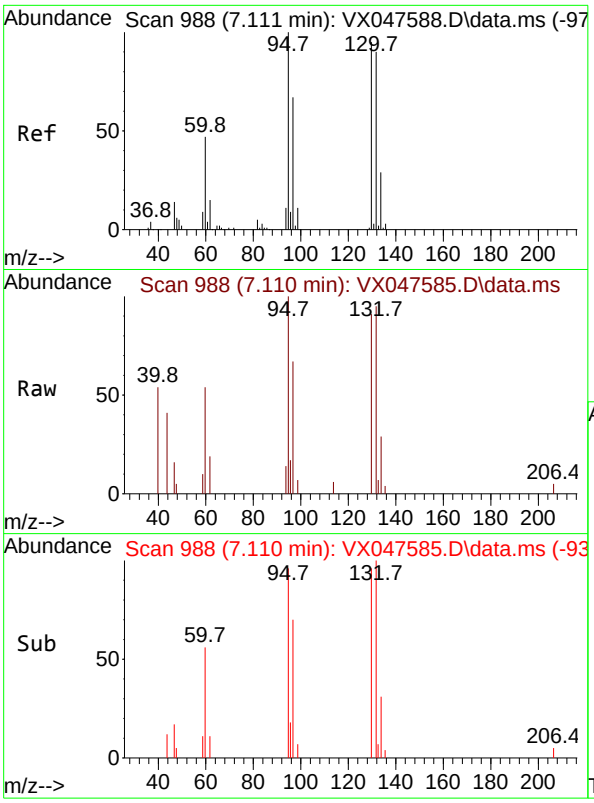


#43
Isopropyl Acetate
Concen: 0.873 ug/l
RT: 6.318 min Scan# 858
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 6784

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

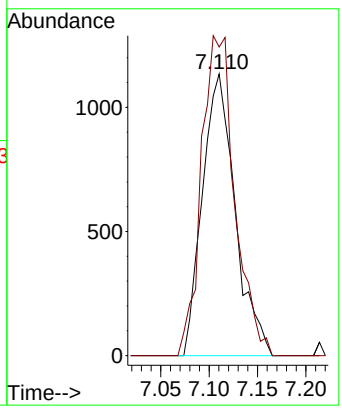




#44
Trichloroethene
Concen: 0.824 ug/l
RT: 7.110 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:130 Resp: 267

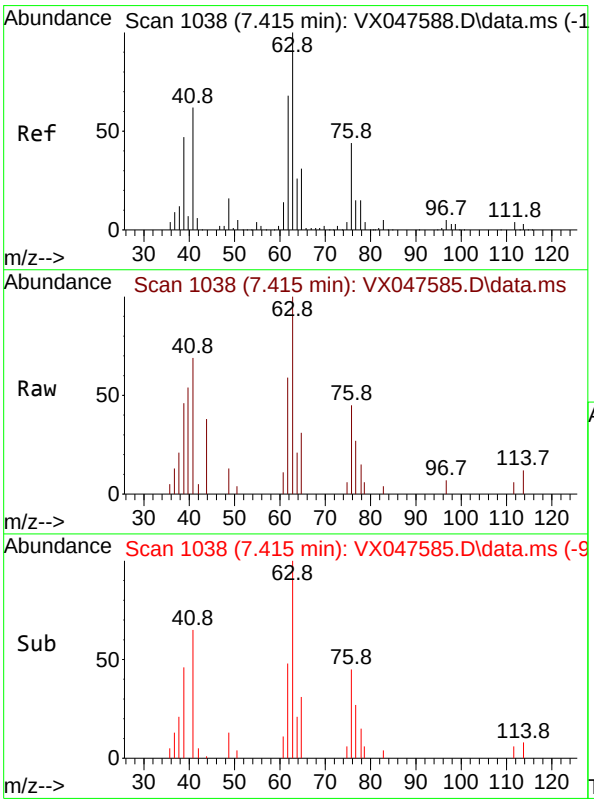
Ion	Ratio	Lower	Upper
130	100		
95	127.9	0.0	210.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

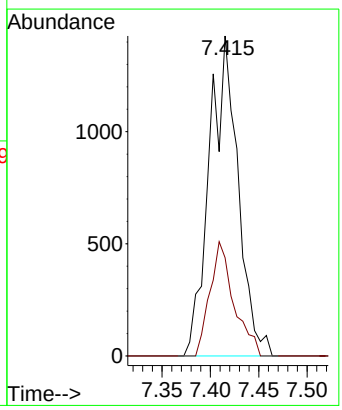
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

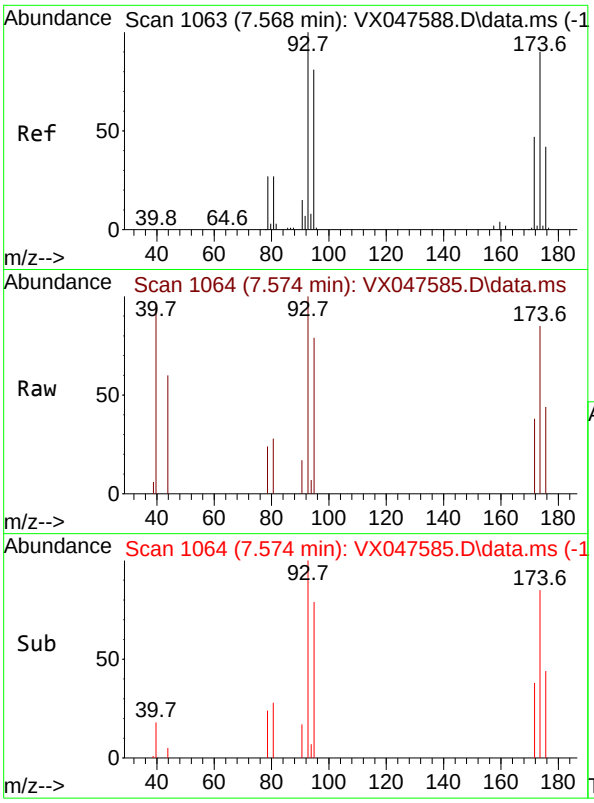


#45
1,2-Dichloropropane
Concen: 0.856 ug/l
RT: 7.415 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 63 Resp: 2945

Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.7	37.1

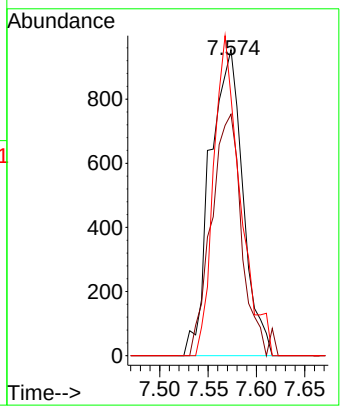




#46
Dibromomethane
Concen: 0.895 ug/l
RT: 7.574 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 93 Resp: 224

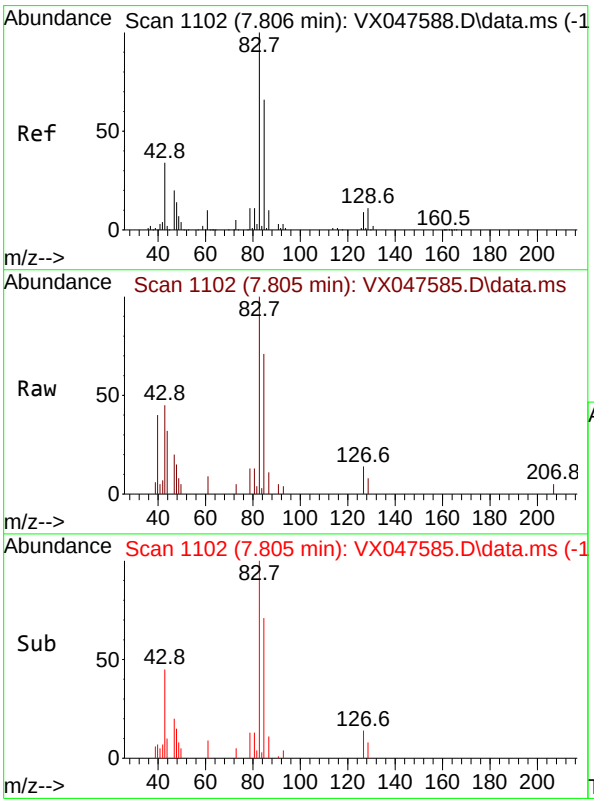
Ion	Ratio	Lower	Upper
93	100		
95	74.4	65.0	97.6
174	85.1	71.6	107.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

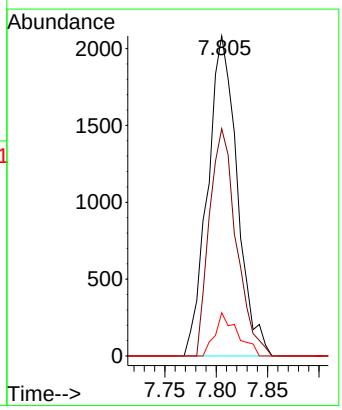
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

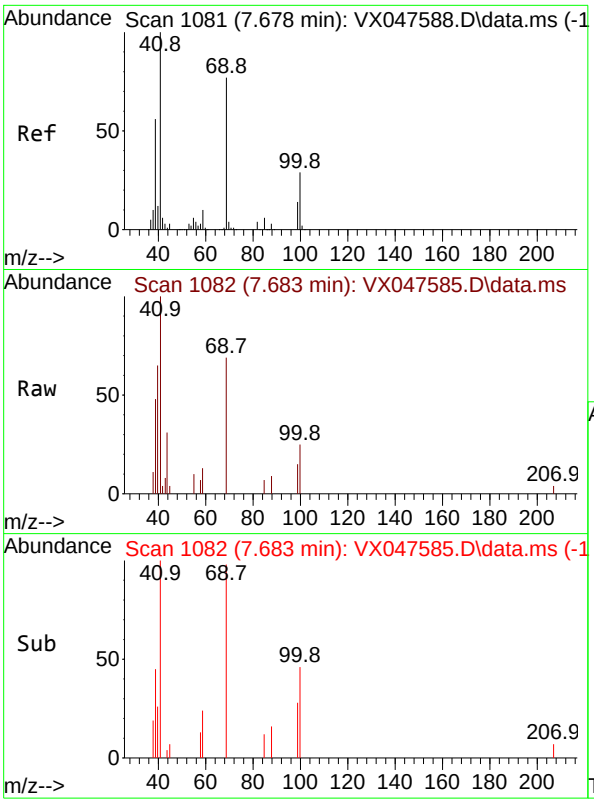


#47
Bromodichloromethane
Concen: 0.806 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 83 Resp: 4167

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





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

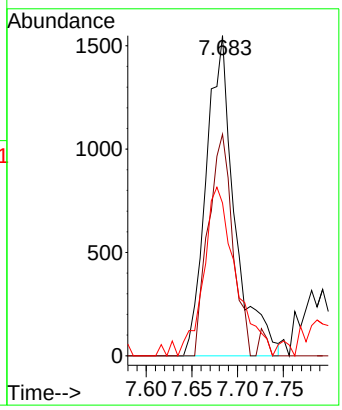
Tgt Ion: 41 Resp: 335

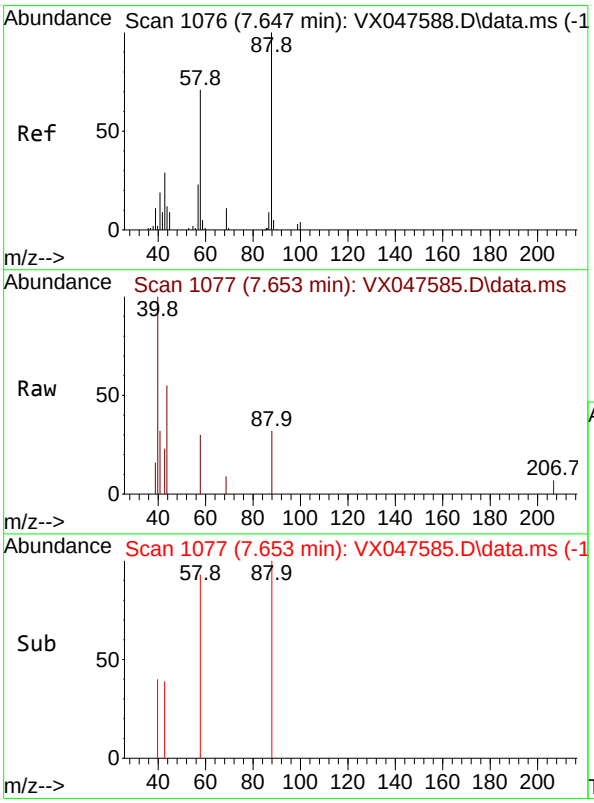
Ion	Ratio	Lower	Upper
41	100		
69	59.3	61.4	92.2#
39	59.5	45.8	68.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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

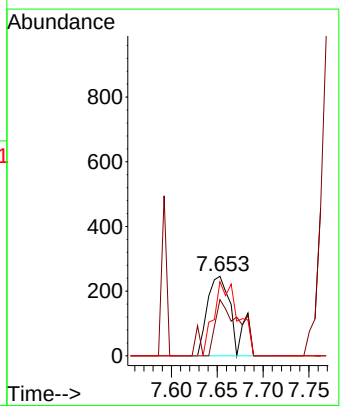


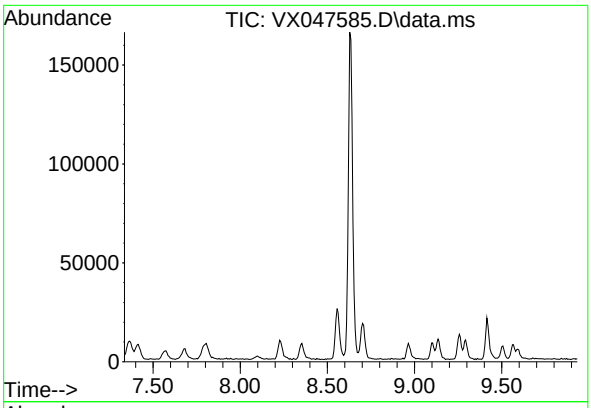


#49
1,4-Dioxane
Concen: 12.477 ug/l m
RT: 7.653 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 88 Resp: 488

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





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

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

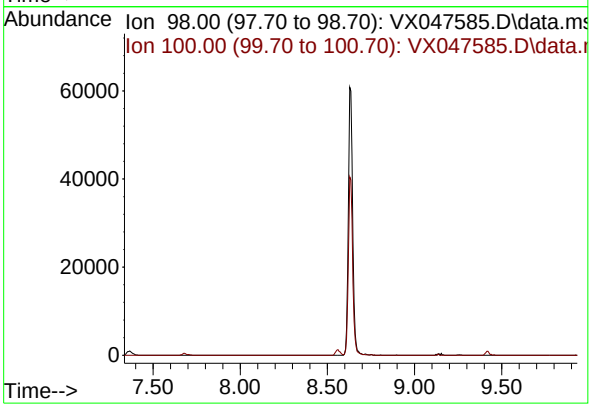
Tgt Ion: 98

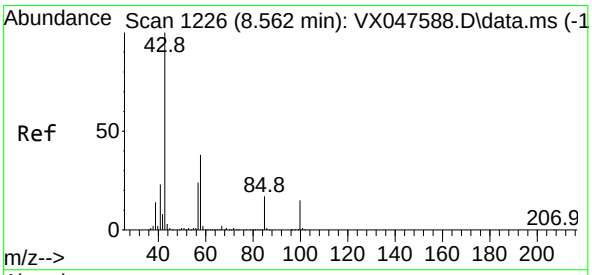
Sig	Exp Ratio
98	100
100	66.2

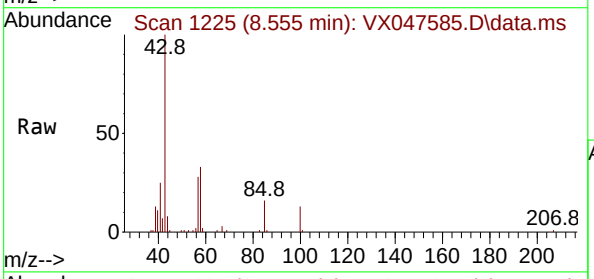
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

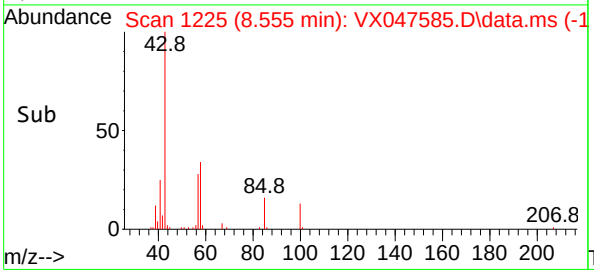
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Supervised By :Mahesh Dadoda 09/18/2025





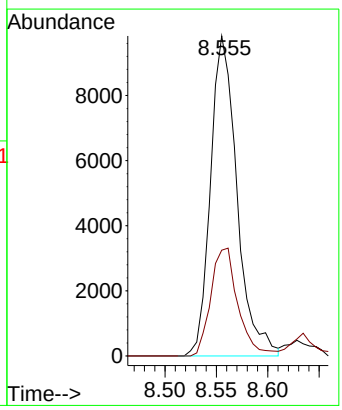


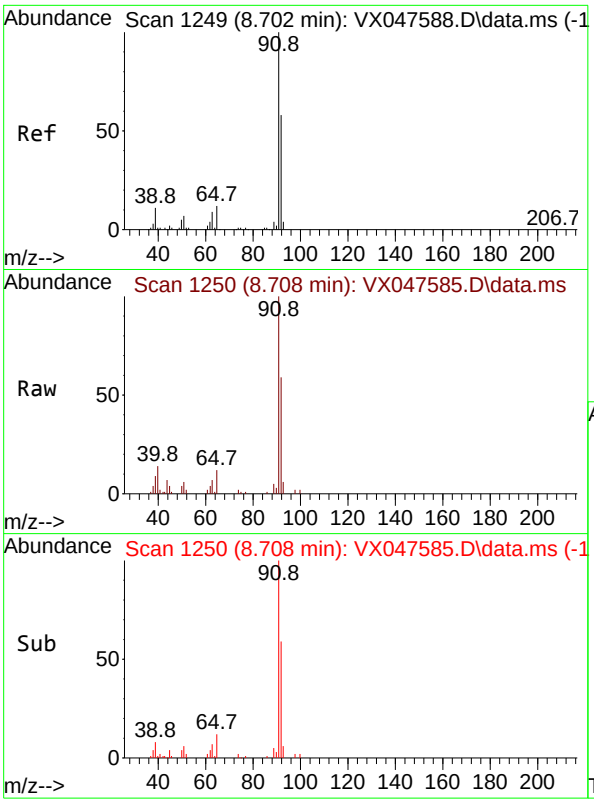


#51
4-Methyl-2-Pentanone
Concen: 4.085 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 17596

Ion	Ratio	Lower	Upper
43	100		
58	34.7	30.3	45.5

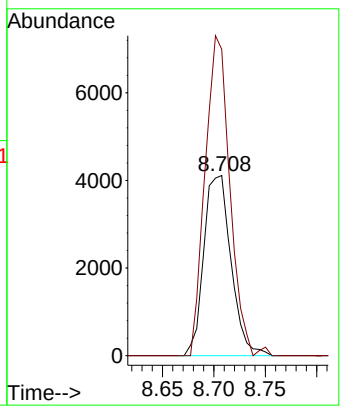




#52
Toluene
Concen: 0.917 ug/l
RT: 8.708 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 92 Resp: 759

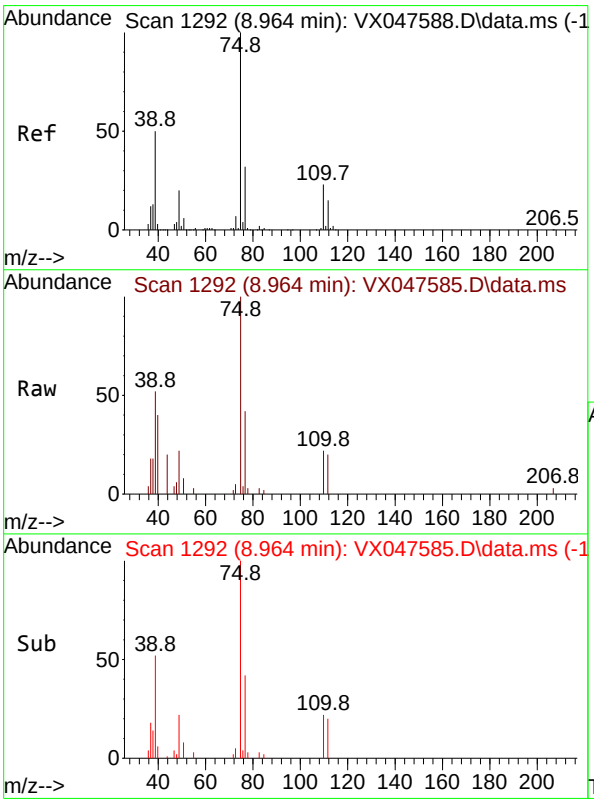
Ion	Ratio	Lower	Upper
92	100		
91	160.7	137.1	205.7



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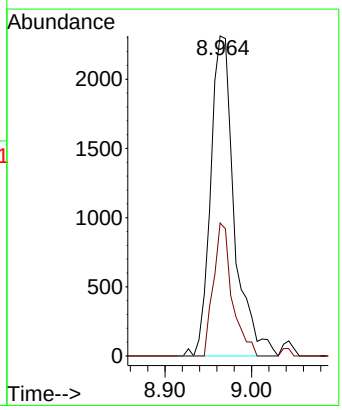
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

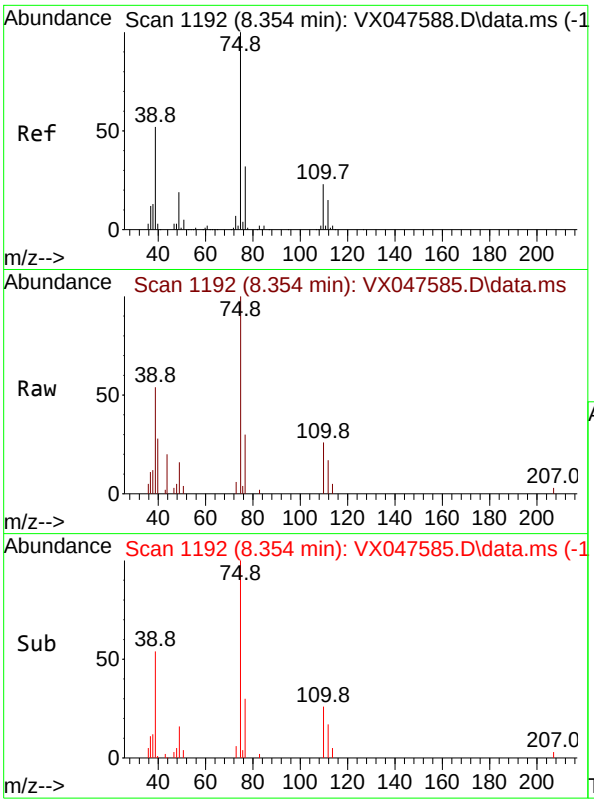


#53
t-1,3-Dichloropropene
Concen: 0.834 ug/l
RT: 8.964 min Scan# 1292
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 75 Resp: 4398

Ion	Ratio	Lower	Upper
75	100		
77	41.5	25.4	38.2#

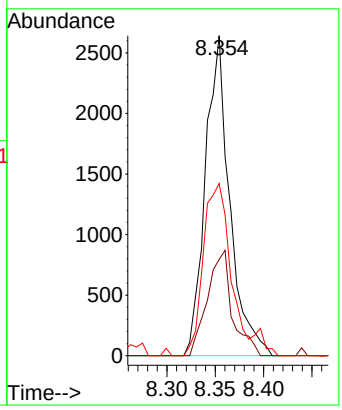




#54
cis-1,3-Dichloropropene
Concen: 0.823 ug/l
RT: 8.354 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 75 Resp: 463

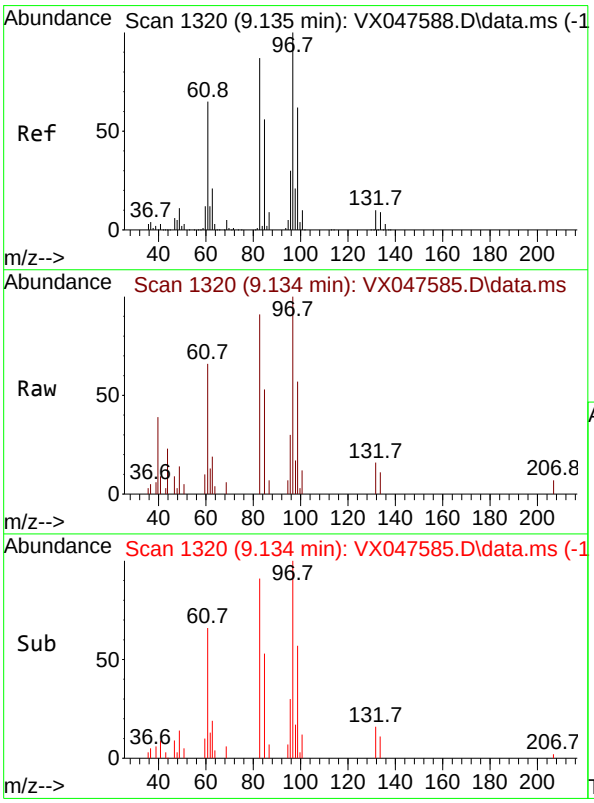
Ion	Ratio	Lower	Upper
75	100		
77	30.1	25.8	38.6
39	25.6	41.4	62.2#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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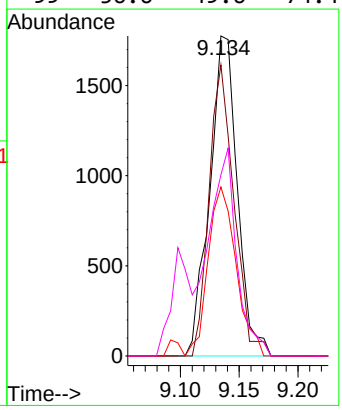
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

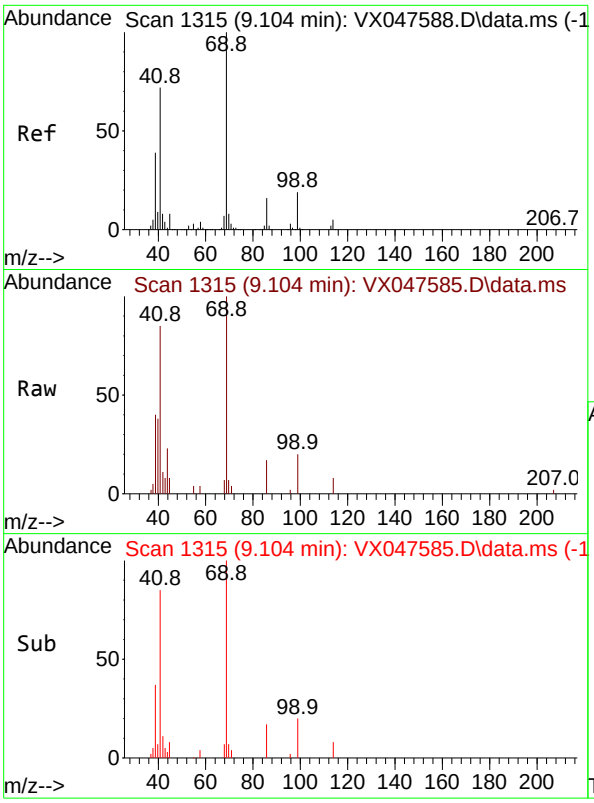


#55
1,1,2-Trichloroethane
Concen: 0.914 ug/l
RT: 9.134 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 97 Resp: 2918

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

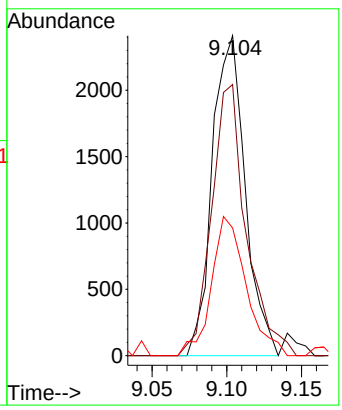




#56
Ethyl methacrylate
Concen: 0.734 ug/l
RT: 9.104 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 69 Resp: 367

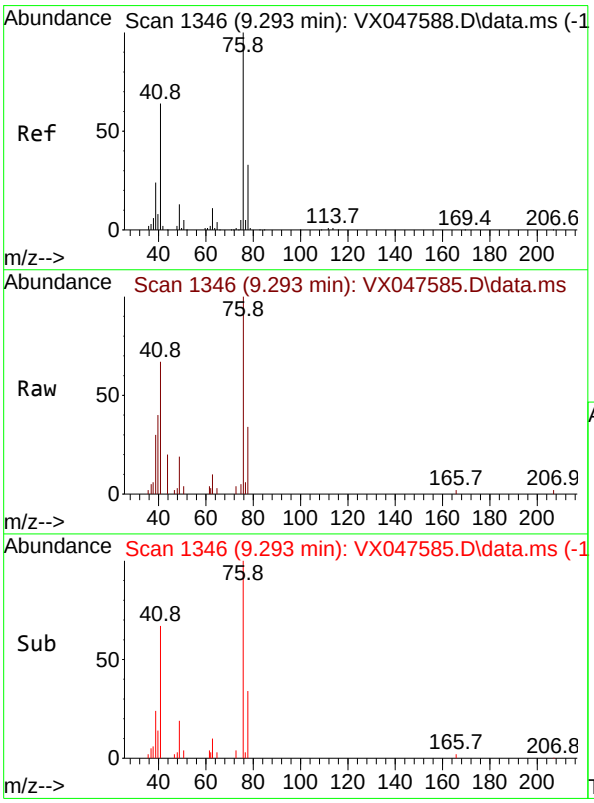
Ion	Ratio	Lower	Upper
69	100		
41	89.4	58.6	87.8
39	46.0	31.5	47.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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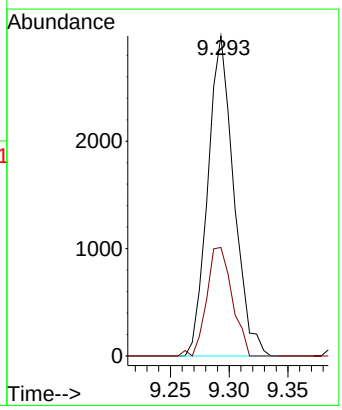
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

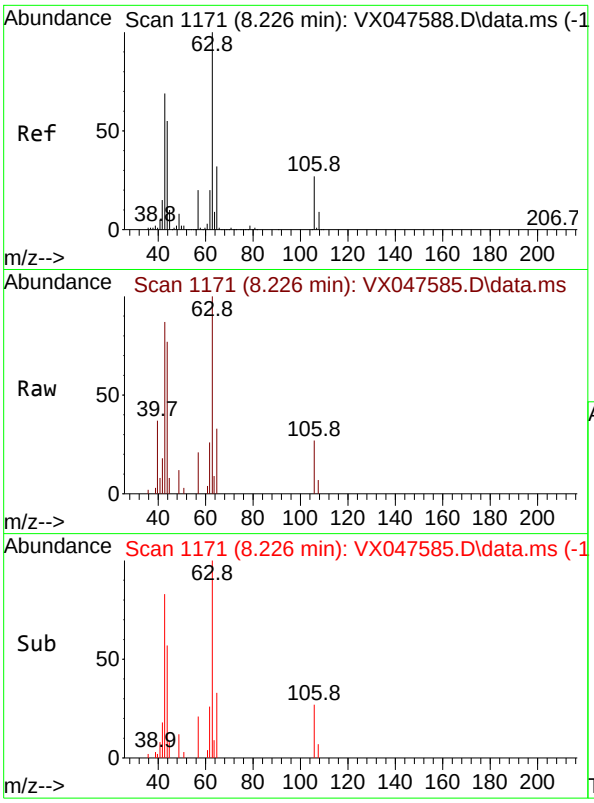


#57
1,3-Dichloropropane
Concen: 0.835 ug/l
RT: 9.293 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 76 Resp: 4580

Ion	Ratio	Lower	Upper
76	100		
78	33.2	26.2	39.4

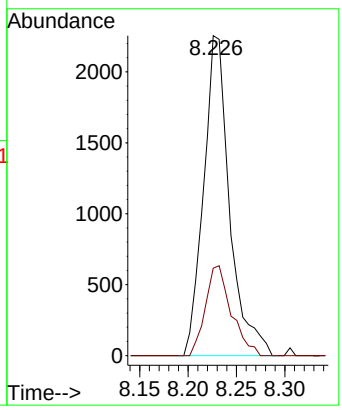




#58
2-Chloroethyl Vinyl ether
Concen: 9.665 ug/l
RT: 8.226 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 63 Resp: 422

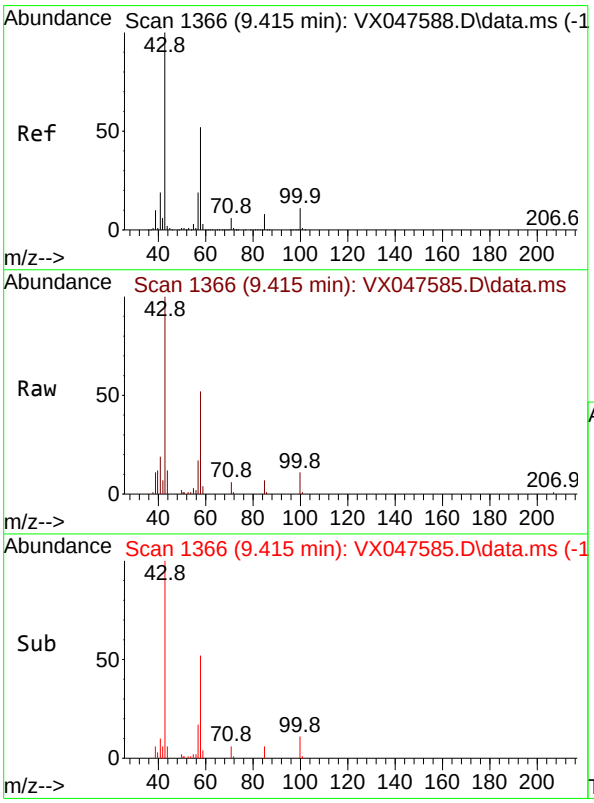
Ion	Ratio	Lower	Upper
63	100		
106	27.9	21.9	32.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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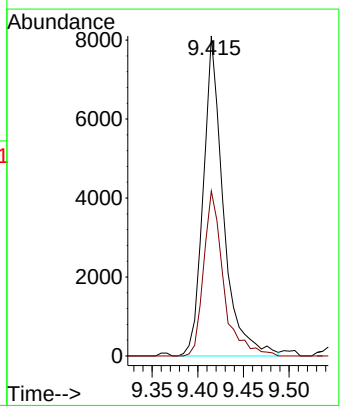
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

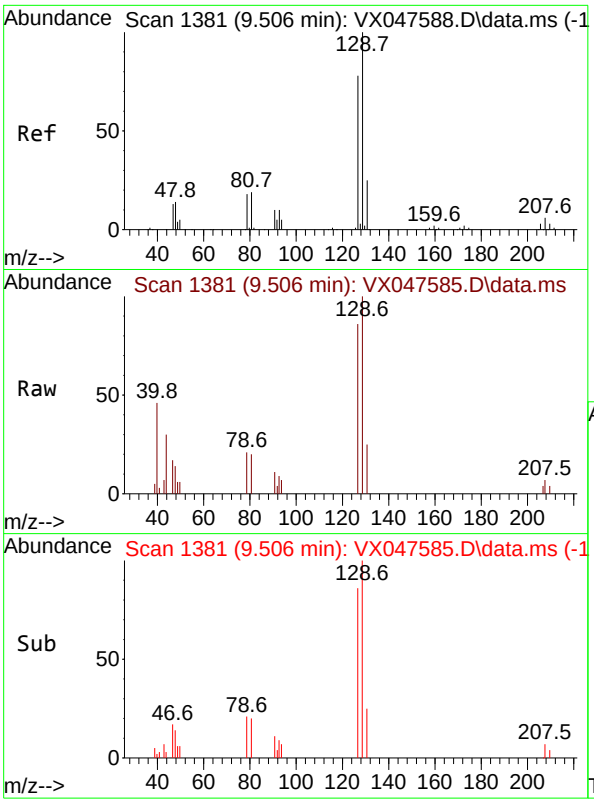


#59
2-Hexanone
Concen: 4.003 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 12385

Ion	Ratio	Lower	Upper
43	100		
58	50.7	26.1	78.2

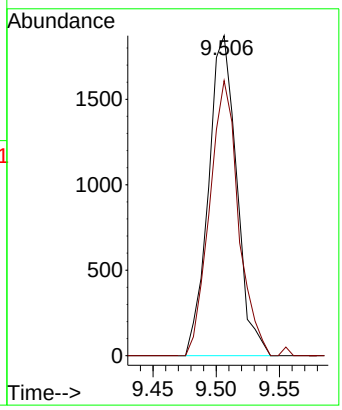




#60
Dibromochloromethane
Concen: 0.789 ug/l
RT: 9.506 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:129 Resp: 290

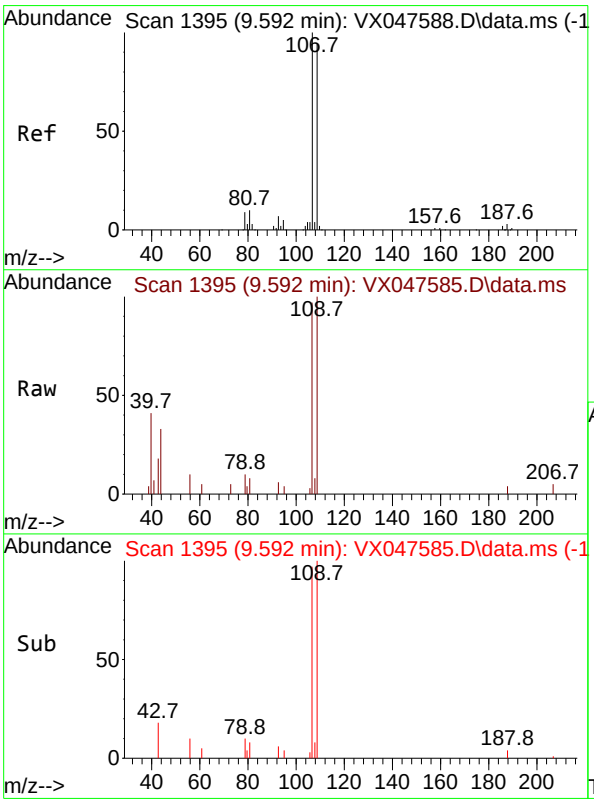
Ion	Ratio	Lower	Upper
129	100		
127	88.2	38.4	115.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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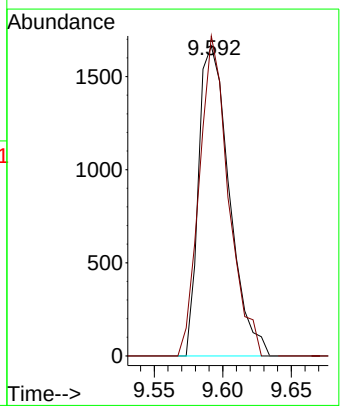
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

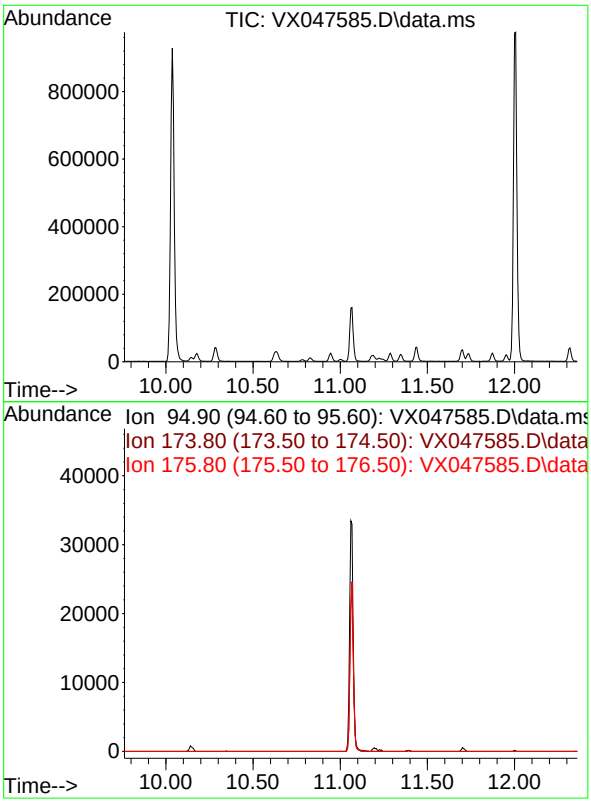


#61
1,2-Dibromoethane
Concen: 0.798 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:107 Resp: 2596

Ion	Ratio	Lower	Upper
107	100		
109	97.7	75.3	112.9





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

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

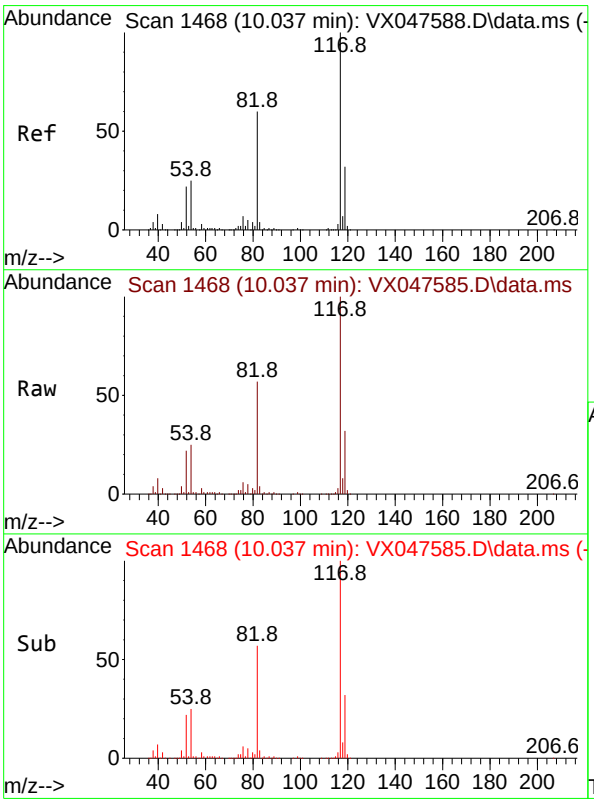
Tgt Ion: 95

Sig	Exp Ratio
95	100
174	70.8
176	69.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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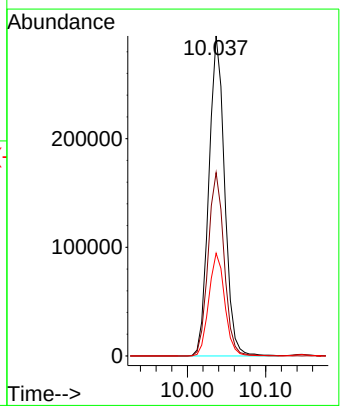
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

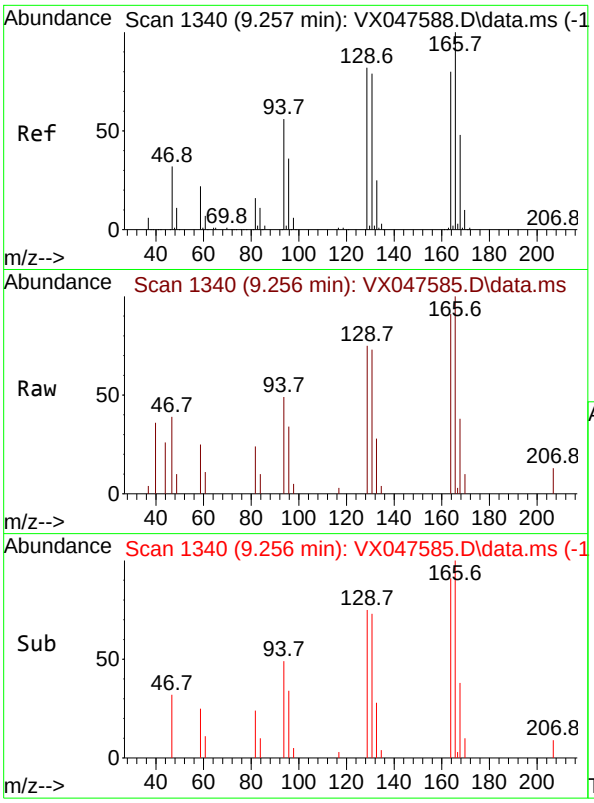


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:117 Resp: 410953

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

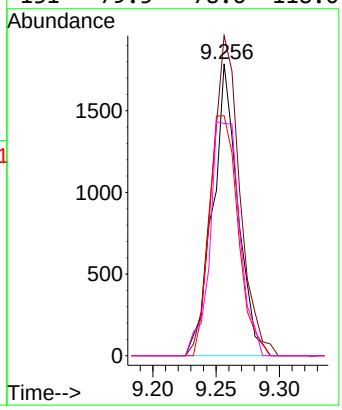




#64
Tetrachloroethene
Concen: 0.917 ug/l
RT: 9.256 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:164 Resp: 245

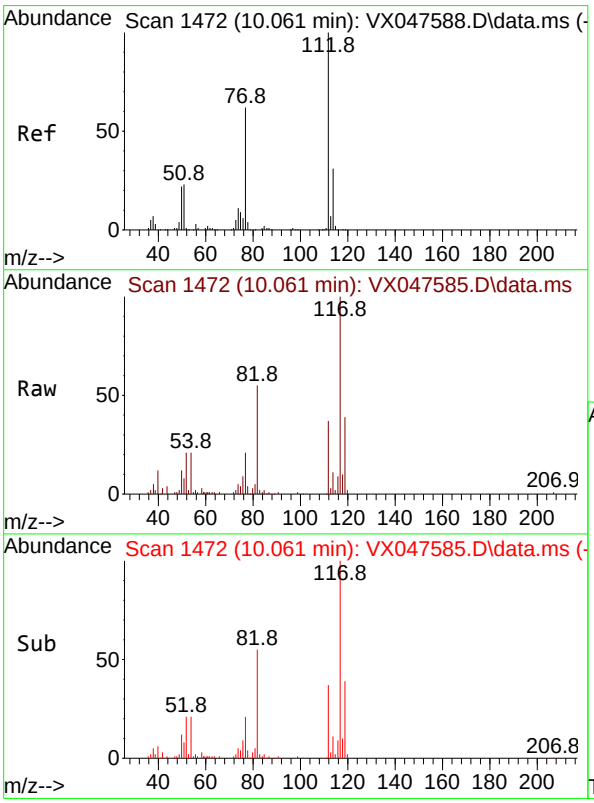
Ion	Ratio	Lower	Upper
164	100		
166	109.6	100.2	150.2
129	82.2	81.8	122.6
131	79.5	78.6	118.0



Instrument :
MSVOA_X
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VSTDICC001

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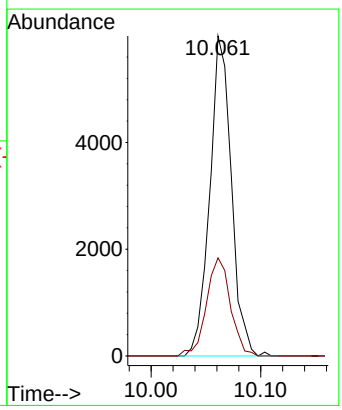
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

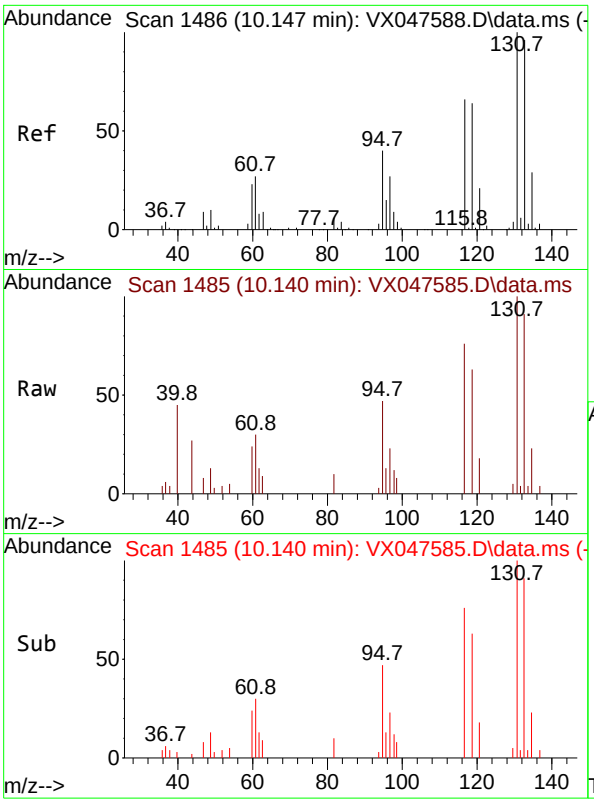


#65
Chlorobenzene
Concen: 0.879 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:112 Resp: 8202

Ion	Ratio	Lower	Upper
112	100		
114	30.7	25.1	37.7





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

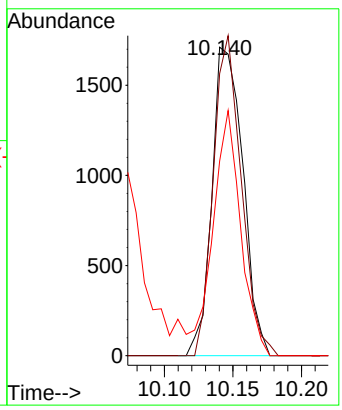
Tgt Ion:131 Resp: 268

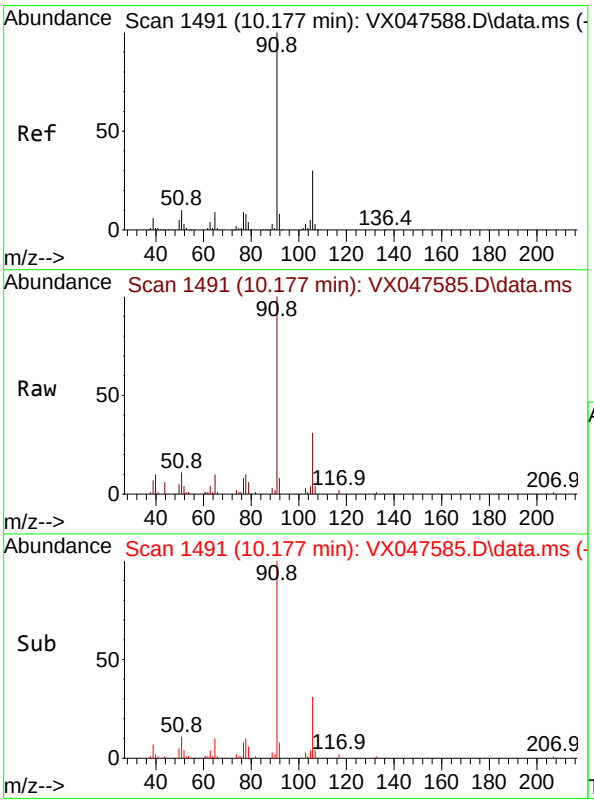
Ion	Ratio	Lower	Upper
131	100		
133	93.9	47.3	142.0
119	0.0	32.0	96.0#

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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

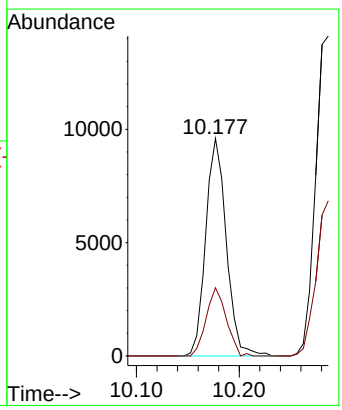


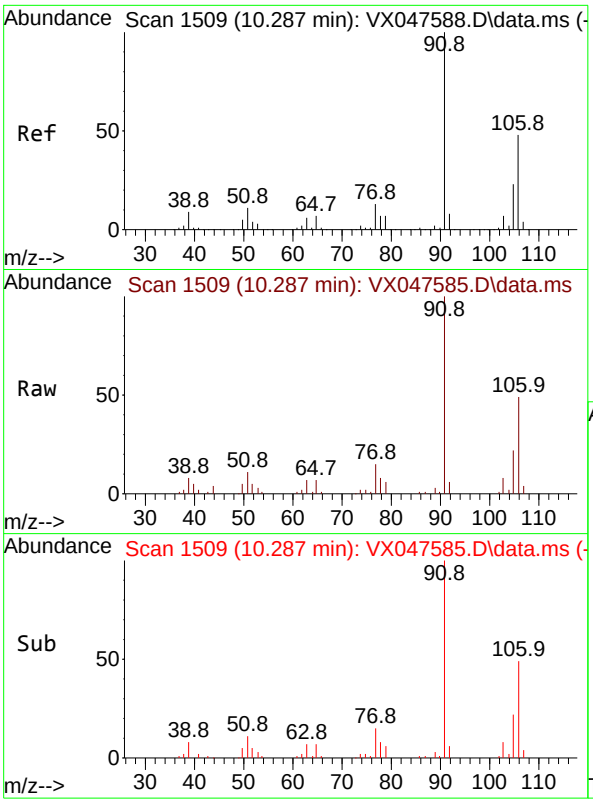


#67
Ethyl Benzene
Concen: 0.829 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 91 Resp: 13360

Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.3	36.5

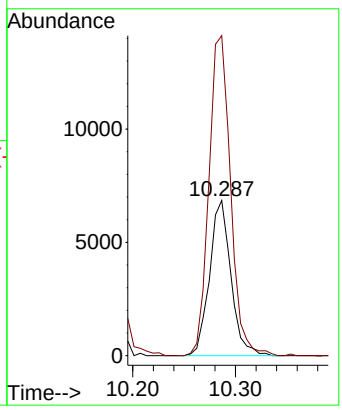




#68
m/p-Xylenes
Concen: 1.655 ug/l
RT: 10.287 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:106 Resp: 992

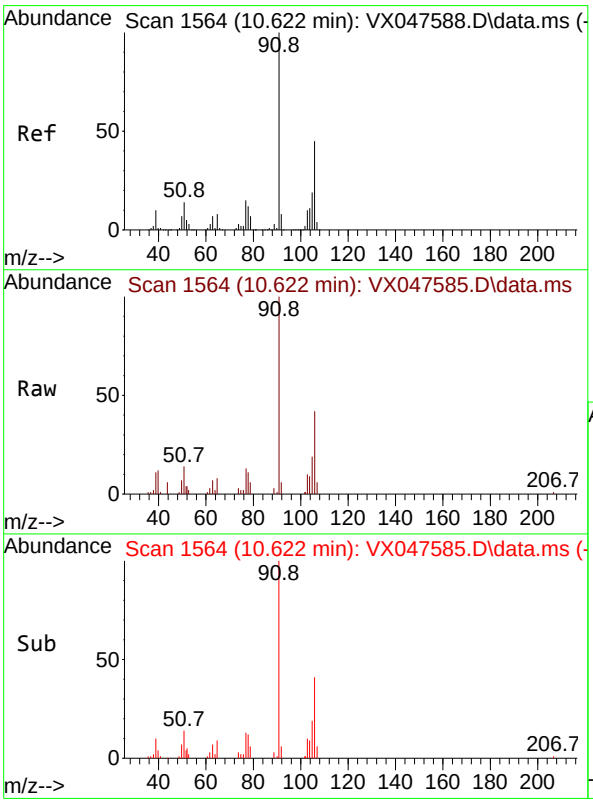
Ion	Ratio	Lower	Upper
106	100		
91	208.5	167.8	251.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

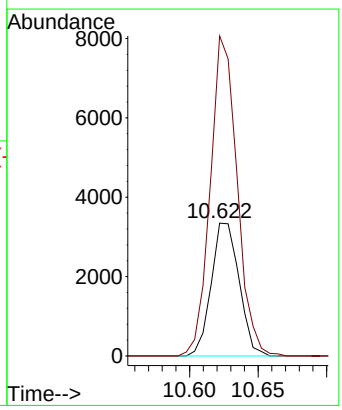
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

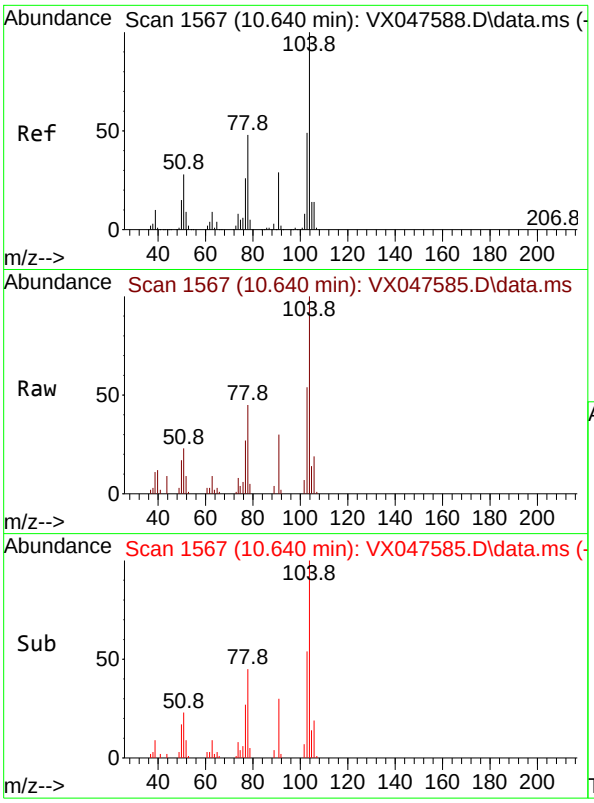


#69
o-Xylene
Concen: 0.816 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:106 Resp: 4734

Ion	Ratio	Lower	Upper
106	100		
91	232.4	111.1	333.4

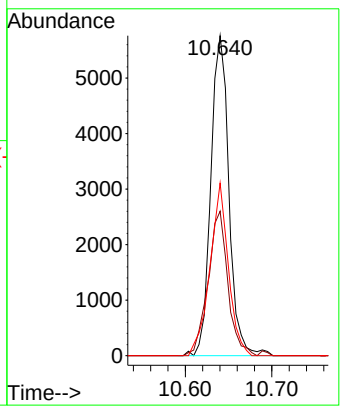




#70
Styrene
Concen: 0.824 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:104 Resp: 837

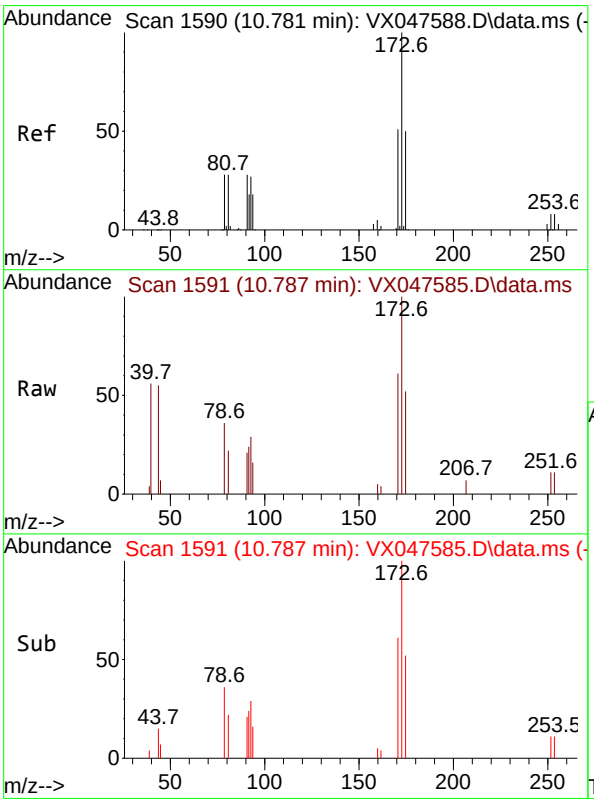
Ion	Ratio	Lower	Upper
104	100		
78	49.5	43.1	64.7
103	55.0	43.1	64.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

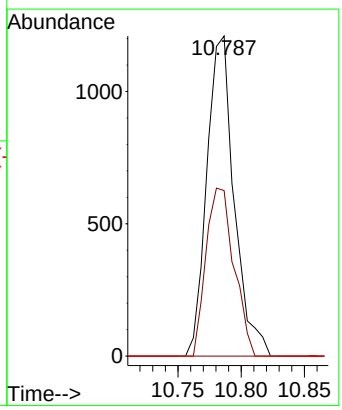
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

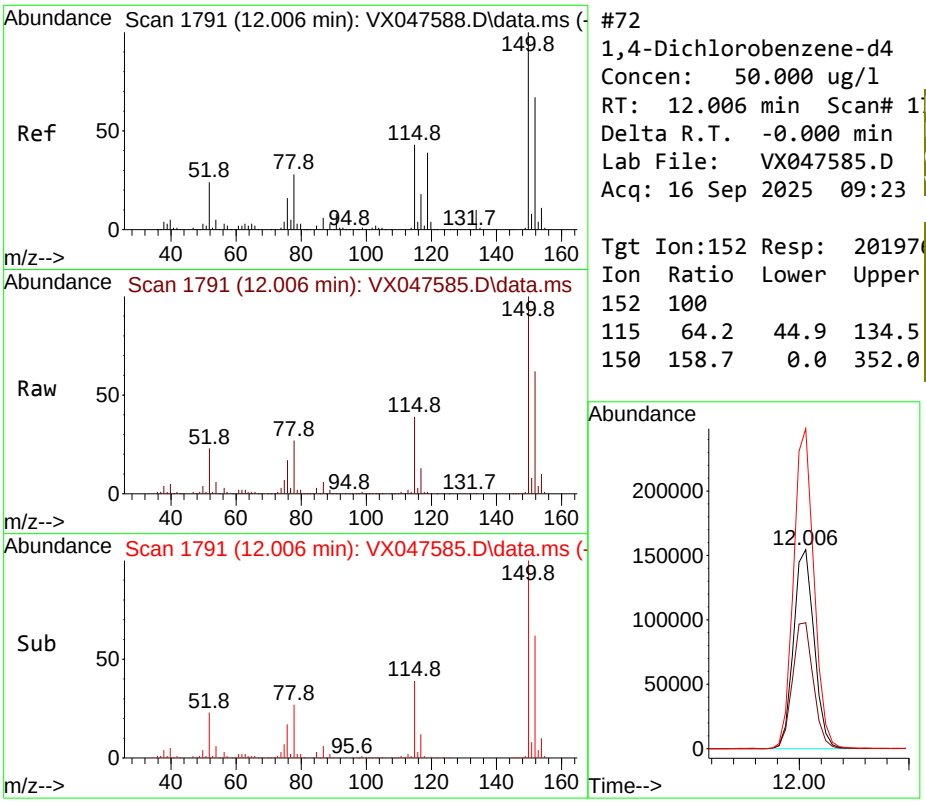


#71
Bromoform
Concen: 0.755 ug/l
RT: 10.787 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:173 Resp: 1816

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





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

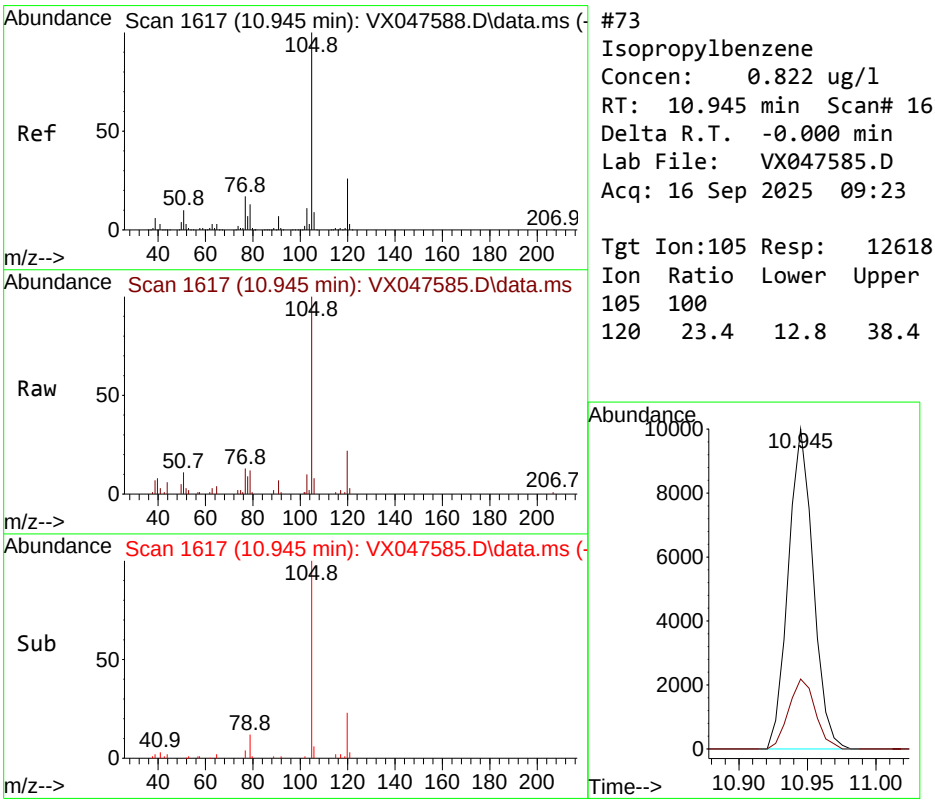
Tgt Ion:152 Resp: 20197

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

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

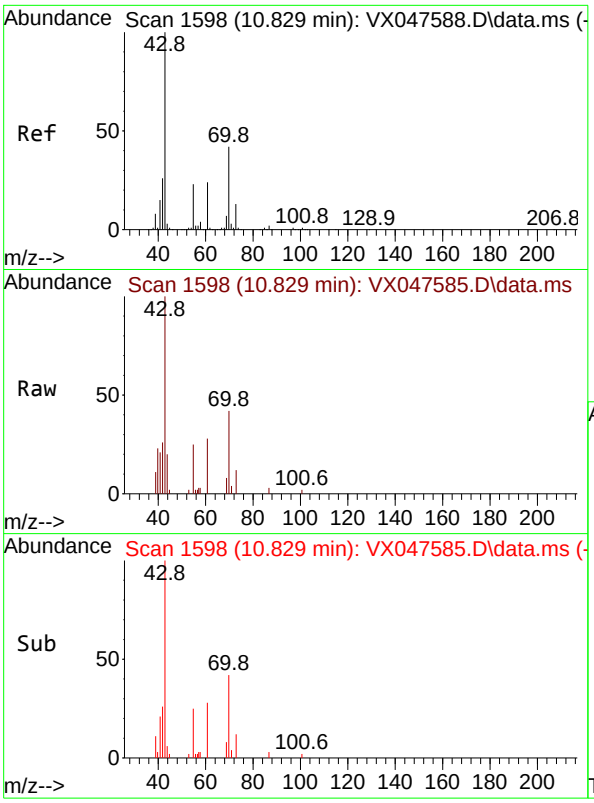
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



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

Tgt Ion:105 Resp: 12618

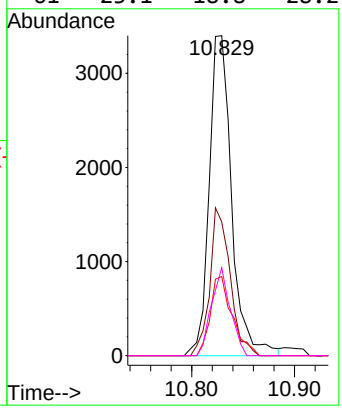
Ion	Ratio	Lower	Upper
105	100		
120	23.4	12.8	38.4



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

Tgt Ion: 43 Resp: 515

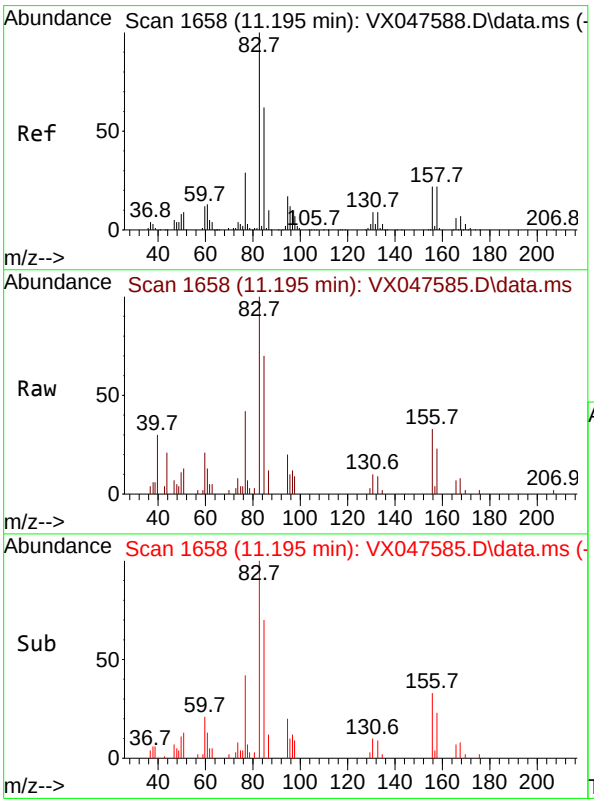
Ion	Ratio	Lower	Upper
43	100		
70	41.7	32.0	48.0
55	24.3	18.9	28.3
61	23.1	18.8	28.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

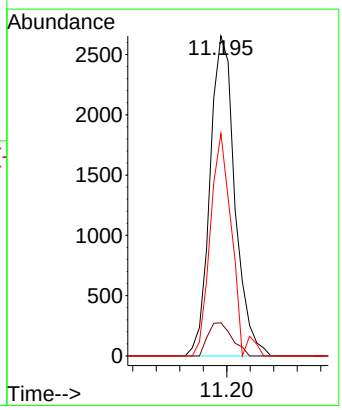
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

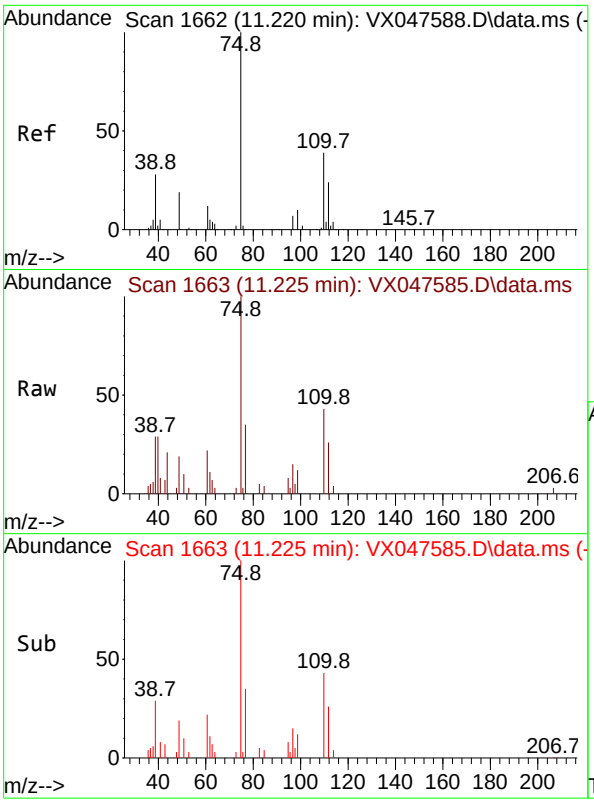


#75
1,1,2,2-Tetrachloroethane
Concen: 0.839 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 83 Resp: 3900

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





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

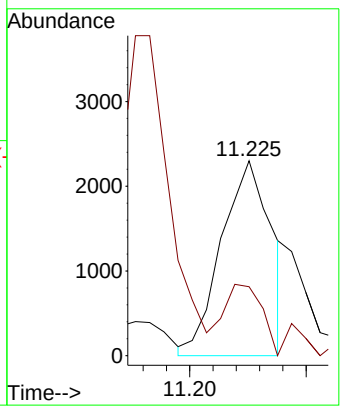
Tgt Ion: 75 Resp: 342

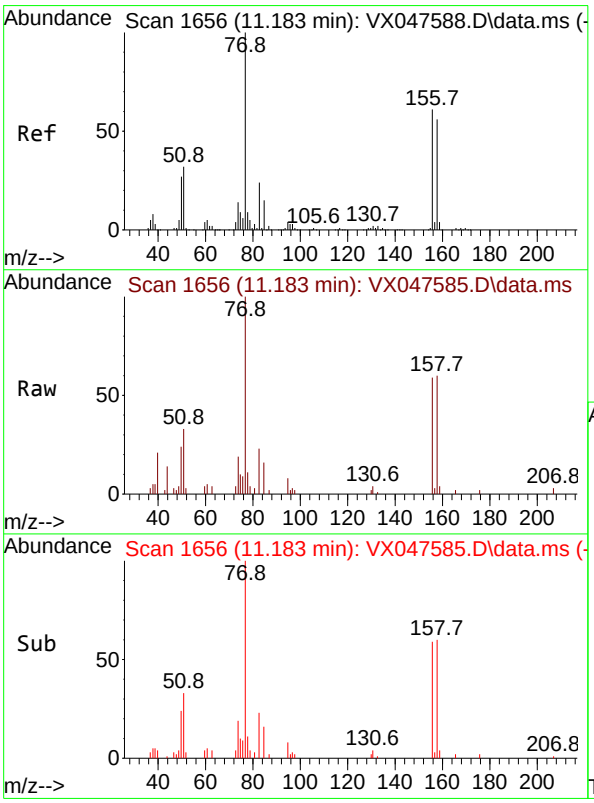
Ion	Ratio	Lower	Upper
75	100		
77	34.6	18.8	56.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

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

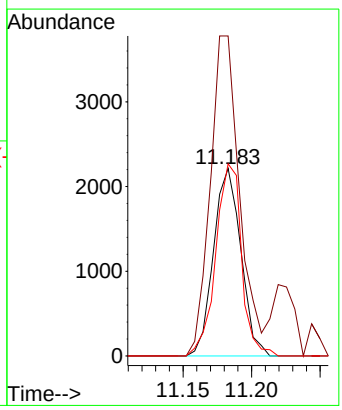


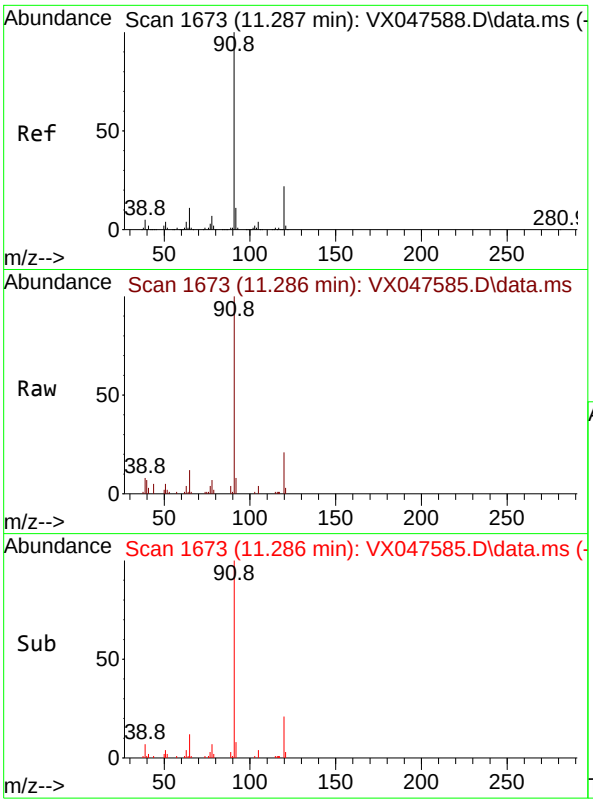


#77
Bromobenzene
Concen: 0.811 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:156 Resp: 3069

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

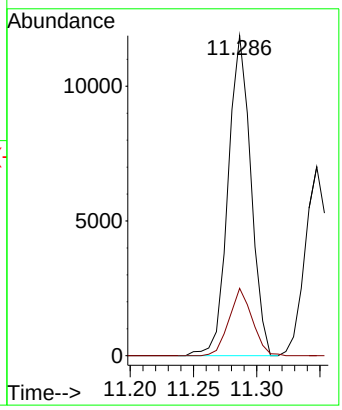




#78
n-propylbenzene
Concen: 0.819 ug/l
RT: 11.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 91 Resp: 1486

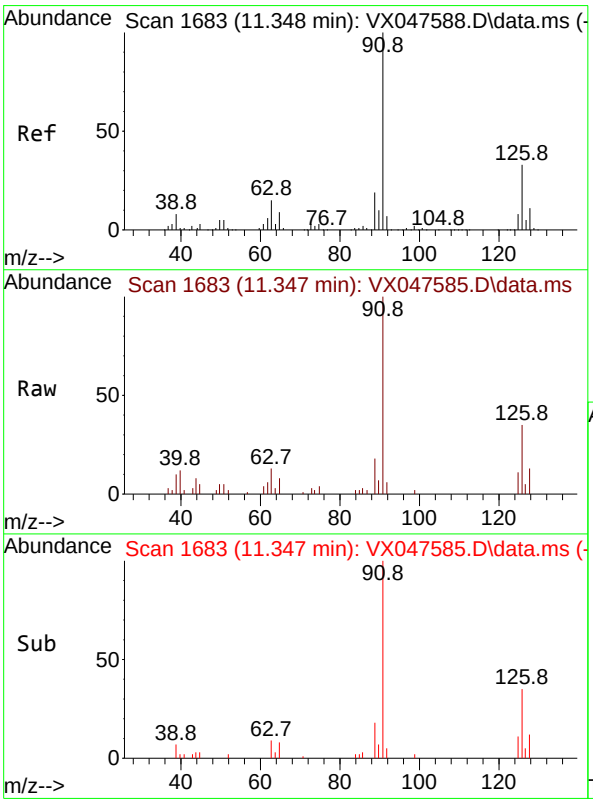
Ion	Ratio	Lower	Upper
91	100		
120	21.4	11.1	33.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

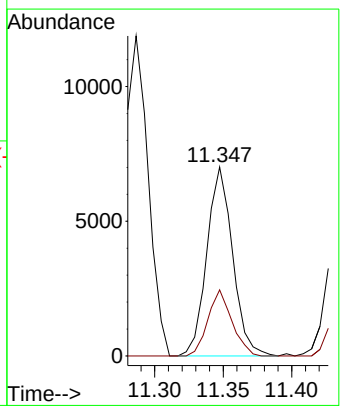
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

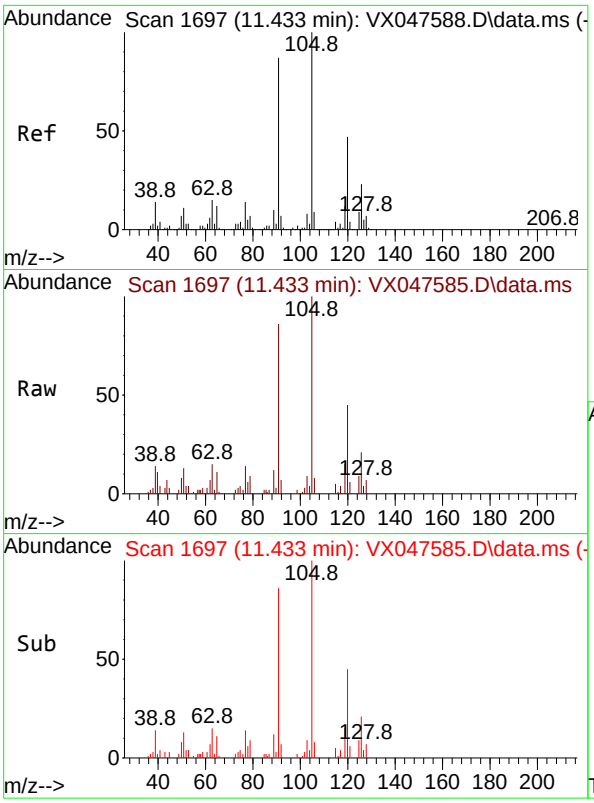


#79
2-Chlorotoluene
Concen: 0.827 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 91 Resp: 9195

Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.1	48.3

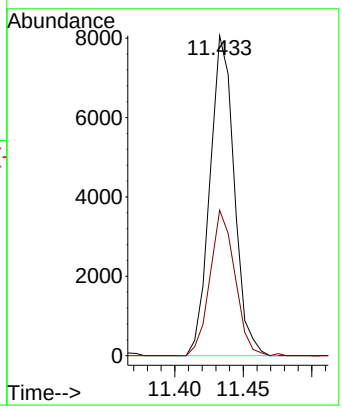




#80
1,3,5-Trimethylbenzene
Concen: 0.787 ug/l
RT: 11.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:105 Resp: 992

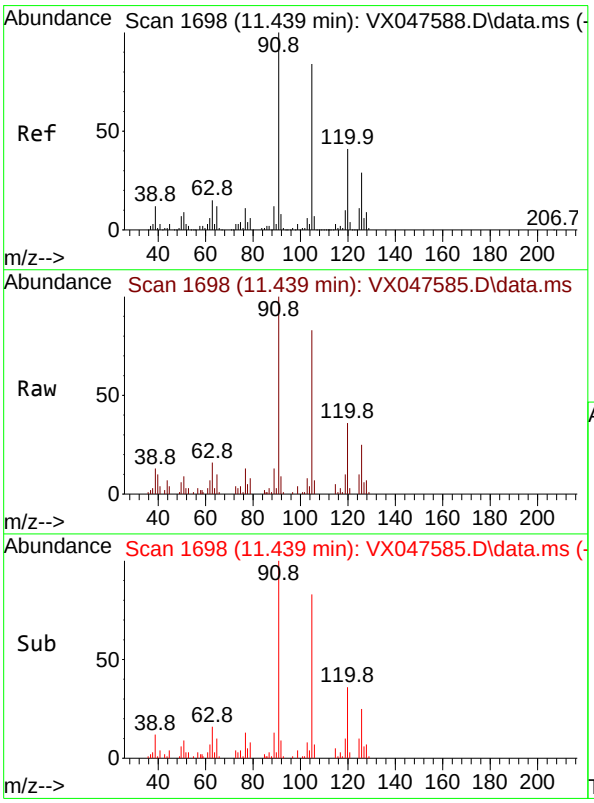
Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.6	70.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

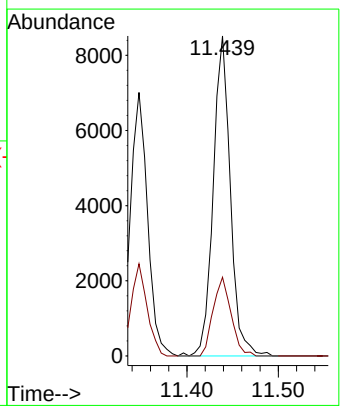
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

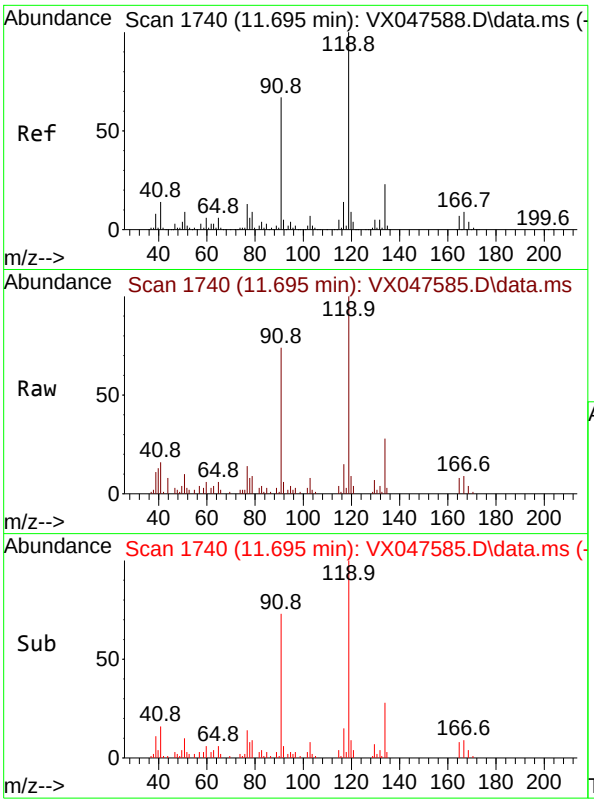


#82
4-Chlorotoluene
Concen: 0.847 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 91 Resp: 11123

Ion	Ratio	Lower	Upper
91	100		
126	25.8	14.2	42.6

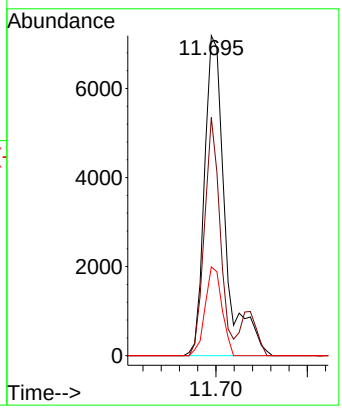




#83
tert-Butylbenzene
Concen: 0.876 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:119 Resp: 1131

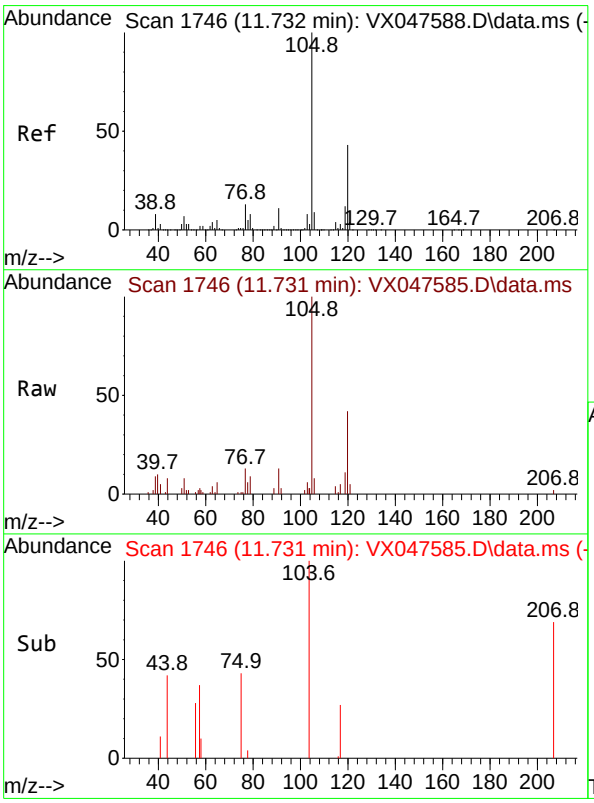
Ion	Ratio	Lower	Upper
119	100		
91	56.1	29.6	88.8
134	22.5	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

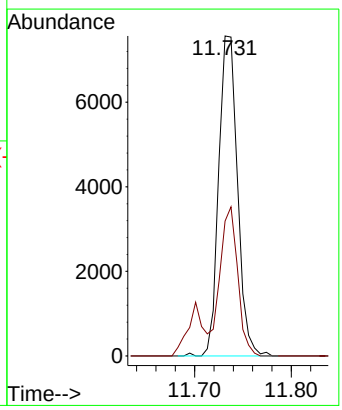
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

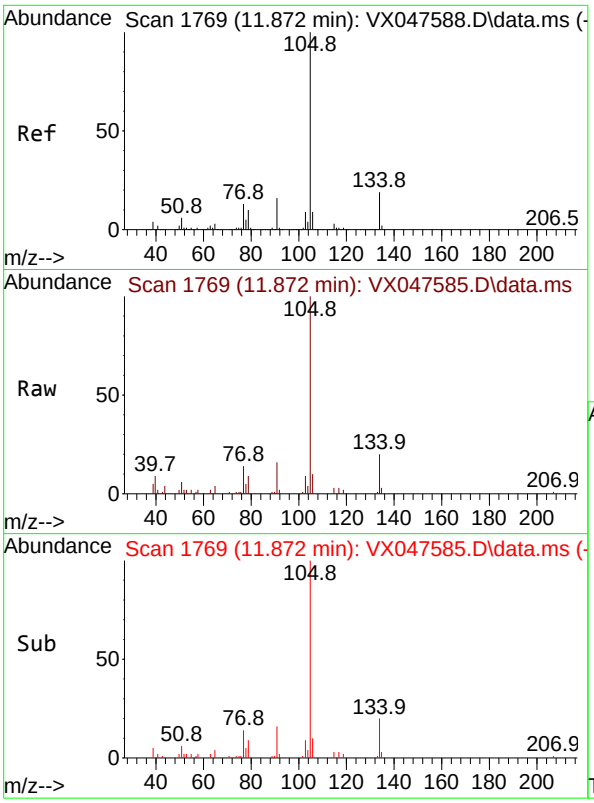


#84
1,2,4-Trimethylbenzene
Concen: 0.796 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:105 Resp: 10187

Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.1	66.1

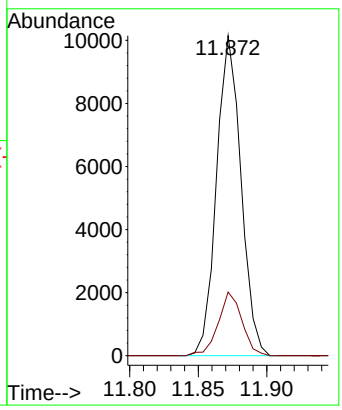




#85
sec-Butylbenzene
Concen: 0.819 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:105 Resp: 1256

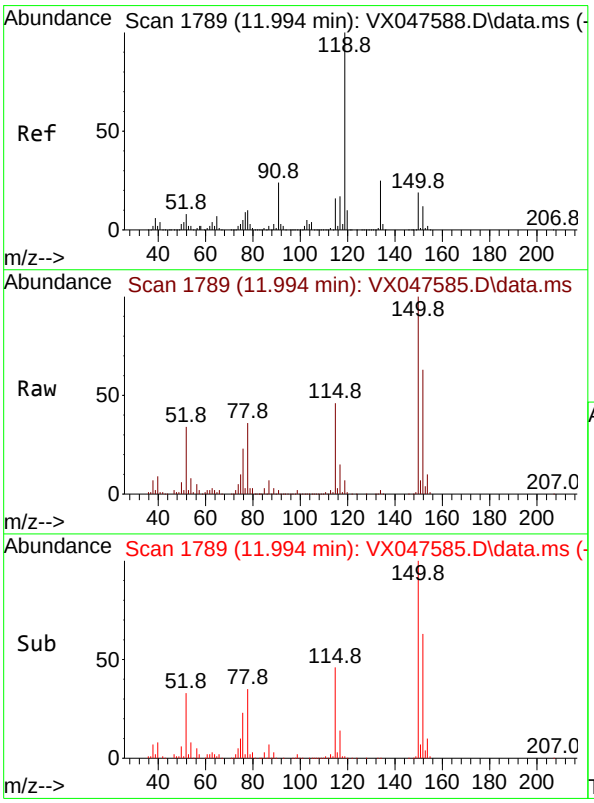
Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

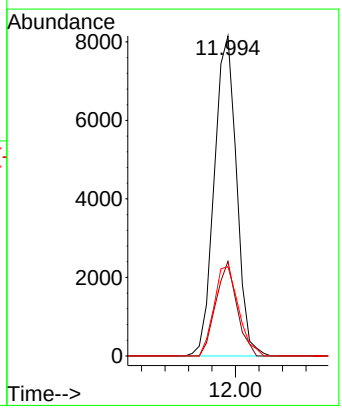
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

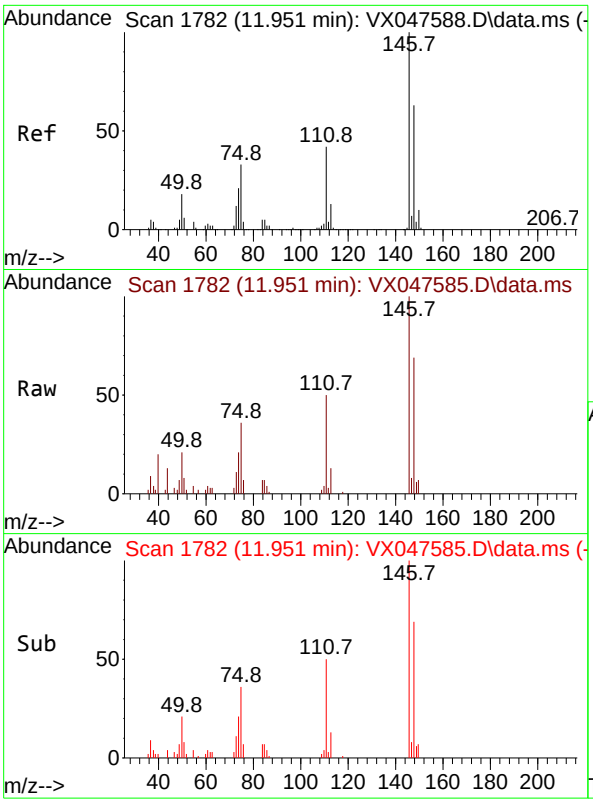


#86
p-Isopropyltoluene
Concen: 0.827 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:119 Resp: 10744

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

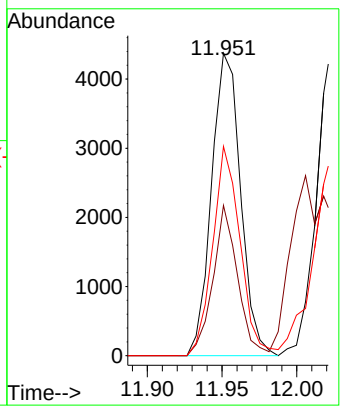




#87
1,3-Dichlorobenzene
Concen: 0.841 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:146 Resp: 590

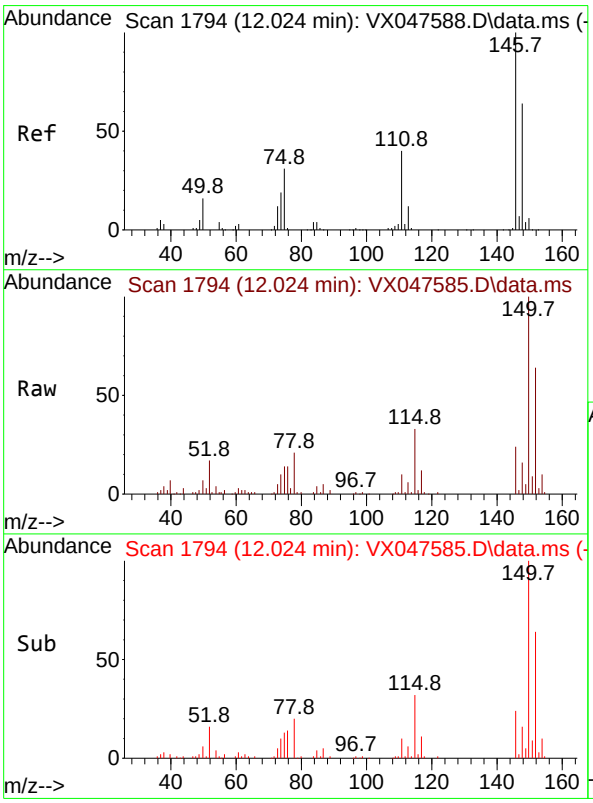
Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.5	64.5
148	65.5	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

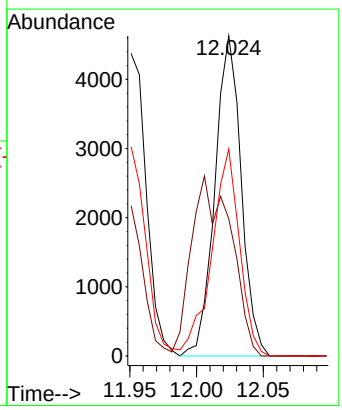
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

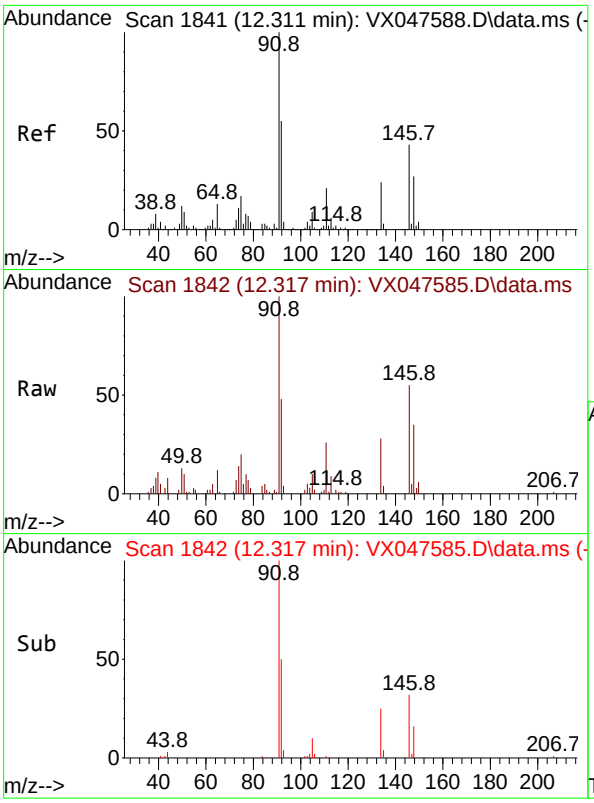


#88
1,4-Dichlorobenzene
Concen: 0.880 ug/l m
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:146 Resp: 6341

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

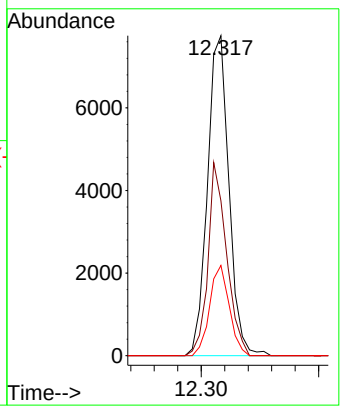




#89
n-Butylbenzene
Concen: 0.816 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 91 Resp: 981

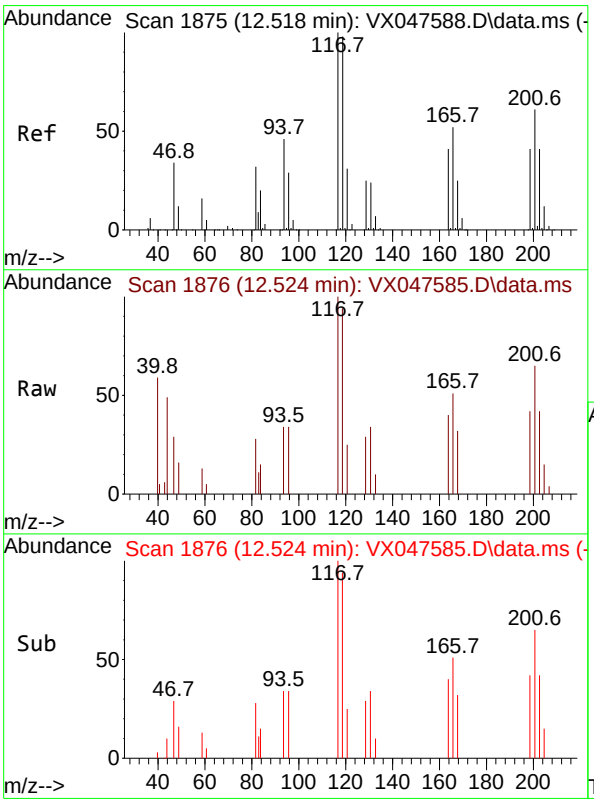
Ion	Ratio	Lower	Upper
91	100		
92	52.4	27.6	82.7
134	25.9	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

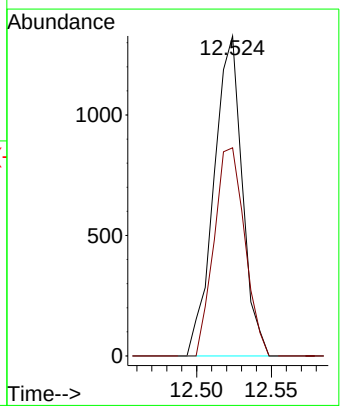
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

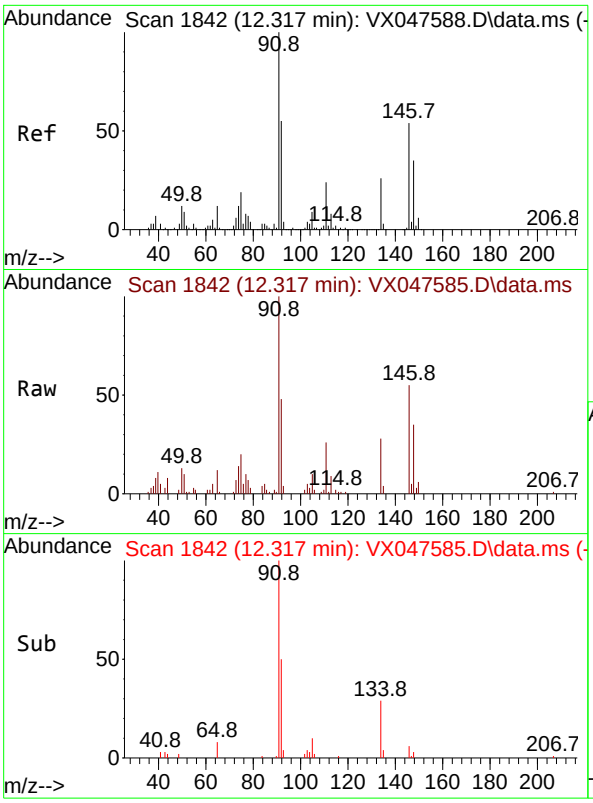


#90
Hexachloroethane
Concen: 0.768 ug/l
RT: 12.524 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:117 Resp: 1752

Ion	Ratio	Lower	Upper
117	100		
201	70.4	34.2	102.5

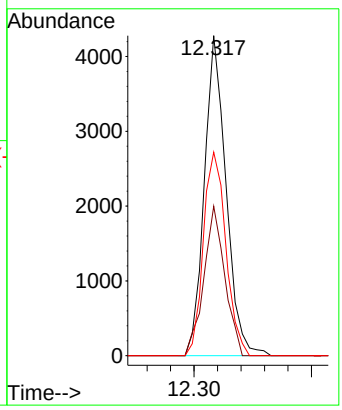




#91
1,2-Dichlorobenzene
Concen: 0.820 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:146 Resp: 549

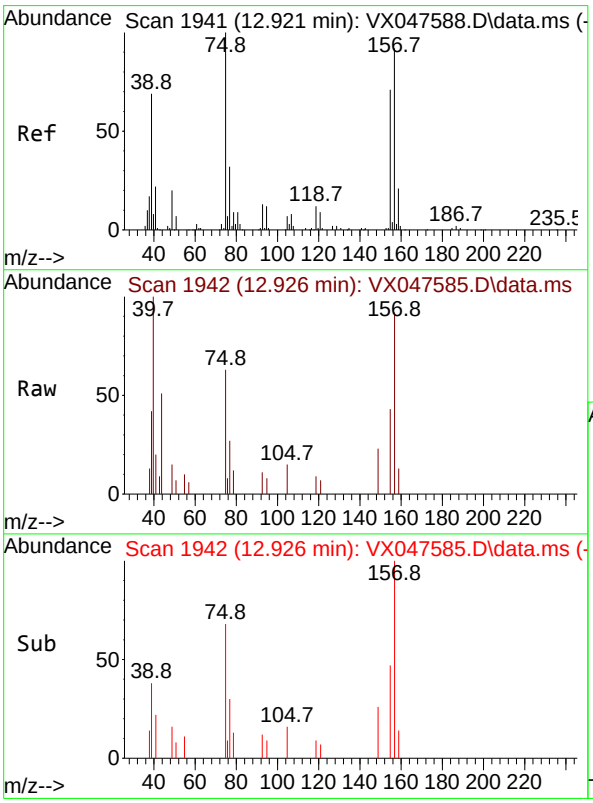
Ion	Ratio	Lower	Upper
146	100		
111	45.2	22.2	66.6
148	65.8	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

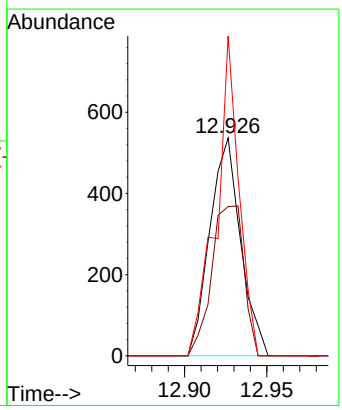
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

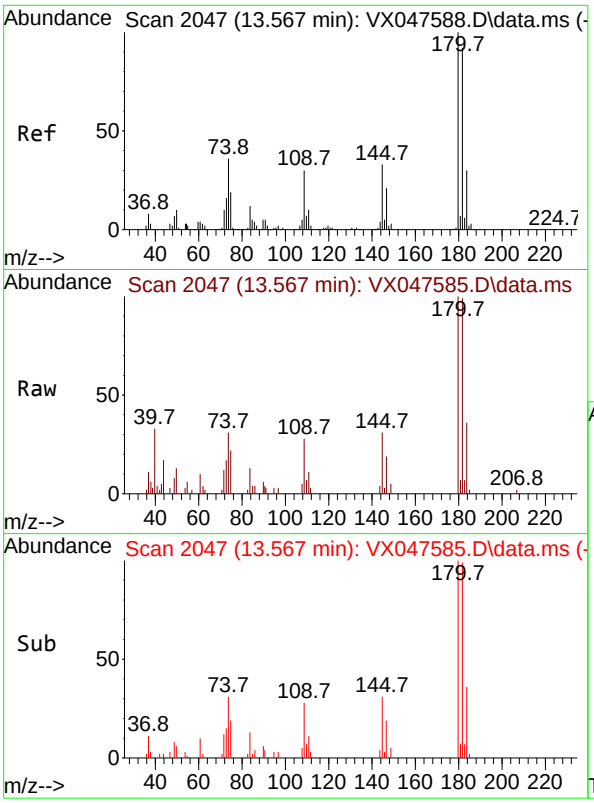


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.742 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 75 Resp: 698

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

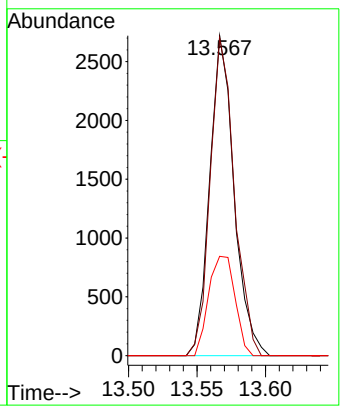




#93
1,2,4-Trichlorobenzene
Concen: 0.772 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:180 Resp: 335

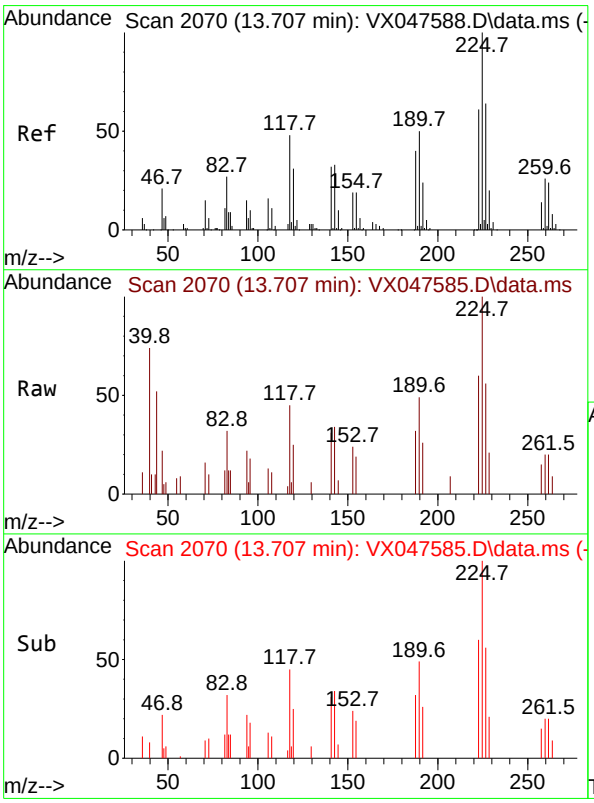
Ion	Ratio	Lower	Upper
180	100		
182	98.6	46.6	139.8
145	33.7	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

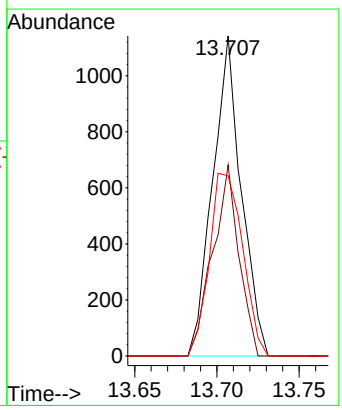
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

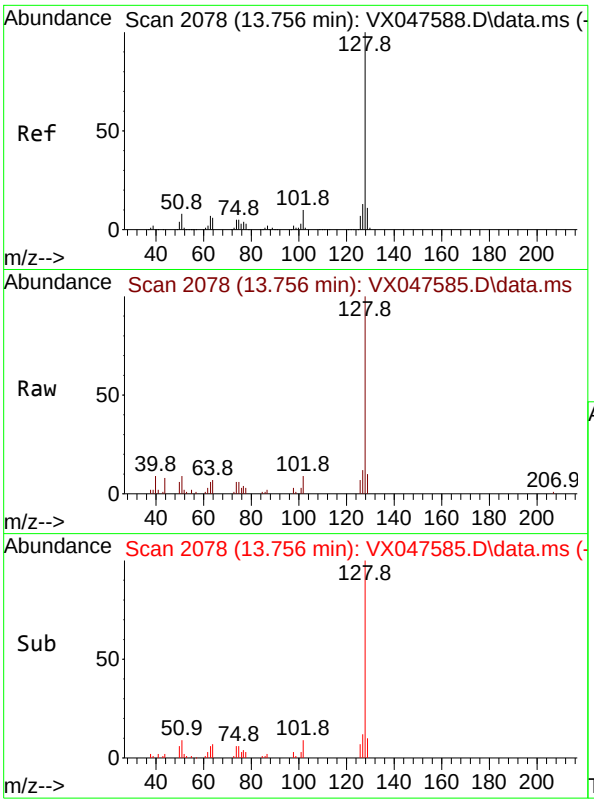


#94
Hexachlorobutadiene
Concen: 0.933 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:225 Resp: 1378

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

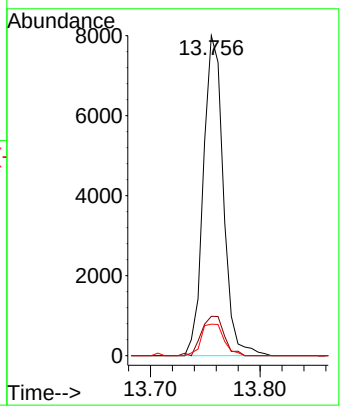




#95
Naphthalene
Concen: 0.763 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:128 Resp: 1011

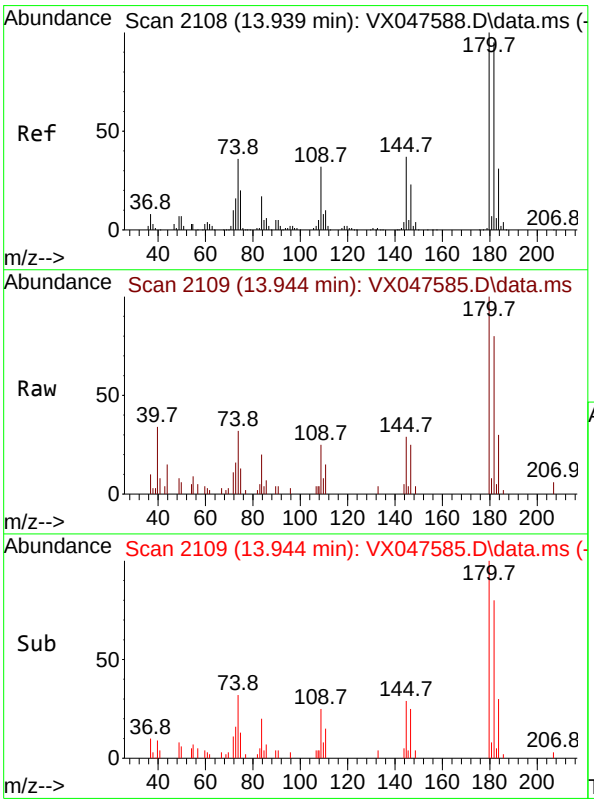
Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.2	15.2
129	11.2	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

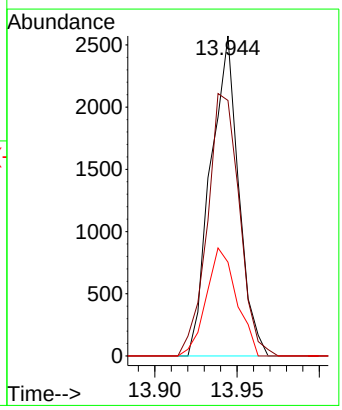
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



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

Tgt Ion:180 Resp: 3043

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



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

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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

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

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

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

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

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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

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

ICAL Form

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

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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

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

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

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

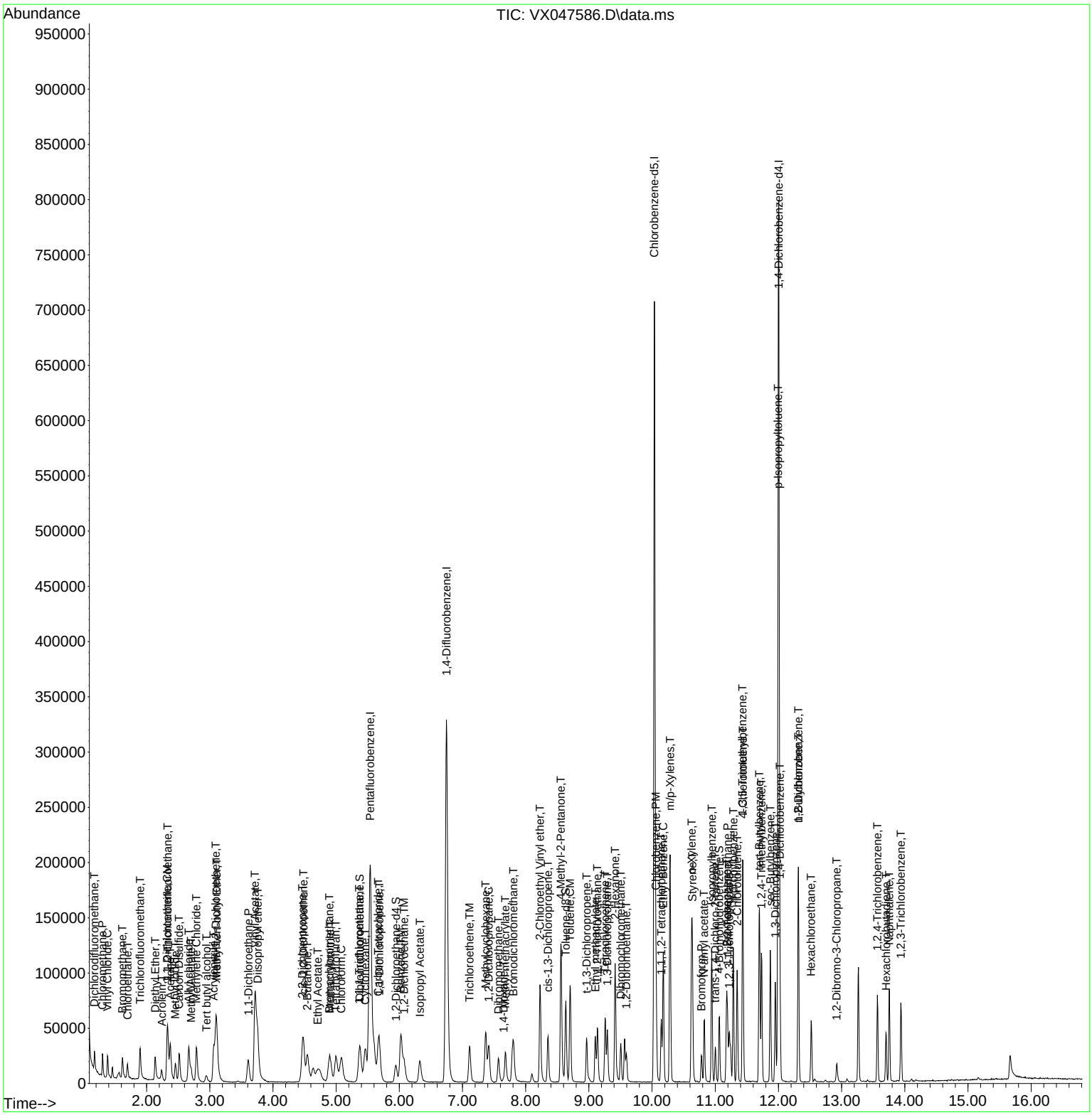
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

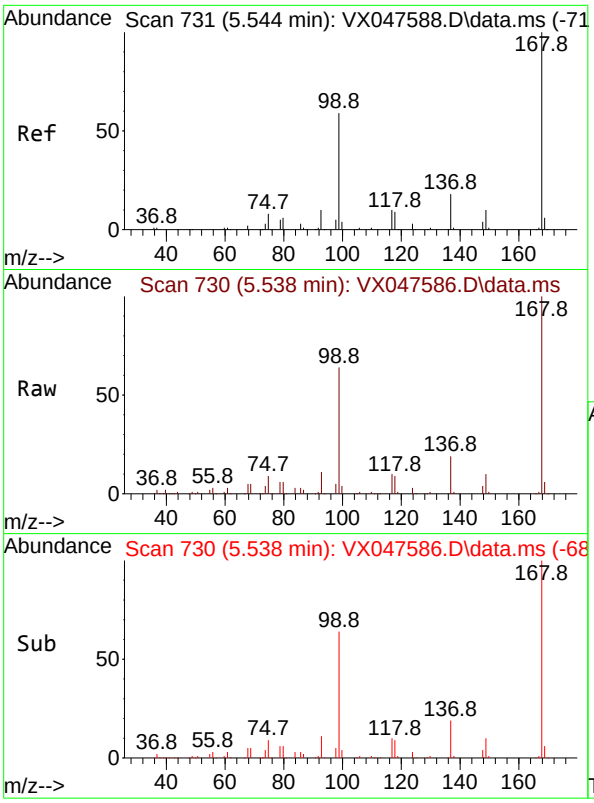
Quant Time: Sep 17 06:10:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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

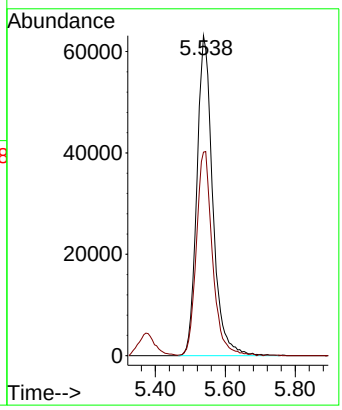




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:168 Resp: 19837

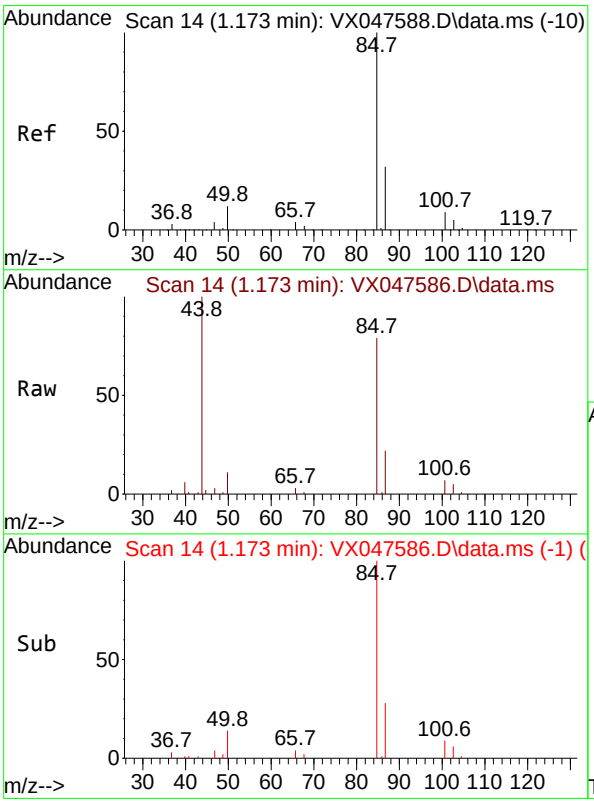
Ion	Ratio	Lower	Upper
168	100		
99	63.5	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

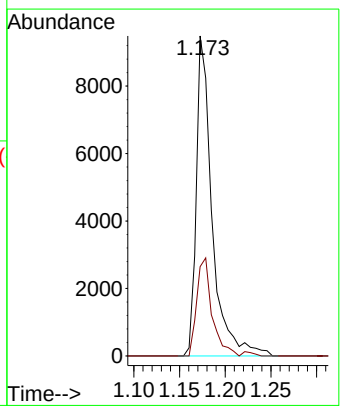
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

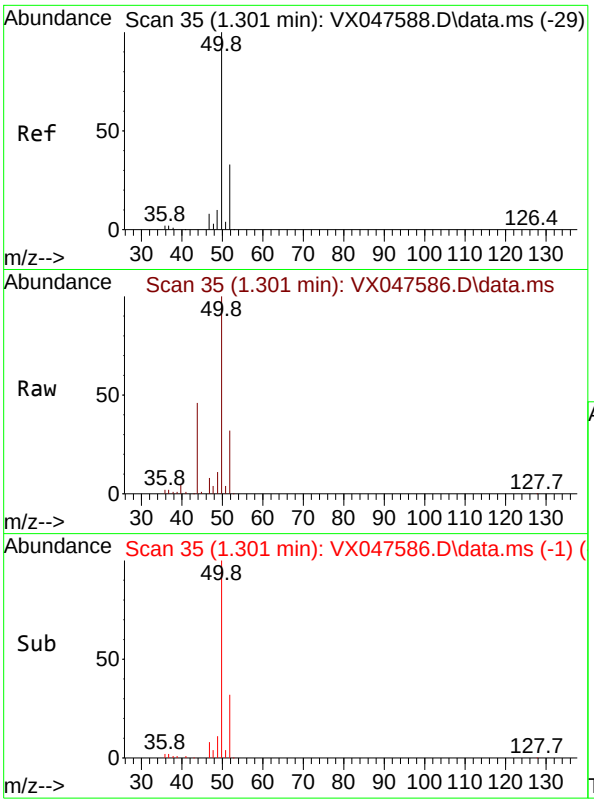


#2
Dichlorodifluoromethane
Concen: 5.551 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 85 Resp: 11403

Ion	Ratio	Lower	Upper
85	100		
87	27.9	15.8	47.3

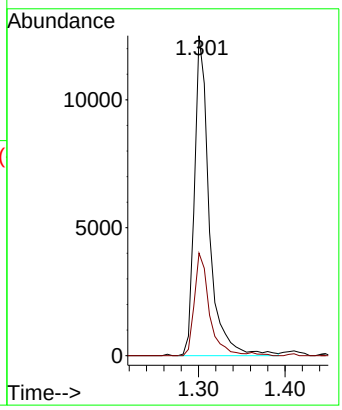




#3
Chloromethane
Concen: 5.502 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 50 Resp: 1485

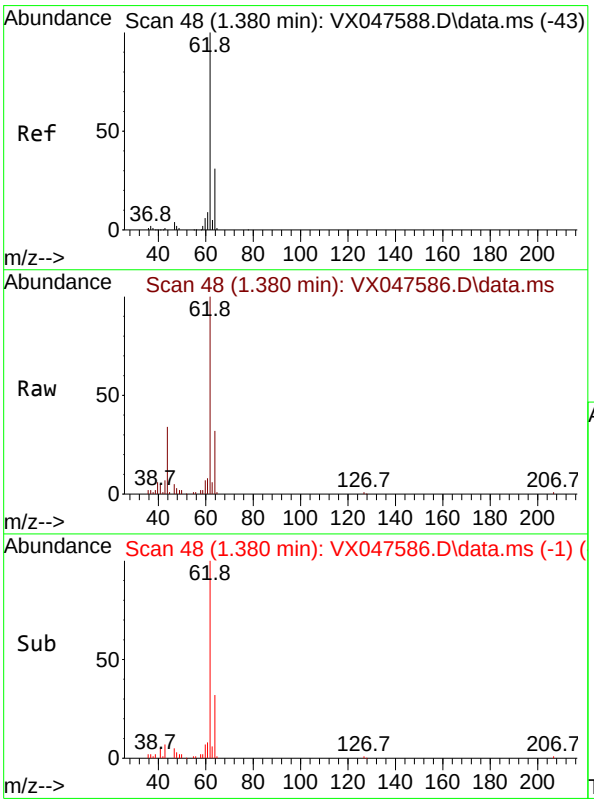
Ion	Ratio	Lower	Upper
50	100		
52	32.0	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

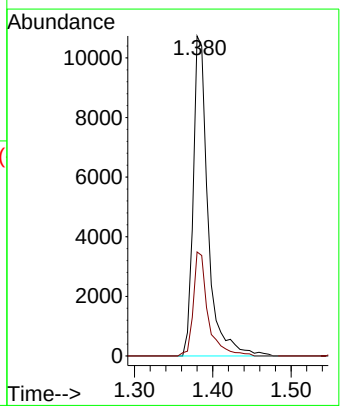
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

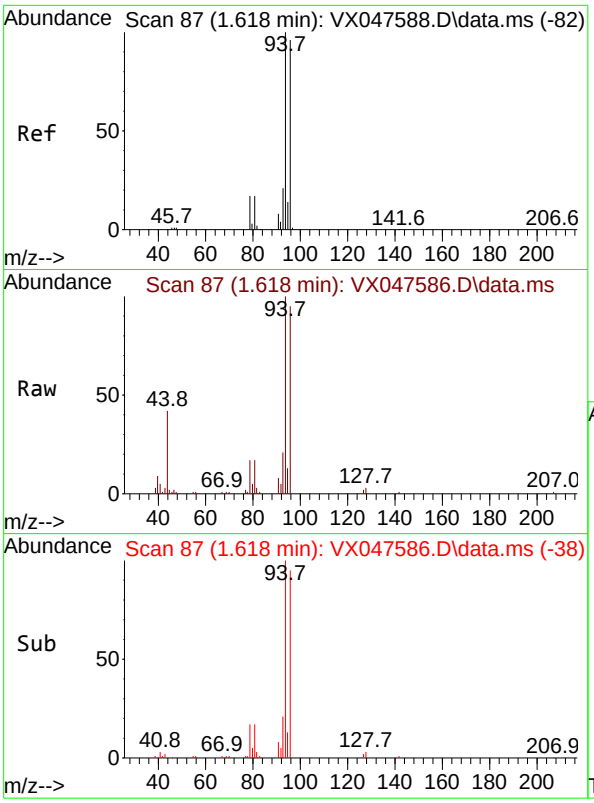


#4
Vinyl Chloride
Concen: 5.353 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 62 Resp: 14147

Ion	Ratio	Lower	Upper
62	100		
64	32.5	24.9	37.3

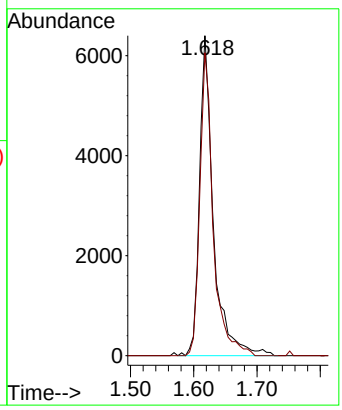




#5
Bromomethane
Concen: 5.836 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 94 Resp: 978

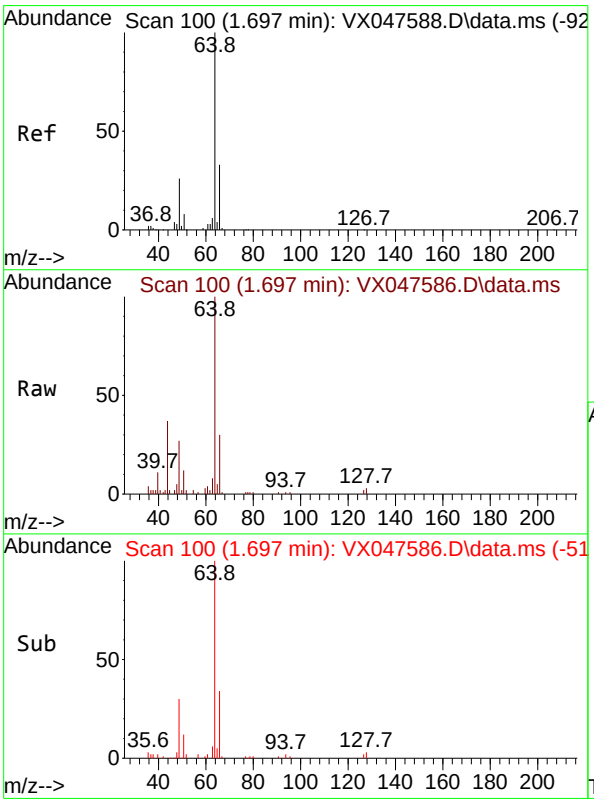
Ion	Ratio	Lower	Upper
94	100		
96	83.6	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

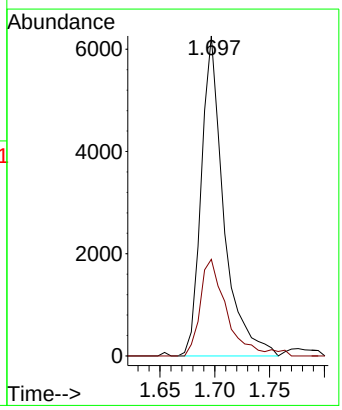
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

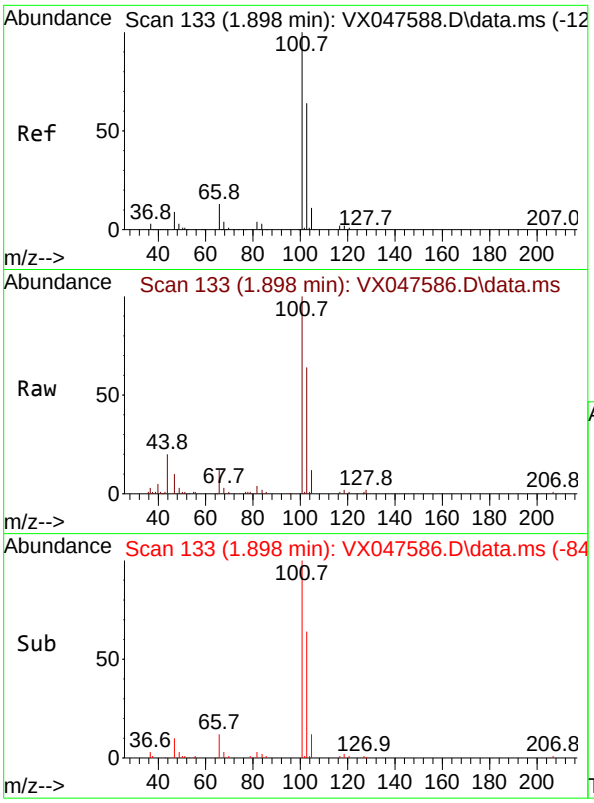


#6
Chloroethane
Concen: 5.053 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 64 Resp: 8926

Ion	Ratio	Lower	Upper
64	100		
66	30.2	26.1	39.1

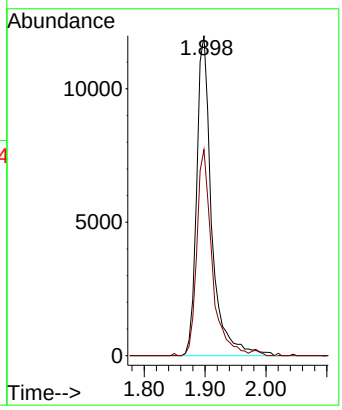




#7
Trichlorofluoromethane
Concen: 5.223 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:101 Resp: 2049

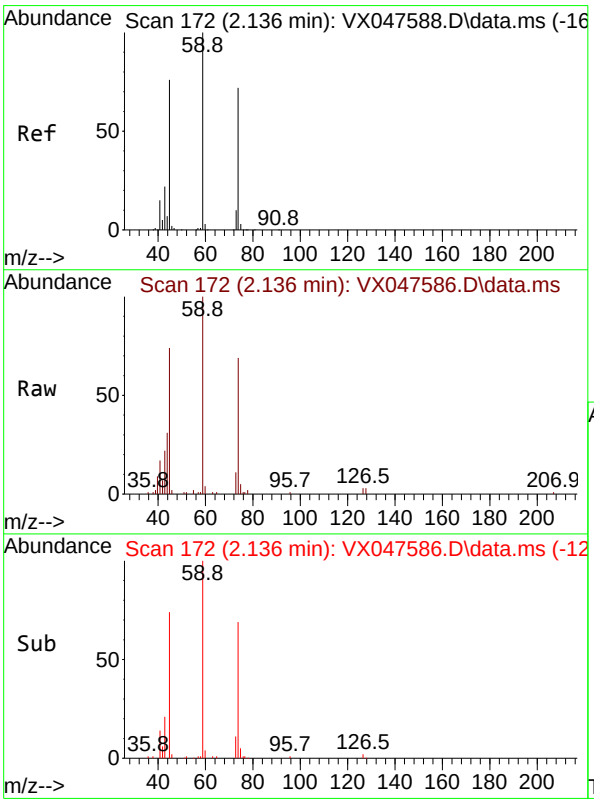
Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

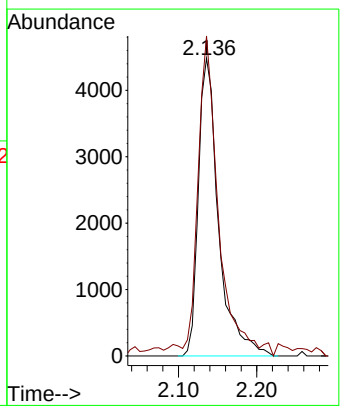
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

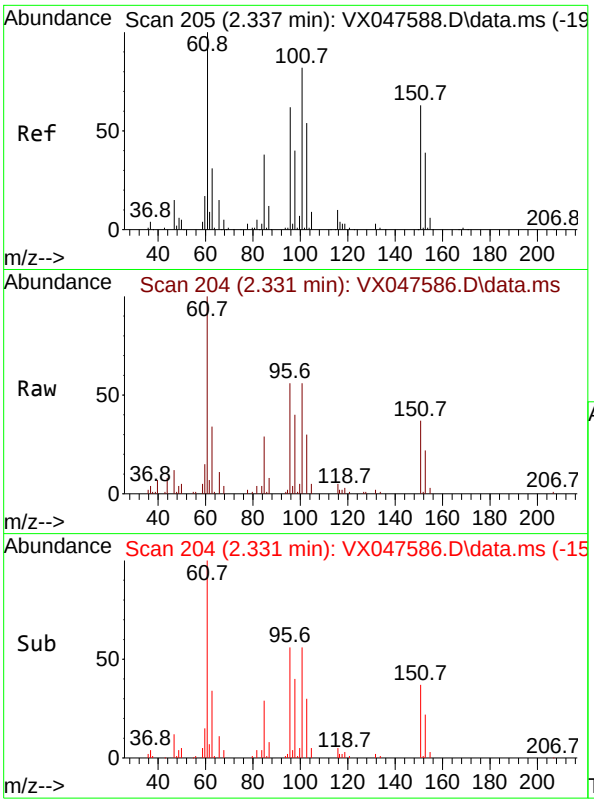


#8
Diethyl Ether
Concen: 5.008 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 74 Resp: 8039

Ion	Ratio	Lower	Upper
74	100		
45	111.7	52.3	156.8

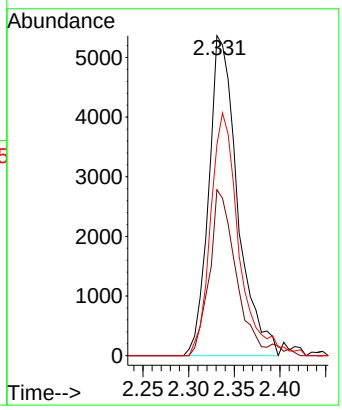




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.112 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:101 Resp: 1172

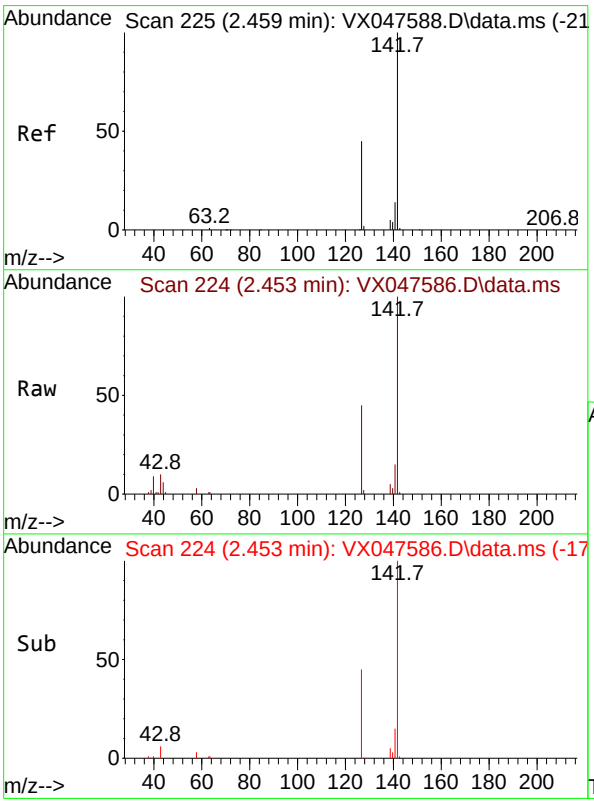
Ion	Ratio	Lower	Upper
101	100		
85	47.5	35.5	53.3
151	75.0	59.4	89.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

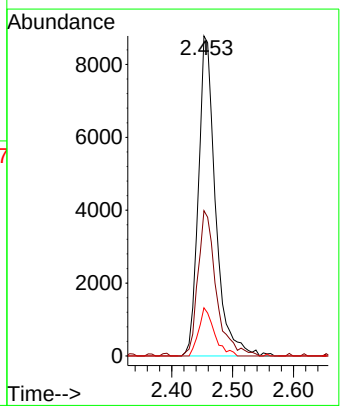
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

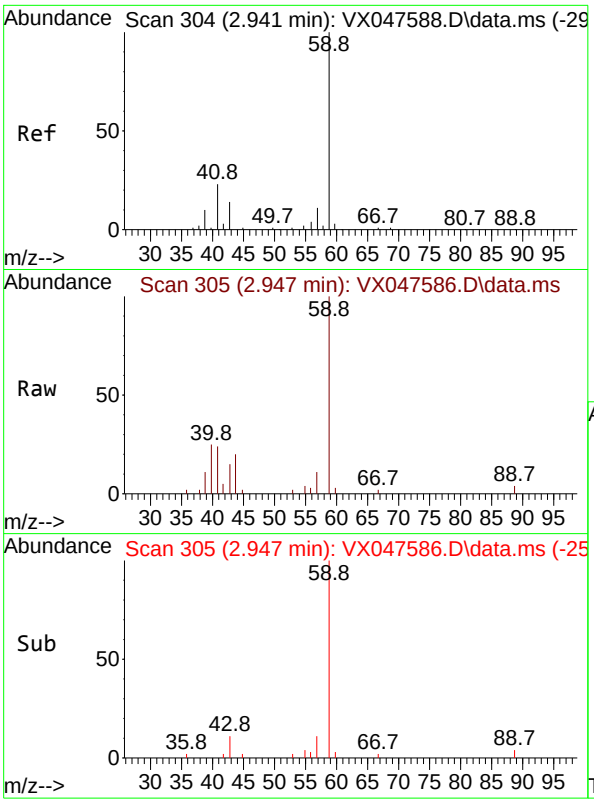


#10
Methyl Iodide
Concen: 4.795 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:142 Resp: 17159

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

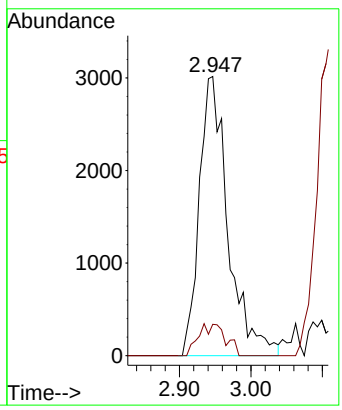




#11
Tert butyl alcohol
Concen: 23.883 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 59 Resp: 839

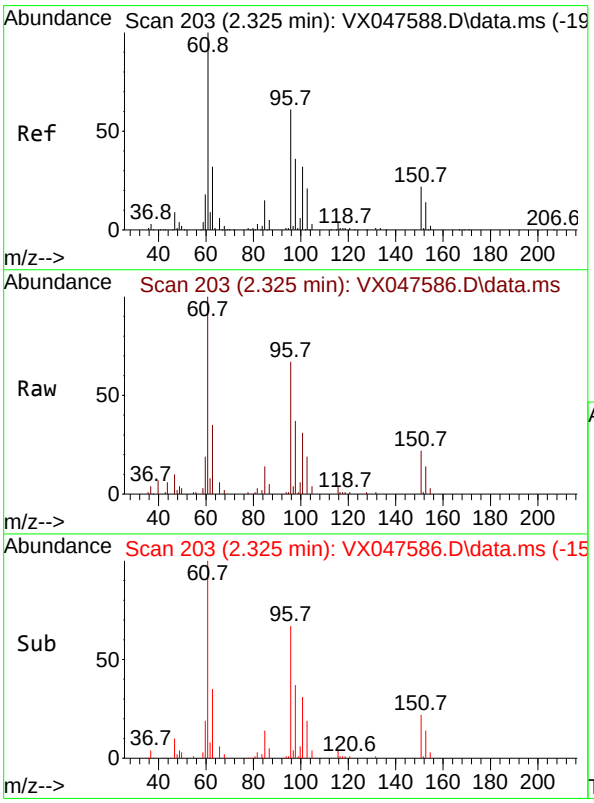
Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

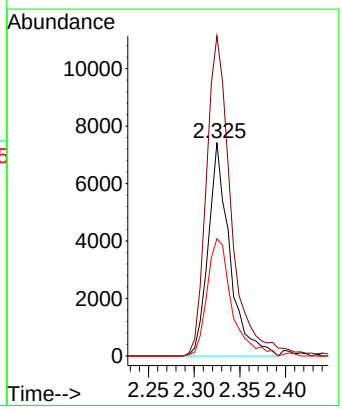
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

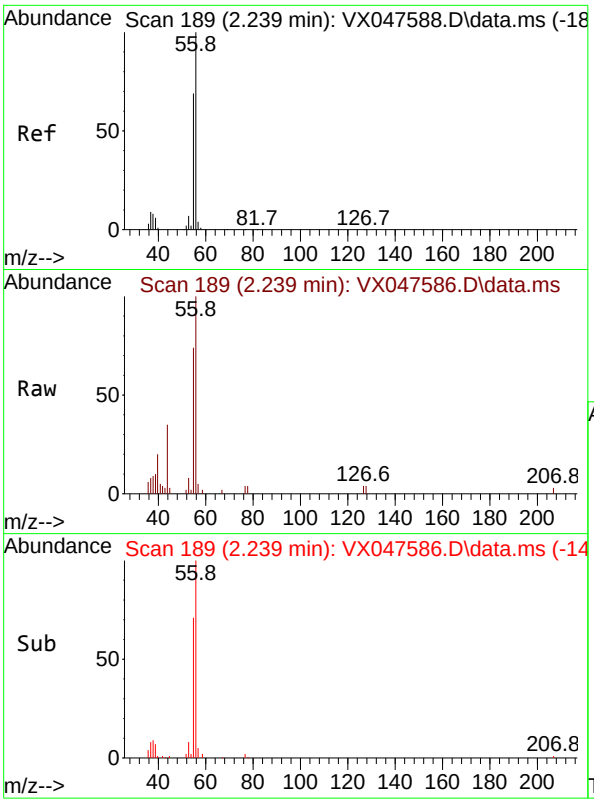


#12
1,1-Dichloroethene
Concen: 5.147 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 96 Resp: 12131

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

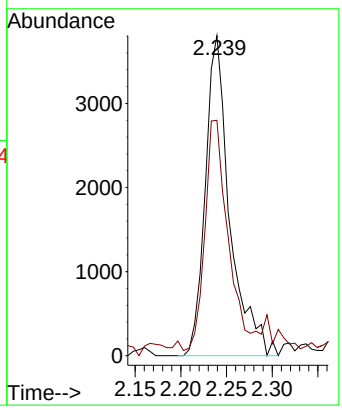




#13
Acrolein
Concen: 21.847 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 56 Resp: 708

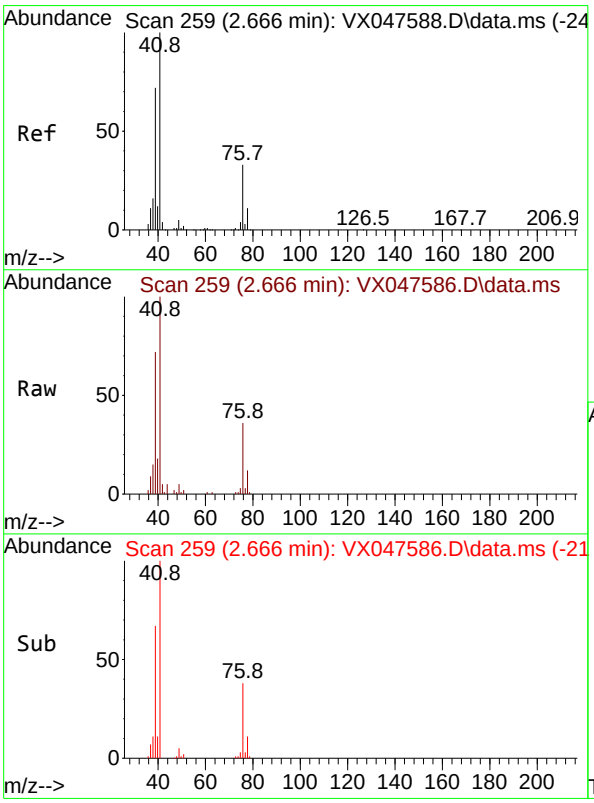
Ion	Ratio	Lower	Upper
56	100		
55	67.1	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

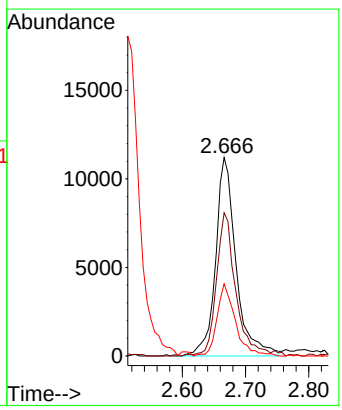
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

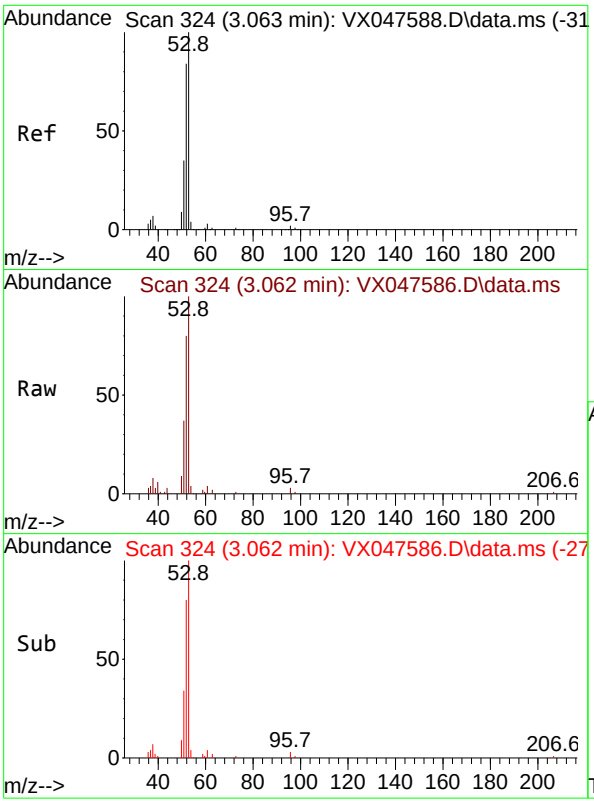


#14
Allyl chloride
Concen: 5.168 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 41 Resp: 25135

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

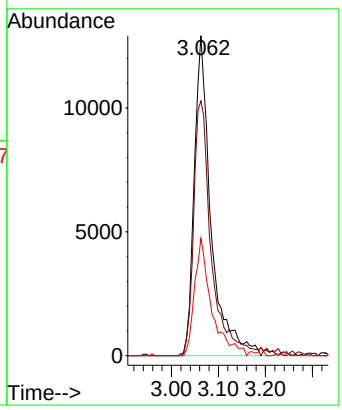




#15
Acrylonitrile
Concen: 25.016 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 53 Resp: 3258

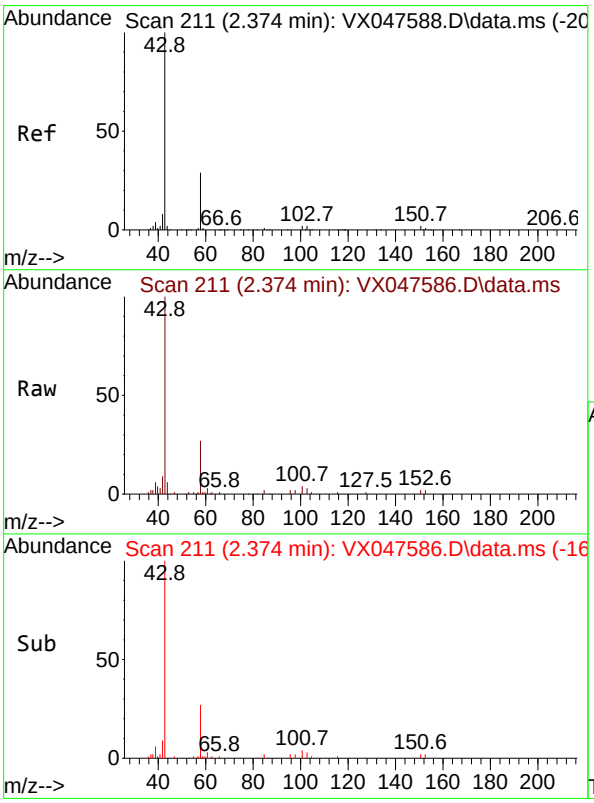
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.4	99.6
51	36.5	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

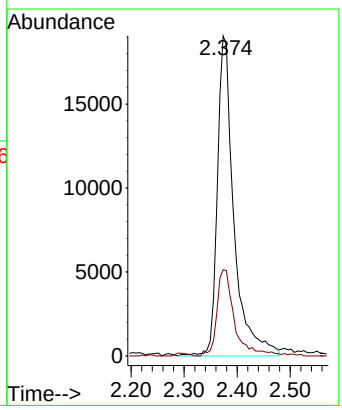
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

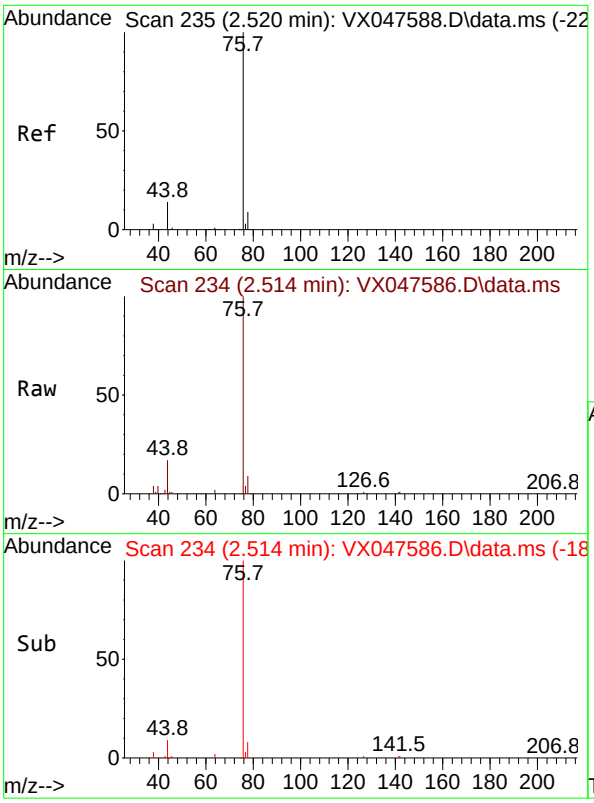


#16
Acetone
Concen: 30.079 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 41297

Ion	Ratio	Lower	Upper
43	100		
58	27.6	23.4	35.0

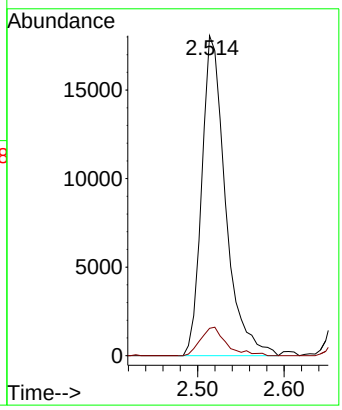




#17
Carbon Disulfide
Concen: 5.335 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 76 Resp: 3442

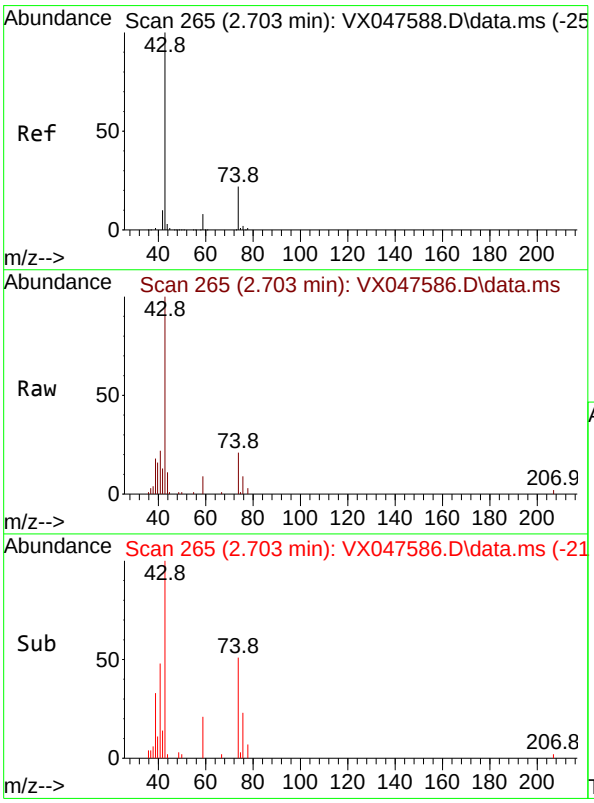
Ion	Ratio	Lower	Upper
76	100		
78	8.6	6.8	10.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

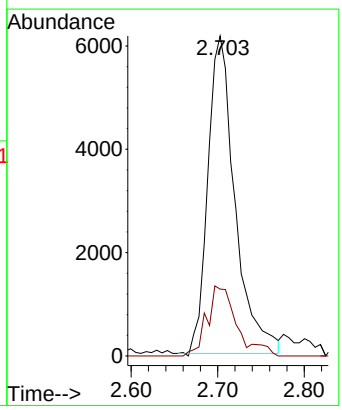
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

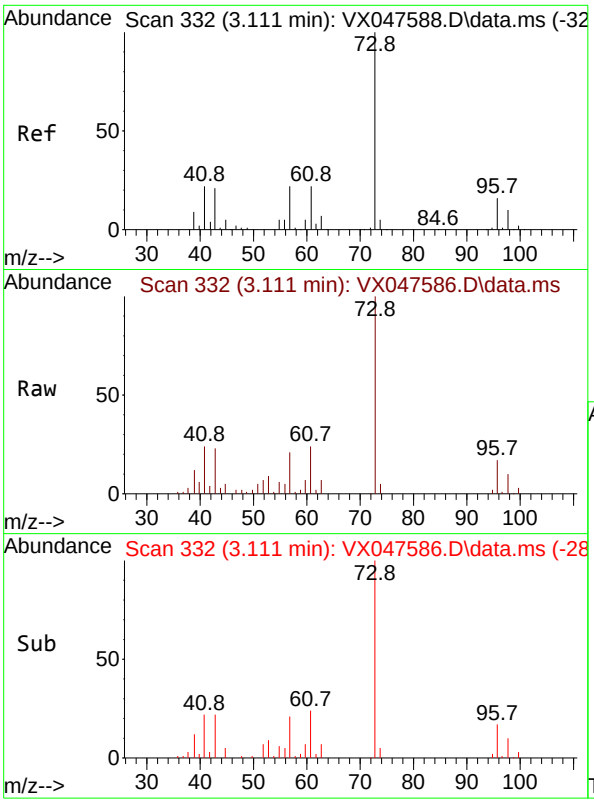


#18
Methyl Acetate
Concen: 4.371 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 13357

Ion	Ratio	Lower	Upper
43	100		
74	22.9	17.4	26.2

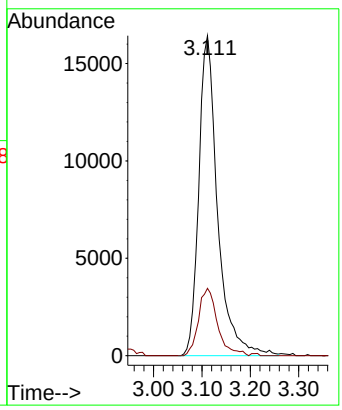




#19
Methyl tert-butyl Ether
Concen: 5.160 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 73 Resp: 4439

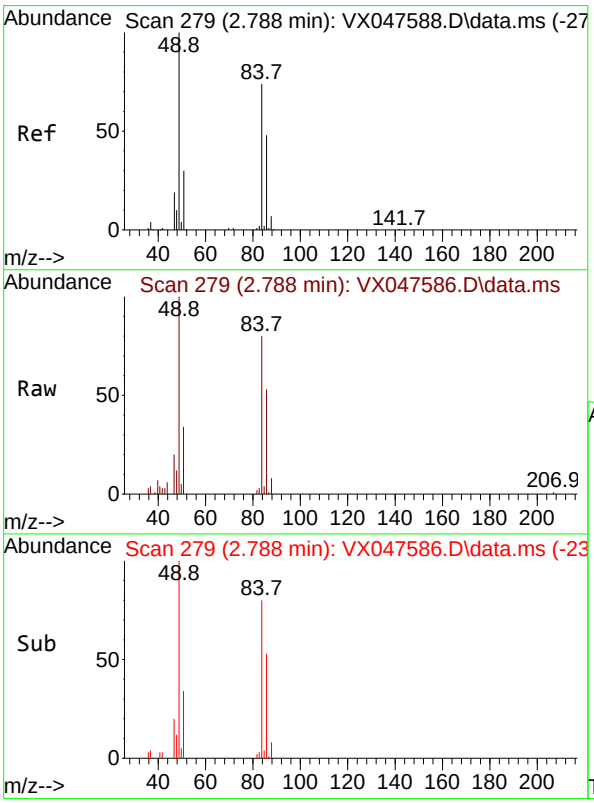
Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

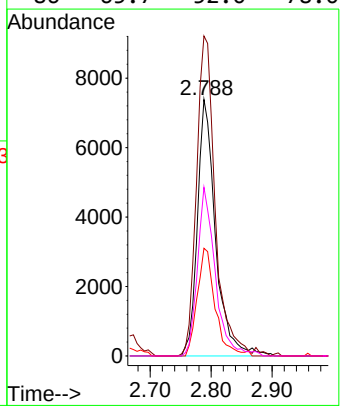
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

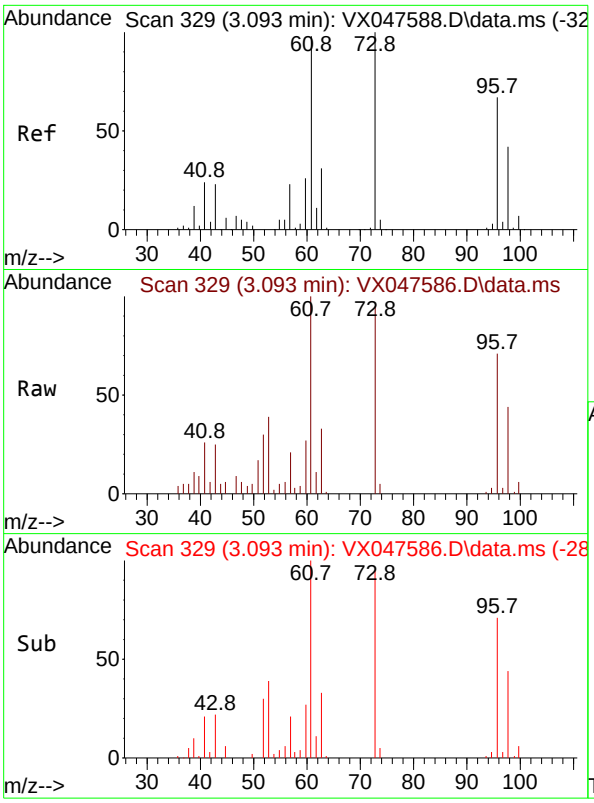


#20
Methylene Chloride
Concen: 5.267 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 84 Resp: 15307

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

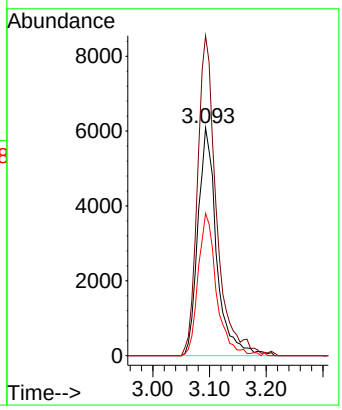




#21
trans-1,2-Dichloroethene
Concen: 5.492 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 96 Resp: 1393

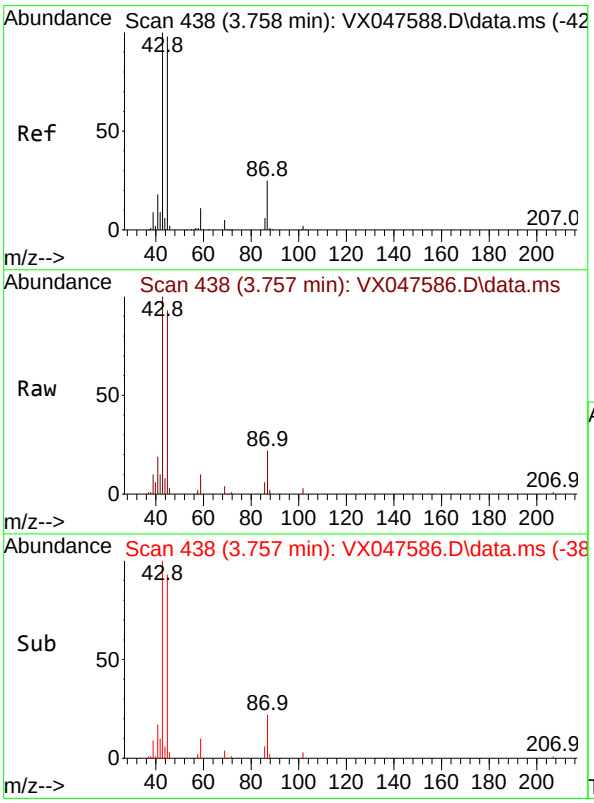
Ion	Ratio	Lower	Upper
96	100		
61	140.4	116.2	174.2
98	62.4	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

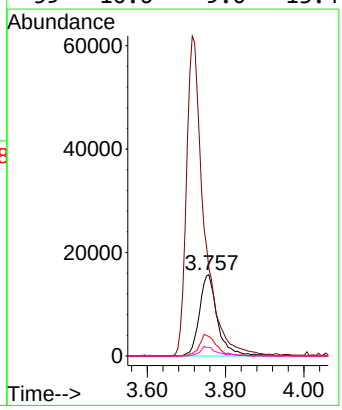
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

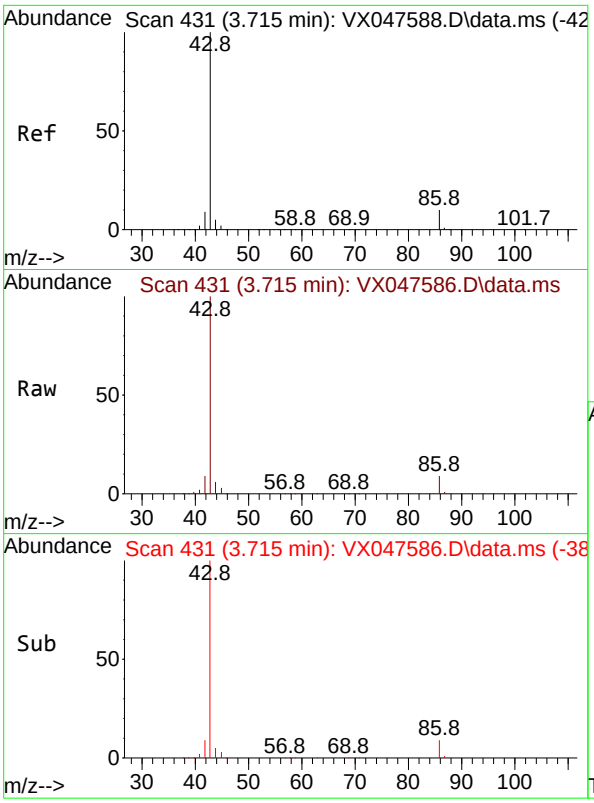


#22
Diisopropyl ether
Concen: 5.327 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 45 Resp: 50213

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





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

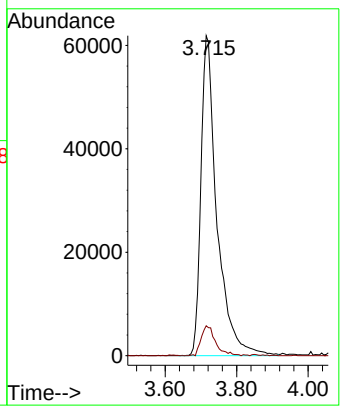
Tgt Ion: 43 Resp: 19217

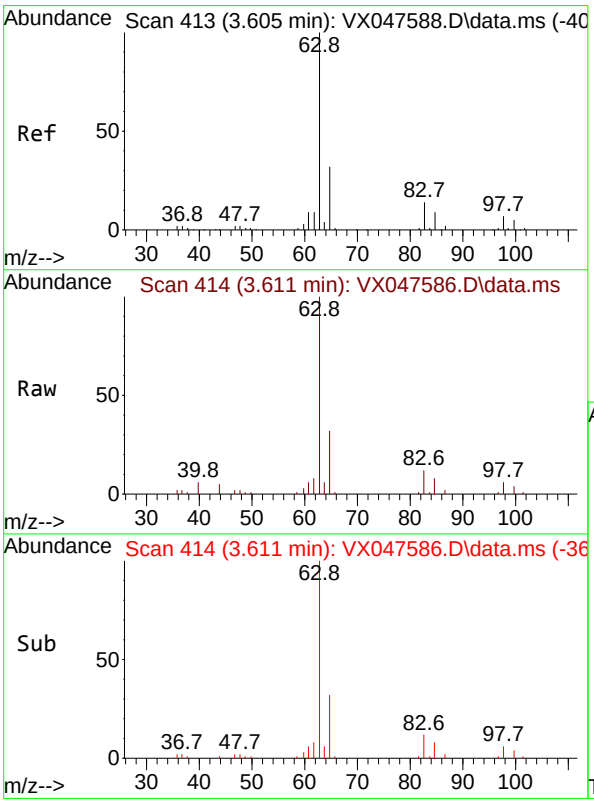
Ion	Ratio	Lower	Upper
43	100		
86	9.4	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

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

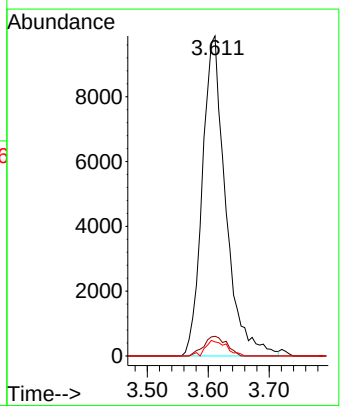


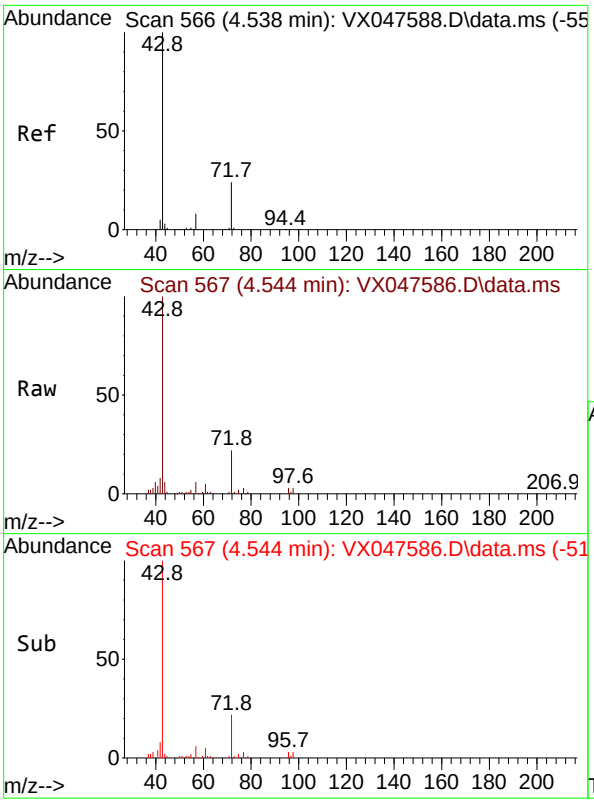


#24
1,1-Dichloroethane
Concen: 5.248 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 63 Resp: 26292

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





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

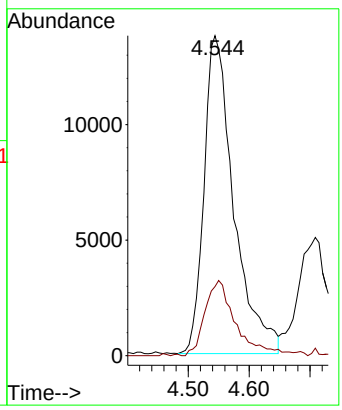
Tgt Ion: 43 Resp: 4665

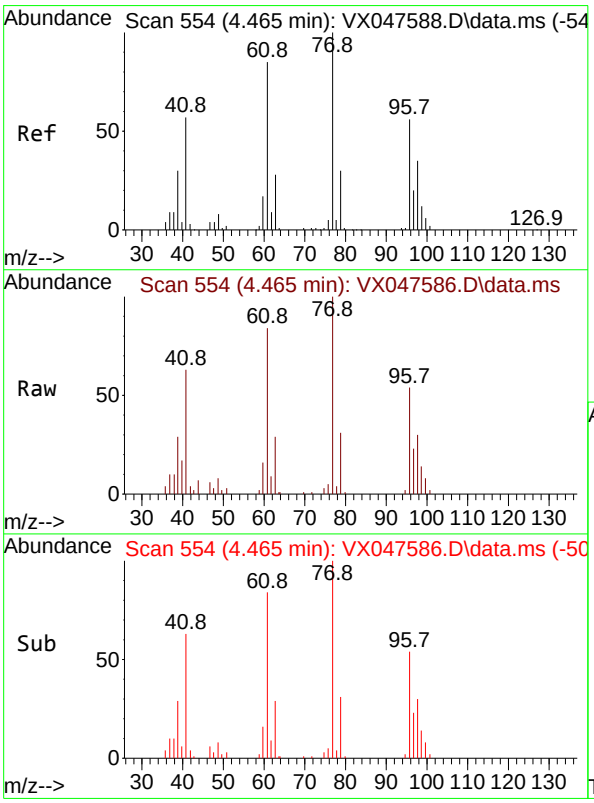
Ion	Ratio	Lower	Upper
43	100		
72	21.3	20.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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

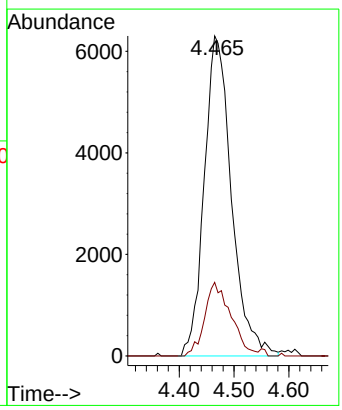


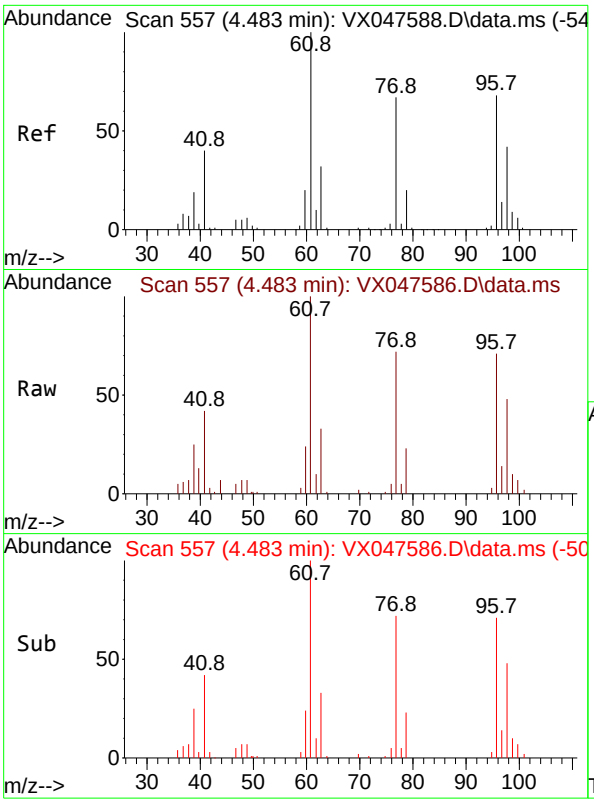


#26
2,2-Dichloropropane
Concen: 5.220 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 77 Resp: 21738

Ion	Ratio	Lower	Upper
77	100		
97	22.2	10.9	32.7

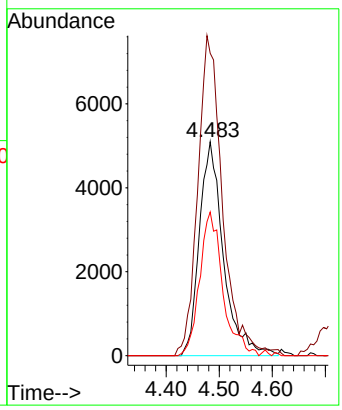




#27
cis-1,2-Dichloroethene
Concen: 5.147 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 96 Resp: 1599

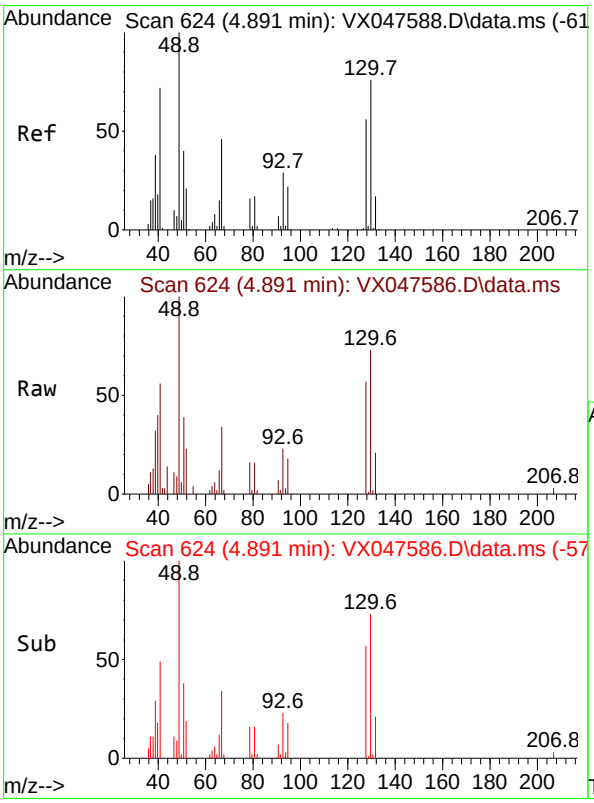
Ion	Ratio	Lower	Upper
96	100		
61	154.4	0.0	303.2
98	64.8	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

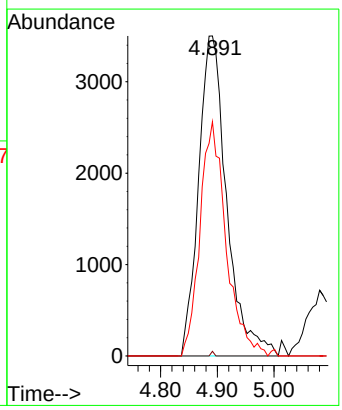
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

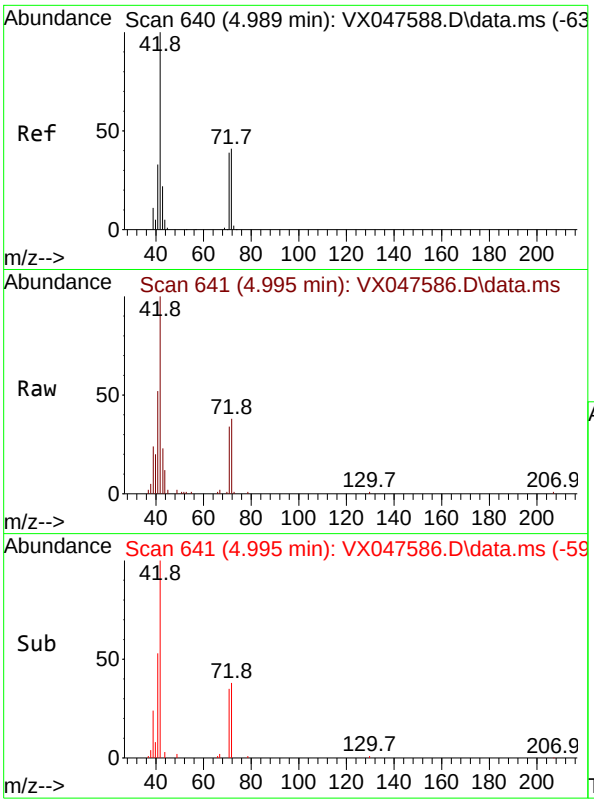


#28
Bromochloromethane
Concen: 5.508 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 49 Resp: 12047

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

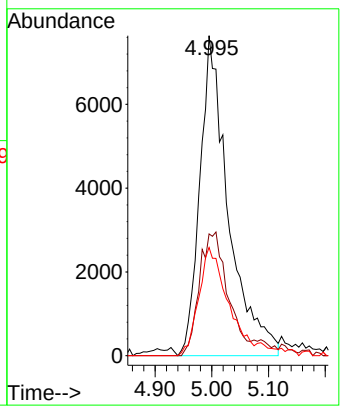




#29
Tetrahydrofuran
Concen: 25.944 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 42 Resp: 2672

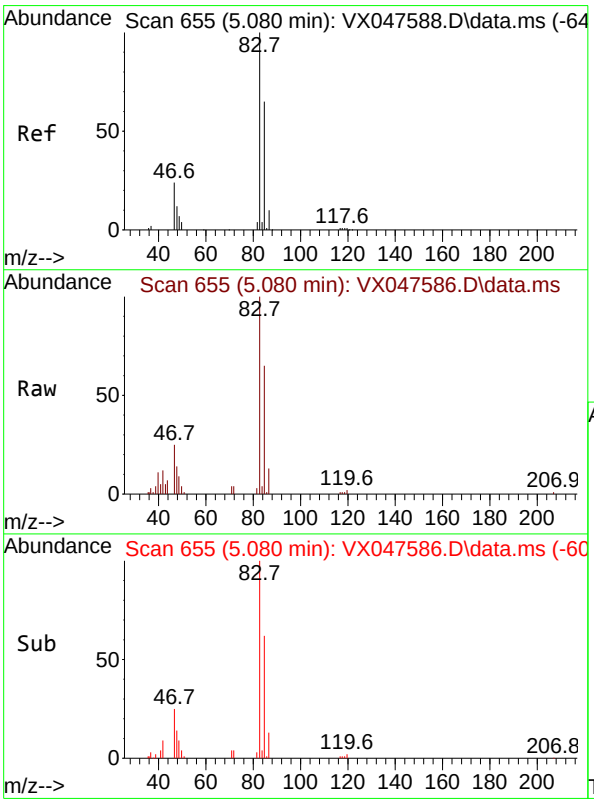
Ion	Ratio	Lower	Upper
42	100		
72	38.7	34.2	51.2
71	34.1	31.9	47.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

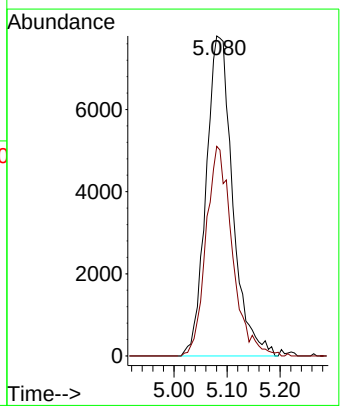
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

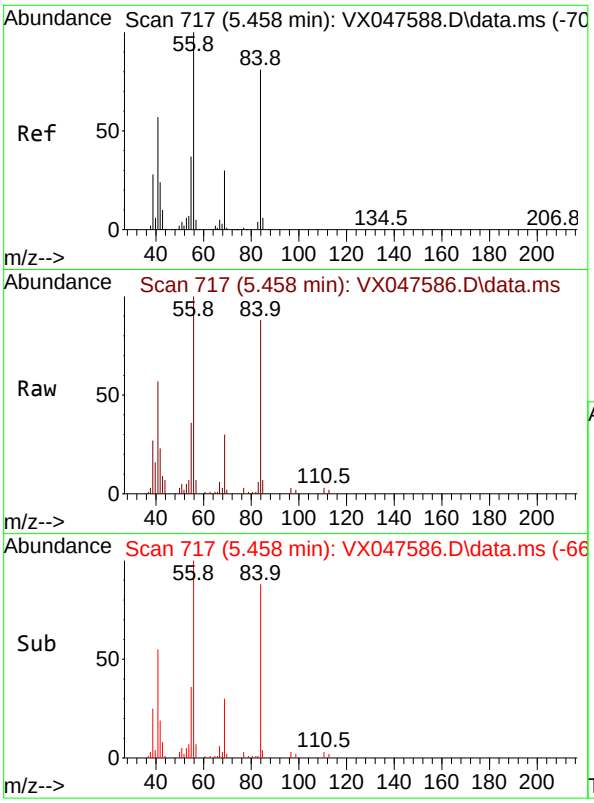


#30
Chloroform
Concen: 5.344 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 83 Resp: 27054

Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.8	77.6

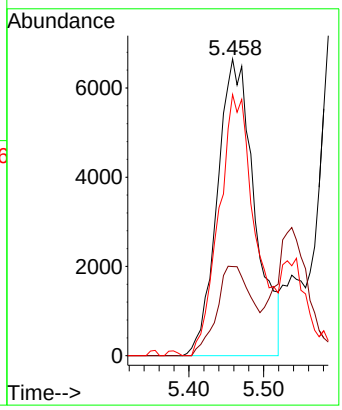




#31
Cyclohexane
Concen: 5.520 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 56 Resp: 2303

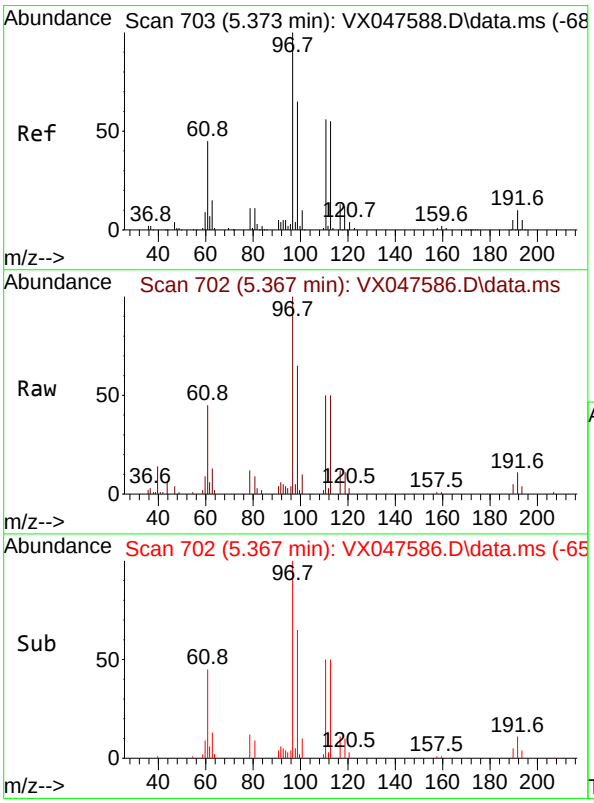
Ion	Ratio	Lower	Upper
56	100		
69	32.2	23.8	35.8
84	87.1	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

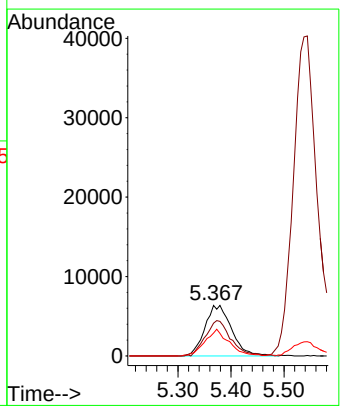
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

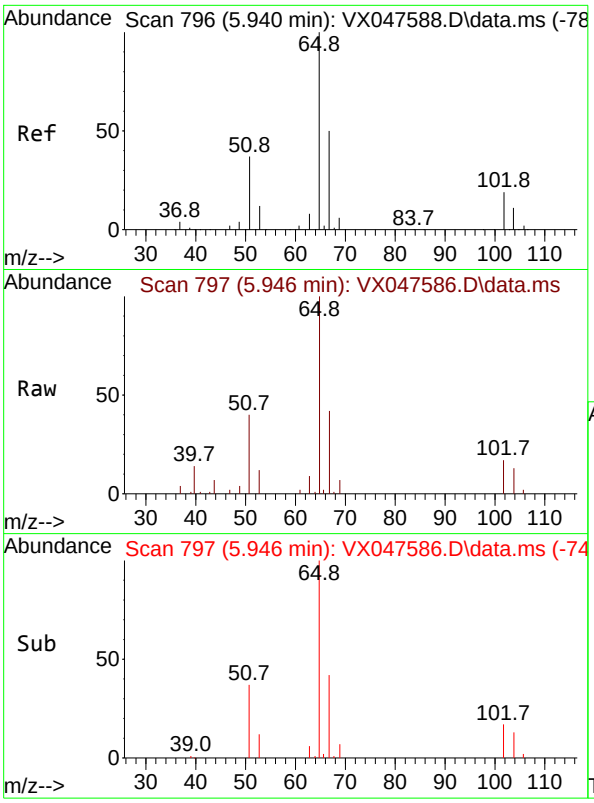


#32
1,1,1-Trichloroethane
Concen: 5.188 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 97 Resp: 22279

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

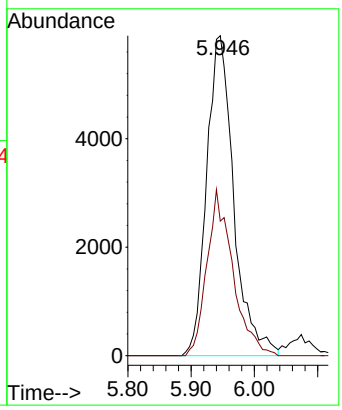




#33
1,2-Dichloroethane-d4
Concen: 5.554 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 65 Resp: 1753

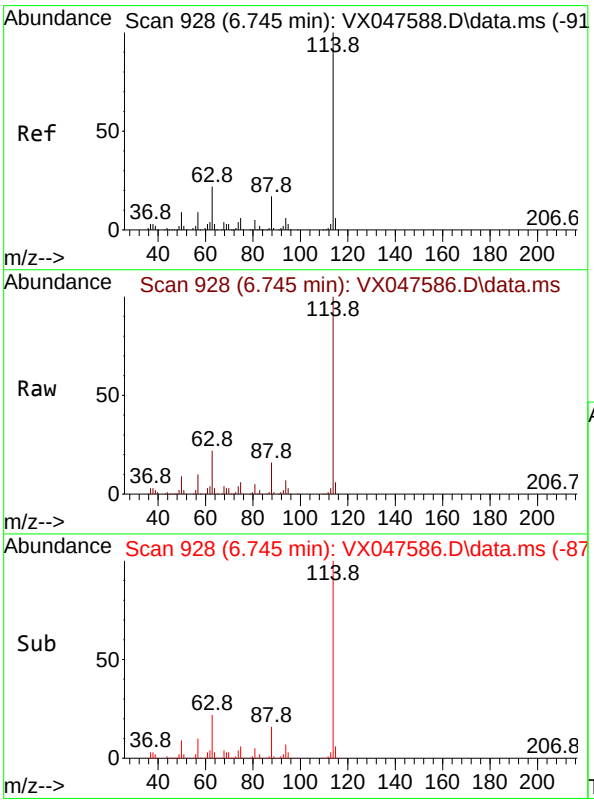
Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

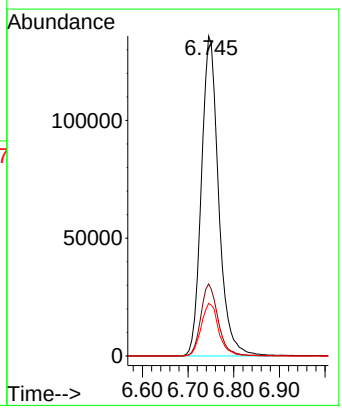
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

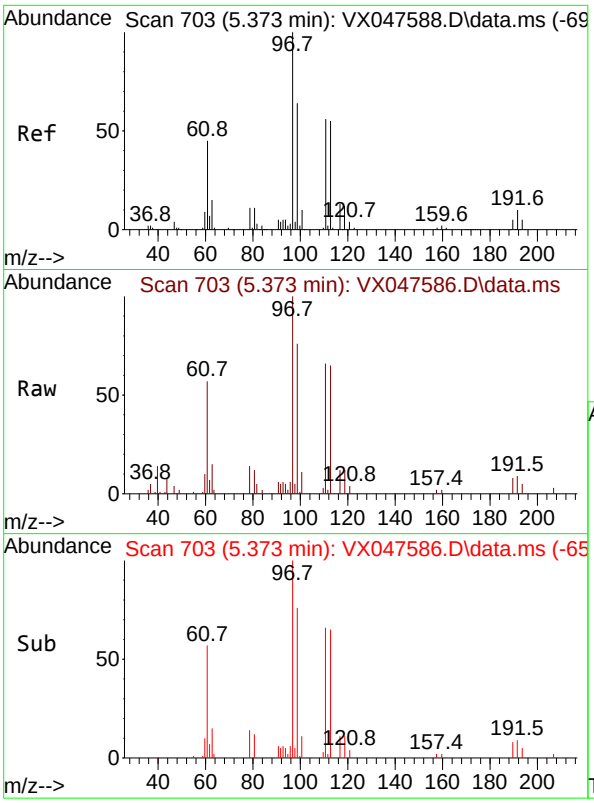


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:114 Resp: 355026

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

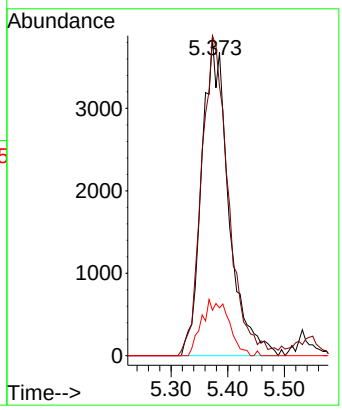




#35
Dibromofluoromethane
Concen: 5.312 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:113 Resp: 1264

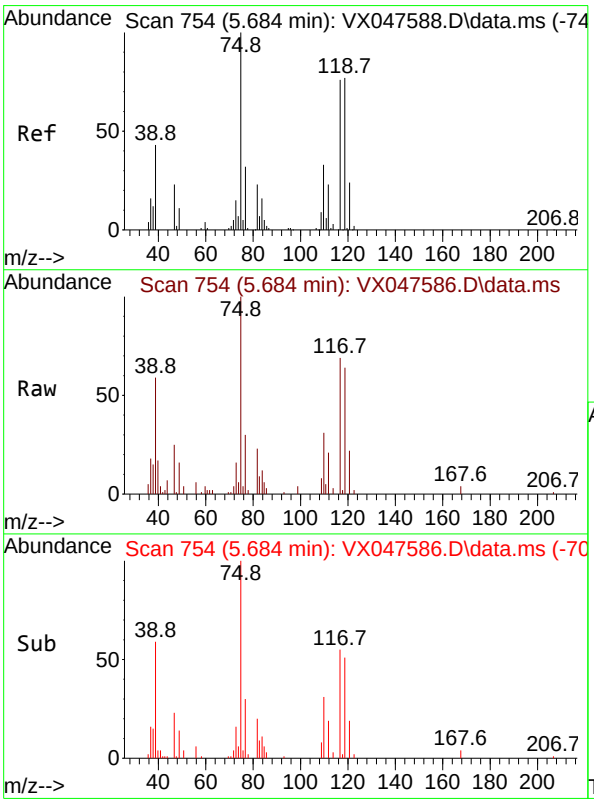
Ion	Ratio	Lower	Upper
113	100		
111	100.5	80.9	121.3
192	17.8	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

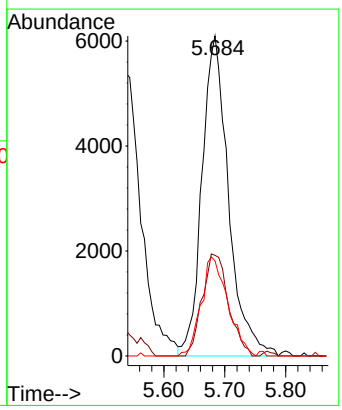
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

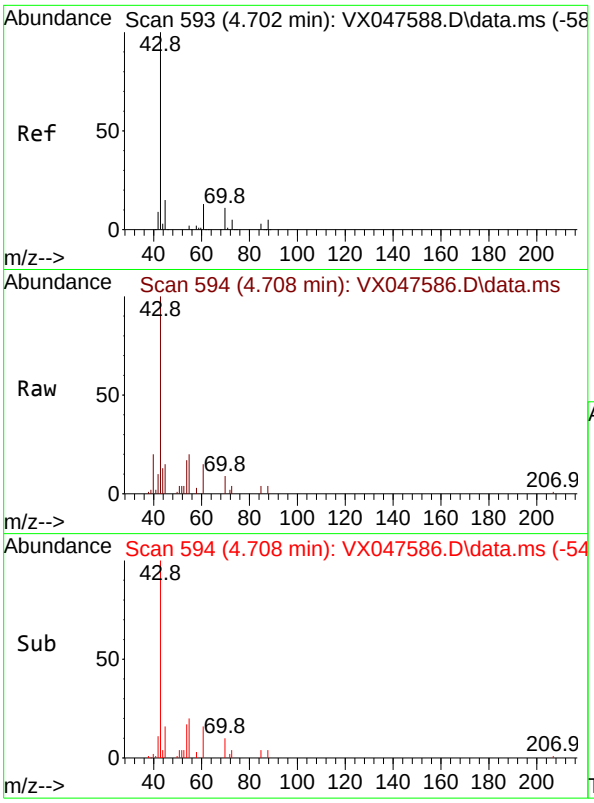


#36
1,1-Dichloropropene
Concen: 5.304 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 75 Resp: 18455

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

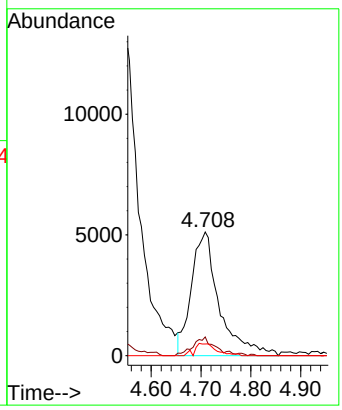




#37
Ethyl Acetate
Concen: 5.345 ug/l
RT: 4.708 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 1991

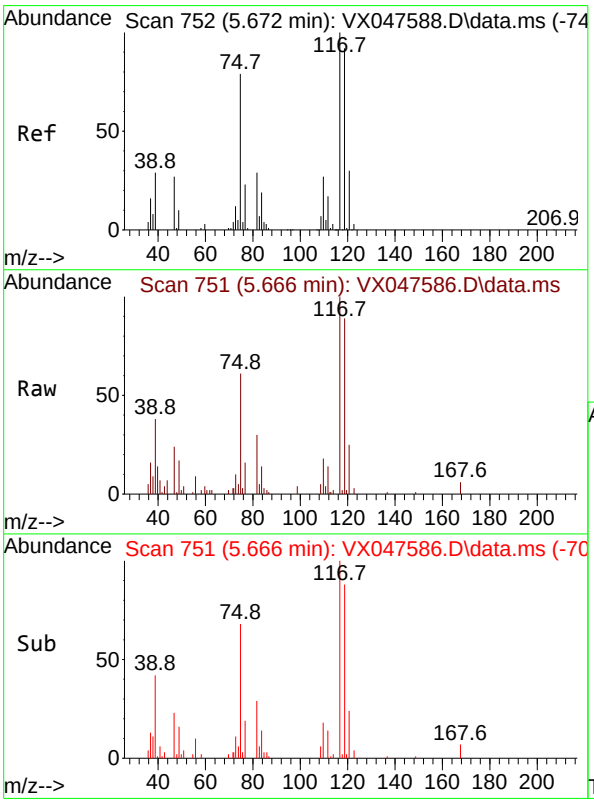
Ion	Ratio	Lower	Upper
43	100		
61	11.9	9.8	14.8
70	7.6	7.9	11.9#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

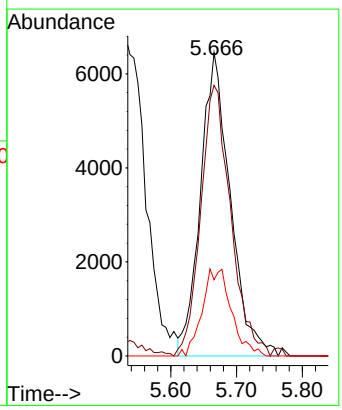
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

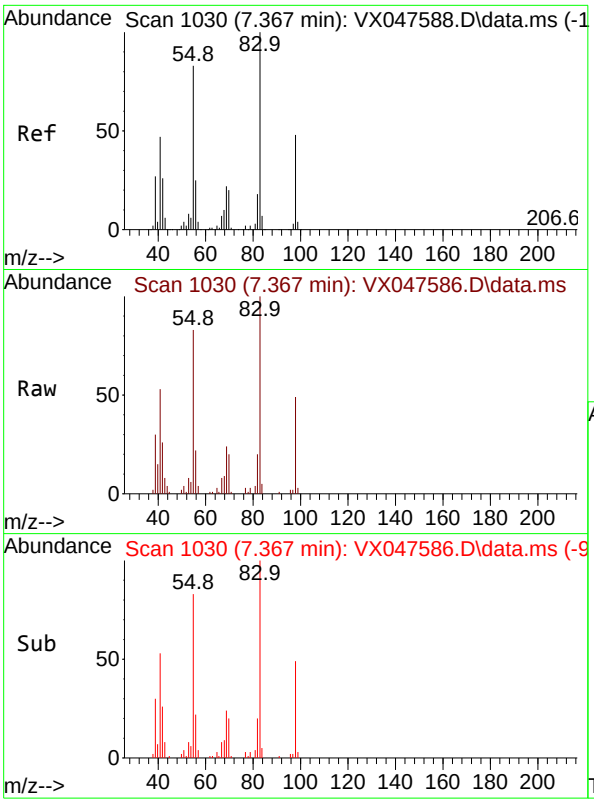


#38
Carbon Tetrachloride
Concen: 5.390 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:117 Resp: 20376

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

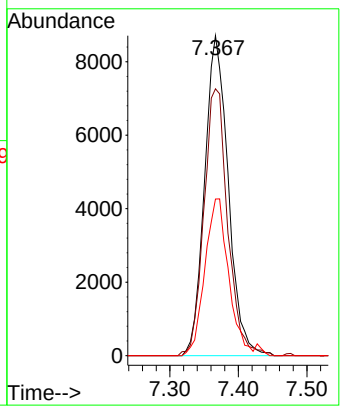




#39
Methylcyclohexane
Concen: 5.292 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 83 Resp: 2090

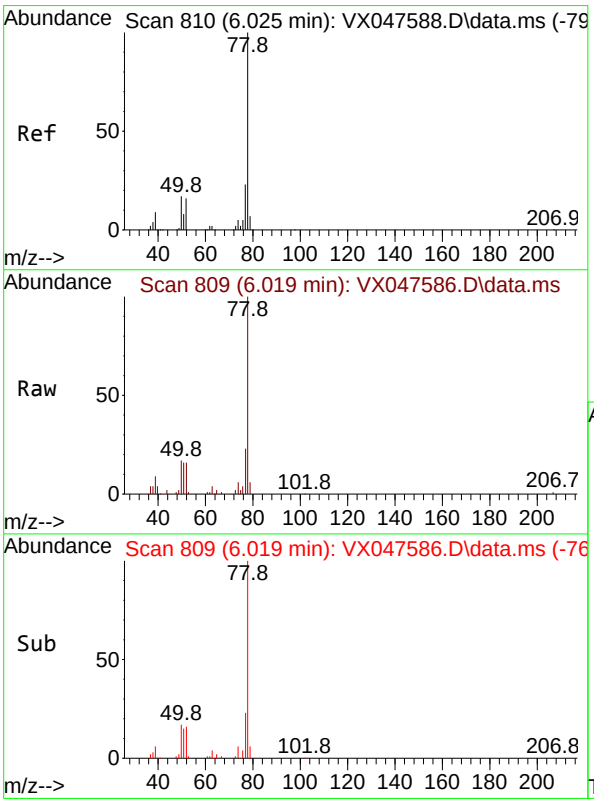
Ion	Ratio	Lower	Upper
83	100		
55	79.1	66.4	99.6
98	46.4	38.1	57.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

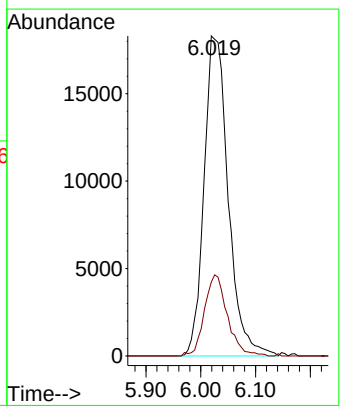
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

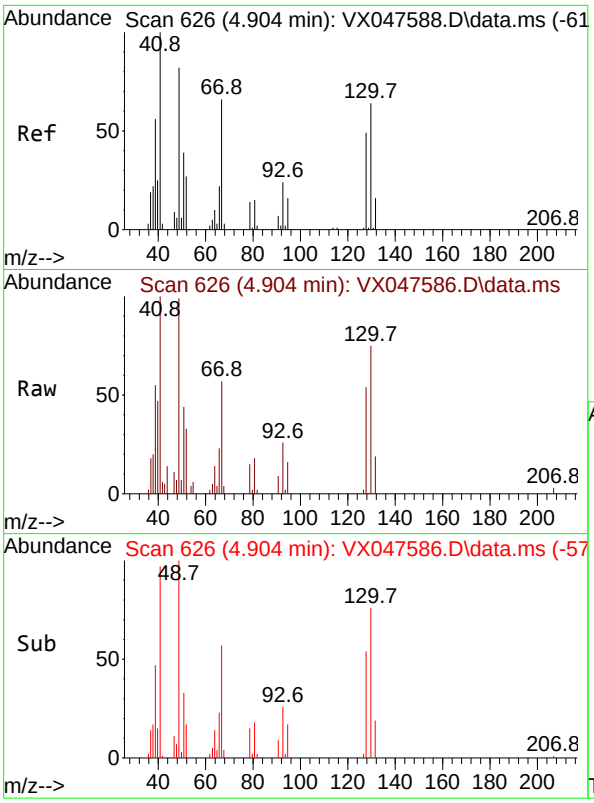


#40
Benzene
Concen: 5.299 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 78 Resp: 55996

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.8	28.2

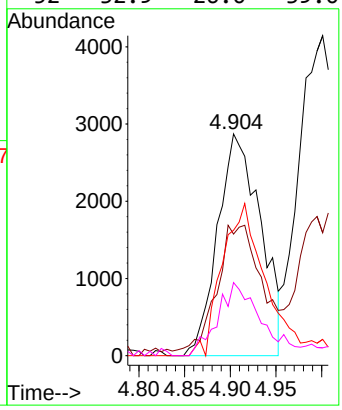




#41
Methacrylonitrile
Concen: 4.883 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 41 Resp: 939

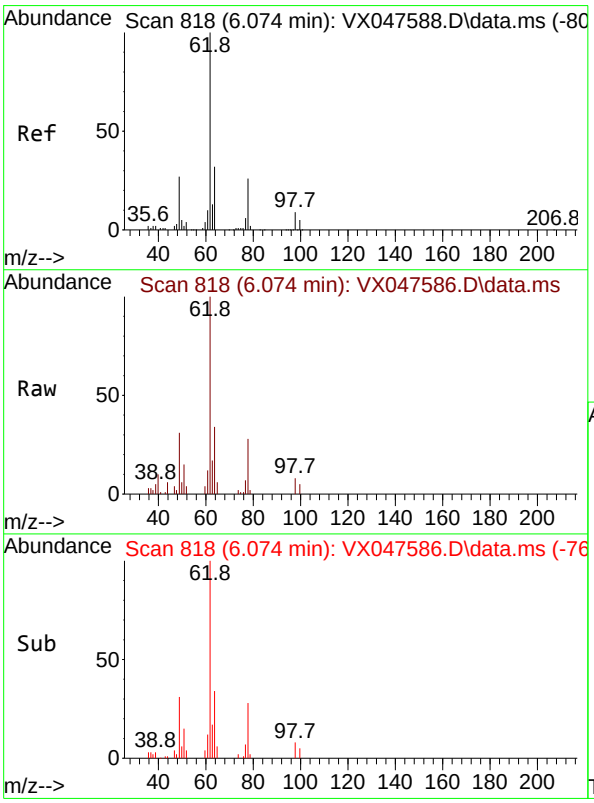
Ion	Ratio	Lower	Upper
41	100		
39	58.3	43.3	64.9
67	68.7	58.6	87.8
52	32.9	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

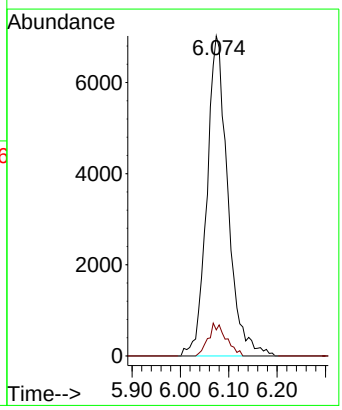
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

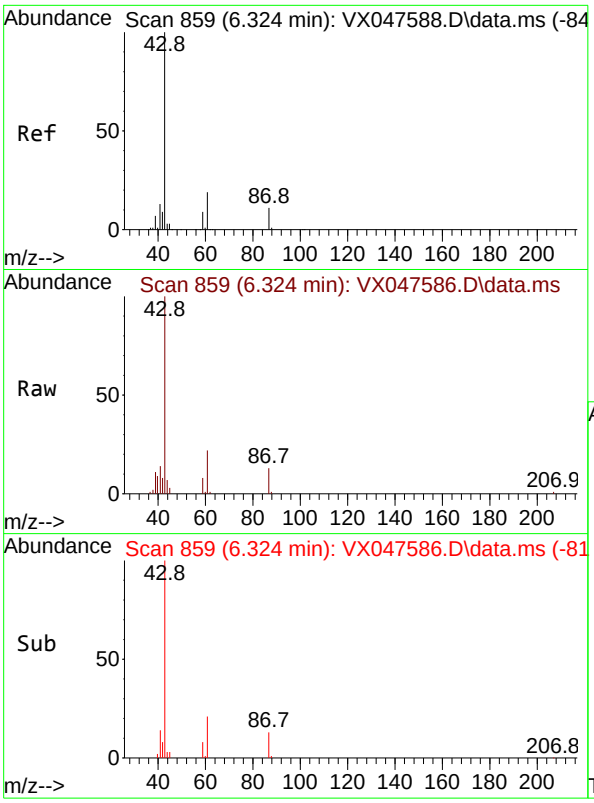


#42
1,2-Dichloroethane
Concen: 5.252 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 62 Resp: 21117

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0





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

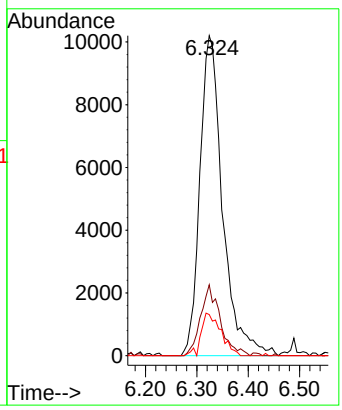
Tgt Ion: 43 Resp: 3130

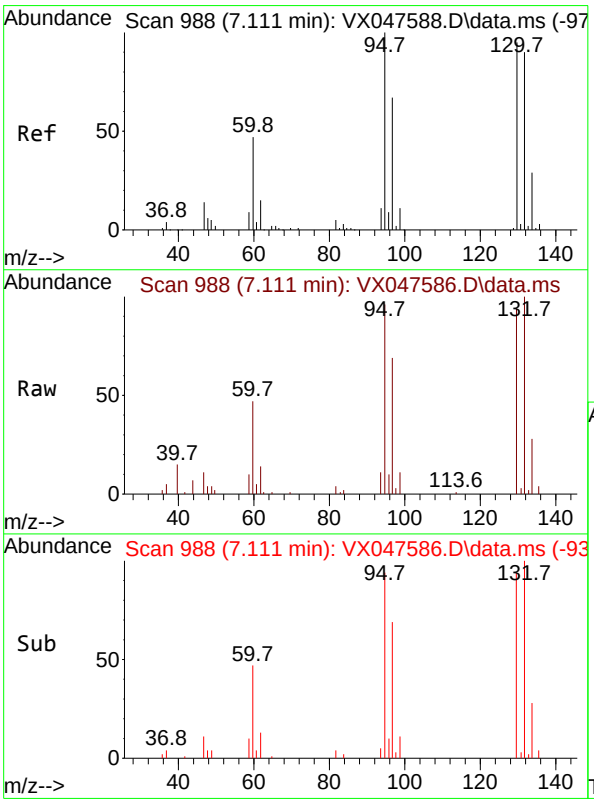
Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.2	22.8
87	11.6	9.6	14.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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

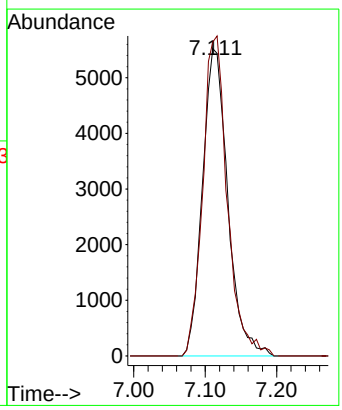


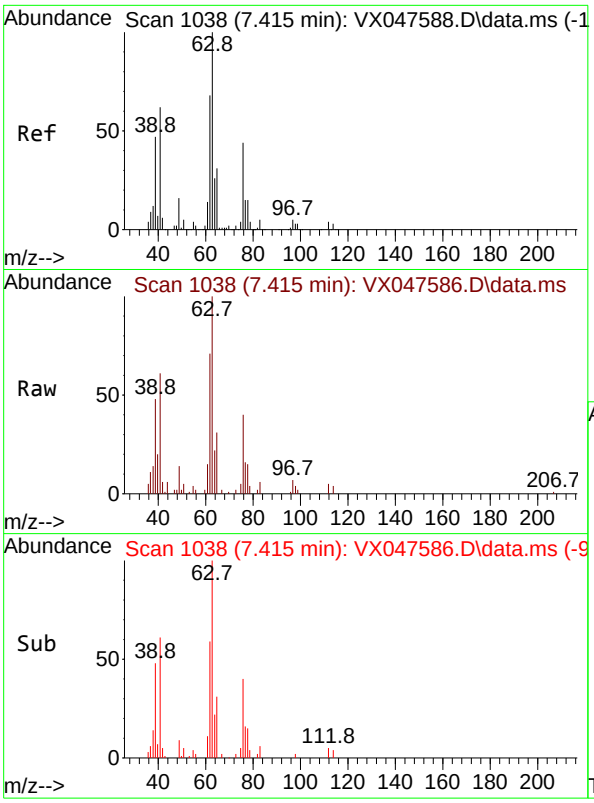


#44
Trichloroethene
Concen: 5.314 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:130 Resp: 13576

Ion	Ratio	Lower	Upper
130	100		
95	102.1	0.0	210.8

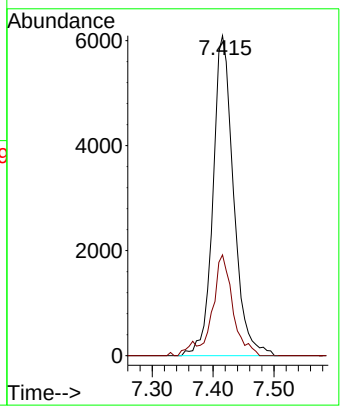




#45
1,2-Dichloropropane
Concen: 5.287 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 63 Resp: 1430

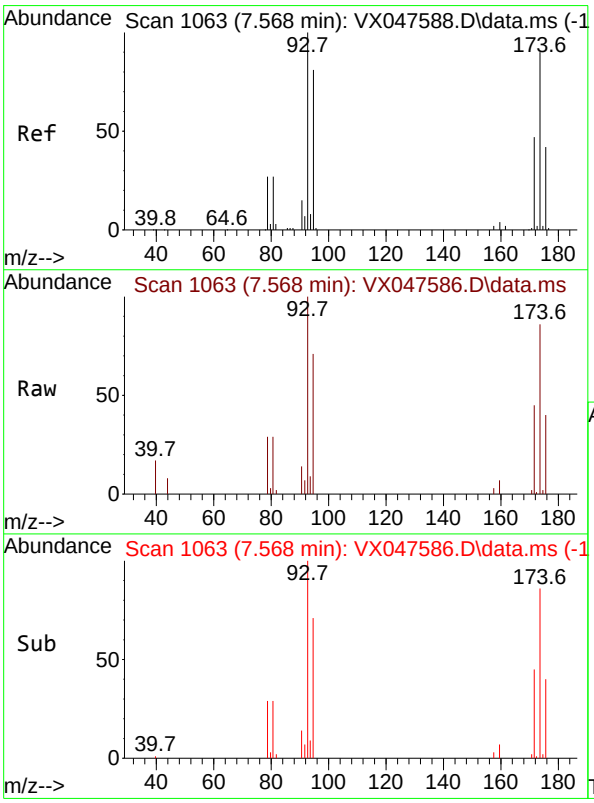
Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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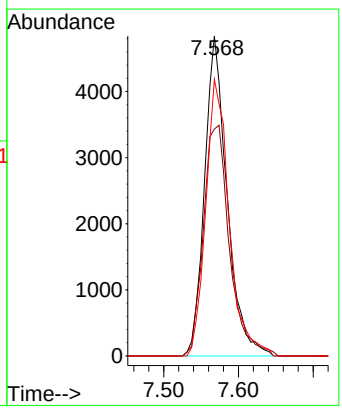
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

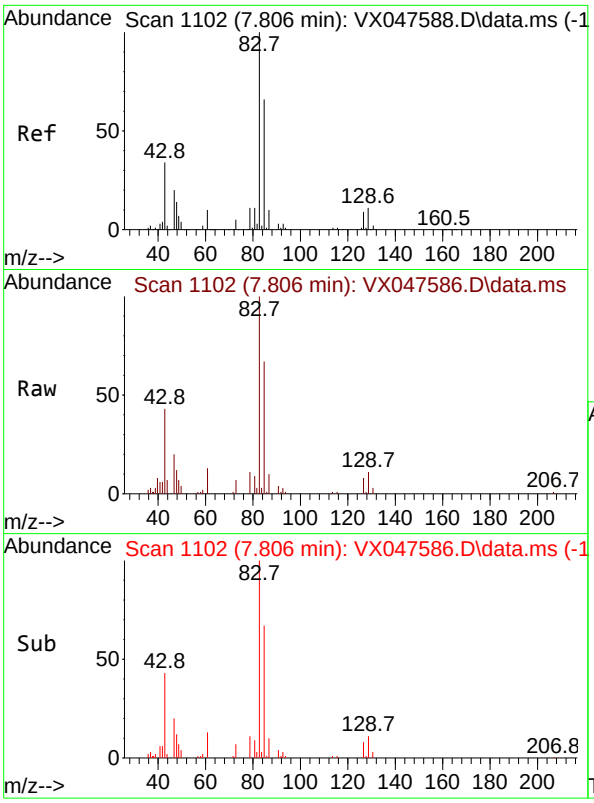


#46
Dibromomethane
Concen: 5.146 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 93 Resp: 10133

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

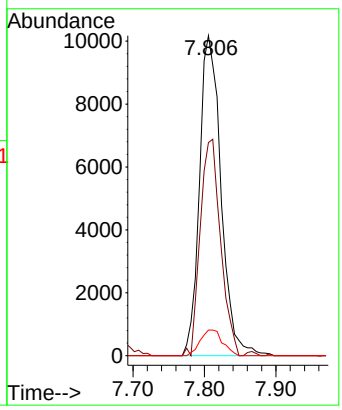




#47
Bromodichloromethane
Concen: 5.235 ug/l
RT: 7.806 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 83 Resp: 2127

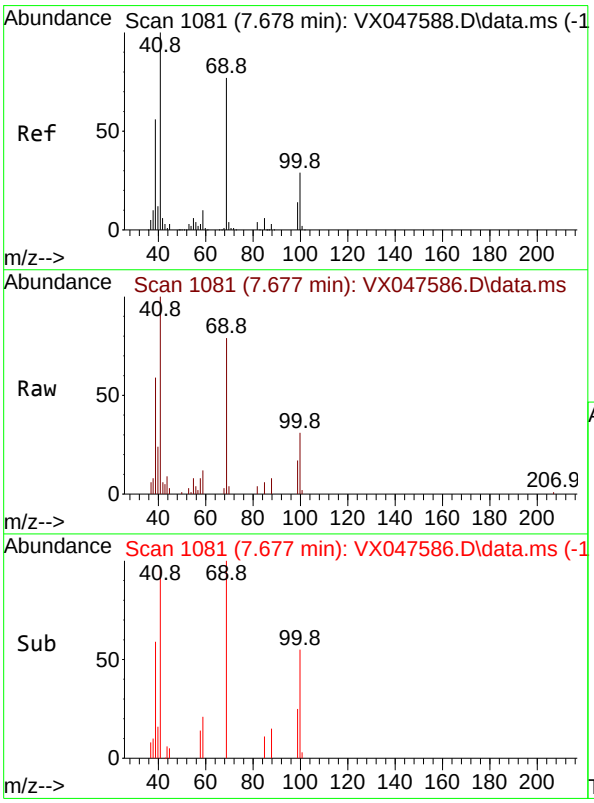
Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.5	78.7
127	7.8	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

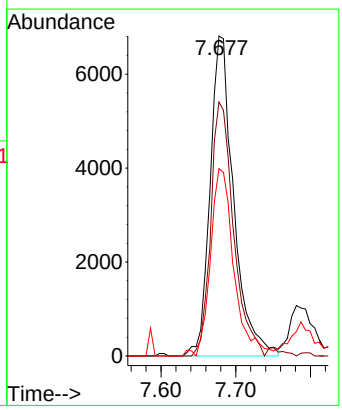
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

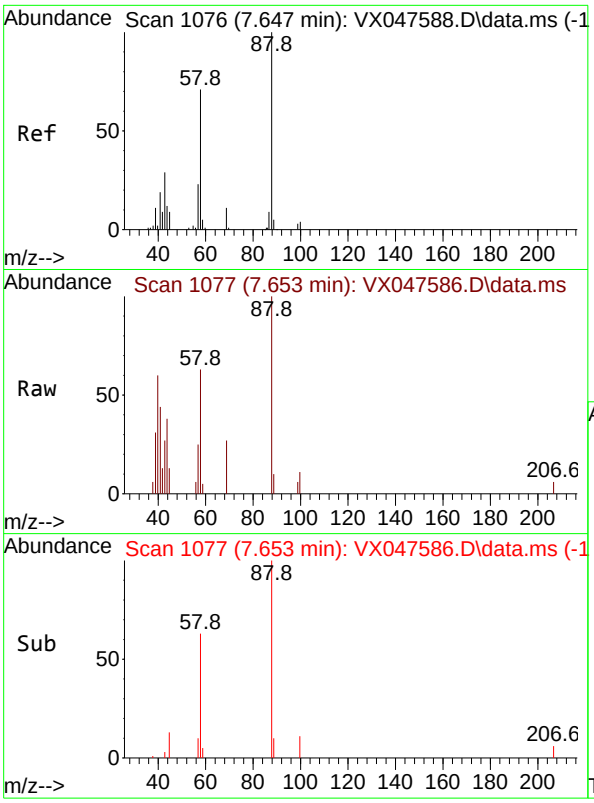


#48
Methyl methacrylate
Concen: 4.915 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 41 Resp: 14959

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

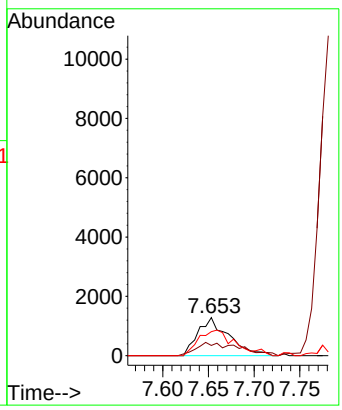




#49
1,4-Dioxane
Concen: 98.096 ug/l
RT: 7.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 88 Resp: 301

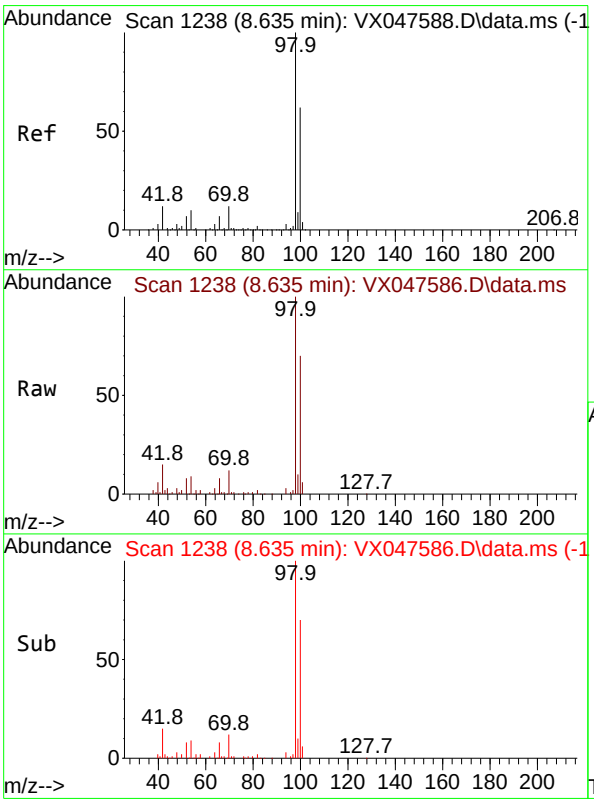
Ion	Ratio	Lower	Upper
88	100		
43	48.3	30.2	45.2
58	79.1	59.5	89.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

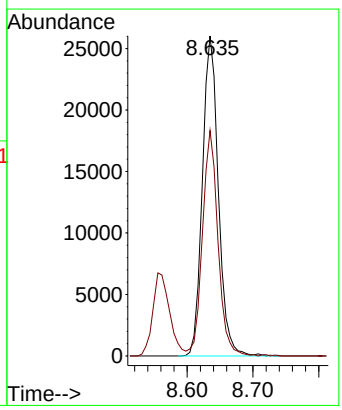
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

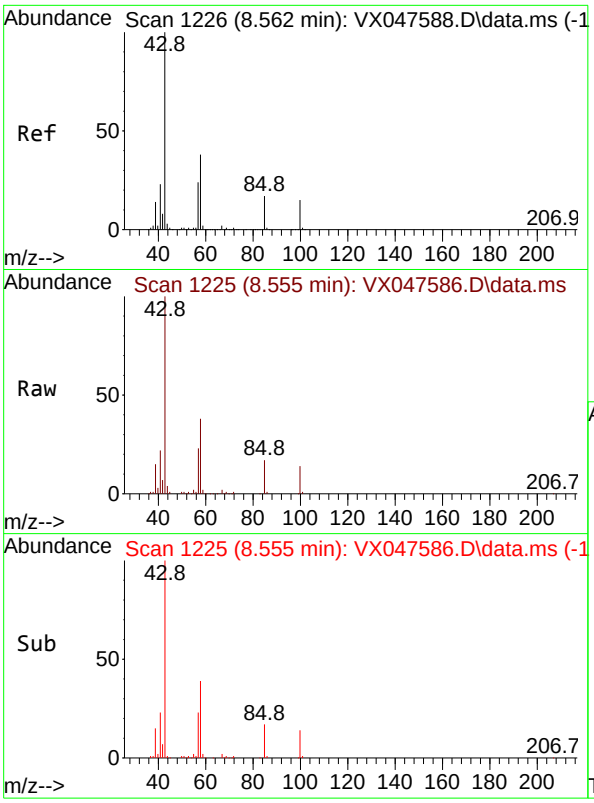


#50
Toluene-d8
Concen: 5.332 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 98 Resp: 43926

Ion	Ratio	Lower	Upper
98	100		
100	68.4	53.0	79.4

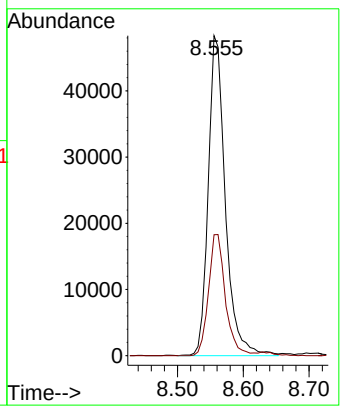




#51
4-Methyl-2-Pentanone
Concen: 25.828 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 8749

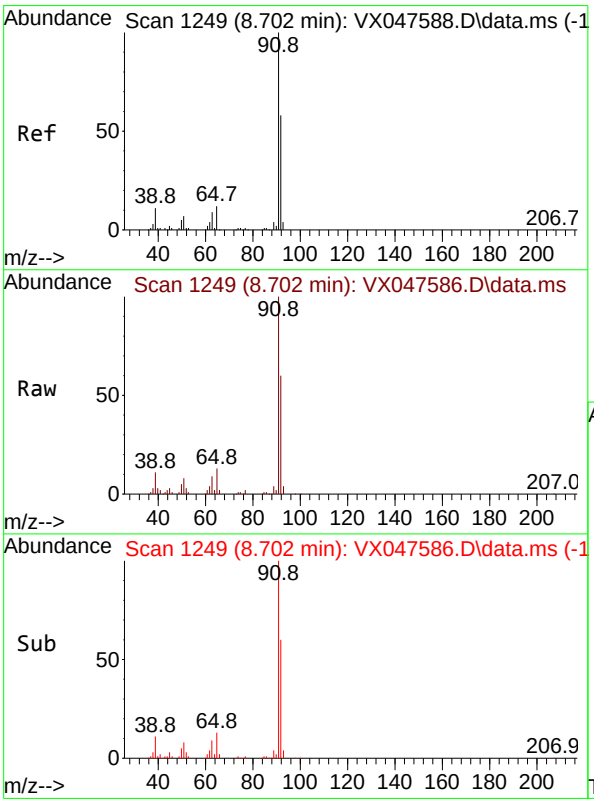
Ion	Ratio	Lower	Upper
43	100		
58	37.7	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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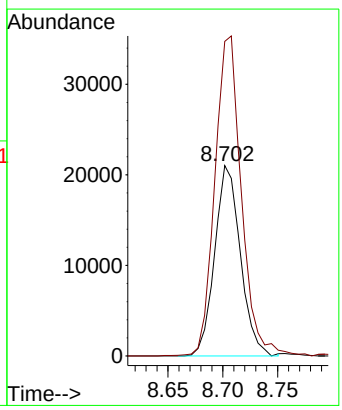
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

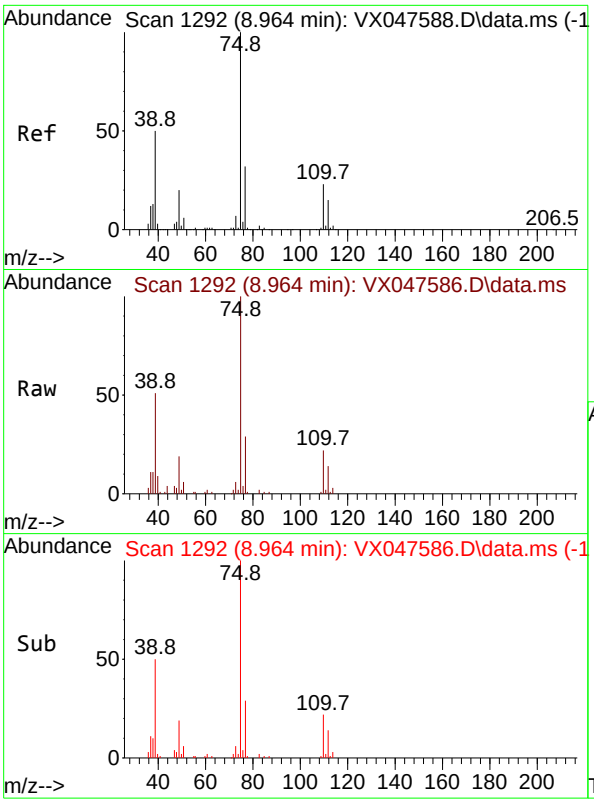


#52
Toluene
Concen: 5.271 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 92 Resp: 34314

Ion	Ratio	Lower	Upper
92	100		
91	173.8	137.1	205.7

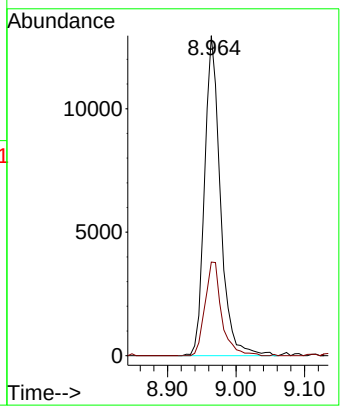




#53
t-1,3-Dichloropropene
Concen: 5.034 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 75 Resp: 2086

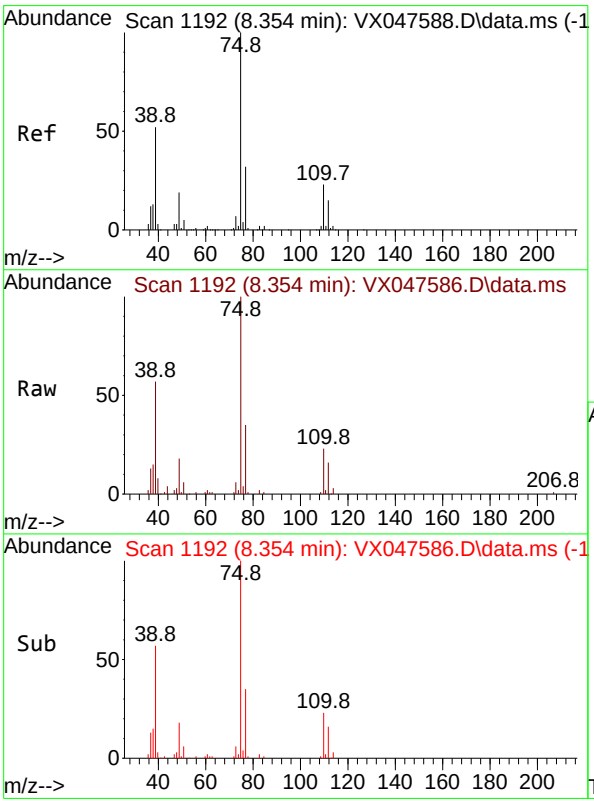
Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

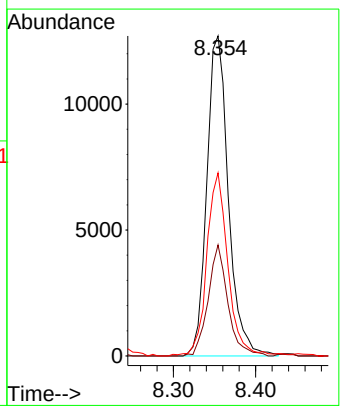
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

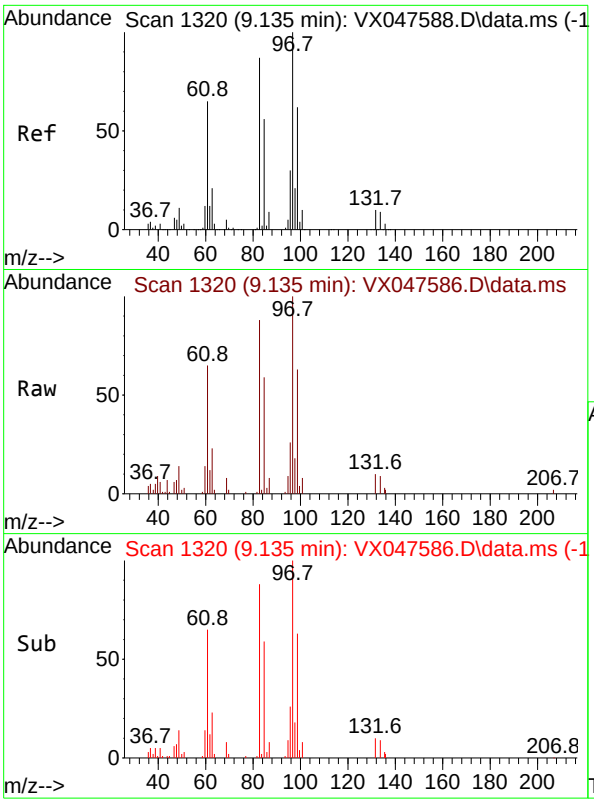


#54
cis-1,3-Dichloropropene
Concen: 5.227 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 75 Resp: 23157

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

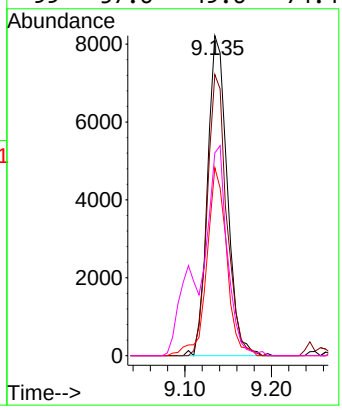




#55
1,1,2-Trichloroethane
Concen: 5.166 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 97 Resp: 1296

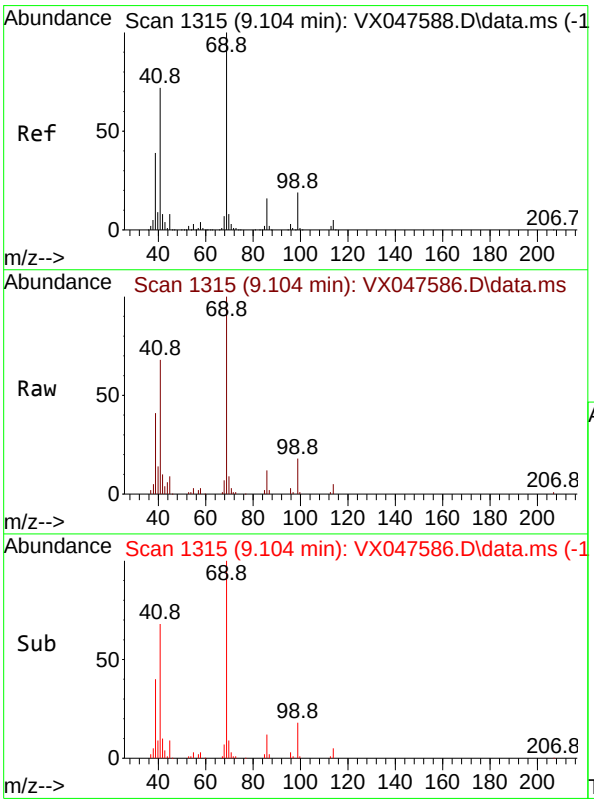
Ion	Ratio	Lower	Upper
97	100		
83	76.7	69.6	104.4
85	49.9	45.0	67.6
99	57.6	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

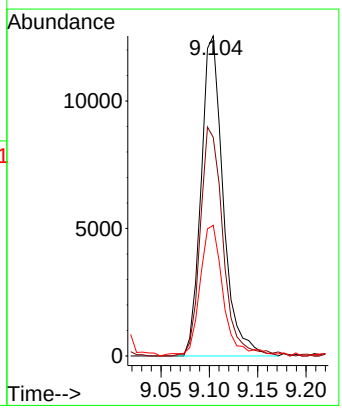
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

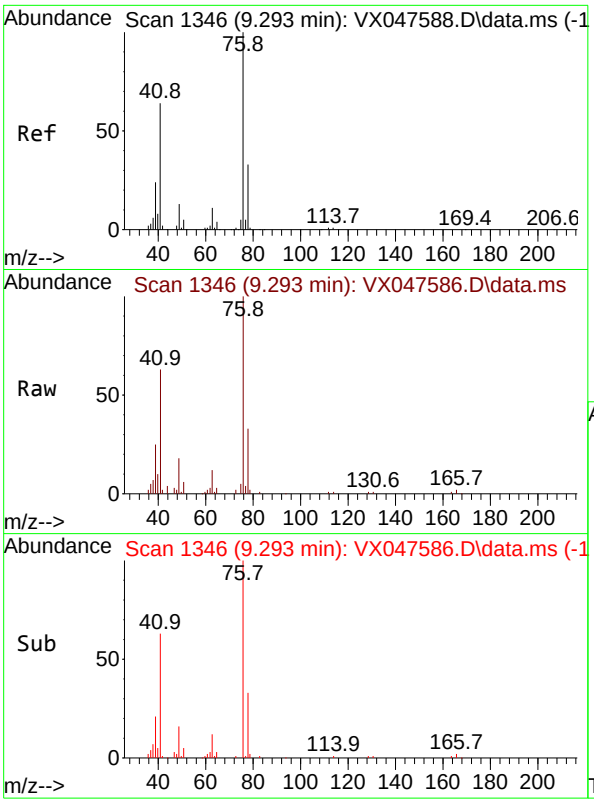


#56
Ethyl methacrylate
Concen: 5.068 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 69 Resp: 19980

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

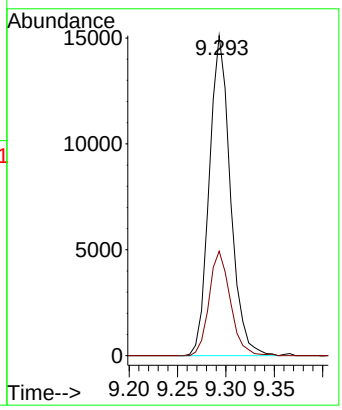




#57
1,3-Dichloropropane
Concen: 5.331 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 76 Resp: 2298

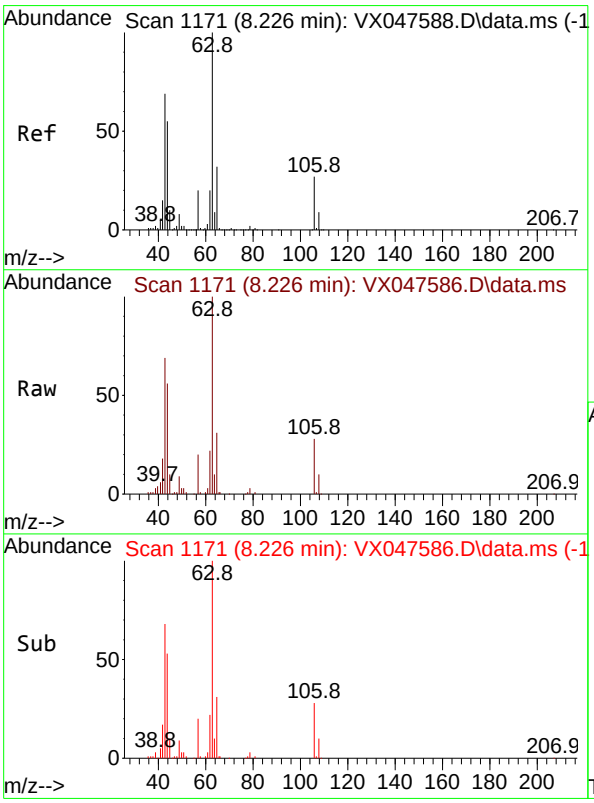
Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

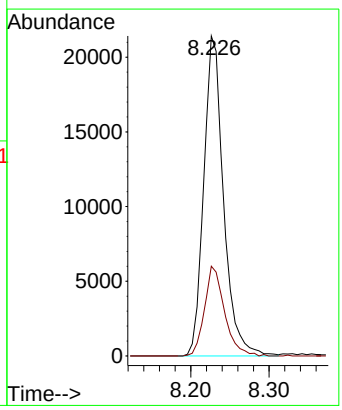
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

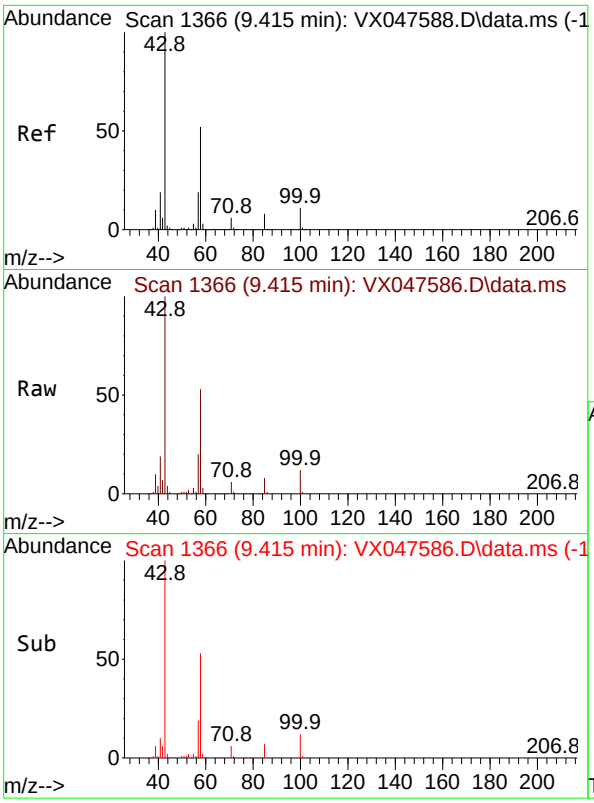


#58
2-Chloroethyl Vinyl ether
Concen: 27.899 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 63 Resp: 37585

Ion	Ratio	Lower	Upper
63	100		
106	28.3	21.9	32.9

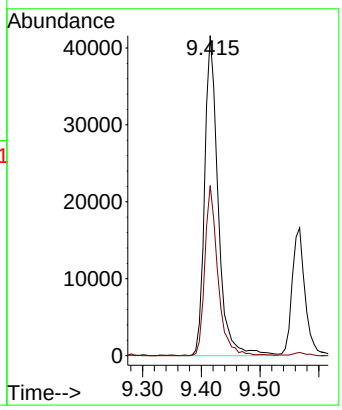




#59
2-Hexanone
Concen: 27.275 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 6635

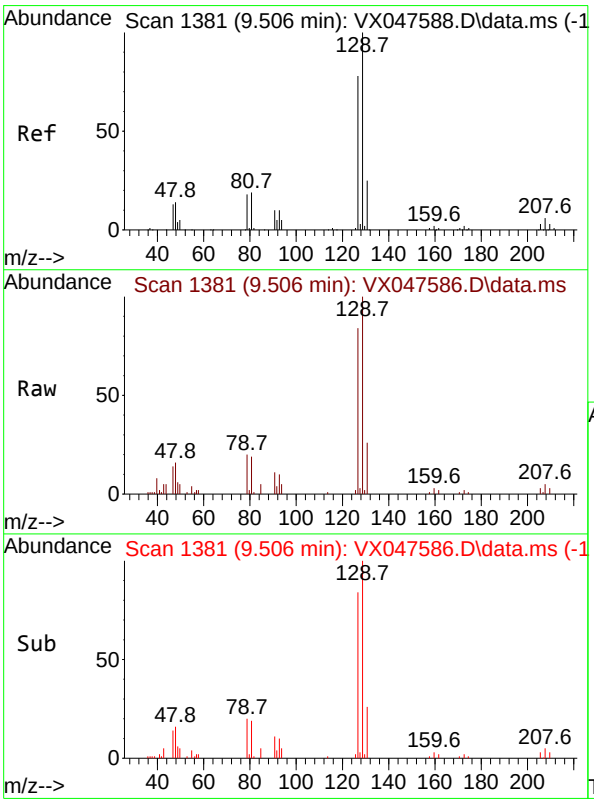
Ion	Ratio	Lower	Upper
43	100		
58	51.1	26.1	78.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

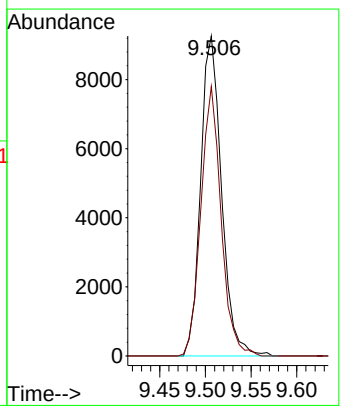
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

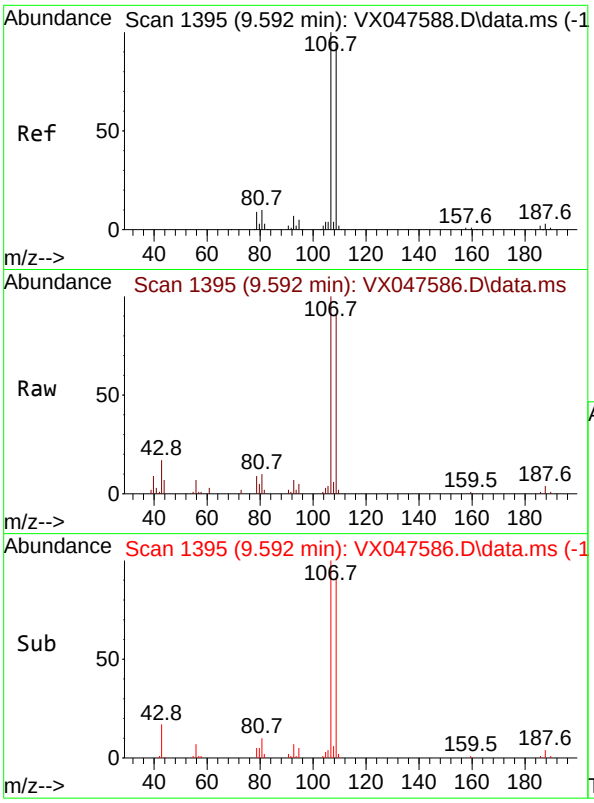


#60
Dibromochloromethane
Concen: 5.084 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:129 Resp: 14705

Ion	Ratio	Lower	Upper
129	100		
127	81.4	38.4	115.2

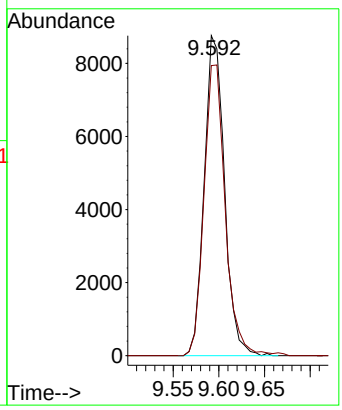




#61
1,2-Dibromoethane
Concen: 5.264 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:107 Resp: 1346

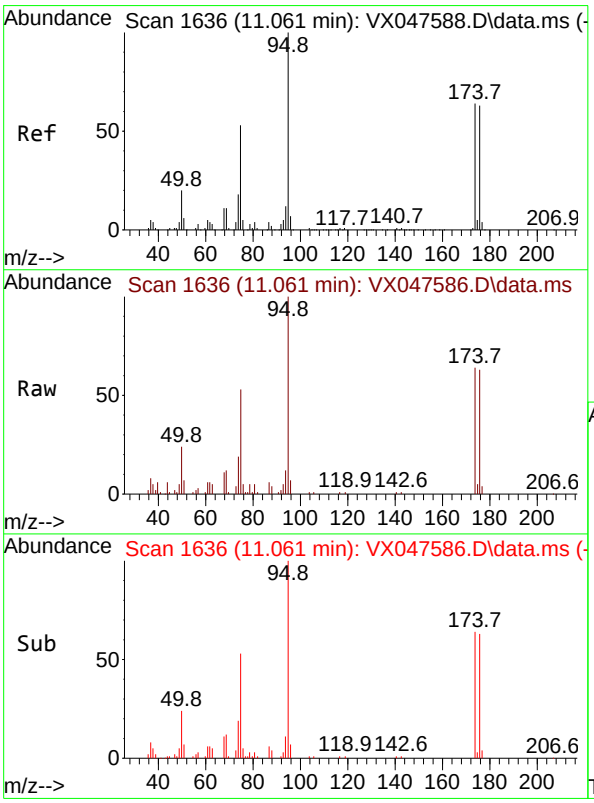
Ion	Ratio	Lower	Upper
107	100		
109	95.6	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

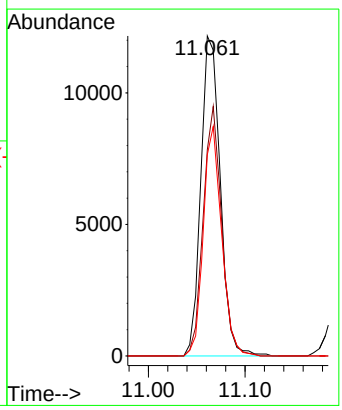
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

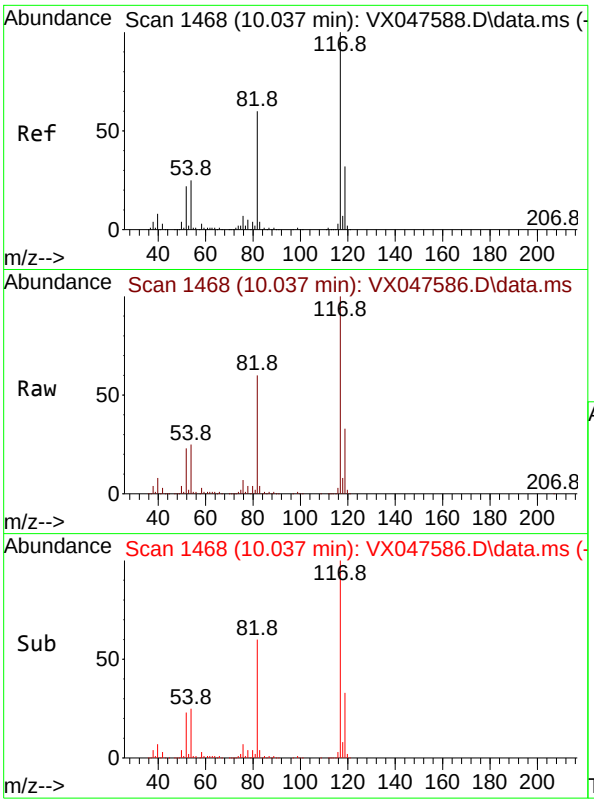


#62
4-Bromofluorobenzene
Concen: 5.429 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 95 Resp: 16974

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

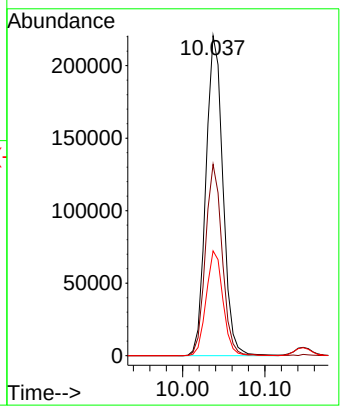




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:117 Resp: 31728

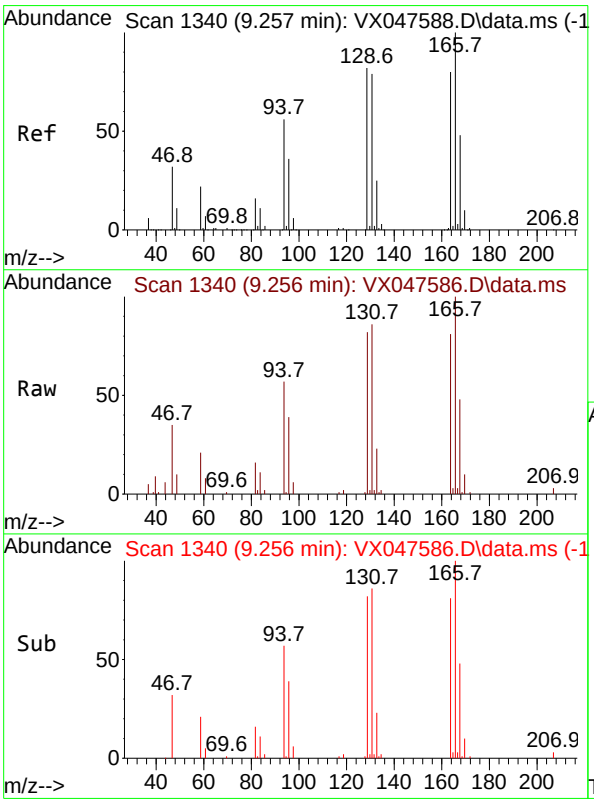
Ion	Ratio	Lower	Upper
117	100		
82	59.8	47.8	71.6
119	32.8	25.2	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

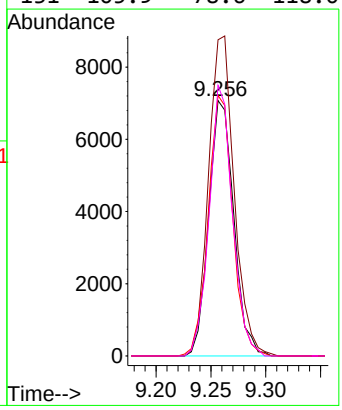
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

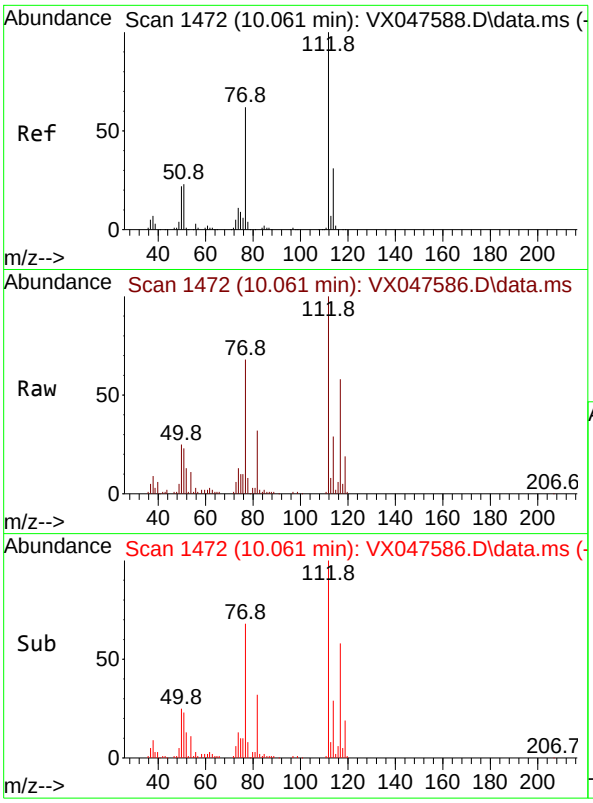


#64
Tetrachloroethene
Concen: 5.428 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:164 Resp: 11228

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





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

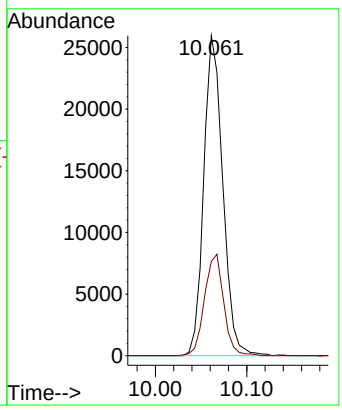
Tgt Ion:112 Resp: 3750

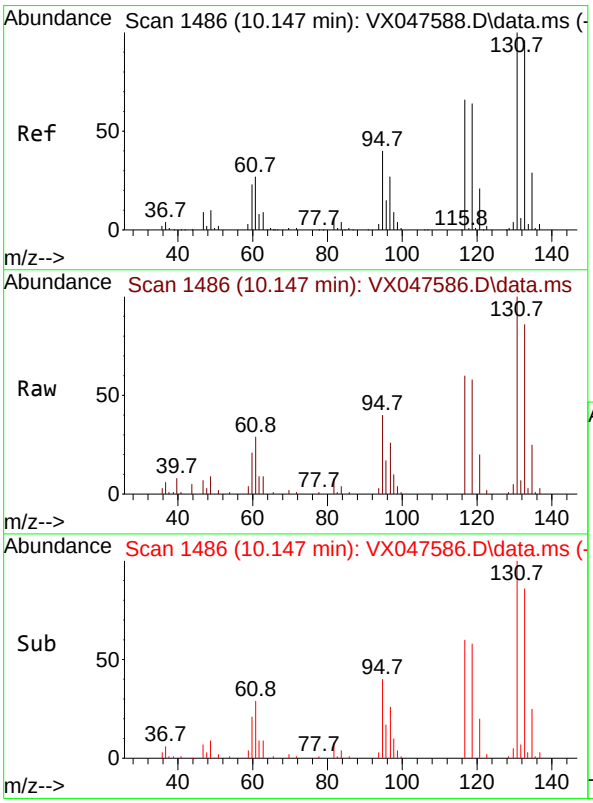
Ion	Ratio	Lower	Upper
112	100		
114	29.2	25.1	37.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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

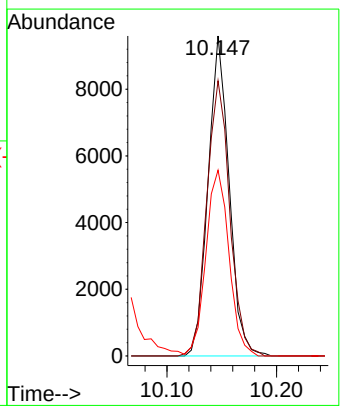


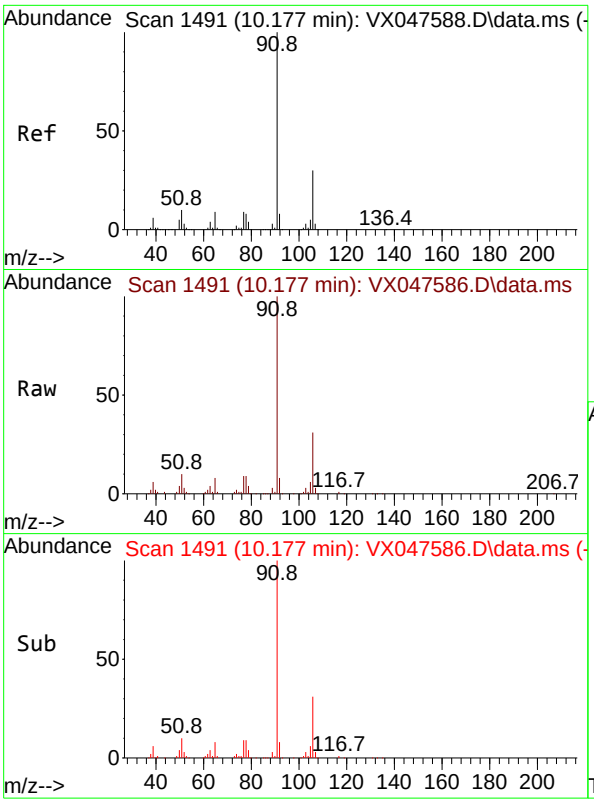


#66
1,1,1,2-Tetrachloroethane
Concen: 5.149 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:131 Resp: 12807

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

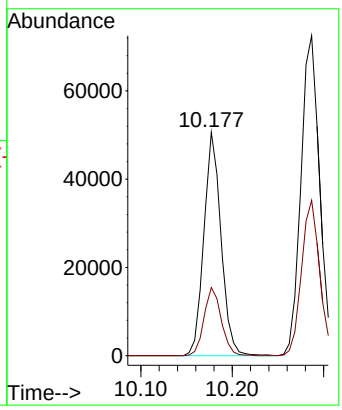




#67
Ethyl Benzene
Concen: 5.299 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 91 Resp: 6590

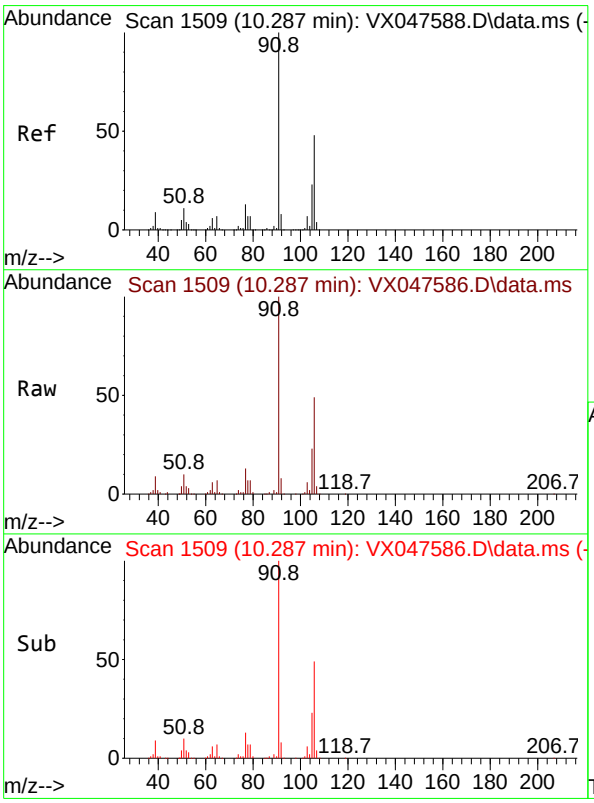
Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.3	36.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

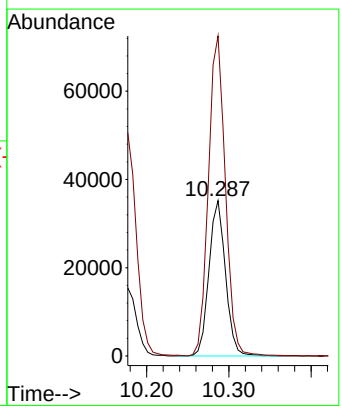
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

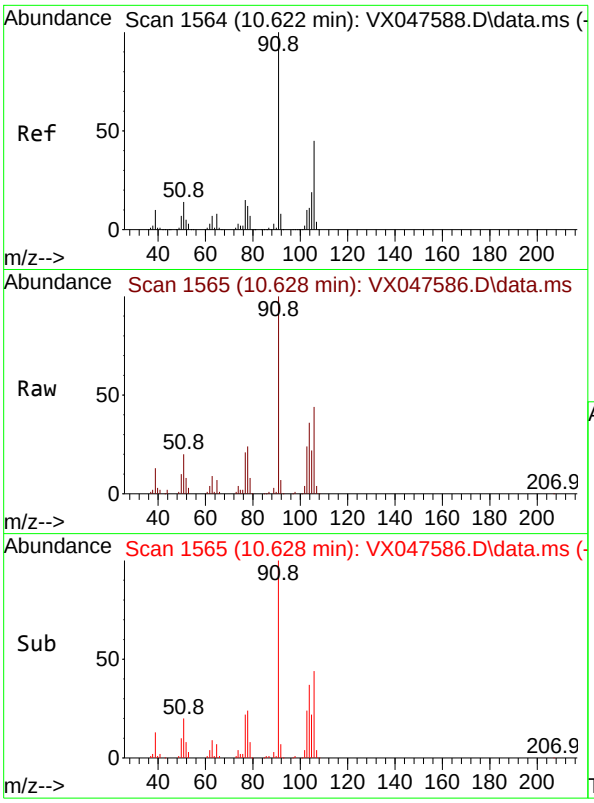


#68
m/p-Xylenes
Concen: 10.613 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:106 Resp: 49132

Ion	Ratio	Lower	Upper
106	100		
91	211.6	167.8	251.8

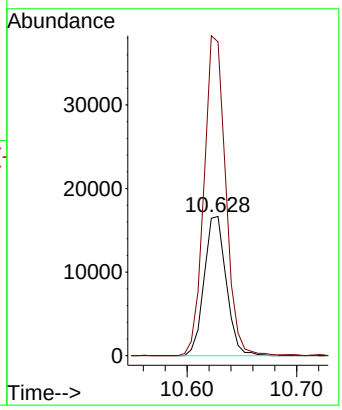




#69
o-Xylene
Concen: 5.204 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:106 Resp: 2330

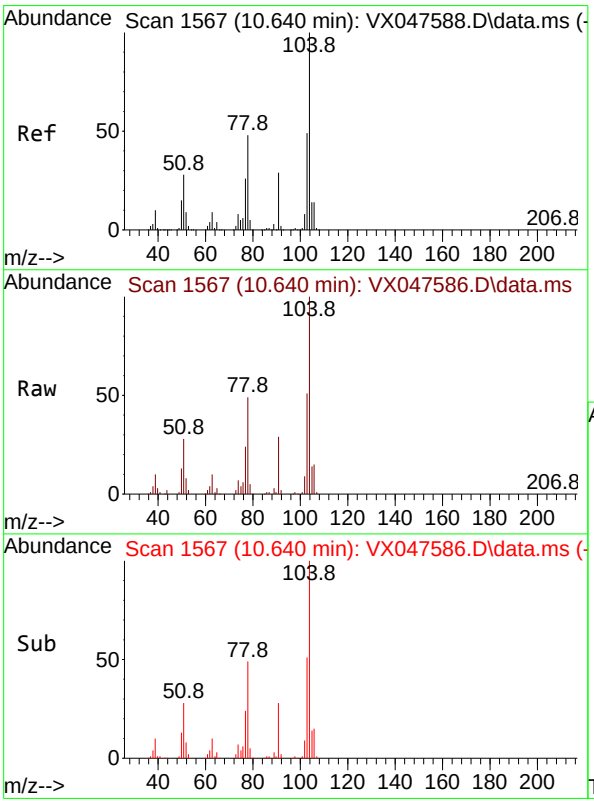
Ion	Ratio	Lower	Upper
106	100		
91	226.3	111.1	333.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

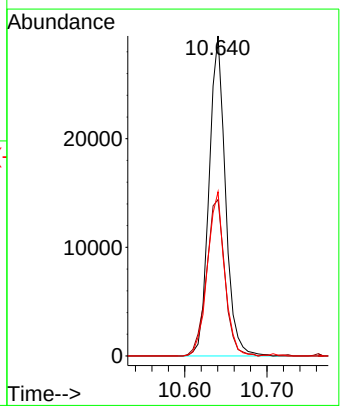
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

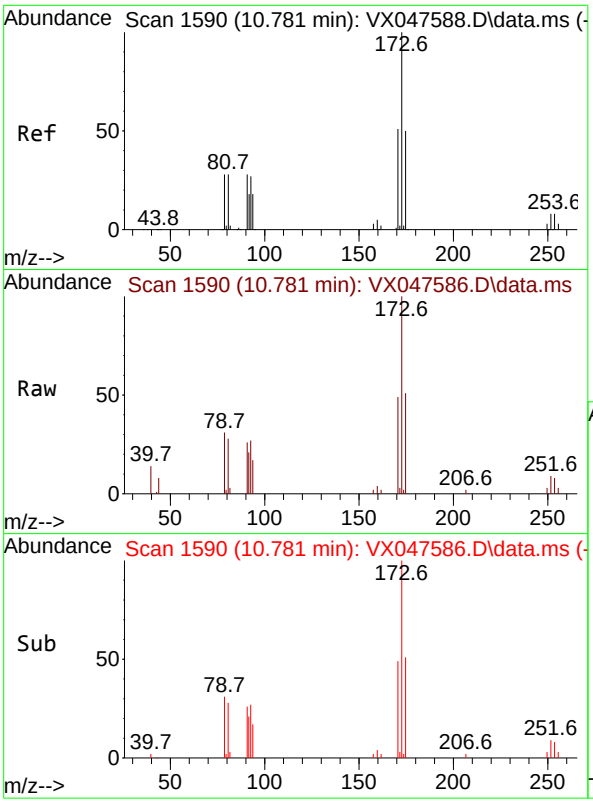


#70
Styrene
Concen: 5.210 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:104 Resp: 40872

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

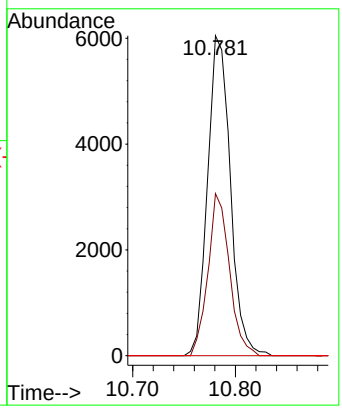




#71
Bromoform
Concen: 5.006 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:173 Resp: 929

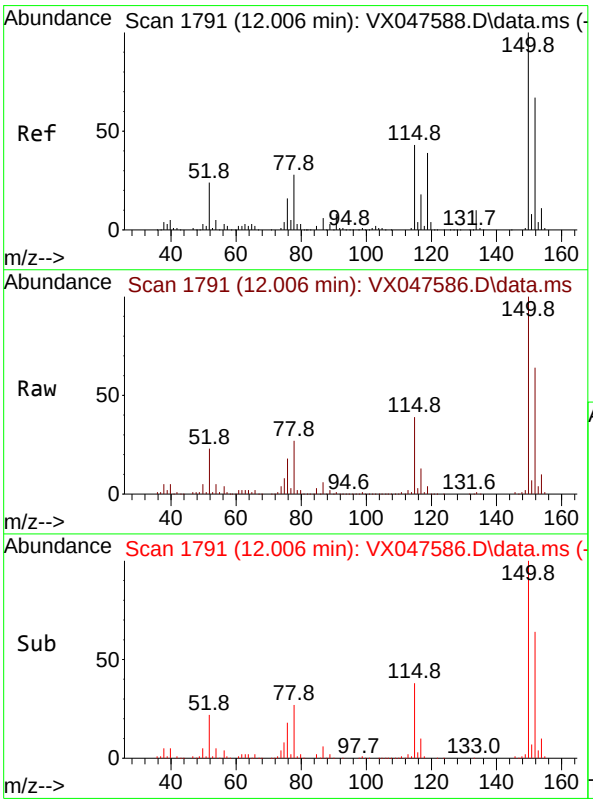
Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.9	74.6
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

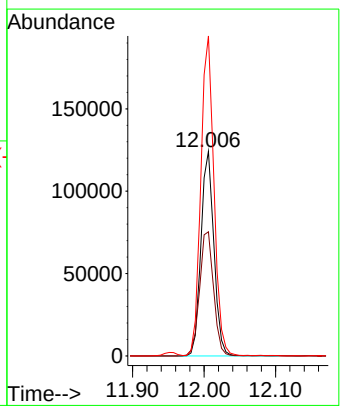
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

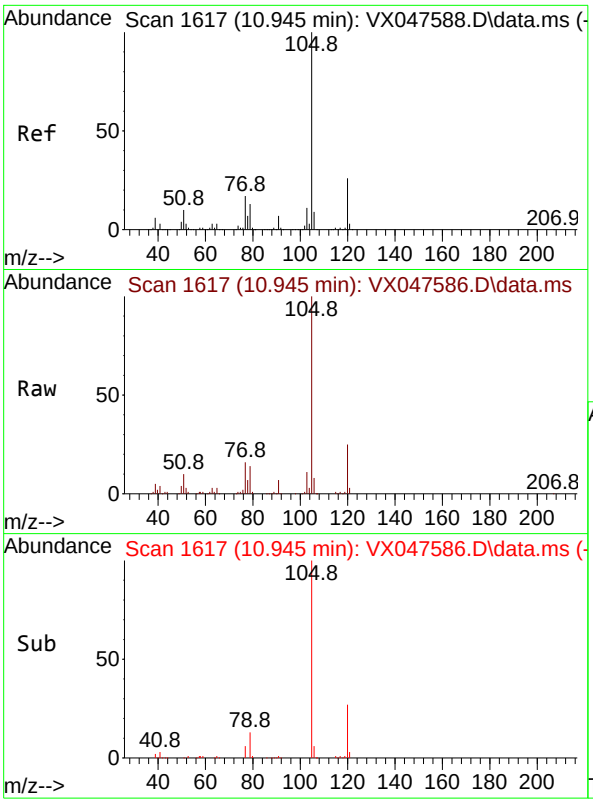


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:152 Resp: 156219

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

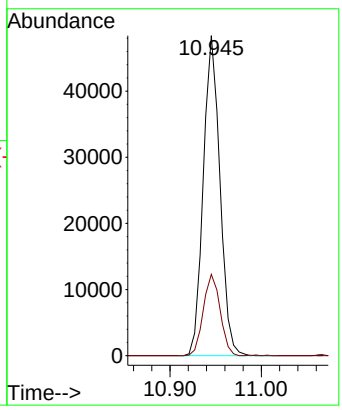




#73
Isopropylbenzene
Concen: 5.139 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:105 Resp: 6102

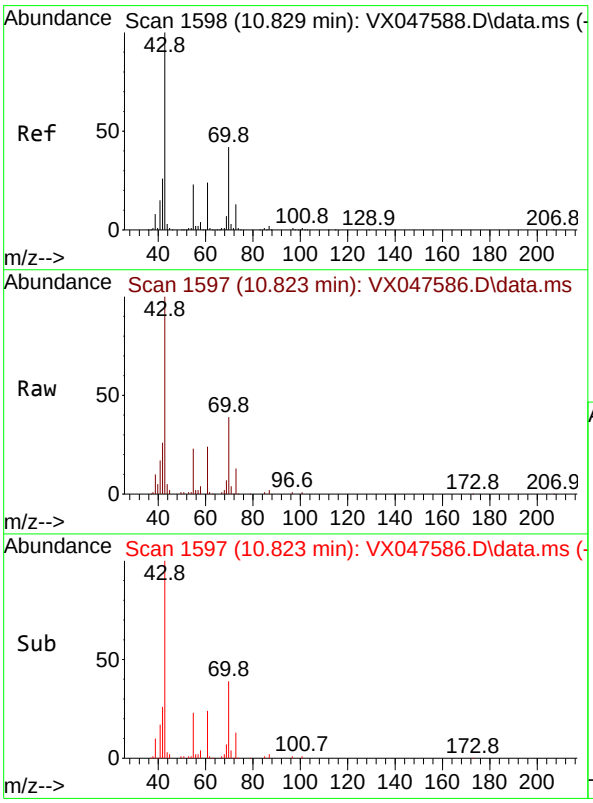
Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

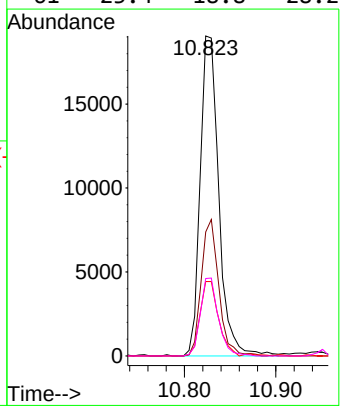
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

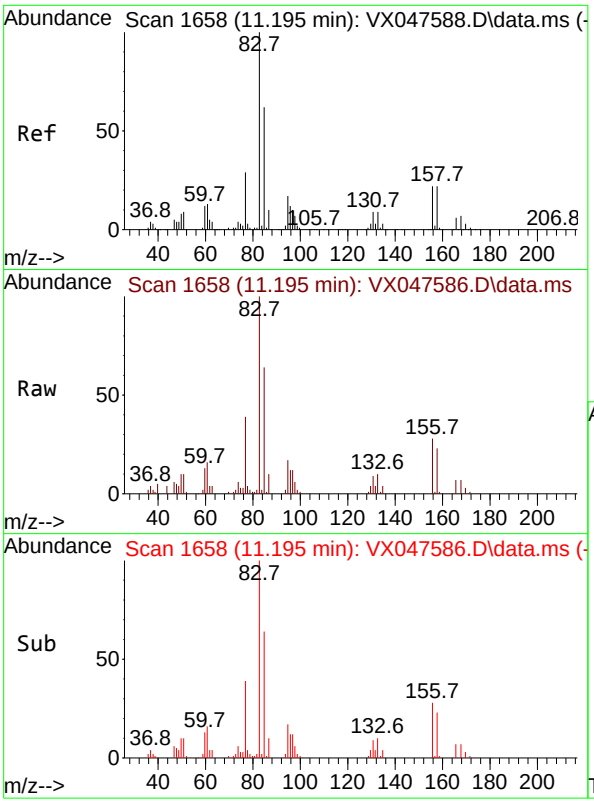


#74
N-amyl acetate
Concen: 4.980 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 26969

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





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

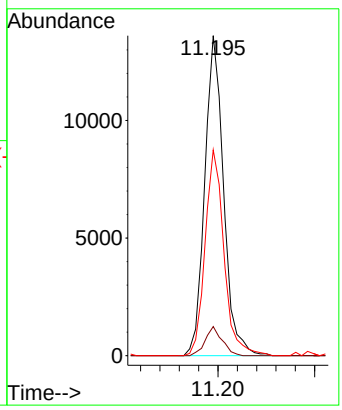
Tgt Ion: 83 Resp: 1846

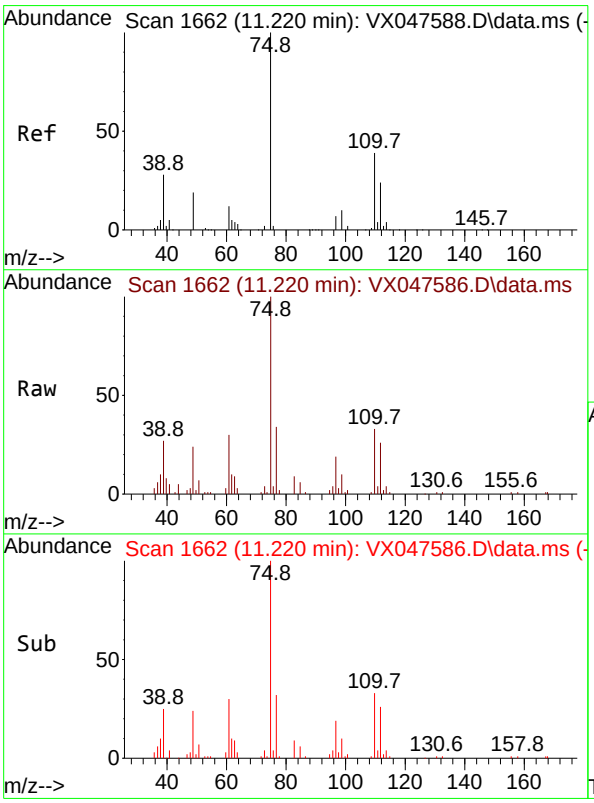
Ion	Ratio	Lower	Upper
83	100		
131	8.2	5.0	14.9
85	64.4	31.6	95.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

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

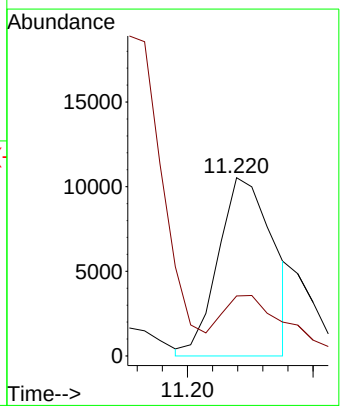


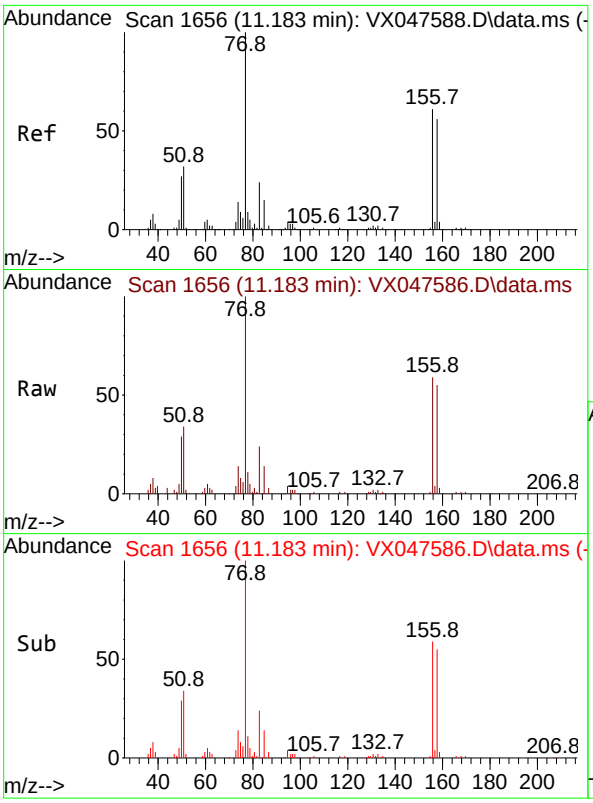


#76
1,2,3-Trichloropropane
Concen: 4.927 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 75 Resp: 15982

Ion	Ratio	Lower	Upper
75	100		
77	40.6	18.8	56.4

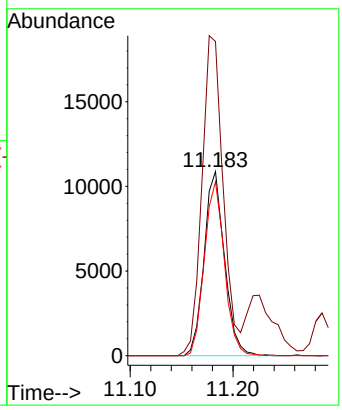




#77
Bromobenzene
Concen: 5.150 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:156 Resp: 1506

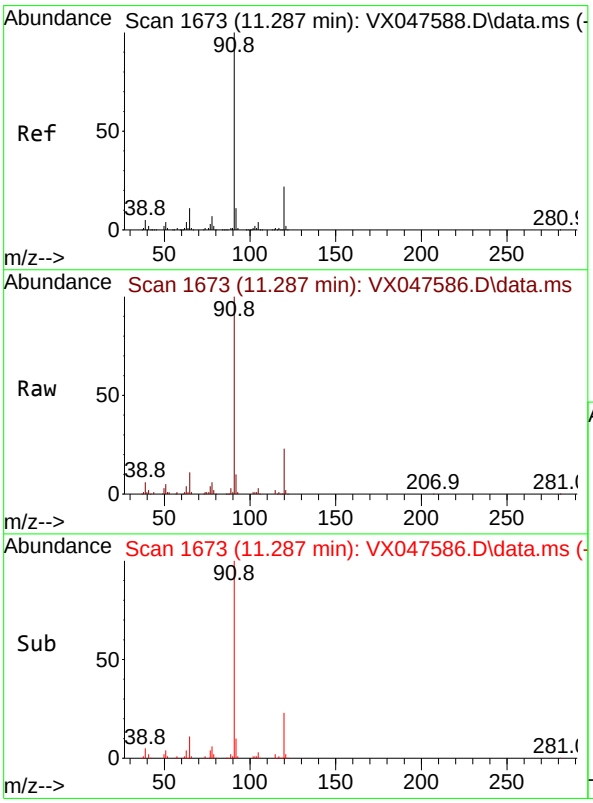
Ion	Ratio	Lower	Upper
156	100		
77	180.3	89.7	269.1
158	92.6	47.9	143.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

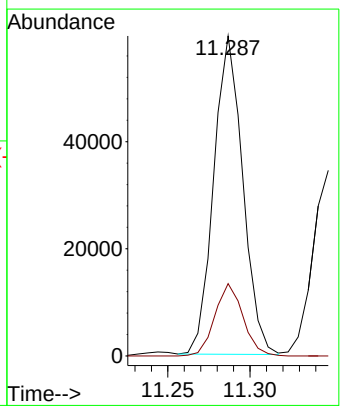
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

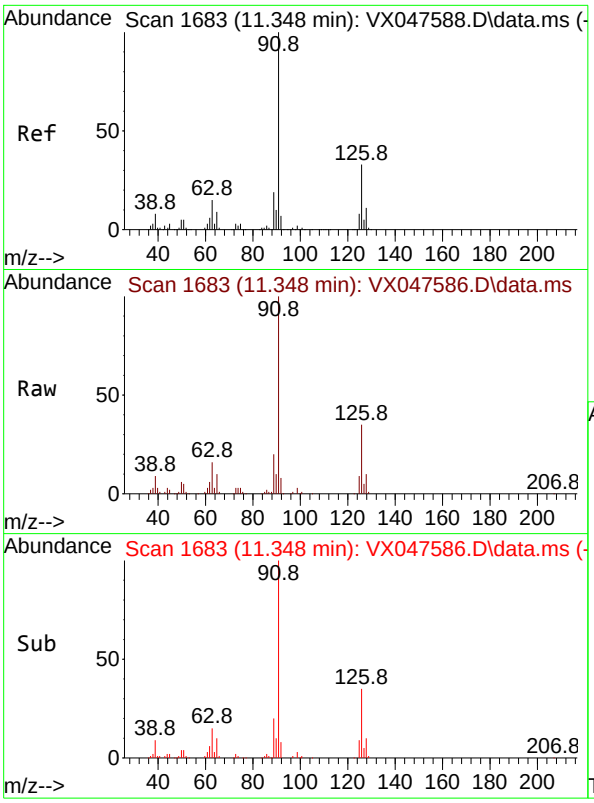


#78
n-propylbenzene
Concen: 5.192 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 91 Resp: 72900

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.1	33.1

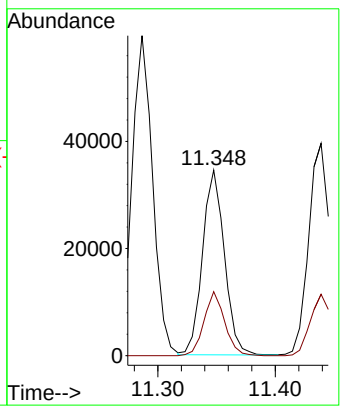




#79
2-Chlorotoluene
Concen: 5.194 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 91 Resp: 4466

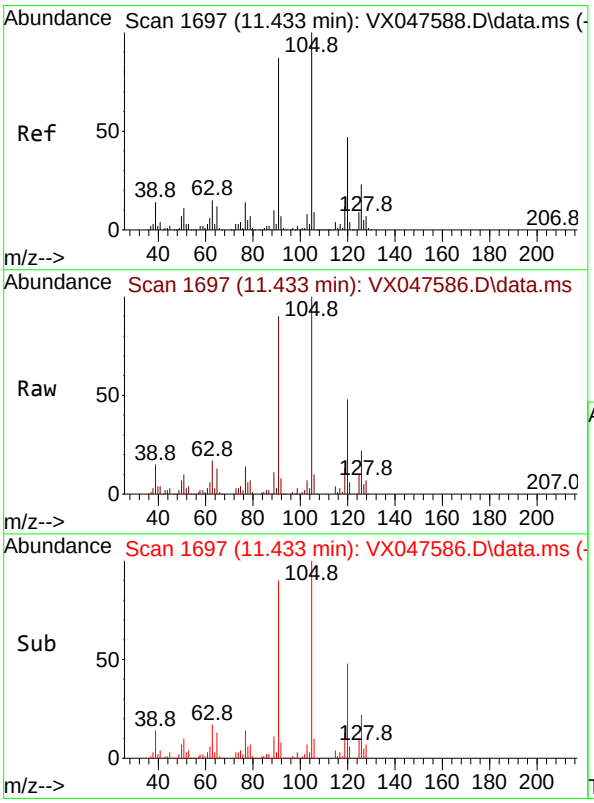
Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.1	48.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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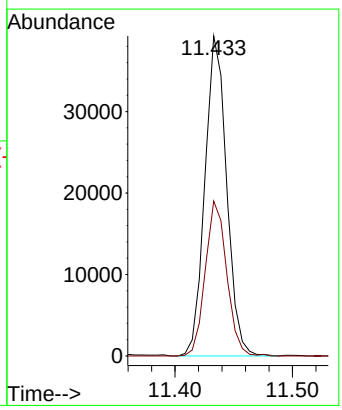
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

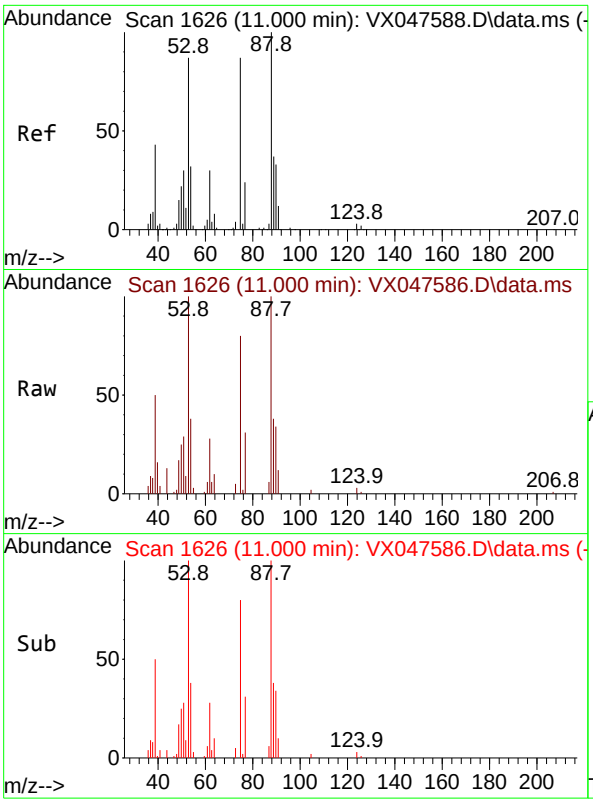


#80
1,3,5-Trimethylbenzene
Concen: 5.179 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:105 Resp: 50535

Ion	Ratio	Lower	Upper
105	100		
120	47.7	23.6	70.8

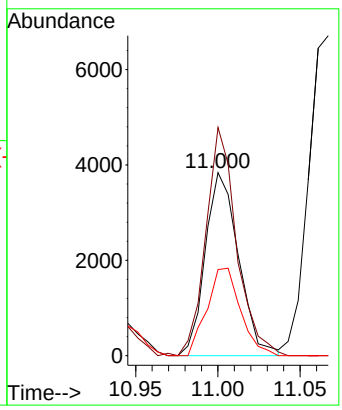




#81
trans-1,4-Dichloro-2-butene
Concen: 4.364 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 75 Resp: 541

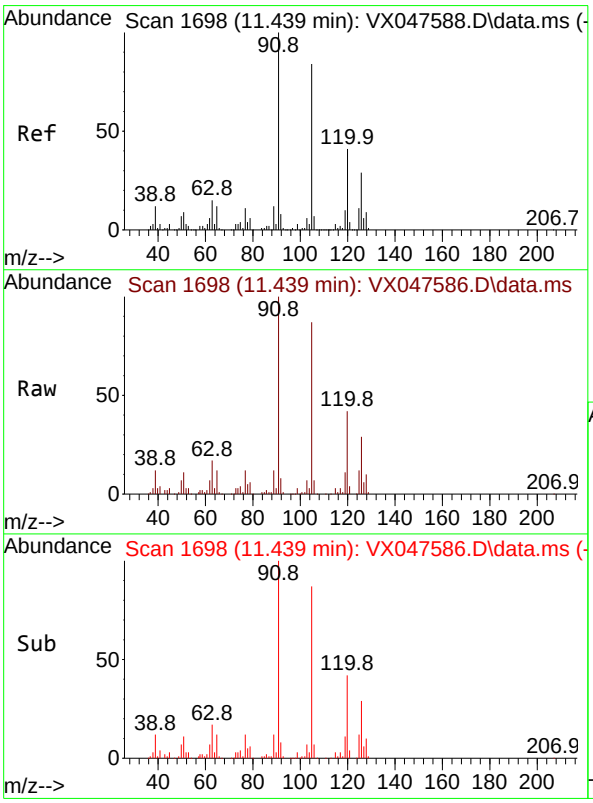
Ion	Ratio	Lower	Upper
75	100		
53	114.9	83.4	125.2
89	48.3	36.3	54.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

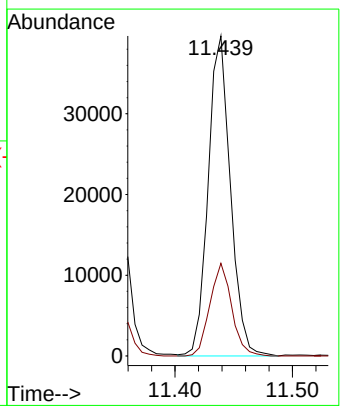
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

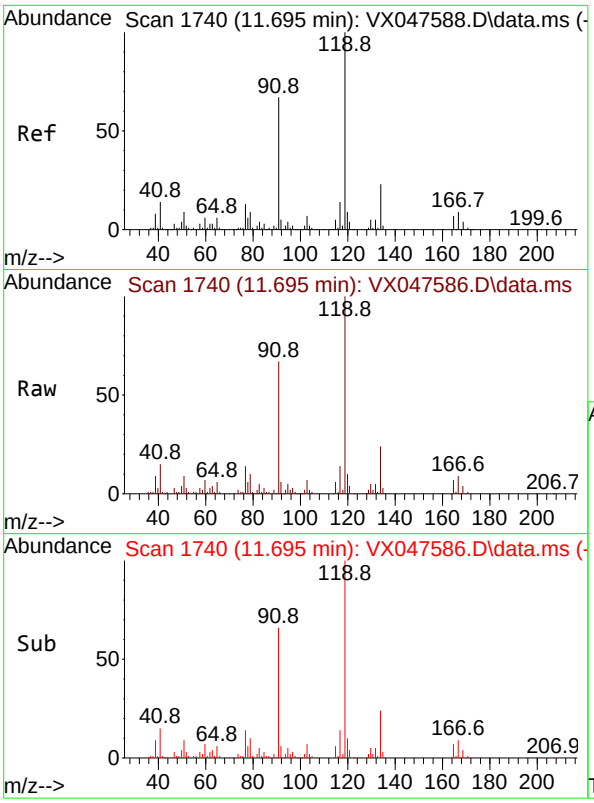


#82
4-Chlorotoluene
Concen: 5.149 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 91 Resp: 52294

Ion	Ratio	Lower	Upper
91	100		
126	28.3	14.2	42.6

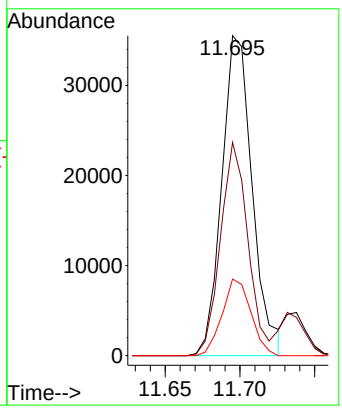




#83
tert-Butylbenzene
Concen: 5.041 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:119 Resp: 5035

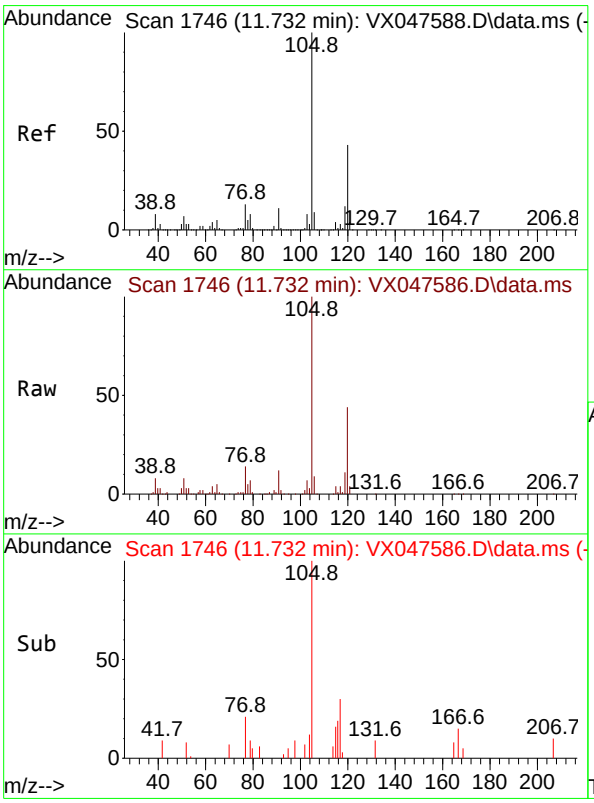
Ion	Ratio	Lower	Upper
119	100		
91	60.1	29.6	88.8
134	22.7	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

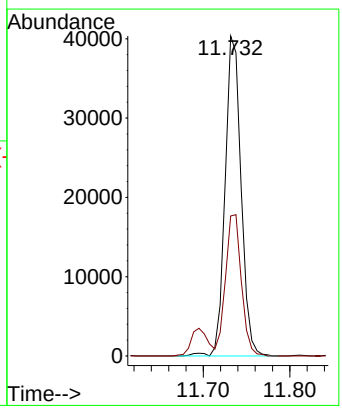
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

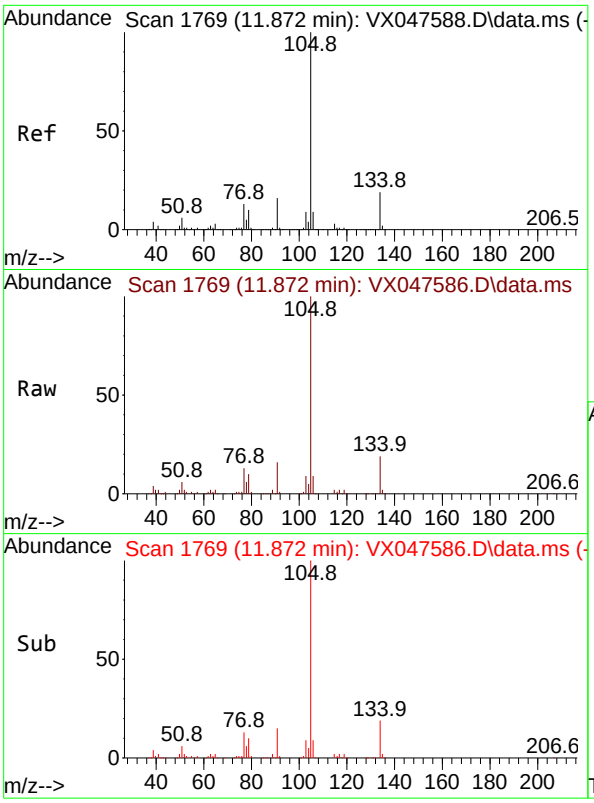


#84
1,2,4-Trimethylbenzene
Concen: 5.214 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:105 Resp: 51583

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.1

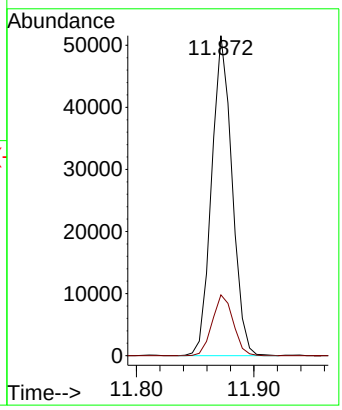




#85
sec-Butylbenzene
Concen: 5.268 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:105 Resp: 6250

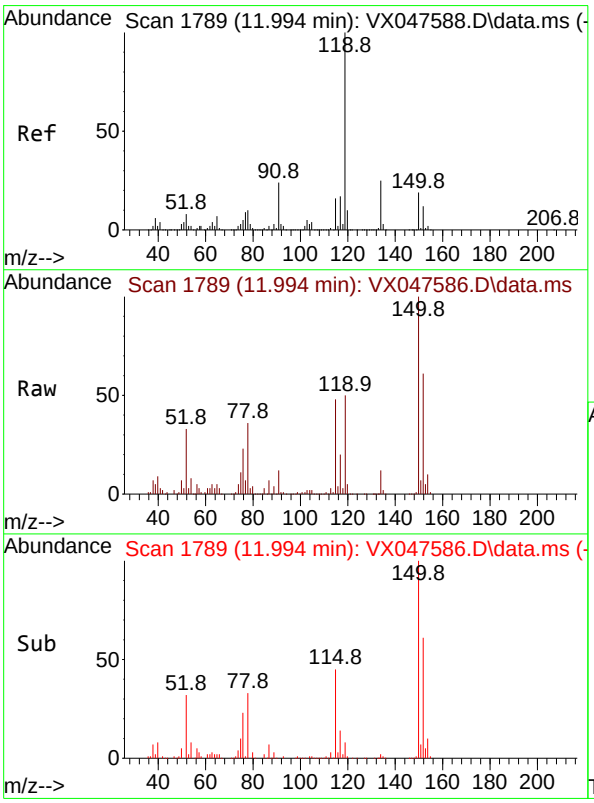
Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

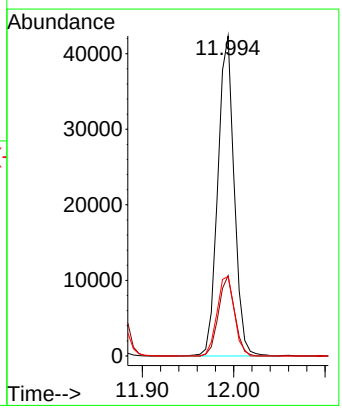
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

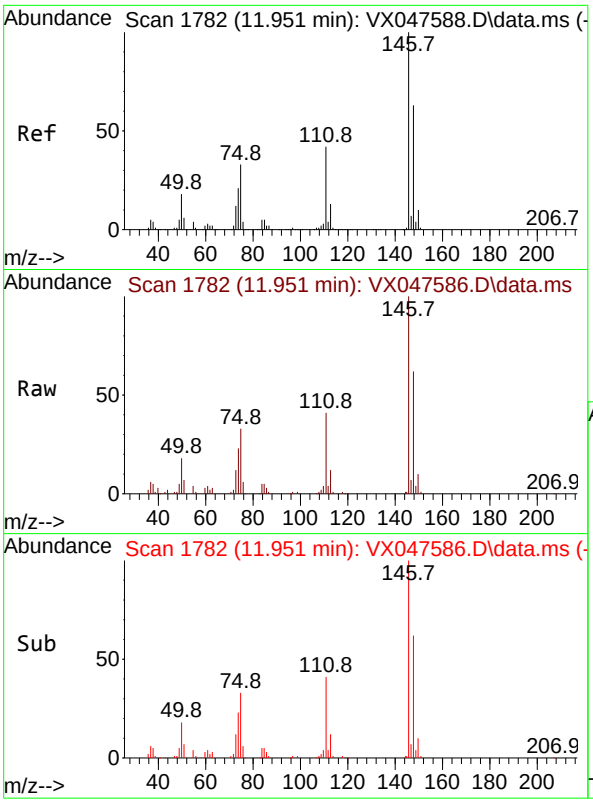


#86
p-Isopropyltoluene
Concen: 5.244 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:119 Resp: 52674

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

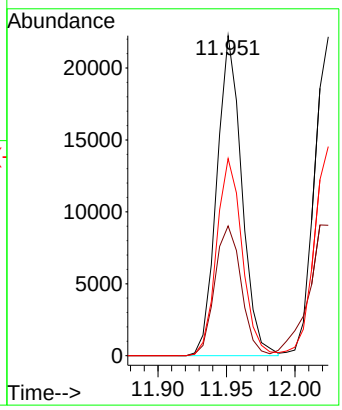




#87
1,3-Dichlorobenzene
Concen: 5.175 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:146 Resp: 2811

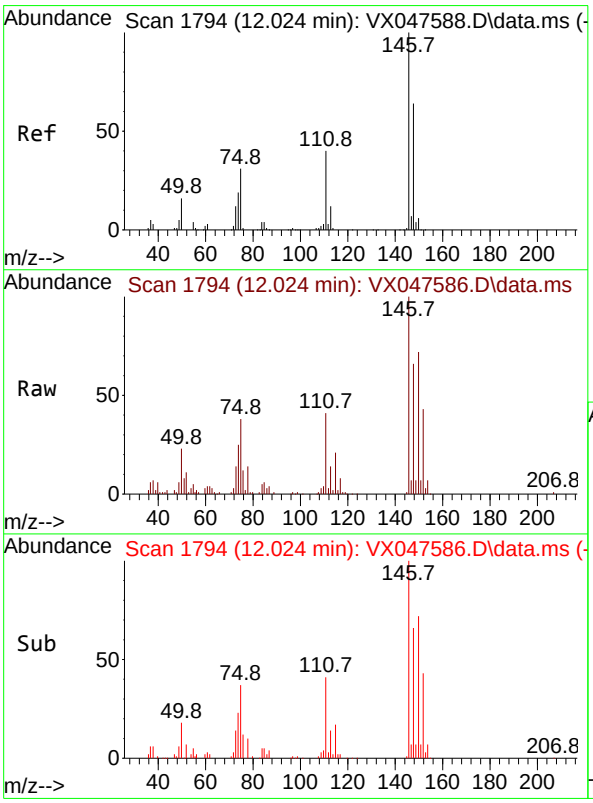
Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.5	64.5
148	63.4	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

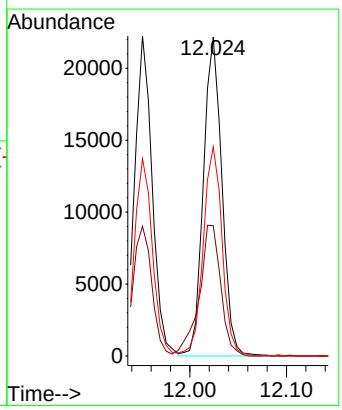
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

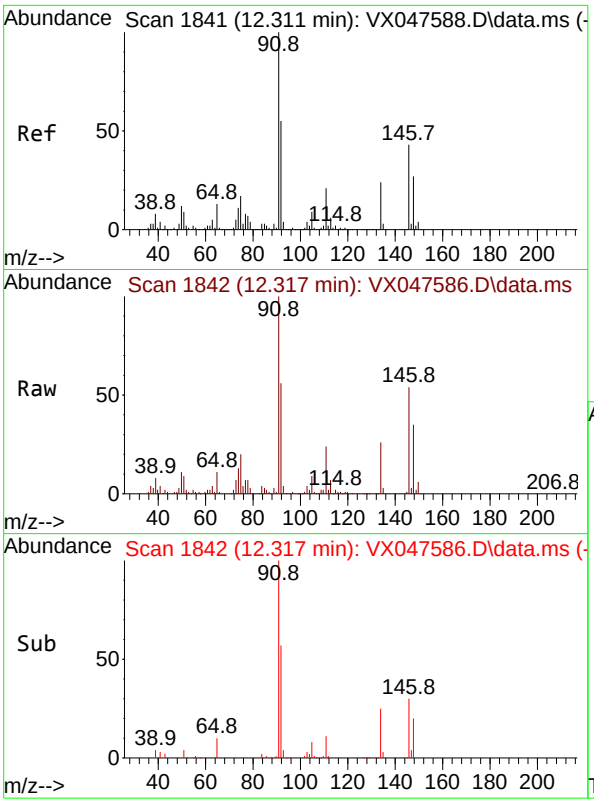


#88
1,4-Dichlorobenzene
Concen: 5.294 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:146 Resp: 29519

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

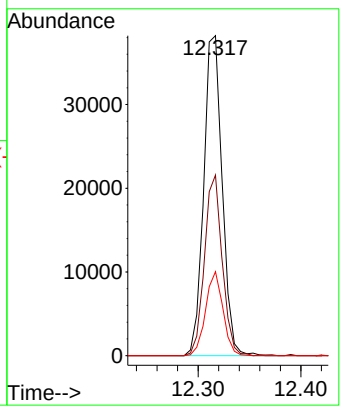




#89
n-Butylbenzene
Concen: 5.159 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 91 Resp: 4795

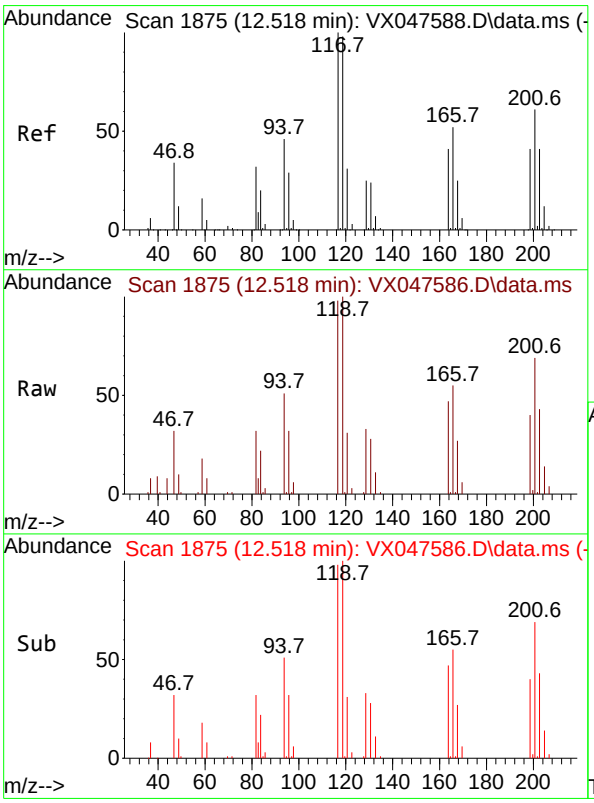
Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.6	82.7
134	24.6	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

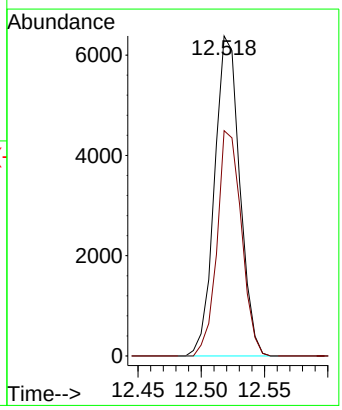
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

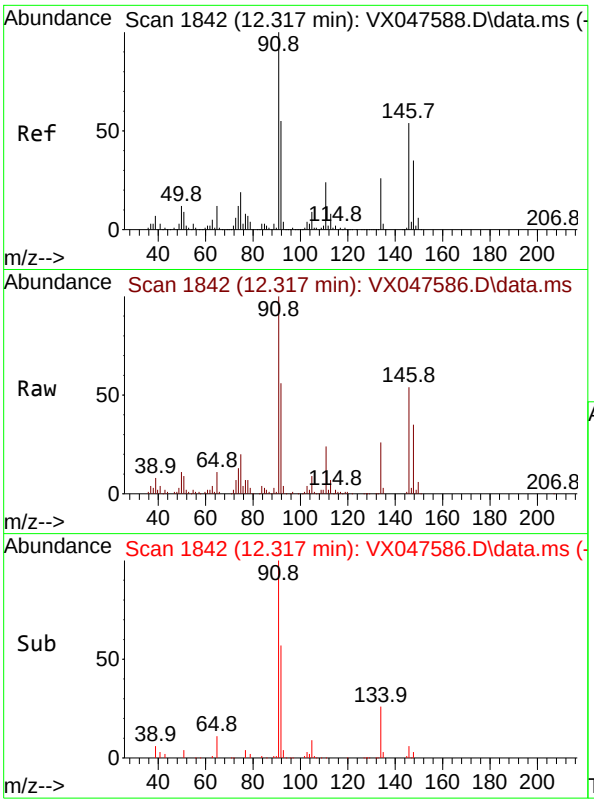


#90
Hexachloroethane
Concen: 5.007 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:117 Resp: 8830

Ion	Ratio	Lower	Upper
117	100		
201	67.9	34.2	102.5

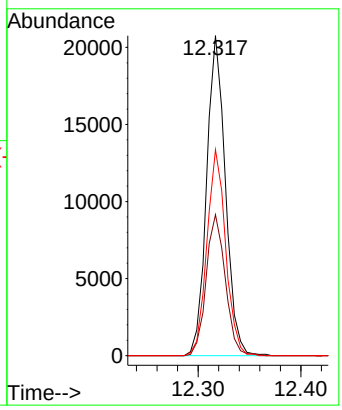




#91
1,2-Dichlorobenzene
Concen: 5.102 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:146 Resp: 2640

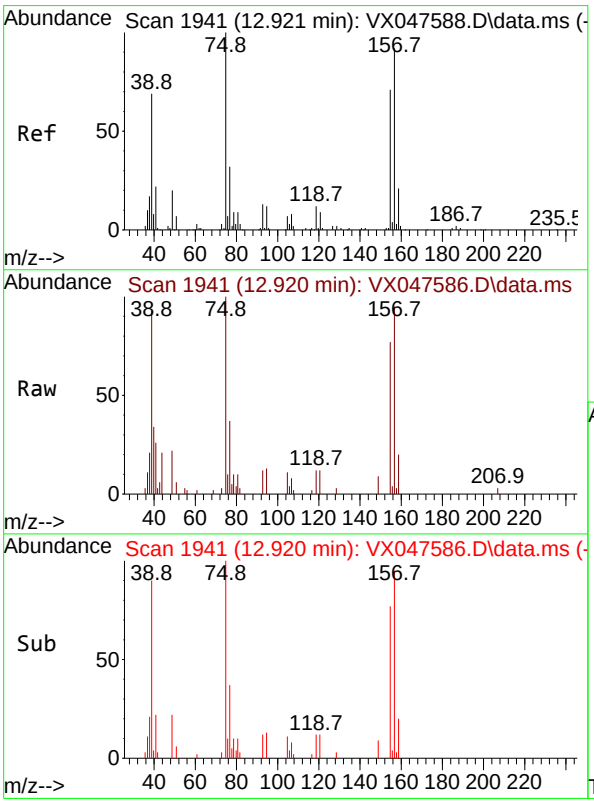
Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.2	66.6
148	64.2	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

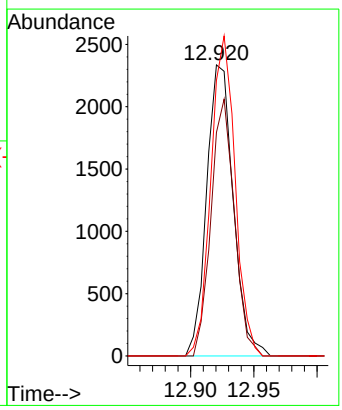
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

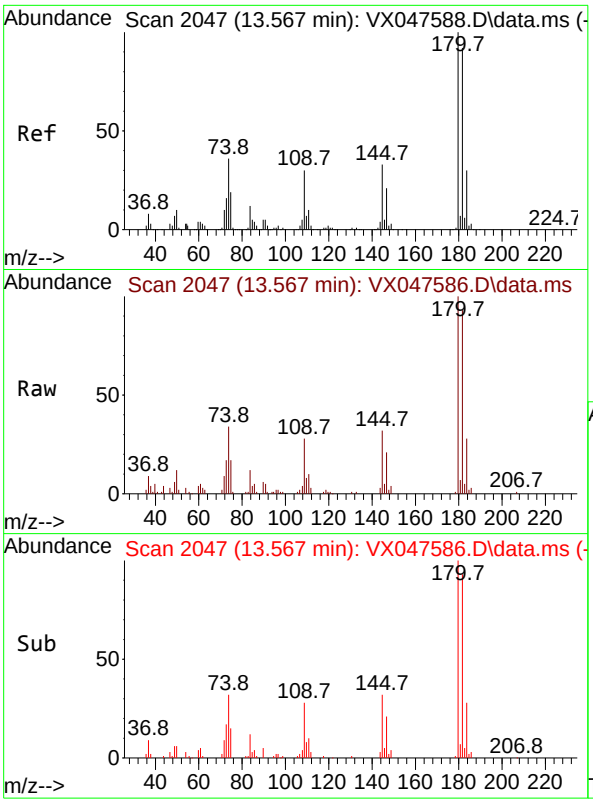


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.690 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 75 Resp: 3412

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

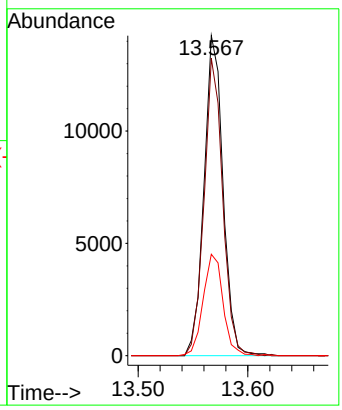




#93
1,2,4-Trichlorobenzene
Concen: 5.103 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:180 Resp: 1716

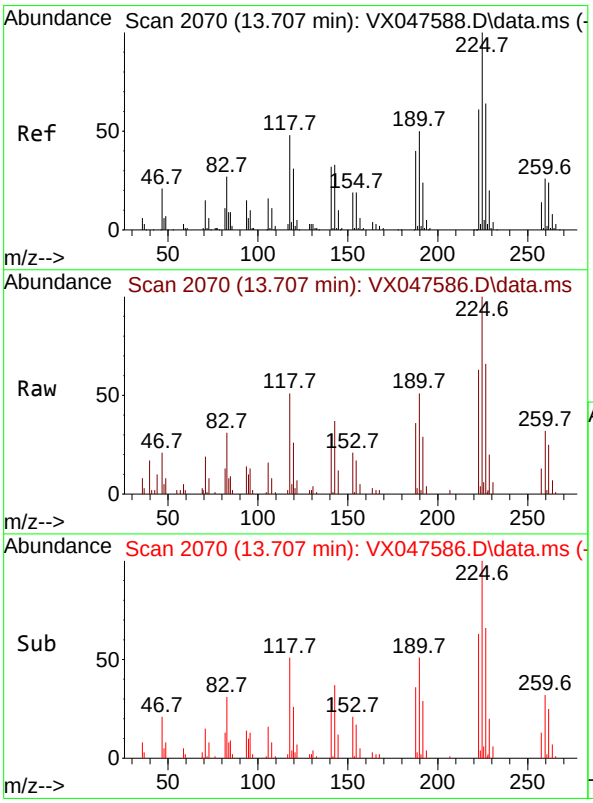
Ion	Ratio	Lower	Upper
180	100		
182	91.2	46.6	139.8
145	33.2	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

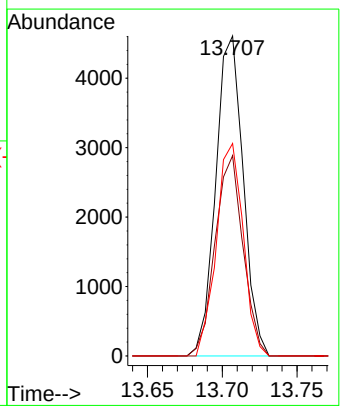
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

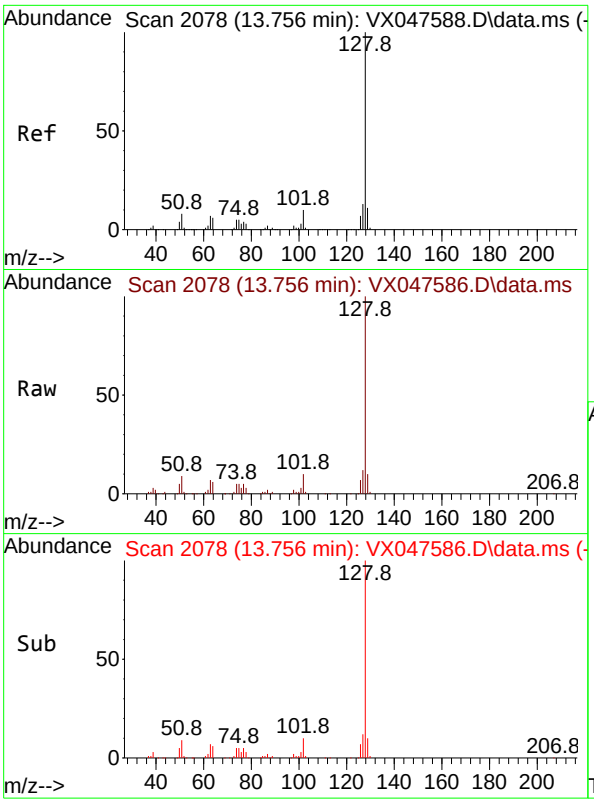


#94
Hexachlorobutadiene
Concen: 5.158 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:225 Resp: 5894

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

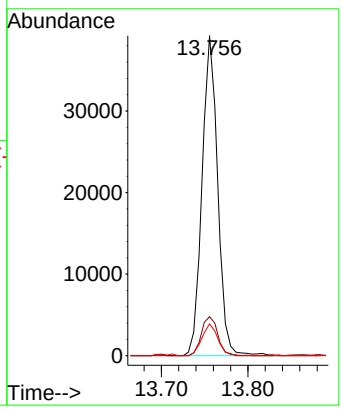




#95
Naphthalene
Concen: 4.808 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:128 Resp: 4925

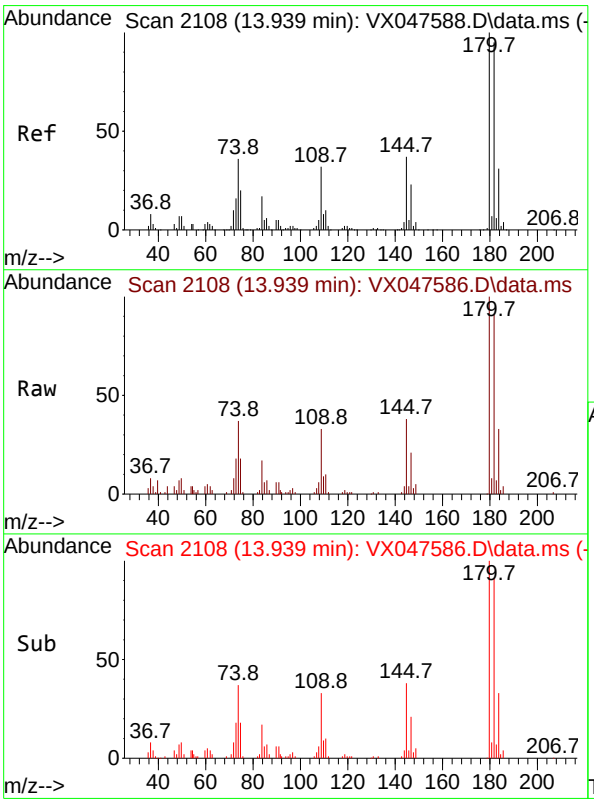
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.1	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

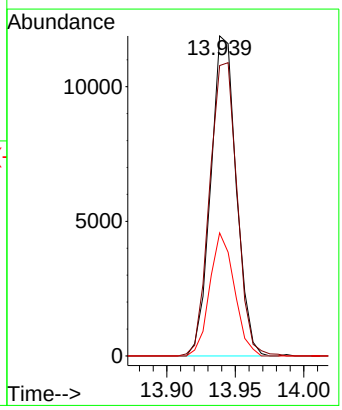
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



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

Tgt Ion:180 Resp: 15400

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



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

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

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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

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

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

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

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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

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

ICAL Form

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

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

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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

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

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

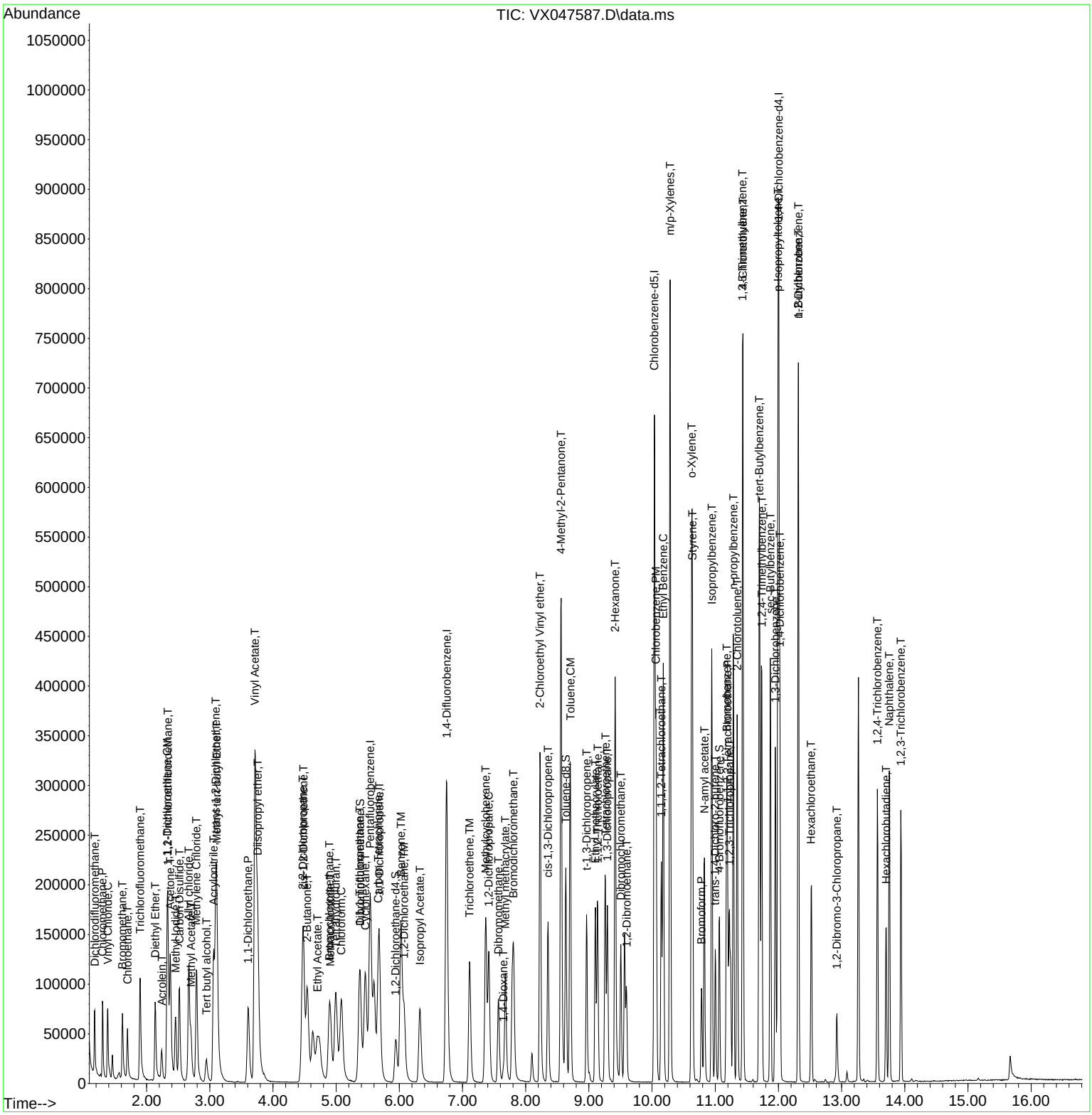
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047587.D
Acq On : 16 Sep 2025 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

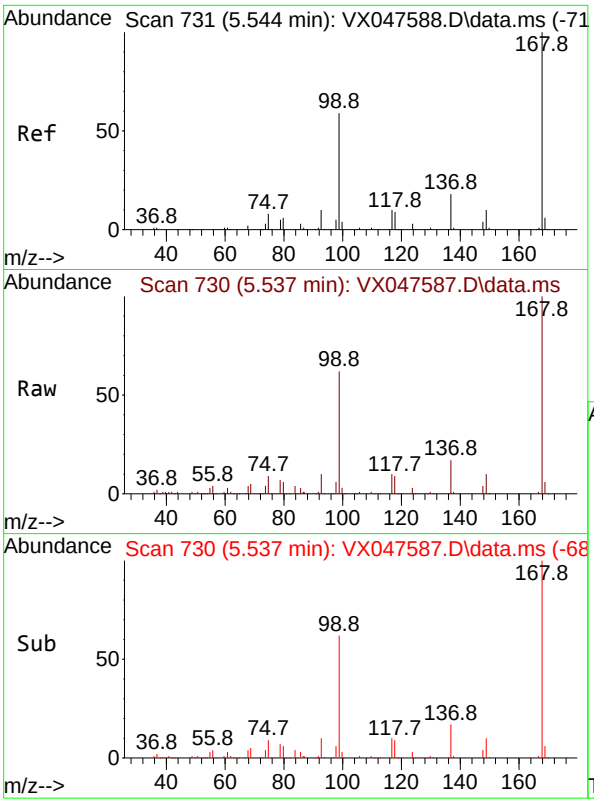
Quant Time: Sep 17 06:12:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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

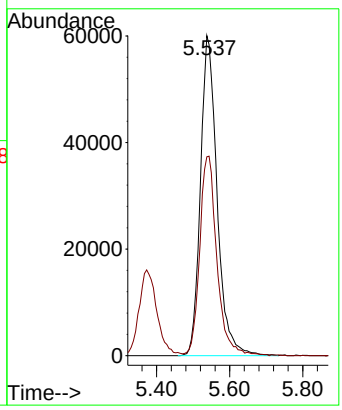




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:168 Resp: 18955

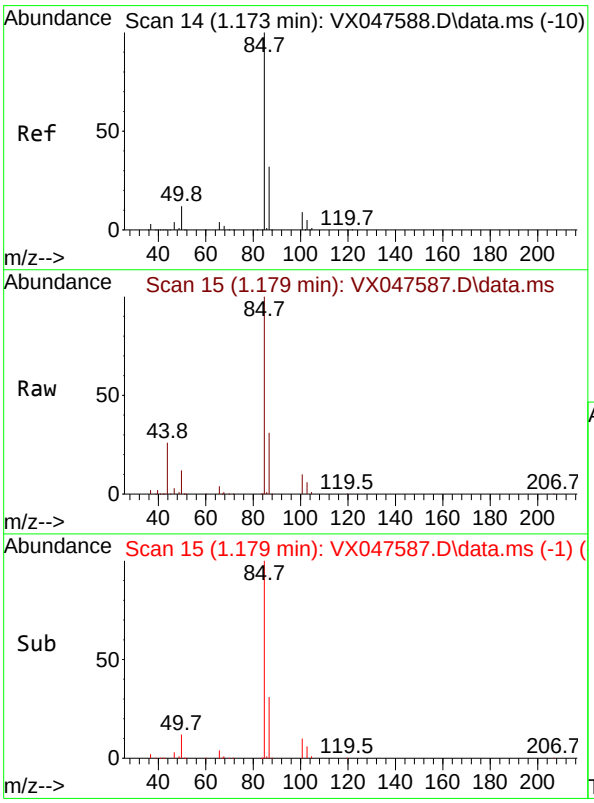
Ion	Ratio	Lower	Upper
168	100		
99	61.9	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

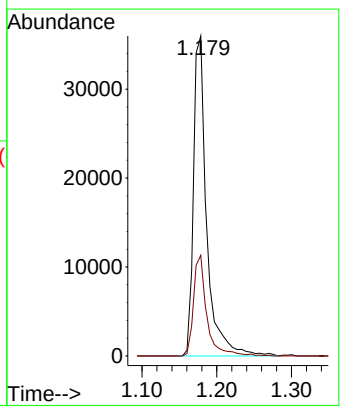
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

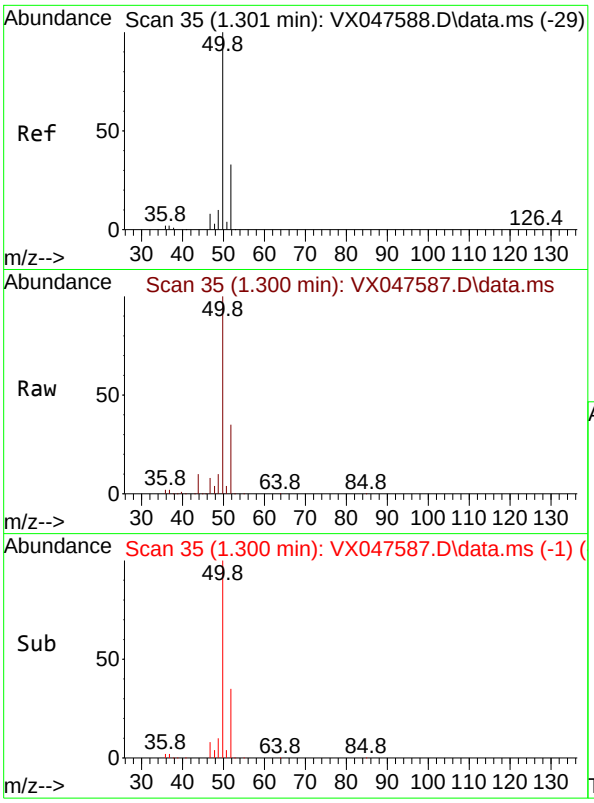


#2
Dichlorodifluoromethane
Concen: 22.480 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 85 Resp: 44126

Ion	Ratio	Lower	Upper
85	100		
87	31.5	15.8	47.3

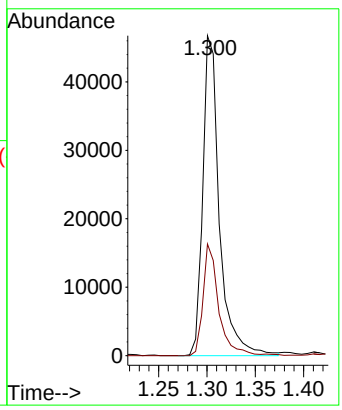




#3
Chloromethane
Concen: 21.716 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 50 Resp: 5602

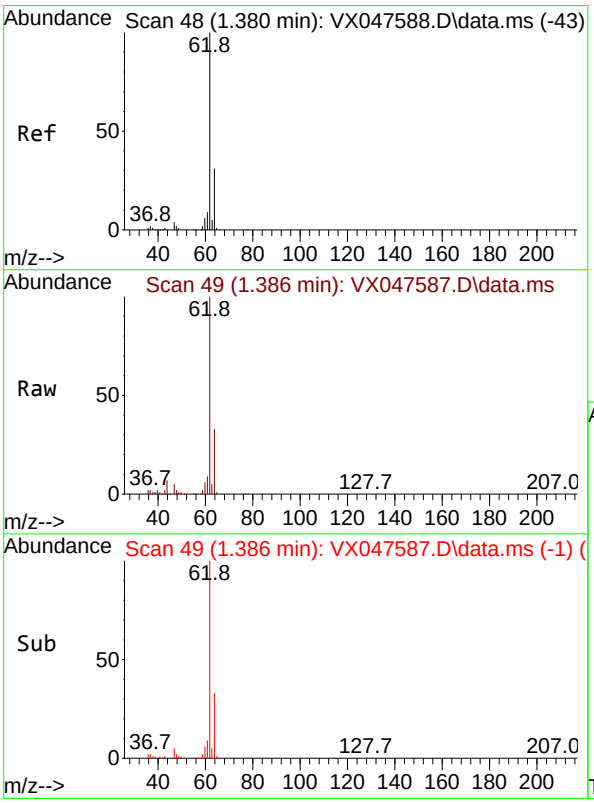
Ion	Ratio	Lower	Upper
50	100		
52	34.9	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

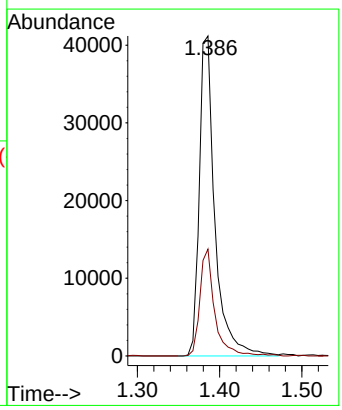
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

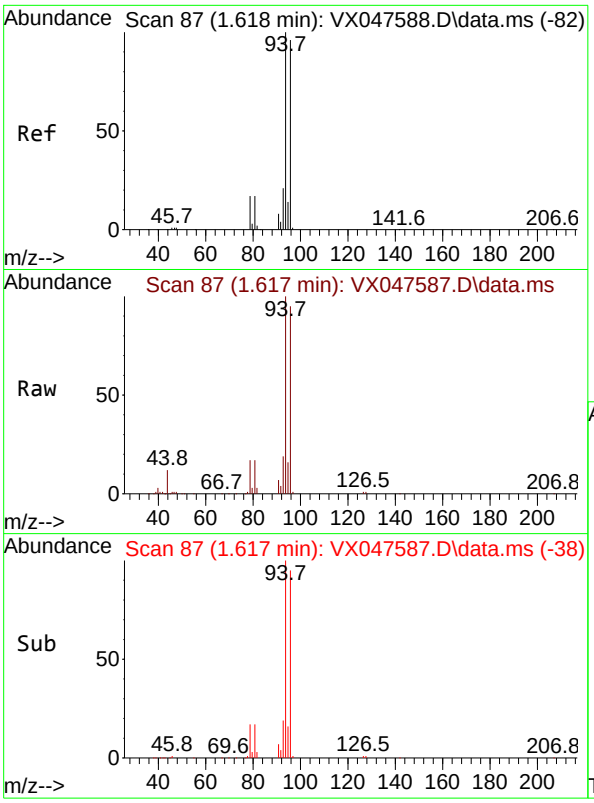


#4
Vinyl Chloride
Concen: 21.485 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 62 Resp: 54256

Ion	Ratio	Lower	Upper
62	100		
64	33.4	24.9	37.3

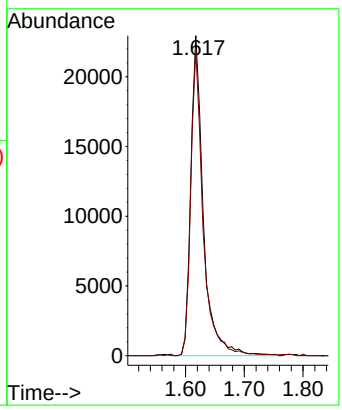




#5
Bromomethane
Concen: 21.353 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 94 Resp: 3419

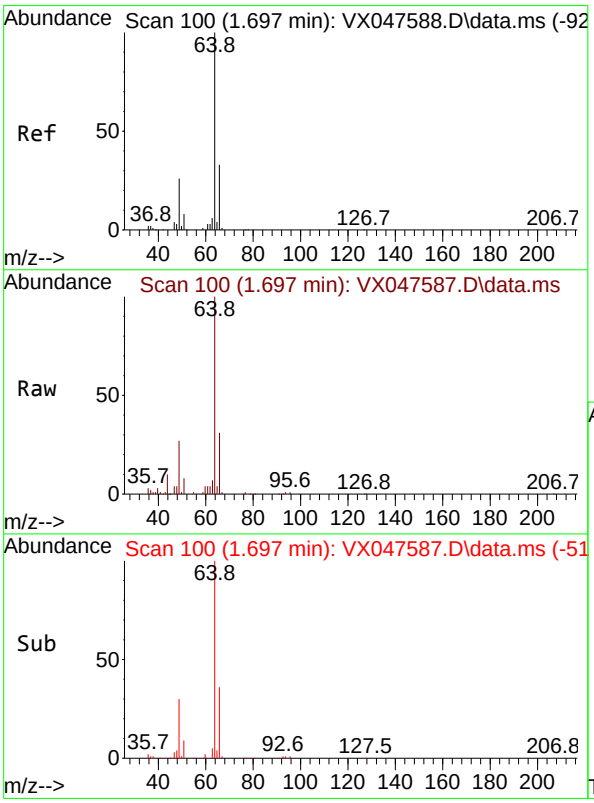
Ion	Ratio	Lower	Upper
94	100		
96	95.3	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

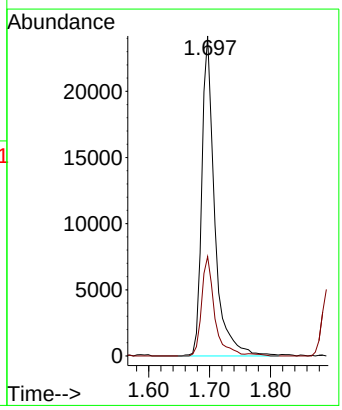
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

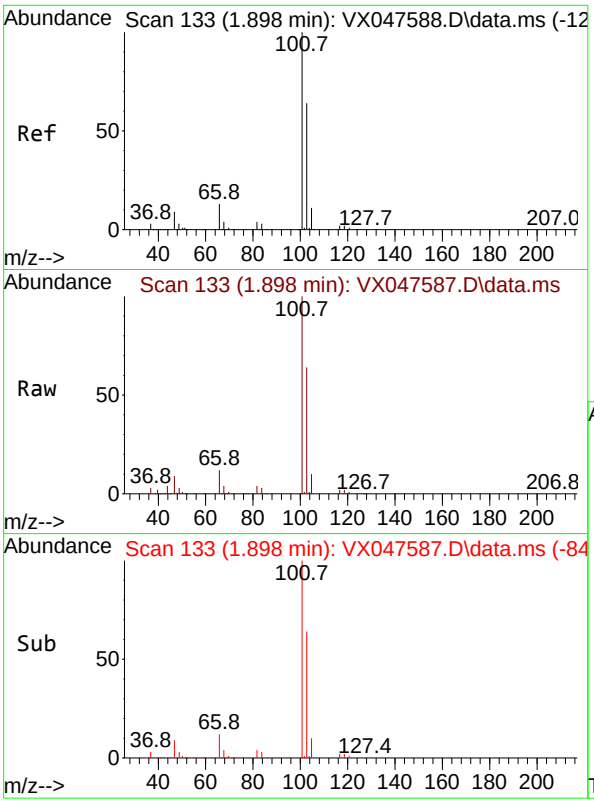


#6
Chloroethane
Concen: 21.063 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 64 Resp: 35551

Ion	Ratio	Lower	Upper
64	100		
66	31.0	26.1	39.1

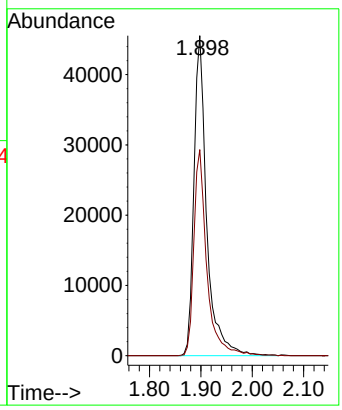




#7
Trichlorofluoromethane
Concen: 20.980 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:101 Resp: 7866

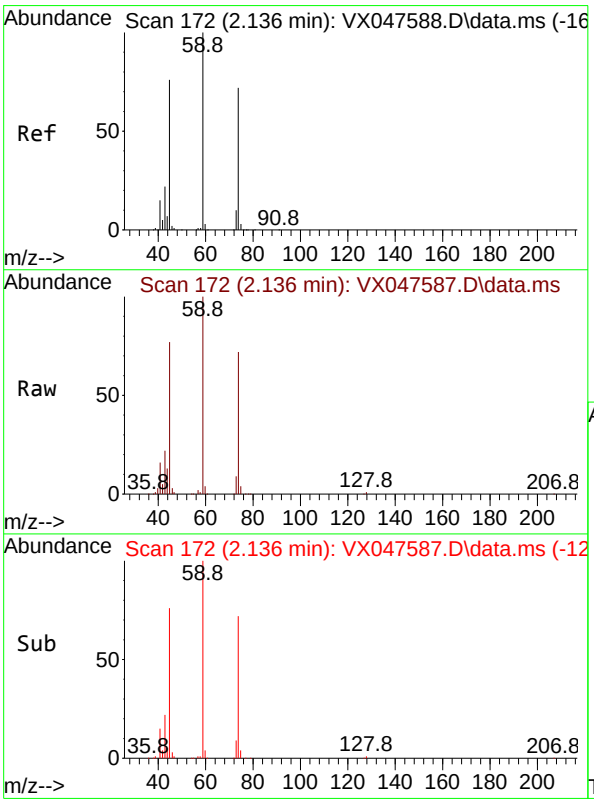
Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

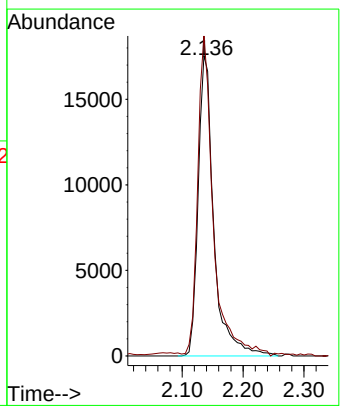
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

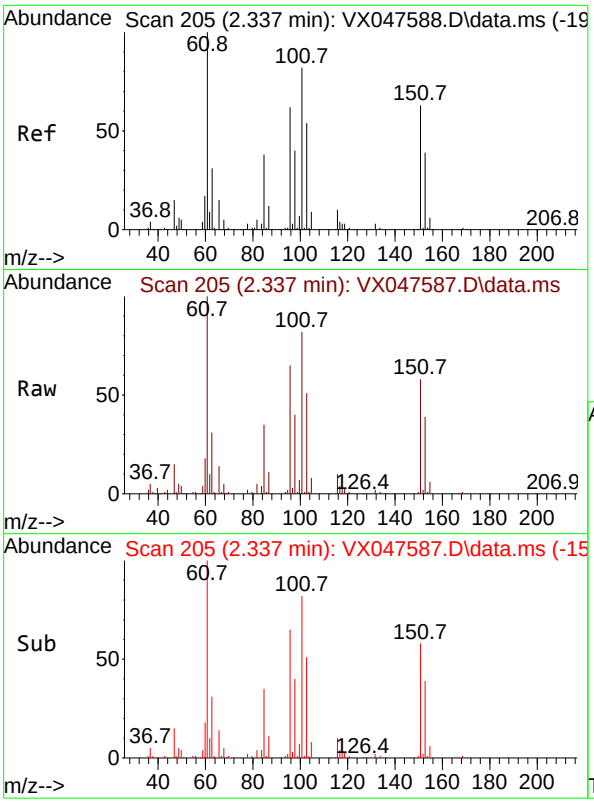


#8
Diethyl Ether
Concen: 20.429 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 74 Resp: 31335

Ion	Ratio	Lower	Upper
74	100		
45	107.0	52.3	156.8

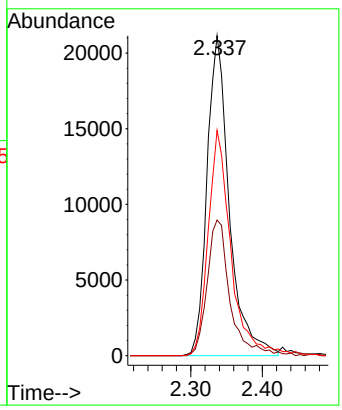




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.859 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:101 Resp: 4573

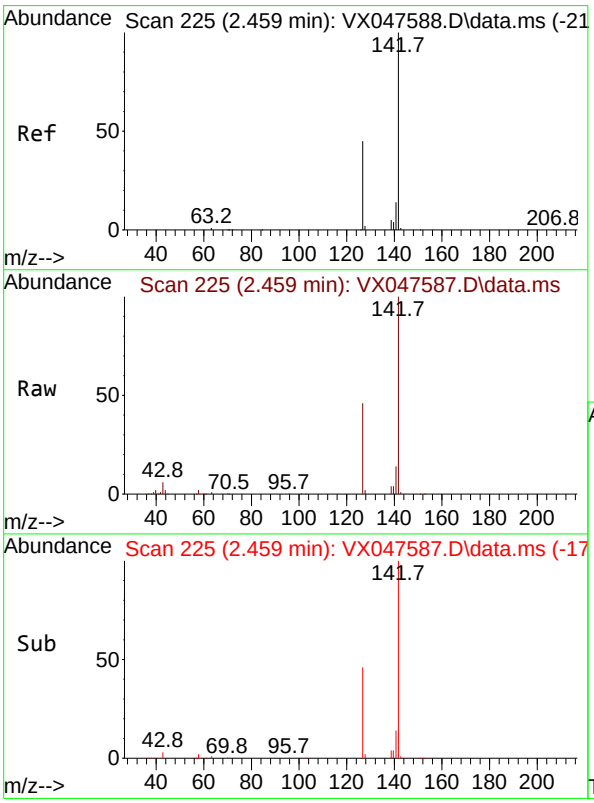
Ion	Ratio	Lower	Upper
101	100		
85	43.6	35.5	53.3
151	72.1	59.4	89.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

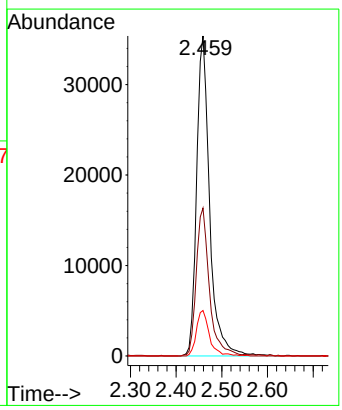
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

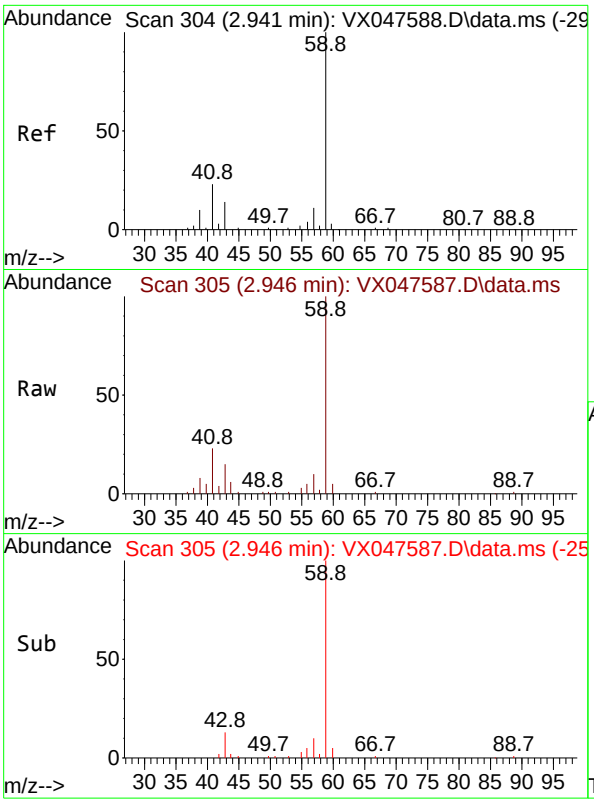


#10
Methyl Iodide
Concen: 20.452 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:142 Resp: 69935

Ion	Ratio	Lower	Upper
142	100		
127	46.9	37.2	55.8
141	14.3	11.4	17.0

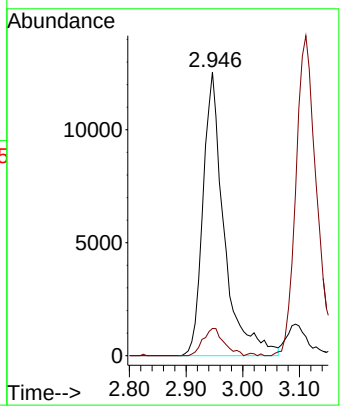




#11
Tert butyl alcohol
Concen: 96.582 ug/l
RT: 2.946 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 59 Resp: 3245

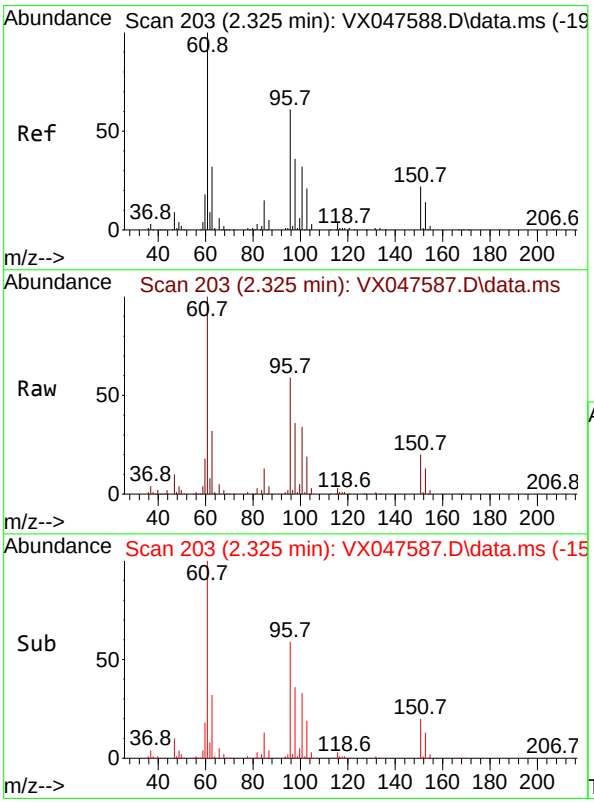
Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

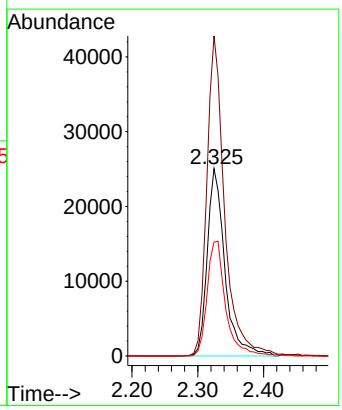
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

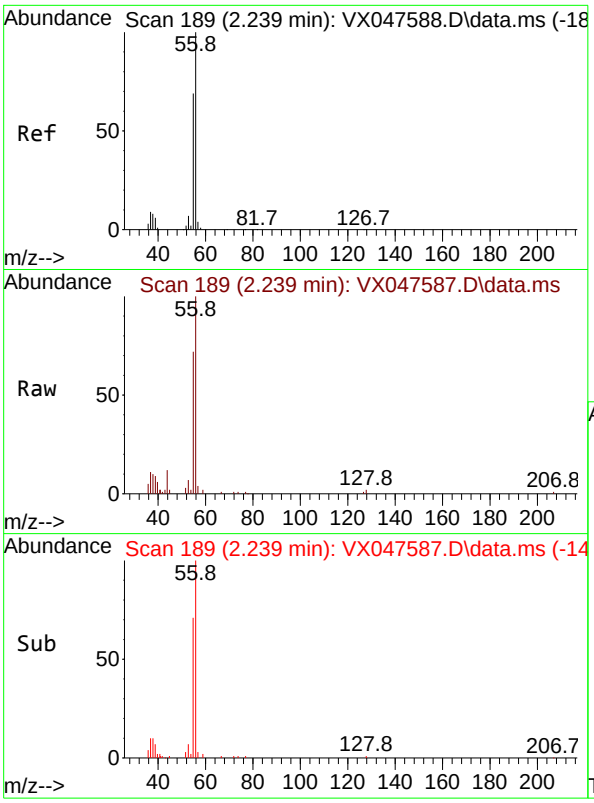


#12
1,1-Dichloroethene
Concen: 20.808 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 96 Resp: 46863

Ion	Ratio	Lower	Upper
96	100		
61	170.7	131.0	196.6
98	60.8	47.7	71.5

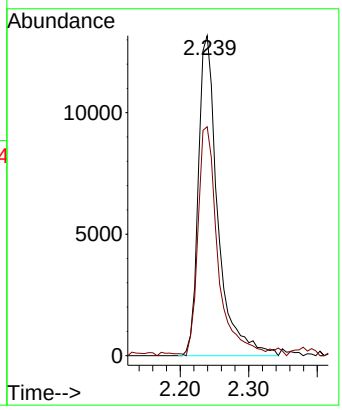




#13
Acrolein
Concen: 84.473 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 56 Resp: 2615

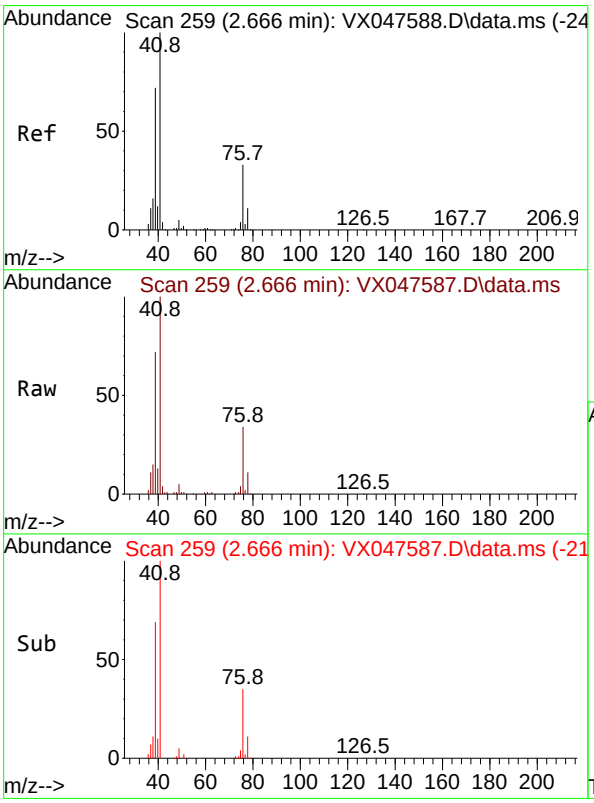
Ion	Ratio	Lower	Upper
56	100		
55	71.5	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

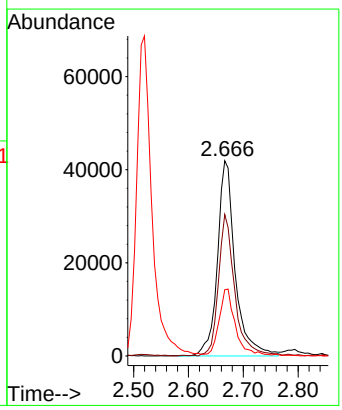
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

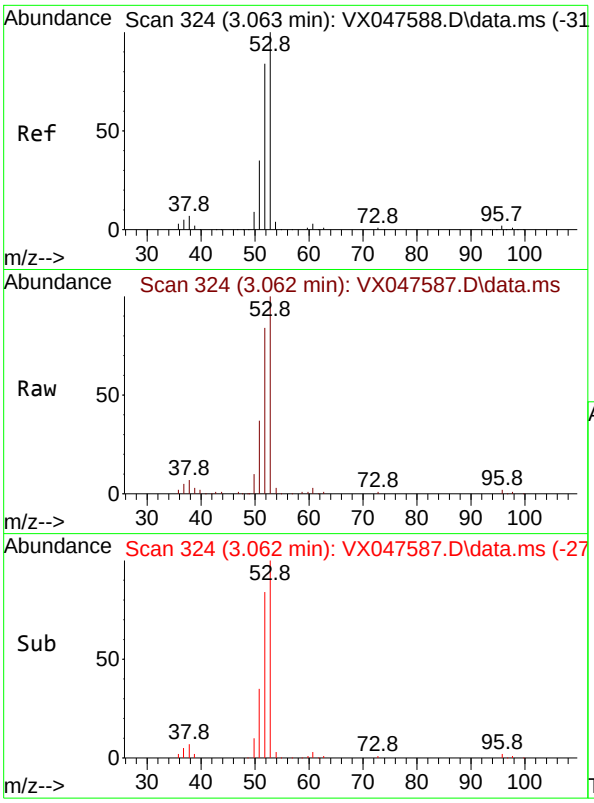


#14
Allyl chloride
Concen: 20.379 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 41 Resp: 94710

Ion	Ratio	Lower	Upper
41	100		
39	65.5	54.7	82.1
76	30.3	25.7	38.5

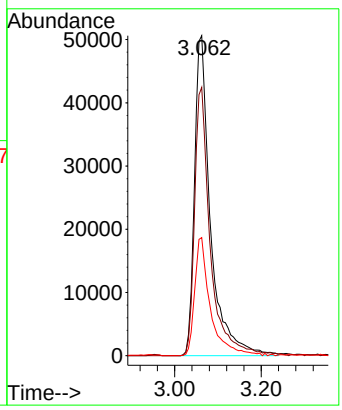




#15
Acrylonitrile
Concen: 104.554 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 53 Resp: 13014

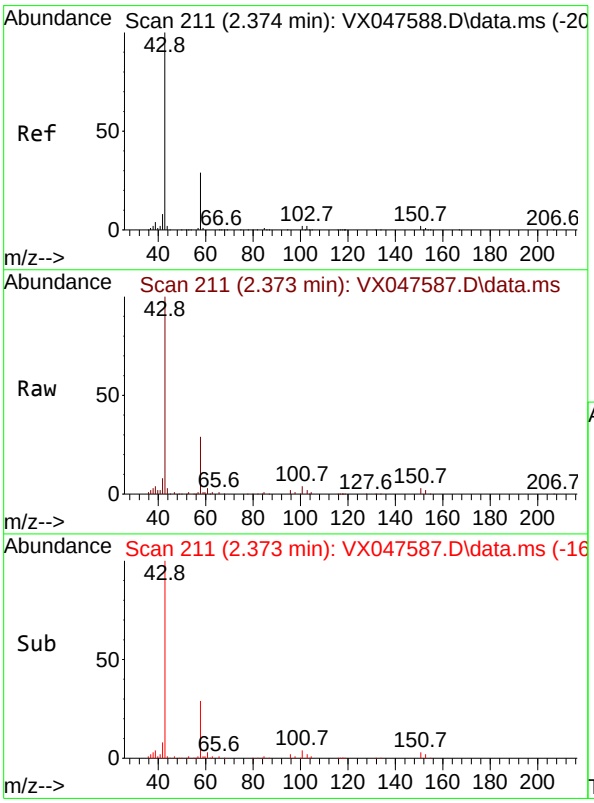
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.4	99.6
51	36.2	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

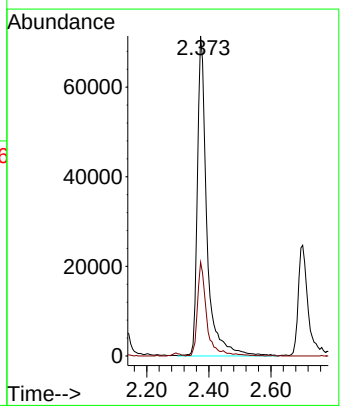
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

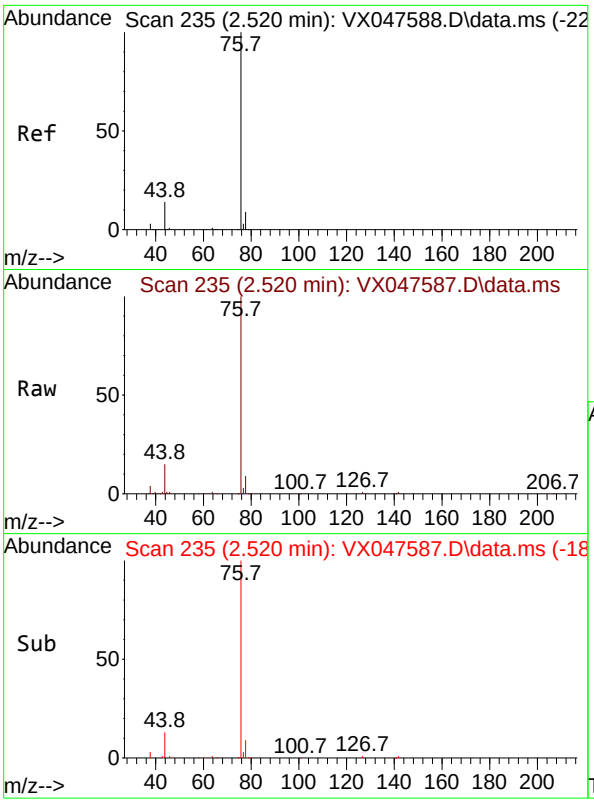


#16
Acetone
Concen: 115.507 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 151538

Ion	Ratio	Lower	Upper
43	100		
58	29.3	23.4	35.0

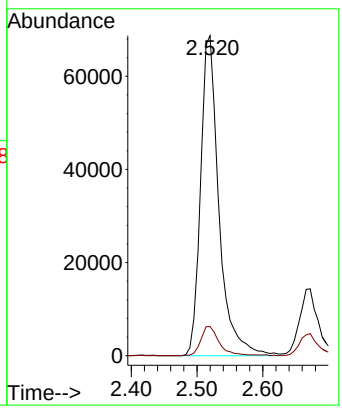




#17
Carbon Disulfide
Concen: 21.620 ug/l
RT: 2.520 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 76 Resp: 13329

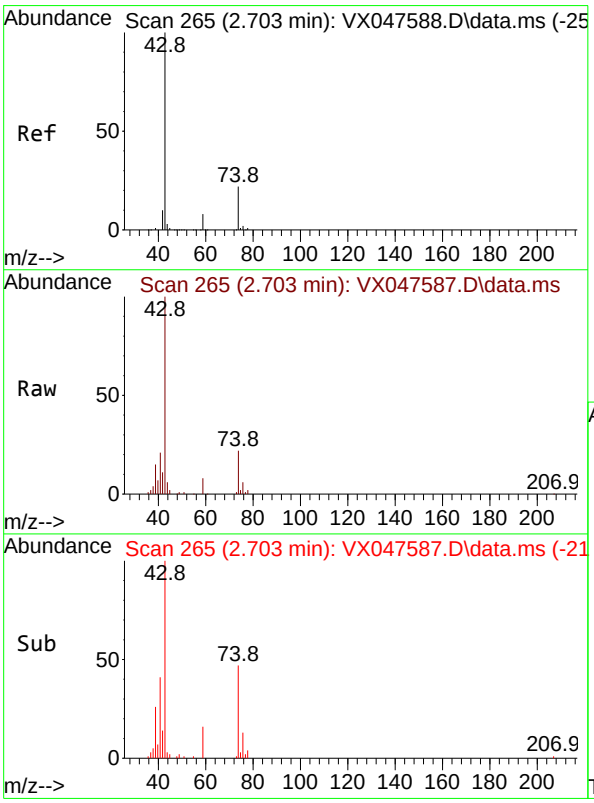
Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.8	10.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

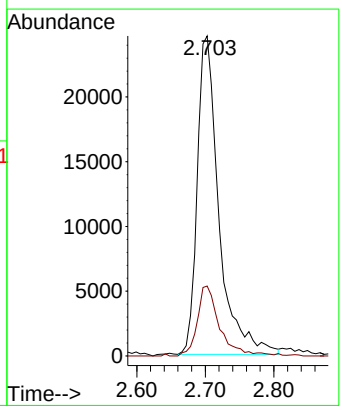
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

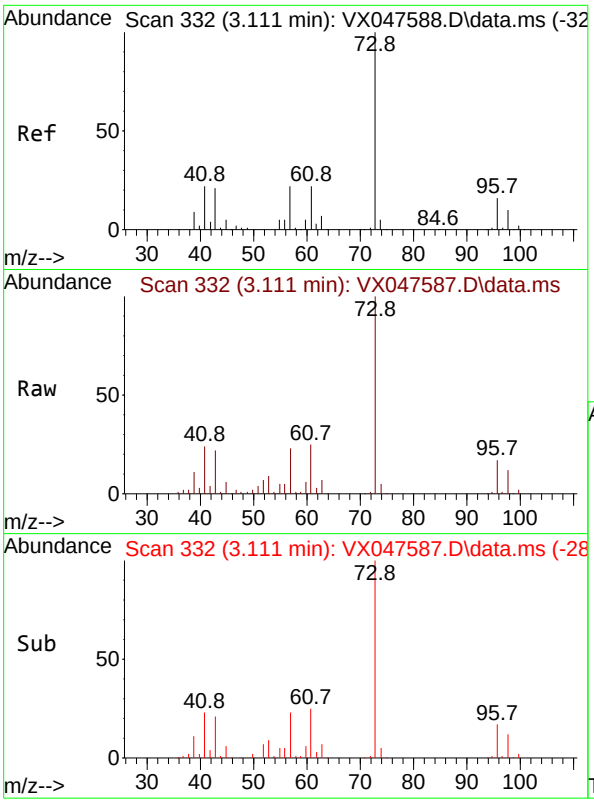


#18
Methyl Acetate
Concen: 18.536 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 54120

Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.4	26.2

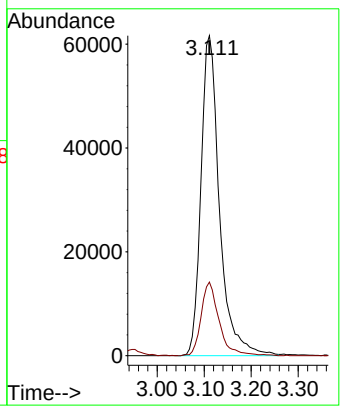




#19
Methyl tert-butyl Ether
Concen: 20.486 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 73 Resp: 16842

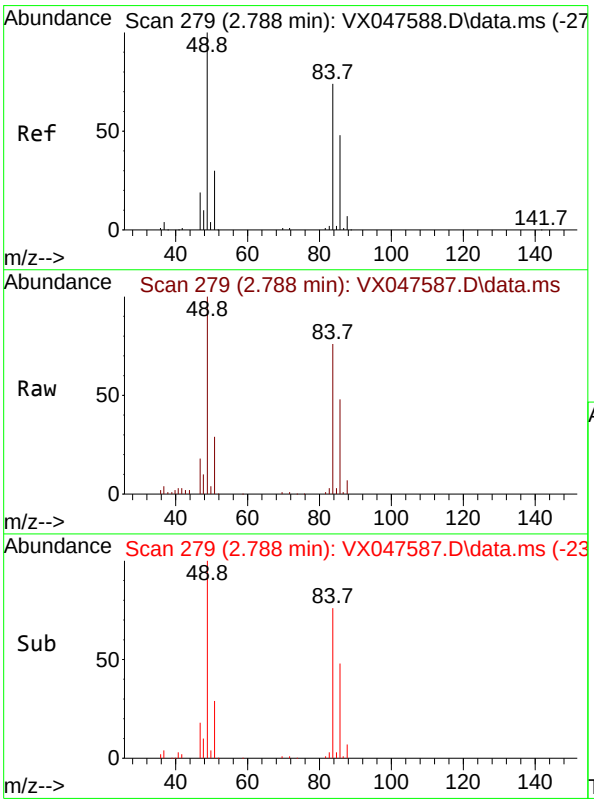
Ion	Ratio	Lower	Upper
73	100		
57	23.0	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

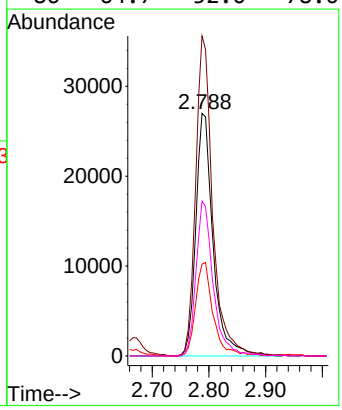
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

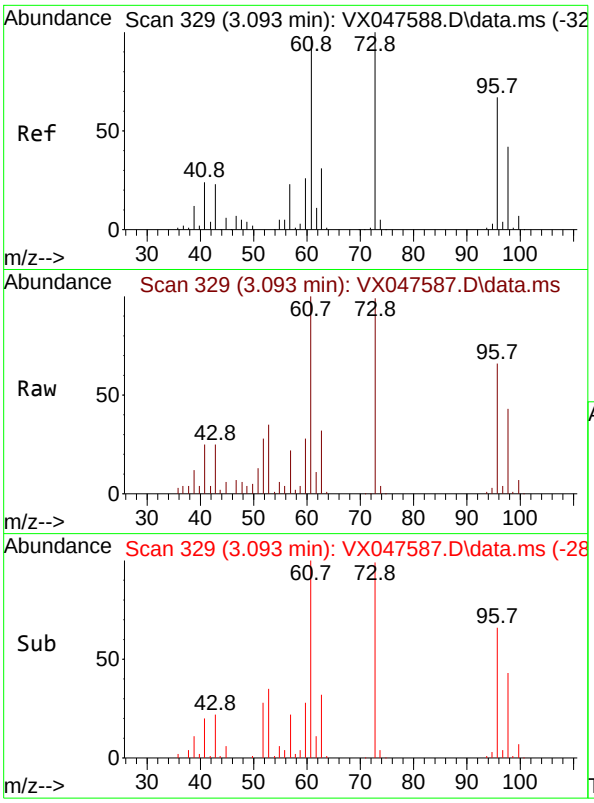


#20
Methylene Chloride
Concen: 20.581 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 84 Resp: 57153

Ion	Ratio	Lower	Upper
84	100		
49	131.7	108.6	162.8
51	37.9	32.6	48.8
86	64.7	52.0	78.0

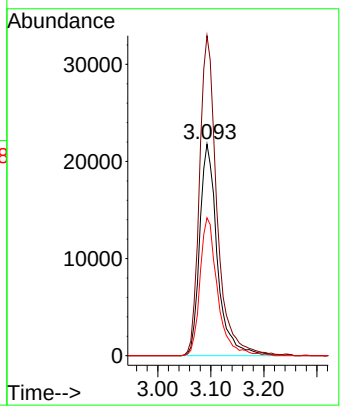




#21
trans-1,2-Dichloroethene
Concen: 20.791 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 96 Resp: 5041

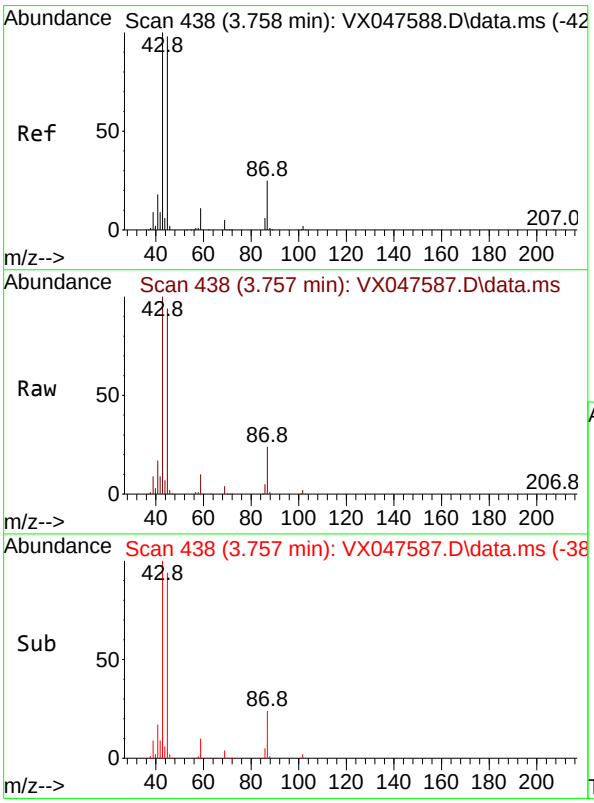
Ion	Ratio	Lower	Upper
96	100		
61	151.3	116.2	174.2
98	67.2	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

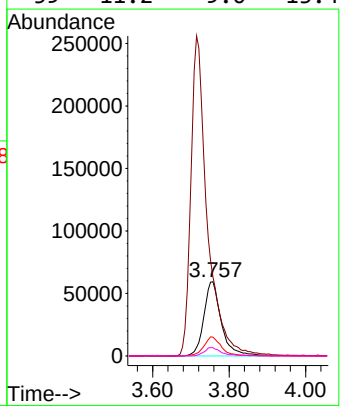
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

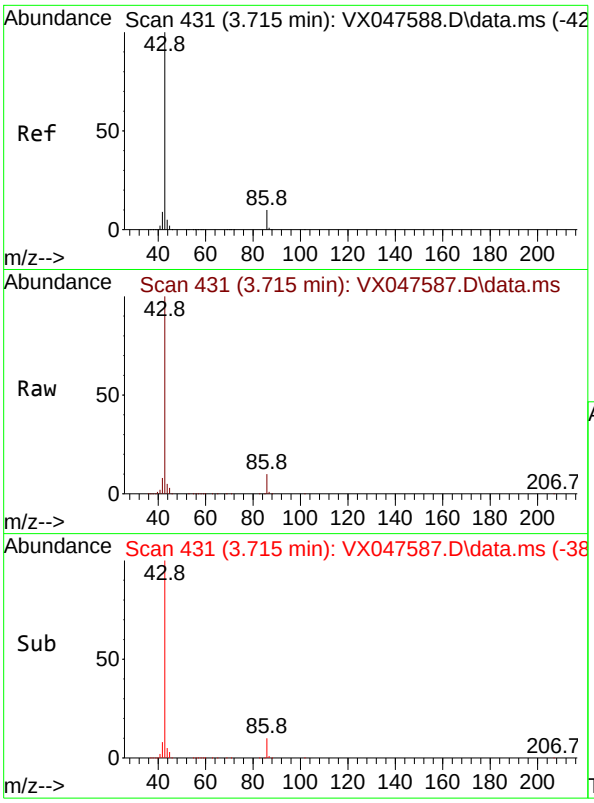


#22
Diisopropyl ether
Concen: 20.940 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 45 Resp: 188598

Ion	Ratio	Lower	Upper
45	100		
43	106.1	81.0	121.4
87	25.5	20.3	30.5
59	11.2	9.0	13.4





#23
Vinyl Acetate
Concen: 106.218 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

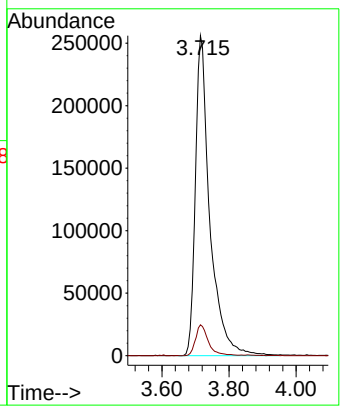
Tgt Ion: 43 Resp: 76567

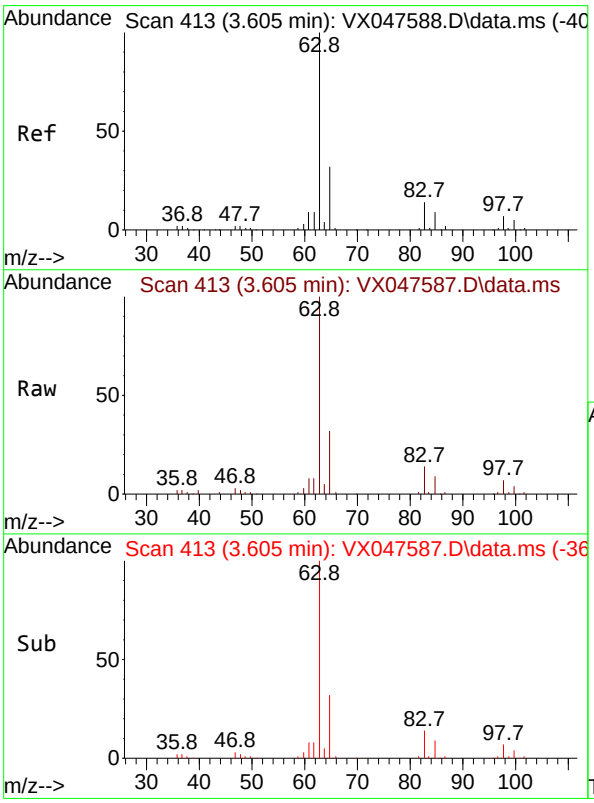
Ion	Ratio	Lower	Upper
43	100		
86	9.6	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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

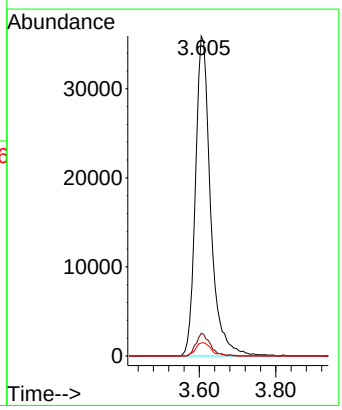


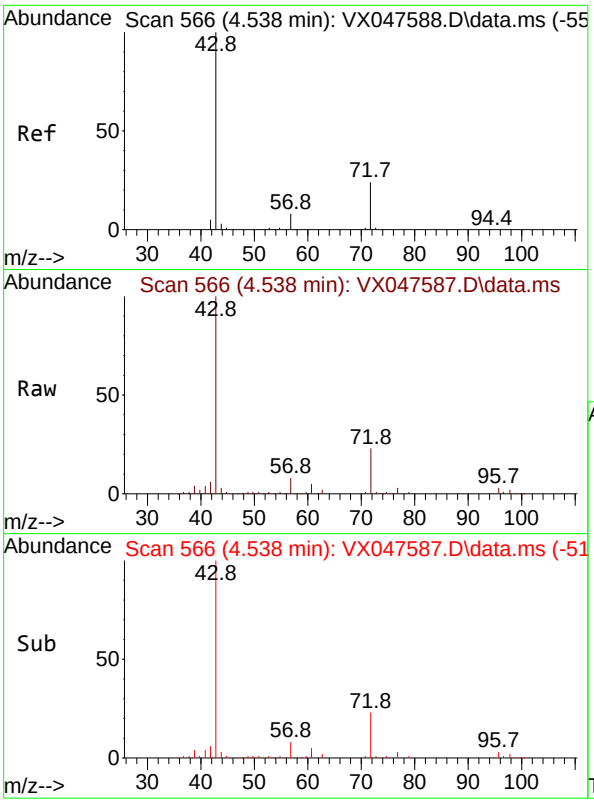


#24
1,1-Dichloroethane
Concen: 20.578 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 63 Resp: 98509

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.8	11.2
100	4.1	2.3	6.9





#25
2-Butanone
Concen: 109.679 ug/l
RT: 4.538 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

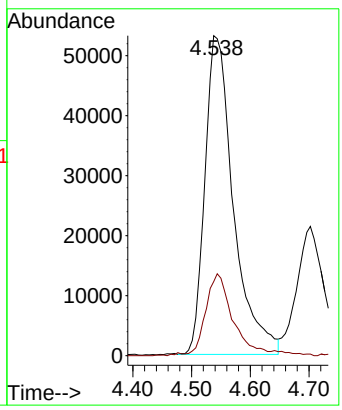
Tgt Ion: 43 Resp: 17948

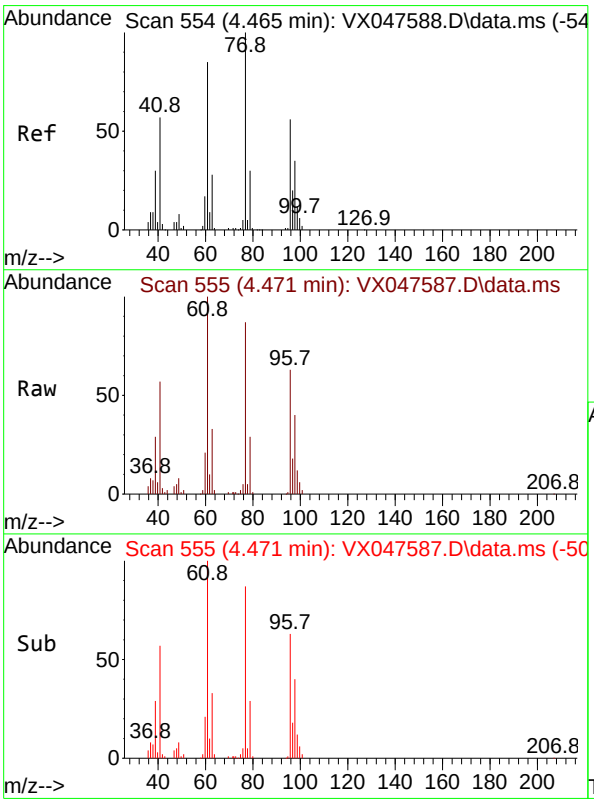
Ion	Ratio	Lower	Upper
43	100		
72	22.3	20.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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

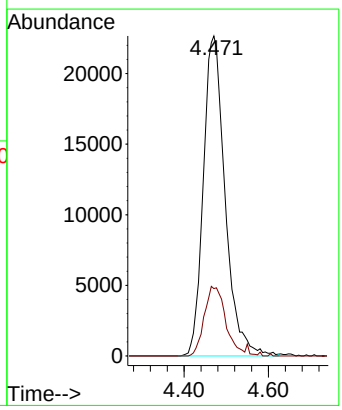


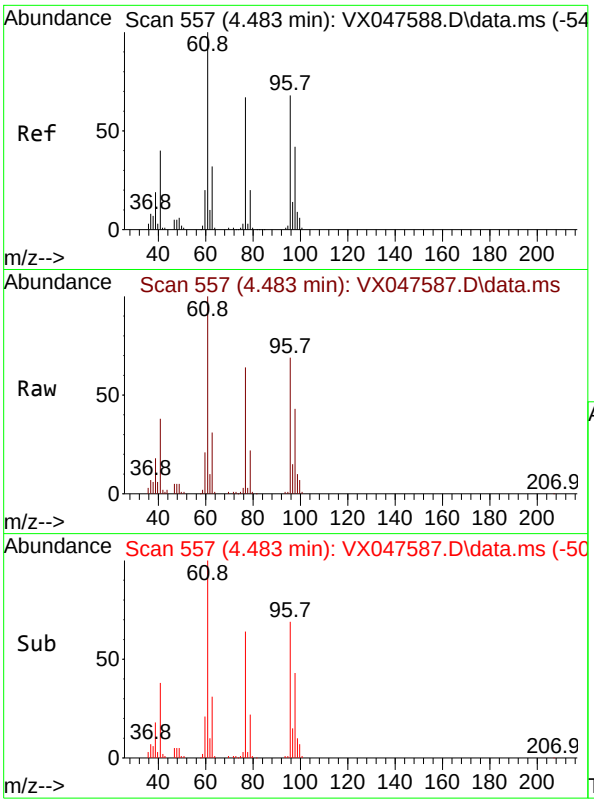


#26
2,2-Dichloropropane
Concen: 20.459 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 77 Resp: 81413

Ion	Ratio	Lower	Upper
77	100		
97	21.2	10.9	32.7

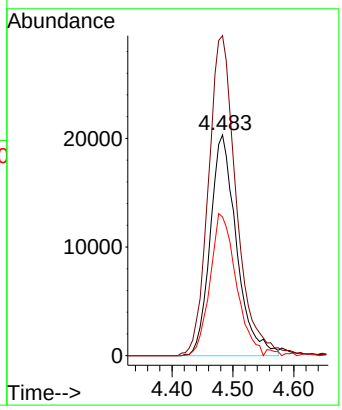




#27
cis-1,2-Dichloroethene
Concen: 20.497 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 96 Resp: 6086

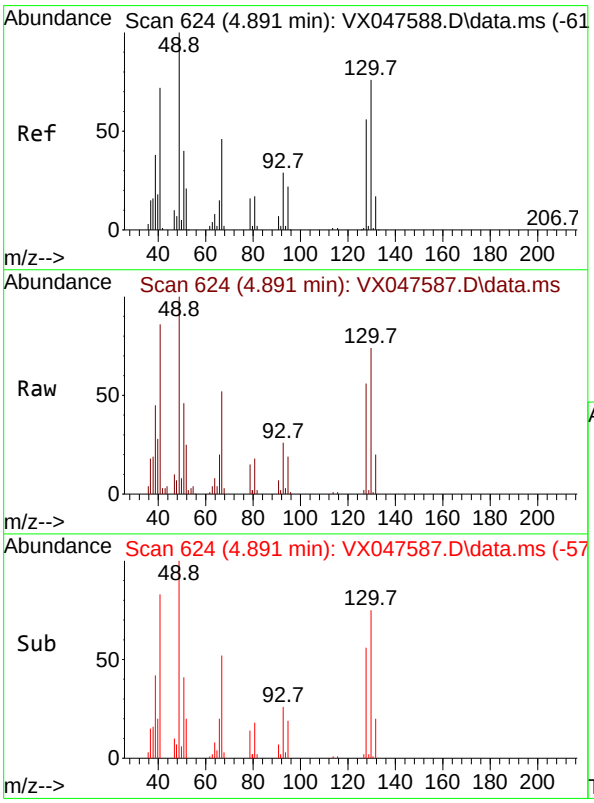
Ion	Ratio	Lower	Upper
96	100		
61	154.8	0.0	303.2
98	63.7	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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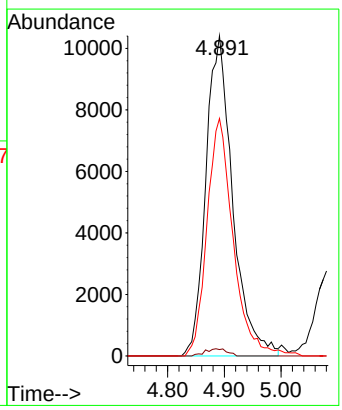
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

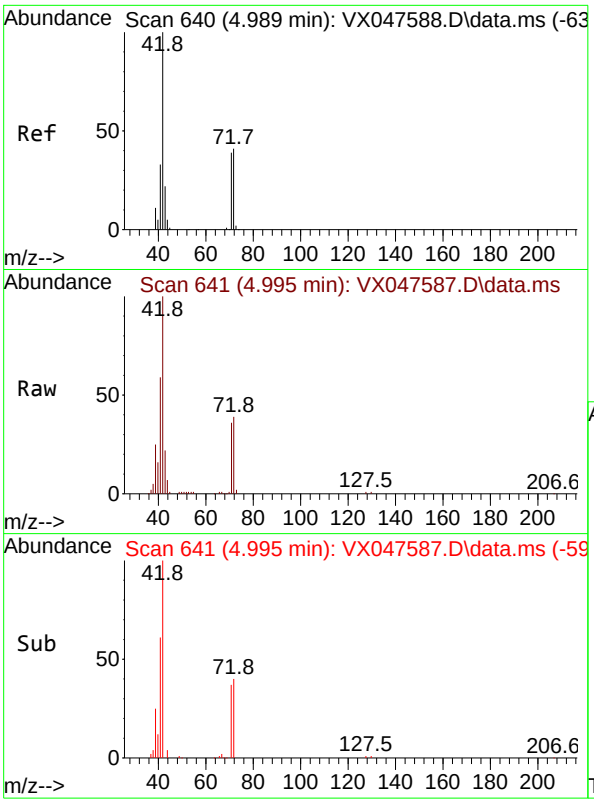


#28
Bromochloromethane
Concen: 16.309 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 49 Resp: 34085

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.2
130	72.7	57.8	86.8





#29
Tetrahydrofuran
Concen: 104.560 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

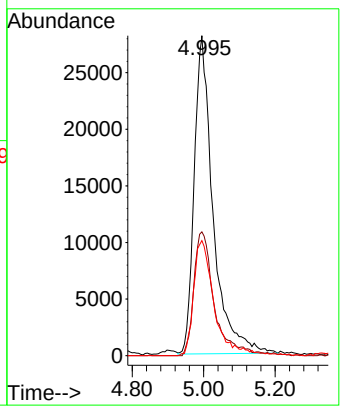
Tgt Ion: 42 Resp: 10293

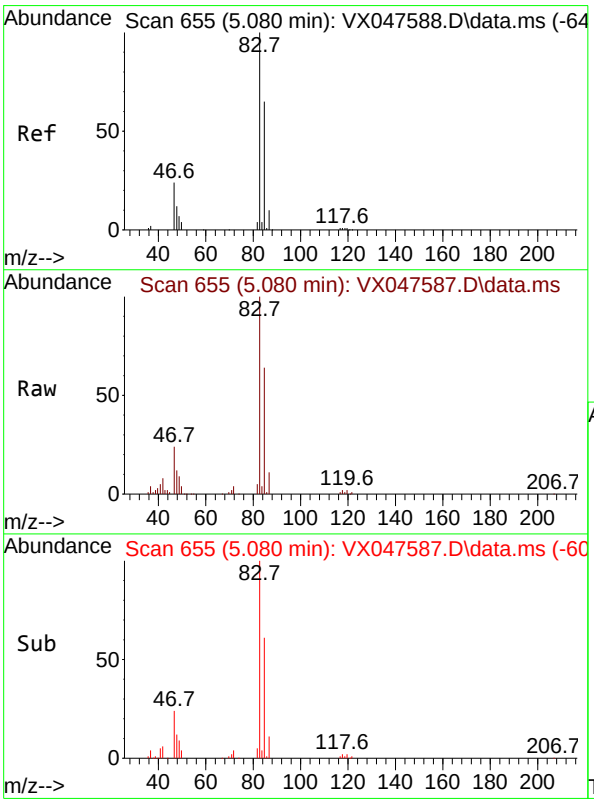
Ion	Ratio	Lower	Upper
42	100		
72	41.5	34.2	51.2
71	37.8	31.9	47.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

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

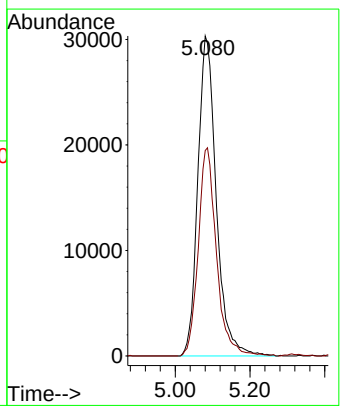


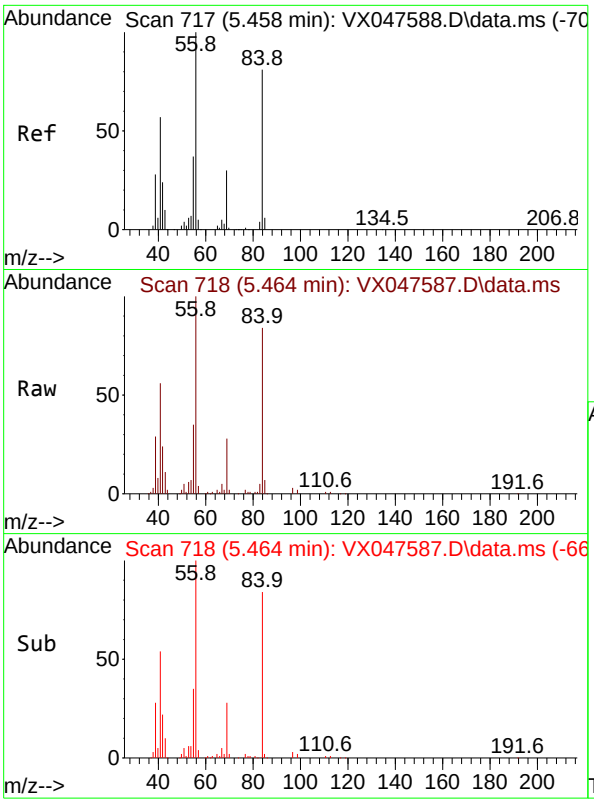


#30
Chloroform
Concen: 21.413 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 83 Resp: 103586

Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.8	77.6

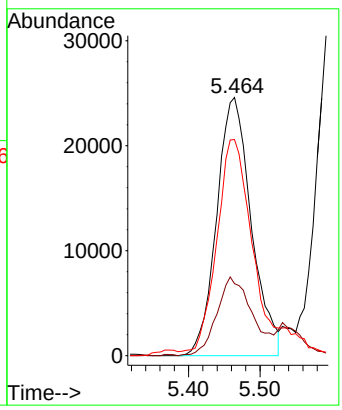




#31
Cyclohexane
Concen: 20.759 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 56 Resp: 8277

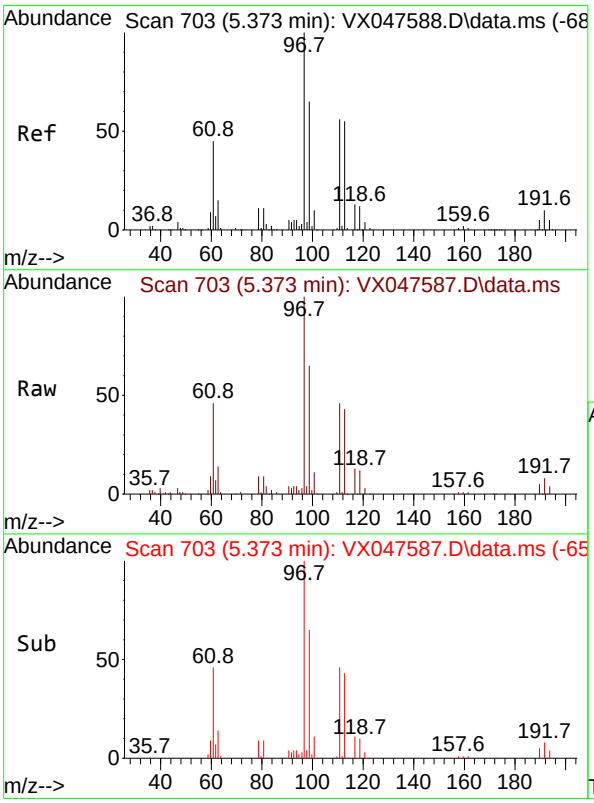
Ion	Ratio	Lower	Upper
56	100		
69	27.9	23.8	35.8
84	82.2	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

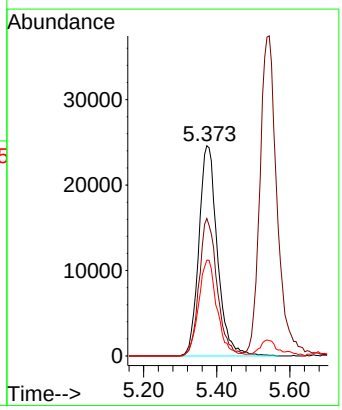
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

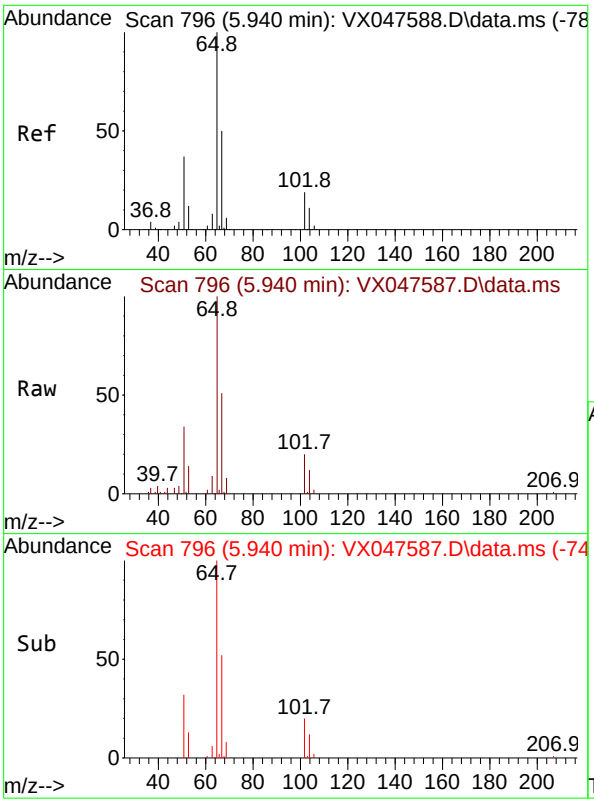


#32
1,1,1-Trichloroethane
Concen: 21.081 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 97 Resp: 86500

Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.6	76.0
61	45.5	35.8	53.8

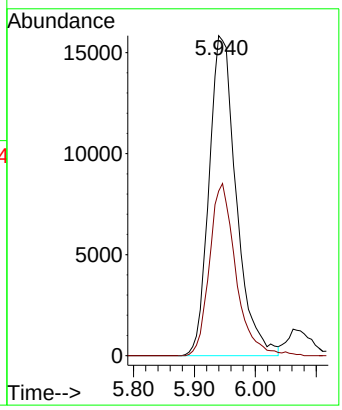




#33
1,2-Dichloroethane-d4
Concen: 16.264 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 65 Resp: 4907

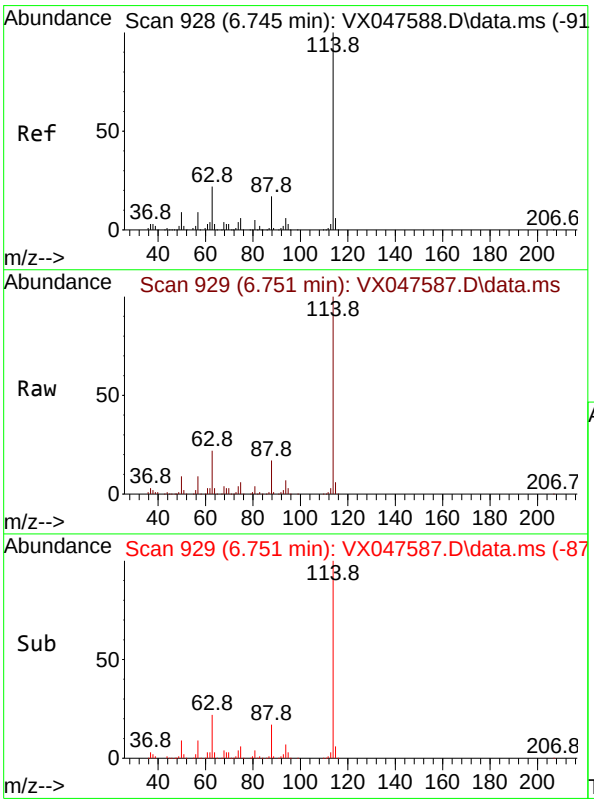
Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

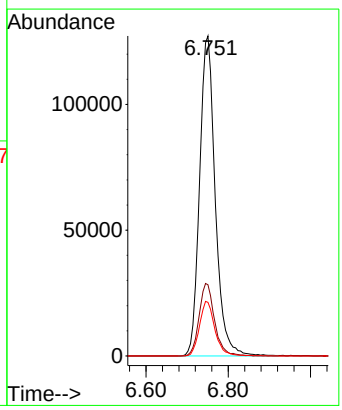
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

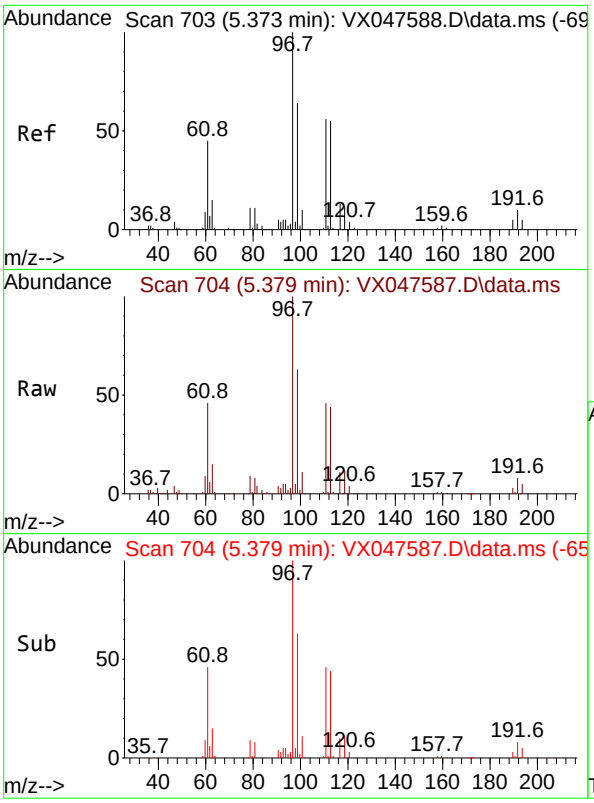


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:114 Resp: 336287

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.0
88	16.8	0.0	34.2

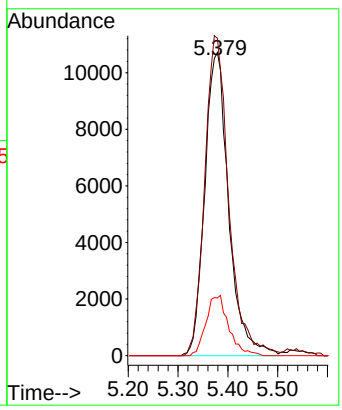




#35
Dibromofluoromethane
Concen: 15.868 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:113 Resp: 3578

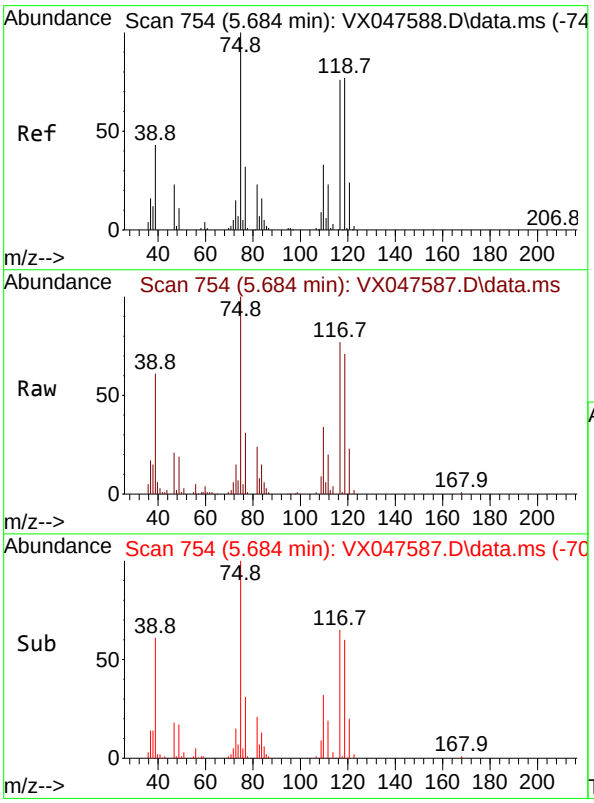
Ion	Ratio	Lower	Upper
113	100		
111	105.7	80.9	121.3
192	18.8	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

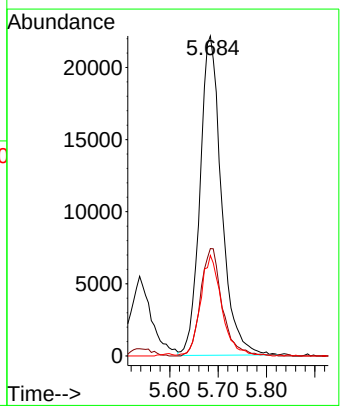
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

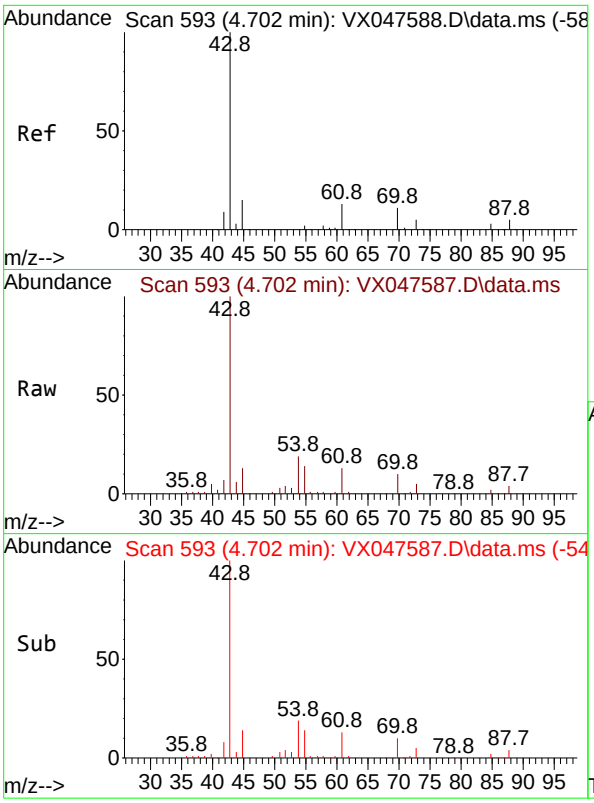


#36
1,1-Dichloropropene
Concen: 20.754 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 75 Resp: 68395

Ion	Ratio	Lower	Upper
75	100		
110	33.9	16.7	50.1
77	31.2	24.3	36.5

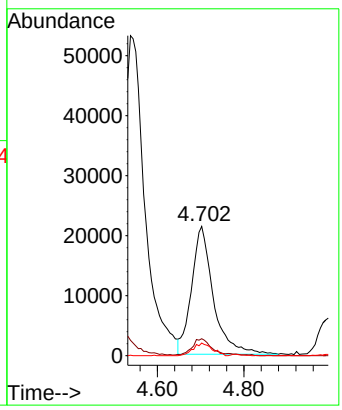




#37
Ethyl Acetate
Concen: 21.113 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 7449

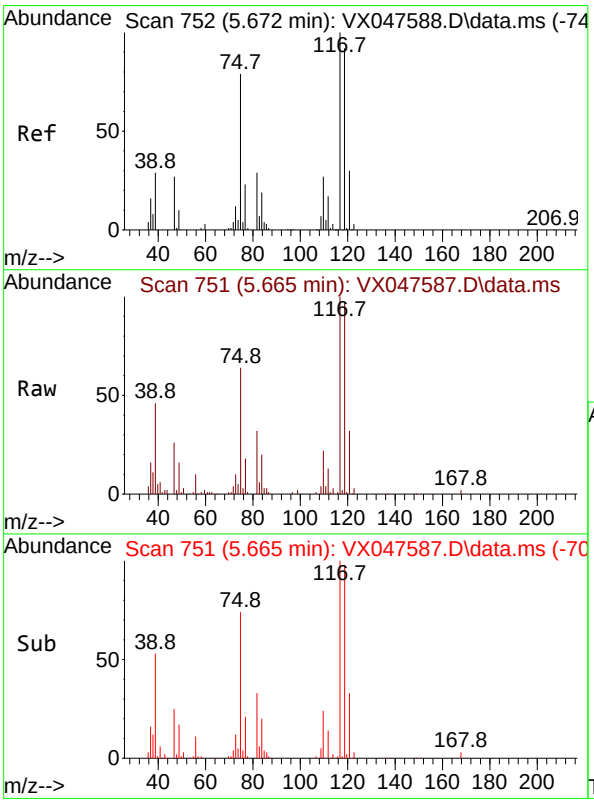
Ion	Ratio	Lower	Upper
43	100		
61	10.8	9.8	14.8
70	8.5	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

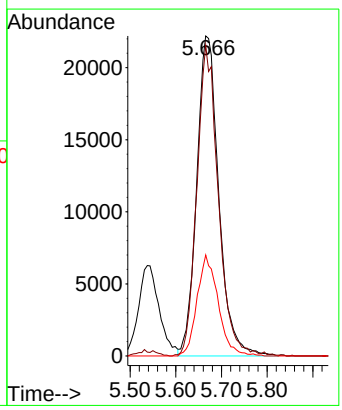
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

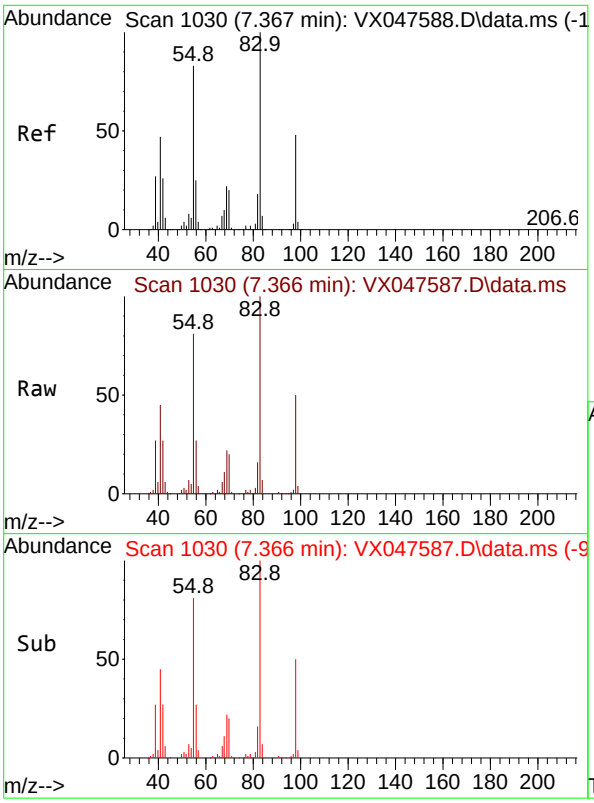


#38
Carbon Tetrachloride
Concen: 20.844 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:117 Resp: 74636

Ion	Ratio	Lower	Upper
117	100		
119	96.9	73.4	110.2
121	31.6	23.8	35.6

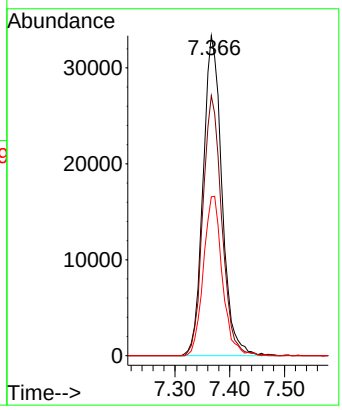




#39
Methylcyclohexane
Concen: 21.251 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 83 Resp: 7949

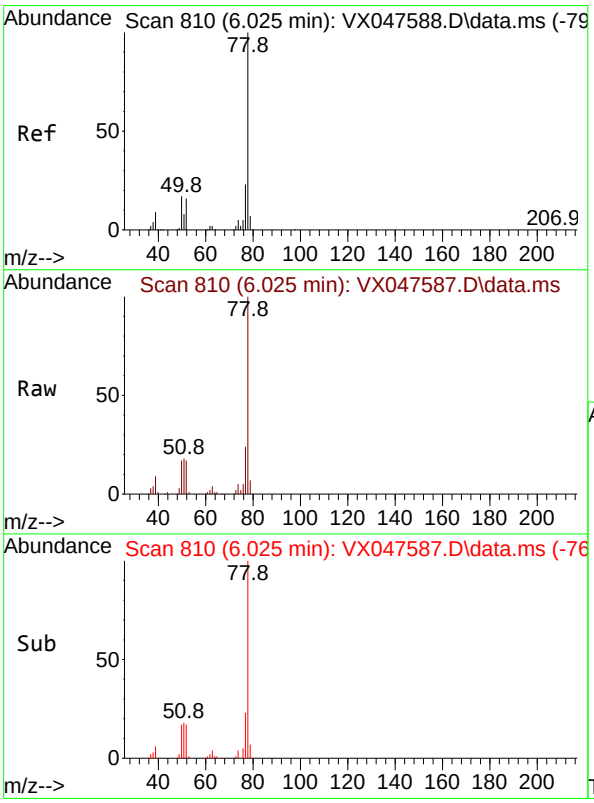
Ion	Ratio	Lower	Upper
83	100		
55	81.2	66.4	99.6
98	49.6	38.1	57.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

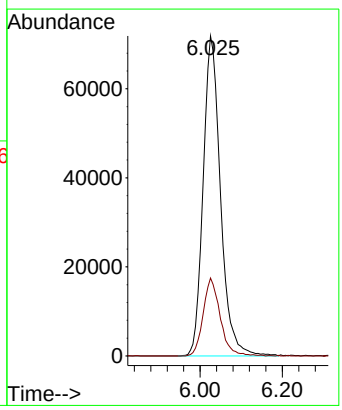
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

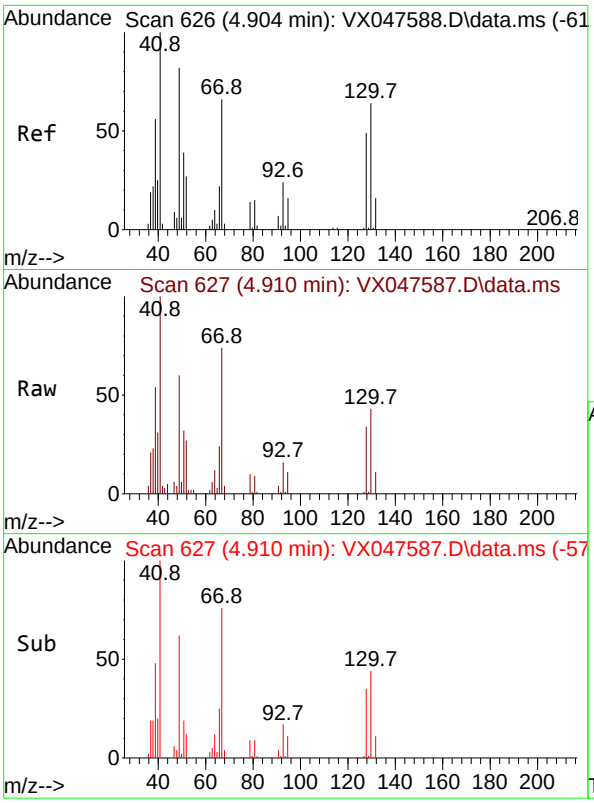


#40
Benzene
Concen: 21.051 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 78 Resp: 210711

Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.8	28.2

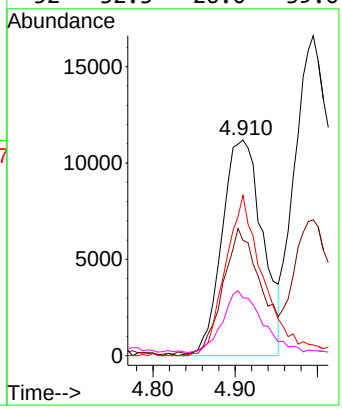




#41
Methacrylonitrile
Concen: 21.148 ug/l
RT: 4.910 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 41 Resp: 3852

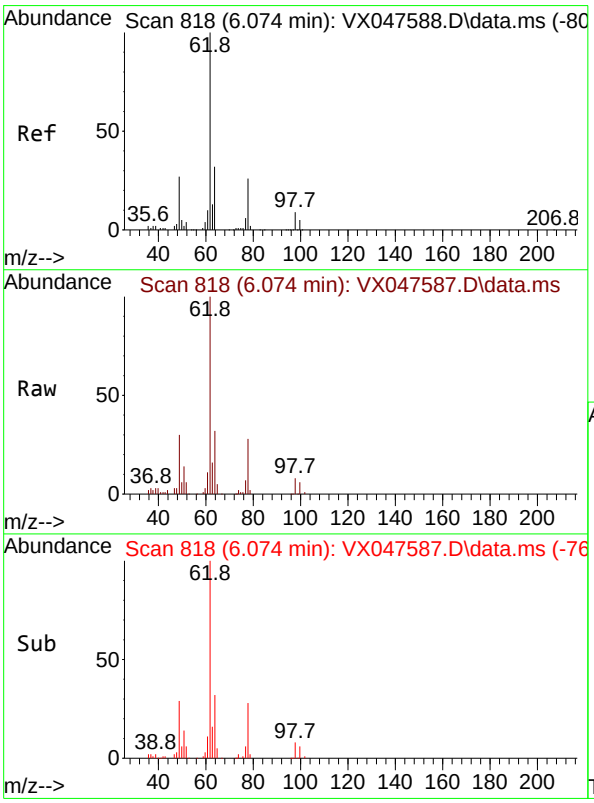
Ion	Ratio	Lower	Upper
41	100		
39	53.8	43.3	64.9
67	72.5	58.6	87.8
52	32.3	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

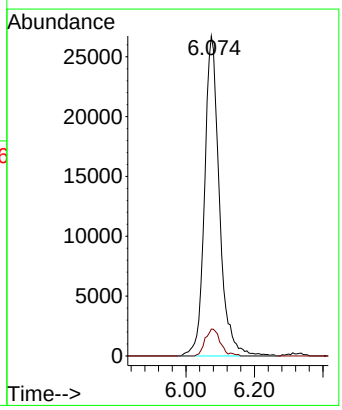
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

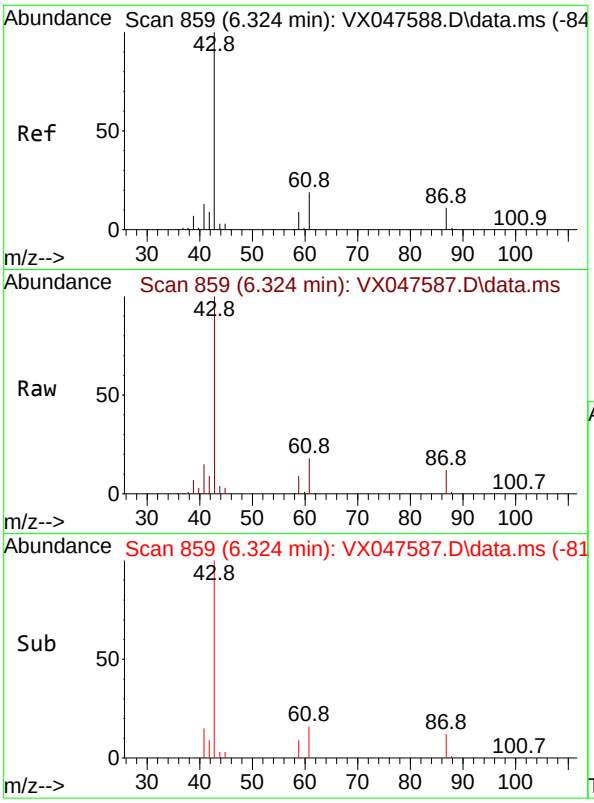


#42
1,2-Dichloroethane
Concen: 21.175 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 62 Resp: 80646

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0

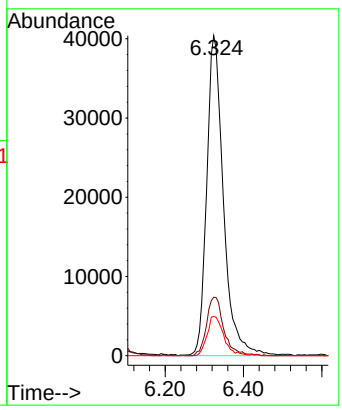




#43
Isopropyl Acetate
Concen: 20.670 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 11962

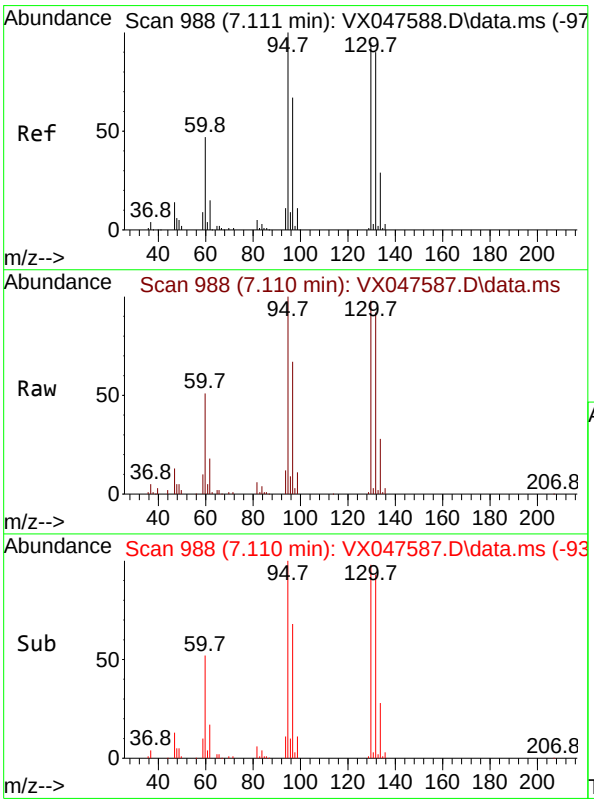
Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.2	22.8
87	12.1	9.6	14.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

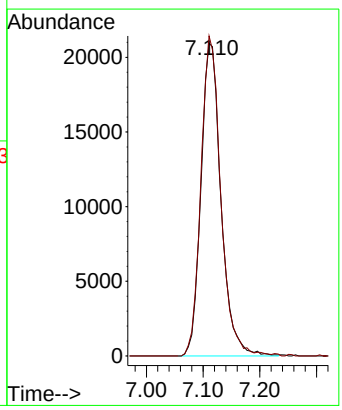
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

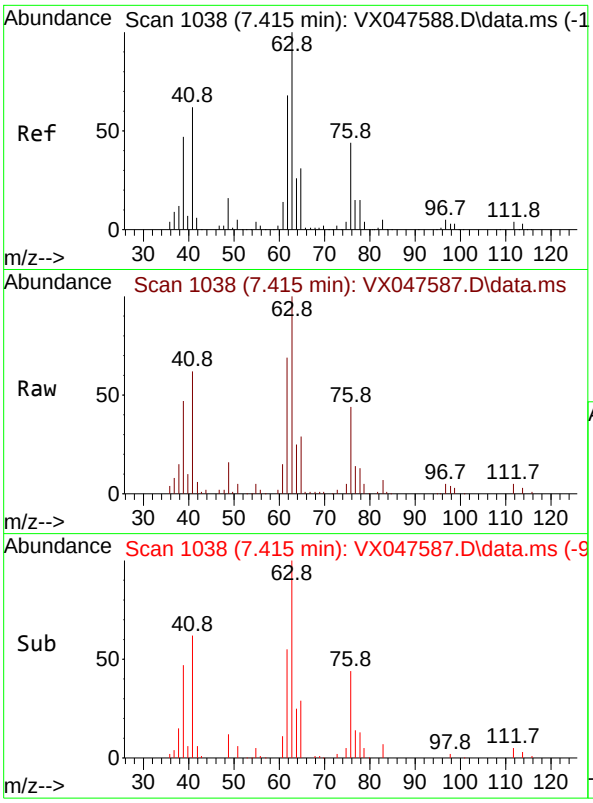


#44
Trichloroethene
Concen: 21.228 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:130 Resp: 51369

Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	210.8

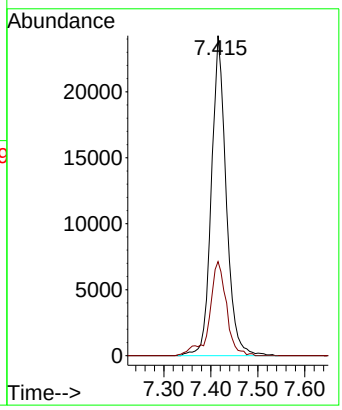




#45
1,2-Dichloropropane
Concen: 20.697 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 63 Resp: 5304

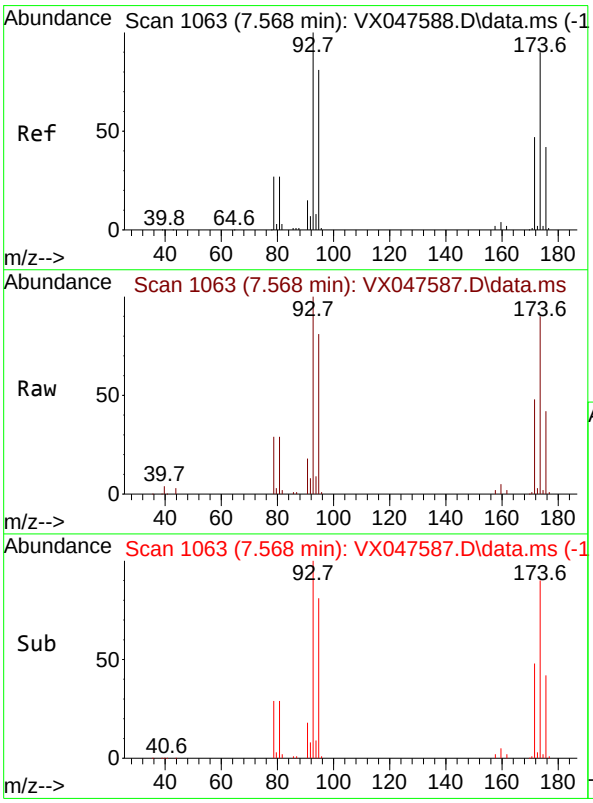
Ion	Ratio	Lower	Upper
63	100		
65	29.4	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

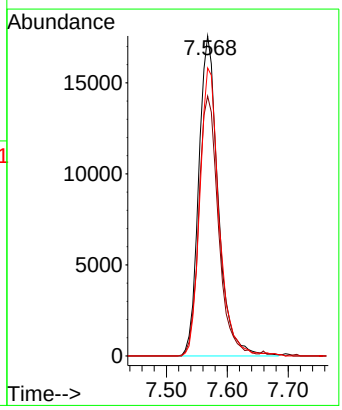
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

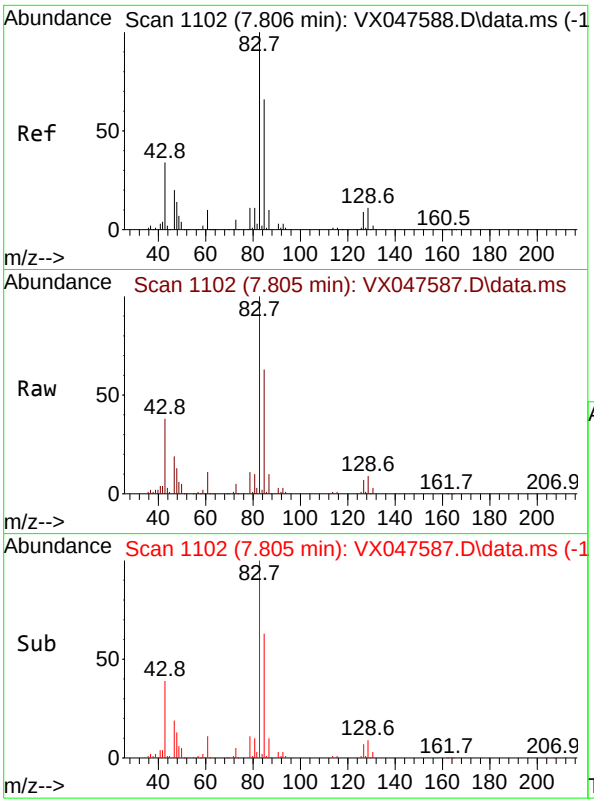


#46
Dibromomethane
Concen: 20.862 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 93 Resp: 38910

Ion	Ratio	Lower	Upper
93	100		
95	82.0	65.0	97.6
174	89.2	71.6	107.4

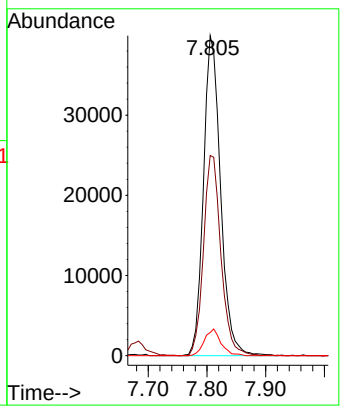




#47
Bromodichloromethane
Concen: 21.002 ug/l
RT: 7.805 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 83 Resp: 8083

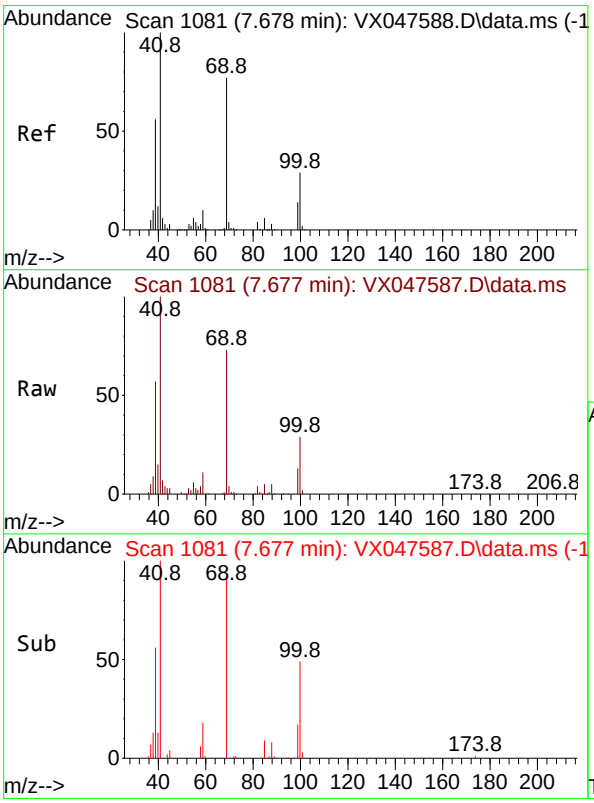
Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.5	78.7
127	8.2	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

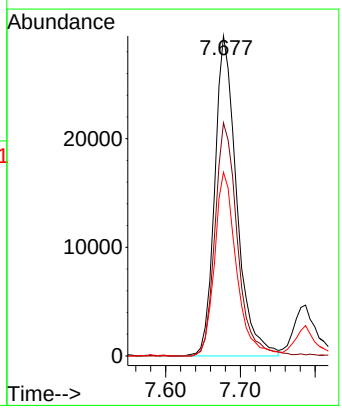
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

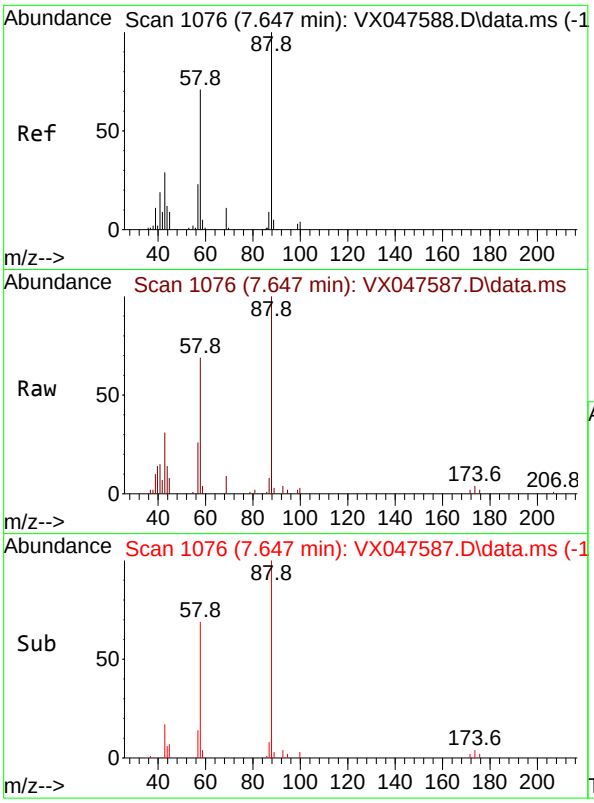


#48
Methyl methacrylate
Concen: 20.877 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 41 Resp: 60182

Ion	Ratio	Lower	Upper
41	100		
69	74.2	61.4	92.2
39	57.2	45.8	68.6

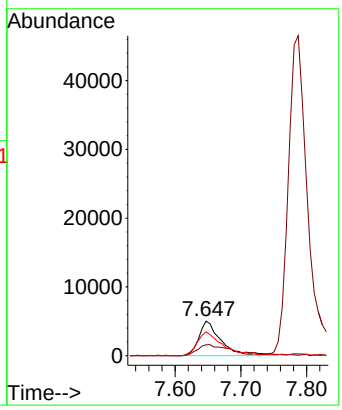




#49
1,4-Dioxane
Concen: 413.530 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 88 Resp: 1204

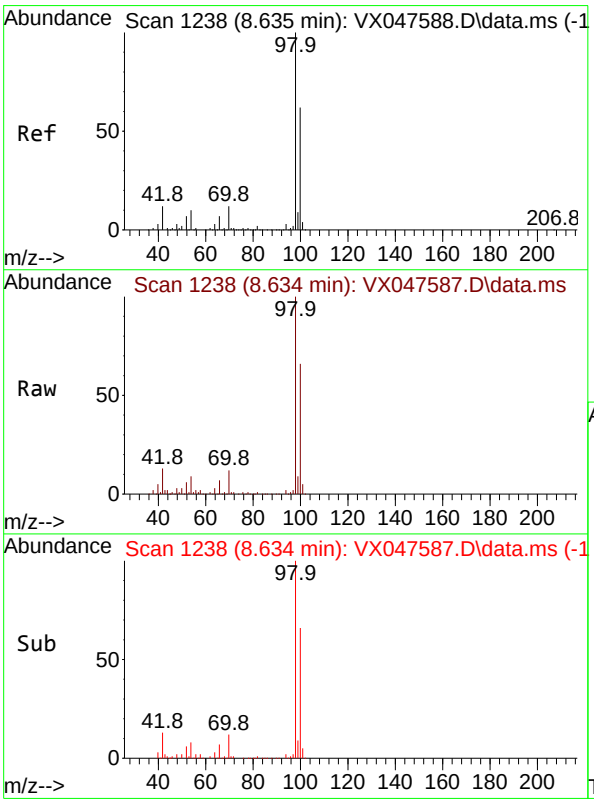
Ion	Ratio	Lower	Upper
88	100		
43	44.7	30.2	45.2
58	75.8	59.5	89.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

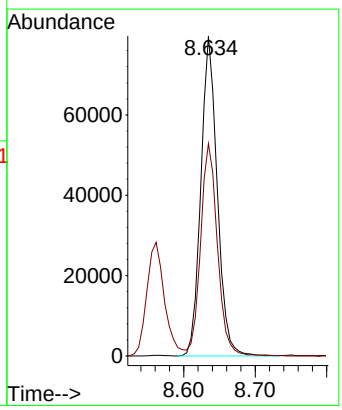
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

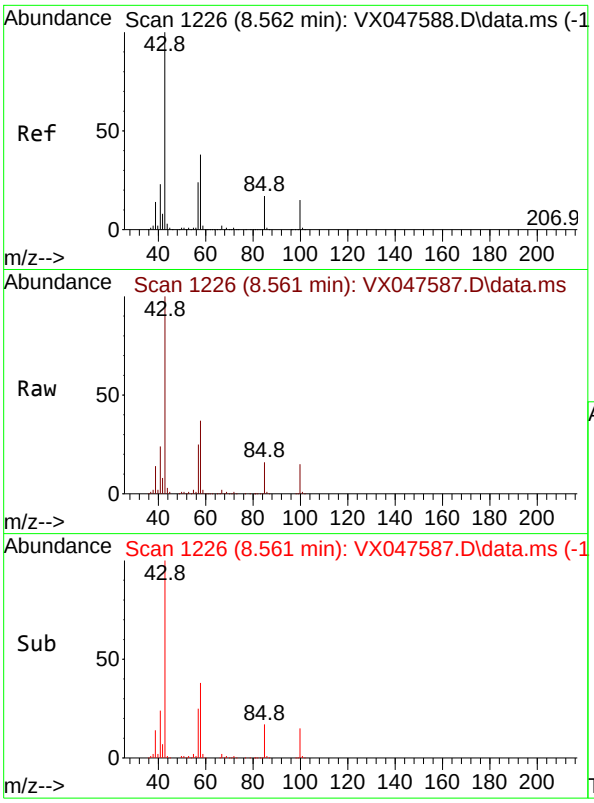


#50
Toluene-d8
Concen: 16.258 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 98 Resp: 126875

Ion	Ratio	Lower	Upper
98	100		
100	67.9	53.0	79.4

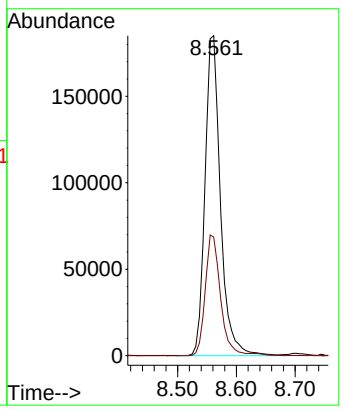




#51
4-Methyl-2-Pentanone
Concen: 105.456 ug/l
RT: 8.561 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 33837

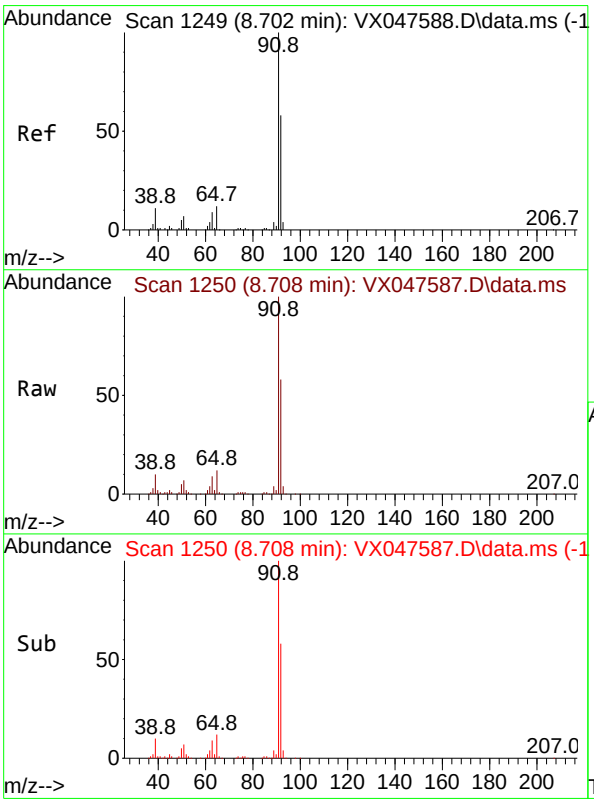
Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

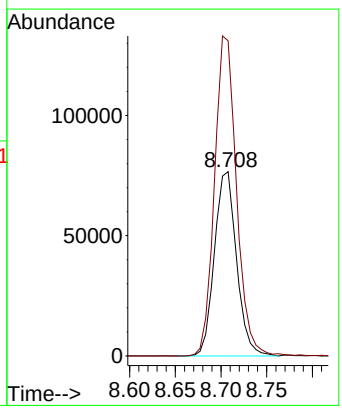
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

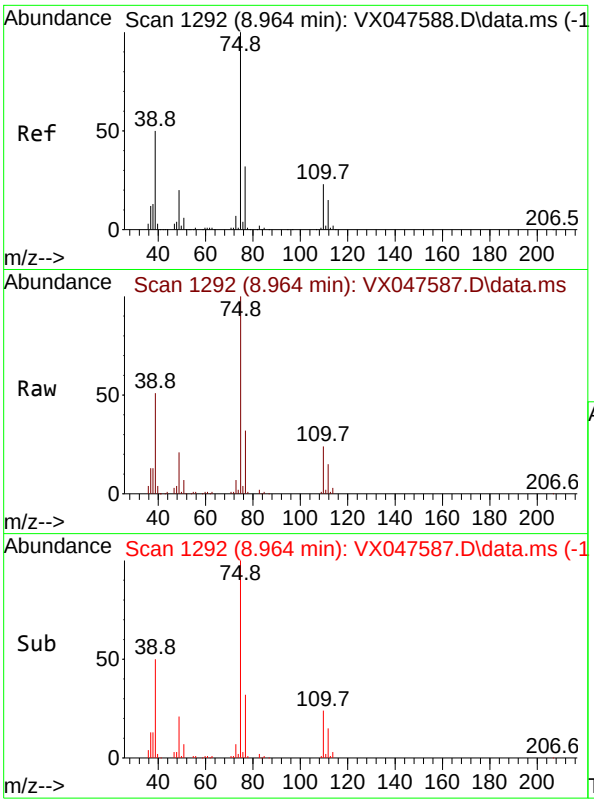


#52
Toluene
Concen: 20.950 ug/l
RT: 8.708 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 92 Resp: 129193

Ion	Ratio	Lower	Upper
92	100		
91	173.2	137.1	205.7

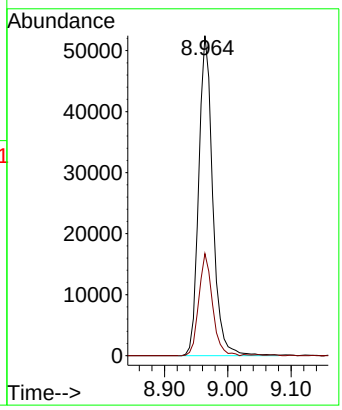




#53
t-1,3-Dichloropropene
Concen: 20.625 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 75 Resp: 8097

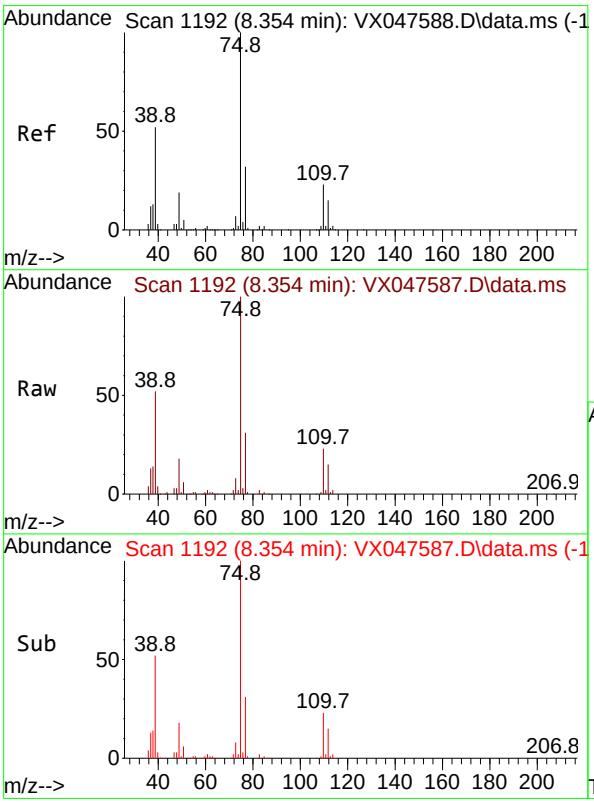
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

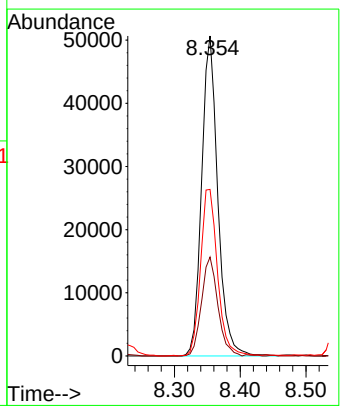
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

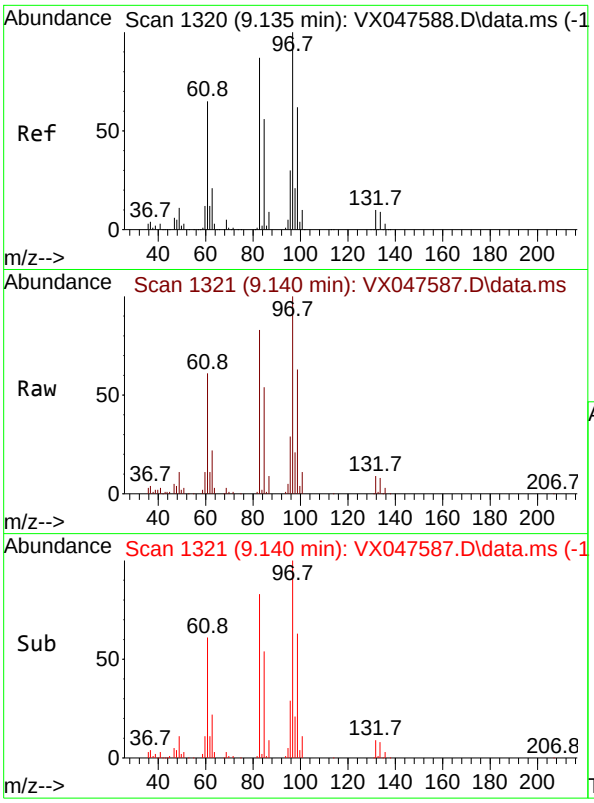


#54
cis-1,3-Dichloropropene
Concen: 20.650 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 75 Resp: 86648

Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.8	38.6
39	52.0	41.4	62.2

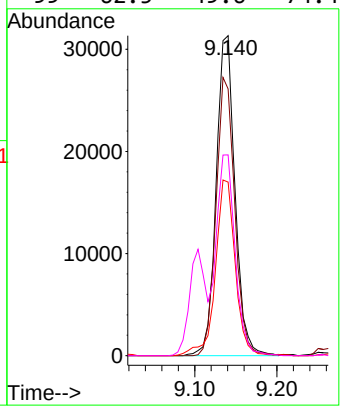




#55
1,1,2-Trichloroethane
Concen: 20.967 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 97 Resp: 4985

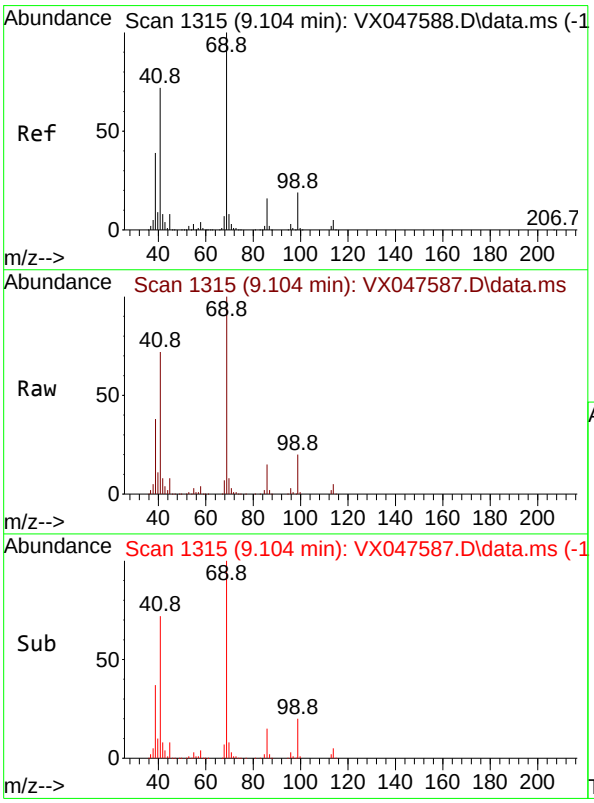
Ion	Ratio	Lower	Upper
97	100		
83	83.3	69.6	104.4
85	55.2	45.0	67.6
99	62.5	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

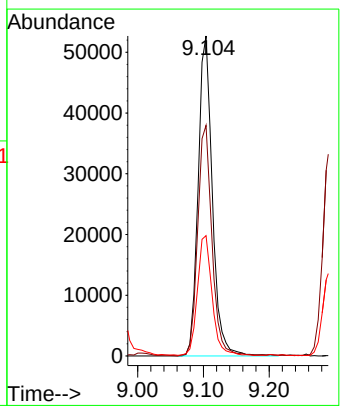
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

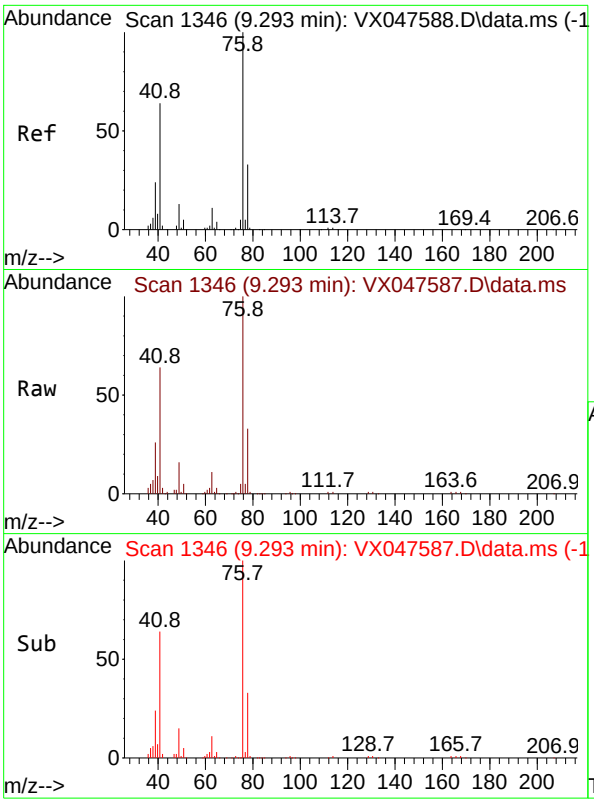


#56
Ethyl methacrylate
Concen: 21.158 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 69 Resp: 79011

Ion	Ratio	Lower	Upper
69	100		
41	72.6	58.6	87.8
39	38.6	31.5	47.3

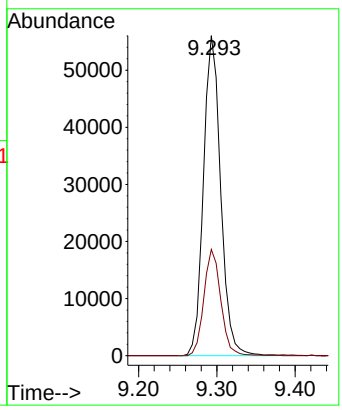




#57
1,3-Dichloropropane
Concen: 20.934 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 76 Resp: 8551

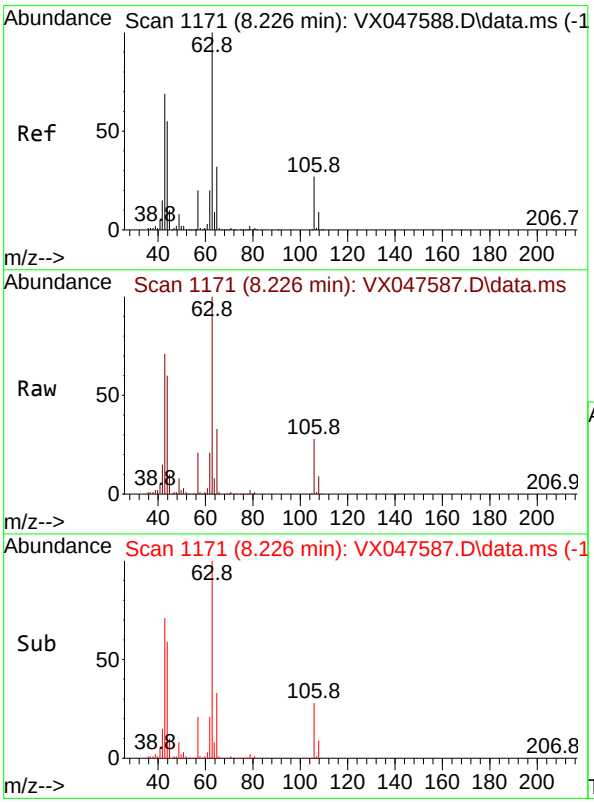
Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

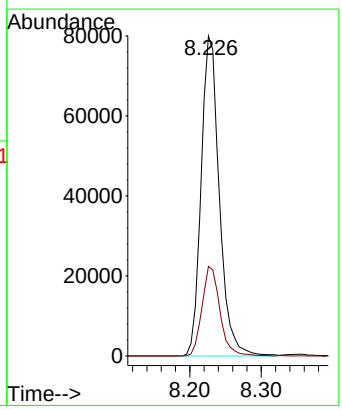
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

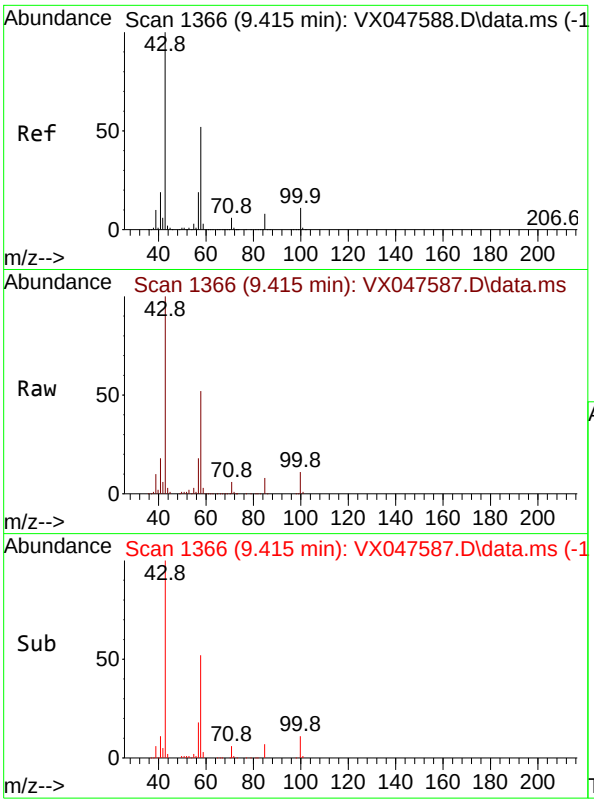


#58
2-Chloroethyl Vinyl ether
Concen: 86.617 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 63 Resp: 141395

Ion	Ratio	Lower	Upper
63	100		
106	27.5	21.9	32.9

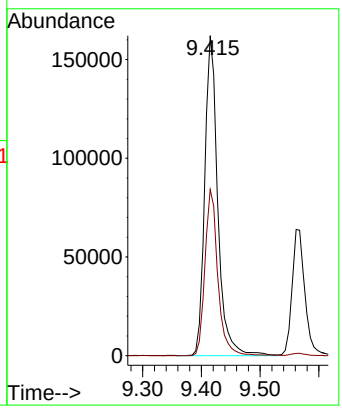




#59
2-Hexanone
Concen: 108.488 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 25000

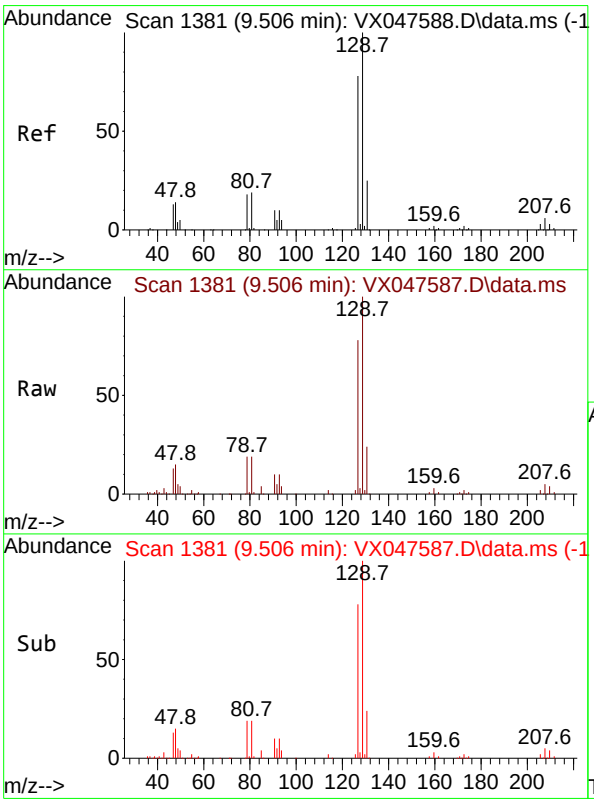
Ion	Ratio	Lower	Upper
43	100		
58	51.4	26.1	78.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

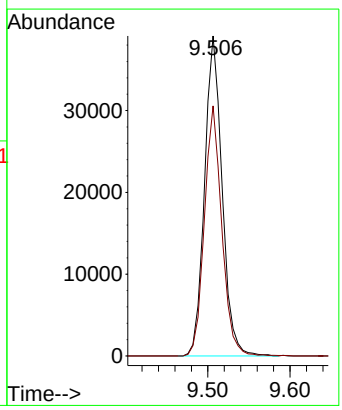
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

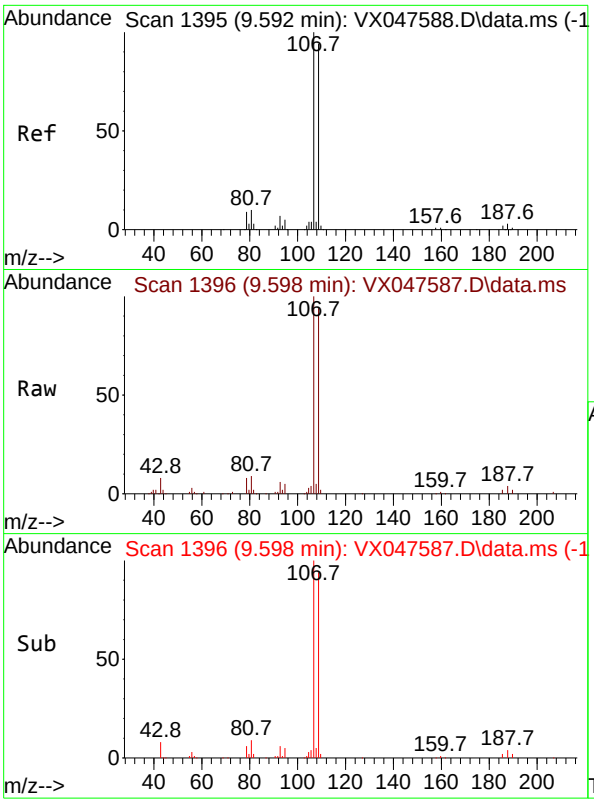


#60
Dibromochloromethane
Concen: 21.167 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:129 Resp: 57994

Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.4	115.2

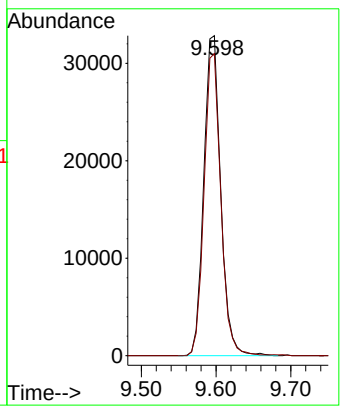




#61
1,2-Dibromoethane
Concen: 21.310 ug/l
RT: 9.598 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:107 Resp: 5161

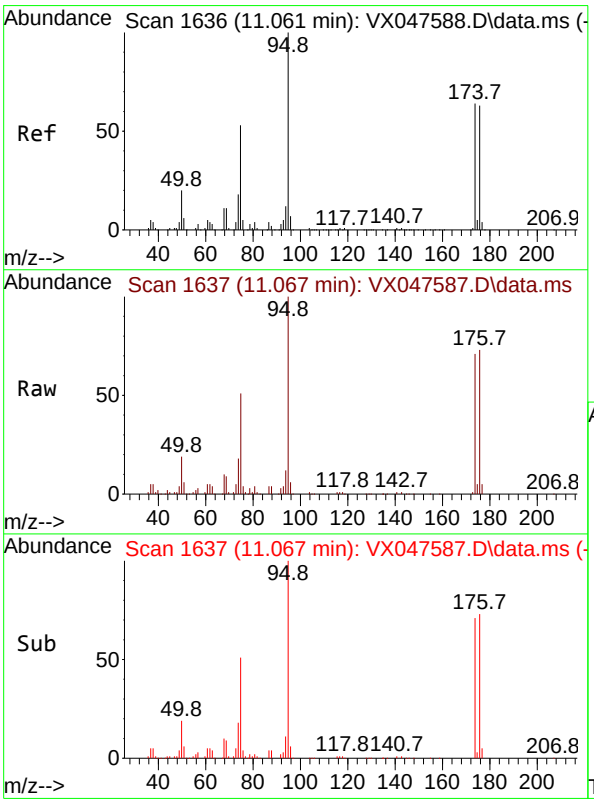
Ion	Ratio	Lower	Upper
107	100		
109	93.4	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

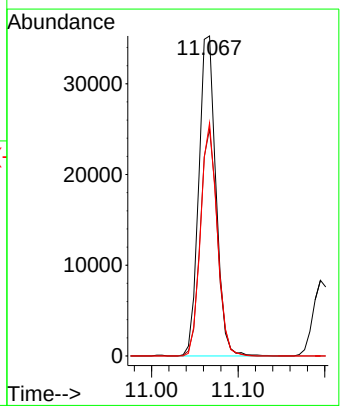
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

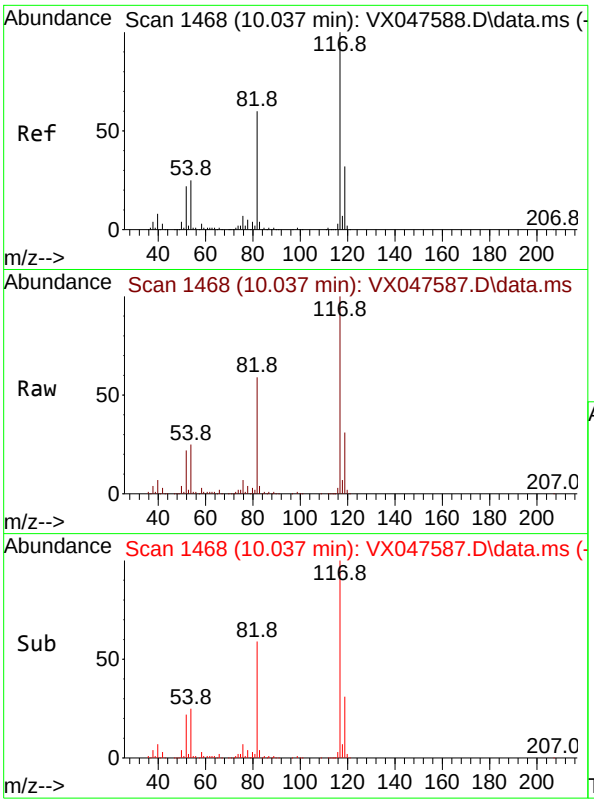


#62
4-Bromofluorobenzene
Concen: 16.360 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 95 Resp: 48454

Ion	Ratio	Lower	Upper
95	100		
174	70.2	0.0	141.6
176	70.3	0.0	138.4

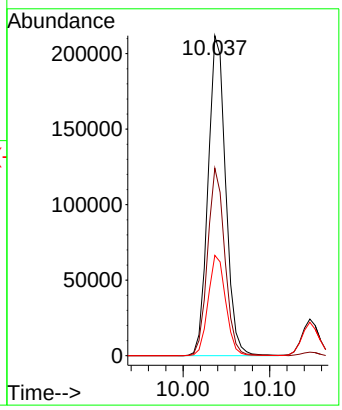




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:117 Resp: 29862

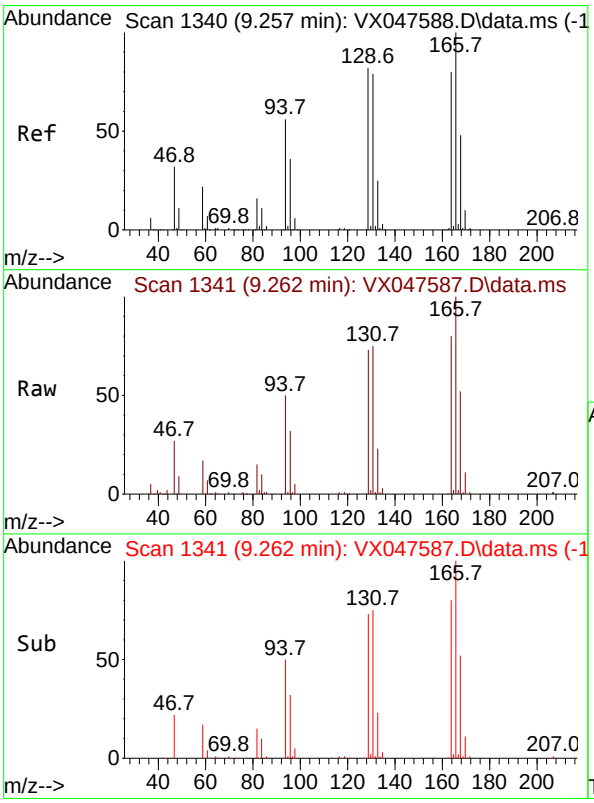
Ion	Ratio	Lower	Upper
117	100		
82	58.6	47.8	71.6
119	31.3	25.2	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

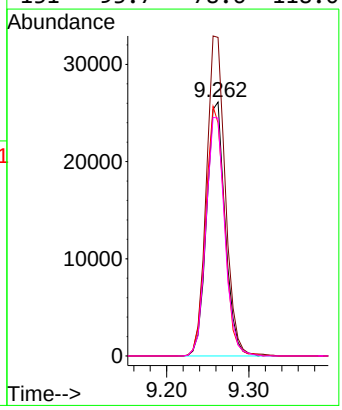
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

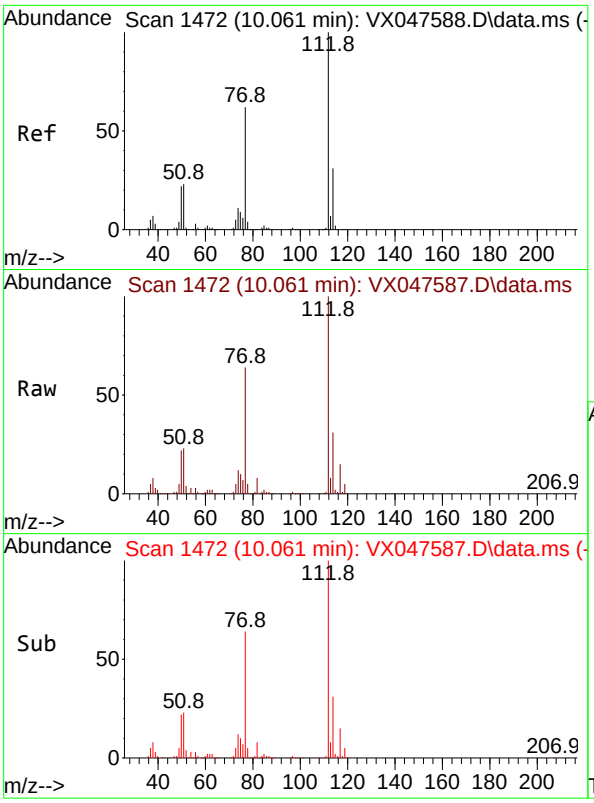


#64
Tetrachloroethene
Concen: 20.979 ug/l
RT: 9.262 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:164 Resp: 40840

Ion	Ratio	Lower	Upper
164	100		
166	125.4	100.2	150.2
129	91.8	81.8	122.6
131	93.7	78.6	118.0





#65
Chlorobenzene
Concen: 20.731 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

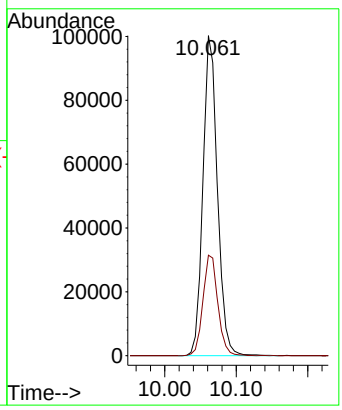
Tgt Ion:112 Resp: 14064

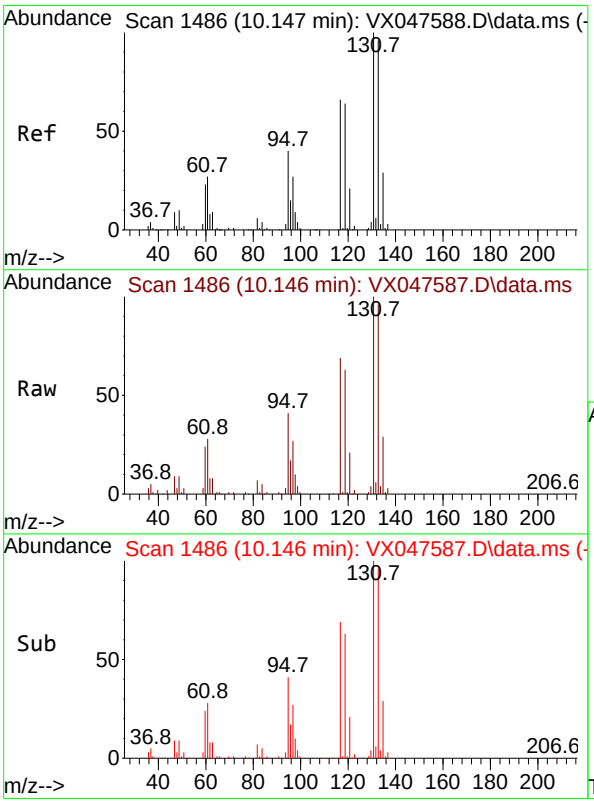
Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.1	37.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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

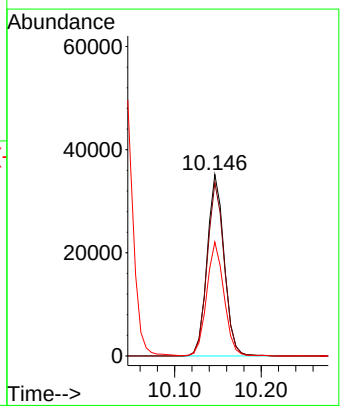


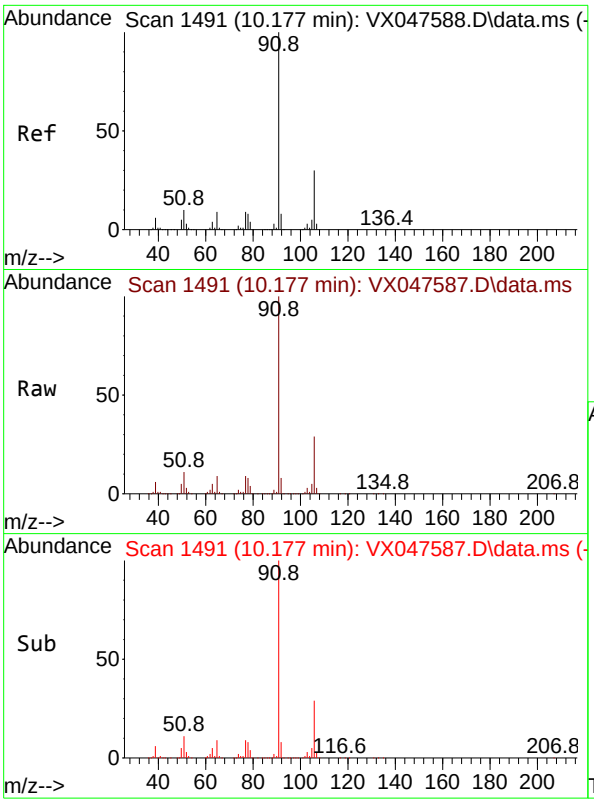


#66
1,1,1,2-Tetrachloroethane
Concen: 20.513 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:131 Resp: 48022

Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.3	142.0
119	63.9	32.0	96.0





#67
Ethyl Benzene
Concen: 20.907 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

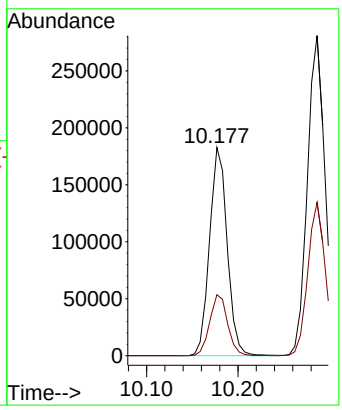
Tgt Ion: 91 Resp: 24473

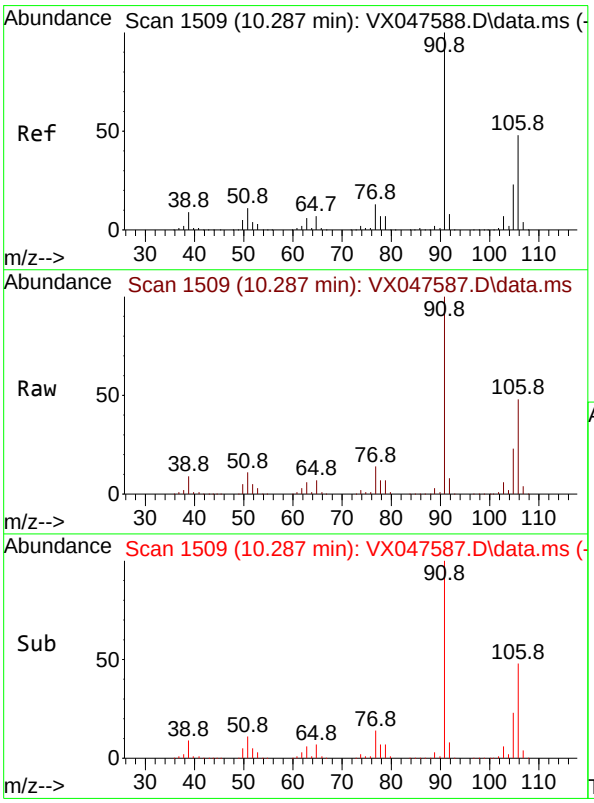
Ion	Ratio	Lower	Upper
91	100		
106	29.3	24.3	36.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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

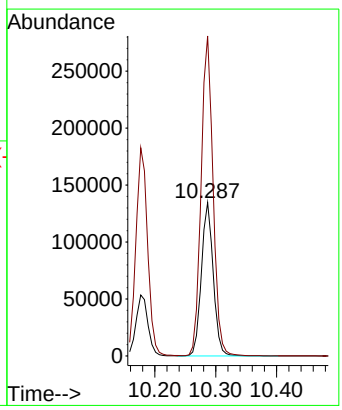


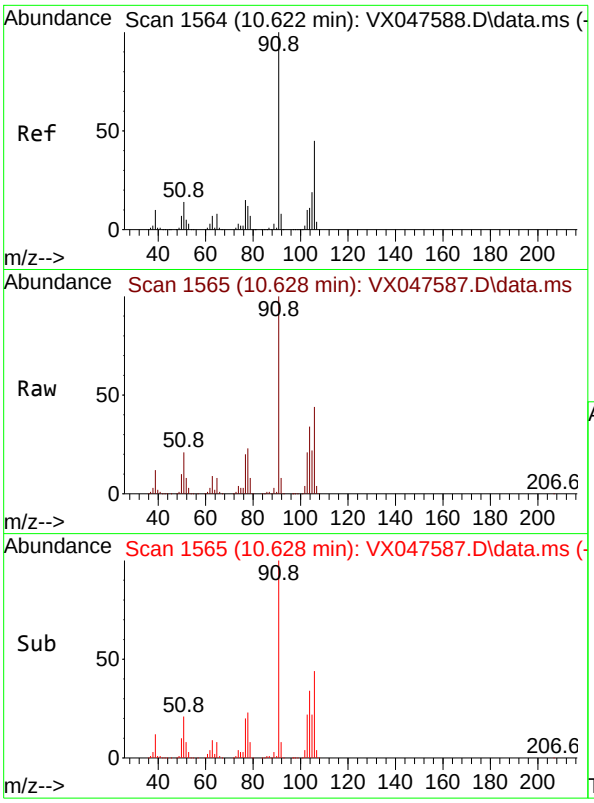


#68
m/p-Xylenes
Concen: 41.951 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:106 Resp: 182778

Ion	Ratio	Lower	Upper
106	100		
91	210.2	167.8	251.8

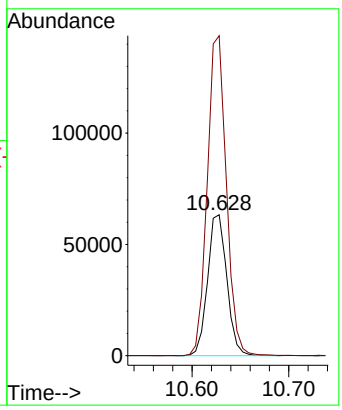




#69
o-Xylene
Concen: 20.799 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:106 Resp: 8765

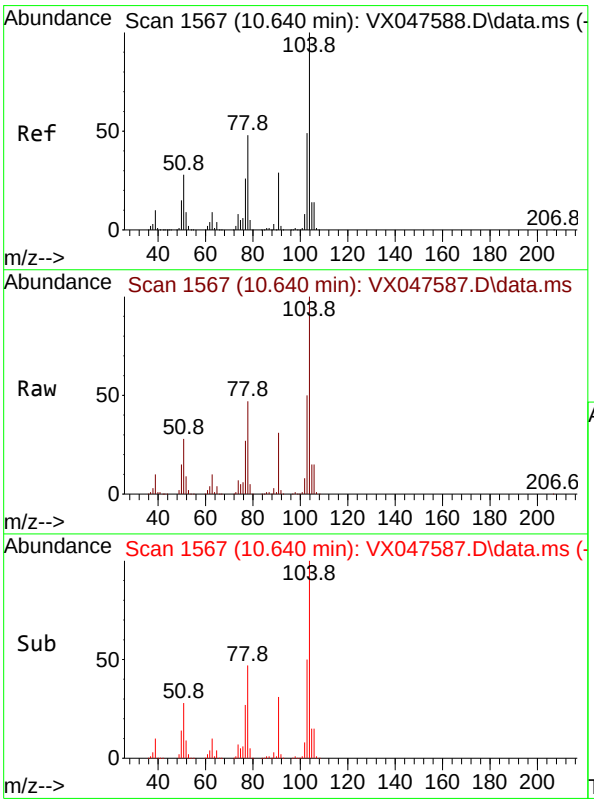
Ion	Ratio	Lower	Upper
106	100		
91	225.3	111.1	333.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

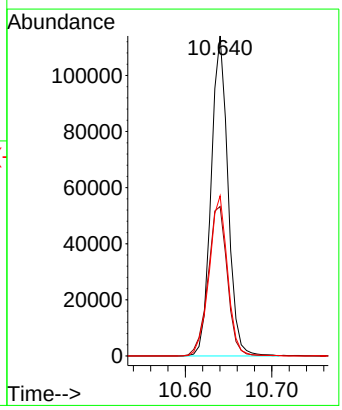
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

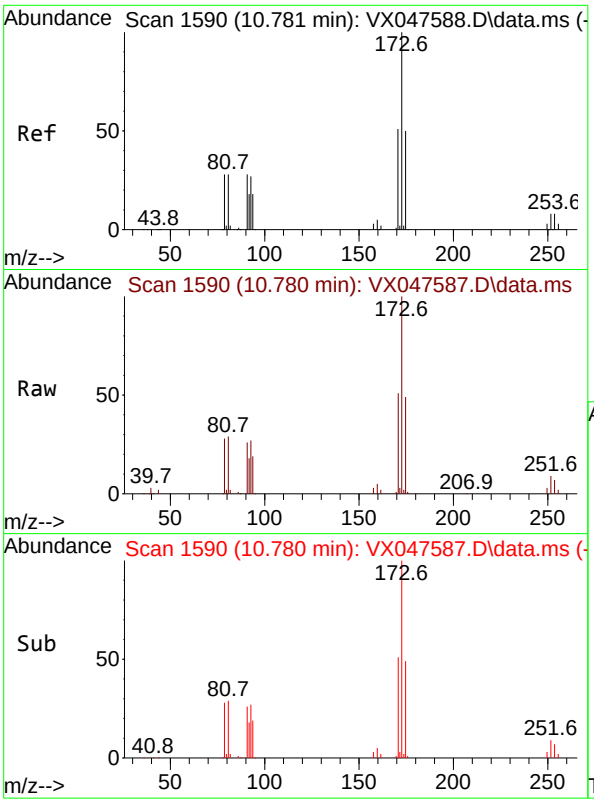


#70
Styrene
Concen: 20.866 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:104 Resp: 154077

Ion	Ratio	Lower	Upper
104	100		
78	53.6	43.1	64.7
103	54.4	43.1	64.7

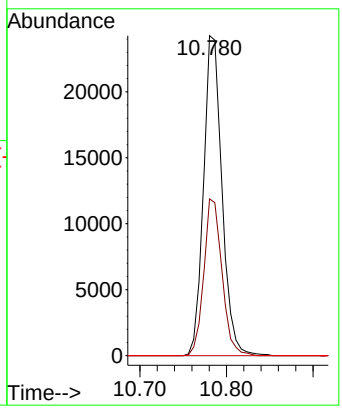




#71
Bromoform
Concen: 20.550 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:173 Resp: 3592

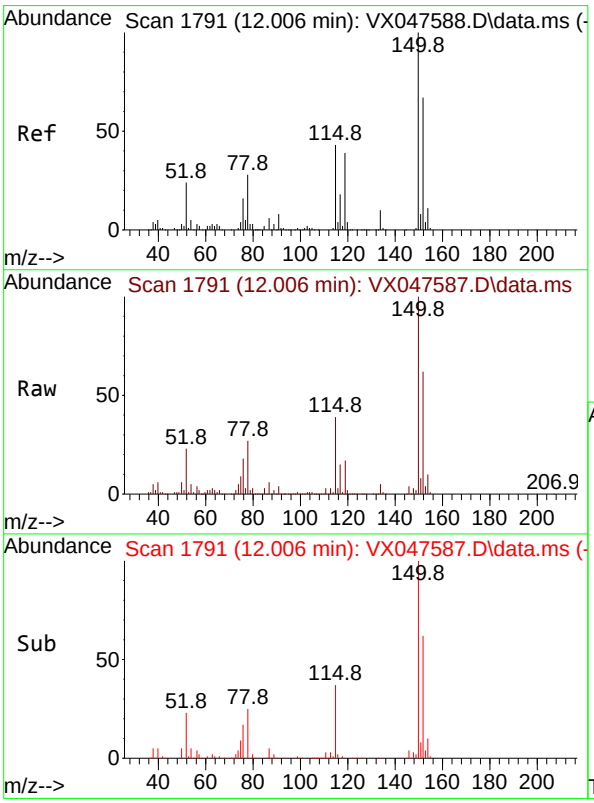
Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.9	74.6
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

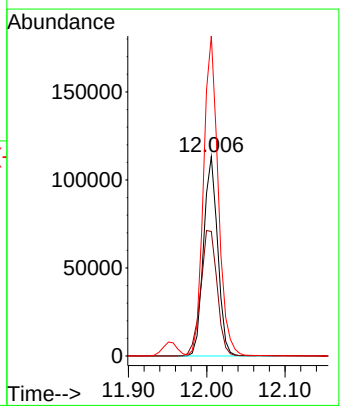
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

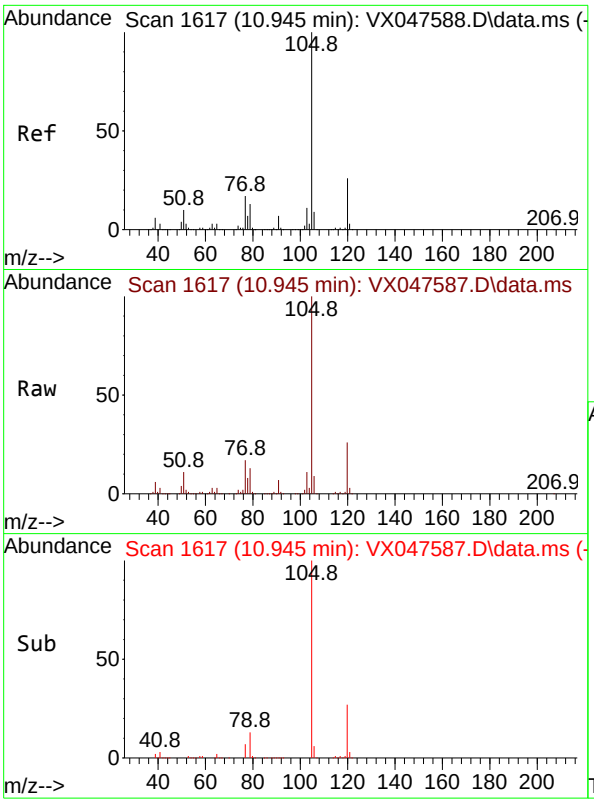


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:152 Resp: 141590

Ion	Ratio	Lower	Upper
152	100		
115	73.2	44.9	134.5
150	167.1	0.0	352.0

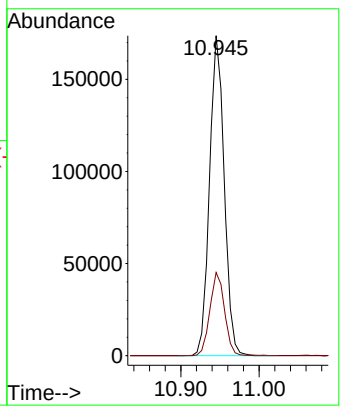




#73
Isopropylbenzene
Concen: 20.970 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:105 Resp: 22573

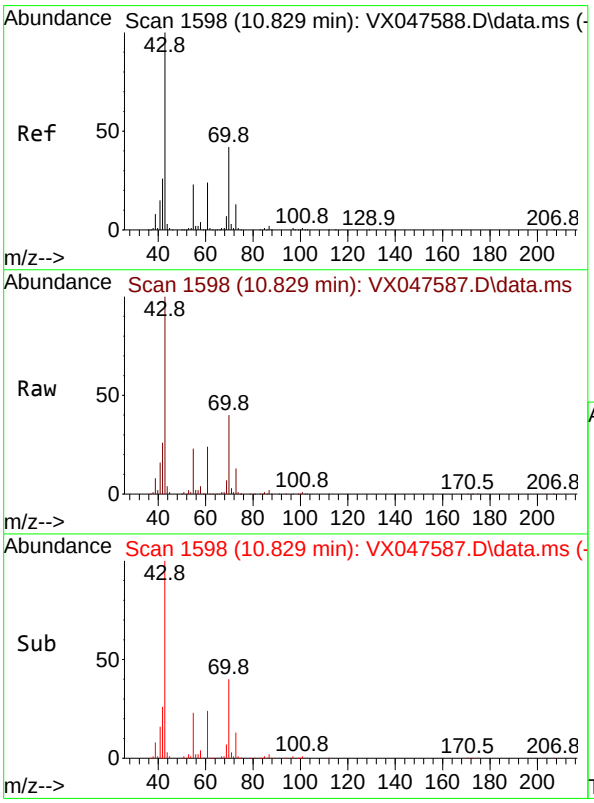
Ion	Ratio	Lower	Upper
105	100		
120	25.9	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

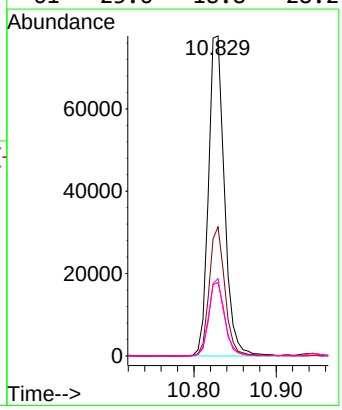
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

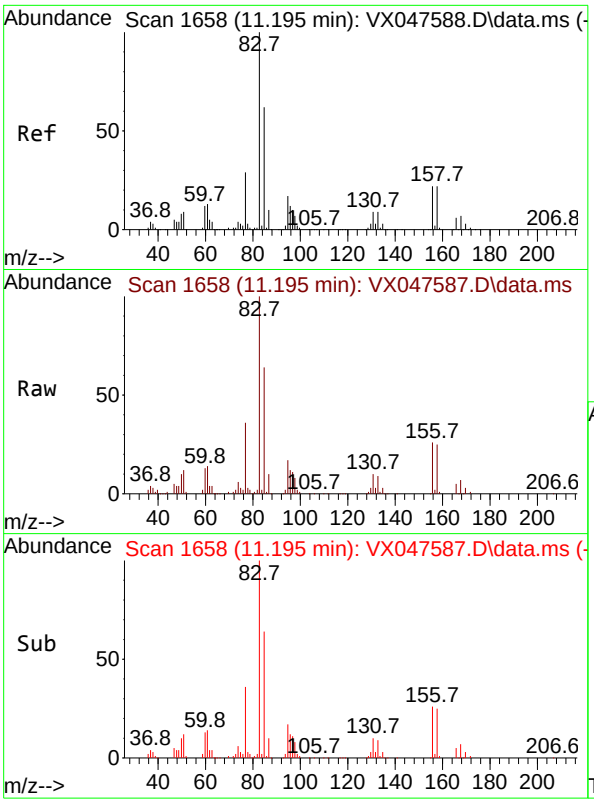


#74
N-amyl acetate
Concen: 21.354 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 104823

Ion	Ratio	Lower	Upper
43	100		
70	39.8	32.0	48.0
55	23.4	18.9	28.3
61	23.6	18.8	28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.920 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

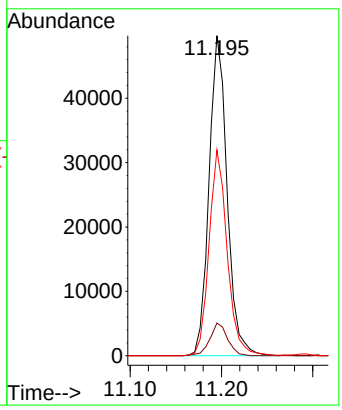
Tgt Ion: 83 Resp: 6813

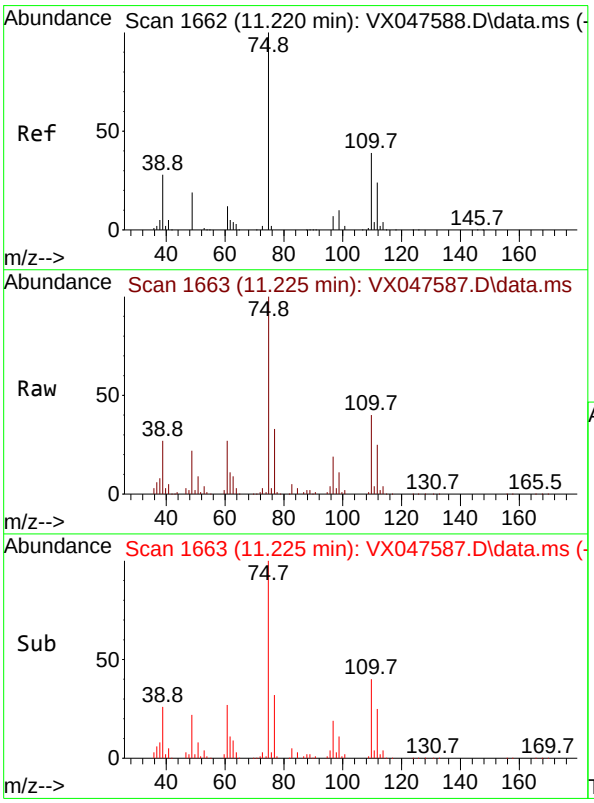
Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	14.9
85	64.4	31.6	95.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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

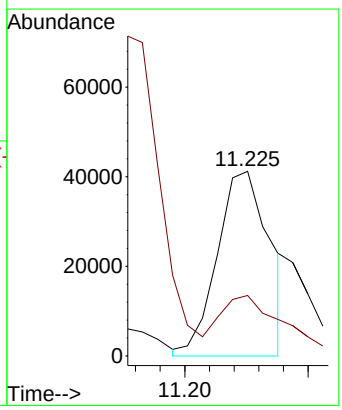


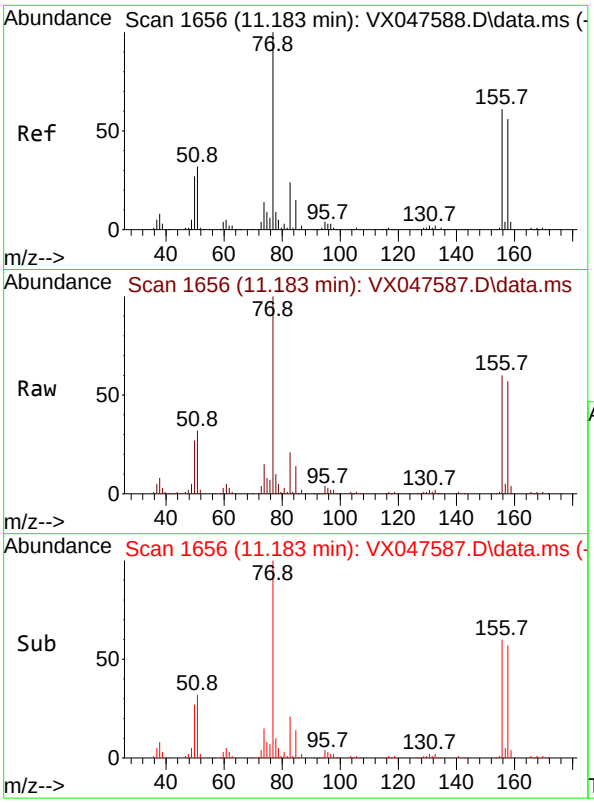


#76
1,2,3-Trichloropropane
Concen: 20.680 ug/l m
RT: 11.225 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 75 Resp: 60797

Ion	Ratio	Lower	Upper
75	100		
77	39.6	18.8	56.4

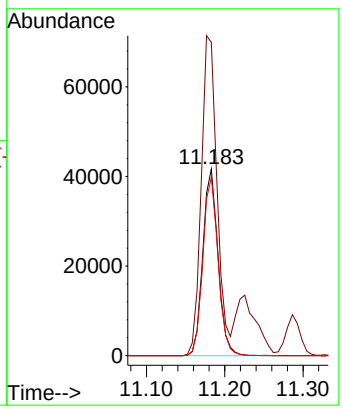




#77
Bromobenzene
Concen: 21.183 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:156 Resp: 5616

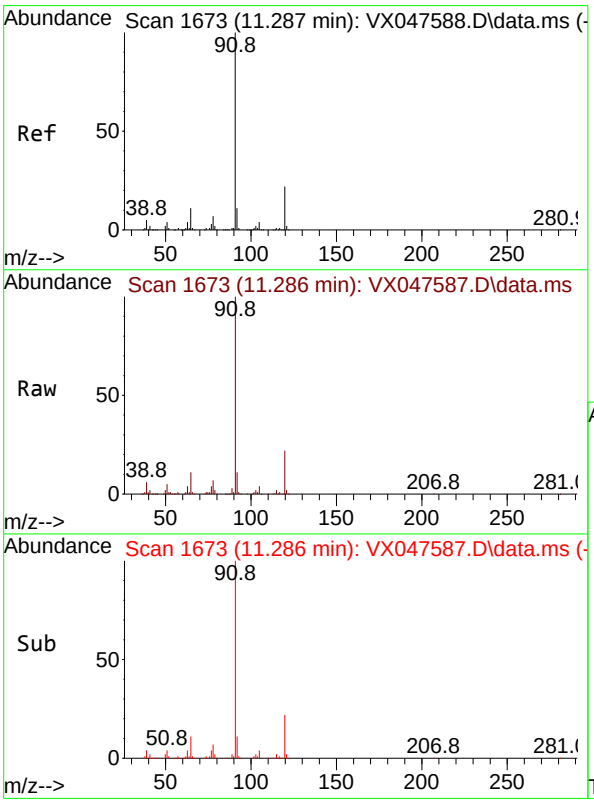
Ion	Ratio	Lower	Upper
156	100		
77	177.4	89.7	269.1
158	95.2	47.9	143.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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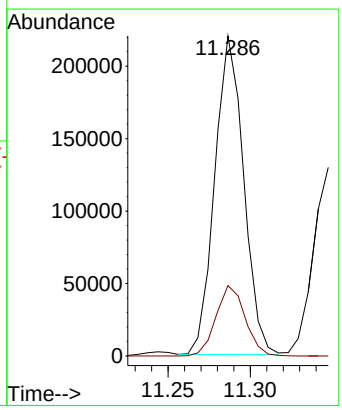
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

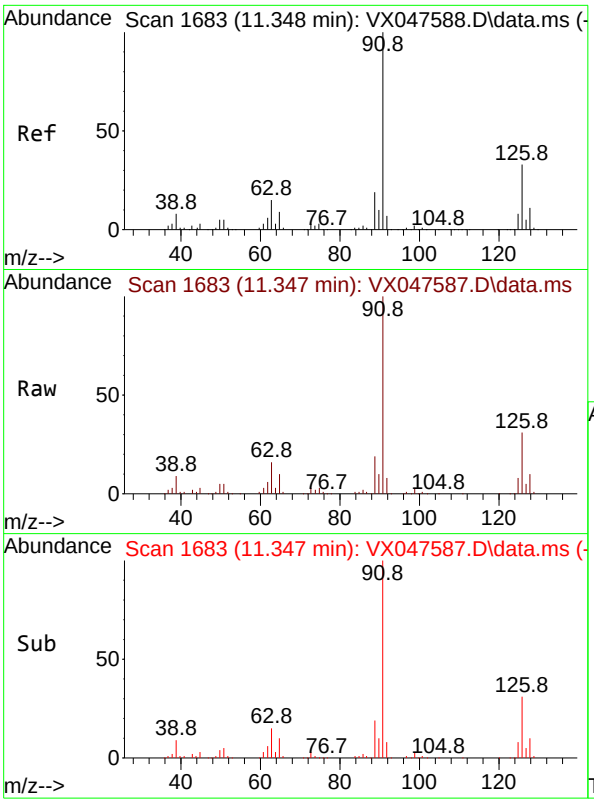


#78
n-propylbenzene
Concen: 21.092 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 91 Resp: 268399

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.1	33.1





#79
2-Chlorotoluene
Concen: 21.329 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

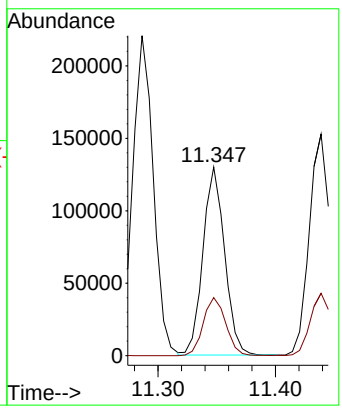
Tgt Ion: 91 Resp: 16623

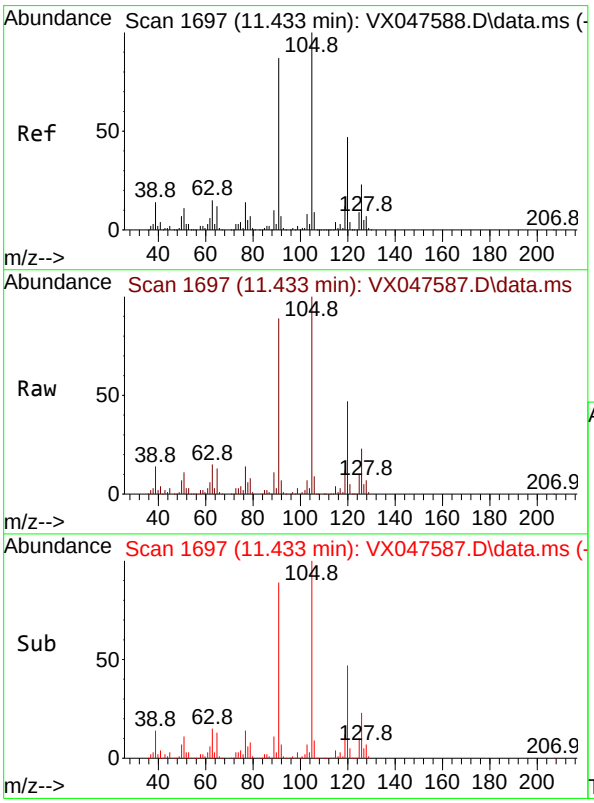
Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.1	48.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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

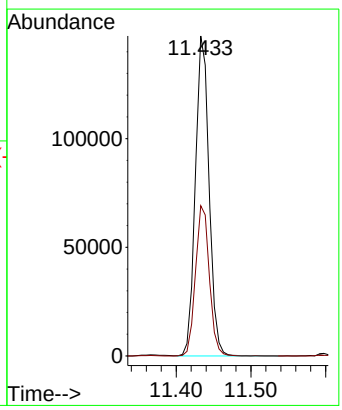


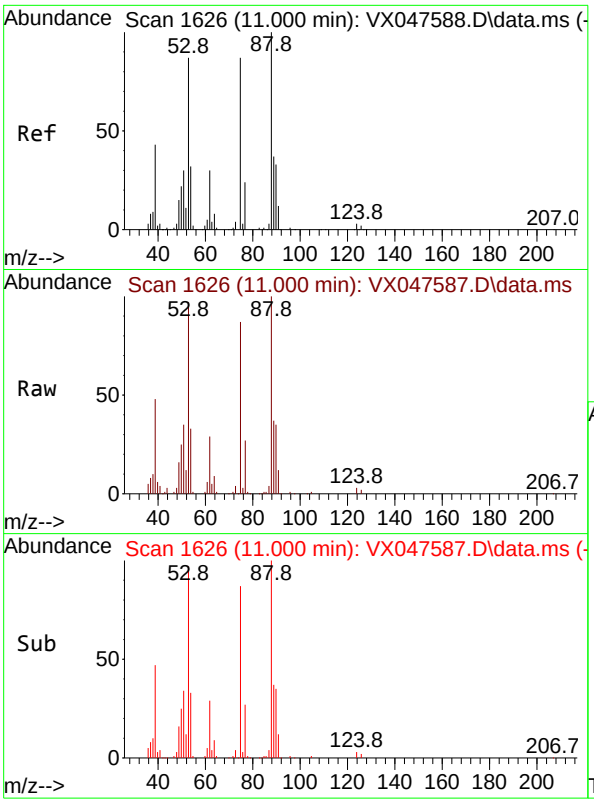


#80
1,3,5-Trimethylbenzene
Concen: 21.202 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:105 Resp: 187513

Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.6	70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 19.173 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

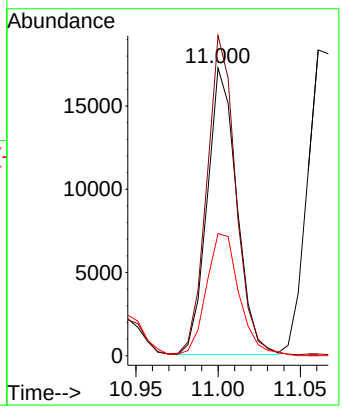
Tgt Ion: 75 Resp: 2155

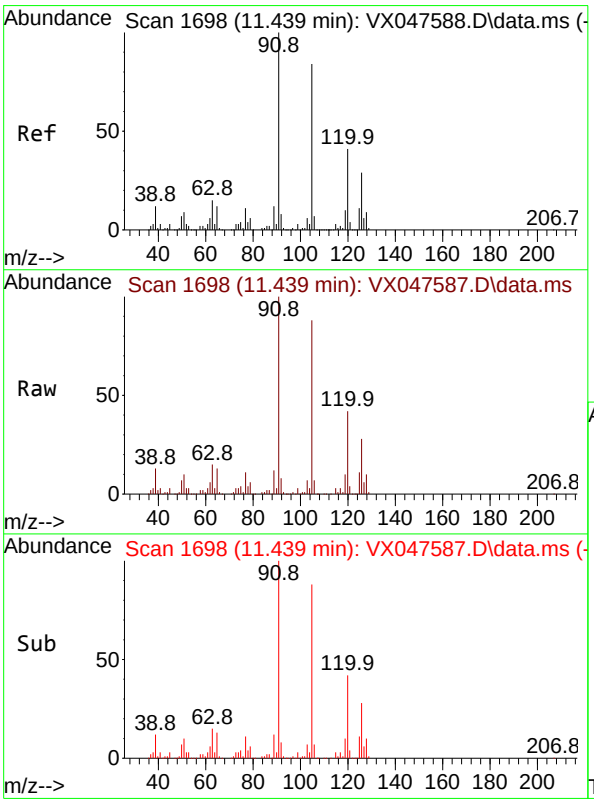
Ion	Ratio	Lower	Upper
75	100		
53	109.1	83.4	125.2
89	47.6	36.3	54.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

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

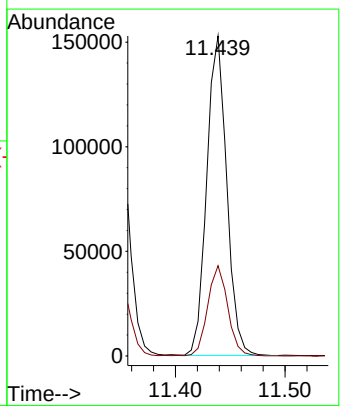


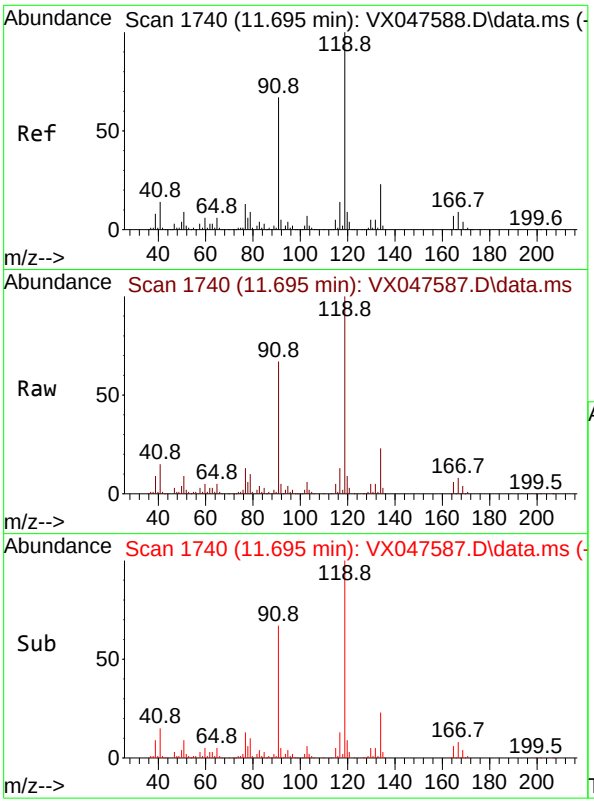


#82
4-Chlorotoluene
Concen: 20.980 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 91 Resp: 193122

Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.2	42.6

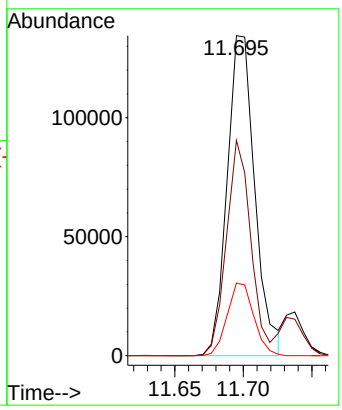




#83
tert-Butylbenzene
Concen: 20.929 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:119 Resp: 18948

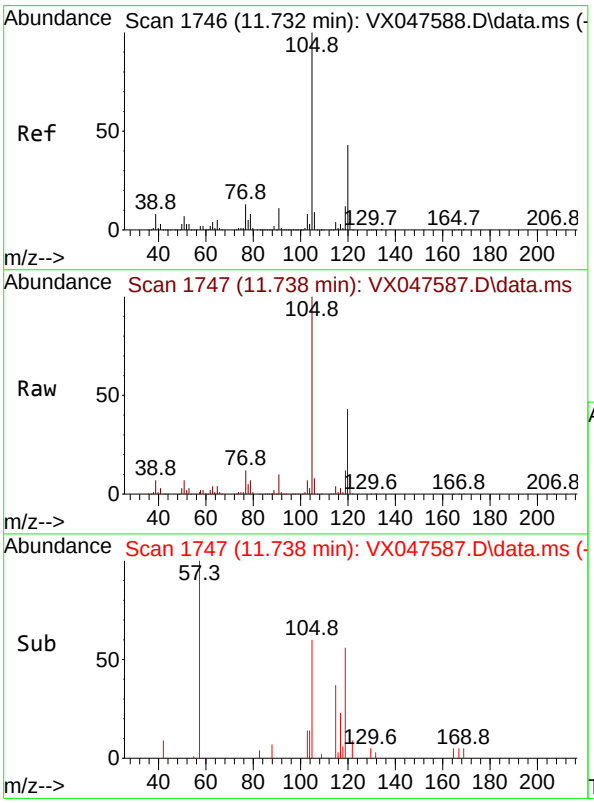
Ion	Ratio	Lower	Upper
119	100		
91	59.2	29.6	88.8
134	21.8	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

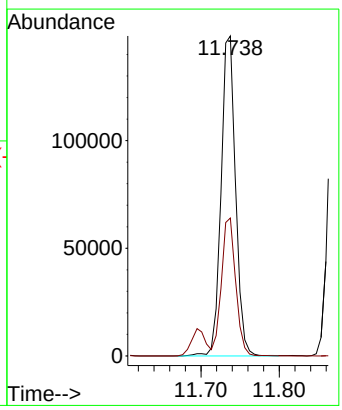
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

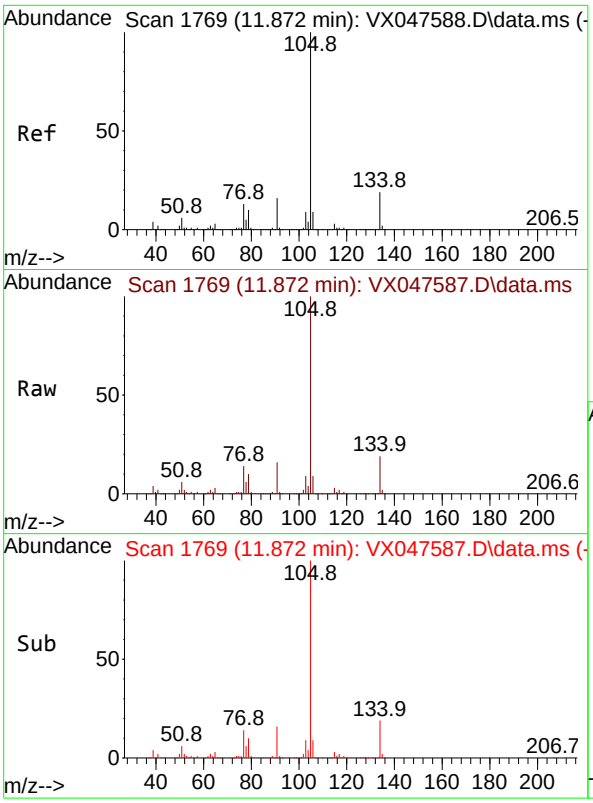


#84
1,2,4-Trimethylbenzene
Concen: 21.355 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:105 Resp: 191477

Ion	Ratio	Lower	Upper
105	100		
120	42.6	22.1	66.1

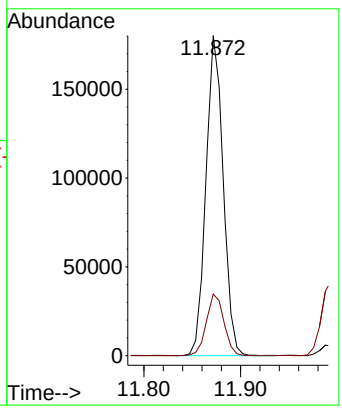




#85
sec-Butylbenzene
Concen: 20.777 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:105 Resp: 22343

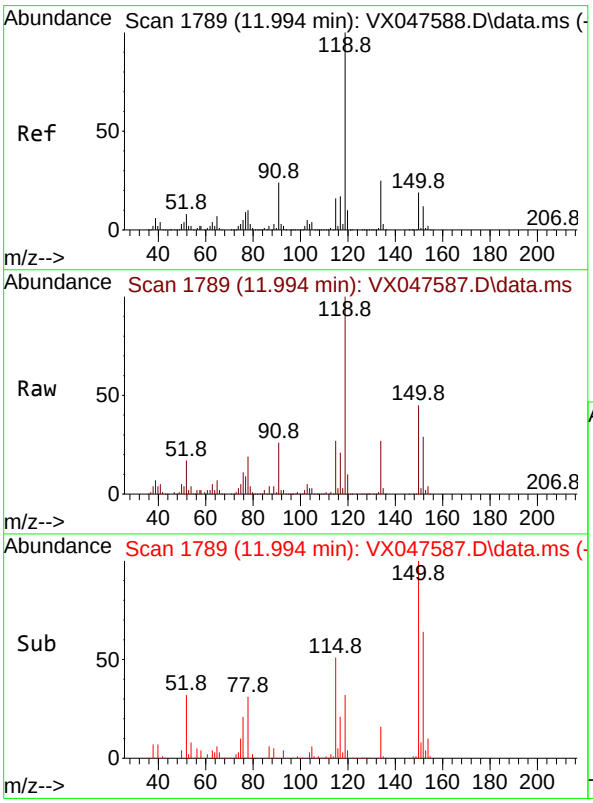
Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

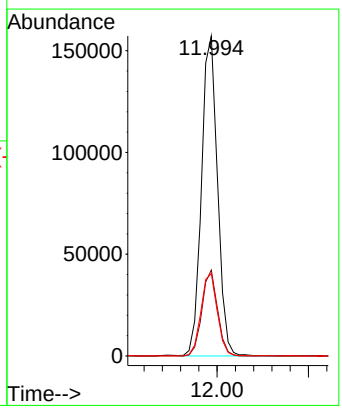
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

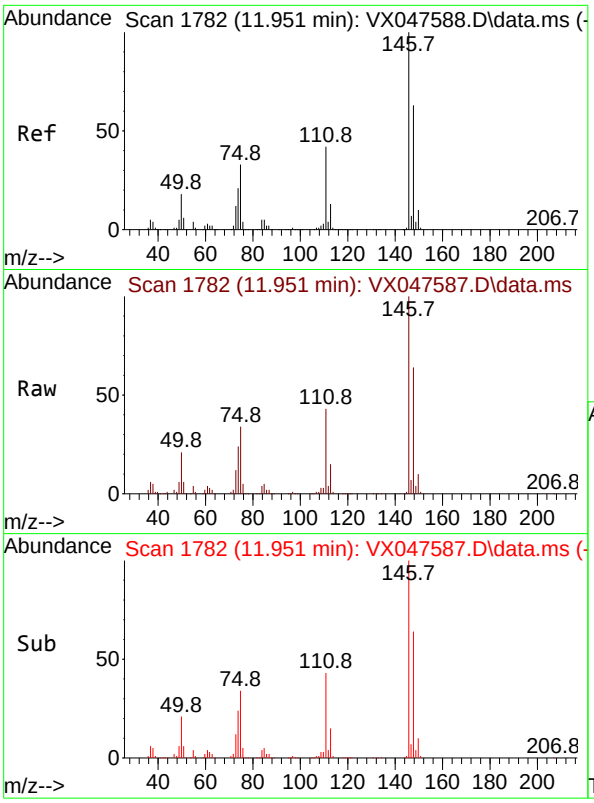


#86
p-Isopropyltoluene
Concen: 20.972 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:119 Resp: 190931

Ion	Ratio	Lower	Upper
119	100		
134	26.1	12.6	37.8
91	26.2	12.6	37.6

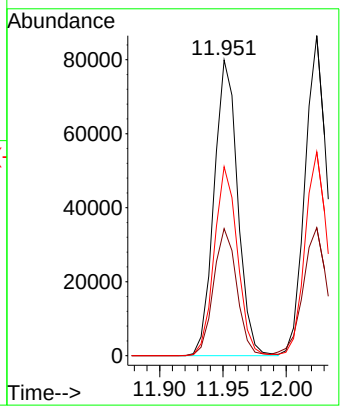




#87
1,3-Dichlorobenzene
Concen: 21.035 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:146 Resp: 10358

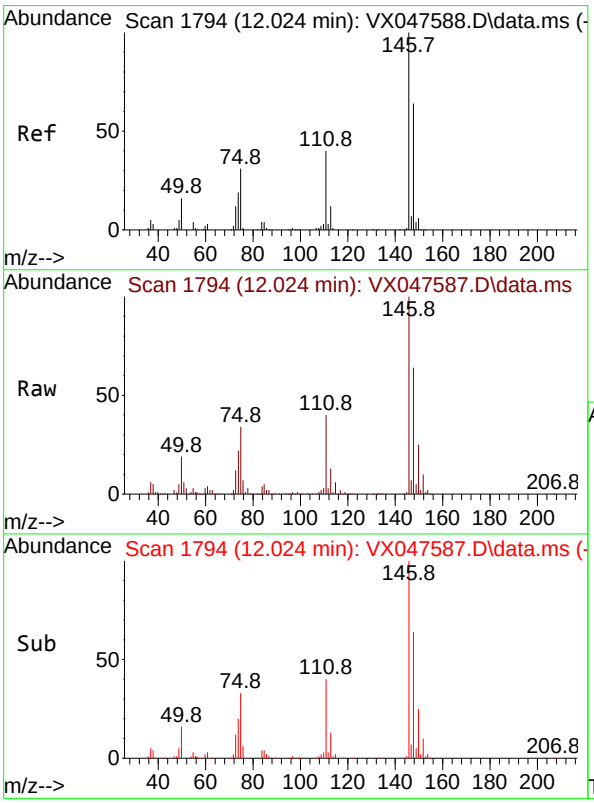
Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.5	64.5
148	62.7	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

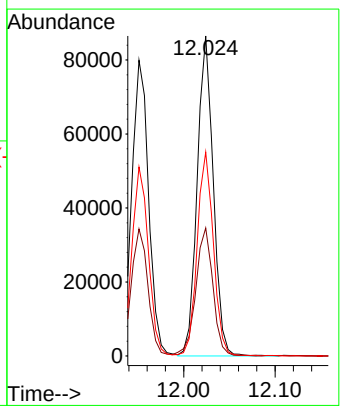
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

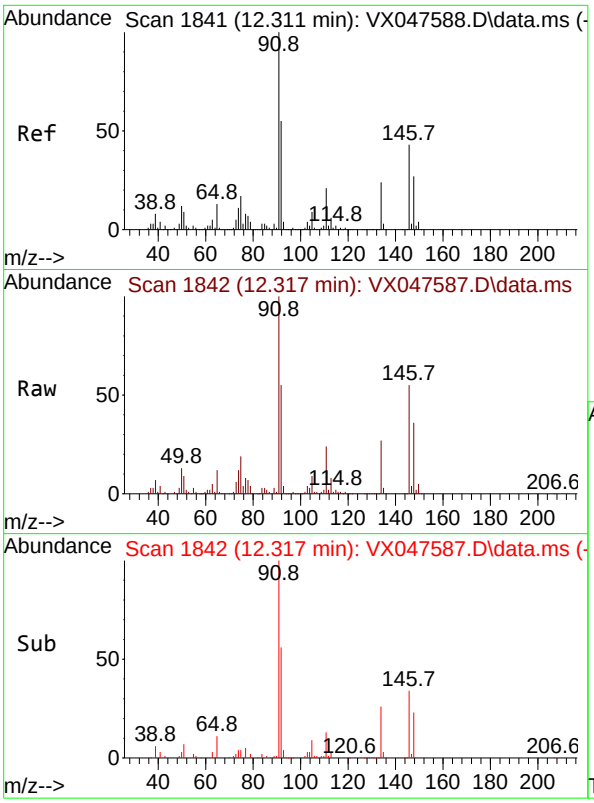


#88
1,4-Dichlorobenzene
Concen: 20.937 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:146 Resp: 105819

Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.8	62.4
148	64.4	31.7	95.1

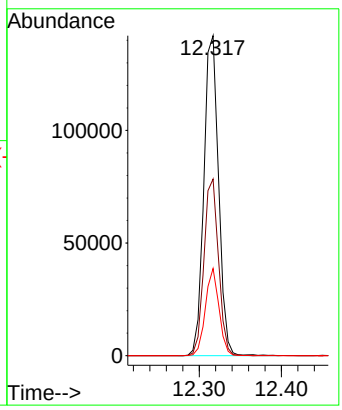




#89
n-Butylbenzene
Concen: 20.937 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 91 Resp: 17637

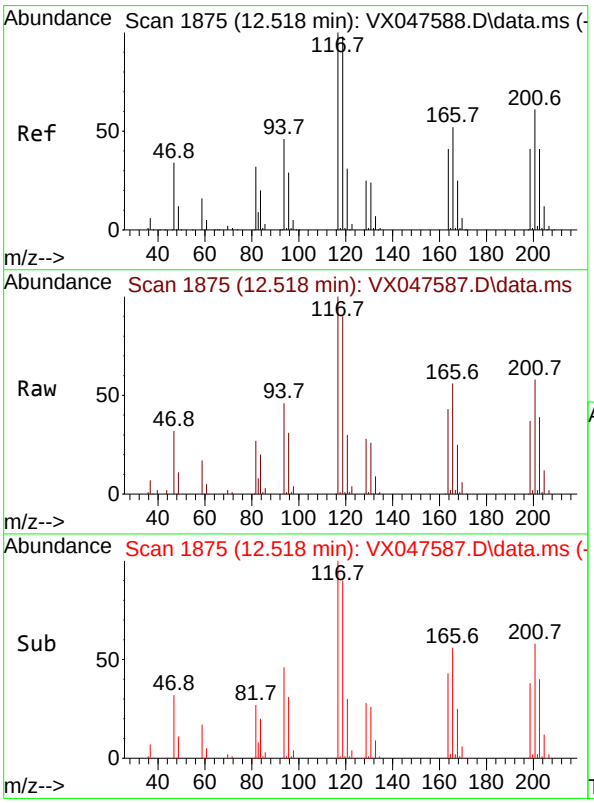
Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.6	82.7
134	25.3	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

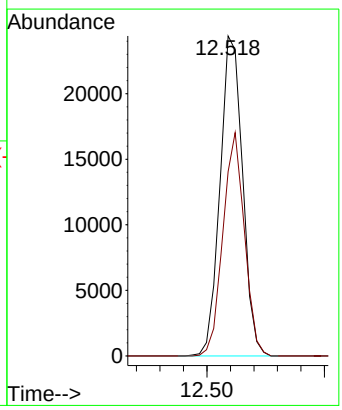
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

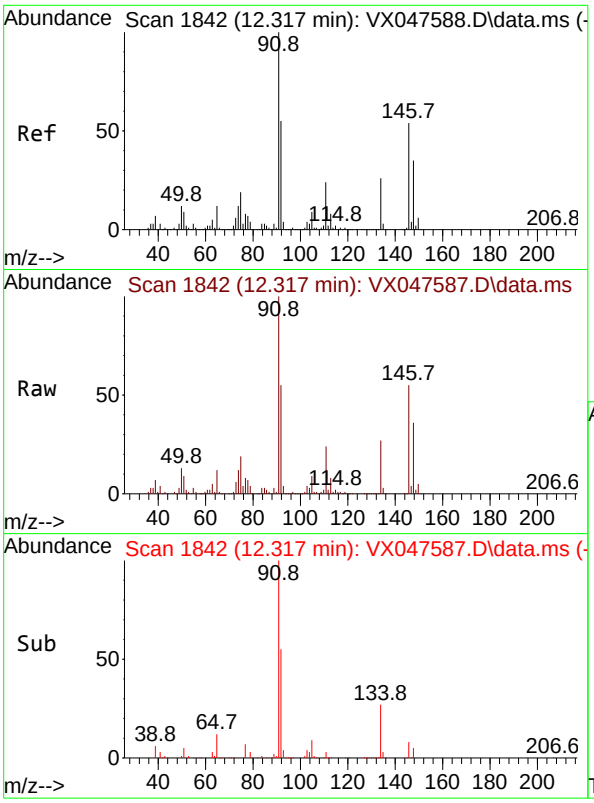


#90
Hexachloroethane
Concen: 20.349 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:117 Resp: 32526

Ion	Ratio	Lower	Upper
117	100		
201	66.6	34.2	102.5

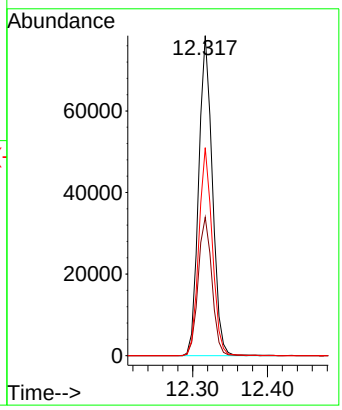




#91
1,2-Dichlorobenzene
Concen: 21.207 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:146 Resp: 9949

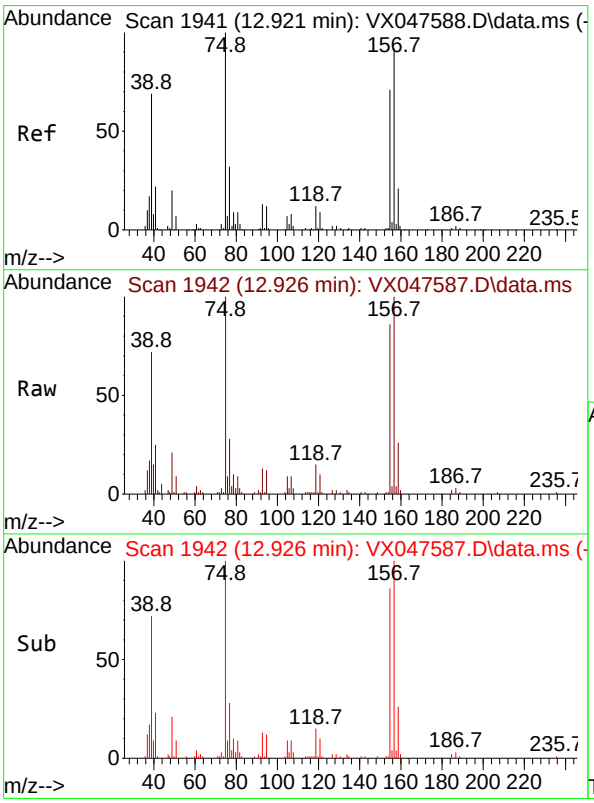
Ion	Ratio	Lower	Upper
146	100		
111	43.4	22.2	66.6
148	63.9	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

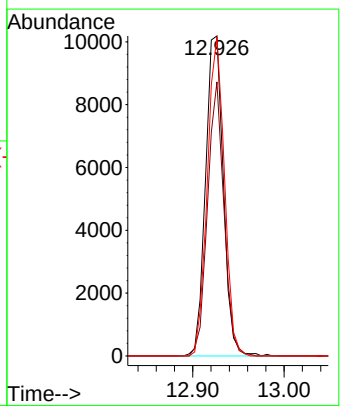
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

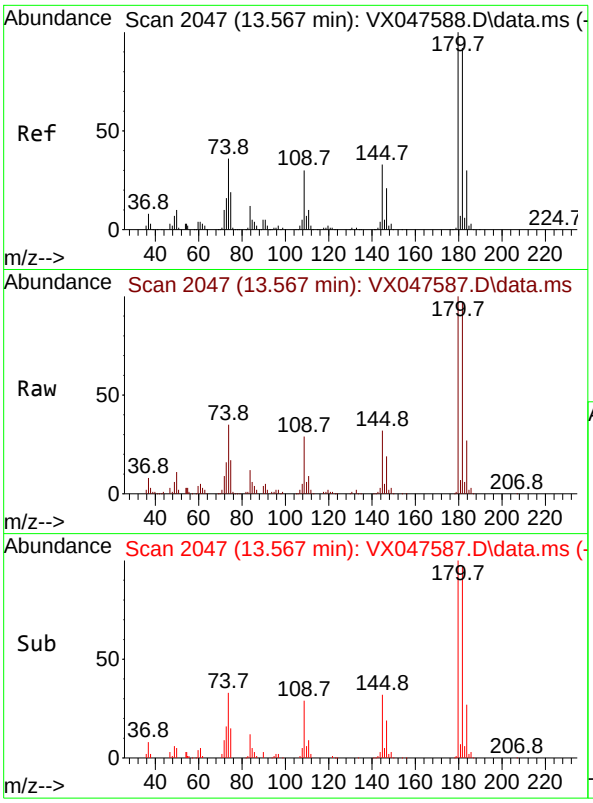


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.821 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 75 Resp: 13729

Ion	Ratio	Lower	Upper
75	100		
155	78.8	37.7	113.1
157	95.9	49.8	149.4

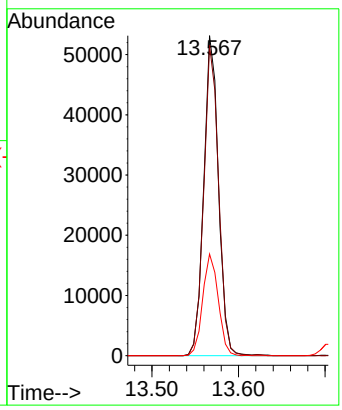




#93
1,2,4-Trichlorobenzene
Concen: 20.571 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:180 Resp: 6272

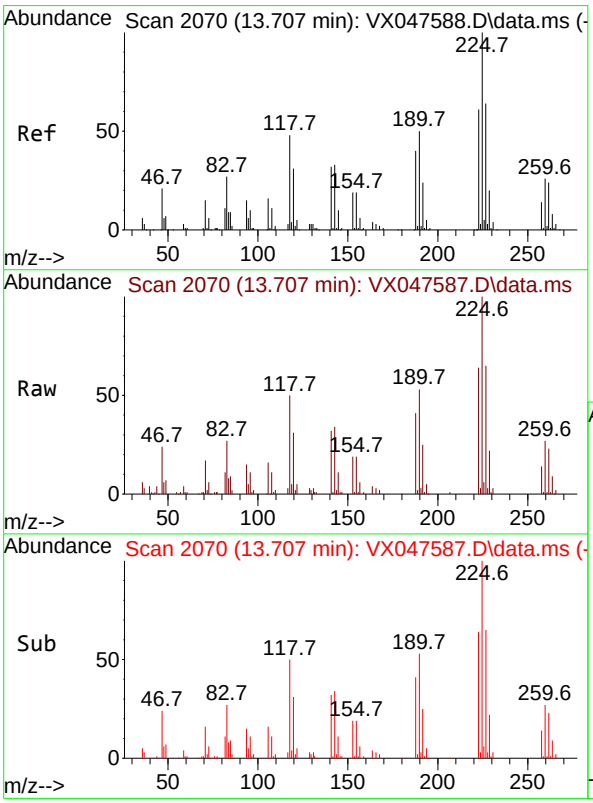
Ion	Ratio	Lower	Upper
180	100		
182	97.8	46.6	139.8
145	33.4	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

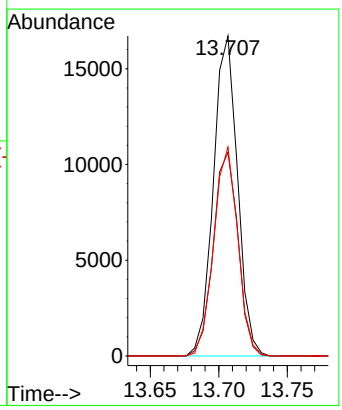
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

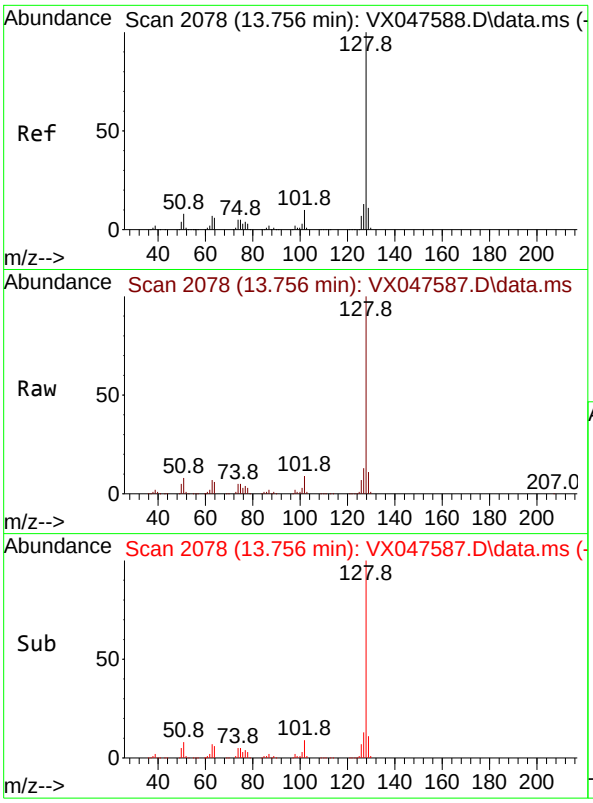


#94
Hexachlorobutadiene
Concen: 19.751 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:225 Resp: 20456

Ion	Ratio	Lower	Upper
225	100		
223	65.0	31.7	95.1
227	65.1	32.0	96.0

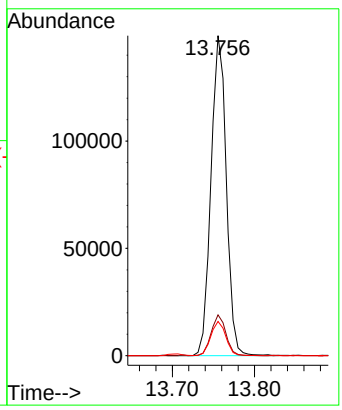




#95
Naphthalene
Concen: 20.801 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:128 Resp: 19313

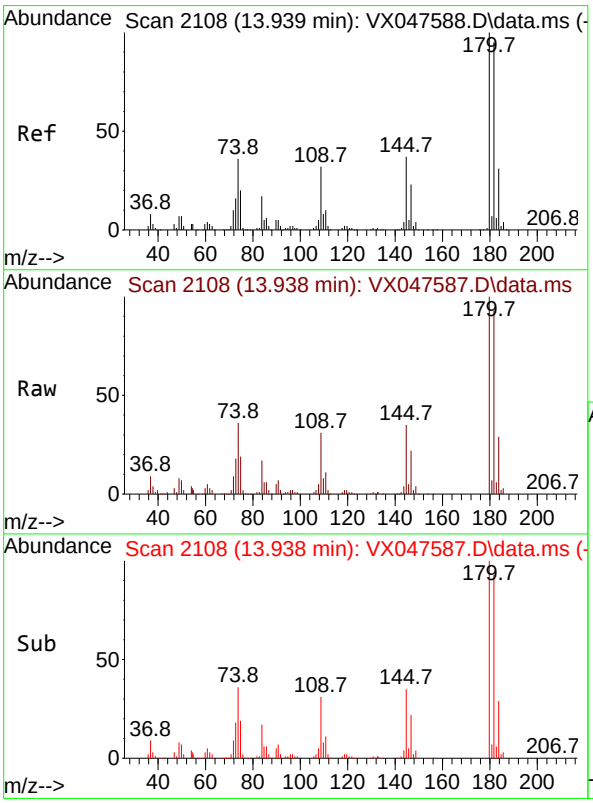
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.2
129	10.5	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

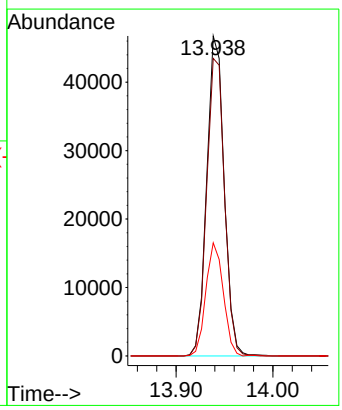
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.593 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:180 Resp: 58409

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.6	142.8
145	35.5	17.9	53.7



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 17 06:13:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	173407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	307383	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	270040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	127732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	133606	48.404	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 96.800%			
35) Dibromofluoromethane	5.373	113	101627	49.298	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.600%			
50) Toluene-d8	8.635	98	352578	49.428	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.860%			
62) 4-Bromofluorobenzene	11.061	95	131217	48.471	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.940%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	86824	48.352	ug/l	100
3) Chloromethane	1.301	50	114682	48.594	ug/l	100
4) Vinyl Chloride	1.380	62	114666	49.635	ug/l	100
5) Bromomethane	1.618	94	73561	50.216	ug/l	100
6) Chloroethane	1.697	64	76736	49.698	ug/l	100
7) Trichlorofluoromethane	1.898	101	172561	50.307	ug/l	100
8) Diethyl Ether	2.136	74	70874	50.510	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	101178	50.445	ug/l	100
10) Methyl Iodide	2.459	142	158046	50.525	ug/l	100
11) Tert butyl alcohol	2.941	59	77232	251.232	ug/l	100
12) 1,1-Dichloroethene	2.325	96	104724	50.831	ug/l	100
13) Acrolein	2.239	56	70721	249.645	ug/l	100
14) Allyl chloride	2.666	41	210001	49.396	ug/l	100
15) Acrylonitrile	3.063	53	300642	264.027	ug/l	100
16) Acetone	2.374	43	275065	229.193	ug/l	100
17) Carbon Disulfide	2.520	76	271480	48.133	ug/l	100
18) Methyl Acetate	2.703	43	151968	56.897	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	389607	51.804	ug/l	100
20) Methylene Chloride	2.788	84	126506	49.798	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	112553	50.743	ug/l	100
22) Diisopropyl ether	3.758	45	429524	52.131	ug/l	100
23) Vinyl Acetate	3.715	43	1726735	261.852	ug/l	100
24) 1,1-Dichloroethane	3.605	63	224824	51.338	ug/l	100
25) 2-Butanone	4.538	43	380335	254.060	ug/l	100
26) 2,2-Dichloropropane	4.465	77	185247	50.888	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	140105	51.576	ug/l	100
28) Bromochloromethane	4.891	49	99991	52.301	ug/l	100
29) Tetrahydrofuran	4.989	42	238677	265.026	ug/l	100
30) Chloroform	5.080	83	229430	51.844	ug/l	100
31) Cyclohexane	5.458	56	178546	48.952	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	195407	52.058	ug/l	100
36) 1,1-Dichloropropene	5.684	75	149800	49.729	ug/l	100
37) Ethyl Acetate	4.702	43	163482	50.687	ug/l	100
38) Carbon Tetrachloride	5.672	117	165730	50.637	ug/l	100
39) Methylcyclohexane	7.367	83	173610	50.773	ug/l	100
40) Benzene	6.025	78	468136	51.167	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 17 06:13:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	87761	52.707	ug/l		100
42) 1,2-Dichloroethane	6.074	62	179037	51.431	ug/l		100
43) Isopropyl Acetate	6.324	43	275572	52.096	ug/l		100
44) Trichloroethene	7.111	130	113832	51.463	ug/l		100
45) 1,2-Dichloropropane	7.415	63	122109	52.122	ug/l		100
46) Dibromomethane	7.568	93	88505	51.914	ug/l		100
47) Bromodichloromethane	7.806	83	186540	53.025	ug/l		100
48) Methyl methacrylate	7.678	41	138167	52.438	ug/l		100
49) 1,4-Dioxane	7.647	88	29496	1107.698	ug/l		100
51) 4-Methyl-2-Pentanone	8.562	43	784978	267.650	ug/l		100
52) Toluene	8.702	92	288853	51.244	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	190282	53.027	ug/l		100
54) cis-1,3-Dichloropropene	8.354	75	200859	52.369	ug/l		100
55) 1,1,2-Trichloroethane	9.135	97	112837	51.915	ug/l		100
56) Ethyl methacrylate	9.104	69	184087	53.930	ug/l		100
57) 1,3-Dichloropropane	9.293	76	195989	52.492	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	418707	256.309	ug/l		100
59) 2-Hexanone	9.415	43	553313	262.683	ug/l		100
60) Dibromochloromethane	9.506	129	133737	53.401	ug/l		100
61) 1,2-Dibromoethane	9.592	107	116462	52.607	ug/l		100
64) Tetrachloroethene	9.257	164	88149	50.074	ug/l		100
65) Chlorobenzene	10.061	112	317982	51.833	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.147	131	111849	52.835	ug/l		100
67) Ethyl Benzene	10.177	91	550610	52.017	ug/l		100
68) m/p-Xylenes	10.287	106	412932	104.809	ug/l		100
69) o-Xylene	10.622	106	202291	53.084	ug/l		100
70) Styrene	10.640	104	350654	52.515	ug/l		100
71) Bromoform	10.781	173	84485	53.447	ug/l	#	100
73) Isopropylbenzene	10.945	105	516891	53.227	ug/l		100
74) N-amyl acetate	10.829	43	237846	53.710	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	156454	53.251	ug/l		100
76) 1,2,3-Trichloropropane	11.220	75	144074m	54.322	ug/l		
77) Bromobenzene	11.183	156	126174	52.754	ug/l		100
78) n-propylbenzene	11.287	91	612035	53.315	ug/l		100
79) 2-Chlorotoluene	11.348	91	372397	52.965	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	426989	53.518	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	52927	52.190	ug/l		100
82) 4-Chlorotoluene	11.439	91	438502	52.806	ug/l		100
83) tert-Butylbenzene	11.695	119	429107	52.539	ug/l		100
84) 1,2,4-Trimethylbenzene	11.732	105	427073	52.798	ug/l		100
85) sec-Butylbenzene	11.872	105	514442	53.029	ug/l		100
86) p-Isopropyltoluene	11.994	119	436704	53.172	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	232038	52.232	ug/l		100
88) 1,4-Dichlorobenzene	12.024	146	233975	51.316	ug/l		100
89) n-Butylbenzene	12.311	91	400997	52.766	ug/l		100
90) Hexachloroethane	12.518	117	75800	52.567	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	222993	52.688	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.921	75	32451	54.554	ug/l		100
93) 1,2,4-Trichlorobenzene	13.567	180	147670	53.685	ug/l		100
94) Hexachlorobutadiene	13.707	225	49061	52.510	ug/l		100
95) Naphthalene	13.756	128	452013	53.966	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	138978	54.316	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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

Quant Time: Sep 17 06:13:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

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

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

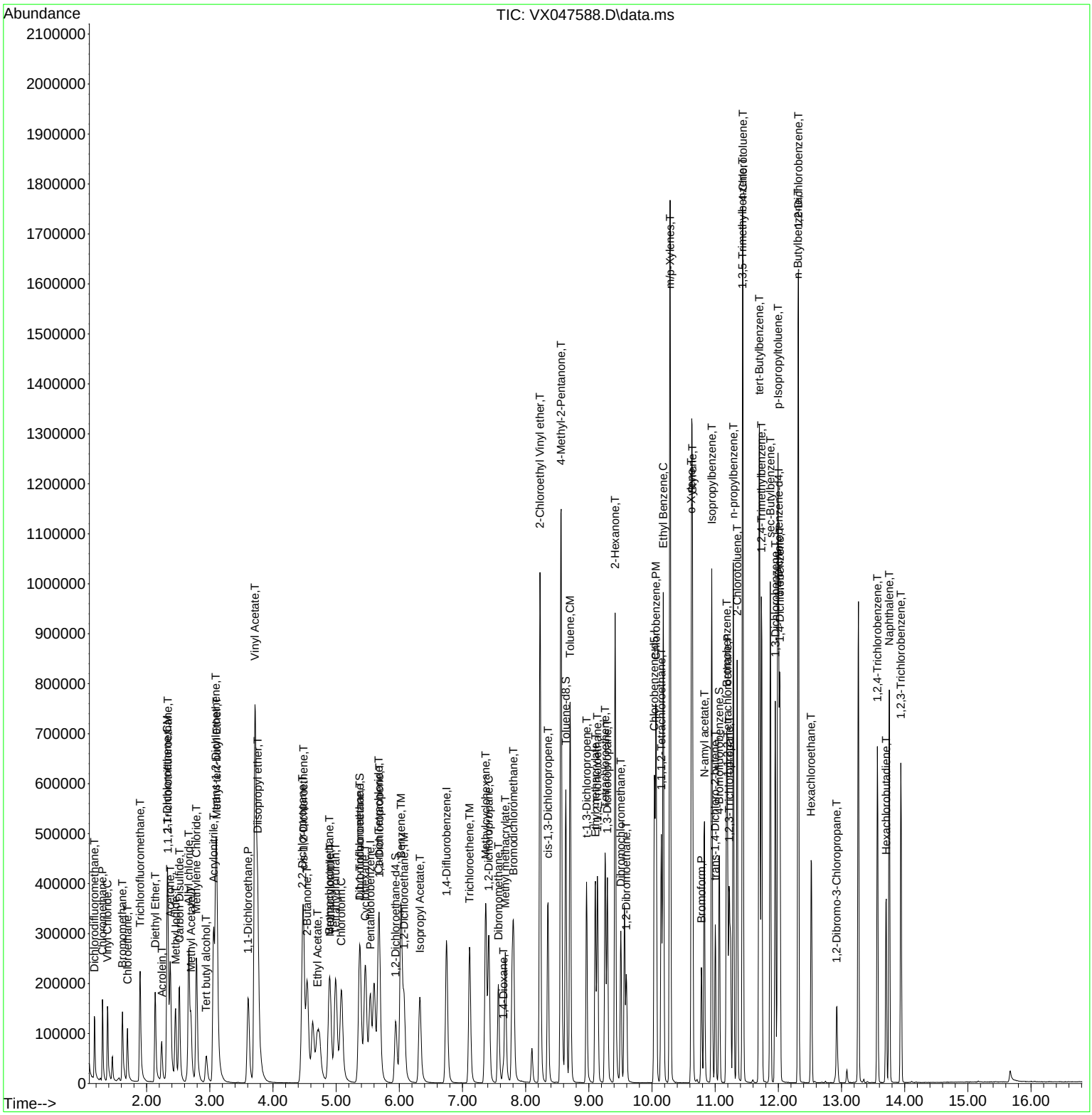
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Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

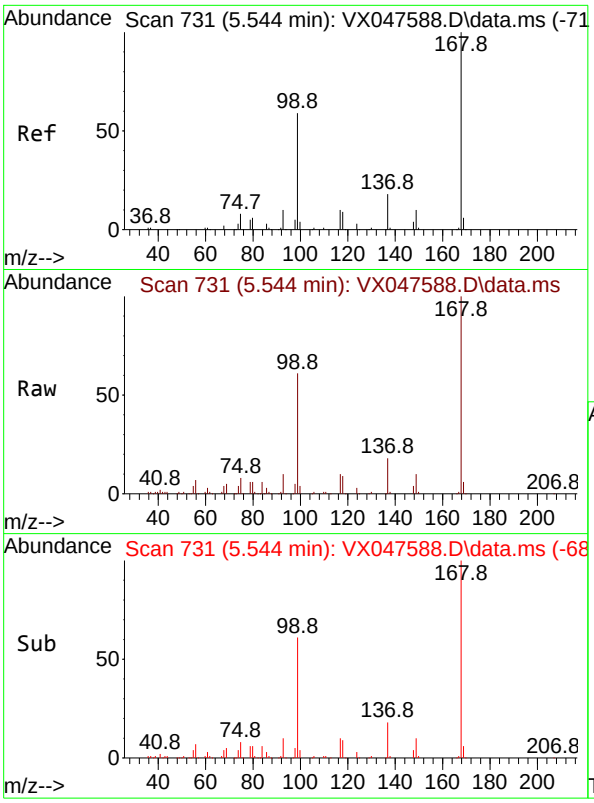
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Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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

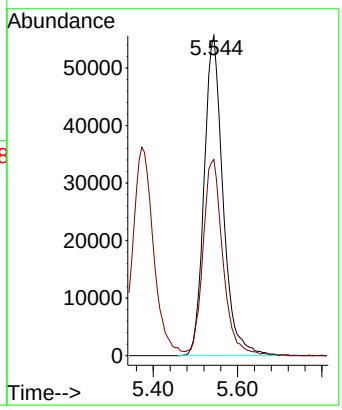




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:168 Resp: 17340

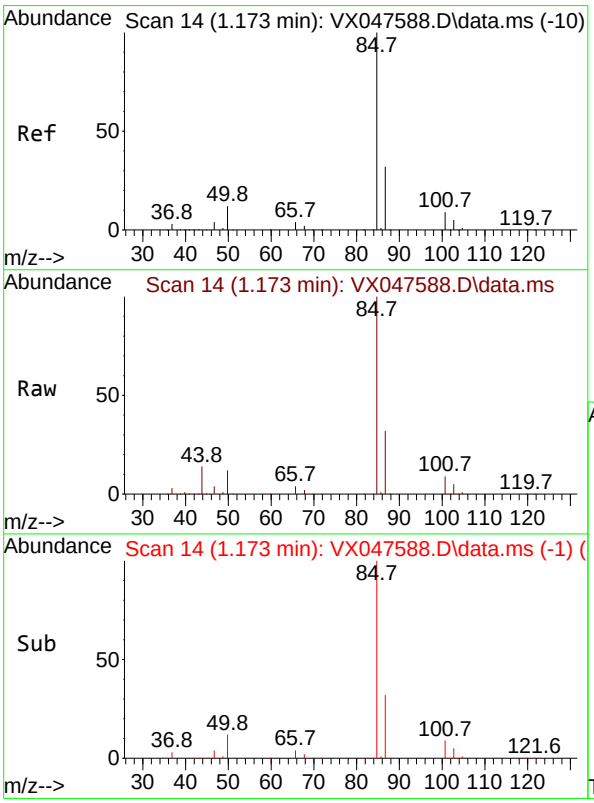
Ion	Ratio	Lower	Upper
168	100		
99	61.0	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

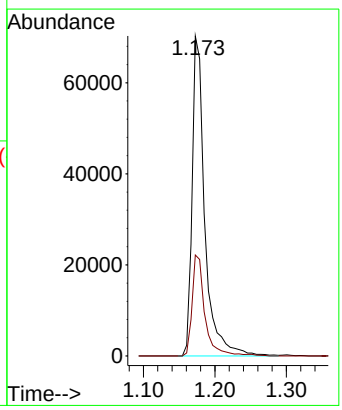
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

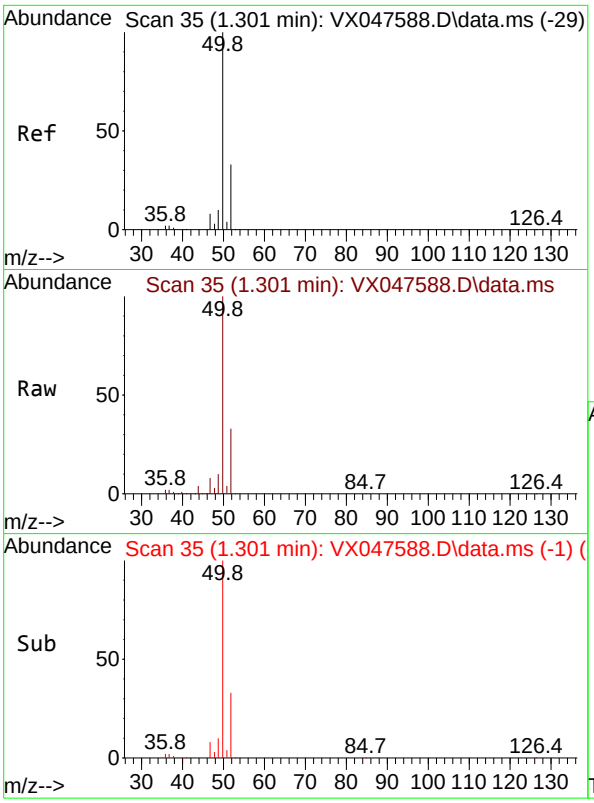


#2
Dichlorodifluoromethane
Concen: 48.352 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 85 Resp: 86824

Ion	Ratio	Lower	Upper
85	100		
87	31.5	15.8	47.3

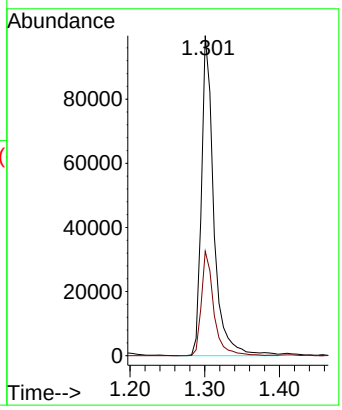




#3
Chloromethane
Concen: 48.594 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 50 Resp: 11468

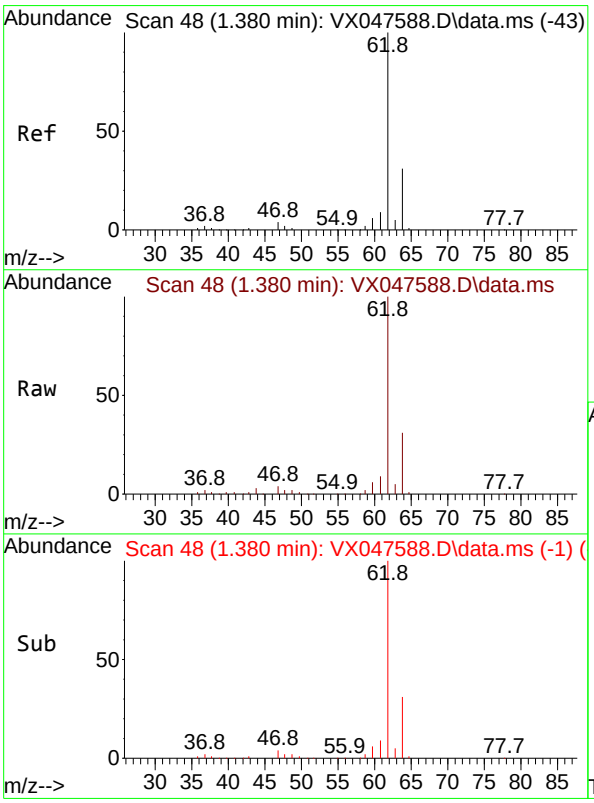
Ion	Ratio	Lower	Upper
50	100		
52	32.6	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

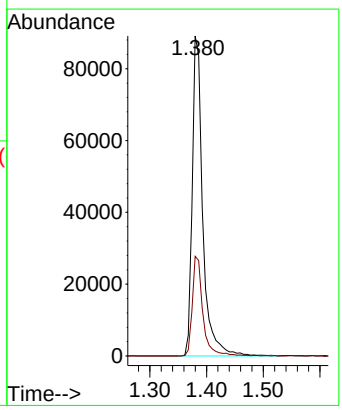
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

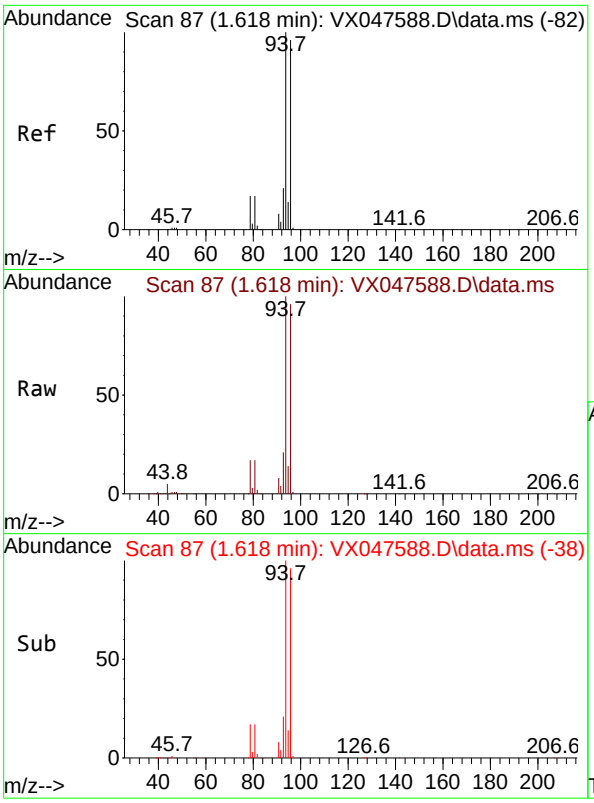


#4
Vinyl Chloride
Concen: 49.635 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 62 Resp: 114666

Ion	Ratio	Lower	Upper
62	100		
64	31.1	24.9	37.3

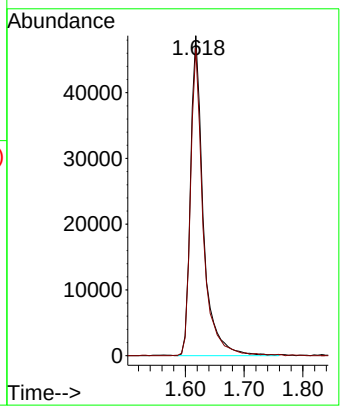




#5
Bromomethane
Concen: 50.216 ug/l
RT: 1.618 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 94 Resp: 7356

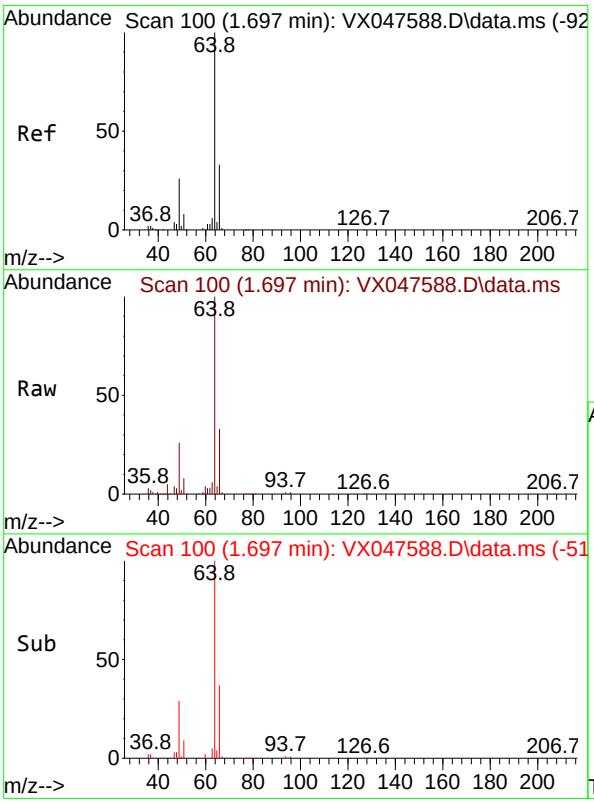
Ion	Ratio	Lower	Upper
94	100		
96	95.8	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

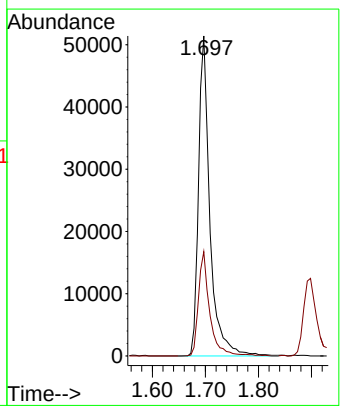
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

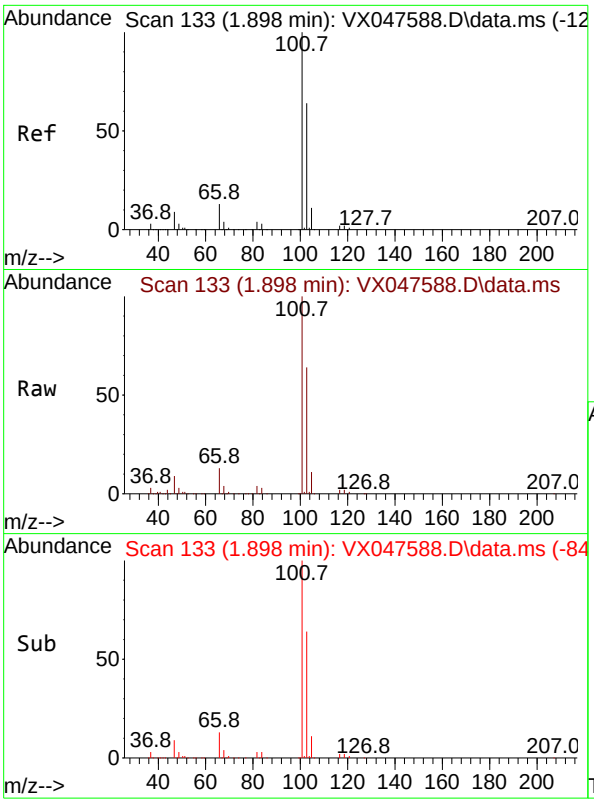


#6
Chloroethane
Concen: 49.698 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 64 Resp: 76736

Ion	Ratio	Lower	Upper
64	100		
66	32.6	26.1	39.1

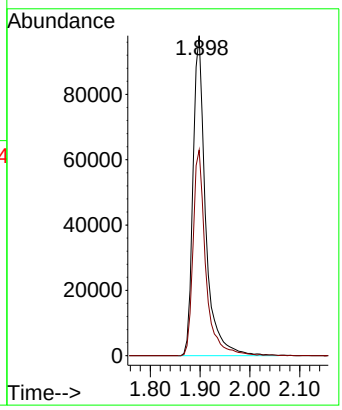




#7
Trichlorofluoromethane
Concen: 50.307 ug/l
RT: 1.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:101 Resp: 17256

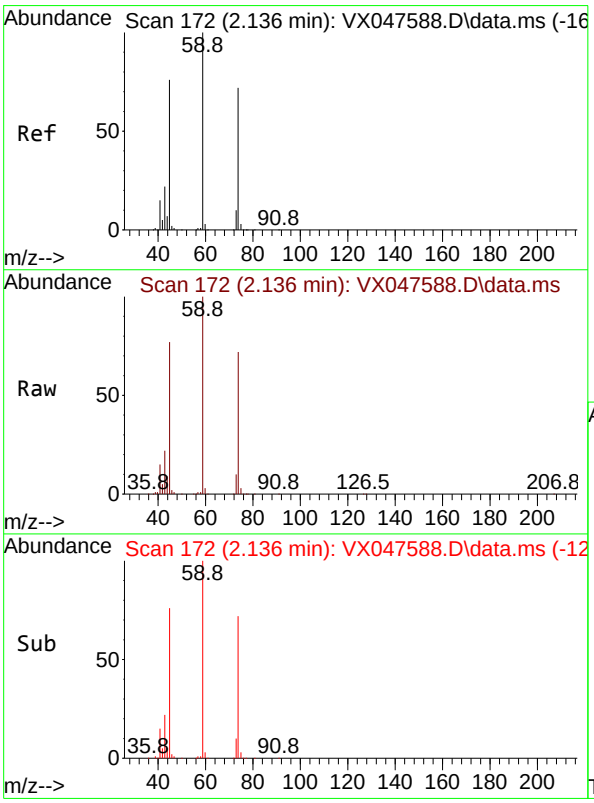
Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

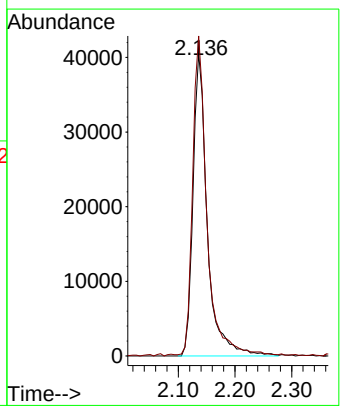
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

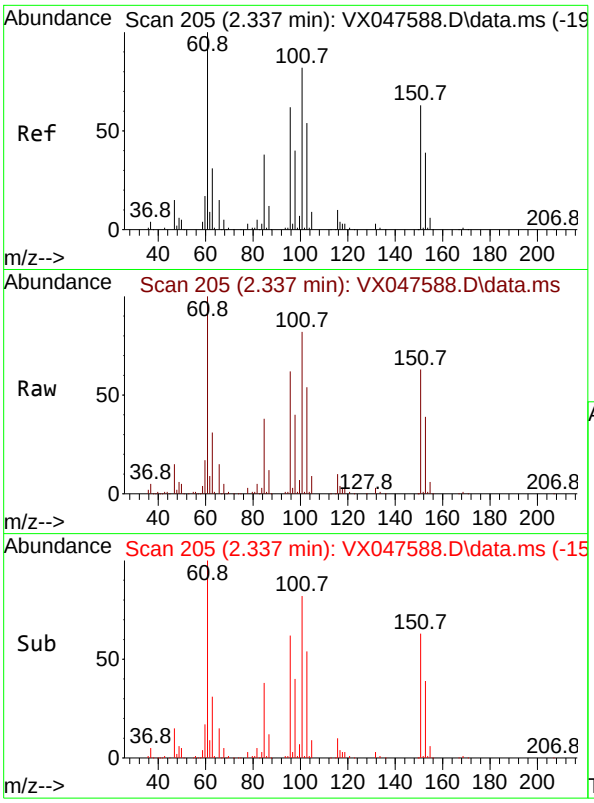


#8
Diethyl Ether
Concen: 50.510 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 74 Resp: 70874

Ion	Ratio	Lower	Upper
74	100		
45	104.5	52.3	156.8

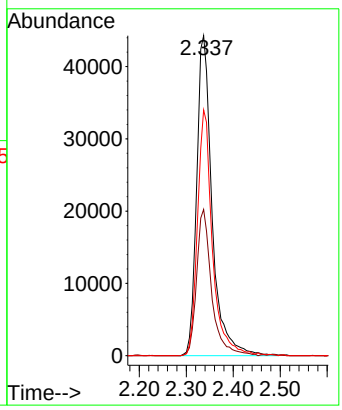




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.445 ug/l
RT: 2.337 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:101 Resp: 10117

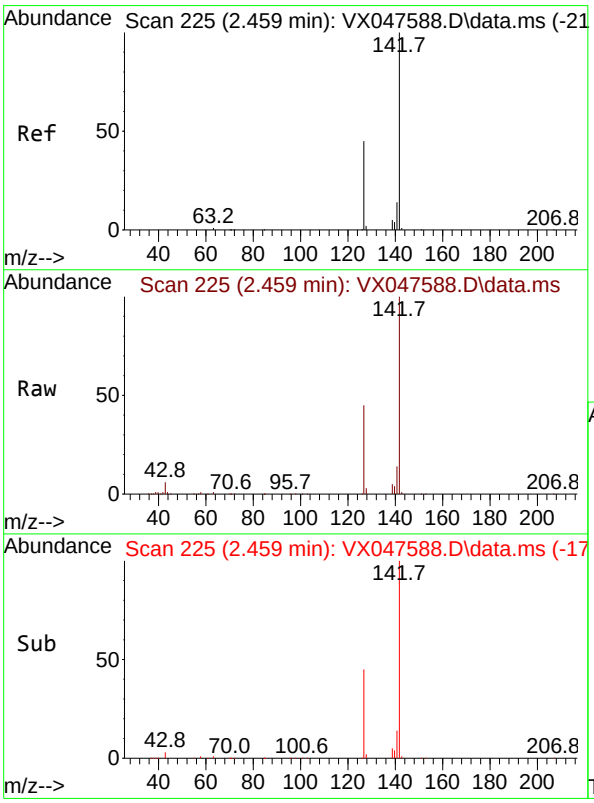
Ion	Ratio	Lower	Upper
101	100		
85	44.4	35.5	53.3
151	74.2	59.4	89.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

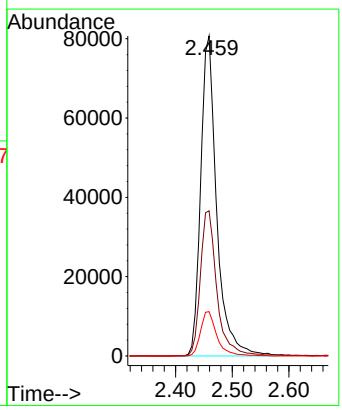
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

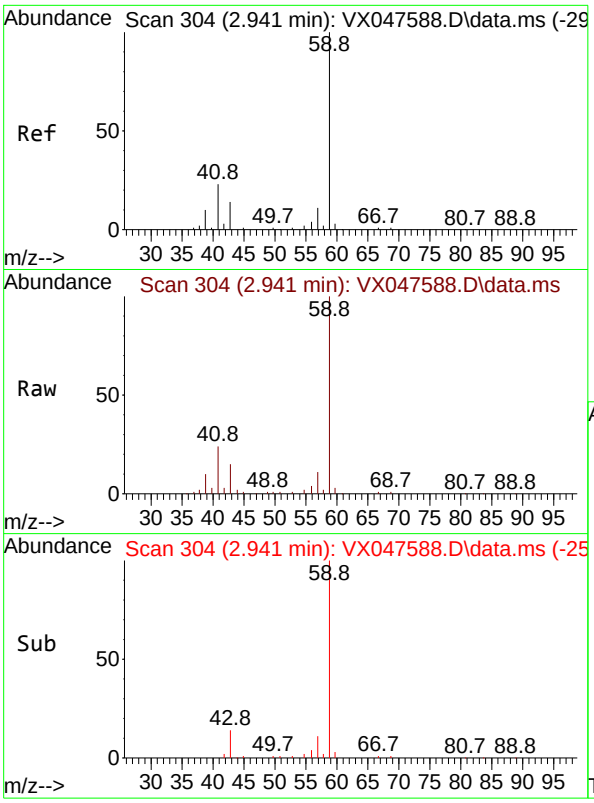


#10
Methyl Iodide
Concen: 50.525 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:142 Resp: 158046

Ion	Ratio	Lower	Upper
142	100		
127	46.5	37.2	55.8
141	14.2	11.4	17.0

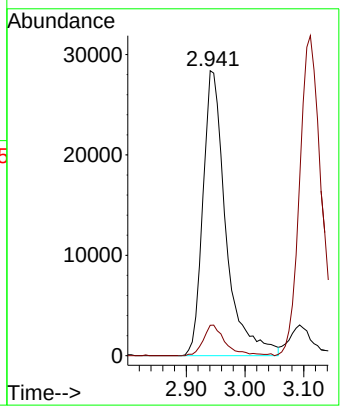




#11
Tert butyl alcohol
Concen: 251.232 ug/l
RT: 2.941 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 59 Resp: 7723

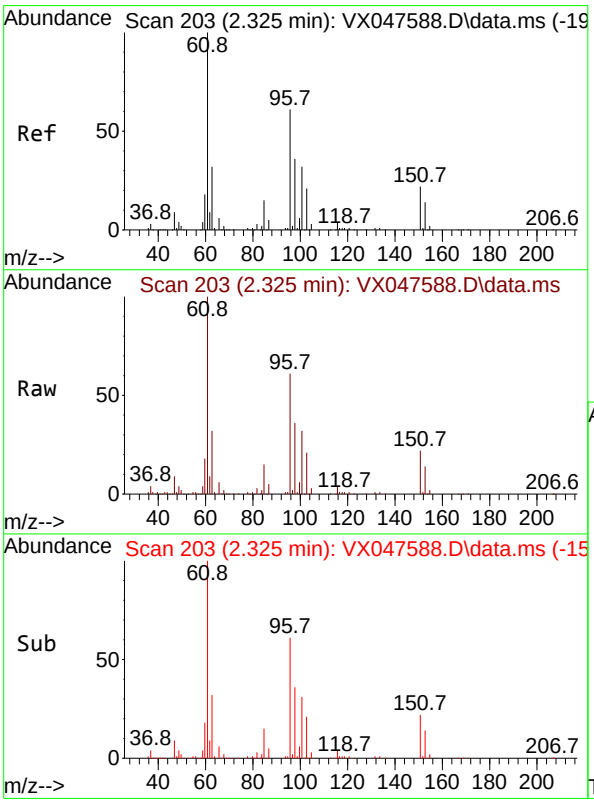
Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

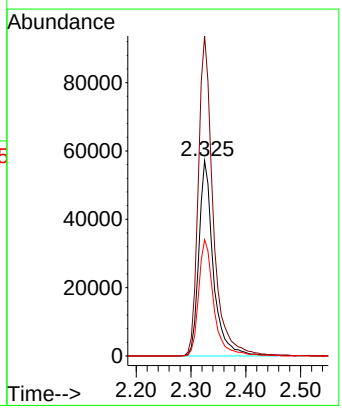
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

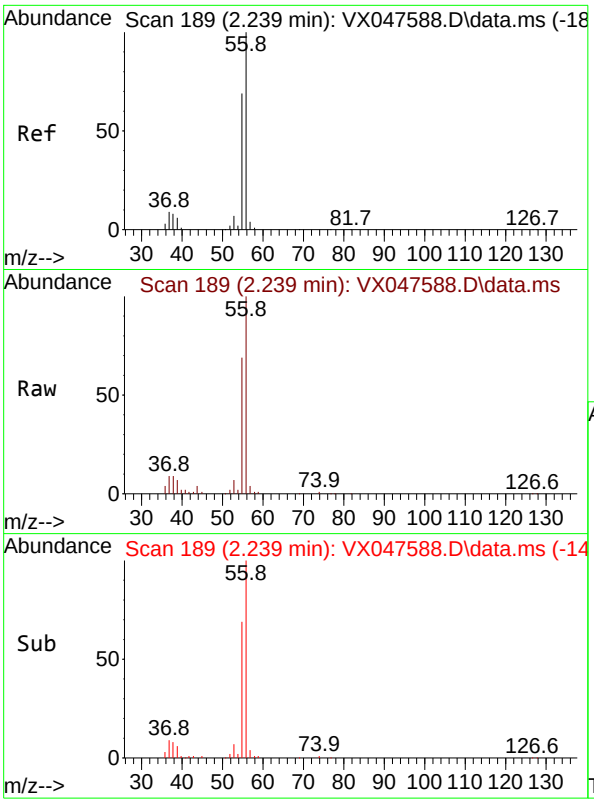


#12
1,1-Dichloroethene
Concen: 50.831 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 96 Resp: 104724

Ion	Ratio	Lower	Upper
96	100		
61	163.8	131.0	196.6
98	59.6	47.7	71.5

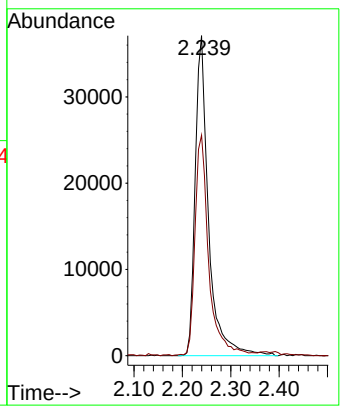




#13
Acrolein
Concen: 249.645 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 56 Resp: 7072

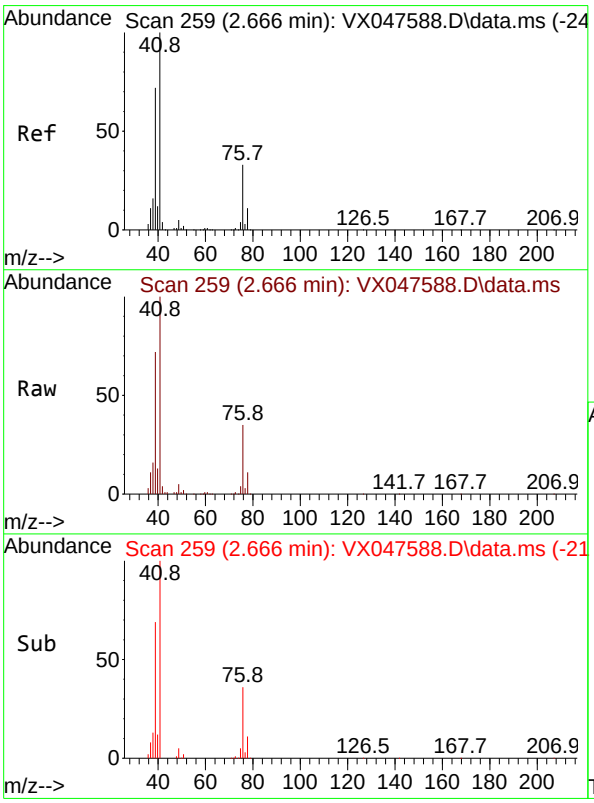
Ion	Ratio	Lower	Upper
56	100		
55	71.5	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

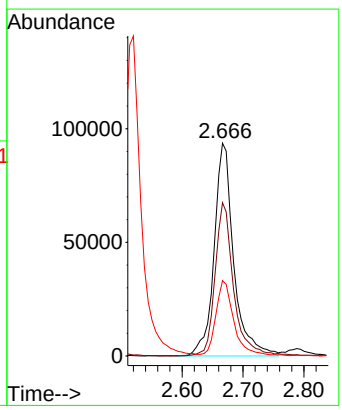
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

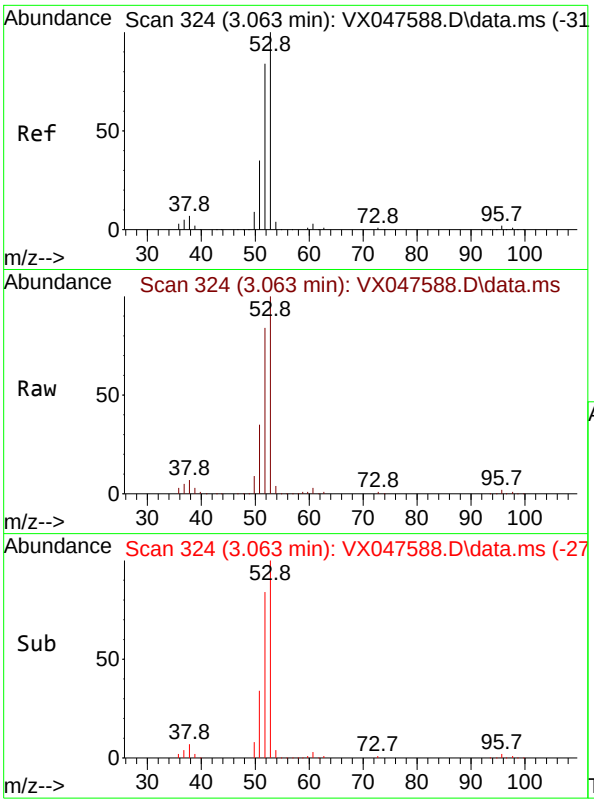


#14
Allyl chloride
Concen: 49.396 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 41 Resp: 210001

Ion	Ratio	Lower	Upper
41	100		
39	68.4	54.7	82.1
76	32.1	25.7	38.5

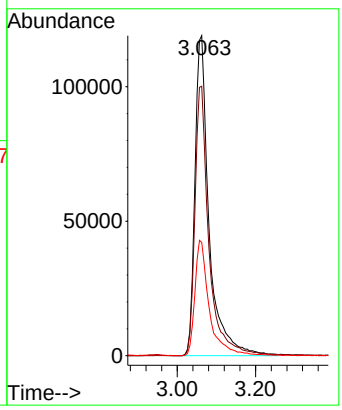




#15
Acrylonitrile
Concen: 264.027 ug/l
RT: 3.063 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 53 Resp: 30064

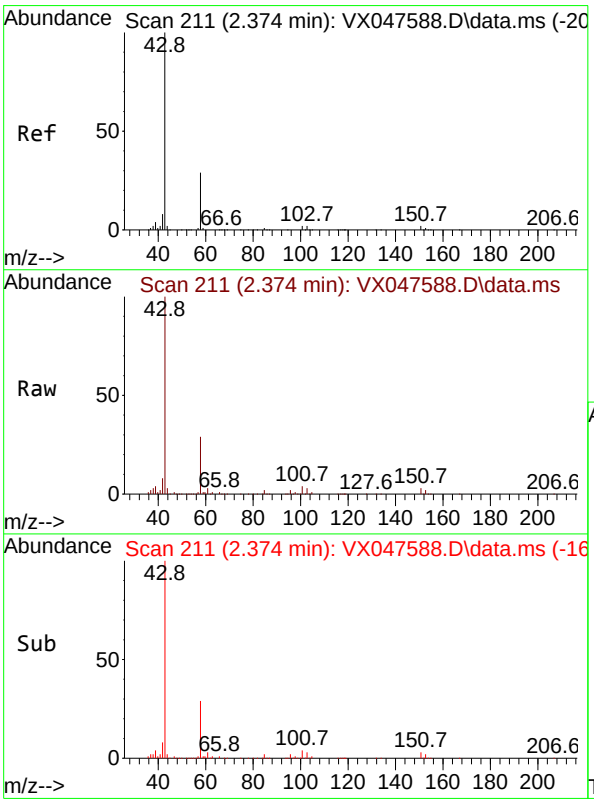
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.4	99.6
51	36.9	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

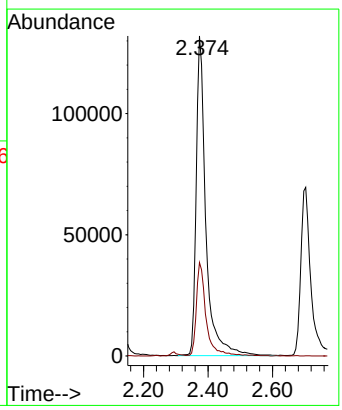
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

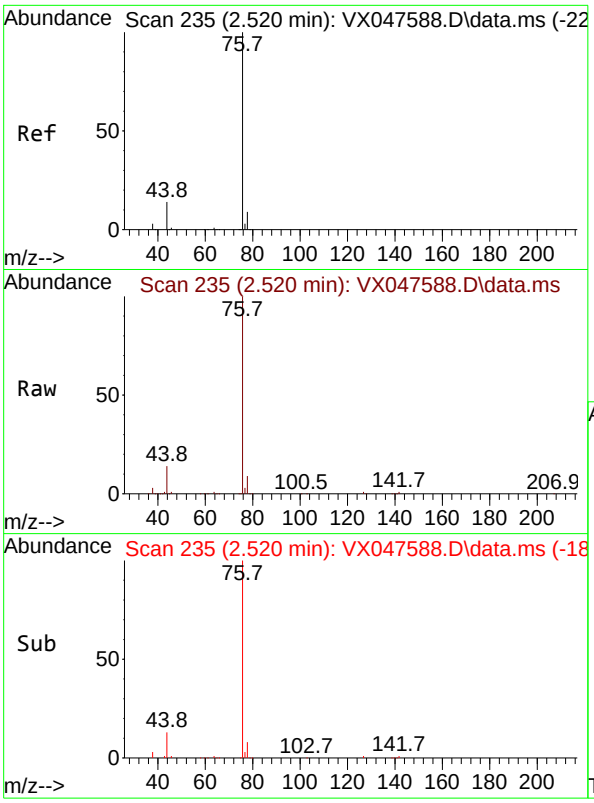


#16
Acetone
Concen: 229.193 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 275065

Ion	Ratio	Lower	Upper
43	100		
58	29.2	23.4	35.0

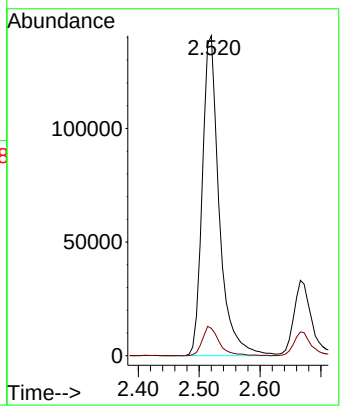




#17
Carbon Disulfide
Concen: 48.133 ug/l
RT: 2.520 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 76 Resp: 27148

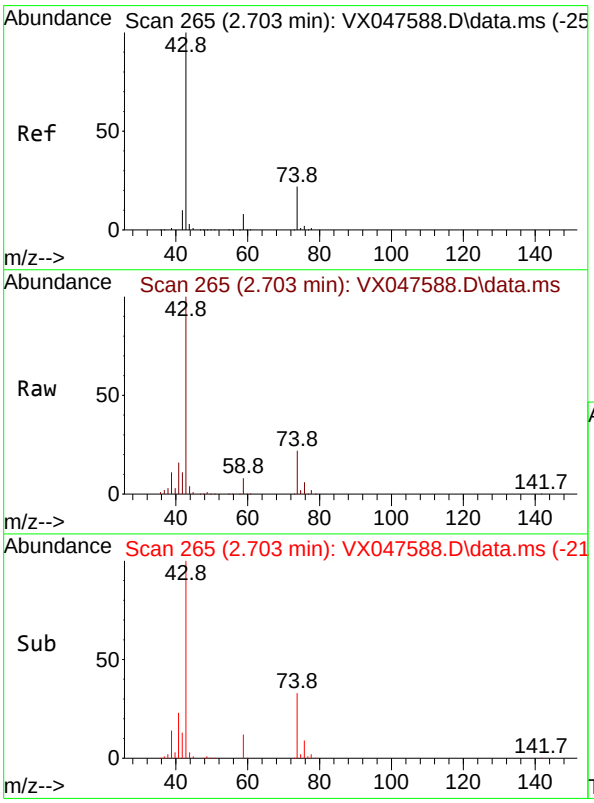
Ion	Ratio	Lower	Upper
76	100		
78	8.5	6.8	10.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

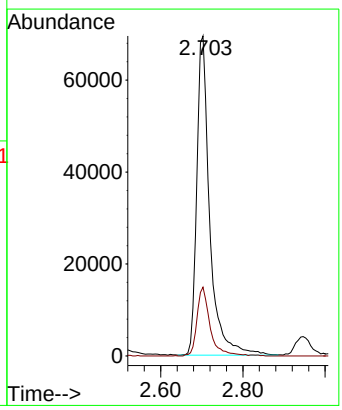
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

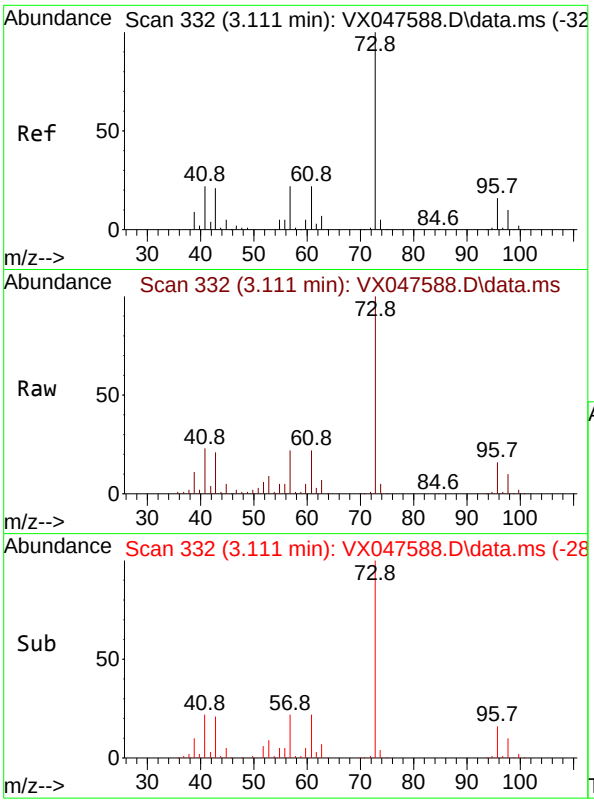


#18
Methyl Acetate
Concen: 56.897 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 151968

Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.4	26.2

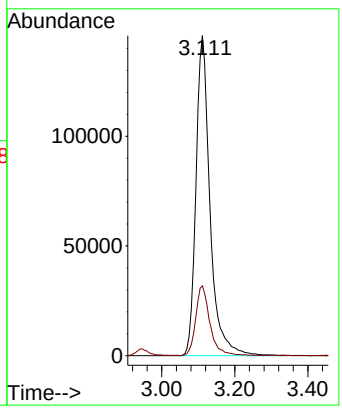




#19
Methyl tert-butyl Ether
Concen: 51.804 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 73 Resp: 38960

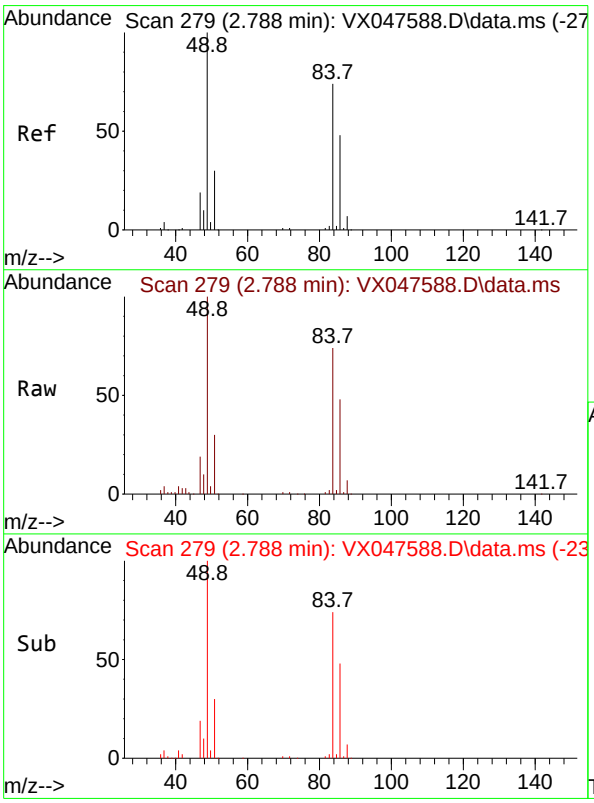
Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

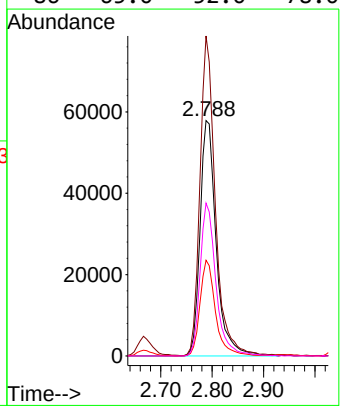
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

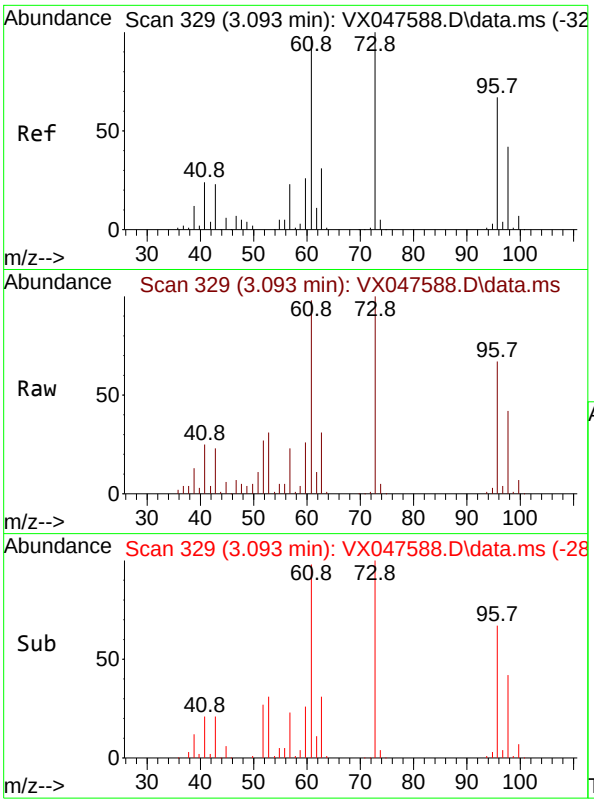


#20
Methylene Chloride
Concen: 49.798 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 84 Resp: 126506

Ion	Ratio	Lower	Upper
84	100		
49	135.7	108.6	162.8
51	40.7	32.6	48.8
86	65.0	52.0	78.0

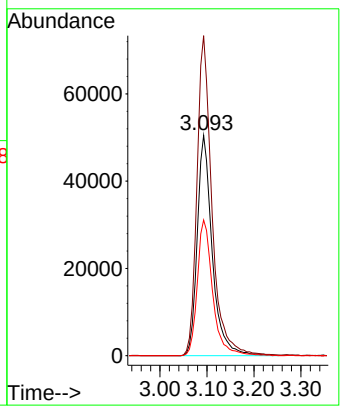




#21
trans-1,2-Dichloroethene
Concen: 50.743 ug/l
RT: 3.093 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 96 Resp: 11255

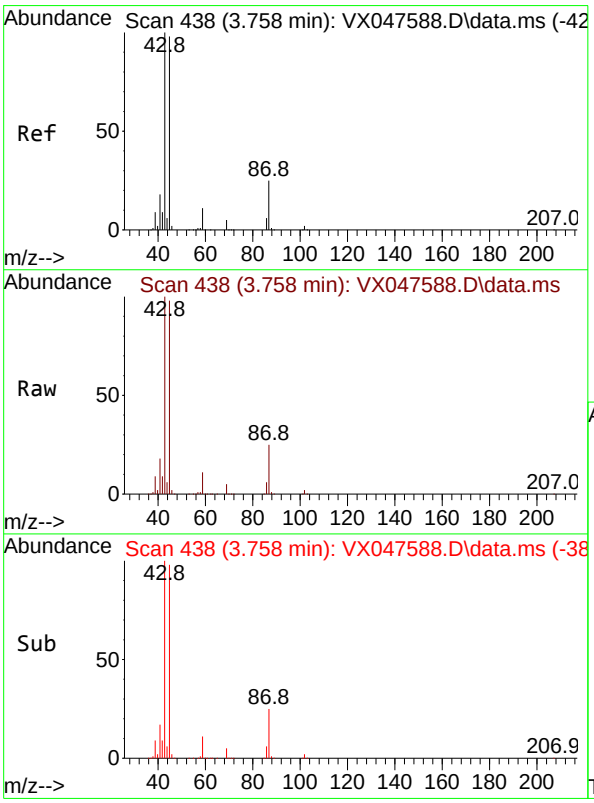
Ion	Ratio	Lower	Upper
96	100		
61	145.2	116.2	174.2
98	61.6	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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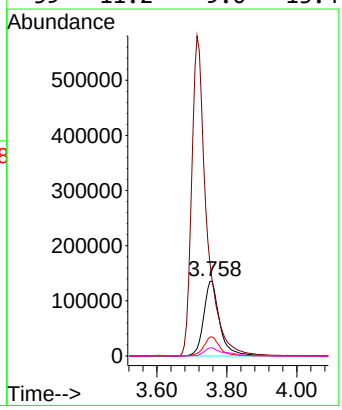
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

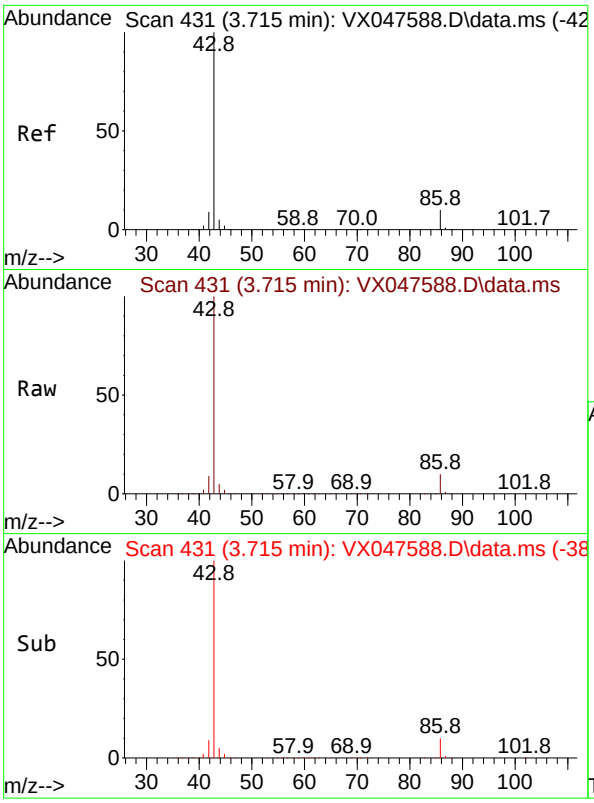


#22
Diisopropyl ether
Concen: 52.131 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 45 Resp: 429524

Ion	Ratio	Lower	Upper
45	100		
43	101.2	81.0	121.4
87	25.4	20.3	30.5
59	11.2	9.0	13.4

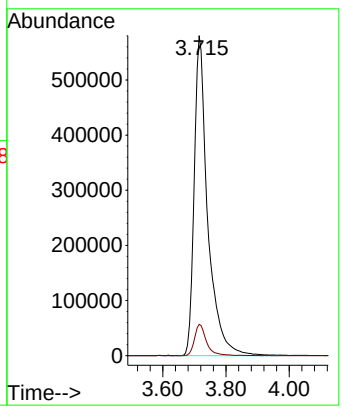




#23
Vinyl Acetate
Concen: 261.852 ug/l
RT: 3.715 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 172673

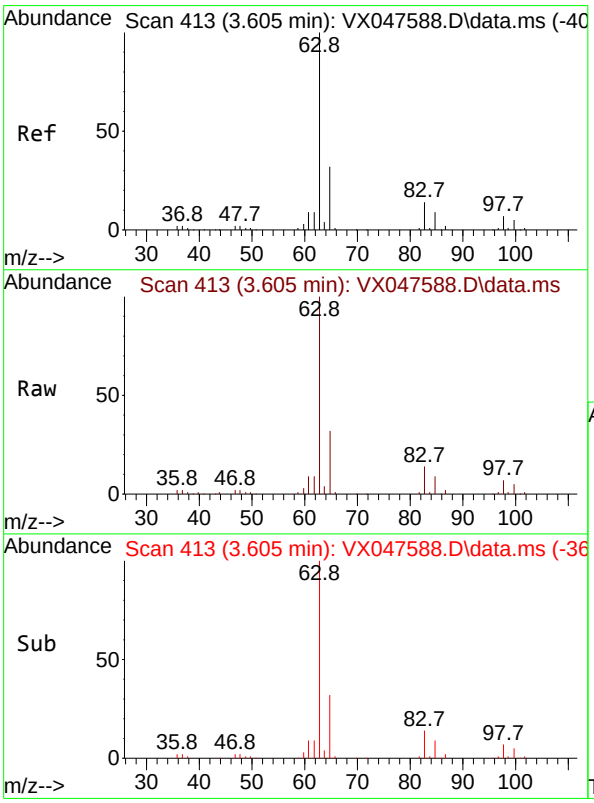
Ion	Ratio	Lower	Upper
43	100		
86	9.8	7.8	11.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

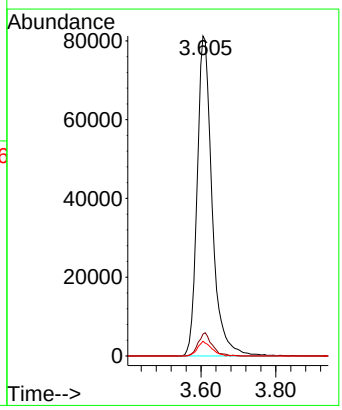
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

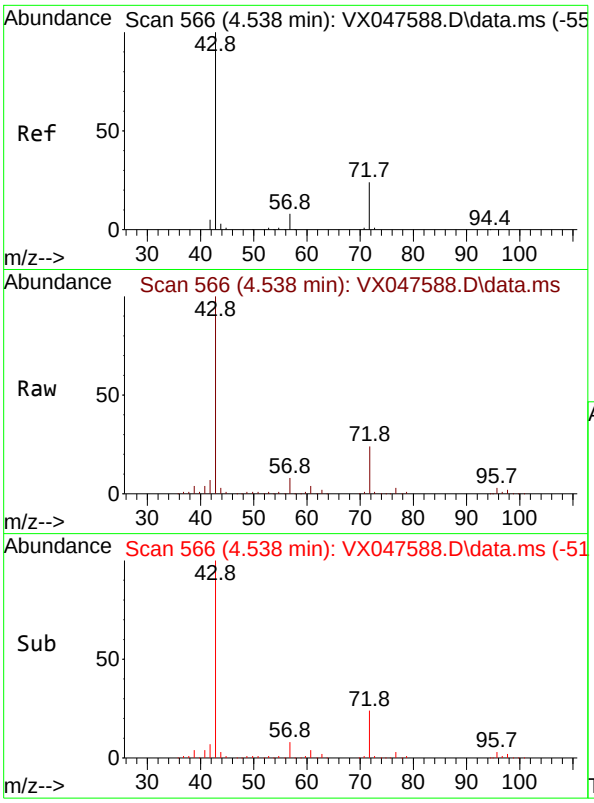


#24
1,1-Dichloroethane
Concen: 51.338 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 63 Resp: 224824

Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.8	11.2
100	4.6	2.3	6.9





#25
2-Butanone
Concen: 254.060 ug/l
RT: 4.538 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

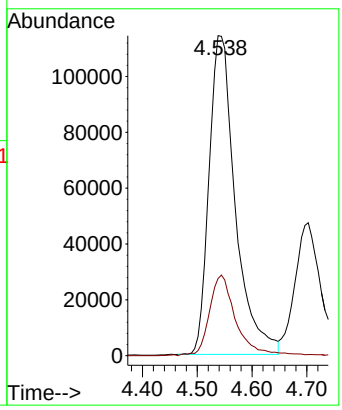
Tgt Ion: 43 Resp: 38033

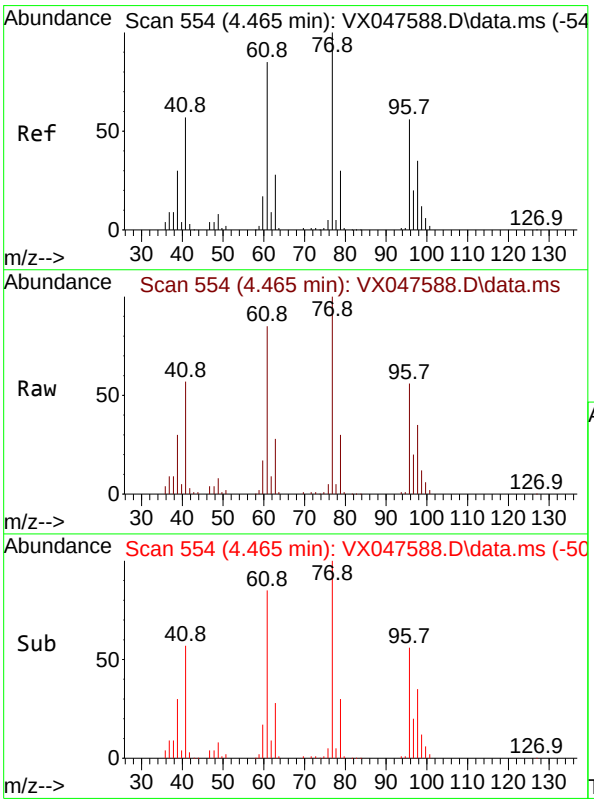
Ion	Ratio	Lower	Upper
43	100		
72	25.1	20.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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

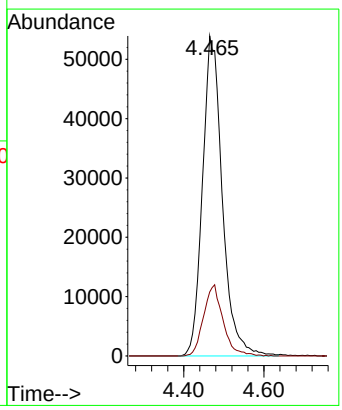


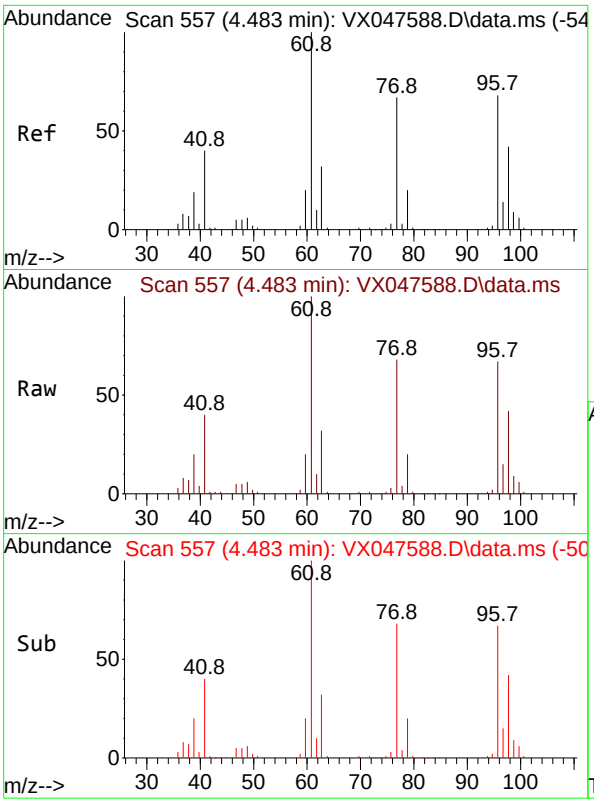


#26
2,2-Dichloropropane
Concen: 50.888 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 77 Resp: 185247

Ion	Ratio	Lower	Upper
77	100		
97	21.8	10.9	32.7

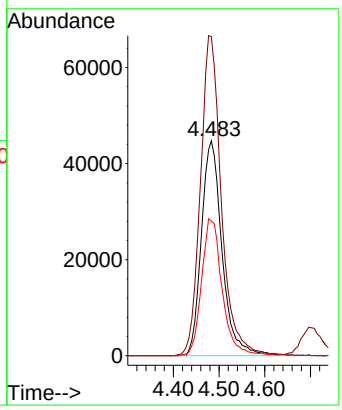




#27
cis-1,2-Dichloroethene
Concen: 51.576 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 96 Resp: 14010

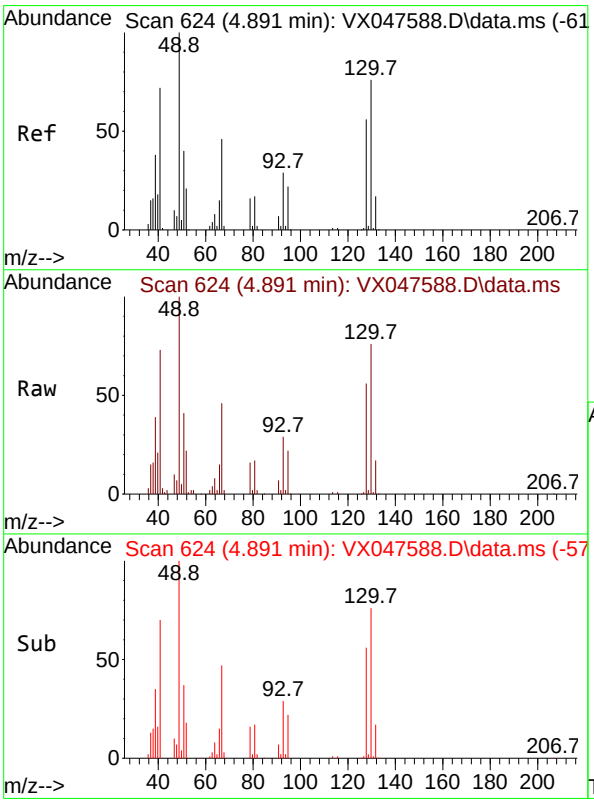
Ion	Ratio	Lower	Upper
96	100		
61	151.6	0.0	303.2
98	63.9	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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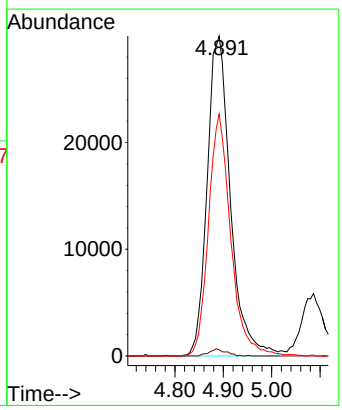
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

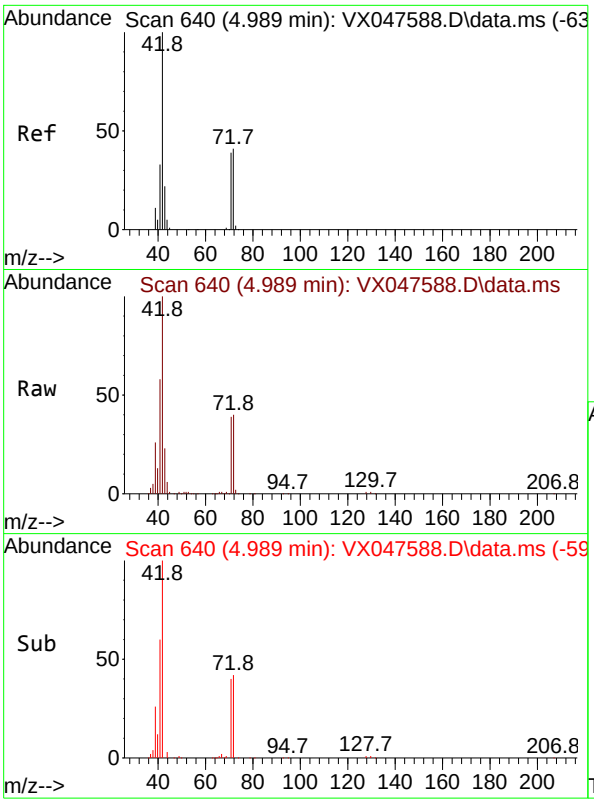


#28
Bromochloromethane
Concen: 52.301 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 49 Resp: 99991

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.2
130	72.3	57.8	86.8

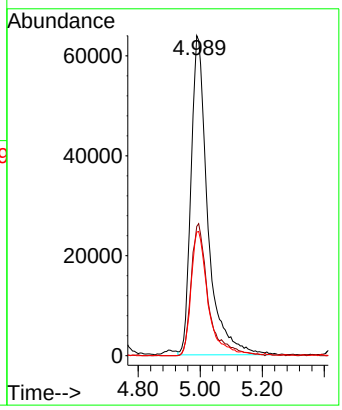




#29
Tetrahydrofuran
Concen: 265.026 ug/l
RT: 4.989 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 42 Resp: 23867

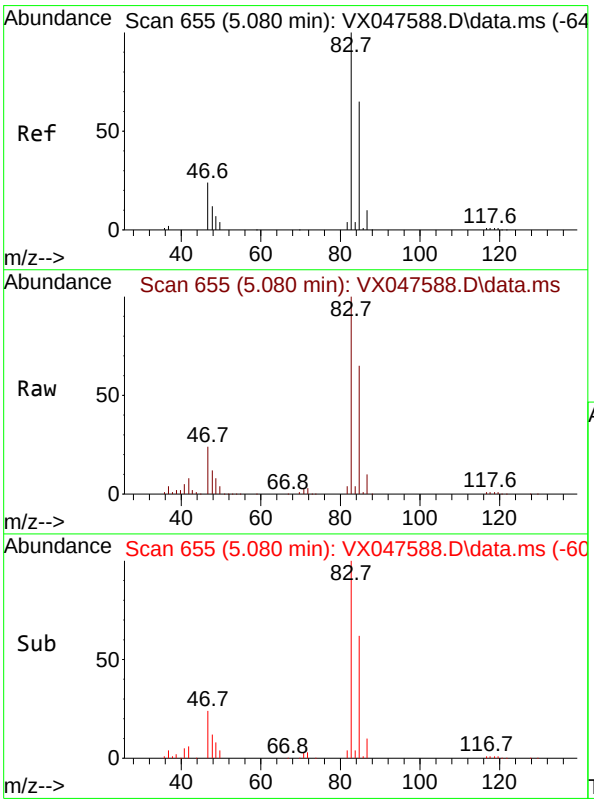
Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.2	51.2
71	39.9	31.9	47.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

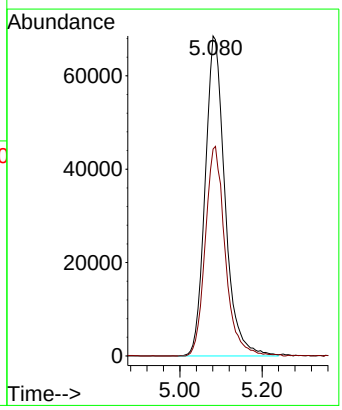
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

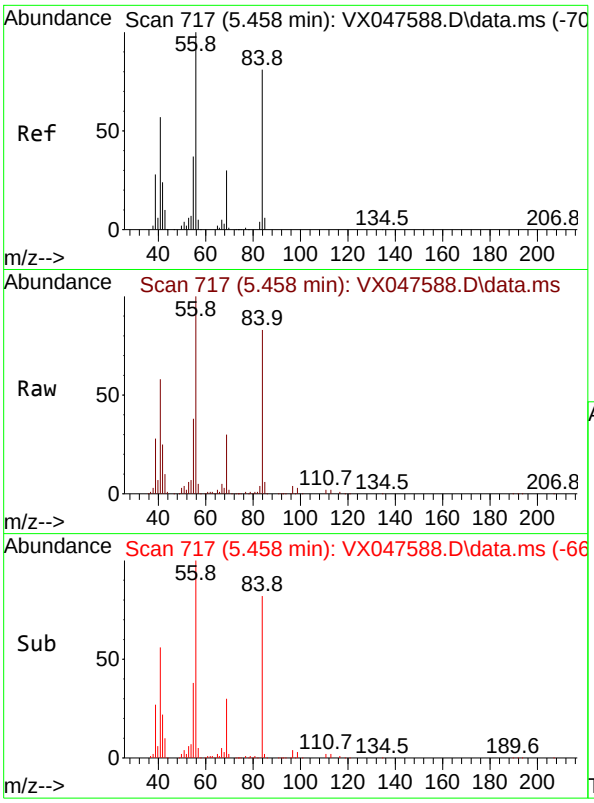


#30
Chloroform
Concen: 51.844 ug/l
RT: 5.080 min Scan# 655
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 83 Resp: 229430

Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.8	77.6

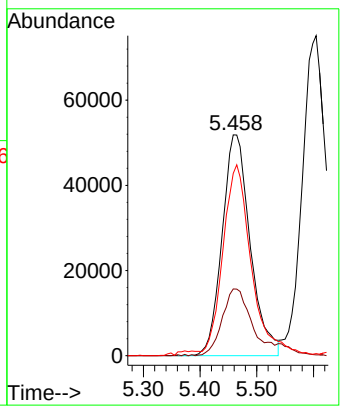




#31
Cyclohexane
Concen: 48.952 ug/l
RT: 5.458 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 56 Resp: 17854

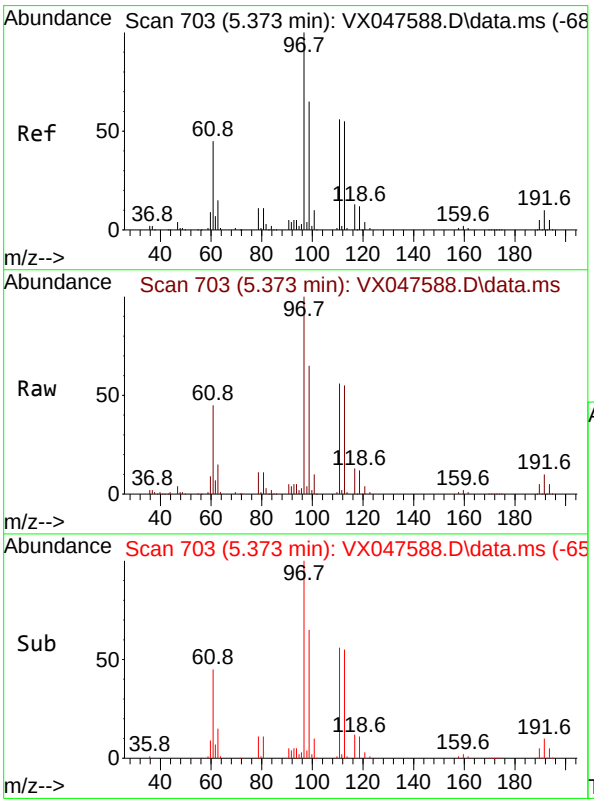
Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.8	35.8
84	80.8	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

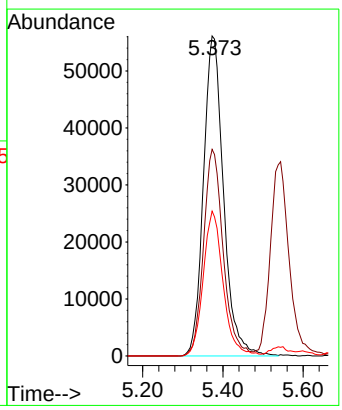
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

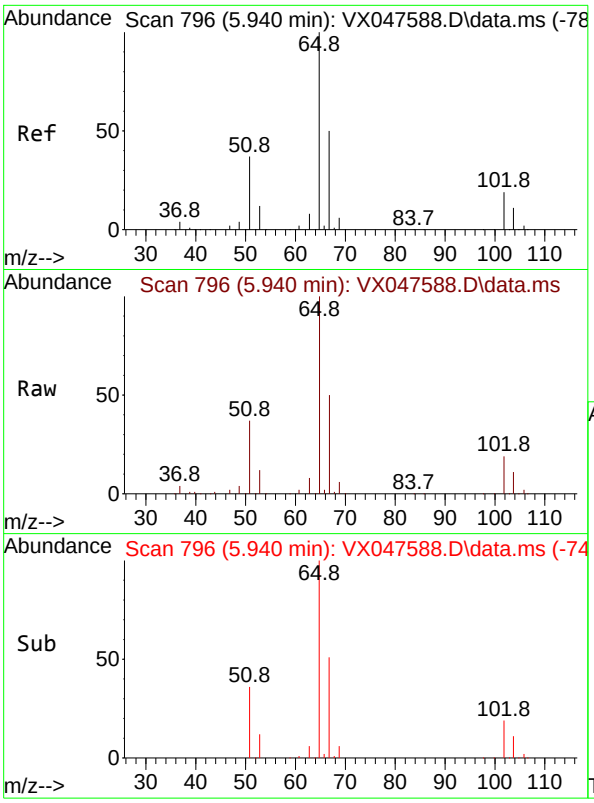


#32
1,1,1-Trichloroethane
Concen: 52.058 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 97 Resp: 195407

Ion	Ratio	Lower	Upper
97	100		
99	63.3	50.6	76.0
61	44.8	35.8	53.8

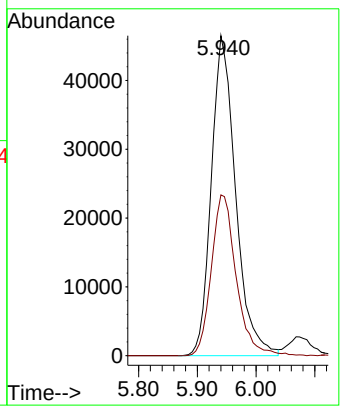




#33
1,2-Dichloroethane-d4
Concen: 48.404 ug/l
RT: 5.940 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 65 Resp: 13360

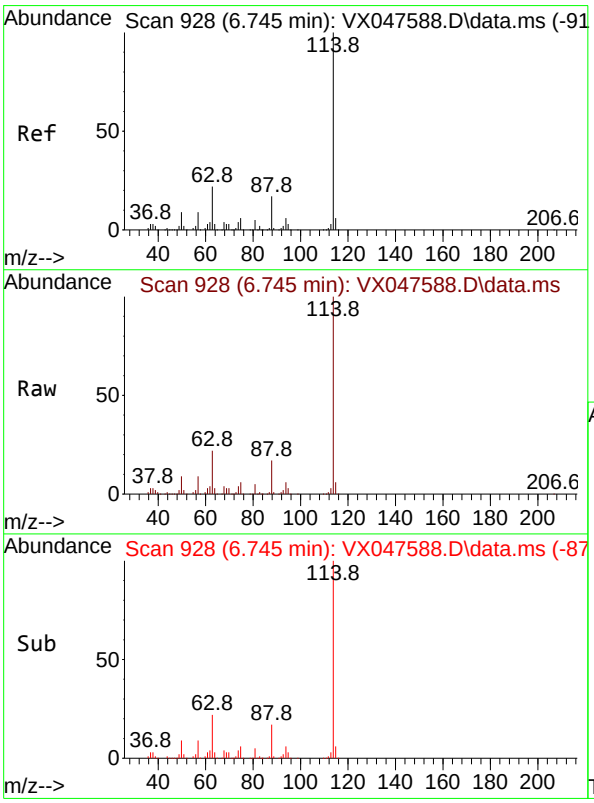
Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

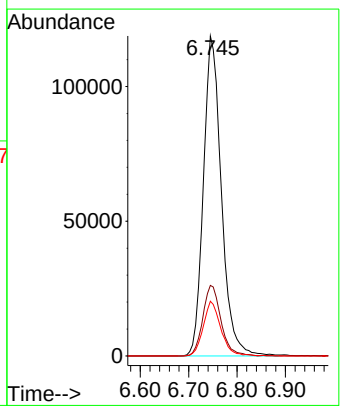
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

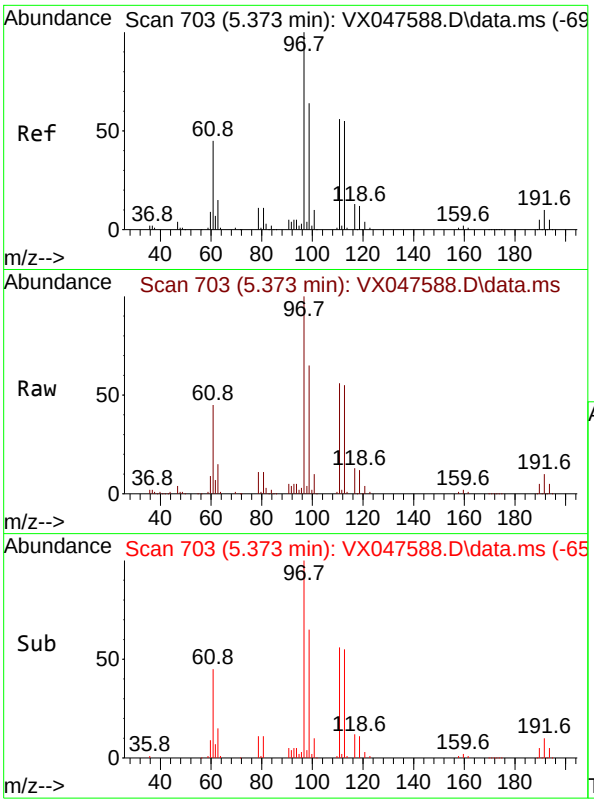


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:114 Resp: 307383

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	44.0
88	17.1	0.0	34.2

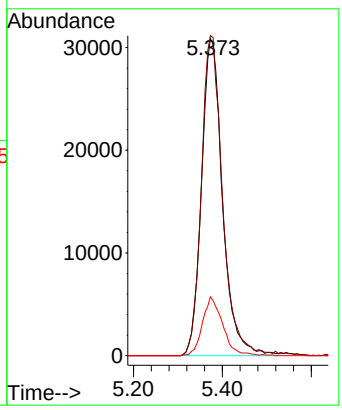




#35
Dibromofluoromethane
Concen: 49.298 ug/l
RT: 5.373 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:113 Resp: 10162

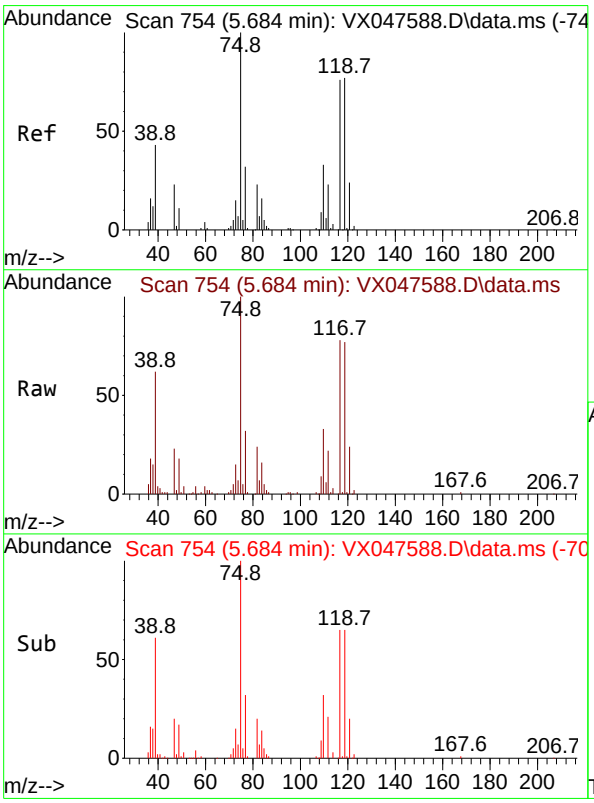
Ion	Ratio	Lower	Upper
113	100		
111	101.1	80.9	121.3
192	17.8	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

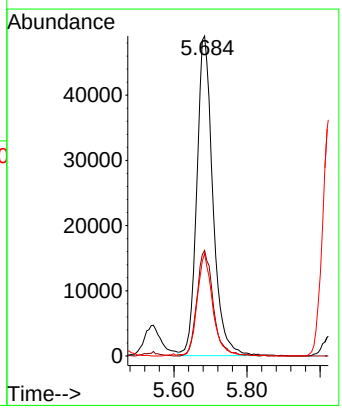
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

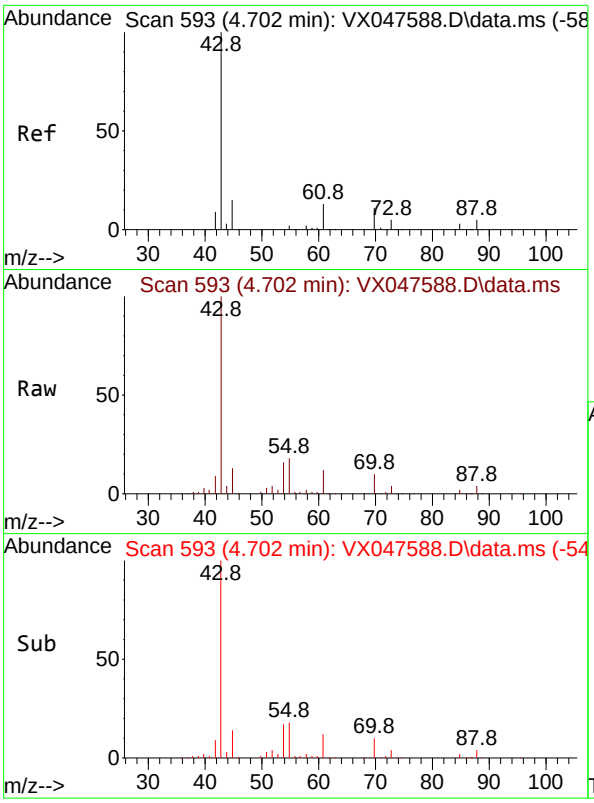


#36
1,1-Dichloropropene
Concen: 49.729 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 75 Resp: 149800

Ion	Ratio	Lower	Upper
75	100		
110	33.4	16.7	50.1
77	30.4	24.3	36.5





#37
Ethyl Acetate
Concen: 50.687 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

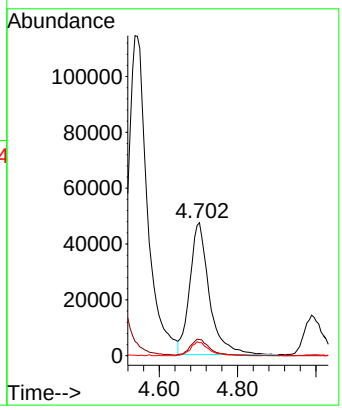
Tgt Ion: 43 Resp: 16348

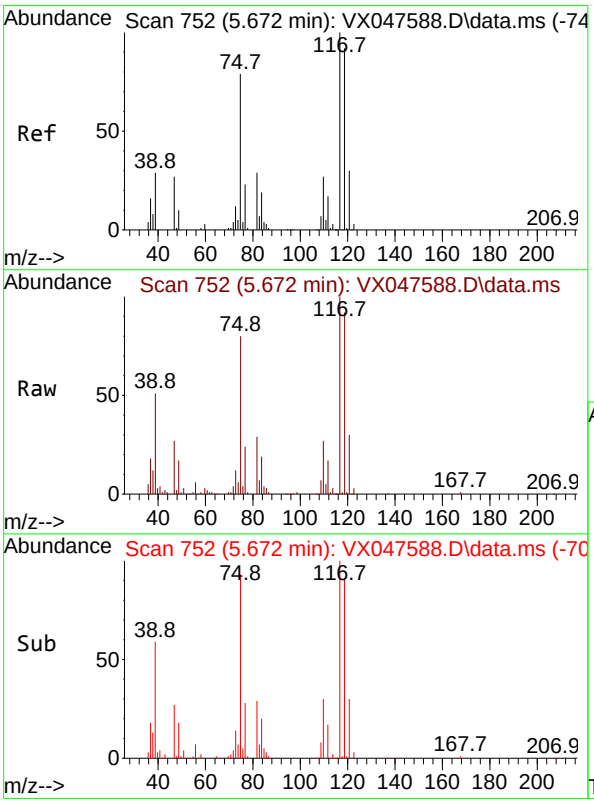
Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.8	14.8
70	9.9	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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

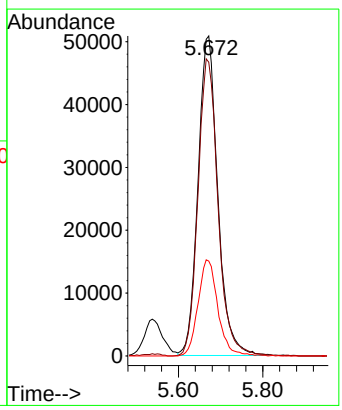


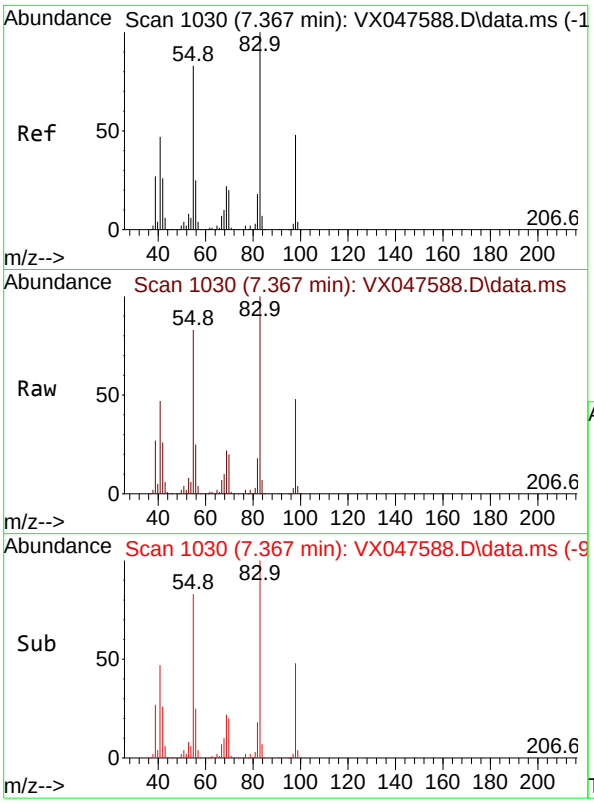


#38
Carbon Tetrachloride
Concen: 50.637 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:117 Resp: 165730

Ion	Ratio	Lower	Upper
117	100		
119	91.8	73.4	110.2
121	29.7	23.8	35.6

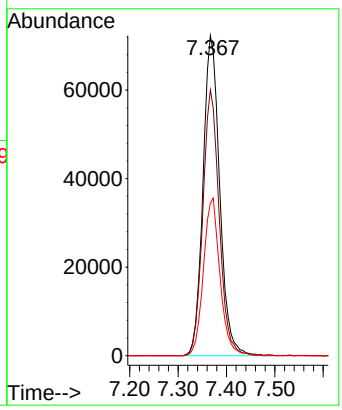




#39
Methylcyclohexane
Concen: 50.773 ug/l
RT: 7.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 83 Resp: 17361

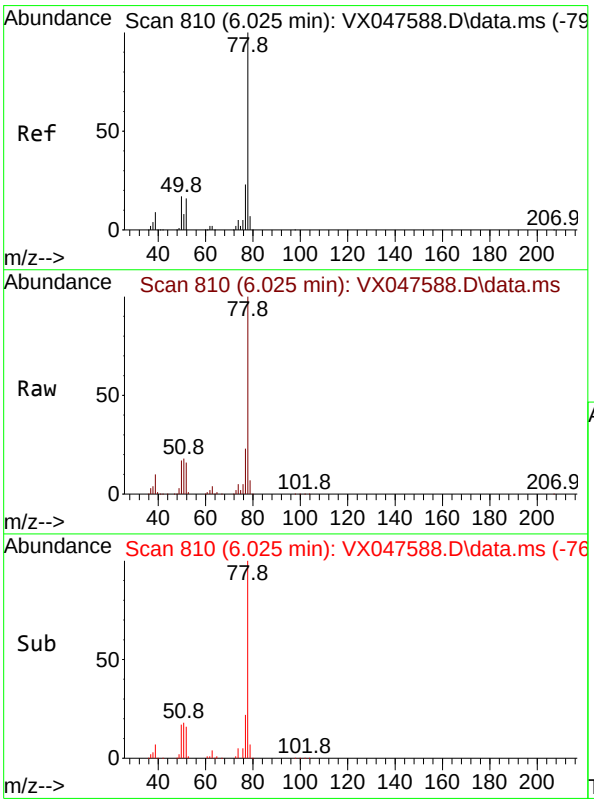
Ion	Ratio	Lower	Upper
83	100		
55	83.0	66.4	99.6
98	47.6	38.1	57.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

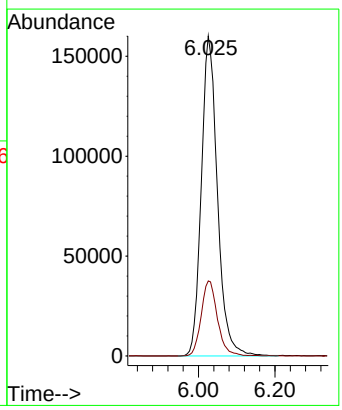
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

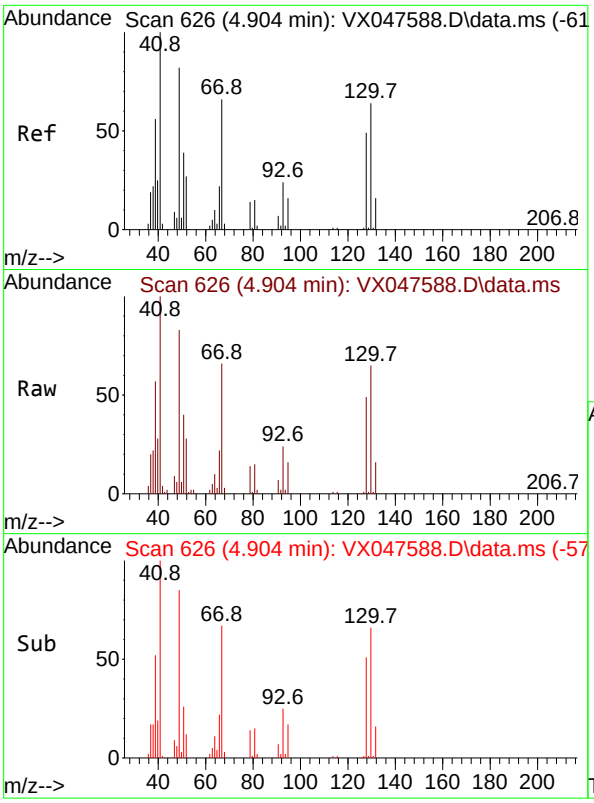


#40
Benzene
Concen: 51.167 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 78 Resp: 468136

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2

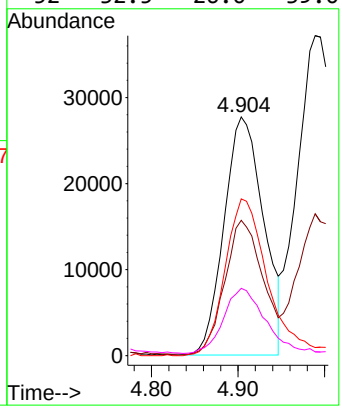




#41
Methacrylonitrile
Concen: 52.707 ug/l
RT: 4.904 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 41 Resp: 8776

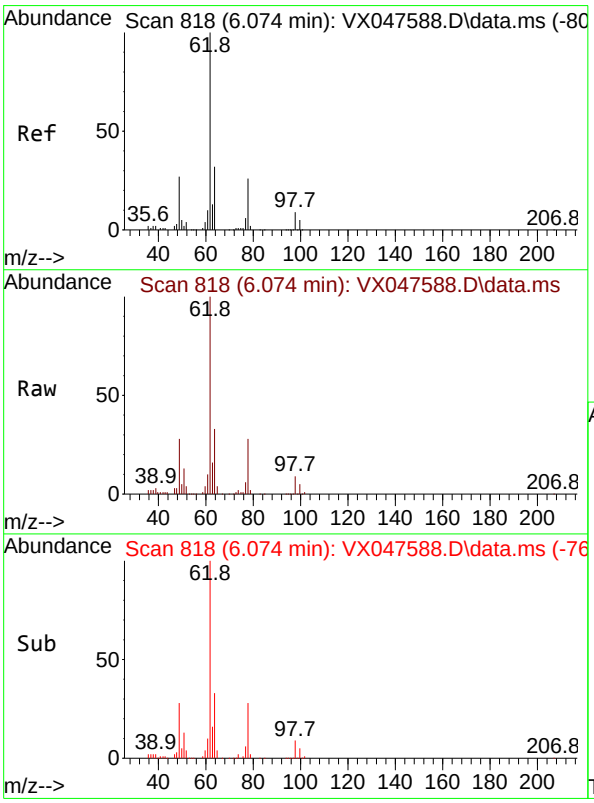
Ion	Ratio	Lower	Upper
41	100		
39	54.1	43.3	64.9
67	73.2	58.6	87.8
52	32.5	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

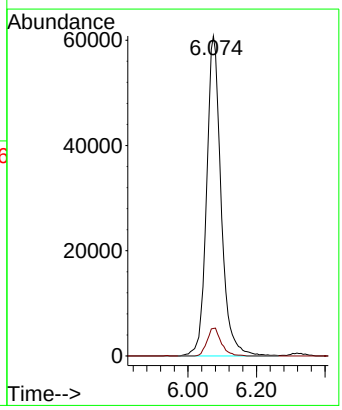
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

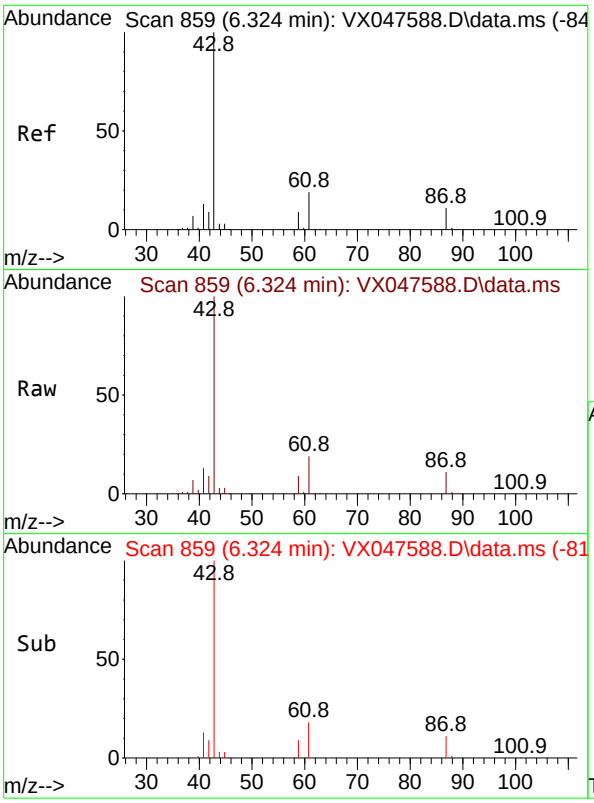


#42
1,2-Dichloroethane
Concen: 51.431 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 62 Resp: 179037

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0

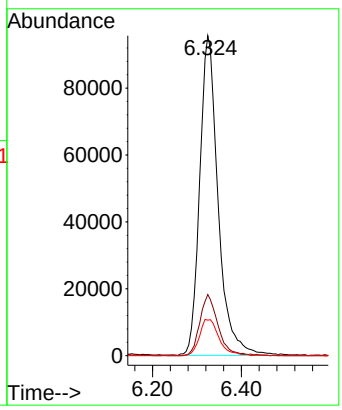




#43
Isopropyl Acetate
Concen: 52.096 ug/l
RT: 6.324 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 27557

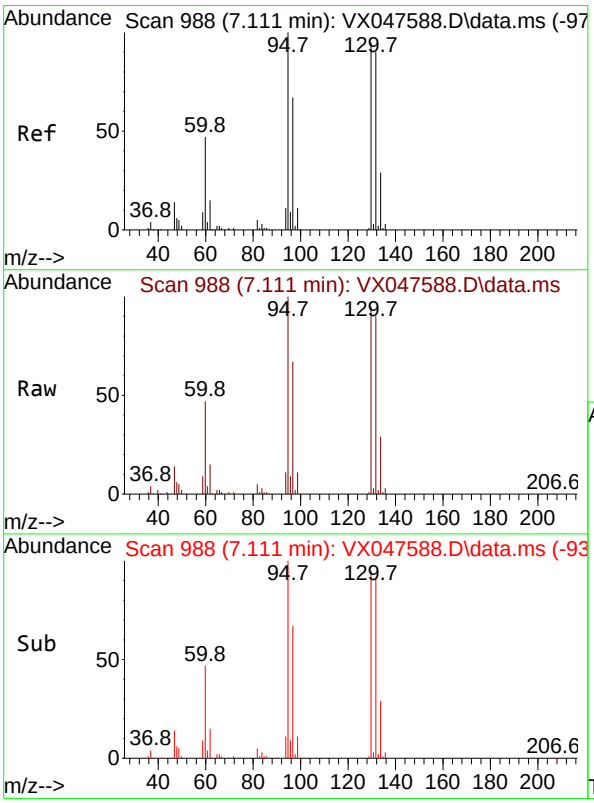
Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.2	22.8
87	12.0	9.6	14.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

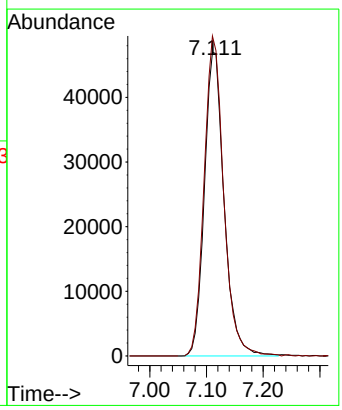
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

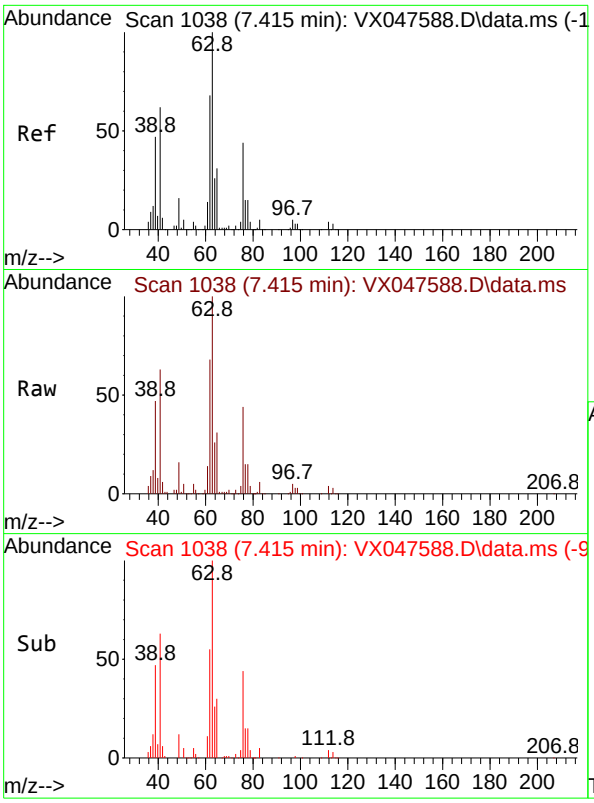


#44
Trichloroethene
Concen: 51.463 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:130 Resp: 113832

Ion	Ratio	Lower	Upper
130	100		
95	105.4	0.0	210.8

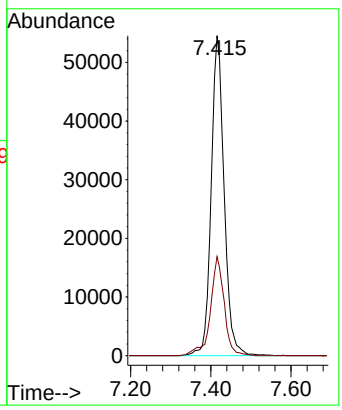




#45
1,2-Dichloropropane
Concen: 52.122 ug/l
RT: 7.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 63 Resp: 12210

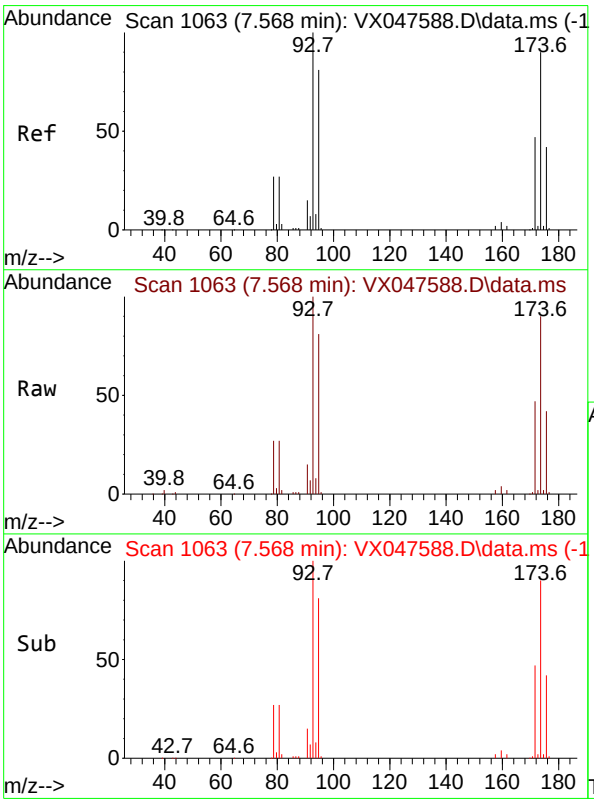
Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

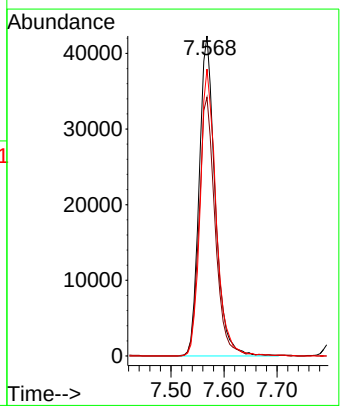
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

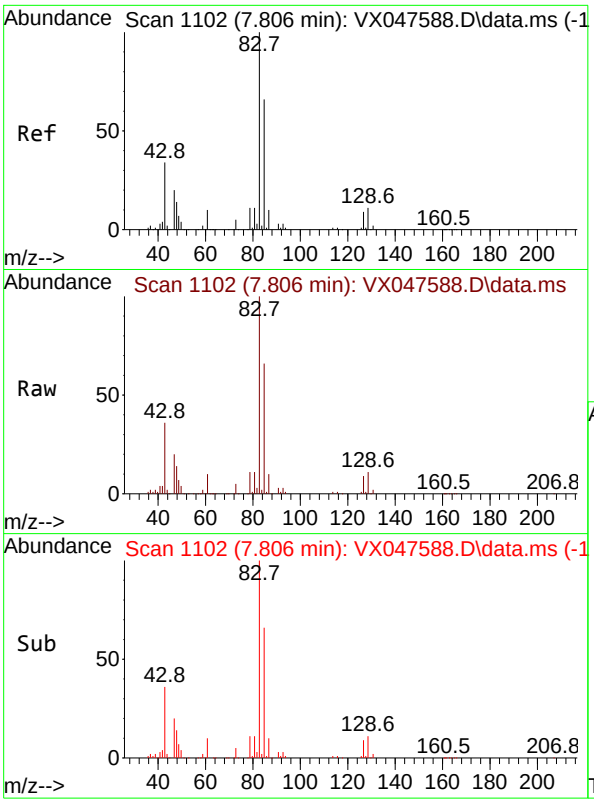


#46
Dibromomethane
Concen: 51.914 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 93 Resp: 88505

Ion	Ratio	Lower	Upper
93	100		
95	81.3	65.0	97.6
174	89.5	71.6	107.4

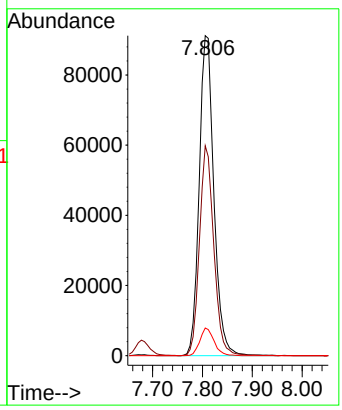




#47
Bromodichloromethane
Concen: 53.025 ug/l
RT: 7.806 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 83 Resp: 18654

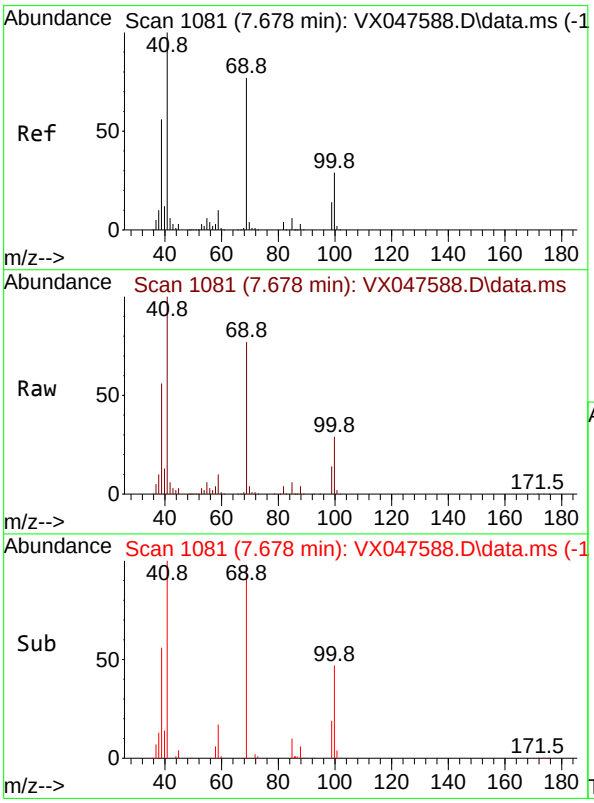
Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.5	78.7
127	8.6	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

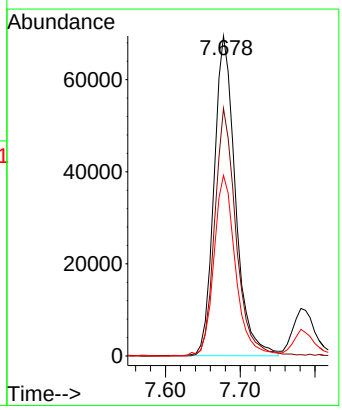
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

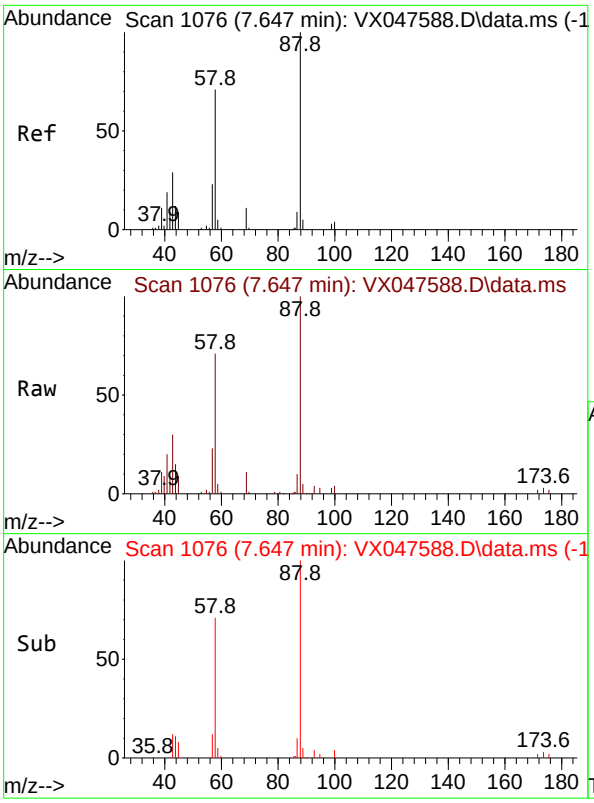


#48
Methyl methacrylate
Concen: 52.438 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 41 Resp: 138167

Ion	Ratio	Lower	Upper
41	100		
69	76.8	61.4	92.2
39	57.2	45.8	68.6

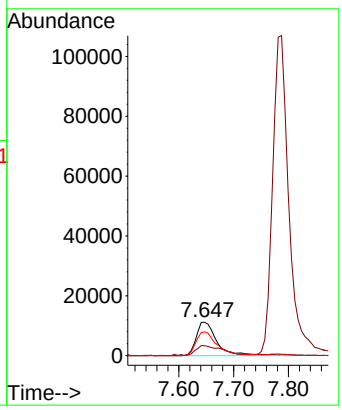




#49
1,4-Dioxane
Concen: 1107.698 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 88 Resp: 2949

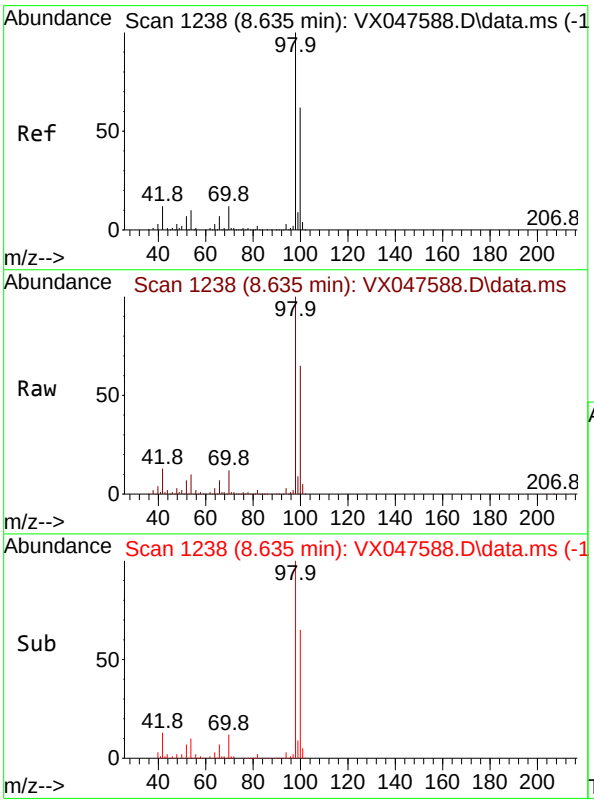
Ion	Ratio	Lower	Upper
88	100		
43	37.7	30.2	45.2
58	74.4	59.5	89.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

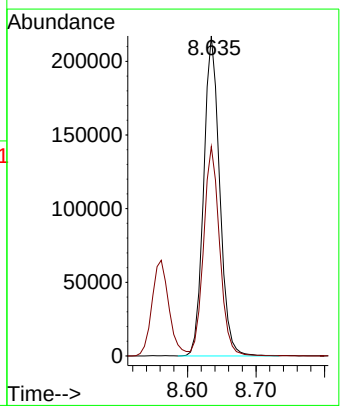
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

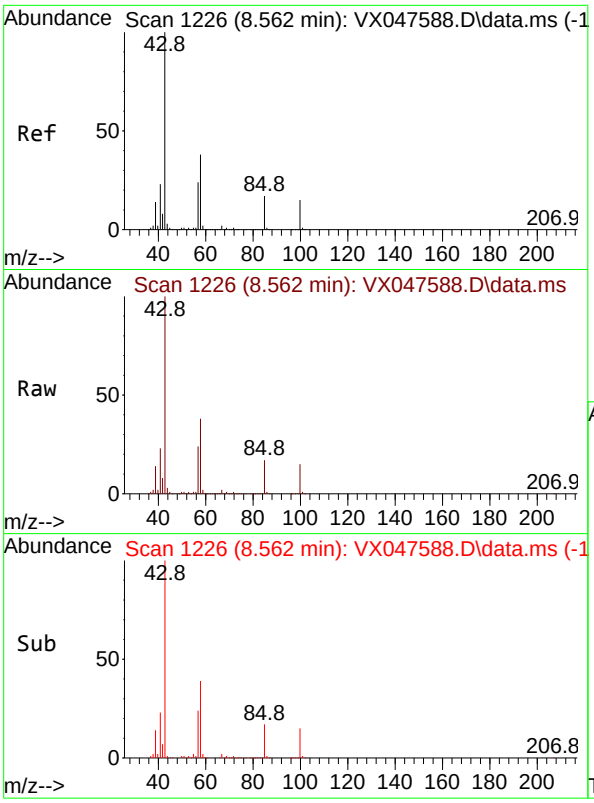


#50
Toluene-d8
Concen: 49.428 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 98 Resp: 352578

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4

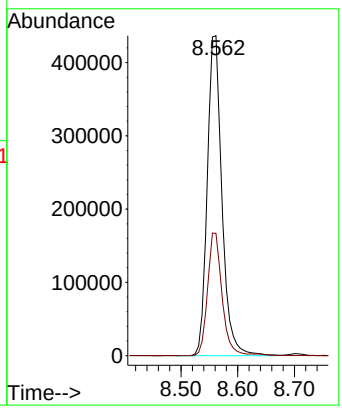




#51
4-Methyl-2-Pentanone
Concen: 267.650 ug/l
RT: 8.562 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 78497

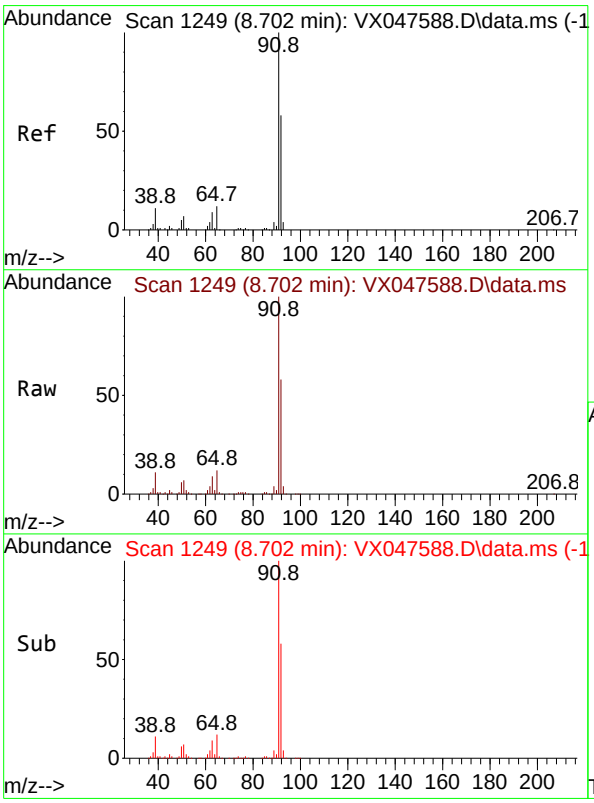
Ion	Ratio	Lower	Upper
43	100		
58	37.9	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

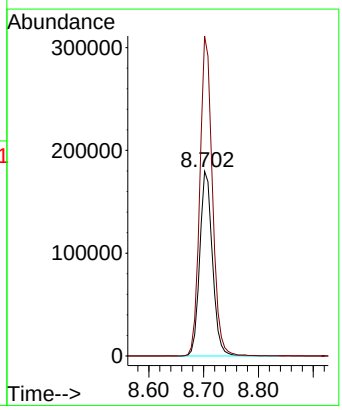
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

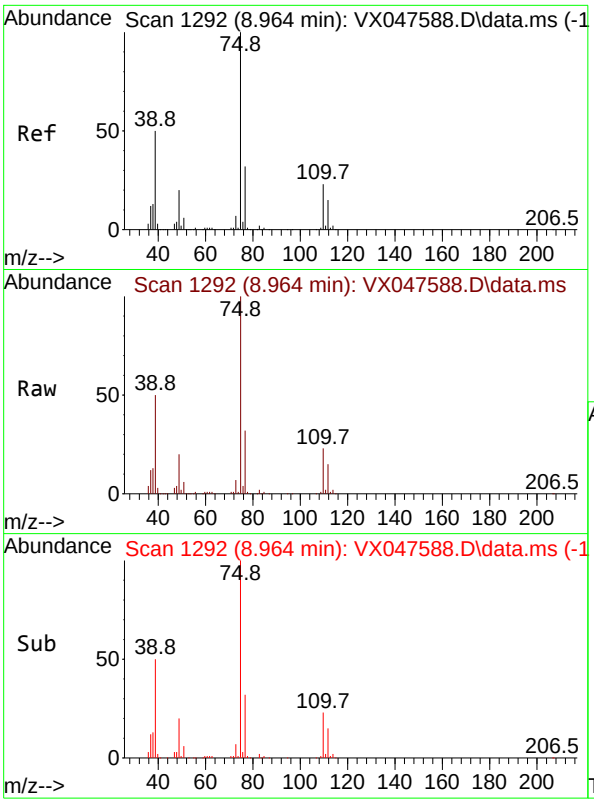


#52
Toluene
Concen: 51.244 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 92 Resp: 288853

Ion	Ratio	Lower	Upper
92	100		
91	171.4	137.1	205.7

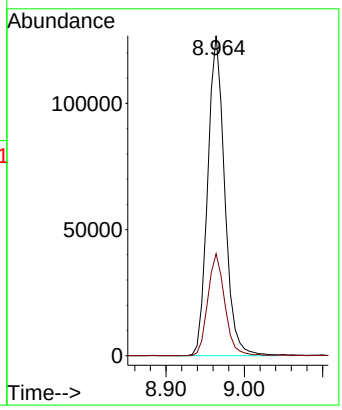




#53
t-1,3-Dichloropropene
Concen: 53.027 ug/l
RT: 8.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 75 Resp: 19028

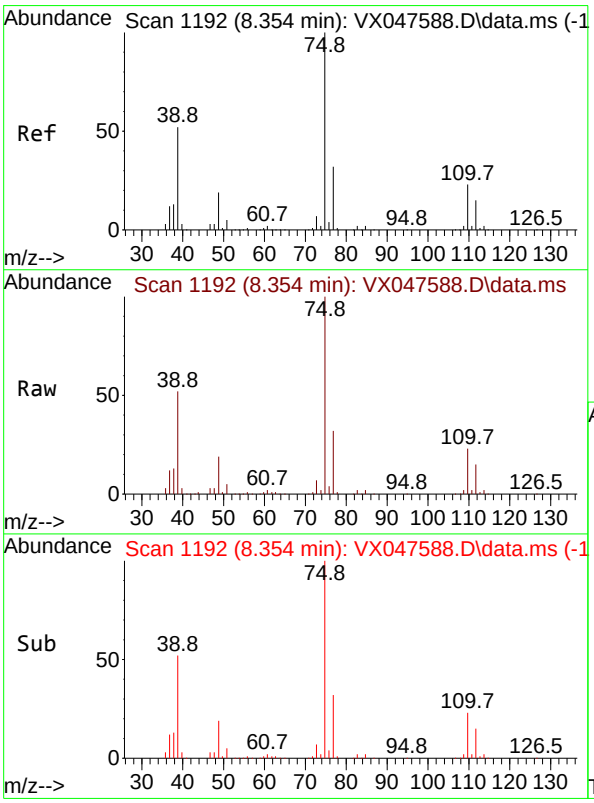
Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

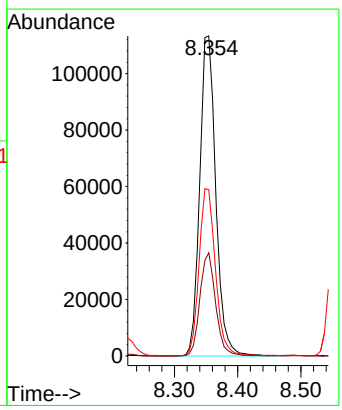
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

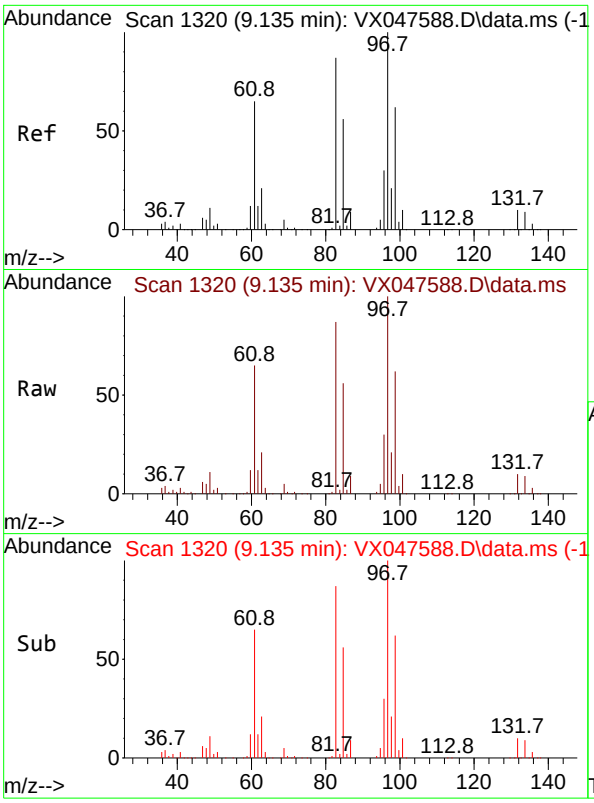


#54
cis-1,3-Dichloropropene
Concen: 52.369 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 75 Resp: 200859

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.8	38.6
39	51.8	41.4	62.2

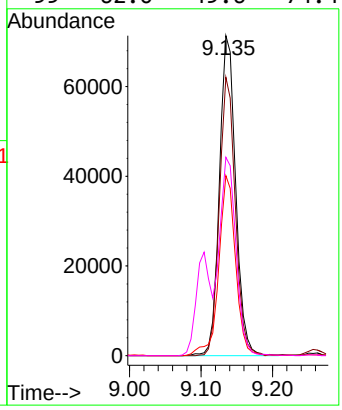




#55
1,1,2-Trichloroethane
Concen: 51.915 ug/l
RT: 9.135 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 97 Resp: 11283

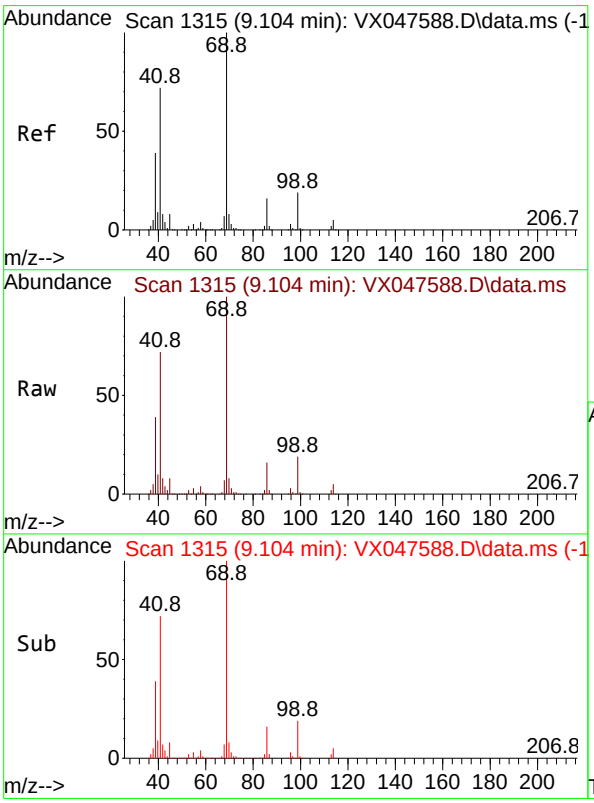
Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.6	104.4
85	56.3	45.0	67.6
99	62.0	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

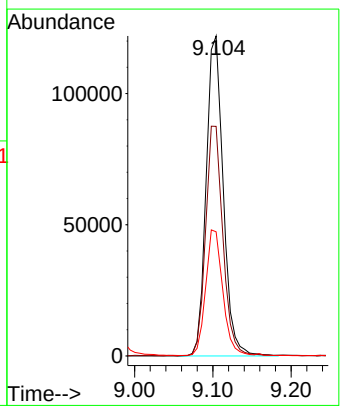
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

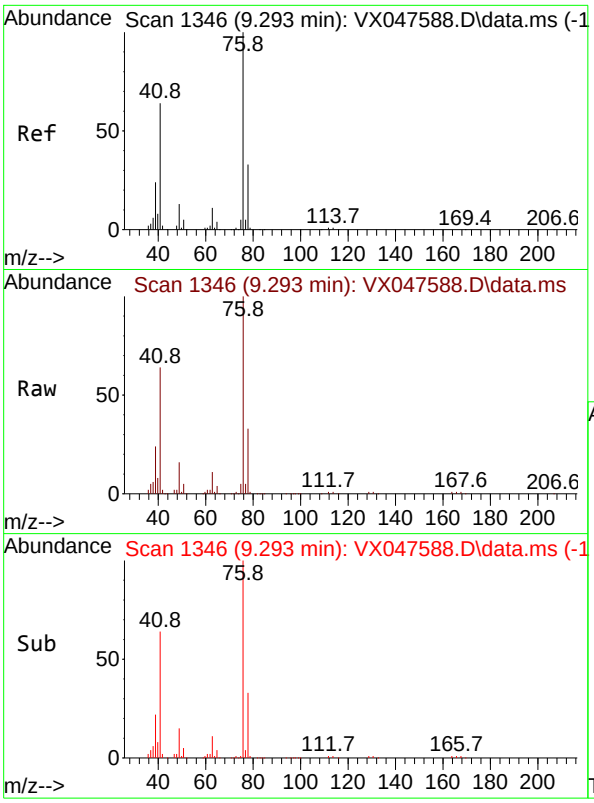


#56
Ethyl methacrylate
Concen: 53.930 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 69 Resp: 184087

Ion	Ratio	Lower	Upper
69	100		
41	73.2	58.6	87.8
39	39.4	31.5	47.3

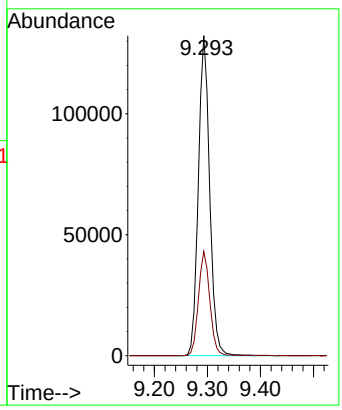




#57
1,3-Dichloropropane
Concen: 52.492 ug/l
RT: 9.293 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 76 Resp: 19598

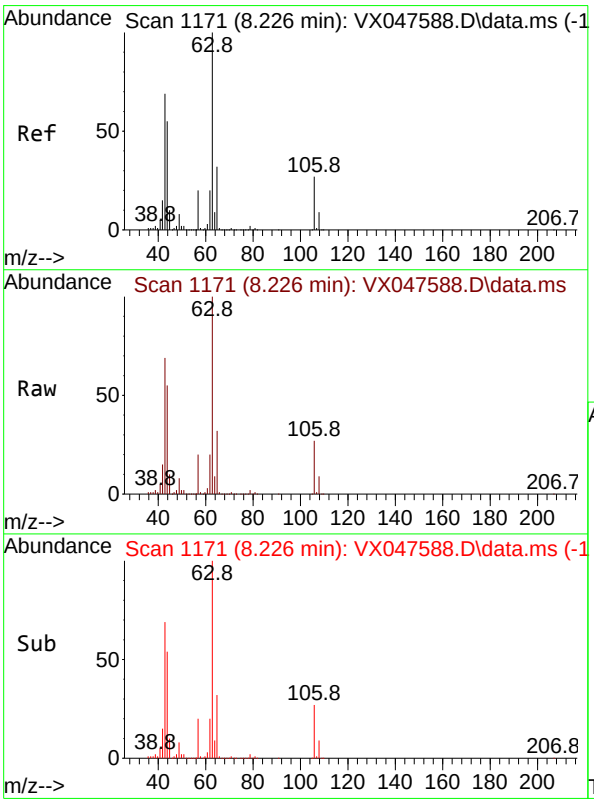
Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

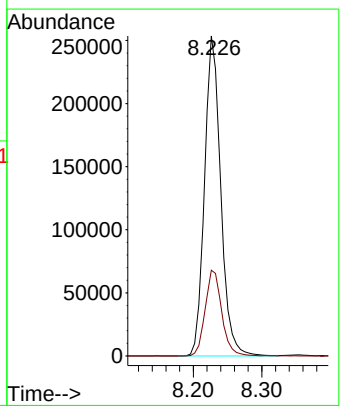
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

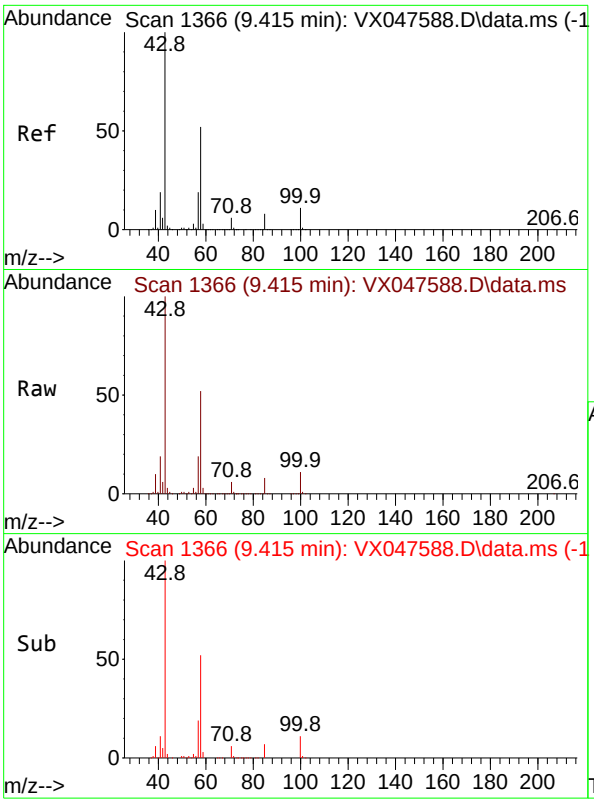


#58
2-Chloroethyl Vinyl ether
Concen: 256.309 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 63 Resp: 418707

Ion	Ratio	Lower	Upper
63	100		
106	27.4	21.9	32.9

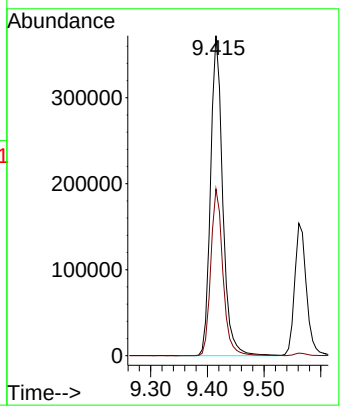




#59
2-Hexanone
Concen: 262.683 ug/l
RT: 9.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 55331

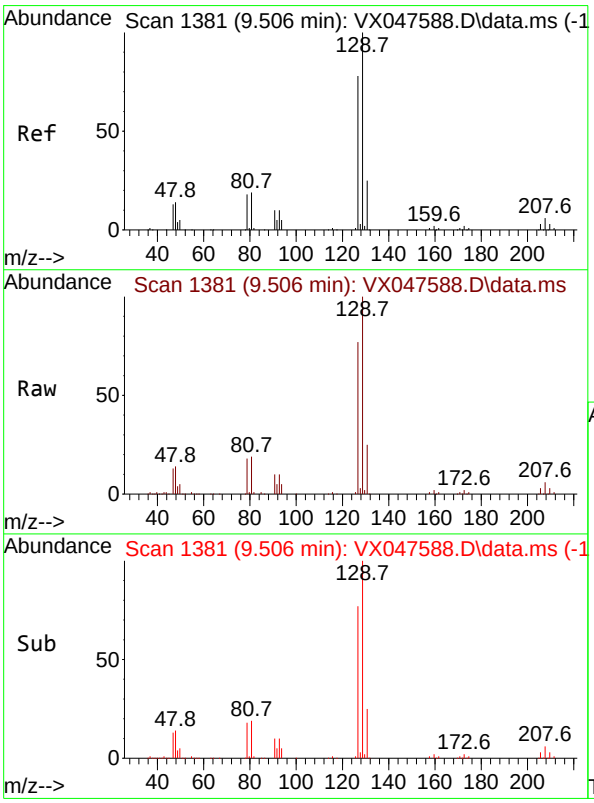
Ion	Ratio	Lower	Upper
43	100		
58	52.1	26.1	78.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

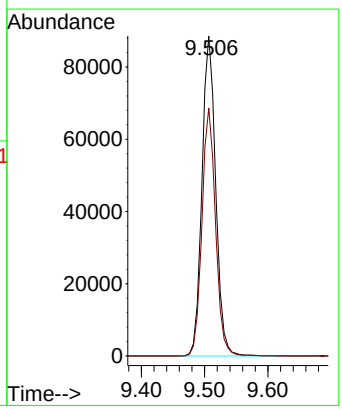
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

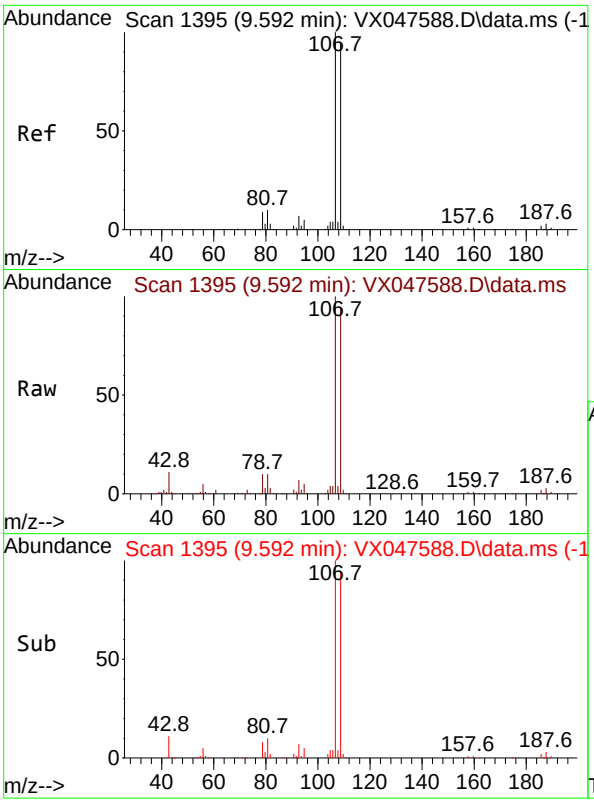


#60
Dibromochloromethane
Concen: 53.401 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:129 Resp: 133737

Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.4	115.2

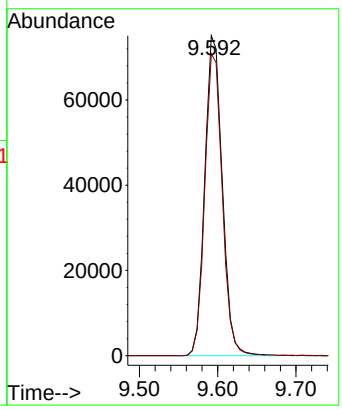




#61
1,2-Dibromoethane
Concen: 52.607 ug/l
RT: 9.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:107 Resp: 11646

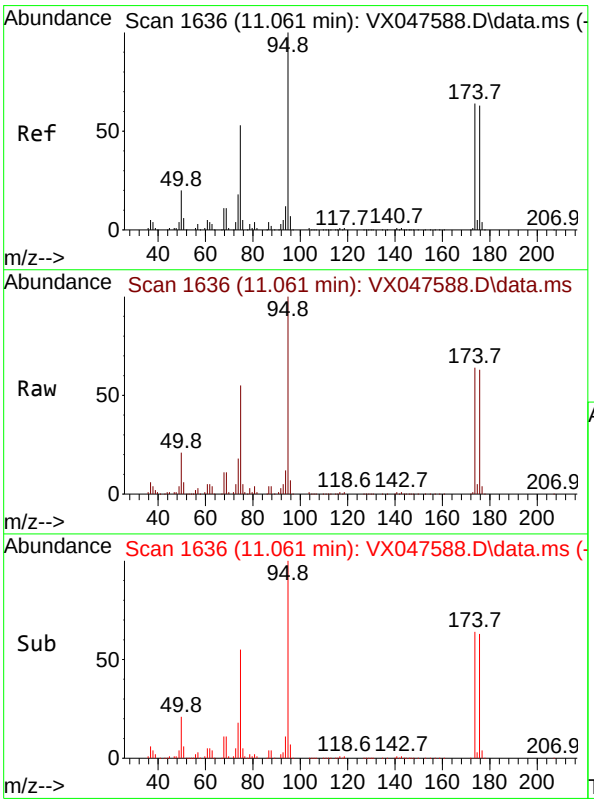
Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

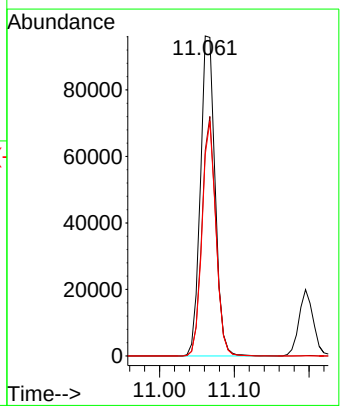
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

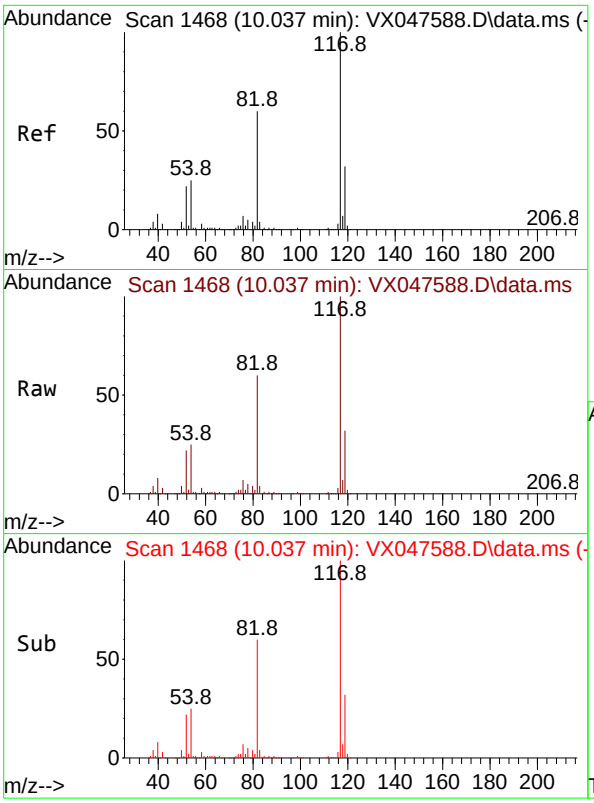


#62
4-Bromofluorobenzene
Concen: 48.471 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 95 Resp: 131217

Ion	Ratio	Lower	Upper
95	100		
174	70.8	0.0	141.6
176	69.2	0.0	138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

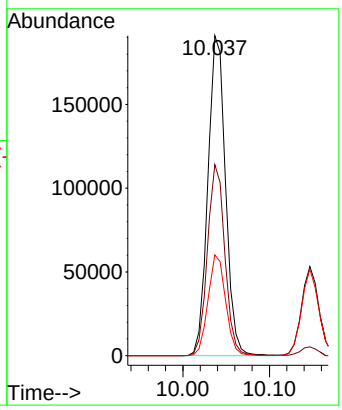
Tgt Ion:117 Resp: 27004

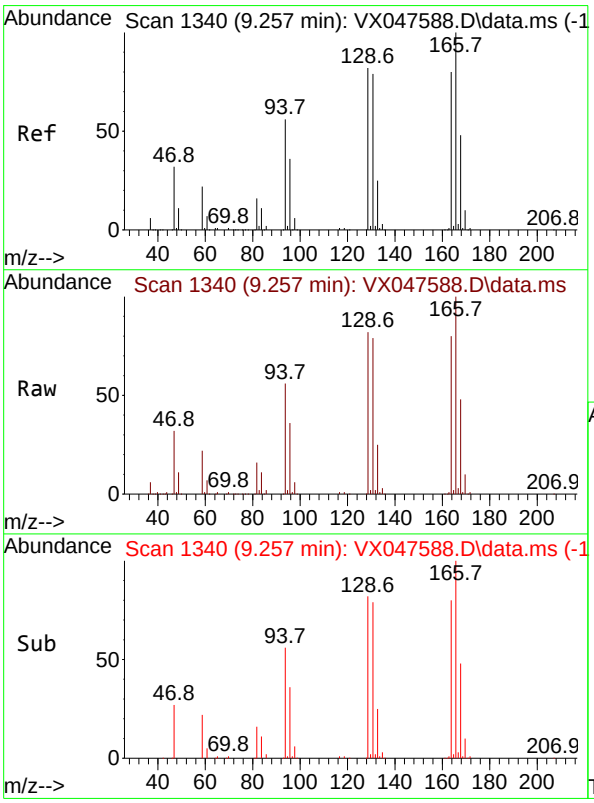
Ion	Ratio	Lower	Upper
117	100		
82	59.7	47.8	71.6
119	31.5	25.2	37.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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

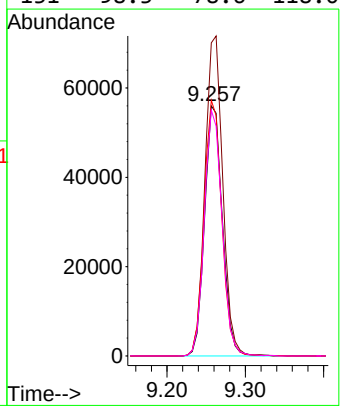


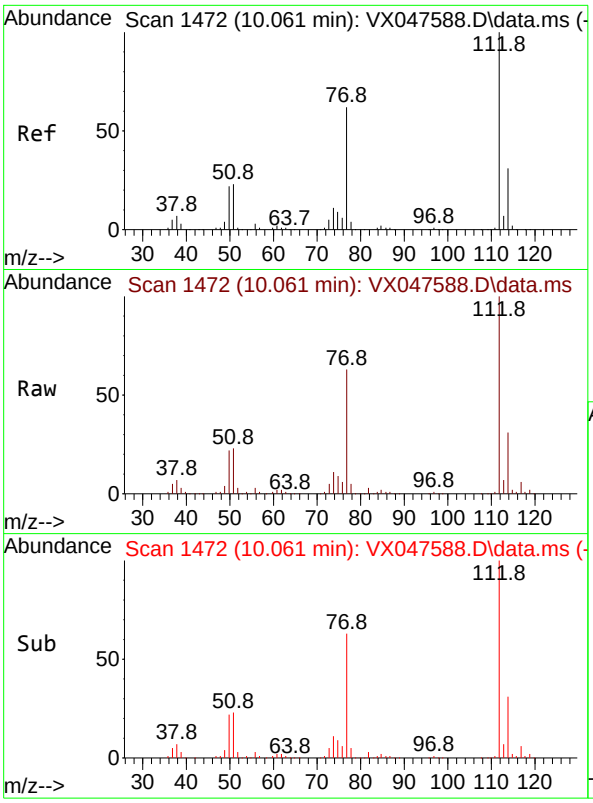


#64
Tetrachloroethene
Concen: 50.074 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:164 Resp: 88149

Ion	Ratio	Lower	Upper
164	100		
166	125.2	100.2	150.2
129	102.2	81.8	122.6
131	98.3	78.6	118.0





#65
Chlorobenzene
Concen: 51.833 ug/l
RT: 10.061 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

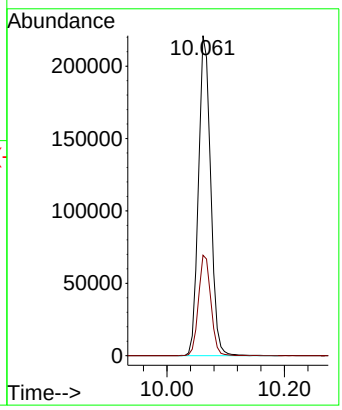
Tgt Ion:112 Resp: 31798

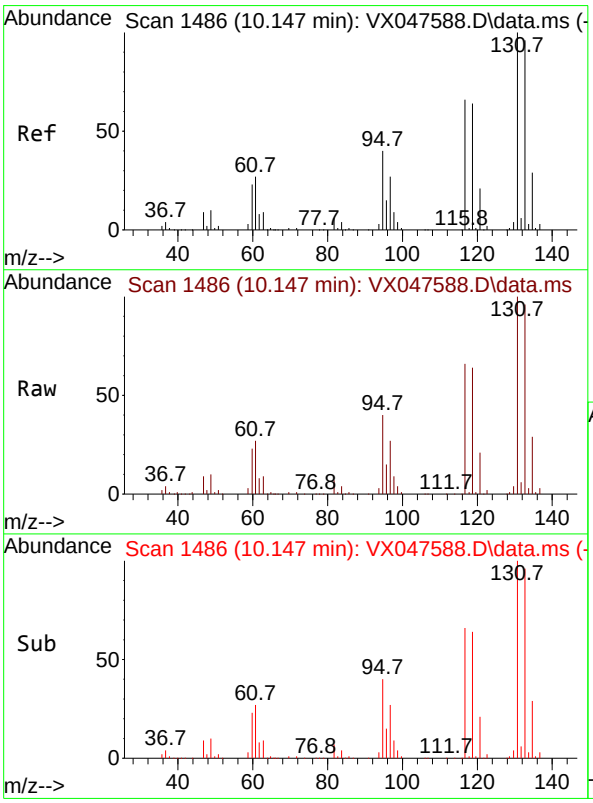
Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.1	37.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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

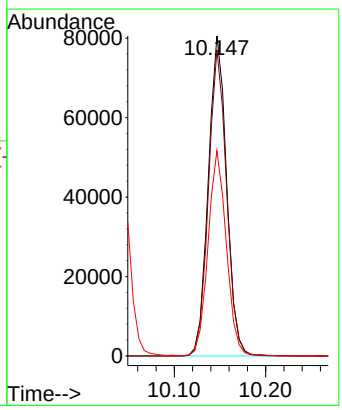


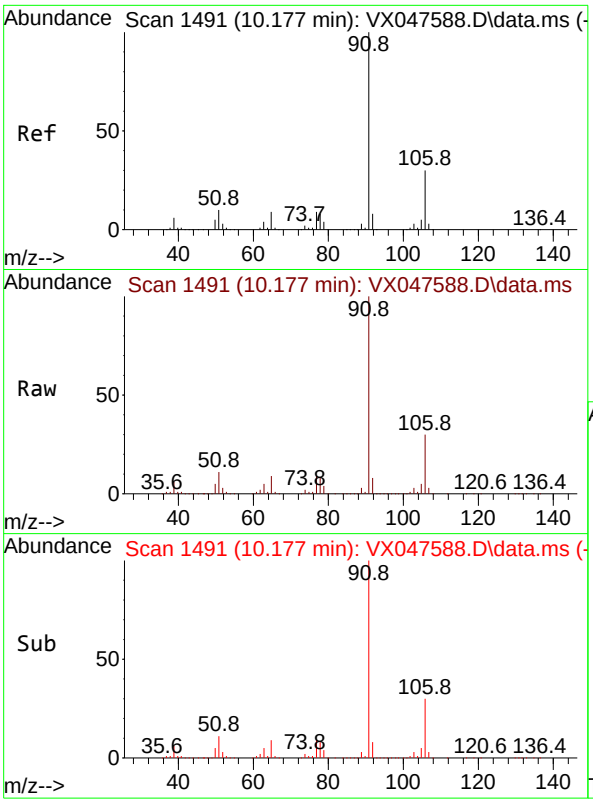


#66
1,1,1,2-Tetrachloroethane
Concen: 52.835 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:131 Resp: 111849

Ion	Ratio	Lower	Upper
131	100		
133	94.7	47.3	142.0
119	64.0	32.0	96.0

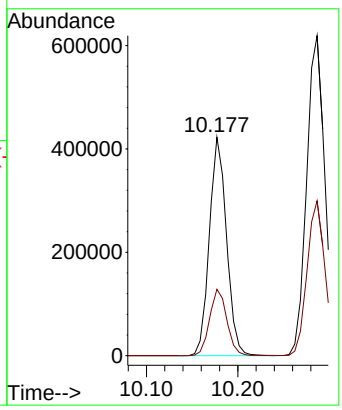




#67
Ethyl Benzene
Concen: 52.017 ug/l
RT: 10.177 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 91 Resp: 55061

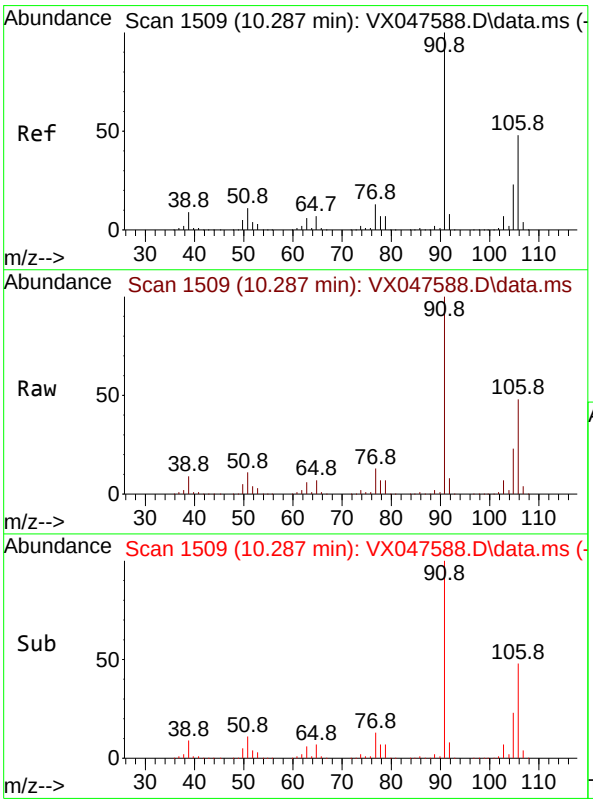
Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.3	36.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

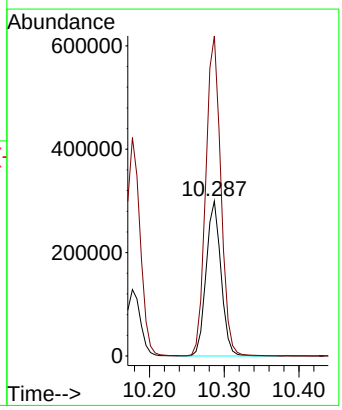
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

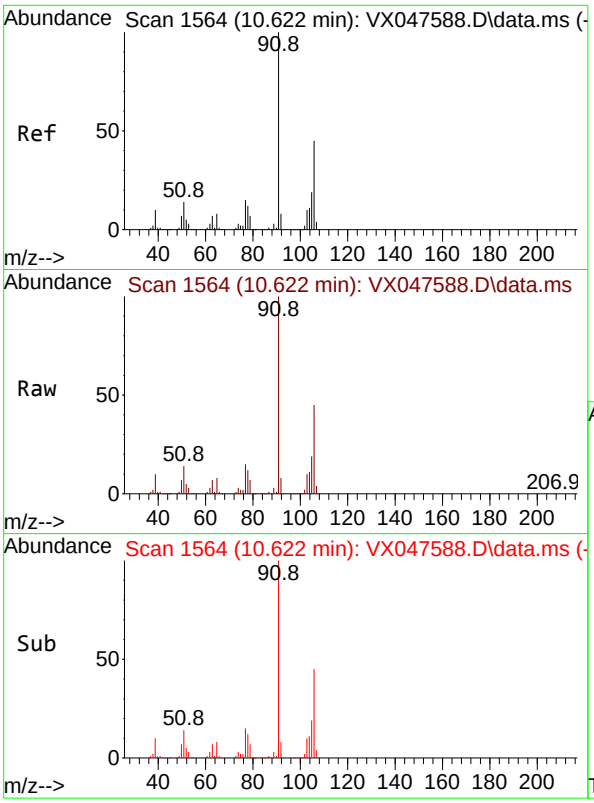


#68
m/p-Xylenes
Concen: 104.809 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:106 Resp: 412932

Ion	Ratio	Lower	Upper
106	100		
91	209.8	167.8	251.8

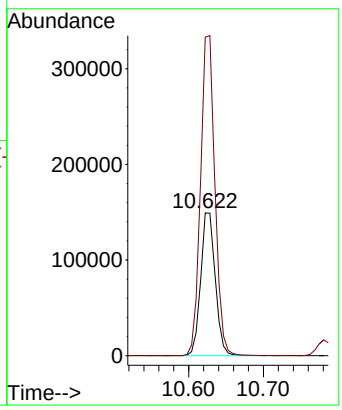




#69
o-Xylene
Concen: 53.084 ug/l
RT: 10.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:106 Resp: 20229

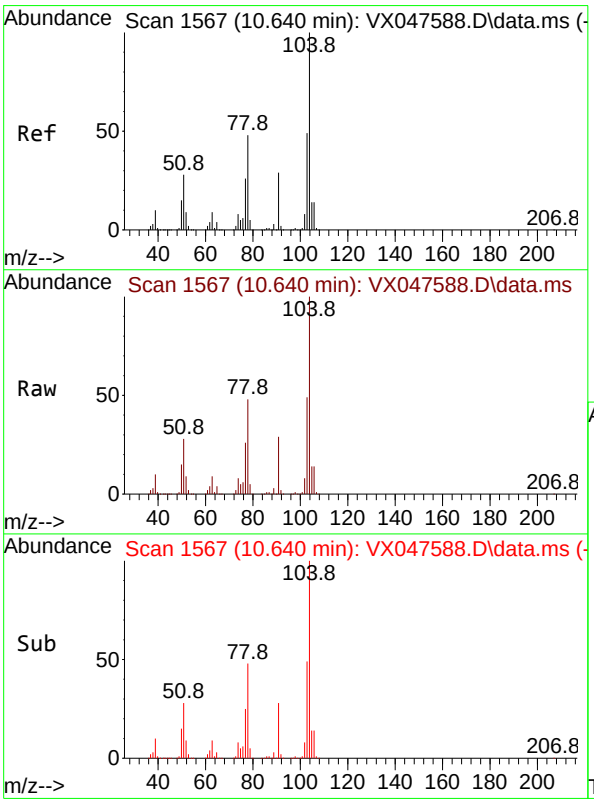
Ion	Ratio	Lower	Upper
106	100		
91	222.3	111.1	333.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

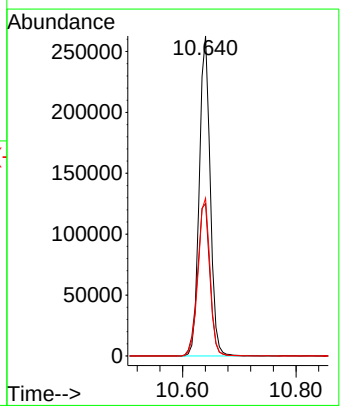
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

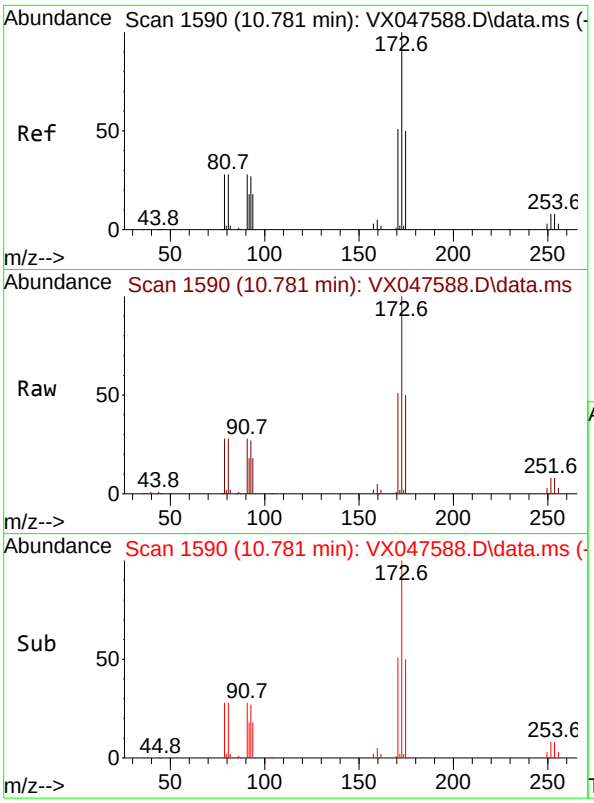


#70
Styrene
Concen: 52.515 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:104 Resp: 350654

Ion	Ratio	Lower	Upper
104	100		
78	53.9	43.1	64.7
103	53.9	43.1	64.7

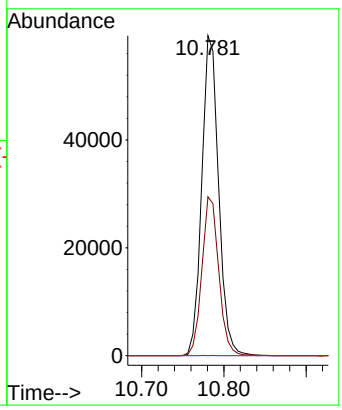




#71
Bromoform
Concen: 53.447 ug/l
RT: 10.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:173 Resp: 8448

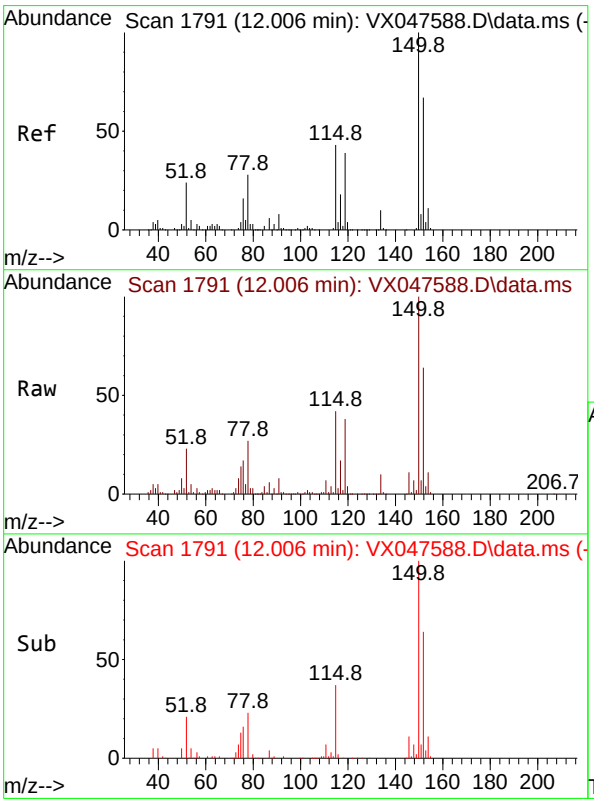
Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.9	74.6
254	0.1	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

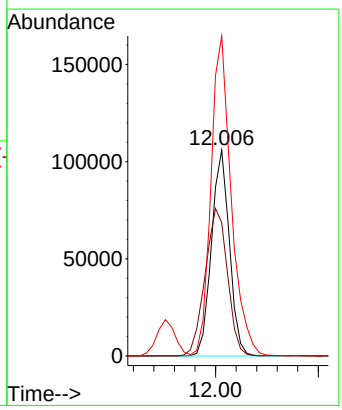
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

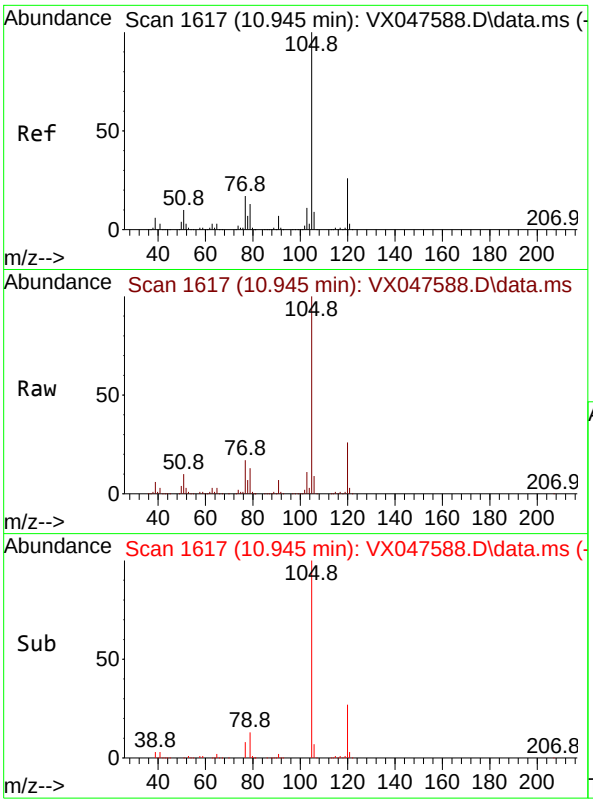


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:152 Resp: 127732

Ion	Ratio	Lower	Upper
152	100		
115	89.7	44.9	134.5
150	176.0	0.0	352.0

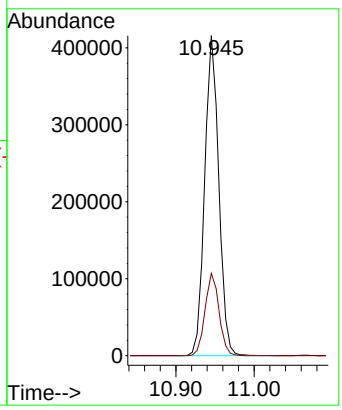




#73
Isopropylbenzene
Concen: 53.227 ug/l
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:105 Resp: 51689

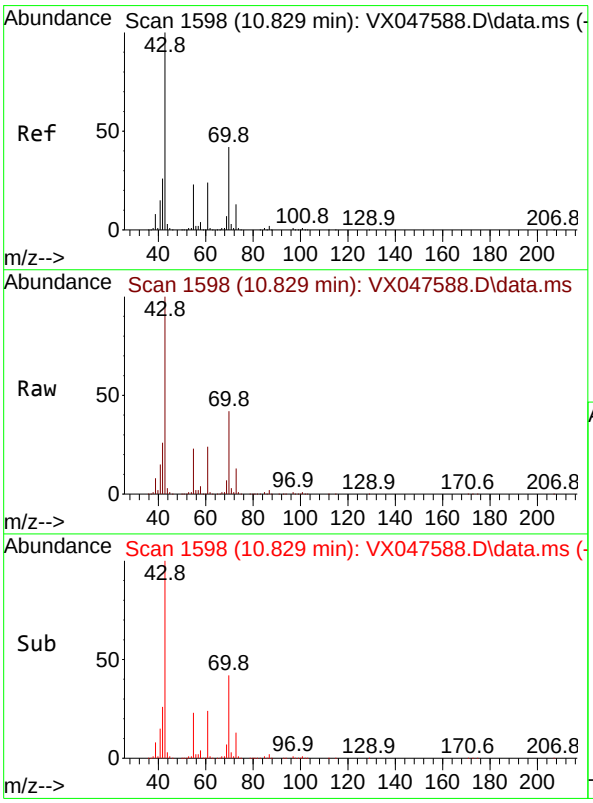
Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

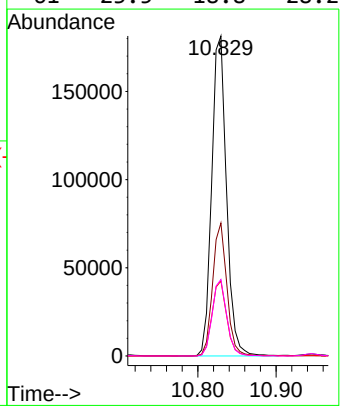
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

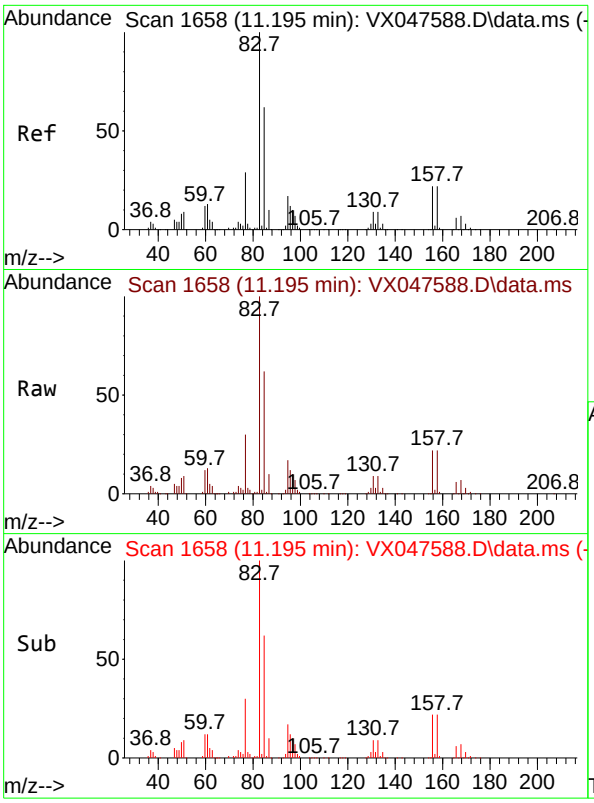


#74
N-amyl acetate
Concen: 53.710 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 237846

Ion	Ratio	Lower	Upper
43	100		
70	40.0	32.0	48.0
55	23.6	18.9	28.3
61	23.5	18.8	28.2

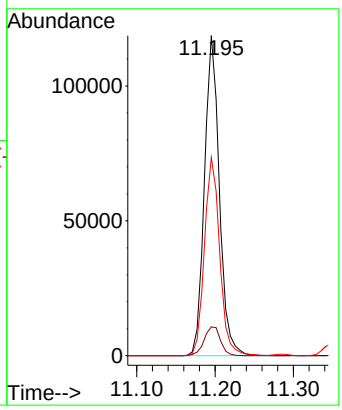




#75
1,1,2,2-Tetrachloroethane
Concen: 53.251 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 83 Resp: 15645

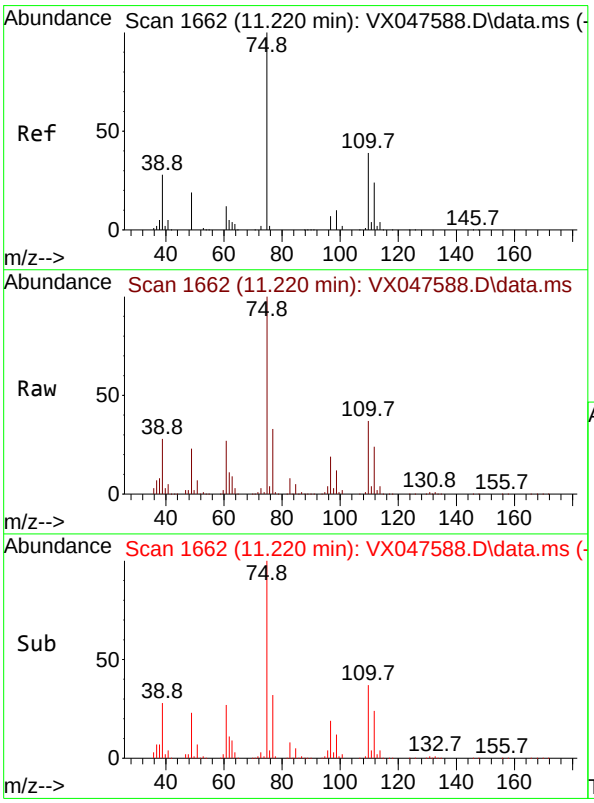
Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	14.9
85	63.3	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

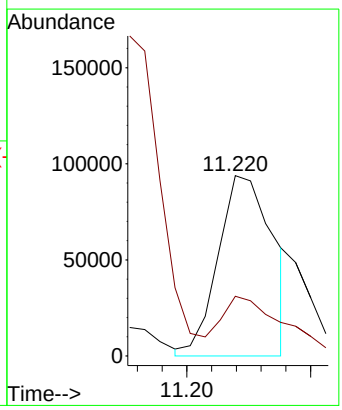
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

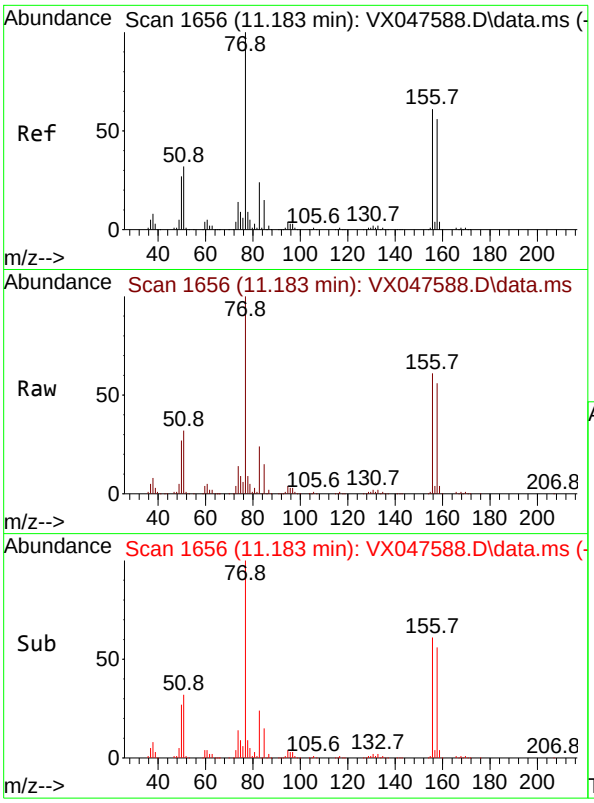


#76
1,2,3-Trichloropropane
Concen: 54.322 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 75 Resp: 144074

Ion	Ratio	Lower	Upper
75	100		
77	37.6	18.8	56.4





#77
Bromobenzene
Concen: 52.754 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

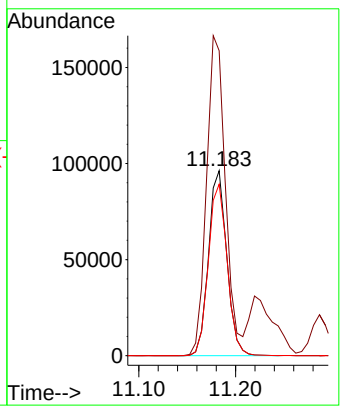
Tgt Ion:156 Resp: 12617

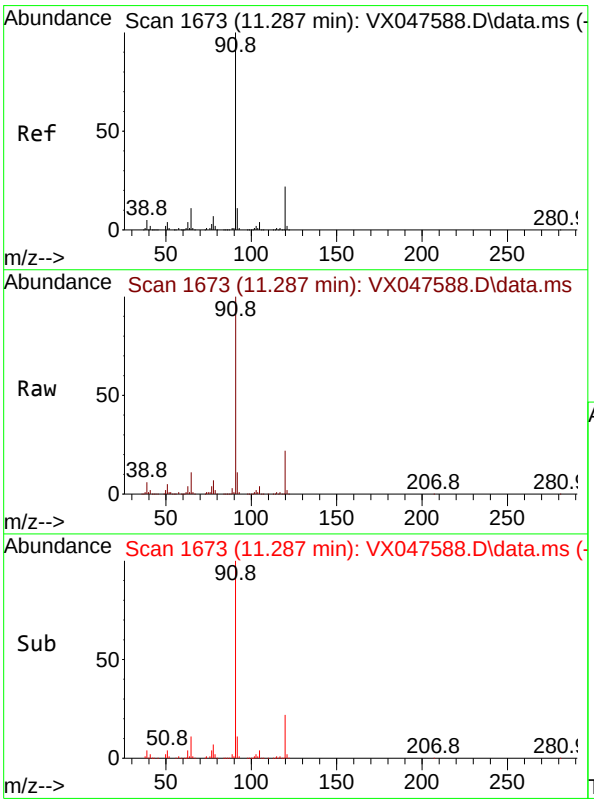
Ion	Ratio	Lower	Upper
156	100		
77	179.4	89.7	269.1
158	95.7	47.9	143.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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

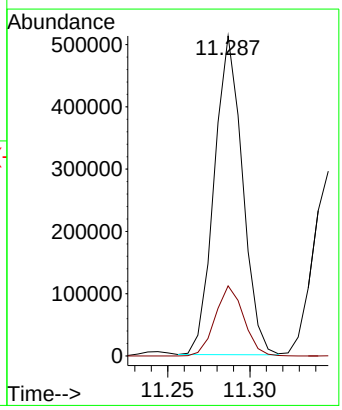


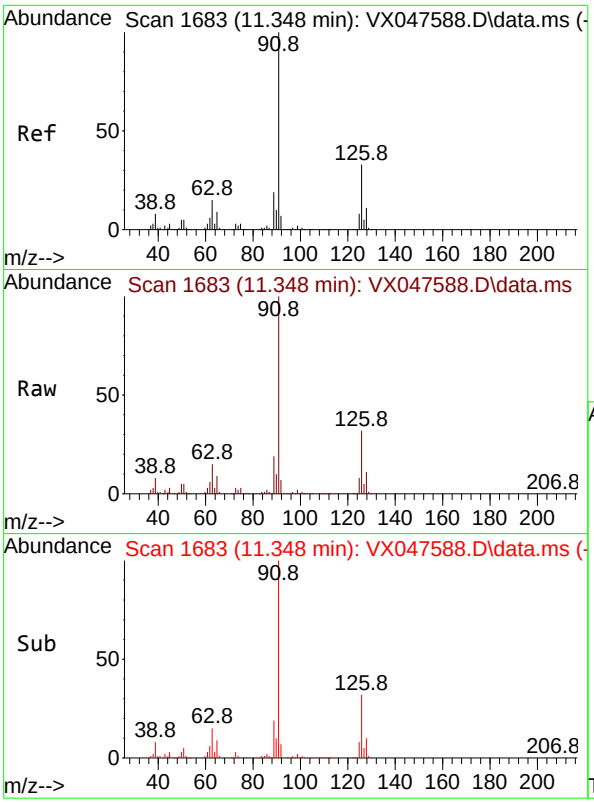


#78
n-propylbenzene
Concen: 53.315 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 91 Resp: 612035

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.1	33.1





#79
2-Chlorotoluene
Concen: 52.965 ug/l
RT: 11.348 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

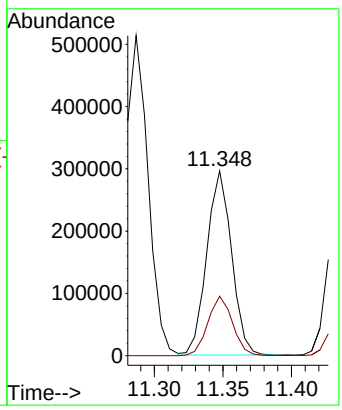
Tgt Ion: 91 Resp: 37239

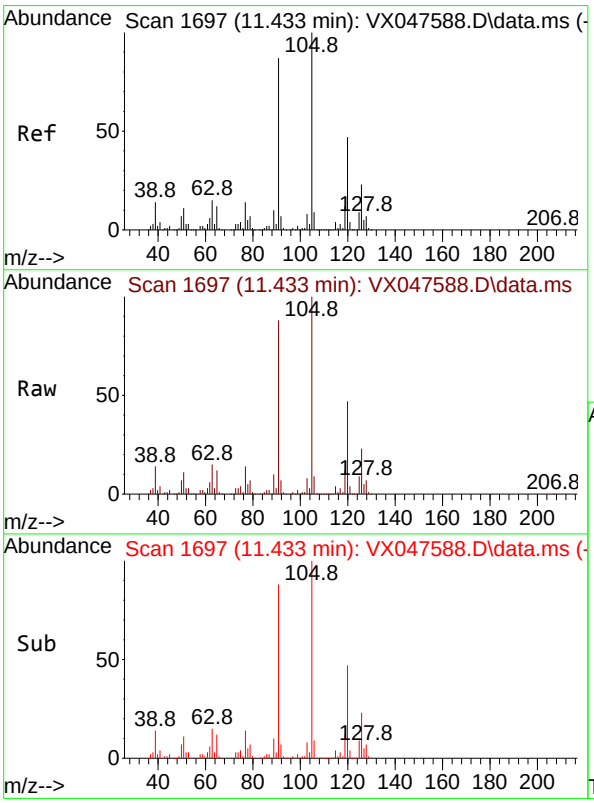
Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.1	48.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

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

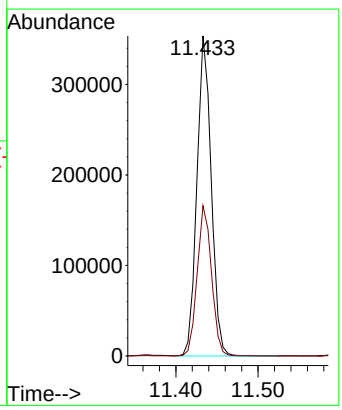


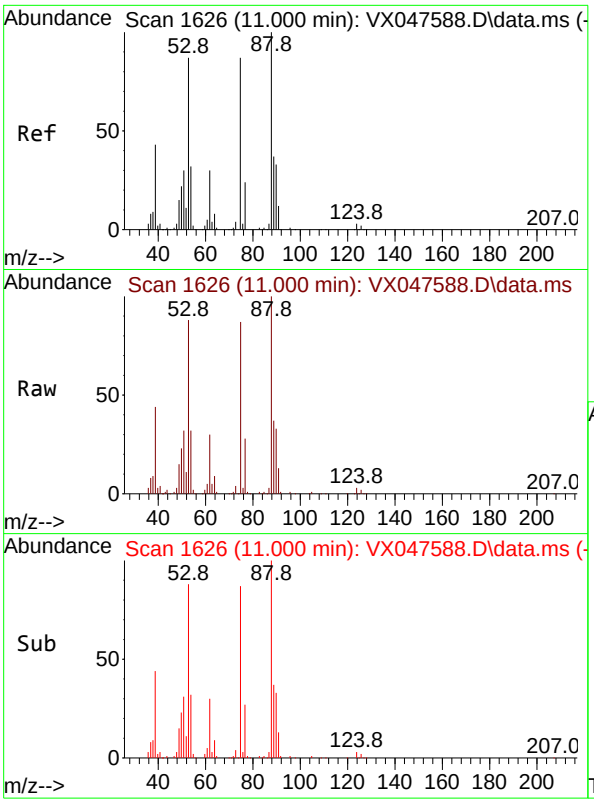


#80
1,3,5-Trimethylbenzene
Concen: 53.518 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:105 Resp: 426989

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.6	70.8

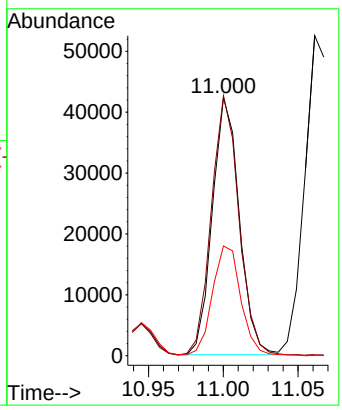




#81
trans-1,4-Dichloro-2-butene
Concen: 52.190 ug/l
RT: 11.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 75 Resp: 5292

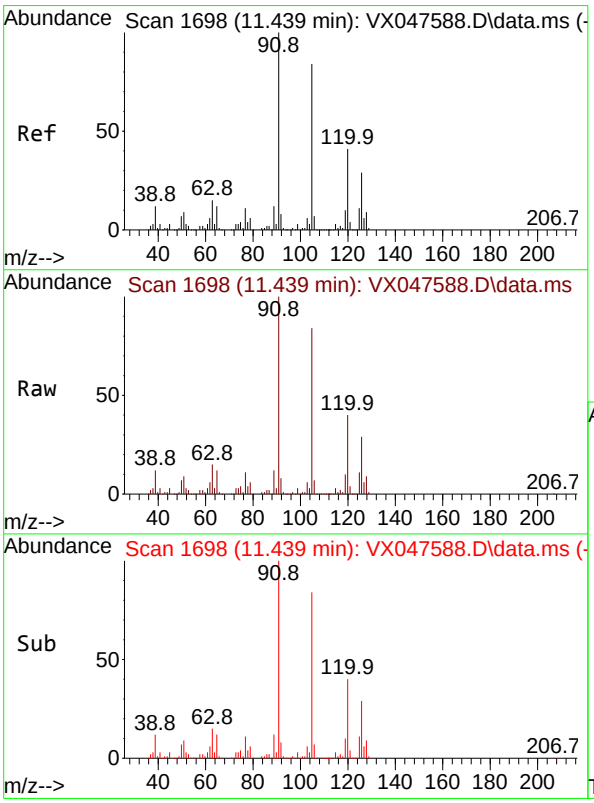
Ion	Ratio	Lower	Upper
75	100		
53	104.3	83.4	125.2
89	45.4	36.3	54.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

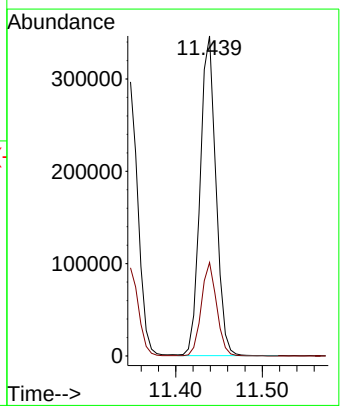
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

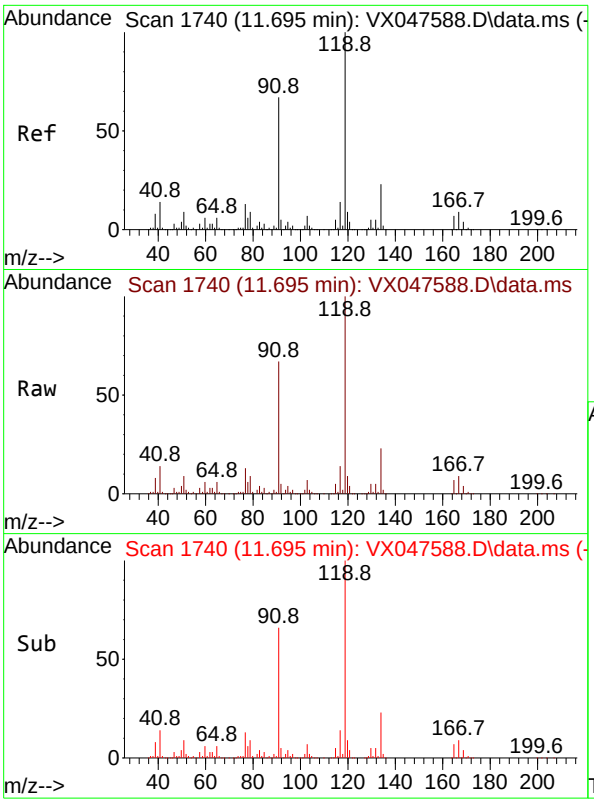


#82
4-Chlorotoluene
Concen: 52.806 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 91 Resp: 438502

Ion	Ratio	Lower	Upper
91	100		
126	28.4	14.2	42.6

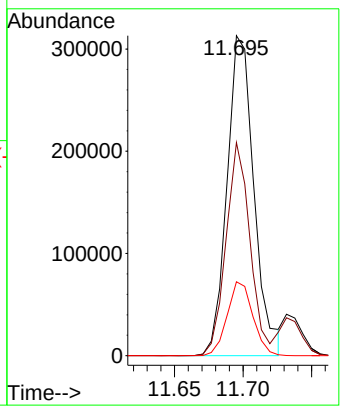




#83
tert-Butylbenzene
Concen: 52.539 ug/l
RT: 11.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:119 Resp: 42910

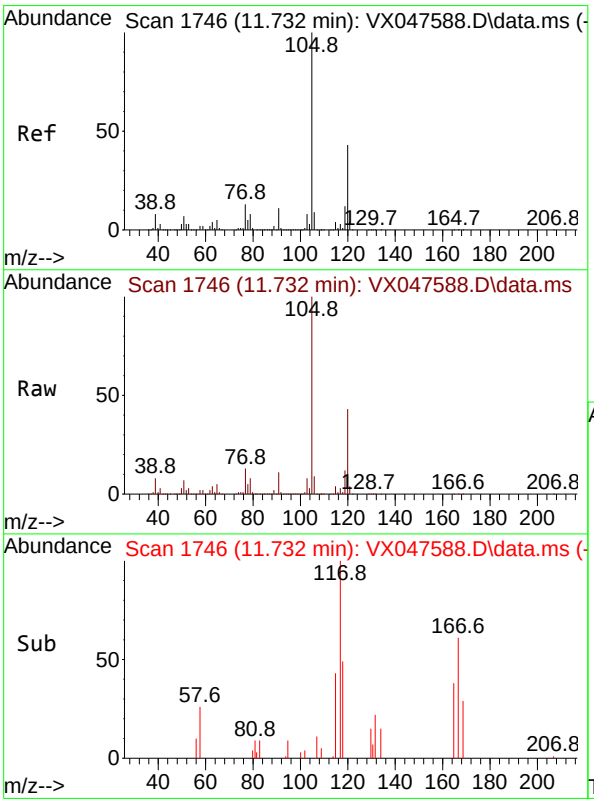
Ion	Ratio	Lower	Upper
119	100		
91	59.2	29.6	88.8
134	22.0	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

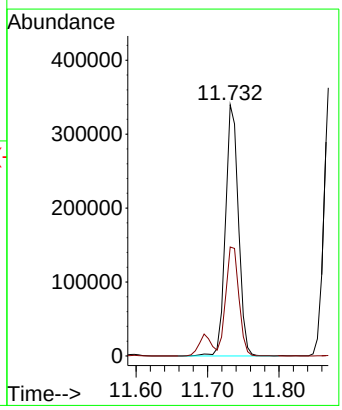
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

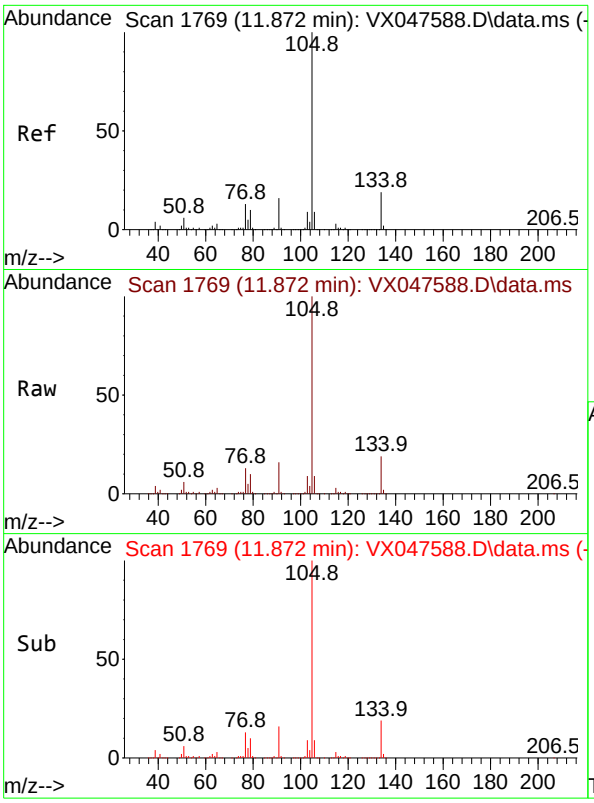


#84
1,2,4-Trimethylbenzene
Concen: 52.798 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:105 Resp: 427073

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.1

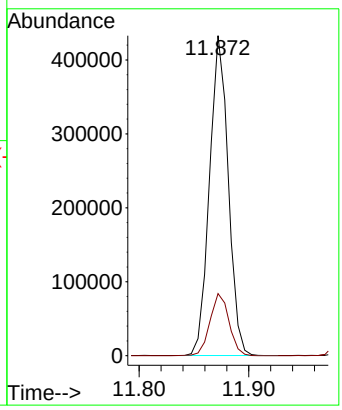




#85
sec-Butylbenzene
Concen: 53.029 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:105 Resp: 51444

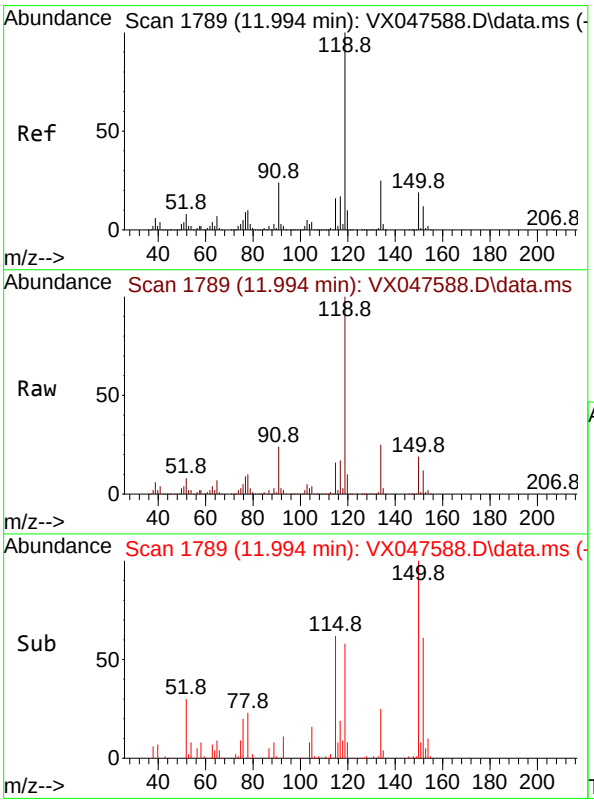
Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

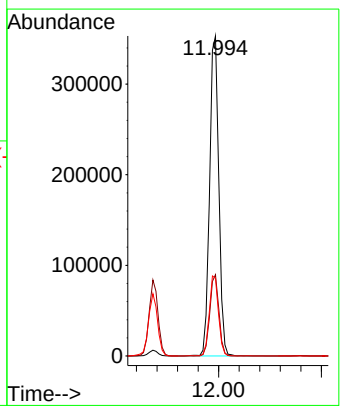
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

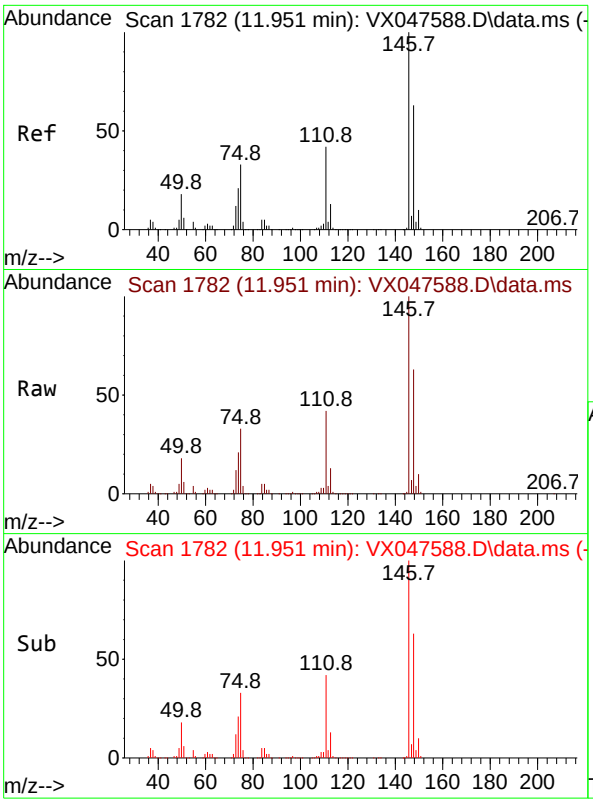


#86
p-Isopropyltoluene
Concen: 53.172 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:119 Resp: 436704

Ion	Ratio	Lower	Upper
119	100		
134	25.2	12.6	37.8
91	25.1	12.6	37.6

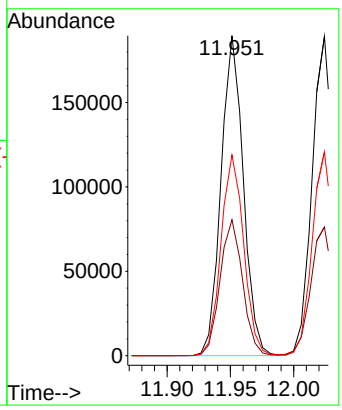




#87
1,3-Dichlorobenzene
Concen: 52.232 ug/l
RT: 11.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:146 Resp: 23203

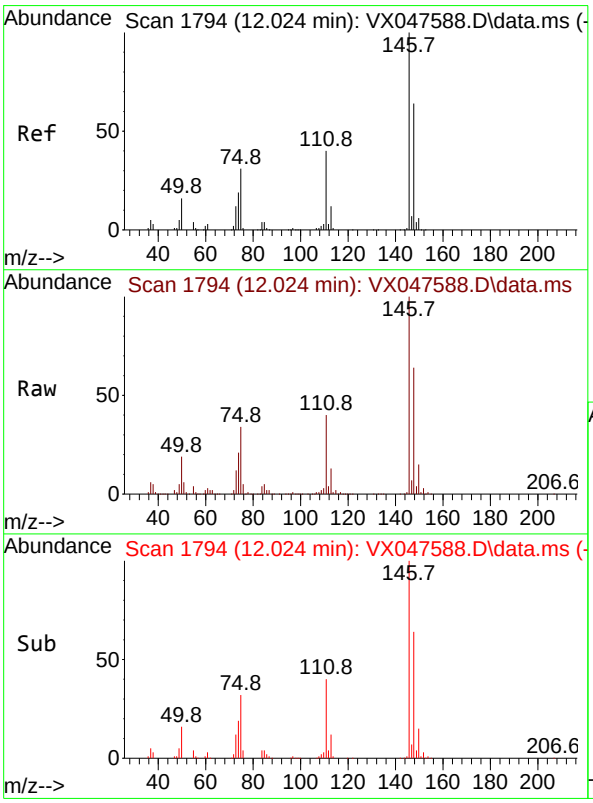
Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.5	64.5
148	64.0	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

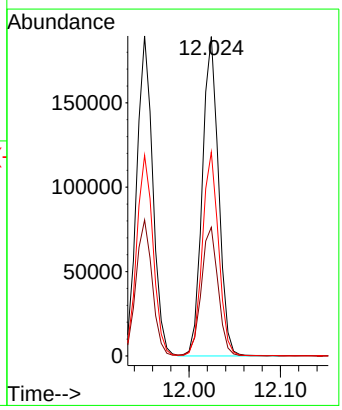
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

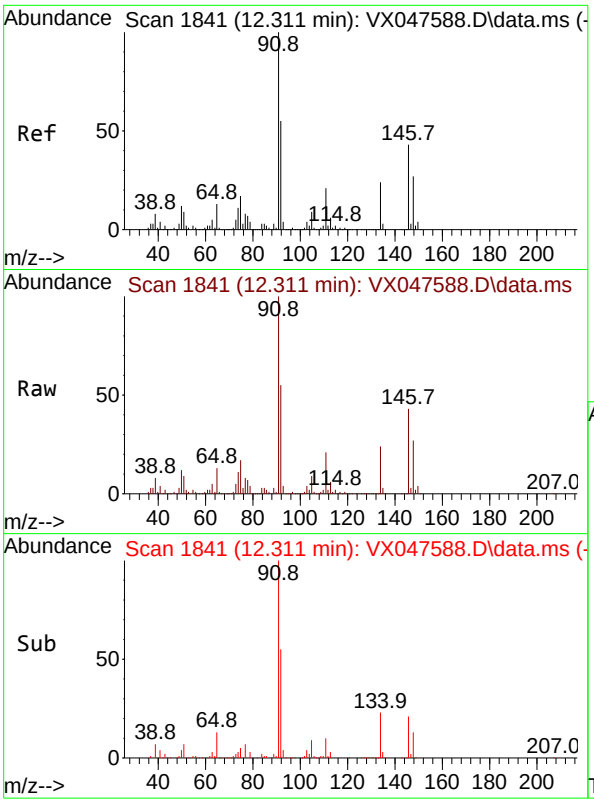


#88
1,4-Dichlorobenzene
Concen: 51.316 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:146 Resp: 233975

Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.8	62.4
148	63.4	31.7	95.1

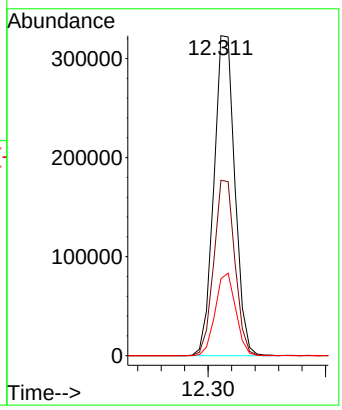




#89
n-Butylbenzene
Concen: 52.766 ug/l
RT: 12.311 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 91 Resp: 40099

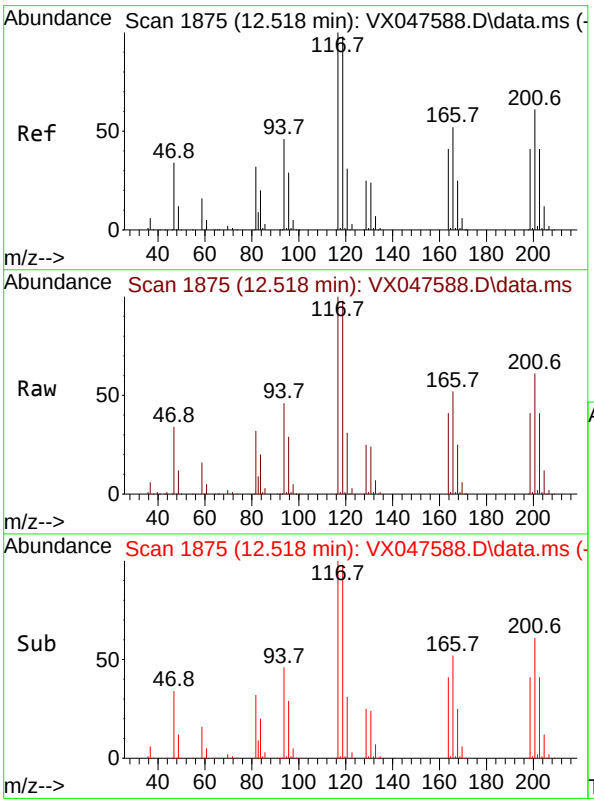
Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.6	82.7
134	25.2	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

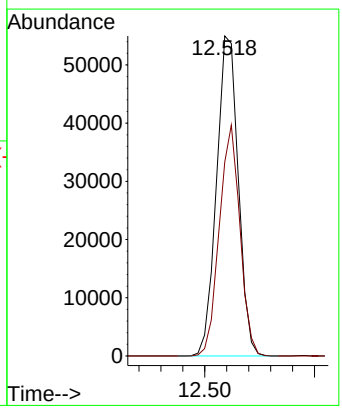
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

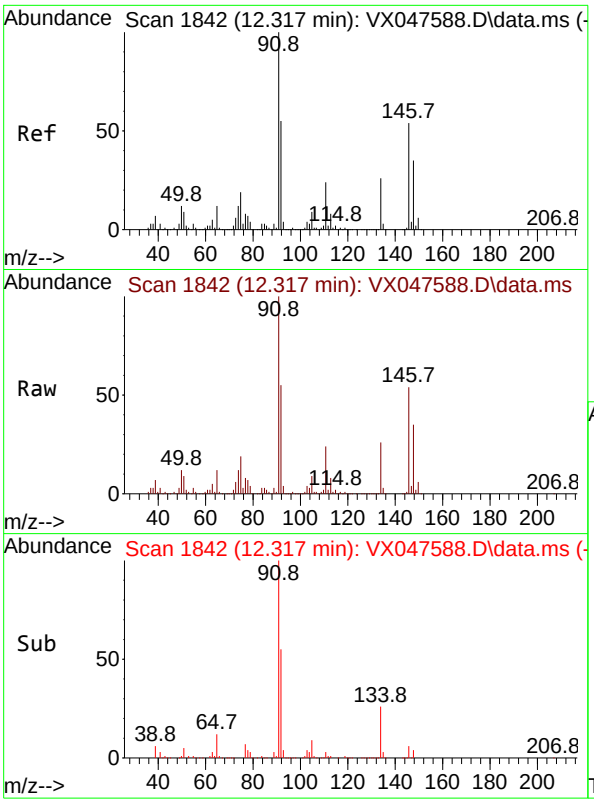


#90
Hexachloroethane
Concen: 52.567 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:117 Resp: 75800

Ion	Ratio	Lower	Upper
117	100		
201	68.3	34.2	102.5

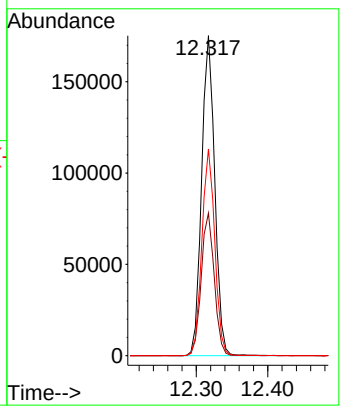




#91
1,2-Dichlorobenzene
Concen: 52.688 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:146 Resp: 22299

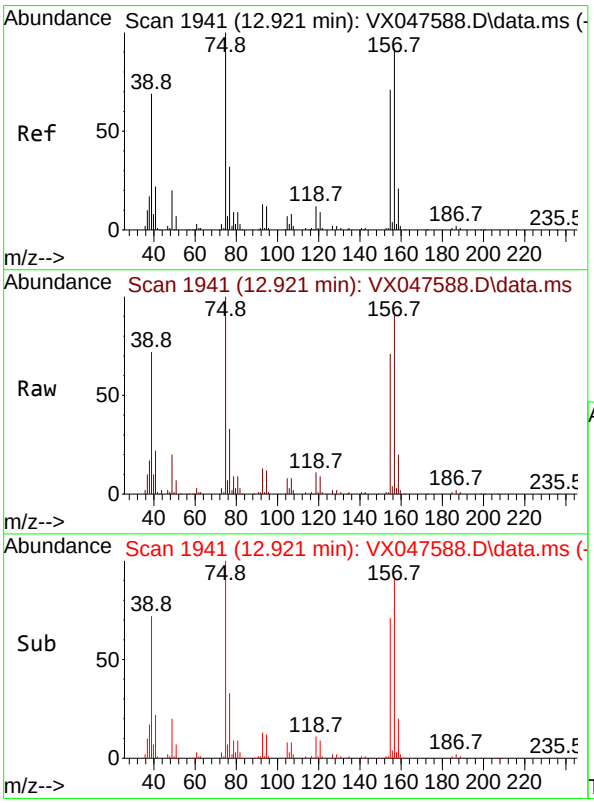
Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.2	66.6
148	63.6	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

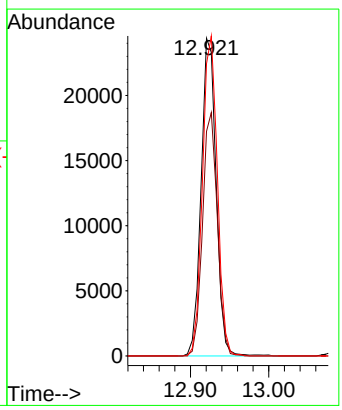
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

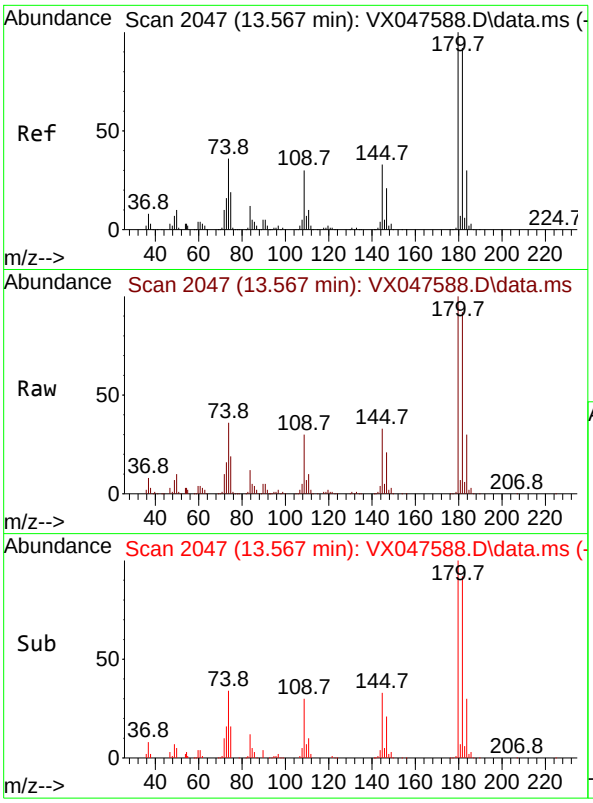


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.554 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 75 Resp: 32451

Ion	Ratio	Lower	Upper
75	100		
155	75.4	37.7	113.1
157	99.6	49.8	149.4

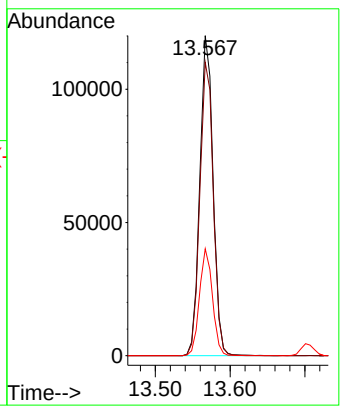




#93
1,2,4-Trichlorobenzene
Concen: 53.685 ug/l
RT: 13.567 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:180 Resp: 14767

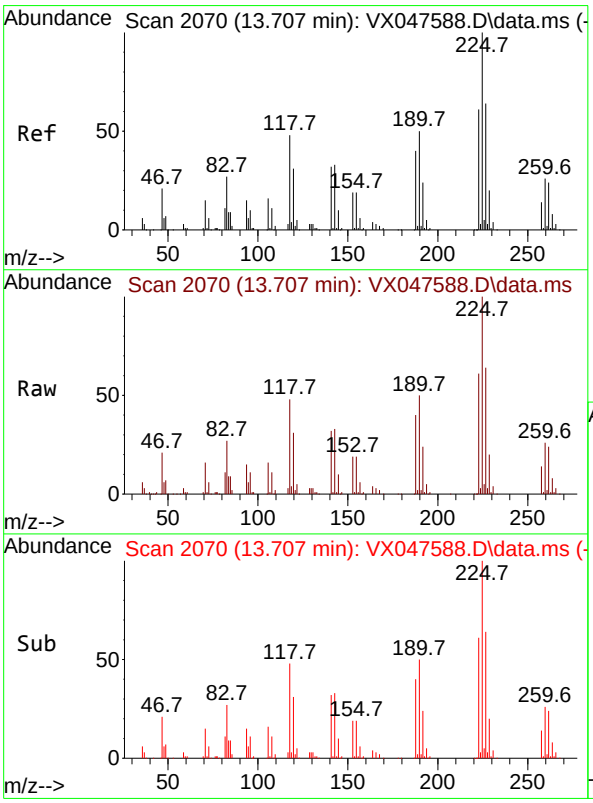
Ion	Ratio	Lower	Upper
180	100		
182	93.2	46.6	139.8
145	32.7	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

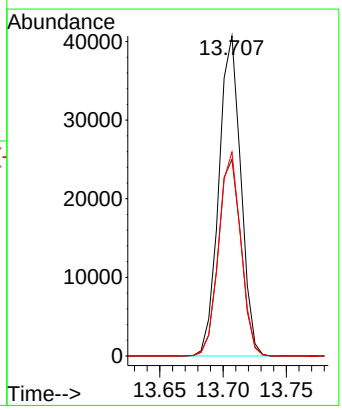
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

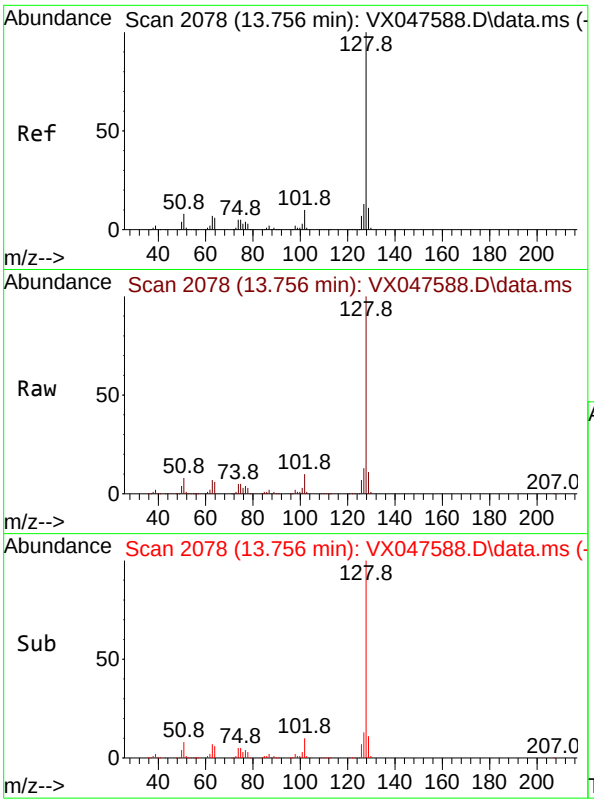


#94
Hexachlorobutadiene
Concen: 52.510 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:225 Resp: 49061

Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.7	95.1
227	64.0	32.0	96.0

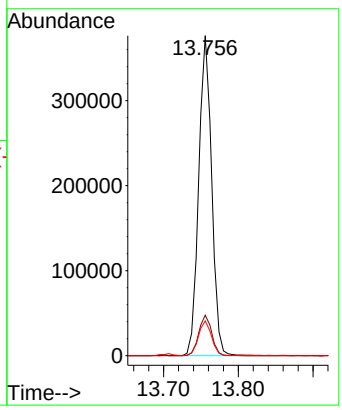




#95
Naphthalene
Concen: 53.966 ug/l
RT: 13.756 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:128 Resp: 45201

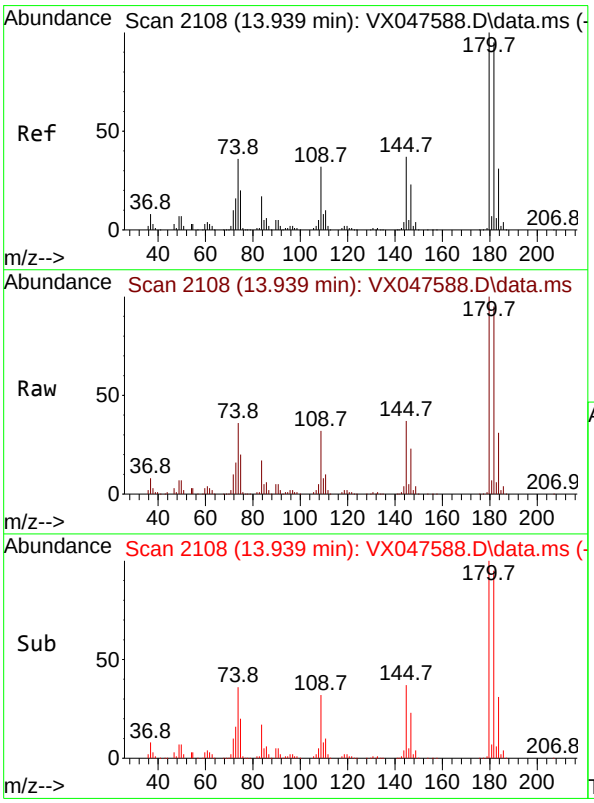
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.0	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

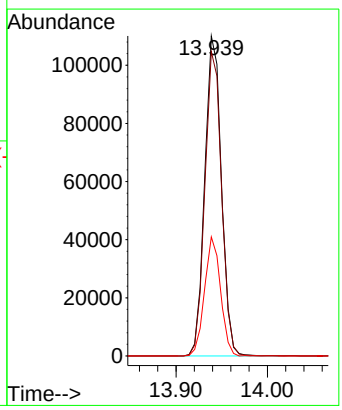
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 54.316 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:180 Resp: 138978

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.6	142.8
145	35.8	17.9	53.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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

Quant Time: Sep 17 06:15:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.532	168	169280	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	298913	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	258399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	122218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	275758	102.341	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 204.680%#			
35) Dibromofluoromethane	5.361	113	212419	105.962	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 211.920%#			
50) Toluene-d8	8.629	98	724078	104.386	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 208.780%#			
62) 4-Bromofluorobenzene	11.061	95	270289	102.672	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 205.340%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	172727	98.537	ug/l	100
3) Chloromethane	1.301	50	229165	99.472	ug/l	100
4) Vinyl Chloride	1.380	62	229175	101.621	ug/l	100
5) Bromomethane	1.611	94	143113	100.076	ug/l	99
6) Chloroethane	1.691	64	152487	101.167	ug/l	99
7) Trichlorofluoromethane	1.892	101	344488	102.878	ug/l	100
8) Diethyl Ether	2.130	74	142038	103.695	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	199843	102.067	ug/l	99
10) Methyl Iodide	2.453	142	313092	102.531	ug/l	99
11) Tert butyl alcohol	2.947	59	152108	506.863	ug/l	98
12) 1,1-Dichloroethene	2.319	96	206097	102.473	ug/l	93
13) Acrolein	2.233	56	150793	545.276	ug/l	97
14) Allyl chloride	2.660	41	415140	100.028	ug/l	99
15) Acrylonitrile	3.056	53	581240	522.897	ug/l	100
16) Acetone	2.374	43	510542	435.772	ug/l	100
17) Carbon Disulfide	2.514	76	537888	97.693	ug/l	98
18) Methyl Acetate	2.697	43	292867	112.324	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	748952	102.011	ug/l	100
20) Methylene Chloride	2.782	84	242548	97.805	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	217759	100.566	ug/l	98
22) Diisopropyl ether	3.745	45	811840	100.934	ug/l	88
23) Vinyl Acetate	3.709	43	3314707	514.916	ug/l	99
24) 1,1-Dichloroethane	3.599	63	435815	101.944	ug/l	98
25) 2-Butanone	4.532	43	700827	479.558	ug/l	97
26) 2,2-Dichloropropane	4.465	77	357292	100.542	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	266550	100.516	ug/l	100
28) Bromochloromethane	4.873	49	198788	106.512	ug/l	99
29) Tetrahydrofuran	4.977	42	443530	504.502	ug/l	99
30) Chloroform	5.074	83	433937	100.447	ug/l	100
31) Cyclohexane	5.452	56	332995	93.523	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	372323	101.607	ug/l	99
36) 1,1-Dichloropropene	5.672	75	281650	96.149	ug/l	98
37) Ethyl Acetate	4.690	43	318793	101.641	ug/l	99
38) Carbon Tetrachloride	5.660	117	314745	98.891	ug/l	98
39) Methylcyclohexane	7.360	83	327858	98.600	ug/l	98
40) Benzene	6.019	78	880885	99.009	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 17 06:15:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	168753	104.220	ug/l	99
42) 1,2-Dichloroethane	6.062	62	331465	97.916	ug/l	100
43) Isopropyl Acetate	6.318	43	516875	100.482	ug/l	99
44) Trichloroethene	7.104	130	217753	101.234	ug/l	96
45) 1,2-Dichloropropane	7.409	63	228150	100.145	ug/l	100
46) Dibromomethane	7.562	93	164987	99.519	ug/l	99
47) Bromodichloromethane	7.806	83	345991	101.136	ug/l	98
48) Methyl methacrylate	7.671	41	260358	101.612	ug/l	100
49) 1,4-Dioxane	7.641	88	56717	2190.315	ug/l	99
51) 4-Methyl-2-Pentanone	8.555	43	1431253	501.834	ug/l	100
52) Toluene	8.702	92	536148	97.811	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	355881	101.986	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	380577	102.038	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	205939	97.434	ug/l	97
56) Ethyl methacrylate	9.098	69	346659	104.435	ug/l	99
57) 1,3-Dichloropropane	9.293	76	362848	99.935	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	836362	499.814	ug/l	100
59) 2-Hexanone	9.415	43	996274	486.380	ug/l	100
60) Dibromochloromethane	9.506	129	251394	103.226	ug/l	99
61) 1,2-Dibromoethane	9.592	107	217751	101.147	ug/l	100
64) Tetrachloroethene	9.256	164	165559	98.284	ug/l	98
65) Chlorobenzene	10.061	112	588517	100.253	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	208621	102.988	ug/l	100
67) Ethyl Benzene	10.177	91	1031346	101.823	ug/l	100
68) m/p-Xylenes	10.287	106	763898	202.624	ug/l	99
69) o-Xylene	10.622	106	372621	102.186	ug/l	99
70) Styrene	10.634	104	649863	101.710	ug/l	100
71) Bromoform	10.781	173	161188	106.566	ug/l	98
73) Isopropylbenzene	10.945	105	954900	102.768	ug/l	100
74) N-amyl acetate	10.823	43	448344	105.812	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	281608	100.172	ug/l	98
76) 1,2,3-Trichloropropane	11.220	75	229521m	90.444	ug/l	
77) Bromobenzene	11.183	156	234666	102.541	ug/l	98
78) n-propylbenzene	11.287	91	1119728	101.941	ug/l	99
79) 2-Chlorotoluene	11.348	91	683867	101.652	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	787327	103.134	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	102555	105.689	ug/l	98
82) 4-Chlorotoluene	11.433	91	802929	101.054	ug/l	100
83) tert-Butylbenzene	11.695	119	791896	101.333	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	790557	102.144	ug/l	99
85) sec-Butylbenzene	11.872	105	945321	101.840	ug/l	100
86) p-Isopropyltoluene	11.994	119	797643	101.501	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	432248	101.689	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	431839	98.985	ug/l	100
89) n-Butylbenzene	12.311	91	757239	104.138	ug/l	99
90) Hexachloroethane	12.518	117	148048	107.304	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	414491	102.352	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	61029	107.225	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	278777	105.922	ug/l	100
94) Hexachlorobutadiene	13.707	225	92124	103.049	ug/l	99
95) Naphthalene	13.756	128	854492	106.620	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	263512	107.633	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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

Quant Time: Sep 17 06:15:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

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

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

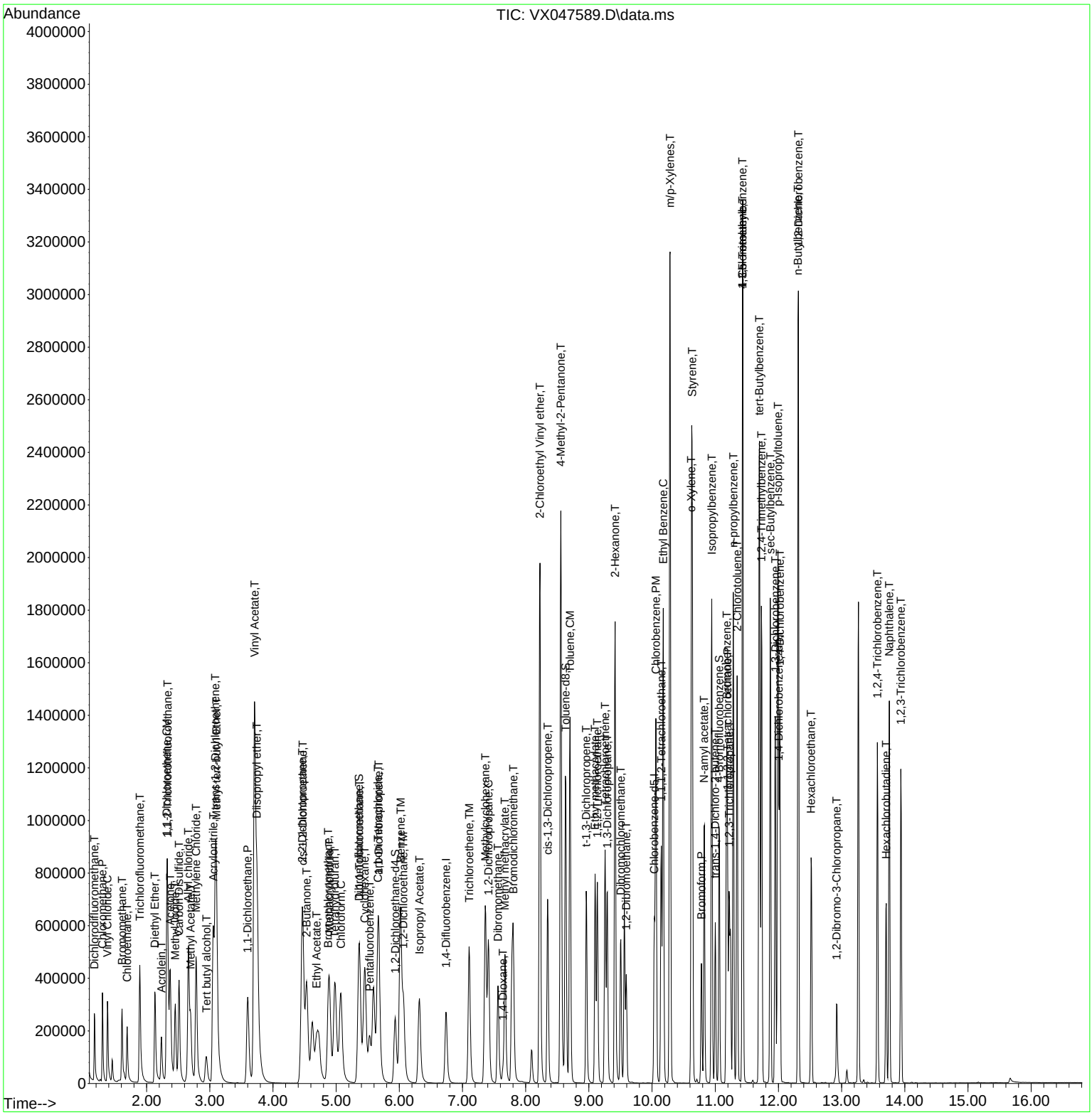
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Data File : VX047589.D
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Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

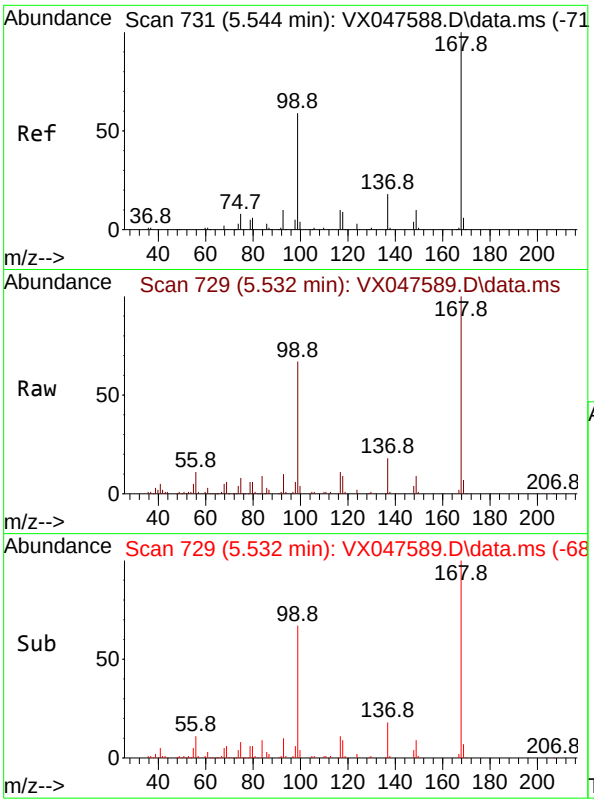
Quant Time: Sep 17 06:15:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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

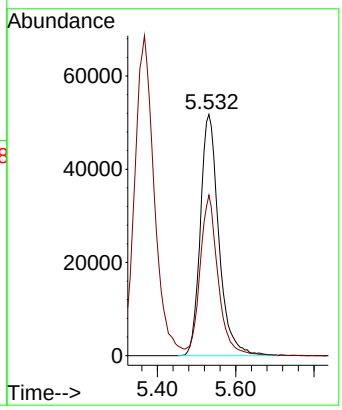




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:168 Resp: 16928

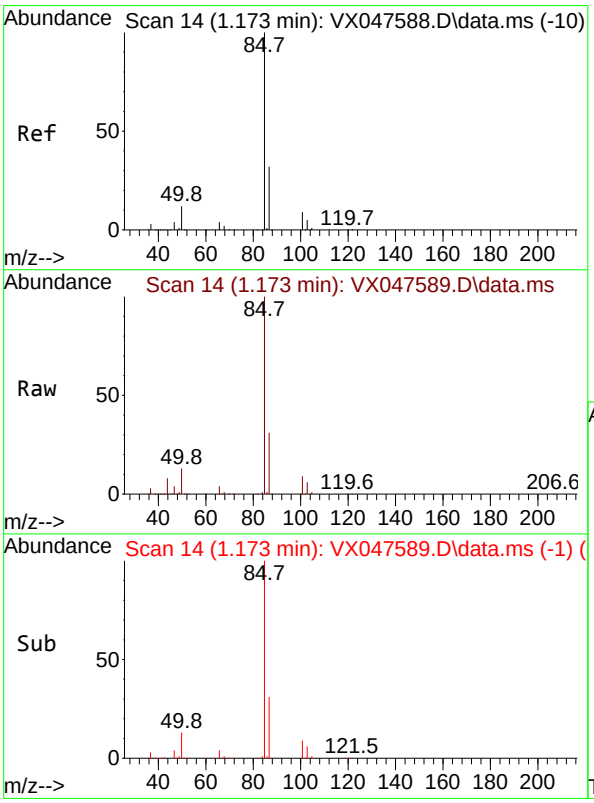
Ion	Ratio	Lower	Upper
168	100		
99	66.4	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

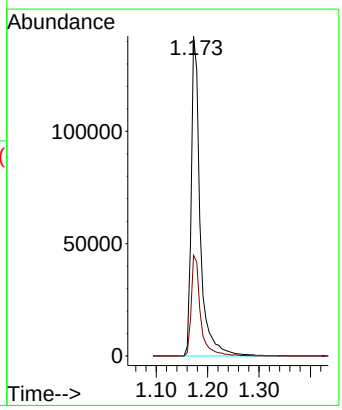
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

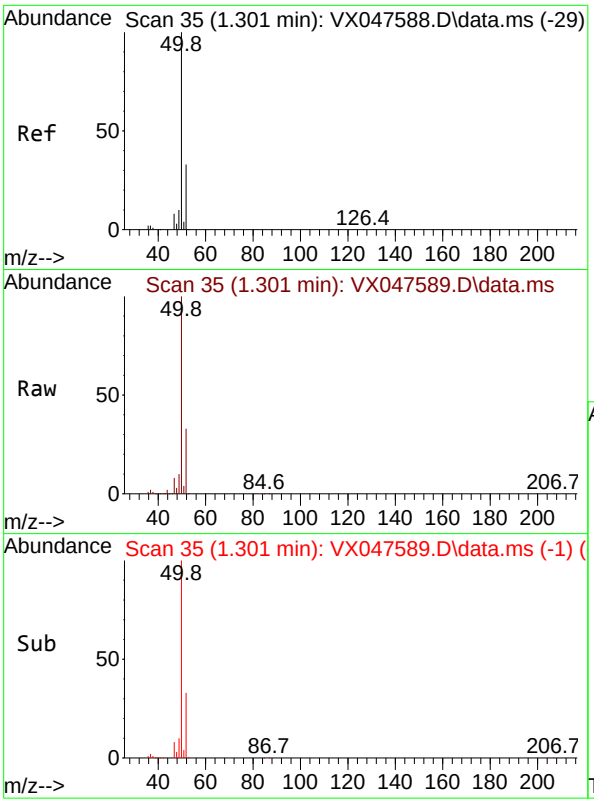


#2
Dichlorodifluoromethane
Concen: 98.537 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 85 Resp: 172727

Ion	Ratio	Lower	Upper
85	100		
87	31.4	15.8	47.3

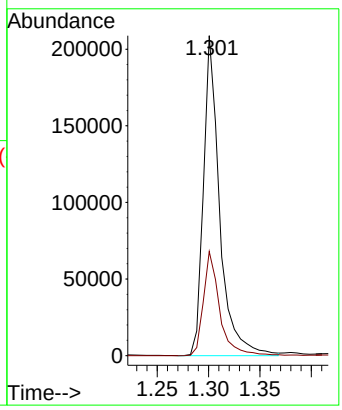




#3
Chloromethane
Concen: 99.472 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 50 Resp: 22916

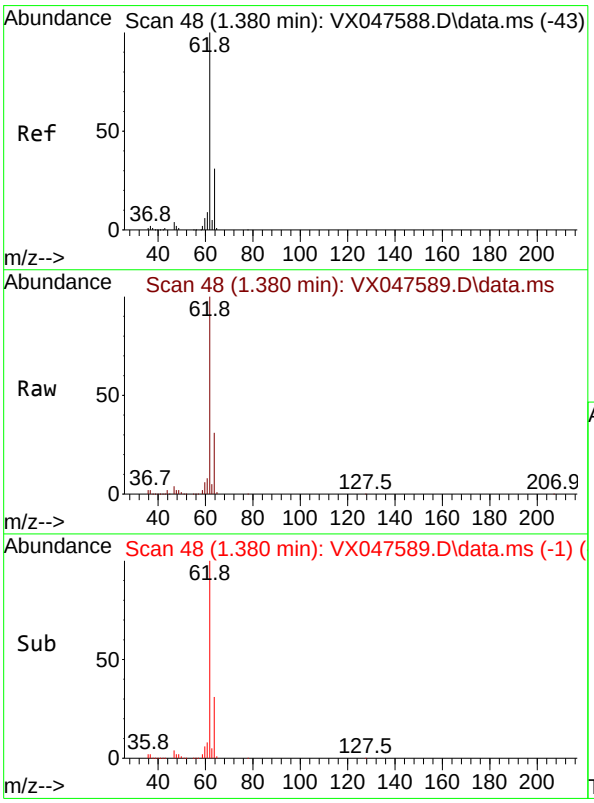
Ion	Ratio	Lower	Upper
50	100		
52	32.5	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

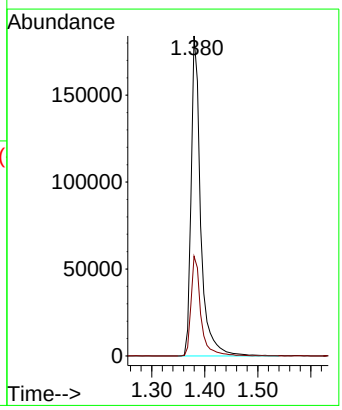
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

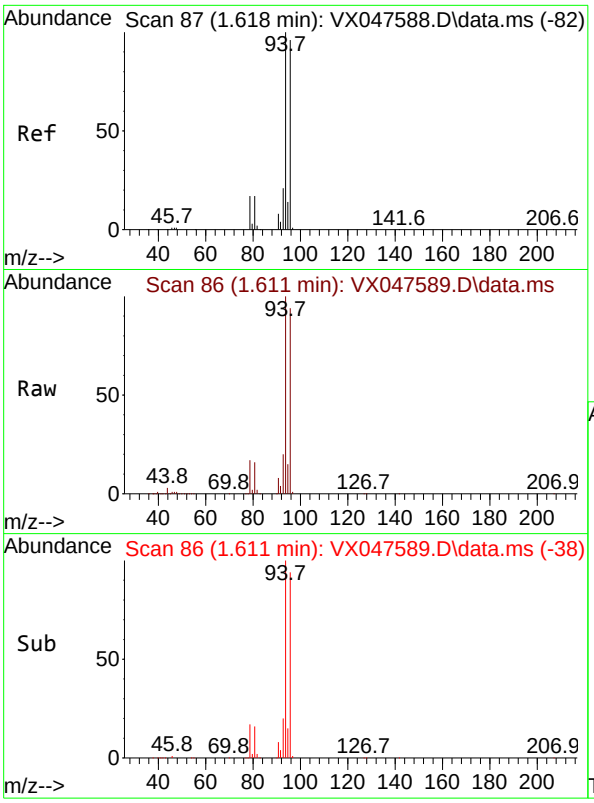


#4
Vinyl Chloride
Concen: 101.621 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 62 Resp: 229175

Ion	Ratio	Lower	Upper
62	100		
64	31.1	24.9	37.3

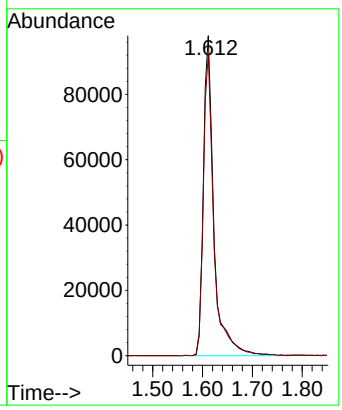




#5
Bromomethane
Concen: 100.076 ug/l
RT: 1.611 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 94 Resp: 14311

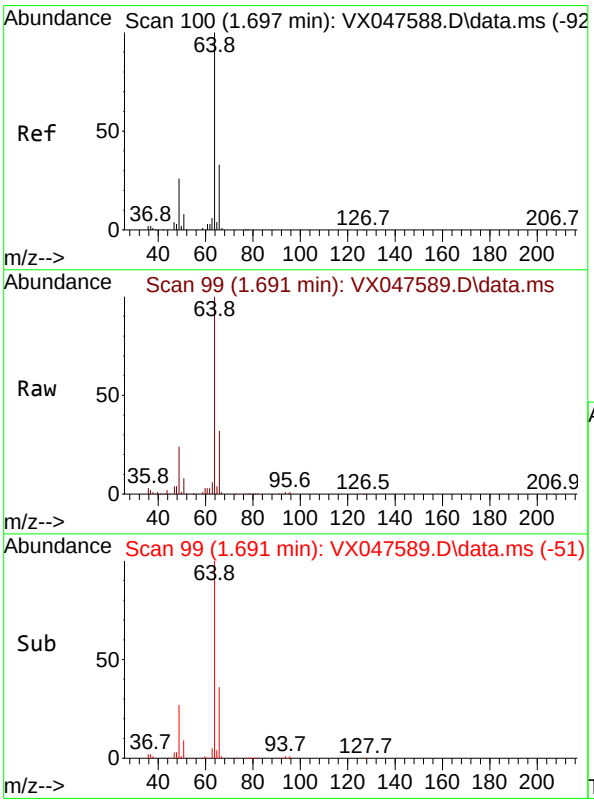
Ion	Ratio	Lower	Upper
94	100		
96	94.4	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

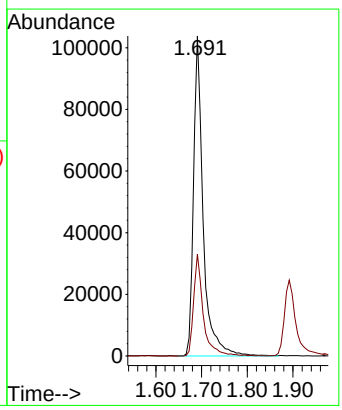
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

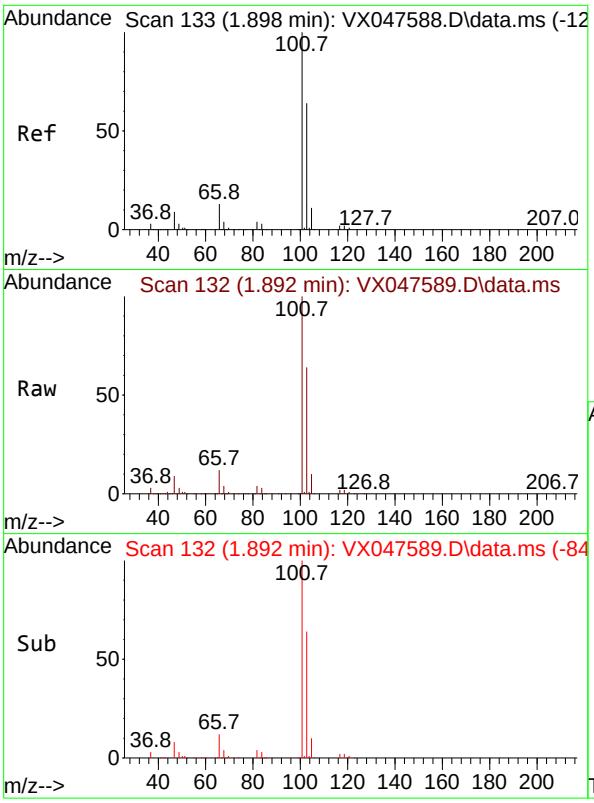


#6
Chloroethane
Concen: 101.167 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 64 Resp: 152487

Ion	Ratio	Lower	Upper
64	100		
66	31.8	26.1	39.1

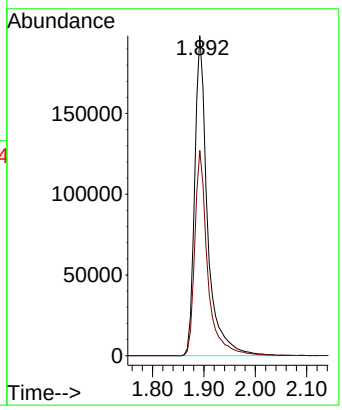




#7
Trichlorofluoromethane
Concen: 102.878 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:101 Resp: 34448

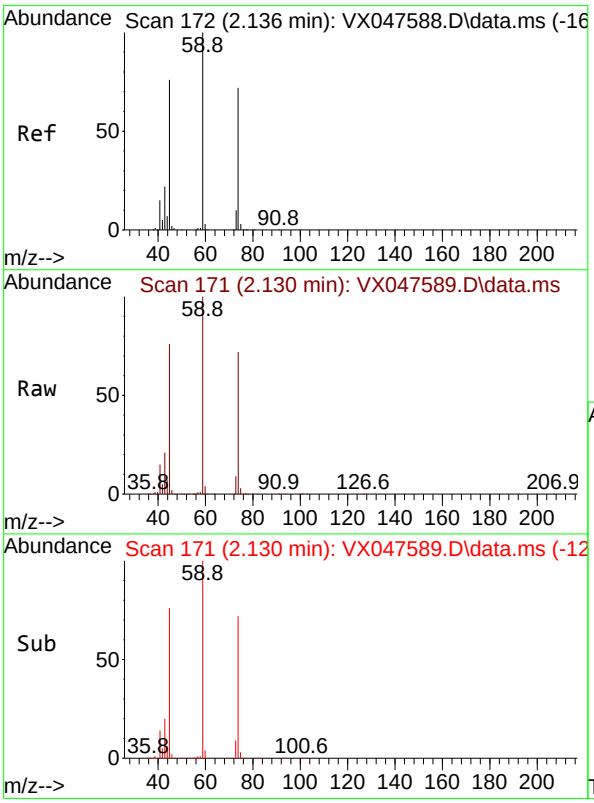
Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

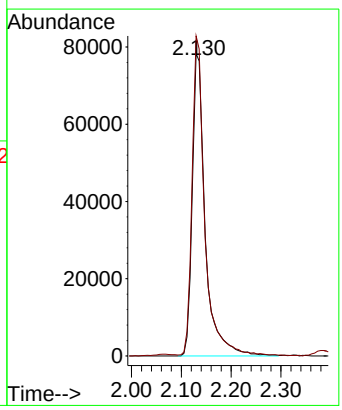
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

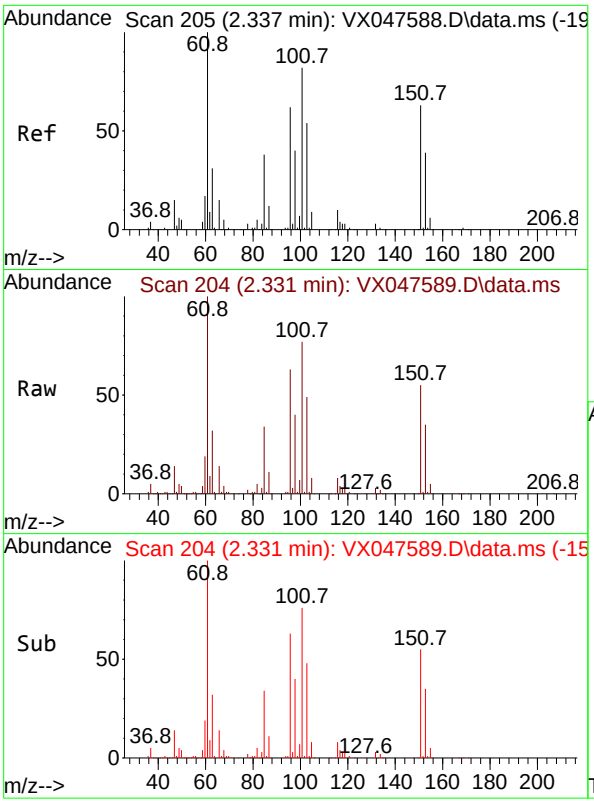


#8
Diethyl Ether
Concen: 103.695 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 74 Resp: 142038

Ion	Ratio	Lower	Upper
74	100		
45	104.6	52.3	156.8

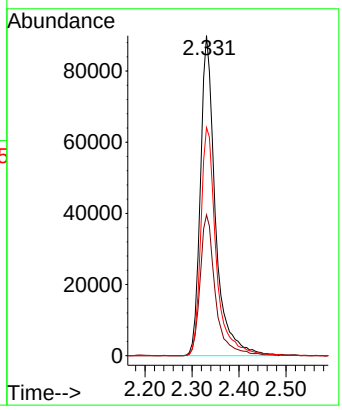




#9
1,1,2-Trichlorotrifluoroethane
Concen: 102.067 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:101 Resp: 19984

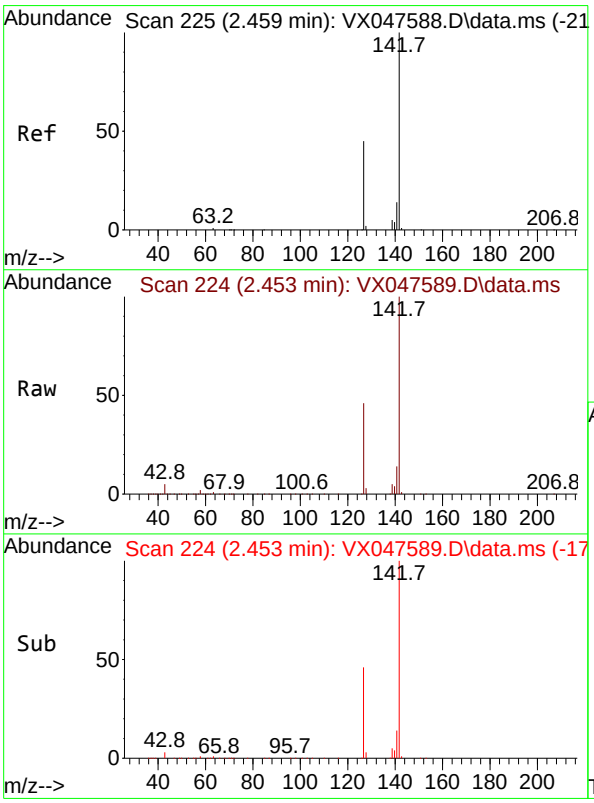
Ion	Ratio	Lower	Upper
101	100		
85	45.1	35.5	53.3
151	73.6	59.4	89.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

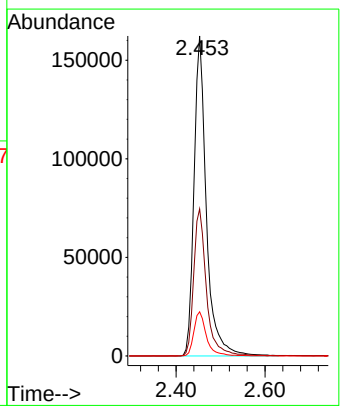
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

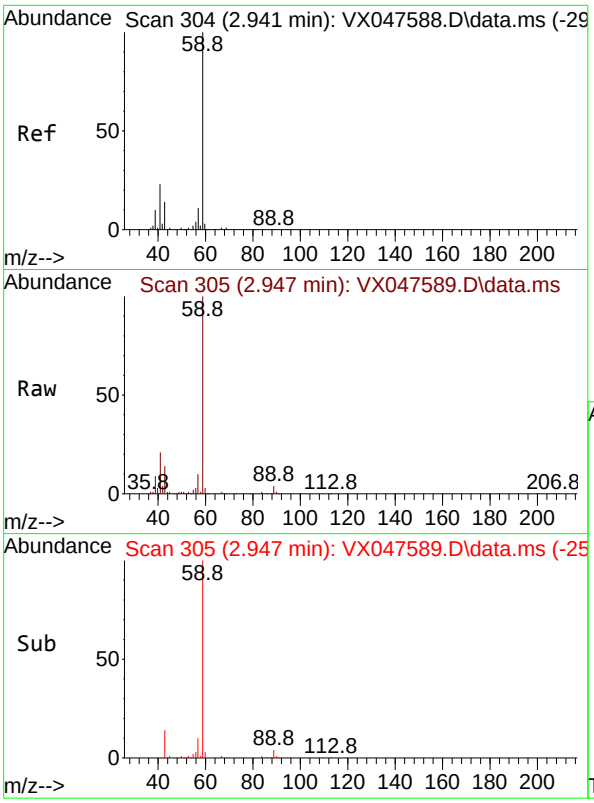


#10
Methyl Iodide
Concen: 102.531 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:142 Resp: 313092

Ion	Ratio	Lower	Upper
142	100		
127	47.3	37.2	55.8
141	14.1	11.4	17.0

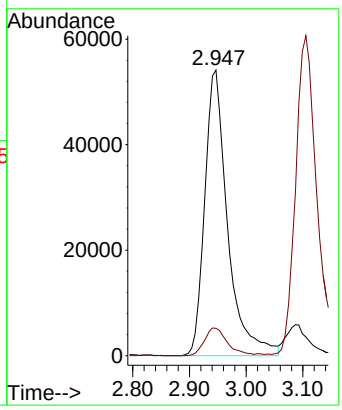




#11
Tert butyl alcohol
Concen: 506.863 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 59 Resp: 15210

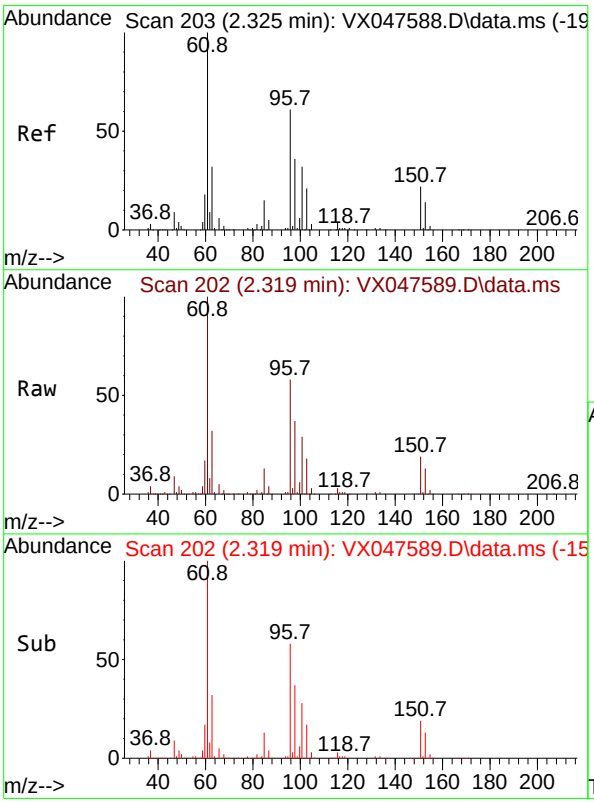
Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

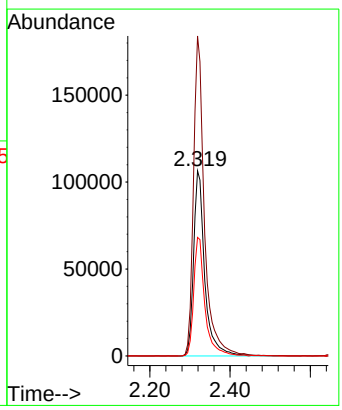
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

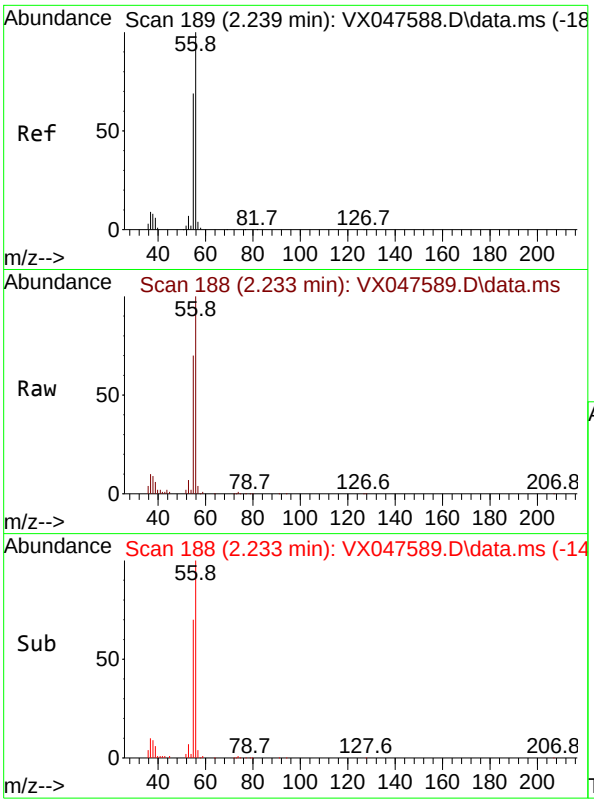


#12
1,1-Dichloroethene
Concen: 102.473 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 96 Resp: 206097

Ion	Ratio	Lower	Upper
96	100		
61	172.9	131.0	196.6
98	64.0	47.7	71.5

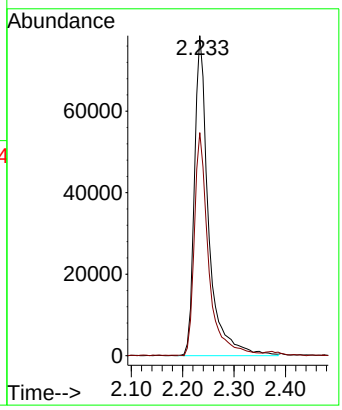




#13
Acrolein
Concen: 545.276 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 56 Resp: 15079

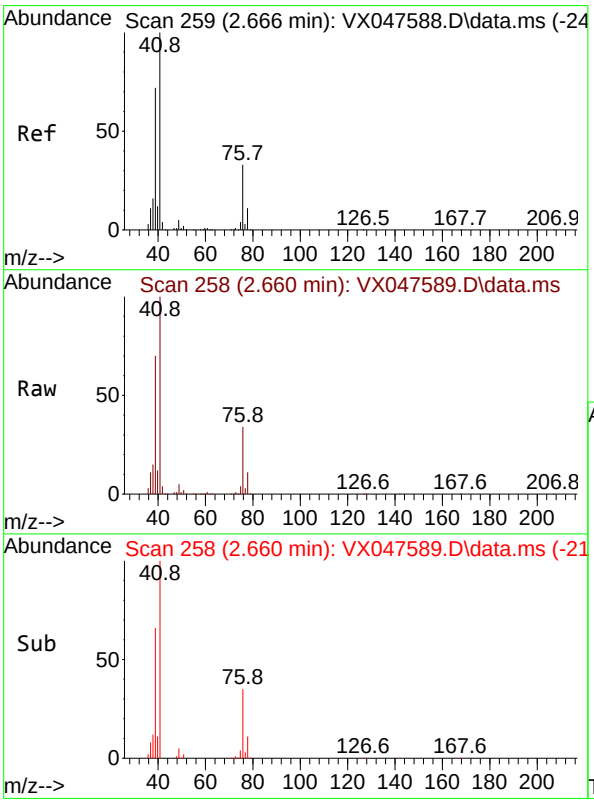
Ion	Ratio	Lower	Upper
56	100		
55	69.4	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

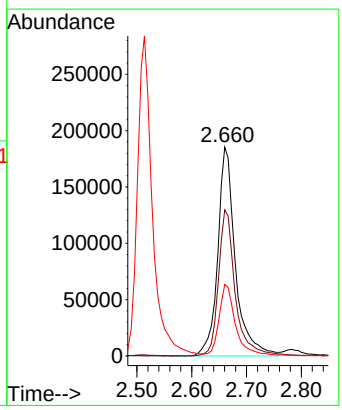
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

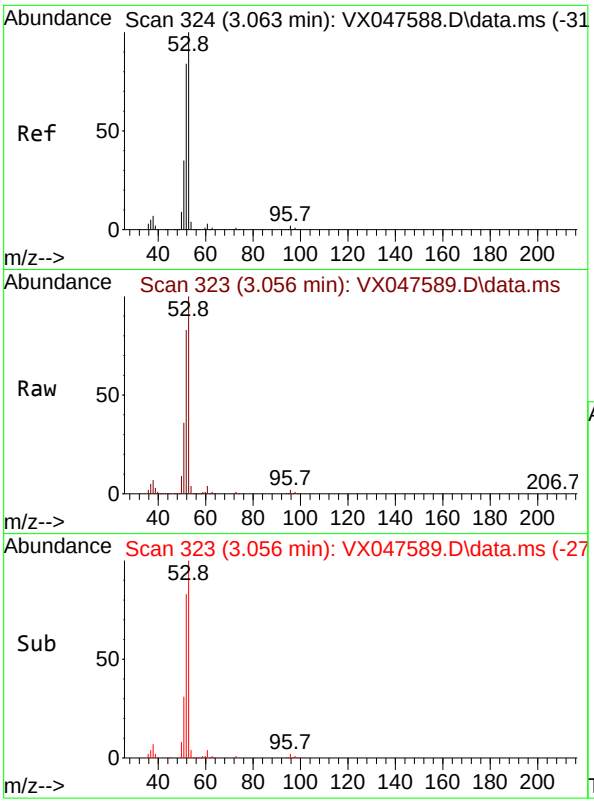


#14
Allyl chloride
Concen: 100.028 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 41 Resp: 415140

Ion	Ratio	Lower	Upper
41	100		
39	67.0	54.7	82.1
76	32.2	25.7	38.5

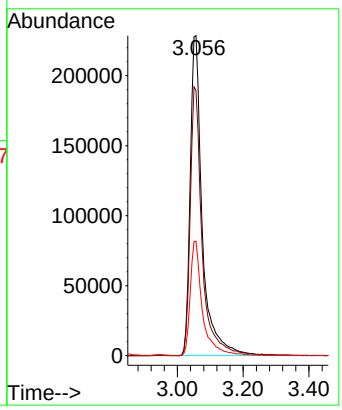




#15
Acrylonitrile
Concen: 522.897 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 53 Resp: 58124

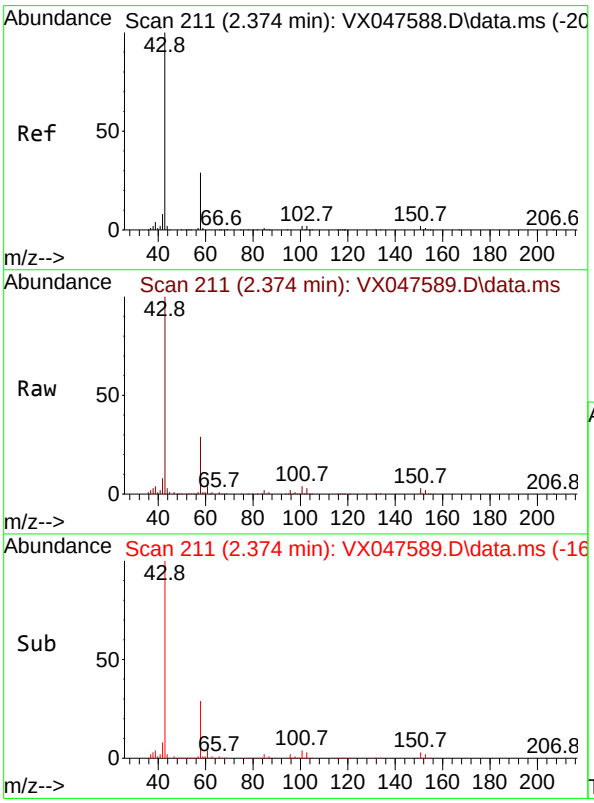
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.4	99.6
51	36.4	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

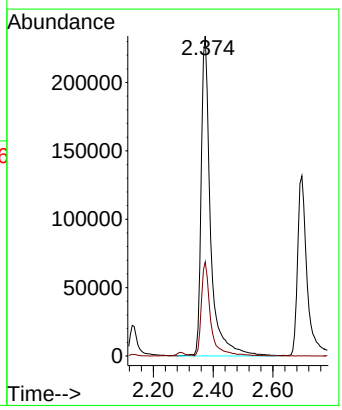
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

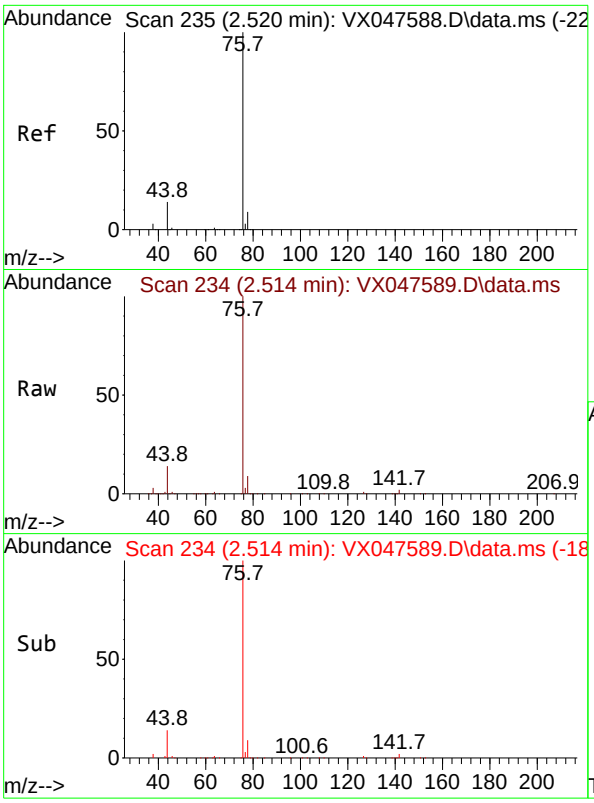


#16
Acetone
Concen: 435.772 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 510542

Ion	Ratio	Lower	Upper
43	100		
58	29.4	23.4	35.0

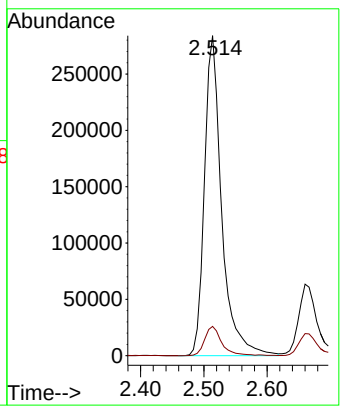




#17
Carbon Disulfide
Concen: 97.693 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 76 Resp: 53788

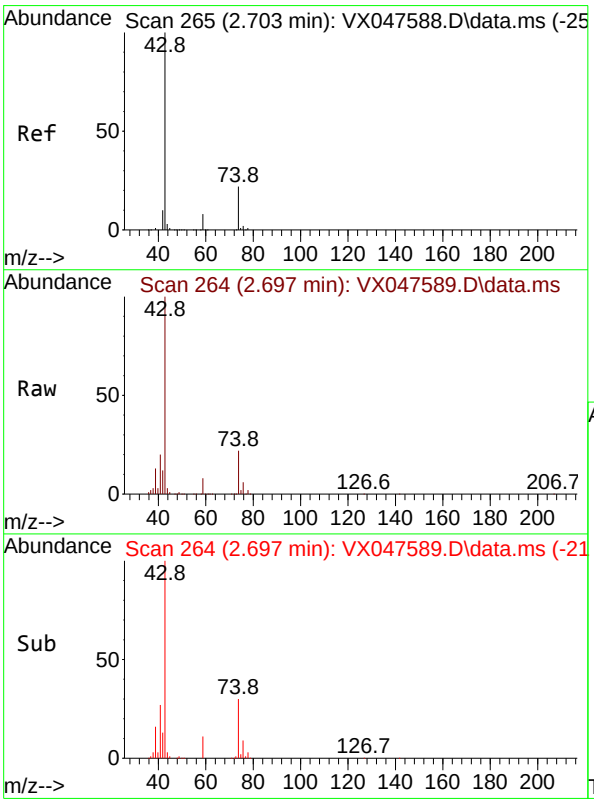
Ion	Ratio	Lower	Upper
76	100		
78	9.2	6.8	10.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

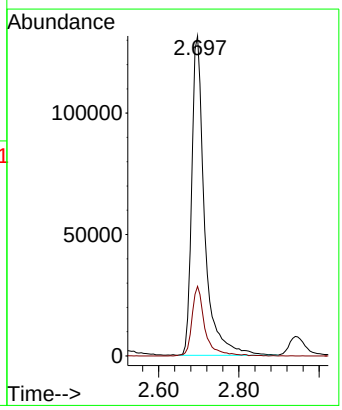
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

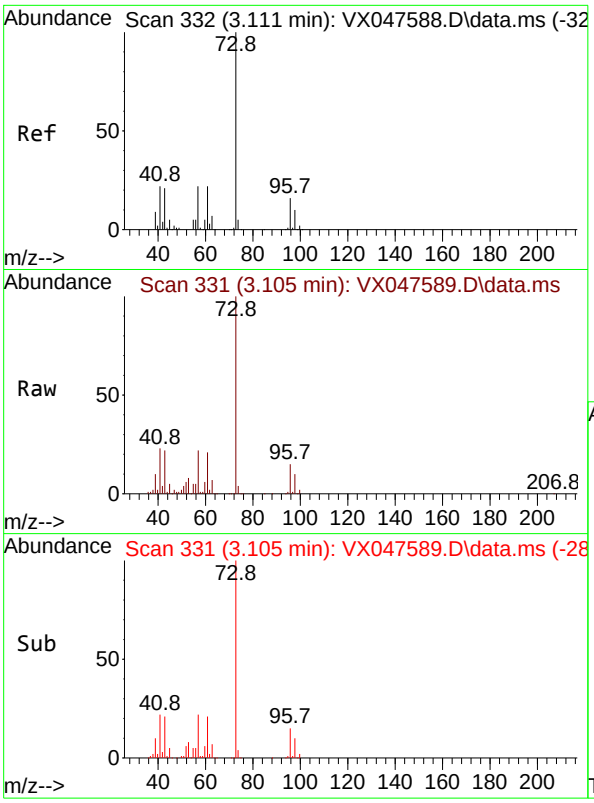


#18
Methyl Acetate
Concen: 112.324 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 292867

Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.4	26.2

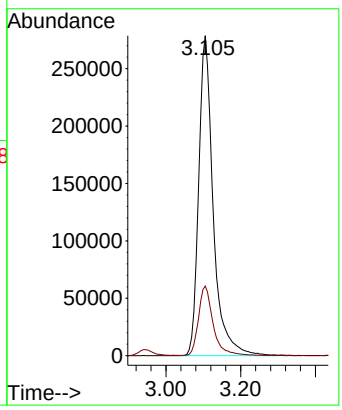




#19
Methyl tert-butyl Ether
Concen: 102.011 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 73 Resp: 74895

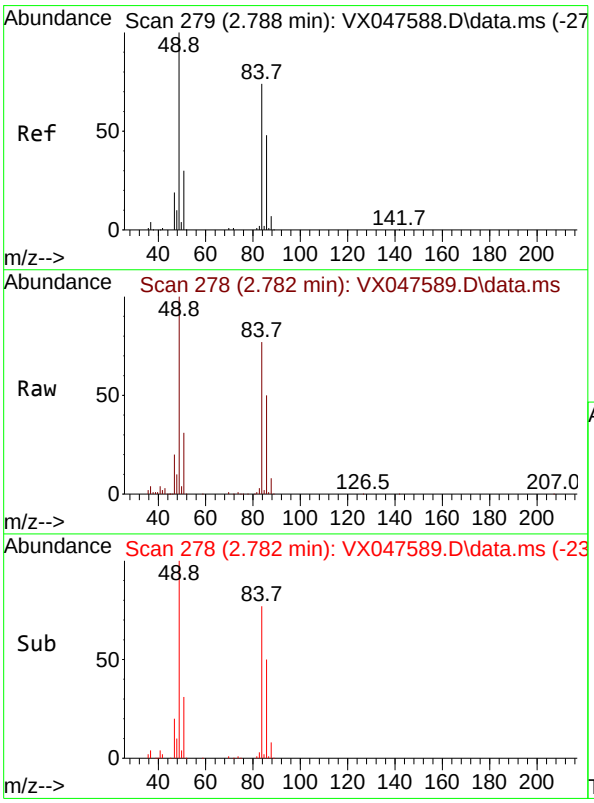
Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

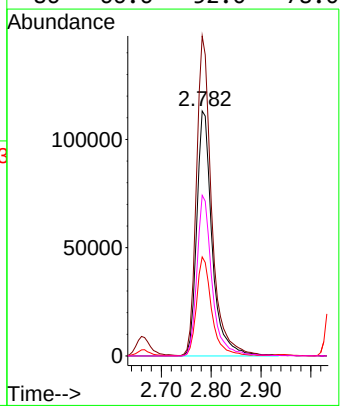
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

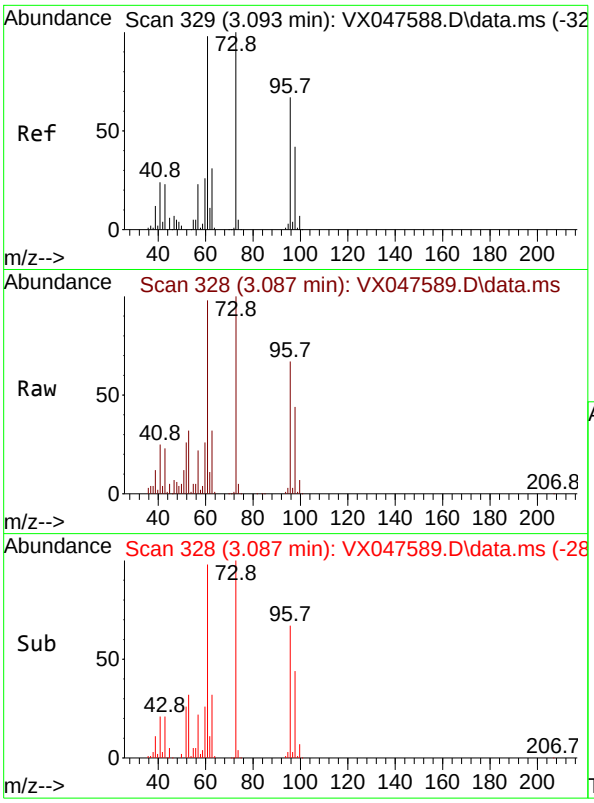


#20
Methylene Chloride
Concen: 97.805 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 84 Resp: 242548

Ion	Ratio	Lower	Upper
84	100		
49	130.4	108.6	162.8
51	40.3	32.6	48.8
86	66.6	52.0	78.0

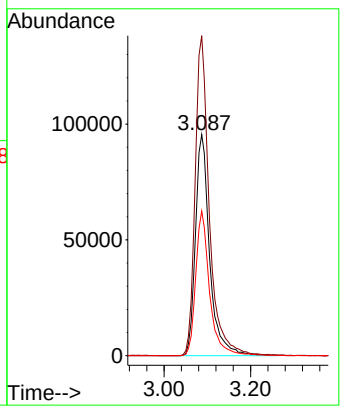




#21
trans-1,2-Dichloroethene
Concen: 100.566 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 96 Resp: 21775

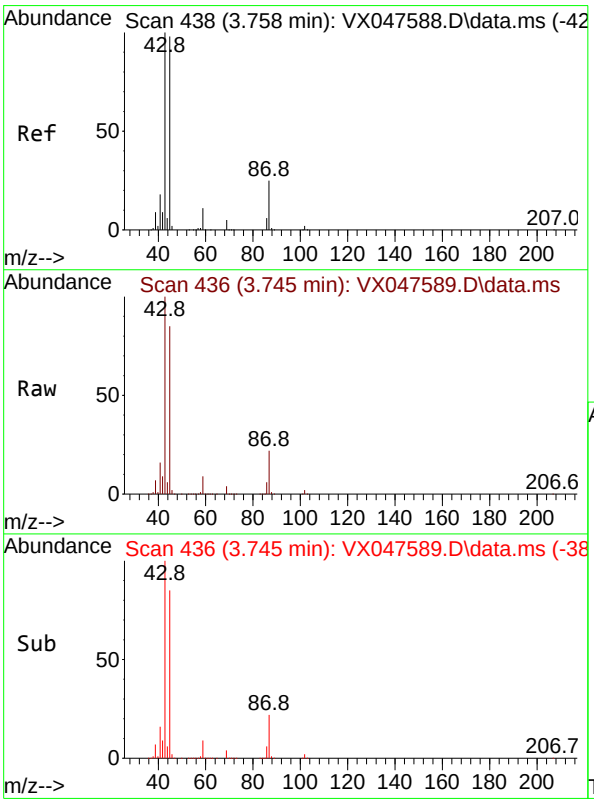
Ion	Ratio	Lower	Upper
96	100		
61	144.7	116.2	174.2
98	65.4	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

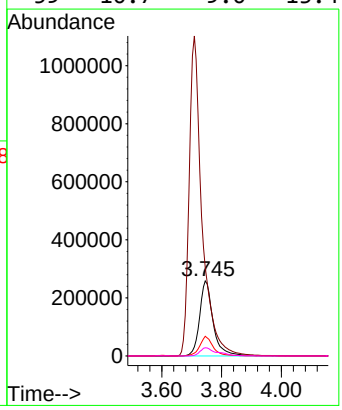
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

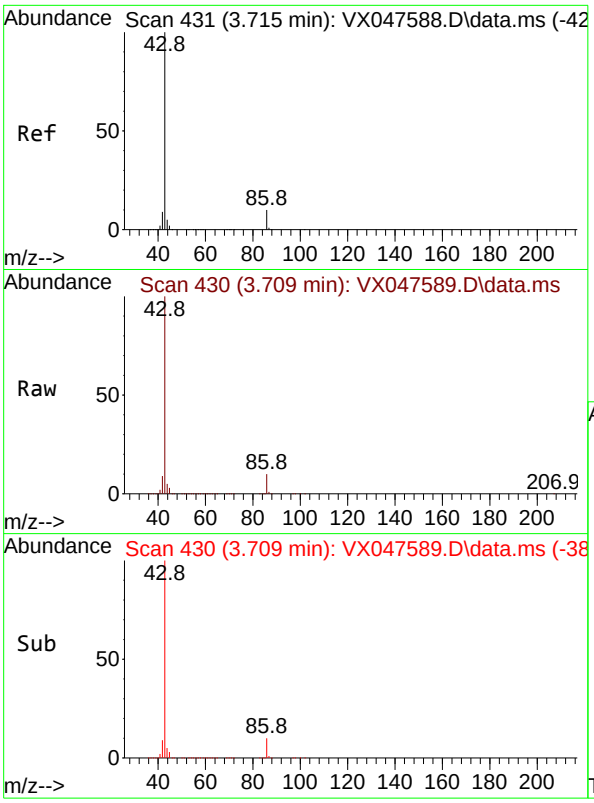


#22
Diisopropyl ether
Concen: 100.934 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 45 Resp: 811840

Ion	Ratio	Lower	Upper
45	100		
43	117.3	81.0	121.4
87	26.1	20.3	30.5
59	10.7	9.0	13.4

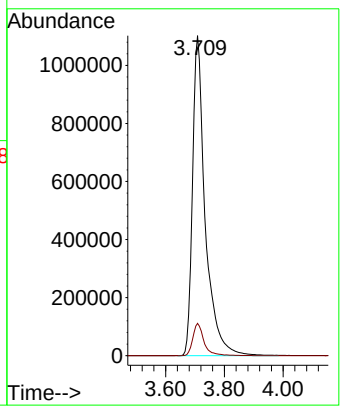




#23
Vinyl Acetate
Concen: 514.916 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 331470

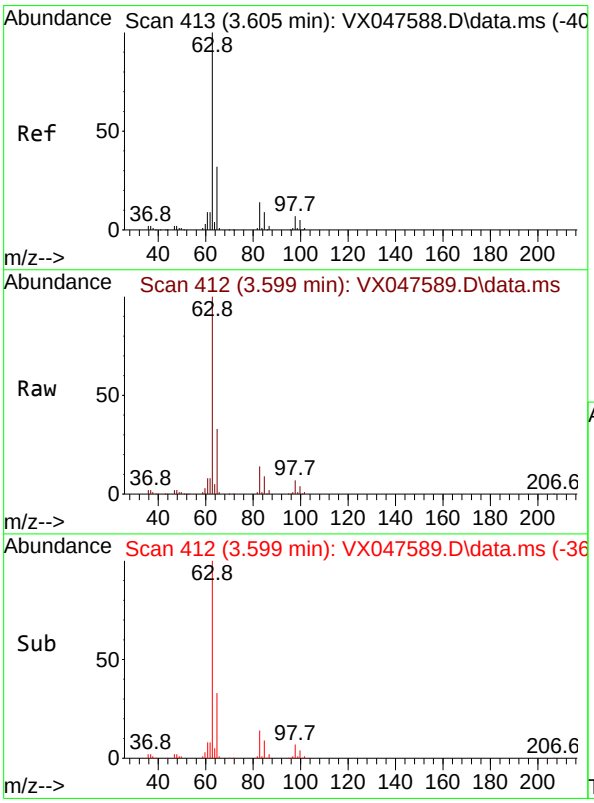
Ion	Ratio	Lower	Upper
43	100		
86	10.1	7.8	11.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

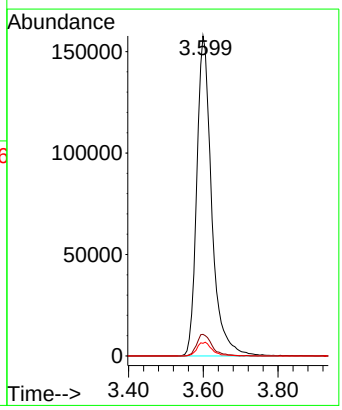
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

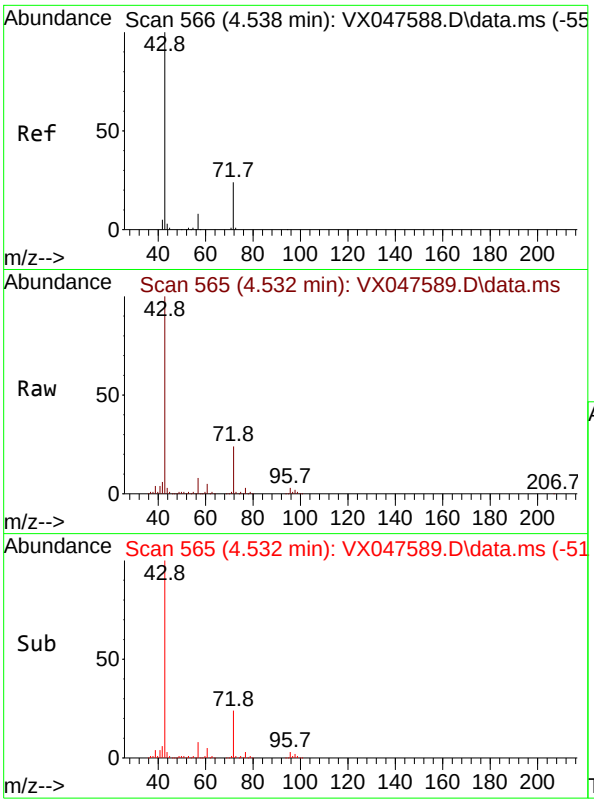


#24
1,1-Dichloroethane
Concen: 101.944 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 63 Resp: 435815

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.8	11.2
100	4.0	2.3	6.9

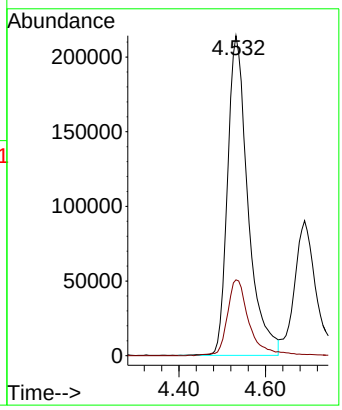




#25
2-Butanone
Concen: 479.558 ug/l
RT: 4.532 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 70082

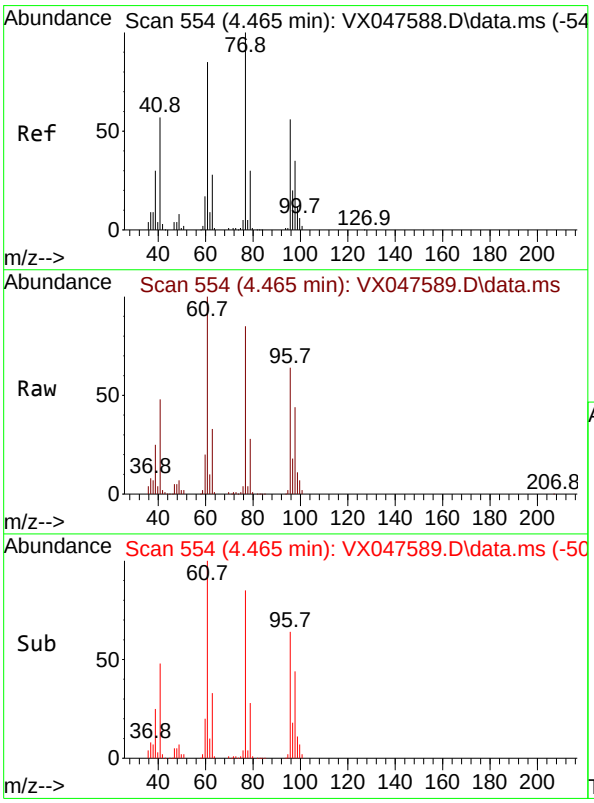
Ion	Ratio	Lower	Upper
43	100		
72	23.8	20.1	30.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

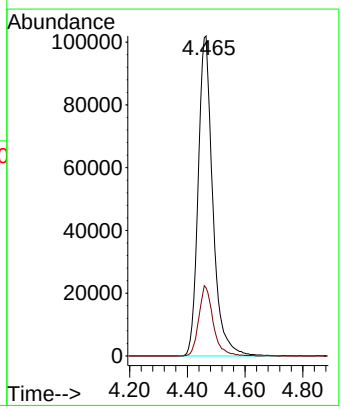
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

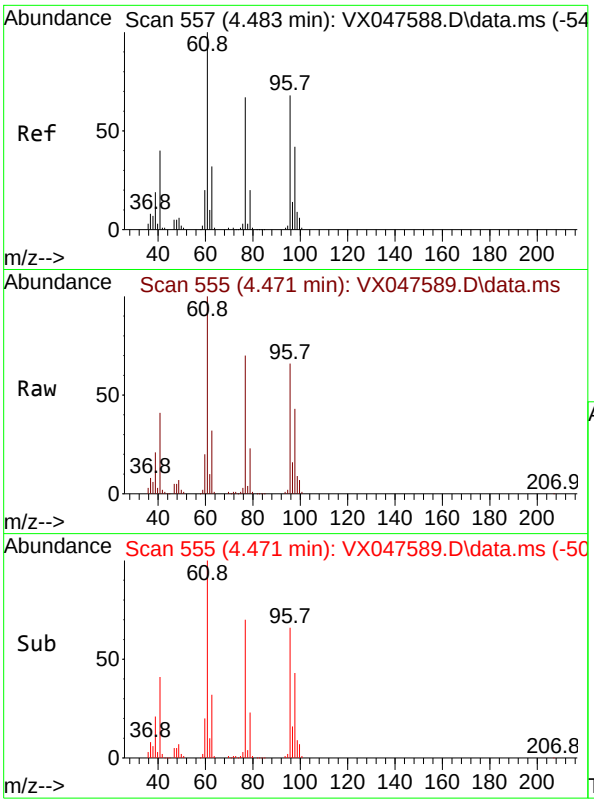


#26
2,2-Dichloropropane
Concen: 100.542 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 77 Resp: 357292

Ion	Ratio	Lower	Upper
77	100		
97	21.6	10.9	32.7

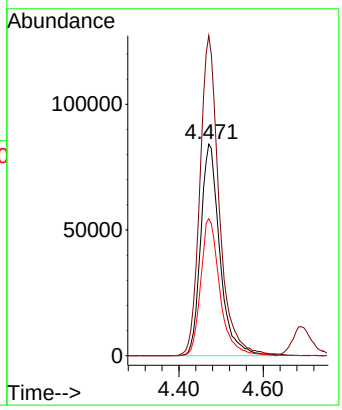




#27
cis-1,2-Dichloroethene
Concen: 100.516 ug/l
RT: 4.471 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 96 Resp: 26655

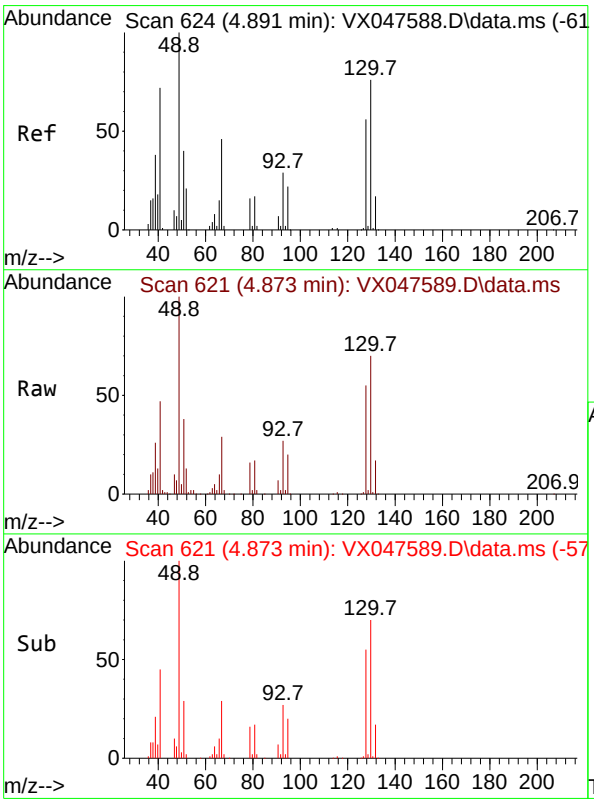
Ion	Ratio	Lower	Upper
96	100		
61	151.5	0.0	303.2
98	64.4	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

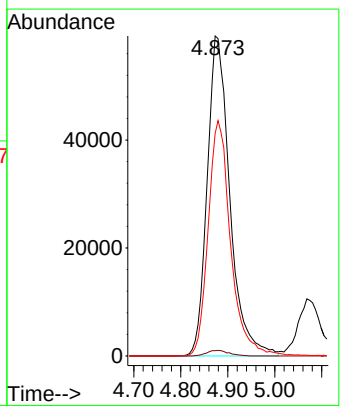
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

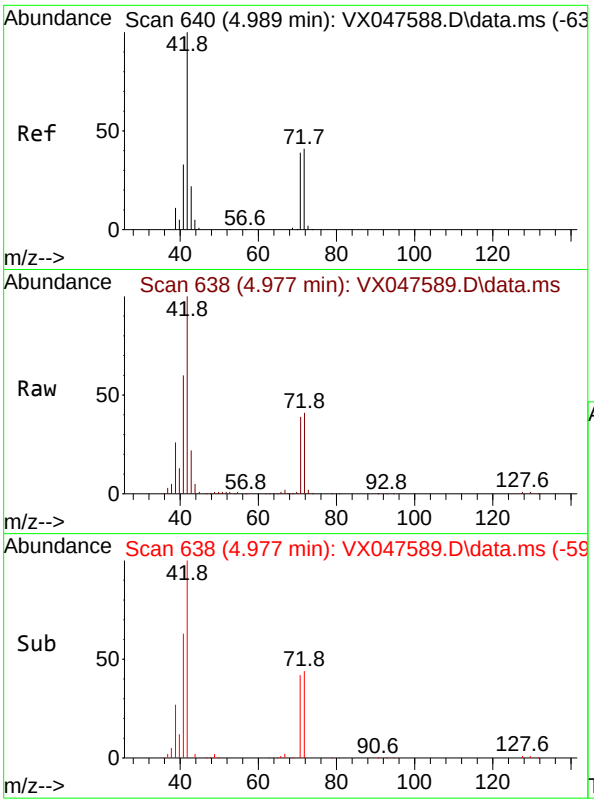


#28
Bromochloromethane
Concen: 106.512 ug/l
RT: 4.873 min Scan# 621
Delta R.T. -0.018 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 49 Resp: 198788

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.2
130	72.8	57.8	86.8





#29
Tetrahydrofuran
Concen: 504.502 ug/l
RT: 4.977 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

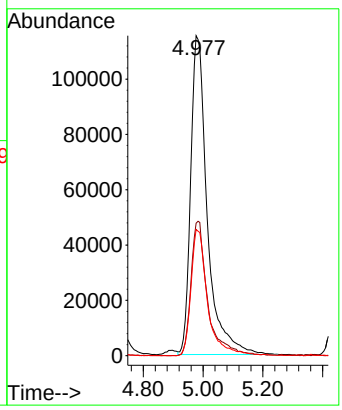
Tgt Ion: 42 Resp: 44353

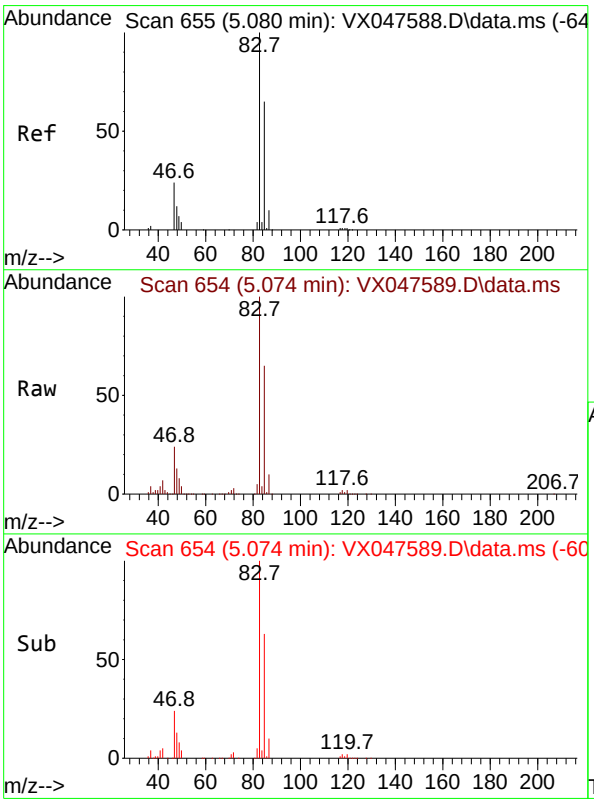
Ion	Ratio	Lower	Upper
42	100		
72	42.4	34.2	51.2
71	39.5	31.9	47.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

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

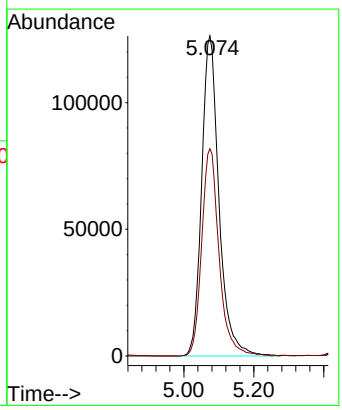


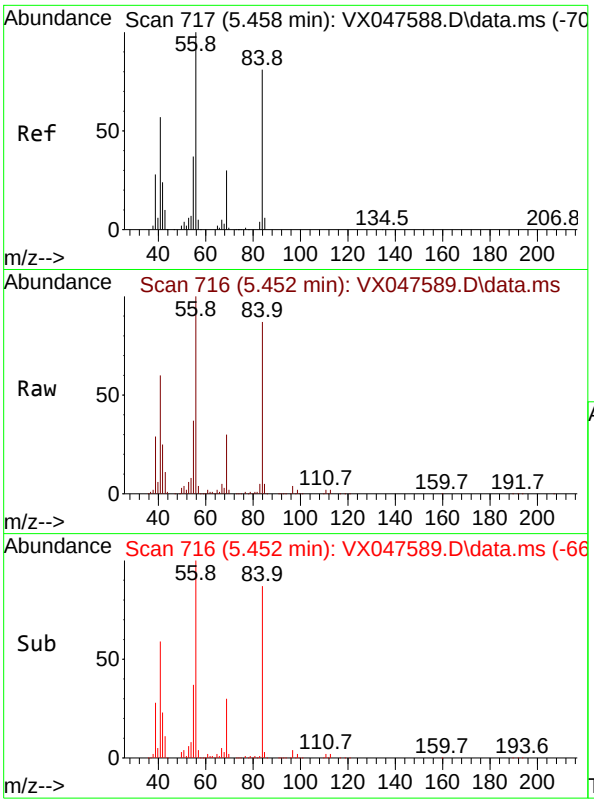


#30
Chloroform
Concen: 100.447 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 83 Resp: 433937

Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.6

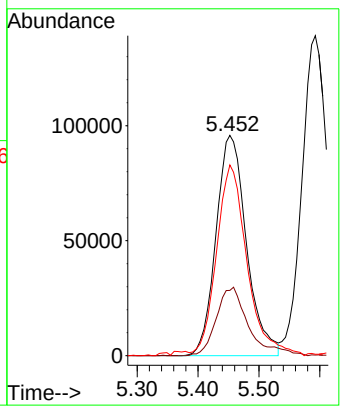




#31
Cyclohexane
Concen: 93.523 ug/l
RT: 5.452 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 56 Resp: 33299

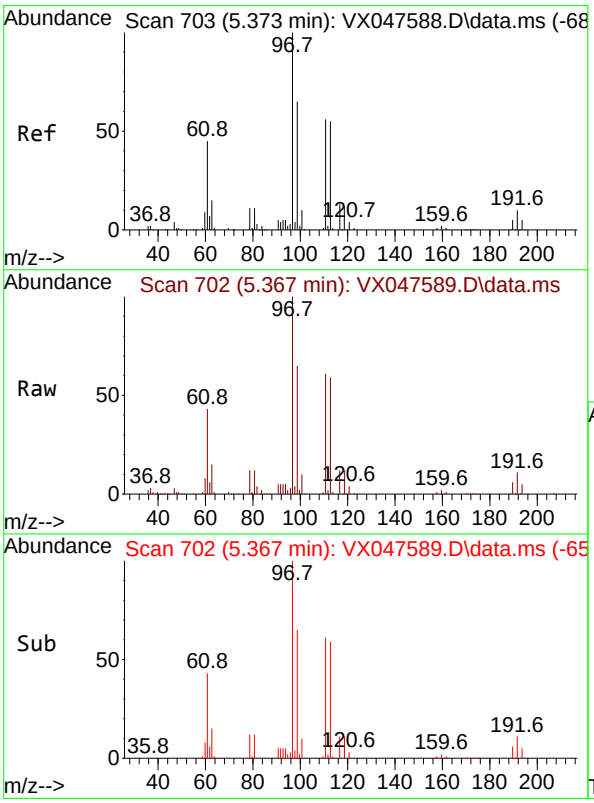
Ion	Ratio	Lower	Upper
56	100		
69	29.0	23.8	35.8
84	84.7	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

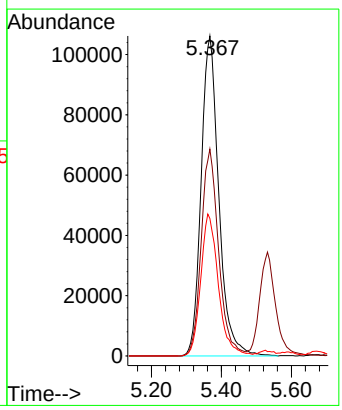
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

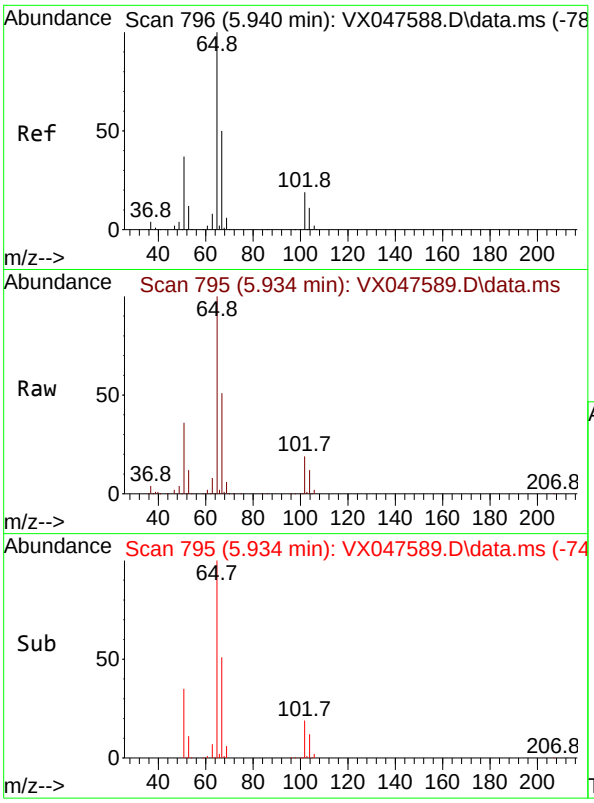


#32
1,1,1-Trichloroethane
Concen: 101.607 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 97 Resp: 372323

Ion	Ratio	Lower	Upper
97	100		
99	63.8	50.6	76.0
61	44.4	35.8	53.8

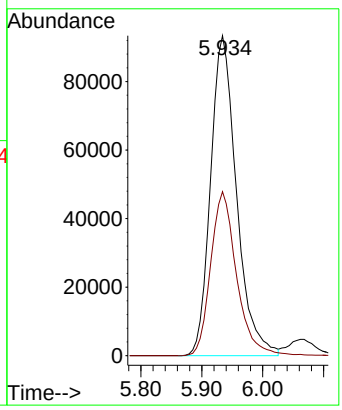




#33
1,2-Dichloroethane-d4
Concen: 102.341 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 65 Resp: 27575

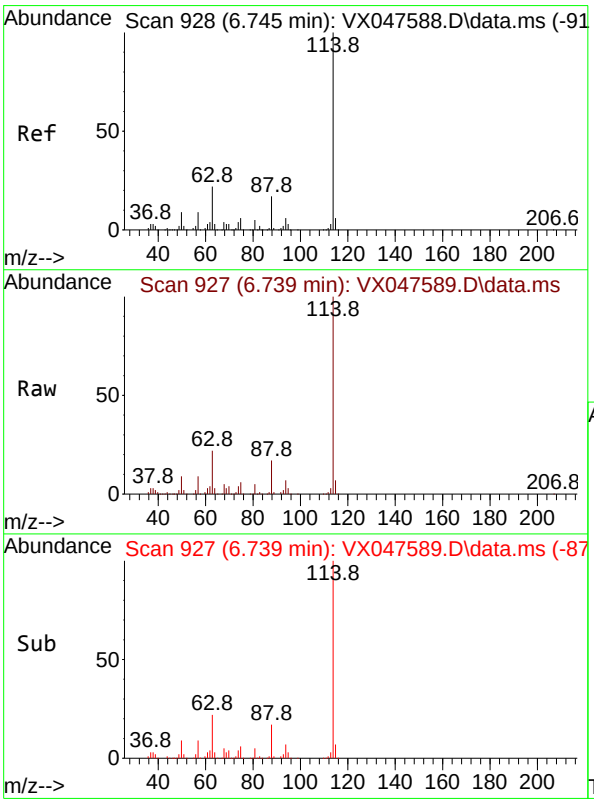
Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

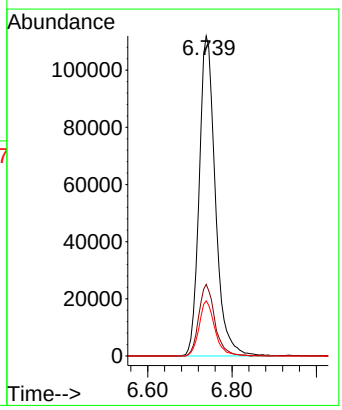
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

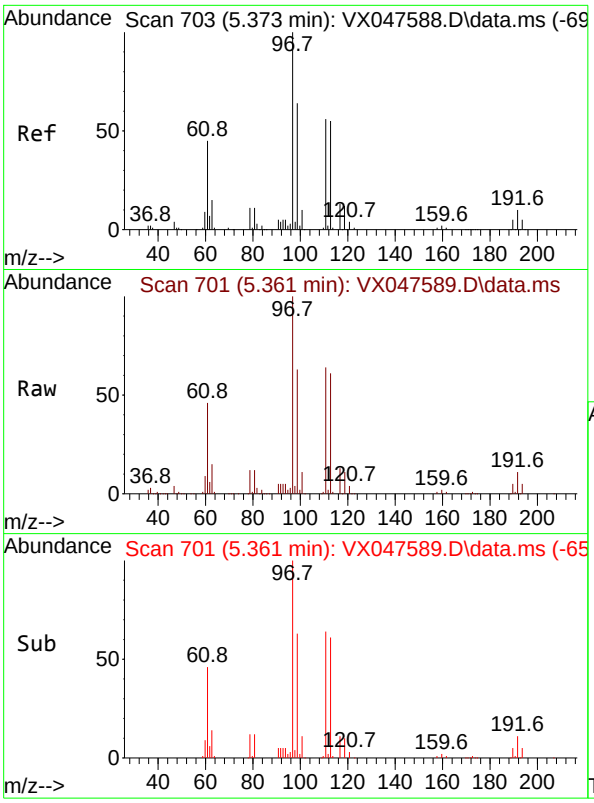


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:114 Resp: 298913

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.0
88	17.2	0.0	34.2

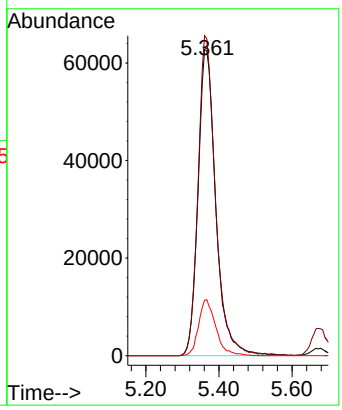




#35
Dibromofluoromethane
Concen: 105.962 ug/l
RT: 5.361 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:113 Resp: 21241

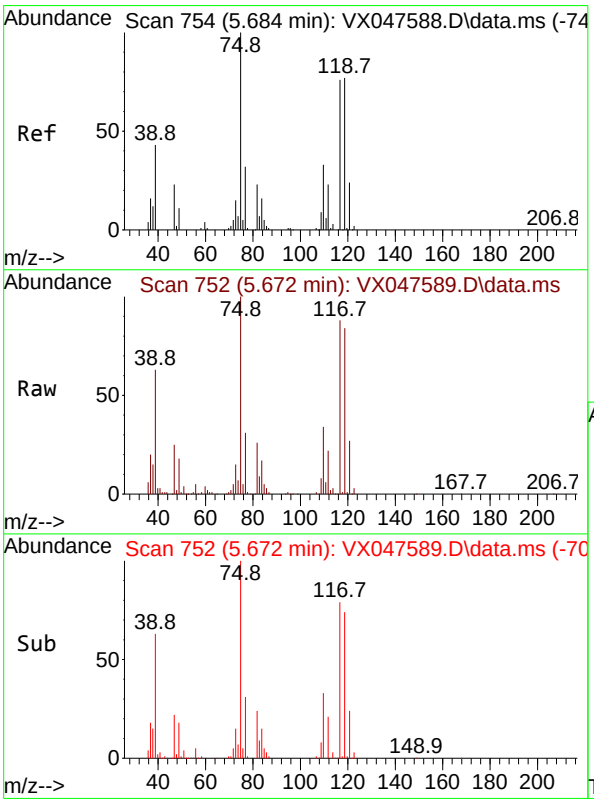
Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.9	121.3
192	17.7	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

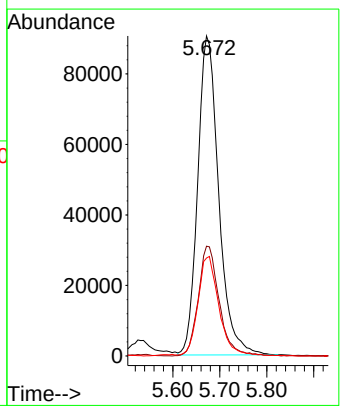
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

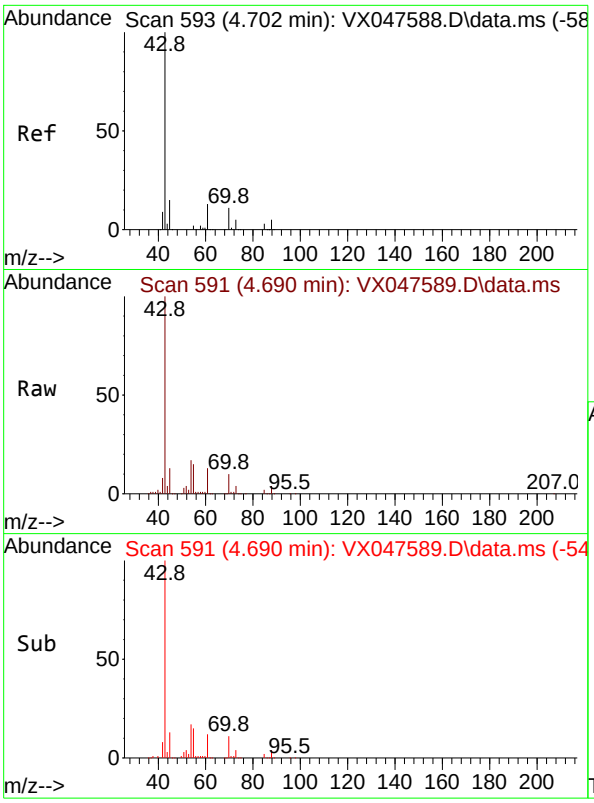


#36
1,1-Dichloropropene
Concen: 96.149 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 75 Resp: 281650

Ion	Ratio	Lower	Upper
75	100		
110	34.3	16.7	50.1
77	31.3	24.3	36.5





#37
Ethyl Acetate
Concen: 101.641 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

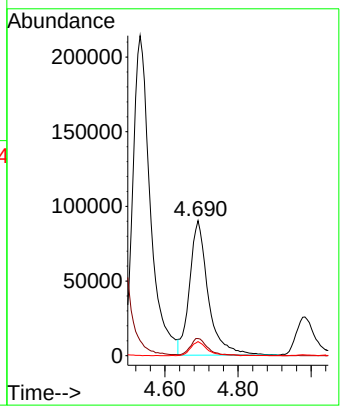
Tgt Ion: 43 Resp: 31879

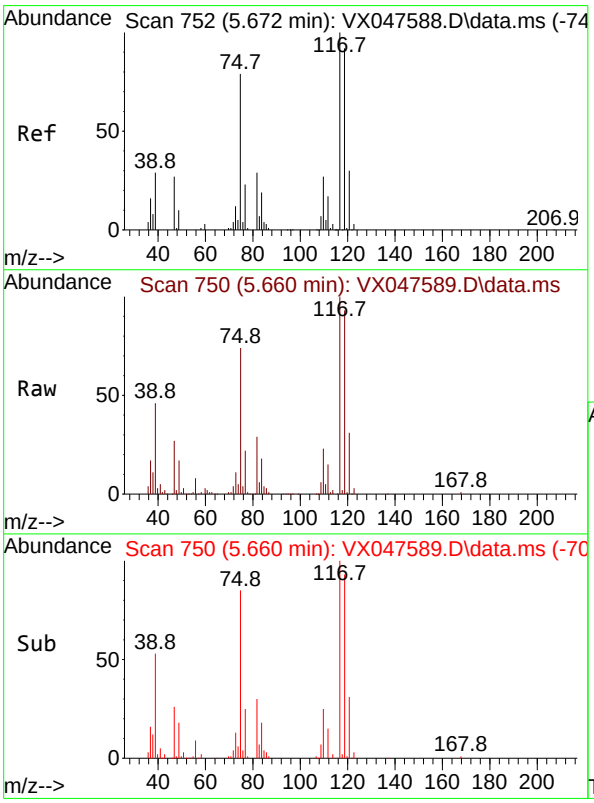
Ion	Ratio	Lower	Upper
43	100		
61	12.0	9.8	14.8
70	9.4	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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

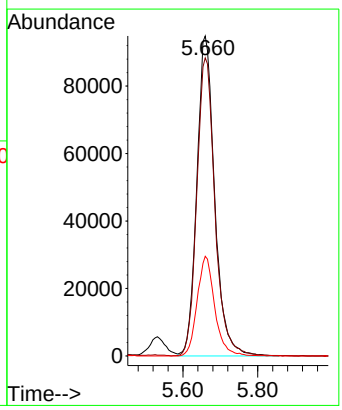


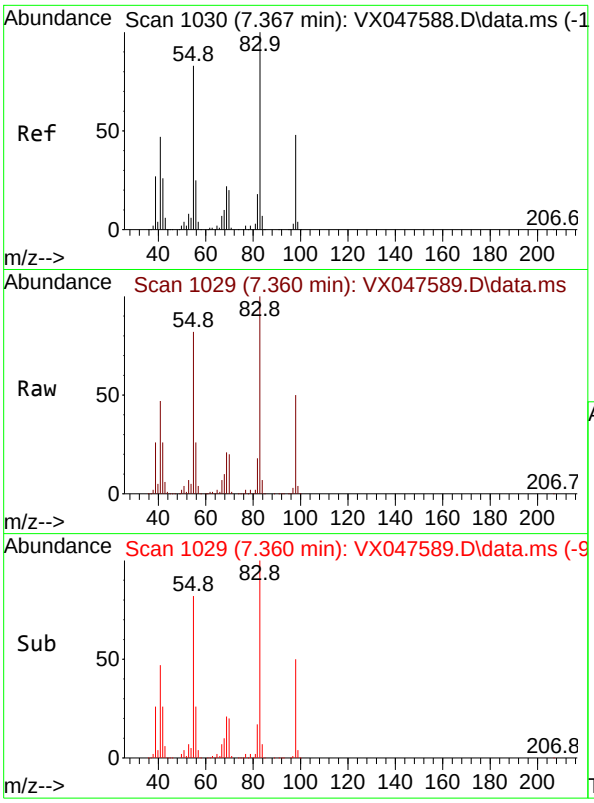


#38
Carbon Tetrachloride
Concen: 98.891 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:117 Resp: 314745

Ion	Ratio	Lower	Upper
117	100		
119	93.0	73.4	110.2
121	31.2	23.8	35.6

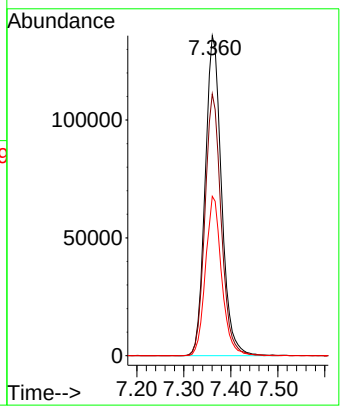




#39
Methylcyclohexane
Concen: 98.600 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 83 Resp: 32785

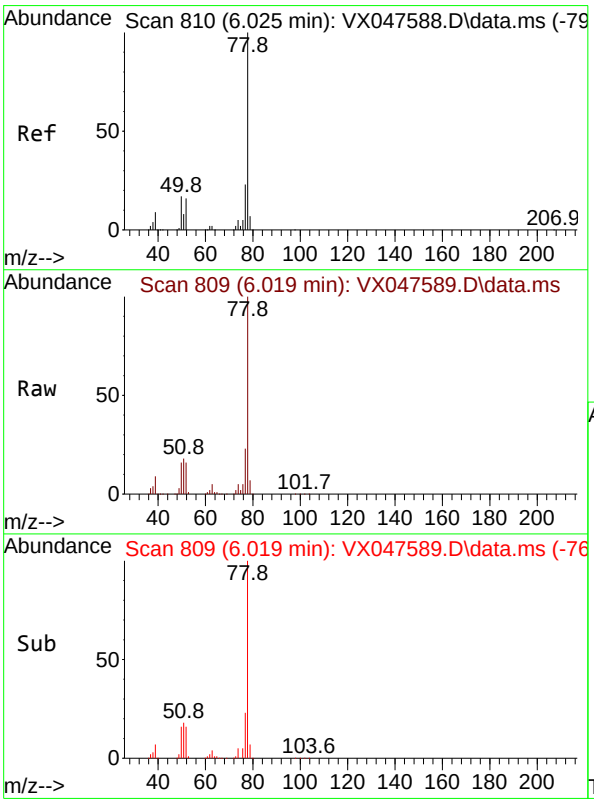
Ion	Ratio	Lower	Upper
83	100		
55	81.8	66.4	99.6
98	49.8	38.1	57.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

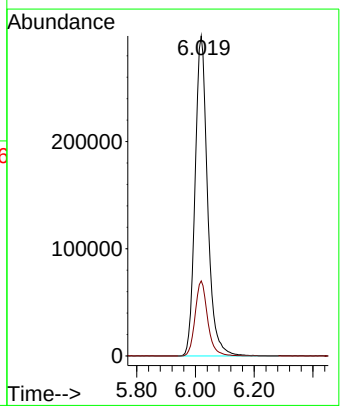
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

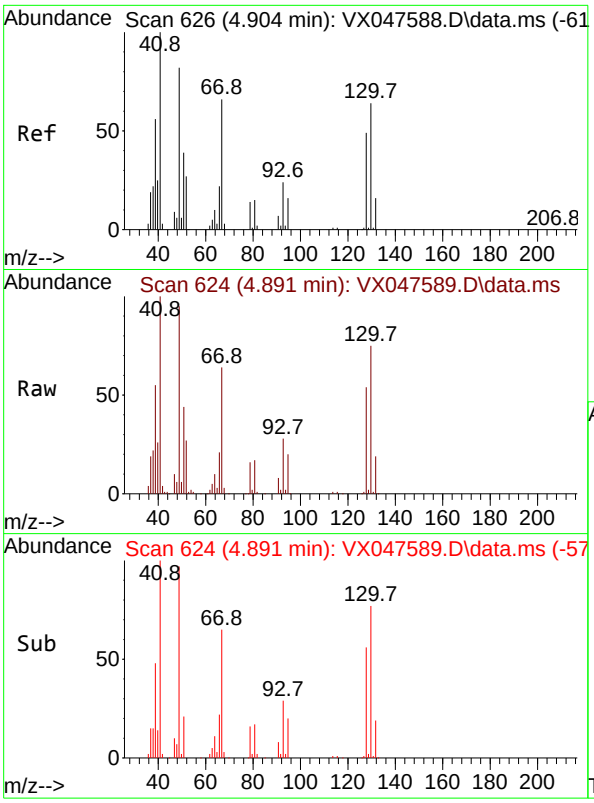


#40
Benzene
Concen: 99.009 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 78 Resp: 880885

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2

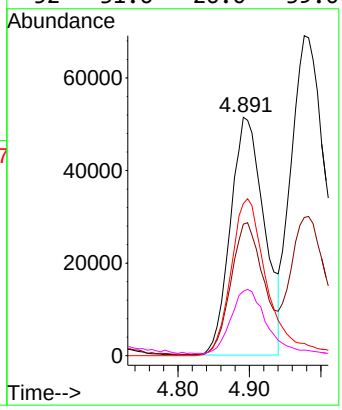




#41
Methacrylonitrile
Concen: 104.220 ug/l
RT: 4.891 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 41 Resp: 16875

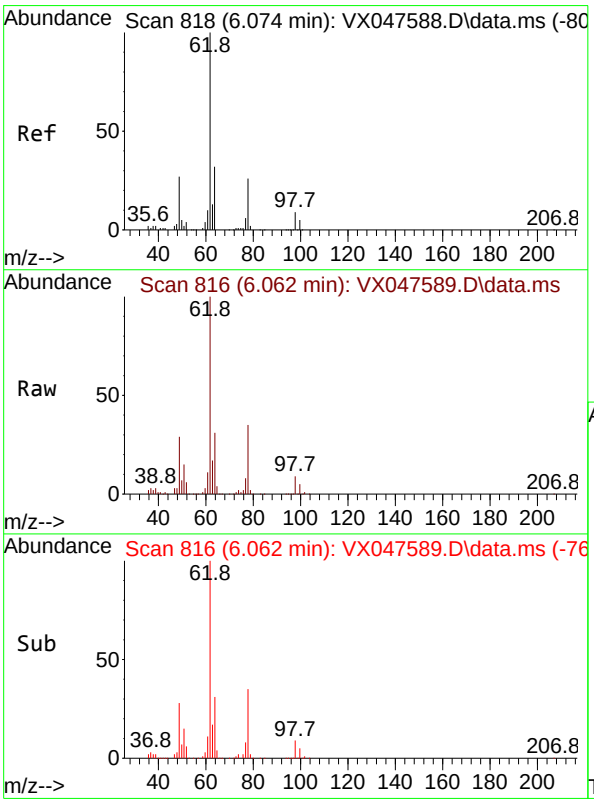
Ion	Ratio	Lower	Upper
41	100		
39	54.6	43.3	64.9
67	72.1	58.6	87.8
52	31.6	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

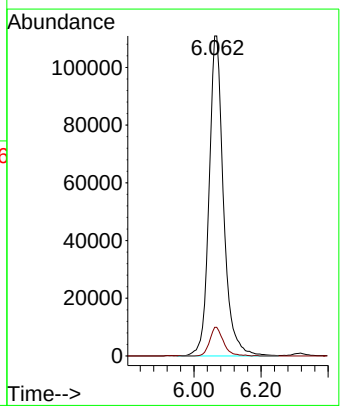
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

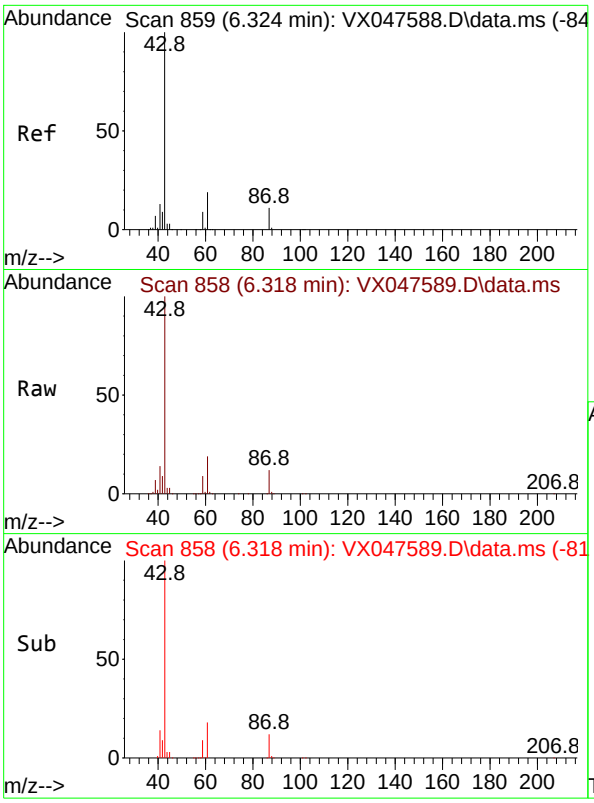


#42
1,2-Dichloroethane
Concen: 97.916 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 62 Resp: 331465

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.0

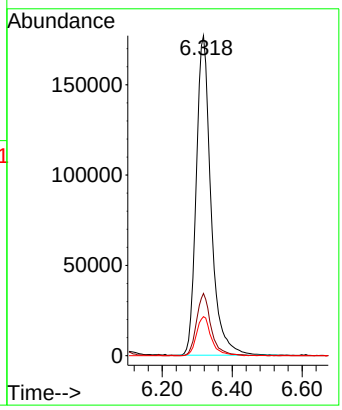




#43
Isopropyl Acetate
Concen: 100.482 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 51687

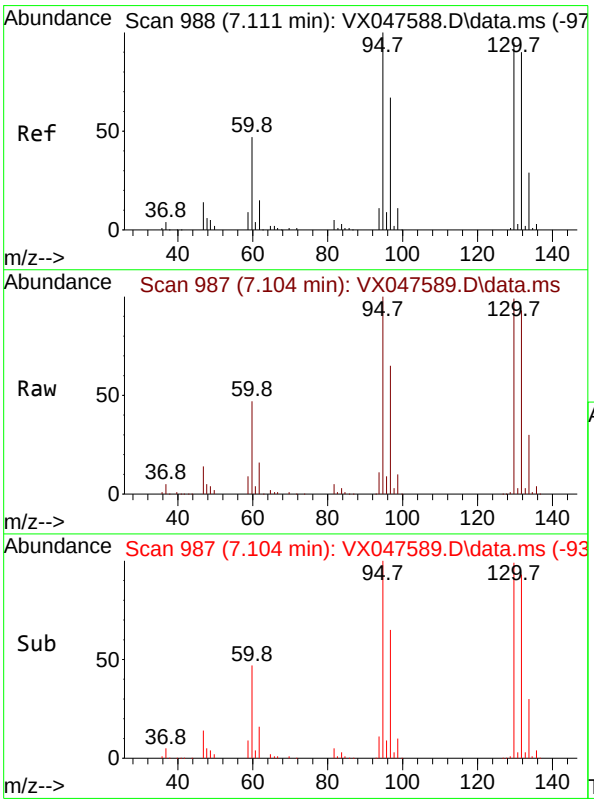
Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.2	22.8
87	12.3	9.6	14.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

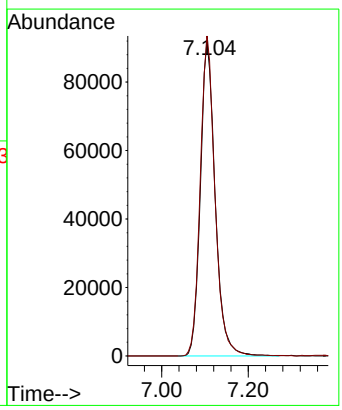
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

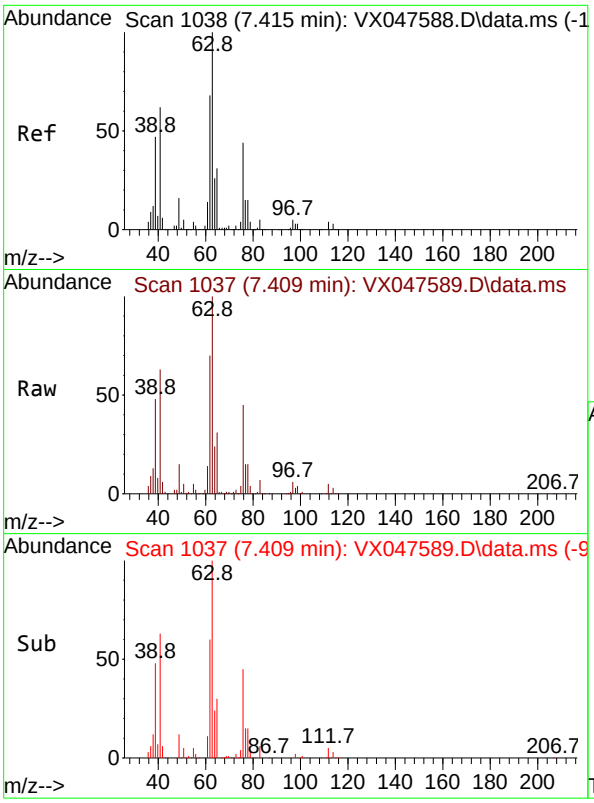


#44
Trichloroethene
Concen: 101.234 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:130 Resp: 217753

Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	210.8

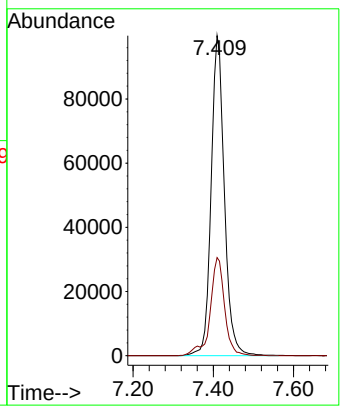




#45
1,2-Dichloropropane
Concen: 100.145 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 63 Resp: 22815

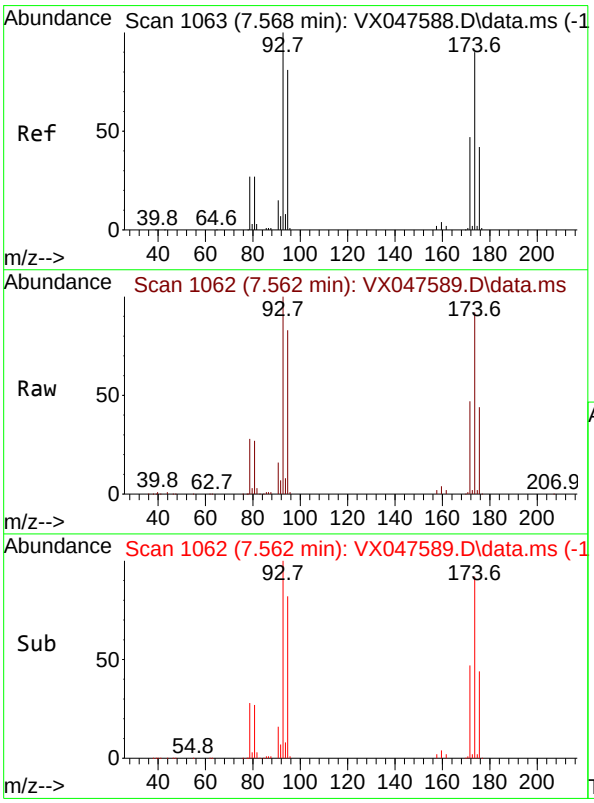
Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

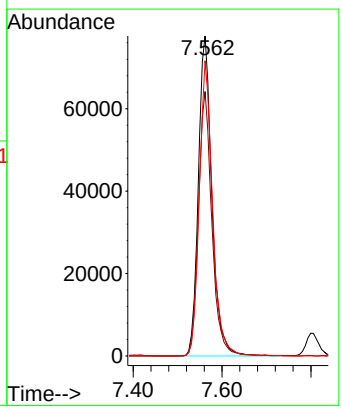
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

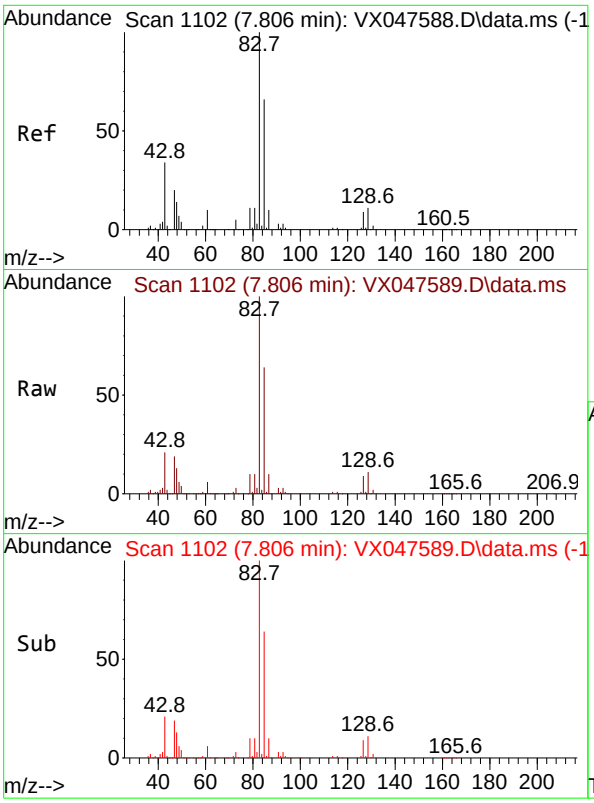


#46
Dibromomethane
Concen: 99.519 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 93 Resp: 164987

Ion	Ratio	Lower	Upper
93	100		
95	82.1	65.0	97.6
174	90.5	71.6	107.4

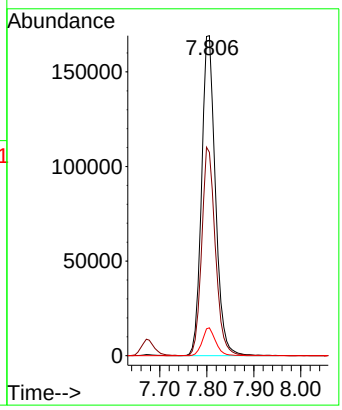




#47
Bromodichloromethane
Concen: 101.136 ug/l
RT: 7.806 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 83 Resp: 34599

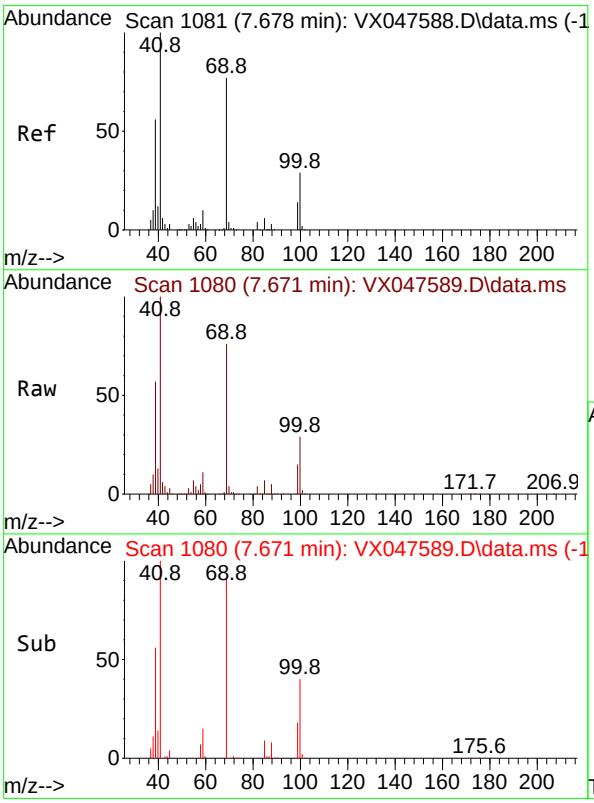
Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.5	78.7
127	8.7	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

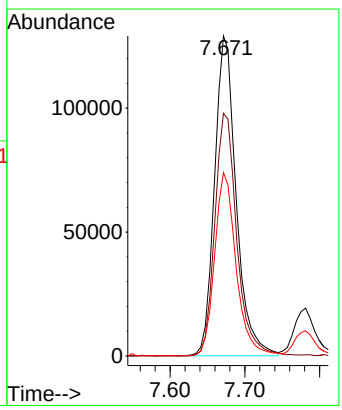
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

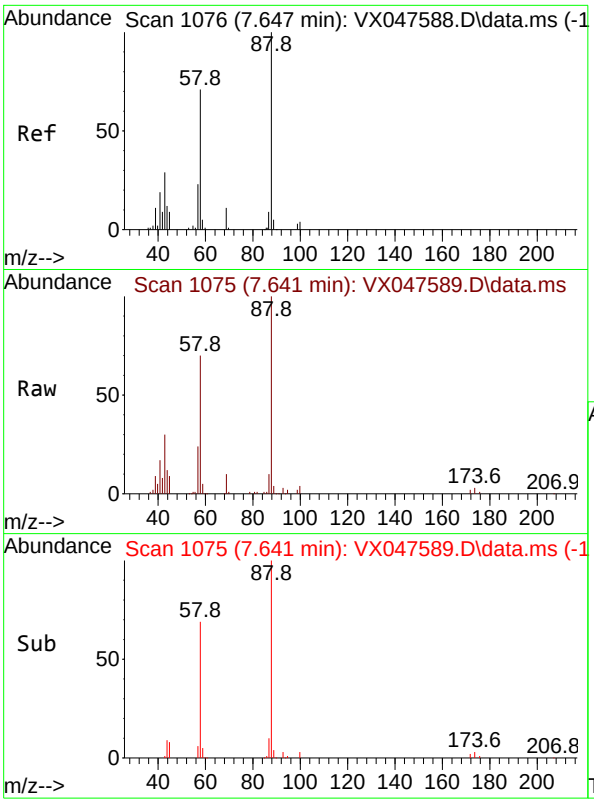


#48
Methyl methacrylate
Concen: 101.612 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 41 Resp: 260358

Ion	Ratio	Lower	Upper
41	100		
69	77.1	61.4	92.2
39	57.0	45.8	68.6

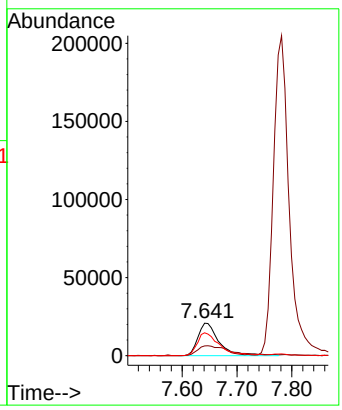




#49
1,4-Dioxane
Concen: 2190.315 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 88 Resp: 5671

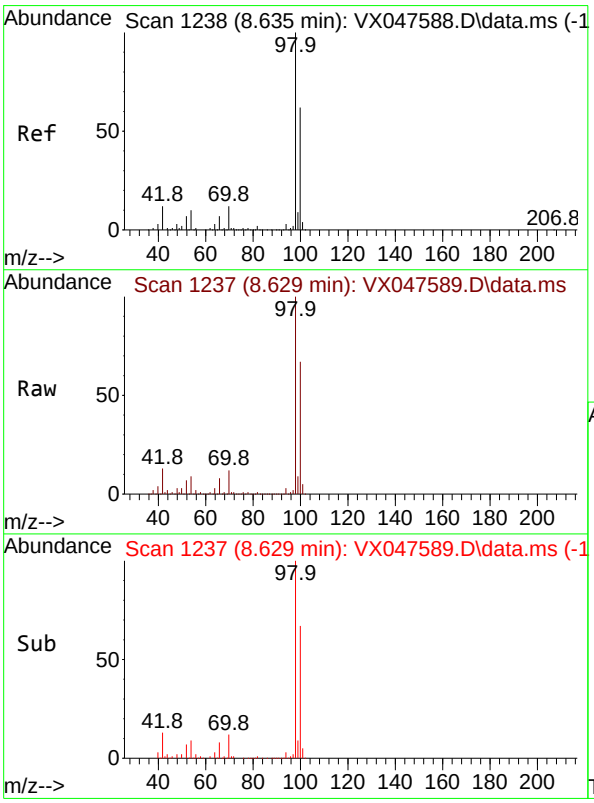
Ion	Ratio	Lower	Upper
88	100		
43	39.4	30.2	45.2
58	74.0	59.5	89.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

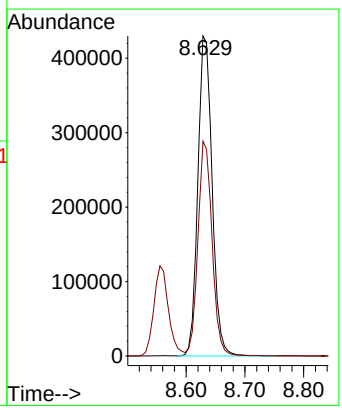
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

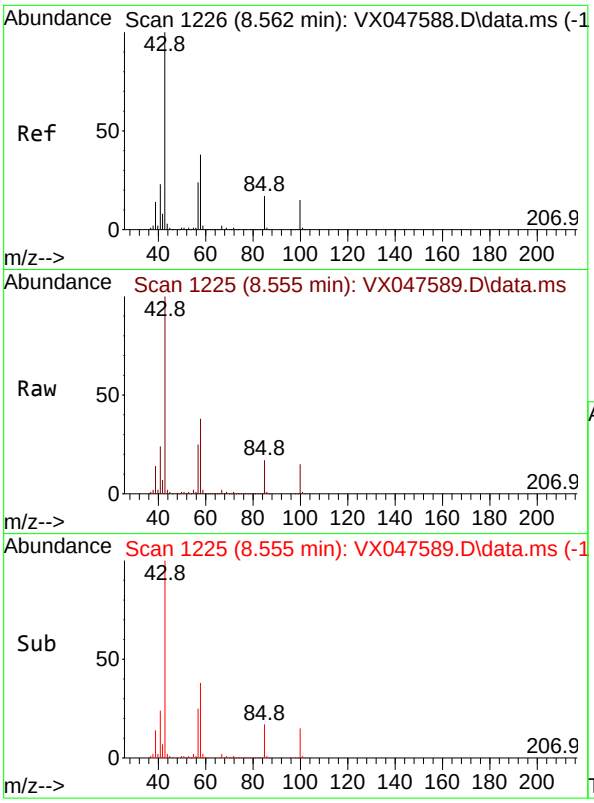


#50
Toluene-d8
Concen: 104.386 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 98 Resp: 724078

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4

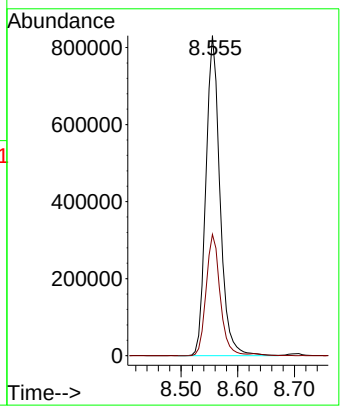




#51
4-Methyl-2-Pentanone
Concen: 501.834 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 143125

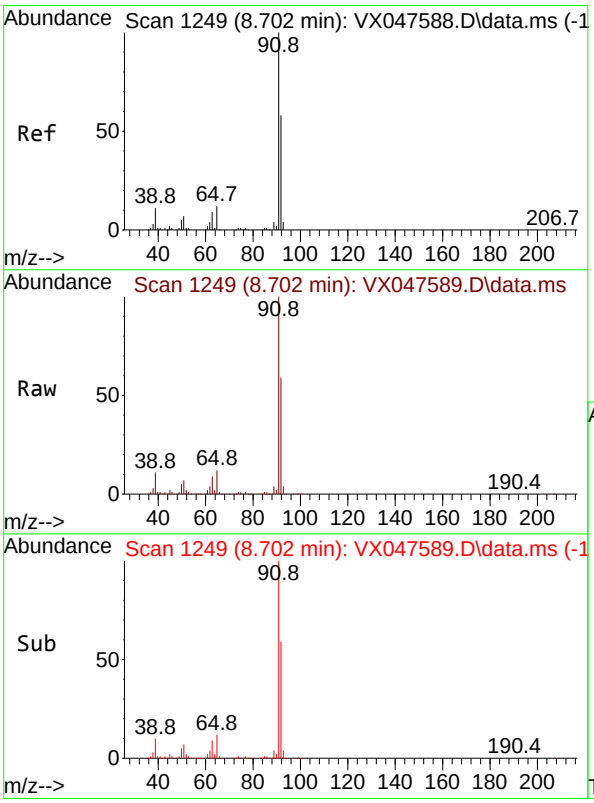
Ion	Ratio	Lower	Upper
43	100		
58	37.7	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

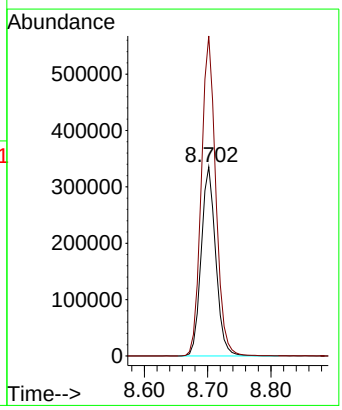
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

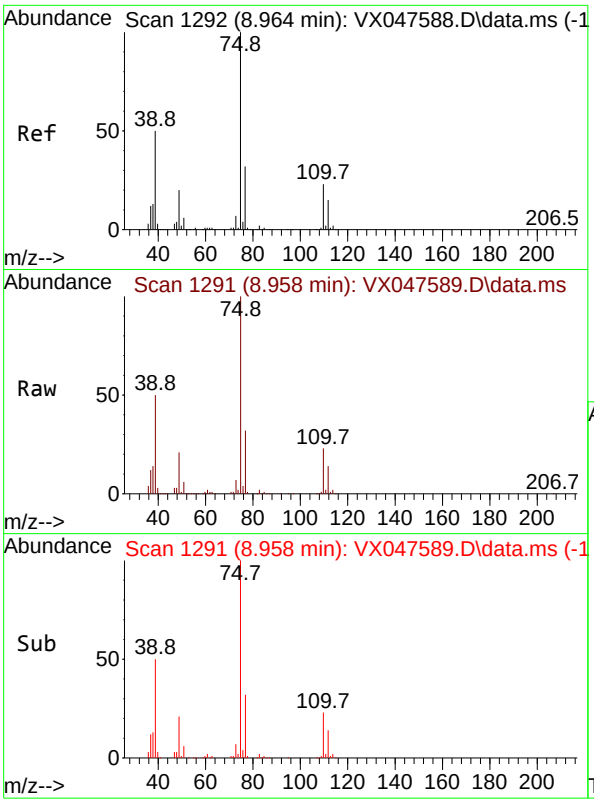


#52
Toluene
Concen: 97.811 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 92 Resp: 536148

Ion	Ratio	Lower	Upper
92	100		
91	169.3	137.1	205.7

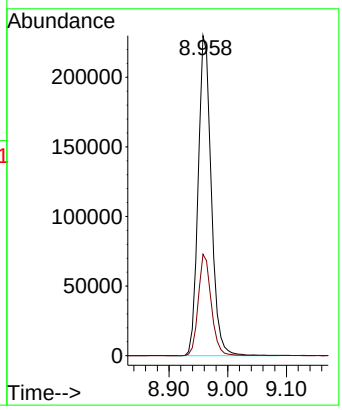




#53
t-1,3-Dichloropropene
Concen: 101.986 ug/l
RT: 8.958 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 75 Resp: 35588

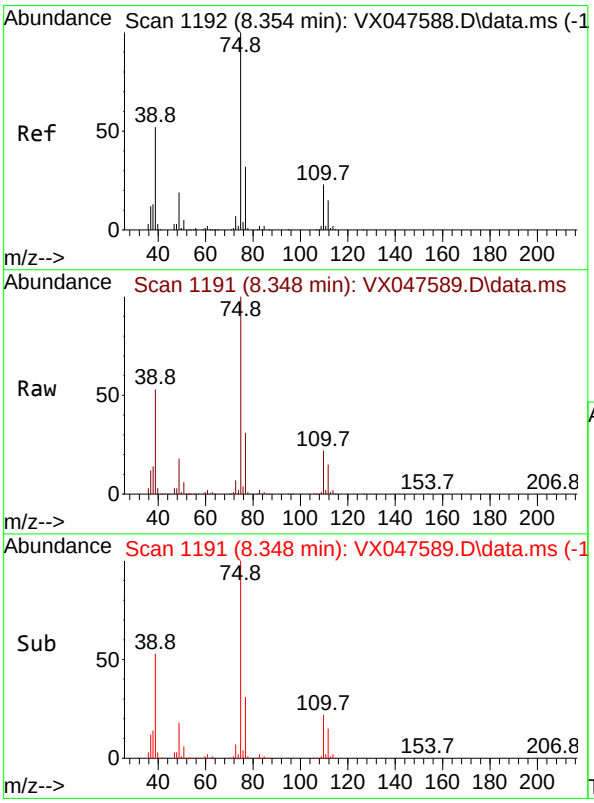
Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

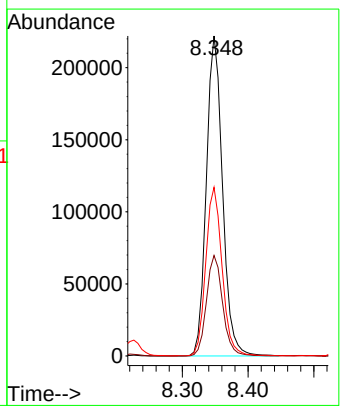
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

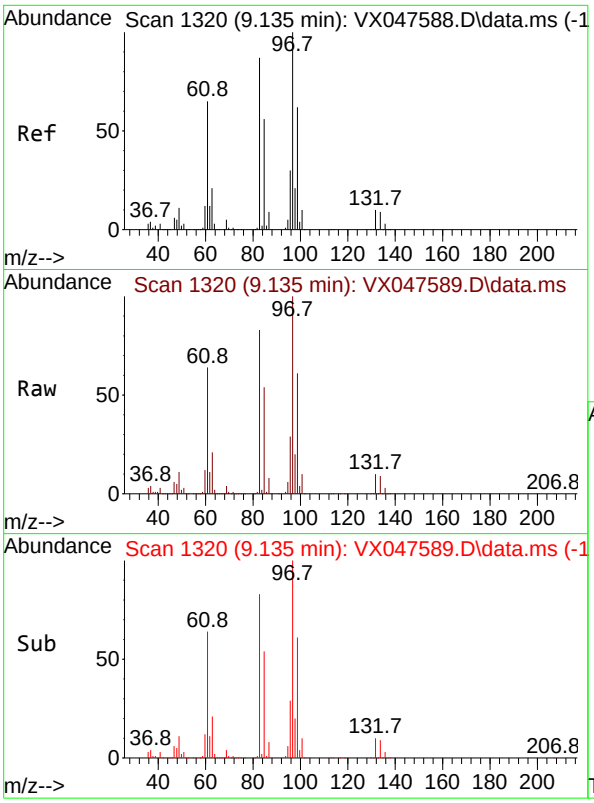


#54
cis-1,3-Dichloropropene
Concen: 102.038 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 75 Resp: 380577

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.8	38.6
39	52.3	41.4	62.2

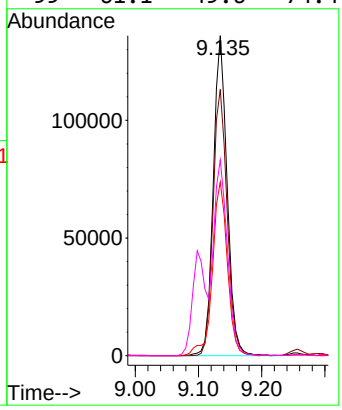




#55
1,1,2-Trichloroethane
Concen: 97.434 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 97 Resp: 20593

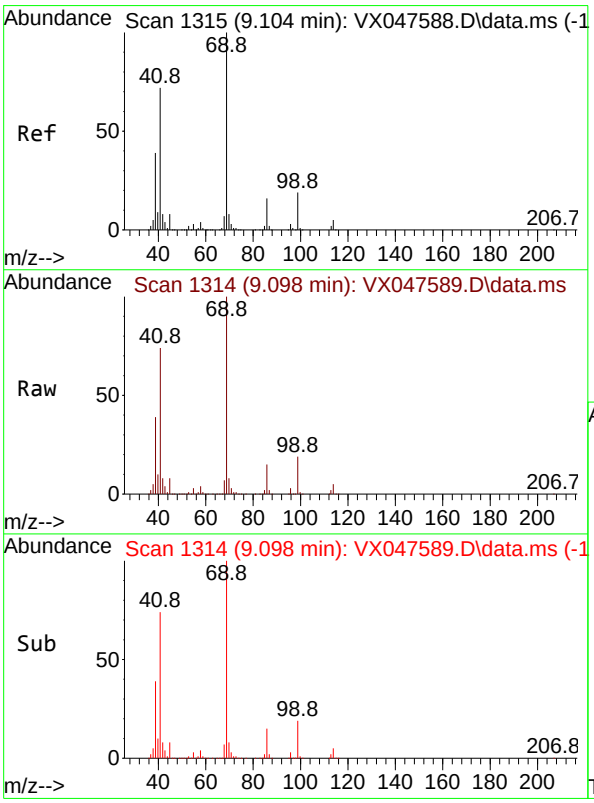
Ion	Ratio	Lower	Upper
97	100		
83	83.2	69.6	104.4
85	54.3	45.0	67.6
99	61.1	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

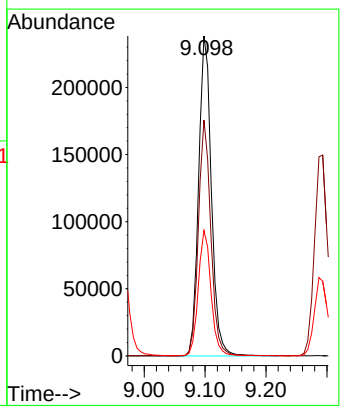
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

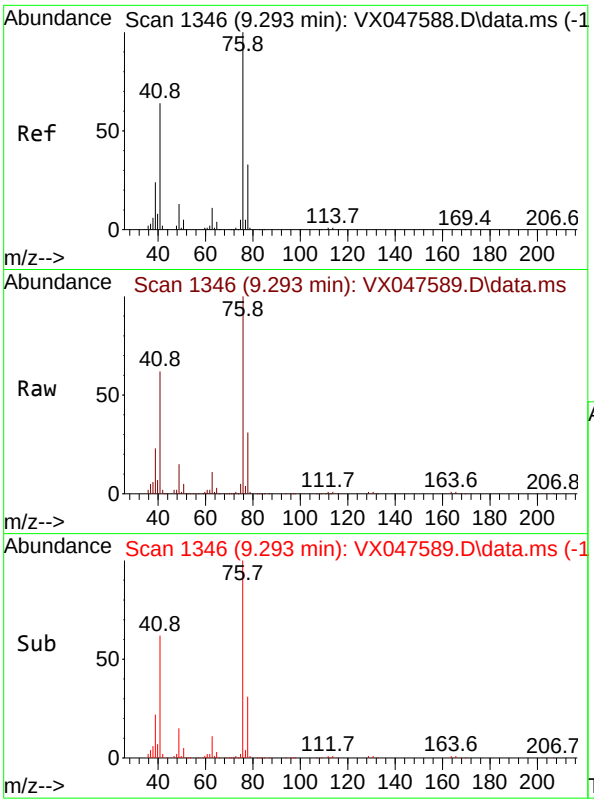


#56
Ethyl methacrylate
Concen: 104.435 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 69 Resp: 346659

Ion	Ratio	Lower	Upper
69	100		
41	71.7	58.6	87.8
39	39.0	31.5	47.3

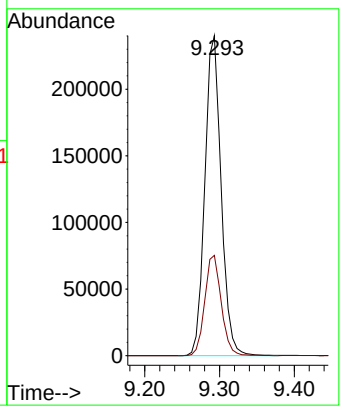




#57
1,3-Dichloropropane
Concen: 99.935 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 76 Resp: 36284

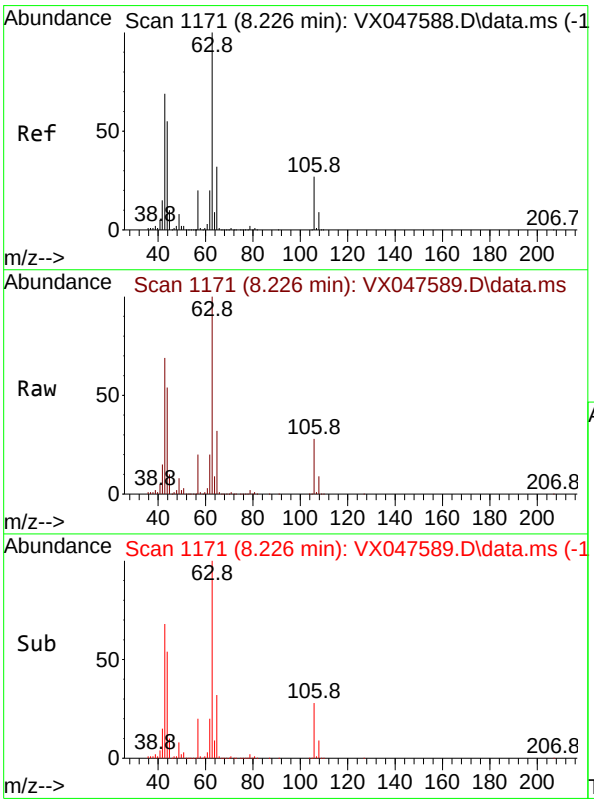
Ion	Ratio	Lower	Upper
76	100		
78	31.8	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

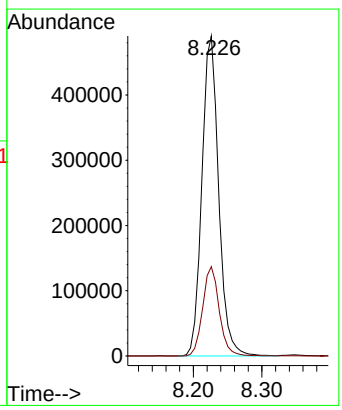
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

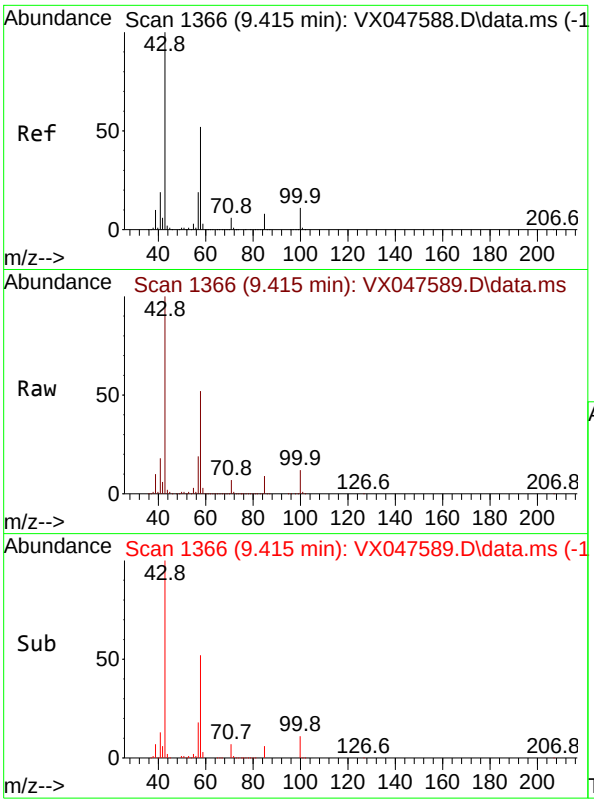


#58
2-Chloroethyl Vinyl ether
Concen: 499.814 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 63 Resp: 836362

Ion	Ratio	Lower	Upper
63	100		
106	27.5	21.9	32.9

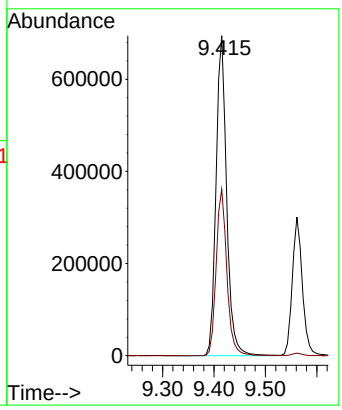




#59
2-Hexanone
Concen: 486.380 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 99627

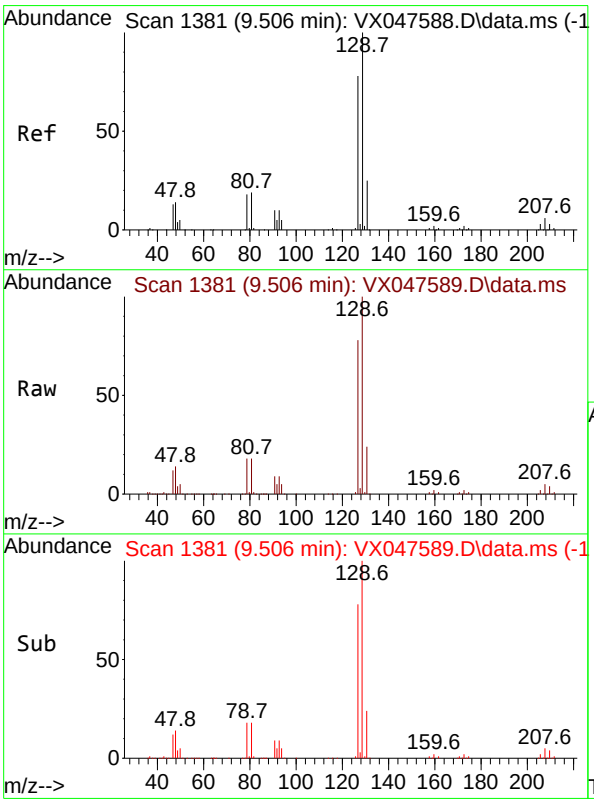
Ion	Ratio	Lower	Upper
43	100		
58	52.4	26.1	78.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

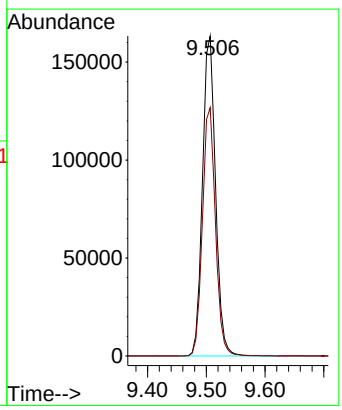
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

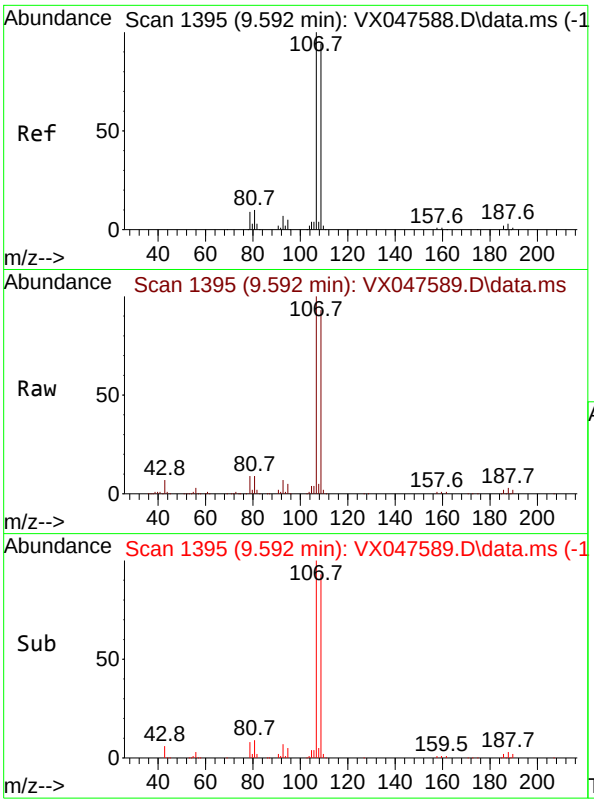


#60
Dibromochloromethane
Concen: 103.226 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:129 Resp: 251394

Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.4	115.2





#61
1,2-Dibromoethane
Concen: 101.147 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

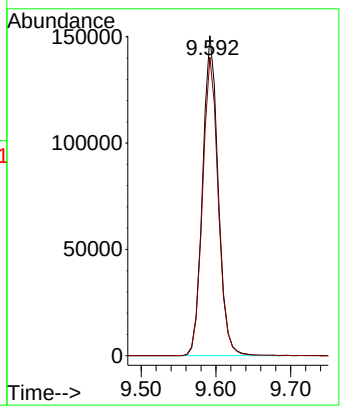
Tgt Ion:107 Resp: 21775

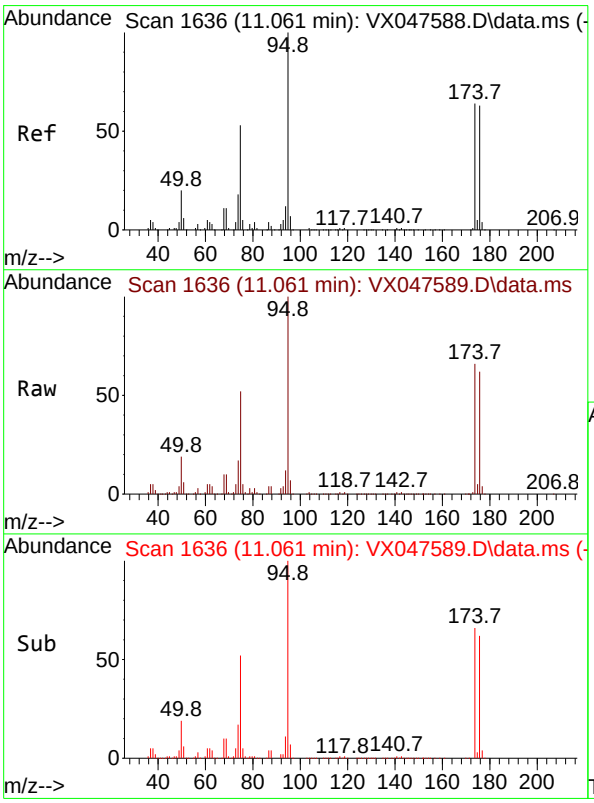
Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.3	112.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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

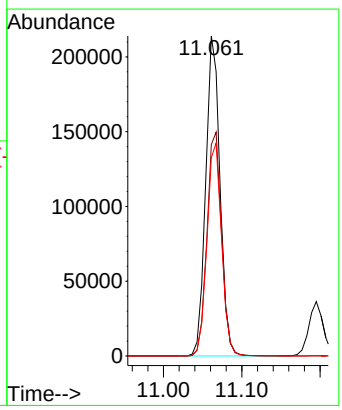


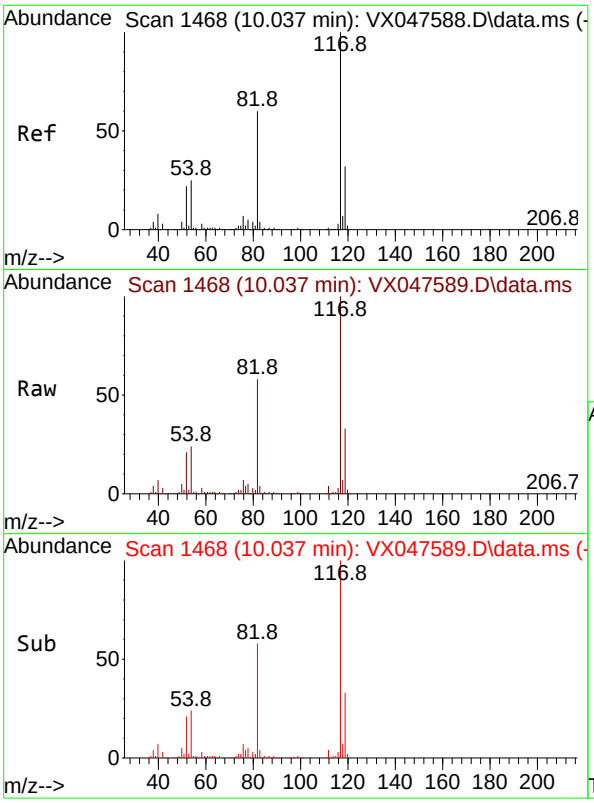


#62
4-Bromofluorobenzene
Concen: 102.672 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 95 Resp: 270289

Ion	Ratio	Lower	Upper
95	100		
174	71.7	0.0	141.6
176	68.0	0.0	138.4

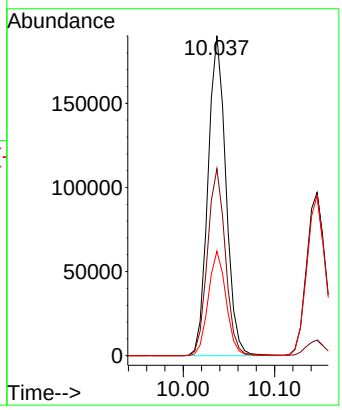




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:117 Resp: 25839

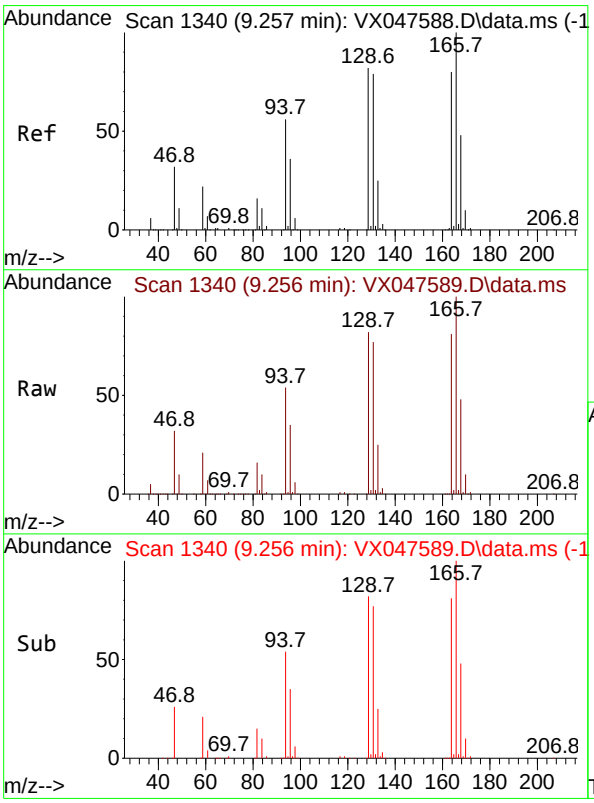
Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.8	71.6
119	32.7	25.2	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

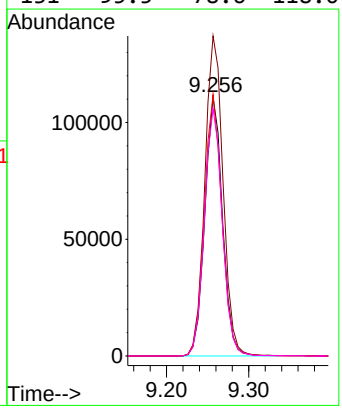
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

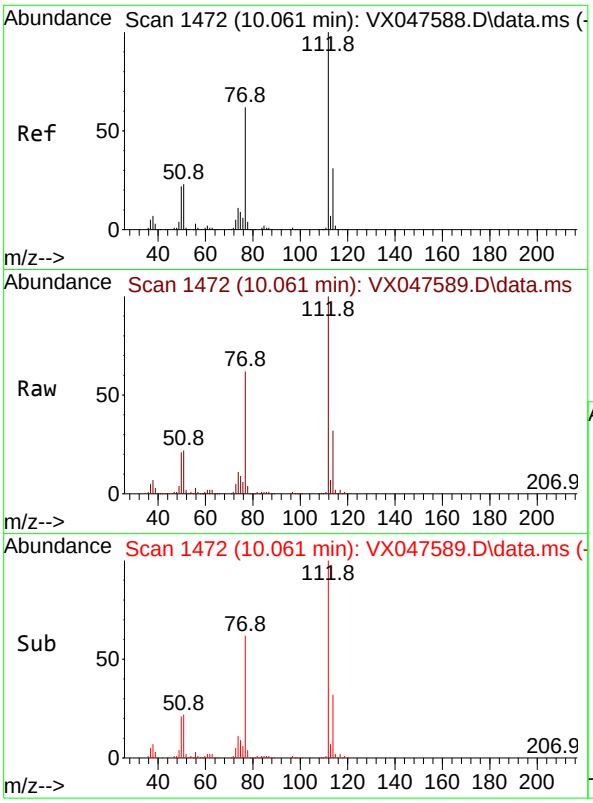


#64
Tetrachloroethene
Concen: 98.284 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:164 Resp: 165559

Ion	Ratio	Lower	Upper
164	100		
166	123.6	100.2	150.2
129	100.9	81.8	122.6
131	95.5	78.6	118.0

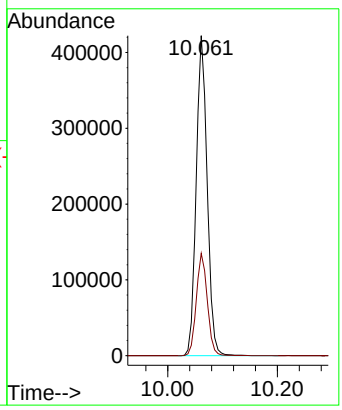




#65
Chlorobenzene
Concen: 100.253 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:112 Resp: 58851

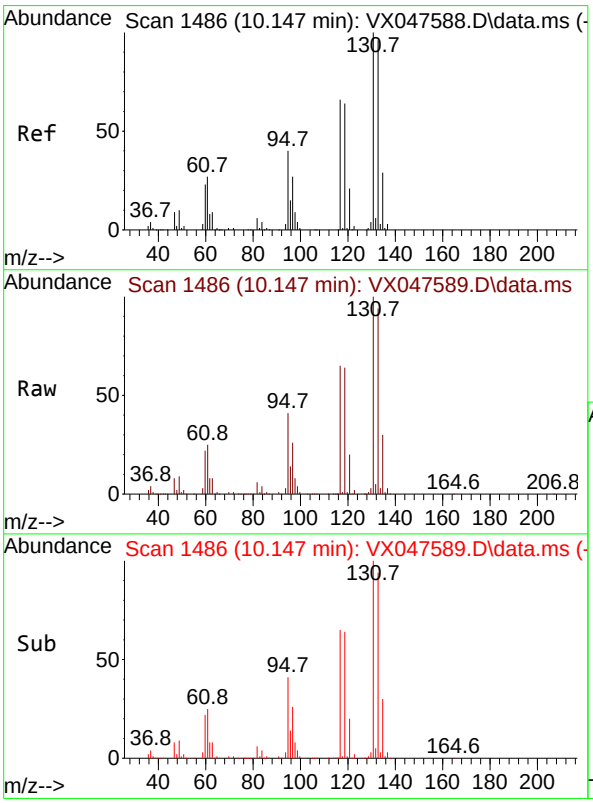
Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

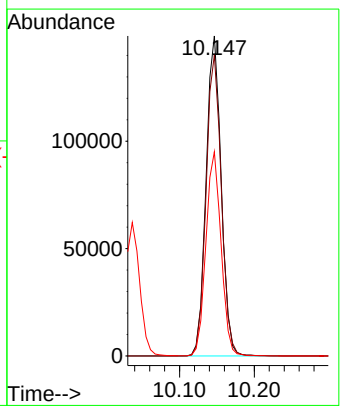
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

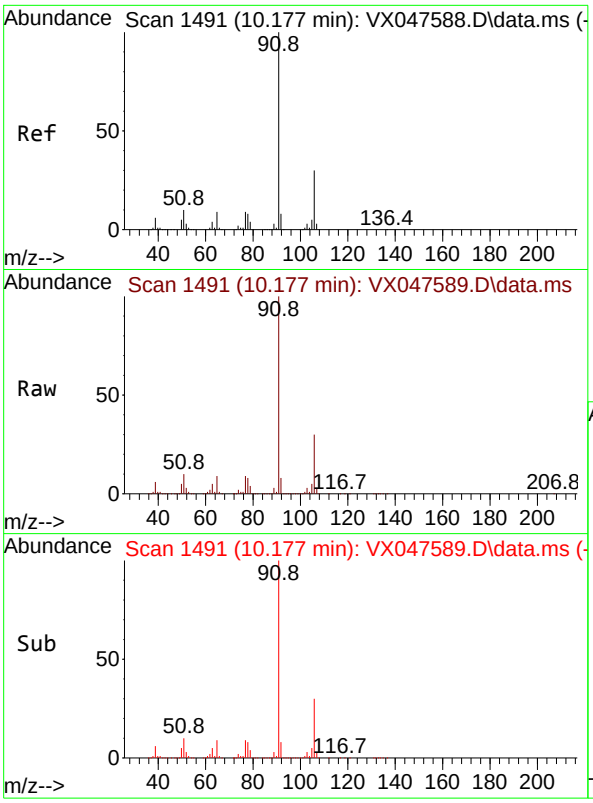


#66
1,1,1,2-Tetrachloroethane
Concen: 102.988 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:131 Resp: 208621

Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.3	142.0
119	64.2	32.0	96.0

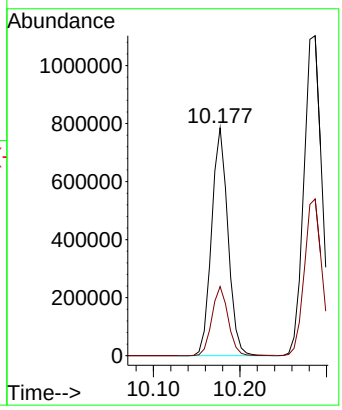




#67
Ethyl Benzene
Concen: 101.823 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 91 Resp: 103134

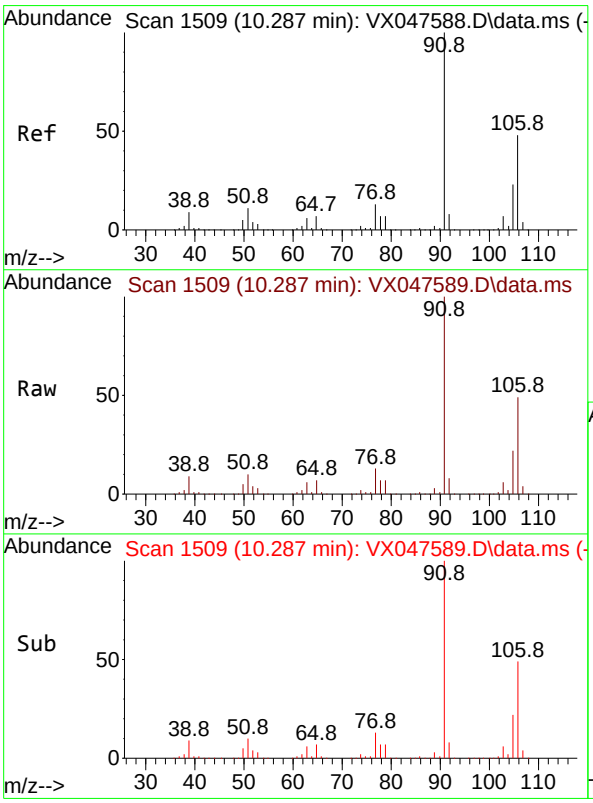
Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.3	36.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

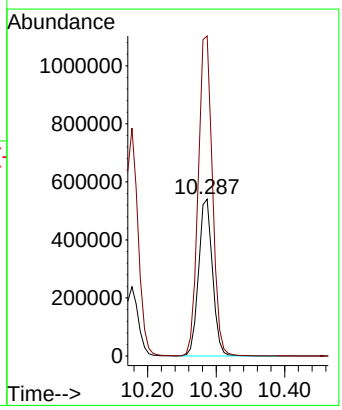
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

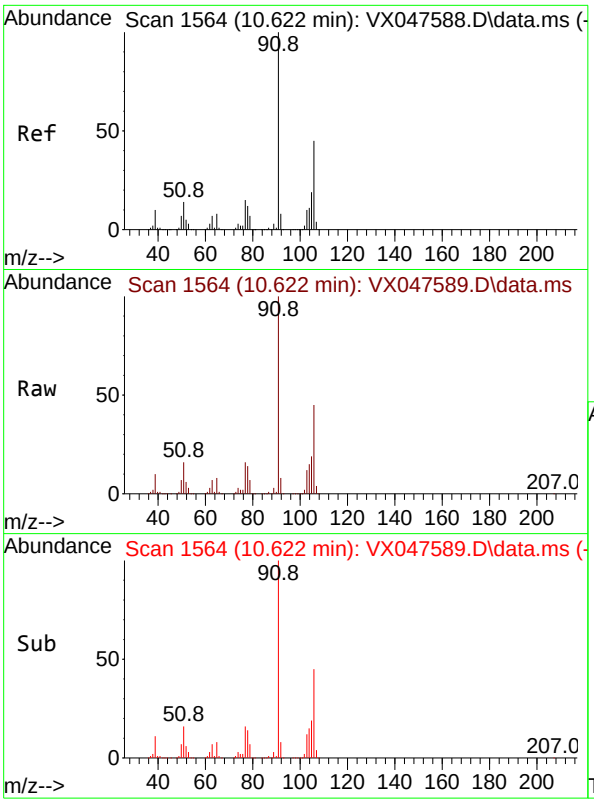


#68
m/p-Xylenes
Concen: 202.624 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:106 Resp: 763898

Ion	Ratio	Lower	Upper
106	100		
91	208.5	167.8	251.8





#69
o-Xylene
Concen: 102.186 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

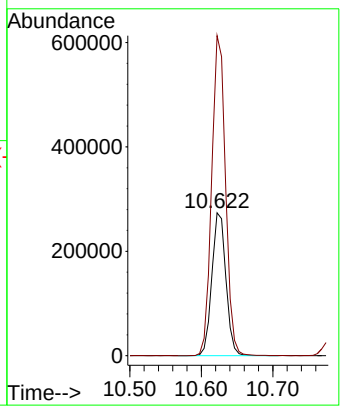
Tgt Ion:106 Resp: 37262

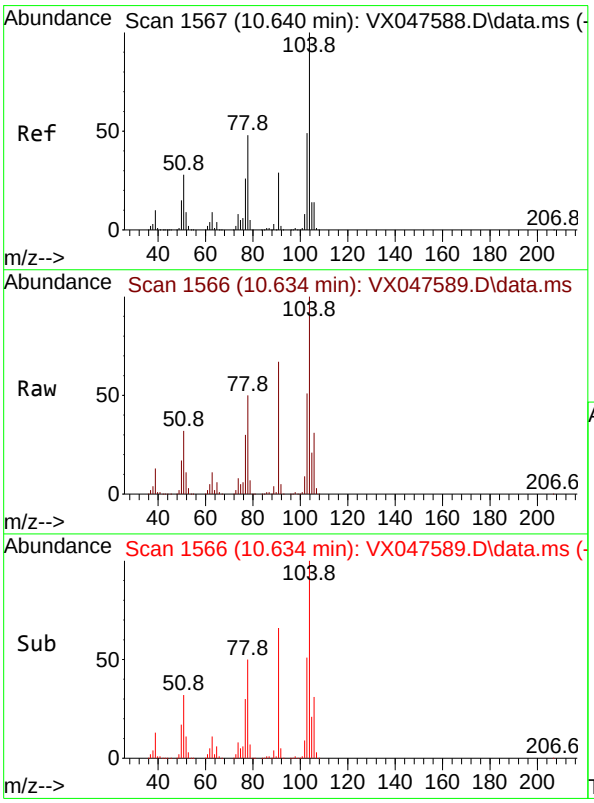
Ion	Ratio	Lower	Upper
106	100		
91	221.3	111.1	333.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

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

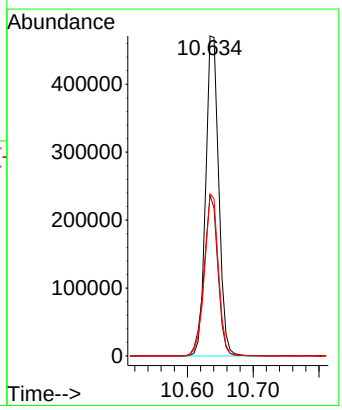


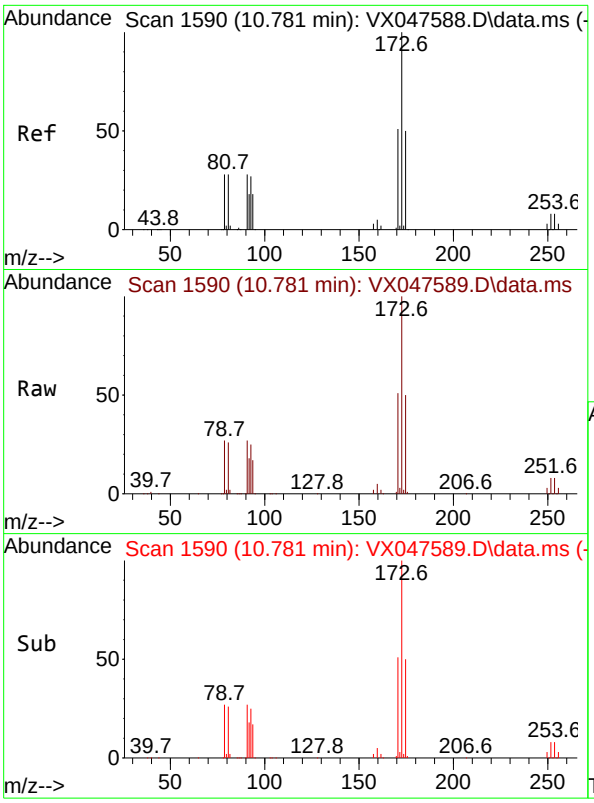


#70
Styrene
Concen: 101.710 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:104 Resp: 649863

Ion	Ratio	Lower	Upper
104	100		
78	53.5	43.1	64.7
103	54.1	43.1	64.7

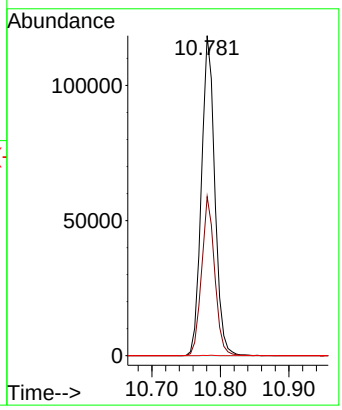




#71
Bromoform
Concen: 106.566 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:173 Resp: 16118

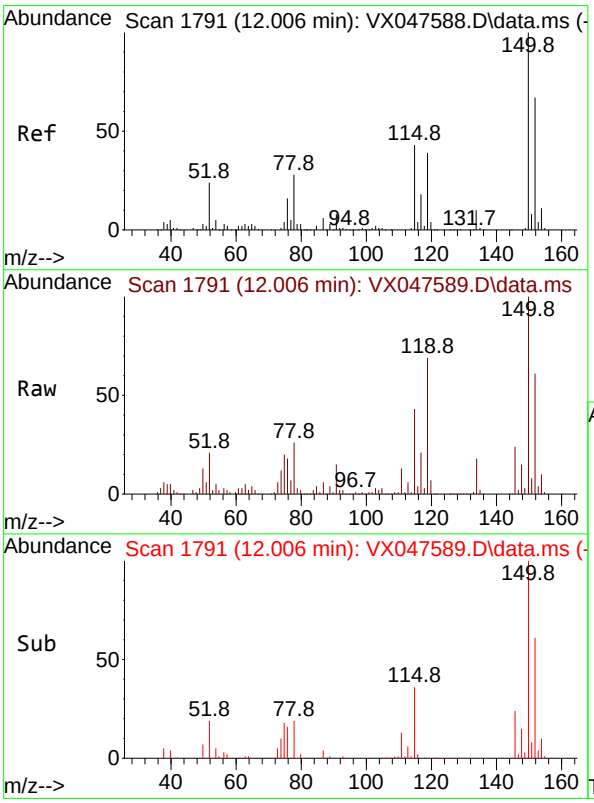
Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.9	74.6
254	0.1	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

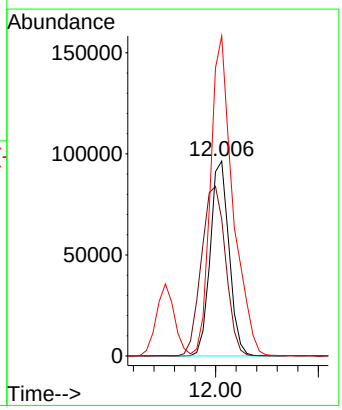
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

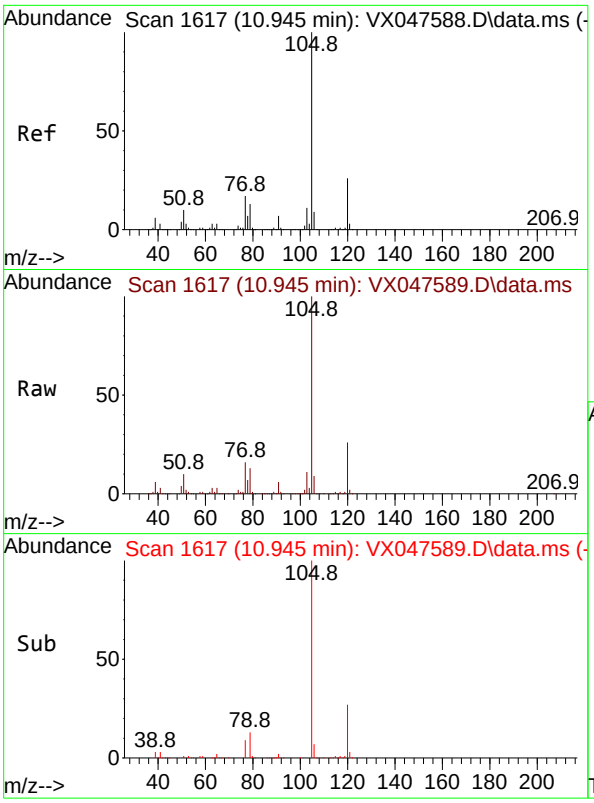


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:152 Resp: 122218

Ion	Ratio	Lower	Upper
152	100		
115	112.6	44.9	134.5
150	195.0	0.0	352.0

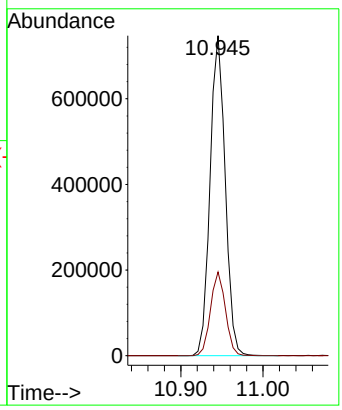




#73
Isopropylbenzene
Concen: 102.768 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:105 Resp: 95490

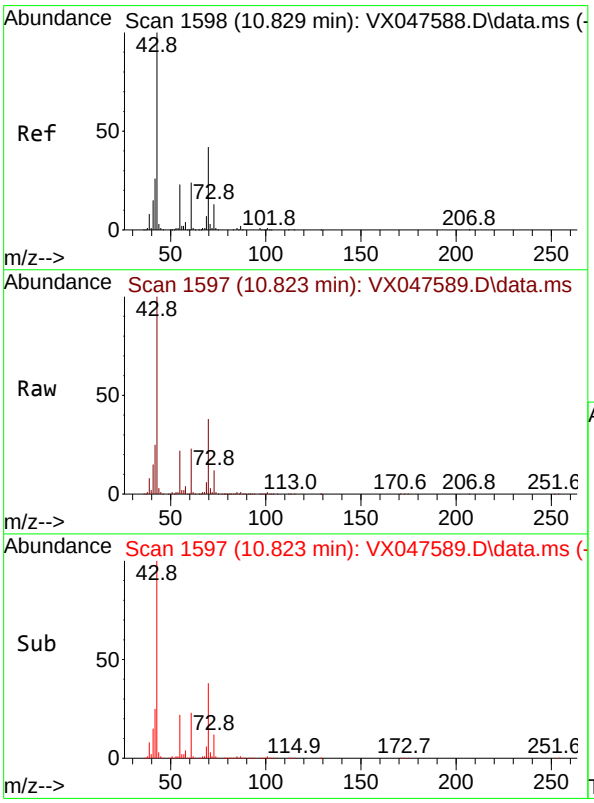
Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

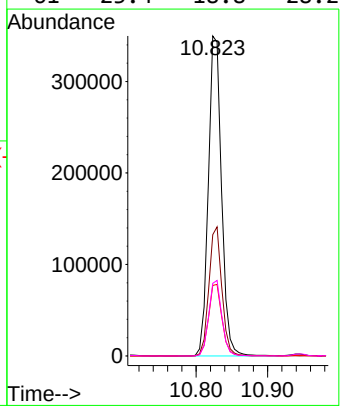
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

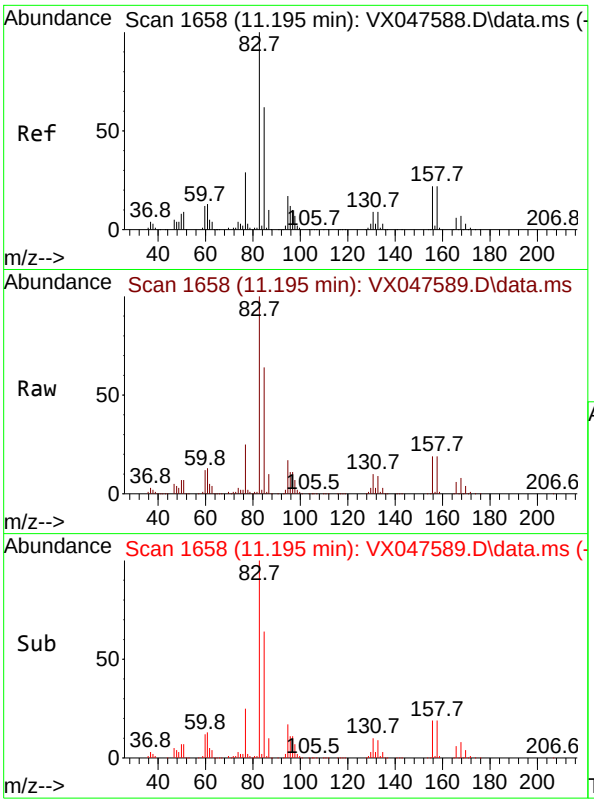


#74
N-amyl acetate
Concen: 105.812 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 448344

Ion	Ratio	Lower	Upper
43	100		
70	39.6	32.0	48.0
55	22.8	18.9	28.3
61	23.4	18.8	28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 100.172 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

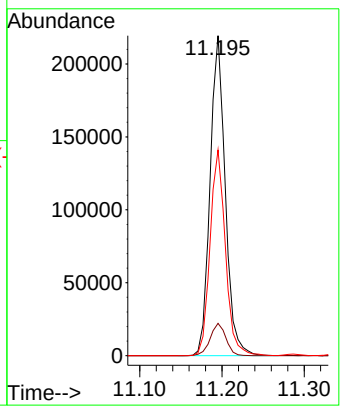
Tgt Ion: 83 Resp: 28160

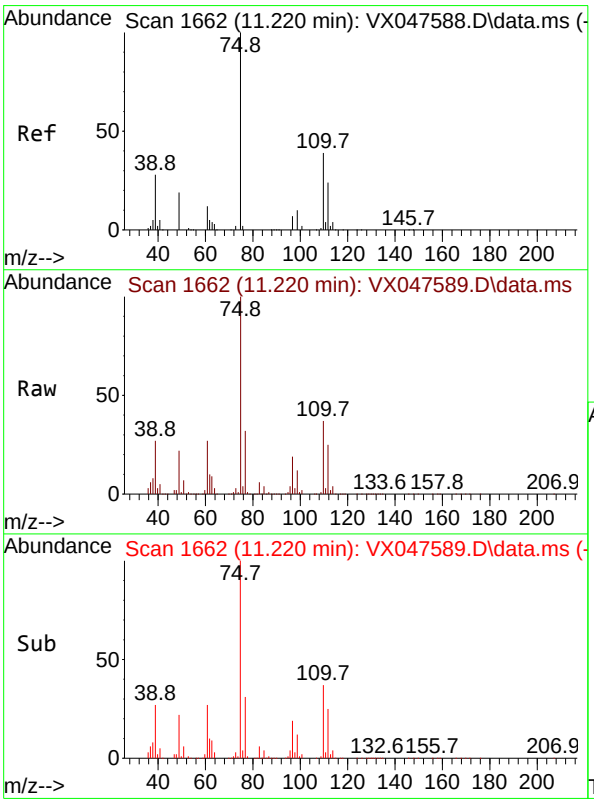
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.0	14.9
85	65.1	31.6	95.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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

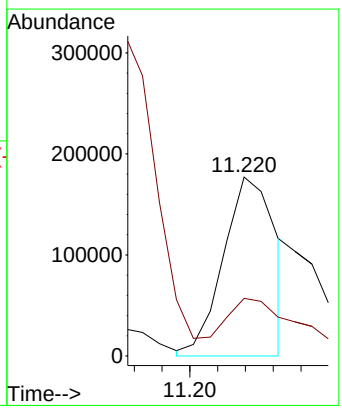


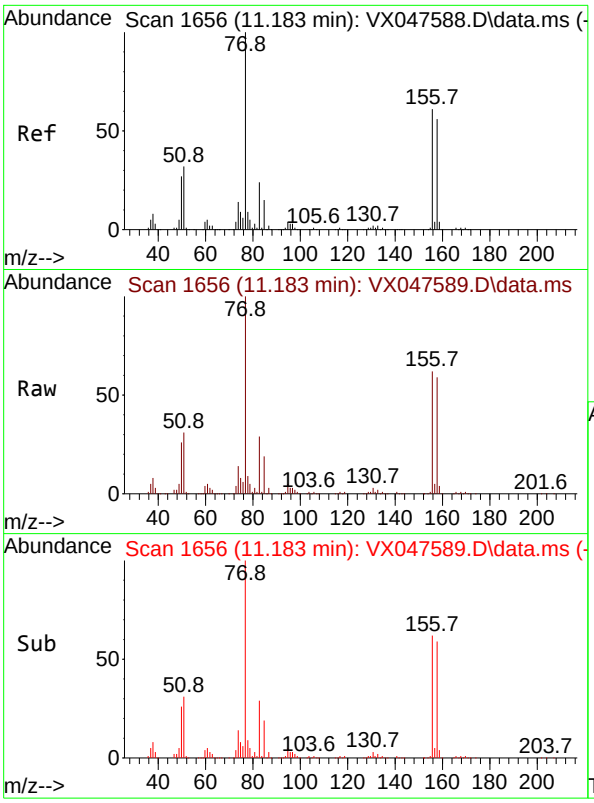


#76
1,2,3-Trichloropropane
Concen: 90.444 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 75 Resp: 229521

Ion	Ratio	Lower	Upper
75	100		
77	43.9	18.8	56.4

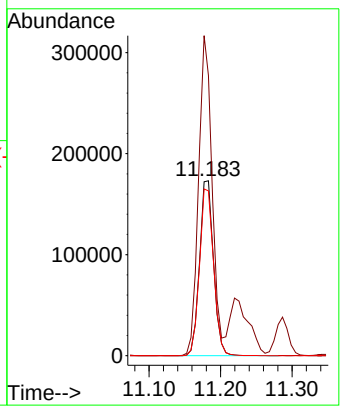




#77
Bromobenzene
Concen: 102.541 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:156 Resp: 23466

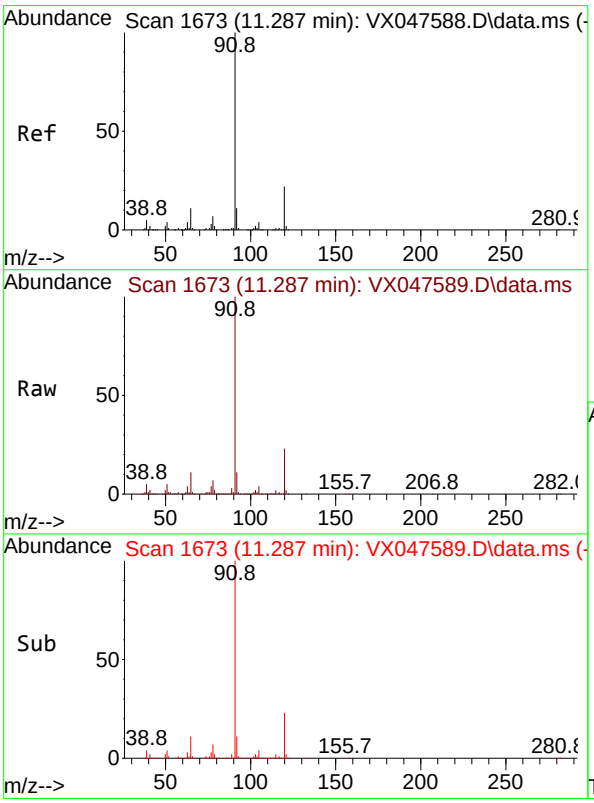
Ion	Ratio	Lower	Upper
156	100		
77	176.0	89.7	269.1
158	96.5	47.9	143.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

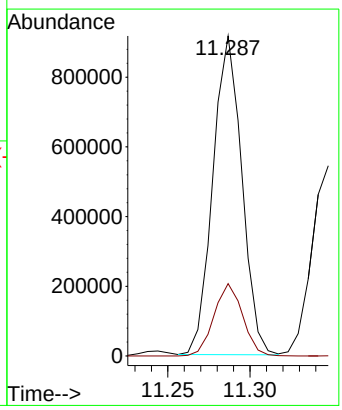
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

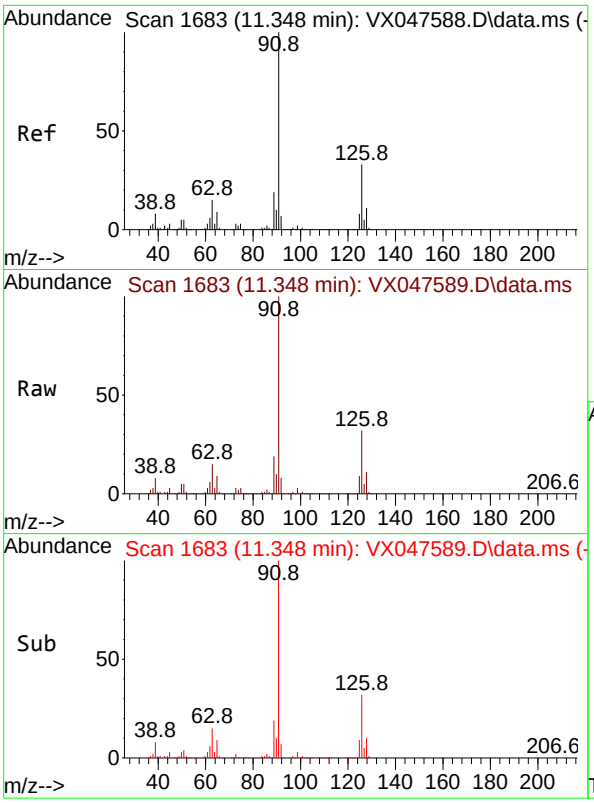


#78
n-propylbenzene
Concen: 101.941 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 91 Resp: 1119728

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.1	33.1

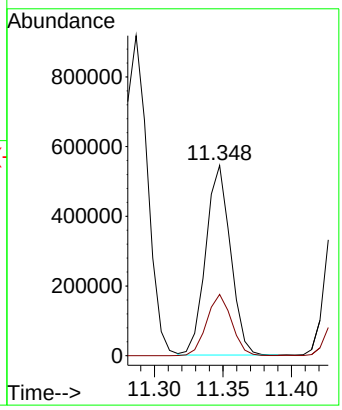




#79
2-Chlorotoluene
Concen: 101.652 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 91 Resp: 68386

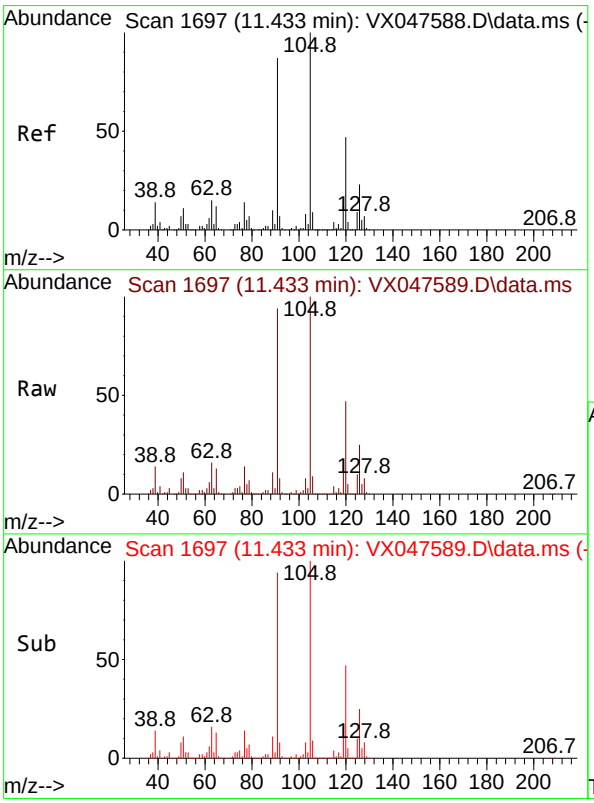
Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.1	48.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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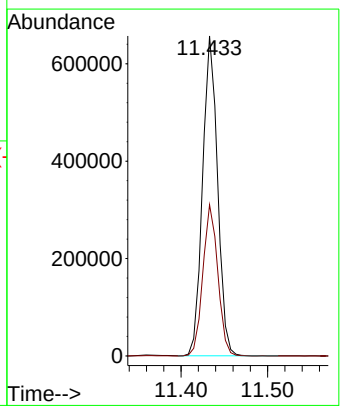
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

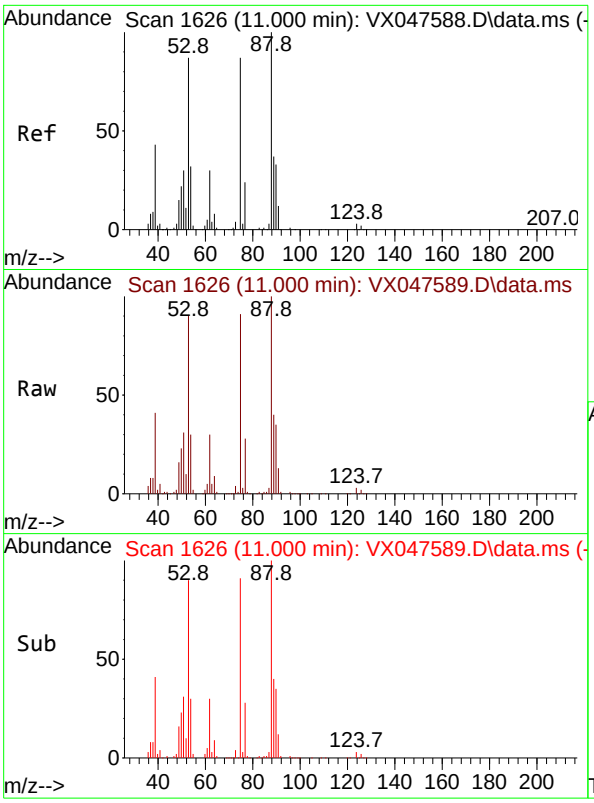


#80
1,3,5-Trimethylbenzene
Concen: 103.134 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:105 Resp: 787327

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.6	70.8

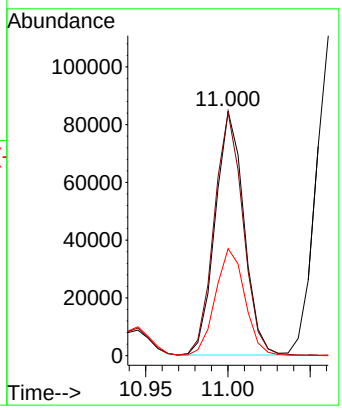




#81
trans-1,4-Dichloro-2-butene
Concen: 105.689 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 75 Resp: 10255

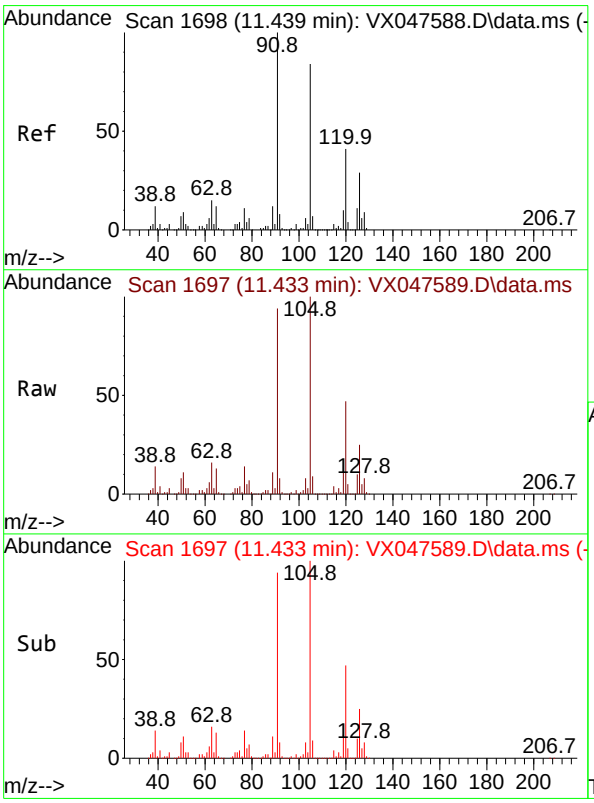
Ion	Ratio	Lower	Upper
75	100		
53	101.1	83.4	125.2
89	45.3	36.3	54.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

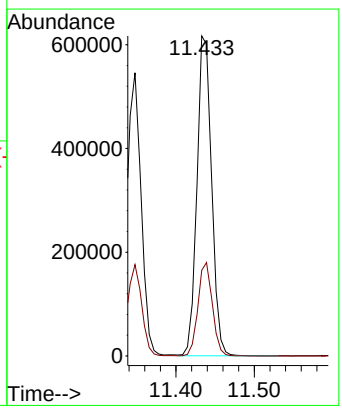
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

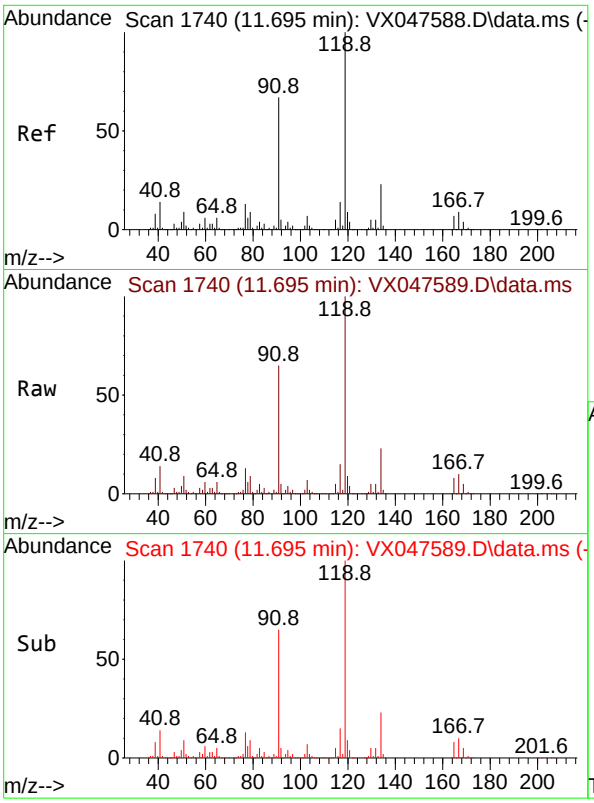


#82
4-Chlorotoluene
Concen: 101.054 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 91 Resp: 802929

Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.2	42.6

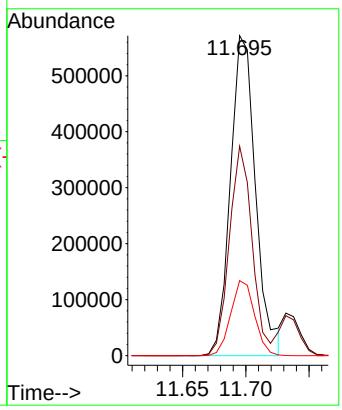




#83
tert-Butylbenzene
Concen: 101.333 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:119 Resp: 79189

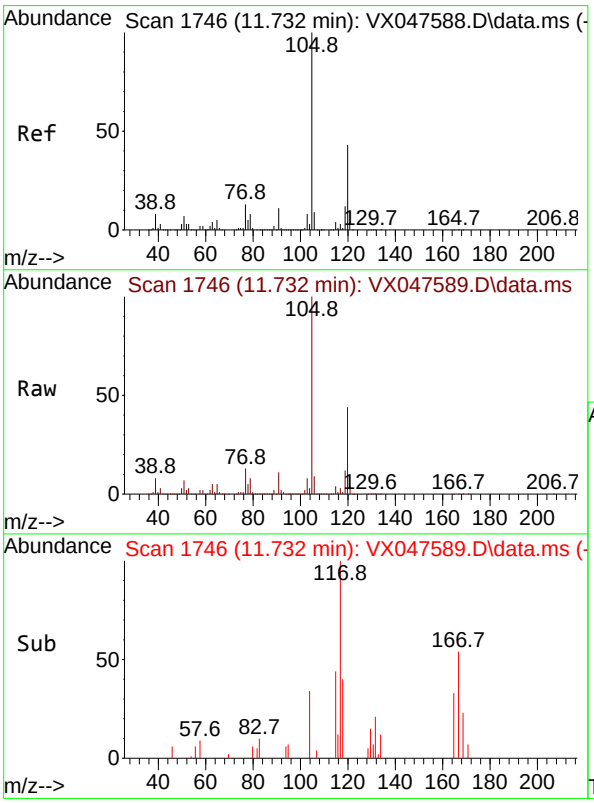
Ion	Ratio	Lower	Upper
119	100		
91	59.3	29.6	88.8
134	22.3	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

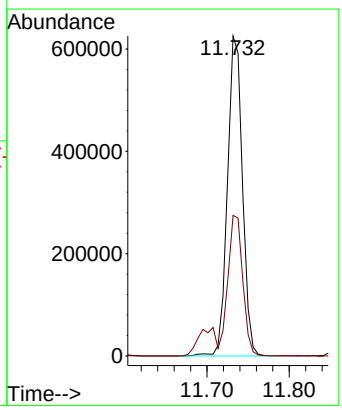
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

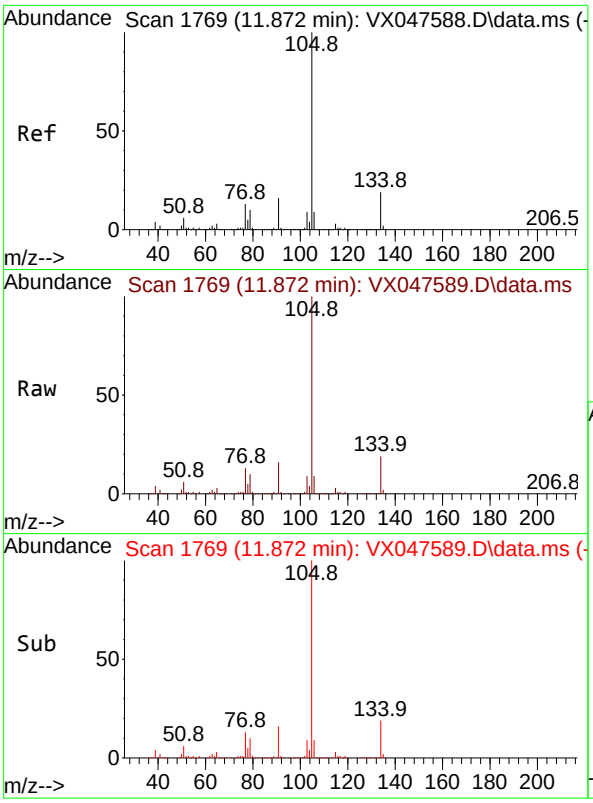


#84
1,2,4-Trimethylbenzene
Concen: 102.144 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:105 Resp: 790557

Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.1	66.1

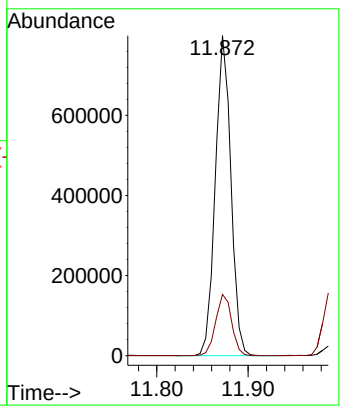




#85
sec-Butylbenzene
Concen: 101.840 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:105 Resp: 94532

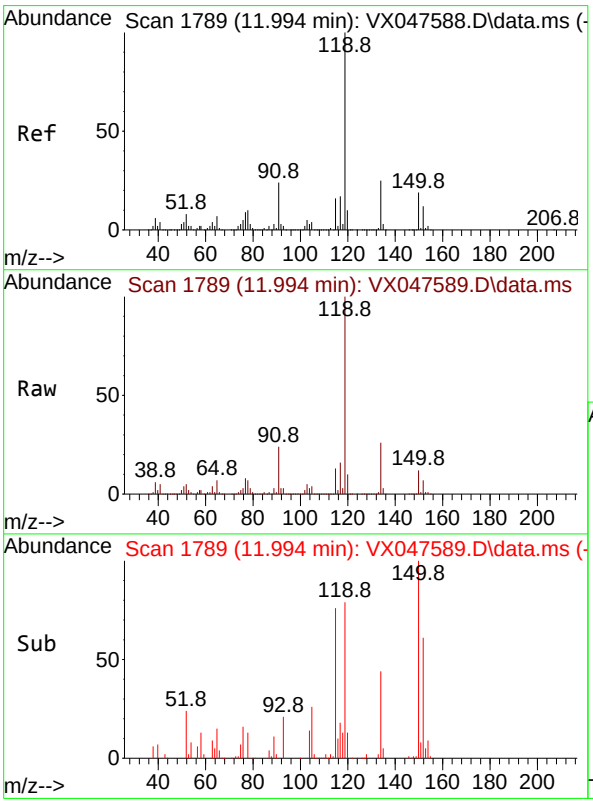
Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

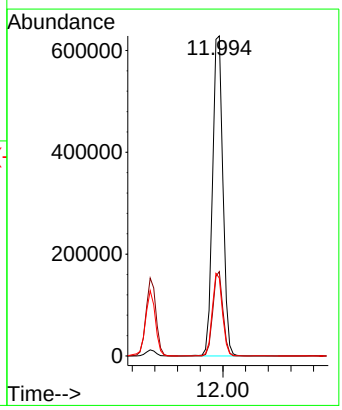
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

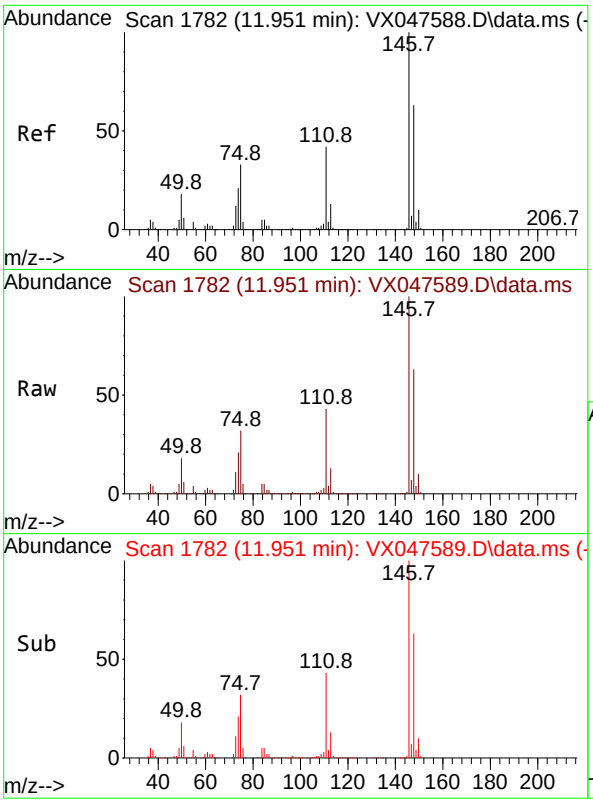


#86
p-Isopropyltoluene
Concen: 101.501 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:119 Resp: 797643

Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.6	37.8
91	25.2	12.6	37.6

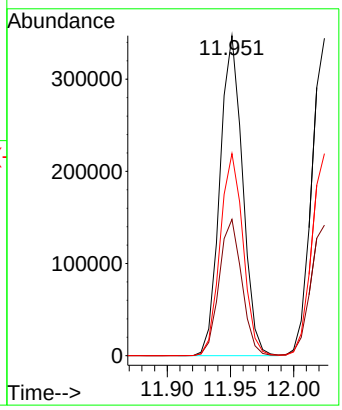




#87
1,3-Dichlorobenzene
Concen: 101.689 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:146 Resp: 43224

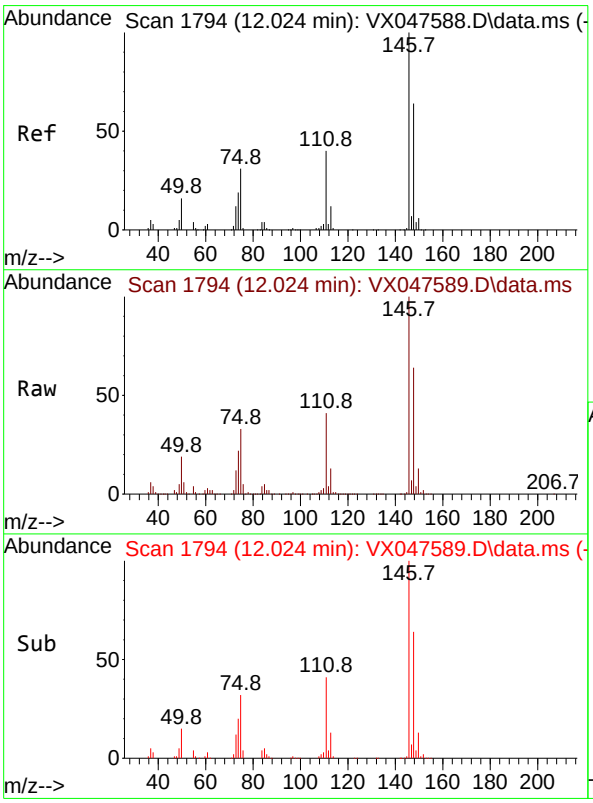
Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.5	64.5
148	63.9	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

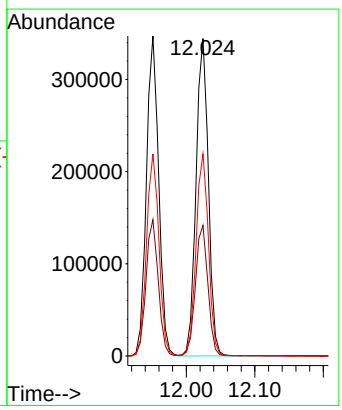
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

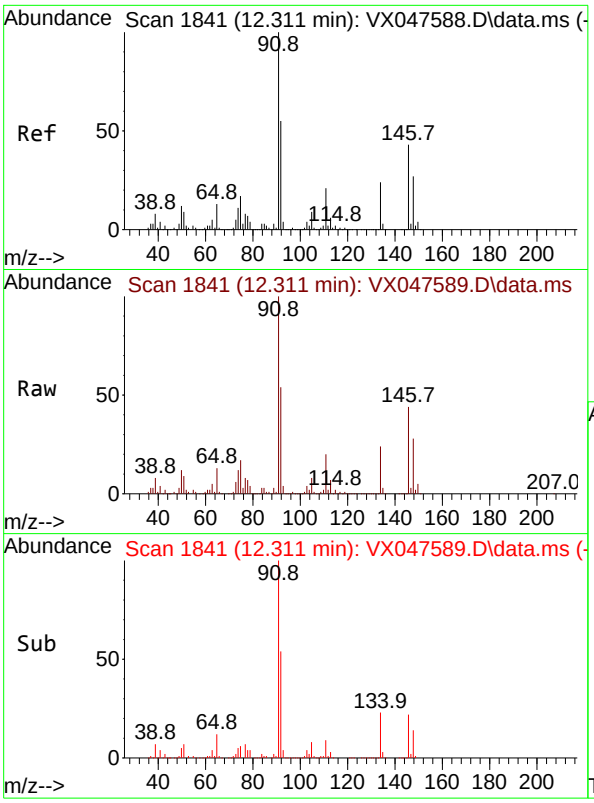


#88
1,4-Dichlorobenzene
Concen: 98.985 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:146 Resp: 431839

Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.8	62.4
148	63.8	31.7	95.1

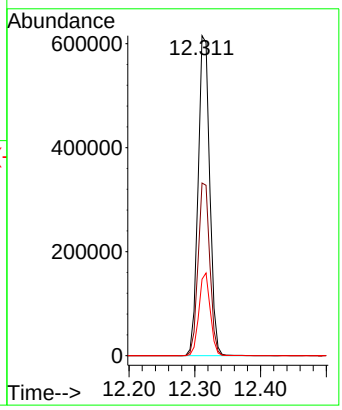




#89
n-Butylbenzene
Concen: 104.138 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 91 Resp: 75723

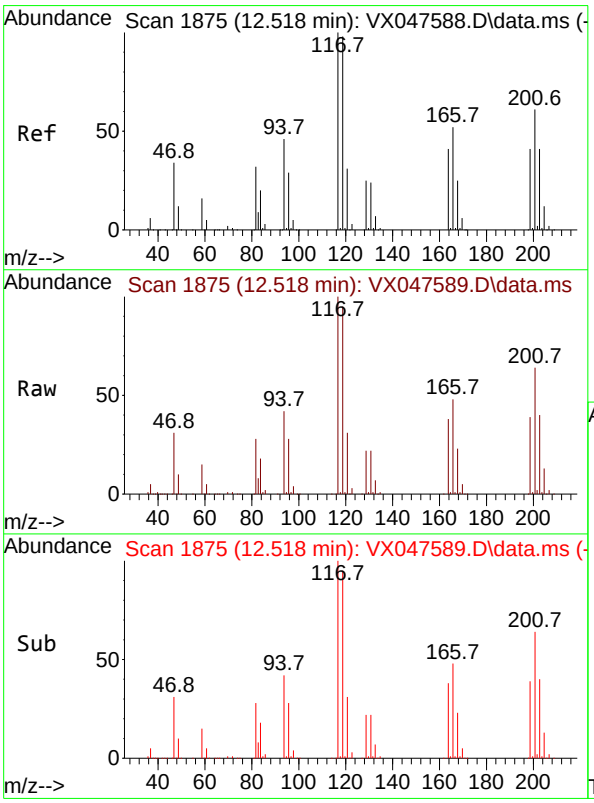
Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.6	82.7
134	25.1	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

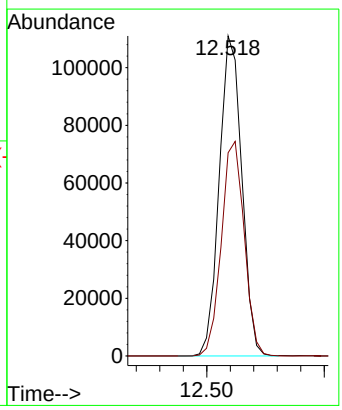
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

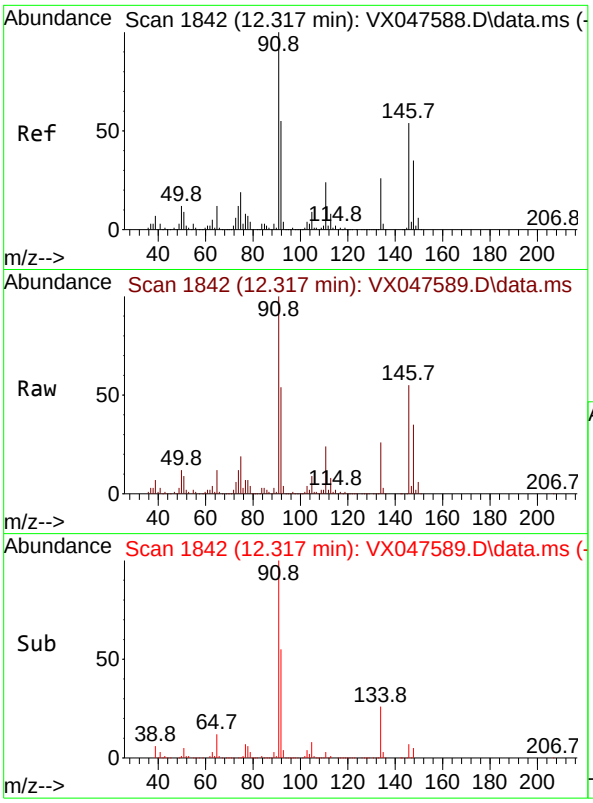


#90
Hexachloroethane
Concen: 107.304 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:117 Resp: 148048

Ion	Ratio	Lower	Upper
117	100		
201	68.1	34.2	102.5

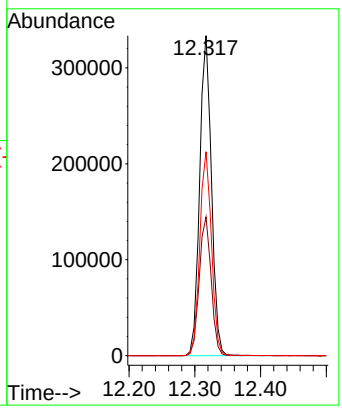




#91
1,2-Dichlorobenzene
Concen: 102.352 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:146 Resp: 41449

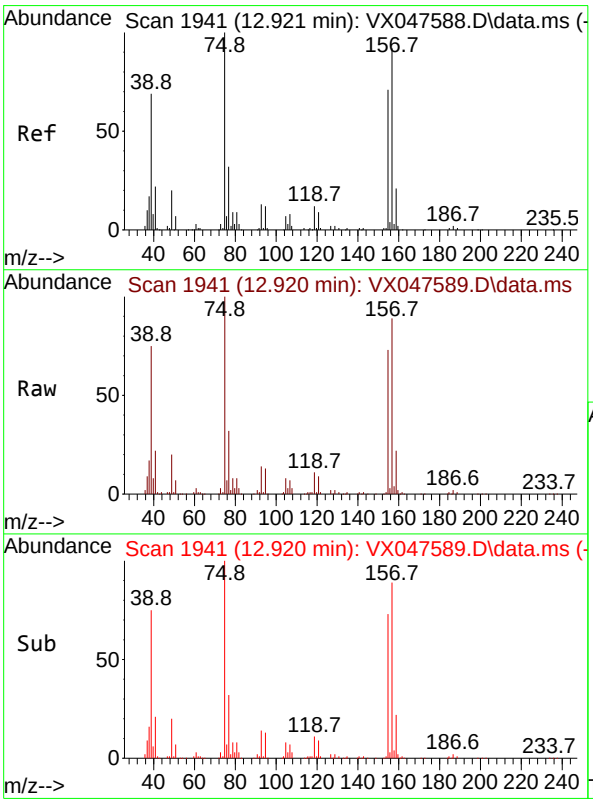
Ion	Ratio	Lower	Upper
146	100		
111	43.9	22.2	66.6
148	63.4	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

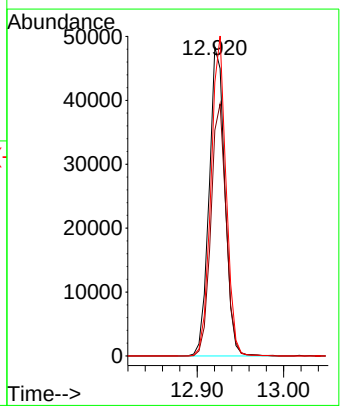
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

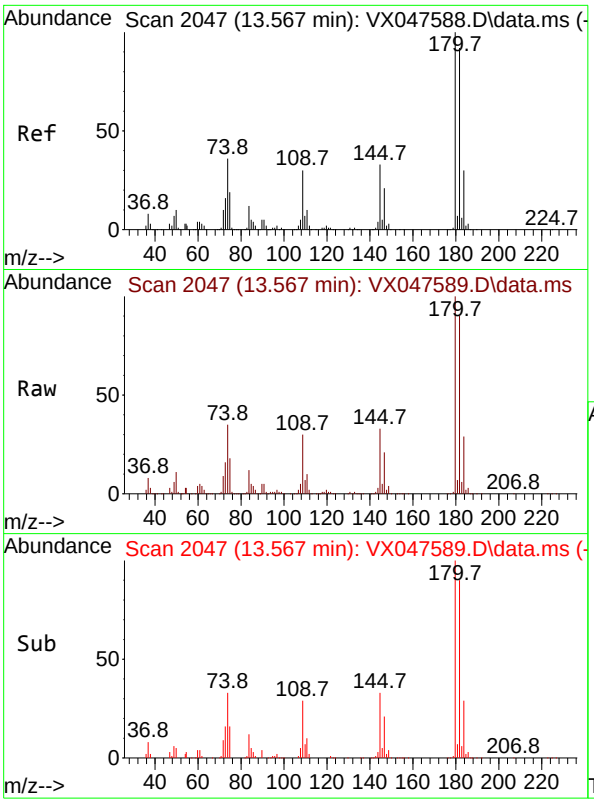


#92
1,2-Dibromo-3-Chloropropane
Concen: 107.225 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 75 Resp: 61029

Ion	Ratio	Lower	Upper
75	100		
155	79.0	37.7	113.1
157	99.2	49.8	149.4

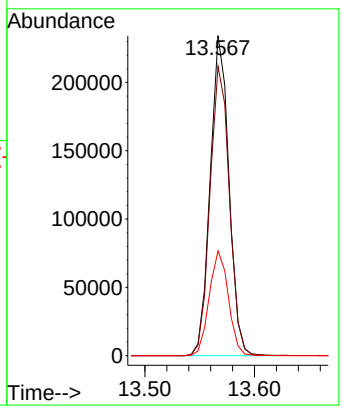




#93
1,2,4-Trichlorobenzene
Concen: 105.922 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:180 Resp: 27877

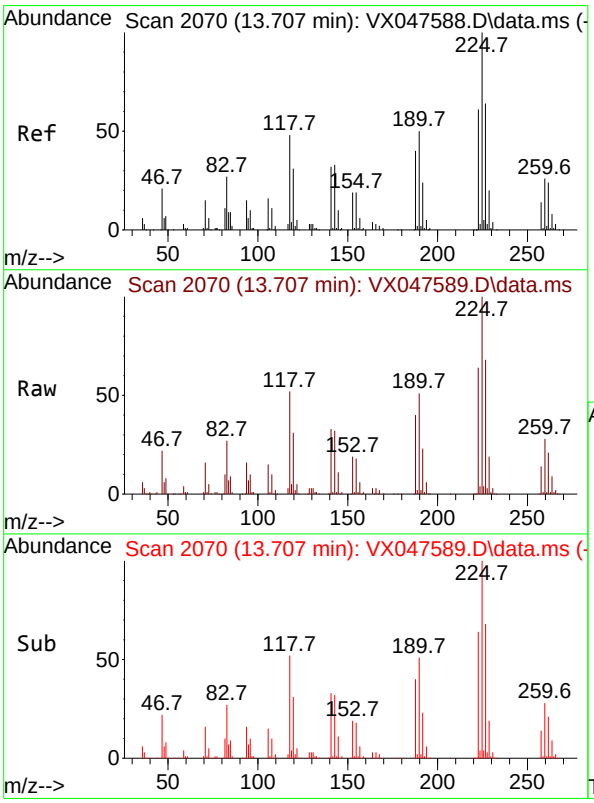
Ion	Ratio	Lower	Upper
180	100		
182	93.2	46.6	139.8
145	33.3	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

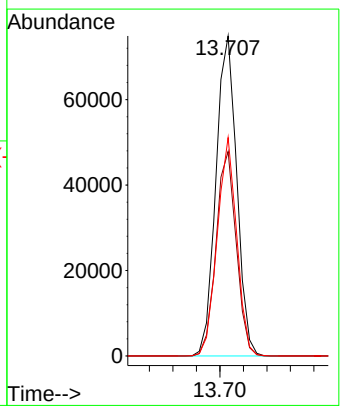
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

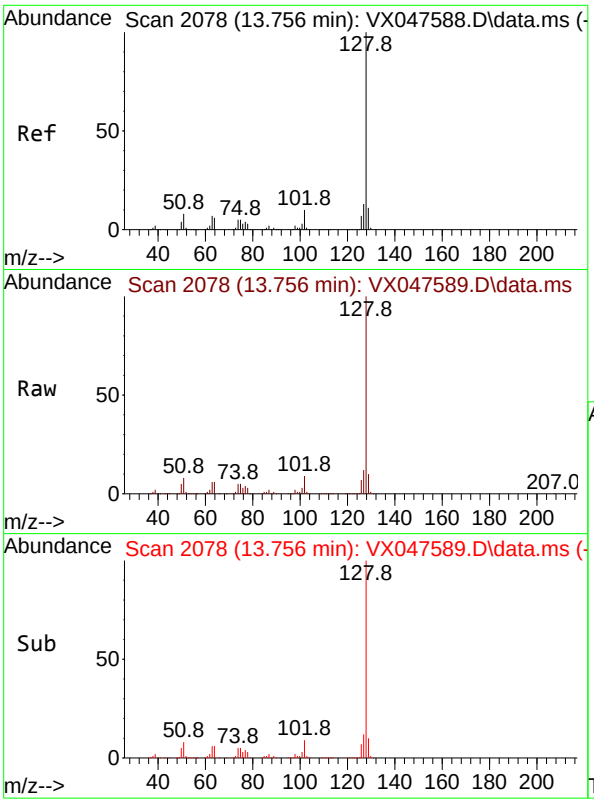


#94
Hexachlorobutadiene
Concen: 103.049 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:225 Resp: 92124

Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.7	95.1
227	63.8	32.0	96.0

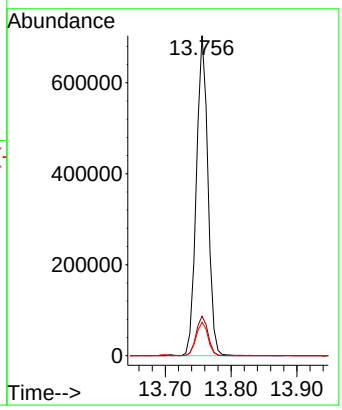




#95
Naphthalene
Concen: 106.620 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:128 Resp: 85449

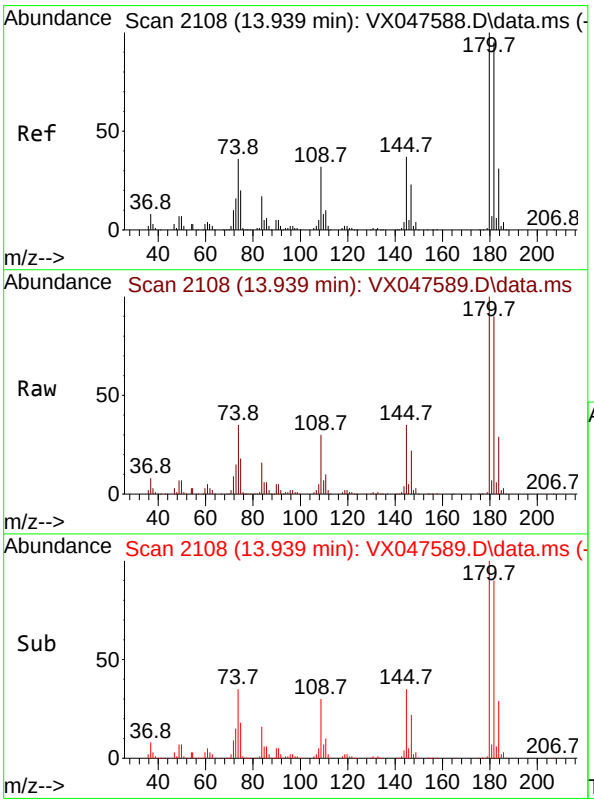
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.8	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

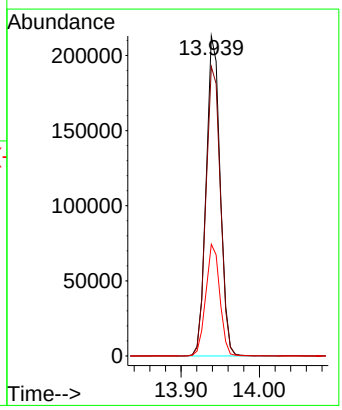
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 107.633 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:180 Resp: 263512

Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.6	142.8
145	35.0	17.9	53.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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

Quant Time: Sep 17 06:16:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	153177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	274804	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	241818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	114743	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	396627	162.673	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 325.340%#			
35) Dibromofluoromethane	5.373	113	303728	164.802	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 329.600%#			
50) Toluene-d8	8.635	98	1041079	163.253	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 326.500%#			
62) 4-Bromofluorobenzene	11.067	95	399386	165.020	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 330.040%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	226166	142.586	ug/l	99
3) Chloromethane	1.301	50	297259	142.593	ug/l	99
4) Vinyl Chloride	1.380	62	302303	148.140	ug/l	98
5) Bromomethane	1.605	94	147541	114.019	ug/l	98
6) Chloroethane	1.691	64	195927	143.652	ug/l	99
7) Trichlorofluoromethane	1.892	101	453116	149.545	ug/l	99
8) Diethyl Ether	2.136	74	188006	151.684	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	267995	151.264	ug/l	99
10) Methyl Iodide	2.453	142	407242	147.384	ug/l	99
11) Tert butyl alcohol	2.959	59	215927	795.166	ug/l	100
12) 1,1-Dichloroethene	2.325	96	273692	150.388	ug/l	97
13) Acrolein	2.239	56	223763	894.203	ug/l	98
14) Allyl chloride	2.666	41	554779	147.727	ug/l	99
15) Acrylonitrile	3.063	53	790790	786.201	ug/l	99
16) Acetone	2.380	43	686119	647.201	ug/l	98
17) Carbon Disulfide	2.514	76	714503	143.412	ug/l	99
18) Methyl Acetate	2.703	43	404736	171.548	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	1015295	152.826	ug/l	100
20) Methylene Chloride	2.788	84	324032	144.398	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	291616	148.833	ug/l	98
22) Diisopropyl ether	3.757	45	1095726	150.551	ug/l	97
23) Vinyl Acetate	3.715	43	4504849	773.364	ug/l	100
24) 1,1-Dichloroethane	3.605	63	587129	151.776	ug/l	98
25) 2-Butanone	4.544	43	973938	736.502	ug/l	99
26) 2,2-Dichloropropane	4.471	77	486890	151.414	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	366262	152.638	ug/l	99
28) Bromochloromethane	4.885	49	289548	171.451	ug/l	99
29) Tetrahydrofuran	4.989	42	616374	774.811	ug/l	100
30) Chloroform	5.080	83	591709	151.367	ug/l	99
31) Cyclohexane	5.458	56	456119	141.570	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	506654	152.802	ug/l	99
36) 1,1-Dichloropropene	5.684	75	386601	143.556	ug/l	99
37) Ethyl Acetate	4.702	43	444461	154.141	ug/l	99
38) Carbon Tetrachloride	5.666	117	427263	146.021	ug/l	98
39) Methylcyclohexane	7.367	83	456694	149.395	ug/l	98
40) Benzene	6.025	78	1202846	147.057	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 17 06:16:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.904	41	223218	149.951 ug/l	99
42) 1,2-Dichloroethane	6.074	62	455978	146.515 ug/l	99
43) Isopropyl Acetate	6.324	43	724888	153.283 ug/l	99
44) Trichloroethene	7.111	130	299673	151.542 ug/l	96
45) 1,2-Dichloropropane	7.415	63	316720	151.219 ug/l	99
46) Dibromomethane	7.568	93	228550	149.954 ug/l	97
47) Bromodichloromethane	7.806	83	483438	153.710 ug/l	98
48) Methyl methacrylate	7.678	41	367931	156.194 ug/l	99
49) 1,4-Dioxane	7.647	88	82739	3475.565 ug/l	98
51) 4-Methyl-2-Pentanone	8.562	43	2008063	765.849 ug/l	100
52) Toluene	8.702	92	739332	146.712 ug/l	99
53) t-1,3-Dichloropropene	8.964	75	503912	157.076 ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	530566	154.732 ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	289103	148.781 ug/l	99
56) Ethyl methacrylate	9.104	69	490623	160.773 ug/l	97
57) 1,3-Dichloropropane	9.293	76	502121	150.426 ug/l	98
58) 2-Chloroethyl Vinyl ether	8.232	63	1202206	749.661 ug/l	99
59) 2-Hexanone	9.415	43	1412417	750.035 ug/l	99
60) Dibromochloromethane	9.506	129	347748	155.318 ug/l	98
61) 1,2-Dibromoethane	9.592	107	302715	152.949 ug/l	99
64) Tetrachloroethene	9.263	164	227931	144.590 ug/l	98
65) Chlorobenzene	10.061	112	828239	150.763 ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	291433	153.733 ug/l	98
67) Ethyl Benzene	10.177	91	1431554	151.026 ug/l	99
68) m/p-Xylenes	10.287	106	1059776	300.381 ug/l	99
69) o-Xylene	10.628	106	521840	152.920 ug/l	99
70) Styrene	10.640	104	917532	153.449 ug/l	99
71) Bromoform	10.781	173	229683	162.262 ug/l	99
73) Isopropylbenzene	10.945	105	1321409	151.477 ug/l	99
74) N-amyl acetate	10.829	43	636879	160.099 ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	403906	153.035 ug/l	99
76) 1,2,3-Trichloropropane	11.226	75	366171m	153.692 ug/l	
77) Bromobenzene	11.183	156	328336	152.818 ug/l	99
78) n-propylbenzene	11.287	91	1550316	150.337 ug/l	99
79) 2-Chlorotoluene	11.348	91	939707	148.781 ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	1091593	152.306 ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	145921	160.176 ug/l	97
82) 4-Chlorotoluene	11.439	91	1127233	151.112 ug/l	100
83) tert-Butylbenzene	11.701	119	1106532	150.819 ug/l	99
84) 1,2,4-Trimethylbenzene	11.738	105	1106914	152.336 ug/l	100
85) sec-Butylbenzene	11.872	105	1319819	151.448 ug/l	99
86) p-Isopropyltoluene	11.994	119	1103210	149.530 ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	605123	151.633 ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	613617	149.814 ug/l	99
89) n-Butylbenzene	12.317	91	1032357	151.222 ug/l	100
90) Hexachloroethane	12.518	117	211472	163.258 ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	582565	153.227 ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	89415	167.332 ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	387652	156.884 ug/l	98
94) Hexachlorobutadiene	13.707	225	121791	145.110 ug/l	99
95) Naphthalene	13.756	128	1229363	163.388 ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	369382	160.704 ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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

Quant Time: Sep 17 06:16:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

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

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

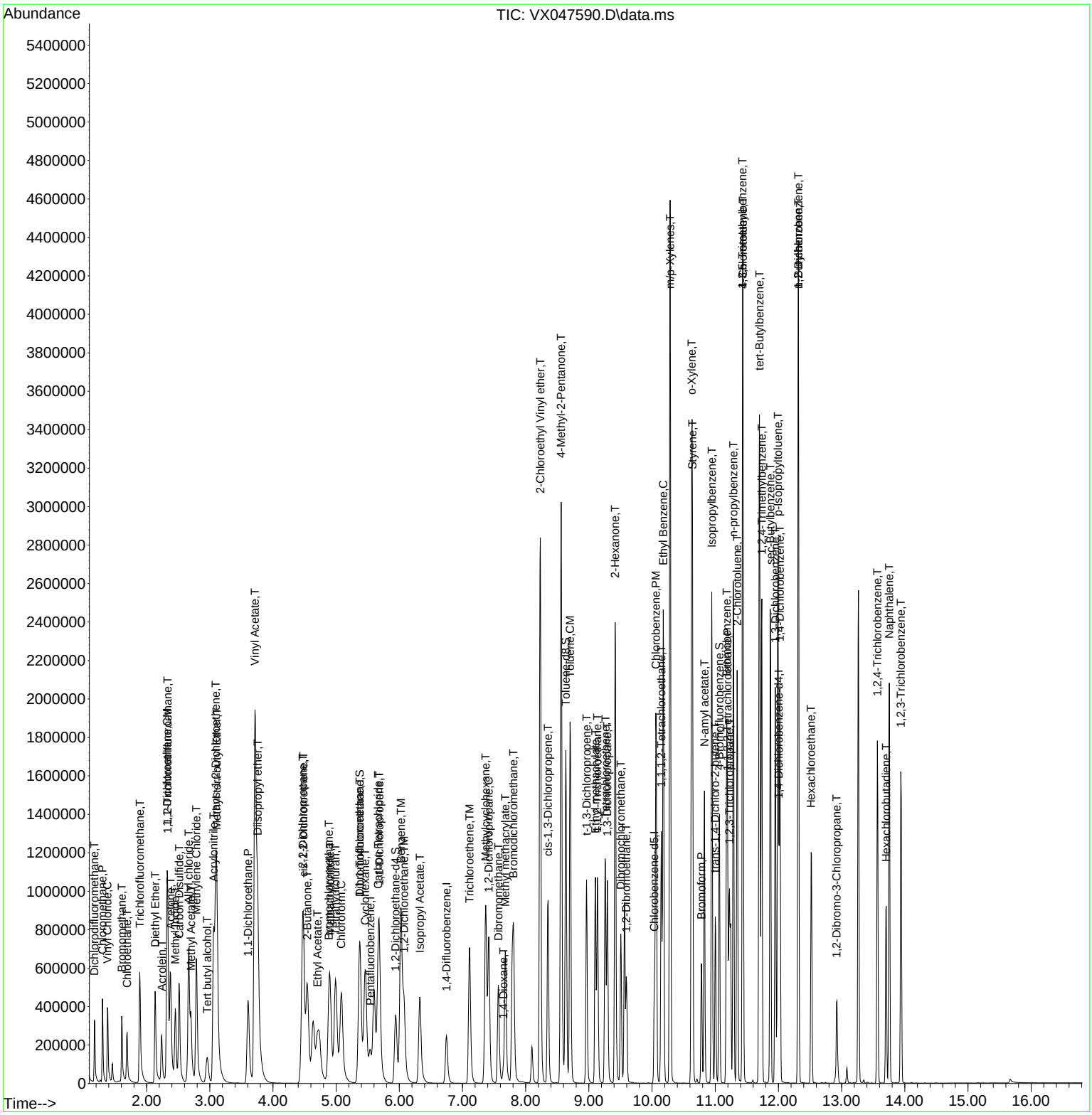
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

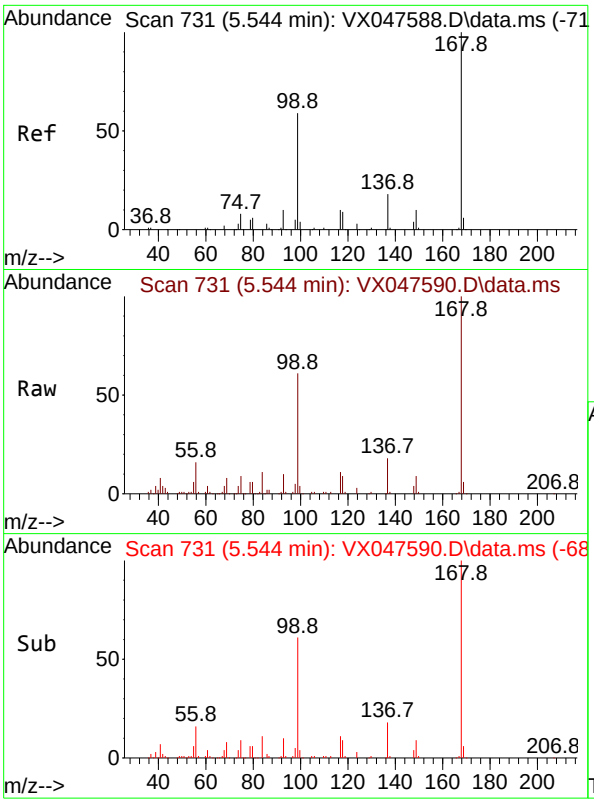
Quant Time: Sep 17 06:16:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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

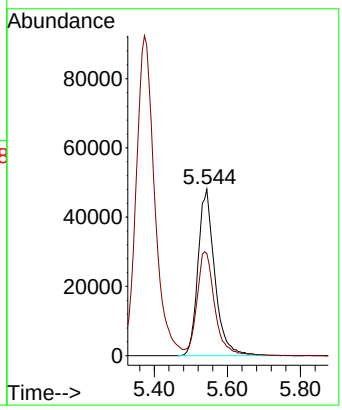




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:168 Resp: 15317

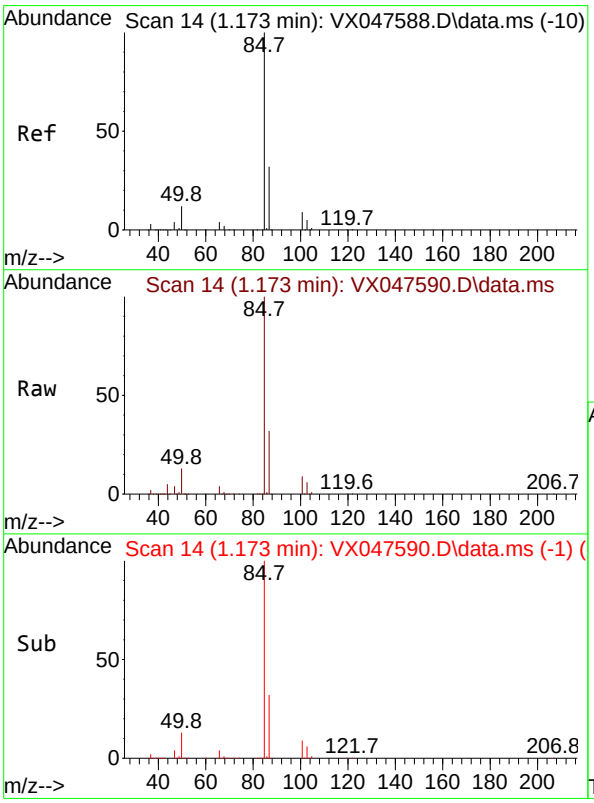
Ion	Ratio	Lower	Upper
168	100		
99	61.1	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

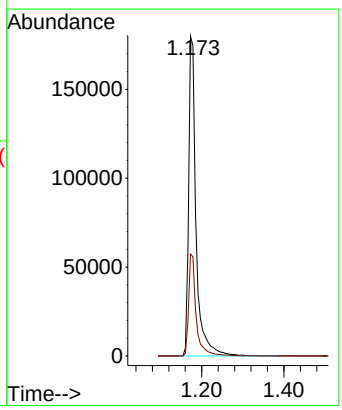
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

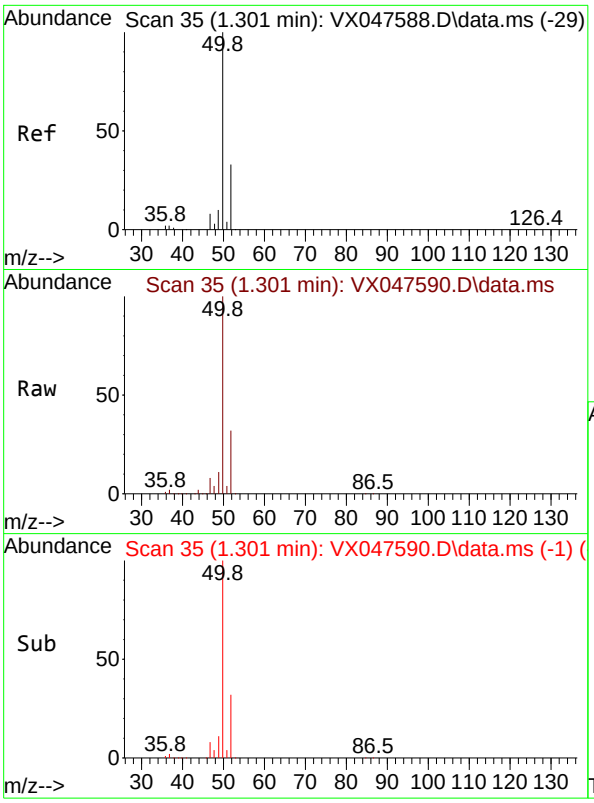


#2
Dichlorodifluoromethane
Concen: 142.586 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 85 Resp: 226166

Ion	Ratio	Lower	Upper
85	100		
87	31.8	15.8	47.3

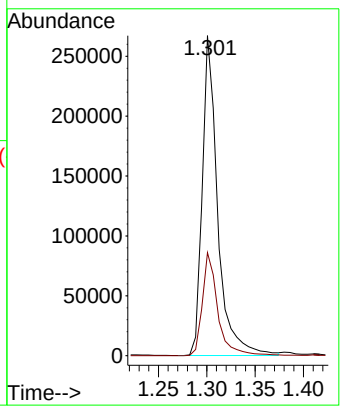




#3
Chloromethane
Concen: 142.593 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 50 Resp: 29725

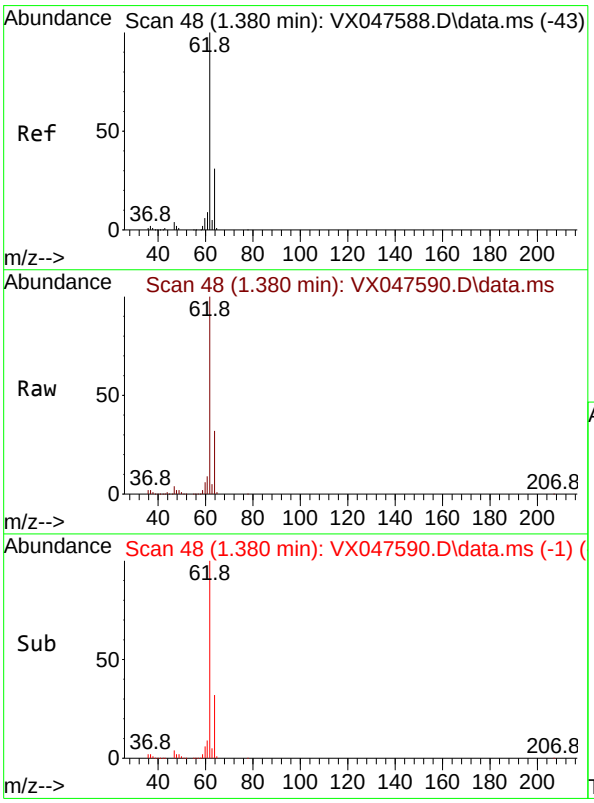
Ion	Ratio	Lower	Upper
50	100		
52	32.2	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

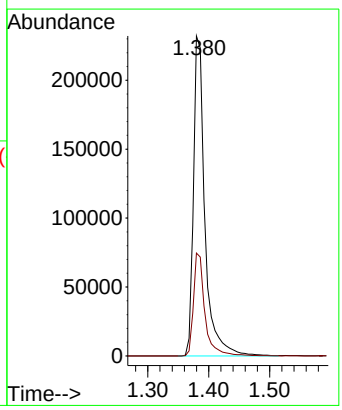
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

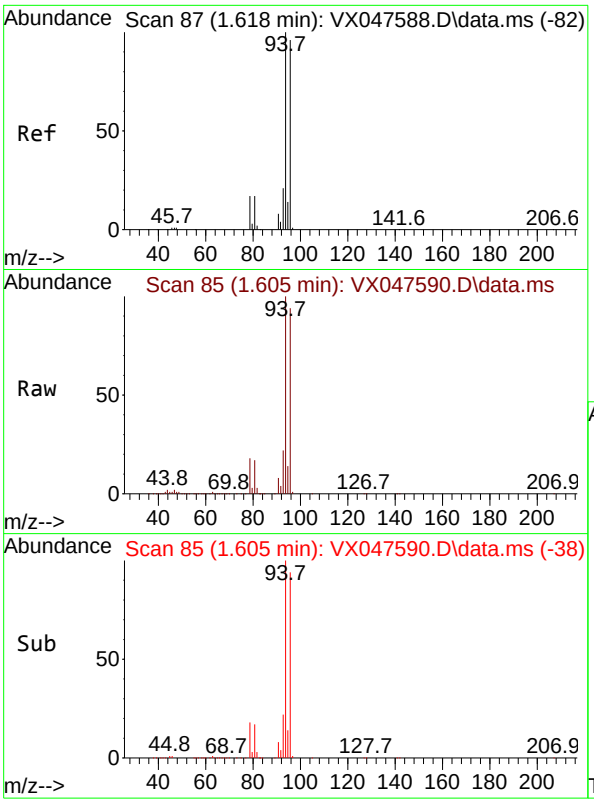


#4
Vinyl Chloride
Concen: 148.140 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 62 Resp: 302303

Ion	Ratio	Lower	Upper
62	100		
64	32.1	24.9	37.3

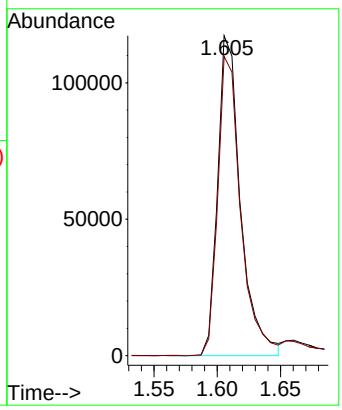




#5
Bromomethane
Concen: 114.019 ug/l
RT: 1.605 min Scan# 8
Delta R.T. -0.012 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 94 Resp: 14754

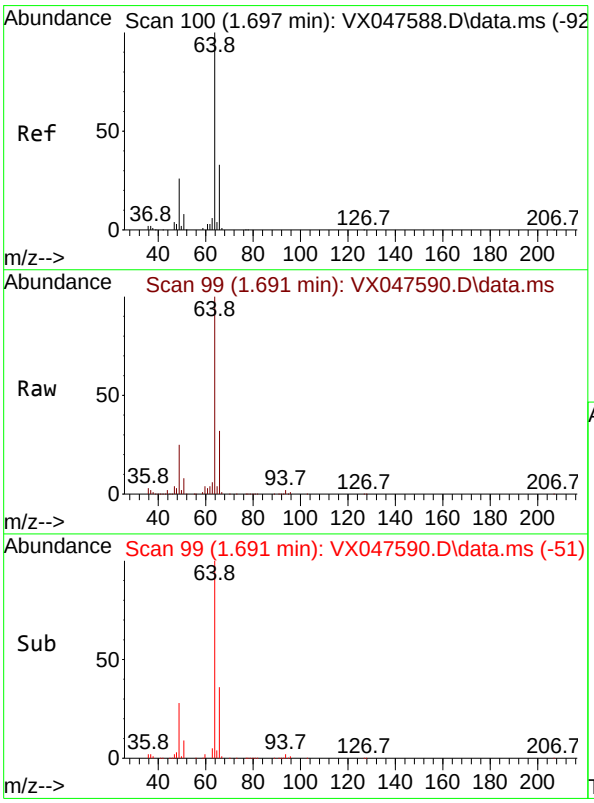
Ion	Ratio	Lower	Upper
94	100		
96	93.4	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

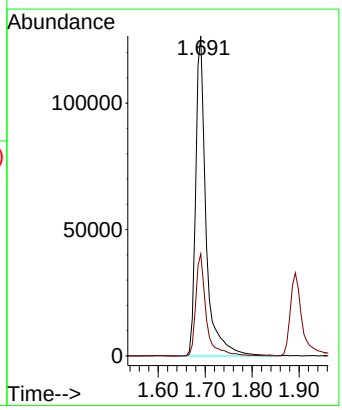
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

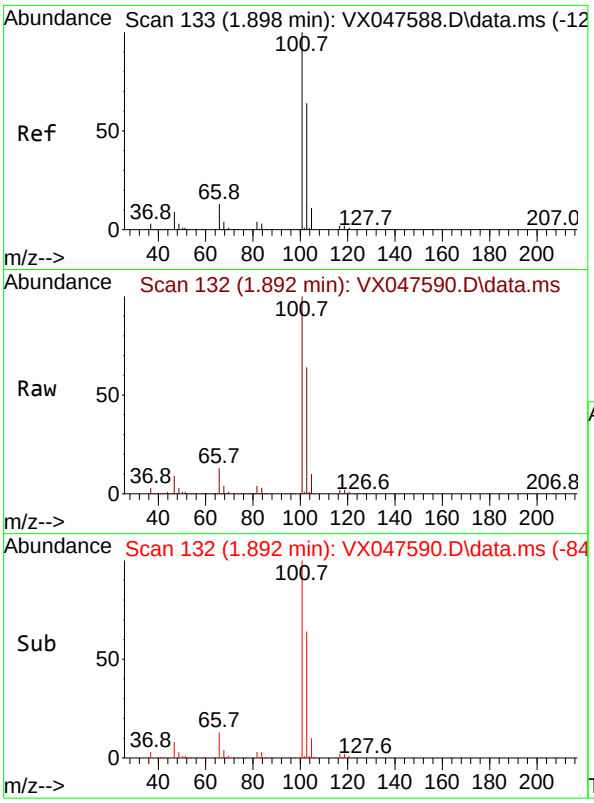


#6
Chloroethane
Concen: 143.652 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 64 Resp: 195927

Ion	Ratio	Lower	Upper
64	100		
66	31.9	26.1	39.1

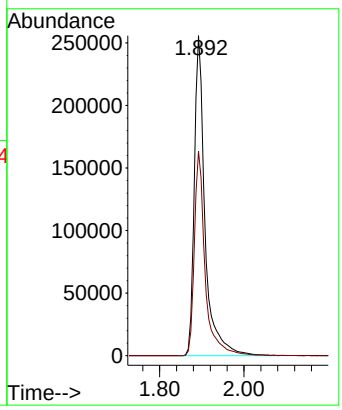




#7
Trichlorofluoromethane
Concen: 149.545 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:101 Resp: 45311

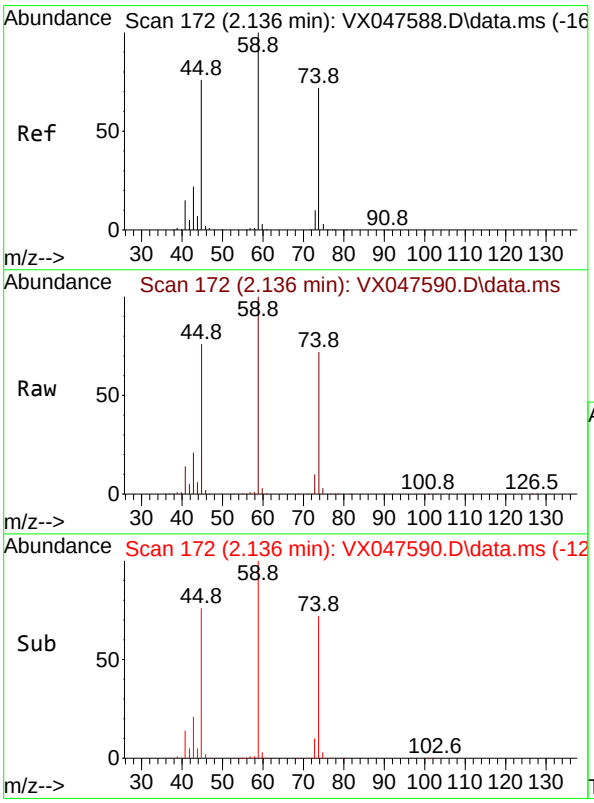
Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

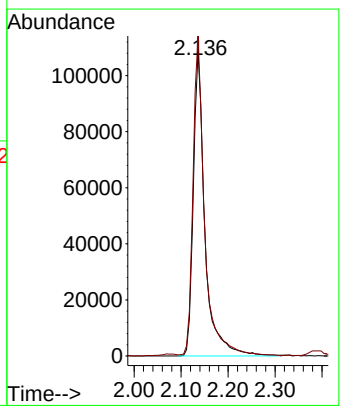
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

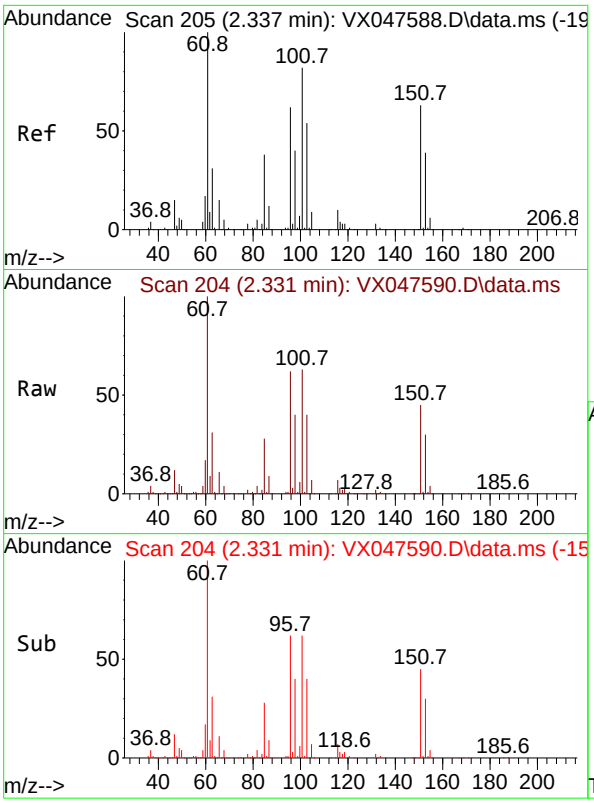


#8
Diethyl Ether
Concen: 151.684 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 74 Resp: 188006

Ion	Ratio	Lower	Upper
74	100		
45	105.5	52.3	156.8

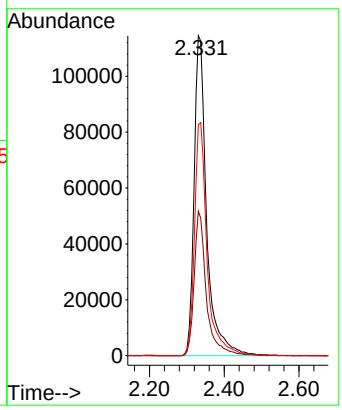




#9
1,1,2-Trichlorotrifluoroethane
Concen: 151.264 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:101 Resp: 26799

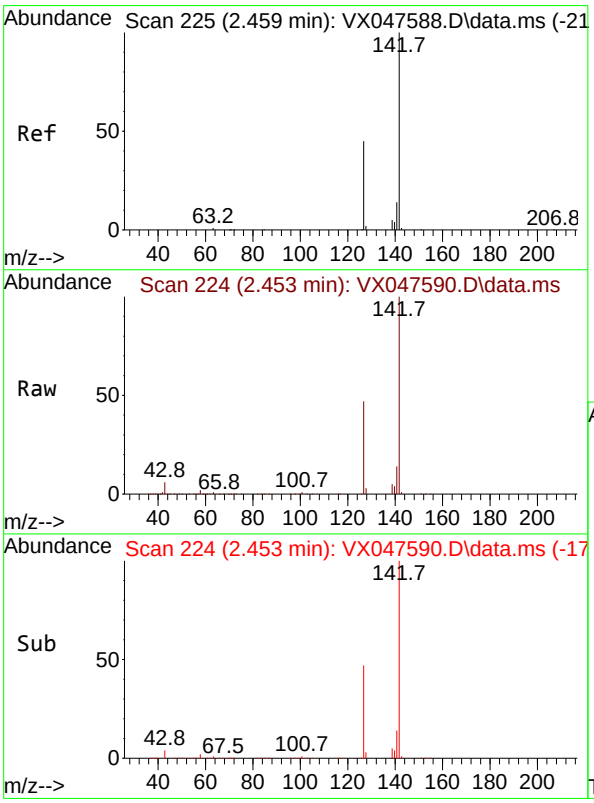
Ion	Ratio	Lower	Upper
101	100		
85	43.9	35.5	53.3
151	73.2	59.4	89.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

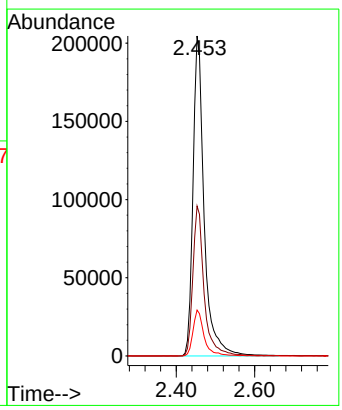
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

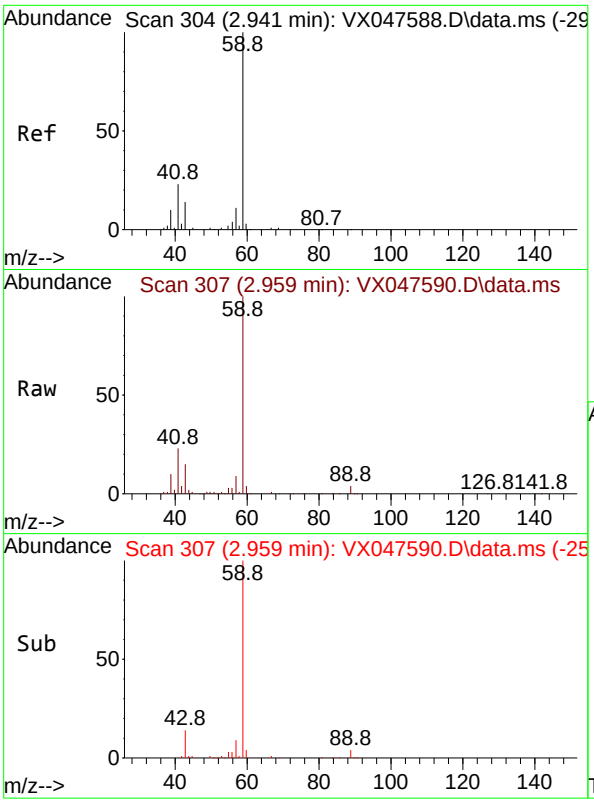


#10
Methyl Iodide
Concen: 147.384 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:142 Resp: 407242

Ion	Ratio	Lower	Upper
142	100		
127	47.3	37.2	55.8
141	14.3	11.4	17.0

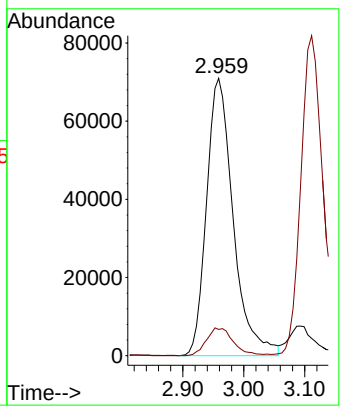




#11
Tert butyl alcohol
Concen: 795.166 ug/l
RT: 2.959 min Scan# 3
Delta R.T. 0.018 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 59 Resp: 21592

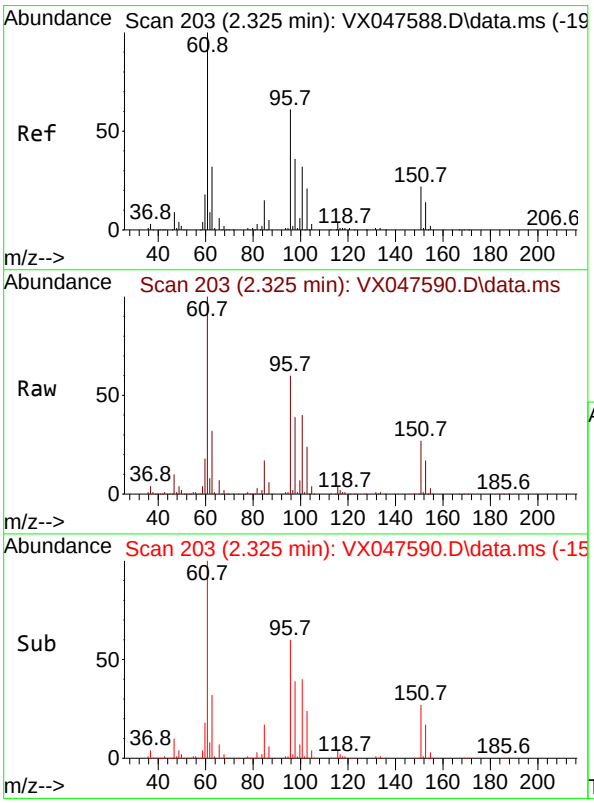
Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

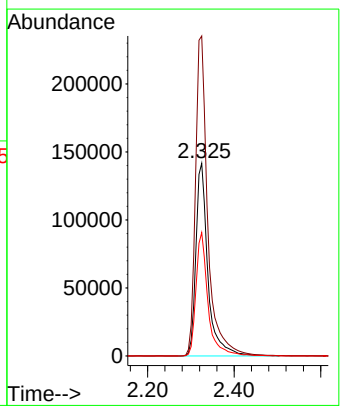
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

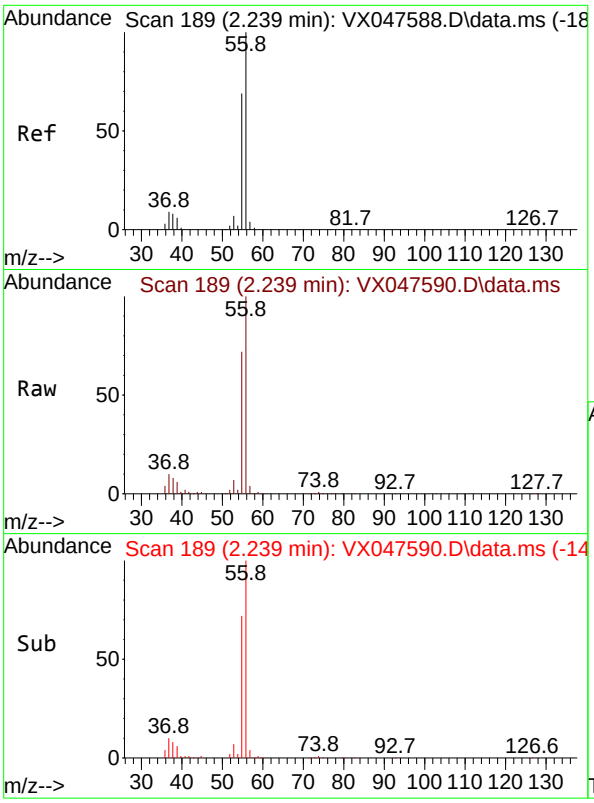


#12
1,1-Dichloroethene
Concen: 150.388 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 96 Resp: 273692

Ion	Ratio	Lower	Upper
96	100		
61	166.1	131.0	196.6
98	64.0	47.7	71.5

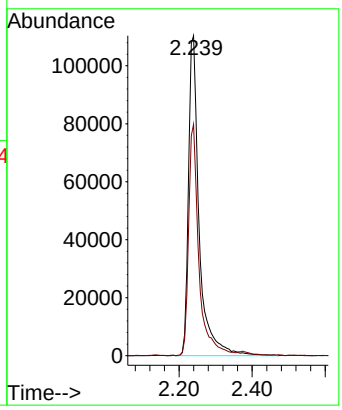




#13
Acrolein
Concen: 894.203 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 56 Resp: 22376

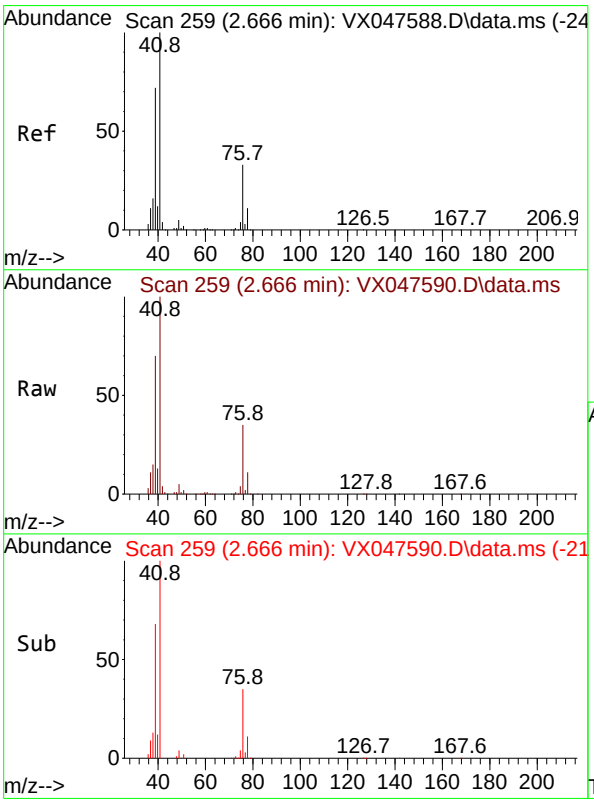
Ion	Ratio	Lower	Upper
56	100		
55	69.6	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

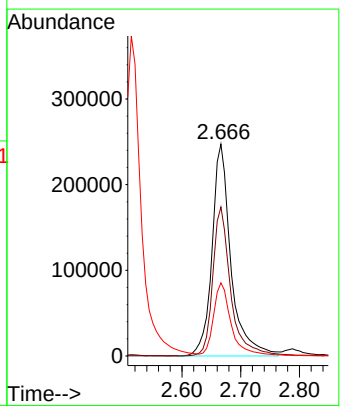
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

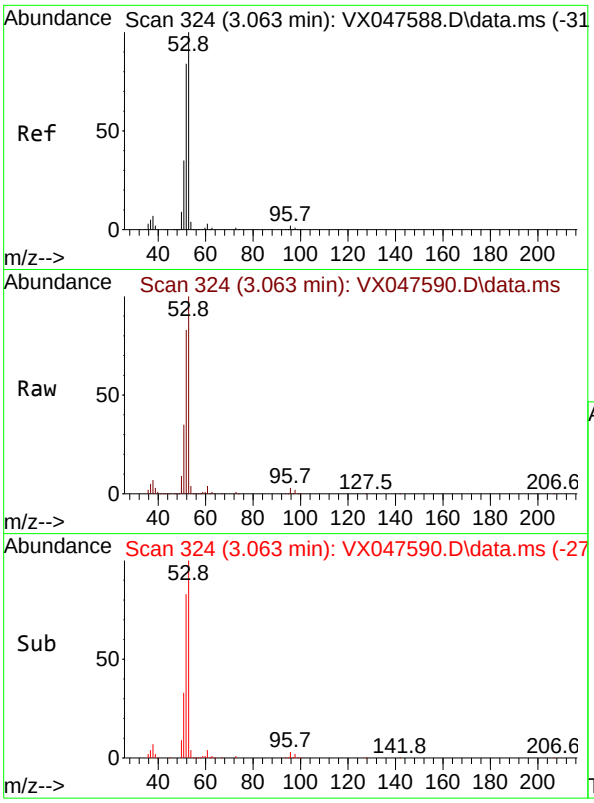


#14
Allyl chloride
Concen: 147.727 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 41 Resp: 554779

Ion	Ratio	Lower	Upper
41	100		
39	67.3	54.7	82.1
76	32.4	25.7	38.5





#15
Acrylonitrile
Concen: 786.201 ug/l
RT: 3.063 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

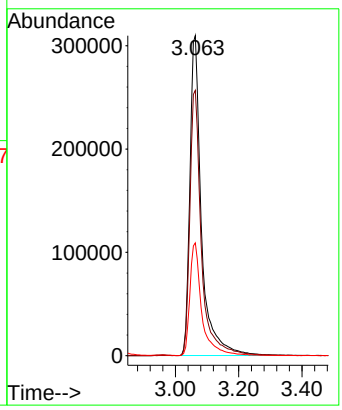
Tgt Ion: 53 Resp: 79079

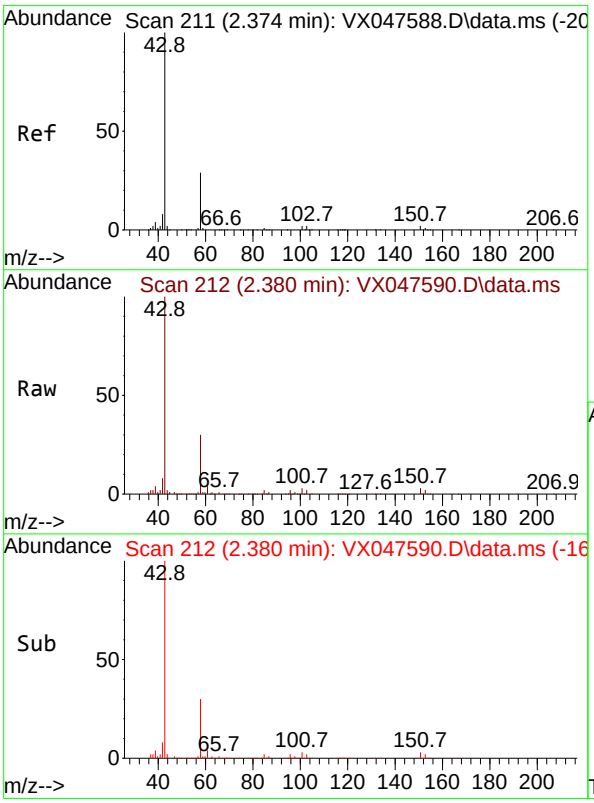
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.4	99.6
51	36.1	29.5	44.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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

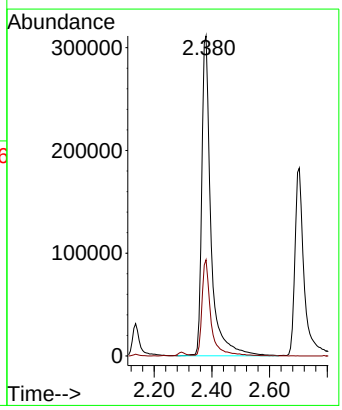


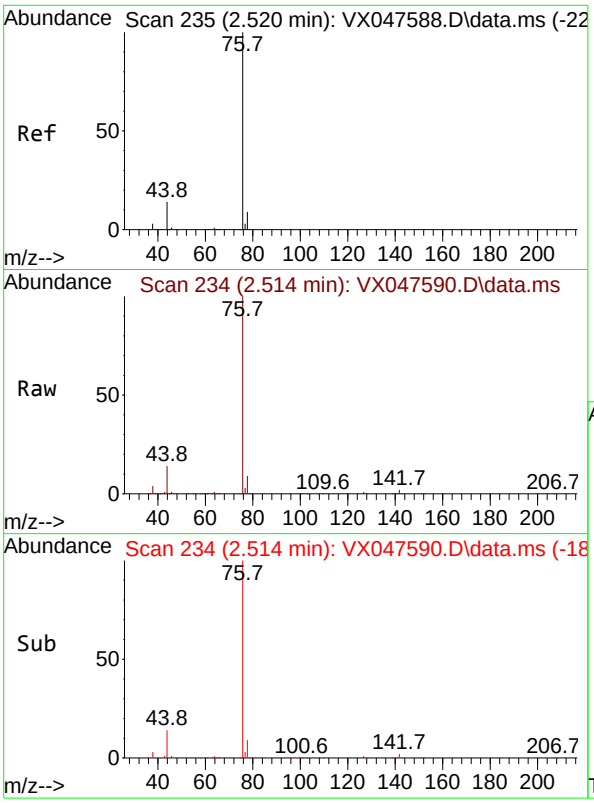


#16
Acetone
Concen: 647.201 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 686119

Ion	Ratio	Lower	Upper
43	100		
58	30.0	23.4	35.0

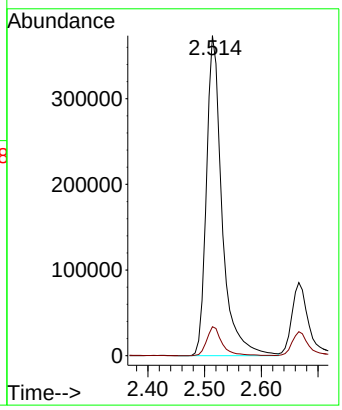




#17
Carbon Disulfide
Concen: 143.412 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 76 Resp: 71450

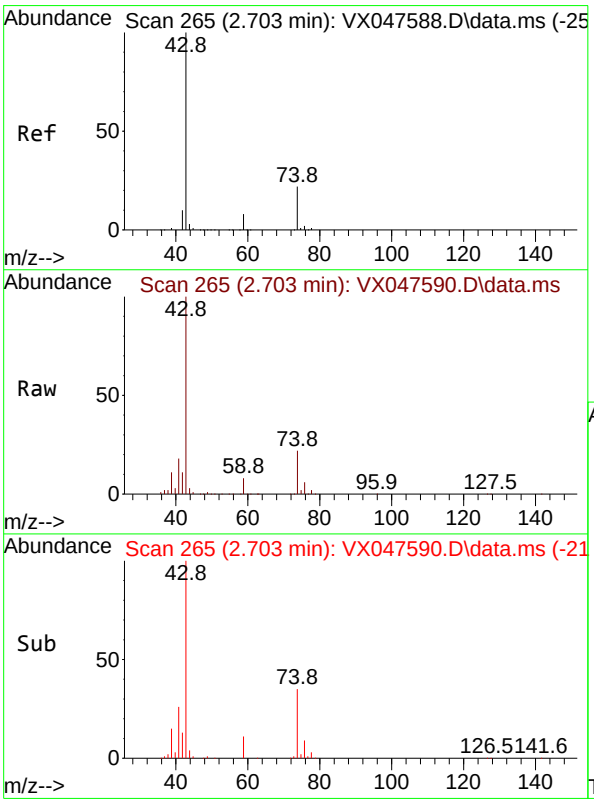
Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.8	10.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

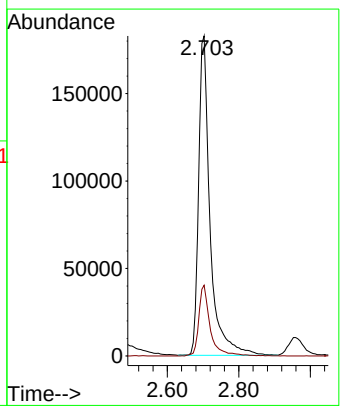
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

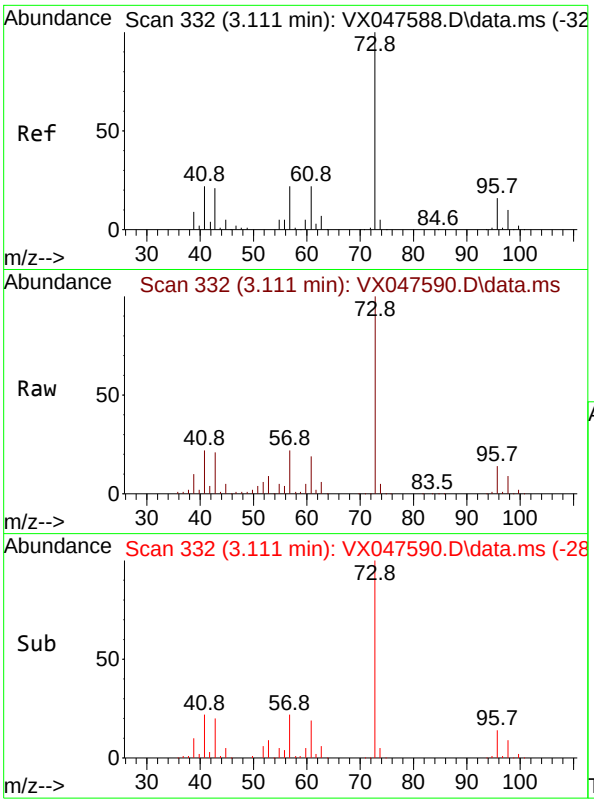


#18
Methyl Acetate
Concen: 171.548 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 404736

Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.4	26.2

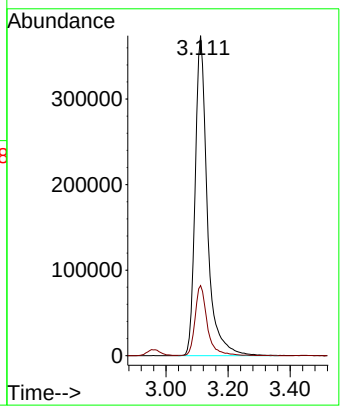




#19
Methyl tert-butyl Ether
Concen: 152.826 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 73 Resp: 101529

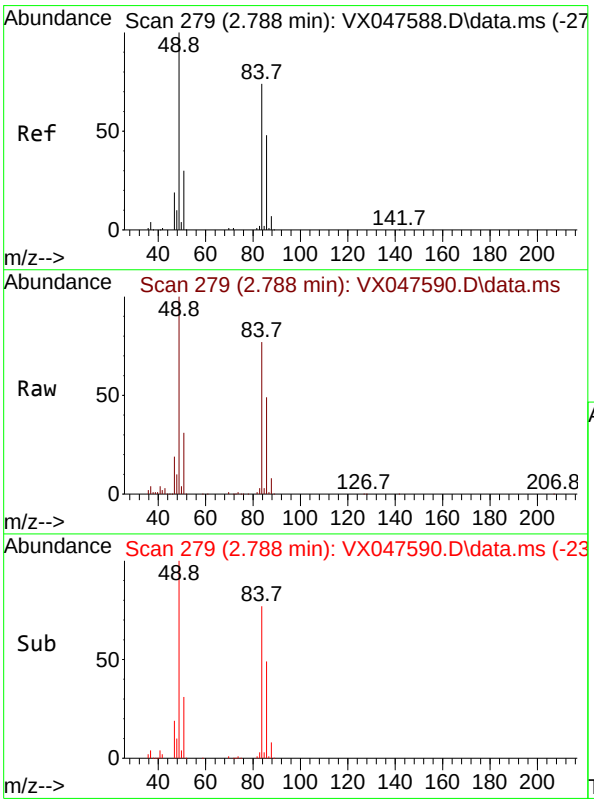
Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

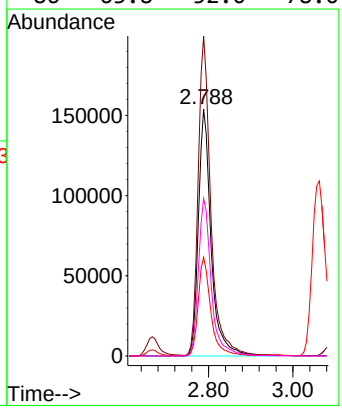
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

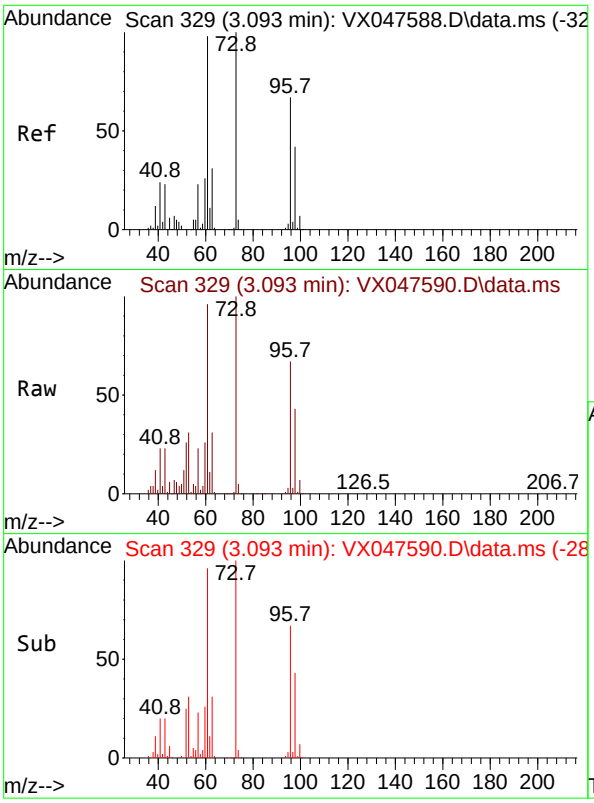


#20
Methylene Chloride
Concen: 144.398 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 84 Resp: 324032

Ion	Ratio	Lower	Upper
84	100		
49	129.4	108.6	162.8
51	39.9	32.6	48.8
86	63.8	52.0	78.0

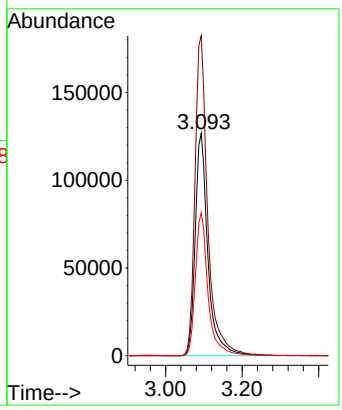




#21
trans-1,2-Dichloroethene
Concen: 148.833 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 96 Resp: 29161

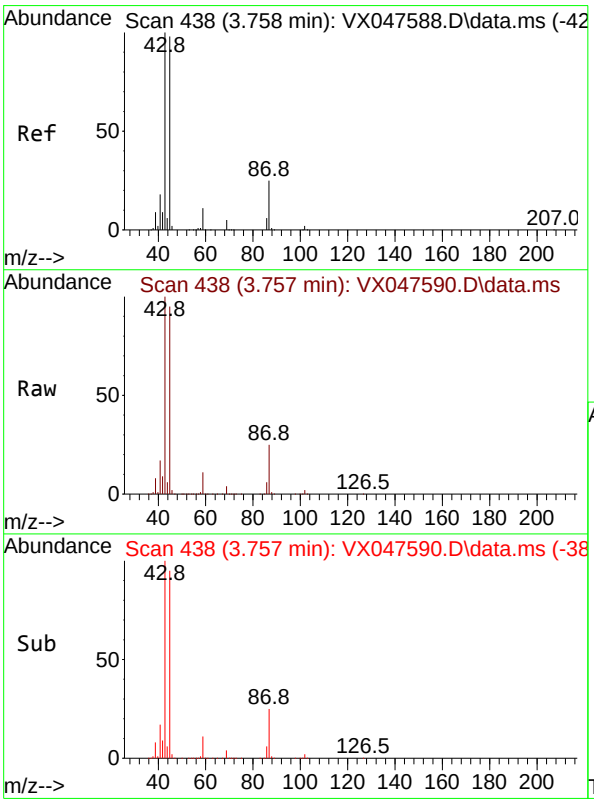
Ion	Ratio	Lower	Upper
96	100		
61	144.0	116.2	174.2
98	64.3	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

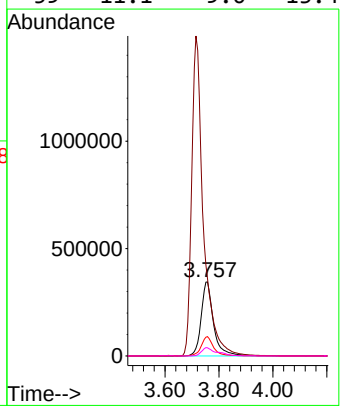
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

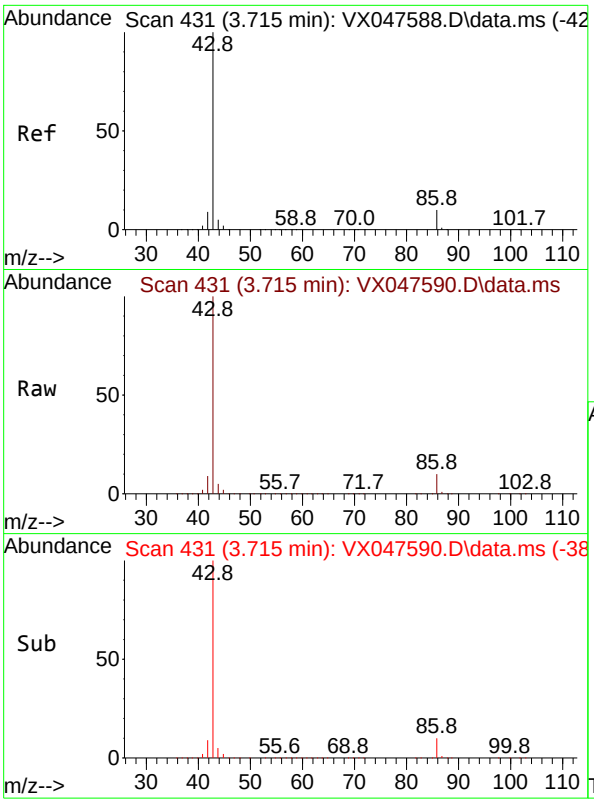


#22
Diisopropyl ether
Concen: 150.551 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 45 Resp: 1095726

Ion	Ratio	Lower	Upper
45	100		
43	104.7	81.0	121.4
87	26.2	20.3	30.5
59	11.1	9.0	13.4

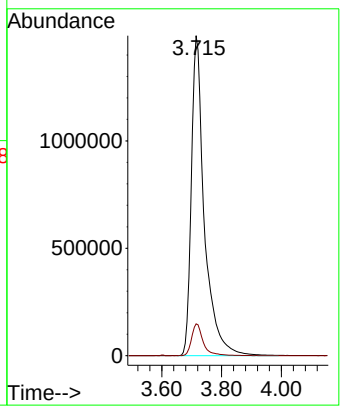




#23
Vinyl Acetate
Concen: 773.364 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 450484

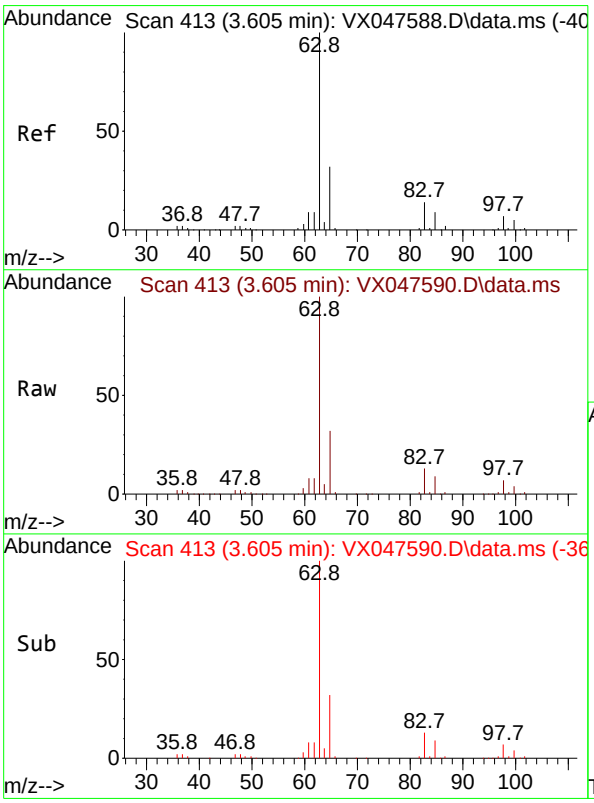
Ion	Ratio	Lower	Upper
43	100		
86	10.0	7.8	11.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

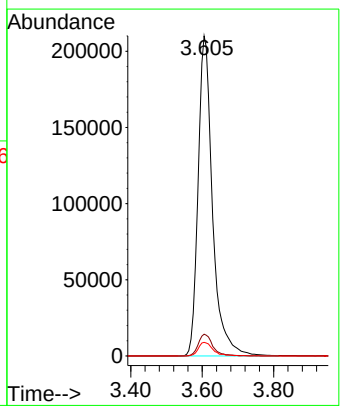
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

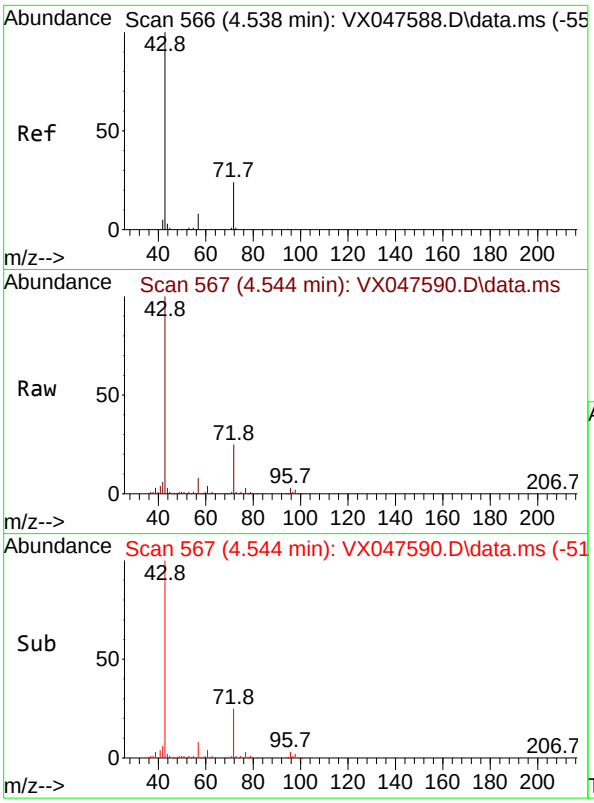


#24
1,1-Dichloroethane
Concen: 151.776 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 63 Resp: 587129

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.8	11.2
100	4.3	2.3	6.9

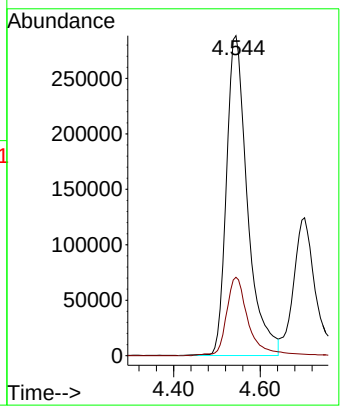




#25
2-Butanone
Concen: 736.502 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 97393

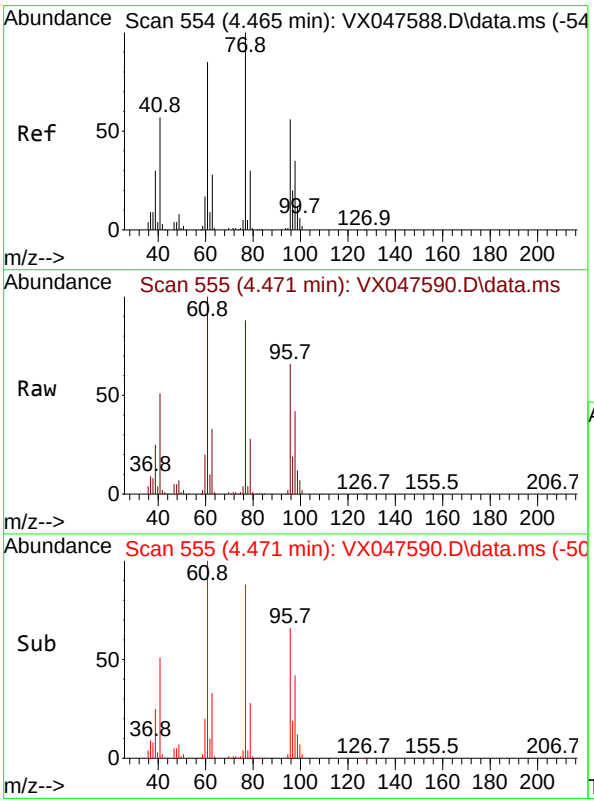
Ion	Ratio	Lower	Upper
43	100		
72	24.6	20.1	30.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

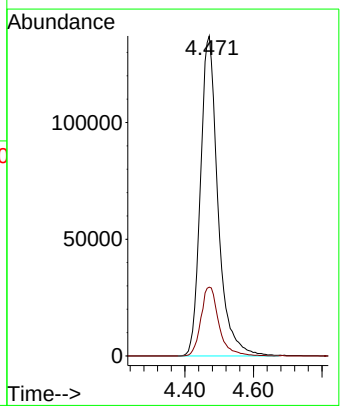
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

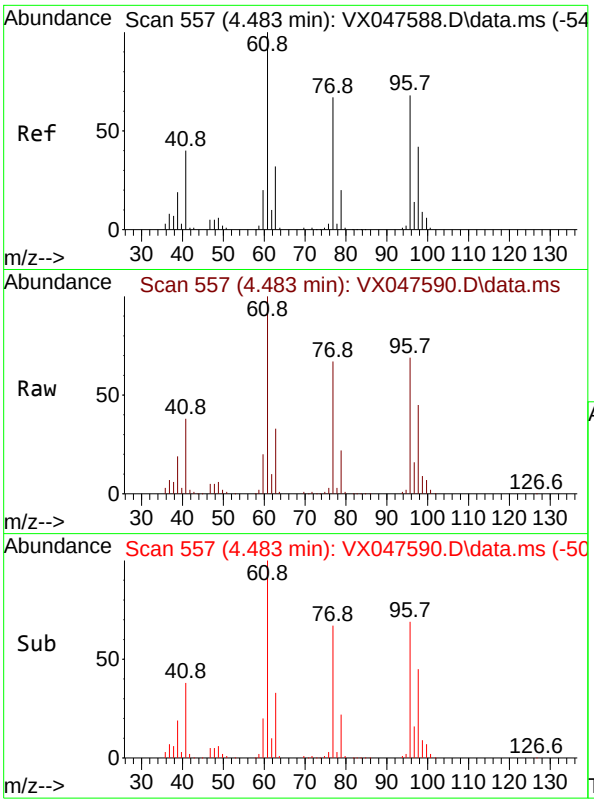


#26
2,2-Dichloropropane
Concen: 151.414 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 77 Resp: 486890

Ion	Ratio	Lower	Upper
77	100		
97	22.1	10.9	32.7

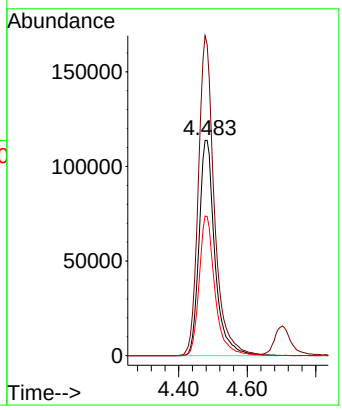




#27
cis-1,2-Dichloroethene
Concen: 152.638 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 96 Resp: 36626

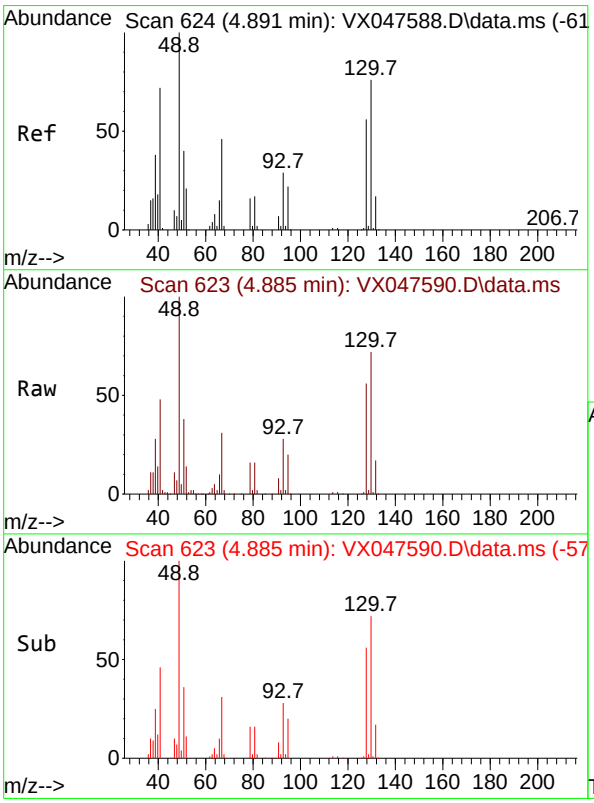
Ion	Ratio	Lower	Upper
96	100		
61	149.8	0.0	303.2
98	64.6	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

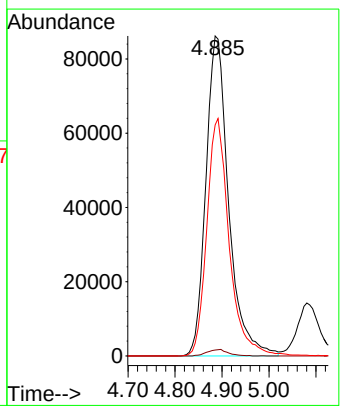
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

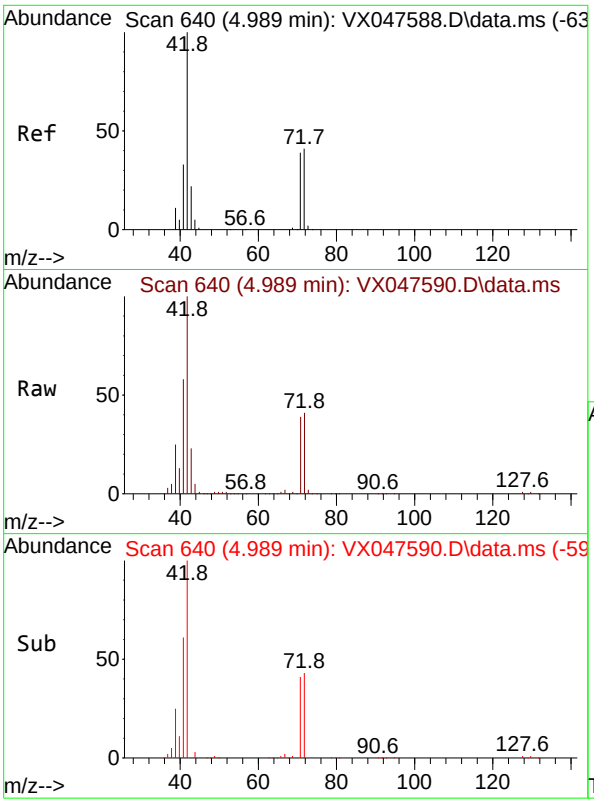


#28
Bromochloromethane
Concen: 171.451 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 49 Resp: 289548

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.2
130	73.2	57.8	86.8

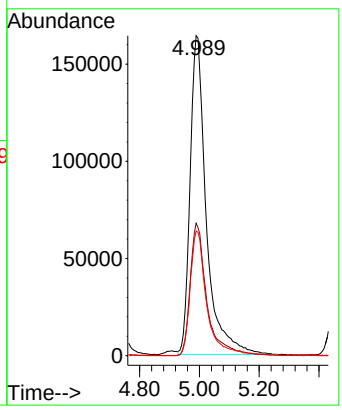




#29
Tetrahydrofuran
Concen: 774.811 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 42 Resp: 61637

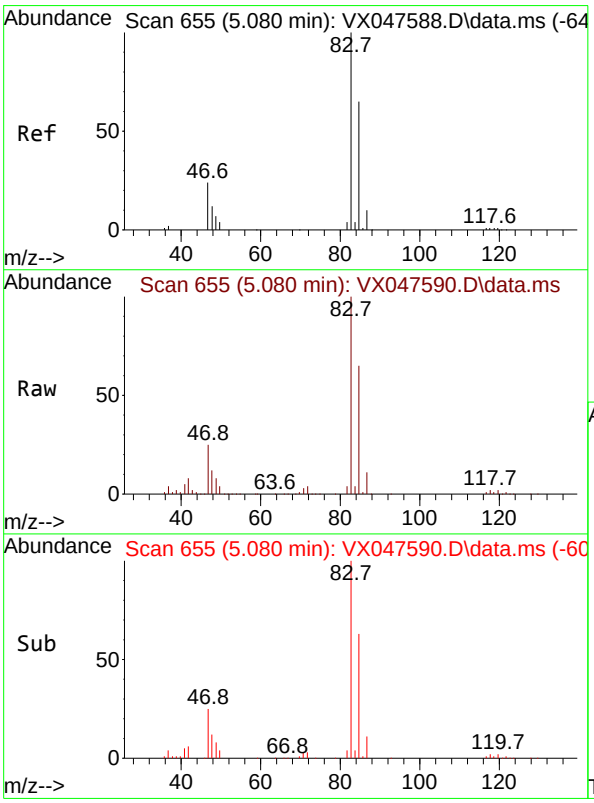
Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.2	51.2
71	39.9	31.9	47.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

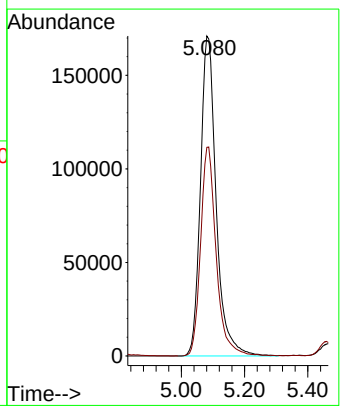
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

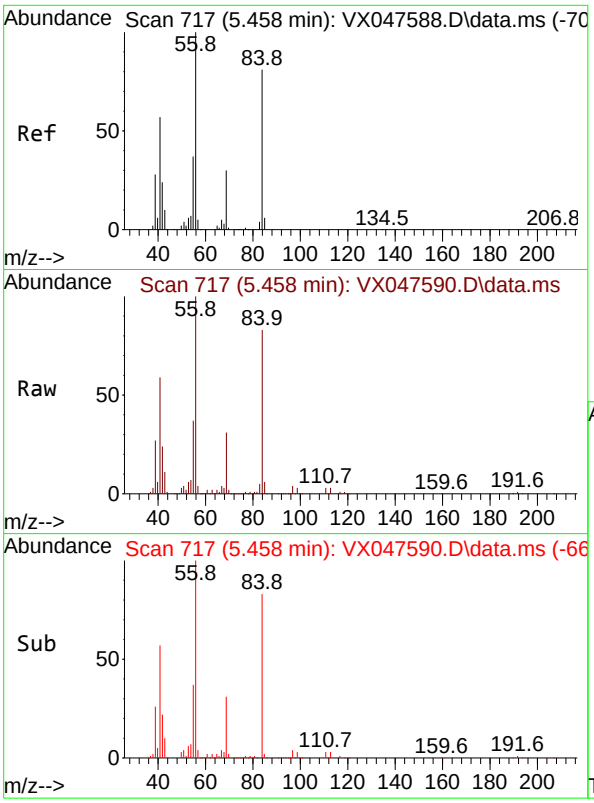


#30
Chloroform
Concen: 151.367 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 83 Resp: 591709

Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.8	77.6

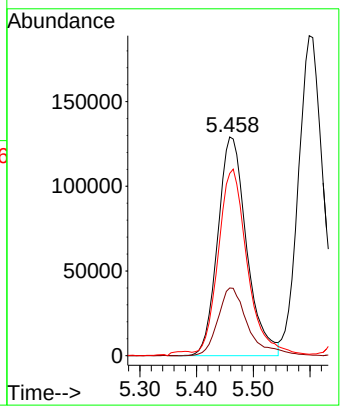




#31
Cyclohexane
Concen: 141.570 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 56 Resp: 45611

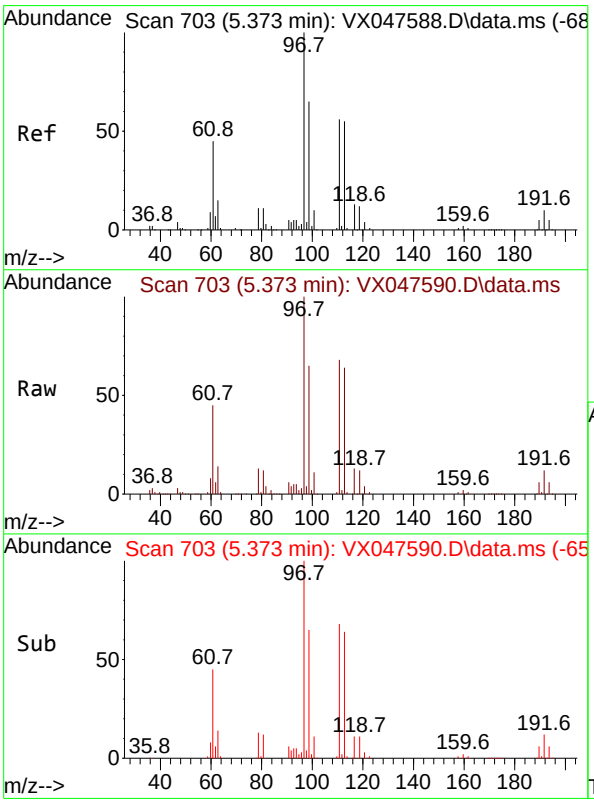
Ion	Ratio	Lower	Upper
56	100		
69	30.5	23.8	35.8
84	81.5	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

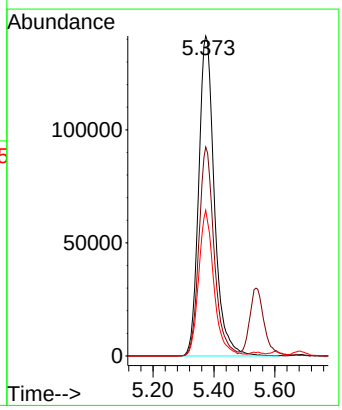
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

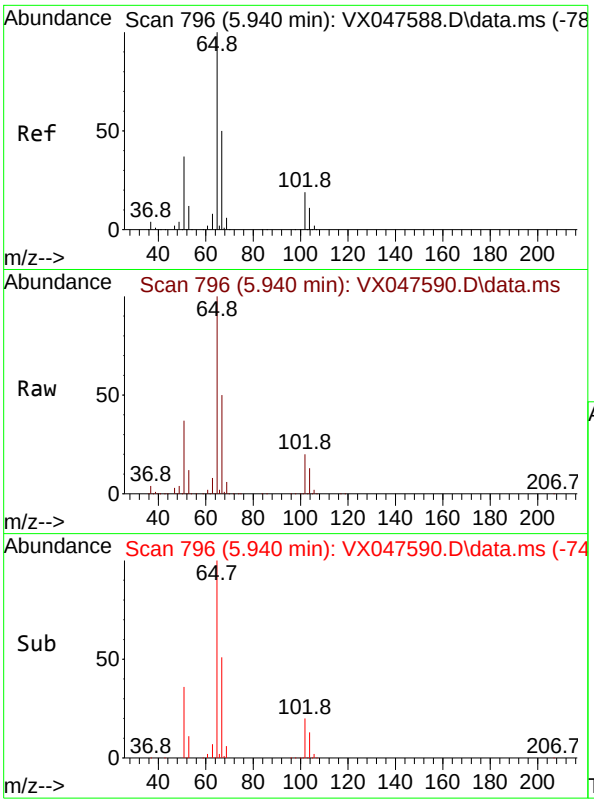


#32
1,1,1-Trichloroethane
Concen: 152.802 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 97 Resp: 506654

Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.6	76.0
61	44.2	35.8	53.8

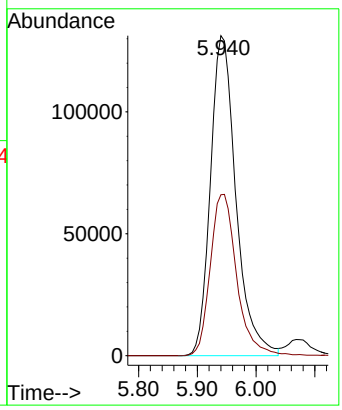




#33
1,2-Dichloroethane-d4
Concen: 162.673 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 65 Resp: 39662

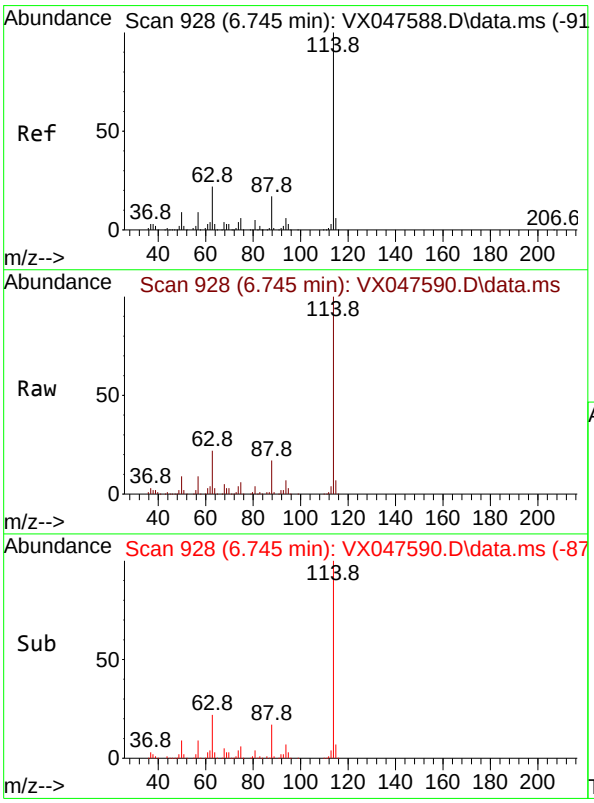
Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

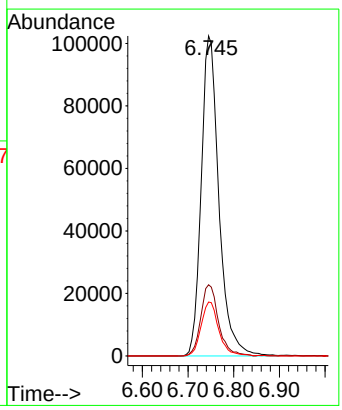
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

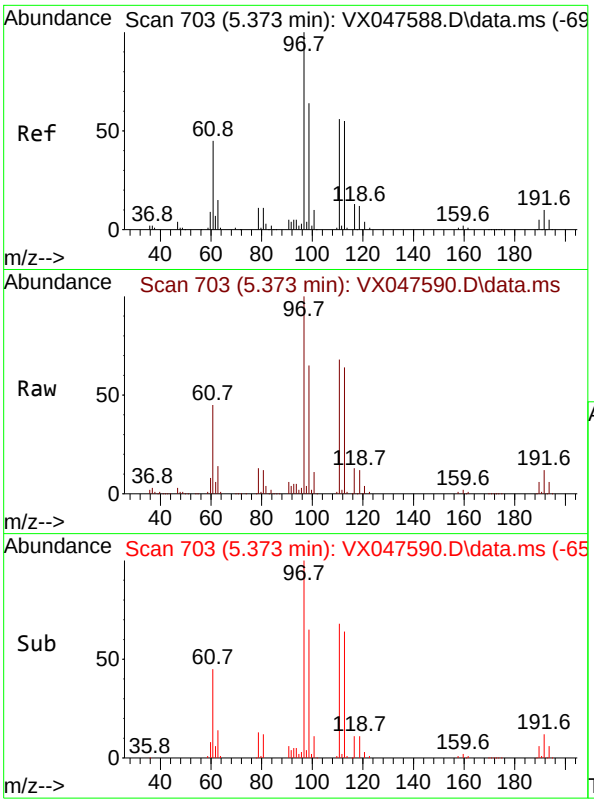


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:114 Resp: 274804

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.0
88	16.8	0.0	34.2

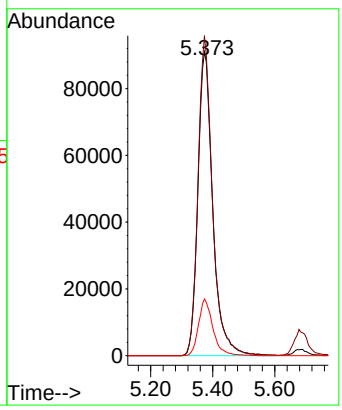




#35
Dibromofluoromethane
Concen: 164.802 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:113 Resp: 30372

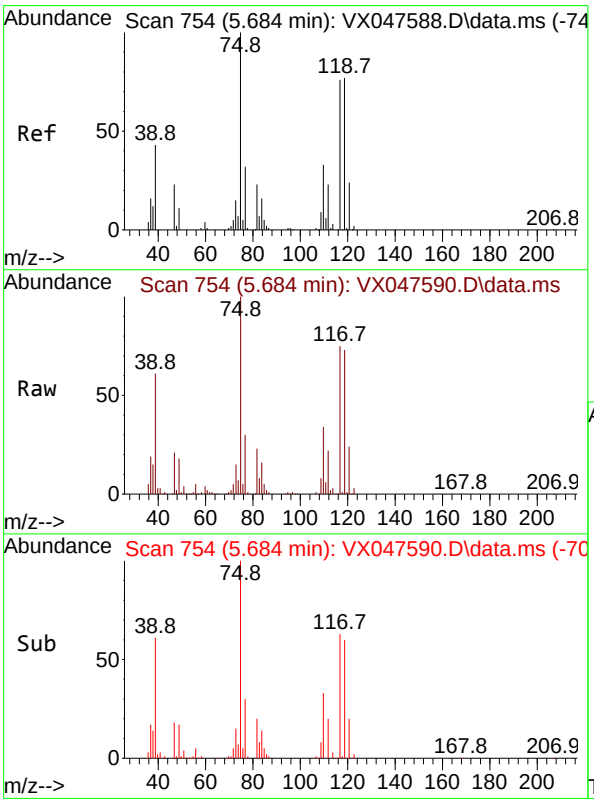
Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.9	121.3
192	18.1	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

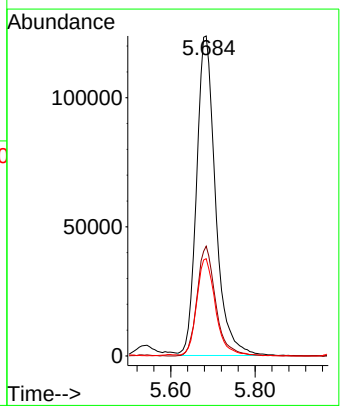
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

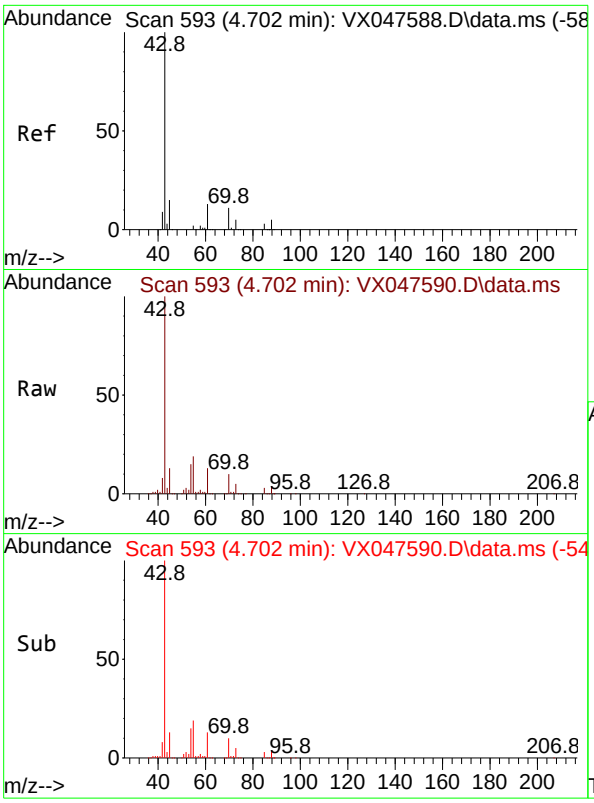


#36
1,1-Dichloropropene
Concen: 143.556 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 75 Resp: 386601

Ion	Ratio	Lower	Upper
75	100		
110	33.9	16.7	50.1
77	30.6	24.3	36.5

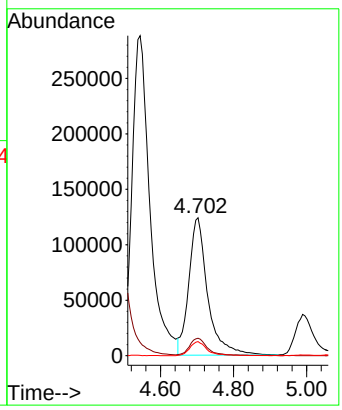




#37
Ethyl Acetate
Concen: 154.141 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 44446

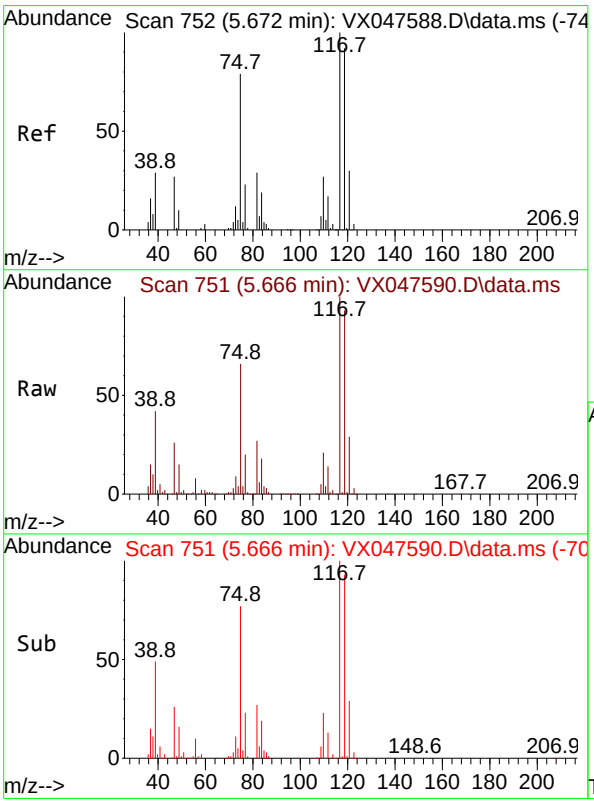
Ion	Ratio	Lower	Upper
43	100		
61	12.1	9.8	14.8
70	9.5	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

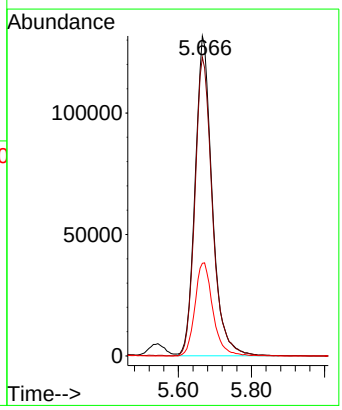
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

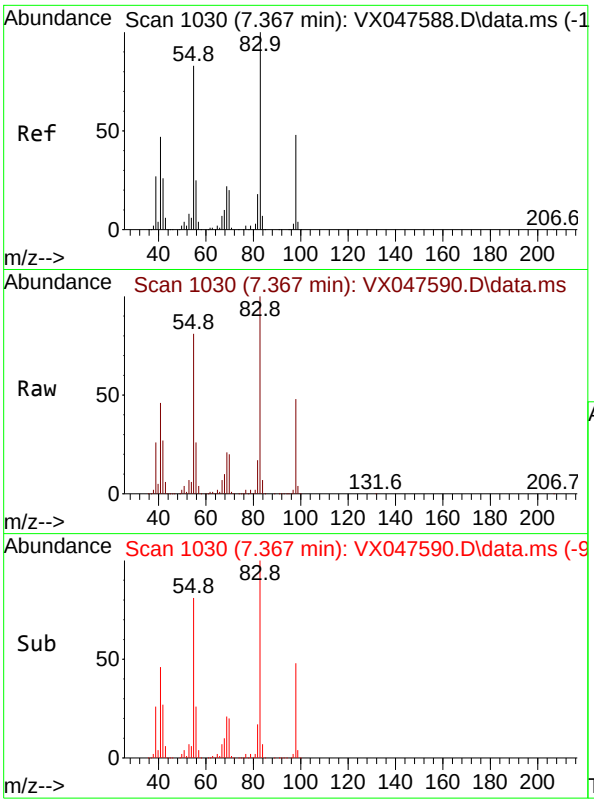


#38
Carbon Tetrachloride
Concen: 146.021 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:117 Resp: 427263

Ion	Ratio	Lower	Upper
117	100		
119	93.3	73.4	110.2
121	29.0	23.8	35.6

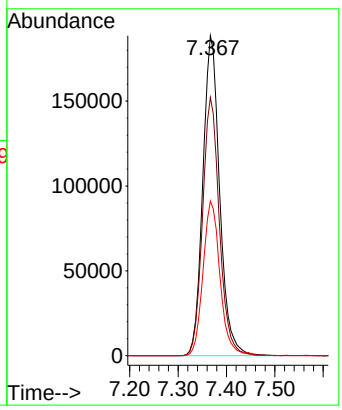




#39
Methylcyclohexane
Concen: 149.395 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 83 Resp: 45669

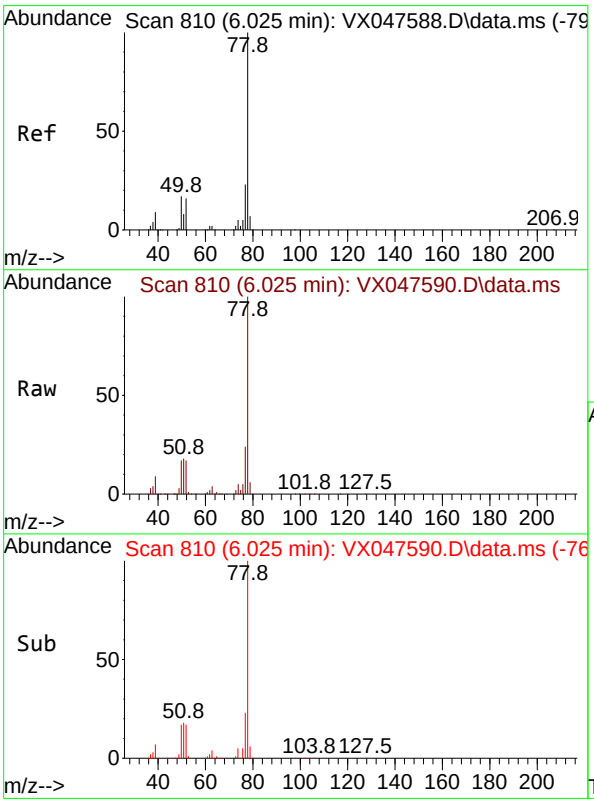
Ion	Ratio	Lower	Upper
83	100		
55	80.7	66.4	99.6
98	48.3	38.1	57.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

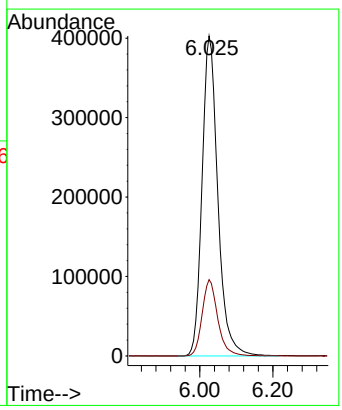
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

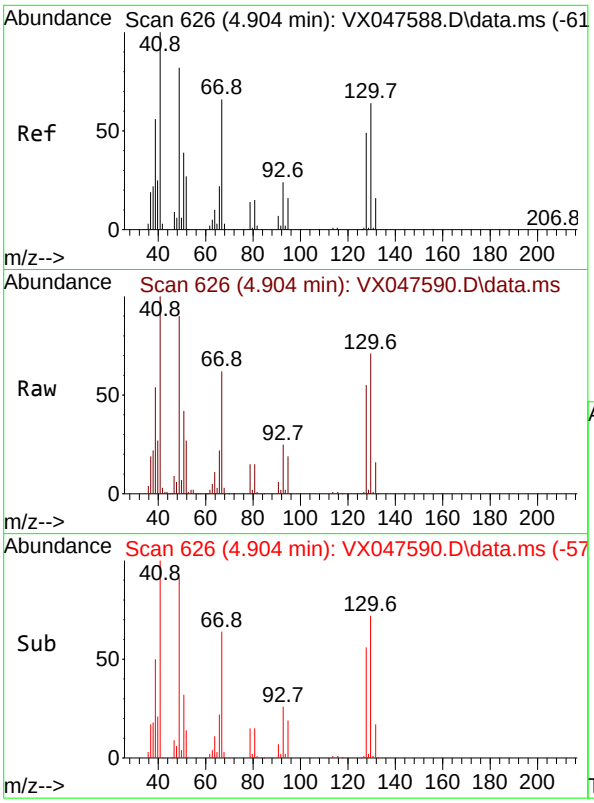


#40
Benzene
Concen: 147.057 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 78 Resp: 1202846

Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.8	28.2

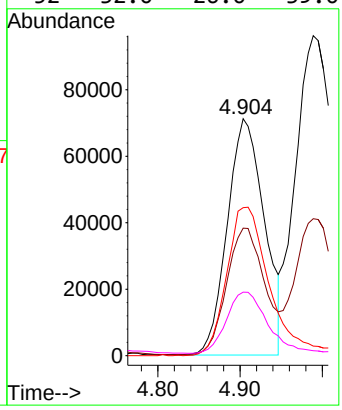




#41
Methacrylonitrile
Concen: 149.951 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 41 Resp: 22321

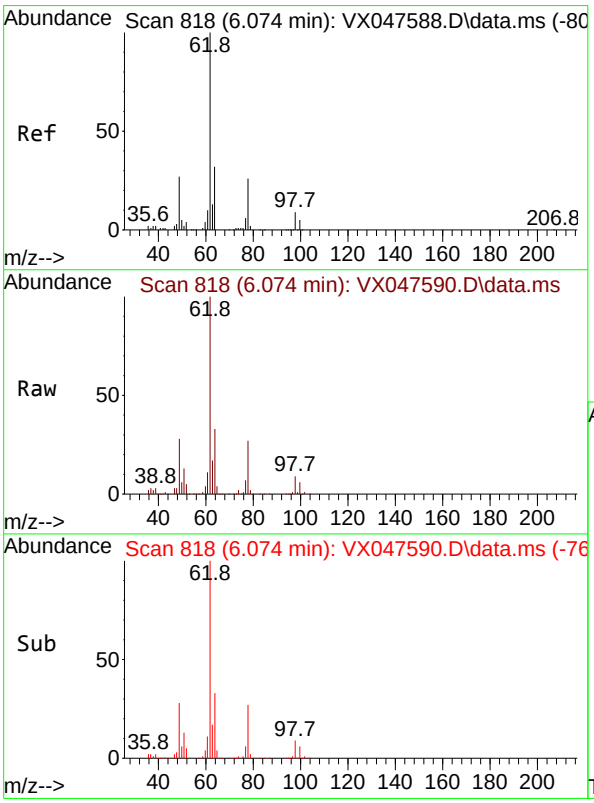
Ion	Ratio	Lower	Upper
41	100		
39	54.5	43.3	64.9
67	74.6	58.6	87.8
52	32.0	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

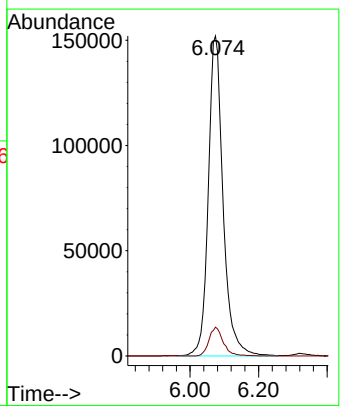
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

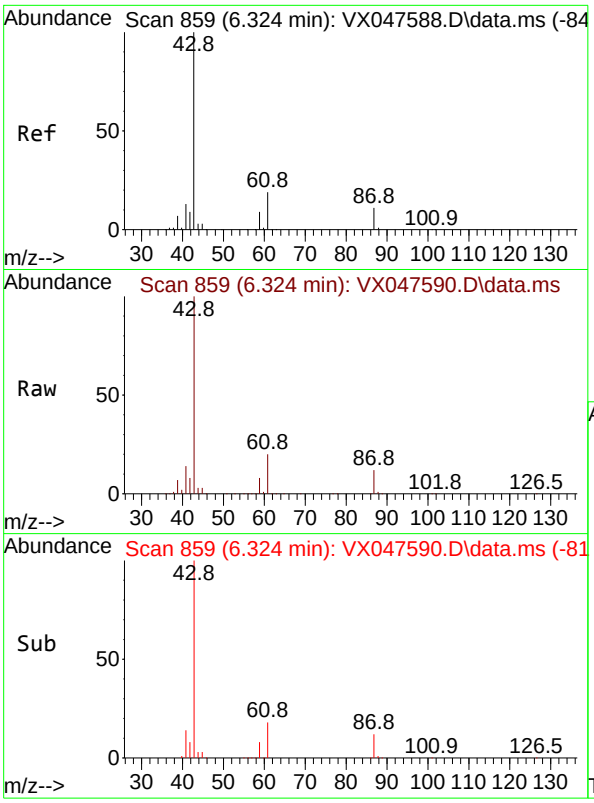


#42
1,2-Dichloroethane
Concen: 146.515 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 62 Resp: 455978

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0

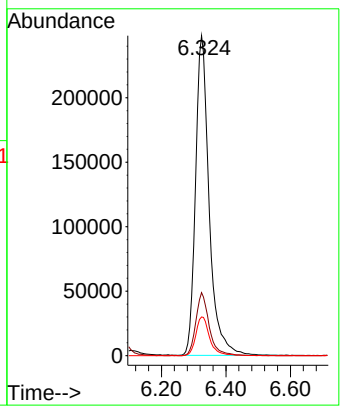




#43
Isopropyl Acetate
Concen: 153.283 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 72488

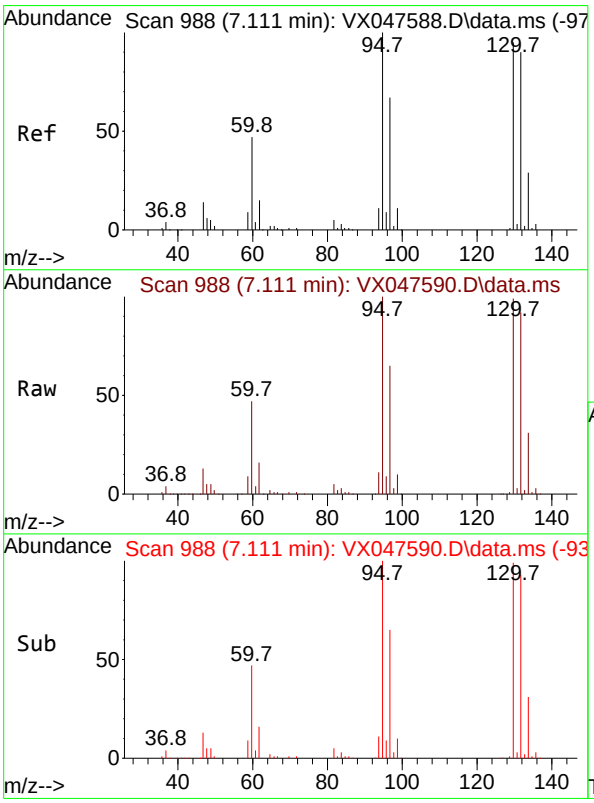
Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.2	22.8
87	12.3	9.6	14.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

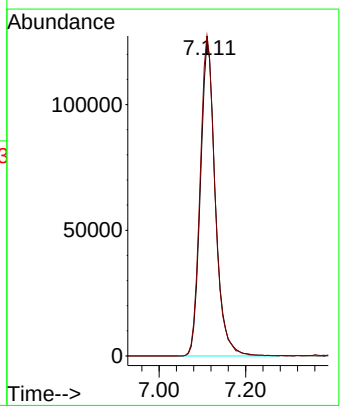
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

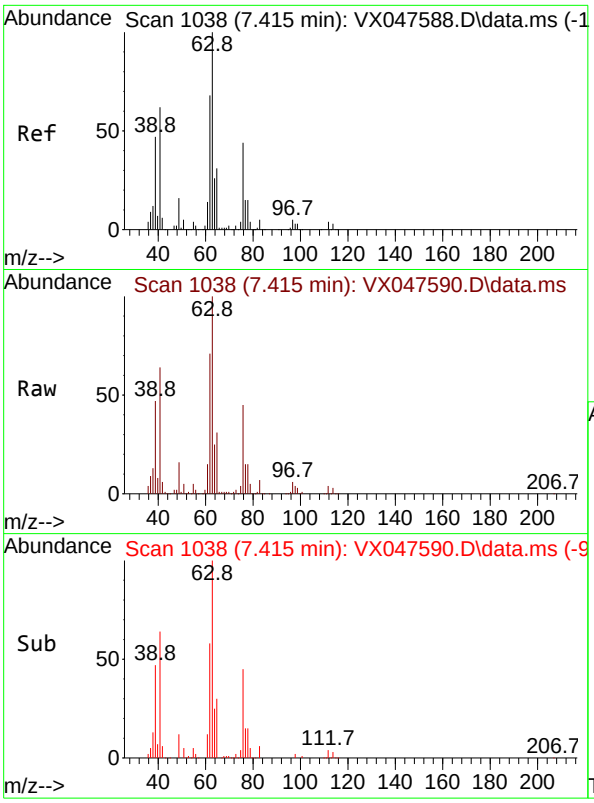


#44
Trichloroethene
Concen: 151.542 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:130 Resp: 299673

Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	210.8

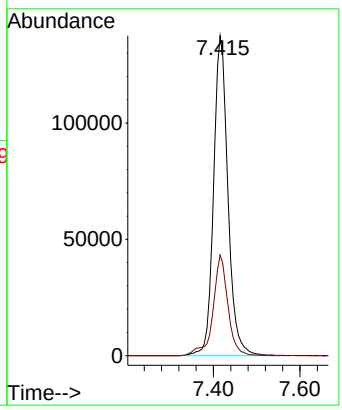




#45
1,2-Dichloropropane
Concen: 151.219 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 63 Resp: 31672

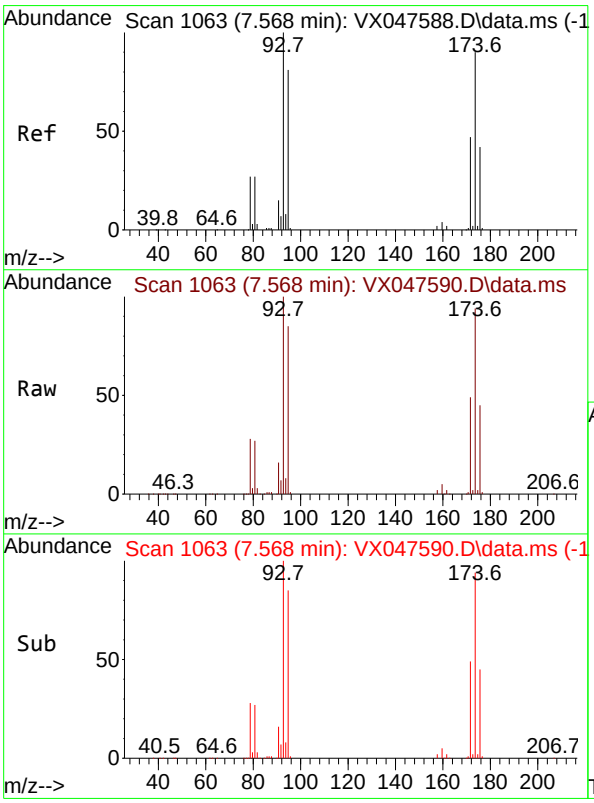
Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

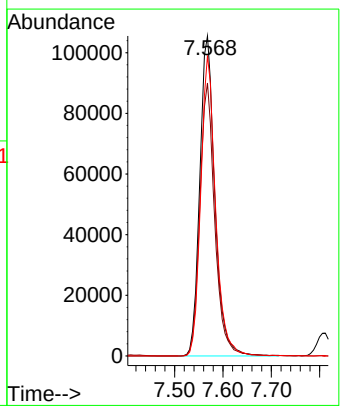
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

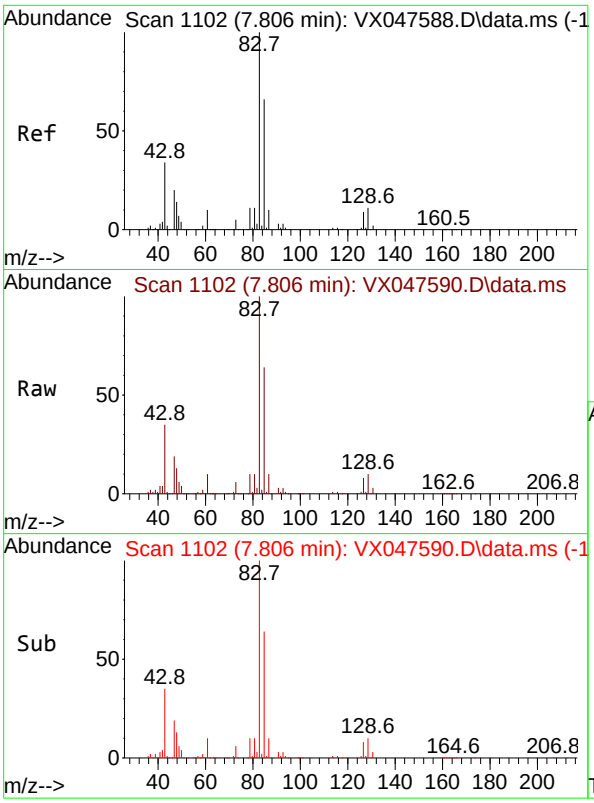


#46
Dibromomethane
Concen: 149.954 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 93 Resp: 228550

Ion	Ratio	Lower	Upper
93	100		
95	84.2	65.0	97.6
174	92.5	71.6	107.4

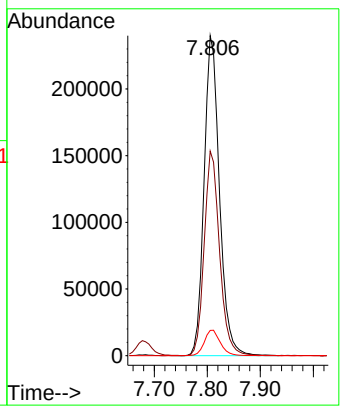




#47
Bromodichloromethane
Concen: 153.710 ug/l
RT: 7.806 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 83 Resp: 48343

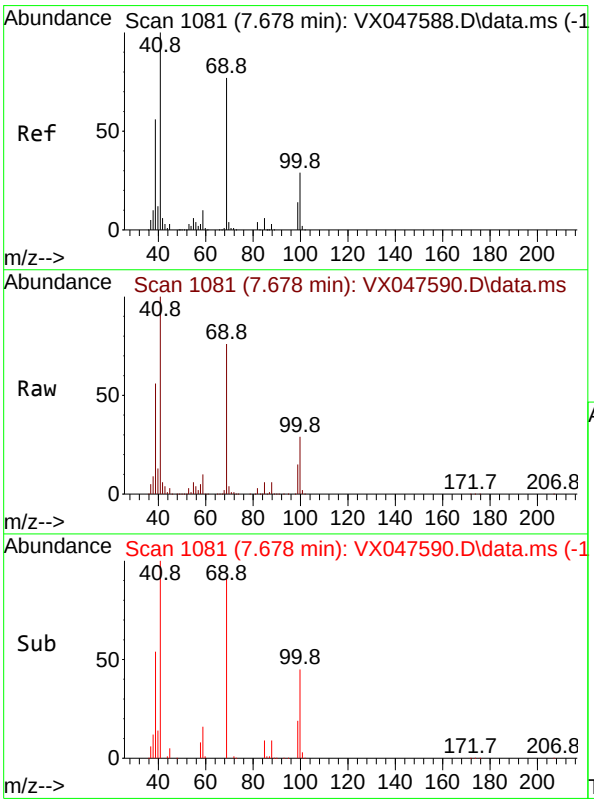
Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.5	78.7
127	7.9	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

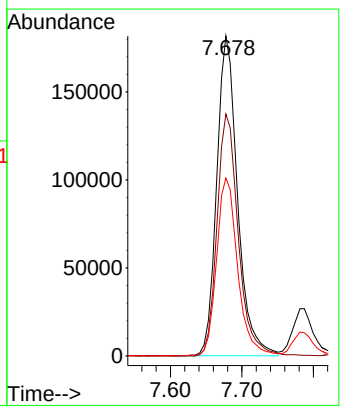
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

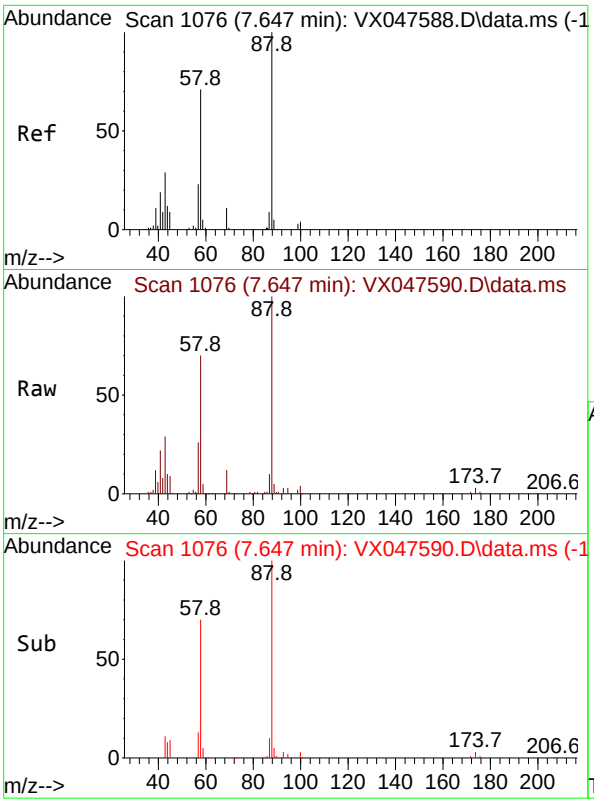


#48
Methyl methacrylate
Concen: 156.194 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 41 Resp: 367931

Ion	Ratio	Lower	Upper
41	100		
69	77.2	61.4	92.2
39	56.5	45.8	68.6

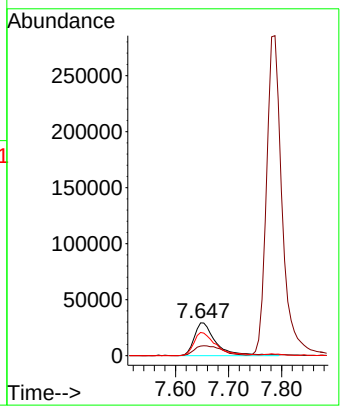




#49
1,4-Dioxane
Concen: 3475.565 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 88 Resp: 8273

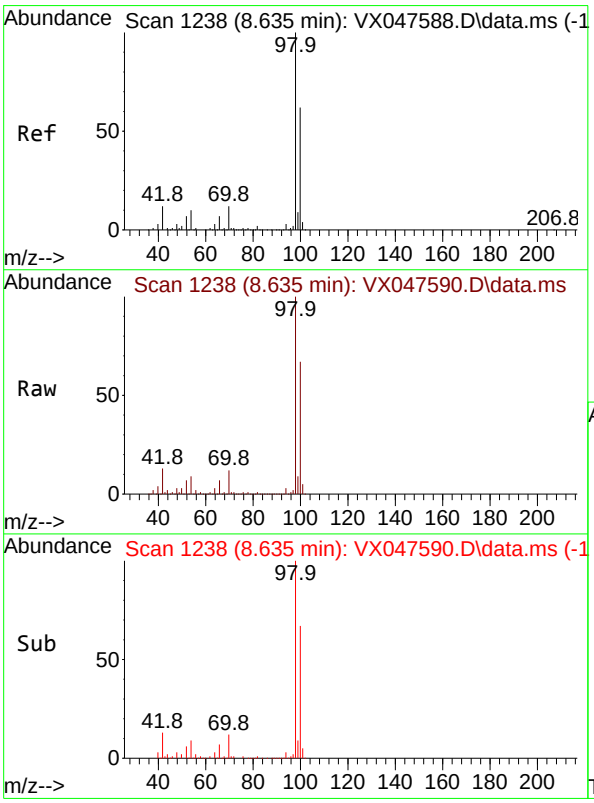
Ion	Ratio	Lower	Upper
88	100		
43	38.5	30.2	45.2
58	73.0	59.5	89.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

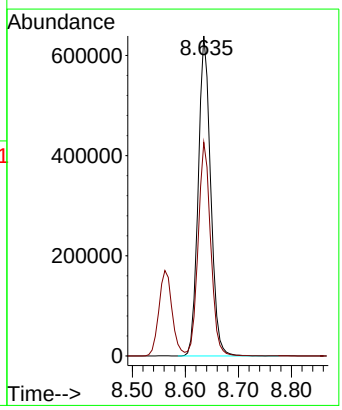
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

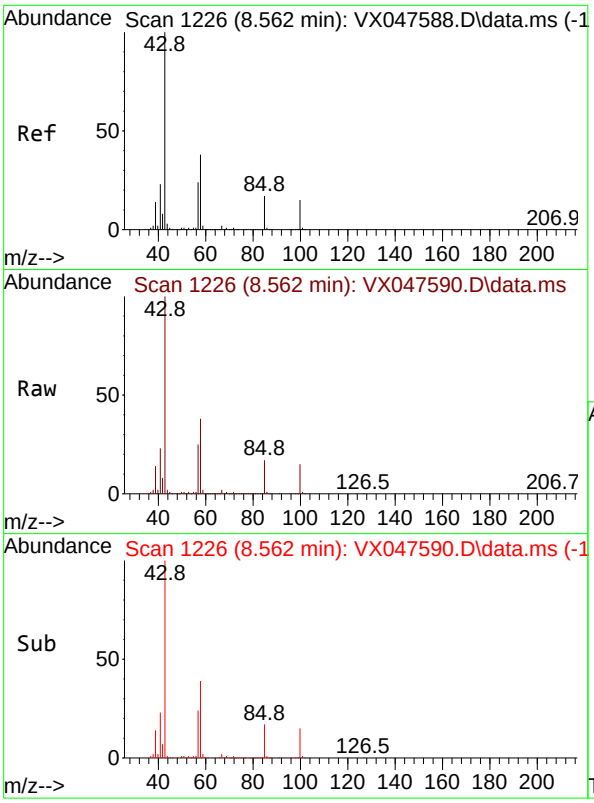


#50
Toluene-d8
Concen: 163.253 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 98 Resp: 1041079

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.0	79.4

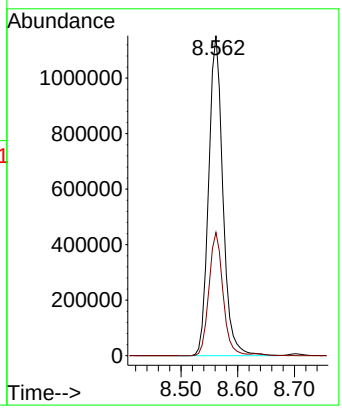




#51
4-Methyl-2-Pentanone
Concen: 765.849 ug/l
RT: 8.562 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 200806

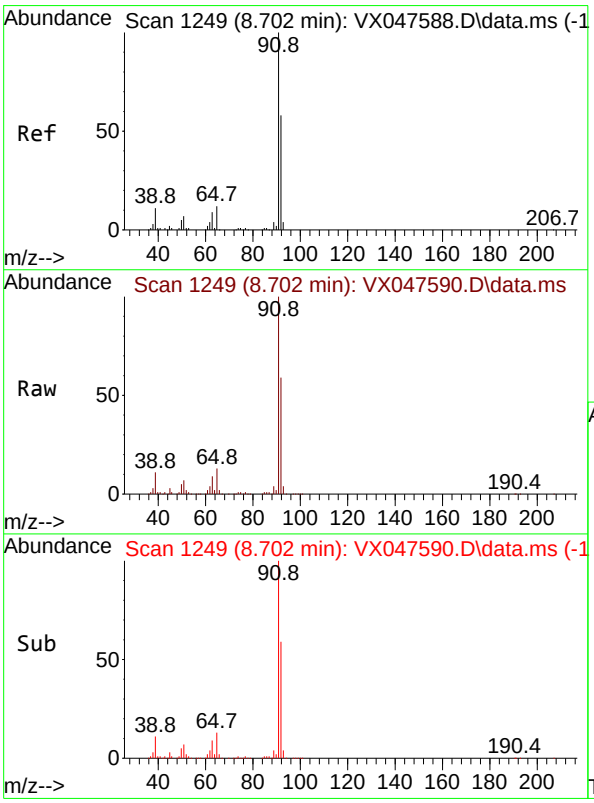
Ion	Ratio	Lower	Upper
43	100		
58	38.0	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

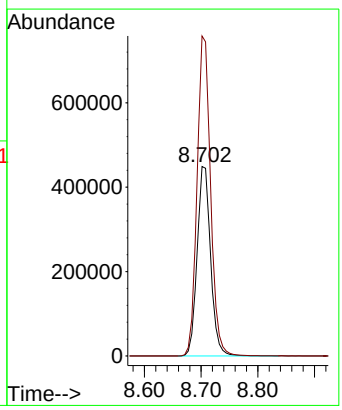
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

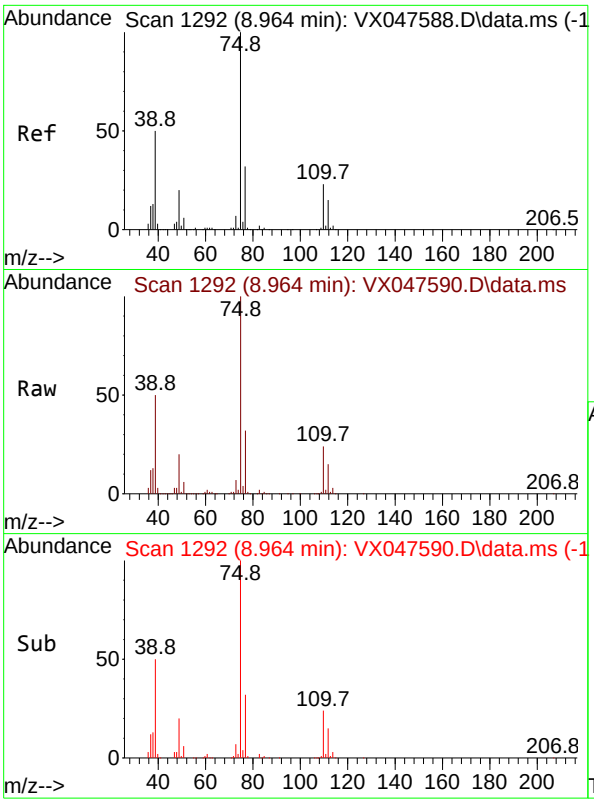


#52
Toluene
Concen: 146.712 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 92 Resp: 739332

Ion	Ratio	Lower	Upper
92	100		
91	169.5	137.1	205.7

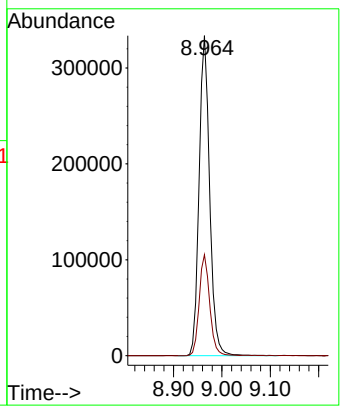




#53
t-1,3-Dichloropropene
Concen: 157.076 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 75 Resp: 50391

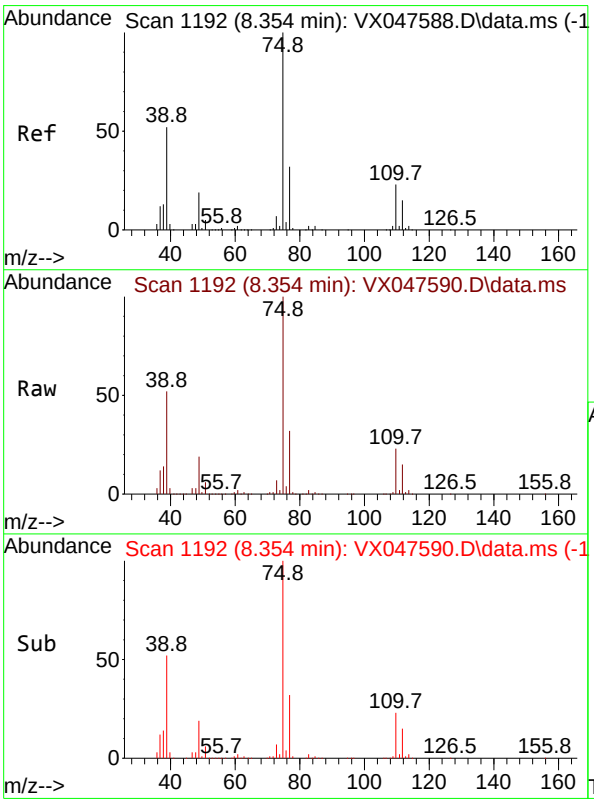
Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

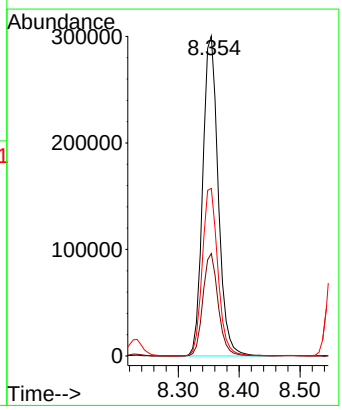
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

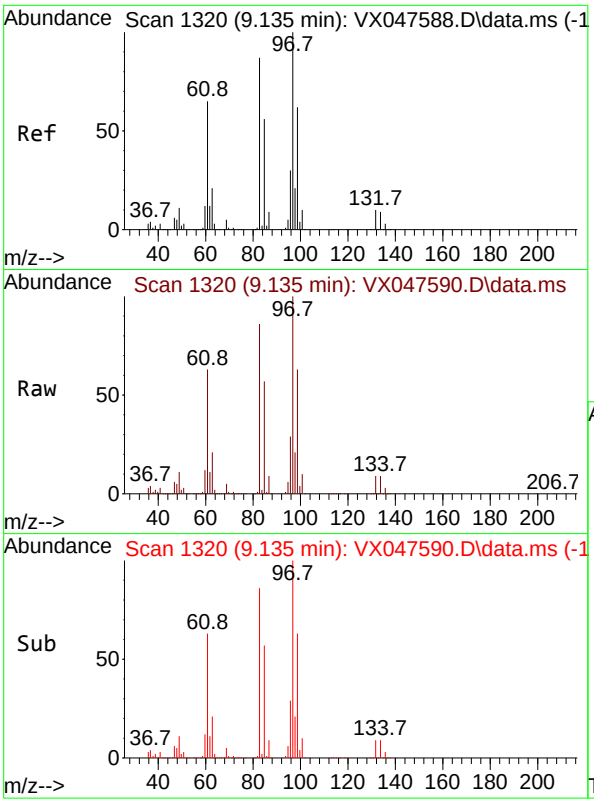


#54
cis-1,3-Dichloropropene
Concen: 154.732 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 75 Resp: 530566

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.8	38.6
39	52.3	41.4	62.2

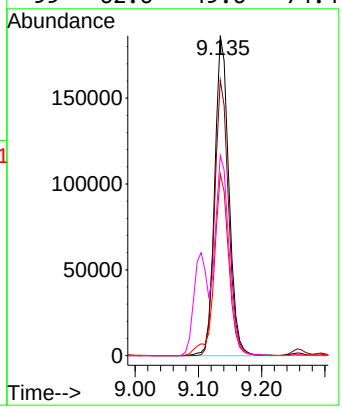




#55
1,1,2-Trichloroethane
Concen: 148.781 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 97 Resp: 28910

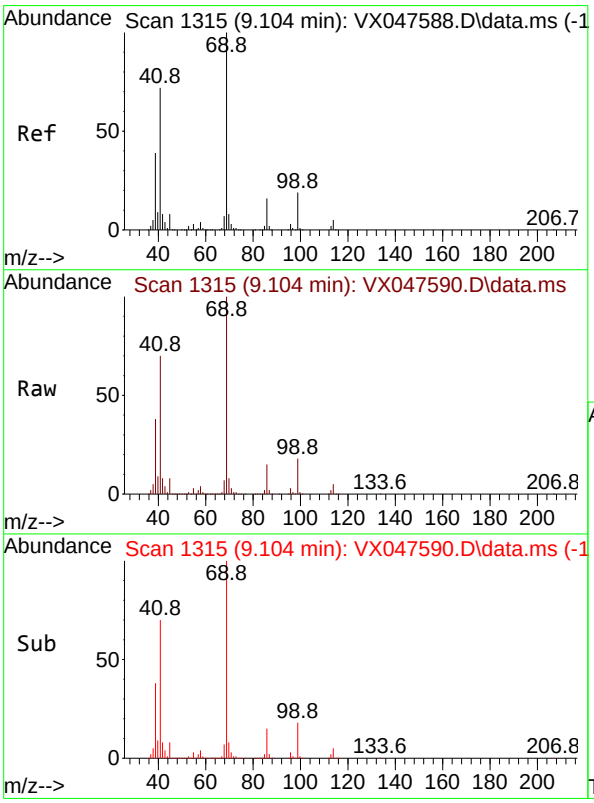
Ion	Ratio	Lower	Upper
97	100		
83	86.1	69.6	104.4
85	56.8	45.0	67.6
99	62.6	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

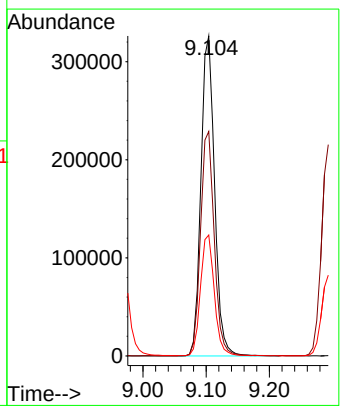
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

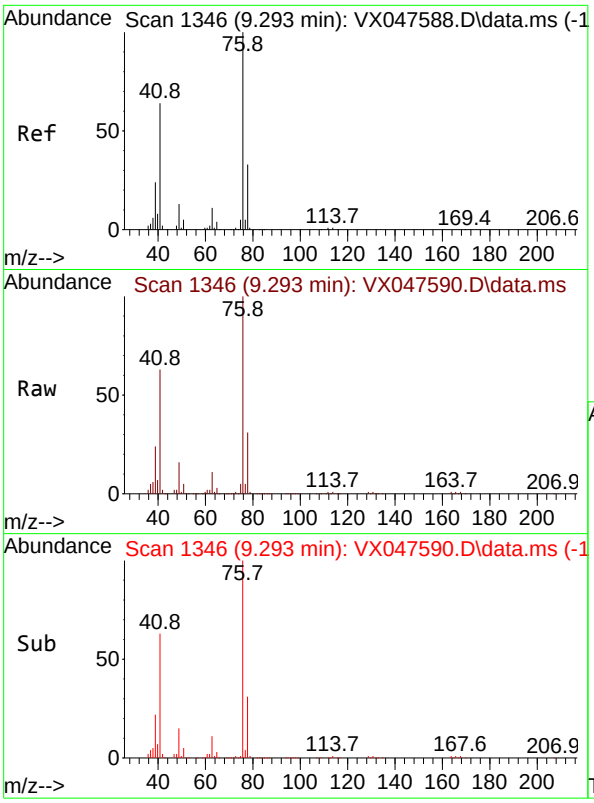


#56
Ethyl methacrylate
Concen: 160.773 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 69 Resp: 490623

Ion	Ratio	Lower	Upper
69	100		
41	70.5	58.6	87.8
39	38.2	31.5	47.3

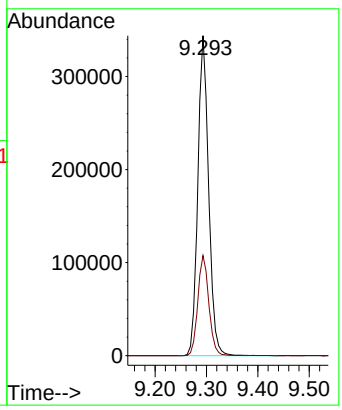




#57
1,3-Dichloropropane
Concen: 150.426 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 76 Resp: 50212

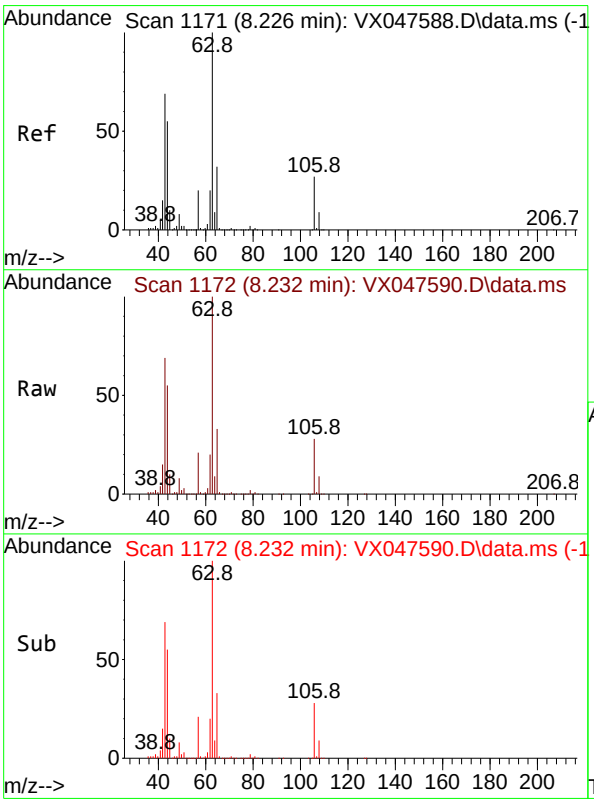
Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

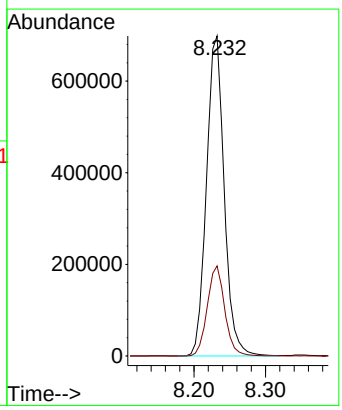
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

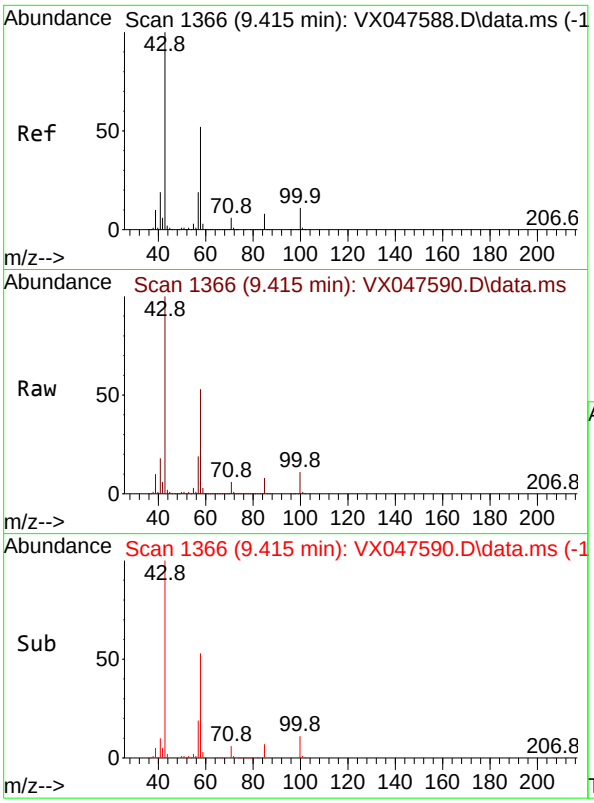


#58
2-Chloroethyl Vinyl ether
Concen: 749.661 ug/l
RT: 8.232 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 63 Resp: 1202206

Ion	Ratio	Lower	Upper
63	100		
106	27.7	21.9	32.9

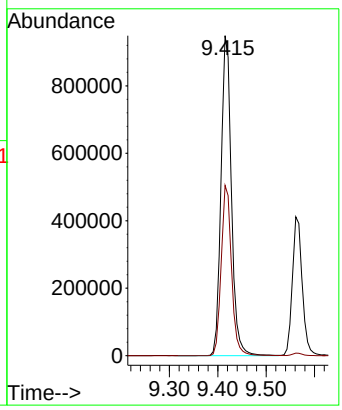




#59
2-Hexanone
Concen: 750.035 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 141241

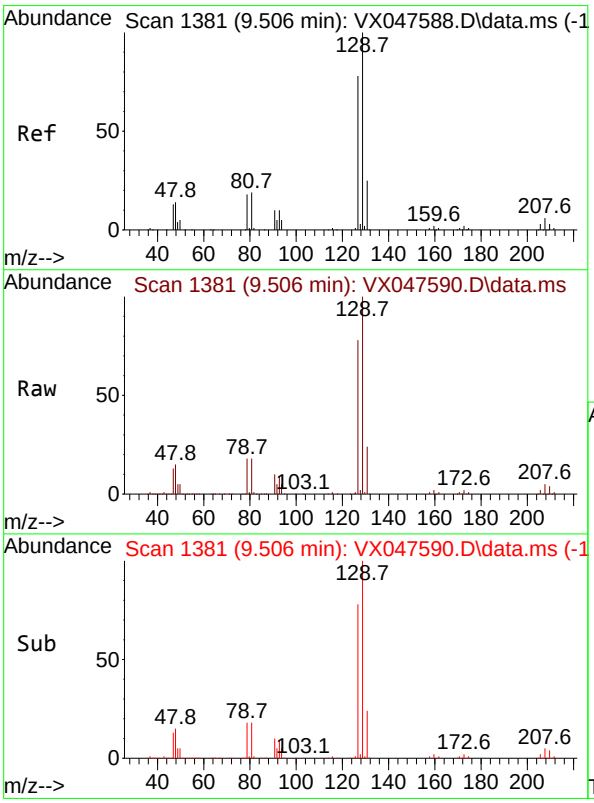
Ion	Ratio	Lower	Upper
43	100		
58	52.9	26.1	78.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

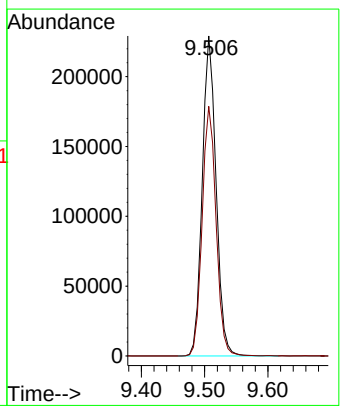
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

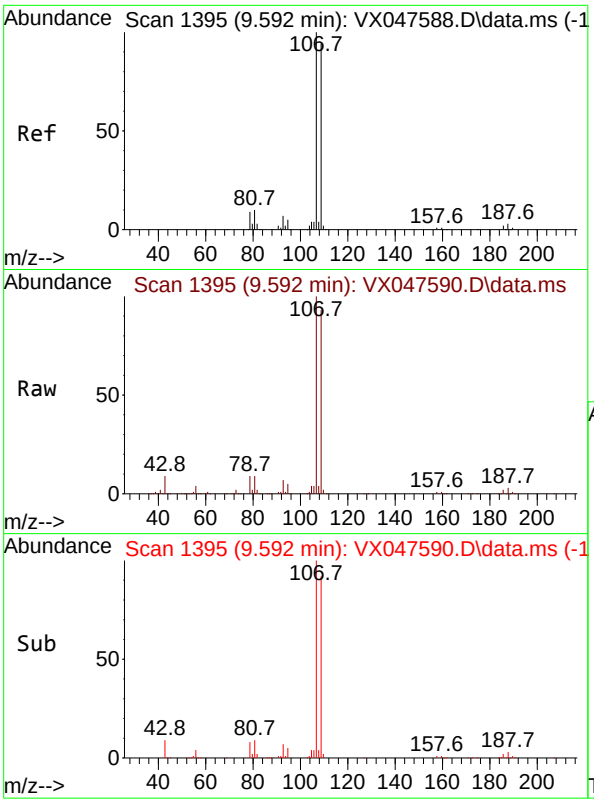


#60
Dibromochloromethane
Concen: 155.318 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:129 Resp: 347748

Ion	Ratio	Lower	Upper
129	100		
127	78.7	38.4	115.2

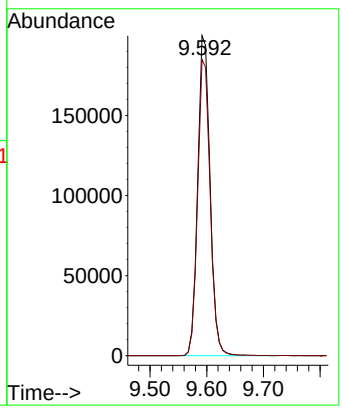




#61
1,2-Dibromoethane
Concen: 152.949 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:107 Resp: 30271

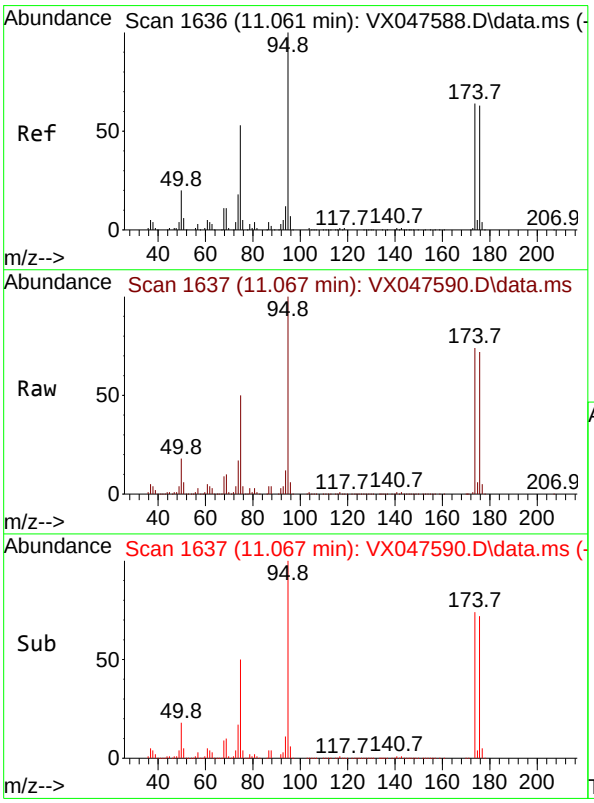
Ion	Ratio	Lower	Upper
107	100		
109	93.5	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

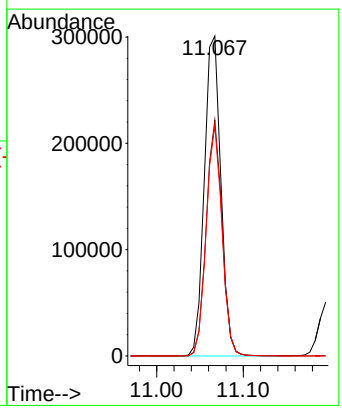
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

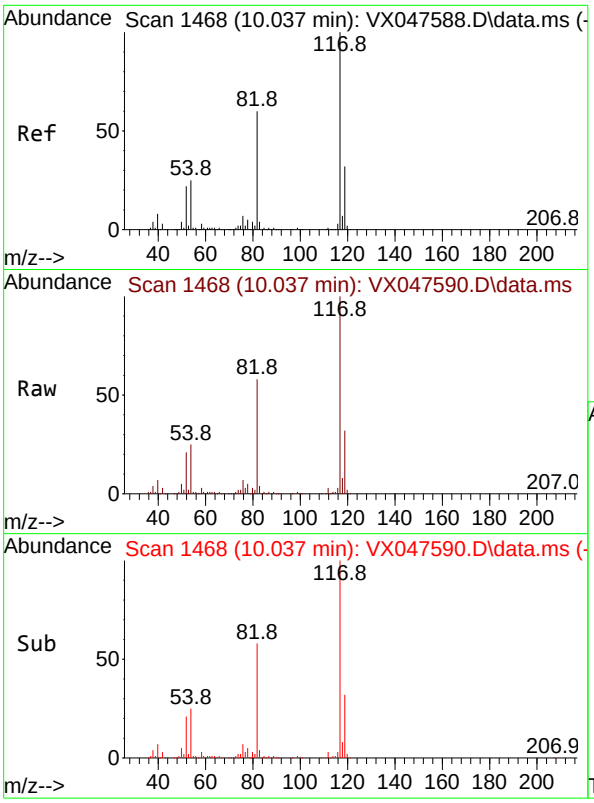


#62
4-Bromofluorobenzene
Concen: 165.020 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 95 Resp: 399386

Ion	Ratio	Lower	Upper
95	100		
174	70.7	0.0	141.6
176	68.5	0.0	138.4

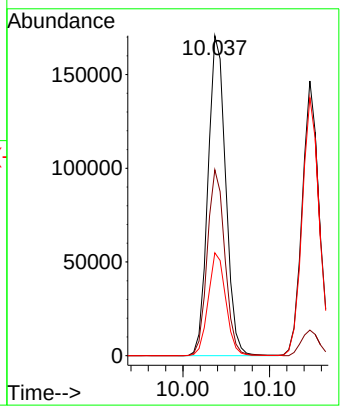




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:117 Resp: 24181

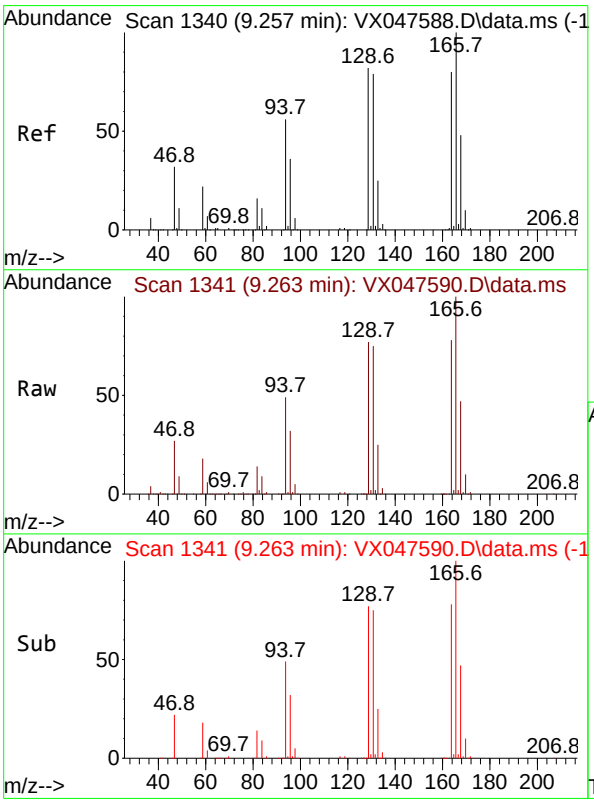
Ion	Ratio	Lower	Upper
117	100		
82	58.1	47.8	71.6
119	32.2	25.2	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

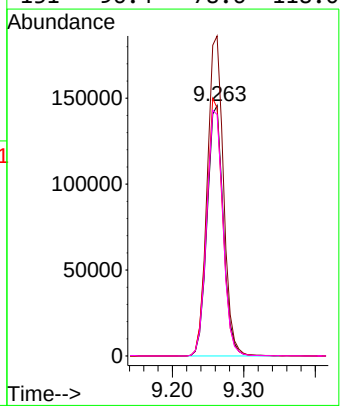
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

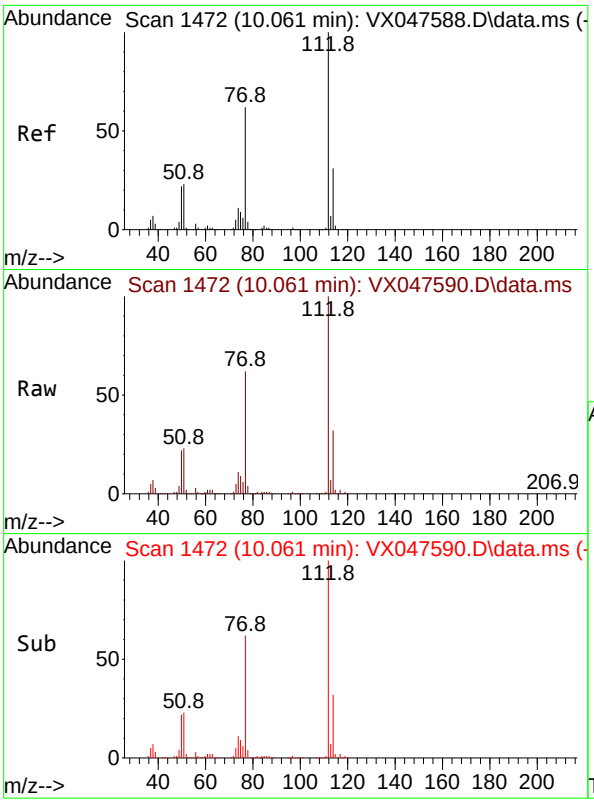


#64
Tetrachloroethene
Concen: 144.590 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:164 Resp: 227931

Ion	Ratio	Lower	Upper
164	100		
166	127.8	100.2	150.2
129	99.0	81.8	122.6
131	96.4	78.6	118.0

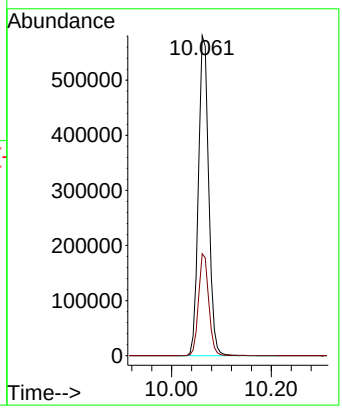




#65
Chlorobenzene
Concen: 150.763 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:112 Resp: 82823

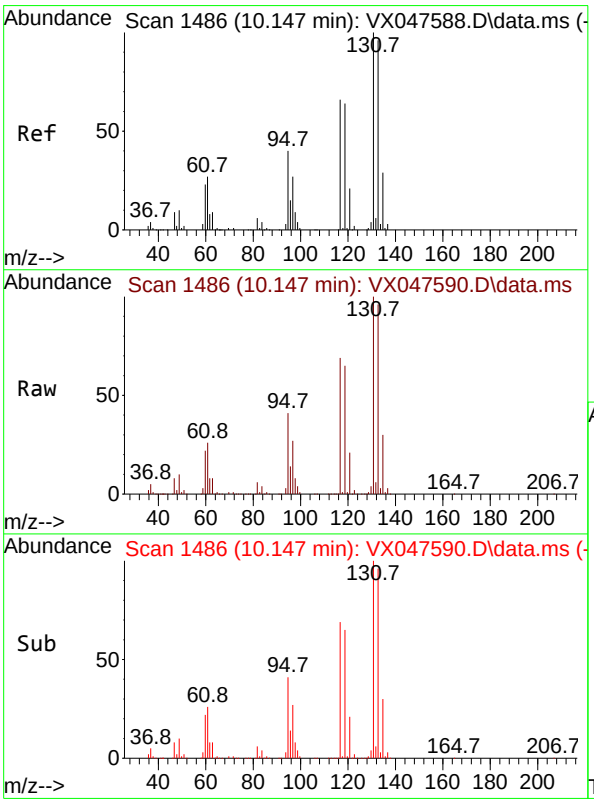
Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

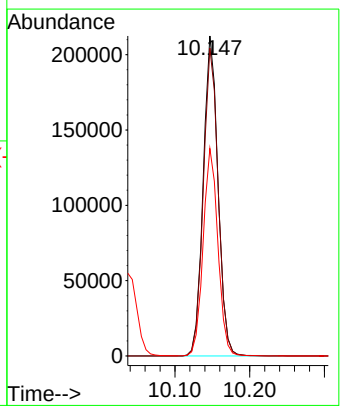
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

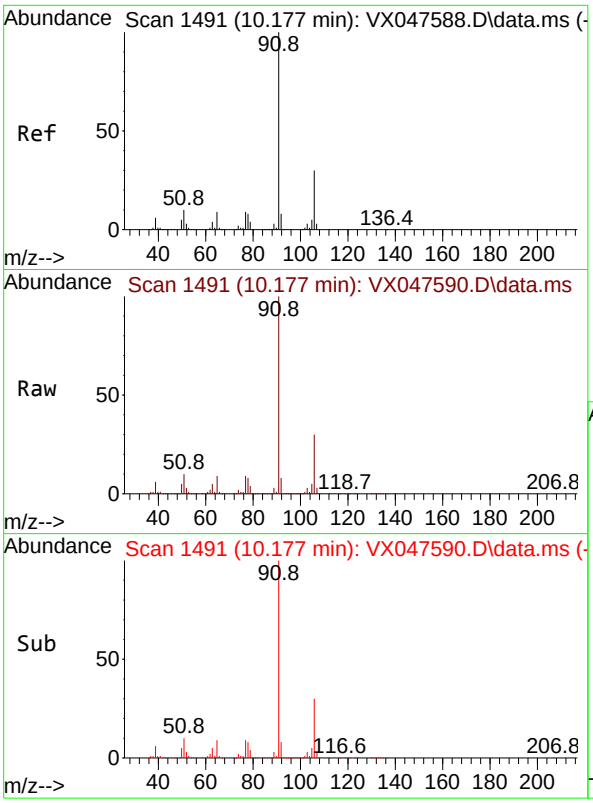


#66
1,1,1,2-Tetrachloroethane
Concen: 153.733 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:131 Resp: 291433

Ion	Ratio	Lower	Upper
131	100		
133	96.7	47.3	142.0
119	64.8	32.0	96.0

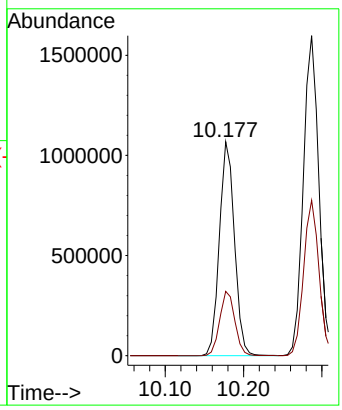




#67
Ethyl Benzene
Concen: 151.026 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 91 Resp: 143155

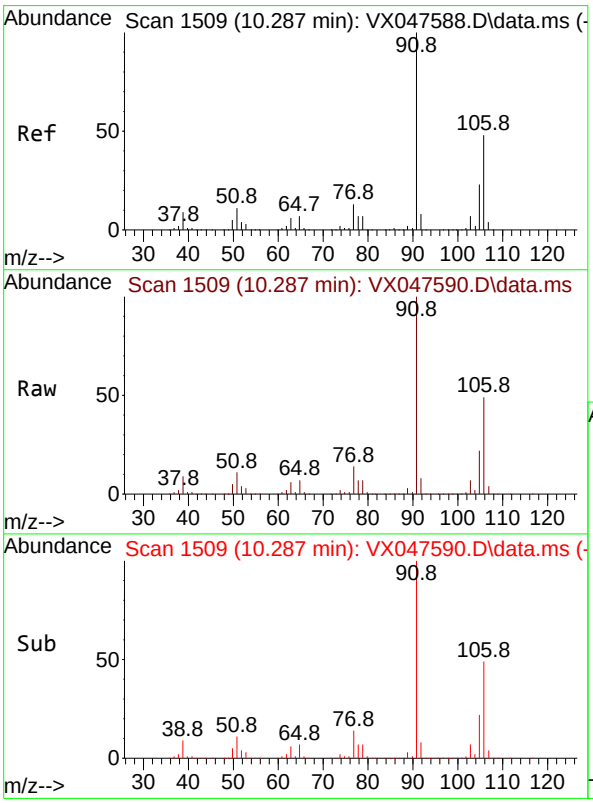
Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.3	36.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

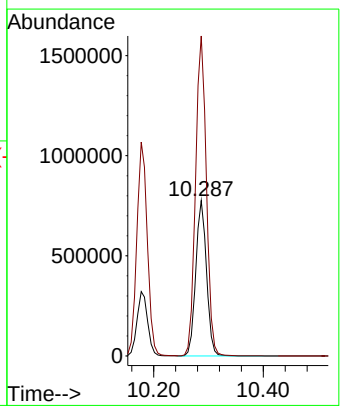
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

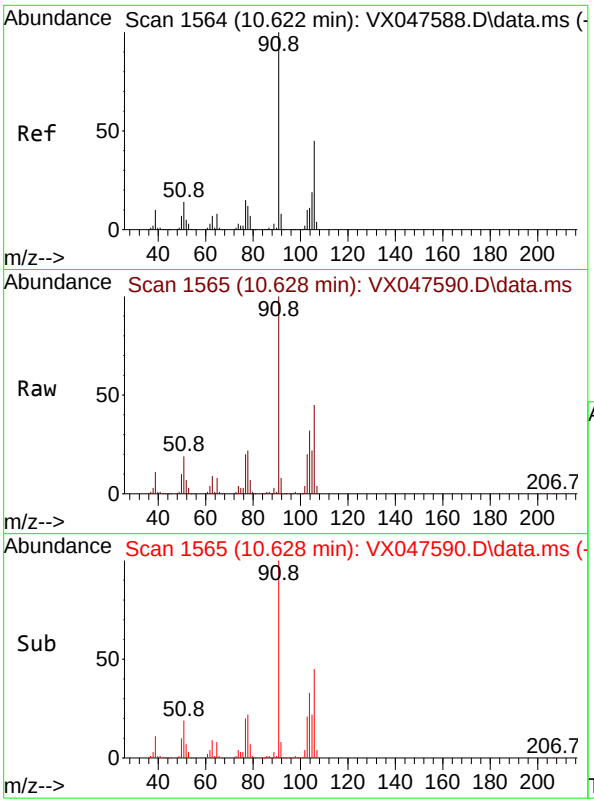


#68
m/p-Xylenes
Concen: 300.381 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:106 Resp: 1059776

Ion	Ratio	Lower	Upper
106	100		
91	208.0	167.8	251.8

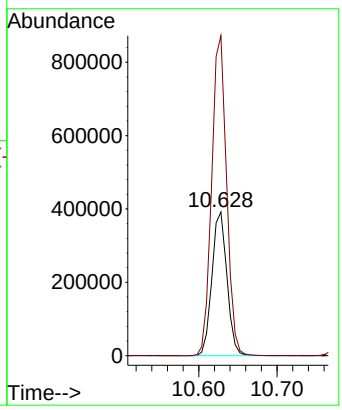




#69
o-Xylene
Concen: 152.920 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:106 Resp: 52184

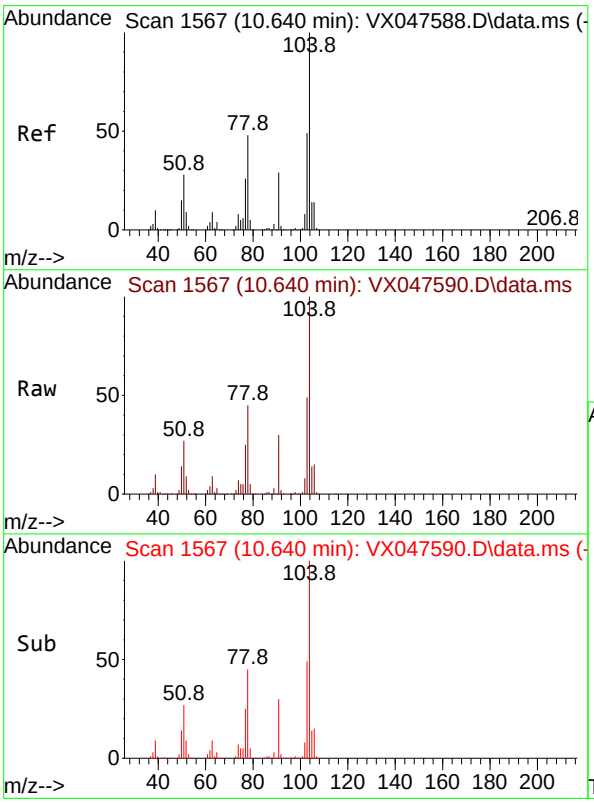
Ion	Ratio	Lower	Upper
106	100		
91	220.7	111.1	333.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

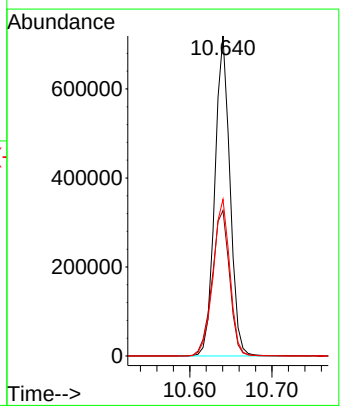
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

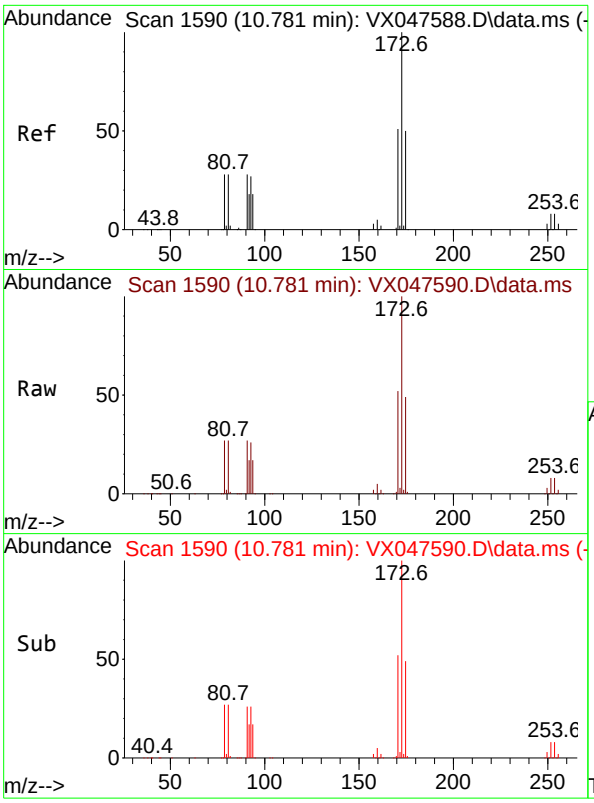


#70
Styrene
Concen: 153.449 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:104 Resp: 917532

Ion	Ratio	Lower	Upper
104	100		
78	52.4	43.1	64.7
103	54.0	43.1	64.7

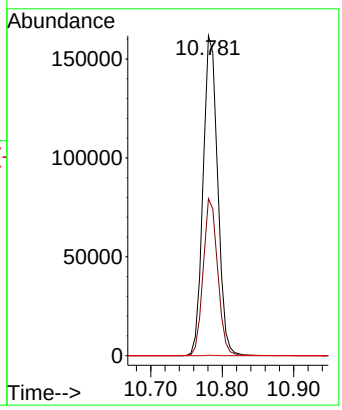




#71
Bromoform
Concen: 162.262 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:173 Resp: 22968

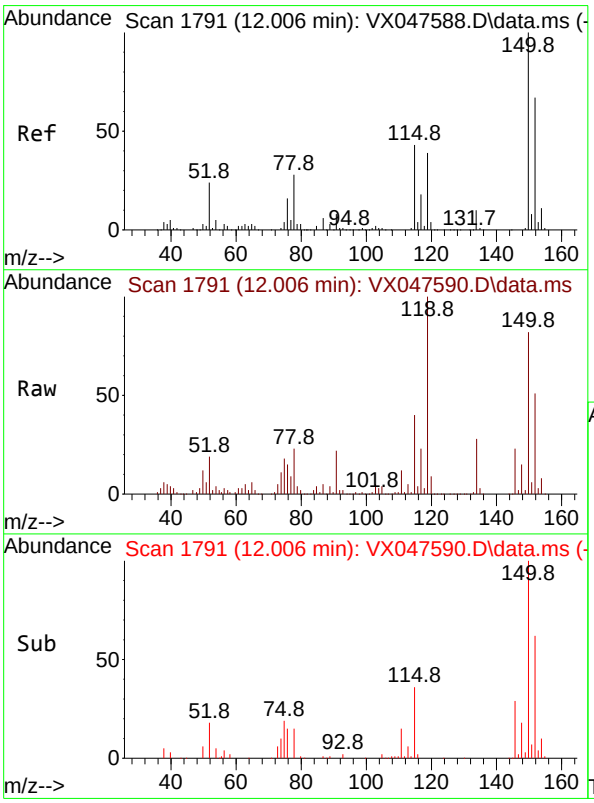
Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.9	74.6
254	0.1	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

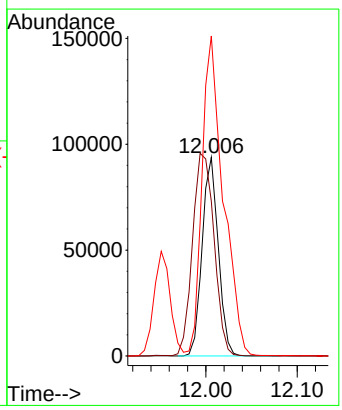
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

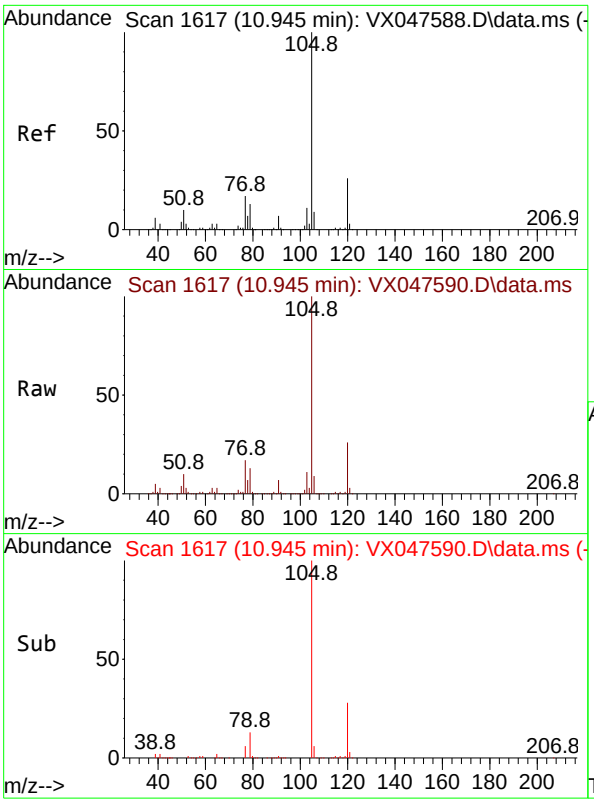


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:152 Resp: 114743

Ion	Ratio	Lower	Upper
152	100		
115	136.9	44.9	134.5#
150	212.9	0.0	352.0

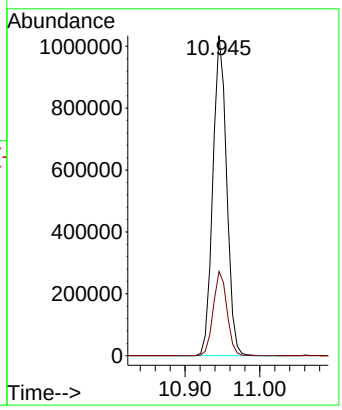




#73
Isopropylbenzene
Concen: 151.477 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:105 Resp: 132140

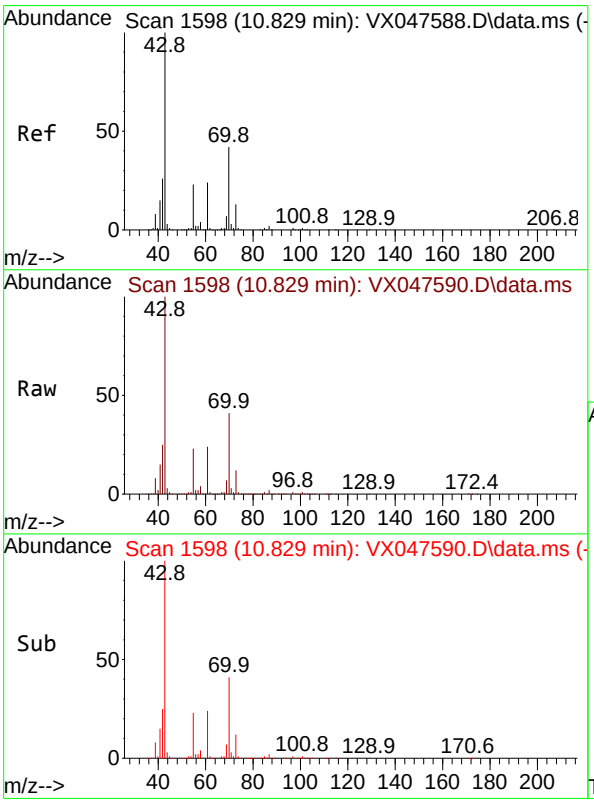
Ion	Ratio	Lower	Upper
105	100		
120	26.2	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

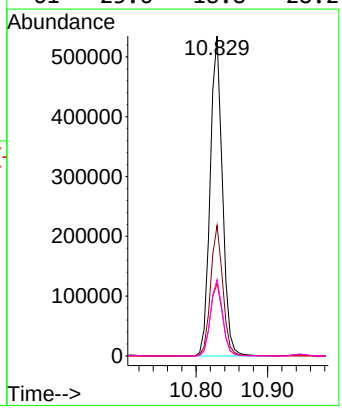
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

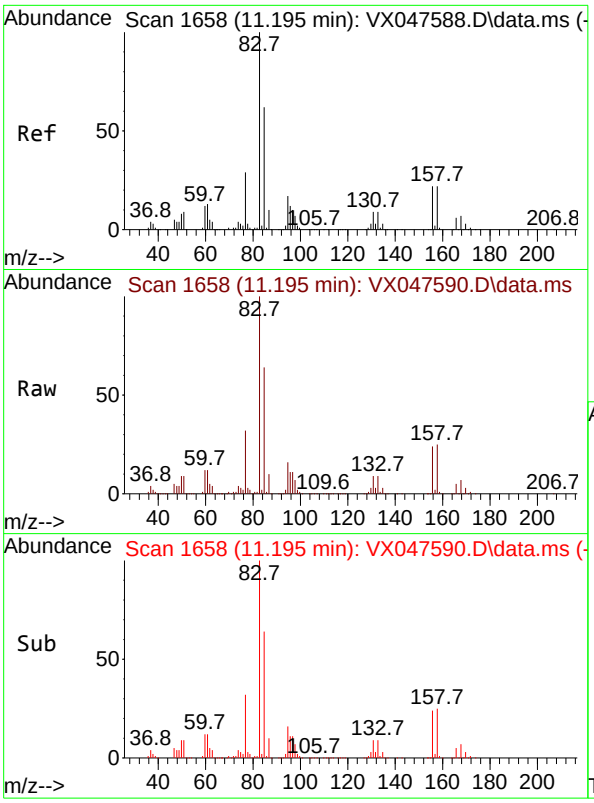


#74
N-amyl acetate
Concen: 160.099 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 636879

Ion	Ratio	Lower	Upper
43	100		
70	40.4	32.0	48.0
55	22.9	18.9	28.3
61	23.6	18.8	28.2

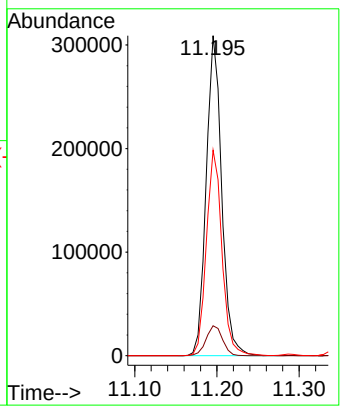




#75
1,1,2,2-Tetrachloroethane
Concen: 153.035 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 83 Resp: 40390

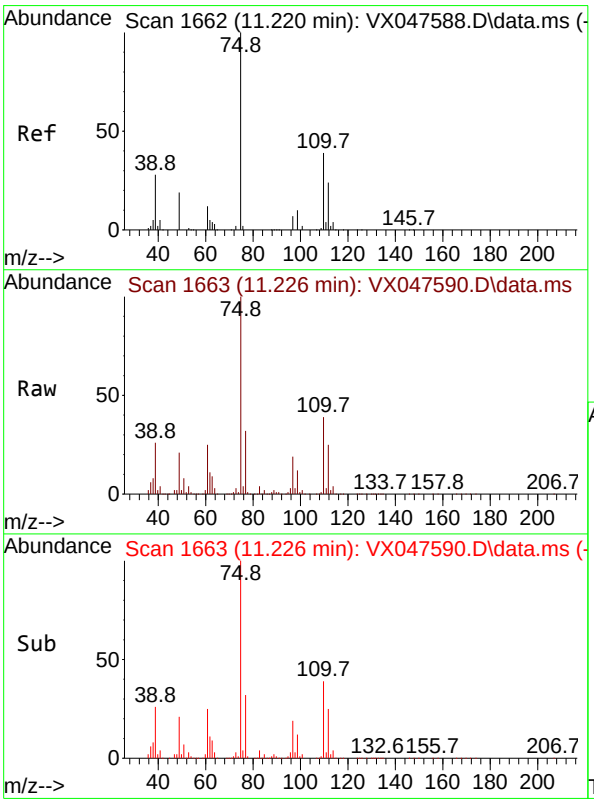
Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	14.9
85	64.6	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

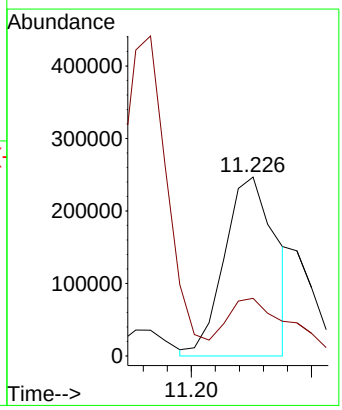
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

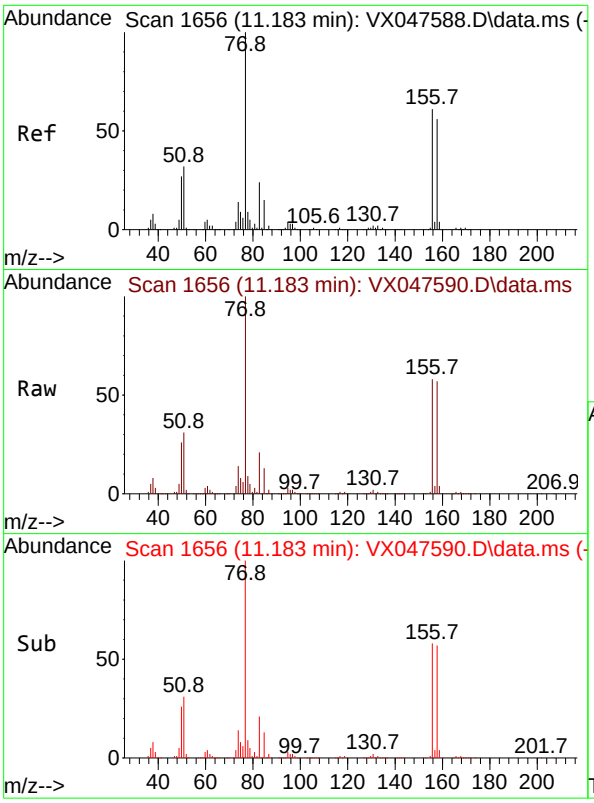


#76
1,2,3-Trichloropropane
Concen: 153.692 ug/l m
RT: 11.226 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 75 Resp: 366171

Ion	Ratio	Lower	Upper
75	100		
77	39.7	18.8	56.4

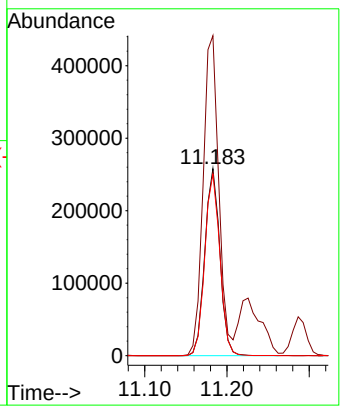




#77
Bromobenzene
Concen: 152.818 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:156 Resp: 32833

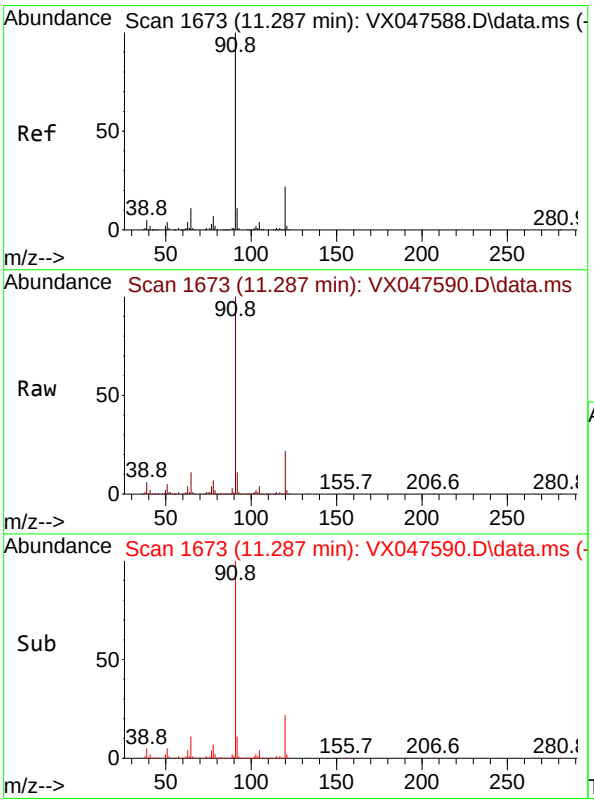
Ion	Ratio	Lower	Upper
156	100		
77	178.2	89.7	269.1
158	97.5	47.9	143.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

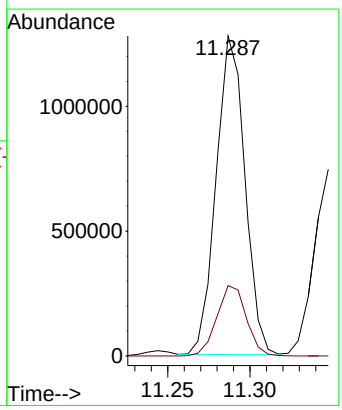
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

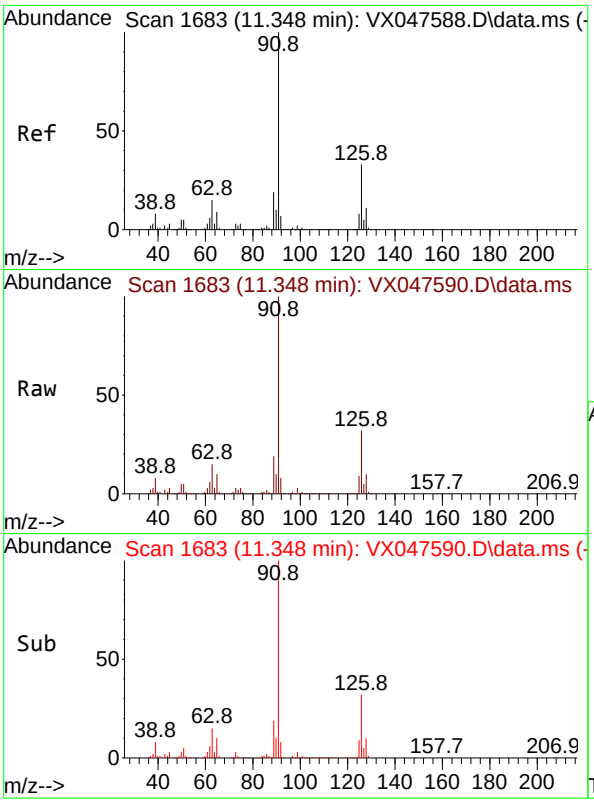


#78
n-propylbenzene
Concen: 150.337 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 91 Resp: 1550316

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.1	33.1

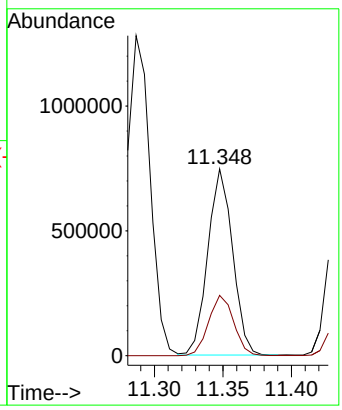




#79
2-Chlorotoluene
Concen: 148.781 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 91 Resp: 93970

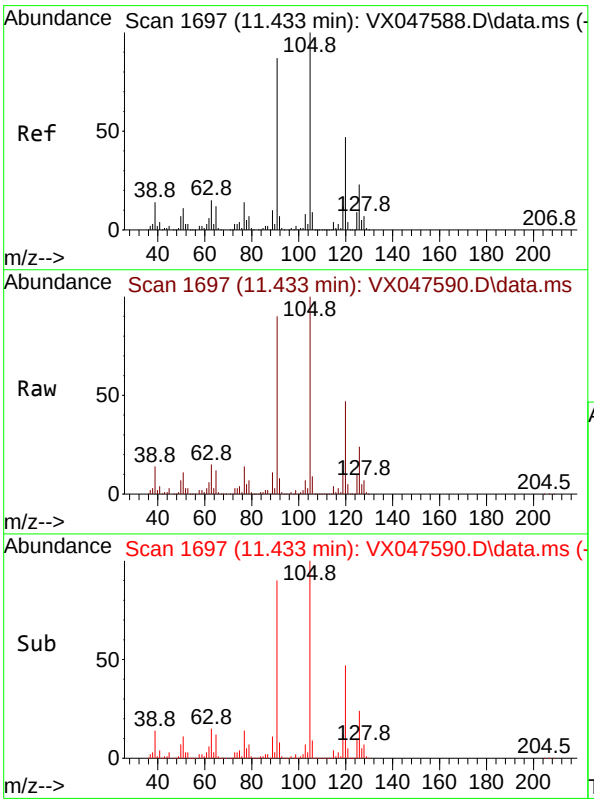
Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.1	48.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

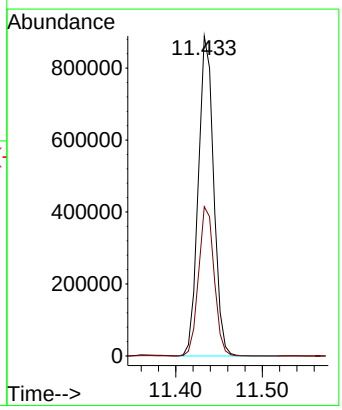
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

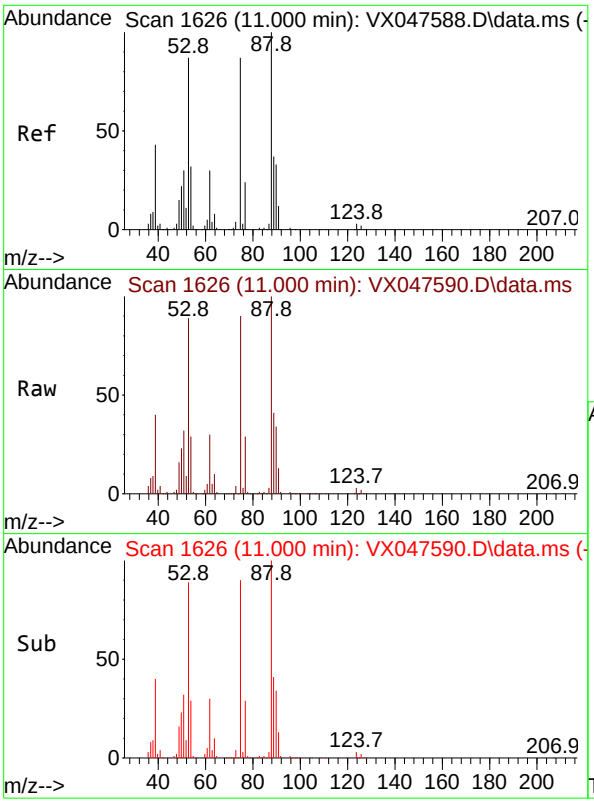


#80
1,3,5-Trimethylbenzene
Concen: 152.306 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:105 Resp: 1091593

Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.6	70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 160.176 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

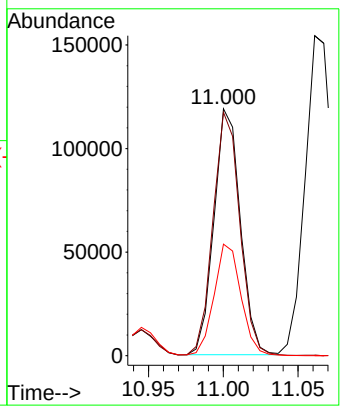
Tgt Ion: 75 Resp: 14592

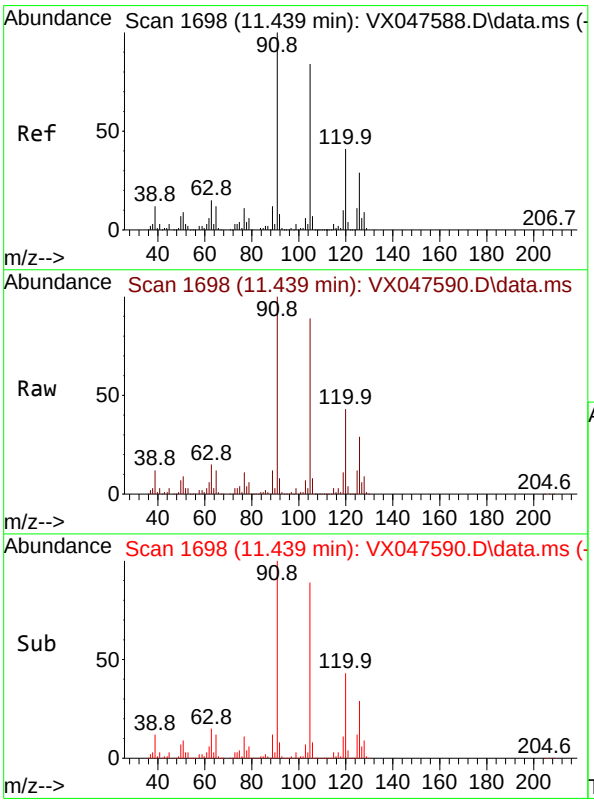
Ion	Ratio	Lower	Upper
75	100		
53	100.8	83.4	125.2
89	46.3	36.3	54.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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

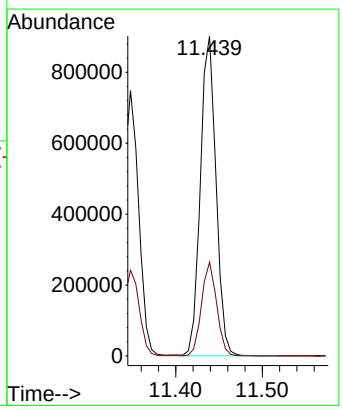


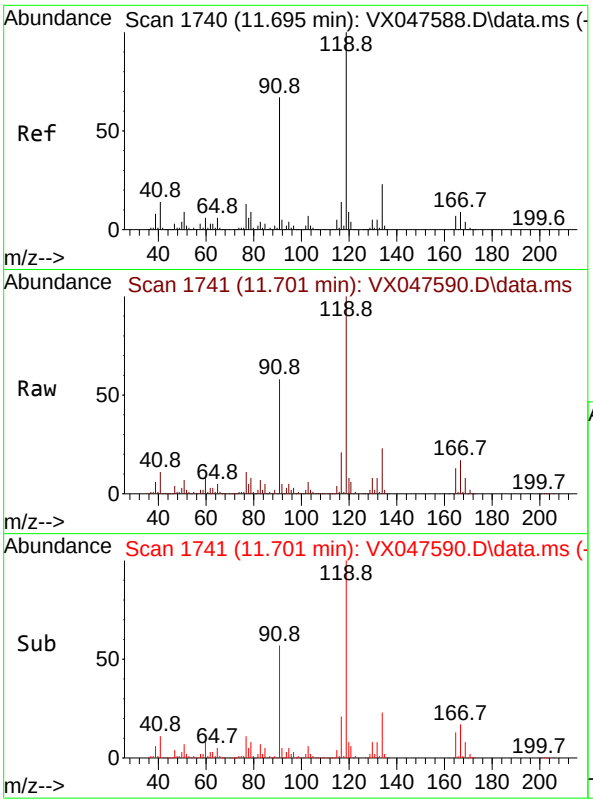


#82
4-Chlorotoluene
Concen: 151.112 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 91 Resp: 1127233

Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.2	42.6

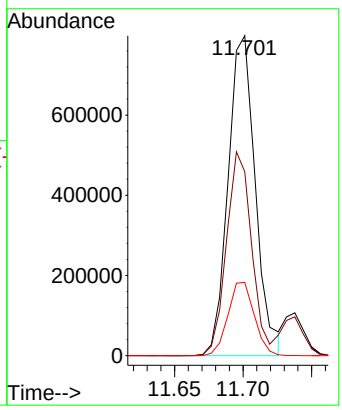




#83
tert-Butylbenzene
Concen: 150.819 ug/l
RT: 11.701 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:119 Resp: 110653

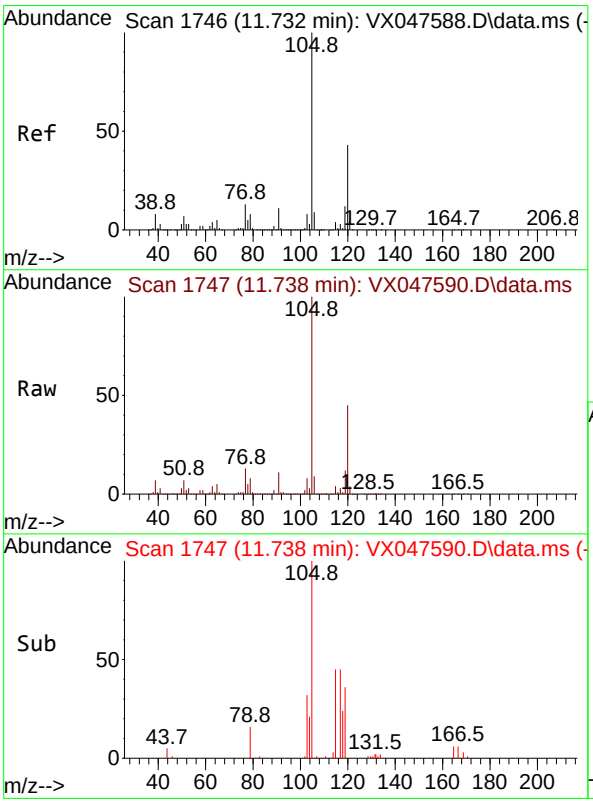
Ion	Ratio	Lower	Upper
119	100		
91	58.7	29.6	88.8
134	22.3	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

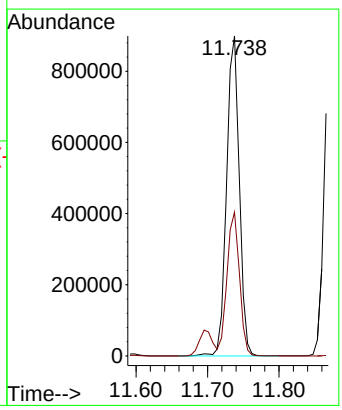
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

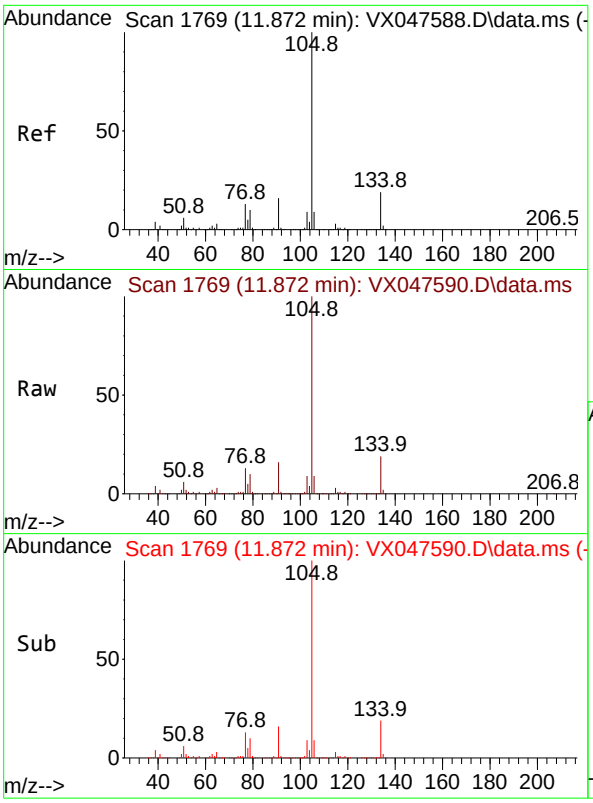


#84
1,2,4-Trimethylbenzene
Concen: 152.336 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:105 Resp: 1106914

Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.1	66.1

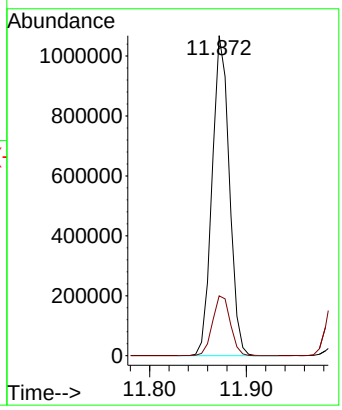




#85
sec-Butylbenzene
Concen: 151.448 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:105 Resp: 131981

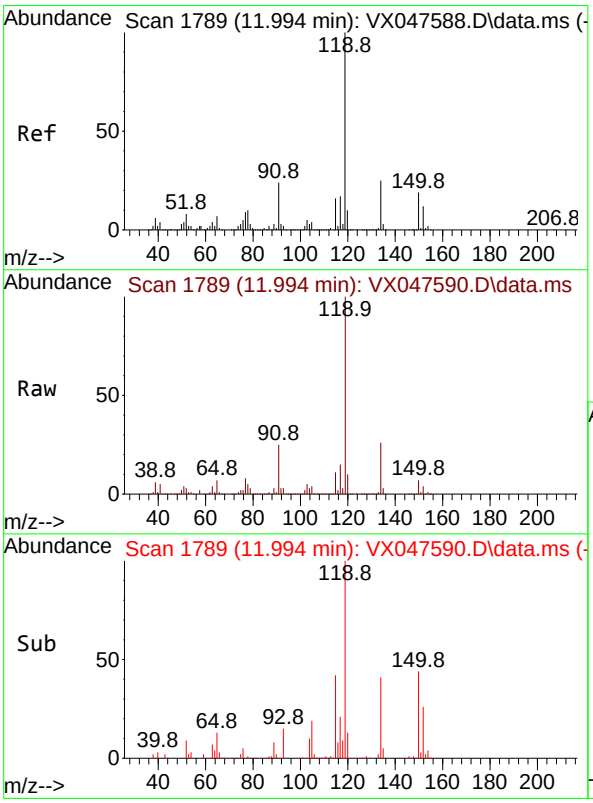
Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

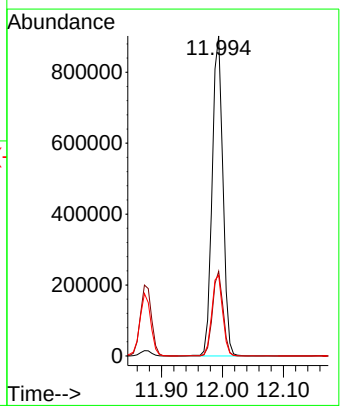
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

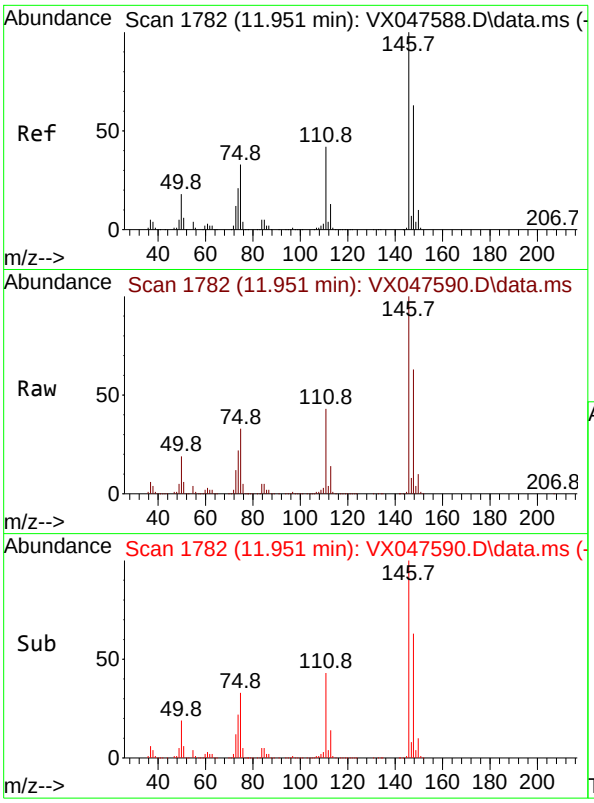


#86
p-Isopropyltoluene
Concen: 149.530 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:119 Resp: 1103210

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.6	37.8
91	25.3	12.6	37.6

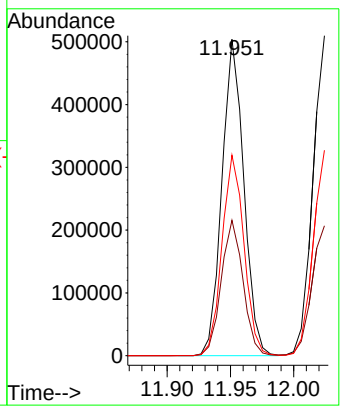




#87
1,3-Dichlorobenzene
Concen: 151.633 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:146 Resp: 60512

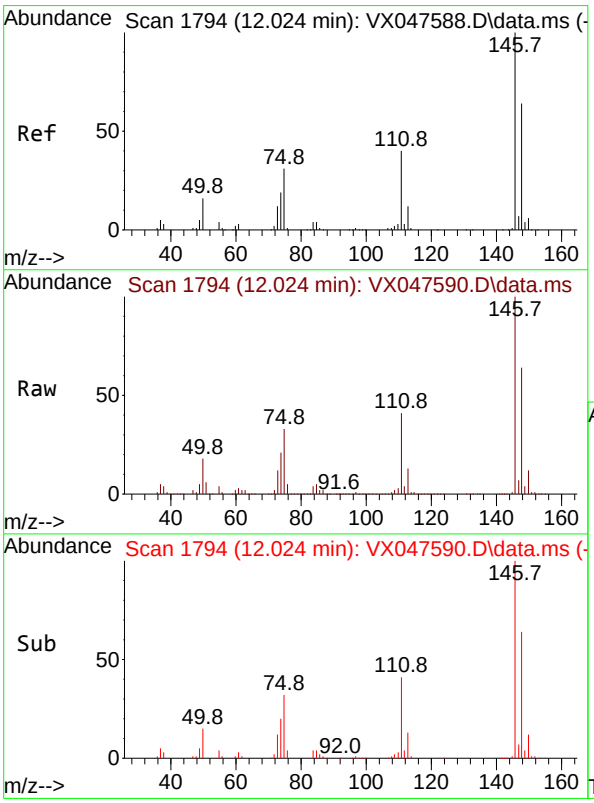
Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.5	64.5
148	63.8	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

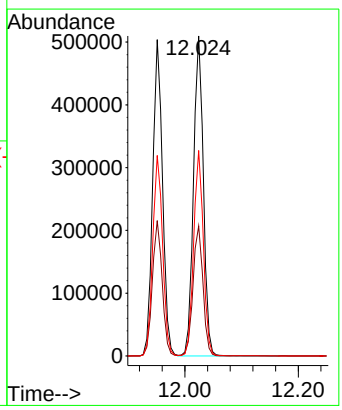
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

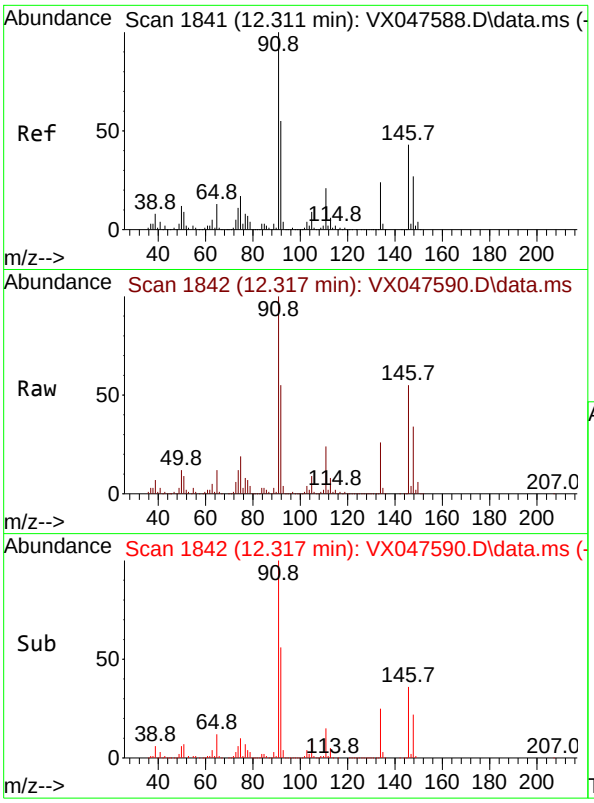


#88
1,4-Dichlorobenzene
Concen: 149.814 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:146 Resp: 613617

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.8	62.4
148	63.2	31.7	95.1

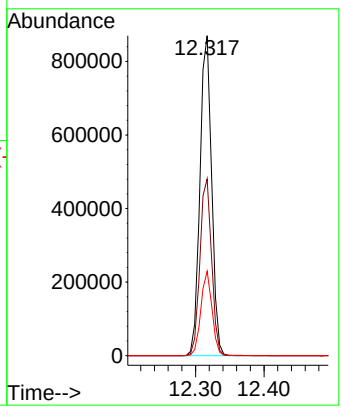




#89
n-Butylbenzene
Concen: 151.222 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 91 Resp: 103235

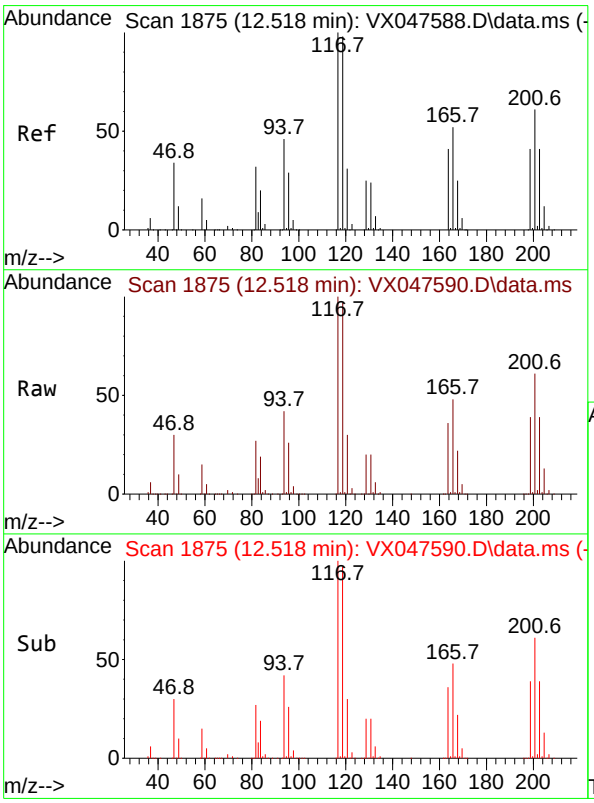
Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.6	82.7
134	25.2	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

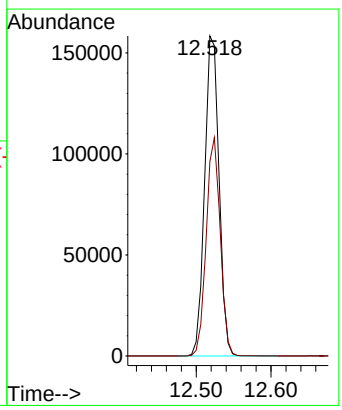
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

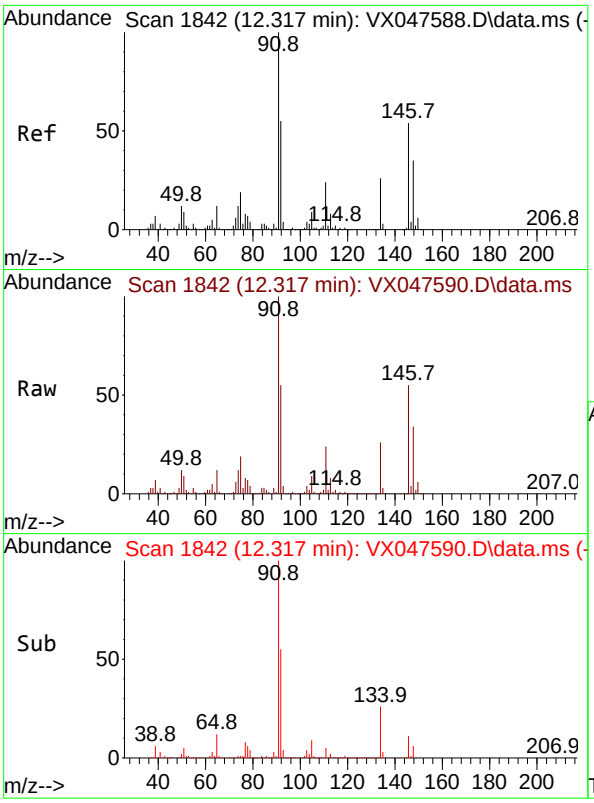


#90
Hexachloroethane
Concen: 163.258 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:117 Resp: 211472

Ion	Ratio	Lower	Upper
117	100		
201	66.6	34.2	102.5

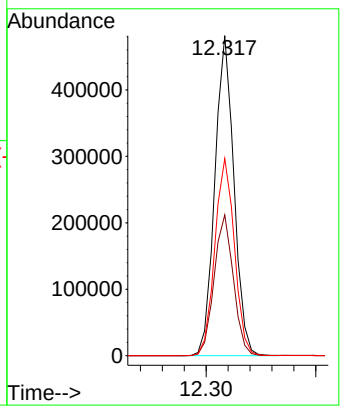




#91
1,2-Dichlorobenzene
Concen: 153.227 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:146 Resp: 58256

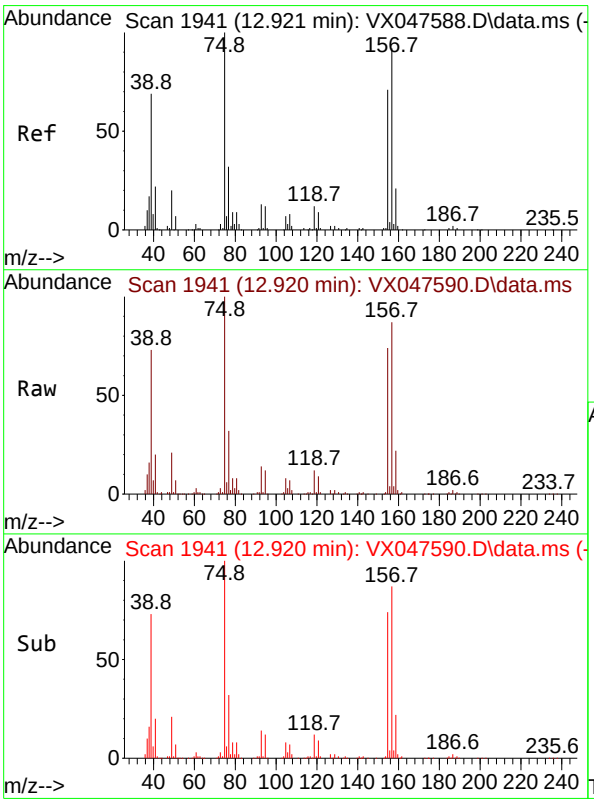
Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.2	66.6
148	63.5	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

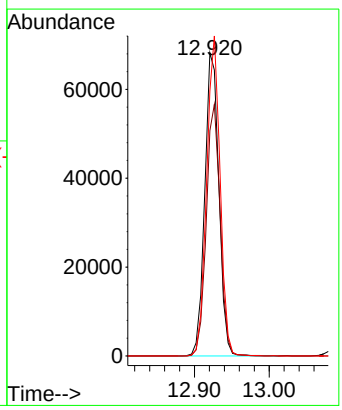
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

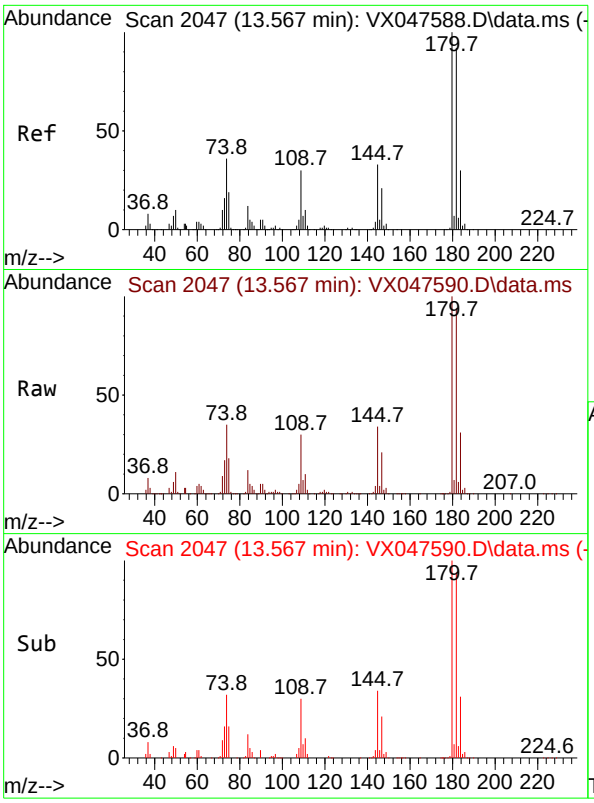


#92
1,2-Dibromo-3-Chloropropane
Concen: 167.332 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 75 Resp: 89415

Ion	Ratio	Lower	Upper
75	100		
155	81.3	37.7	113.1
157	100.6	49.8	149.4

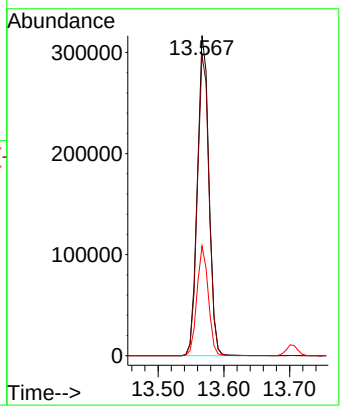




#93
1,2,4-Trichlorobenzene
Concen: 156.884 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:180 Resp: 38765

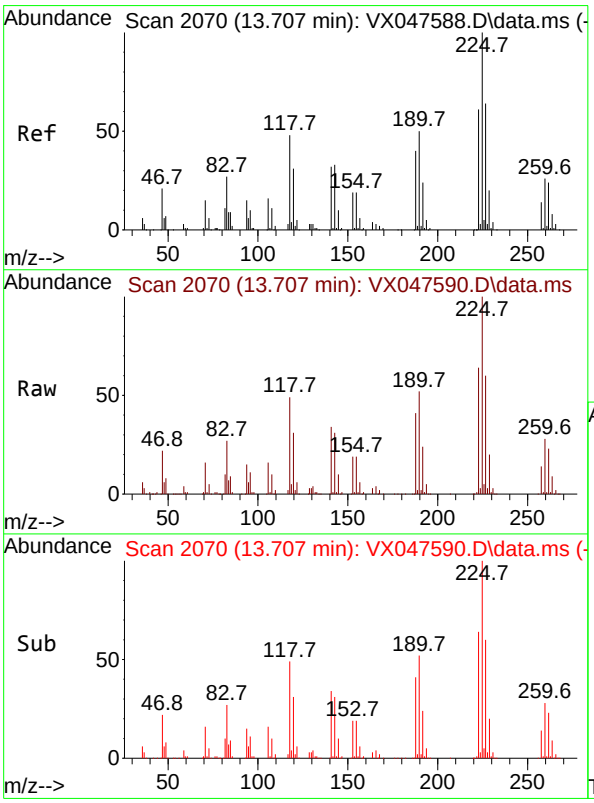
Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.6	139.8
145	33.5	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

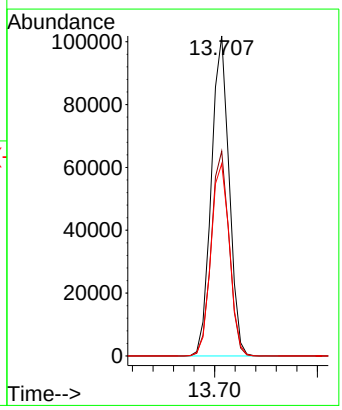
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

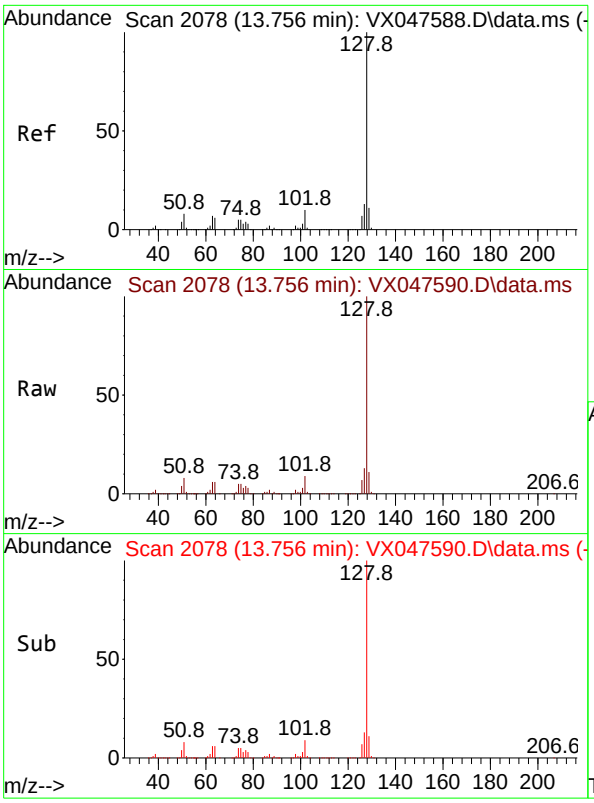


#94
Hexachlorobutadiene
Concen: 145.110 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:225 Resp: 121791

Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.7	95.1
227	62.8	32.0	96.0

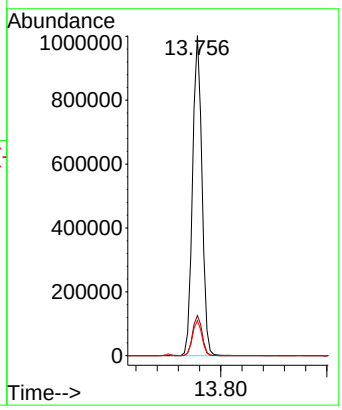




#95
Naphthalene
Concen: 163.388 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:128 Resp: 122936

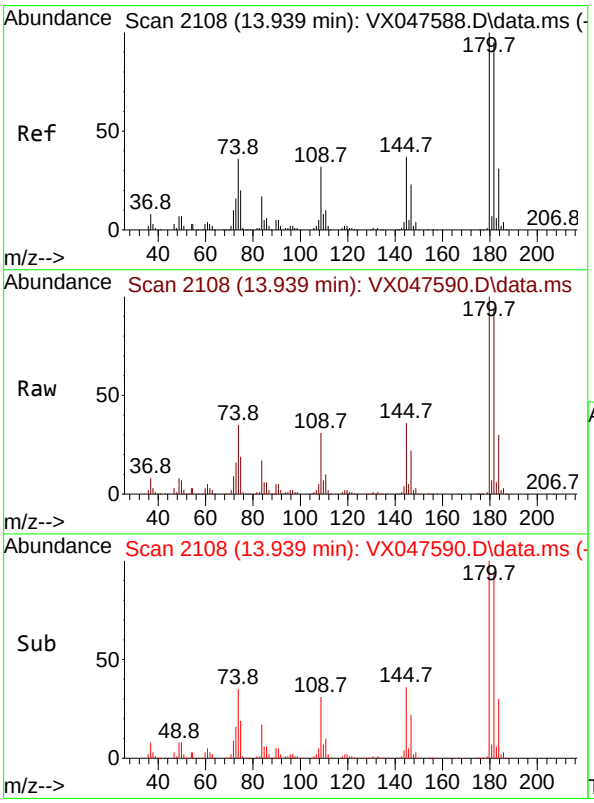
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.9	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

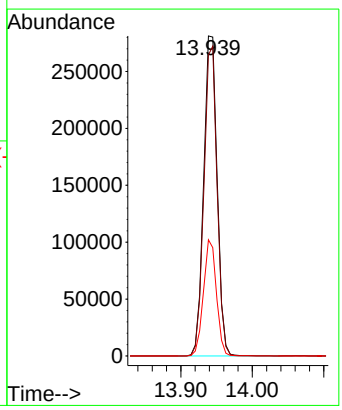
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 160.704 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:180 Resp: 369382

Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.6	142.8
145	34.9	17.9	53.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	186484	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	331837	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	288660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	139252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	135209	45.550	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.100%		
35) Dibromofluoromethane	5.367	113	101390	45.559	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.120%		
50) Toluene-d8	8.634	98	357393	46.411	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.820%		
62) 4-Bromofluorobenzene	11.061	95	135957	46.520	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.040%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	86110	44.592	ug/l	94
3) Chloromethane	1.300	50	110935	43.710	ug/l	99
4) Vinyl Chloride	1.380	62	113742	45.783	ug/l	99
5) Bromomethane	1.617	94	76388	48.489	ug/l	99
6) Chloroethane	1.697	64	77337	46.575	ug/l	99
7) Trichlorofluoromethane	1.892	101	173647	47.074	ug/l	98
8) Diethyl Ether	2.136	74	70459	46.693	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	104663	48.524	ug/l	99
10) Methyl Iodide	2.453	142	155450	46.210	ug/l	99
11) Tert butyl alcohol	2.940	59	84722	256.271	ug/l	100
12) 1,1-Dichloroethene	2.325	96	104302	47.076	ug/l	98
13) Acrolein	2.233	56	77645	254.867	ug/l	99
14) Allyl chloride	2.666	41	213704	46.742	ug/l	99
15) Acrylonitrile	3.056	53	310505	253.567	ug/l	99
16) Acetone	2.373	43	316217	245.006	ug/l	97
17) Carbon Disulfide	2.514	76	272741	44.966	ug/l	97
18) Methyl Acetate	2.697	43	158480	55.175	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	392574	48.538	ug/l	100
20) Methylene Chloride	2.788	84	125669	46.000	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	111418	46.709	ug/l	99
22) Diisopropyl ether	3.745	45	426854	48.174	ug/l #	83
23) Vinyl Acetate	3.709	43	1741267	245.539	ug/l	99
24) 1,1-Dichloroethane	3.599	63	226249	48.041	ug/l	99
25) 2-Butanone	4.532	43	408273	253.598	ug/l	97
26) 2,2-Dichloropropane	4.458	77	193760	49.494	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	142635	48.826	ug/l	99
28) Bromochloromethane	4.879	49	95782	46.586	ug/l	99
29) Tetrahydrofuran	4.983	42	245392	253.375	ug/l	99
30) Chloroform	5.074	83	231954	48.739	ug/l	99
31) Cyclohexane	5.458	56	180430	45.999	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	197711	48.978	ug/l	100
36) 1,1-Dichloropropene	5.678	75	151745	46.663	ug/l	99
37) Ethyl Acetate	4.690	43	171454	49.241	ug/l	98
38) Carbon Tetrachloride	5.659	117	165834	46.935	ug/l	95
39) Methylcyclohexane	7.360	83	179392	48.597	ug/l	98
40) Benzene	6.019	78	467748	47.357	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.897	41	90758	50.490	ug/l		98
42) 1,2-Dichloroethane	6.068	62	176131	46.867	ug/l		100
43) Isopropyl Acetate	6.318	43	280595	49.136	ug/l		100
44) Trichloroethene	7.104	130	114708	48.037	ug/l		98
45) 1,2-Dichloropropane	7.409	63	121532	48.053	ug/l		98
46) Dibromomethane	7.562	93	88297	47.976	ug/l		98
47) Bromodichloromethane	7.799	83	185219	48.769	ug/l		96
48) Methyl methacrylate	7.671	41	141532	49.757	ug/l		99
49) 1,4-Dioxane	7.641	88	31320	1089.520	ug/l		98
51) 4-Methyl-2-Pentanone	8.555	43	809759	255.752	ug/l		100
52) Toluene	8.702	92	292879	48.130	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	191863	49.527	ug/l		100
54) cis-1,3-Dichloropropene	8.348	75	203954	49.257	ug/l		97
55) 1,1,2-Trichloroethane	9.134	97	112094	47.772	ug/l		98
56) Ethyl methacrylate	9.098	69	189741	51.490	ug/l		99
57) 1,3-Dichloropropane	9.293	76	197079	48.894	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	394205	225.562	ug/l		99
59) 2-Hexanone	9.415	43	575599	253.126	ug/l		99
60) Dibromochloromethane	9.506	129	134704	49.824	ug/l		99
61) 1,2-Dibromoethane	9.592	107	117817	49.297	ug/l		99
64) Tetrachloroethene	9.256	164	90881	48.296	ug/l		98
65) Chlorobenzene	10.061	112	318372	48.549	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	110416	48.794	ug/l		98
67) Ethyl Benzene	10.177	91	563634	49.813	ug/l		99
68) m/p-Xylenes	10.287	106	416757	98.956	ug/l		99
69) o-Xylene	10.622	106	204323	50.159	ug/l		99
70) Styrene	10.640	104	353567	49.536	ug/l		99
71) Bromoform	10.780	173	86524	51.207	ug/l	#	98
73) Isopropylbenzene	10.945	105	523826	49.479	ug/l		100
74) N-amyl acetate	10.823	43	243198	50.375	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	159676	49.851	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	149779m	53.124	ug/l		
77) Bromobenzene	11.183	156	125610	48.173	ug/l		98
78) n-propylbenzene	11.286	91	616928	49.295	ug/l		99
79) 2-Chlorotoluene	11.347	91	376486	49.117	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	435375	50.055	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	55880	50.543	ug/l		99
82) 4-Chlorotoluene	11.433	91	445075	49.164	ug/l		100
83) tert-Butylbenzene	11.695	119	442341	49.679	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	440134	49.911	ug/l		99
85) sec-Butylbenzene	11.872	105	529869	50.100	ug/l		100
86) p-Isopropyltoluene	11.994	119	446441	49.861	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	237383	49.014	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	243618	49.011	ug/l		99
89) n-Butylbenzene	12.317	91	420478	50.752	ug/l		100
90) Hexachloroethane	12.518	117	79751	50.732	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	227493	49.304	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	33020	50.918	ug/l		96
93) 1,2,4-Trichlorobenzene	13.567	180	153333	51.133	ug/l		100
94) Hexachlorobutadiene	13.707	225	53099	52.131	ug/l		99
95) Naphthalene	13.756	128	464206	50.836	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	142413	51.054	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

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

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

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

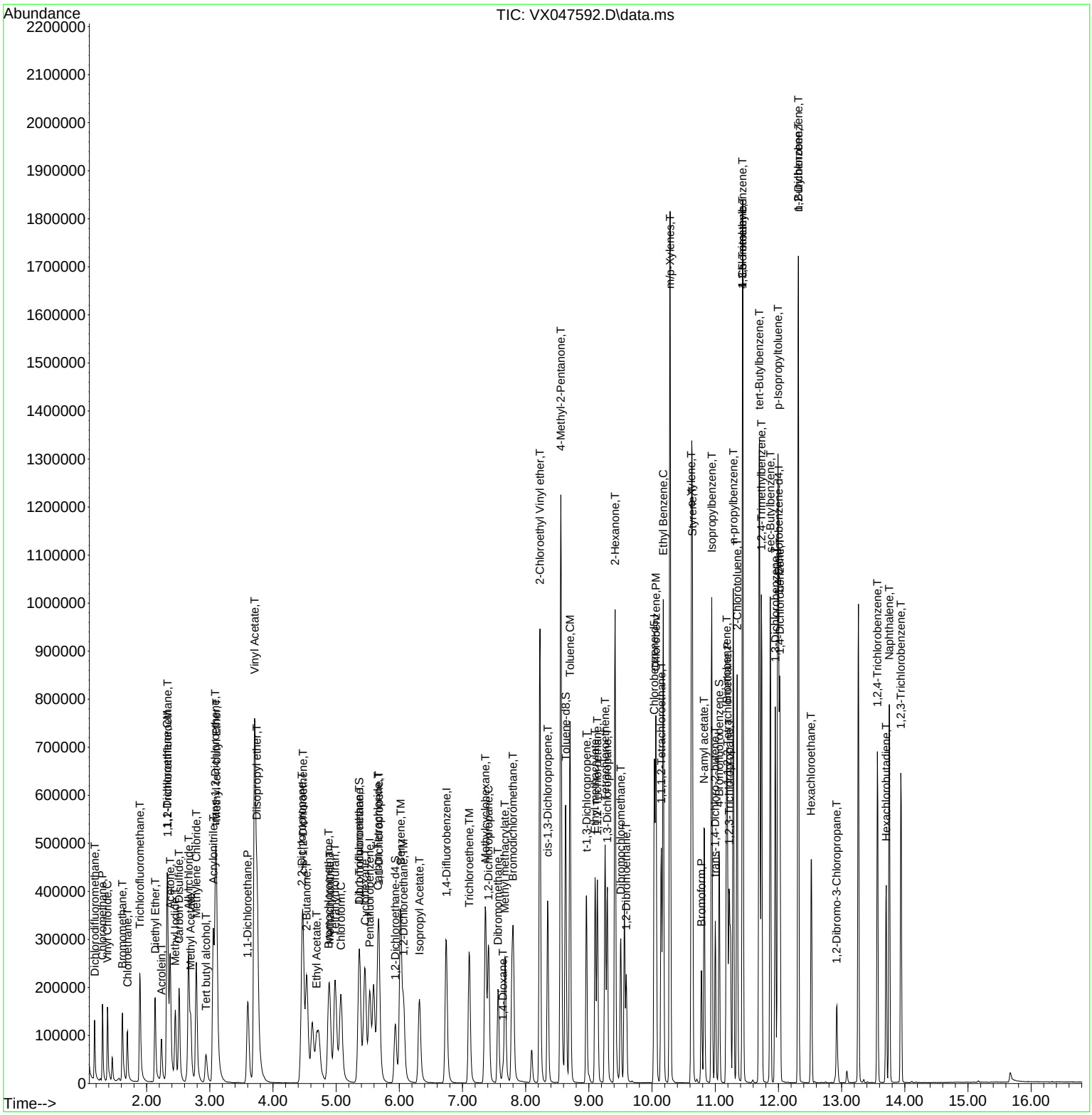
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Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

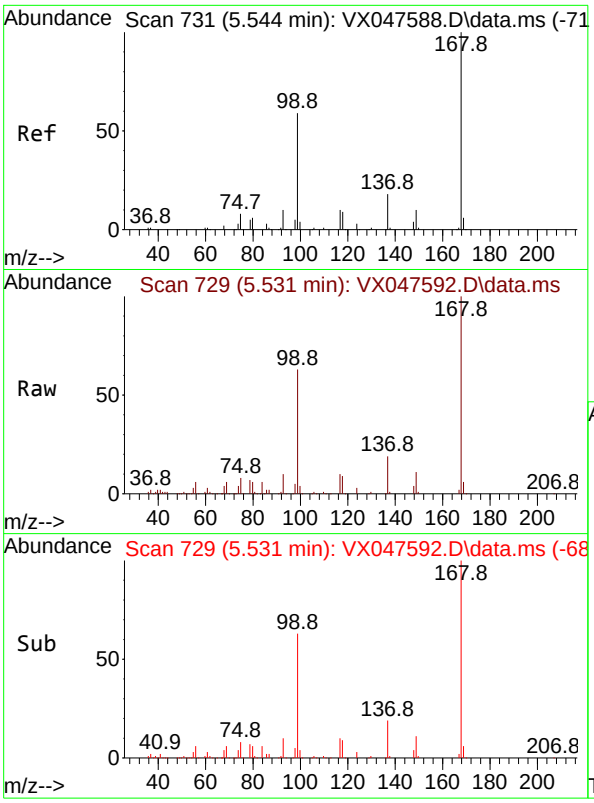
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Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

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

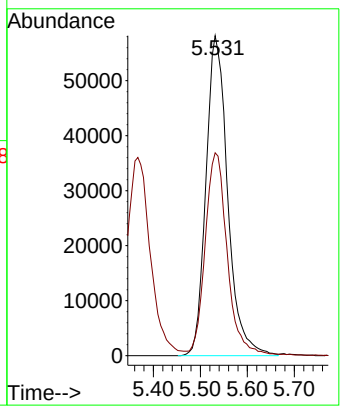




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:168 Resp: 18648

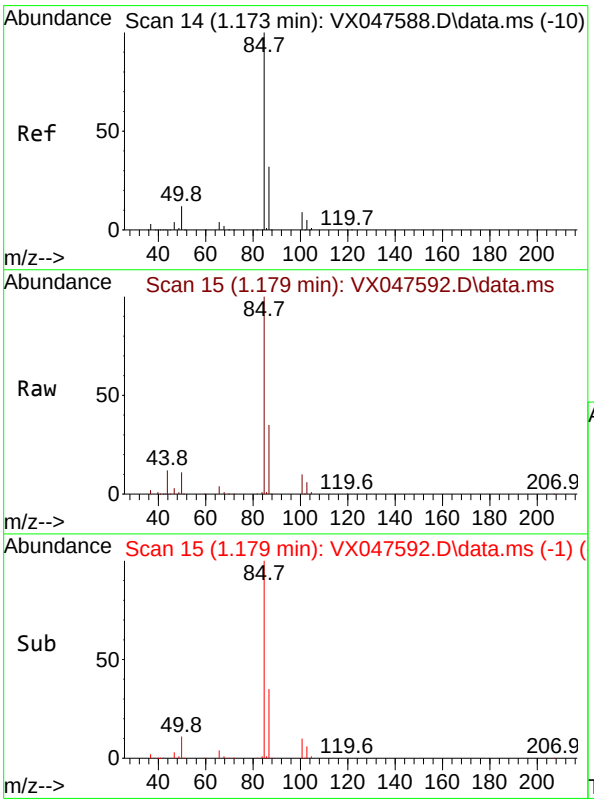
Ion	Ratio	Lower	Upper
168	100		
99	62.9	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

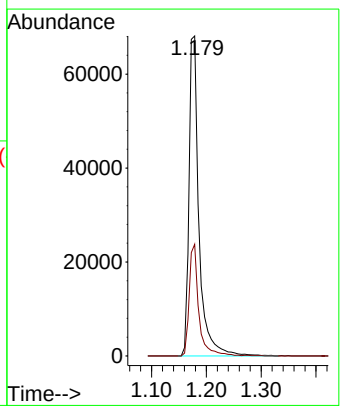
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

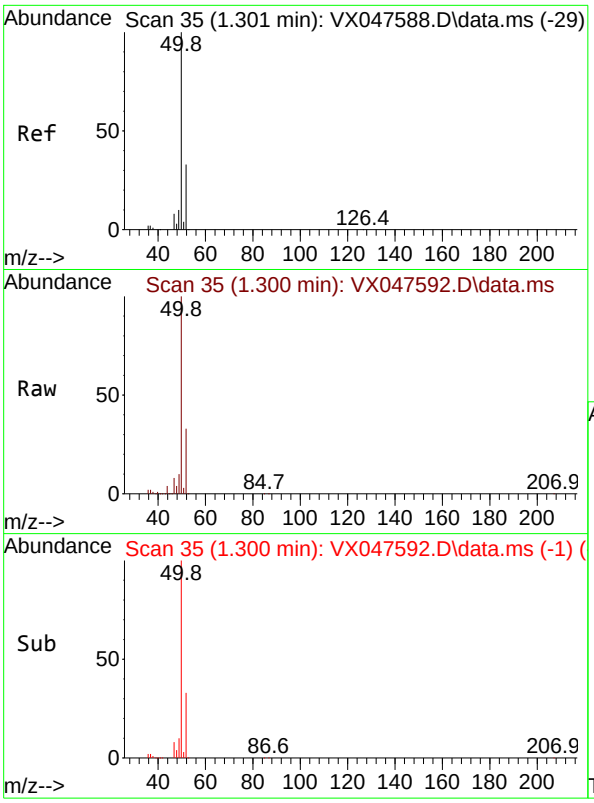


#2
Dichlorodifluoromethane
Concen: 44.592 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 85 Resp: 86110

Ion	Ratio	Lower	Upper
85	100		
87	34.9	15.8	47.3

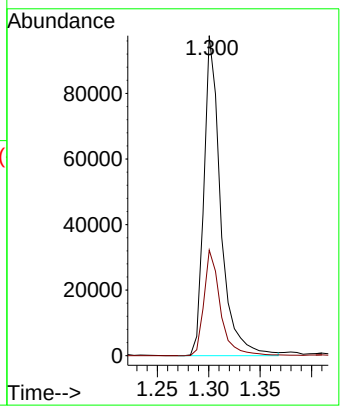




#3
Chloromethane
Concen: 43.710 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 50 Resp: 11093

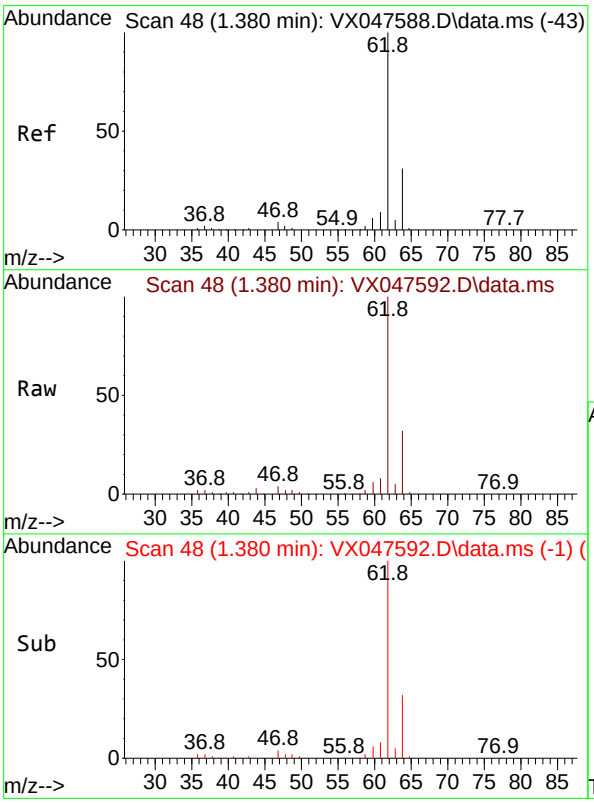
Ion	Ratio	Lower	Upper
50	100		
52	33.0	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
APPROVED

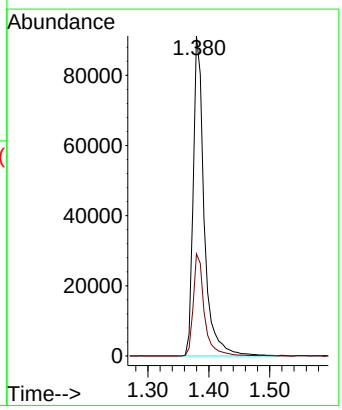
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

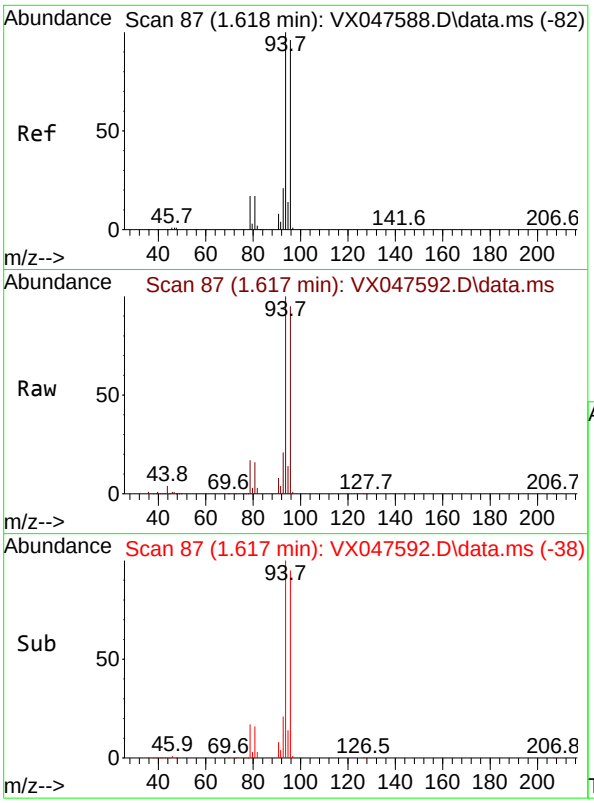


#4
Vinyl Chloride
Concen: 45.783 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 62 Resp: 113742

Ion	Ratio	Lower	Upper
62	100		
64	31.9	24.9	37.3

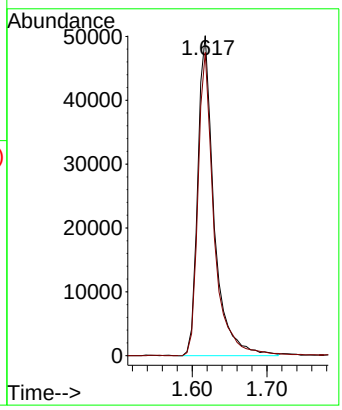




#5
Bromomethane
Concen: 48.489 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 94 Resp: 7638

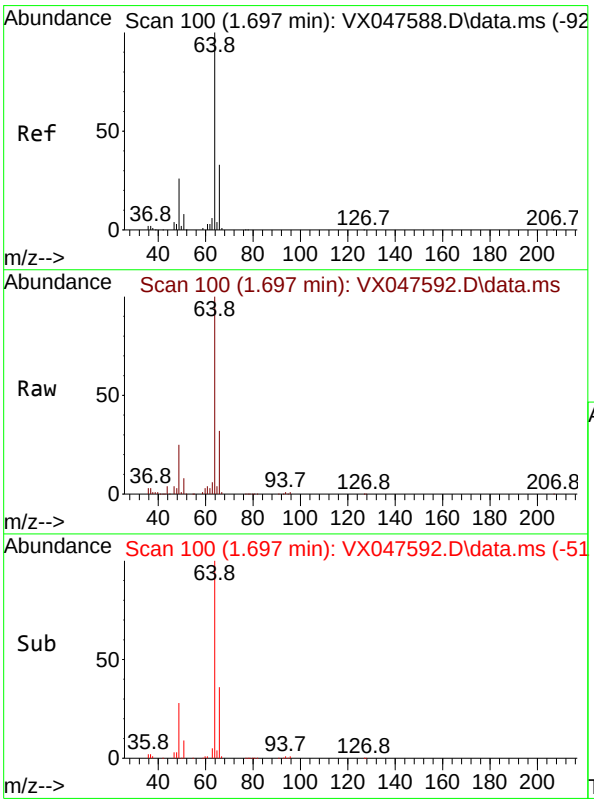
Ion	Ratio	Lower	Upper
94	100		
96	94.7	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

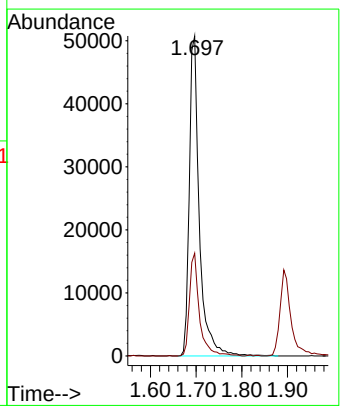
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

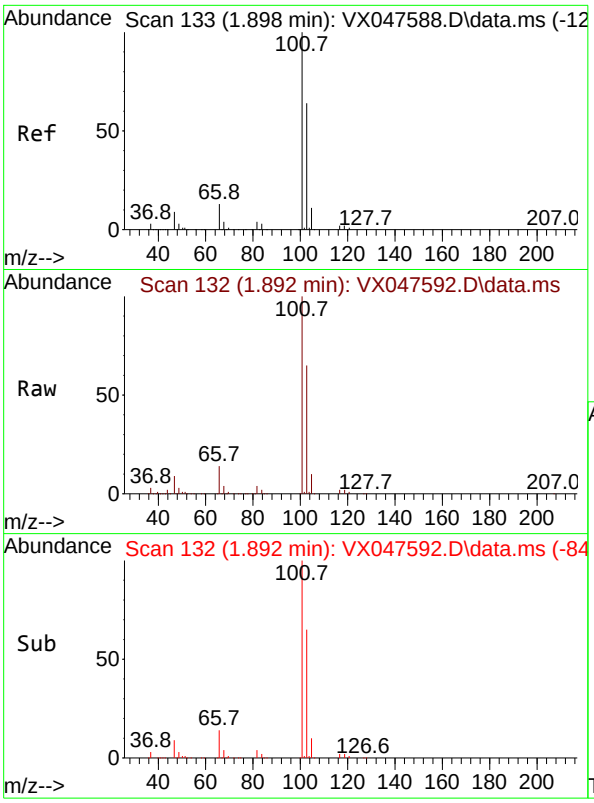


#6
Chloroethane
Concen: 46.575 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 64 Resp: 77337

Ion	Ratio	Lower	Upper
64	100		
66	32.1	26.1	39.1

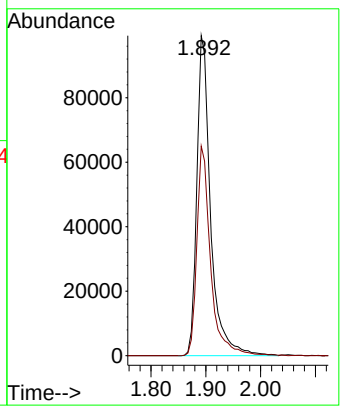




#7
Trichlorofluoromethane
Concen: 47.074 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:101 Resp: 17364

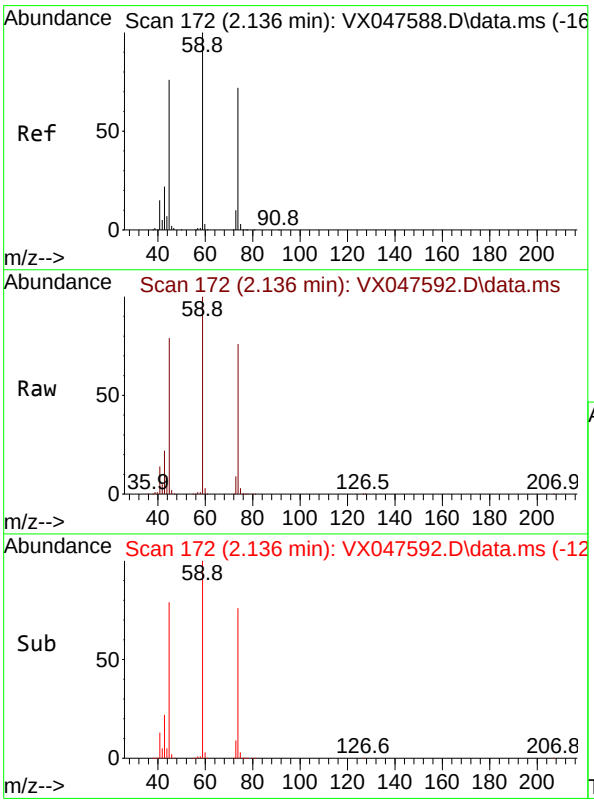
Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

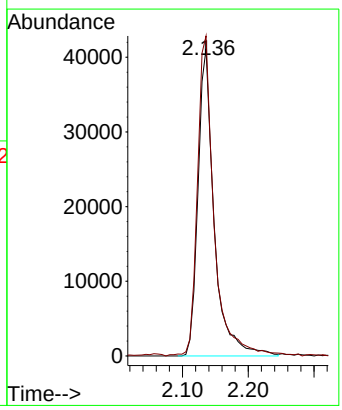
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

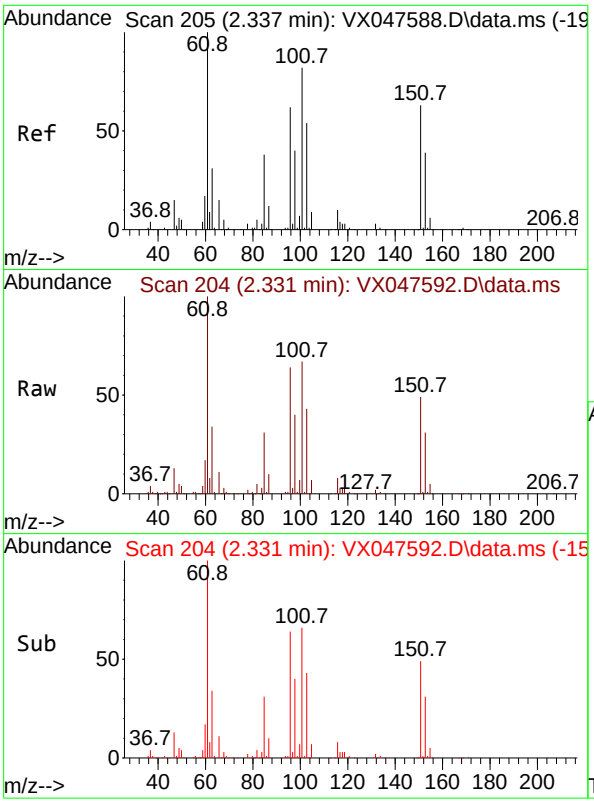


#8
Diethyl Ether
Concen: 46.693 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 74 Resp: 70459

Ion	Ratio	Lower	Upper
74	100		
45	107.1	52.3	156.8

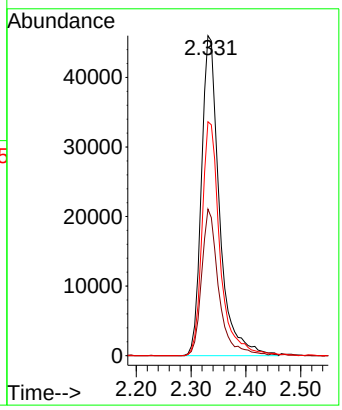




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.524 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:101 Resp: 10466

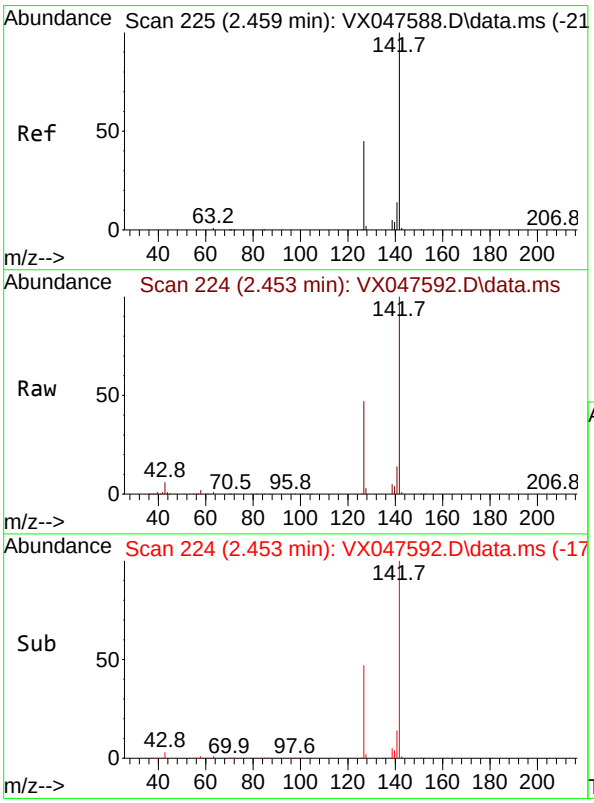
Ion	Ratio	Lower	Upper
101	100		
85	44.1	35.5	53.3
151	73.3	59.4	89.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

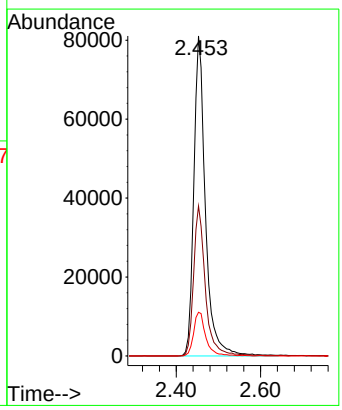
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

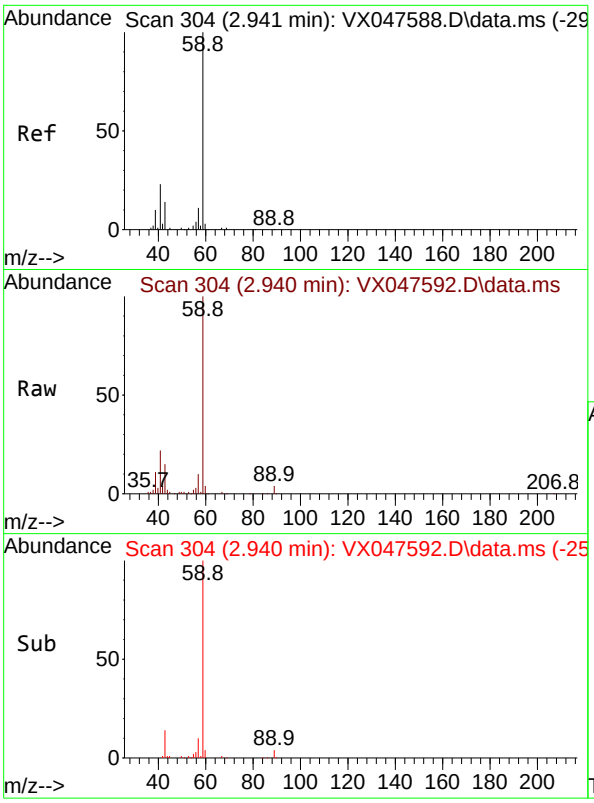


#10
Methyl Iodide
Concen: 46.210 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:142 Resp: 155450

Ion	Ratio	Lower	Upper
142	100		
127	47.6	37.2	55.8
141	14.4	11.4	17.0

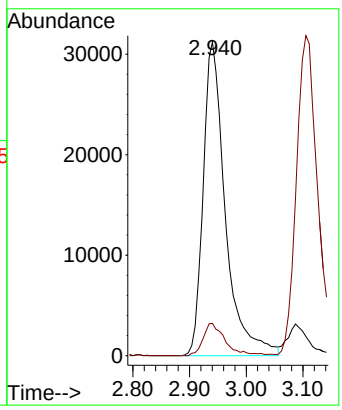




#11
Tert butyl alcohol
Concen: 256.271 ug/l
RT: 2.940 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 59 Resp: 8472

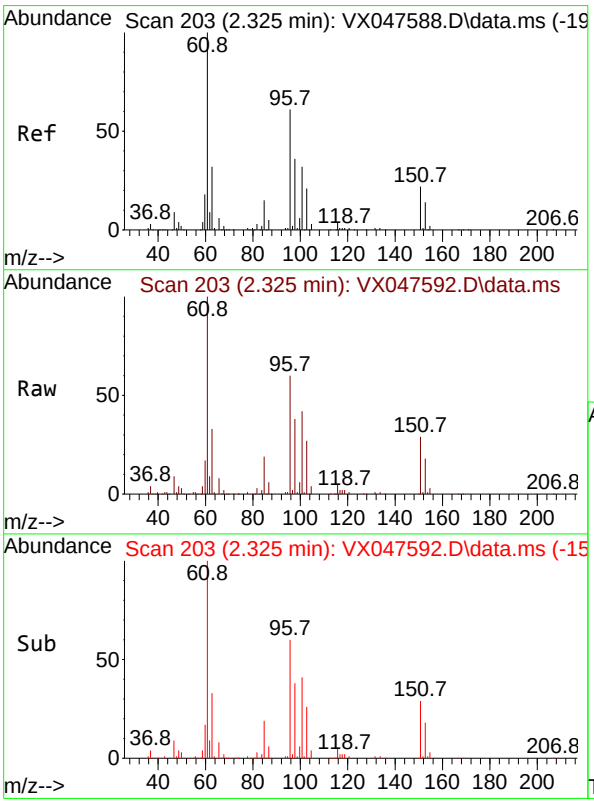
Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
APPROVED

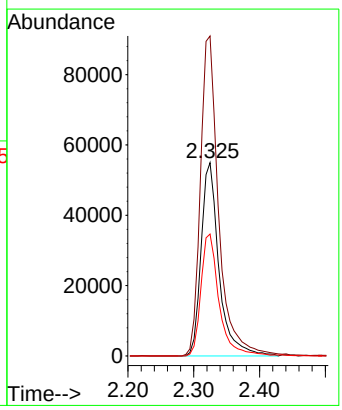
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

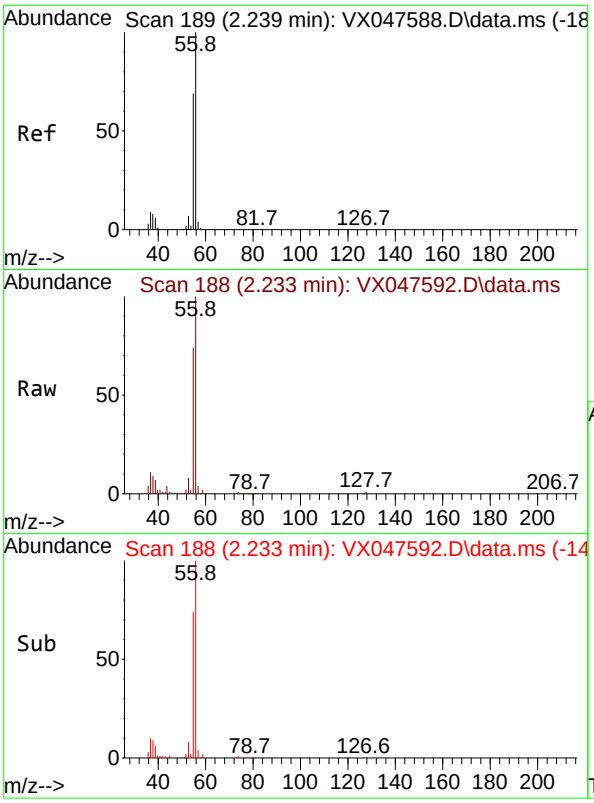


#12
1,1-Dichloroethene
Concen: 47.076 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 96 Resp: 104302

Ion	Ratio	Lower	Upper
96	100		
61	165.6	131.0	196.6
98	63.1	47.7	71.5

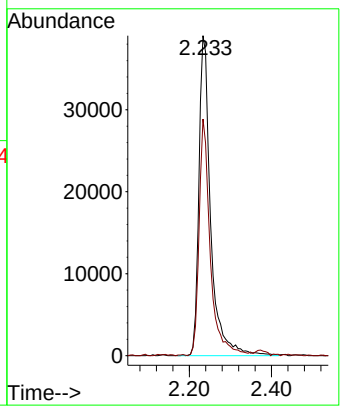




#13
Acrolein
Concen: 254.867 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 56 Resp: 7764

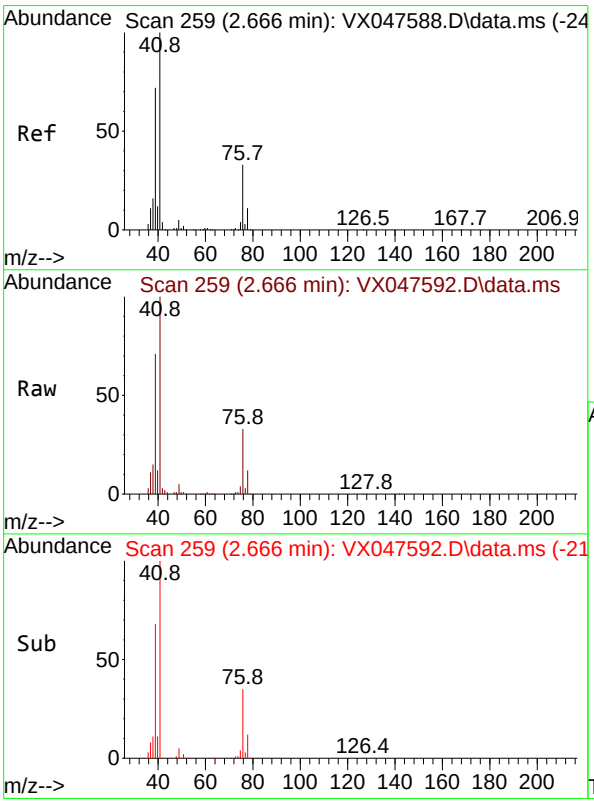
Ion	Ratio	Lower	Upper
56	100		
55	70.3	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
APPROVED

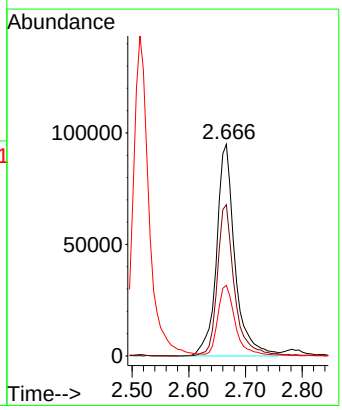
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

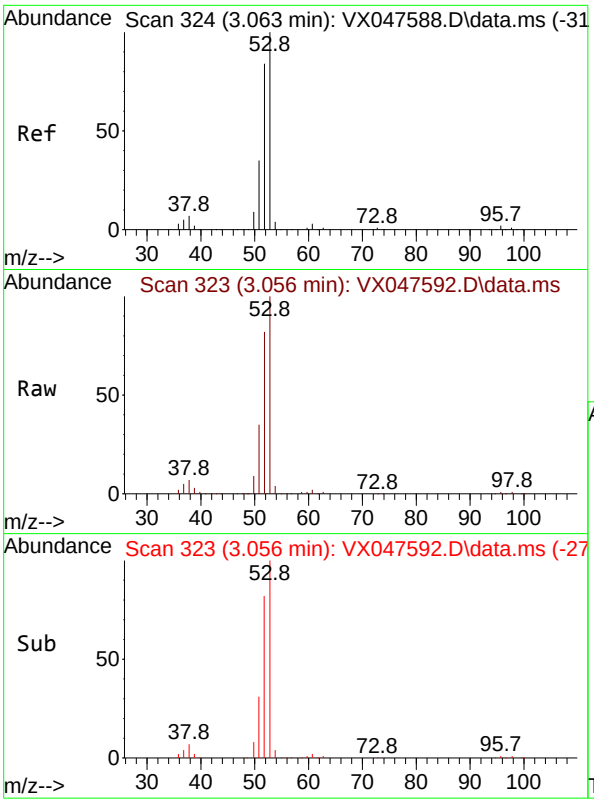


#14
Allyl chloride
Concen: 46.742 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 41 Resp: 213704

Ion	Ratio	Lower	Upper
41	100		
39	67.2	54.7	82.1
76	31.7	25.7	38.5

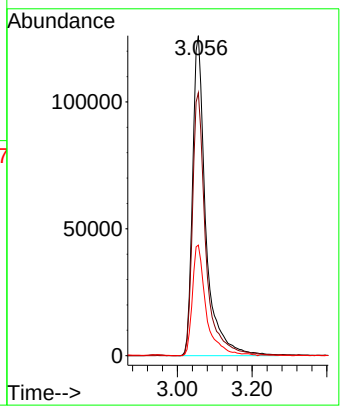




#15
Acrylonitrile
Concen: 253.567 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 53 Resp: 31050

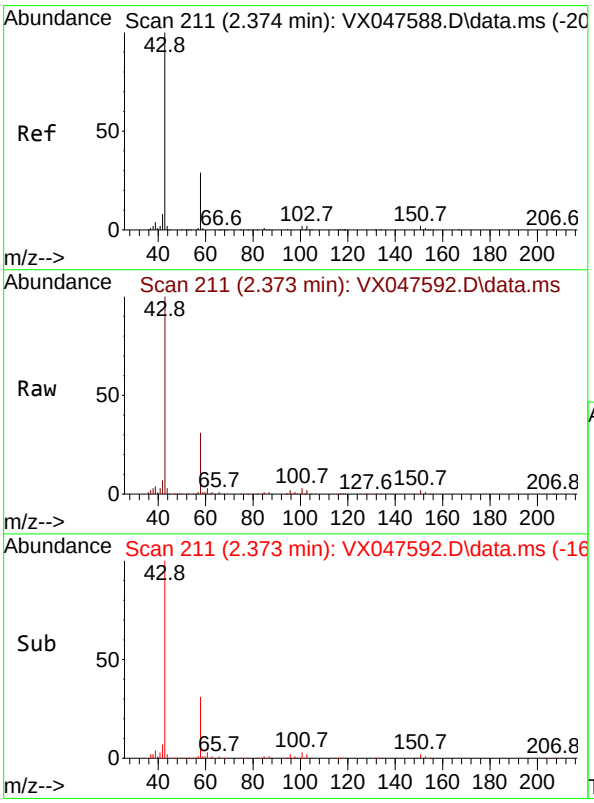
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.4	99.6
51	36.2	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

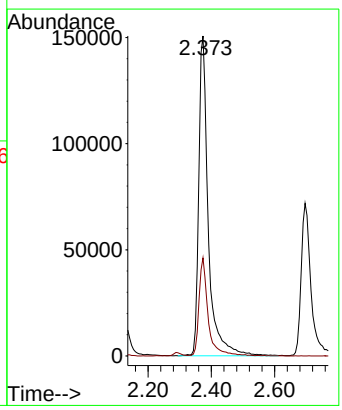
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

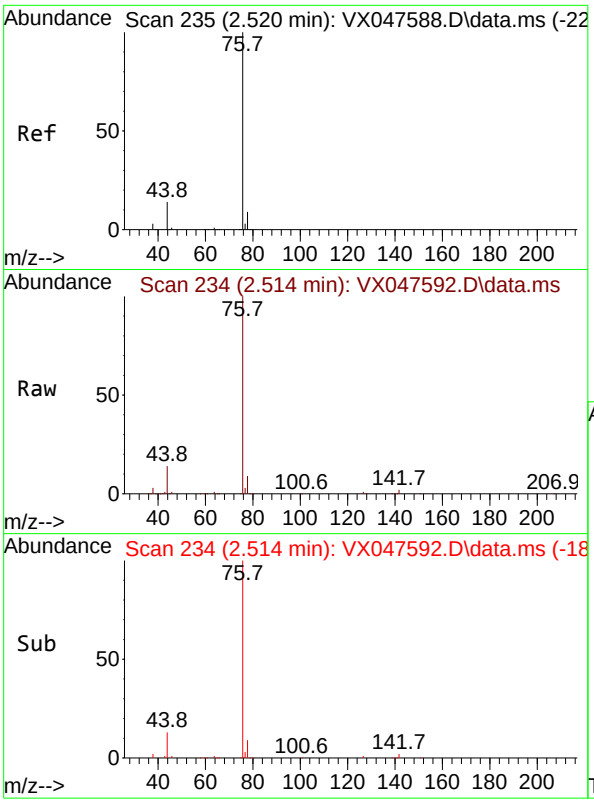


#16
Acetone
Concen: 245.006 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 316217

Ion	Ratio	Lower	Upper
43	100		
58	30.6	23.4	35.0

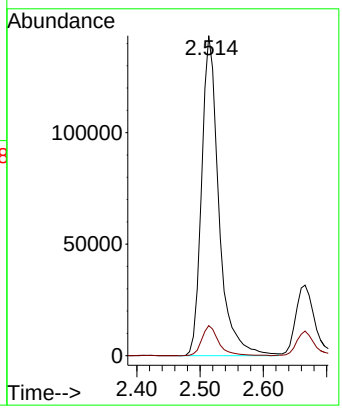




#17
Carbon Disulfide
Concen: 44.966 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 76 Resp: 27274

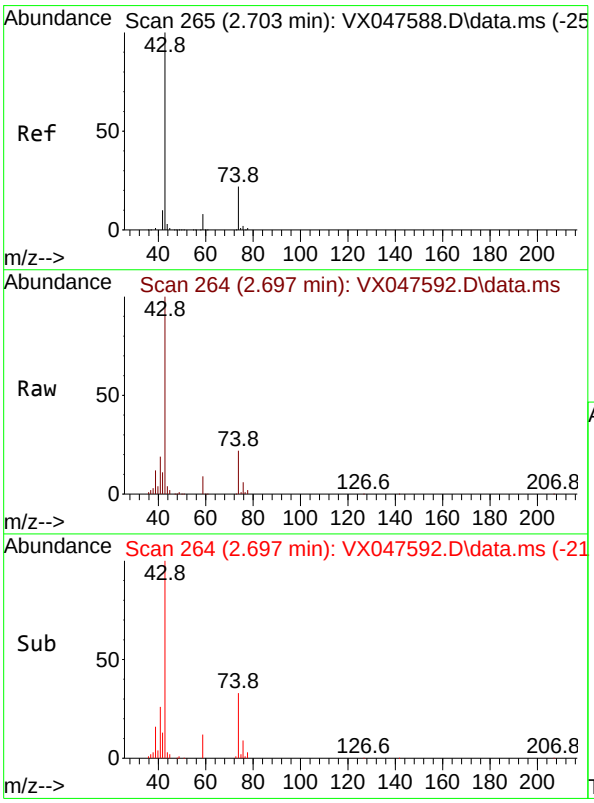
Ion	Ratio	Lower	Upper
76	100		
78	9.6	6.8	10.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

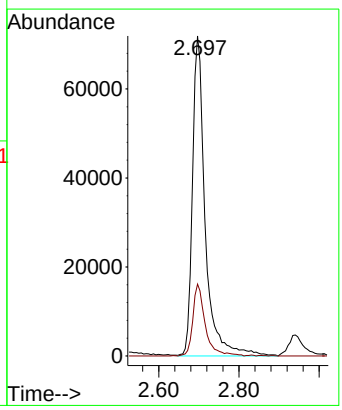
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

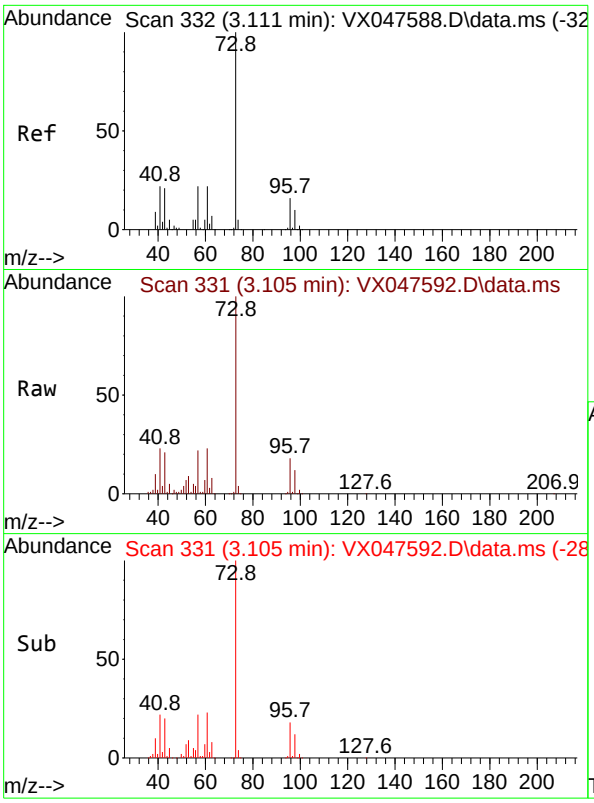


#18
Methyl Acetate
Concen: 55.175 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 158480

Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.4	26.2

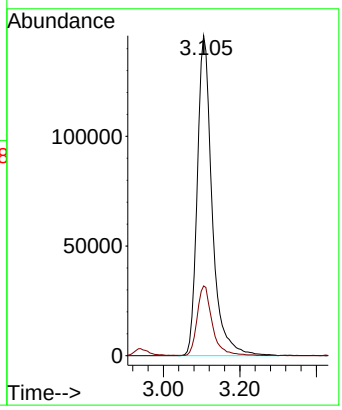




#19
Methyl tert-butyl Ether
Concen: 48.538 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 73 Resp: 39257

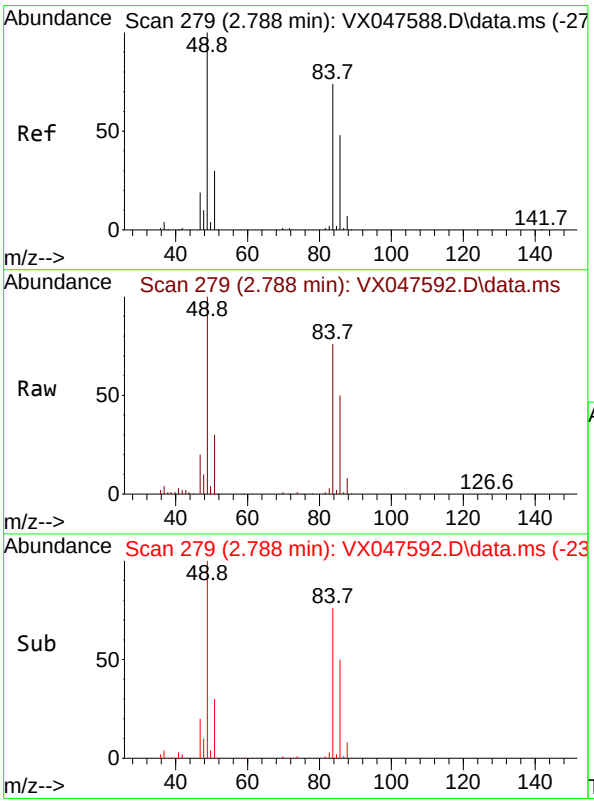
Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
APPROVED

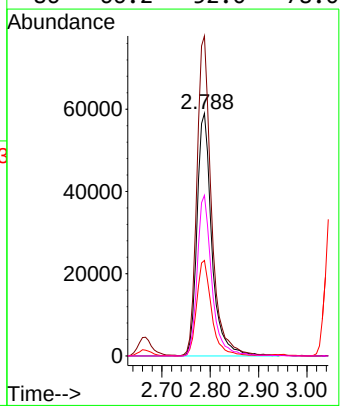
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

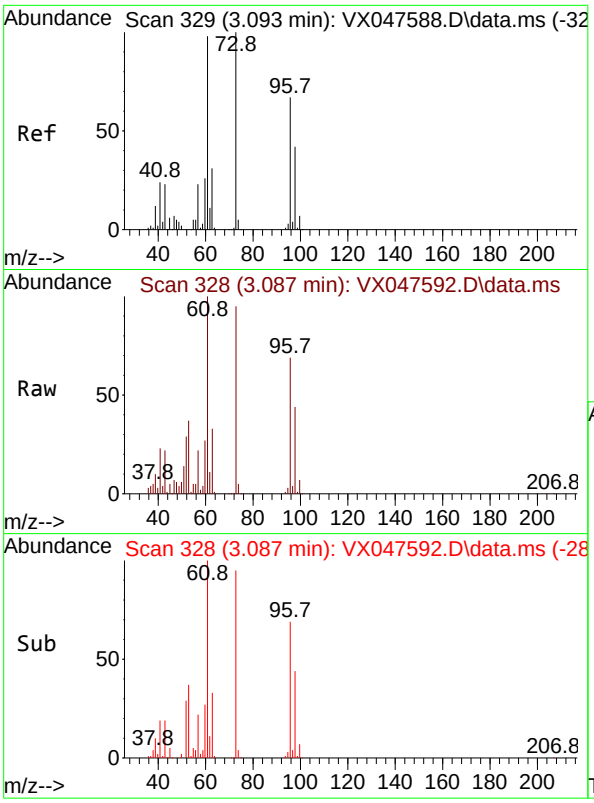


#20
Methylene Chloride
Concen: 46.000 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 84 Resp: 125669

Ion	Ratio	Lower	Upper
84	100		
49	131.8	108.6	162.8
51	39.4	32.6	48.8
86	66.2	52.0	78.0

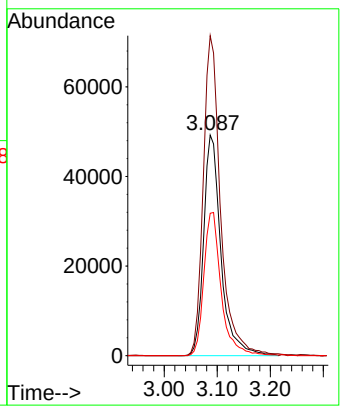




#21
trans-1,2-Dichloroethene
Concen: 46.709 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 96 Resp: 11141

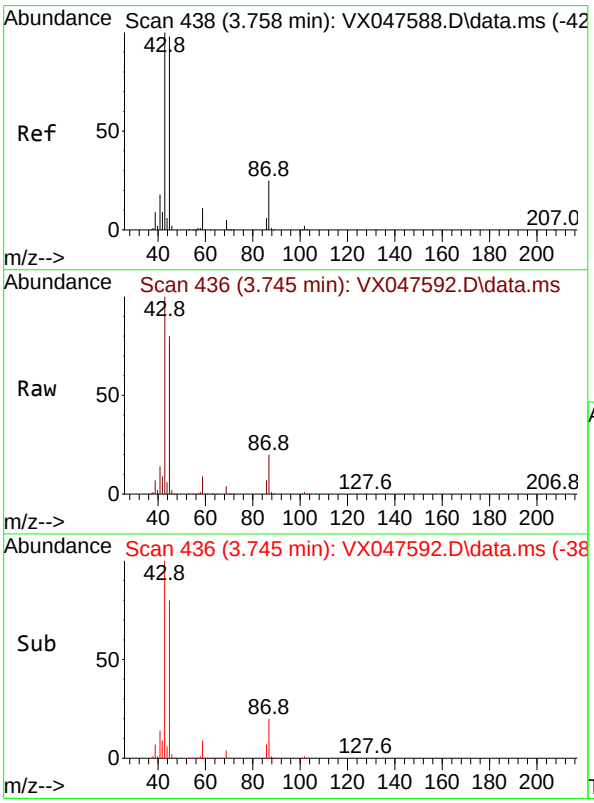
Ion	Ratio	Lower	Upper
96	100		
61	145.1	116.2	174.2
98	64.5	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

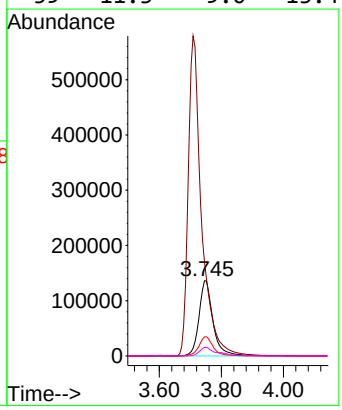
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

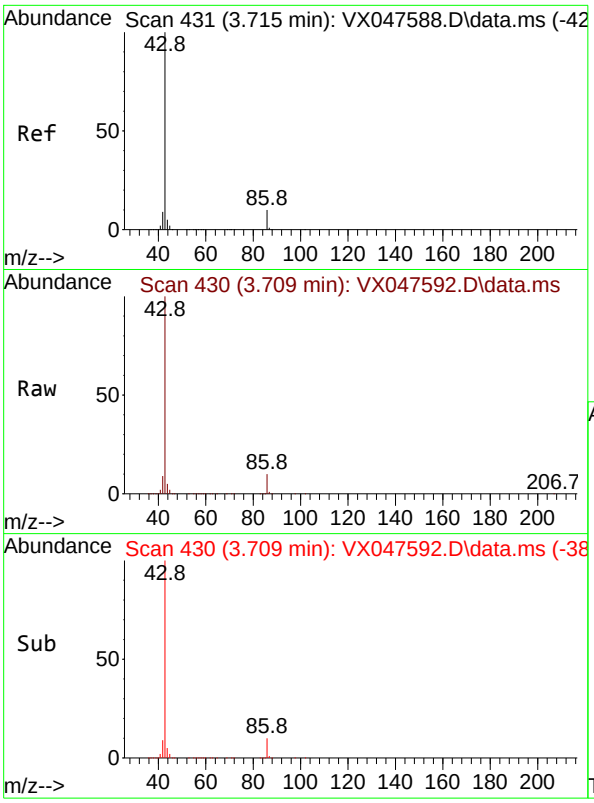


#22
Diisopropyl ether
Concen: 48.174 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 45 Resp: 426854

Ion	Ratio	Lower	Upper
45	100		
43	124.9	81.0	121.4#
87	25.2	20.3	30.5
59	11.3	9.0	13.4

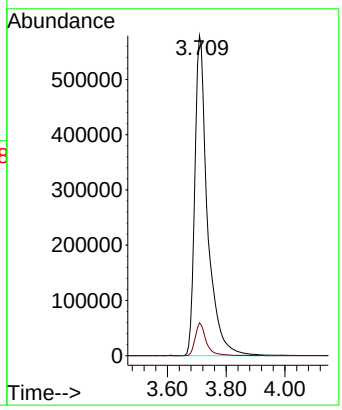




#23
Vinyl Acetate
Concen: 245.539 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 174126

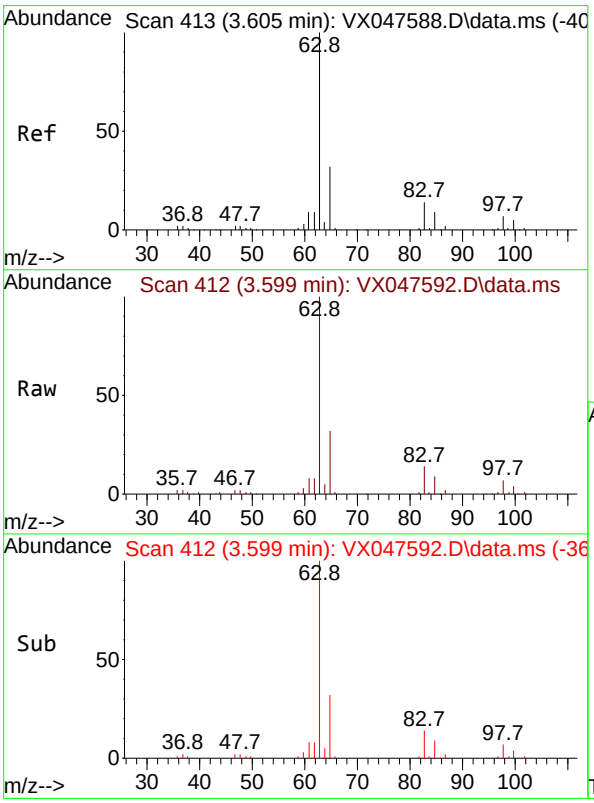
Ion	Ratio	Lower	Upper
43	100		
86	10.2	7.8	11.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
APPROVED

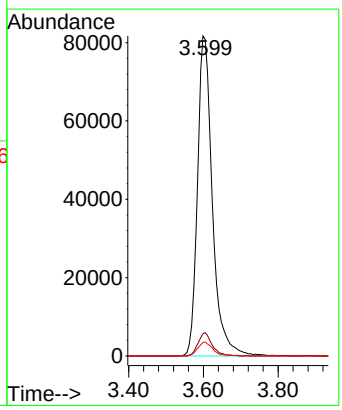
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

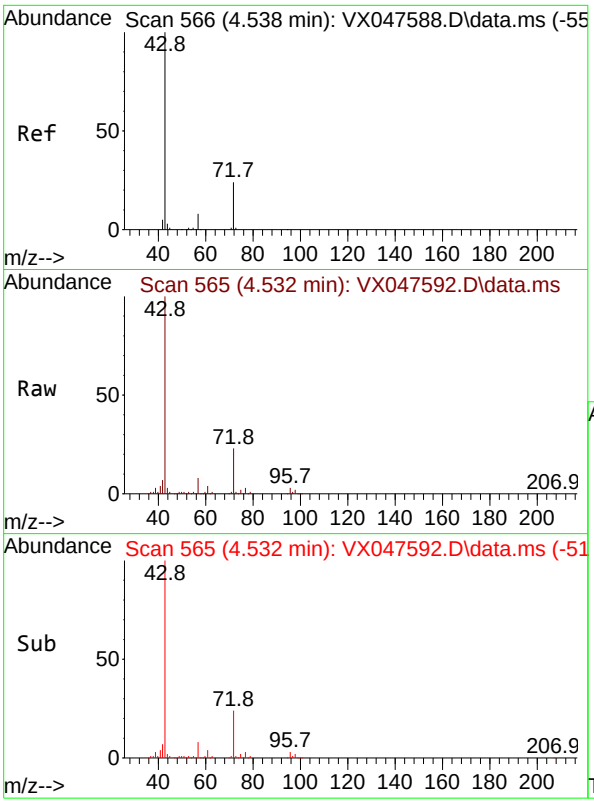


#24
1,1-Dichloroethane
Concen: 48.041 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 63 Resp: 226249

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

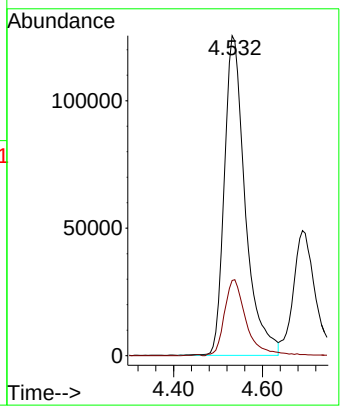




#25
2-Butanone
Concen: 253.598 ug/l
RT: 4.532 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 40827

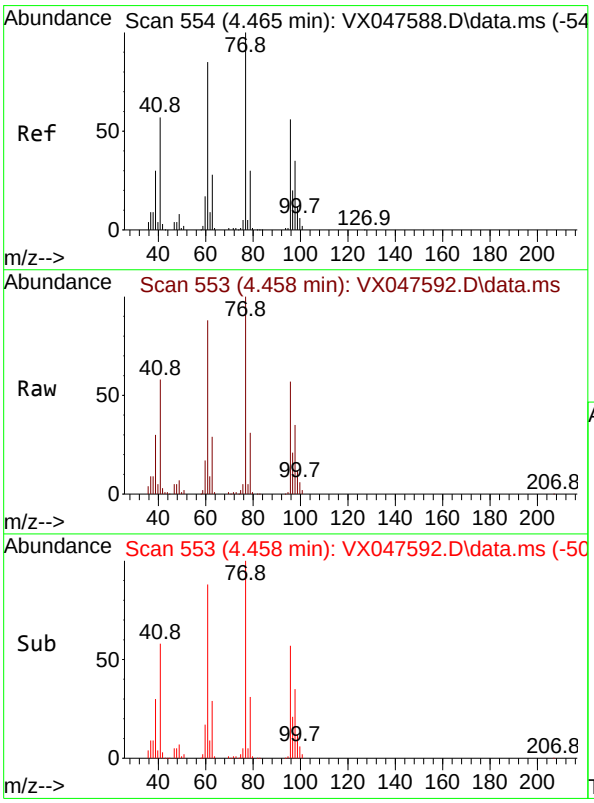
Ion	Ratio	Lower	Upper
43	100		
72	23.5	20.1	30.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
APPROVED

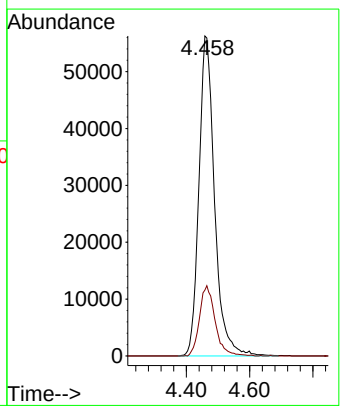
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

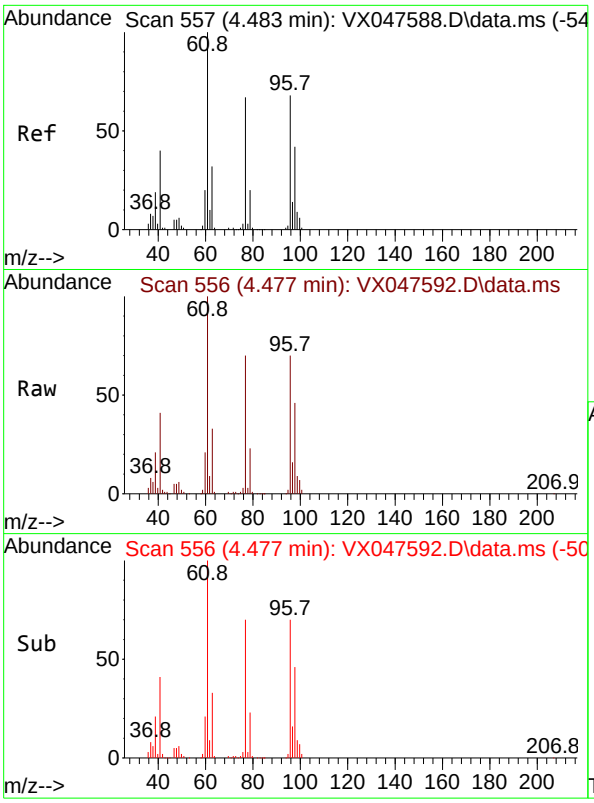


#26
2,2-Dichloropropane
Concen: 49.494 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 77 Resp: 193760

Ion	Ratio	Lower	Upper
77	100		
97	22.0	10.9	32.7

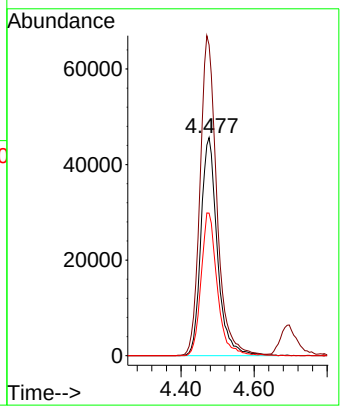




#27
cis-1,2-Dichloroethene
Concen: 48.826 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 96 Resp: 14263

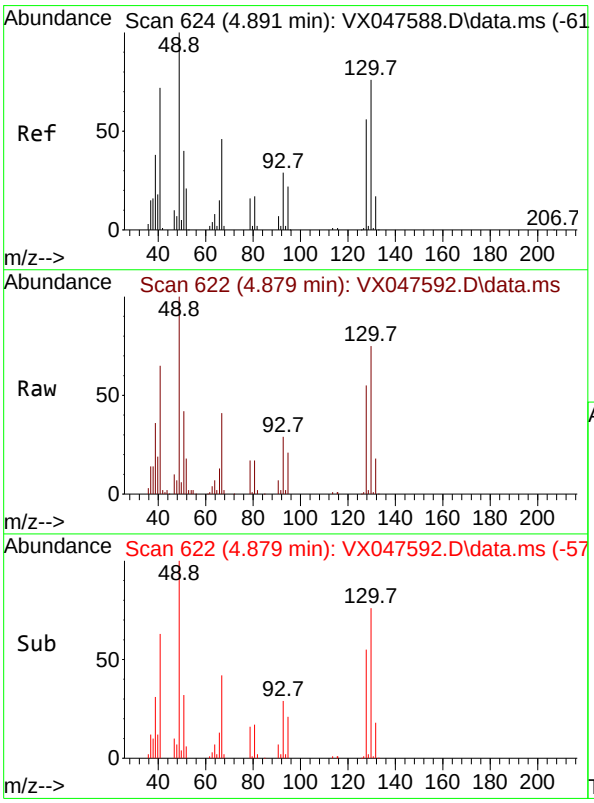
Ion	Ratio	Lower	Upper
96	100		
61	149.7	0.0	303.2
98	64.3	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
APPROVED

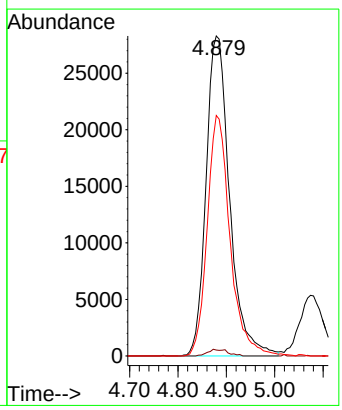
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

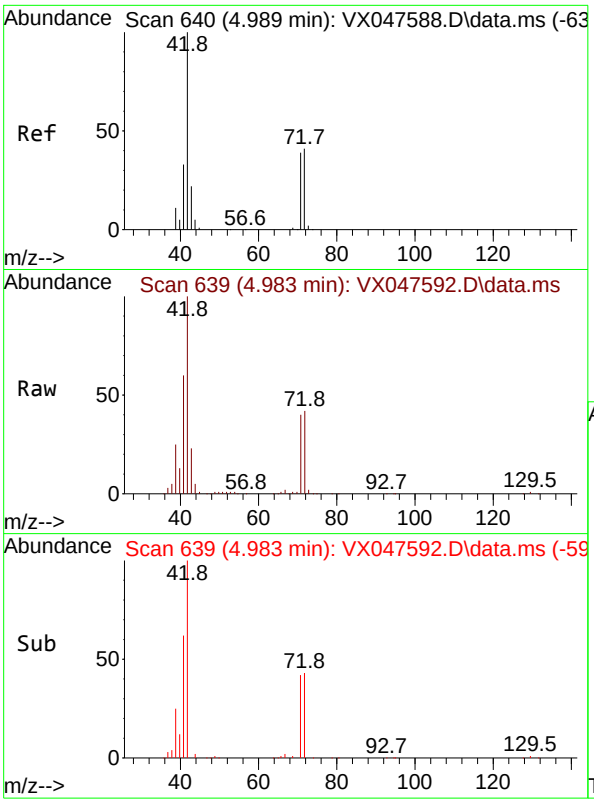


#28
Bromochloromethane
Concen: 46.586 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 49 Resp: 95782

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.2
130	72.9	57.8	86.8

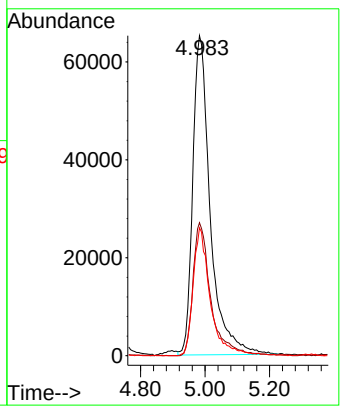




#29
Tetrahydrofuran
Concen: 253.375 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 42 Resp: 24539

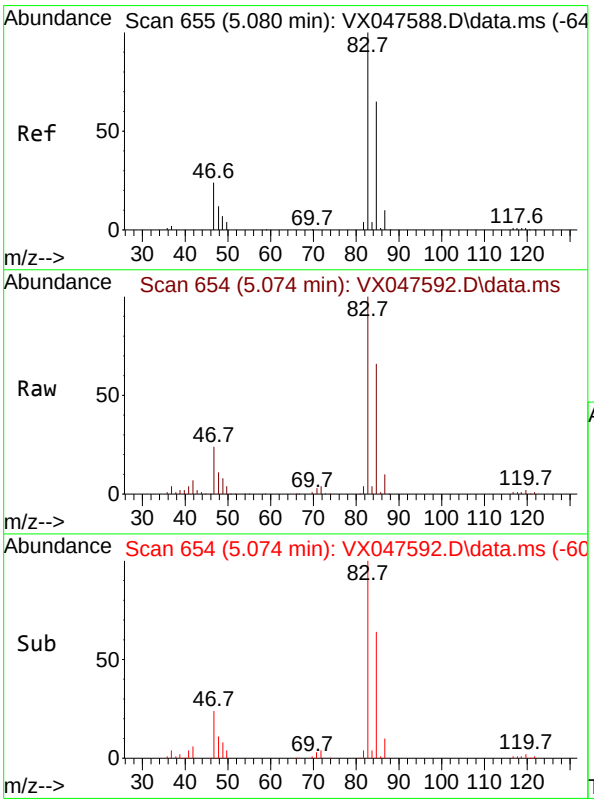
Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.2	51.2
71	38.9	31.9	47.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

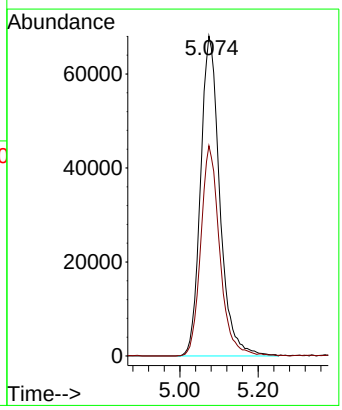
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

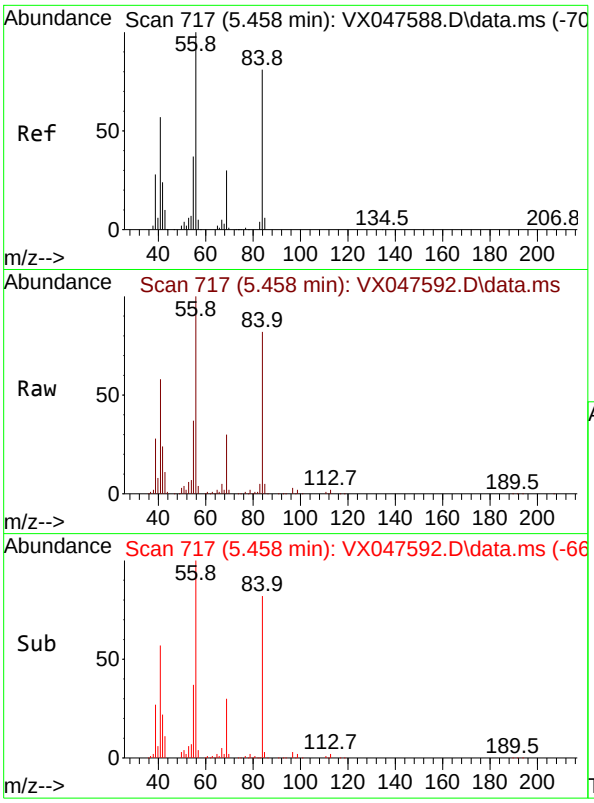


#30
Chloroform
Concen: 48.739 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 83 Resp: 231954

Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.8	77.6

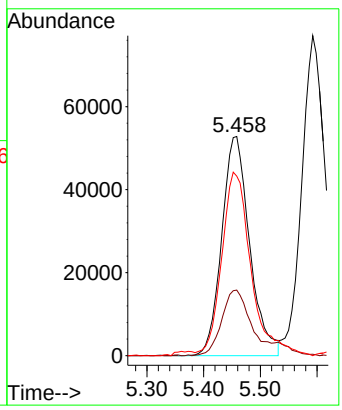




#31
Cyclohexane
Concen: 45.999 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 56 Resp: 18043

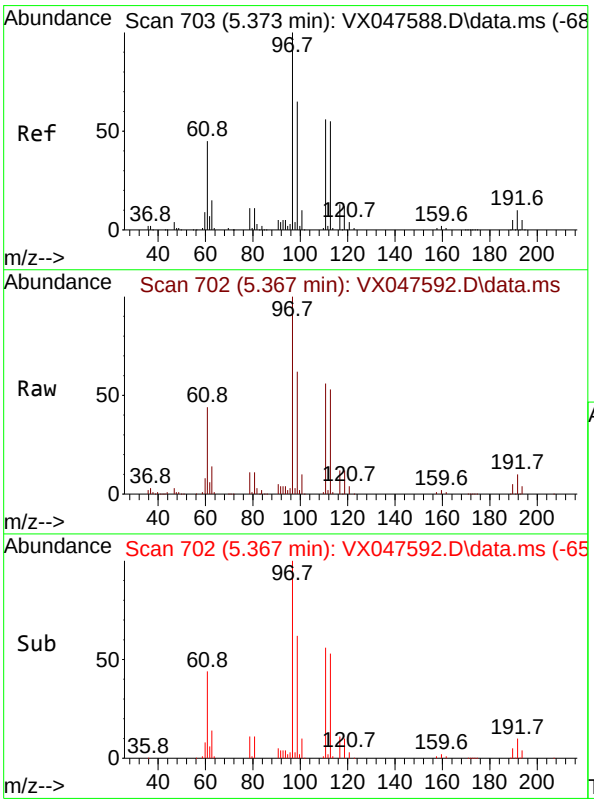
Ion	Ratio	Lower	Upper
56	100		
69	29.6	23.8	35.8
84	80.3	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
APPROVED

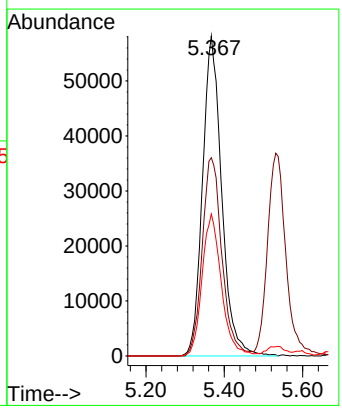
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

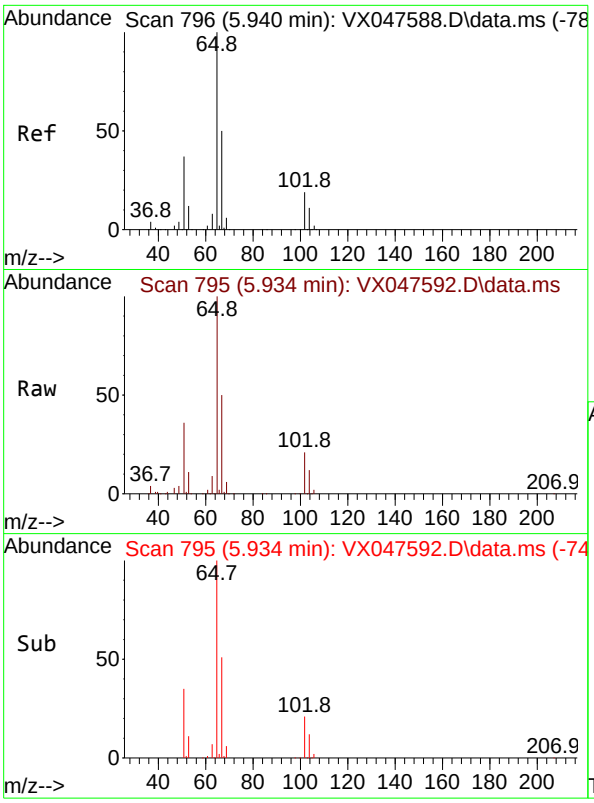


#32
1,1,1-Trichloroethane
Concen: 48.978 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 97 Resp: 197711

Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.6	76.0
61	44.6	35.8	53.8

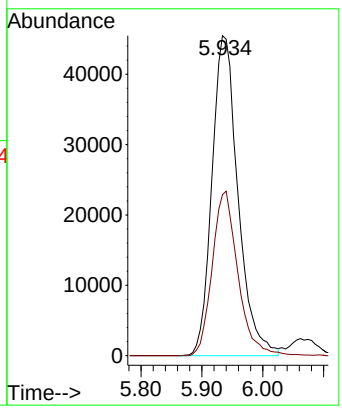




#33
1,2-Dichloroethane-d4
Concen: 45.550 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 65 Resp: 13520

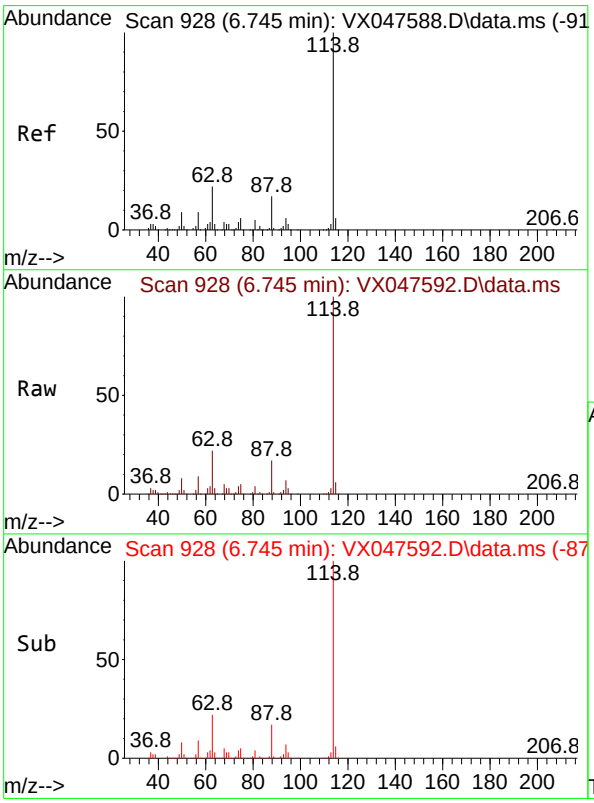
Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
APPROVED

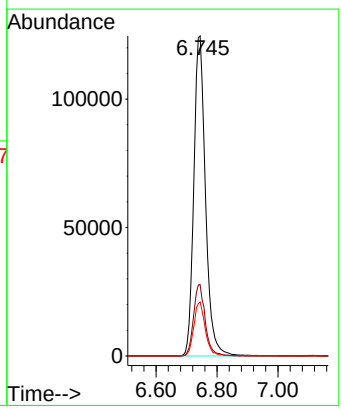
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

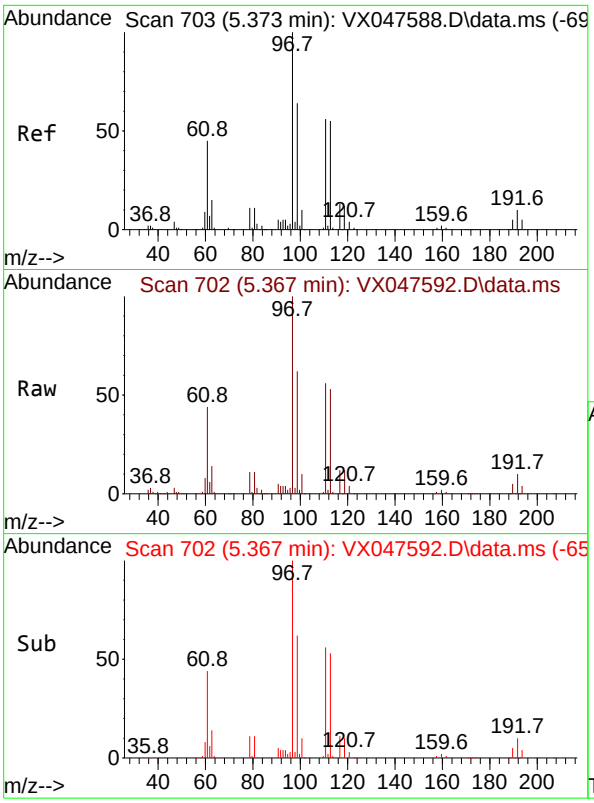


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:114 Resp: 331837

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.0
88	16.8	0.0	34.2

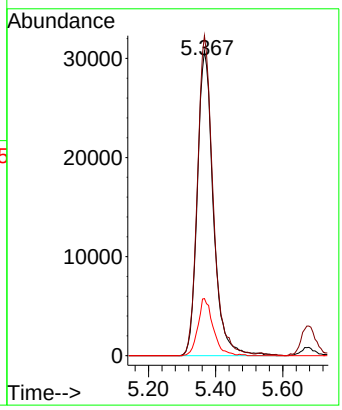




#35
Dibromofluoromethane
Concen: 45.559 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:113 Resp: 10139

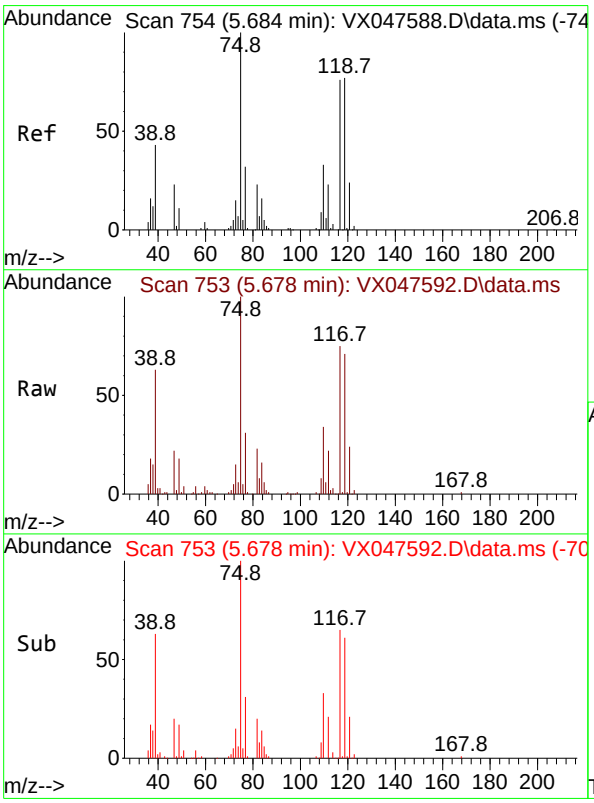
Ion	Ratio	Lower	Upper
113	100		
111	103.2	80.9	121.3
192	17.9	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

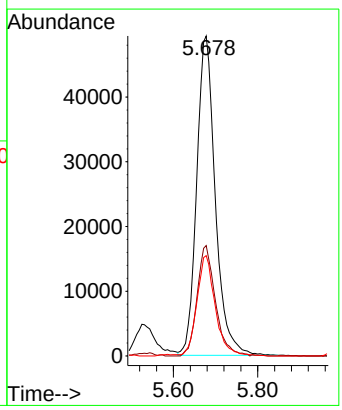
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

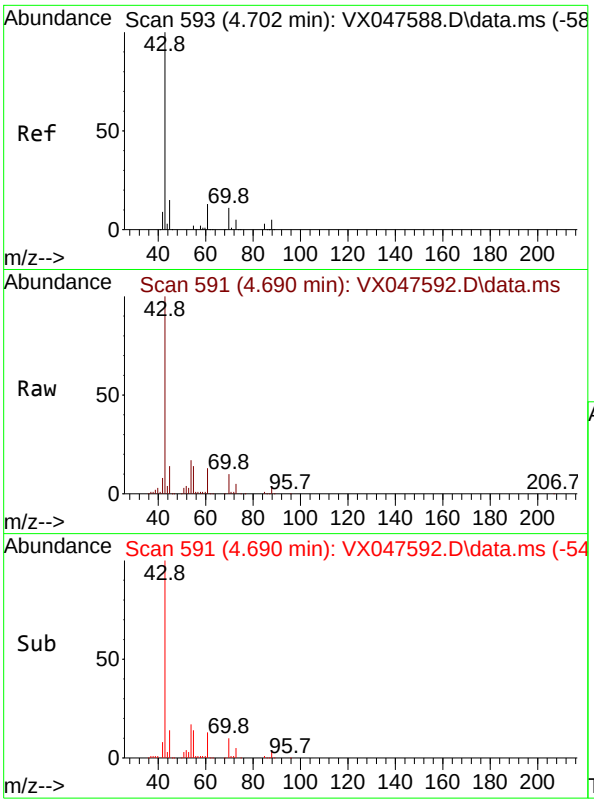


#36
1,1-Dichloropropene
Concen: 46.663 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 75 Resp: 151745

Ion	Ratio	Lower	Upper
75	100		
110	33.9	16.7	50.1
77	31.0	24.3	36.5

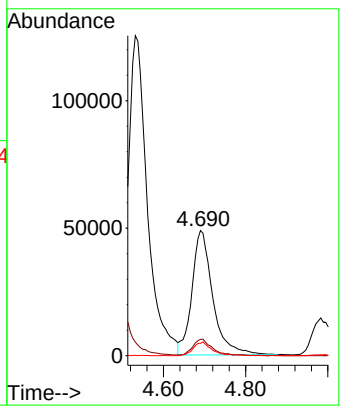




#37
Ethyl Acetate
Concen: 49.241 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 17145

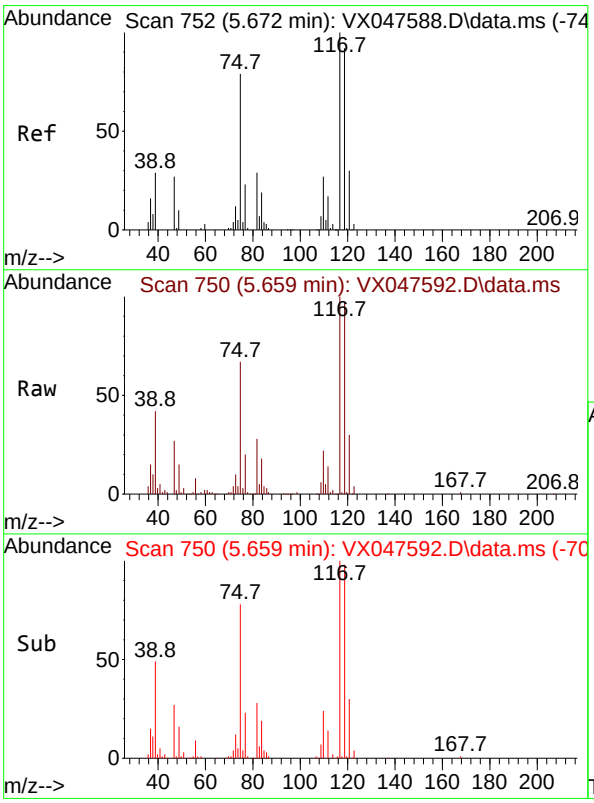
Ion	Ratio	Lower	Upper
43	100		
61	10.8	9.8	14.8
70	9.8	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

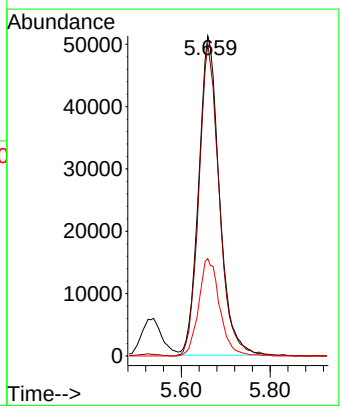
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

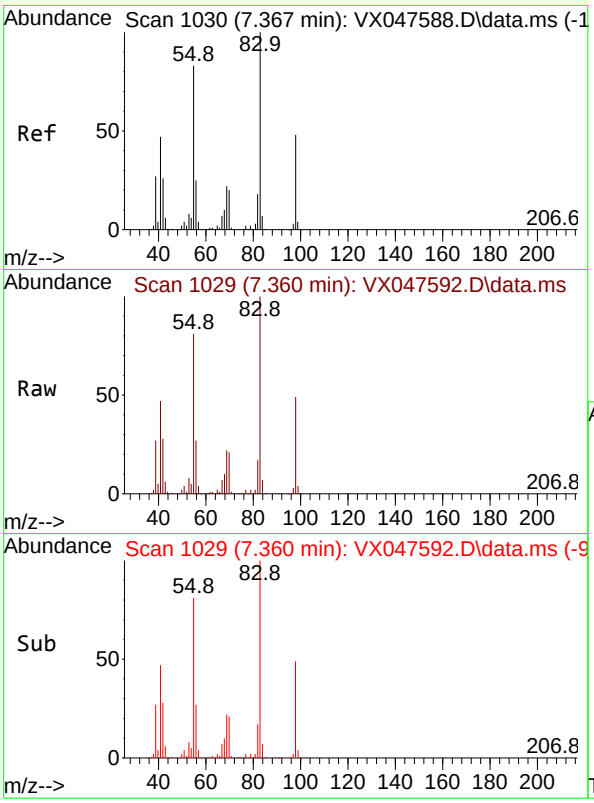


#38
Carbon Tetrachloride
Concen: 46.935 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:117 Resp: 165834

Ion	Ratio	Lower	Upper
117	100		
119	97.6	73.4	110.2
121	30.5	23.8	35.6

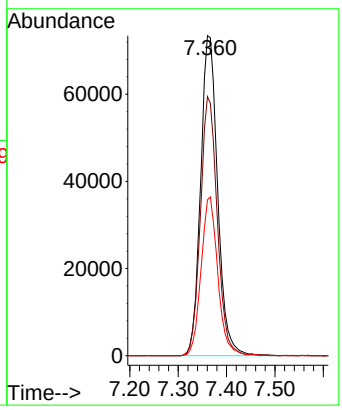




#39
Methylcyclohexane
Concen: 48.597 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 83 Resp: 17939

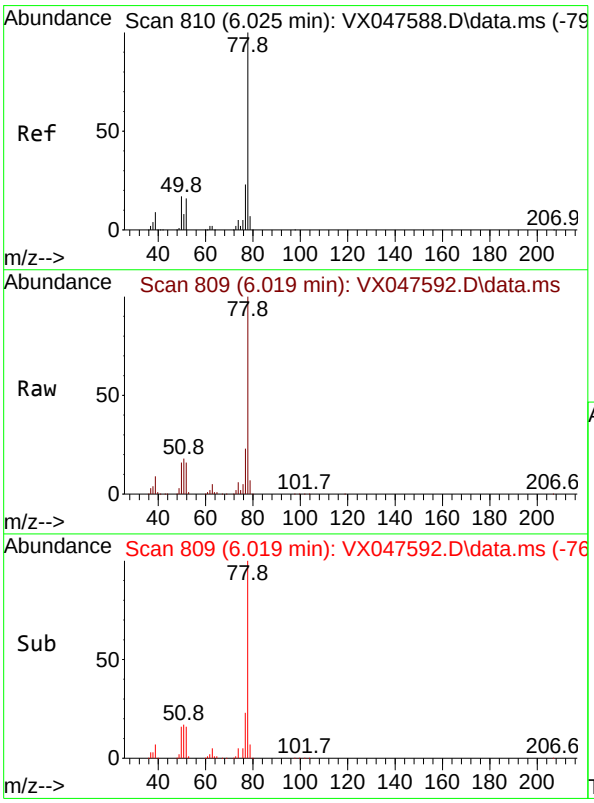
Ion	Ratio	Lower	Upper
83	100		
55	81.0	66.4	99.6
98	48.7	38.1	57.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

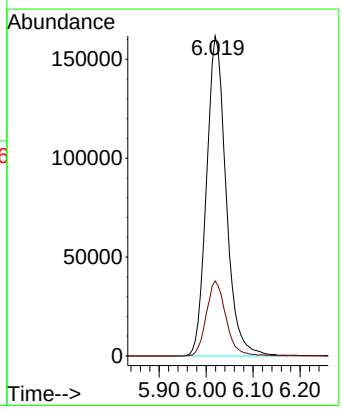
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

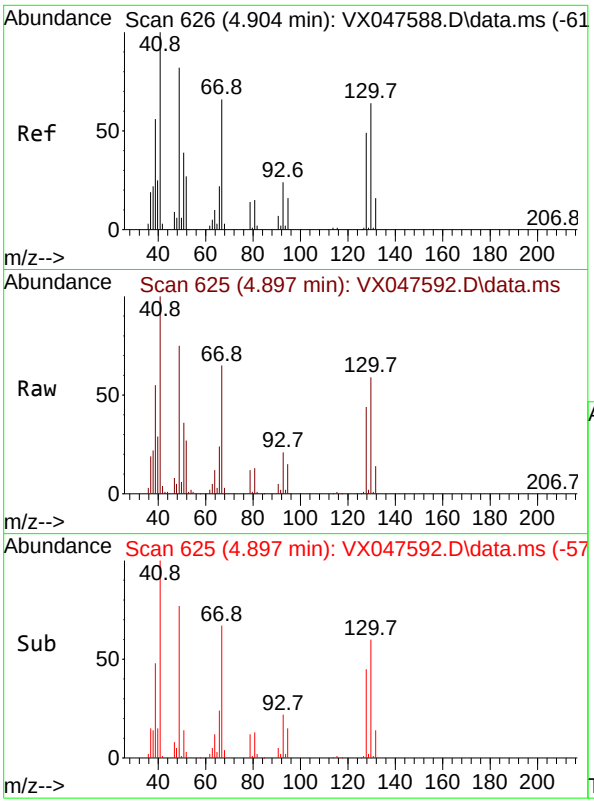


#40
Benzene
Concen: 47.357 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 78 Resp: 467748

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2

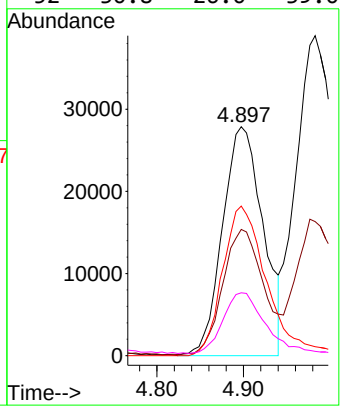




#41
Methacrylonitrile
Concen: 50.490 ug/l
RT: 4.897 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 41 Resp: 9075

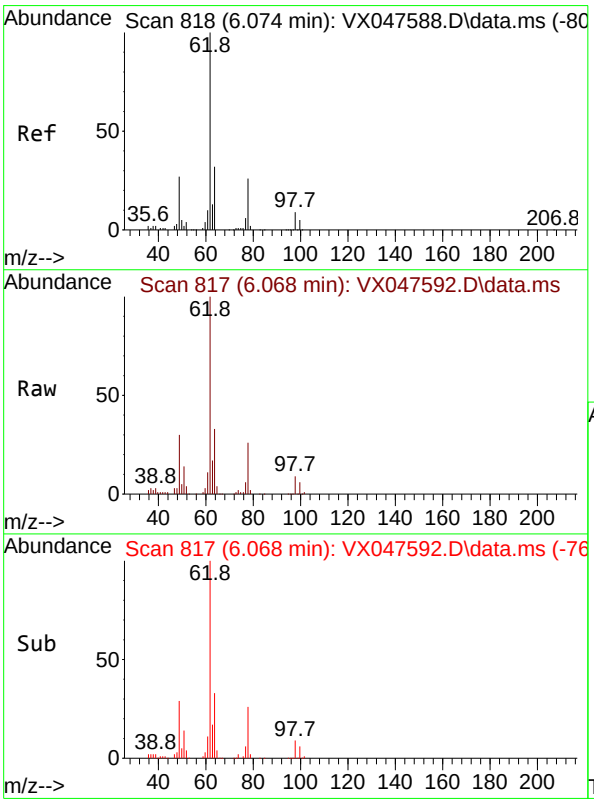
Ion	Ratio	Lower	Upper
41	100		
39	55.9	43.3	64.9
67	72.5	58.6	87.8
52	30.8	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

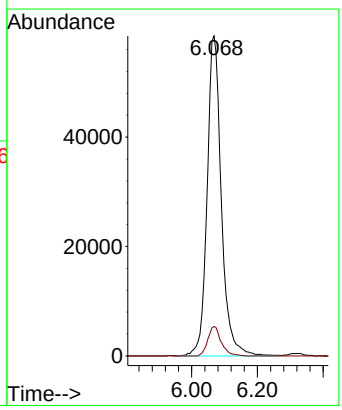
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

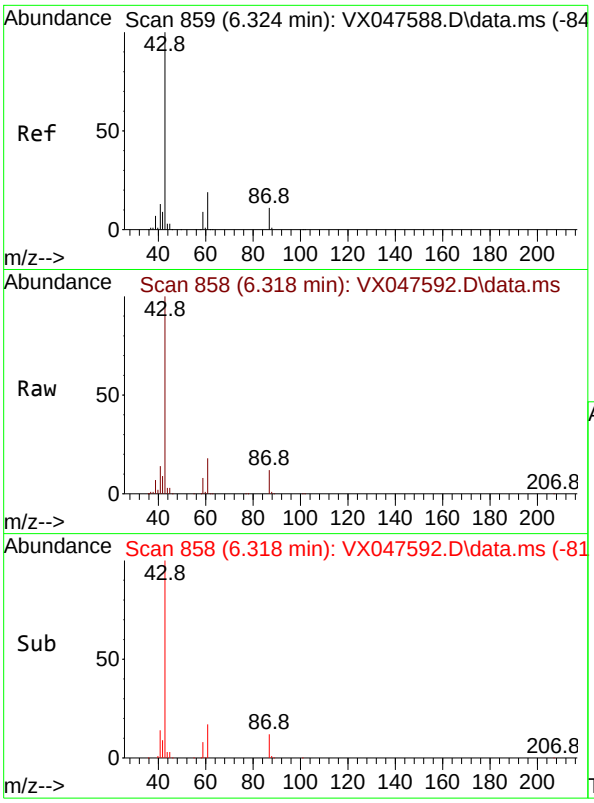


#42
1,2-Dichloroethane
Concen: 46.867 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 62 Resp: 176131

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0

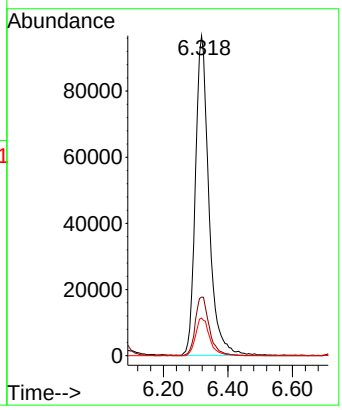




#43
Isopropyl Acetate
Concen: 49.136 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 28059

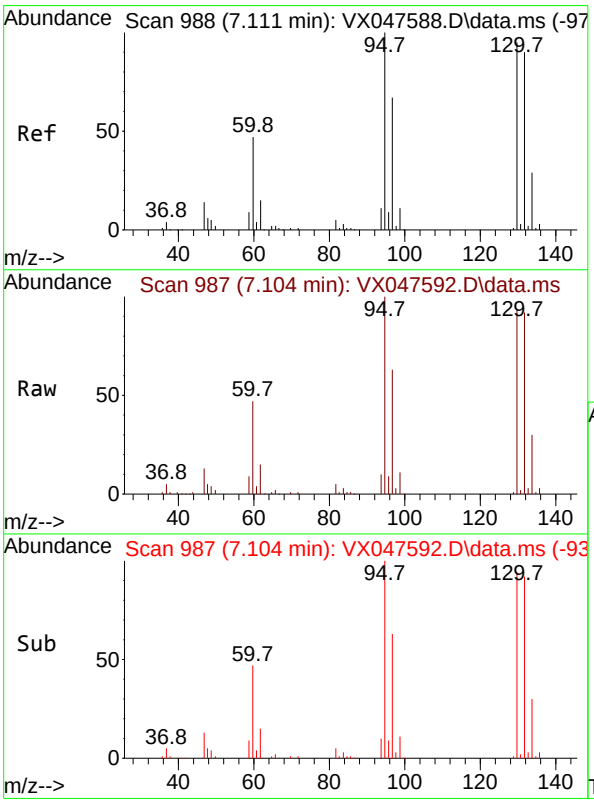
Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.2	22.8
87	12.2	9.6	14.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

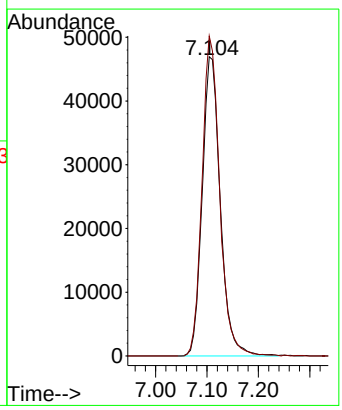
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

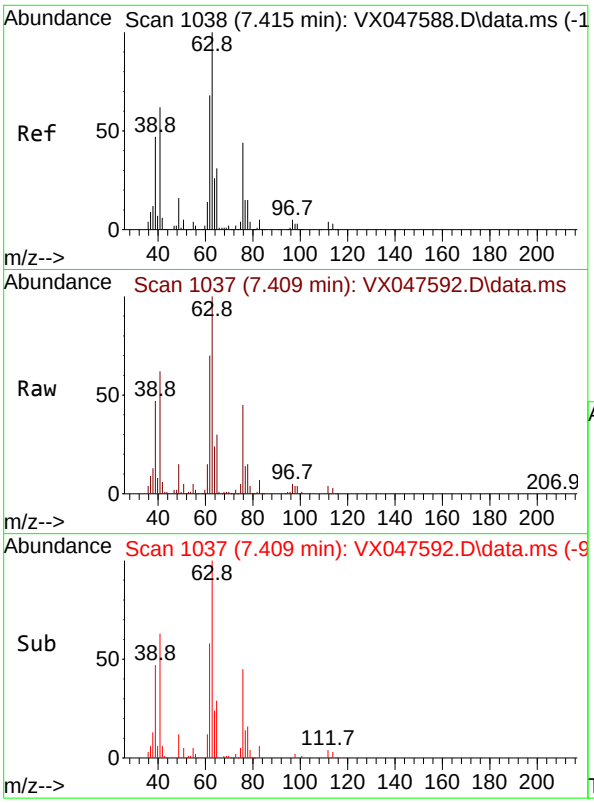


#44
Trichloroethene
Concen: 48.037 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:130 Resp: 114708

Ion	Ratio	Lower	Upper
130	100		
95	107.0	0.0	210.8

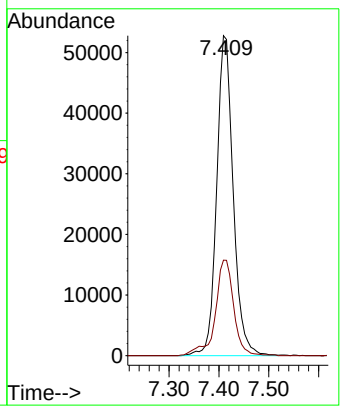




#45
1,2-Dichloropropane
Concen: 48.053 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 63 Resp: 12153

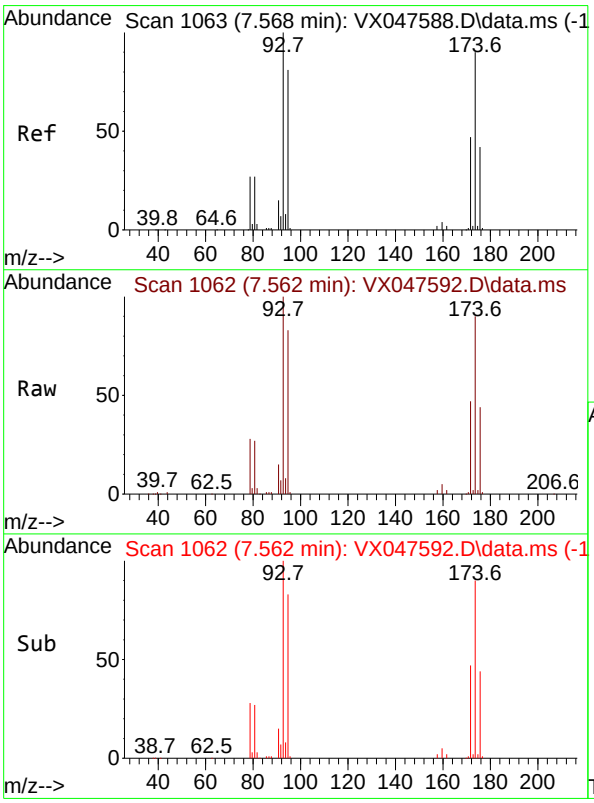
Ion	Ratio	Lower	Upper
63	100		
65	29.8	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

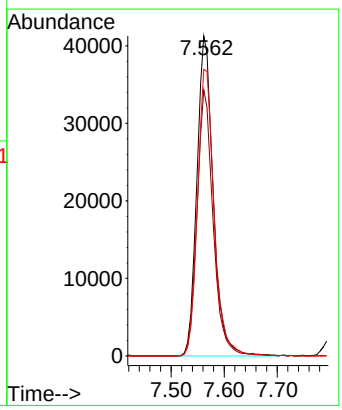
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

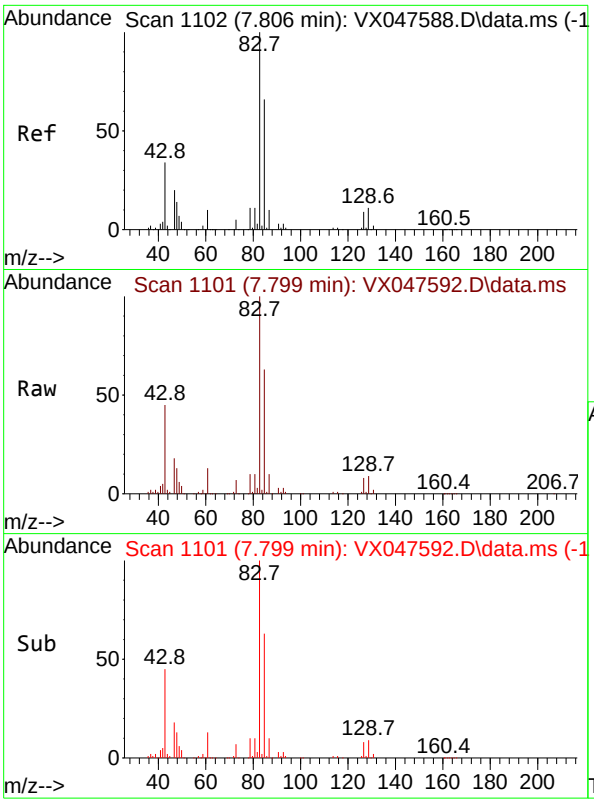


#46
Dibromomethane
Concen: 47.976 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 93 Resp: 88297

Ion	Ratio	Lower	Upper
93	100		
95	82.3	65.0	97.6
174	91.3	71.6	107.4

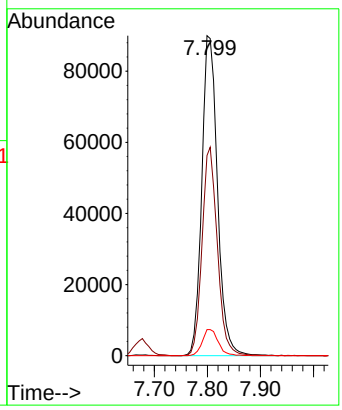




#47
Bromodichloromethane
Concen: 48.769 ug/l
RT: 7.799 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 83 Resp: 18521

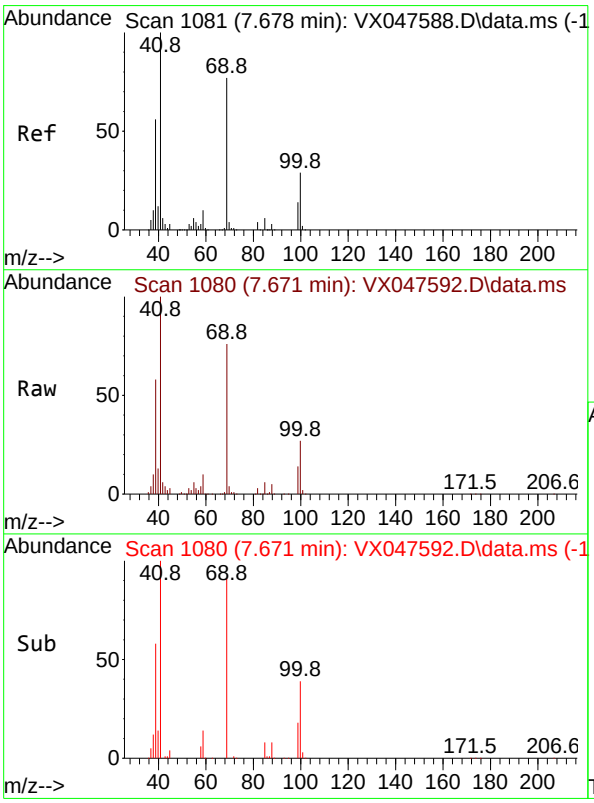
Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.5	78.7
127	8.1	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

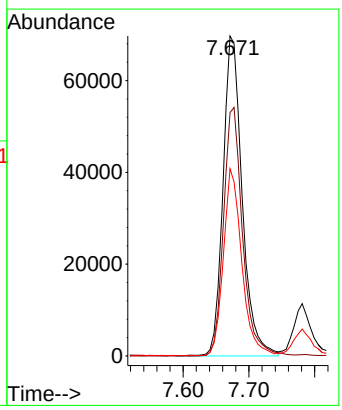
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

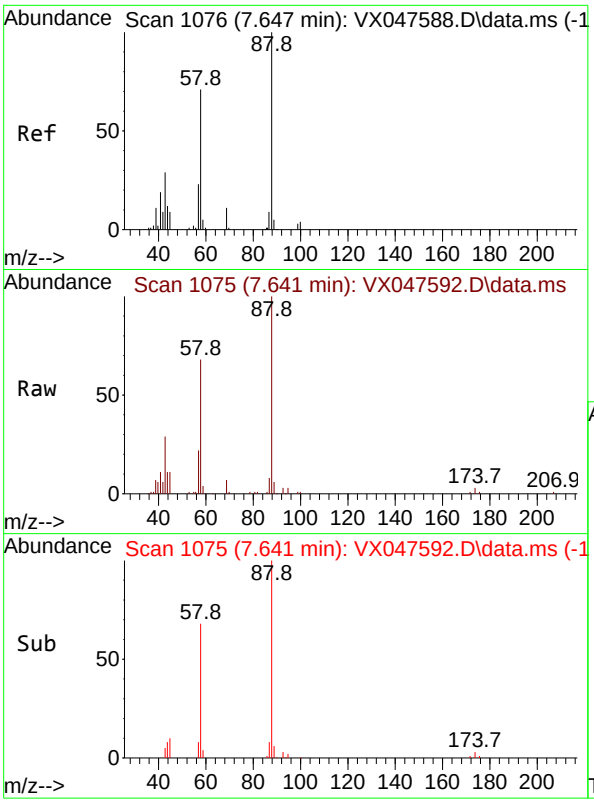


#48
Methyl methacrylate
Concen: 49.757 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 41 Resp: 141532

Ion	Ratio	Lower	Upper
41	100		
69	77.1	61.4	92.2
39	56.4	45.8	68.6

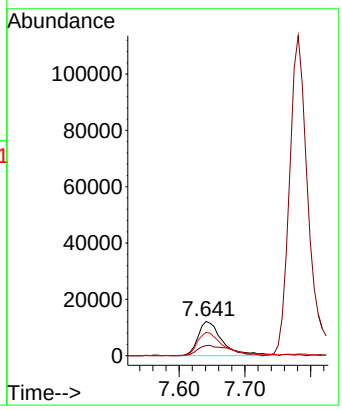




#49
1,4-Dioxane
Concen: 1089.520 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 88 Resp: 3132

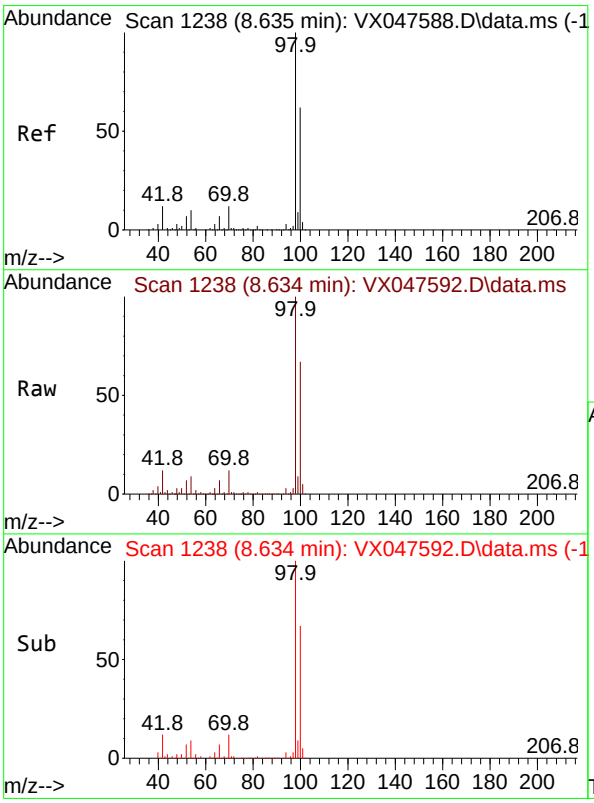
Ion	Ratio	Lower	Upper
88	100		
43	40.9	30.2	45.2
58	74.1	59.5	89.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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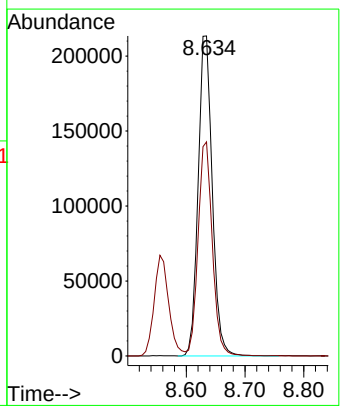
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

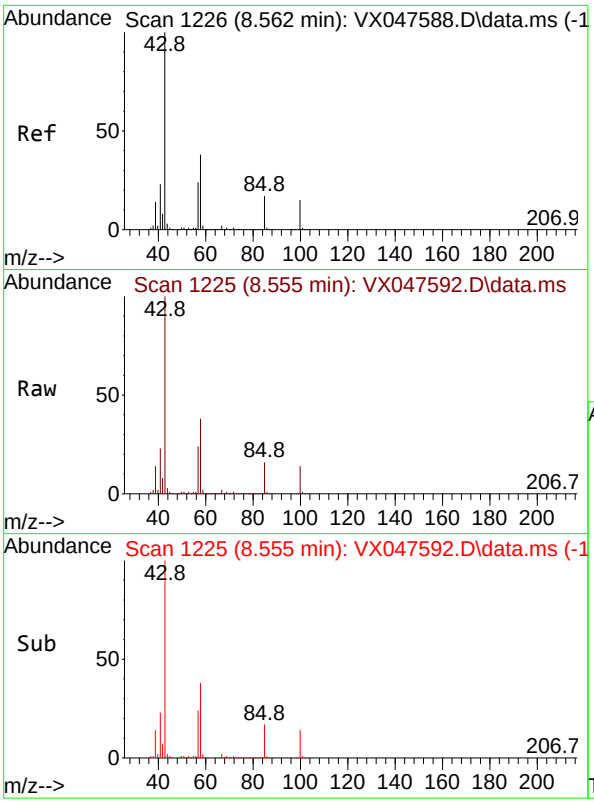


#50
Toluene-d8
Concen: 46.411 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 98 Resp: 357393

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.0	79.4

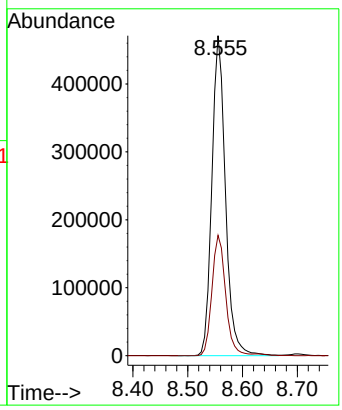




#51
4-Methyl-2-Pentanone
Concen: 255.752 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 80975

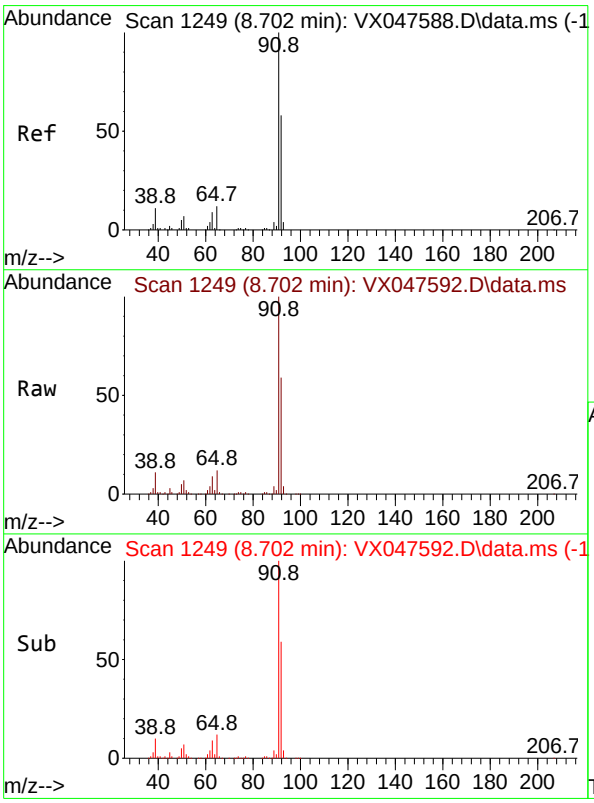
Ion	Ratio	Lower	Upper
43	100		
58	37.9	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

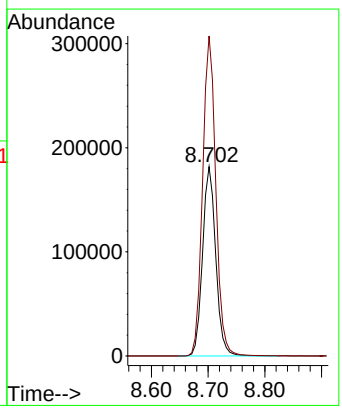
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

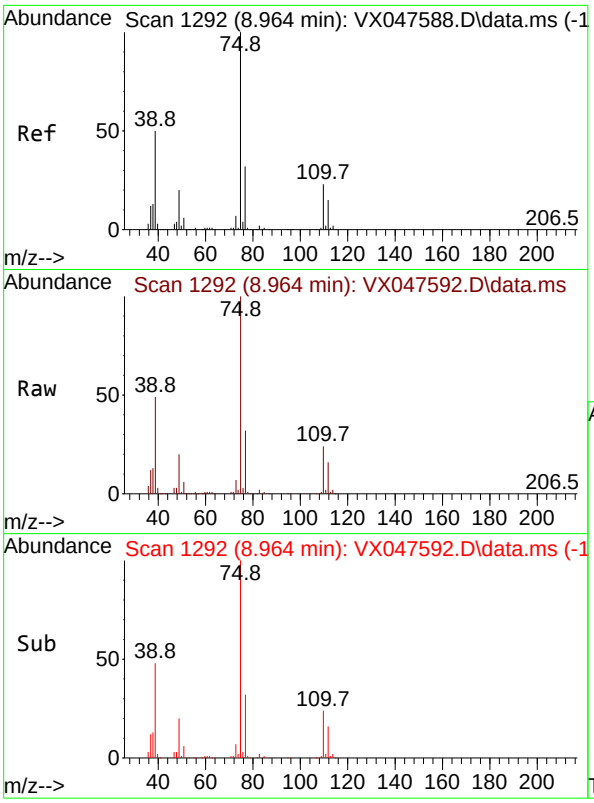


#52
Toluene
Concen: 48.130 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 92 Resp: 292879

Ion	Ratio	Lower	Upper
92	100		
91	169.4	137.1	205.7

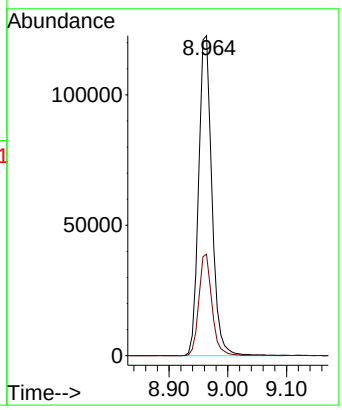




#53
t-1,3-Dichloropropene
Concen: 49.527 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 75 Resp: 19186

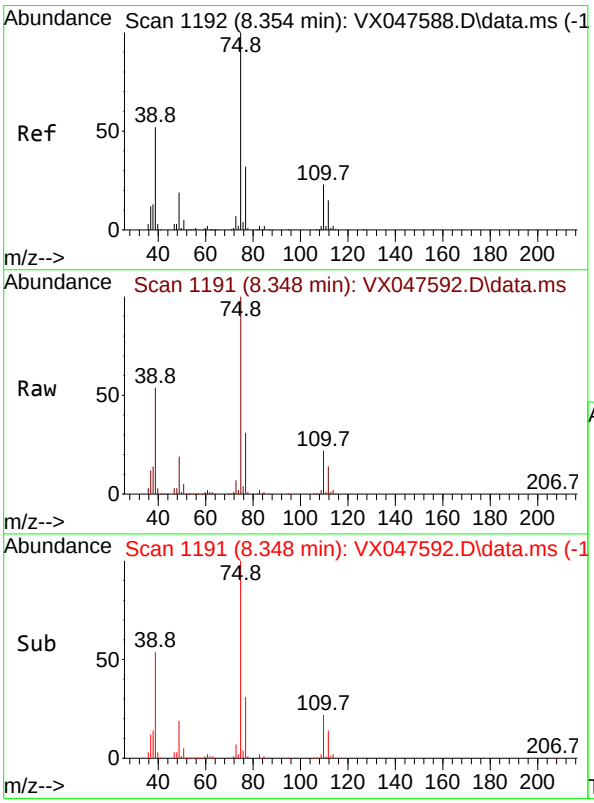
Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
APPROVED

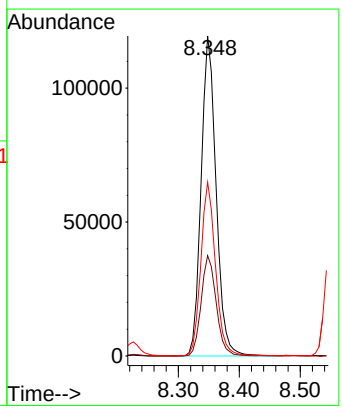
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

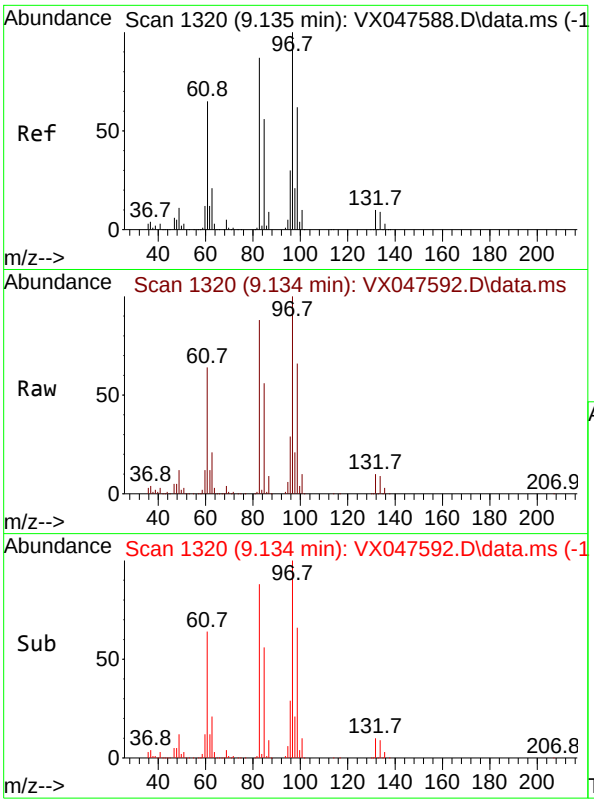


#54
cis-1,3-Dichloropropene
Concen: 49.257 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 75 Resp: 203954

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.8	38.6
39	54.2	41.4	62.2

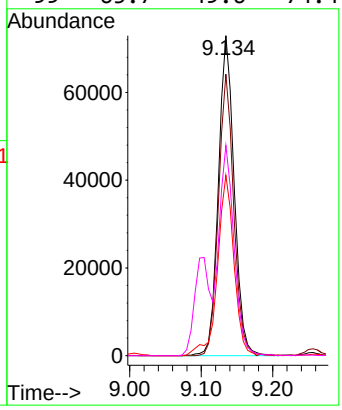




#55
1,1,2-Trichloroethane
Concen: 47.772 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 97 Resp: 11209

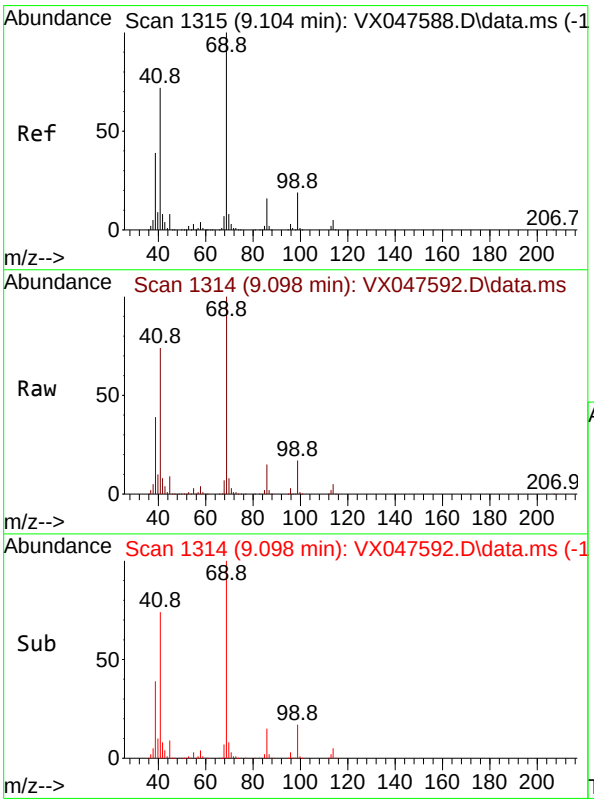
Ion	Ratio	Lower	Upper
97	100		
83	87.9	69.6	104.4
85	56.4	45.0	67.6
99	65.7	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

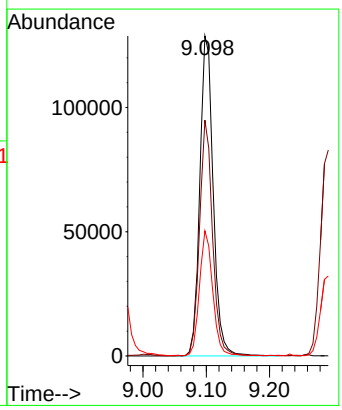
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

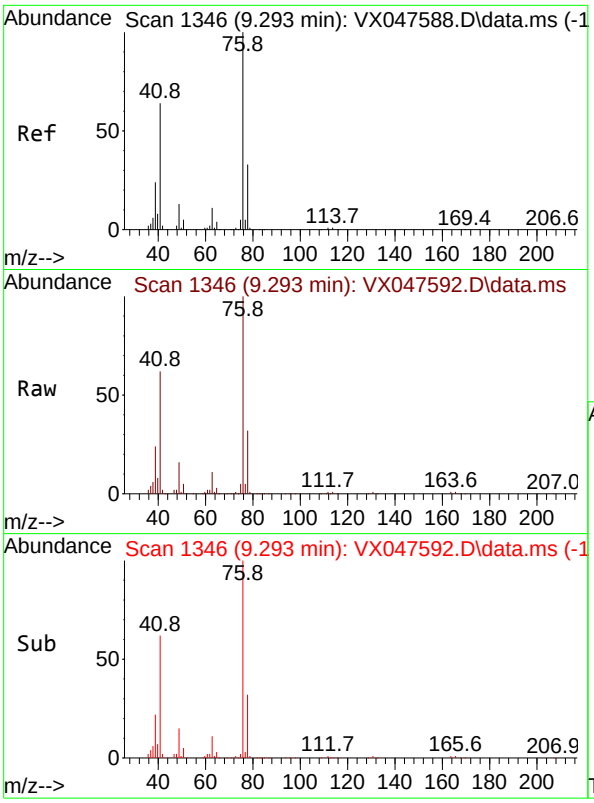


#56
Ethyl methacrylate
Concen: 51.490 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 69 Resp: 189741

Ion	Ratio	Lower	Upper
69	100		
41	71.7	58.6	87.8
39	39.0	31.5	47.3

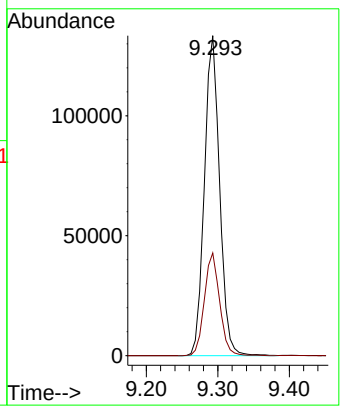




#57
1,3-Dichloropropane
Concen: 48.894 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 76 Resp: 19707

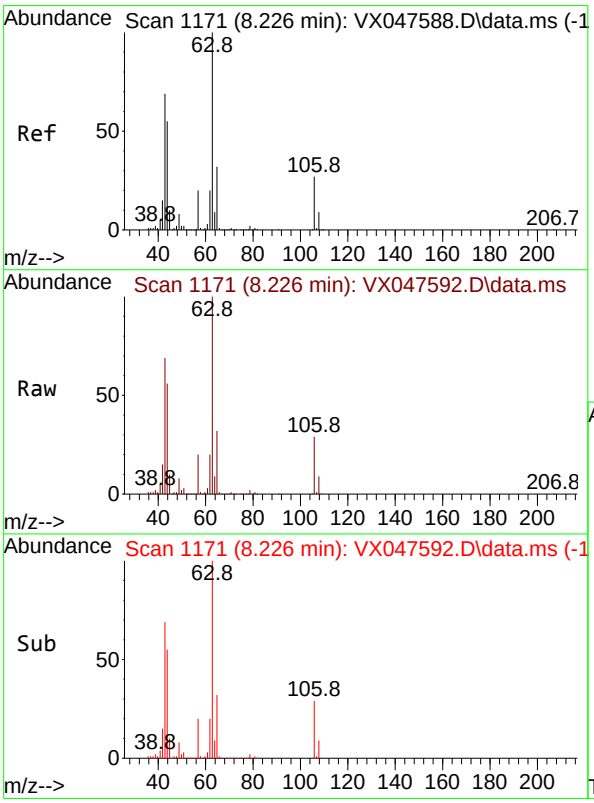
Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

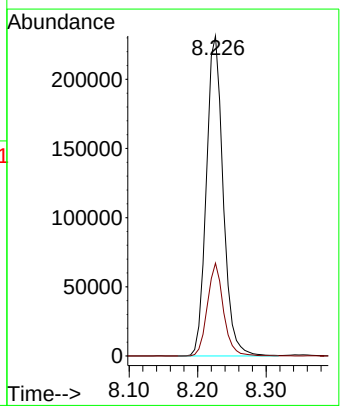
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

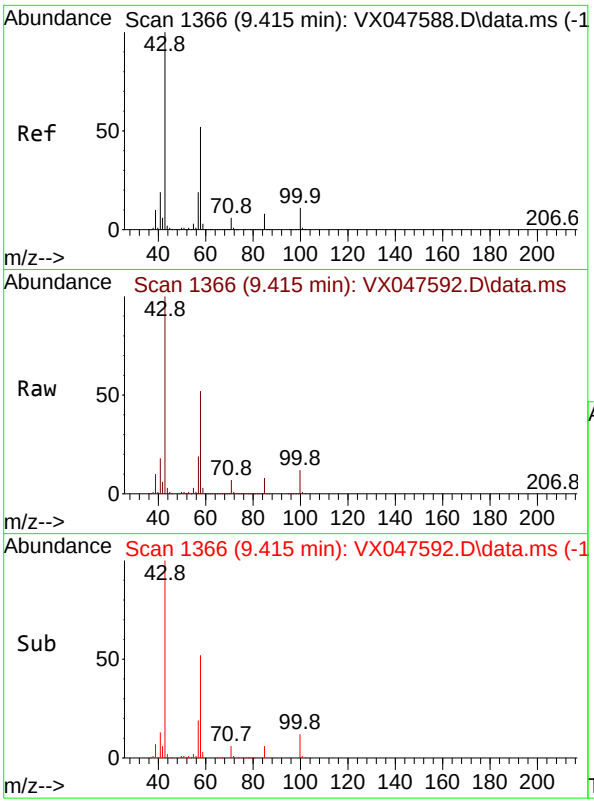


#58
2-Chloroethyl Vinyl ether
Concen: 225.562 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 63 Resp: 394205

Ion	Ratio	Lower	Upper
63	100		
106	27.8	21.9	32.9





#59
2-Hexanone
Concen: 253.126 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

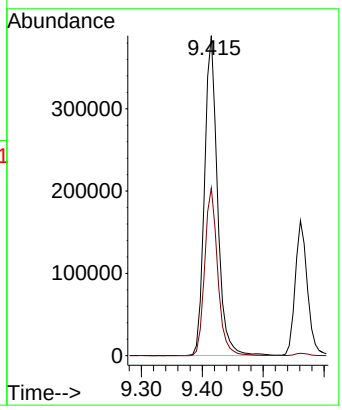
Tgt Ion: 43 Resp: 57559

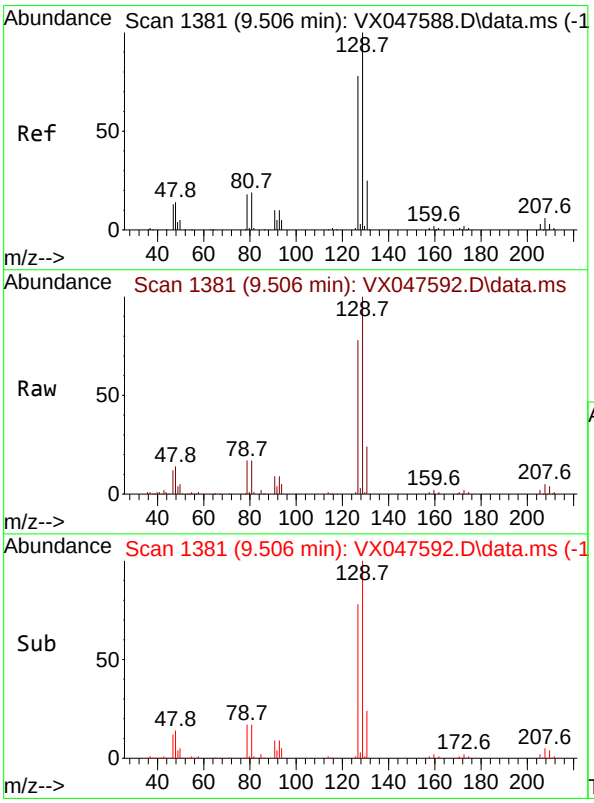
Ion	Ratio	Lower	Upper
43	100		
58	52.6	26.1	78.2

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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

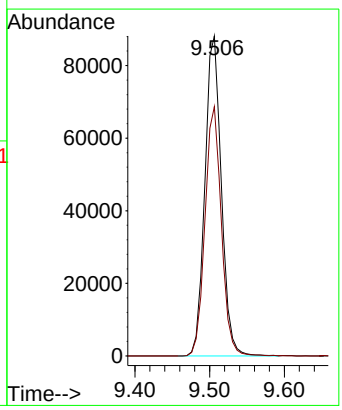


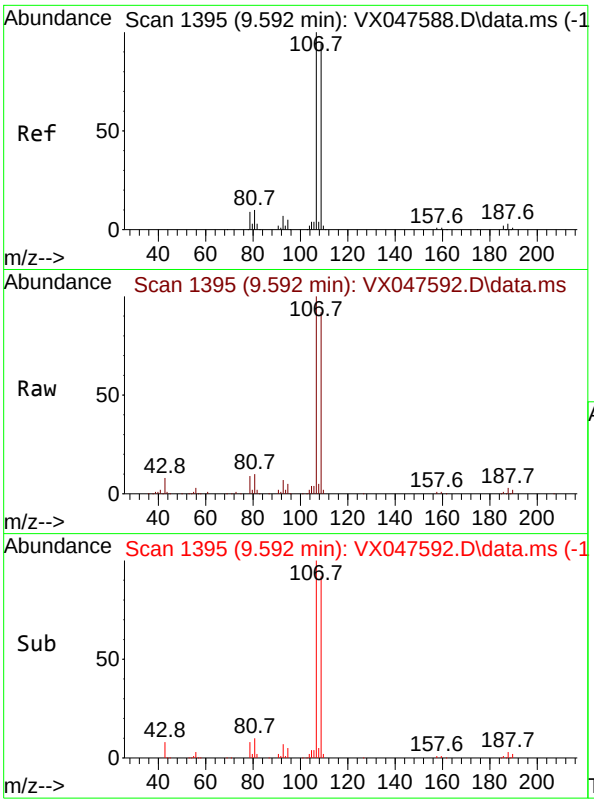


#60
Dibromochloromethane
Concen: 49.824 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:129 Resp: 134704

Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.4	115.2

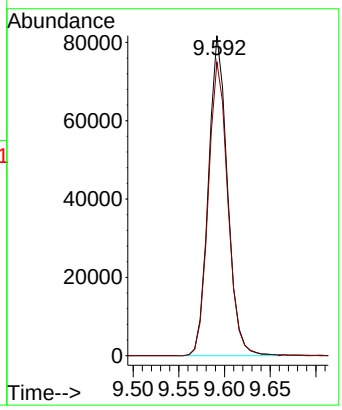




#61
1,2-Dibromoethane
Concen: 49.297 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:107 Resp: 11781

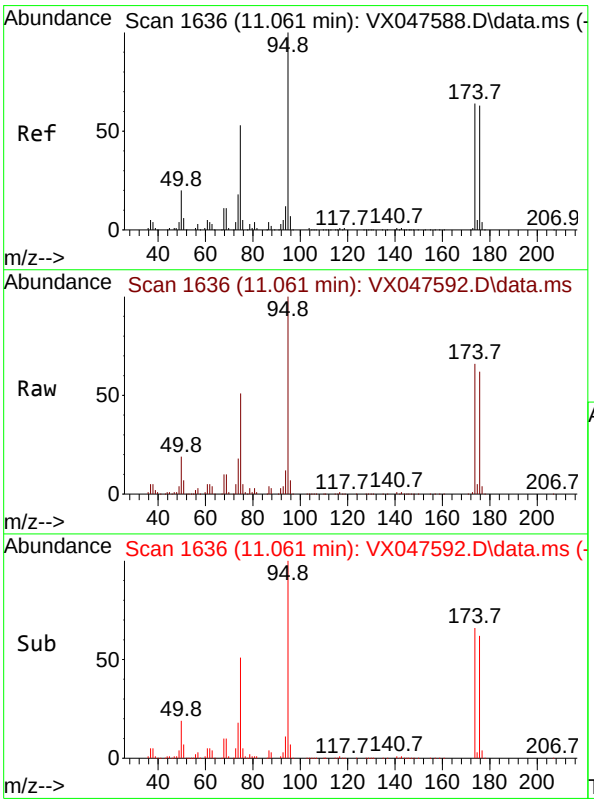
Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

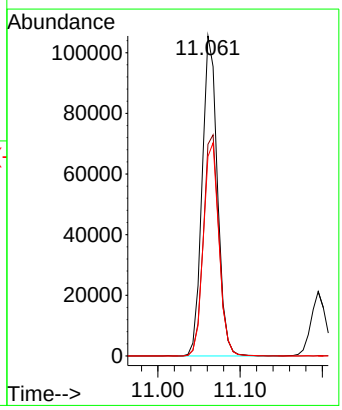
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

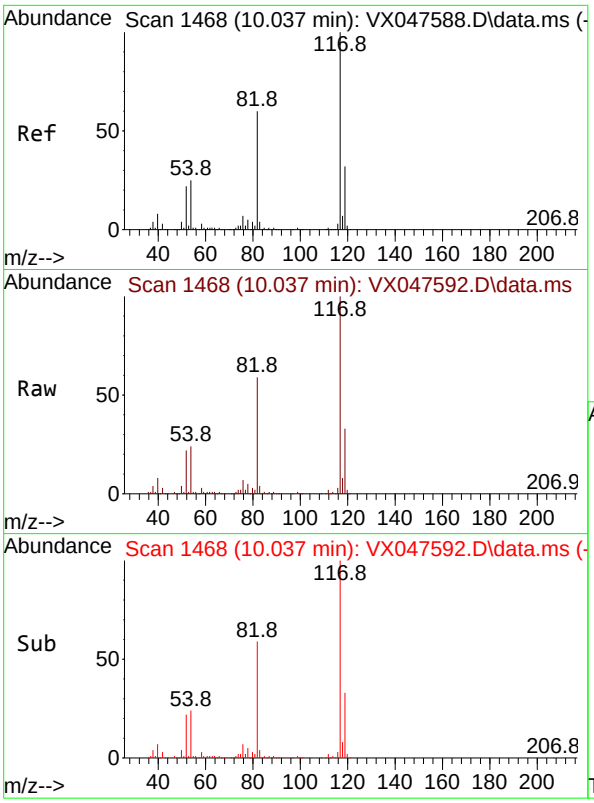


#62
4-Bromofluorobenzene
Concen: 46.520 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 95 Resp: 135957

Ion	Ratio	Lower	Upper
95	100		
174	70.3	0.0	141.6
176	68.0	0.0	138.4

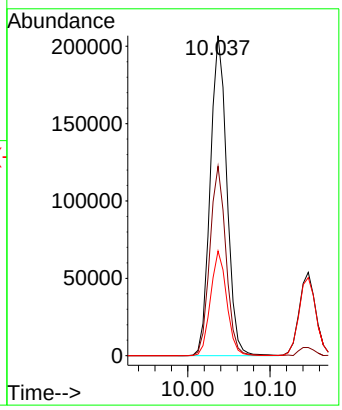




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:117 Resp: 28866

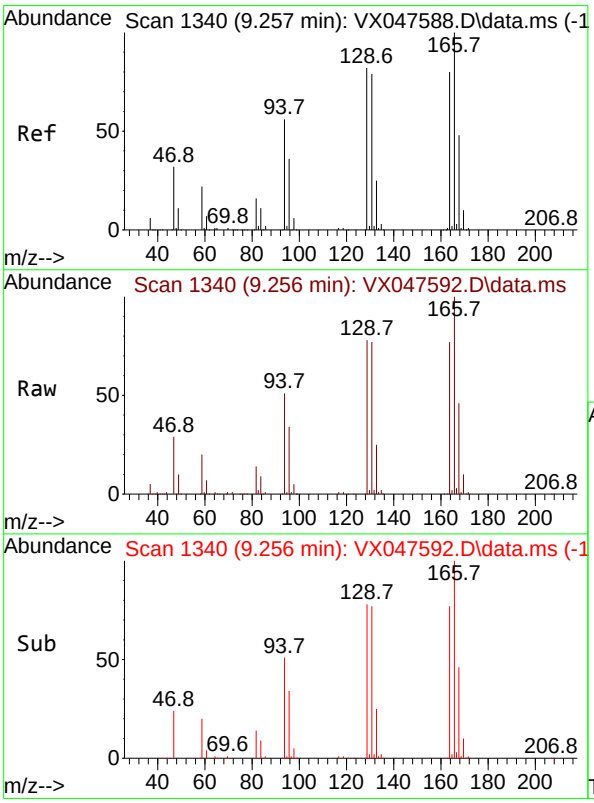
Ion	Ratio	Lower	Upper
117	100		
82	59.2	47.8	71.6
119	32.7	25.2	37.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

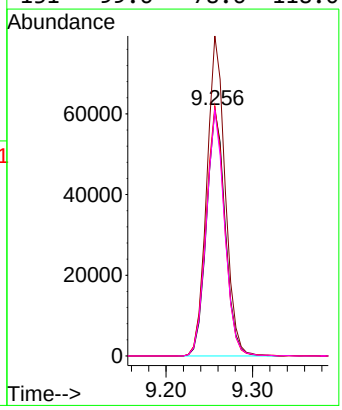
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

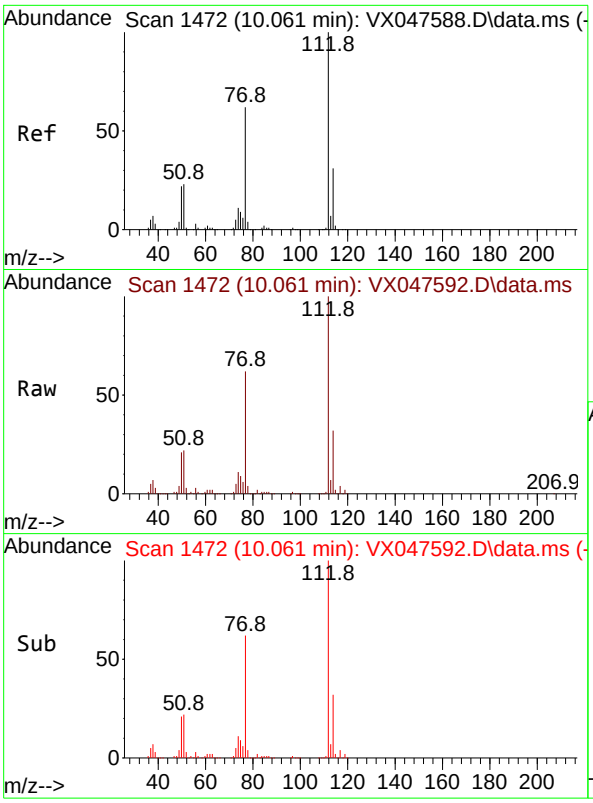


#64
Tetrachloroethene
Concen: 48.296 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:164 Resp: 90881

Ion	Ratio	Lower	Upper
164	100		
166	129.8	100.2	150.2
129	101.3	81.8	122.6
131	99.6	78.6	118.0

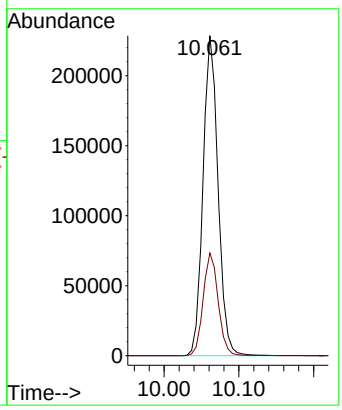




#65
Chlorobenzene
Concen: 48.549 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:112 Resp: 31837

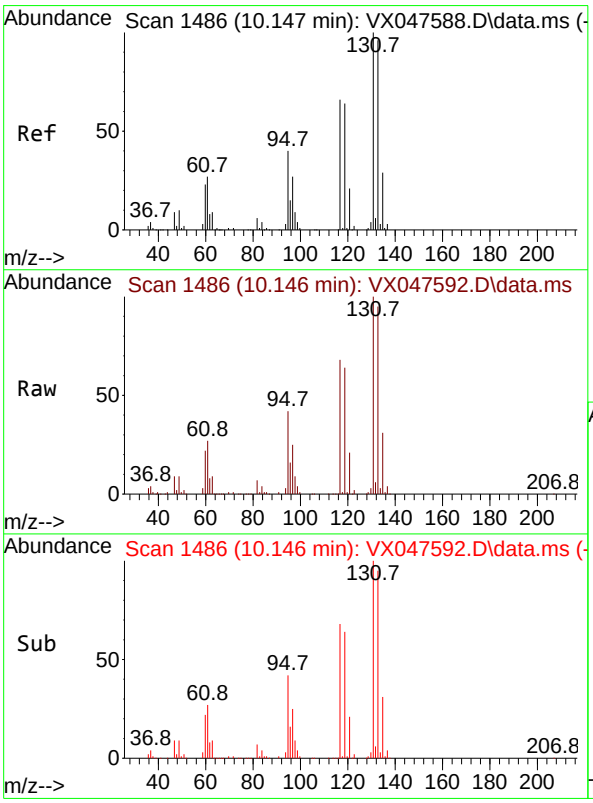
Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

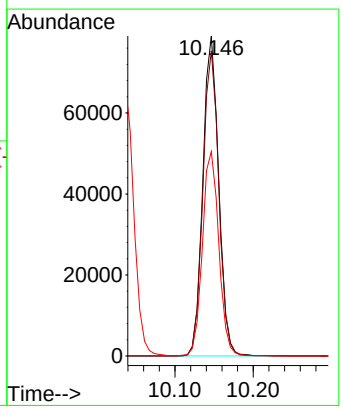
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

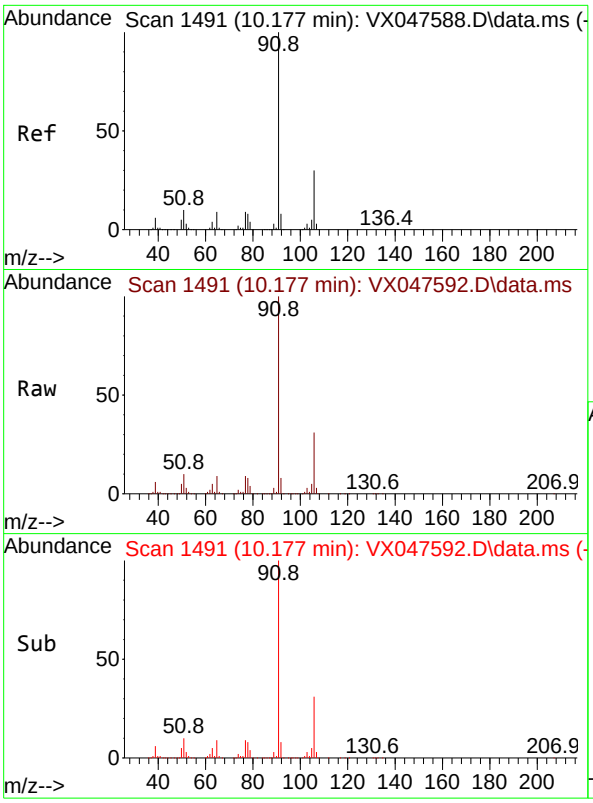


#66
1,1,1,2-Tetrachloroethane
Concen: 48.794 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:131 Resp: 110416

Ion	Ratio	Lower	Upper
131	100		
133	96.3	47.3	142.0
119	66.3	32.0	96.0

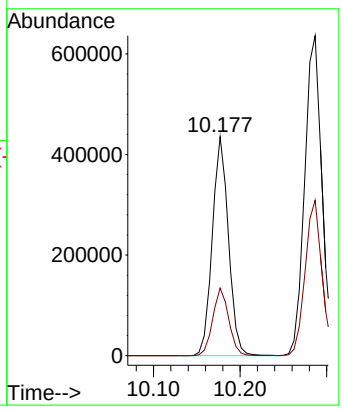




#67
Ethyl Benzene
Concen: 49.813 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 91 Resp: 56363

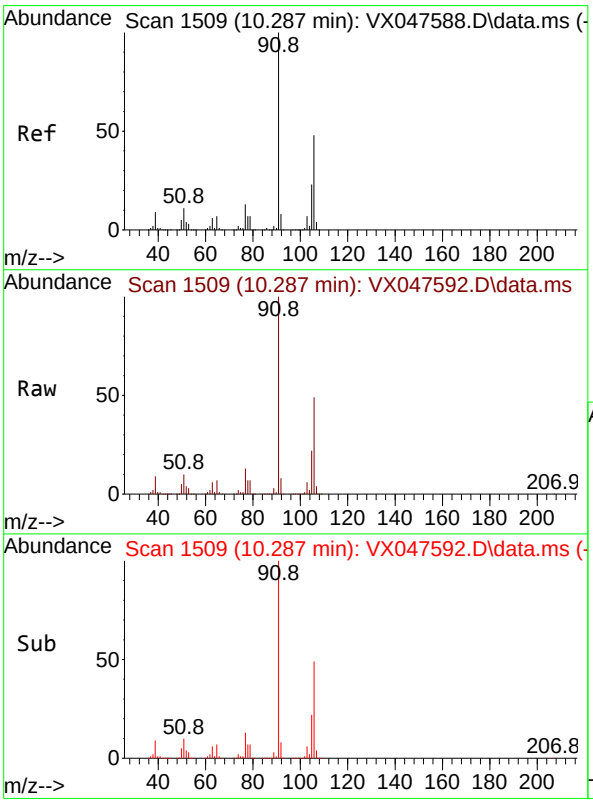
Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.3	36.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

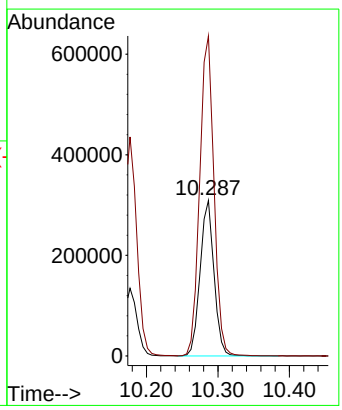
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

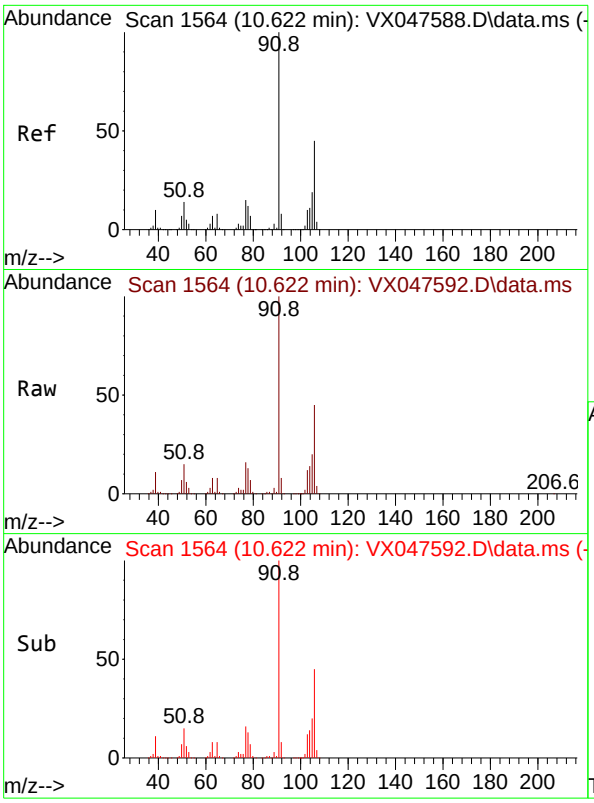


#68
m/p-Xylenes
Concen: 98.956 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:106 Resp: 416757

Ion	Ratio	Lower	Upper
106	100		
91	211.1	167.8	251.8

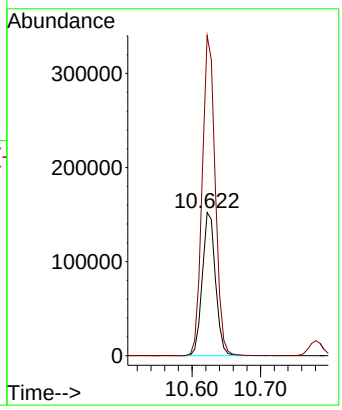




#69
o-Xylene
Concen: 50.159 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:106 Resp: 20432

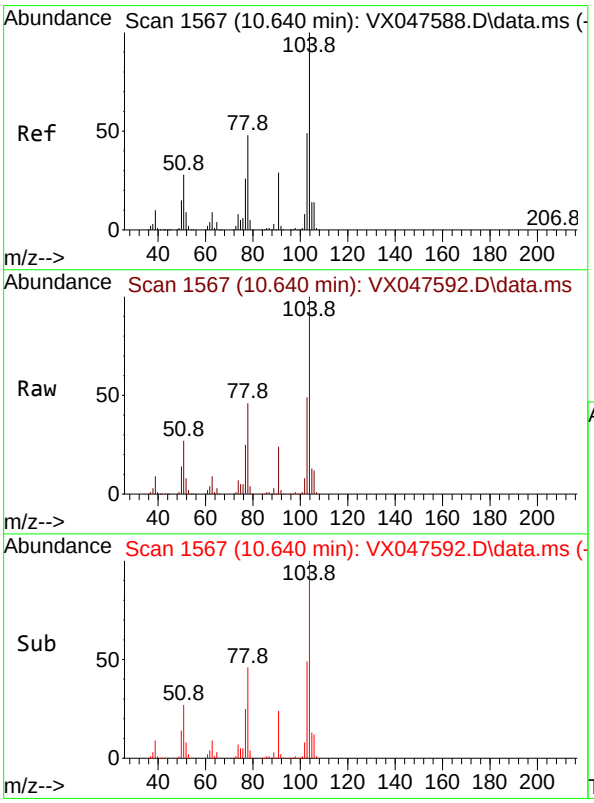
Ion	Ratio	Lower	Upper
106	100		
91	221.0	111.1	333.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
APPROVED

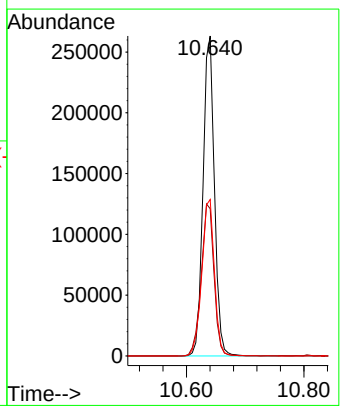
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

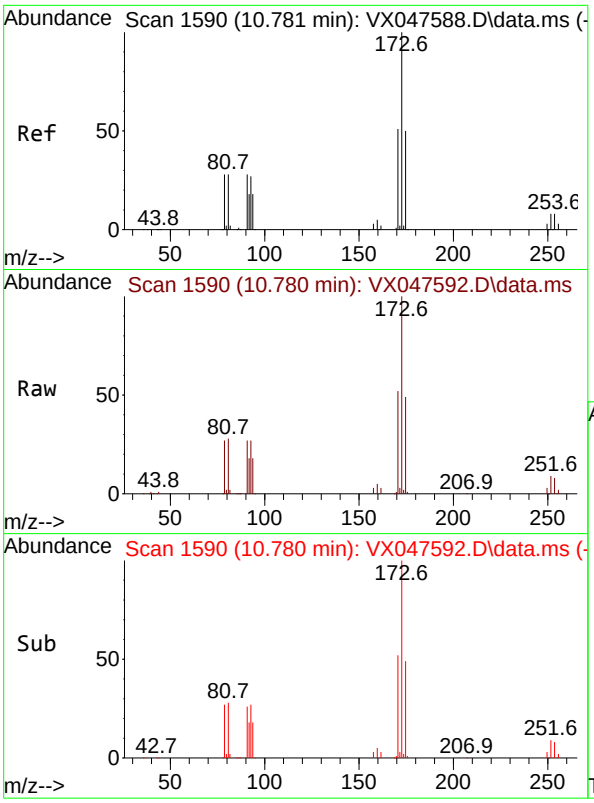


#70
Styrene
Concen: 49.536 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:104 Resp: 353567

Ion	Ratio	Lower	Upper
104	100		
78	53.4	43.1	64.7
103	54.3	43.1	64.7

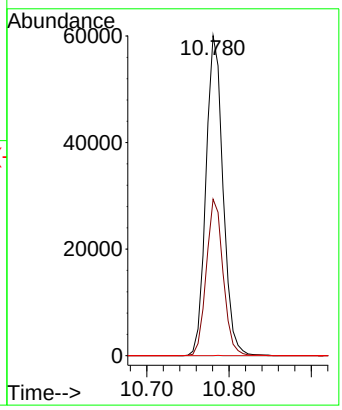




#71
Bromoform
Concen: 51.207 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:173 Resp: 8652

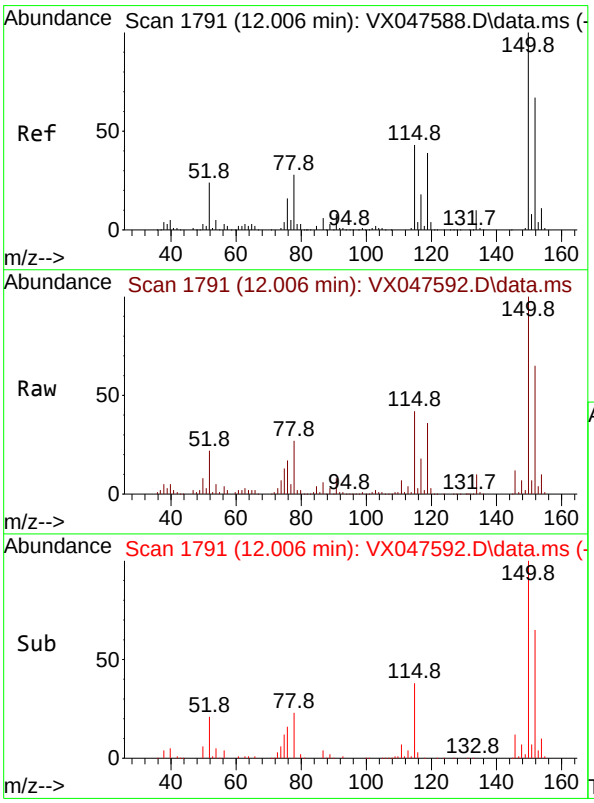
Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.9	74.6
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

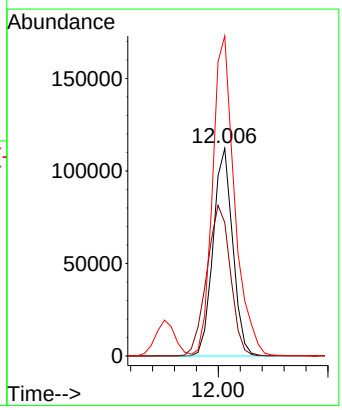
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

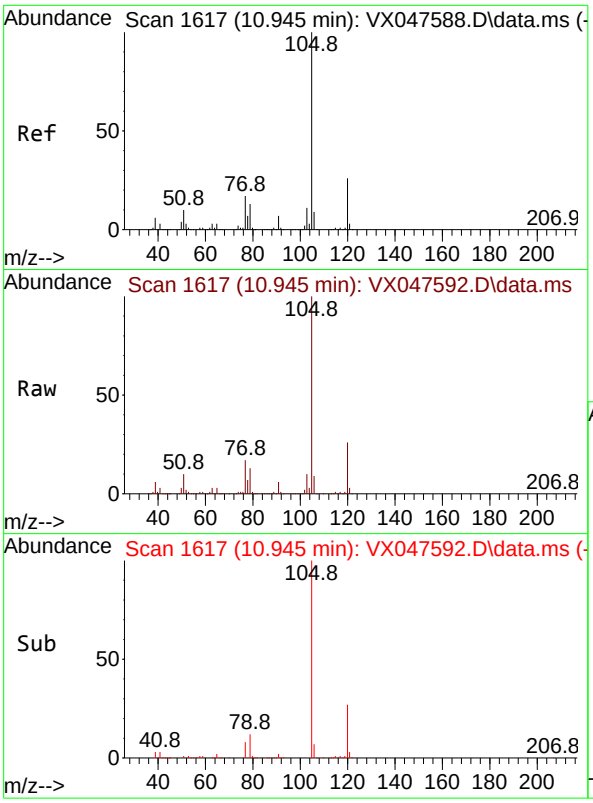


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:152 Resp: 139252

Ion	Ratio	Lower	Upper
152	100		
115	87.5	44.9	134.5
150	173.5	0.0	352.0

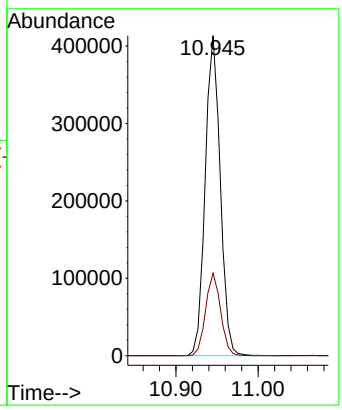




#73
Isopropylbenzene
Concen: 49.479 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:105 Resp: 52382

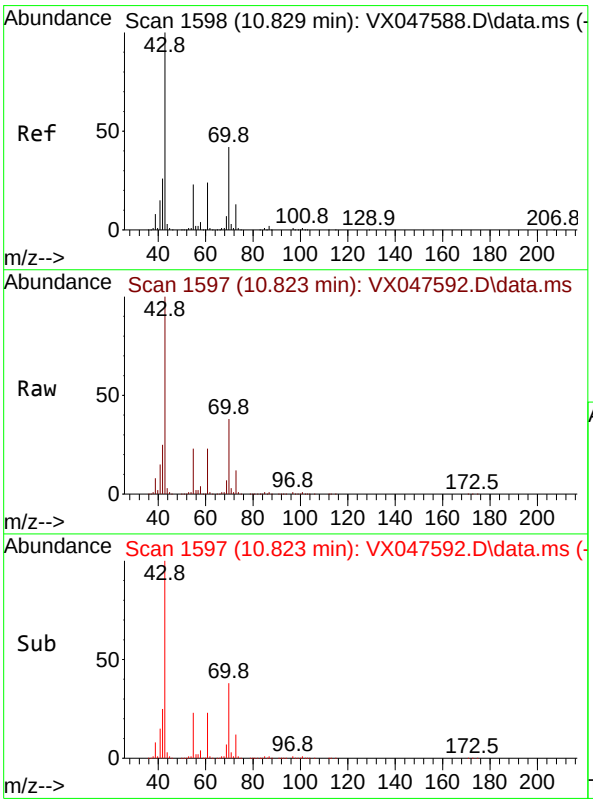
Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

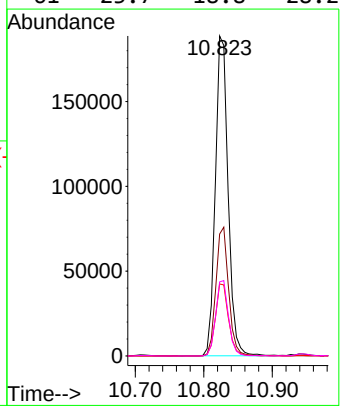
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

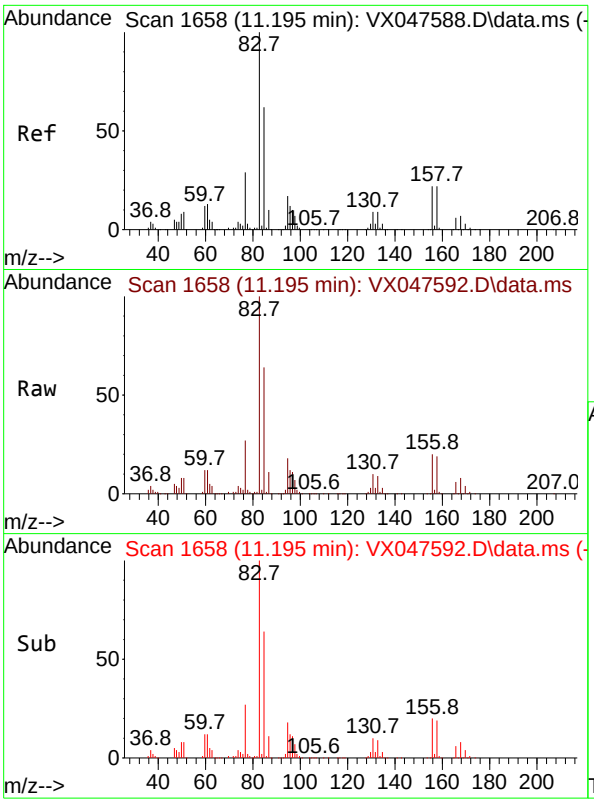


#74
N-amyl acetate
Concen: 50.375 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 243198

Ion	Ratio	Lower	Upper
43	100		
70	40.2	32.0	48.0
55	23.2	18.9	28.3
61	23.7	18.8	28.2

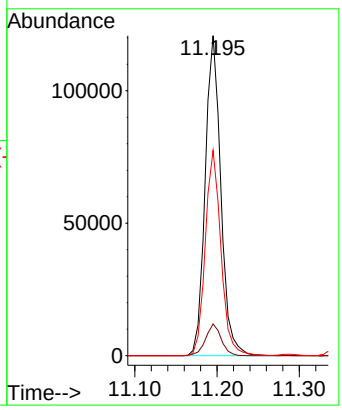




#75
1,1,2,2-Tetrachloroethane
Concen: 49.851 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 83 Resp: 15967

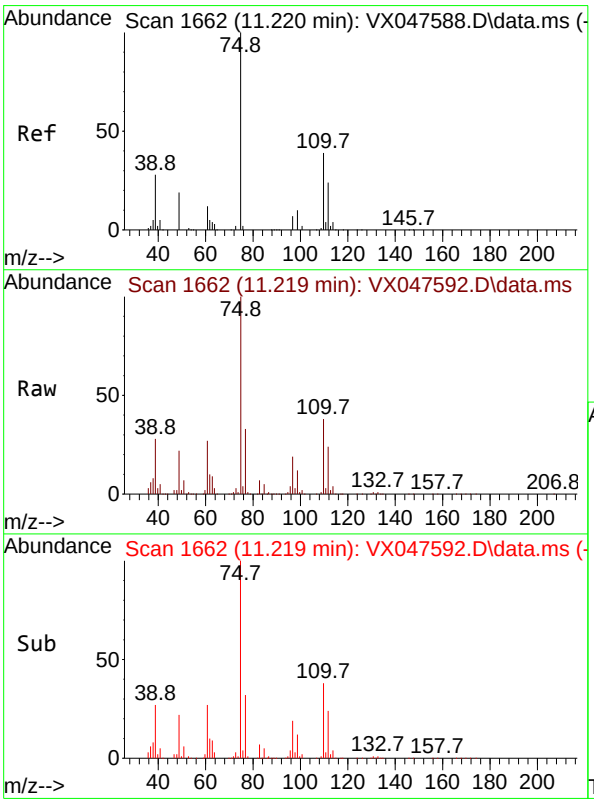
Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	14.9
85	64.2	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
APPROVED

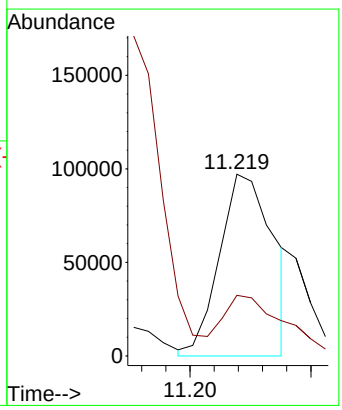
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

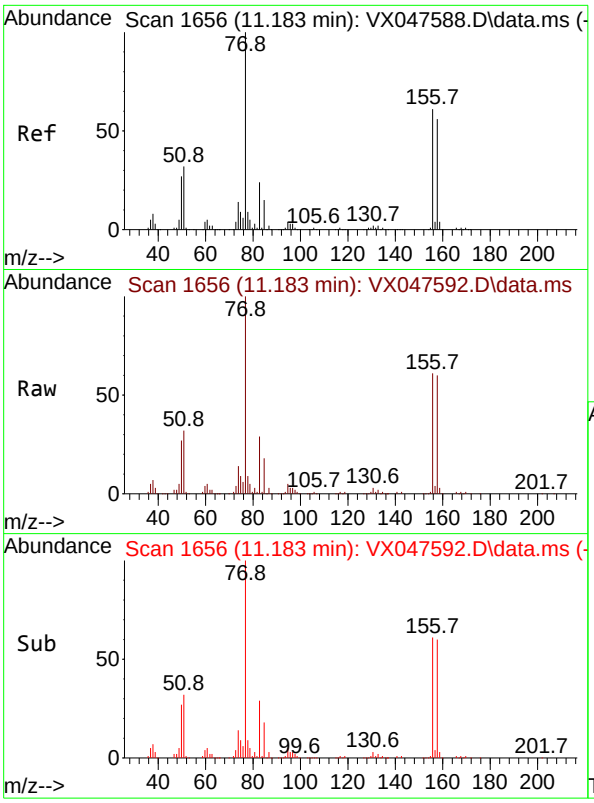


#76
1,2,3-Trichloropropane
Concen: 53.124 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 75 Resp: 149779

Ion	Ratio	Lower	Upper
75	100		
77	38.0	18.8	56.4

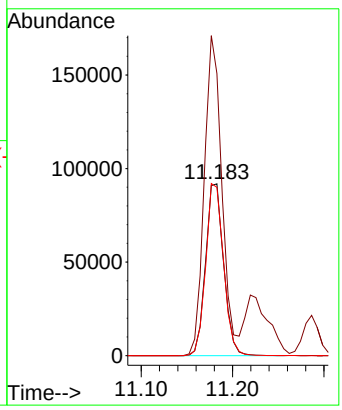




#77
Bromobenzene
Concen: 48.173 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:156 Resp: 12561

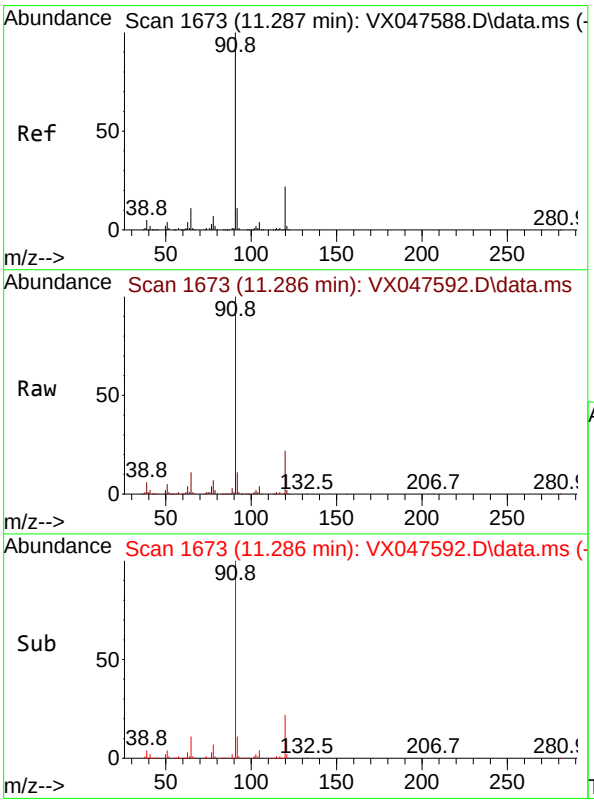
Ion	Ratio	Lower	Upper
156	100		
77	182.2	89.7	269.1
158	99.0	47.9	143.6



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
APPROVED

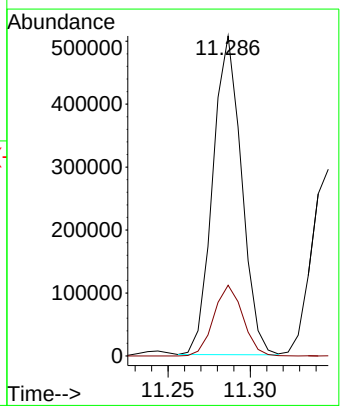
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

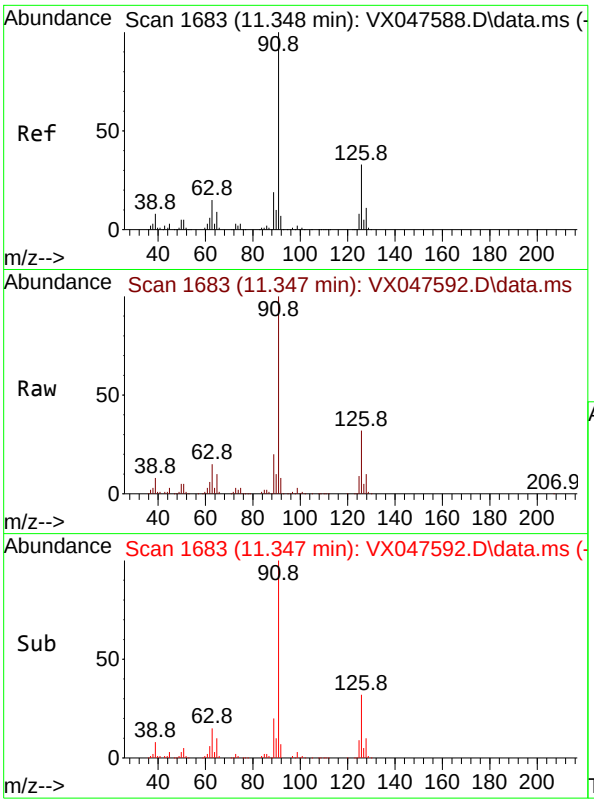


#78
n-propylbenzene
Concen: 49.295 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 91 Resp: 616928

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.1	33.1

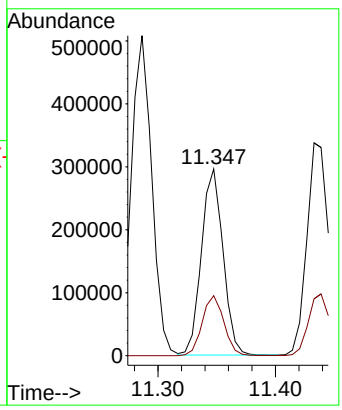




#79
2-Chlorotoluene
Concen: 49.117 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 91 Resp: 37648

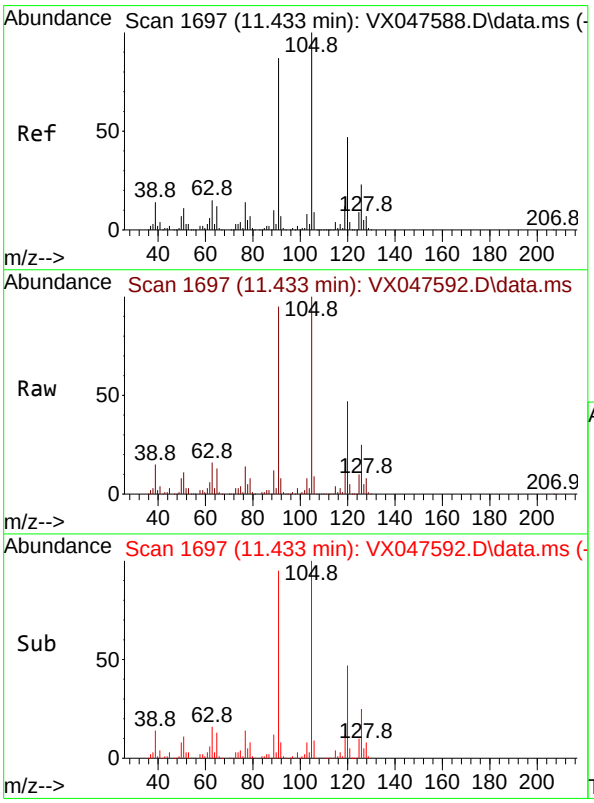
Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.1	48.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
APPROVED

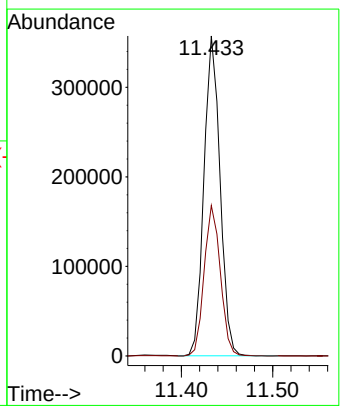
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

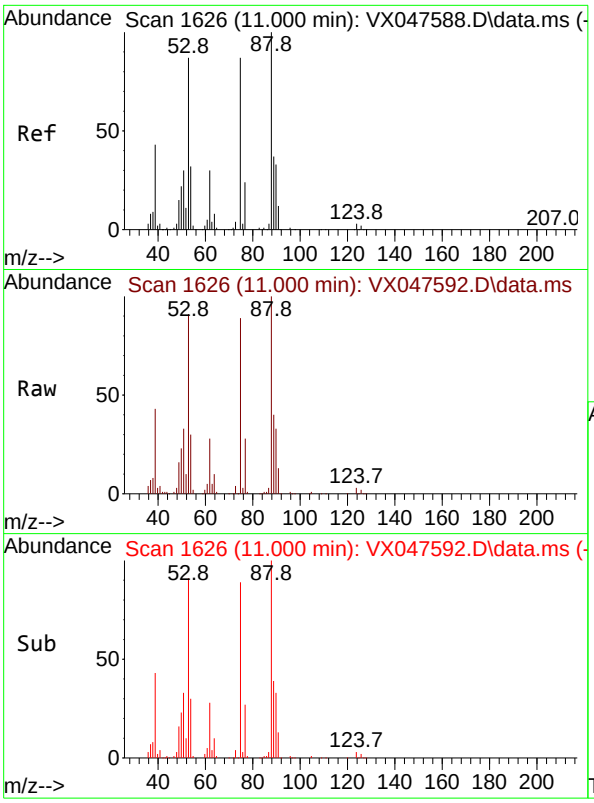


#80
1,3,5-Trimethylbenzene
Concen: 50.055 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:105 Resp: 435375

Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.6	70.8

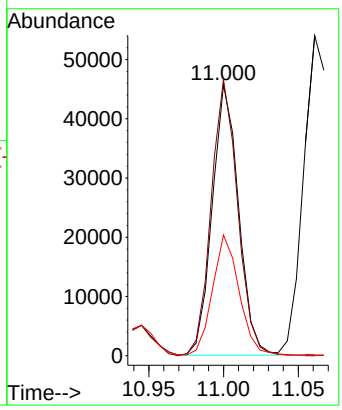




#81
trans-1,4-Dichloro-2-butene
Concen: 50.543 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 75 Resp: 5588

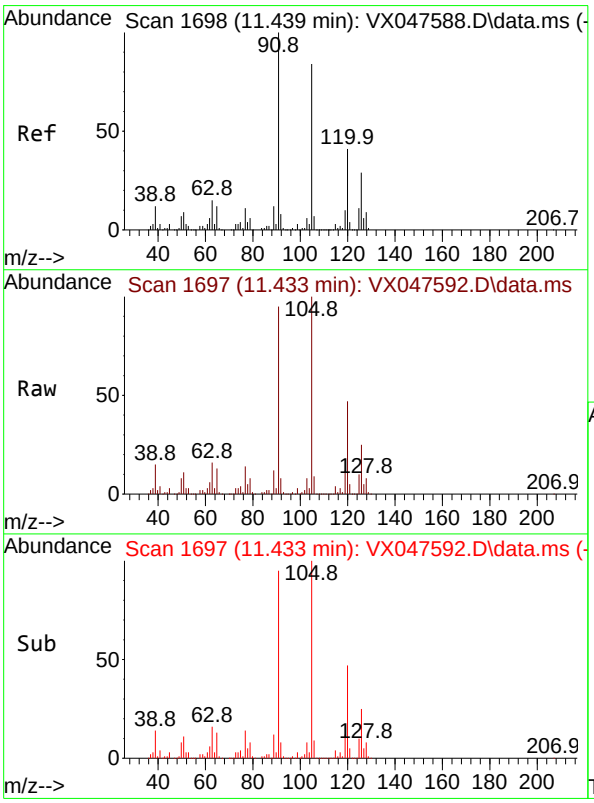
Ion	Ratio	Lower	Upper
75	100		
53	103.4	83.4	125.2
89	45.4	36.3	54.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

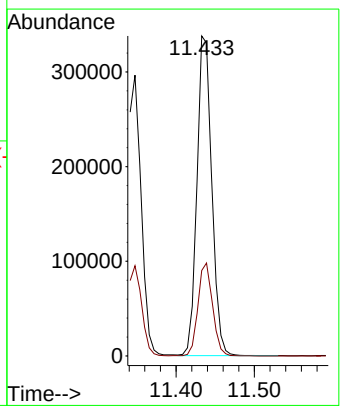
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

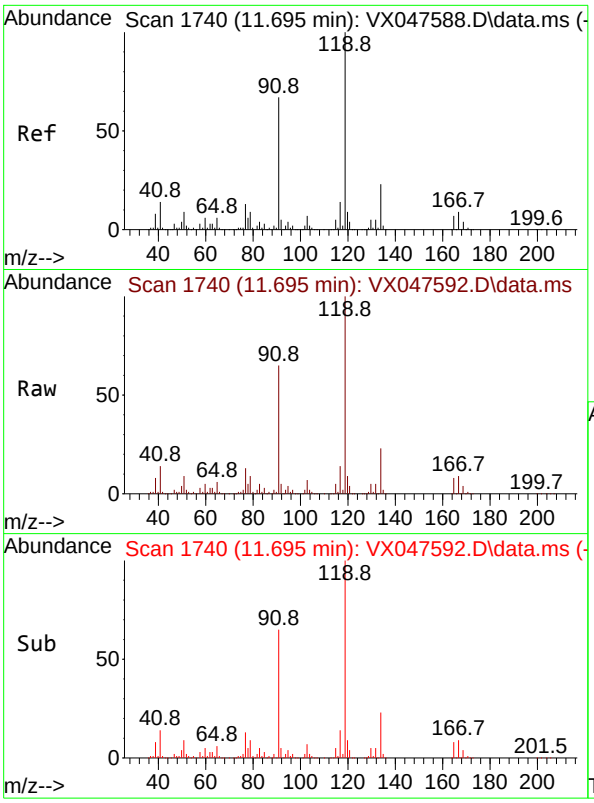


#82
4-Chlorotoluene
Concen: 49.164 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 91 Resp: 445075

Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.2	42.6

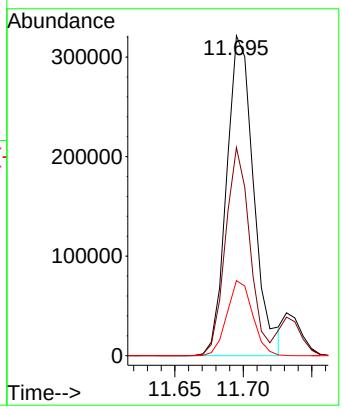




#83
tert-Butylbenzene
Concen: 49.679 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:119 Resp: 44234

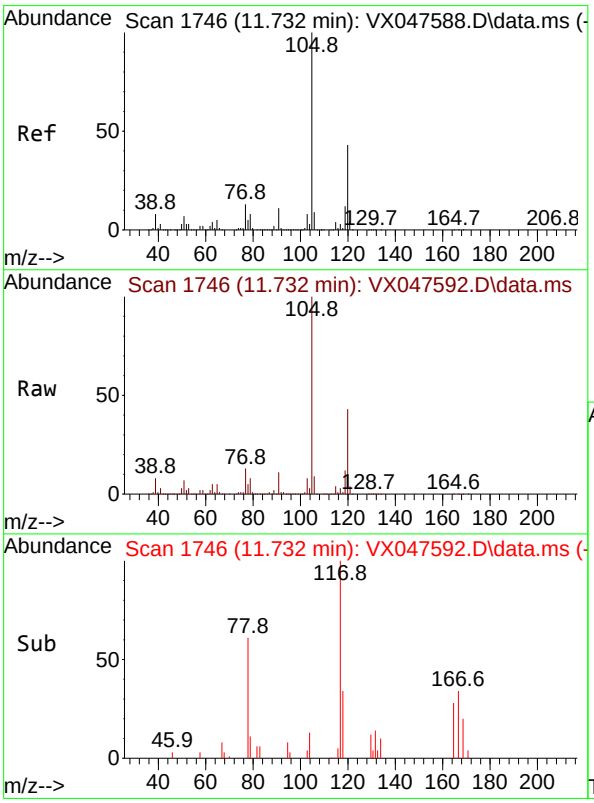
Ion	Ratio	Lower	Upper
119	100		
91	58.7	29.6	88.8
134	22.3	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

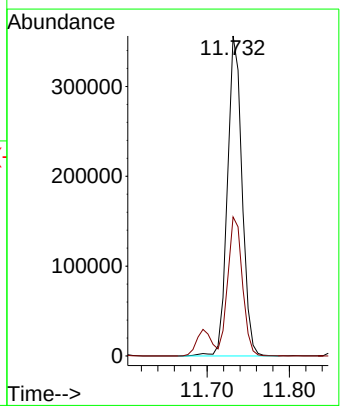
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

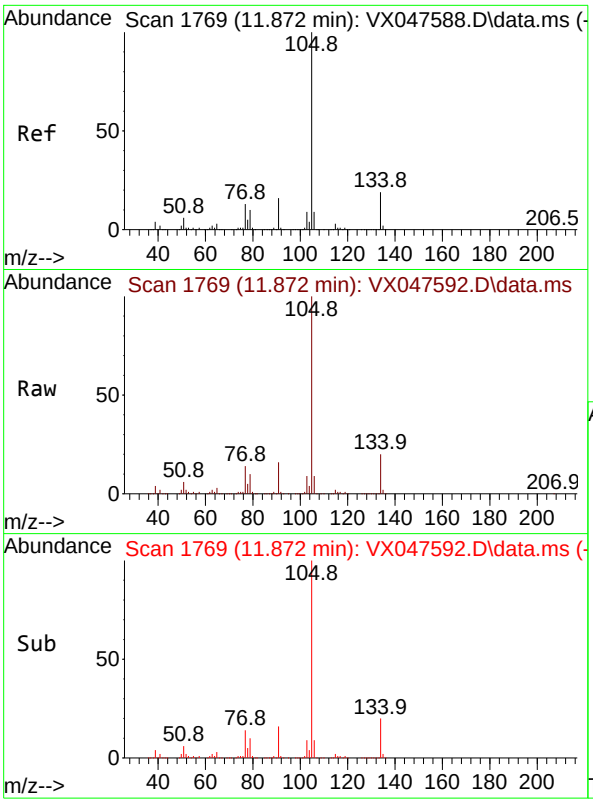


#84
1,2,4-Trimethylbenzene
Concen: 49.911 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:105 Resp: 440134

Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.1	66.1

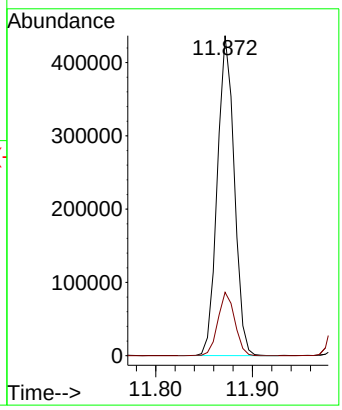




#85
sec-Butylbenzene
Concen: 50.100 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:105 Resp: 52986

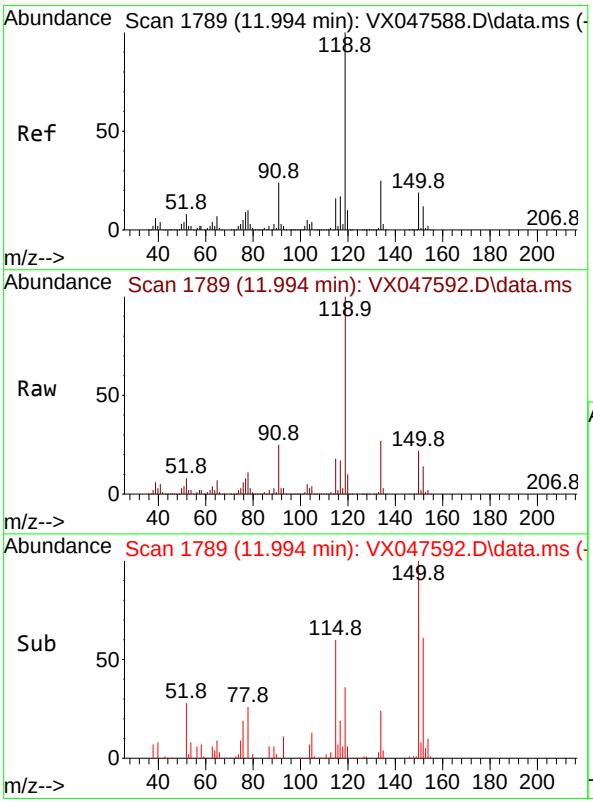
Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

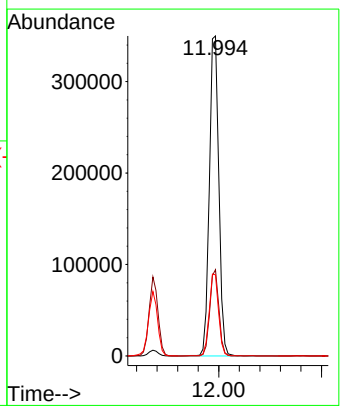
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

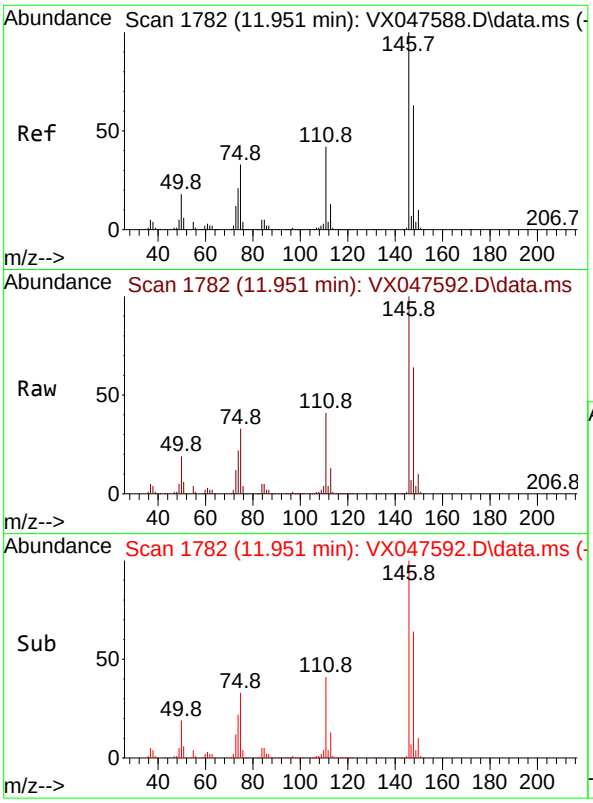


#86
p-Isopropyltoluene
Concen: 49.861 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:119 Resp: 446441

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.6	37.8
91	25.4	12.6	37.6

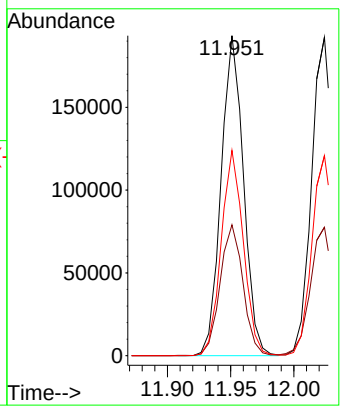




#87
1,3-Dichlorobenzene
Concen: 49.014 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:146 Resp: 23738

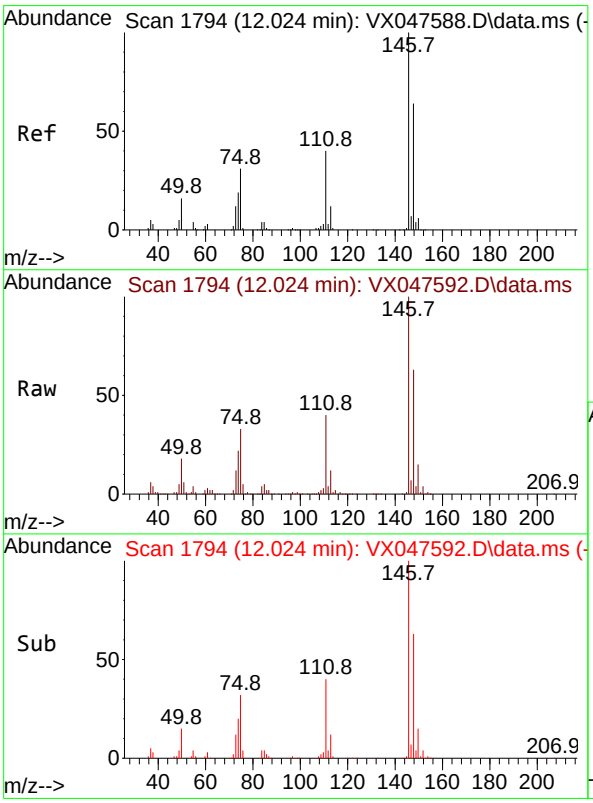
Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.5	64.5
148	63.5	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

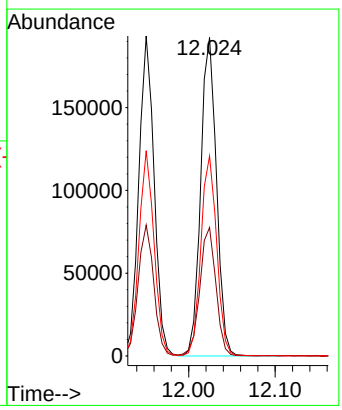
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

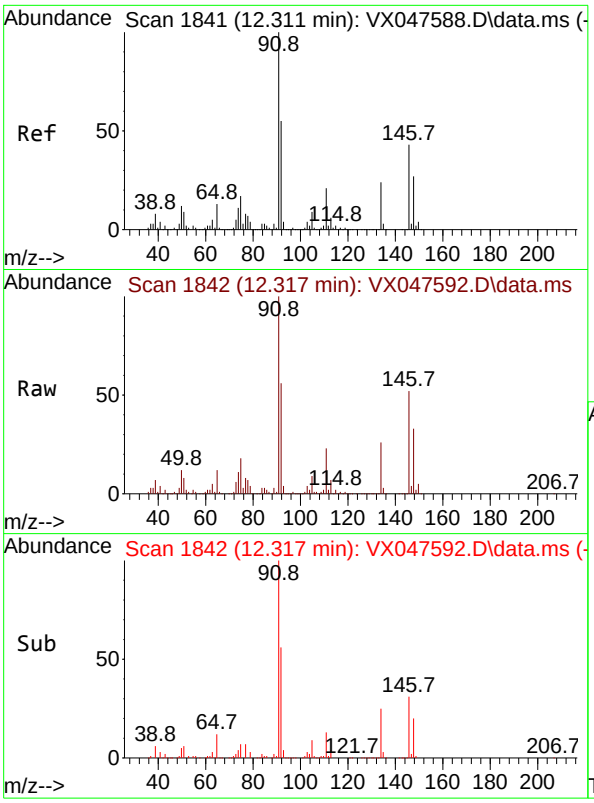


#88
1,4-Dichlorobenzene
Concen: 49.011 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:146 Resp: 243618

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.8	62.4
148	62.7	31.7	95.1

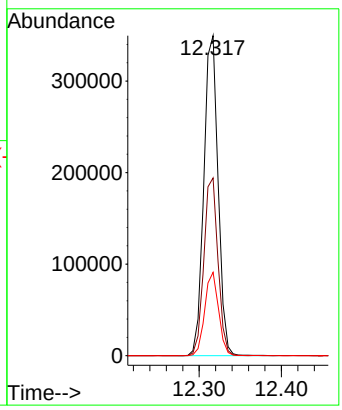




#89
n-Butylbenzene
Concen: 50.752 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 91 Resp: 42047

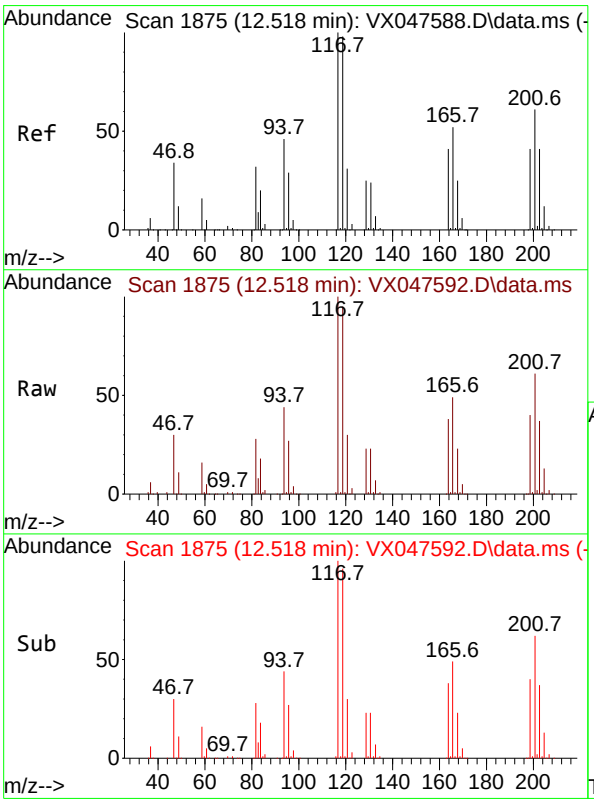
Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.6	82.7
134	25.3	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

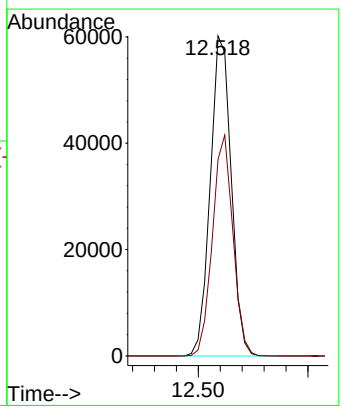
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

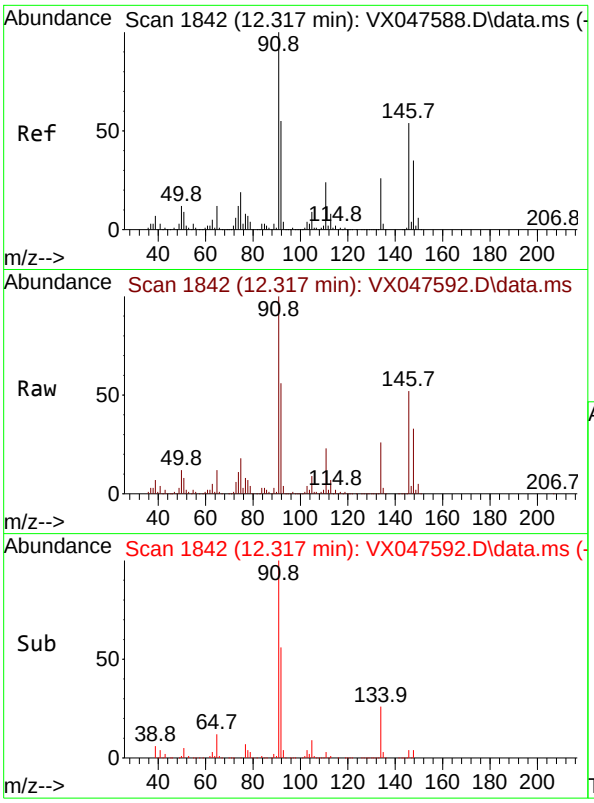


#90
Hexachloroethane
Concen: 50.732 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:117 Resp: 79751

Ion	Ratio	Lower	Upper
117	100		
201	67.7	34.2	102.5

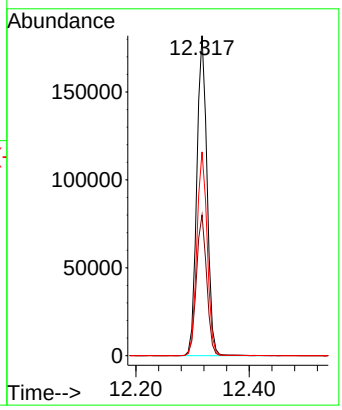




#91
1,2-Dichlorobenzene
Concen: 49.304 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:146 Resp: 22749

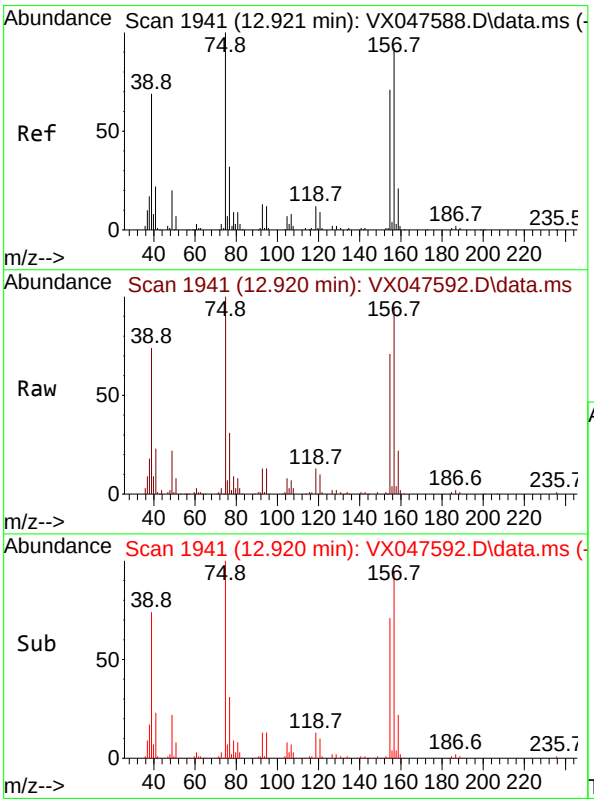
Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.2	66.6
148	64.1	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

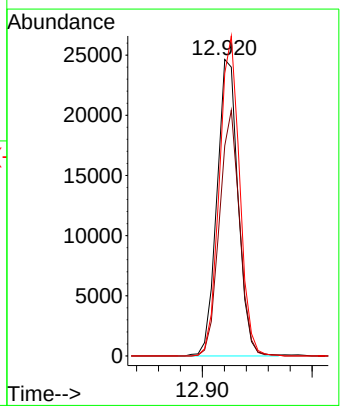
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

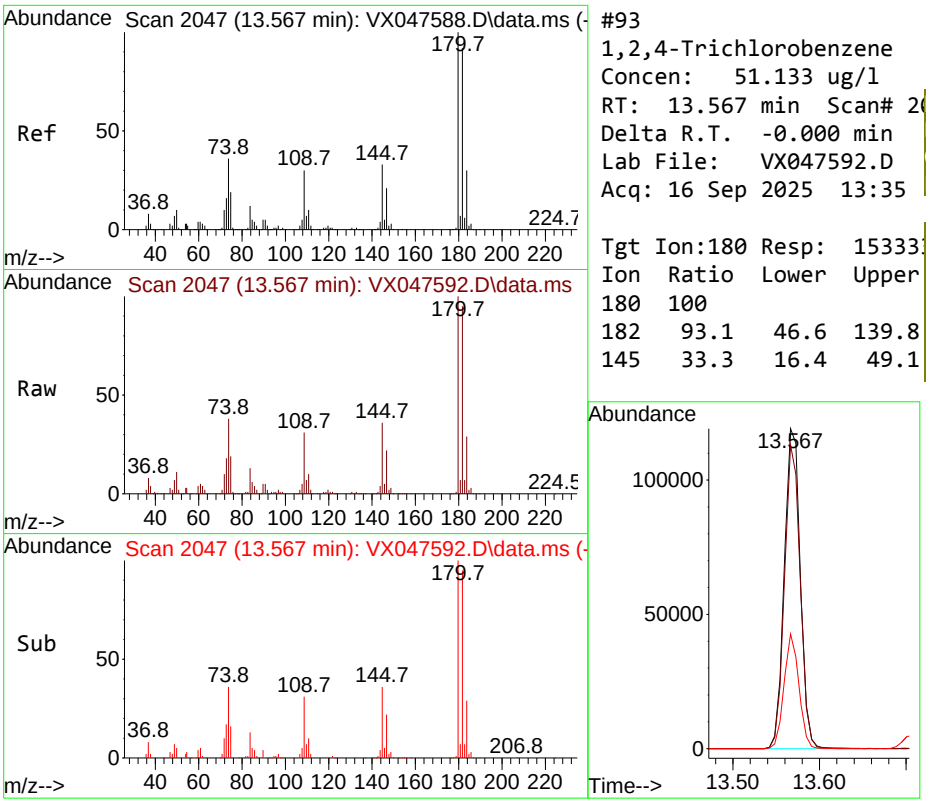


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.918 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 75 Resp: 33020

Ion	Ratio	Lower	Upper
75	100		
155	79.1	37.7	113.1
157	103.2	49.8	149.4





#93
1,2,4-Trichlorobenzene
Concen: 51.133 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

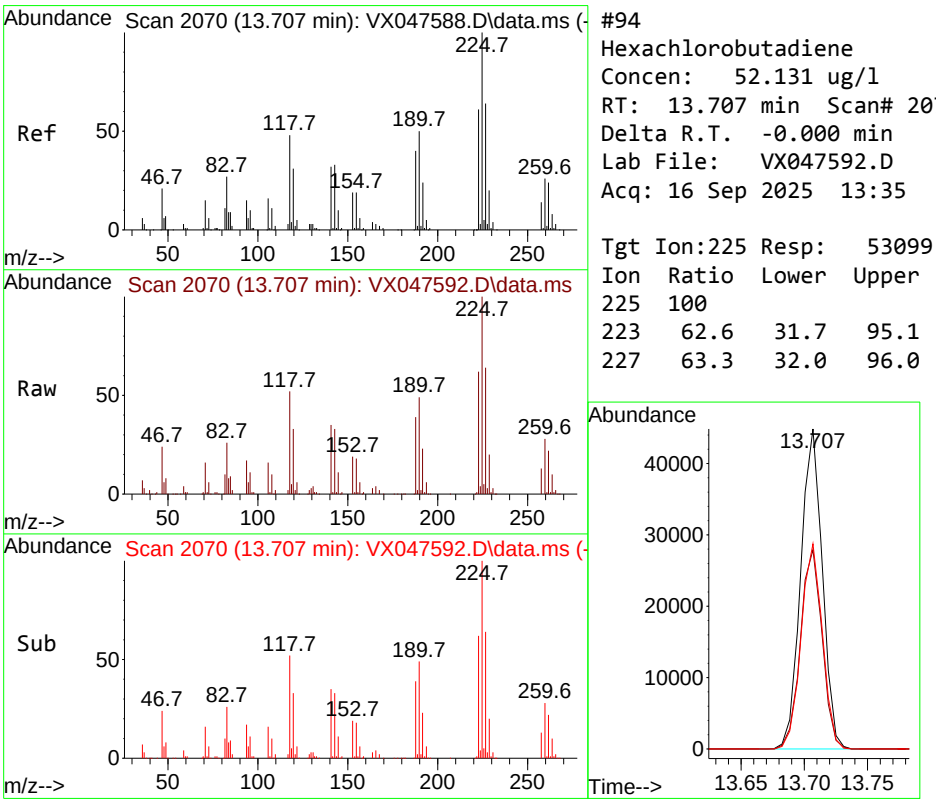
Tgt Ion:180 Resp: 15333

Ion	Ratio	Lower	Upper
180	100		
182	93.1	46.6	139.8
145	33.3	16.4	49.1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

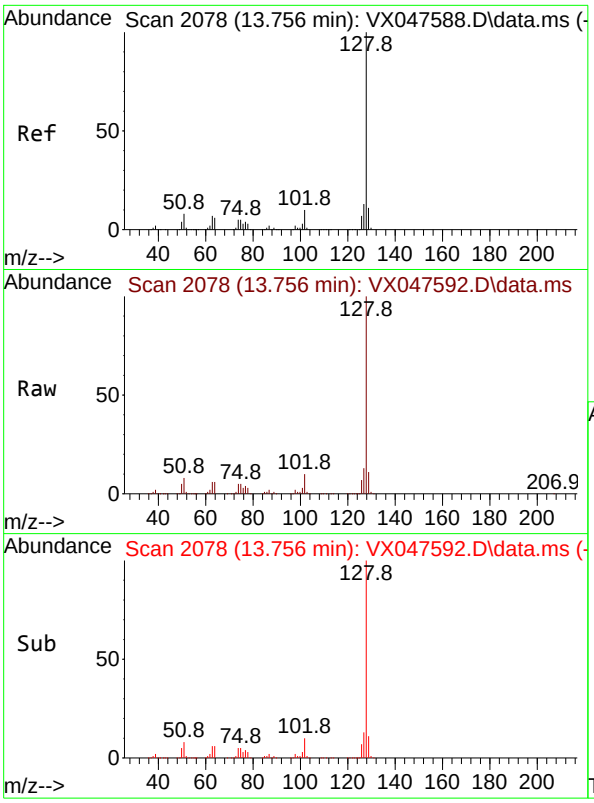
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#94
Hexachlorobutadiene
Concen: 52.131 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:225 Resp: 53099

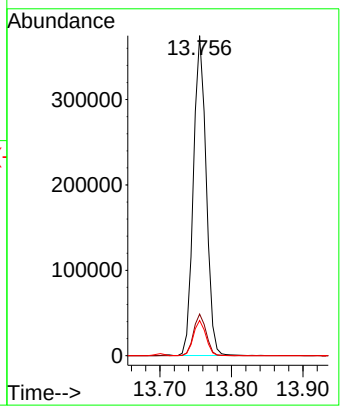
Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.7	95.1
227	63.3	32.0	96.0



#95
Naphthalene
Concen: 50.836 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:128 Resp: 46420

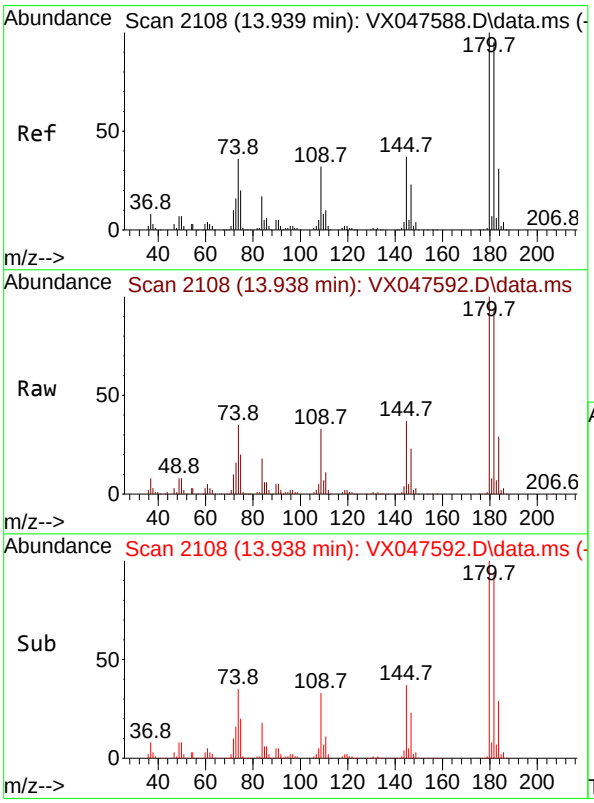
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.9	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

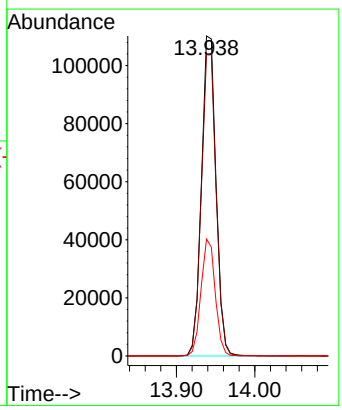
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.054 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:180 Resp: 142413

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.6	142.8
145	35.6	17.9	53.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	108	-0.01
2	T	Dichlorodifluoromethane	0.518	0.462	10.8	99	0.00
3	P	Chloromethane	0.680	0.595	12.5	97	0.00
4	C	Vinyl Chloride	0.666	0.610	8.4#	99	0.00
5	T	Bromomethane	0.422	0.410	2.8	104	0.00
6	T	Chloroethane	0.445	0.415	6.7	101	0.00
7	T	Trichlorofluoromethane	0.989	0.931	5.9	101	0.00
8	T	Diethyl Ether	0.405	0.378	6.7	99	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.578	0.561	2.9	103	0.00
10	T	Methyl Iodide	0.902	0.834	7.5	98	0.00
11	T	Tert butyl alcohol	0.089	0.091	-2.2	110	0.00
12	CM	1,1-Dichloroethene	0.594	0.559	5.9#	100	0.00
13	T	Acrolein	0.082	0.083	-1.2	110	0.00
14	T	Allyl chloride	1.226	1.146	6.5	102	0.00
15	T	Acrylonitrile	0.328	0.333	-1.5	103	0.00
16	T	Acetone	0.346	0.339	2.0	115	0.00
17	T	Carbon Disulfide	1.626	1.463	10.0	100	0.00
18	T	Methyl Acetate	0.770	0.850	-10.4	104	0.00
19	T	Methyl tert-butyl Ether	2.169	2.105	3.0	101	0.00
20	T	Methylene Chloride	0.732	0.674	7.9	99	0.00
21	T	trans-1,2-Dichloroethene	0.640	0.597	6.7	99	0.00
22	T	Diisopropyl ether	2.376	2.289	3.7	99	-0.01
23	T	Vinyl Acetate	1.901	1.867	1.8	101	0.00
24	P	1,1-Dichloroethane	1.263	1.213	4.0	101	0.00
25	T	2-Butanone	0.432	0.438	-1.4	107	0.00
26	T	2,2-Dichloropropane	1.050	1.039	1.0	105	0.00
27	T	cis-1,2-Dichloroethene	0.783	0.765	2.3	102	0.00
28	T	Bromochloromethane	0.551	0.514	6.7	96	-0.01
29	T	Tetrahydrofuran	0.260	0.263	-1.2	103	0.00
30	C	Chloroform	1.276	1.244	2.5#	101	0.00
31	T	Cyclohexane	1.052	0.968	8.0	101	0.00
32	T	1,1,1-Trichloroethane	1.082	1.060	2.0	101	0.00
33	S	1,2-Dichloroethane-d4	0.796	0.725	8.9	101	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
35	S	Dibromofluoromethane	0.335	0.306	8.7	100	0.00
36	T	1,1-Dichloropropene	0.490	0.457	6.7	101	0.00
37	T	Ethyl Acetate	0.525	0.517	1.5	105	-0.01
38	T	Carbon Tetrachloride	0.532	0.500	6.0	100	-0.01
39	T	Methylcyclohexane	0.556	0.541	2.7	103	0.00
40	TM	Benzene	1.488	1.410	5.2	100	0.00
41	T	Methacrylonitrile	0.271	0.274	-1.1	103	0.00
42	TM	1,2-Dichloroethane	0.566	0.531	6.2	98	0.00
43	T	Isopropyl Acetate	0.860	0.846	1.6	102	0.00
44	TM	Trichloroethene	0.360	0.346	3.9	101	0.00
45	C	1,2-Dichloropropane	0.381	0.366	3.9#	100	0.00
46	T	Dibromomethane	0.277	0.266	4.0	100	0.00
47	T	Bromodichloromethane	0.572	0.558	2.4	99	0.00
48	T	Methyl methacrylate	0.429	0.427	0.5	102	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.004	0.005	-25.0	106	0.00
50	S	Toluene-d8	1.160	1.077	7.2	101	0.00
51	T	4-Methyl-2-Pentanone	0.477	0.488	-2.3	103	0.00
52	CM	Toluene	0.917	0.883	3.7#	101	0.00
53	T	t-1,3-Dichloropropene	0.584	0.578	1.0	101	0.00
54	T	cis-1,3-Dichloropropene	0.624	0.615	1.4	102	0.00
55	T	1,1,2-Trichloroethane	0.354	0.338	4.5	99	0.00
56	T	Ethyl methacrylate	0.555	0.572	-3.1	103	0.00
57	T	1,3-Dichloropropane	0.607	0.594	2.1	101	0.00
58	T	2-Chloroethyl Vinyl ether	0.227	0.238	-4.8	94	0.00
59	T	2-Hexanone	0.343	0.347	-1.2	104	0.00
60	T	Dibromochloromethane	0.407	0.406	0.2	101	0.00
61	T	1,2-Dibromoethane	0.360	0.355	1.4	101	0.00
62	S	4-Bromofluorobenzene	0.440	0.410	6.8	104	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64	T	Tetrachloroethene	0.326	0.315	3.4	103	0.00
65	PM	Chlorobenzene	1.136	1.103	2.9	100	0.00
66	T	1,1,1,2-Tetrachloroethane	0.392	0.383	2.3	99	0.00
67	C	Ethyl Benzene	1.960	1.953	0.4#	102	0.00
68	T	m/p-Xylenes	0.729	0.722	1.0	101	0.00
69	T	o-Xylene	0.706	0.708	-0.3	101	0.00
70	T	Styrene	1.236	1.225	0.9	101	0.00
71	P	Bromoform	0.293	0.300	-2.4	102	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	109	0.00
73	T	Isopropylbenzene	3.801	3.762	1.0	101	0.00
74	T	N-amyl acetate	1.733	1.746	-0.8	102	0.00
75	P	1,1,2,2-Tetrachloroethane	1.150	1.147	0.3	102	0.00
76	T	1,2,3-Trichloropropane	1.012	1.076	-6.3	104	0.00
77	T	Bromobenzene	0.936	0.902	3.6	100	0.00
78	T	n-propylbenzene	4.494	4.430	1.4	101	0.00
79	T	2-Chlorotoluene	2.752	2.704	1.7	101	0.00
80	T	1,3,5-Trimethylbenzene	3.123	3.127	-0.1	102	0.00
81	T	trans-1,4-Dichloro-2-butene	0.397	0.401	-1.0	106	0.00
82	T	4-Chlorotoluene	3.251	3.196	1.7	101	0.00
83	T	tert-Butylbenzene	3.197	3.177	0.6	103	0.00
84	T	1,2,4-Trimethylbenzene	3.166	3.161	0.2	103	0.00
85	T	sec-Butylbenzene	3.797	3.805	-0.2	103	0.00
86	T	p-Isopropyltoluene	3.215	3.206	0.3	102	0.00
87	T	1,3-Dichlorobenzene	1.739	1.705	2.0	102	0.00
88	T	1,4-Dichlorobenzene	1.785	1.749	2.0	104	0.00
89	T	n-Butylbenzene	2.975	3.020	-1.5	105	0.00
90	T	Hexachloroethane	0.564	0.573	-1.6	105	0.00
91	T	1,2-Dichlorobenzene	1.657	1.634	1.4	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.233	0.237	-1.7	102	0.00
93	T	1,2,4-Trichlorobenzene	1.077	1.101	-2.2	104	0.00
94	T	Hexachlorobutadiene	0.366	0.381	-4.1	108	0.00
95	T	Naphthalene	3.279	3.334	-1.7	103	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.002	1.023	-2.1	102	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	108	-0.01
2	T	Dichlorodifluoromethane	50.000	44.592	10.8	99	0.00
3	P	Chloromethane	50.000	43.710	12.6	97	0.00
4	C	Vinyl Chloride	50.000	45.783	8.4#	99	0.00
5	T	Bromomethane	50.000	48.489	3.0	104	0.00
6	T	Chloroethane	50.000	46.575	6.8	101	0.00
7	T	Trichlorofluoromethane	50.000	47.074	5.9	101	0.00
8	T	Diethyl Ether	50.000	46.693	6.6	99	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.524	3.0	103	0.00
10	T	Methyl Iodide	50.000	46.210	7.6	98	0.00
11	T	Tert butyl alcohol	250.000	256.271	-2.5	110	0.00
12	CM	1,1-Dichloroethene	50.000	47.076	5.8#	100	0.00
13	T	Acrolein	250.000	254.867	-1.9	110	0.00
14	T	Allyl chloride	50.000	46.742	6.5	102	0.00
15	T	Acrylonitrile	250.000	253.567	-1.4	103	0.00
16	T	Acetone	250.000	245.006	2.0	115	0.00
17	T	Carbon Disulfide	50.000	44.966	10.1	100	0.00
18	T	Methyl Acetate	50.000	55.175	-10.3	104	0.00
19	T	Methyl tert-butyl Ether	50.000	48.538	2.9	101	0.00
20	T	Methylene Chloride	50.000	46.000	8.0	99	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.709	6.6	99	0.00
22	T	Diisopropyl ether	50.000	48.174	3.7	99	-0.01
23	T	Vinyl Acetate	250.000	245.539	1.8	101	0.00
24	P	1,1-Dichloroethane	50.000	48.041	3.9	101	0.00
25	T	2-Butanone	250.000	253.598	-1.4	107	0.00
26	T	2,2-Dichloropropane	50.000	49.494	1.0	105	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.826	2.3	102	0.00
28	T	Bromochloromethane	50.000	46.586	6.8	96	-0.01
29	T	Tetrahydrofuran	250.000	253.375	-1.4	103	0.00
30	C	Chloroform	50.000	48.739	2.5#	101	0.00
31	T	Cyclohexane	50.000	45.999	8.0	101	0.00
32	T	1,1,1-Trichloroethane	50.000	48.978	2.0	101	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.550	8.9	101	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.00
35	S	Dibromofluoromethane	50.000	45.559	8.9	100	0.00
36	T	1,1-Dichloropropene	50.000	46.663	6.7	101	0.00
37	T	Ethyl Acetate	50.000	49.241	1.5	105	-0.01
38	T	Carbon Tetrachloride	50.000	46.935	6.1	100	-0.01
39	T	Methylcyclohexane	50.000	48.597	2.8	103	0.00
40	TM	Benzene	50.000	47.357	5.3	100	0.00
41	T	Methacrylonitrile	50.000	50.490	-1.0	103	0.00
42	TM	1,2-Dichloroethane	50.000	46.867	6.3	98	0.00
43	T	Isopropyl Acetate	50.000	49.136	1.7	102	0.00
44	TM	Trichloroethene	50.000	48.037	3.9	101	0.00
45	C	1,2-Dichloropropane	50.000	48.053	3.9#	100	0.00
46	T	Dibromomethane	50.000	47.976	4.0	100	0.00
47	T	Bromodichloromethane	50.000	48.769	2.5	99	0.00
48	T	Methyl methacrylate	50.000	49.757	0.5	102	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1089.520	-9.0	106	0.00
50	S	Toluene-d8	50.000	46.411	7.2	101	0.00
51	T	4-Methyl-2-Pentanone	250.000	255.752	-2.3	103	0.00
52	CM	Toluene	50.000	48.130	3.7#	101	0.00
53	T	t-1,3-Dichloropropene	50.000	49.527	0.9	101	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.257	1.5	102	0.00
55	T	1,1,2-Trichloroethane	50.000	47.772	4.5	99	0.00
56	T	Ethyl methacrylate	50.000	51.490	-3.0	103	0.00
57	T	1,3-Dichloropropane	50.000	48.894	2.2	101	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	225.562	9.8	94	0.00
59	T	2-Hexanone	250.000	253.126	-1.3	104	0.00
60	T	Dibromochloromethane	50.000	49.824	0.4	101	0.00
61	T	1,2-Dibromoethane	50.000	49.297	1.4	101	0.00
62	S	4-Bromofluorobenzene	50.000	46.520	7.0	104	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64	T	Tetrachloroethene	50.000	48.296	3.4	103	0.00
65	PM	Chlorobenzene	50.000	48.549	2.9	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.794	2.4	99	0.00
67	C	Ethyl Benzene	50.000	49.813	0.4#	102	0.00
68	T	m/p-Xylenes	100.000	98.956	1.0	101	0.00
69	T	o-Xylene	50.000	50.159	-0.3	101	0.00
70	T	Styrene	50.000	49.536	0.9	101	0.00
71	P	Bromoform	50.000	51.207	-2.4	102	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	109	0.00
73	T	Isopropylbenzene	50.000	49.479	1.0	101	0.00
74	T	N-amyl acetate	50.000	50.375	-0.8	102	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.851	0.3	102	0.00
76	T	1,2,3-Trichloropropane	50.000	53.124	-6.2	104	0.00
77	T	Bromobenzene	50.000	48.173	3.7	100	0.00
78	T	n-propylbenzene	50.000	49.295	1.4	101	0.00
79	T	2-Chlorotoluene	50.000	49.117	1.8	101	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.055	-0.1	102	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.543	-1.1	106	0.00
82	T	4-Chlorotoluene	50.000	49.164	1.7	101	0.00
83	T	tert-Butylbenzene	50.000	49.679	0.6	103	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.911	0.2	103	0.00
85	T	sec-Butylbenzene	50.000	50.100	-0.2	103	0.00
86	T	p-Isopropyltoluene	50.000	49.861	0.3	102	0.00
87	T	1,3-Dichlorobenzene	50.000	49.014	2.0	102	0.00
88	T	1,4-Dichlorobenzene	50.000	49.011	2.0	104	0.00
89	T	n-Butylbenzene	50.000	50.752	-1.5	105	0.00
90	T	Hexachloroethane	50.000	50.732	-1.5	105	0.00
91	T	1,2-Dichlorobenzene	50.000	49.304	1.4	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.918	-1.8	102	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.133	-2.3	104	0.00
94	T	Hexachlorobutadiene	50.000	52.131	-4.3	108	0.00
95	T	Naphthalene	50.000	50.836	-1.7	103	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.054	-2.1	102	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

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.:	Q3246
Instrument ID:	MSVOA_X	Calibration Date/Time:	10/02/2025 08:50
Lab File ID:	VX047953.D	Init. Calib. Date(s):	09/16/2025 09/16/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	09:23 12:01

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.607		17.18	20
Chloromethane	0.680	0.738	0.1	8.53	20
Vinyl Chloride	0.666	0.774		16.22	20
Bromomethane	0.422	0.529		25.35	20
Chloroethane	0.445	0.513		15.28	20
Trichlorofluoromethane	0.989	1.180		19.31	20
1,1,2-Trichlorotrifluoroethane	0.578	0.646		11.77	20
1,1-Dichloroethene	0.594	0.675		13.64	20
Acetone	0.346	0.274		-20.81	20
Carbon Disulfide	1.626	1.707		4.98	20
Methyl tert-butyl Ether	2.169	2.401		10.7	20
Methyl Acetate	0.770	0.848		10.13	20
Methylene Chloride	0.732	0.839		14.62	20
trans-1,2-Dichloroethene	0.640	0.711		11.09	20
1,1-Dichloroethane	1.263	1.477	0.1	16.94	20
Cyclohexane	1.052	1.032		-1.9	20
2-Butanone	0.432	0.387		-10.42	20
Carbon Tetrachloride	0.532	0.571		7.33	20
cis-1,2-Dichloroethene	0.783	0.887		13.28	20
Bromochloromethane	0.551	0.627		13.79	20
Chloroform	1.276	1.505		17.95	20
1,1,1-Trichloroethane	1.082	1.237		14.32	20
Methylcyclohexane	0.556	0.506		-8.99	20
Benzene	1.488	1.617		8.67	20
1,2-Dichloroethane	0.566	0.622		9.89	20
Trichloroethene	0.360	0.385		6.94	20
1,2-Dichloropropane	0.381	0.427		12.07	20
Bromodichloromethane	0.572	0.652		13.99	20
4-Methyl-2-Pentanone	0.477	0.456		-4.4	20
Toluene	0.917	0.976		6.43	20
t-1,3-Dichloropropene	0.584	0.570		-2.4	20
cis-1,3-Dichloropropene	0.624	0.626		0.32	20
1,1,2-Trichloroethane	0.354	0.383		8.19	20
2-Hexanone	0.343	0.298		-13.12	20
Dibromochloromethane	0.407	0.471		15.73	20
1,2-Dibromoethane	0.360	0.384		6.67	20
Tetrachloroethene	0.326	0.351		7.67	20
Chlorobenzene	1.136	1.219	0.3	7.31	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	TETR06
Lab Code:	ACE	SDG No.:	Q3246
Instrument ID:	MSVOA_X	Calibration Date/Time:	10/02/2025 08:50
Lab File ID:	VX047953.D	Init. Calib. Date(s):	09/16/2025 09/16/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	09:23 12:01

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.960	2.066		5.41	20
m/p-Xylenes	0.729	0.771		5.76	20
o-Xylene	0.706	0.750		6.23	20
Styrene	1.236	1.323		7.04	20
Bromoform	0.293	0.312	0.1	6.49	20
Isopropylbenzene	3.801	3.997		5.16	20
1,1,2,2-Tetrachloroethane	1.150	1.175	0.3	2.17	20
1,3-Dichlorobenzene	1.739	1.803		3.68	20
1,4-Dichlorobenzene	1.785	1.819		1.9	20
1,2-Dichlorobenzene	1.657	1.757		6.03	20
1,2-Dibromo-3-Chloropropane	0.233	0.205		-12.02	20
1,2,4-Trichlorobenzene	1.077	0.986		-8.45	20
1,2,3-Trichlorobenzene	1.002	0.942		-5.99	20
1,2-Dichloroethane-d4	0.796	0.847		6.41	20
Dibromofluoromethane	0.335	0.369		10.15	20
Toluene-d8	1.160	1.220		5.17	20
4-Bromofluorobenzene	0.440	0.443		0.68	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047953.D
Acq On : 02 Oct 2025 08:50
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 03 03:24:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.532	168	140837	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	255190	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	226757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	107762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	119342	53.236	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.480%			
35) Dibromofluoromethane	5.367	113	94277	55.086	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.180%			
50) Toluene-d8	8.629	98	311220	52.554	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.100%			
62) 4-Bromofluorobenzene	11.061	95	112989	50.274	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	85539	58.653	ug/l	99
3) Chloromethane	1.301	50	103928	54.222	ug/l	100
4) Vinyl Chloride	1.380	62	108939	58.062	ug/l	98
5) Bromomethane	1.618	94	74517	62.632	ug/l	98
6) Chloroethane	1.697	64	72180	57.559	ug/l	99
7) Trichlorofluoromethane	1.892	101	166147	59.639	ug/l	100
8) Diethyl Ether	2.136	74	65916	57.841	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	90993	55.859	ug/l	99
10) Methyl Iodide	2.453	142	126895	49.948	ug/l	99
11) Tert butyl alcohol	2.934	59	49600	198.659	ug/l	98
12) 1,1-Dichloroethene	2.325	96	95037	56.796	ug/l	95
13) Acrolein	2.233	56	49937	217.044	ug/l	99
14) Allyl chloride	2.666	41	173030	50.112	ug/l	100
15) Acrylonitrile	3.050	53	246416	266.451	ug/l	99
16) Acetone	2.374	43	193278	198.289	ug/l	96
17) Carbon Disulfide	2.514	76	240354	52.470	ug/l	99
18) Methyl Acetate	2.697	43	119385	55.035	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	338102	55.352	ug/l	99
20) Methylene Chloride	2.788	84	118201	57.289	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	100188	55.614	ug/l	97
22) Diisopropyl ether	3.745	45	389705	58.236	ug/l	94
23) Vinyl Acetate	3.709	43	1443555	269.534	ug/l	99
24) 1,1-Dichloroethane	3.605	63	207991	58.478	ug/l	98
25) 2-Butanone	4.532	43	272429	224.064	ug/l	99
26) 2,2-Dichloropropane	4.459	77	90997	30.778	ug/l	95
27) cis-1,2-Dichloroethene	4.477	96	124952	56.636	ug/l	95
28) Bromochloromethane	4.873	49	88293	56.862	ug/l	99
29) Tetrahydrofuran	4.983	42	171076	233.893	ug/l	100
30) Chloroform	5.074	83	211945	58.969	ug/l	96
31) Cyclohexane	5.452	56	145363	49.071	ug/l	94
32) 1,1,1-Trichloroethane	5.367	97	174234	57.151	ug/l	99
36) 1,1-Dichloropropene	5.672	75	128140	51.239	ug/l	99
37) Ethyl Acetate	4.684	43	125401	46.832	ug/l	99
38) Carbon Tetrachloride	5.660	117	145807	53.661	ug/l	96
39) Methylcyclohexane	7.360	83	129139	45.491	ug/l	96
40) Benzene	6.019	78	412588	54.319	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047953.D
Acq On : 02 Oct 2025 08:50
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 03 03:24:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.897	41	69084	49.975	ug/l		99
42) 1,2-Dichloroethane	6.062	62	158621	54.885	ug/l		100
43) Isopropyl Acetate	6.318	43	210358	47.901	ug/l		99
44) Trichloroethene	7.104	130	98149	53.448	ug/l		99
45) 1,2-Dichloropropane	7.409	63	109011	56.048	ug/l		98
46) Dibromomethane	7.562	93	75995	53.694	ug/l		98
47) Bromodichloromethane	7.799	83	166380	56.967	ug/l		100
48) Methyl methacrylate	7.671	41	105367	48.168	ug/l		98
49) 1,4-Dioxane	7.641	88	23633	1069.039	ug/l		98
51) 4-Methyl-2-Pentanone	8.555	43	581711	238.909	ug/l		99
52) Toluene	8.702	92	249080	53.226	ug/l		100
53) t-1,3-Dichloropropene	8.958	75	145506	48.842	ug/l		99
54) cis-1,3-Dichloropropene	8.348	75	159868	50.207	ug/l		97
55) 1,1,2-Trichloroethane	9.134	97	97722	54.156	ug/l		98
56) Ethyl methacrylate	9.098	69	143453	50.622	ug/l		99
57) 1,3-Dichloropropane	9.293	76	169848	54.794	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.220	63	379885	278.455	ug/l		99
59) 2-Hexanone	9.409	43	380701	217.702	ug/l		99
60) Dibromochloromethane	9.500	129	120224	57.824	ug/l		100
61) 1,2-Dibromoethane	9.592	107	98050	53.348	ug/l		98
64) Tetrachloroethene	9.256	164	79519	53.794	ug/l		97
65) Chlorobenzene	10.061	112	276438	53.662	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.147	131	100467	56.517	ug/l		99
67) Ethyl Benzene	10.177	91	468591	52.719	ug/l		100
68) m/p-Xylenes	10.281	106	349533	105.651	ug/l		100
69) o-Xylene	10.622	106	169967	53.115	ug/l		99
70) Styrene	10.634	104	299893	53.486	ug/l		99
71) Bromoform	10.781	173	70807	53.345	ug/l	#	99
73) Isopropylbenzene	10.945	105	430684	52.569	ug/l		99
74) N-amyl acetate	10.823	43	177201	47.430	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	126599	51.074	ug/l		98
76) 1,2,3-Trichloropropane	11.220	75	99831m	45.755	ug/l		
77) Bromobenzene	11.177	156	109754	54.392	ug/l		96
78) n-propylbenzene	11.287	91	501836	51.816	ug/l		99
79) 2-Chlorotoluene	11.348	91	311143	52.454	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	351942	52.286	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	32458	37.937	ug/l		99
82) 4-Chlorotoluene	11.433	91	364954	52.094	ug/l		99
83) tert-Butylbenzene	11.695	119	343802	49.895	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	352913	51.715	ug/l		100
85) sec-Butylbenzene	11.872	105	408309	49.888	ug/l		99
86) p-Isopropyltoluene	11.988	119	340551	49.149	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	194331	51.850	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	196020	50.959	ug/l		99
89) n-Butylbenzene	12.311	91	300893	46.931	ug/l		99
90) Hexachloroethane	12.518	117	65906	54.176	ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	189358	53.032	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	22129	44.095	ug/l		97
93) 1,2,4-Trichlorobenzene	13.567	180	106258	45.789	ug/l		99
94) Hexachlorobutadiene	13.707	225	33069	41.953	ug/l		97
95) Naphthalene	13.756	128	319867	45.266	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	101535	47.036	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047953.D
Acq On : 02 Oct 2025 08:50
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 03 03:24:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

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

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

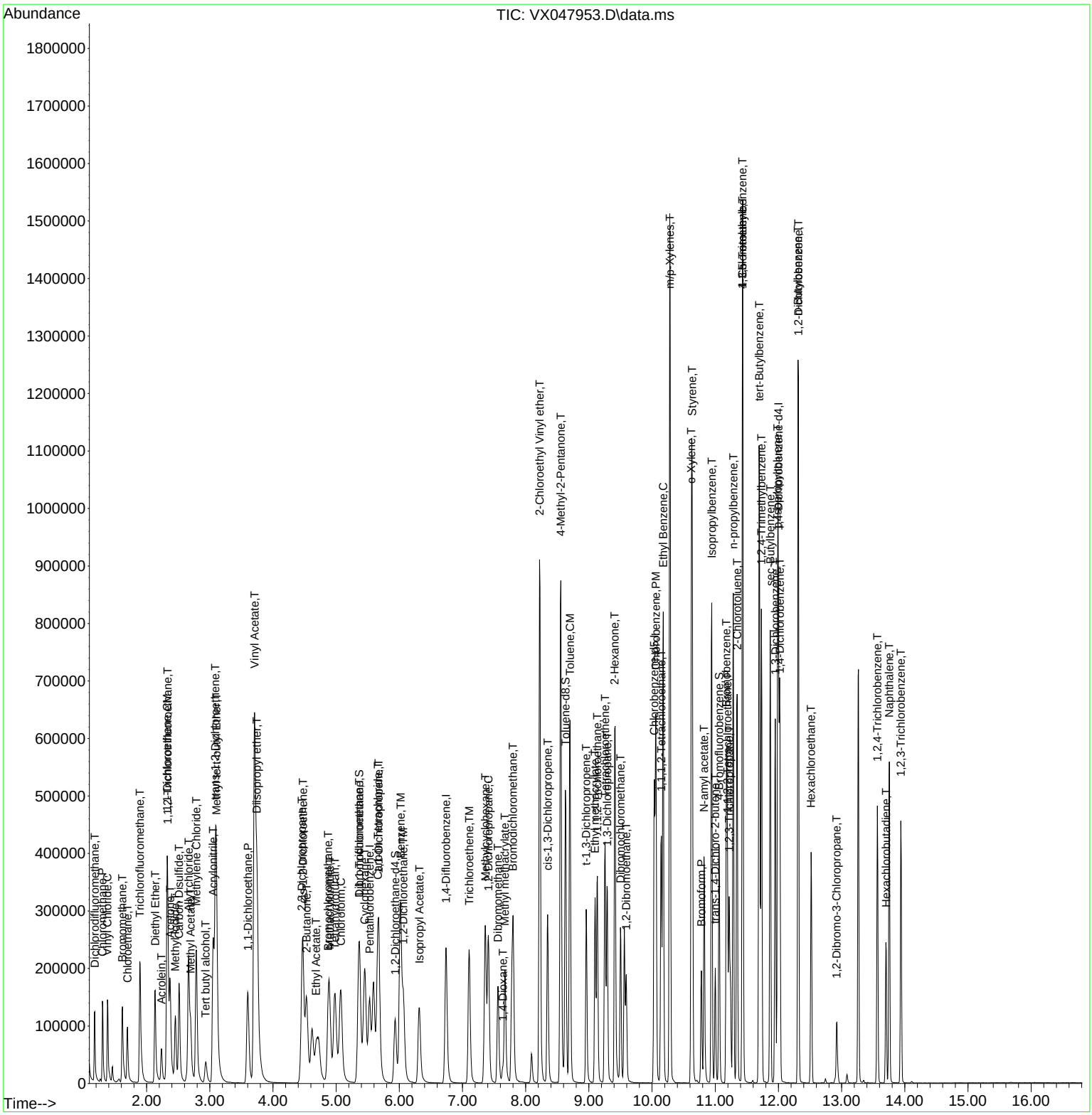
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Acq On : 02 Oct 2025 08:50
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

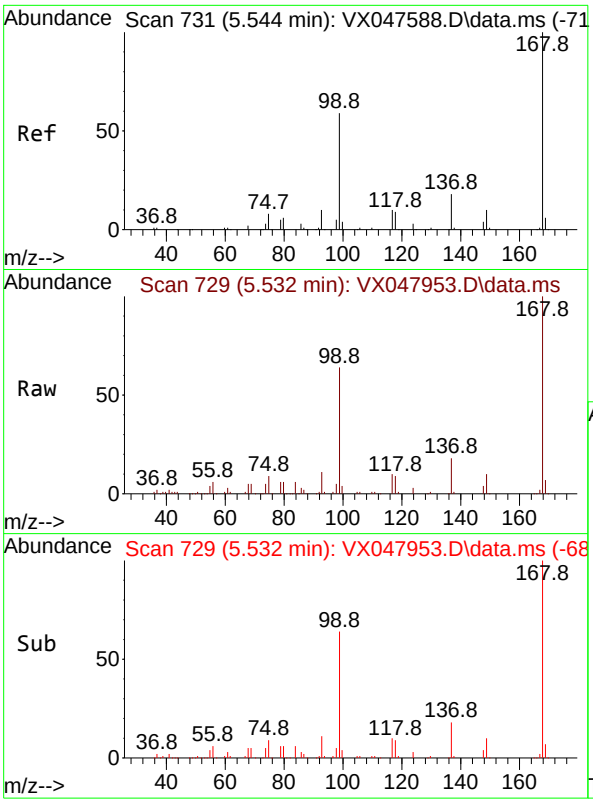
Quant Time: Oct 03 03:24:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

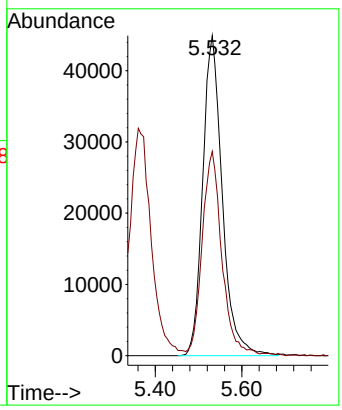




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:168 Resp: 14083

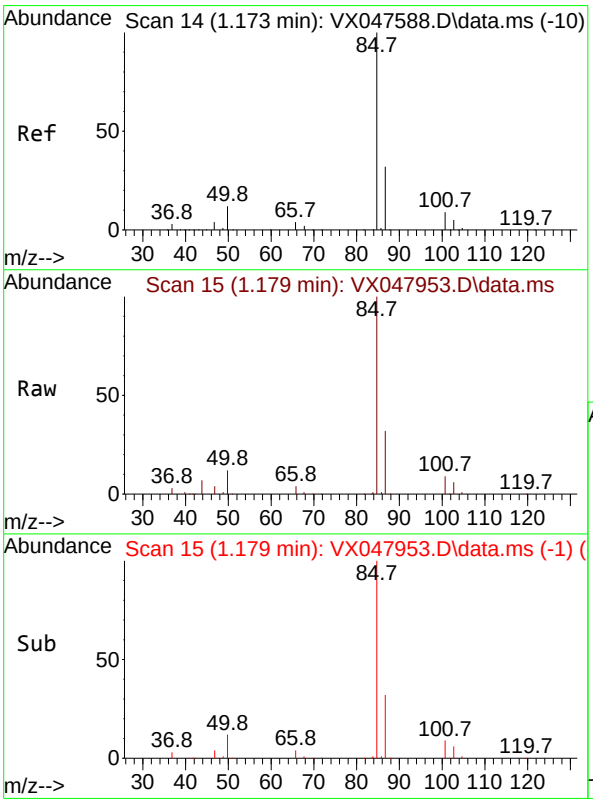
Ion	Ratio	Lower	Upper
168	100		
99	63.1	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

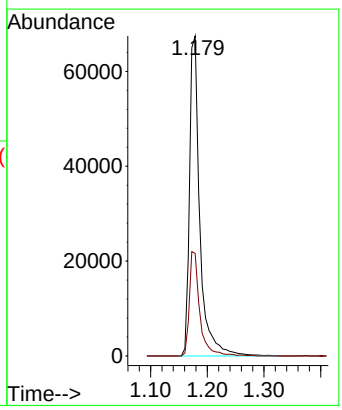
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

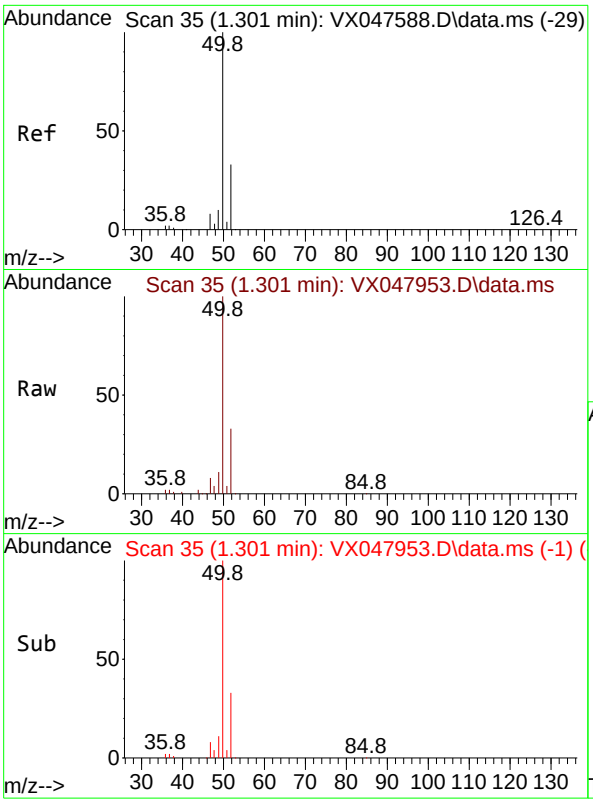


#2
Dichlorodifluoromethane
Concen: 58.653 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 85 Resp: 85539

Ion	Ratio	Lower	Upper
85	100		
87	32.0	15.8	47.3

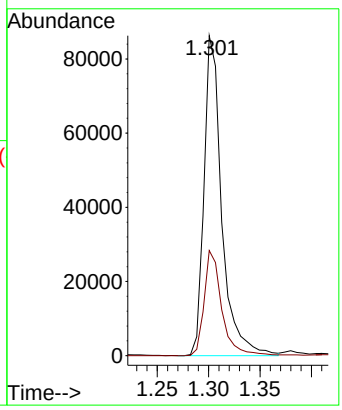




#3
Chloromethane
Concen: 54.222 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 50 Resp: 10392

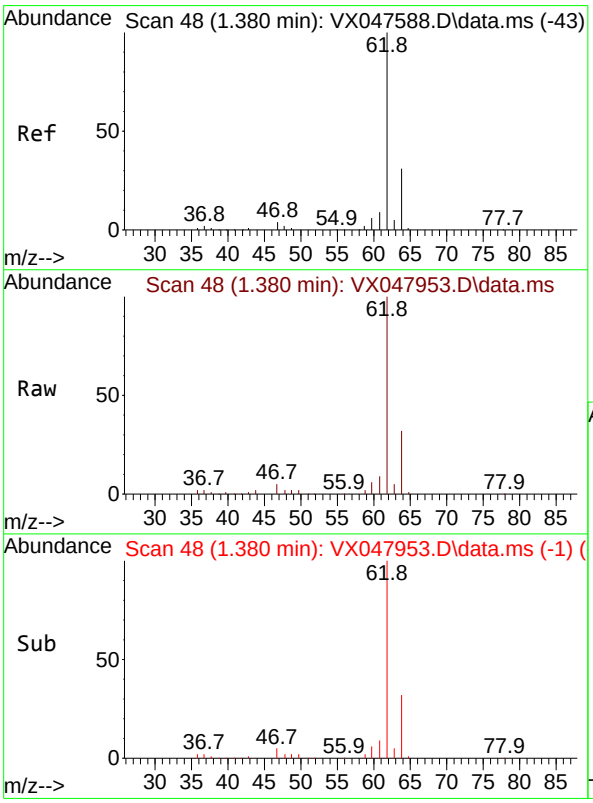
Ion	Ratio	Lower	Upper
50	100		
52	32.9	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

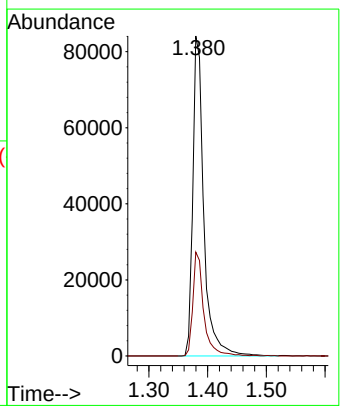
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

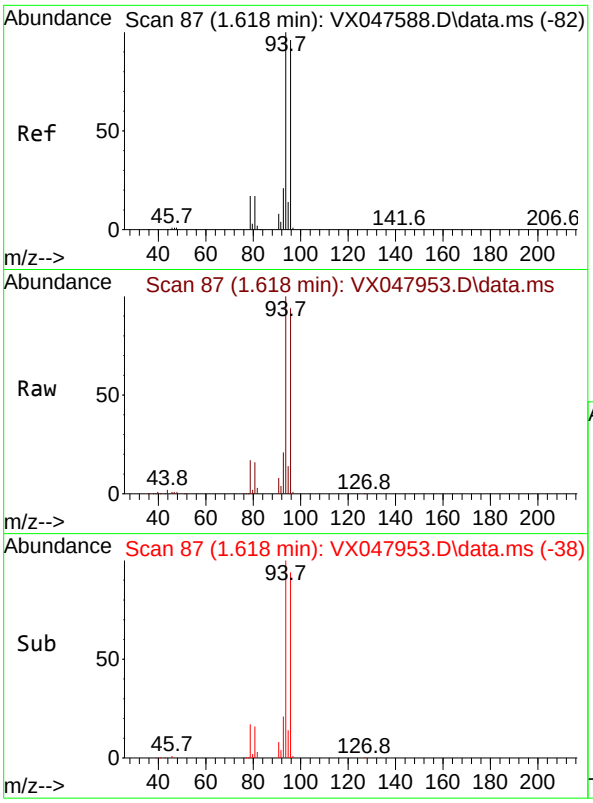


#4
Vinyl Chloride
Concen: 58.062 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 62 Resp: 108939

Ion	Ratio	Lower	Upper
62	100		
64	32.5	24.9	37.3

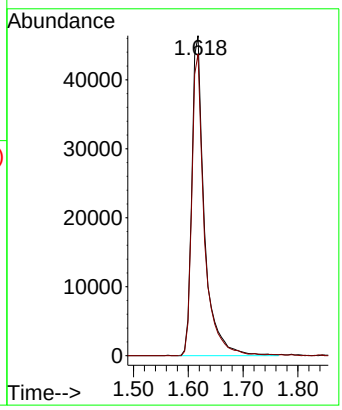




#5
Bromomethane
Concen: 62.632 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 94 Resp: 7451

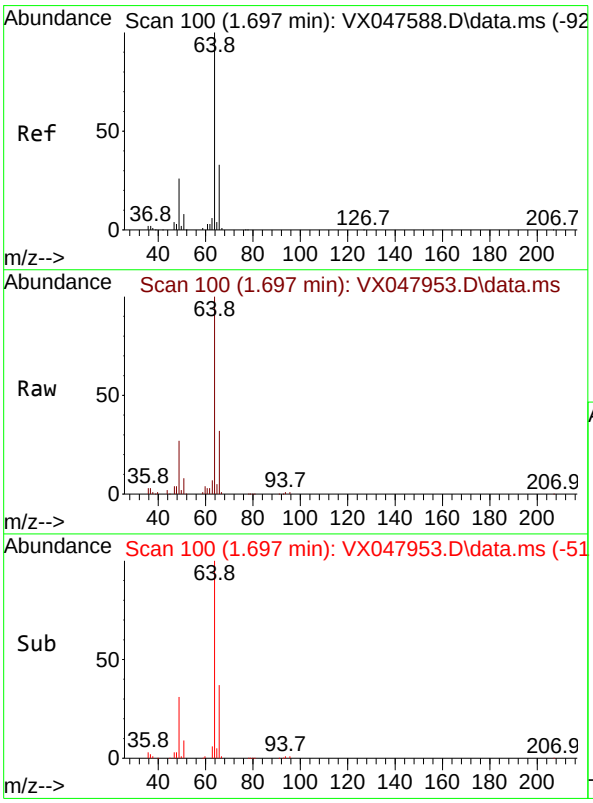
Ion	Ratio	Lower	Upper
94	100		
96	94.3	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

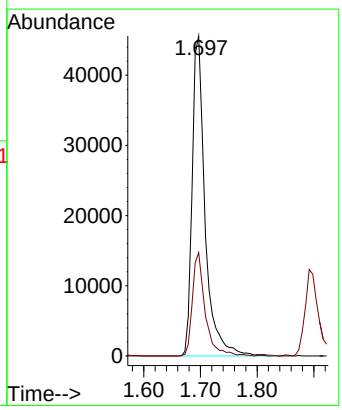
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

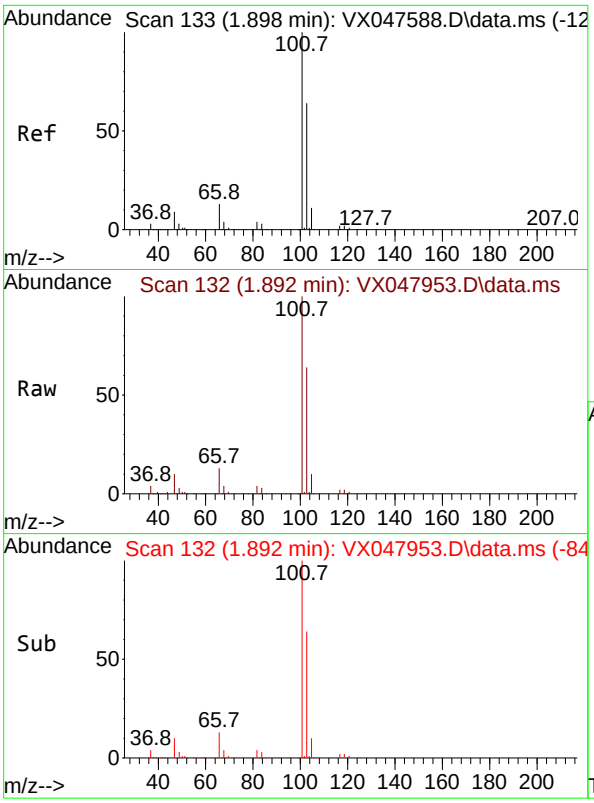


#6
Chloroethane
Concen: 57.559 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 64 Resp: 72180

Ion	Ratio	Lower	Upper
64	100		
66	32.3	26.1	39.1

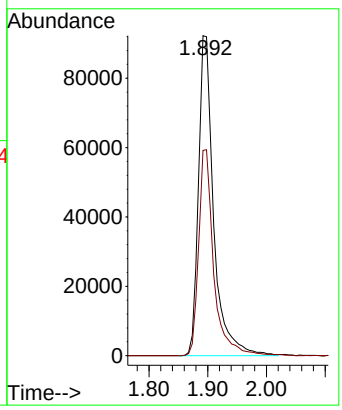




#7
Trichlorofluoromethane
Concen: 59.639 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:101 Resp: 16614

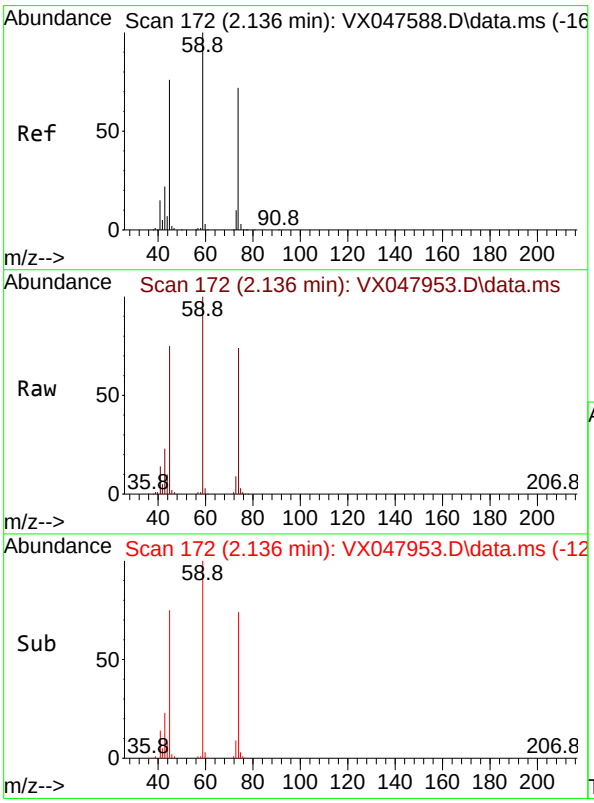
Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

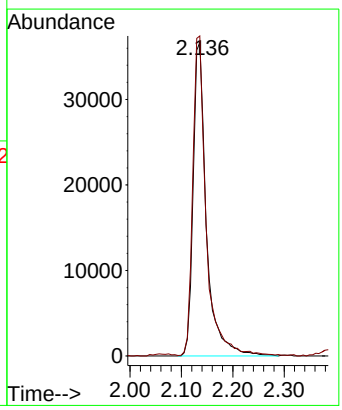
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

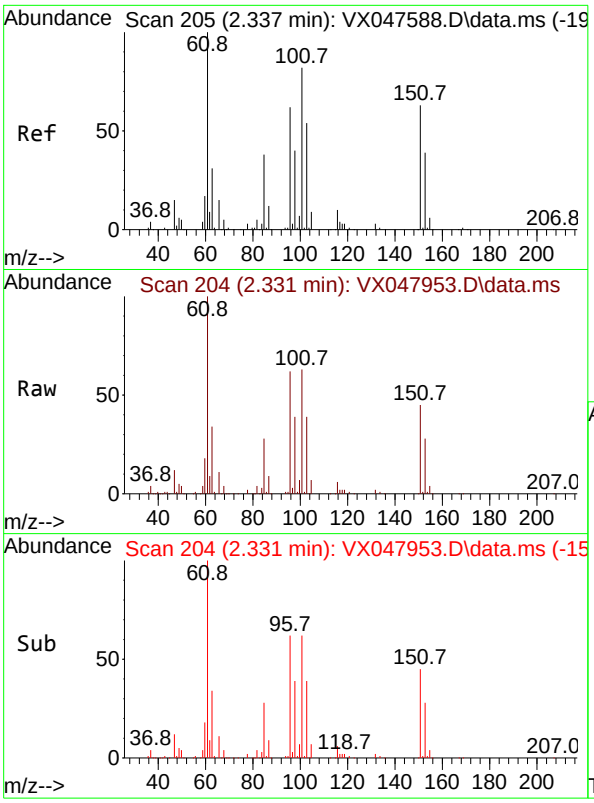


#8
Diethyl Ether
Concen: 57.841 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 74 Resp: 65916

Ion	Ratio	Lower	Upper
74	100		
45	102.7	52.3	156.8

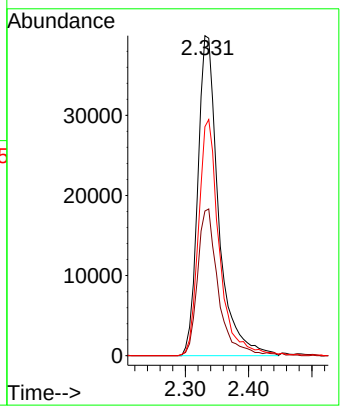




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.859 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

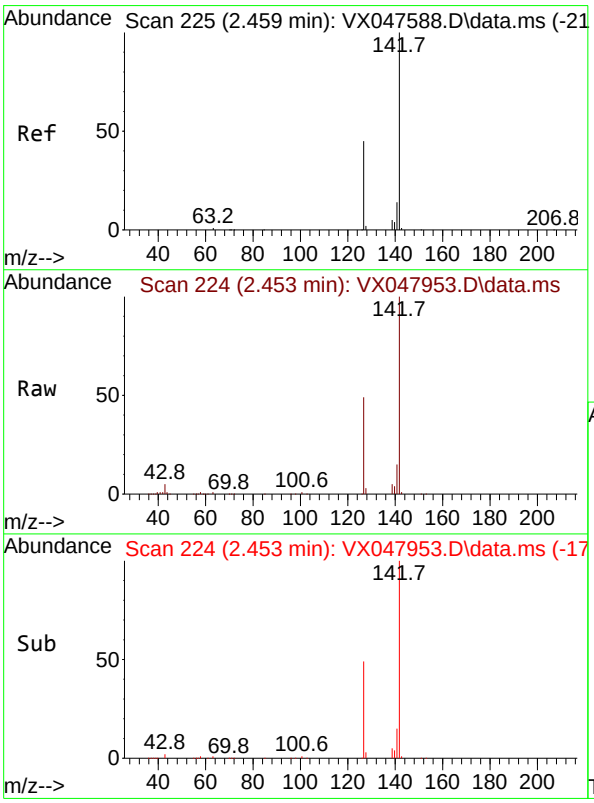
Tgt Ion:101 Resp: 9099

Ion	Ratio	Lower	Upper
101	100		
85	46.2	35.5	53.3
151	73.8	59.4	89.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

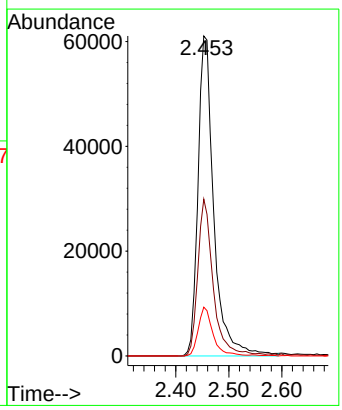
Manual Integrations
APPROVED
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

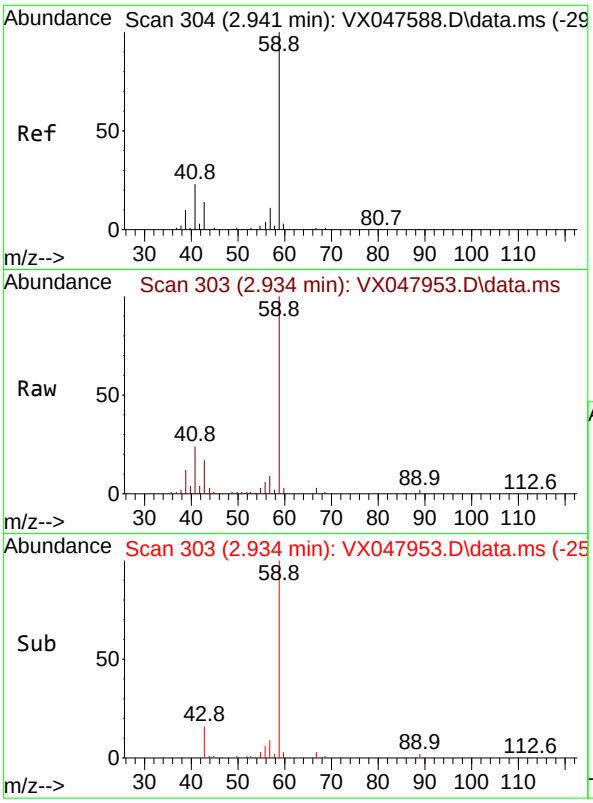


#10
Methyl Iodide
Concen: 49.948 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:142 Resp: 126895

Ion	Ratio	Lower	Upper
142	100		
127	47.7	37.2	55.8
141	14.2	11.4	17.0

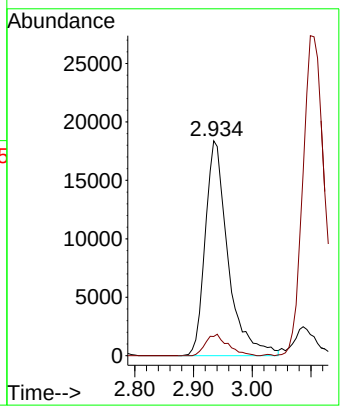




#11
Tert butyl alcohol
Concen: 198.659 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 59 Resp: 4960

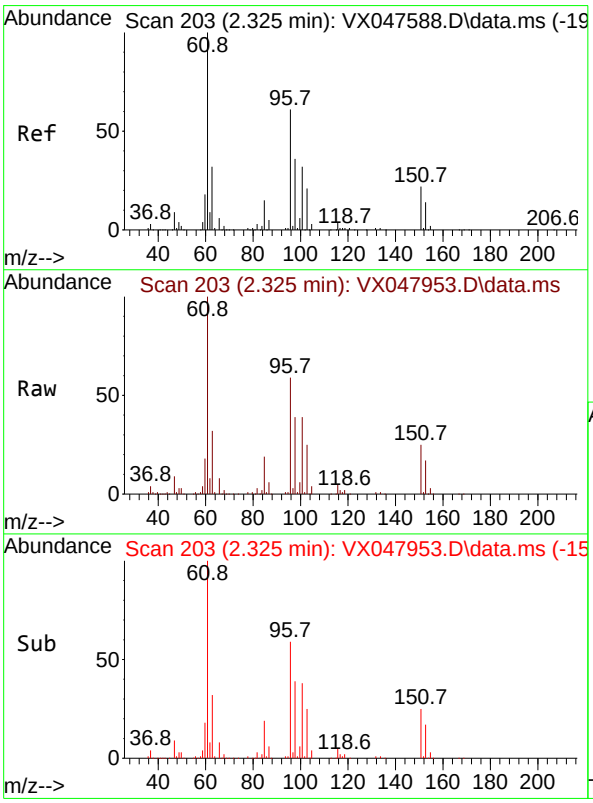
Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

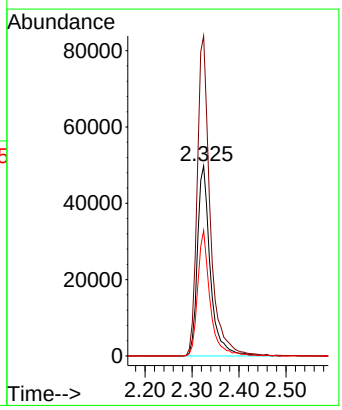
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

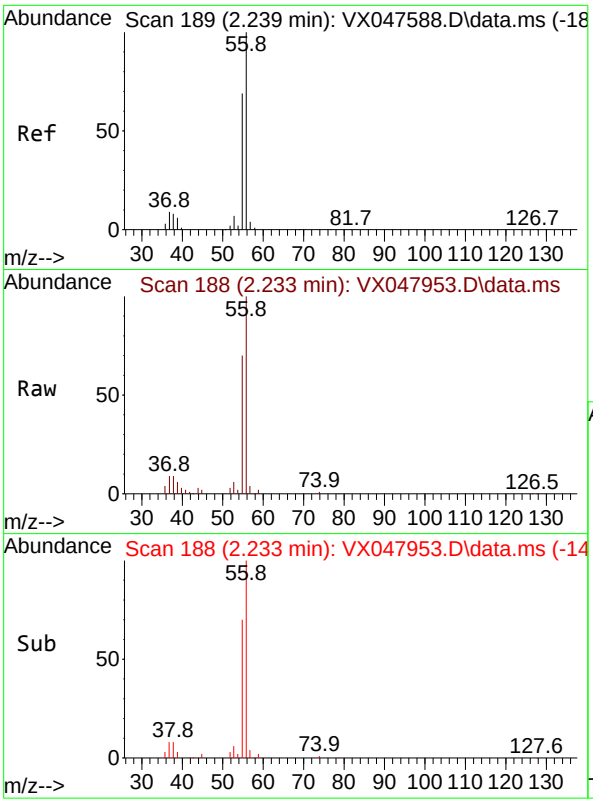


#12
1,1-Dichloroethene
Concen: 56.796 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 96 Resp: 95037

Ion	Ratio	Lower	Upper
96	100		
61	168.3	131.0	196.6
98	65.9	47.7	71.5

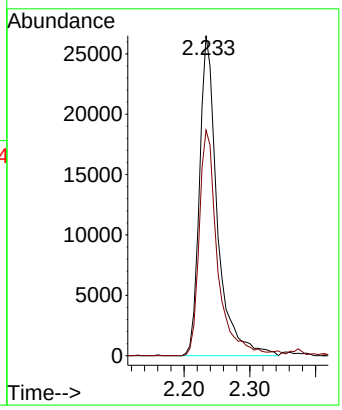




#13
Acrolein
Concen: 217.044 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 56 Resp: 4993

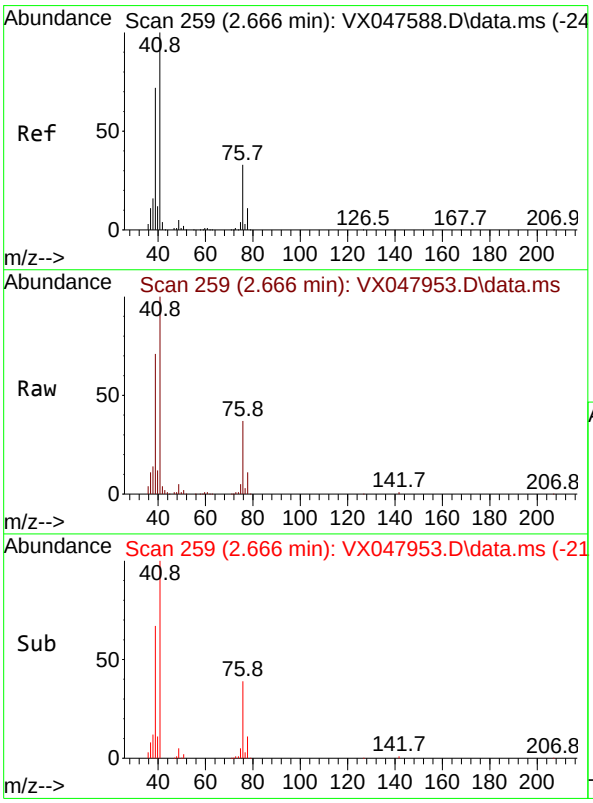
Ion	Ratio	Lower	Upper
56	100		
55	71.9	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

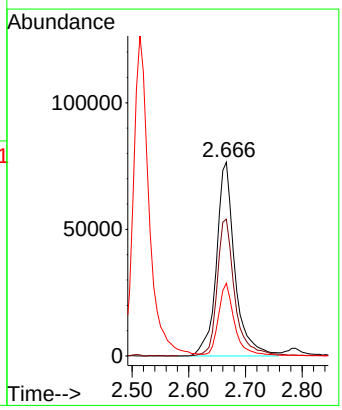
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

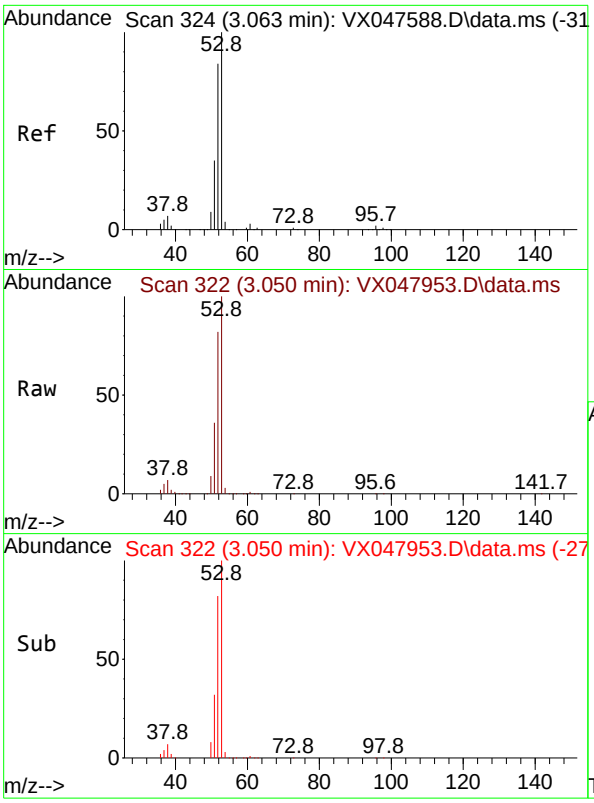


#14
Allyl chloride
Concen: 50.112 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 41 Resp: 173030

Ion	Ratio	Lower	Upper
41	100		
39	68.2	54.7	82.1
76	32.2	25.7	38.5

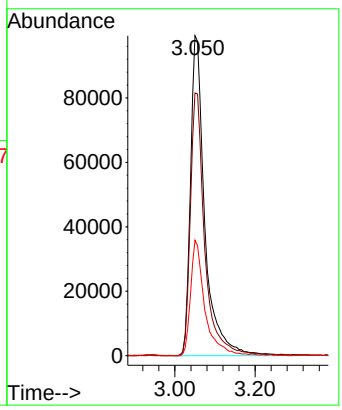




#15
Acrylonitrile
Concen: 266.451 ug/l
RT: 3.050 min Scan# 3
Delta R.T. -0.012 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 53 Resp: 24641

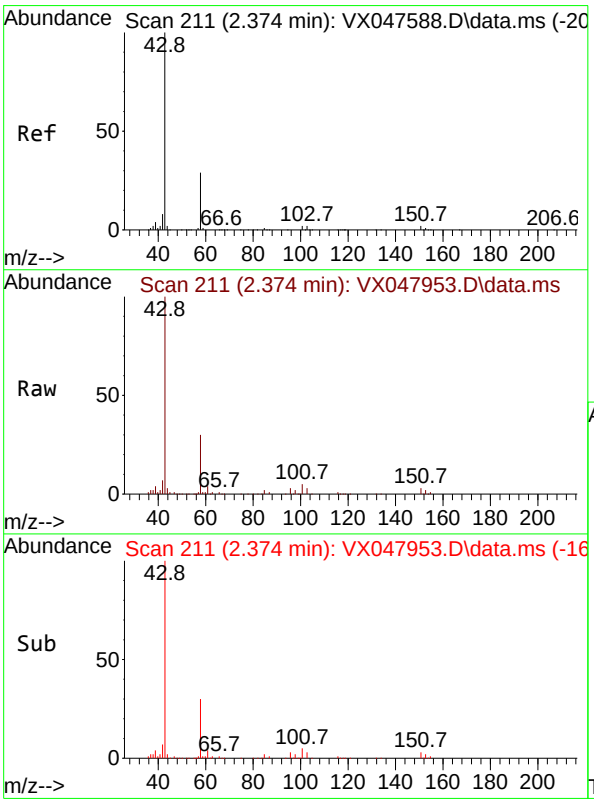
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.4	99.6
51	36.2	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

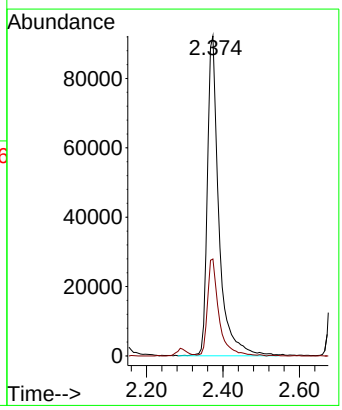
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

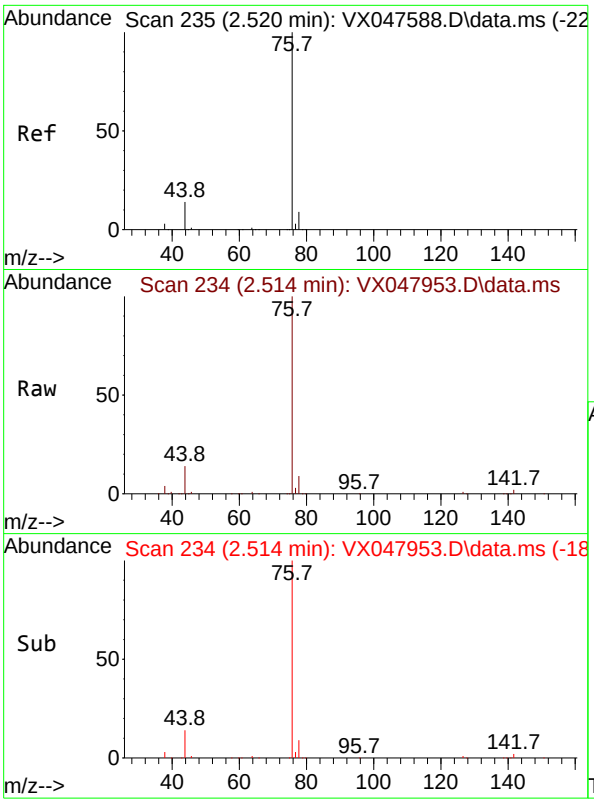


#16
Acetone
Concen: 198.289 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 43 Resp: 193278

Ion	Ratio	Lower	Upper
43	100		
58	31.6	23.4	35.0





#17
Carbon Disulfide
Concen: 52.470 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

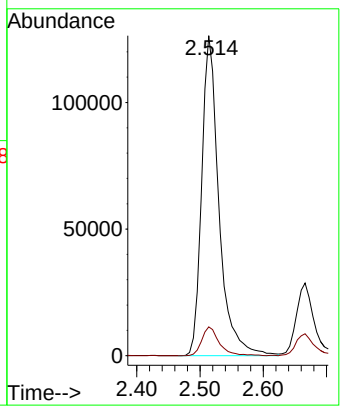
Tgt Ion: 76 Resp: 24035

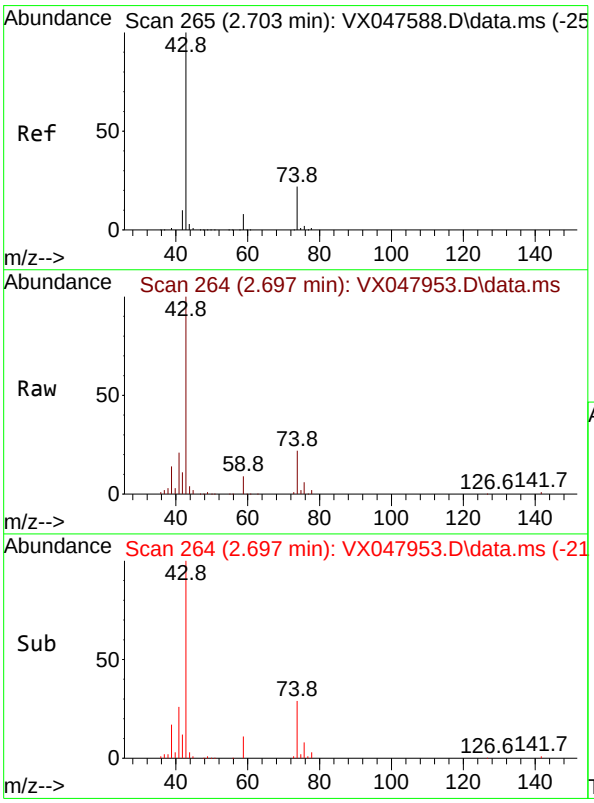
Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.8	10.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

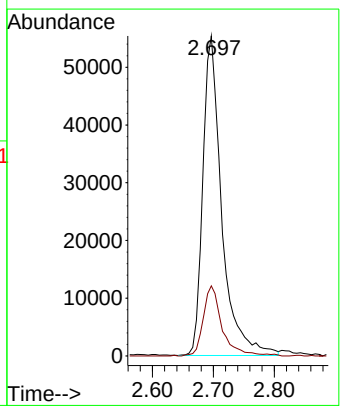


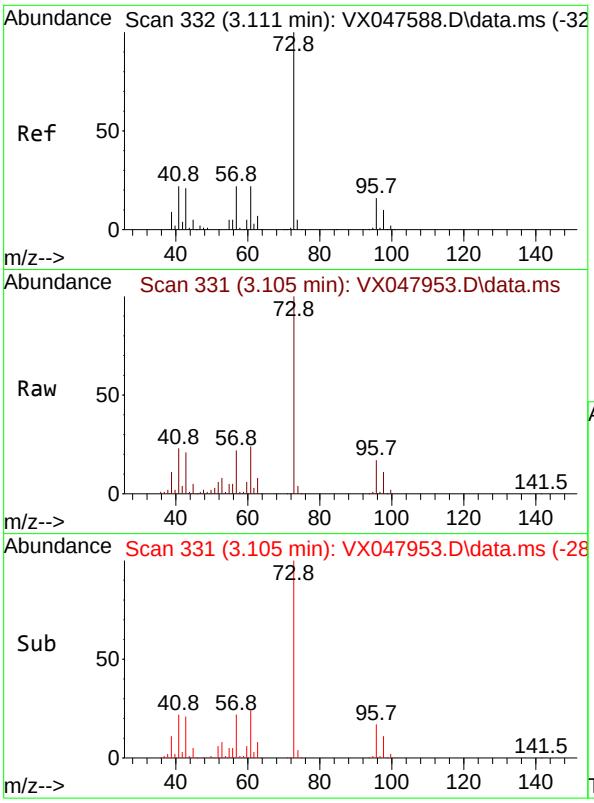


#18
Methyl Acetate
Concen: 55.035 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 43 Resp: 119385

Ion	Ratio	Lower	Upper
43	100		
74	21.5	17.4	26.2

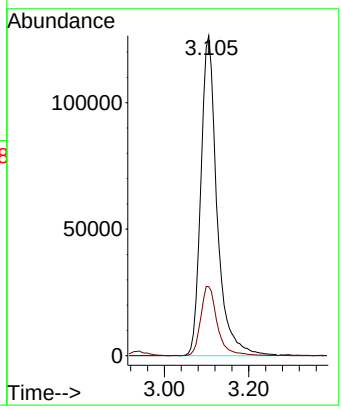




#19
Methyl tert-butyl Ether
Concen: 55.352 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 73 Resp: 33810

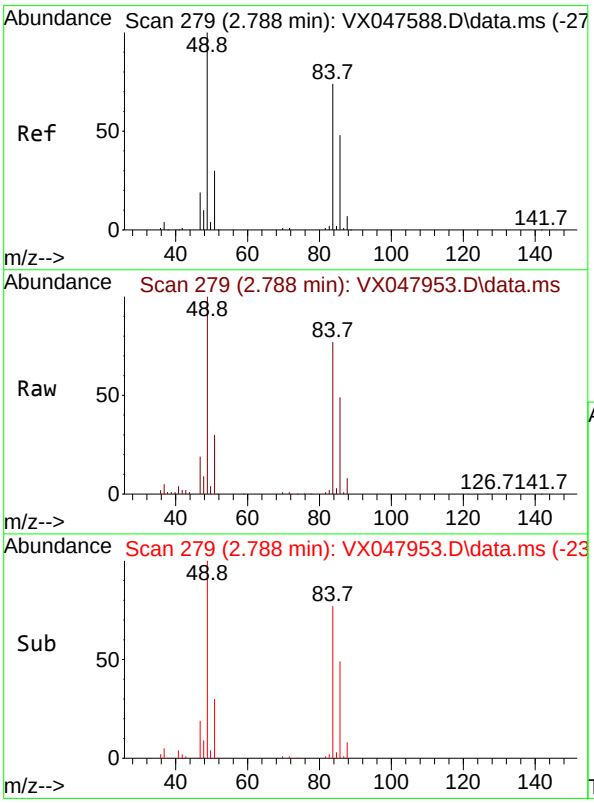
Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

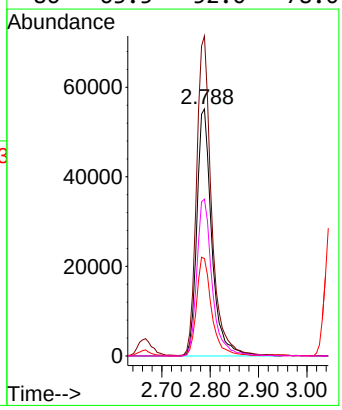
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

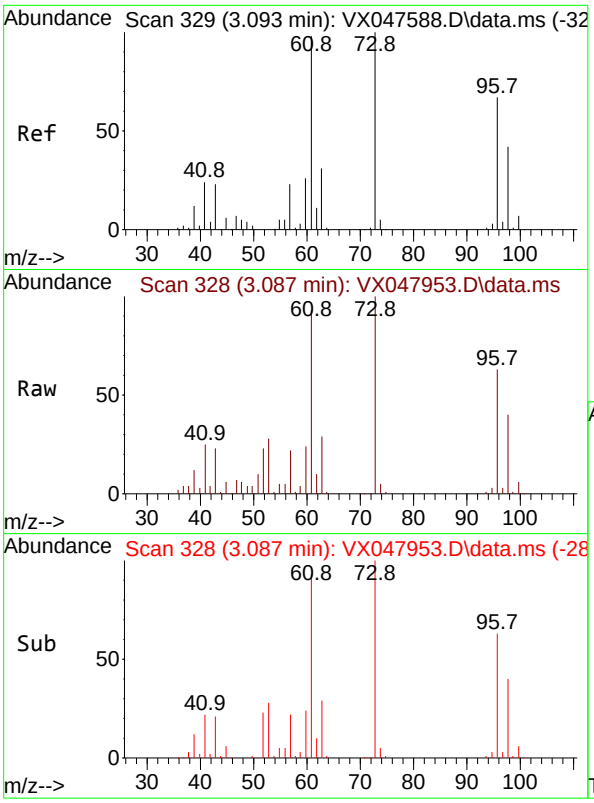


#20
Methylene Chloride
Concen: 57.289 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 84 Resp: 118201

Ion	Ratio	Lower	Upper
84	100		
49	129.3	108.6	162.8
51	39.4	32.6	48.8
86	63.5	52.0	78.0

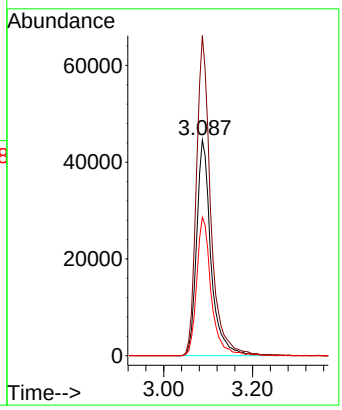




#21
trans-1,2-Dichloroethene
Concen: 55.614 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 96 Resp: 10018

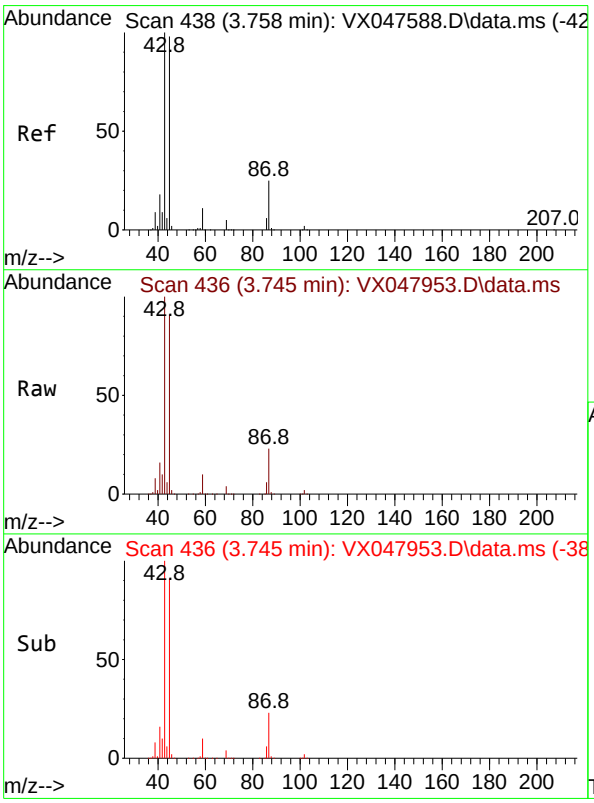
Ion	Ratio	Lower	Upper
96	100		
61	148.3	116.2	174.2
98	65.8	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

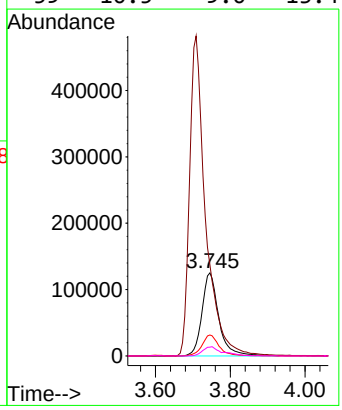
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

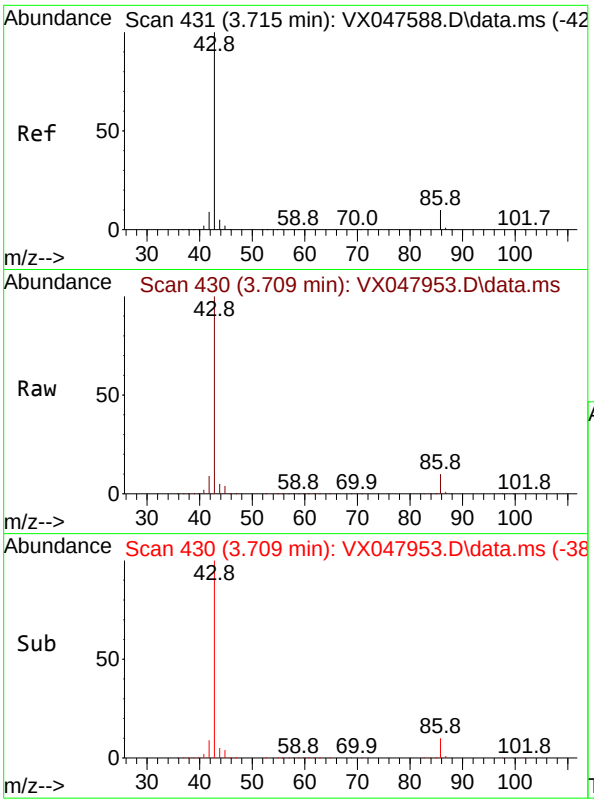


#22
Diisopropyl ether
Concen: 58.236 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 45 Resp: 389705

Ion	Ratio	Lower	Upper
45	100		
43	109.4	81.0	121.4
87	25.3	20.3	30.5
59	10.5	9.0	13.4

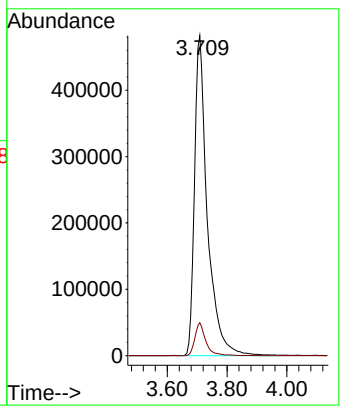




#23
Vinyl Acetate
Concen: 269.534 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 43 Resp: 144355

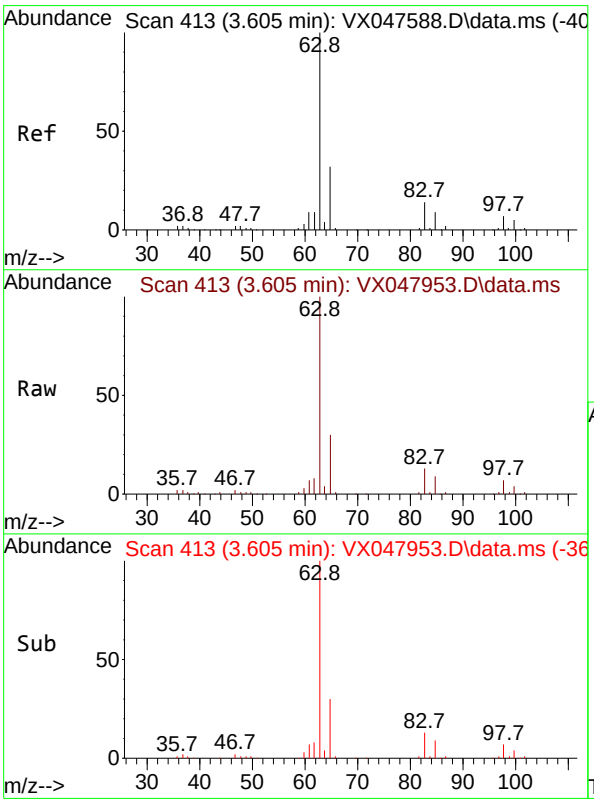
Ion	Ratio	Lower	Upper
43	100		
86	10.3	7.8	11.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

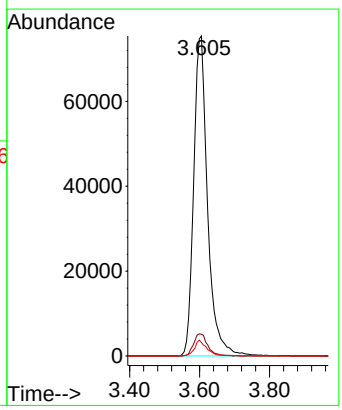
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

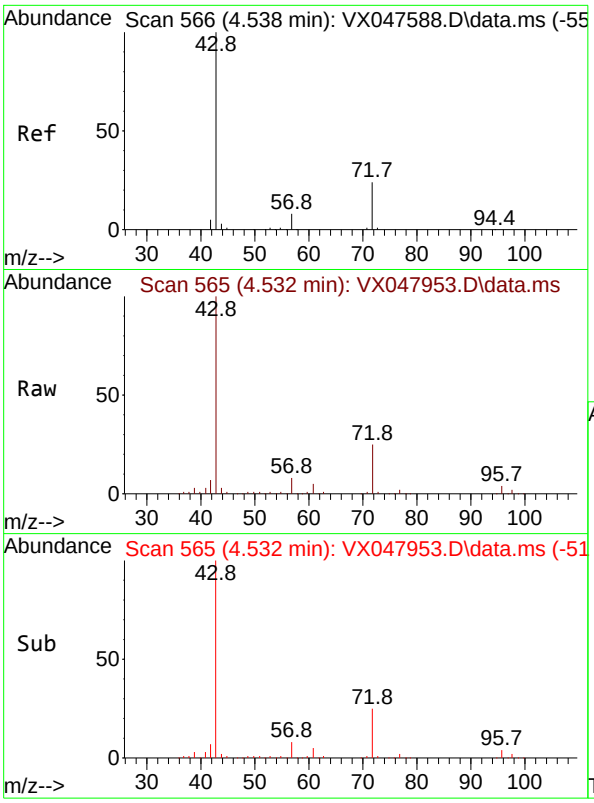


#24
1,1-Dichloroethane
Concen: 58.478 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 63 Resp: 207991

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.8	11.2
100	4.2	2.3	6.9

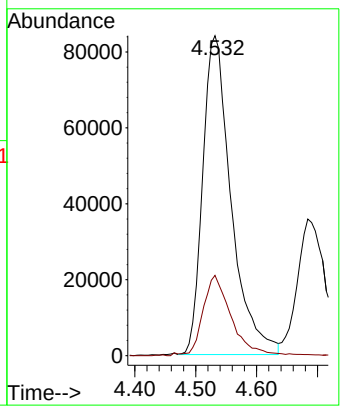




#25
2-Butanone
Concen: 224.064 ug/l
RT: 4.532 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 43 Resp: 27242

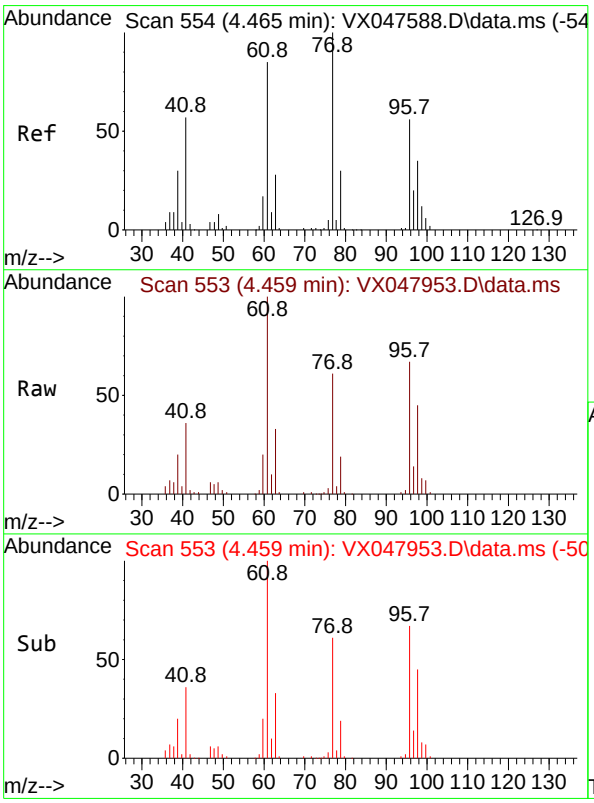
Ion	Ratio	Lower	Upper
43	100		
72	24.6	20.1	30.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

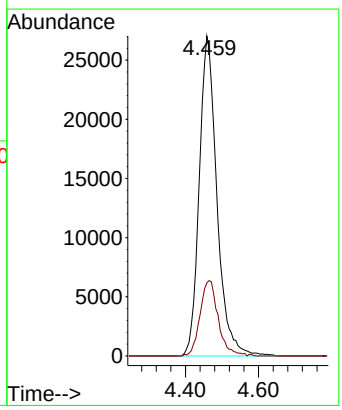
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

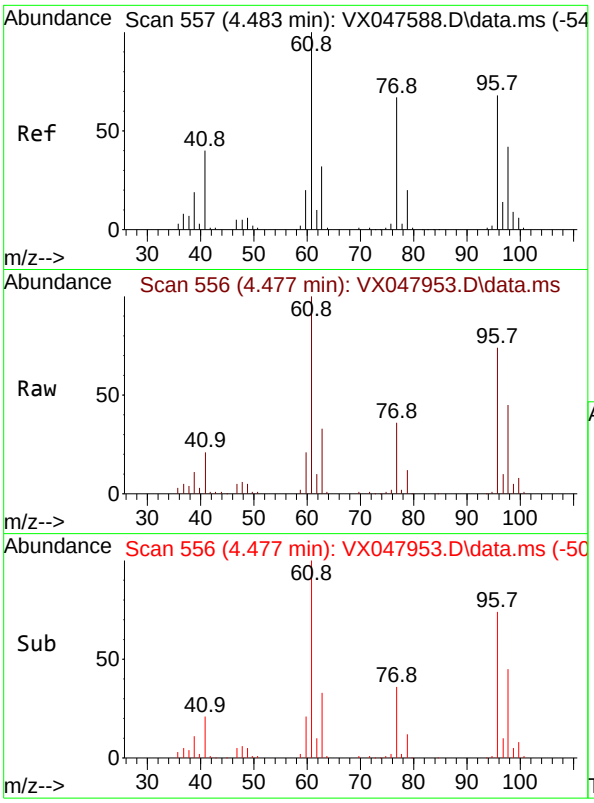


#26
2,2-Dichloropropane
Concen: 30.778 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 77 Resp: 90997

Ion	Ratio	Lower	Upper
77	100		
97	24.1	10.9	32.7

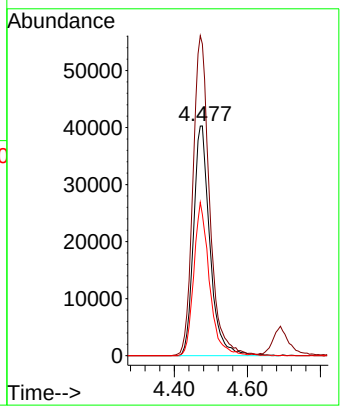




#27
cis-1,2-Dichloroethene
Concen: 56.636 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 96 Resp: 12495

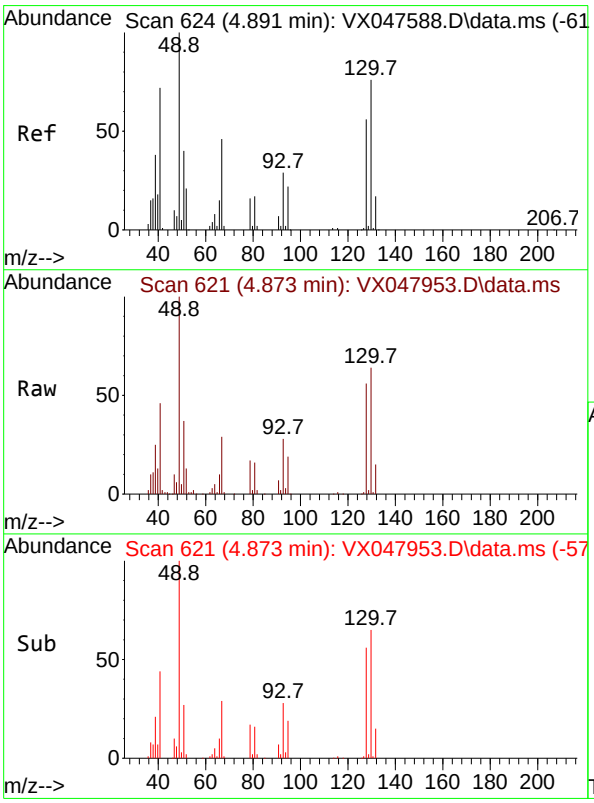
Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	303.2
98	64.0	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

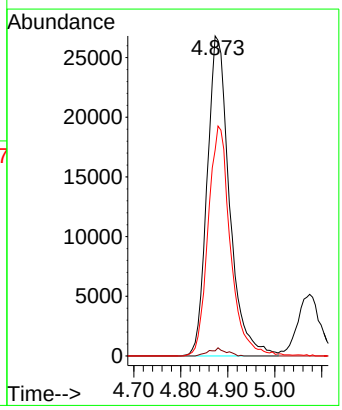
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

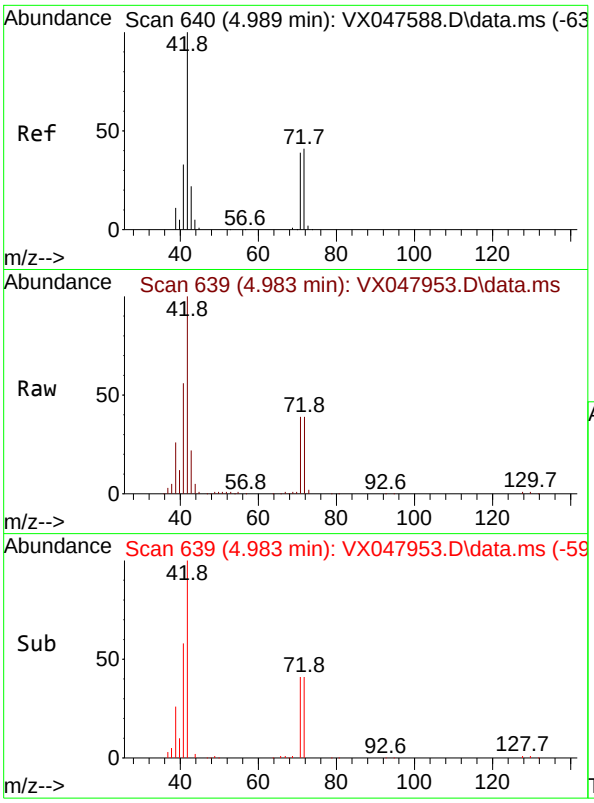


#28
Bromochloromethane
Concen: 56.862 ug/l
RT: 4.873 min Scan# 621
Delta R.T. -0.018 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 49 Resp: 88293

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.2
130	71.8	57.8	86.8

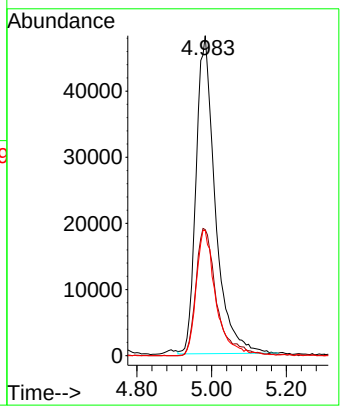




#29
Tetrahydrofuran
Concen: 233.893 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 42 Resp: 17107

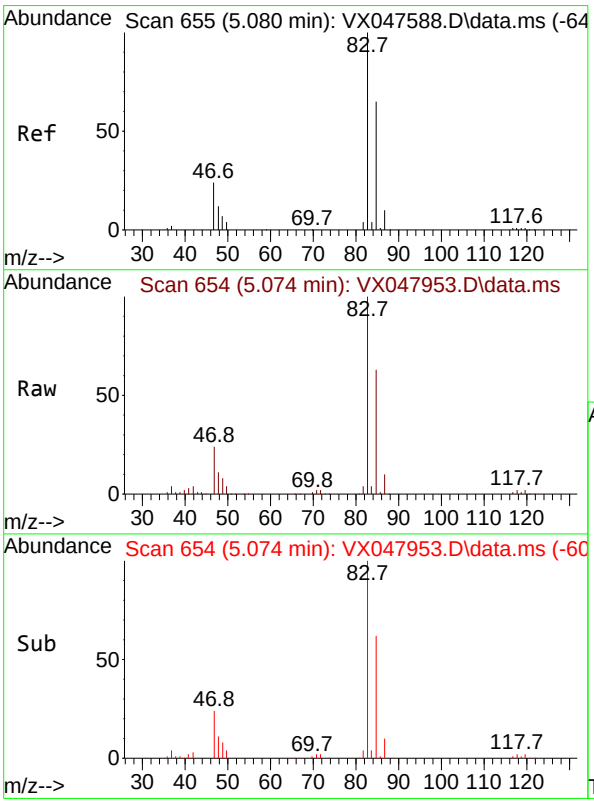
Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.2	51.2
71	40.0	31.9	47.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

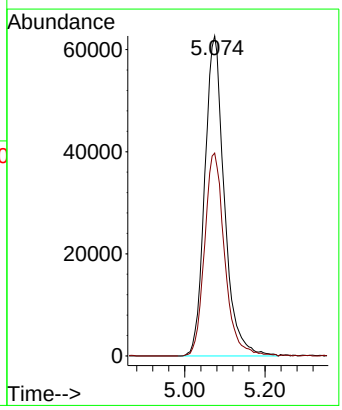
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

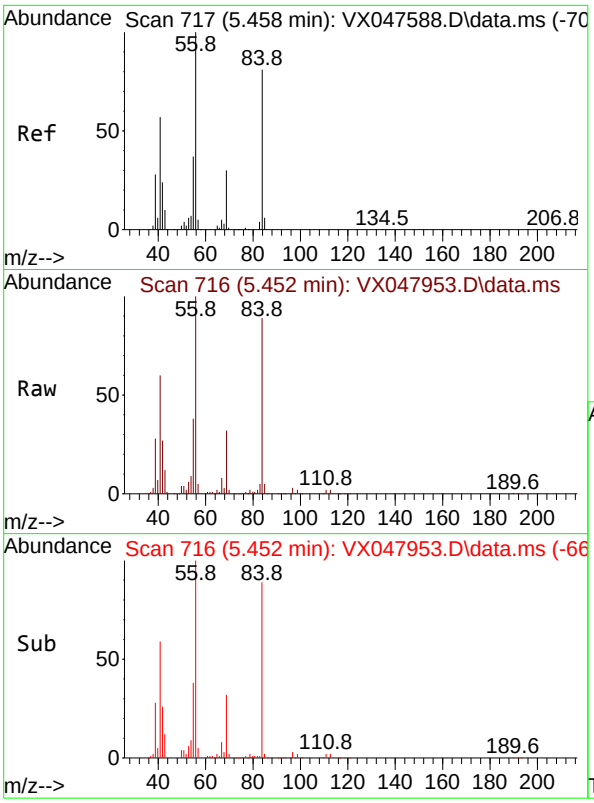


#30
Chloroform
Concen: 58.969 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 83 Resp: 211945

Ion	Ratio	Lower	Upper
83	100		
85	61.2	51.8	77.6

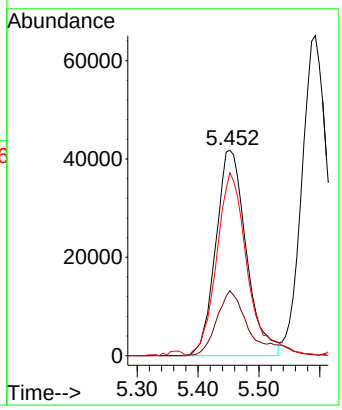




#31
Cyclohexane
Concen: 49.071 ug/l
RT: 5.452 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 56 Resp: 14536

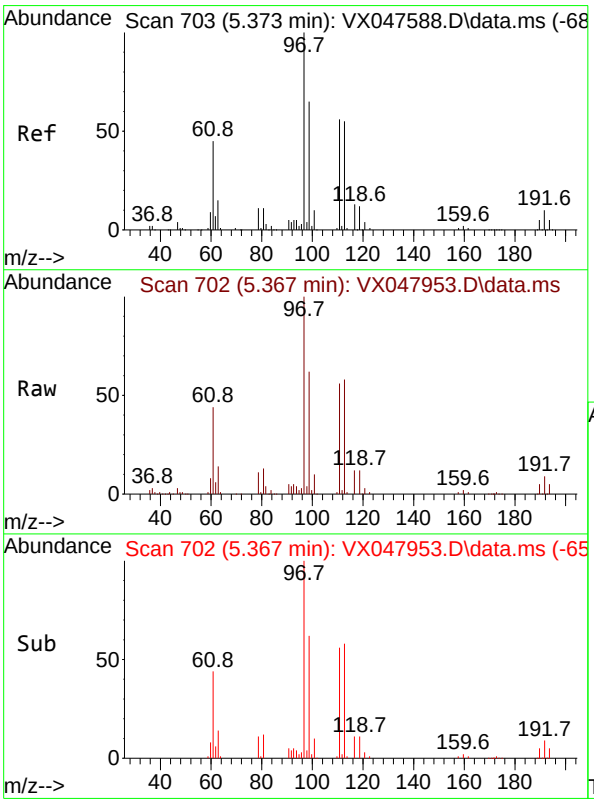
Ion	Ratio	Lower	Upper
56	100		
69	31.7	23.8	35.8
84	86.7	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

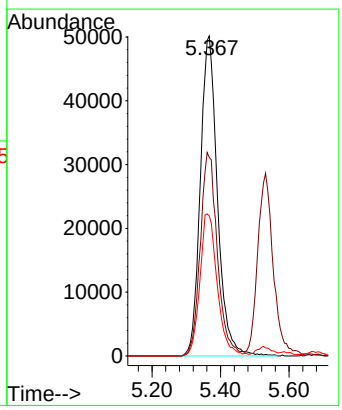
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

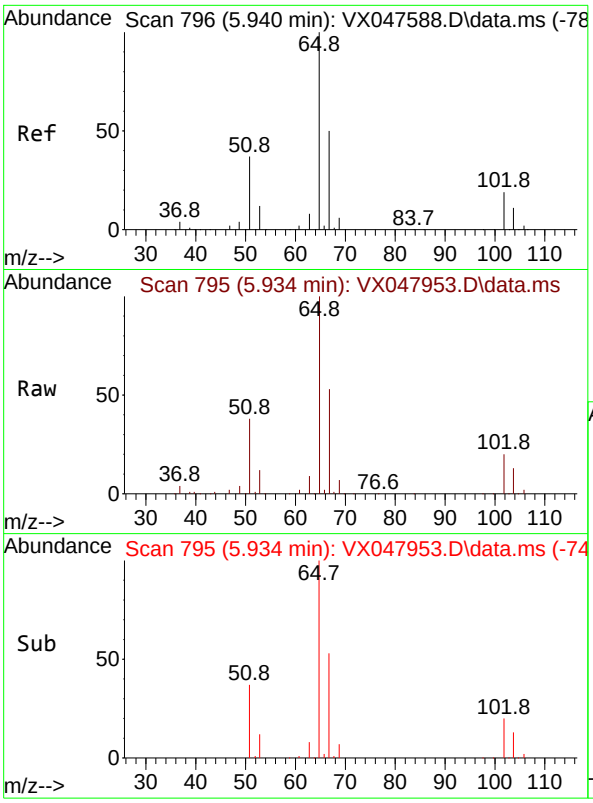


#32
1,1,1-Trichloroethane
Concen: 57.151 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 97 Resp: 174234

Ion	Ratio	Lower	Upper
97	100		
99	63.8	50.6	76.0
61	45.1	35.8	53.8

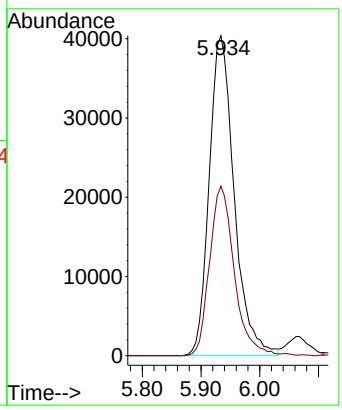




#33
1,2-Dichloroethane-d4
Concen: 53.236 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 65 Resp: 11934

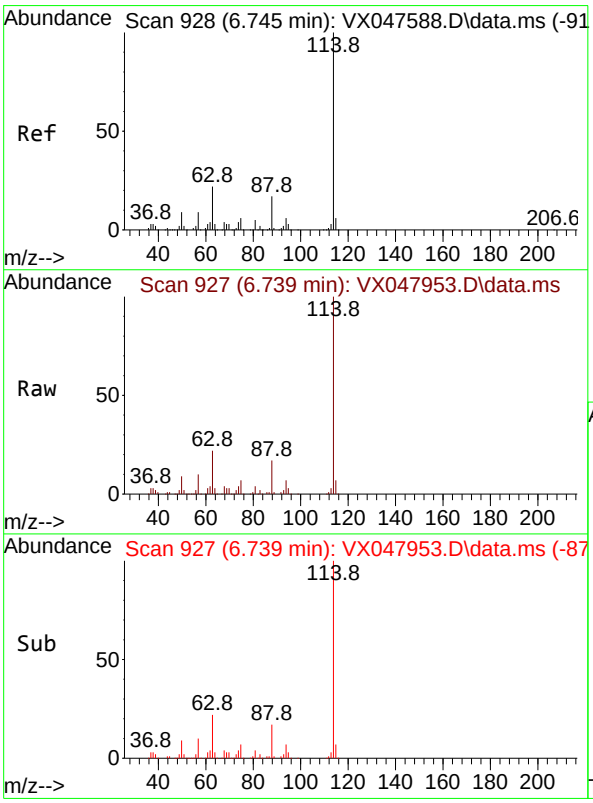
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

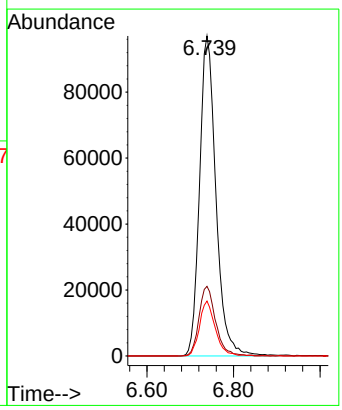
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

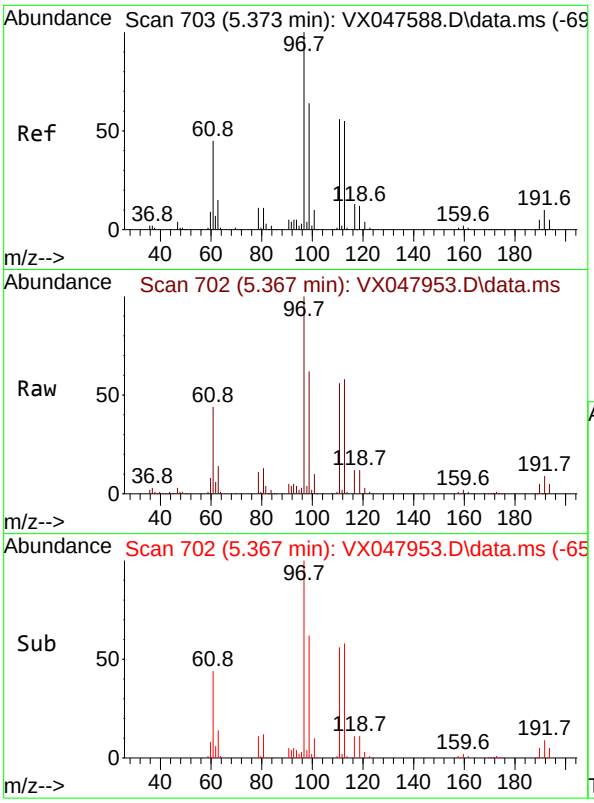


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:114 Resp: 255190

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	44.0
88	17.2	0.0	34.2

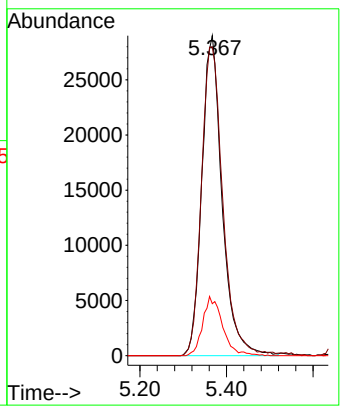




#35
Dibromofluoromethane
Concen: 55.086 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:113 Resp: 9427

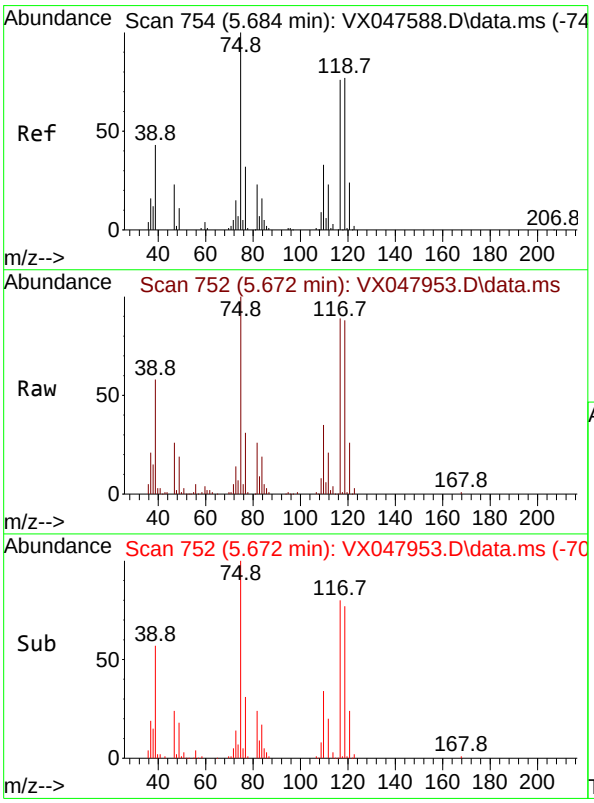
Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.9	121.3
192	18.1	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

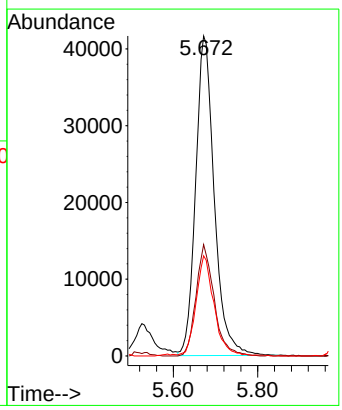
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

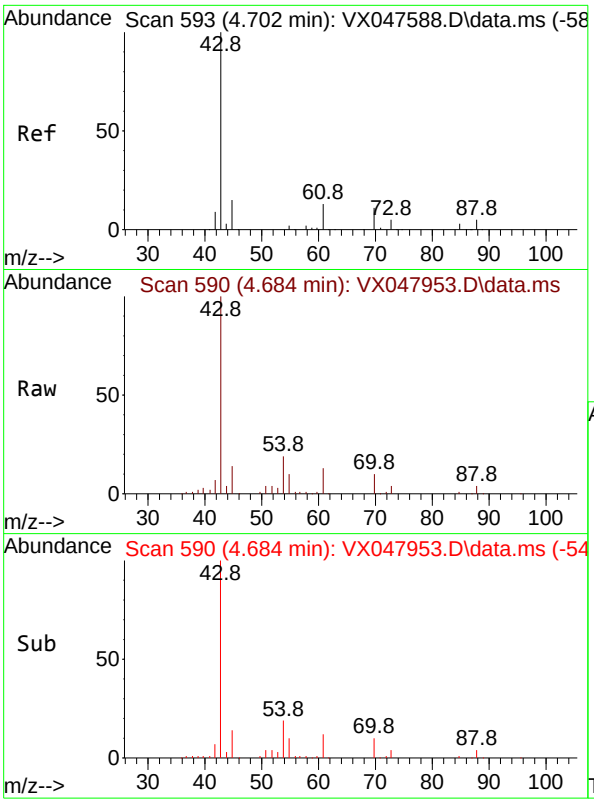


#36
1,1-Dichloropropene
Concen: 51.239 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 75 Resp: 128140

Ion	Ratio	Lower	Upper
75	100		
110	33.9	16.7	50.1
77	29.9	24.3	36.5





#37
Ethyl Acetate
Concen: 46.832 ug/l
RT: 4.684 min Scan# 5
Delta R.T. -0.018 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

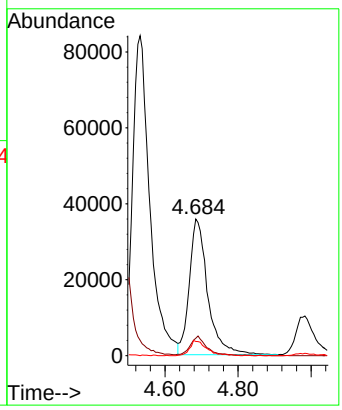
Tgt Ion: 43 Resp: 12540

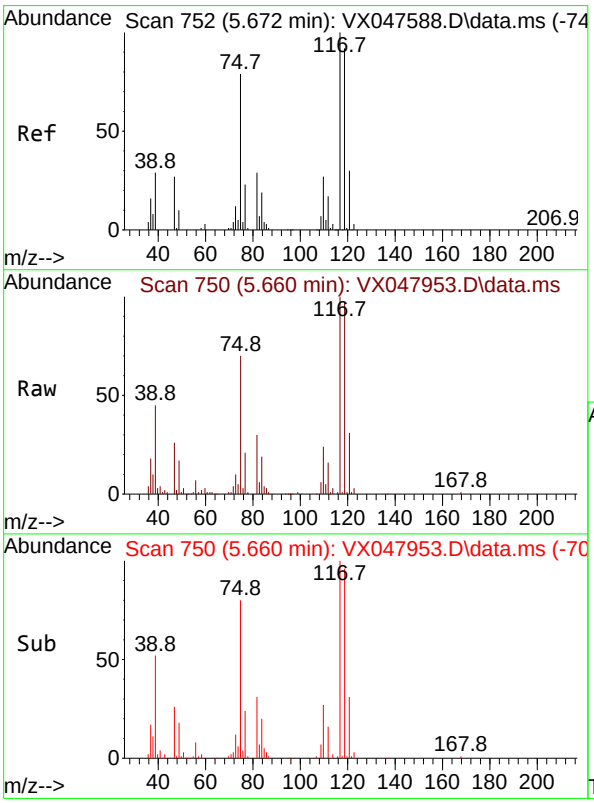
Ion	Ratio	Lower	Upper
43	100		
61	12.0	9.8	14.8
70	10.2	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

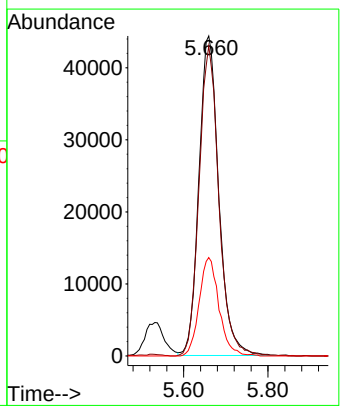


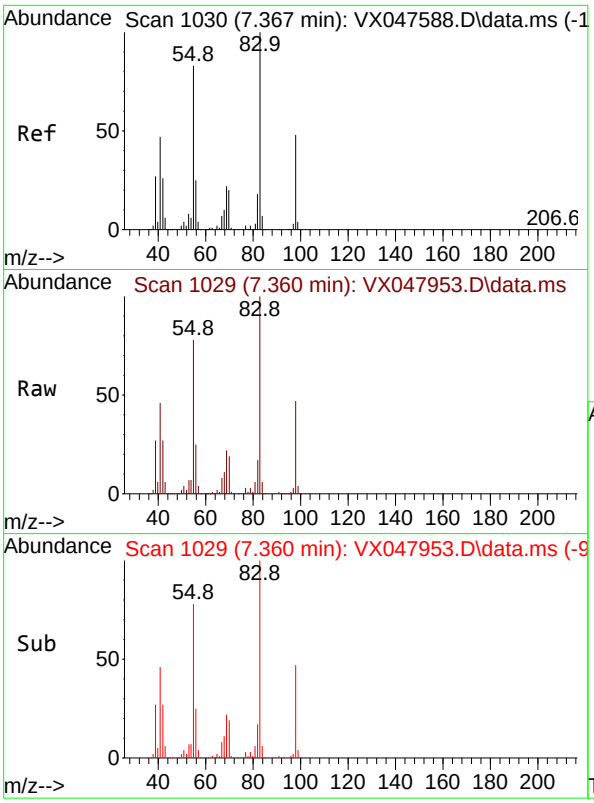


#38
Carbon Tetrachloride
Concen: 53.661 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:117 Resp: 145807

Ion	Ratio	Lower	Upper
117	100		
119	96.8	73.4	110.2
121	30.8	23.8	35.6

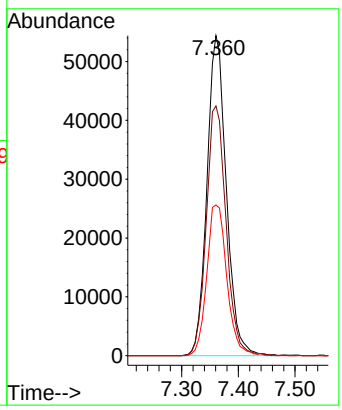




#39
Methylcyclohexane
Concen: 45.491 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 83 Resp: 12913

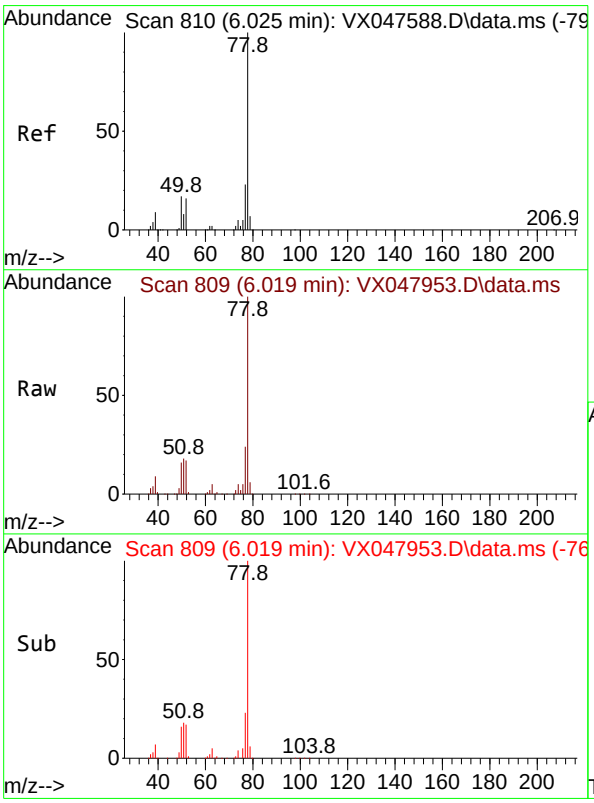
Ion	Ratio	Lower	Upper
83	100		
55	78.1	66.4	99.6
98	47.1	38.1	57.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

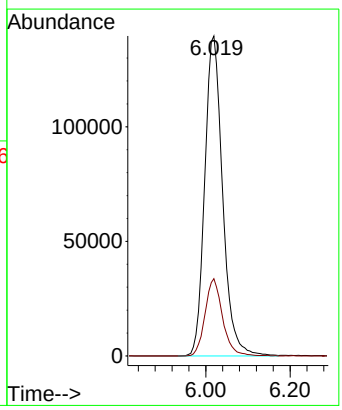
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

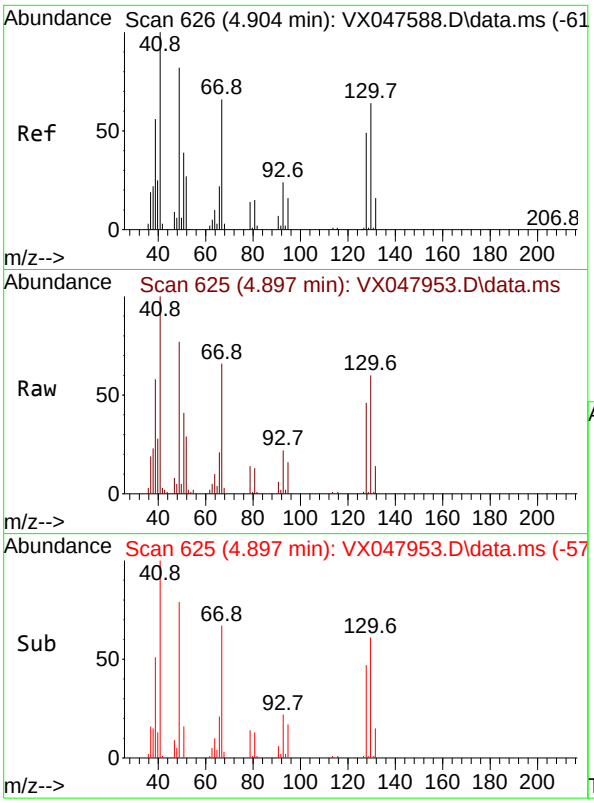


#40
Benzene
Concen: 54.319 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 78 Resp: 412588

Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.8	28.2

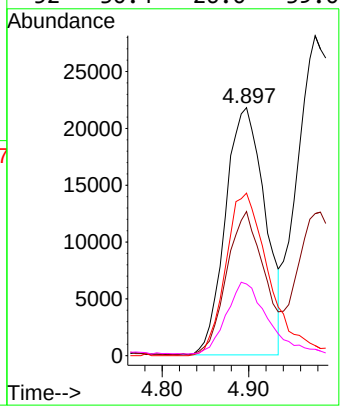




#41
Methacrylonitrile
Concen: 49.975 ug/l
RT: 4.897 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 41 Resp: 6908

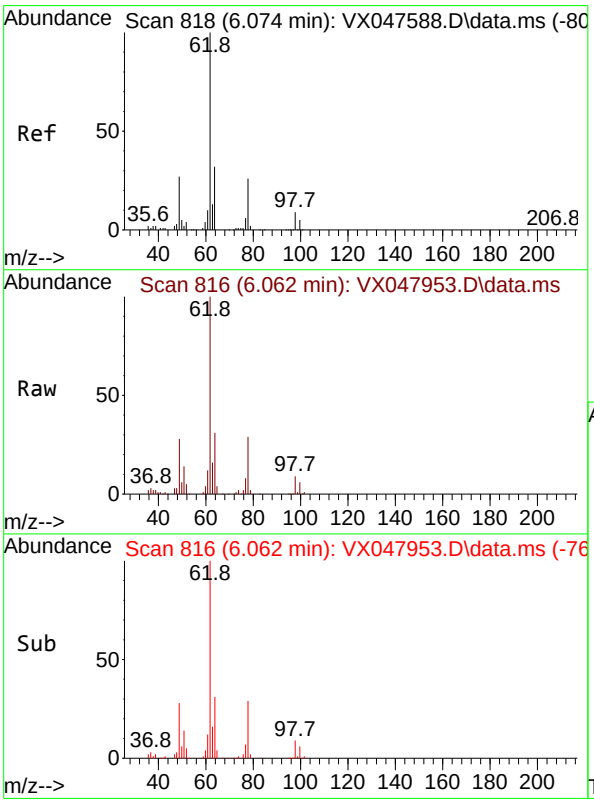
Ion	Ratio	Lower	Upper
41	100		
39	54.7	43.3	64.9
67	73.6	58.6	87.8
52	30.4	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

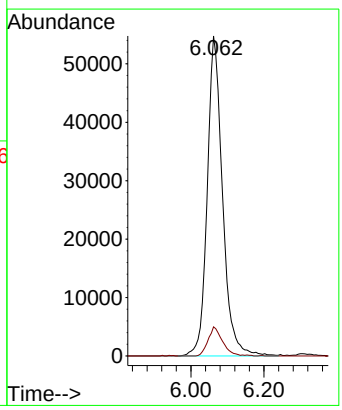
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

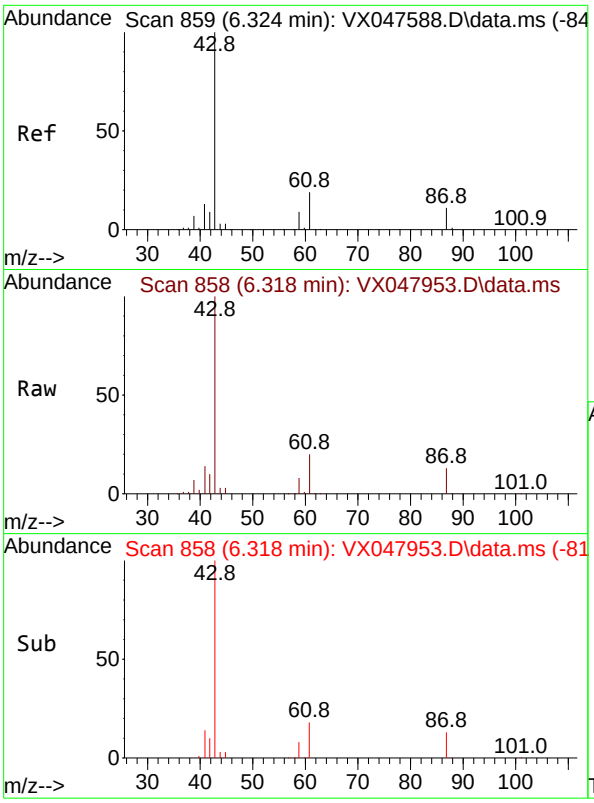


#42
1,2-Dichloroethane
Concen: 54.885 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.012 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 62 Resp: 158621

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.0





#43
Isopropyl Acetate
Concen: 47.901 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

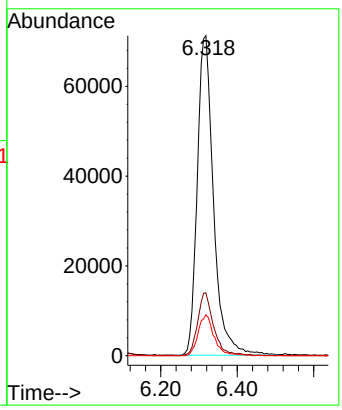
Tgt Ion: 43 Resp: 21035

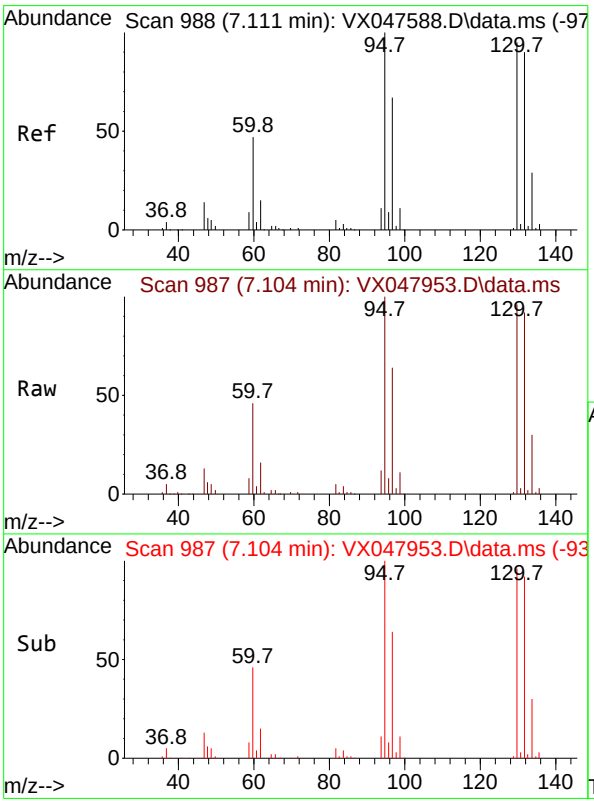
Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.2	22.8
87	12.5	9.6	14.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

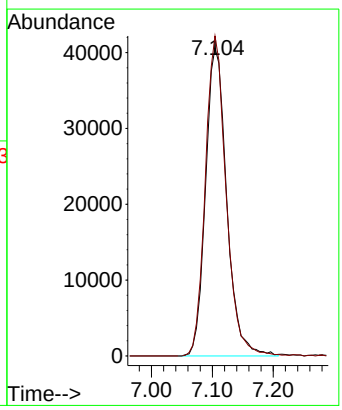


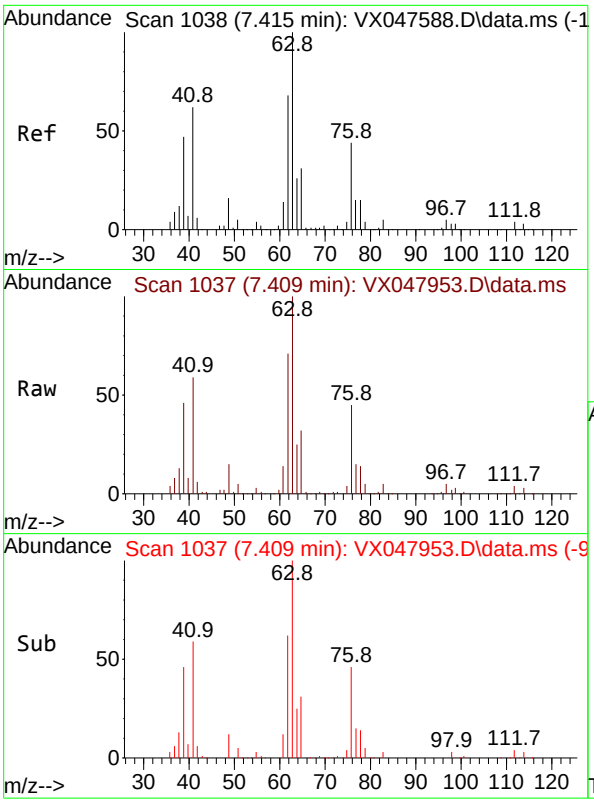


#44
Trichloroethene
Concen: 53.448 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:130 Resp: 98149

Ion	Ratio	Lower	Upper
130	100		
95	103.9	0.0	210.8

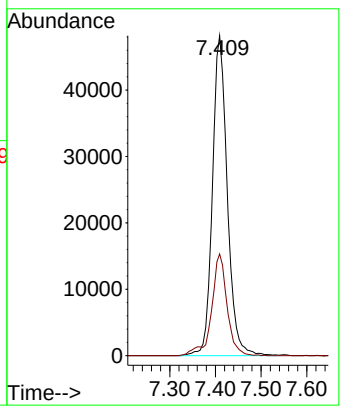




#45
1,2-Dichloropropane
Concen: 56.048 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 63 Resp: 10901

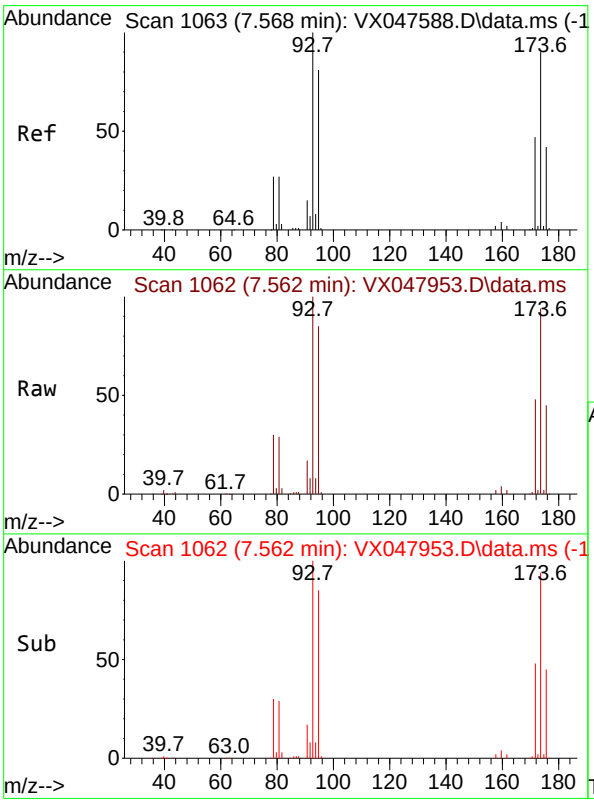
Ion	Ratio	Lower	Upper
63	100		
65	31.8	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

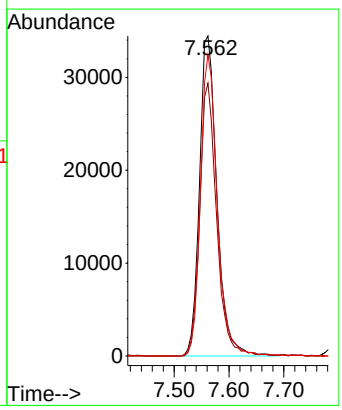
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

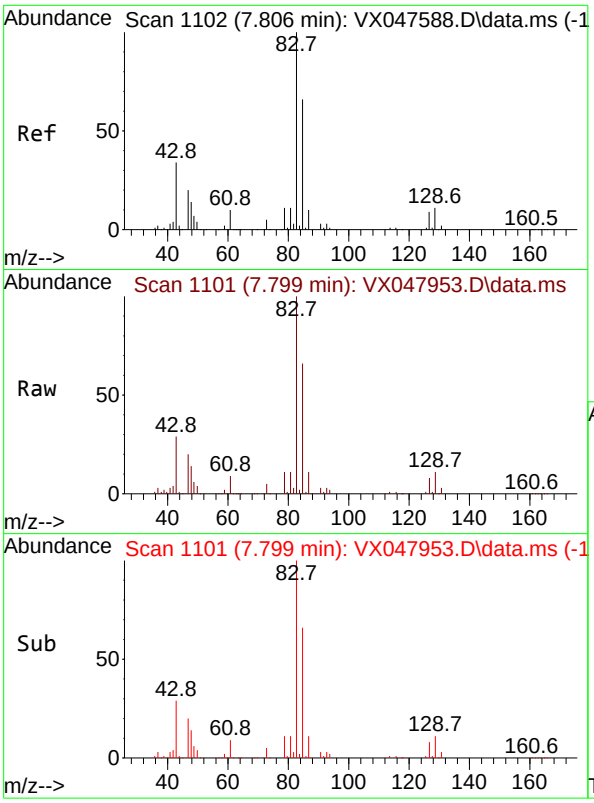


#46
Dibromomethane
Concen: 53.694 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 93 Resp: 75995

Ion	Ratio	Lower	Upper
93	100		
95	82.6	65.0	97.6
174	91.4	71.6	107.4

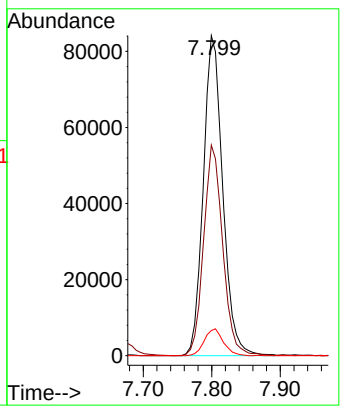




#47
Bromodichloromethane
Concen: 56.967 ug/l
RT: 7.799 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 83 Resp: 16638

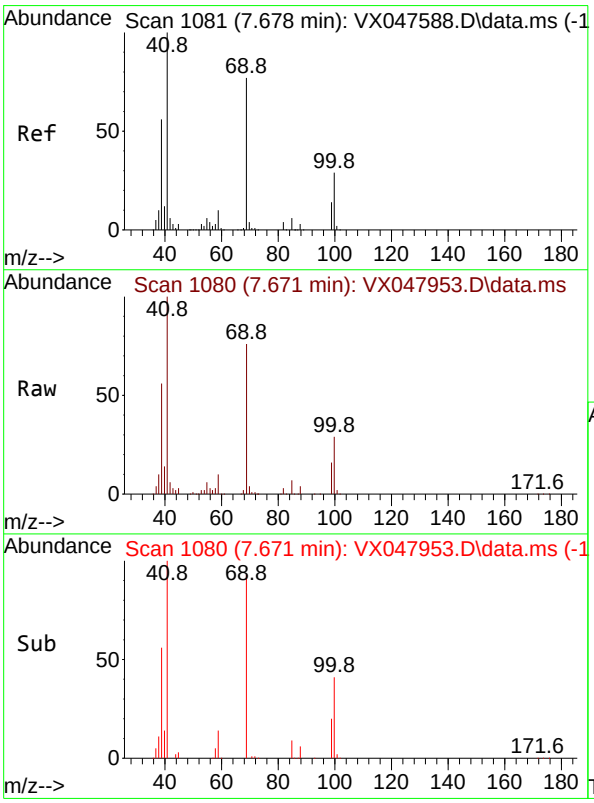
Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.5	78.7
127	7.9	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

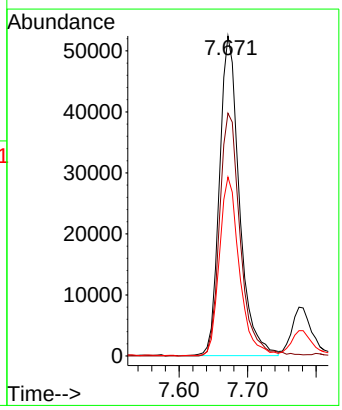
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

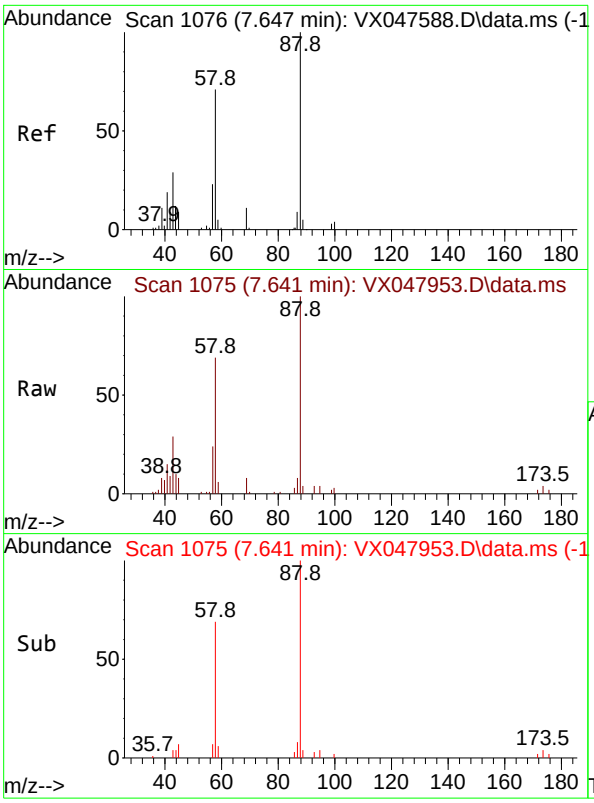


#48
Methyl methacrylate
Concen: 48.168 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 41 Resp: 105367

Ion	Ratio	Lower	Upper
41	100		
69	79.2	61.4	92.2
39	56.6	45.8	68.6





#49
1,4-Dioxane
Concen: 1069.039 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

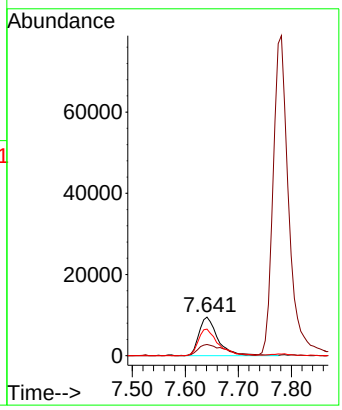
Tgt Ion: 88 Resp: 2363

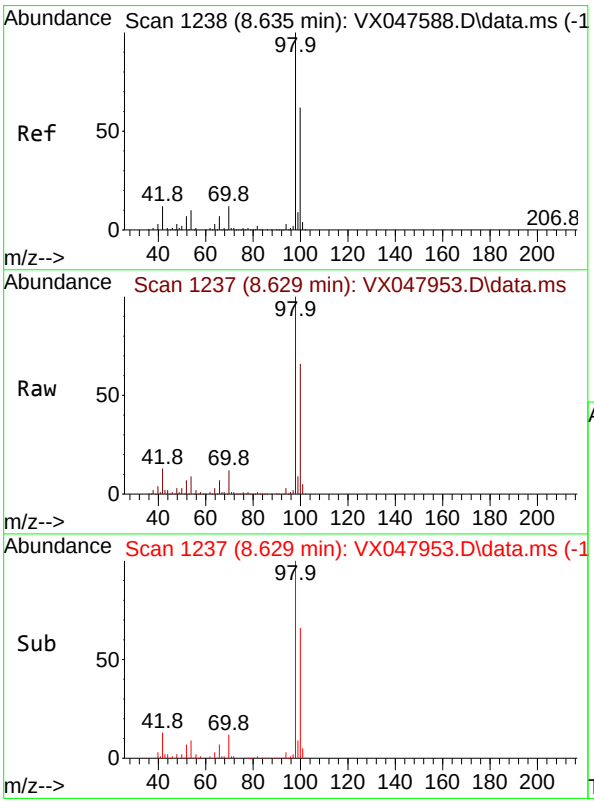
Ion	Ratio	Lower	Upper
88	100		
43	40.2	30.2	45.2
58	73.1	59.5	89.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

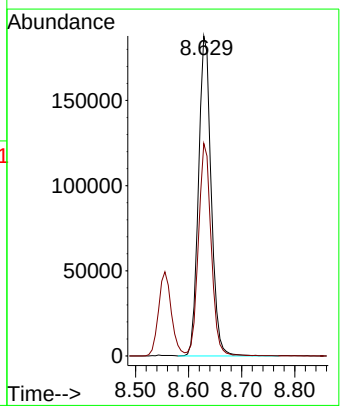


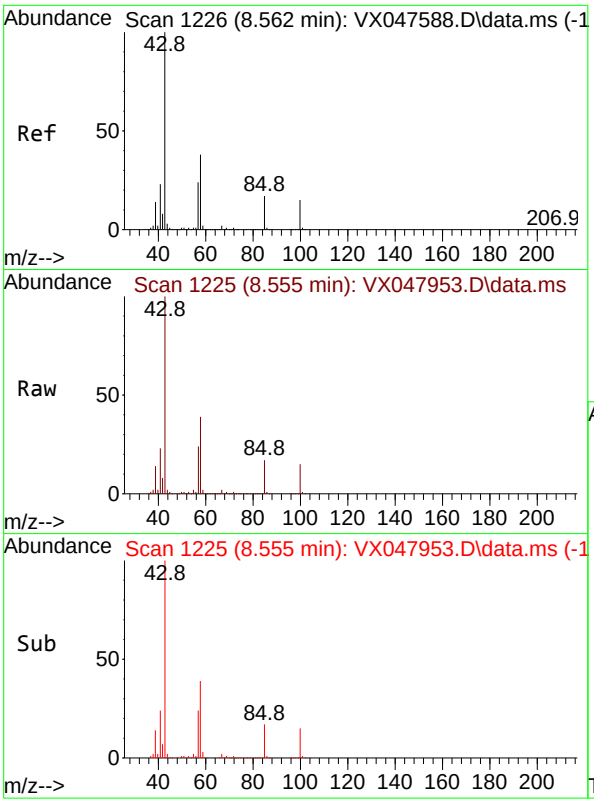


#50
Toluene-d8
Concen: 52.554 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 98 Resp: 311220

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.4

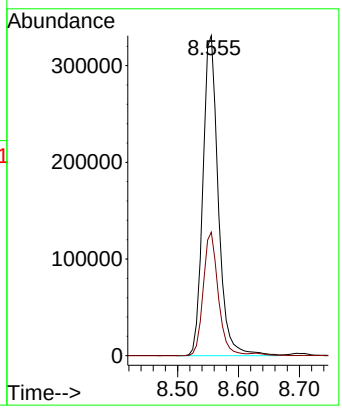




#51
4-Methyl-2-Pentanone
Concen: 238.909 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 43 Resp: 58171

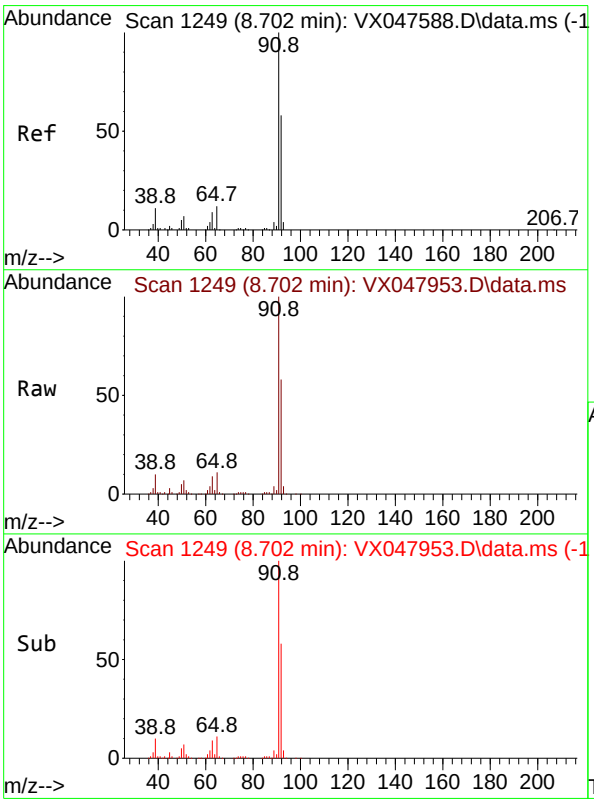
Ion	Ratio	Lower	Upper
43	100		
58	37.5	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

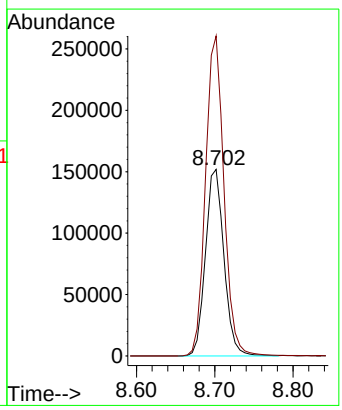
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

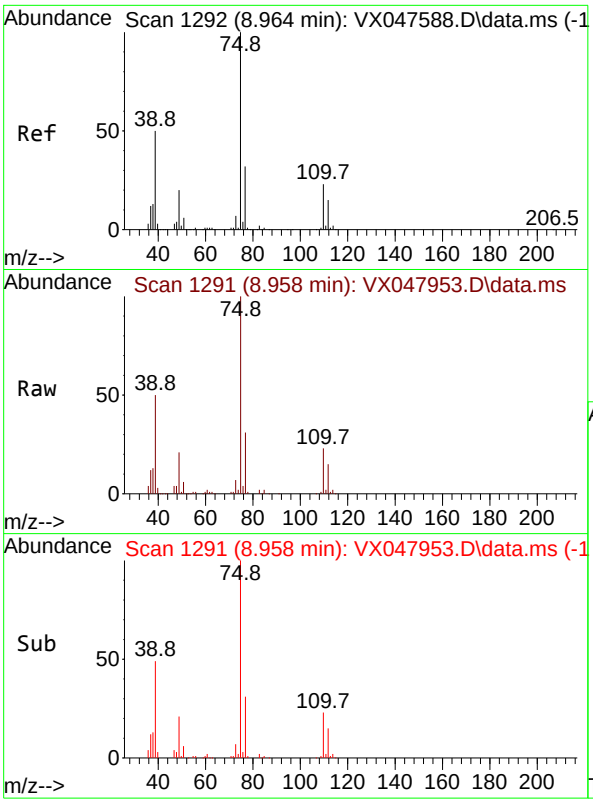


#52
Toluene
Concen: 53.226 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 92 Resp: 249080

Ion	Ratio	Lower	Upper
92	100		
91	170.9	137.1	205.7

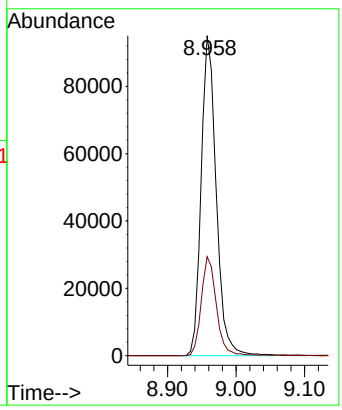




#53
t-1,3-Dichloropropene
Concen: 48.842 ug/l
RT: 8.958 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 75 Resp: 14550

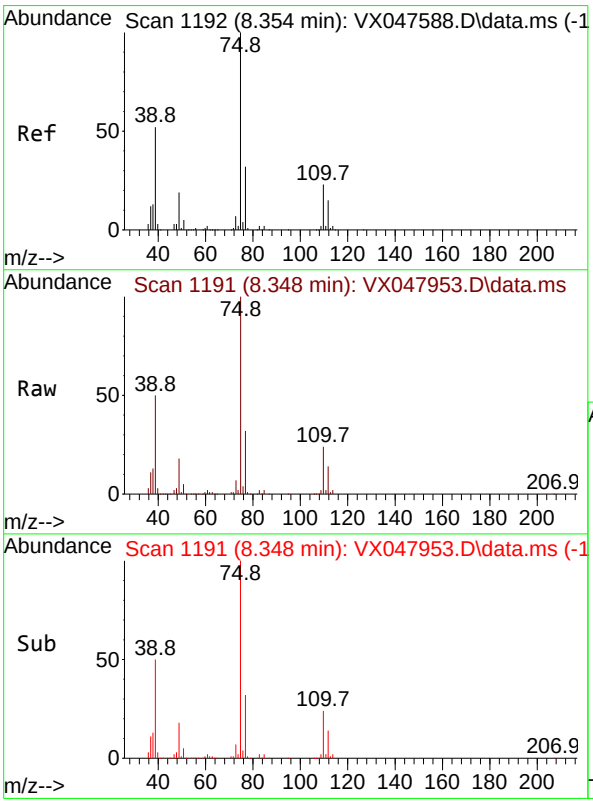
Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

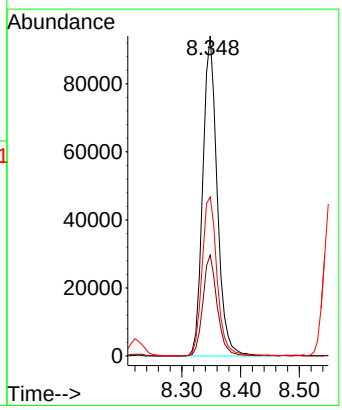
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

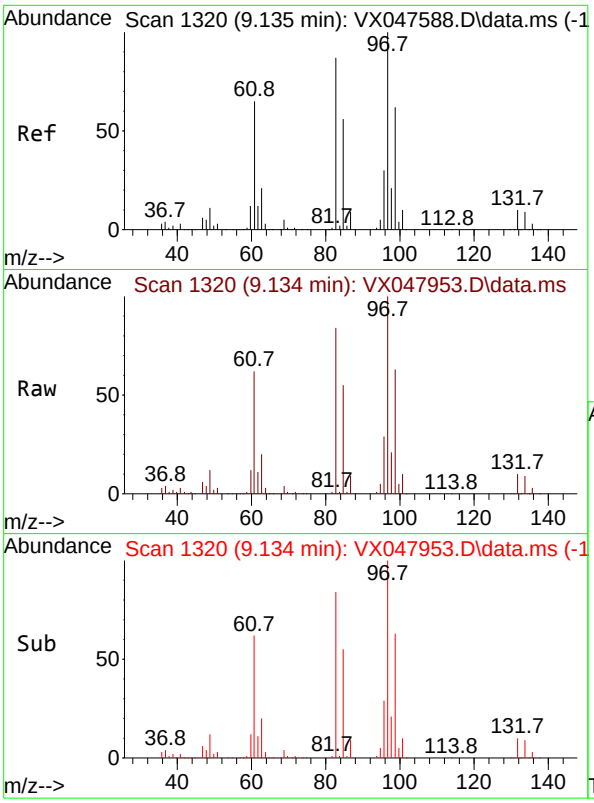


#54
cis-1,3-Dichloropropene
Concen: 50.207 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 75 Resp: 159868

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.8	38.6
39	49.1	41.4	62.2

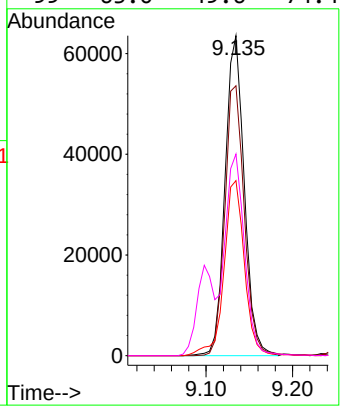




#55
1,1,2-Trichloroethane
Concen: 54.156 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 97 Resp: 9772

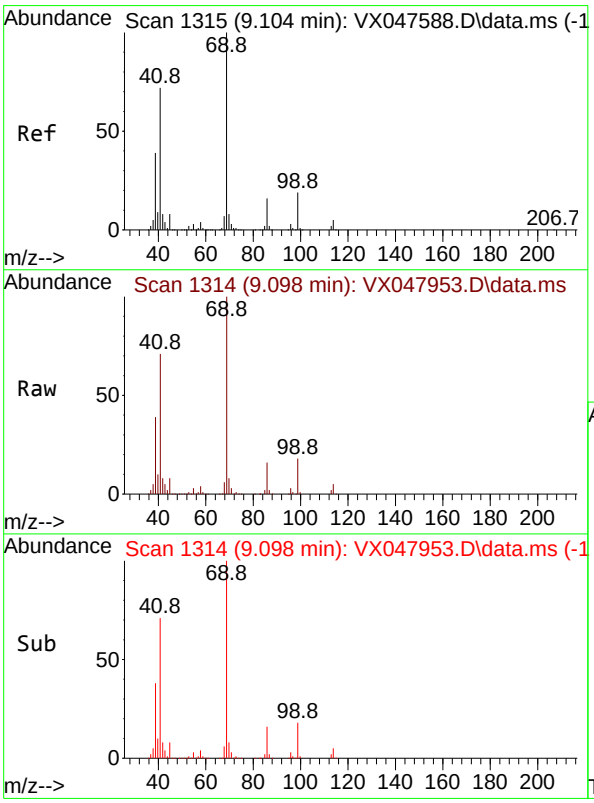
Ion	Ratio	Lower	Upper
97	100		
83	84.3	69.6	104.4
85	54.7	45.0	67.6
99	63.0	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

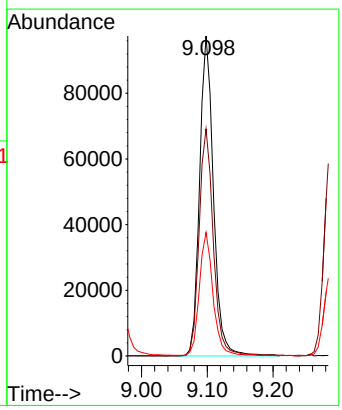
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

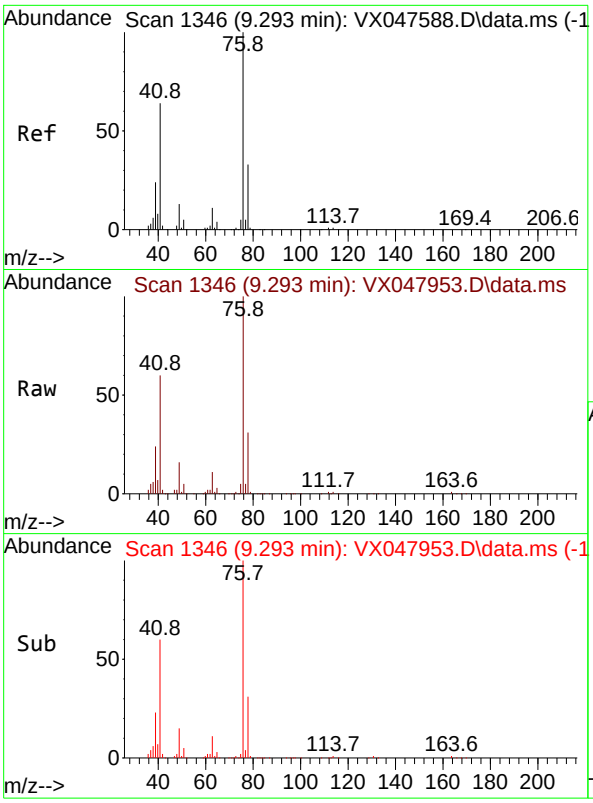


#56
Ethyl methacrylate
Concen: 50.622 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 69 Resp: 143453

Ion	Ratio	Lower	Upper
69	100		
41	72.4	58.6	87.8
39	37.9	31.5	47.3

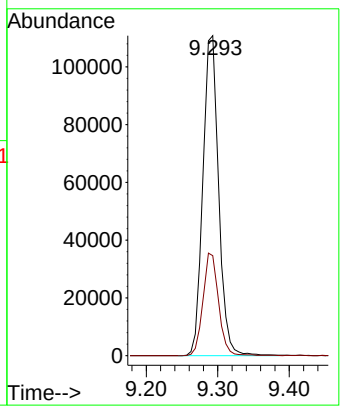




#57
1,3-Dichloropropane
Concen: 54.794 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 76 Resp: 16984

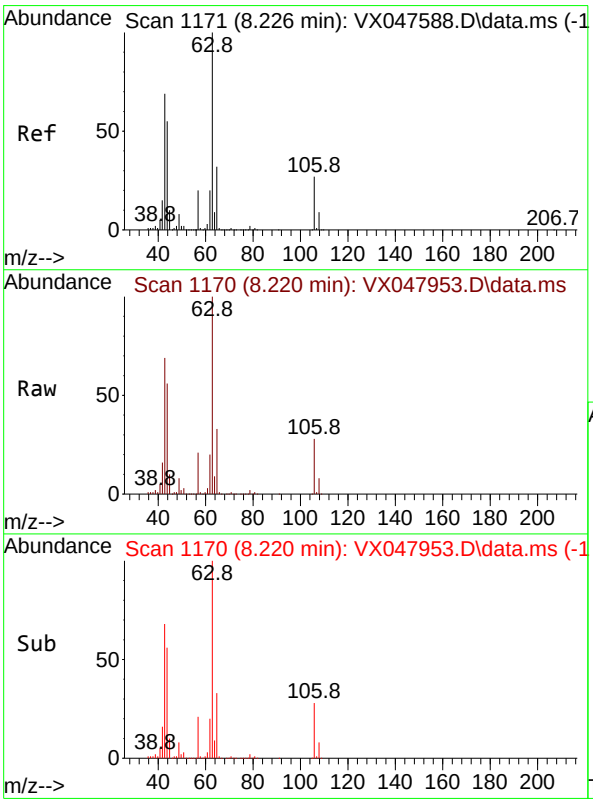
Ion	Ratio	Lower	Upper
76	100		
78	31.7	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

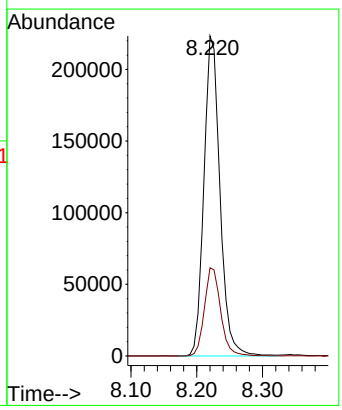
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

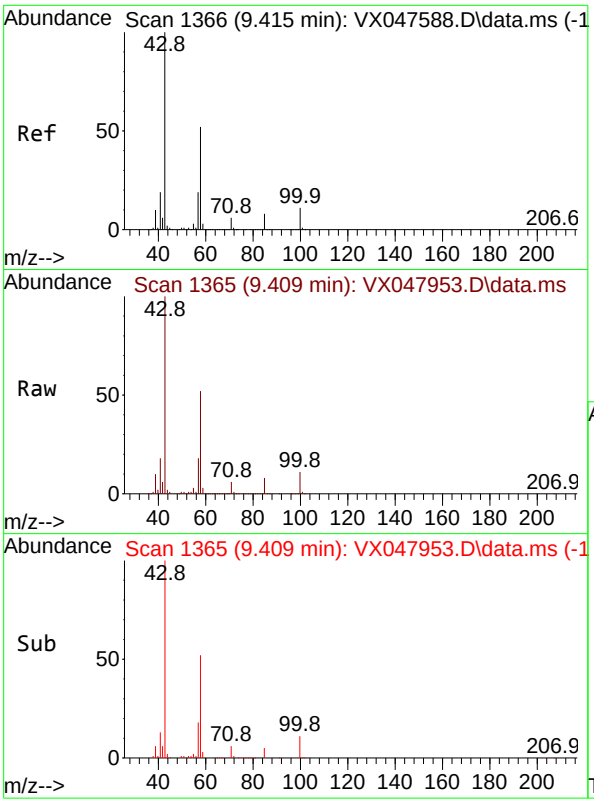


#58
2-Chloroethyl Vinyl ether
Concen: 278.455 ug/l
RT: 8.220 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 63 Resp: 379885

Ion	Ratio	Lower	Upper
63	100		
106	27.8	21.9	32.9

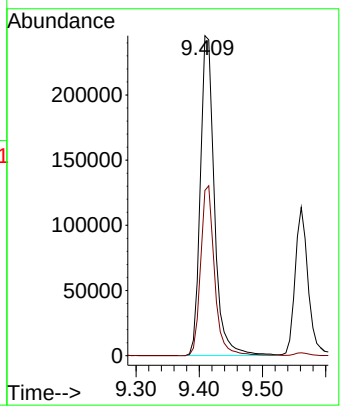




#59
2-Hexanone
Concen: 217.702 ug/l
RT: 9.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 43 Resp: 38070

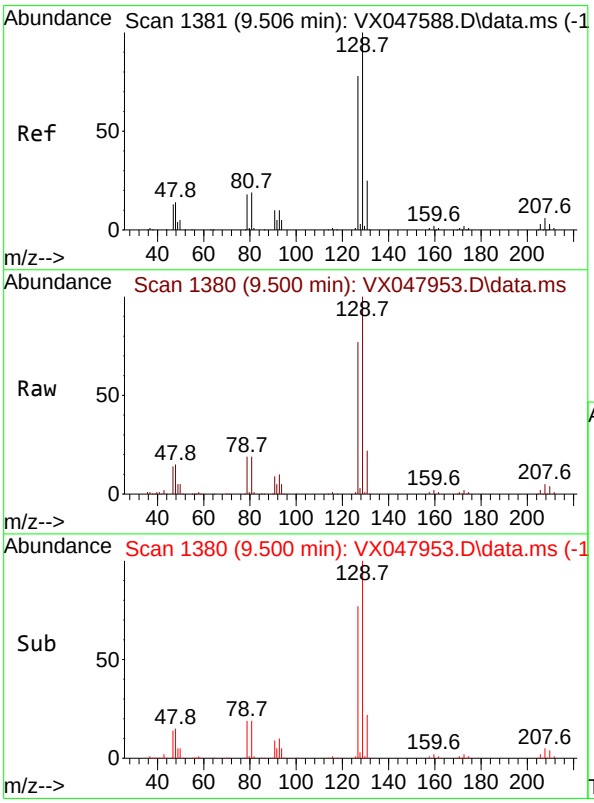
Ion	Ratio	Lower	Upper
43	100		
58	52.7	26.1	78.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

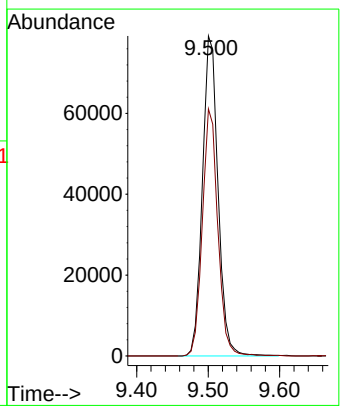
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

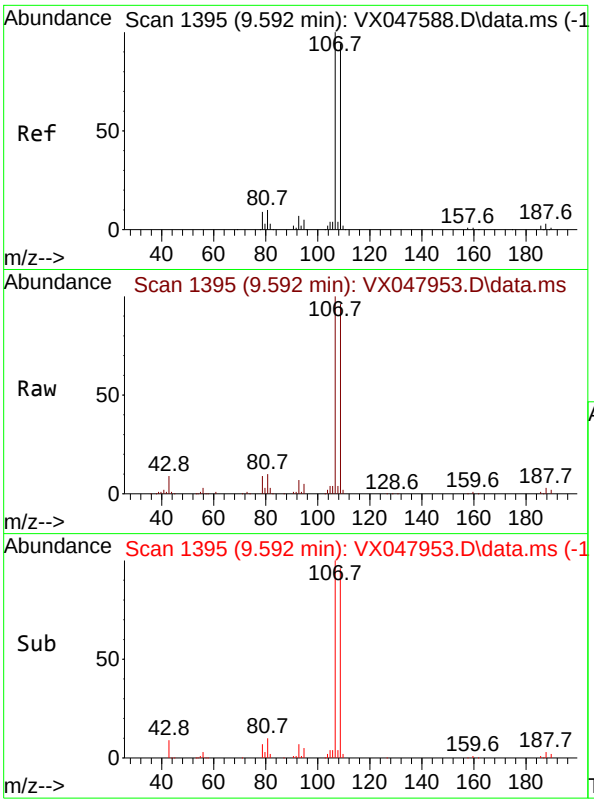


#60
Dibromochloromethane
Concen: 57.824 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:129 Resp: 120224

Ion	Ratio	Lower	Upper
129	100		
127	76.5	38.4	115.2

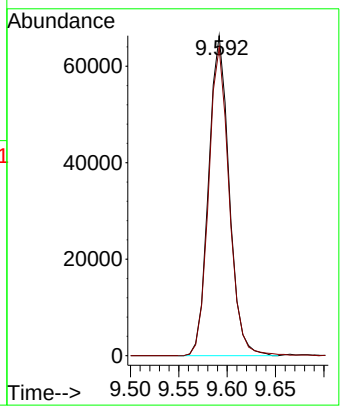




#61
1,2-Dibromoethane
Concen: 53.348 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:107 Resp: 9805

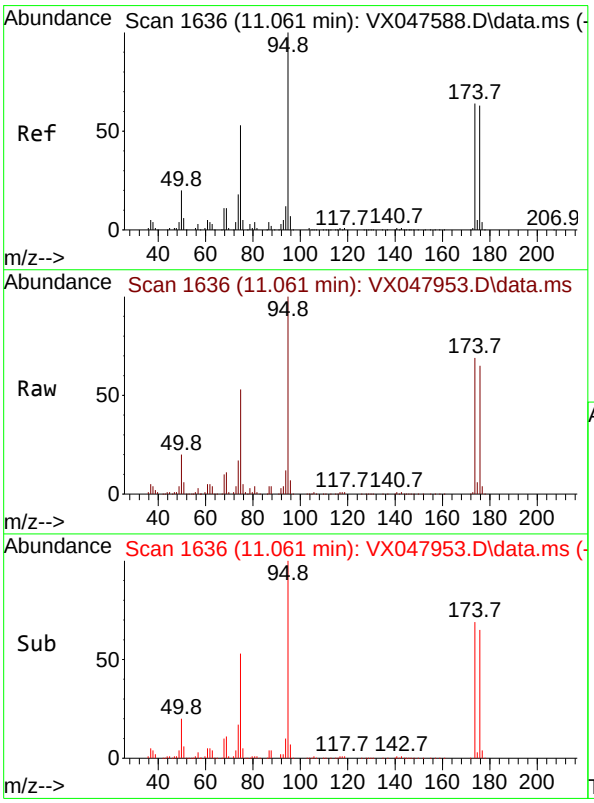
Ion	Ratio	Lower	Upper
107	100		
109	96.4	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

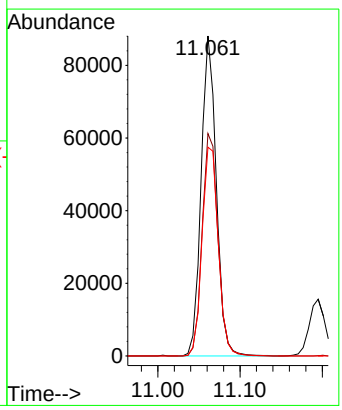
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

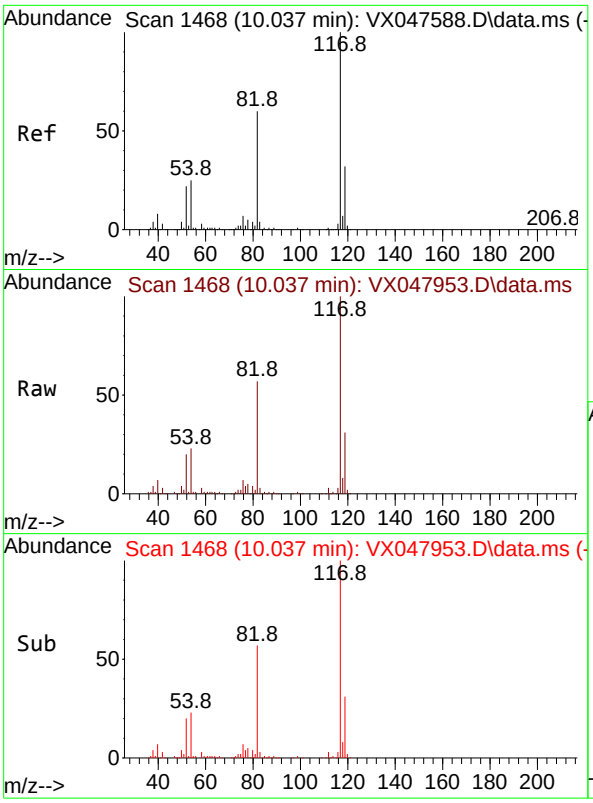


#62
4-Bromofluorobenzene
Concen: 50.274 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 95 Resp: 112989

Ion	Ratio	Lower	Upper
95	100		
174	72.2	0.0	141.6
176	69.9	0.0	138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

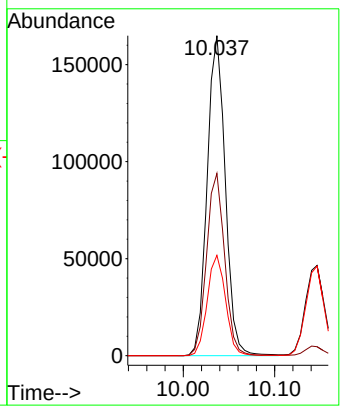
Tgt Ion:117 Resp: 22675

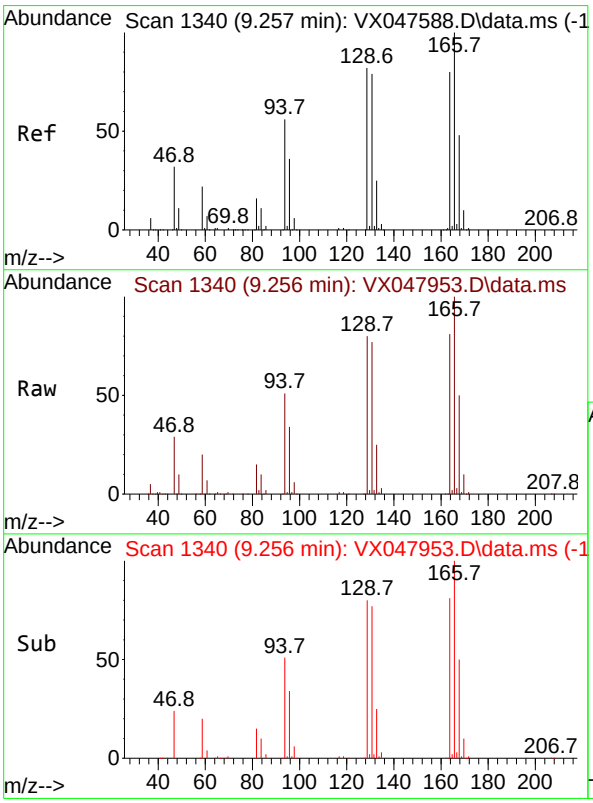
Ion	Ratio	Lower	Upper
117	100		
82	57.0	47.8	71.6
119	31.3	25.2	37.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

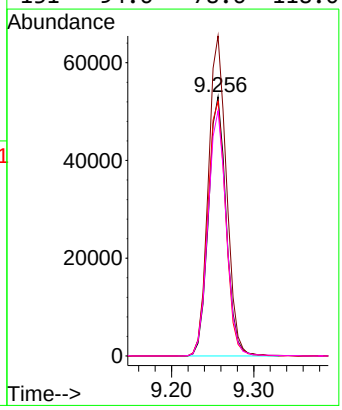


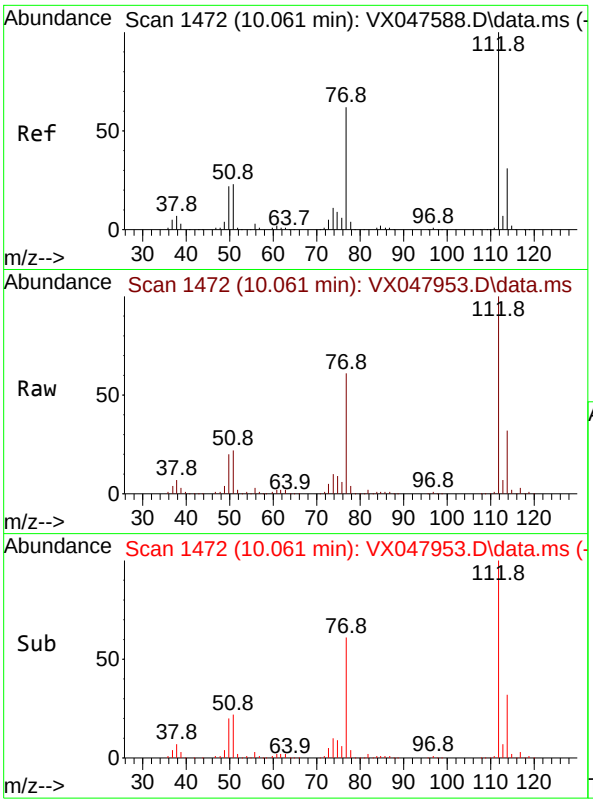


#64
Tetrachloroethene
Concen: 53.794 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:164 Resp: 79519

Ion	Ratio	Lower	Upper
164	100		
166	123.5	100.2	150.2
129	98.2	81.8	122.6
131	94.6	78.6	118.0





#65
Chlorobenzene
Concen: 53.662 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

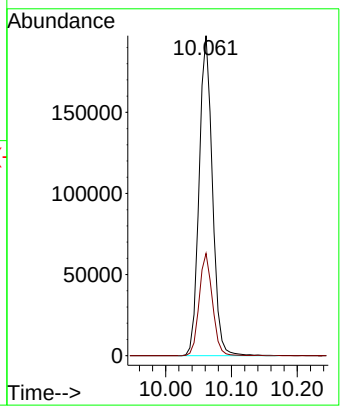
Tgt Ion:112 Resp: 27643

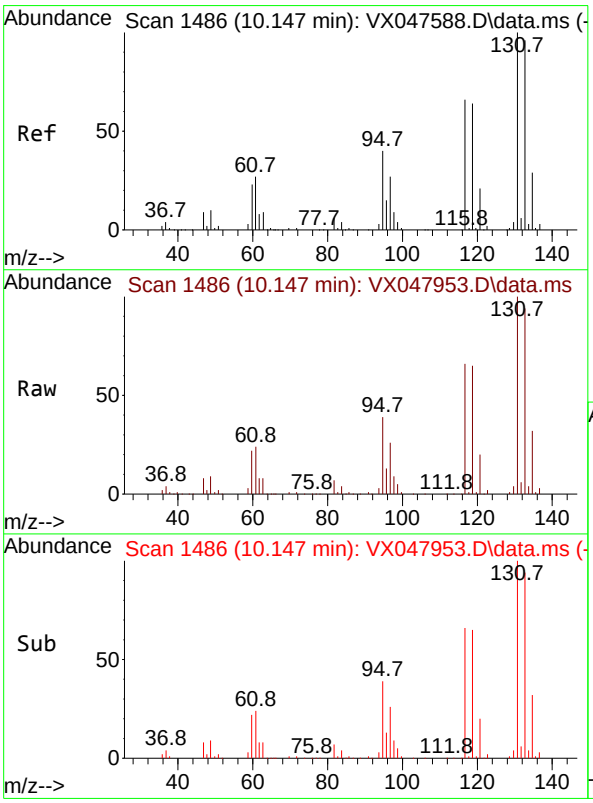
Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.1	37.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

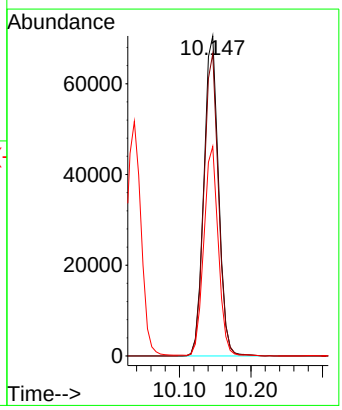


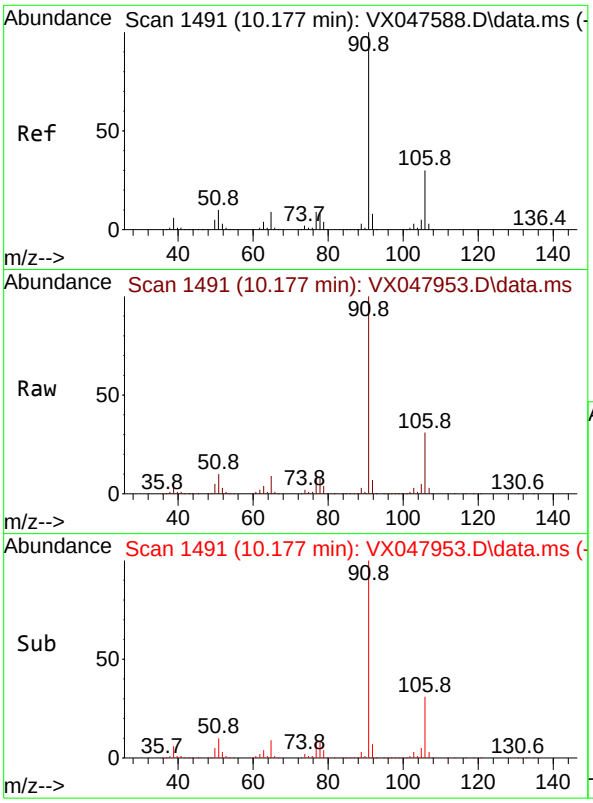


#66
1,1,1,2-Tetrachloroethane
Concen: 56.517 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:131 Resp: 100467

Ion	Ratio	Lower	Upper
131	100		
133	94.2	47.3	142.0
119	64.9	32.0	96.0

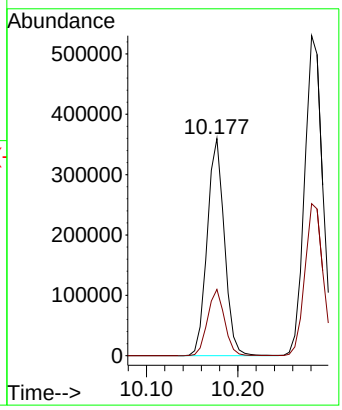




#67
Ethyl Benzene
Concen: 52.719 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 91 Resp: 46859

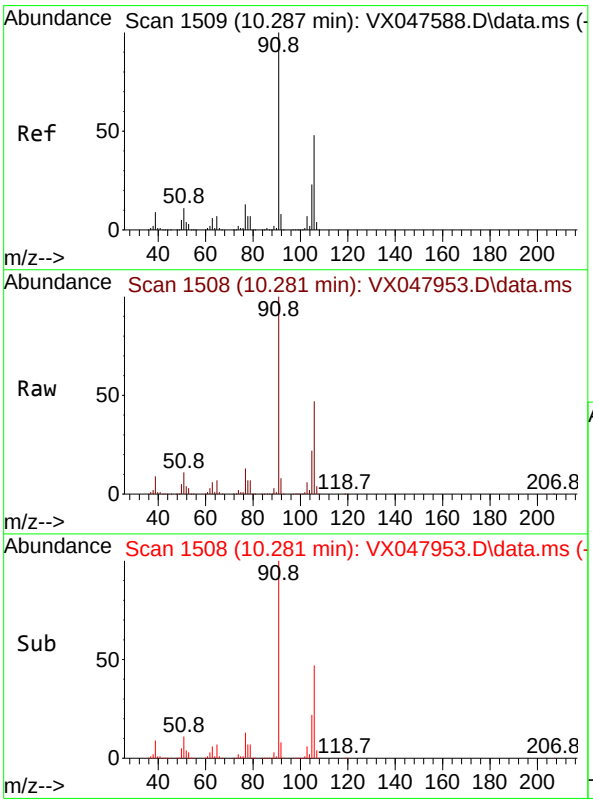
Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.3	36.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

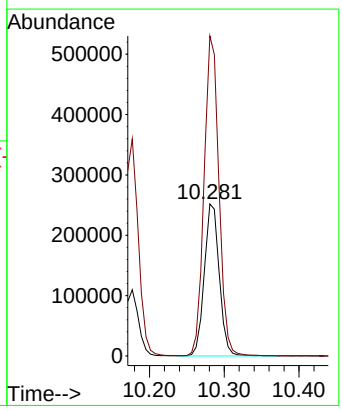
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

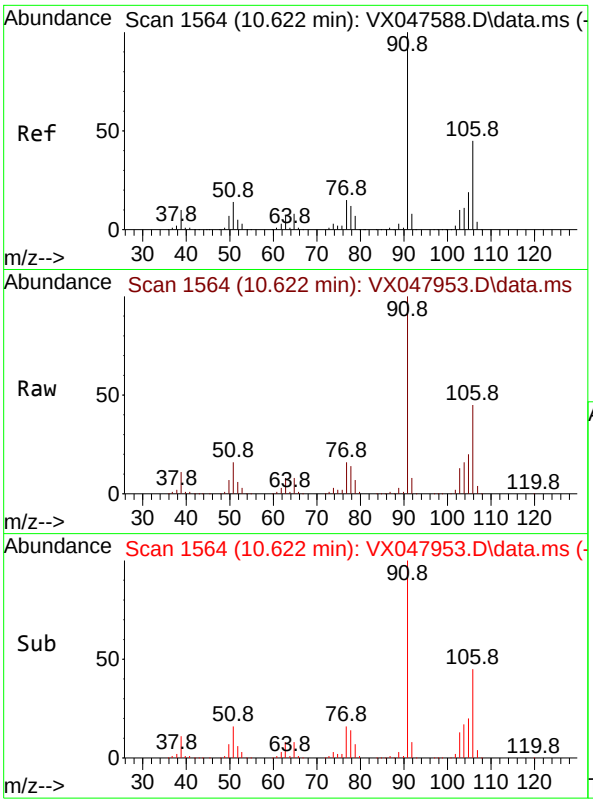


#68
m/p-Xylenes
Concen: 105.651 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:106 Resp: 349533

Ion	Ratio	Lower	Upper
106	100		
91	209.1	167.8	251.8

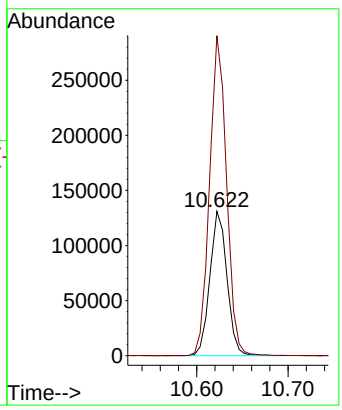




#69
o-Xylene
Concen: 53.115 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:106 Resp: 16996

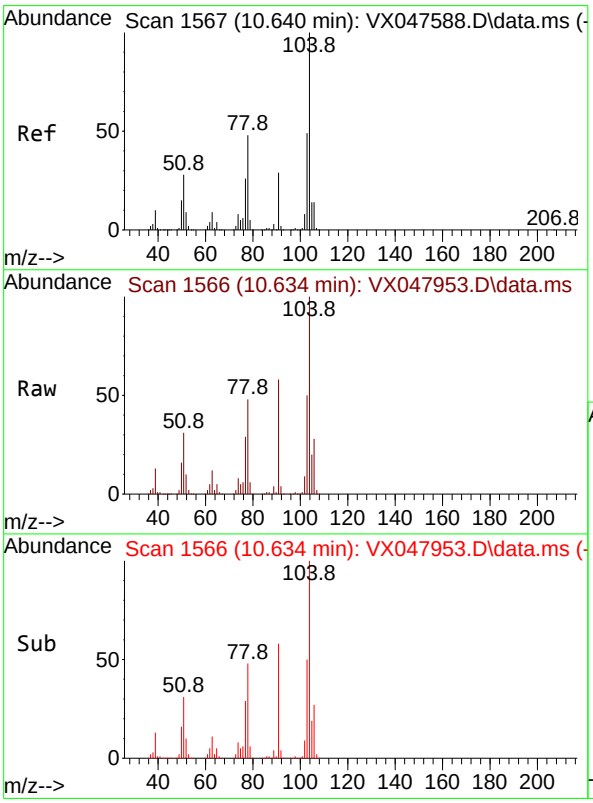
Ion	Ratio	Lower	Upper
106	100		
91	220.0	111.1	333.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

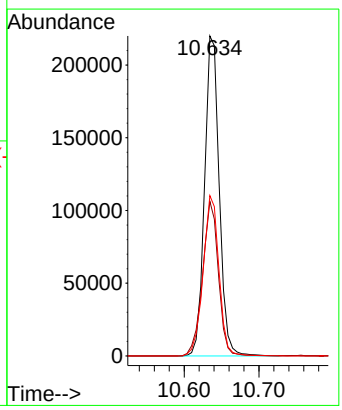
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

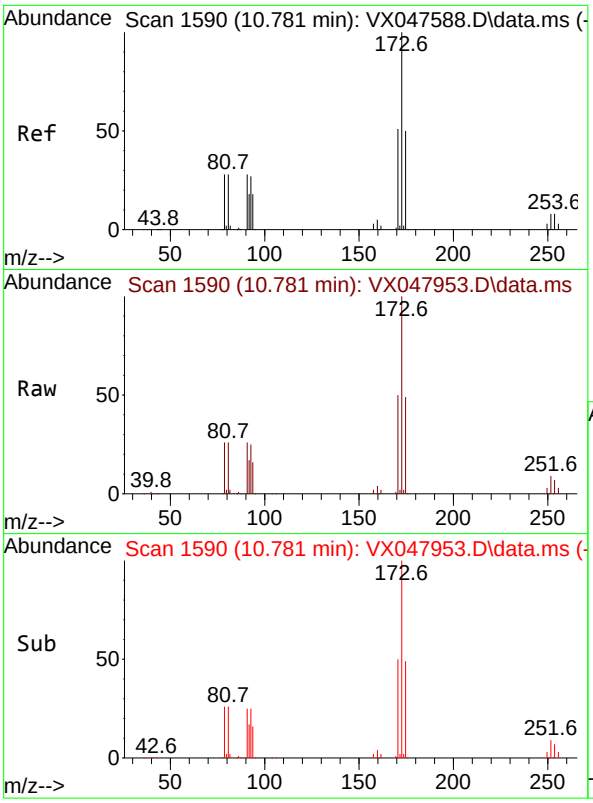


#70
Styrene
Concen: 53.486 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:104 Resp: 299893

Ion	Ratio	Lower	Upper
104	100		
78	52.2	43.1	64.7
103	54.0	43.1	64.7

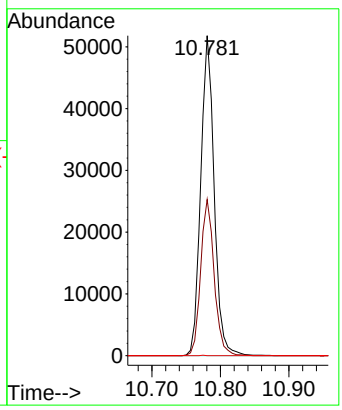




#71
Bromoform
Concen: 53.345 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:173 Resp: 7080

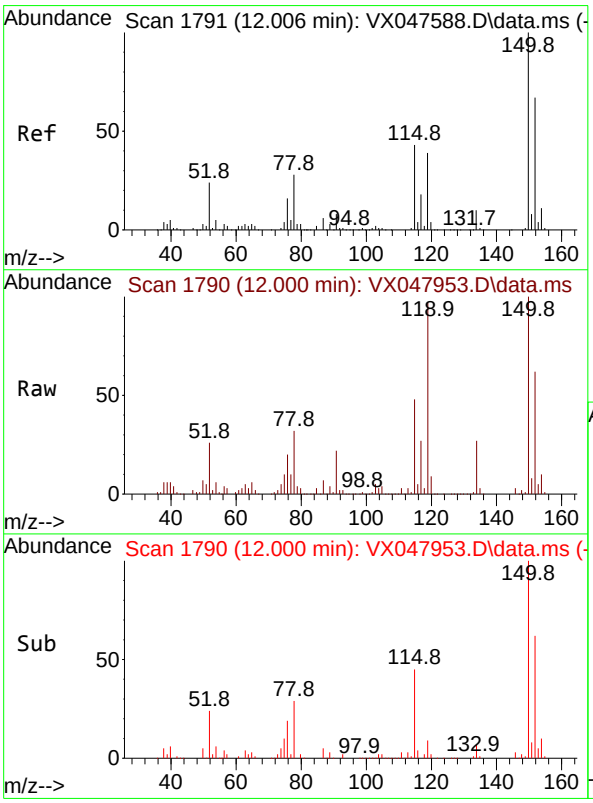
Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.9	74.6
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

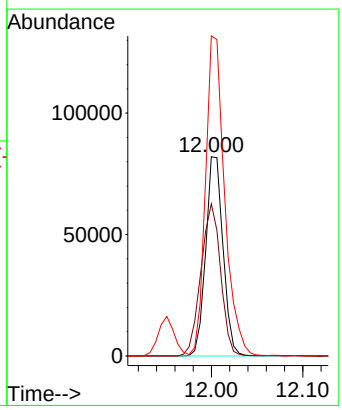
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

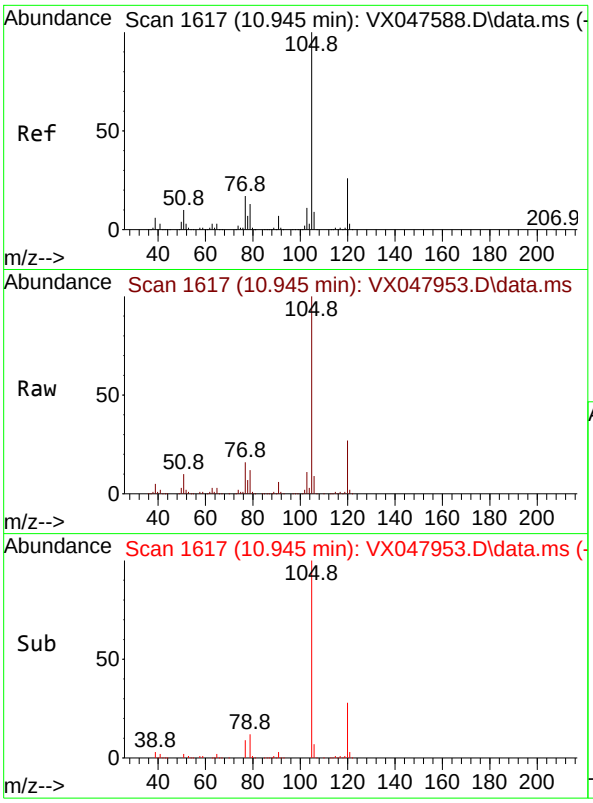


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:152 Resp: 107762

Ion	Ratio	Lower	Upper
152	100		
115	86.8	44.9	134.5
150	177.2	0.0	352.0

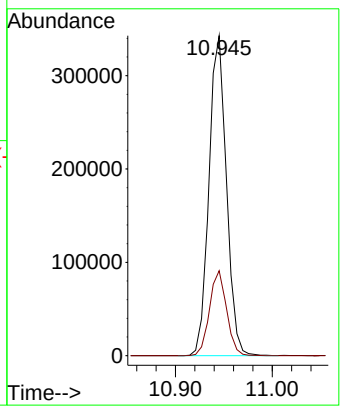




#73
Isopropylbenzene
Concen: 52.569 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:105 Resp: 43068

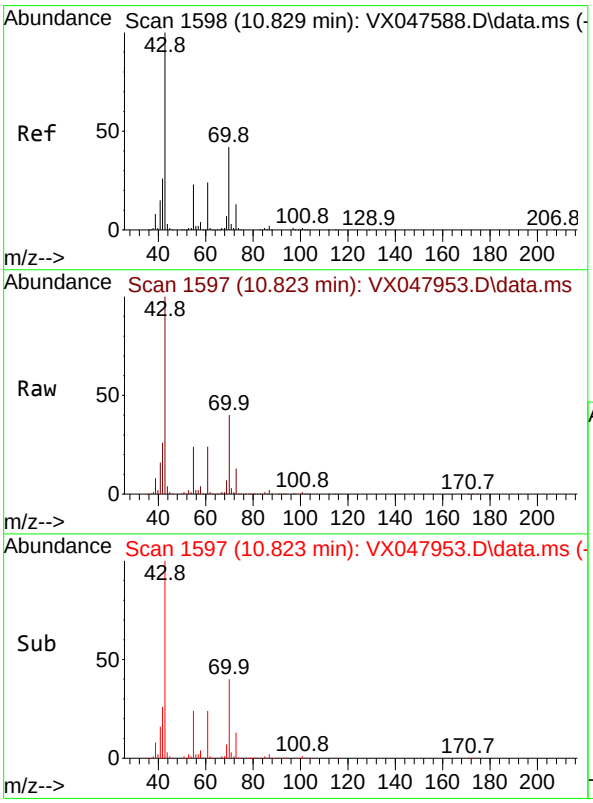
Ion	Ratio	Lower	Upper
105	100		
120	26.0	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

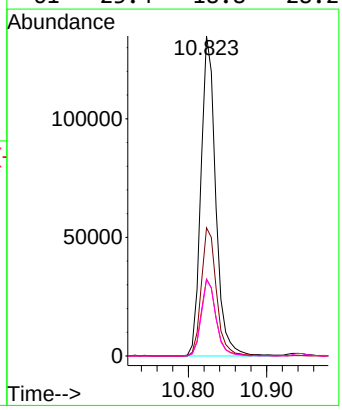
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

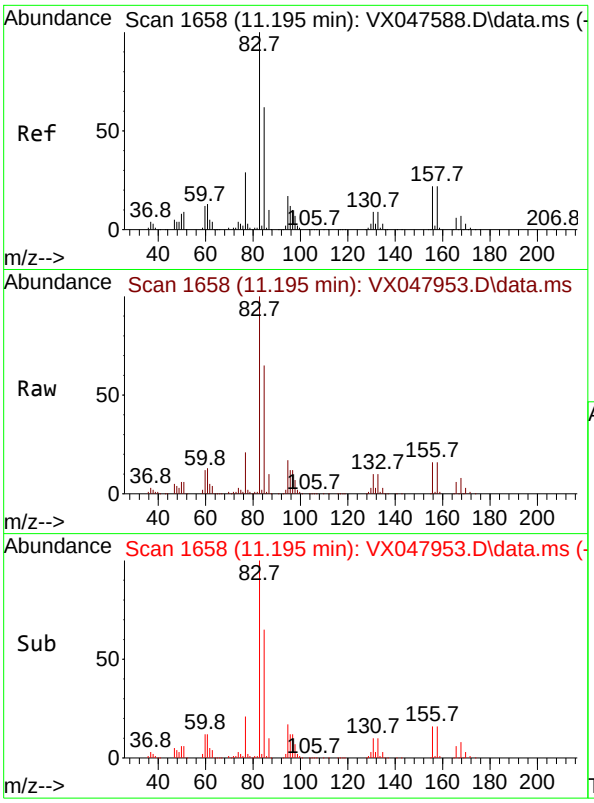


#74
N-amyl acetate
Concen: 47.430 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 43 Resp: 177201

Ion	Ratio	Lower	Upper
43	100		
70	40.9	32.0	48.0
55	24.3	18.9	28.3
61	23.4	18.8	28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 51.074 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

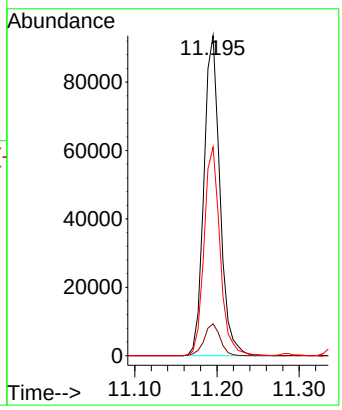
Tgt Ion: 83 Resp: 12659

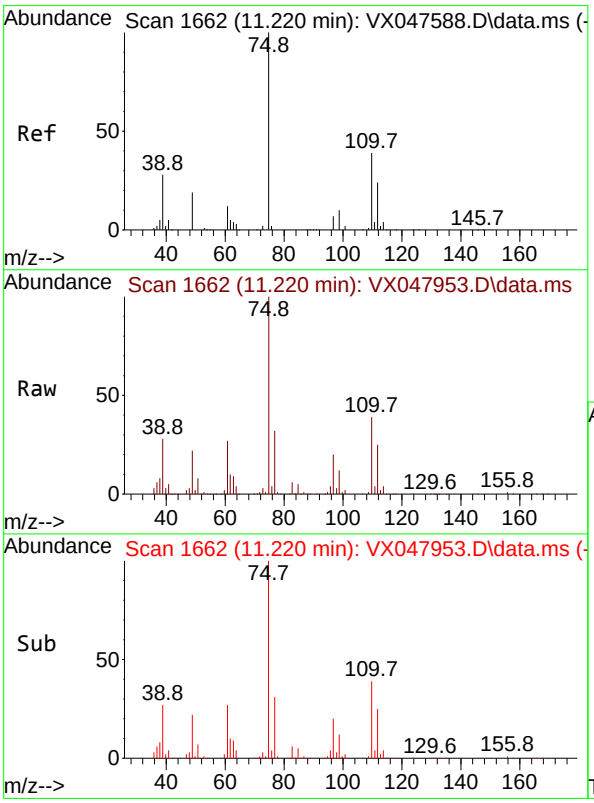
Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	14.9
85	65.0	31.6	95.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

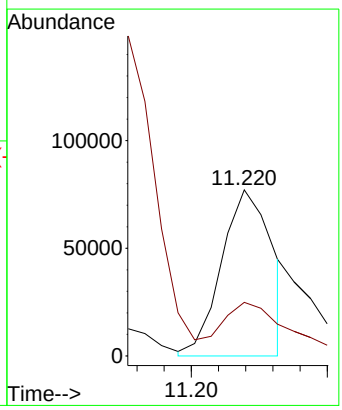


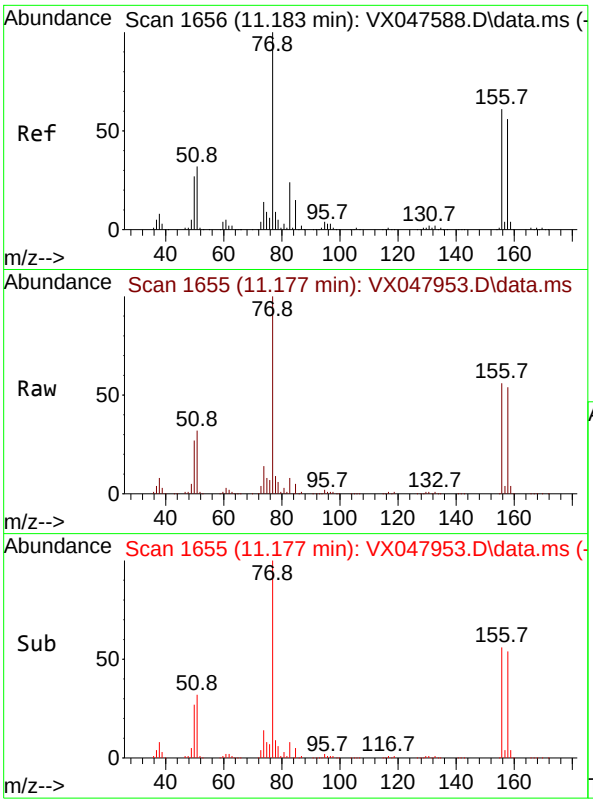


#76
1,2,3-Trichloropropane
Concen: 45.755 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 75 Resp: 99831

Ion	Ratio	Lower	Upper
75	100		
77	43.2	18.8	56.4

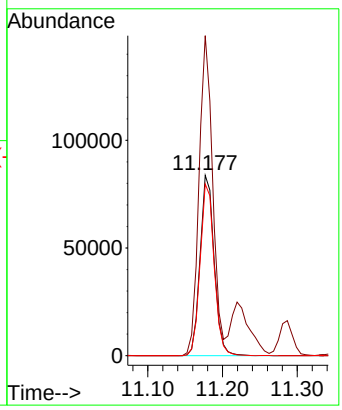




#77
Bromobenzene
Concen: 54.392 ug/l
RT: 11.177 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:156 Resp: 10975

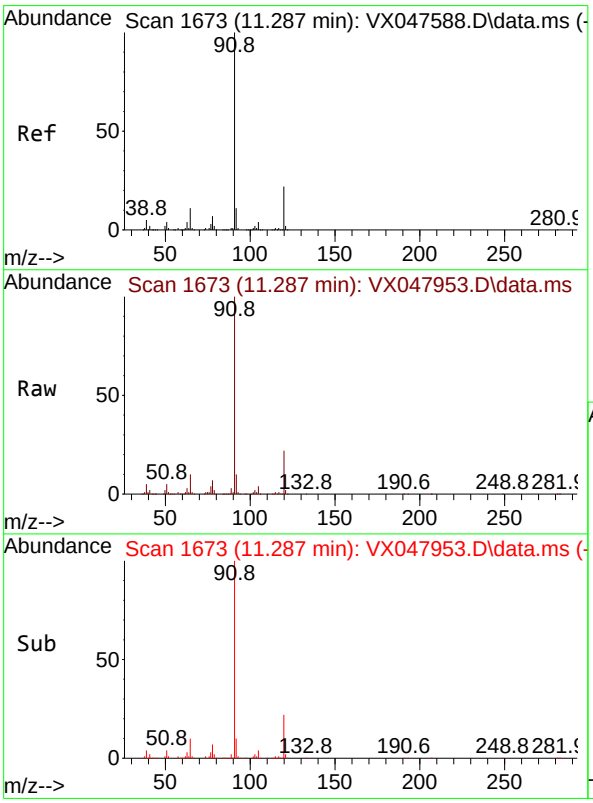
Ion	Ratio	Lower	Upper
156	100		
77	171.1	89.7	269.1
158	95.0	47.9	143.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

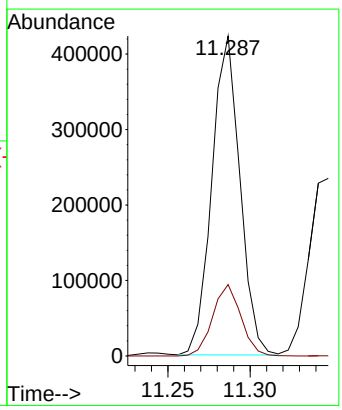
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

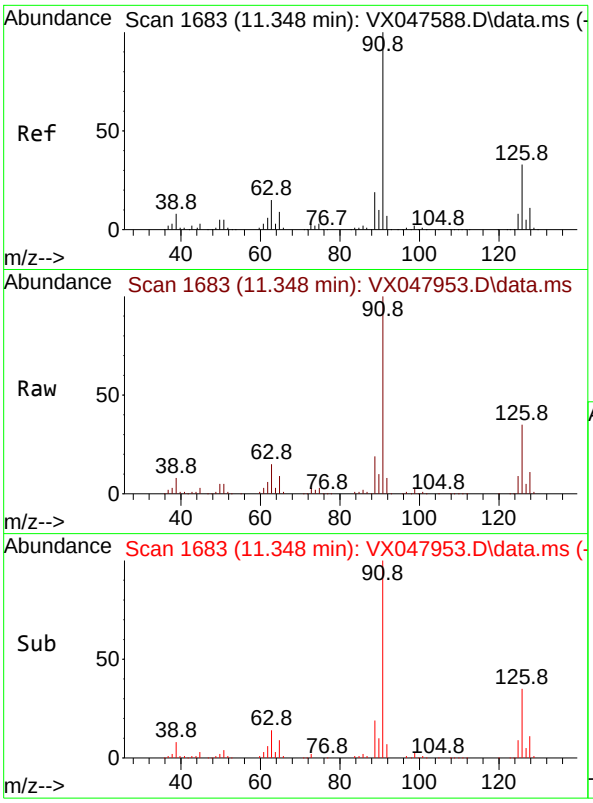


#78
n-propylbenzene
Concen: 51.816 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 91 Resp: 501836

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.1	33.1





#79
2-Chlorotoluene
Concen: 52.454 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

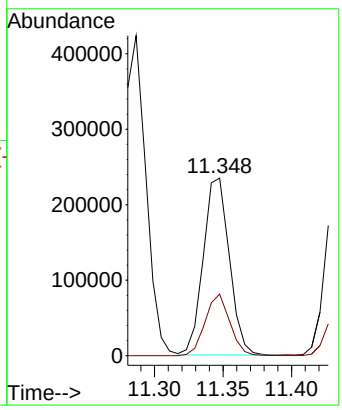
Tgt Ion: 91 Resp: 31114

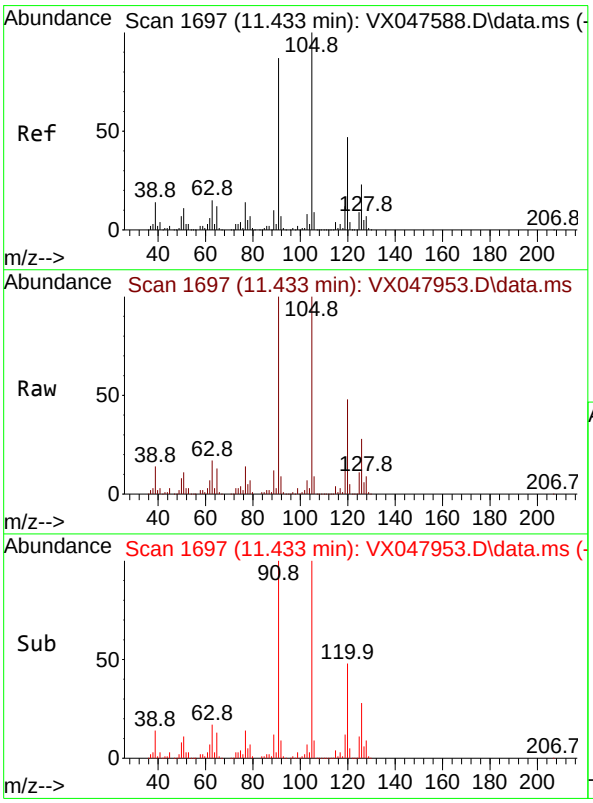
Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.1	48.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

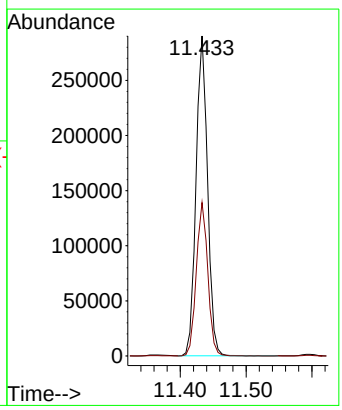


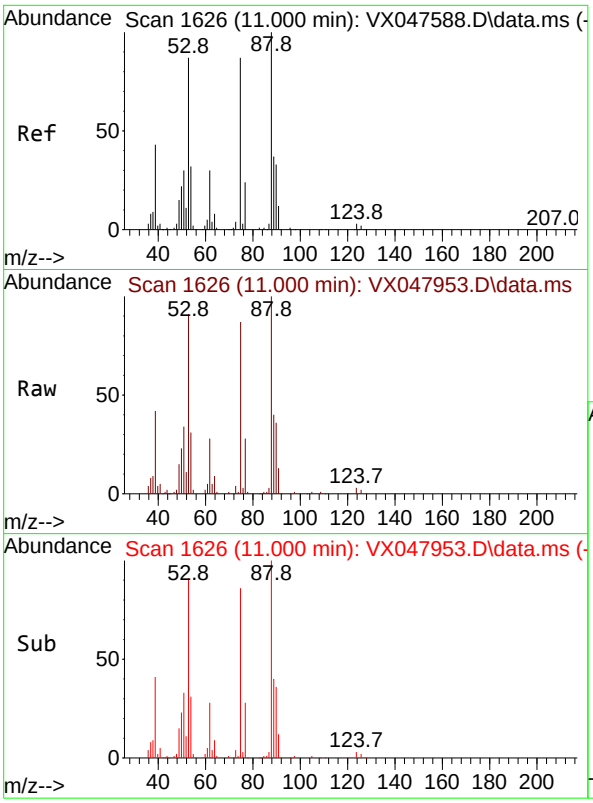


#80
1,3,5-Trimethylbenzene
Concen: 52.286 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:105 Resp: 351942

Ion	Ratio	Lower	Upper
105	100		
120	48.1	23.6	70.8

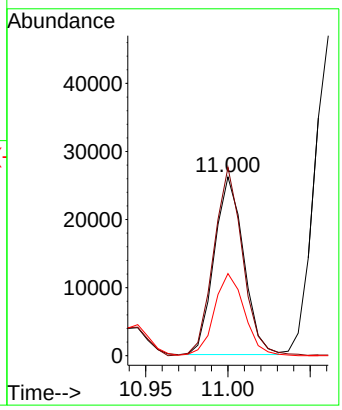




#81
trans-1,4-Dichloro-2-butene
Concen: 37.937 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 75 Resp: 3245

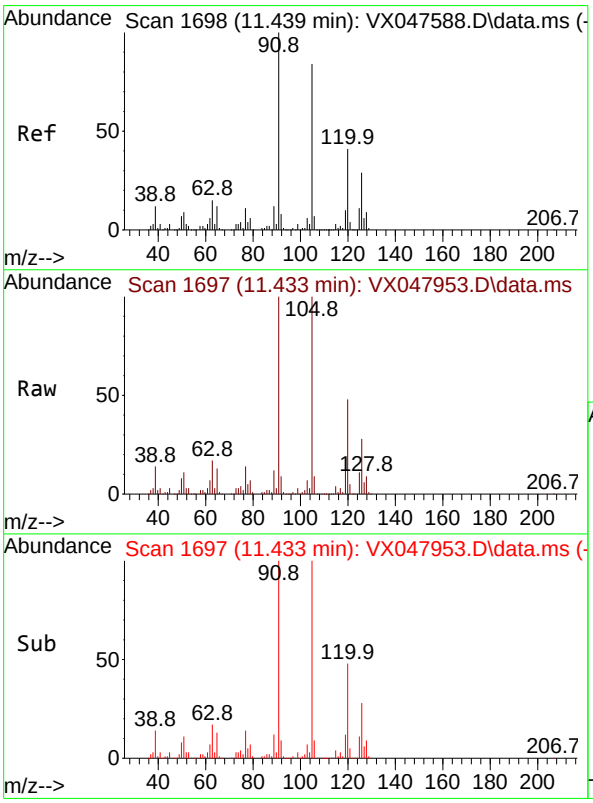
Ion	Ratio	Lower	Upper
75	100		
53	104.9	83.4	125.2
89	47.4	36.3	54.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

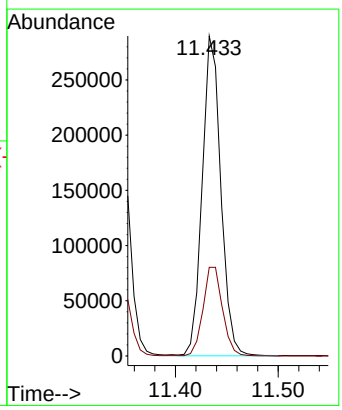
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

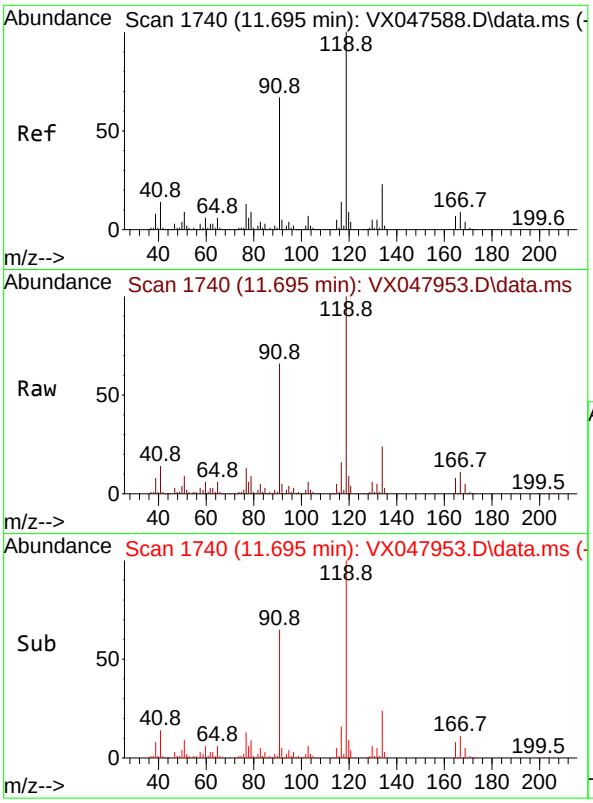


#82
4-Chlorotoluene
Concen: 52.094 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 91 Resp: 364954

Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.2	42.6

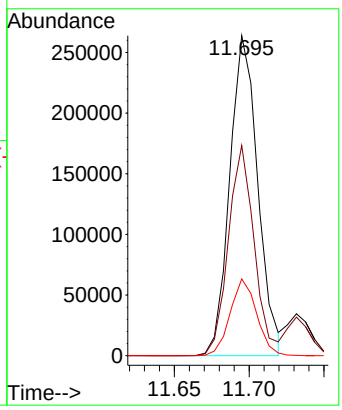




#83
tert-Butylbenzene
Concen: 49.895 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:119 Resp: 34380

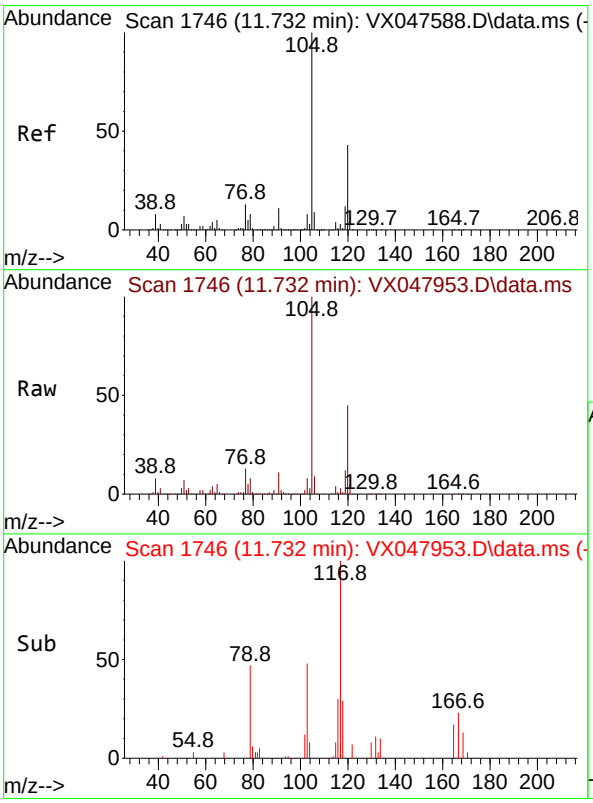
Ion	Ratio	Lower	Upper
119	100		
91	60.7	29.6	88.8
134	22.7	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

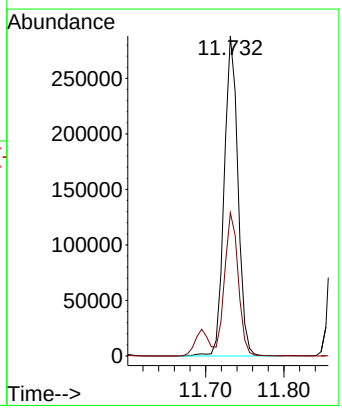
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

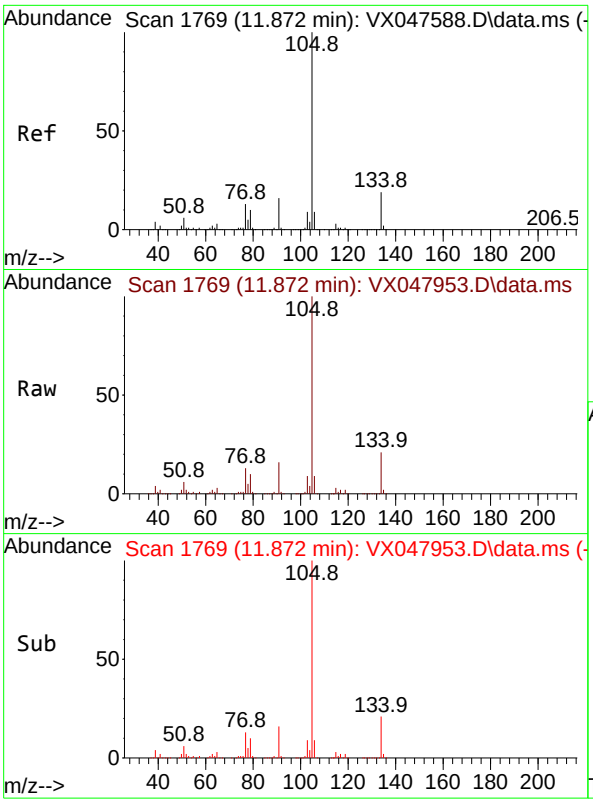


#84
1,2,4-Trimethylbenzene
Concen: 51.715 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:105 Resp: 352913

Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.1	66.1

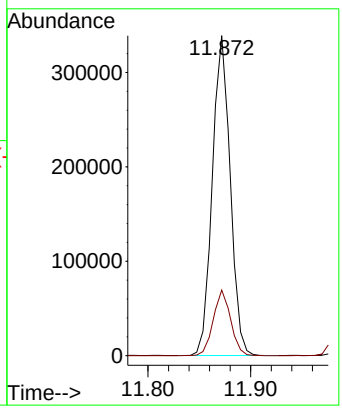




#85
sec-Butylbenzene
Concen: 49.888 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:105 Resp: 40830

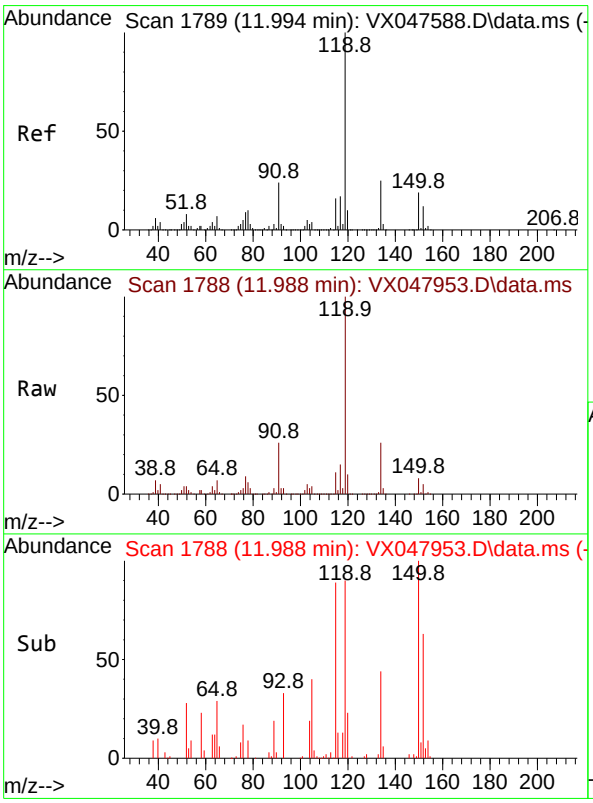
Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

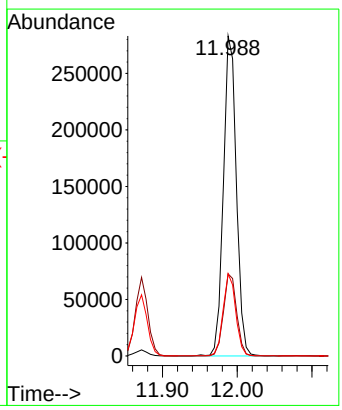
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

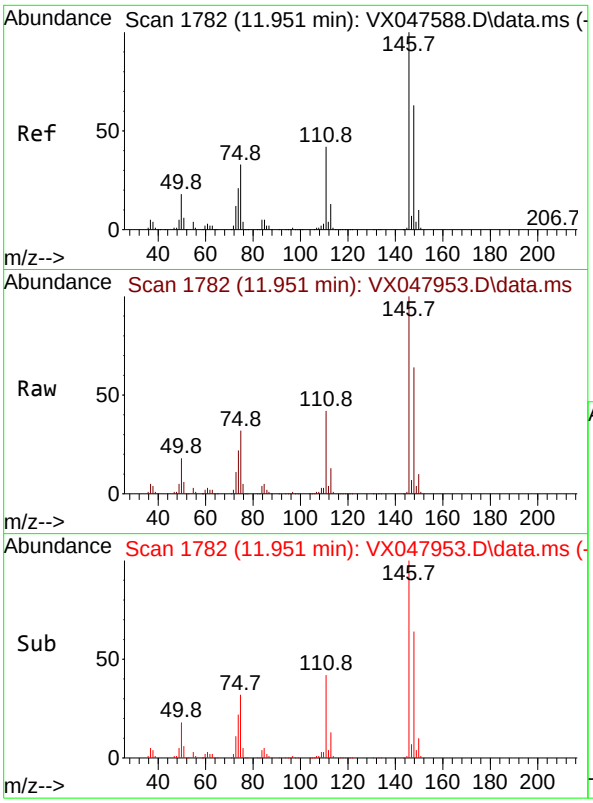


#86
p-Isopropyltoluene
Concen: 49.149 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:119 Resp: 340551

Ion	Ratio	Lower	Upper
119	100		
134	26.1	12.6	37.8
91	25.1	12.6	37.6

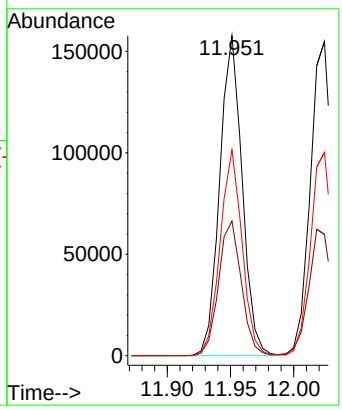




#87
1,3-Dichlorobenzene
Concen: 51.850 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:146 Resp: 19433

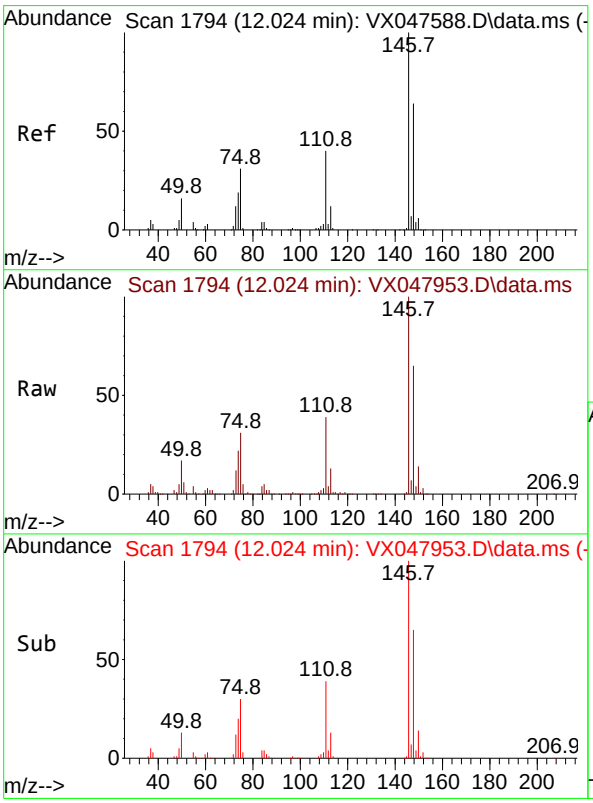
Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.5	64.5
148	63.0	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

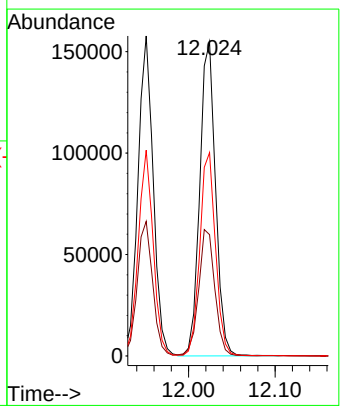
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

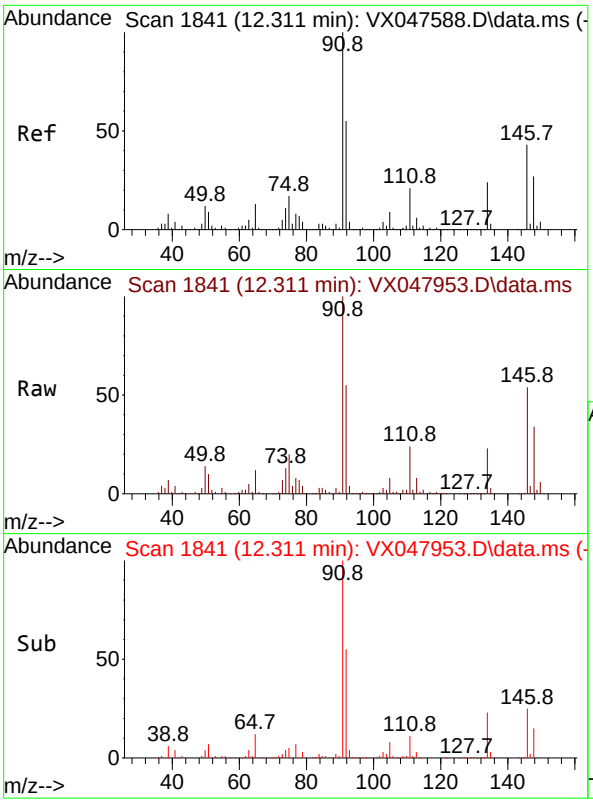


#88
1,4-Dichlorobenzene
Concen: 50.959 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:146 Resp: 196020

Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.8	62.4
148	64.7	31.7	95.1

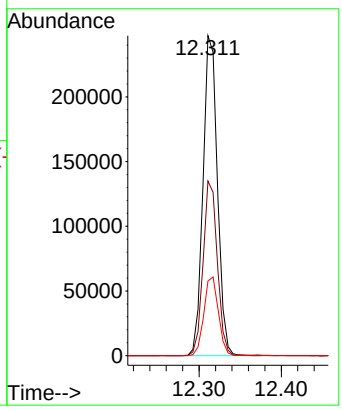




#89
n-Butylbenzene
Concen: 46.931 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 91 Resp: 30089

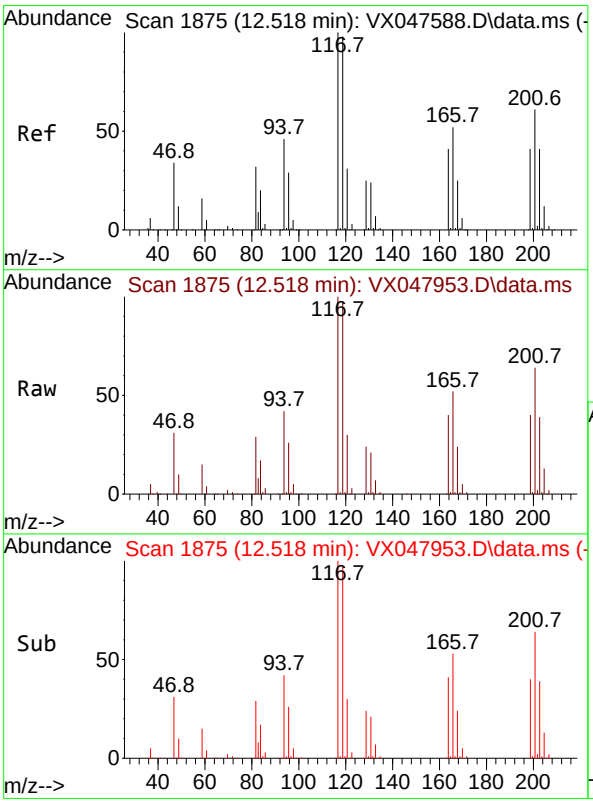
Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.6	82.7
134	24.8	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

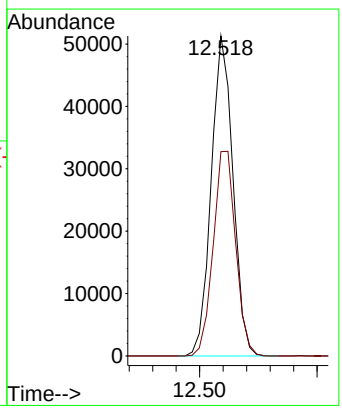
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

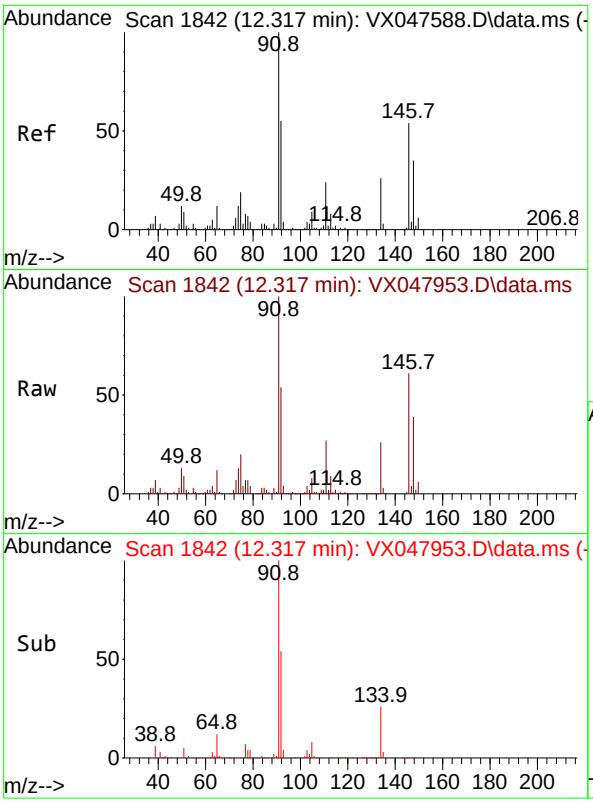


#90
Hexachloroethane
Concen: 54.176 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:117 Resp: 65906

Ion	Ratio	Lower	Upper
117	100		
201	66.4	34.2	102.5

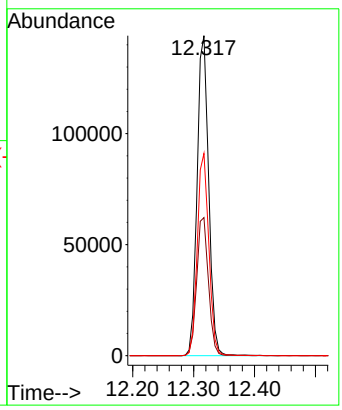




#91
1,2-Dichlorobenzene
Concen: 53.032 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:146 Resp: 18935

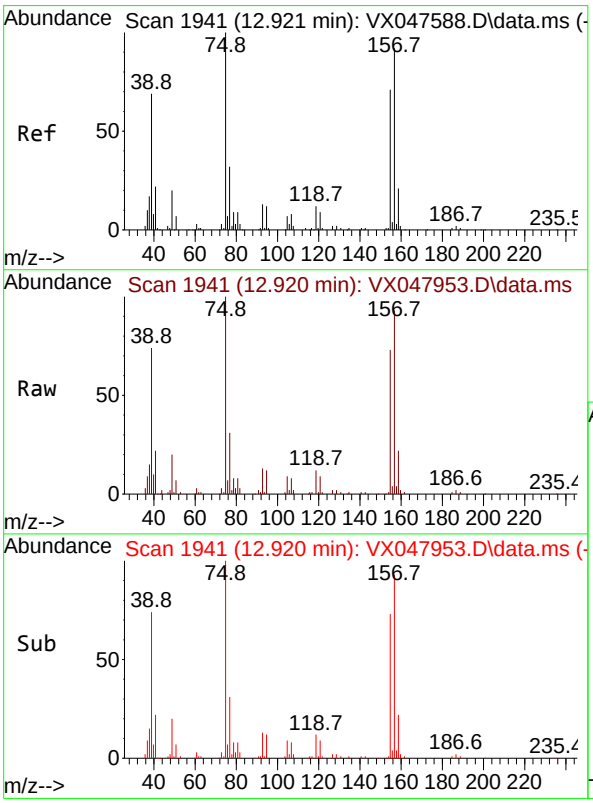
Ion	Ratio	Lower	Upper
146	100		
111	43.9	22.2	66.6
148	63.2	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

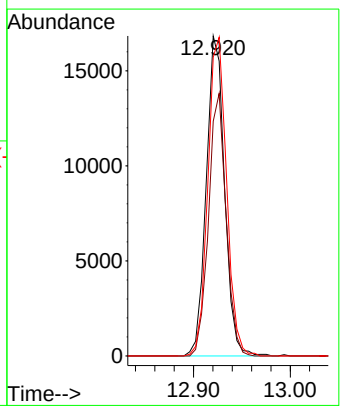
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

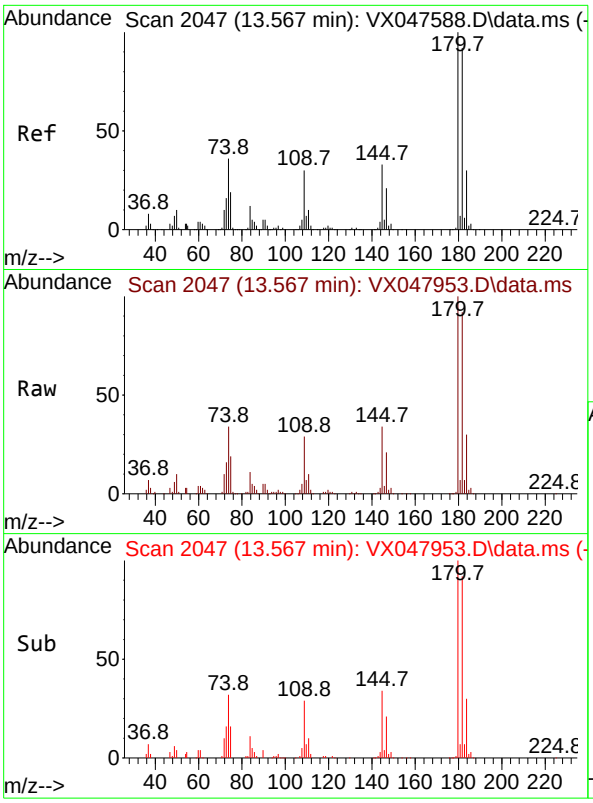


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.095 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 75 Resp: 22129

Ion	Ratio	Lower	Upper
75	100		
155	78.9	37.7	113.1
157	101.9	49.8	149.4

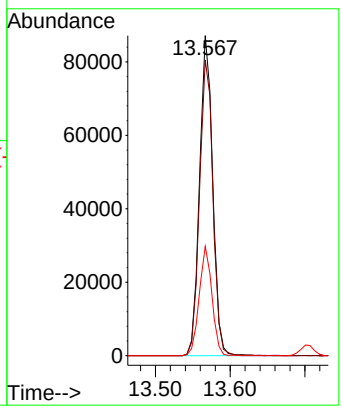




#93
1,2,4-Trichlorobenzene
Concen: 45.789 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:180 Resp: 10625

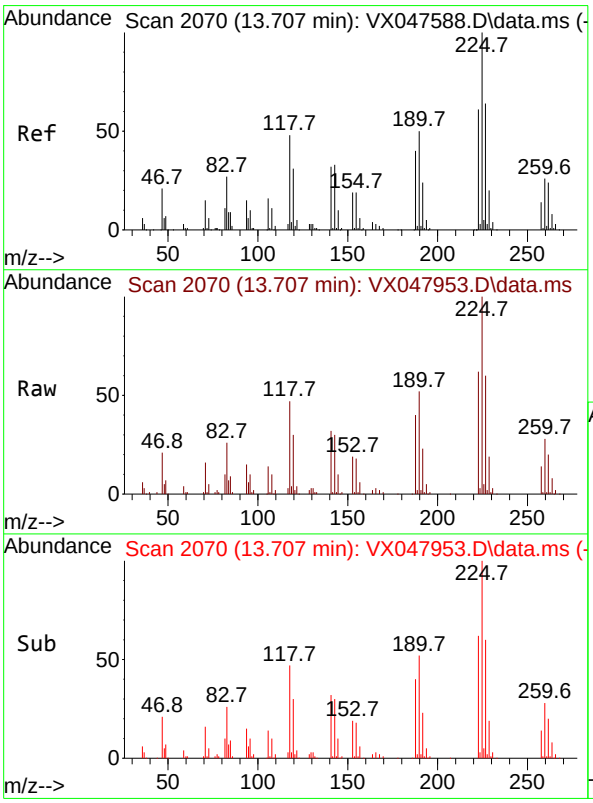
Ion	Ratio	Lower	Upper
180	100		
182	93.9	46.6	139.8
145	33.2	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

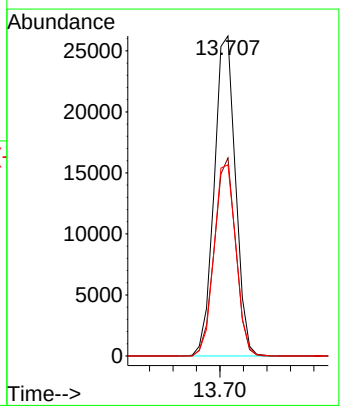
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

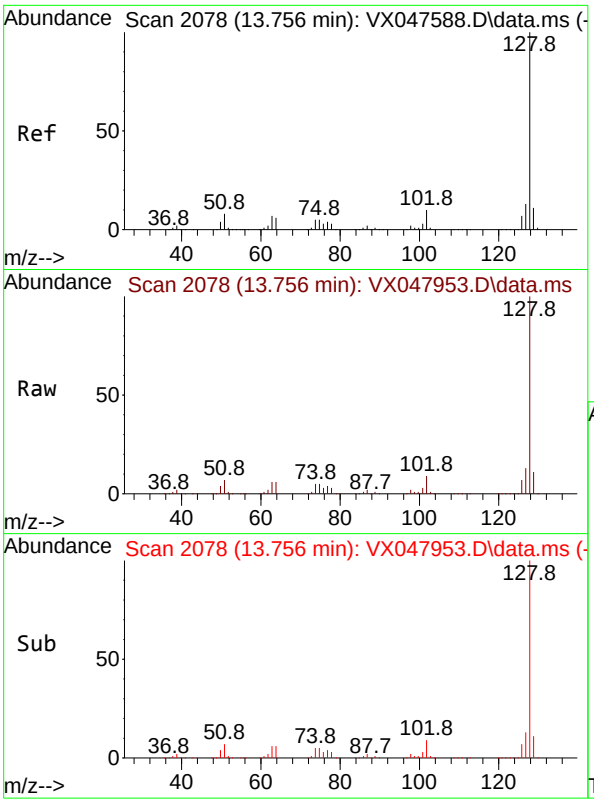


#94
Hexachlorobutadiene
Concen: 41.953 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:225 Resp: 33069

Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.7	95.1
227	61.5	32.0	96.0

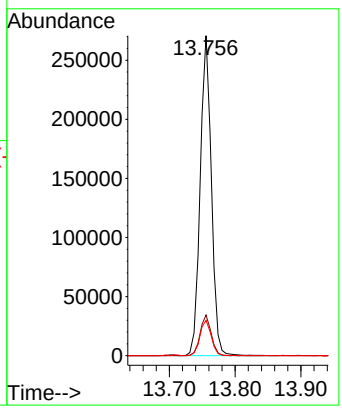




#95
Naphthalene
Concen: 45.266 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:128 Resp: 31986

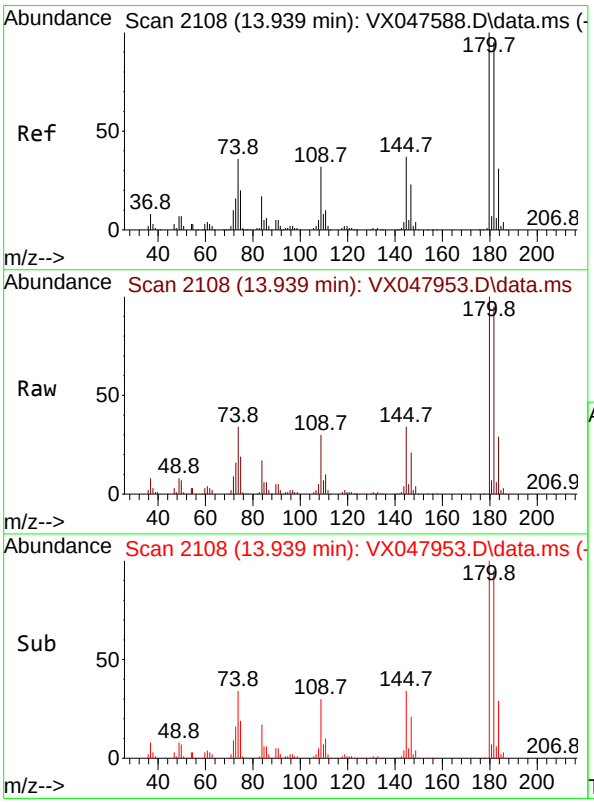
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	11.2	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

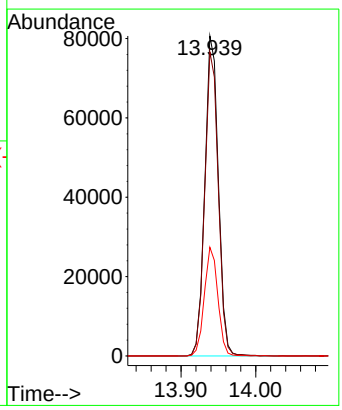
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.036 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:180 Resp: 101535

Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.6	142.8
145	33.9	17.9	53.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047953.D
Acq On : 02 Oct 2025 08:50
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 03 03:24:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	81	-0.01
2	T	Dichlorodifluoromethane	0.518	0.607	-17.2	99	0.00
3	P	Chloromethane	0.680	0.738	-8.5	91	0.00
4	C	Vinyl Chloride	0.666	0.774	-16.2#	95	0.00
5	T	Bromomethane	0.422	0.529	-25.4#	101	0.00
6	T	Chloroethane	0.445	0.513	-15.3	94	0.00
7	T	Trichlorofluoromethane	0.989	1.180	-19.3	96	0.00
8	T	Diethyl Ether	0.405	0.468	-15.6	93	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.578	0.646	-11.8	90	0.00
10	T	Methyl Iodide	0.902	0.901	0.1	80	0.00
11	T	Tert butyl alcohol	0.089	0.070	21.3	64	0.00
12	CM	1,1-Dichloroethene	0.594	0.675	-13.6#	91	0.00
13	T	Acrolein	0.082	0.071	13.4	71	0.00
14	T	Allyl chloride	1.226	1.229	-0.2	82	0.00
15	T	Acrylonitrile	0.328	0.350	-6.7	82	-0.01
16	T	Acetone	0.346	0.274	20.8	70	0.00
17	T	Carbon Disulfide	1.626	1.707	-5.0	89	0.00
18	T	Methyl Acetate	0.770	0.848	-10.1	79	0.00
19	T	Methyl tert-butyl Ether	2.169	2.401	-10.7	87	0.00
20	T	Methylene Chloride	0.732	0.839	-14.6	93	0.00
21	T	trans-1,2-Dichloroethene	0.640	0.711	-11.1	89	0.00
22	T	Diisopropyl ether	2.376	2.767	-16.5	91	-0.01
23	T	Vinyl Acetate	1.901	2.050	-7.8	84	0.00
24	P	1,1-Dichloroethane	1.263	1.477	-16.9	93	0.00
25	T	2-Butanone	0.432	0.387	10.4	72	0.00
26	T	2,2-Dichloropropane	1.050	0.646	38.5#	49#	0.00
27	T	cis-1,2-Dichloroethene	0.783	0.887	-13.3	89	0.00
28	T	Bromochloromethane	0.551	0.627	-13.8	88	-0.02
29	T	Tetrahydrofuran	0.260	0.243	6.5	72	0.00
30	C	Chloroform	1.276	1.505	-17.9#	92	0.00
31	T	Cyclohexane	1.052	1.032	1.9	81	0.00
32	T	1,1,1-Trichloroethane	1.082	1.237	-14.3	89	0.00
33	S	1,2-Dichloroethane-d4	0.796	0.847	-6.4	89	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
35	S	Dibromofluoromethane	0.335	0.369	-10.1	93	0.00
36	T	1,1-Dichloropropene	0.490	0.502	-2.4	86	-0.01
37	T	Ethyl Acetate	0.525	0.491	6.5	77	-0.02
38	T	Carbon Tetrachloride	0.532	0.571	-7.3	88	-0.01
39	T	Methylcyclohexane	0.556	0.506	9.0	74	0.00
40	TM	Benzene	1.488	1.617	-8.7	88	0.00
41	T	Methacrylonitrile	0.271	0.271	0.0	79	0.00
42	TM	1,2-Dichloroethane	0.566	0.622	-9.9	89	-0.01
43	T	Isopropyl Acetate	0.860	0.824	4.2	76	0.00
44	TM	Trichloroethene	0.360	0.385	-6.9	86	0.00
45	C	1,2-Dichloropropane	0.381	0.427	-12.1#	89	0.00
46	T	Dibromomethane	0.277	0.298	-7.6	86	0.00
47	T	Bromodichloromethane	0.572	0.652	-14.0	89	0.00
48	T	Methyl methacrylate	0.429	0.413	3.7	76	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047953.D
Acq On : 02 Oct 2025 08:50
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 03 03:24:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.004	0.005	-25.0	80	0.00
50	S	Toluene-d8	1.160	1.220	-5.2	88	0.00
51	T	4-Methyl-2-Pentanone	0.477	0.456	4.4	74	0.00
52	CM	Toluene	0.917	0.976	-6.4#	86	0.00
53	T	t-1,3-Dichloropropene	0.584	0.570	2.4	76	0.00
54	T	cis-1,3-Dichloropropene	0.624	0.626	-0.3	80	0.00
55	T	1,1,2-Trichloroethane	0.354	0.383	-8.2	87	0.00
56	T	Ethyl methacrylate	0.555	0.562	-1.3	78	0.00
57	T	1,3-Dichloropropane	0.607	0.666	-9.7	87	0.00
58	T	2-Chloroethyl Vinyl ether	0.227	0.298	-31.3#	91	0.00
59	T	2-Hexanone	0.343	0.298	13.1	69	0.00
60	T	Dibromochloromethane	0.407	0.471	-15.7	90	0.00
61	T	1,2-Dibromoethane	0.360	0.384	-6.7	84	0.00
62	S	4-Bromofluorobenzene	0.440	0.443	-0.7	86	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64	T	Tetrachloroethene	0.326	0.351	-7.7	90	0.00
65	PM	Chlorobenzene	1.136	1.219	-7.3	87	0.00
66	T	1,1,1,2-Tetrachloroethane	0.392	0.443	-13.0	90	0.00
67	C	Ethyl Benzene	1.960	2.066	-5.4#	85	0.00
68	T	m/p-Xylenes	0.729	0.771	-5.8	85	0.00
69	T	o-Xylene	0.706	0.750	-6.2	84	0.00
70	T	Styrene	1.236	1.323	-7.0	86	0.00
71	P	Bromoform	0.293	0.312	-6.5	84	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	84	0.00
73	T	Isopropylbenzene	3.801	3.997	-5.2	83	0.00
74	T	N-amyl acetate	1.733	1.644	5.1	75	0.00
75	P	1,1,2,2-Tetrachloroethane	1.150	1.175	-2.2	81	0.00
76	T	1,2,3-Trichloropropane	1.012	0.926	8.5	69	0.00
77	T	Bromobenzene	0.936	1.018	-8.8	87	0.00
78	T	n-propylbenzene	4.494	4.657	-3.6	82	0.00
79	T	2-Chlorotoluene	2.752	2.887	-4.9	84	0.00
80	T	1,3,5-Trimethylbenzene	3.123	3.266	-4.6	82	0.00
81	T	trans-1,4-Dichloro-2-butene	0.397	0.301	24.2	61	0.00
82	T	4-Chlorotoluene	3.251	3.387	-4.2	83	0.00
83	T	tert-Butylbenzene	3.197	3.190	0.2	80	0.00
84	T	1,2,4-Trimethylbenzene	3.166	3.275	-3.4	83	0.00
85	T	sec-Butylbenzene	3.797	3.789	0.2	79	0.00
86	T	p-Isopropyltoluene	3.215	3.160	1.7	78	0.00
87	T	1,3-Dichlorobenzene	1.739	1.803	-3.7	84	0.00
88	T	1,4-Dichlorobenzene	1.785	1.819	-1.9	84	0.00
89	T	n-Butylbenzene	2.975	2.792	6.2	75	0.00
90	T	Hexachloroethane	0.564	0.612	-8.5	87	0.00
91	T	1,2-Dichlorobenzene	1.657	1.757	-6.0	85	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.233	0.205	12.0	68	0.00
93	T	1,2,4-Trichlorobenzene	1.077	0.986	8.4	72	0.00
94	T	Hexachlorobutadiene	0.366	0.307	16.1	67	0.00
95	T	Naphthalene	3.279	2.968	9.5	71	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047953.D
Acq On : 02 Oct 2025 08:50
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 03 03:24:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.002	0.942	6.0	73	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047953.D
Acq On : 02 Oct 2025 08:50
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 03 03:24:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	81	-0.01
2	T	Dichlorodifluoromethane	50.000	58.653	-17.3	99	0.00
3	P	Chloromethane	50.000	54.222	-8.4	91	0.00
4	C	Vinyl Chloride	50.000	58.062	-16.1#	95	0.00
5	T	Bromomethane	50.000	62.632	-25.3#	101	0.00
6	T	Chloroethane	50.000	57.559	-15.1	94	0.00
7	T	Trichlorofluoromethane	50.000	59.639	-19.3	96	0.00
8	T	Diethyl Ether	50.000	57.841	-15.7	93	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	55.859	-11.7	90	0.00
10	T	Methyl Iodide	50.000	49.948	0.1	80	0.00
11	T	Tert butyl alcohol	250.000	198.659	20.5	64	0.00
12	CM	1,1-Dichloroethene	50.000	56.796	-13.6#	91	0.00
13	T	Acrolein	250.000	217.044	13.2	71	0.00
14	T	Allyl chloride	50.000	50.112	-0.2	82	0.00
15	T	Acrylonitrile	250.000	266.451	-6.6	82	-0.01
16	T	Acetone	250.000	198.289	20.7	70	0.00
17	T	Carbon Disulfide	50.000	52.470	-4.9	89	0.00
18	T	Methyl Acetate	50.000	55.035	-10.1	79	0.00
19	T	Methyl tert-butyl Ether	50.000	55.352	-10.7	87	0.00
20	T	Methylene Chloride	50.000	57.289	-14.6	93	0.00
21	T	trans-1,2-Dichloroethene	50.000	55.614	-11.2	89	0.00
22	T	Diisopropyl ether	50.000	58.236	-16.5	91	-0.01
23	T	Vinyl Acetate	250.000	269.534	-7.8	84	0.00
24	P	1,1-Dichloroethane	50.000	58.478	-17.0	93	0.00
25	T	2-Butanone	250.000	224.064	10.4	72	0.00
26	T	2,2-Dichloropropane	50.000	30.778	38.4#	49	0.00
27	T	cis-1,2-Dichloroethene	50.000	56.636	-13.3	89	0.00
28	T	Bromochloromethane	50.000	56.862	-13.7	88	-0.02
29	T	Tetrahydrofuran	250.000	233.893	6.4	72	0.00
30	C	Chloroform	50.000	58.969	-17.9#	92	0.00
31	T	Cyclohexane	50.000	49.071	1.9	81	0.00
32	T	1,1,1-Trichloroethane	50.000	57.151	-14.3	89	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.236	-6.5	89	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.00
35	S	Dibromofluoromethane	50.000	55.086	-10.2	93	0.00
36	T	1,1-Dichloropropene	50.000	51.239	-2.5	86	-0.01
37	T	Ethyl Acetate	50.000	46.832	6.3	77	-0.02
38	T	Carbon Tetrachloride	50.000	53.661	-7.3	88	-0.01
39	T	Methylcyclohexane	50.000	45.491	9.0	74	0.00
40	TM	Benzene	50.000	54.319	-8.6	88	0.00
41	T	Methacrylonitrile	50.000	49.975	0.0	79	0.00
42	TM	1,2-Dichloroethane	50.000	54.885	-9.8	89	-0.01
43	T	Isopropyl Acetate	50.000	47.901	4.2	76	0.00
44	TM	Trichloroethene	50.000	53.448	-6.9	86	0.00
45	C	1,2-Dichloropropane	50.000	56.048	-12.1#	89	0.00
46	T	Dibromomethane	50.000	53.694	-7.4	86	0.00
47	T	Bromodichloromethane	50.000	56.967	-13.9	89	0.00
48	T	Methyl methacrylate	50.000	48.168	3.7	76	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047953.D
Acq On : 02 Oct 2025 08:50
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 03 03:24:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1069.039	-6.9	80	0.00
50	S	Toluene-d8	50.000	52.554	-5.1	88	0.00
51	T	4-Methyl-2-Pentanone	250.000	238.909	4.4	74	0.00
52	CM	Toluene	50.000	53.226	-6.5#	86	0.00
53	T	t-1,3-Dichloropropene	50.000	48.842	2.3	76	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.207	-0.4	80	0.00
55	T	1,1,2-Trichloroethane	50.000	54.156	-8.3	87	0.00
56	T	Ethyl methacrylate	50.000	50.622	-1.2	78	0.00
57	T	1,3-Dichloropropane	50.000	54.794	-9.6	87	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	278.455	-11.4	91	0.00
59	T	2-Hexanone	250.000	217.702	12.9	69	0.00
60	T	Dibromochloromethane	50.000	57.824	-15.6	90	0.00
61	T	1,2-Dibromoethane	50.000	53.348	-6.7	84	0.00
62	S	4-Bromofluorobenzene	50.000	50.274	-0.5	86	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64	T	Tetrachloroethene	50.000	53.794	-7.6	90	0.00
65	PM	Chlorobenzene	50.000	53.662	-7.3	87	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.517	-13.0	90	0.00
67	C	Ethyl Benzene	50.000	52.719	-5.4#	85	0.00
68	T	m/p-Xylenes	100.000	105.651	-5.7	85	0.00
69	T	o-Xylene	50.000	53.115	-6.2	84	0.00
70	T	Styrene	50.000	53.486	-7.0	86	0.00
71	P	Bromoform	50.000	53.345	-6.7	84	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	84	0.00
73	T	Isopropylbenzene	50.000	52.569	-5.1	83	0.00
74	T	N-amyl acetate	50.000	47.430	5.1	75	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.074	-2.1	81	0.00
76	T	1,2,3-Trichloropropane	50.000	45.755	8.5	69	0.00
77	T	Bromobenzene	50.000	54.392	-8.8	87	0.00
78	T	n-propylbenzene	50.000	51.816	-3.6	82	0.00
79	T	2-Chlorotoluene	50.000	52.454	-4.9	84	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.286	-4.6	82	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	37.937	24.1	61	0.00
82	T	4-Chlorotoluene	50.000	52.094	-4.2	83	0.00
83	T	tert-Butylbenzene	50.000	49.895	0.2	80	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.715	-3.4	83	0.00
85	T	sec-Butylbenzene	50.000	49.888	0.2	79	0.00
86	T	p-Isopropyltoluene	50.000	49.149	1.7	78	0.00
87	T	1,3-Dichlorobenzene	50.000	51.850	-3.7	84	0.00
88	T	1,4-Dichlorobenzene	50.000	50.959	-1.9	84	0.00
89	T	n-Butylbenzene	50.000	46.931	6.1	75	0.00
90	T	Hexachloroethane	50.000	54.176	-8.4	87	0.00
91	T	1,2-Dichlorobenzene	50.000	53.032	-6.1	85	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.095	11.8	68	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.789	8.4	72	0.00
94	T	Hexachlorobutadiene	50.000	41.953	16.1	67	0.00
95	T	Naphthalene	50.000	45.266	9.5	71	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047953.D
Acq On : 02 Oct 2025 08:50
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 03 03:24:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.036	5.9	73	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.: Q3246
Instrument ID: MSVOA_X
Calibration Date/Time: 10/02/2025 18:58
Lab File ID: VX047979.D
Init. Calib. Date(s): 09/16/2025 09/16/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:23 12:01
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.504		-2.7	50
Chloromethane	0.680	0.565	0.1	-16.91	50
Vinyl Chloride	0.666	0.606		-9.01	50
Bromomethane	0.422	0.397		-5.92	50
Chloroethane	0.445	0.403		-9.44	50
Trichlorofluoromethane	0.989	0.943		-4.65	50
1,1,2-Trichlorotrifluoroethane	0.578	0.576		-0.35	50
1,1-Dichloroethene	0.594	0.555		-6.57	50
Acetone	0.346	0.233		-32.66	50
Carbon Disulfide	1.626	1.369		-15.81	50
Methyl tert-butyl Ether	2.169	1.936		-10.74	50
Methyl Acetate	0.770	0.739		-4.03	50
Methylene Chloride	0.732	0.653		-10.79	50
trans-1,2-Dichloroethene	0.640	0.580		-9.38	50
1,1-Dichloroethane	1.263	1.188	0.1	-5.94	50
Cyclohexane	1.052	0.923		-12.26	50
2-Butanone	0.432	0.356		-17.59	50
Carbon Tetrachloride	0.532	0.512		-3.76	50
cis-1,2-Dichloroethene	0.783	0.717		-8.43	50
Bromochloromethane	0.551	0.552		0.18	50
Chloroform	1.276	1.229		-3.68	50
1,1,1-Trichloroethane	1.082	1.053		-2.68	50
Methylcyclohexane	0.556	0.527		-5.22	50
Benzene	1.488	1.435		-3.56	50
1,2-Dichloroethane	0.566	0.530		-6.36	50
Trichloroethene	0.360	0.351		-2.5	50
1,2-Dichloropropane	0.381	0.380		-0.26	50
Bromodichloromethane	0.572	0.568		-0.7	50
4-Methyl-2-Pentanone	0.477	0.455		-4.61	50
Toluene	0.917	0.896		-2.29	50
t-1,3-Dichloropropene	0.584	0.560		-4.11	50
cis-1,3-Dichloropropene	0.624	0.603		-3.37	50
1,1,2-Trichloroethane	0.354	0.355		0.28	50
2-Hexanone	0.343	0.312		-9.04	50
Dibromochloromethane	0.407	0.417		2.46	50
1,2-Dibromoethane	0.360	0.365		1.39	50
Tetrachloroethene	0.326	0.310		-4.91	50
Chlorobenzene	1.136	1.099	0.3	-3.26	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: TETR06
Lab Code: ACE
SDG No.: Q3246
Instrument ID: MSVOA_X
Calibration Date/Time: 10/02/2025 18:58
Lab File ID: VX047979.D
Init. Calib. Date(s): 09/16/2025 09/16/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:23 12:01
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.960	1.899		-3.11	50
m/p-Xylenes	0.729	0.712		-2.33	50
o-Xylene	0.706	0.685		-2.97	50
Styrene	1.236	1.215		-1.7	50
Bromoform	0.293	0.285	0.1	-2.73	50
Isopropylbenzene	3.801	3.548		-6.66	50
1,1,2,2-Tetrachloroethane	1.150	1.078	0.3	-6.26	50
1,3-Dichlorobenzene	1.739	1.605		-7.71	50
1,4-Dichlorobenzene	1.785	1.628		-8.8	50
1,2-Dichlorobenzene	1.657	1.520		-8.27	50
1,2-Dibromo-3-Chloropropane	0.233	0.198		-15.02	50
1,2,4-Trichlorobenzene	1.077	0.969		-10.03	50
1,2,3-Trichlorobenzene	1.002	0.923		-7.88	50
1,2-Dichloroethane-d4	0.796	0.736		-7.54	50
Dibromofluoromethane	0.335	0.338		0.9	50
Toluene-d8	1.160	1.196		3.1	50
4-Bromofluorobenzene	0.440	0.452		2.73	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\VX100225\
Data File : VX047979.D
Acq On : 02 Oct 2025 18:58
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 03 03:37:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	136721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	233908	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	213849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	108599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	100583	46.218	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 92.440%			
35) Dibromofluoromethane	5.373	113	78978	50.346	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.700%			
50) Toluene-d8	8.635	98	279825	51.552	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.100%			
62) 4-Bromofluorobenzene	11.061	95	105788	51.352	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	68971	48.716	ug/l	98
3) Chloromethane	1.300	50	77303	41.545	ug/l	99
4) Vinyl Chloride	1.380	62	82870	45.497	ug/l	99
5) Bromomethane	1.617	94	54253	46.973	ug/l	96
6) Chloroethane	1.697	64	55041	45.213	ug/l	99
7) Trichlorofluoromethane	1.898	101	128960	47.684	ug/l	99
8) Diethyl Ether	2.136	74	48689	44.011	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	78711	49.774	ug/l	98
10) Methyl Iodide	2.459	142	102210	41.443	ug/l	98
11) Tert butyl alcohol	2.940	59	46396	191.421	ug/l	98
12) 1,1-Dichloroethene	2.325	96	75868	46.706	ug/l	96
13) Acrolein	2.239	56	43068	192.824	ug/l	100
14) Allyl chloride	2.666	41	142327	42.461	ug/l	97
15) Acrylonitrile	3.062	53	207178	230.767	ug/l	99
16) Acetone	2.373	43	159278	168.327	ug/l	99
17) Carbon Disulfide	2.520	76	187221	42.101	ug/l	100
18) Methyl Acetate	2.703	43	101054	47.987	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	264663	44.633	ug/l	97
20) Methylene Chloride	2.788	84	89302	44.585	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	79233	45.306	ug/l	99
22) Diisopropyl ether	3.751	45	300215	46.214	ug/l	87
23) Vinyl Acetate	3.715	43	1170077	225.049	ug/l	100
24) 1,1-Dichloroethane	3.605	63	162449	47.048	ug/l	98
25) 2-Butanone	4.544	43	243272	206.107	ug/l	97
26) 2,2-Dichloropropane	4.471	77	120419	41.955	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	97974	45.745	ug/l	99
28) Bromochloromethane	4.891	49	75472	50.068	ug/l	99
29) Tetrahydrofuran	4.989	42	152778	215.165	ug/l	99
30) Chloroform	5.086	83	168009	48.152	ug/l	99
31) Cyclohexane	5.464	56	126237	43.897	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	143969	48.646	ug/l	100
36) 1,1-Dichloropropene	5.684	75	106040	46.260	ug/l	98
37) Ethyl Acetate	4.702	43	105411	42.948	ug/l	99
38) Carbon Tetrachloride	5.666	117	119762	48.086	ug/l	95
39) Methylcyclohexane	7.366	83	123339	47.401	ug/l	98
40) Benzene	6.025	78	335594	48.202	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047979.D
Acq On : 02 Oct 2025 18:58
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 03 03:37:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.903	41	59657	47.082 ug/l		99
42) 1,2-Dichloroethane	6.074	62	124053	46.830 ug/l		99
43) Isopropyl Acetate	6.324	43	182039	45.224 ug/l		99
44) Trichloroethene	7.116	130	82160	48.812 ug/l		95
45) 1,2-Dichloropropane	7.415	63	88995	49.920 ug/l		99
46) Dibromomethane	7.568	93	62258	47.990 ug/l		97
47) Bromodichloromethane	7.805	83	132779	49.599 ug/l		99
48) Methyl methacrylate	7.677	41	91793	45.781 ug/l		98
49) 1,4-Dioxane	7.647	88	19085	941.858 ug/l		96
51) 4-Methyl-2-Pentanone	8.561	43	532643	238.660 ug/l		100
52) Toluene	8.708	92	209586	48.861 ug/l		99
53) t-1,3-Dichloropropene	8.964	75	130969	47.963 ug/l		98
54) cis-1,3-Dichloropropene	8.354	75	140958	48.296 ug/l		100
55) 1,1,2-Trichloroethane	9.134	97	83102	50.244 ug/l		99
56) Ethyl methacrylate	9.104	69	125862	48.455 ug/l		97
57) 1,3-Dichloropropane	9.293	76	143780	50.605 ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	330970	265.571 ug/l		100
59) 2-Hexanone	9.415	43	364535	227.424 ug/l		99
60) Dibromochloromethane	9.506	129	97603	51.215 ug/l		100
61) 1,2-Dibromoethane	9.592	107	85338	50.656 ug/l		100
64) Tetrachloroethene	9.256	164	66378	47.615 ug/l		97
65) Chlorobenzene	10.061	112	234948	48.361 ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.146	131	82624	49.285 ug/l		98
67) Ethyl Benzene	10.177	91	406171	48.454 ug/l		100
68) m/p-Xylenes	10.287	106	304598	97.626 ug/l		100
69) o-Xylene	10.628	106	146407	48.514 ug/l		100
70) Styrene	10.640	104	259892	49.149 ug/l		99
71) Bromoform	10.780	173	61019	48.745 ug/l	#	99
73) Isopropylbenzene	10.945	105	385293	46.666 ug/l		100
74) N-amyl acetate	10.829	43	158457	42.086 ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.195	83	117113	46.883 ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	101116m	45.987 ug/l		
77) Bromobenzene	11.183	156	92476	45.476 ug/l		97
78) n-propylbenzene	11.286	91	457681	46.893 ug/l		99
79) 2-Chlorotoluene	11.347	91	275680	46.117 ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	317038	46.738 ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	34969	40.557 ug/l		99
82) 4-Chlorotoluene	11.439	91	323303	45.793 ug/l		99
83) tert-Butylbenzene	11.695	119	323550	46.594 ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	321278	46.716 ug/l		99
85) sec-Butylbenzene	11.872	105	391915	47.516 ug/l		100
86) p-Isopropyltoluene	11.994	119	328364	47.025 ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	174319	46.152 ug/l		98
88) 1,4-Dichlorobenzene	12.024	146	176848	45.620 ug/l		100
89) n-Butylbenzene	12.317	91	310704	48.088 ug/l		98
90) Hexachloroethane	12.518	117	59279	48.353 ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	165086	45.878 ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	21529	42.569 ug/l		96
93) 1,2,4-Trichlorobenzene	13.567	180	105197	44.982 ug/l		98
94) Hexachlorobutadiene	13.707	225	37227	46.864 ug/l		99
95) Naphthalene	13.756	128	316402	44.430 ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	100255	46.085 ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047979.D
Acq On : 02 Oct 2025 18:58
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 03 03:37:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

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

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

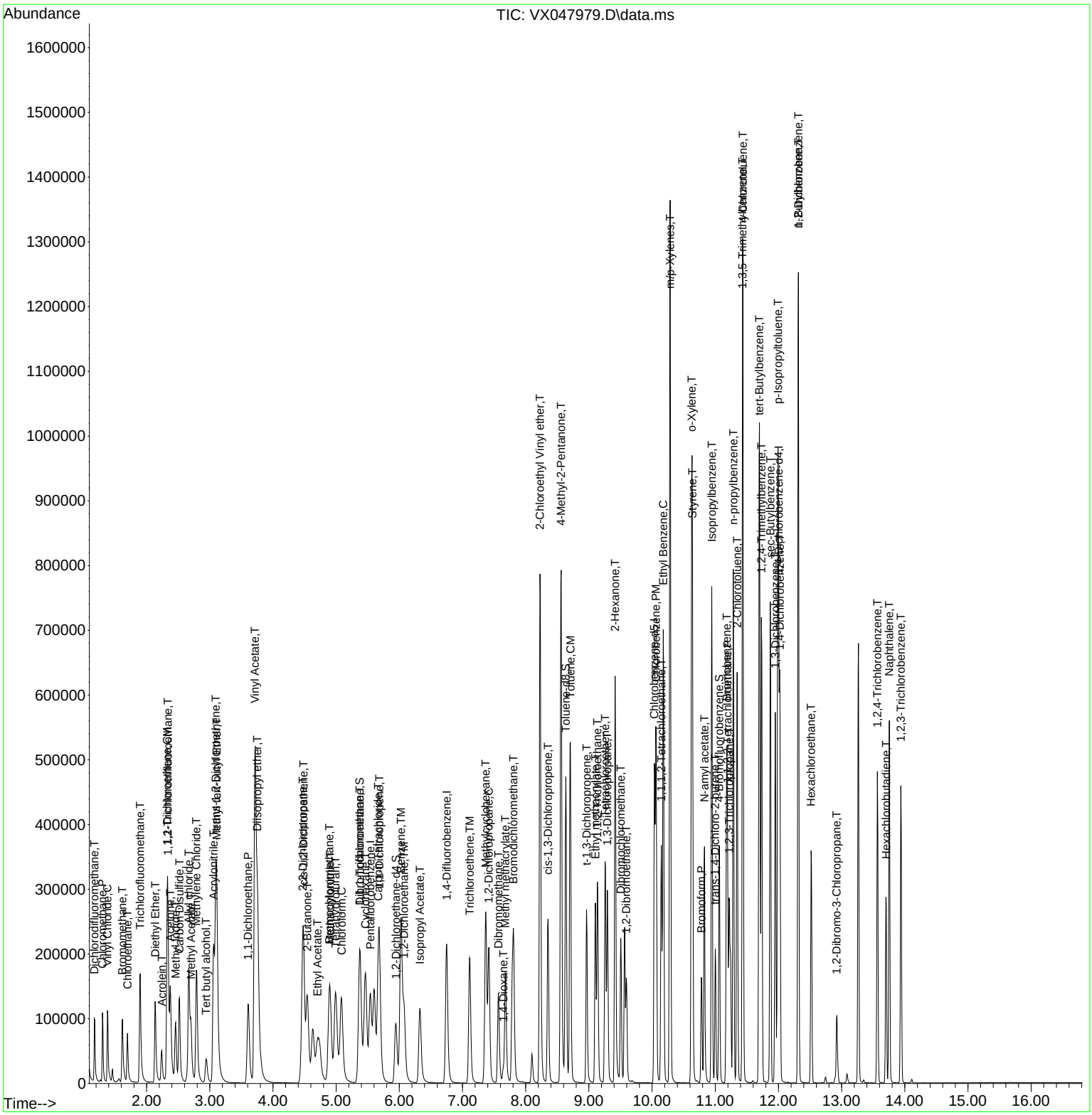
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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

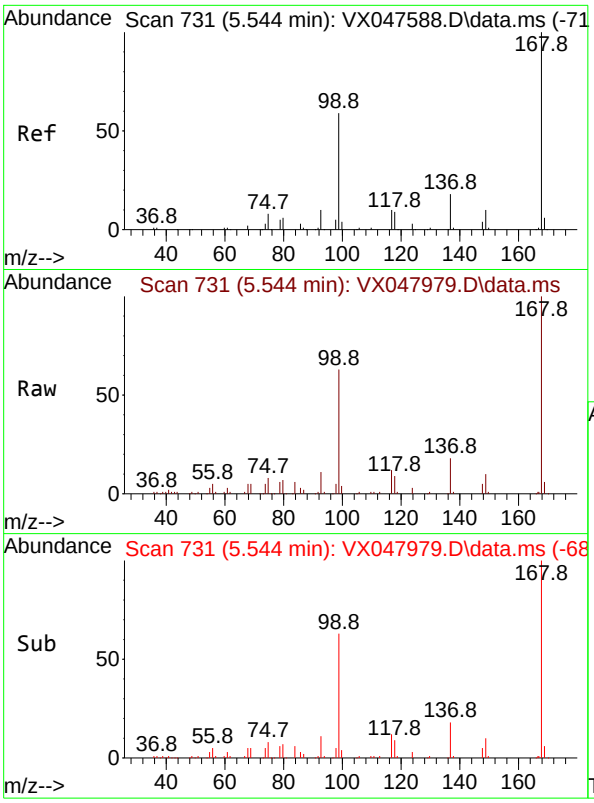
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Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 10/03/2025
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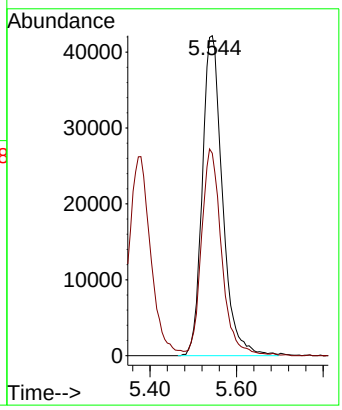




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:168 Resp: 13672

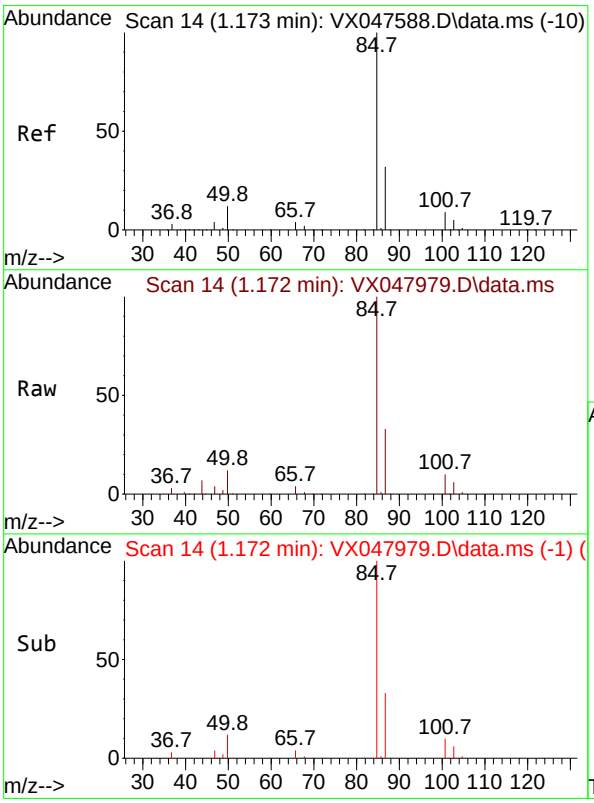
Ion	Ratio	Lower	Upper
168	100		
99	63.0	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

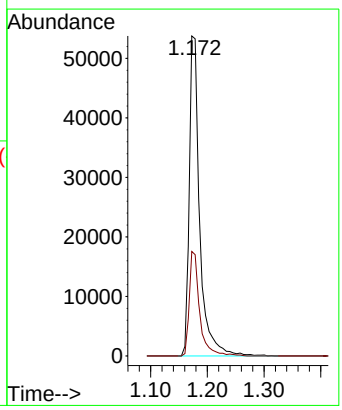
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

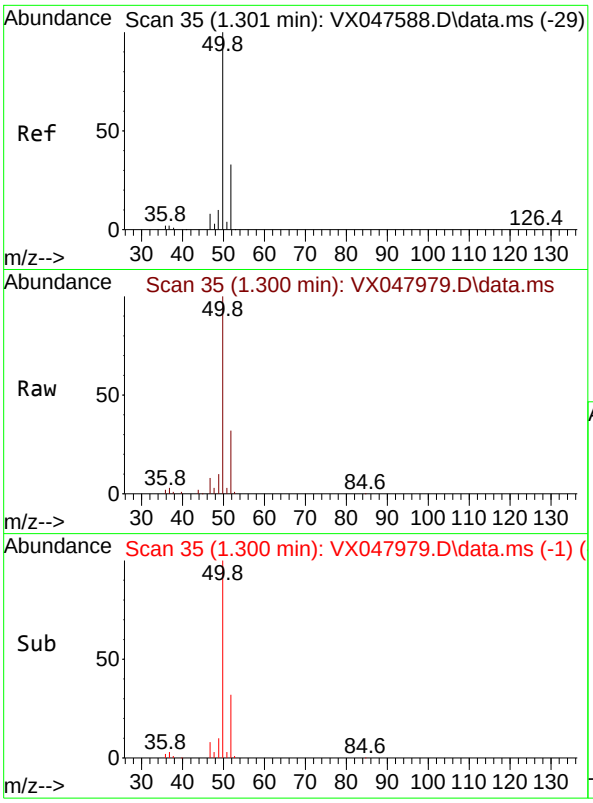


#2
Dichlorodifluoromethane
Concen: 48.716 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 85 Resp: 68971

Ion	Ratio	Lower	Upper
85	100		
87	32.7	15.8	47.3

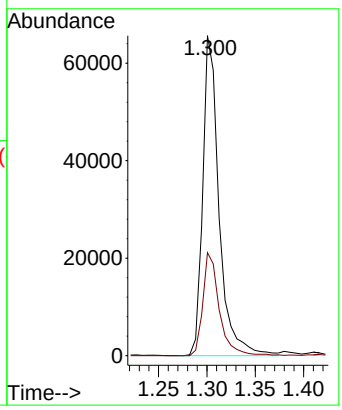




#3
Chloromethane
Concen: 41.545 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 50 Resp: 7730

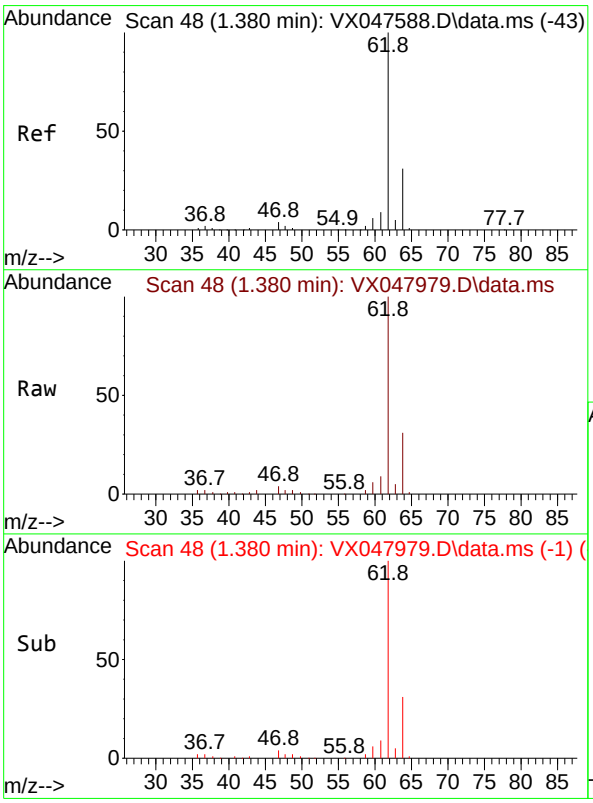
Ion	Ratio	Lower	Upper
50	100		
52	32.2	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

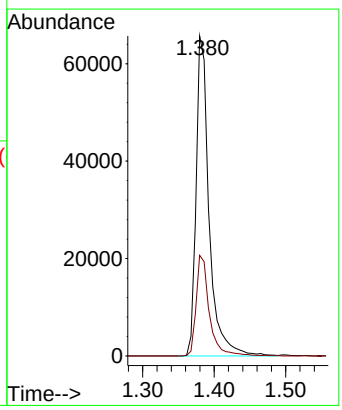
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

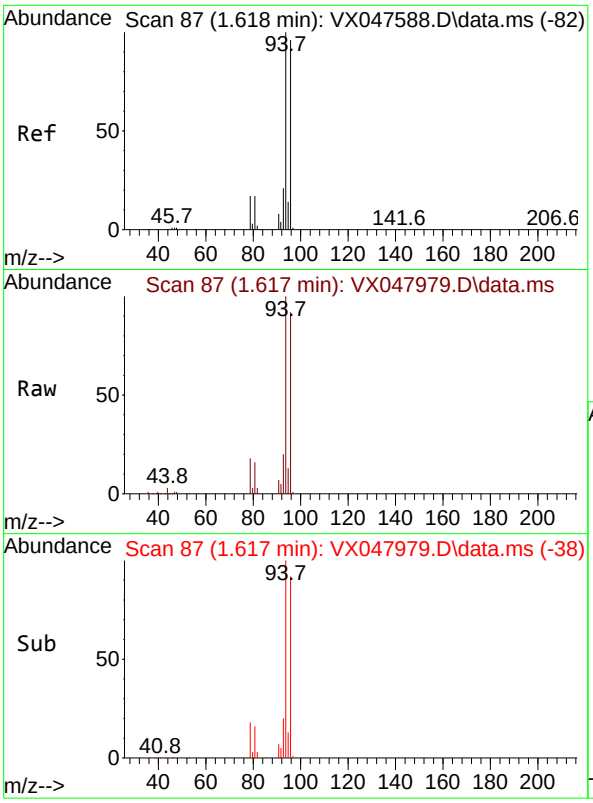


#4
Vinyl Chloride
Concen: 45.497 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 62 Resp: 82870

Ion	Ratio	Lower	Upper
62	100		
64	31.5	24.9	37.3

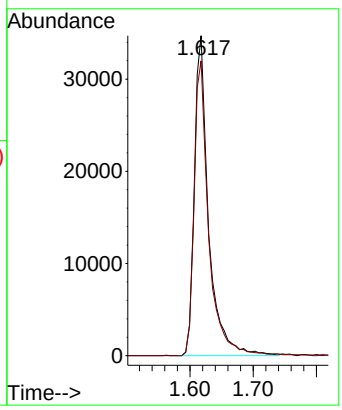




#5
Bromomethane
Concen: 46.973 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 94 Resp: 5425

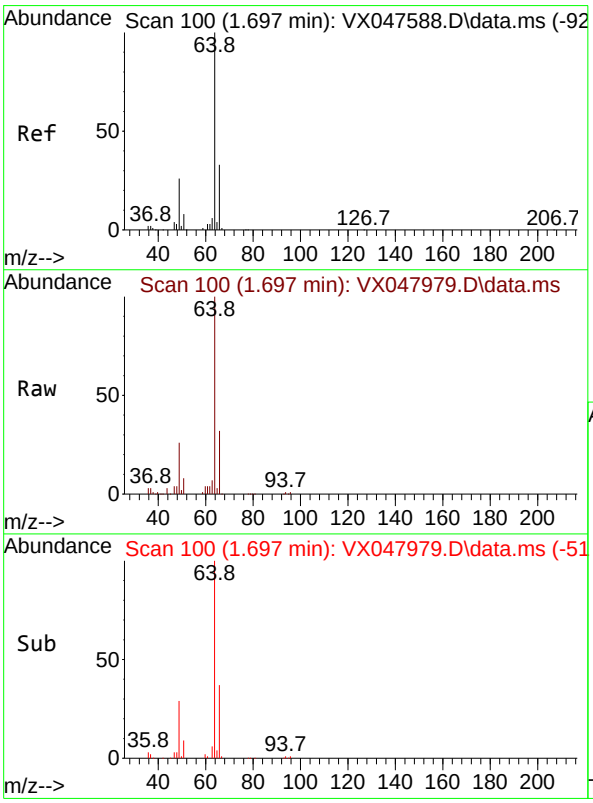
Ion	Ratio	Lower	Upper
94	100		
96	92.1	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

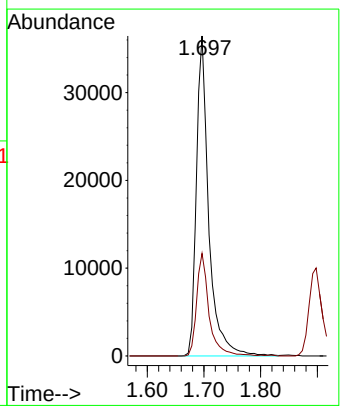
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

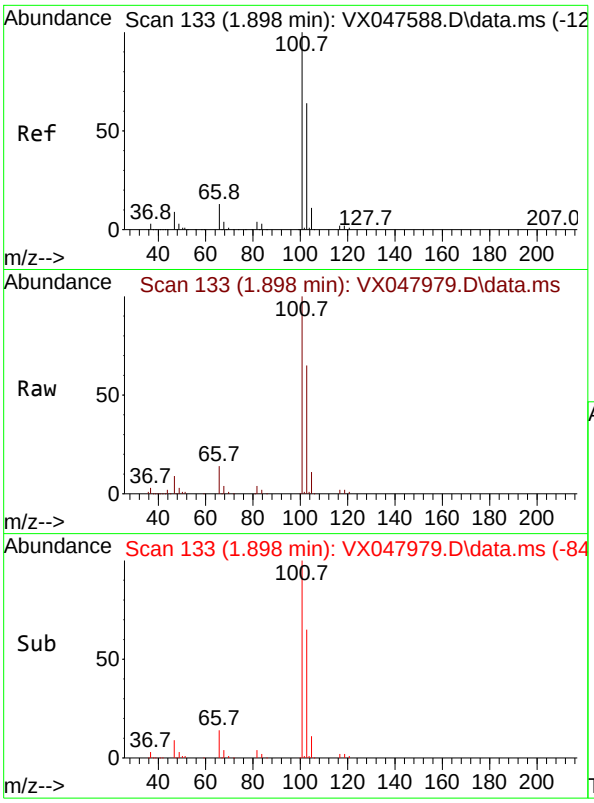


#6
Chloroethane
Concen: 45.213 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 64 Resp: 55041

Ion	Ratio	Lower	Upper
64	100		
66	32.0	26.1	39.1

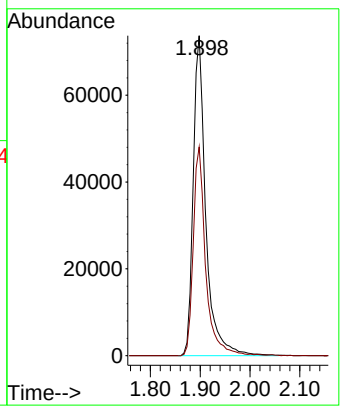




#7
Trichlorofluoromethane
Concen: 47.684 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:101 Resp: 12896

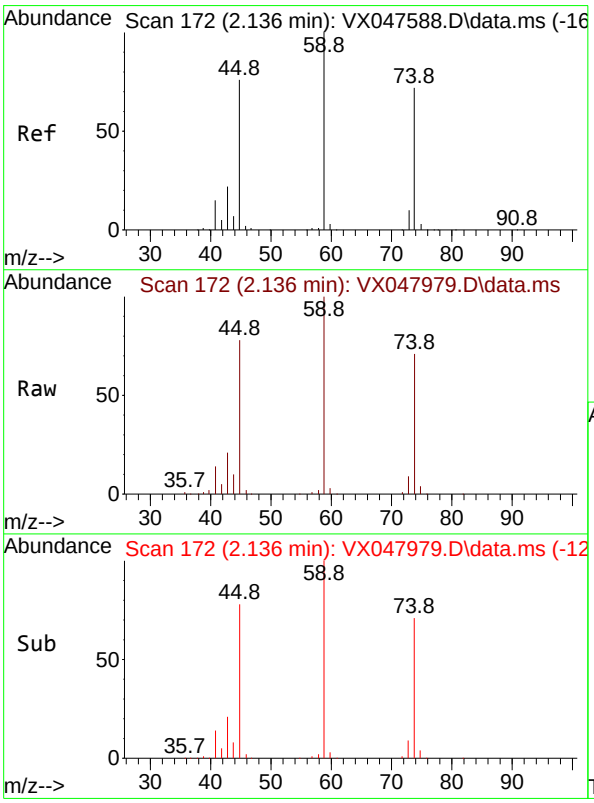
Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

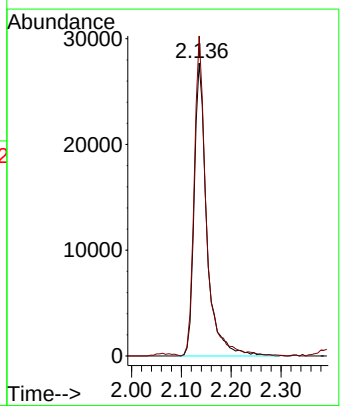
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

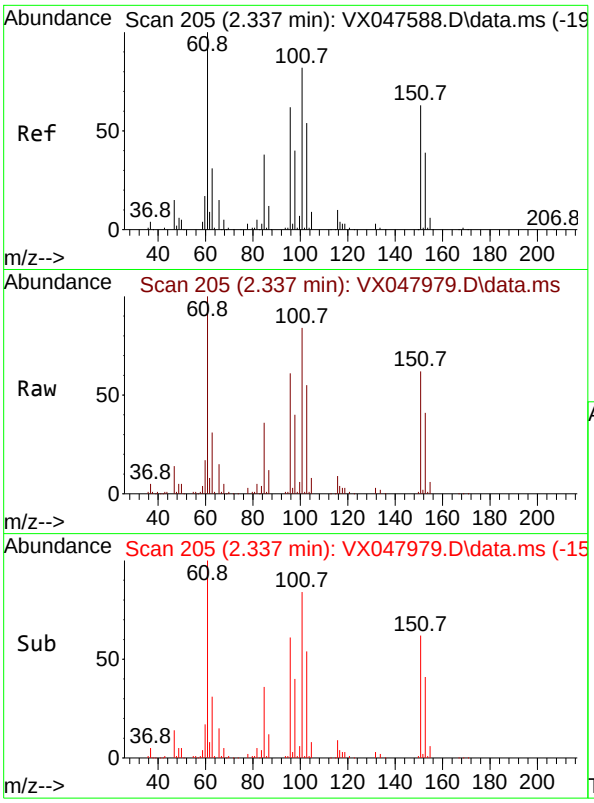


#8
Diethyl Ether
Concen: 44.011 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 74 Resp: 48689

Ion	Ratio	Lower	Upper
74	100		
45	106.0	52.3	156.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.774 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

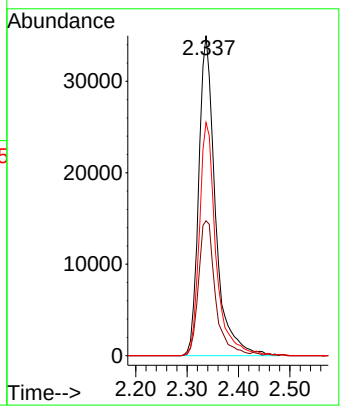
Tgt Ion:101 Resp: 7871

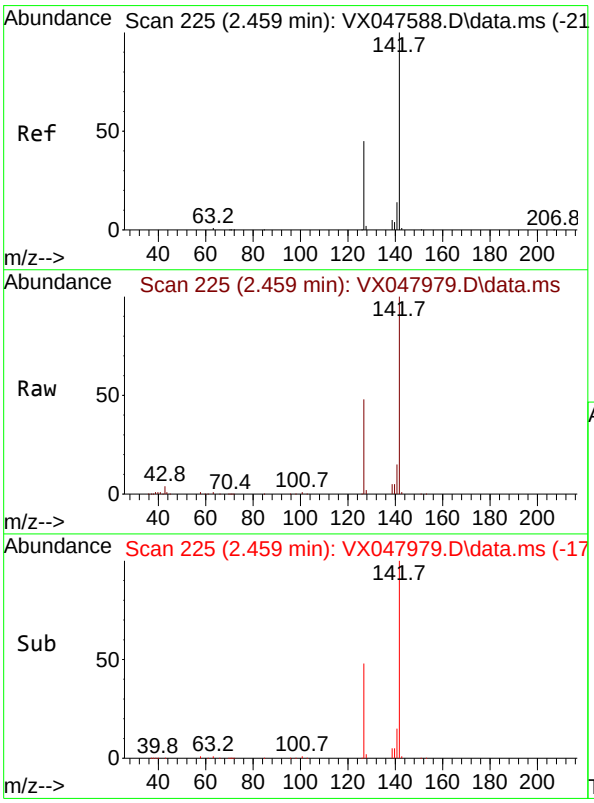
Ion	Ratio	Lower	Upper
101	100		
85	42.9	35.5	53.3
151	72.7	59.4	89.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

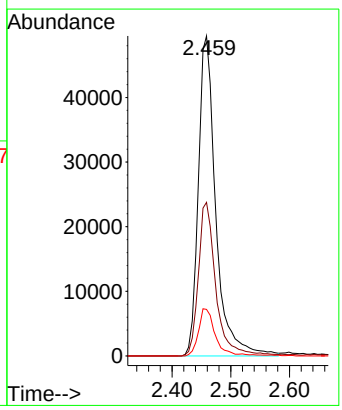


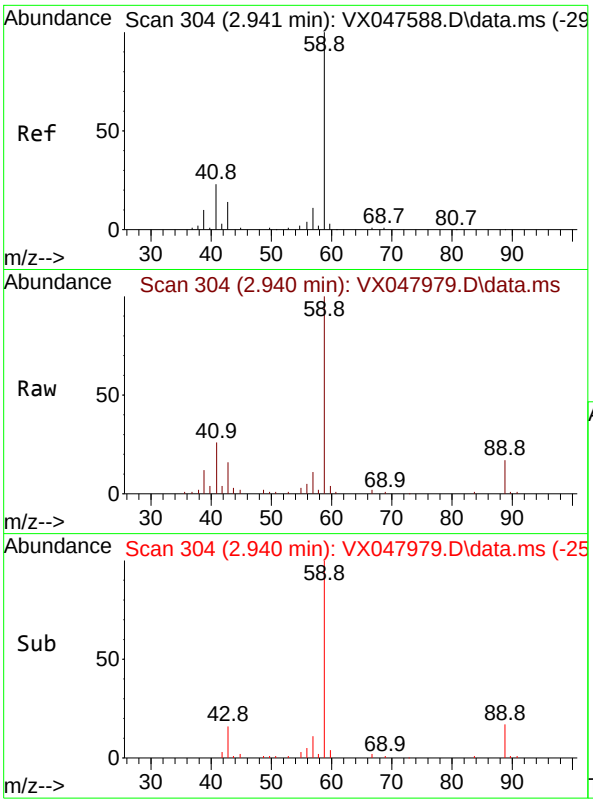


#10
Methyl Iodide
Concen: 41.443 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:142 Resp: 102210

Ion	Ratio	Lower	Upper
142	100		
127	48.1	37.2	55.8
141	14.3	11.4	17.0





#11
Tert butyl alcohol
Concen: 191.421 ug/l
RT: 2.940 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

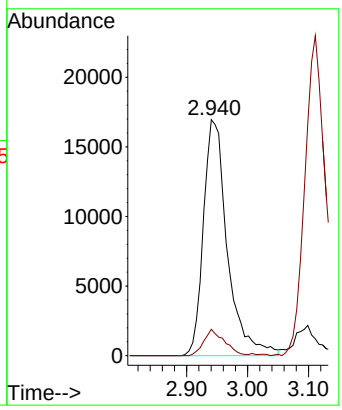
Tgt Ion: 59 Resp: 4639

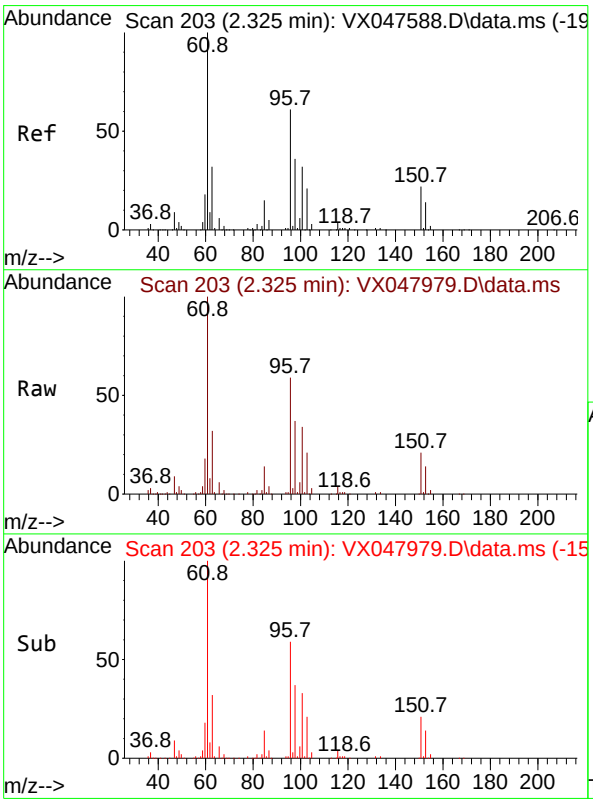
Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.3	12.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

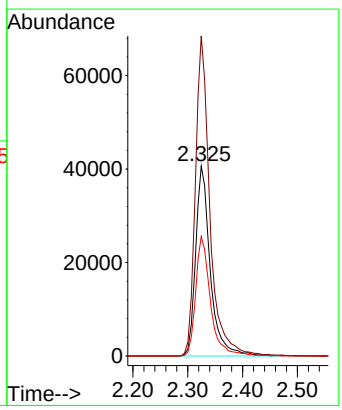


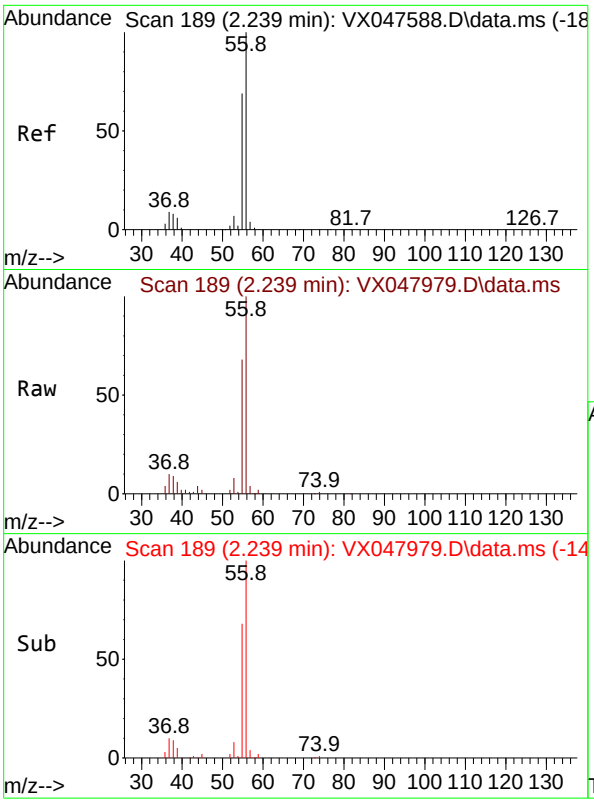


#12
1,1-Dichloroethene
Concen: 46.706 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 96 Resp: 75868

Ion	Ratio	Lower	Upper
96	100		
61	168.5	131.0	196.6
98	63.0	47.7	71.5

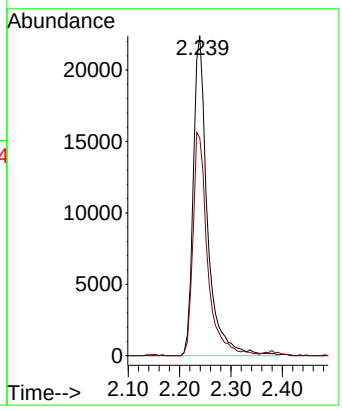




#13
Acrolein
Concen: 192.824 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 56 Resp: 4306

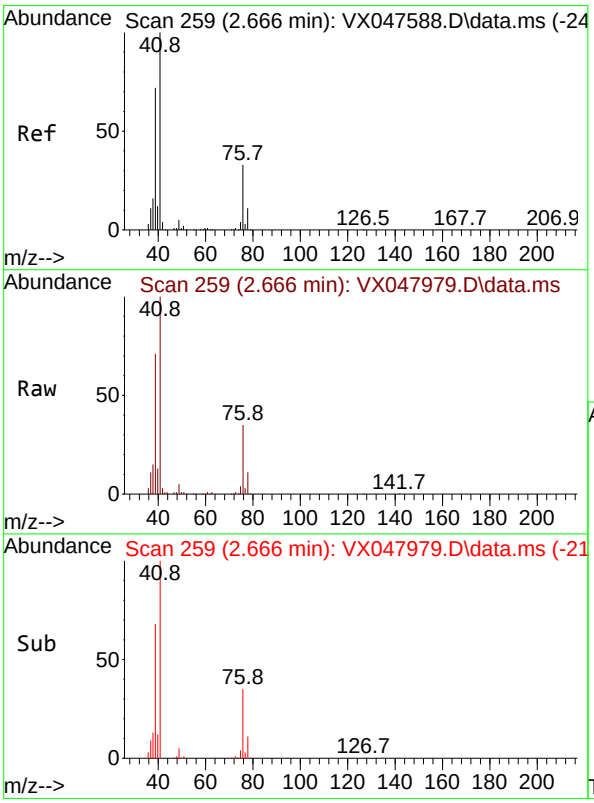
Ion	Ratio	Lower	Upper
56	100		
55	71.5	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

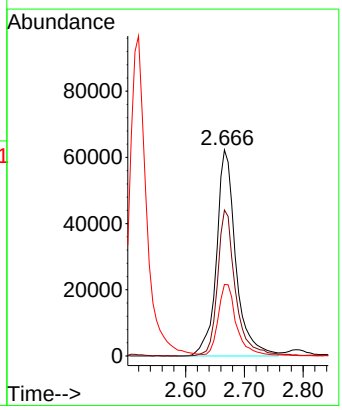
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

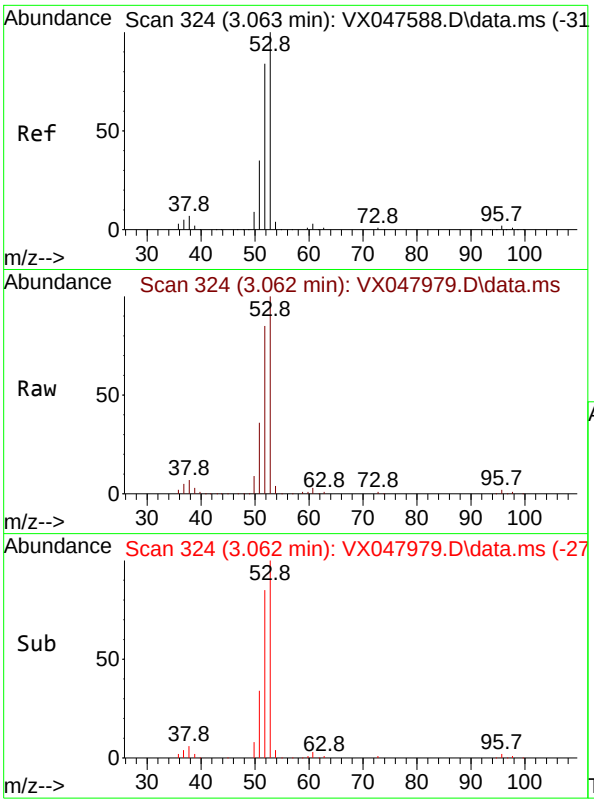


#14
Allyl chloride
Concen: 42.461 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 41 Resp: 142327

Ion	Ratio	Lower	Upper
41	100		
39	66.1	54.7	82.1
76	33.3	25.7	38.5

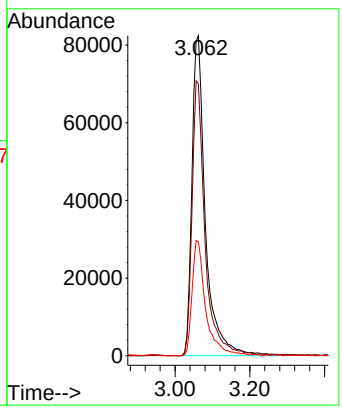




#15
Acrylonitrile
Concen: 230.767 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 53 Resp: 20717

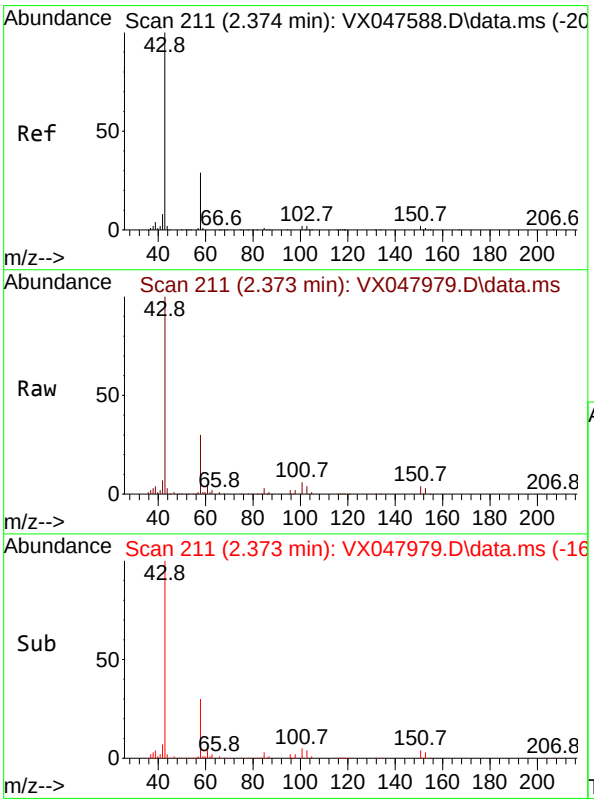
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.4	99.6
51	36.3	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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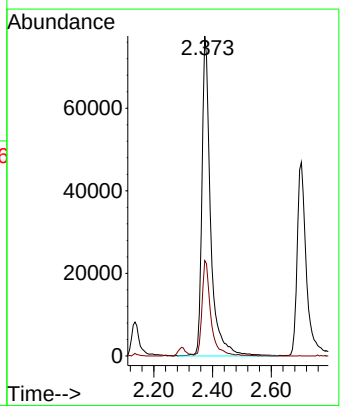
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

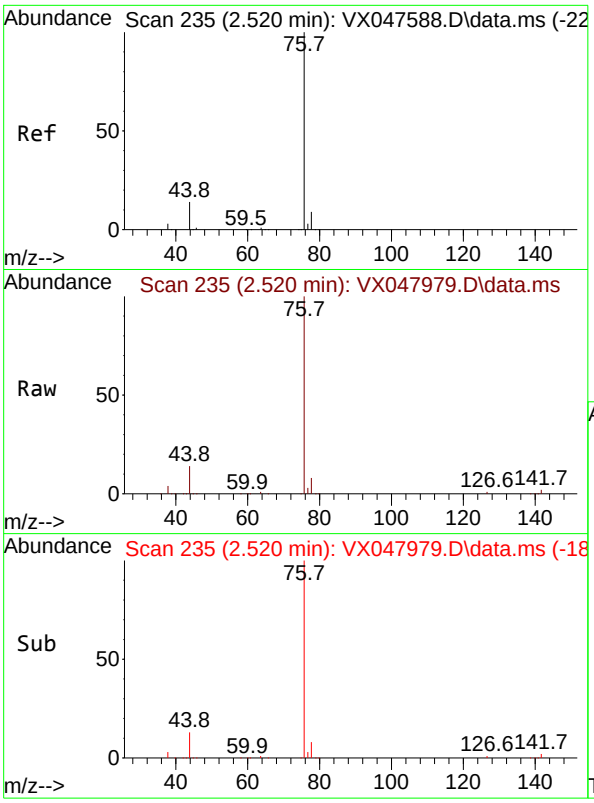


#16
Acetone
Concen: 168.327 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 43 Resp: 159278

Ion	Ratio	Lower	Upper
43	100		
58	29.8	23.4	35.0

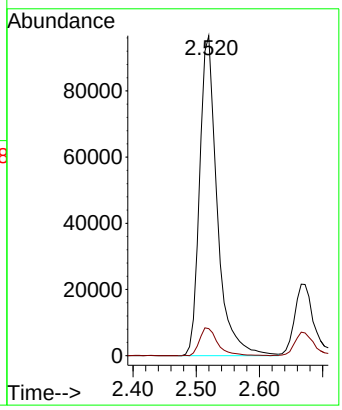




#17
Carbon Disulfide
Concen: 42.101 ug/l
RT: 2.520 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 76 Resp: 18722

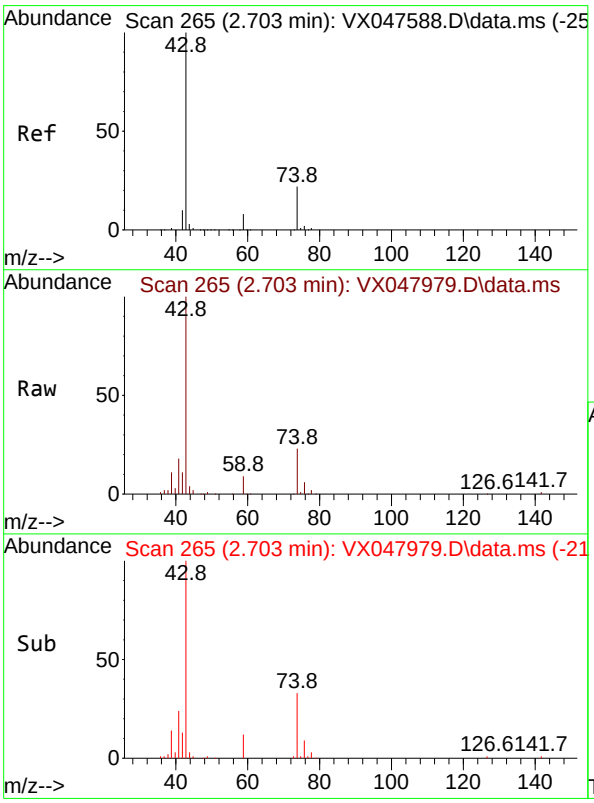
Ion	Ratio	Lower	Upper
76	100		
78	8.4	6.8	10.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

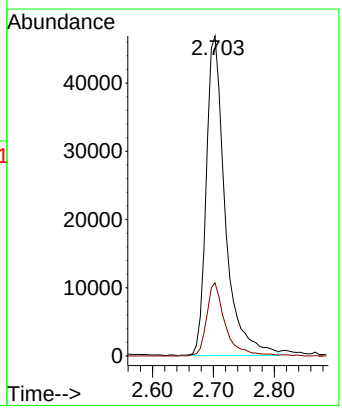
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

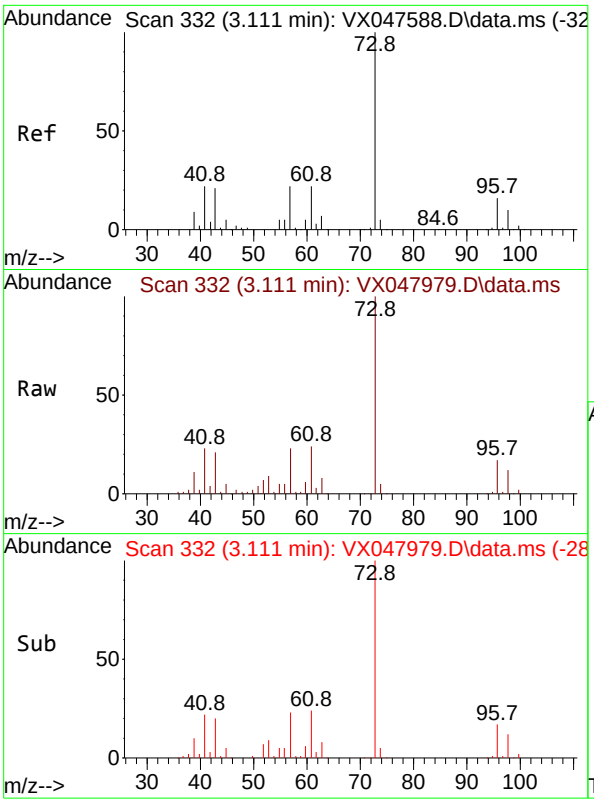


#18
Methyl Acetate
Concen: 47.987 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 43 Resp: 101054

Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.4	26.2

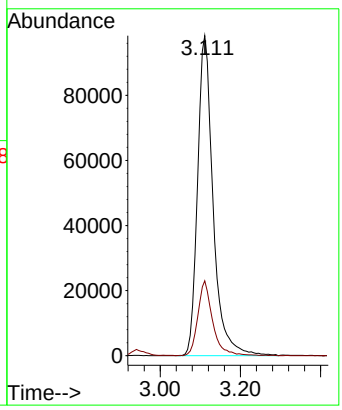




#19
Methyl tert-butyl Ether
Concen: 44.633 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 73 Resp: 26466

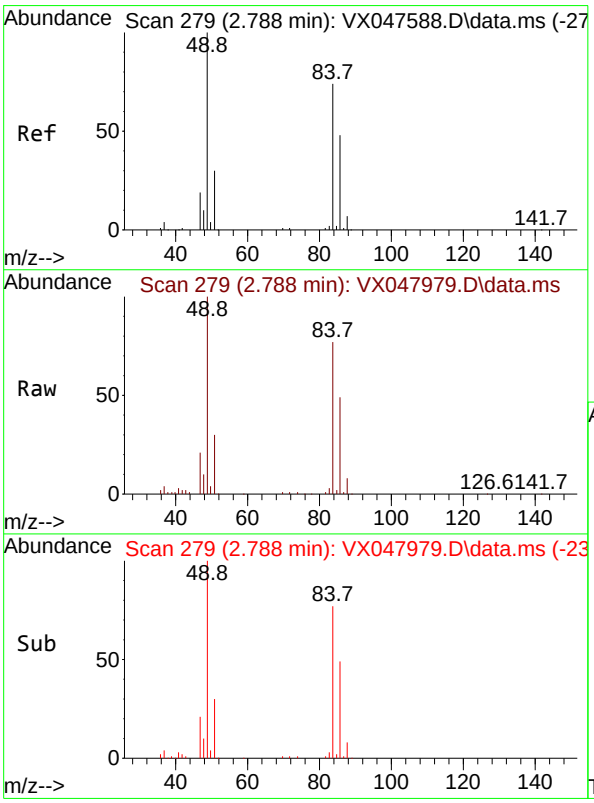
Ion	Ratio	Lower	Upper
73	100		
57	23.4	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

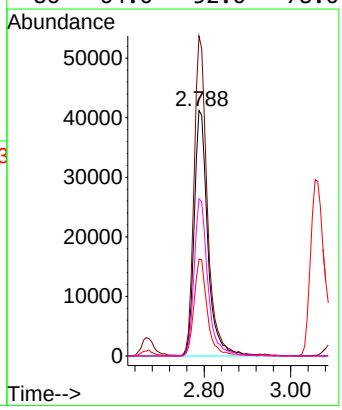
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

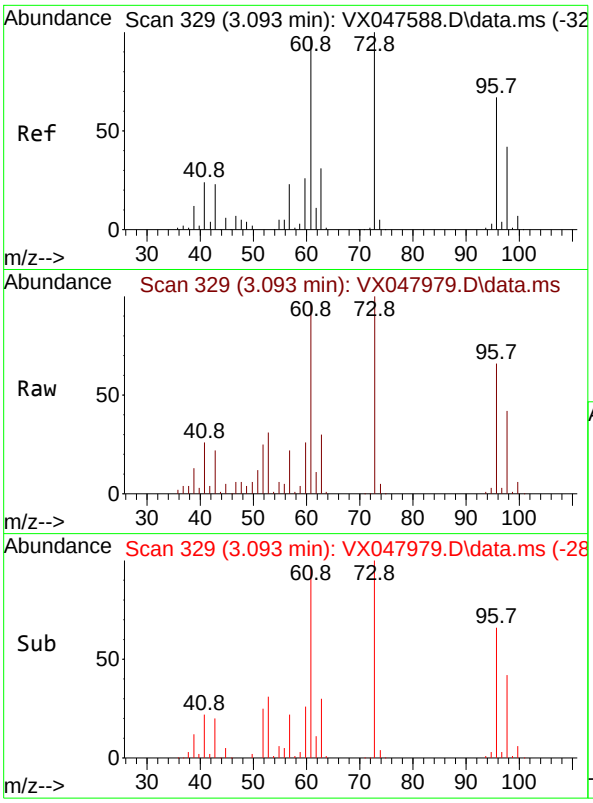


#20
Methylene Chloride
Concen: 44.585 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 84 Resp: 89302

Ion	Ratio	Lower	Upper
84	100		
49	130.1	108.6	162.8
51	39.5	32.6	48.8
86	64.0	52.0	78.0

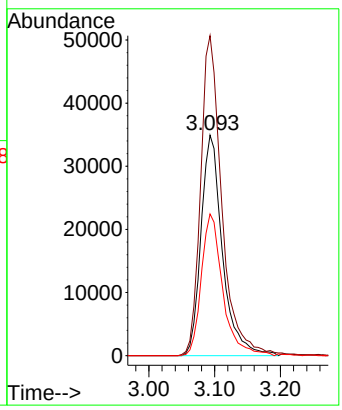




#21
trans-1,2-Dichloroethene
Concen: 45.306 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 96 Resp: 7923

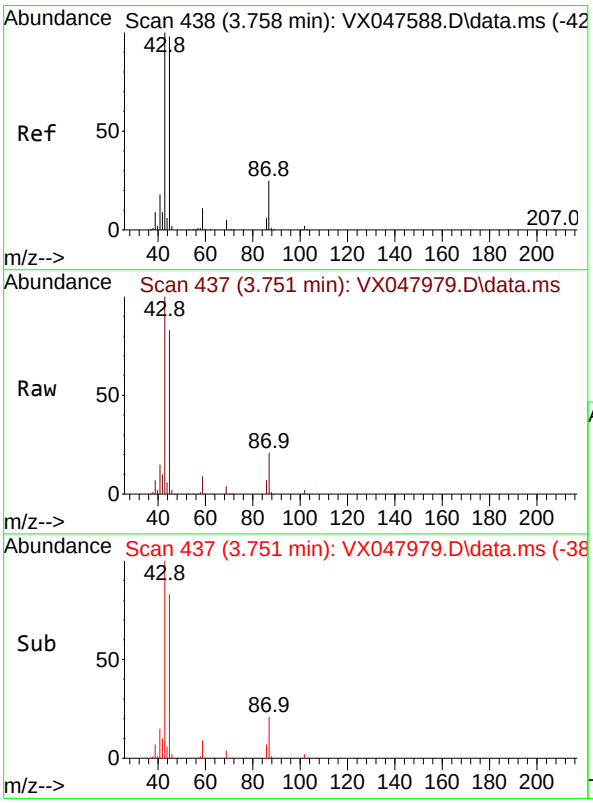
Ion	Ratio	Lower	Upper
96	100		
61	145.2	116.2	174.2
98	64.3	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

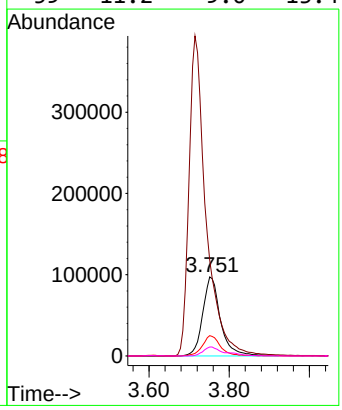
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

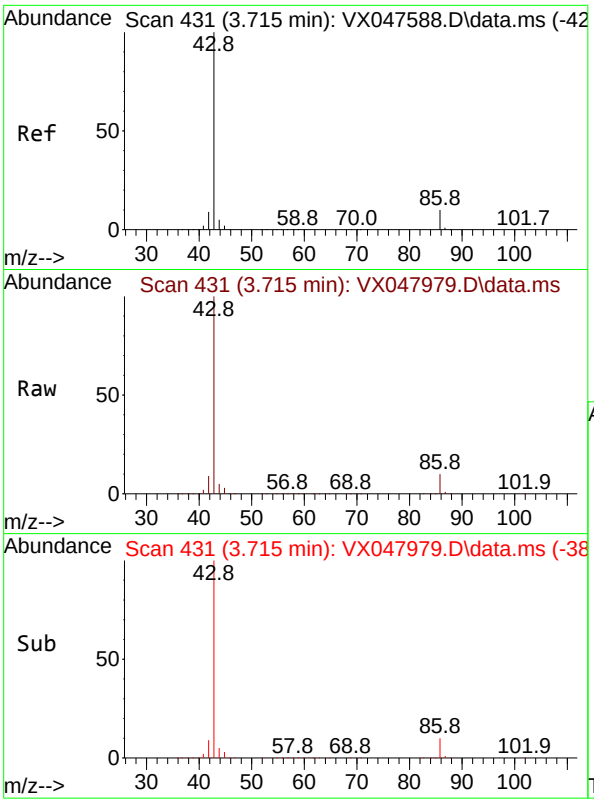


#22
Diisopropyl ether
Concen: 46.214 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 45 Resp: 300215

Ion	Ratio	Lower	Upper
45	100		
43	119.3	81.0	121.4
87	25.7	20.3	30.5
59	11.2	9.0	13.4





#23
Vinyl Acetate
Concen: 225.049 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

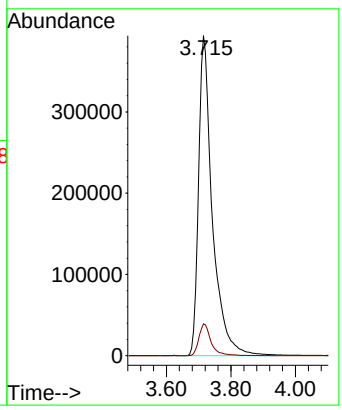
Tgt Ion: 43 Resp: 117007

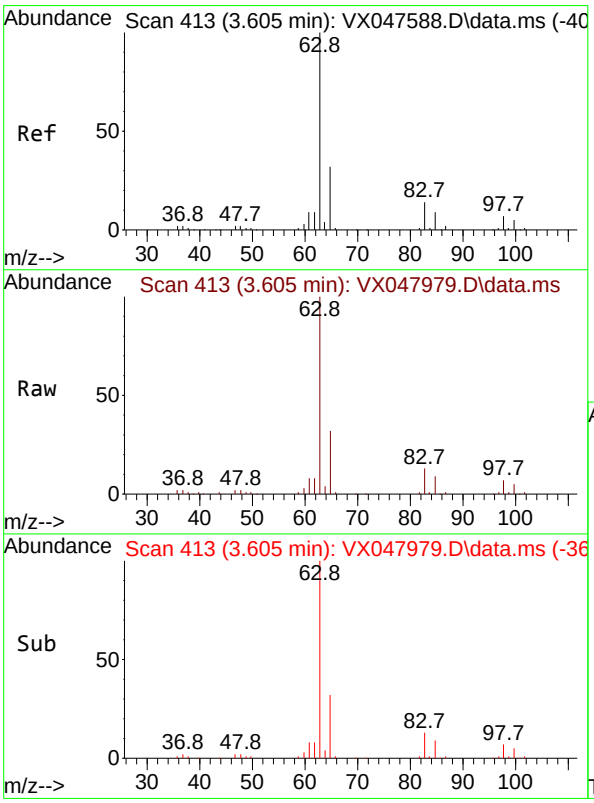
Ion	Ratio	Lower	Upper
43	100		
86	9.9	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

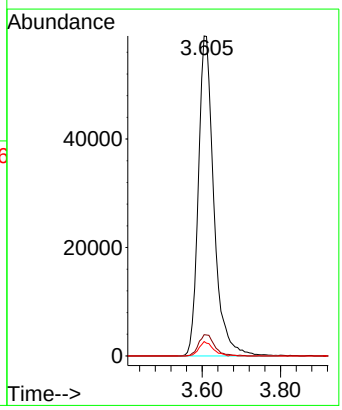


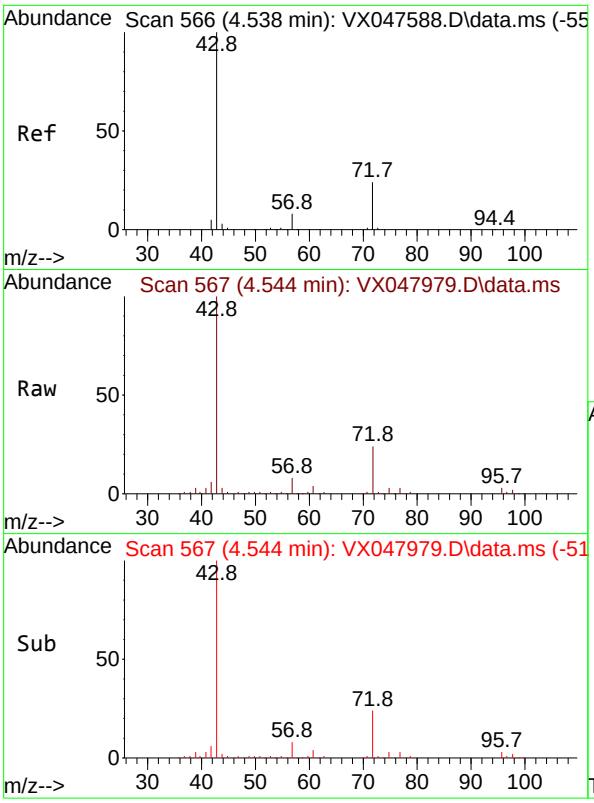


#24
1,1-Dichloroethane
Concen: 47.048 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 63 Resp: 162449

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.8	11.2
100	4.5	2.3	6.9

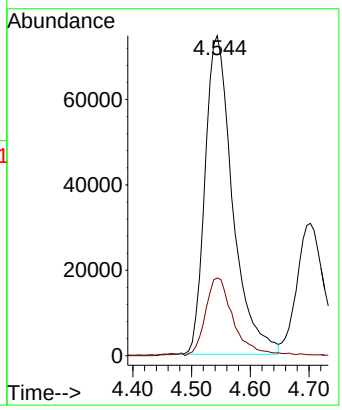




#25
2-Butanone
Concen: 206.107 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 43 Resp: 24327

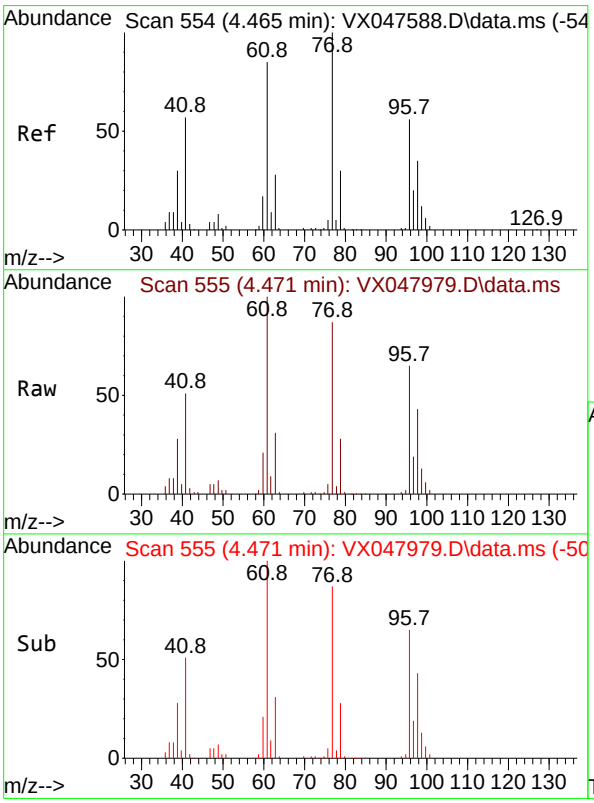
Ion	Ratio	Lower	Upper
43	100		
72	23.8	20.1	30.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

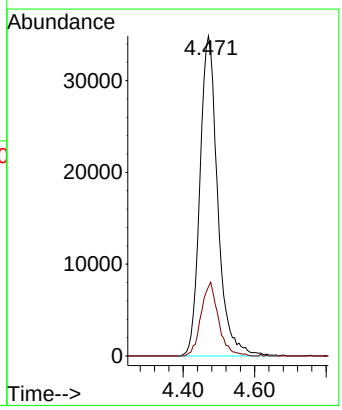
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

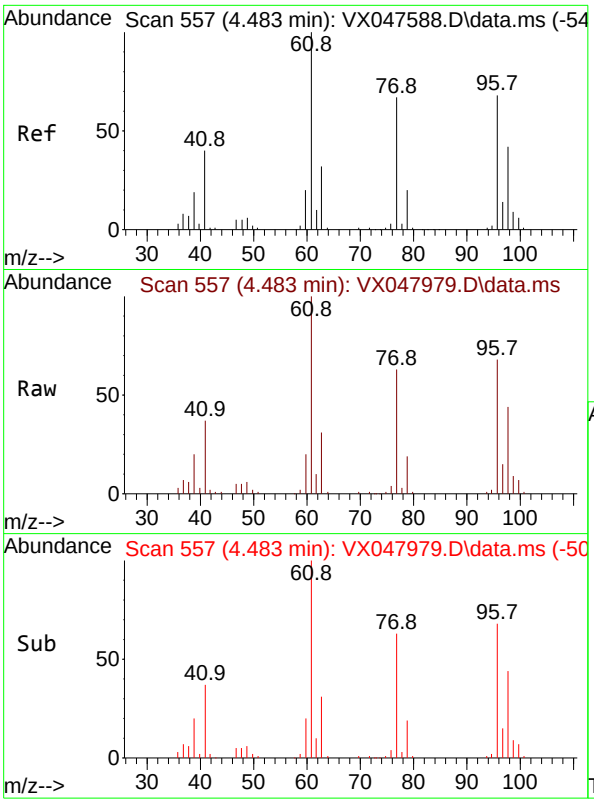


#26
2,2-Dichloropropane
Concen: 41.955 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 77 Resp: 120419

Ion	Ratio	Lower	Upper
77	100		
97	22.5	10.9	32.7

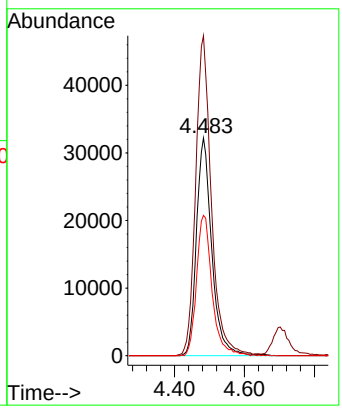




#27
cis-1,2-Dichloroethene
Concen: 45.745 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 96 Resp: 9797

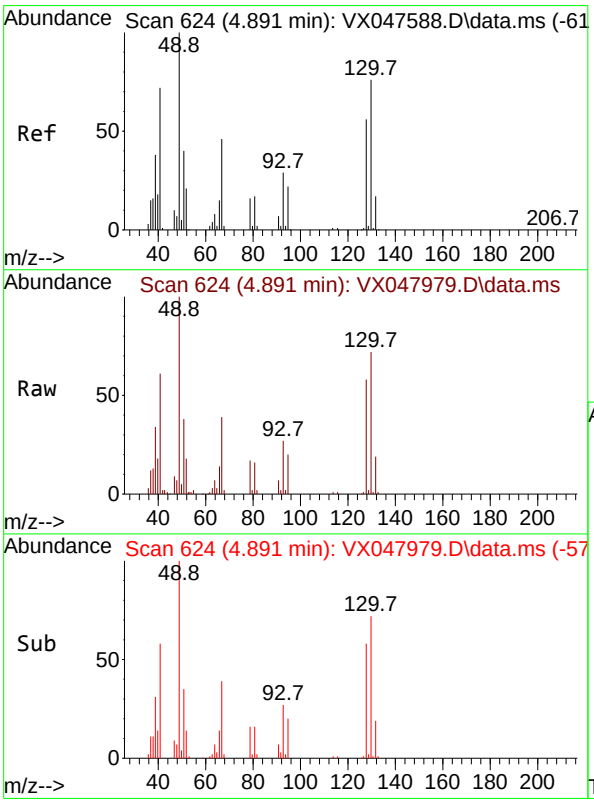
Ion	Ratio	Lower	Upper
96	100		
61	150.3	0.0	303.2
98	65.1	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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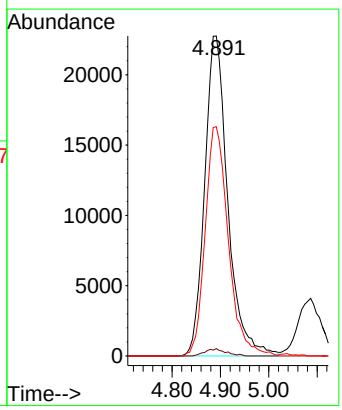
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

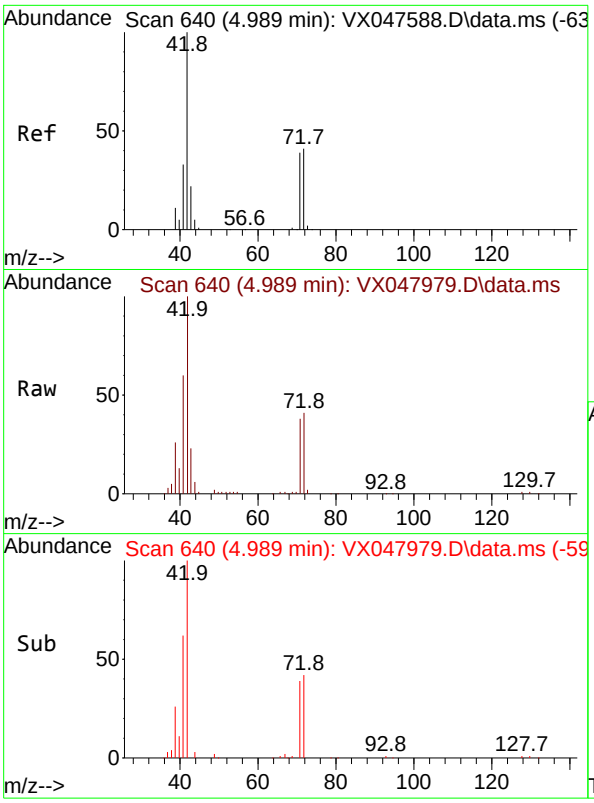


#28
Bromochloromethane
Concen: 50.068 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 49 Resp: 75472

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.2
130	71.8	57.8	86.8





#29
Tetrahydrofuran
Concen: 215.165 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

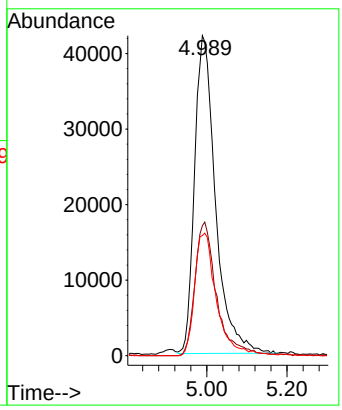
Tgt Ion: 42 Resp: 15277

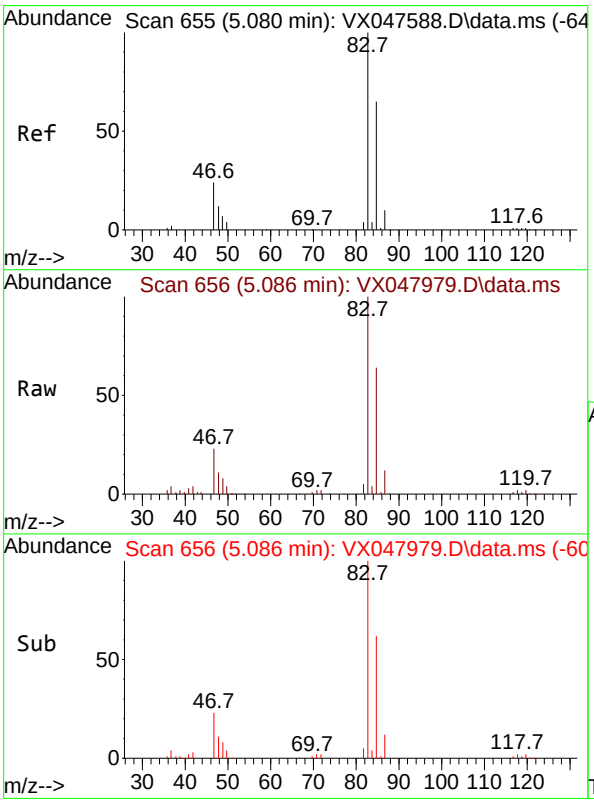
Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.2	51.2
71	40.3	31.9	47.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

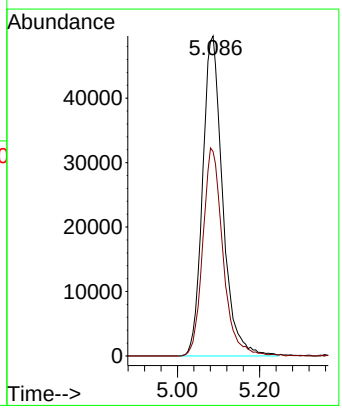


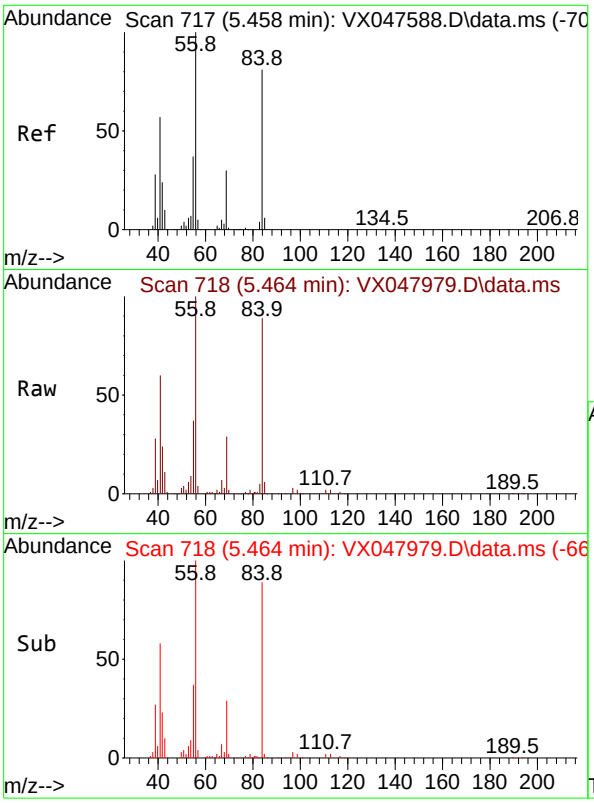


#30
Chloroform
Concen: 48.152 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 83 Resp: 168009

Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.8	77.6

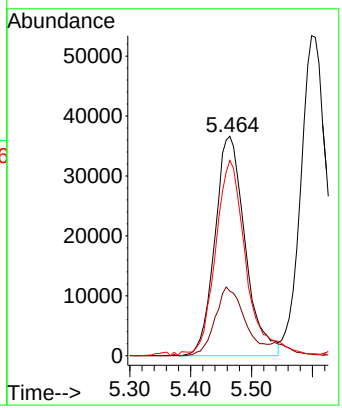




#31
Cyclohexane
Concen: 43.897 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 56 Resp: 12623

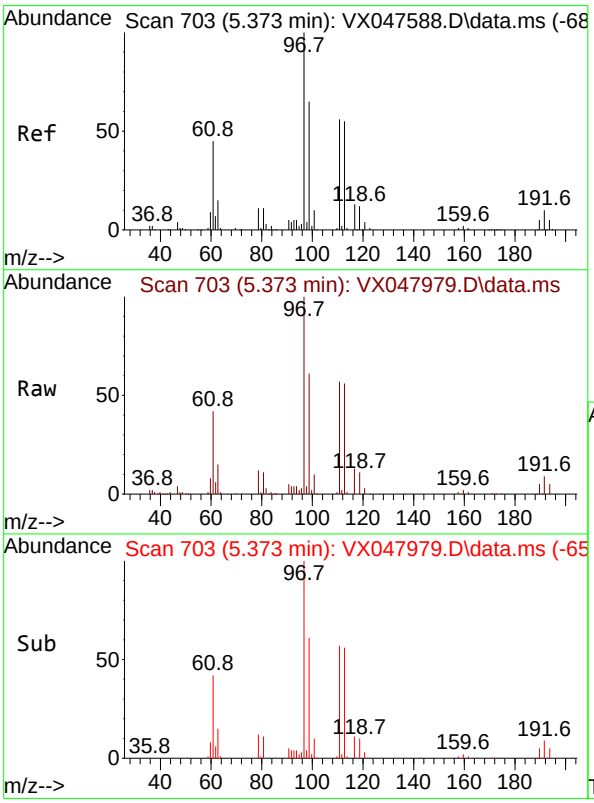
Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.8	35.8
84	88.8	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

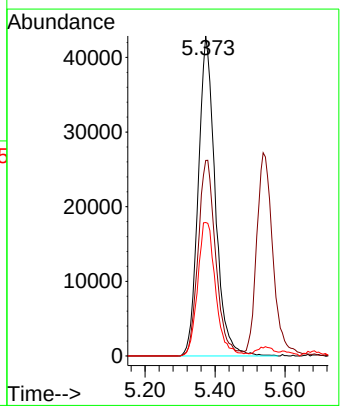
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

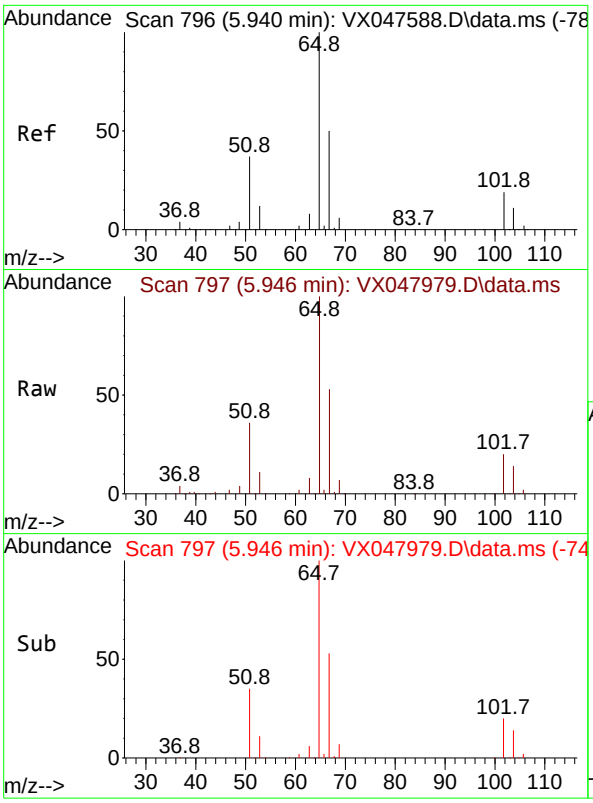


#32
1,1,1-Trichloroethane
Concen: 48.646 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 97 Resp: 143969

Ion	Ratio	Lower	Upper
97	100		
99	63.4	50.6	76.0
61	44.4	35.8	53.8

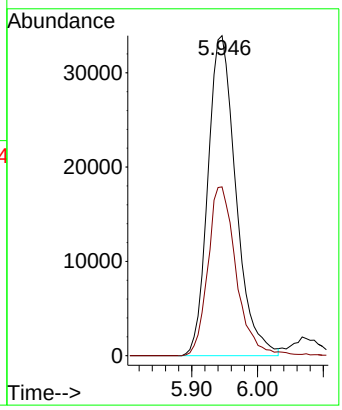




#33
1,2-Dichloroethane-d4
Concen: 46.218 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 65 Resp: 10058

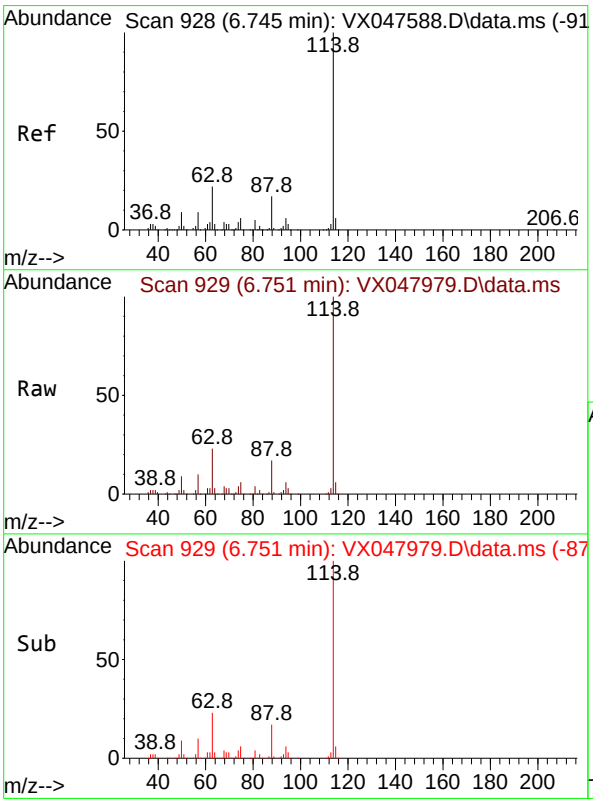
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

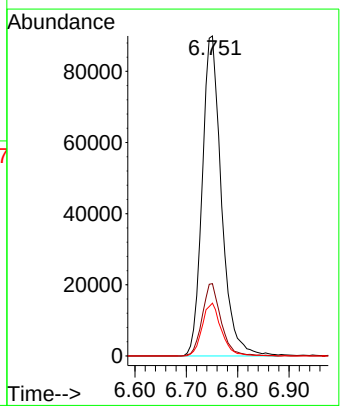
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

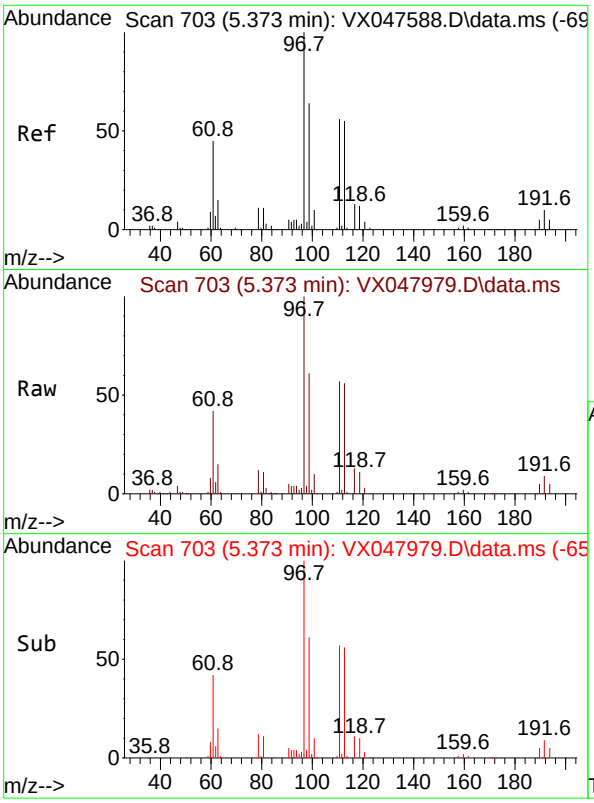


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:114 Resp: 233908

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	44.0
88	16.5	0.0	34.2

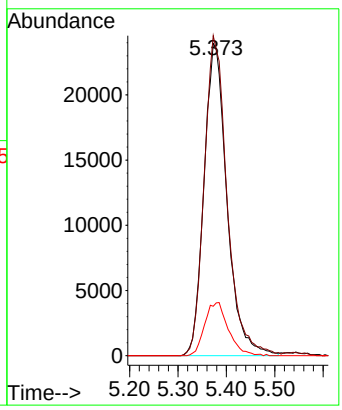




#35
Dibromofluoromethane
Concen: 50.346 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:113 Resp: 7897

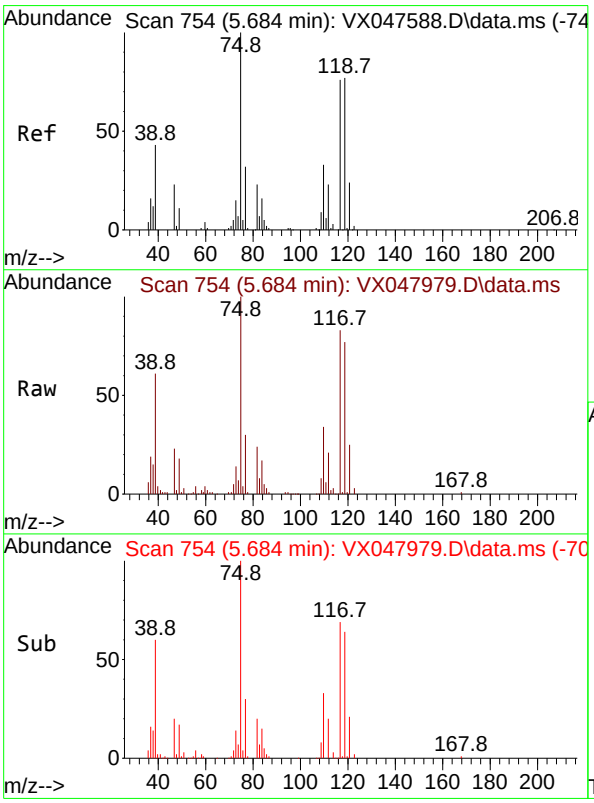
Ion	Ratio	Lower	Upper
113	100		
111	102.5	80.9	121.3
192	17.6	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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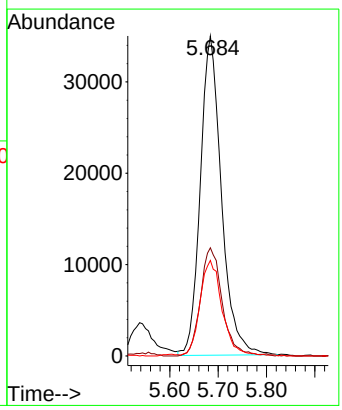
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

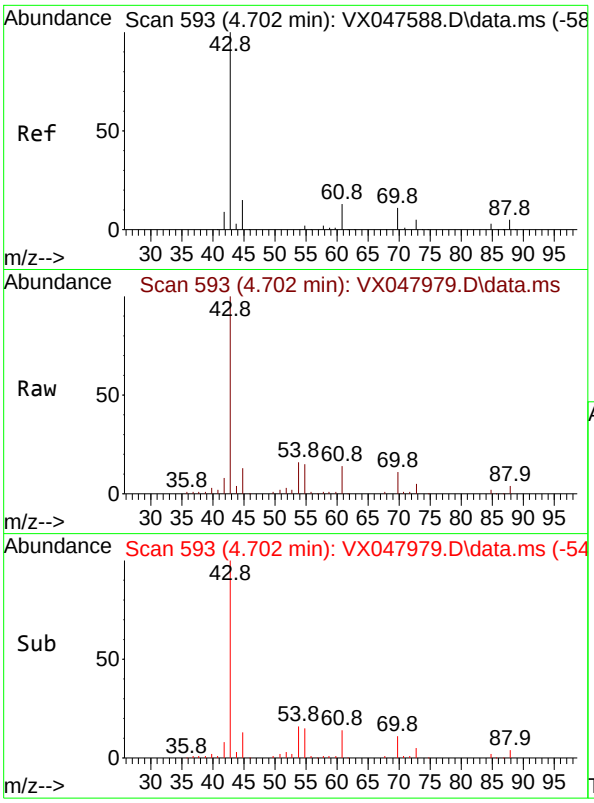


#36
1,1-Dichloropropene
Concen: 46.260 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 75 Resp: 106040

Ion	Ratio	Lower	Upper
75	100		
110	34.8	16.7	50.1
77	31.5	24.3	36.5

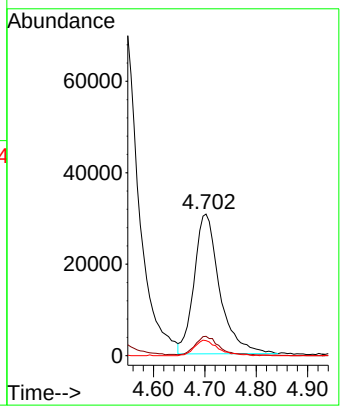




#37
Ethyl Acetate
Concen: 42.948 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 43 Resp: 10541

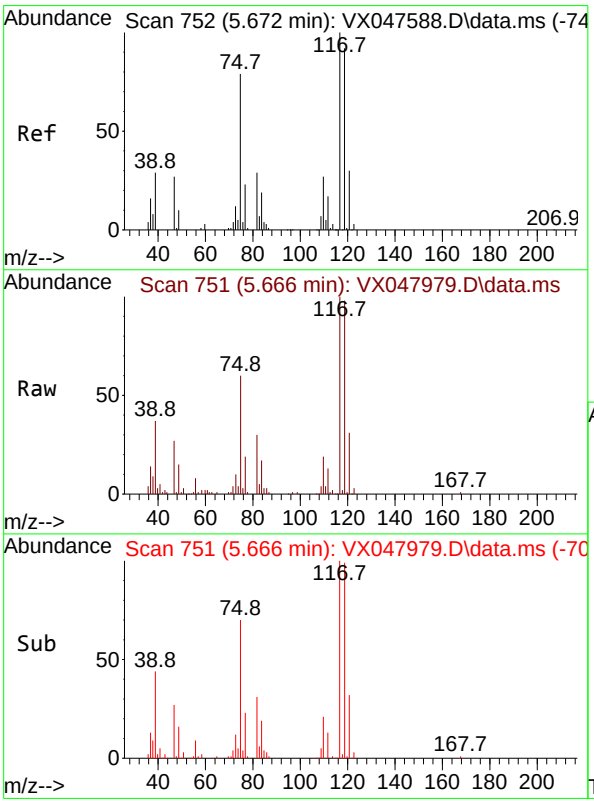
Ion	Ratio	Lower	Upper
43	100		
61	12.5	9.8	14.8
70	10.3	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

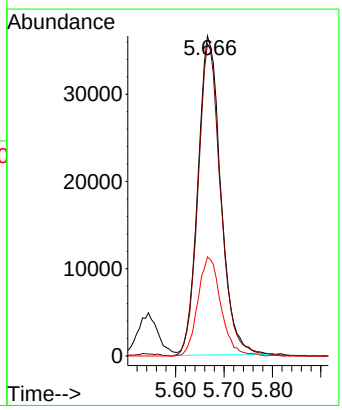
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

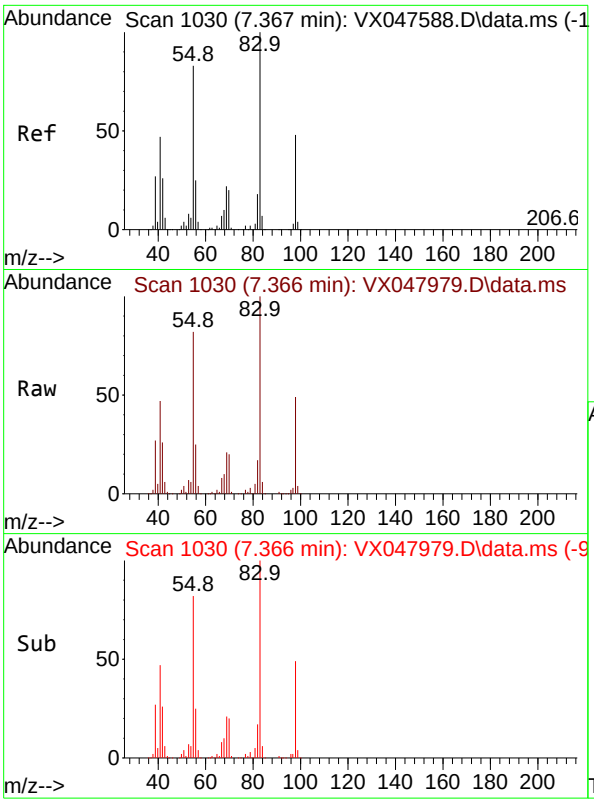


#38
Carbon Tetrachloride
Concen: 48.086 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:117 Resp: 119762

Ion	Ratio	Lower	Upper
117	100		
119	97.5	73.4	110.2
121	30.9	23.8	35.6

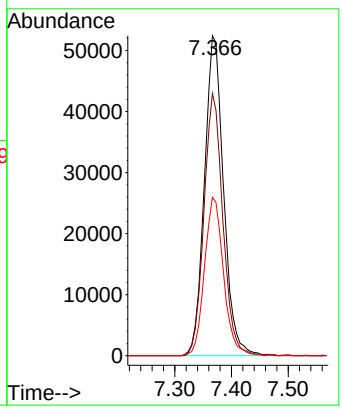




#39
Methylcyclohexane
Concen: 47.401 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 83 Resp: 12333

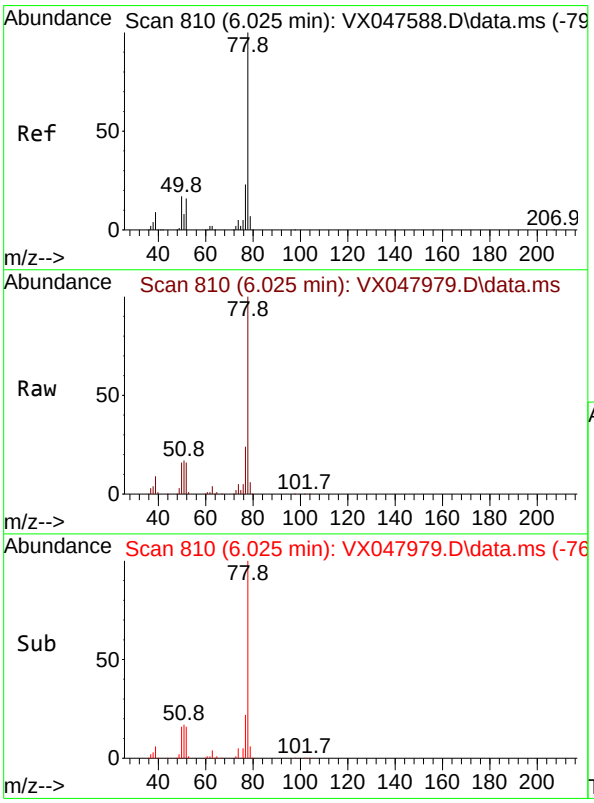
Ion	Ratio	Lower	Upper
83	100		
55	82.0	66.4	99.6
98	49.5	38.1	57.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

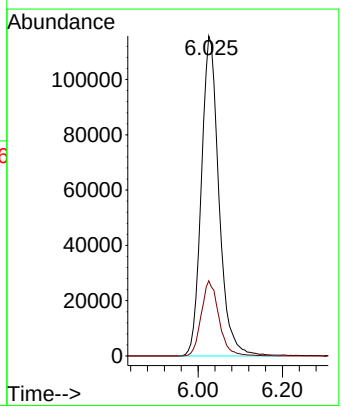
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

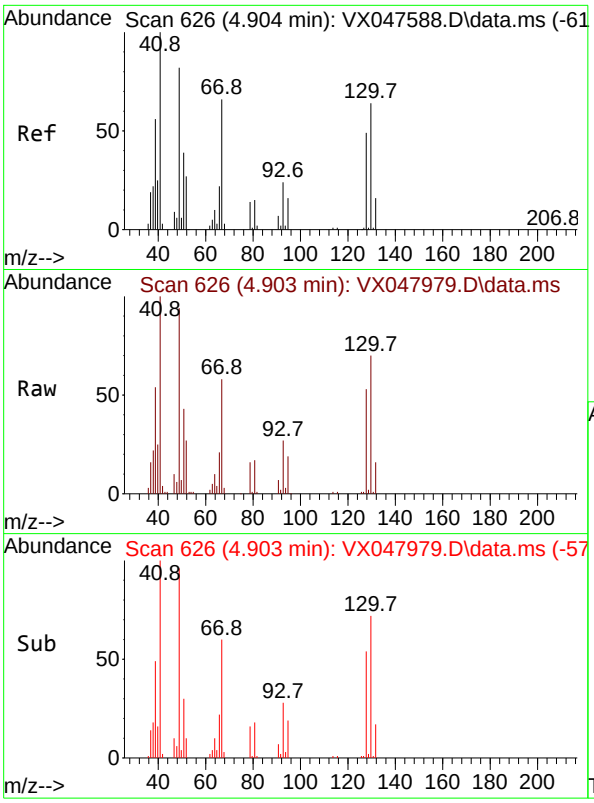


#40
Benzene
Concen: 48.202 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 78 Resp: 335594

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2

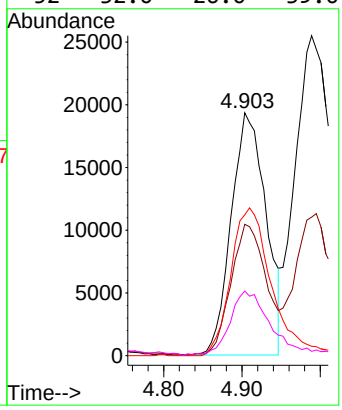




#41
Methacrylonitrile
Concen: 47.082 ug/l
RT: 4.903 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 41 Resp: 5965

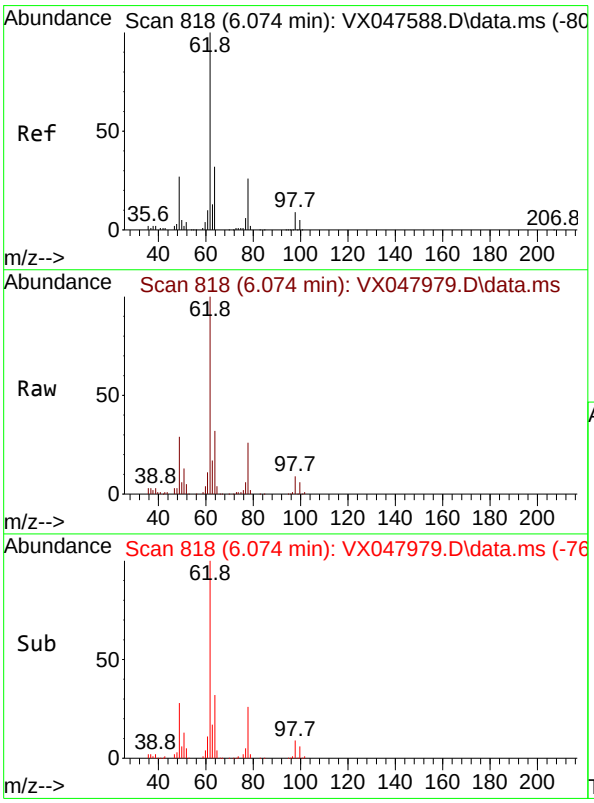
Ion	Ratio	Lower	Upper
41	100		
39	54.2	43.3	64.9
67	72.6	58.6	87.8
52	32.0	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

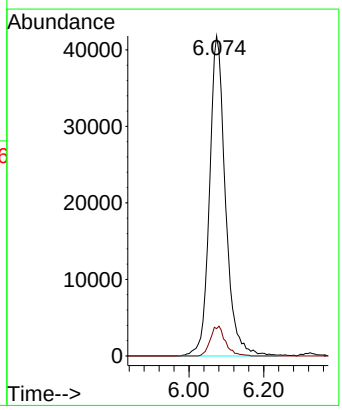
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

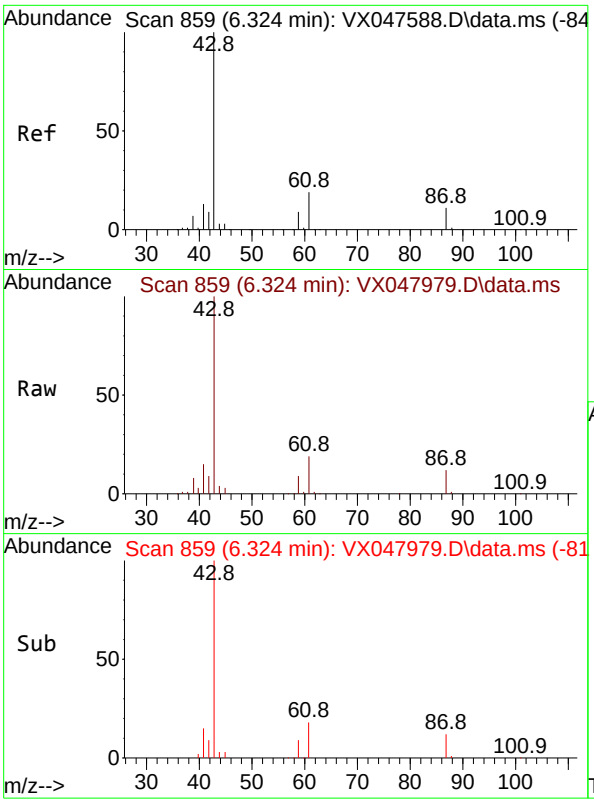


#42
1,2-Dichloroethane
Concen: 46.830 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 62 Resp: 124053

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.0

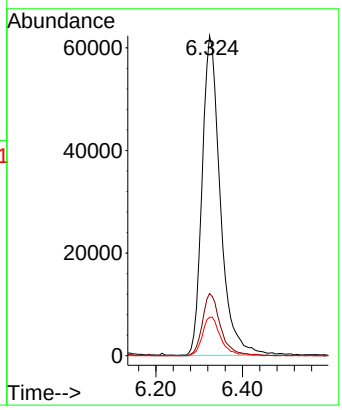




#43
Isopropyl Acetate
Concen: 45.224 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 43 Resp: 18203

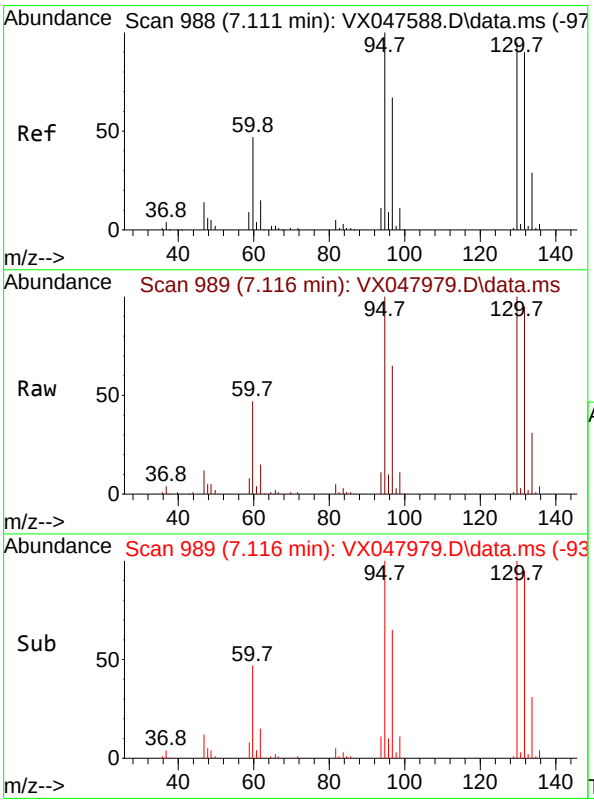
Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.2	22.8
87	12.1	9.6	14.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

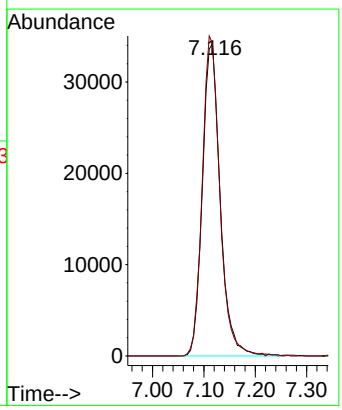
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

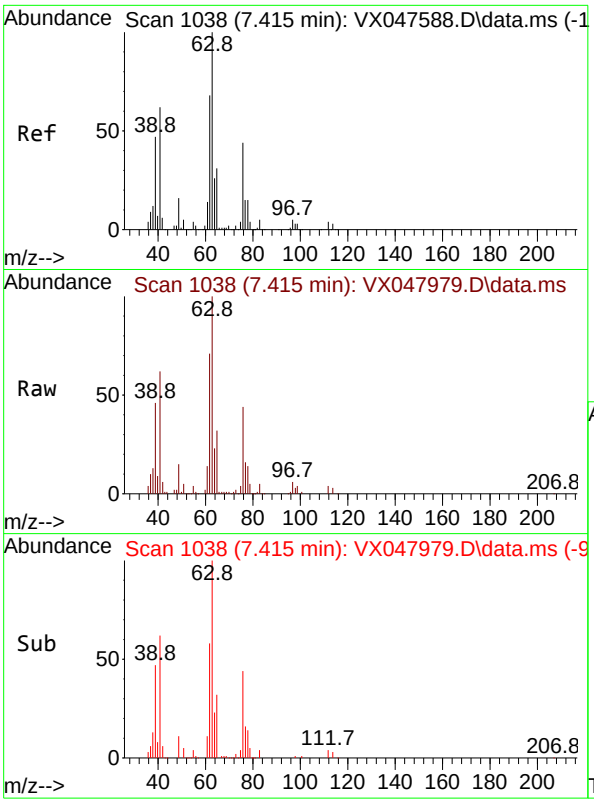


#44
Trichloroethene
Concen: 48.812 ug/l
RT: 7.116 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:130 Resp: 82160

Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	210.8

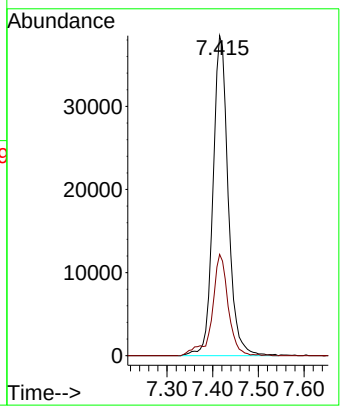




#45
1,2-Dichloropropane
Concen: 49.920 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 63 Resp: 8899

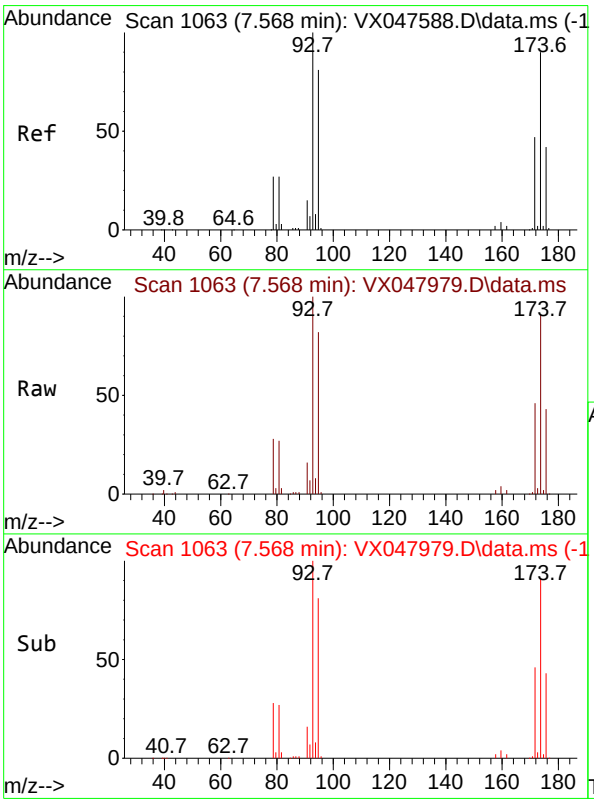
Ion	Ratio	Lower	Upper
63	100		
65	31.7	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

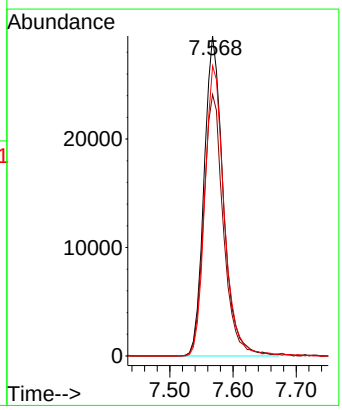
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

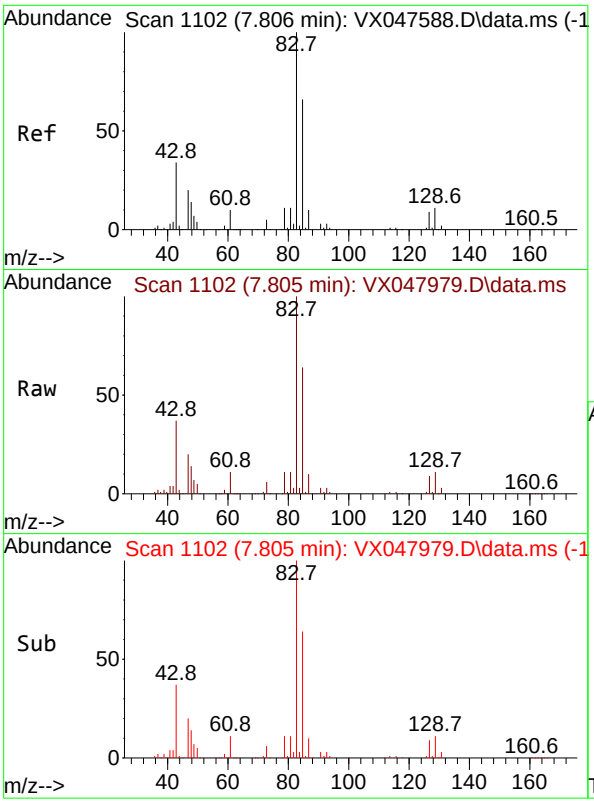


#46
Dibromomethane
Concen: 47.990 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 93 Resp: 62258

Ion	Ratio	Lower	Upper
93	100		
95	83.7	65.0	97.6
174	91.9	71.6	107.4

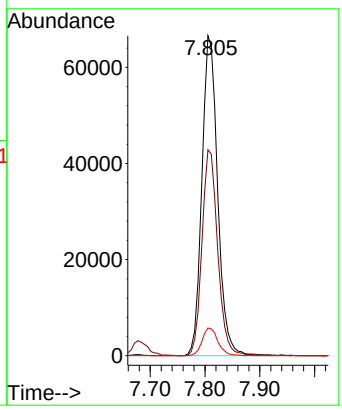




#47
Bromodichloromethane
Concen: 49.599 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 83 Resp: 13277

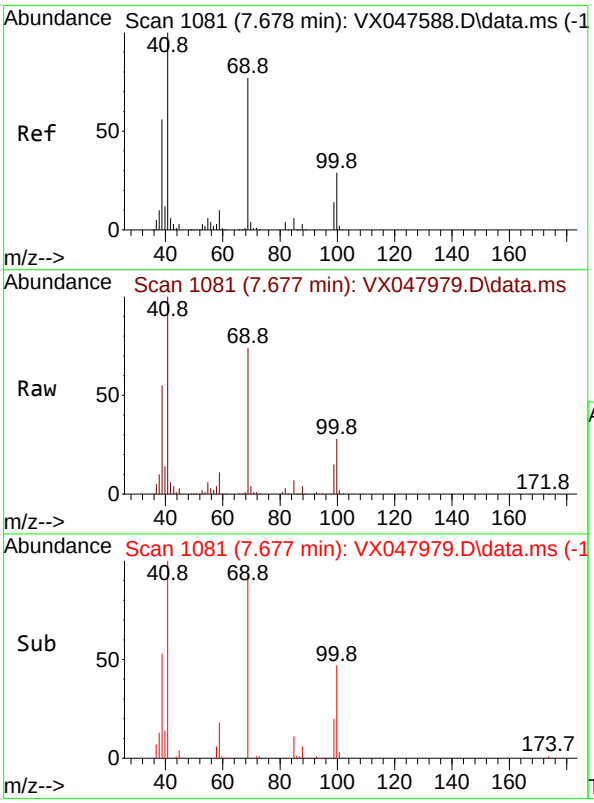
Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.5	78.7
127	8.6	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

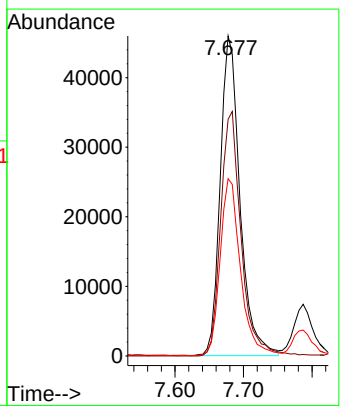
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

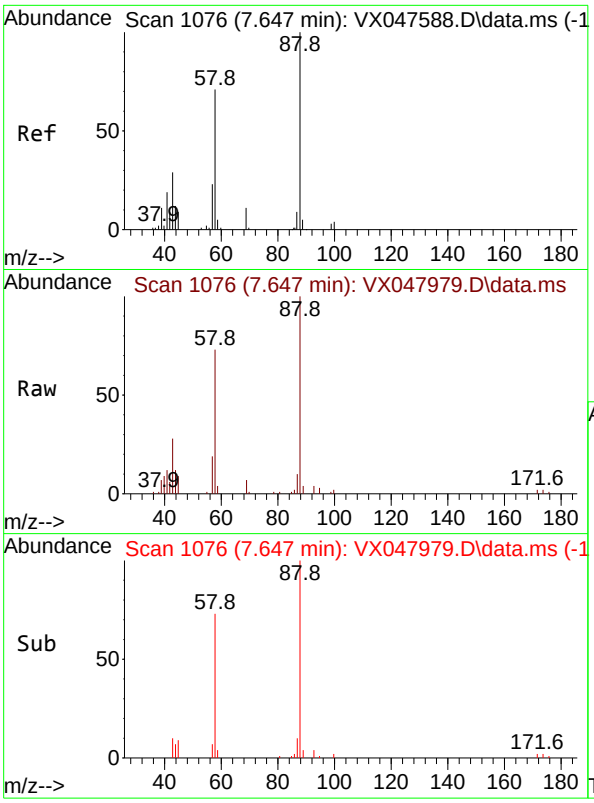


#48
Methyl methacrylate
Concen: 45.781 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 41 Resp: 91793

Ion	Ratio	Lower	Upper
41	100		
69	79.3	61.4	92.2
39	56.8	45.8	68.6

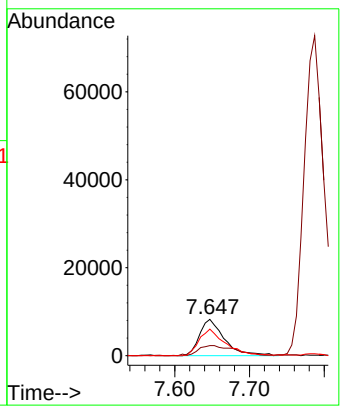




#49
1,4-Dioxane
Concen: 941.858 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 88 Resp: 1908

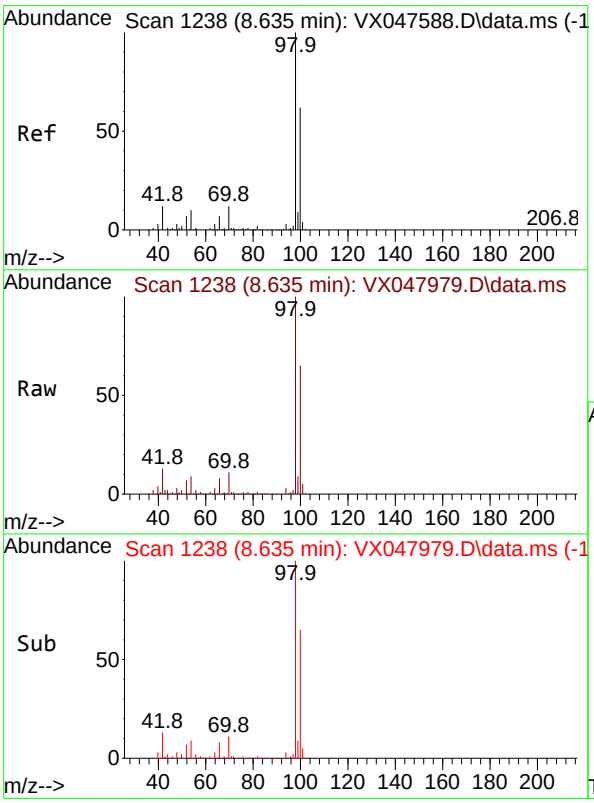
Ion	Ratio	Lower	Upper
88	100		
43	41.1	30.2	45.2
58	77.1	59.5	89.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

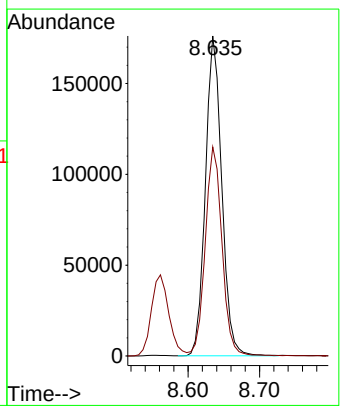
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

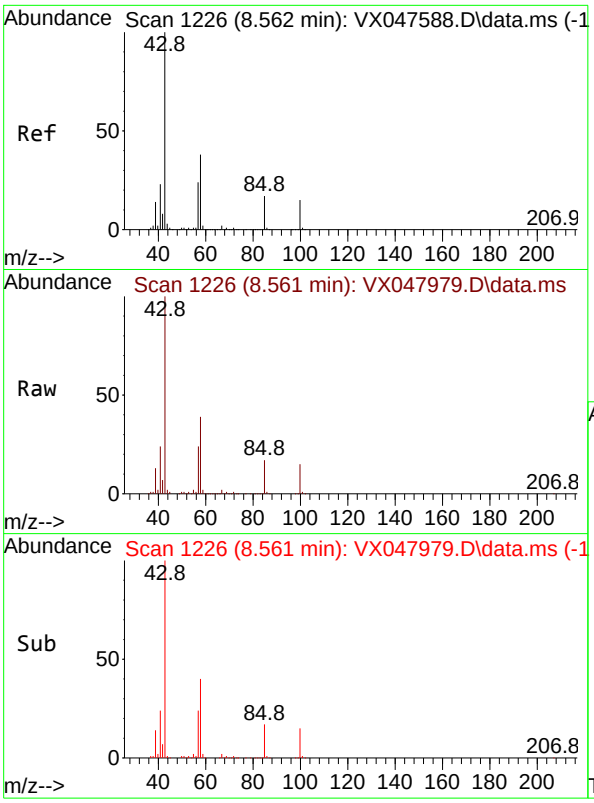


#50
Toluene-d8
Concen: 51.552 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 98 Resp: 279825

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.4

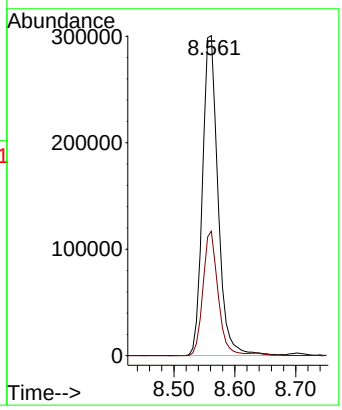




#51
4-Methyl-2-Pentanone
Concen: 238.660 ug/l
RT: 8.561 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 43 Resp: 53264

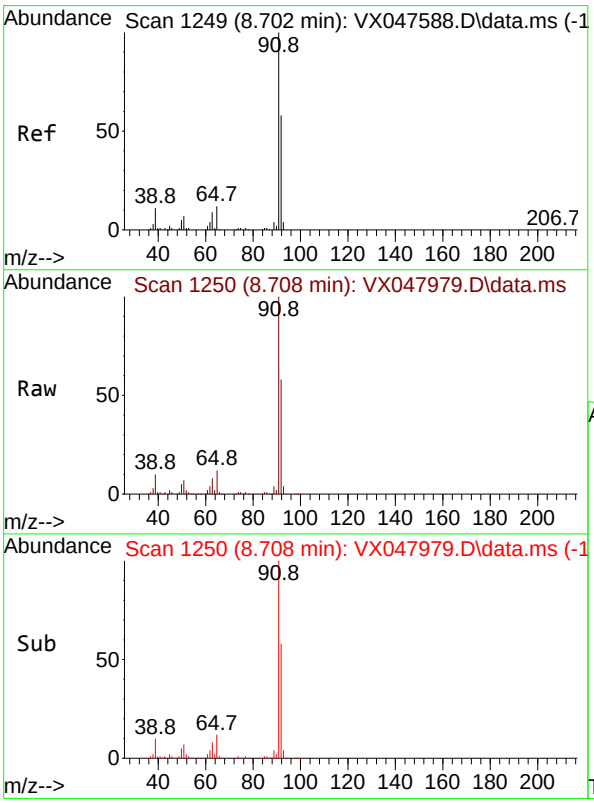
Ion	Ratio	Lower	Upper
43	100		
58	37.7	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

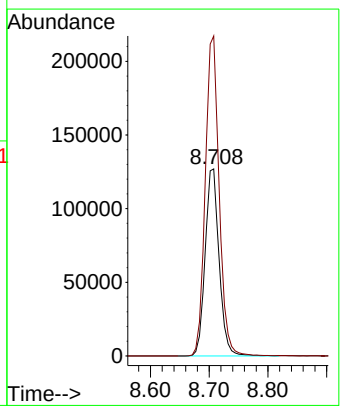
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

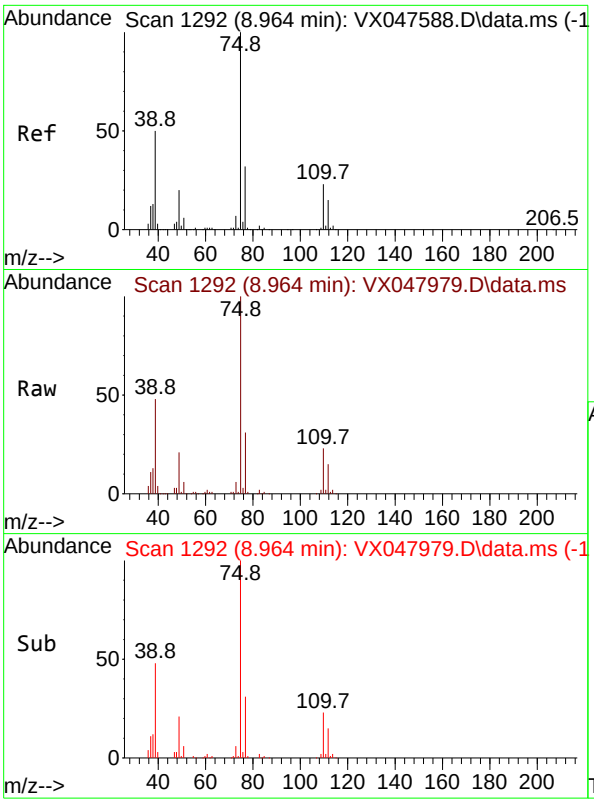


#52
Toluene
Concen: 48.861 ug/l
RT: 8.708 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 92 Resp: 209586

Ion	Ratio	Lower	Upper
92	100		
91	170.0	137.1	205.7

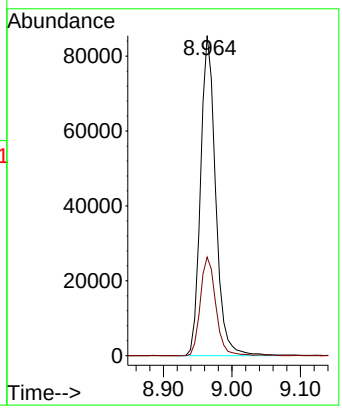




#53
t-1,3-Dichloropropene
Concen: 47.963 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 75 Resp: 13096

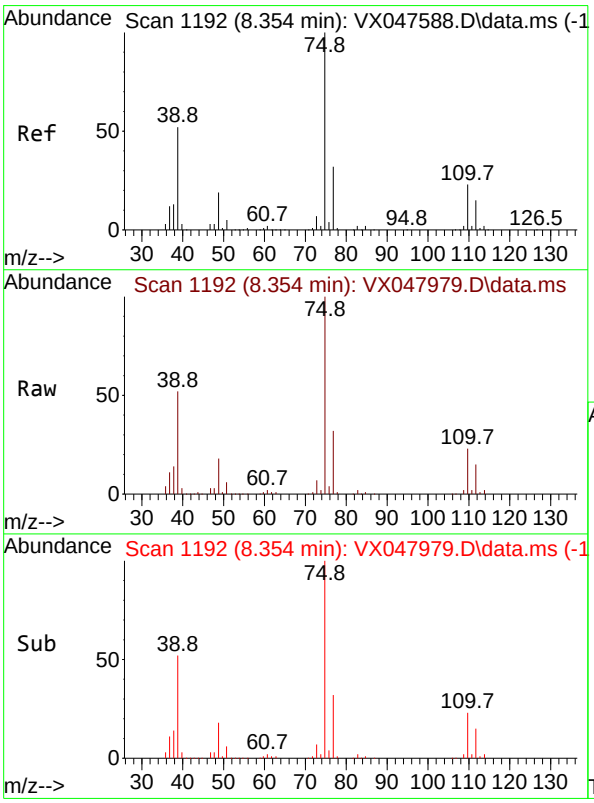
Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

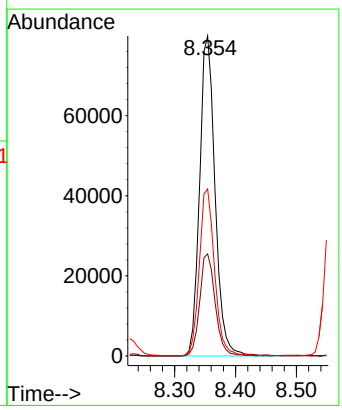
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

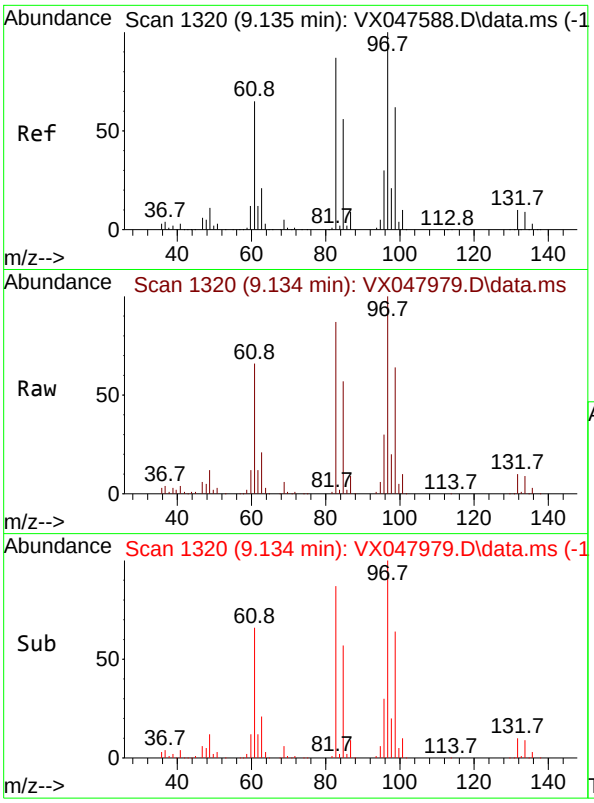


#54
cis-1,3-Dichloropropene
Concen: 48.296 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 75 Resp: 140958

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.8	38.6
39	52.1	41.4	62.2

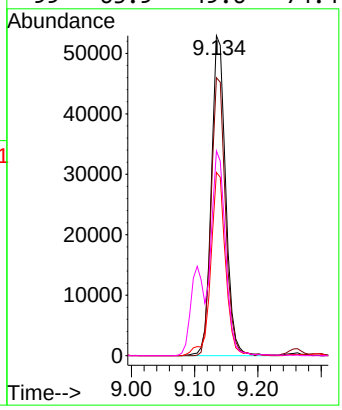




#55
1,1,2-Trichloroethane
Concen: 50.244 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 97 Resp: 8310

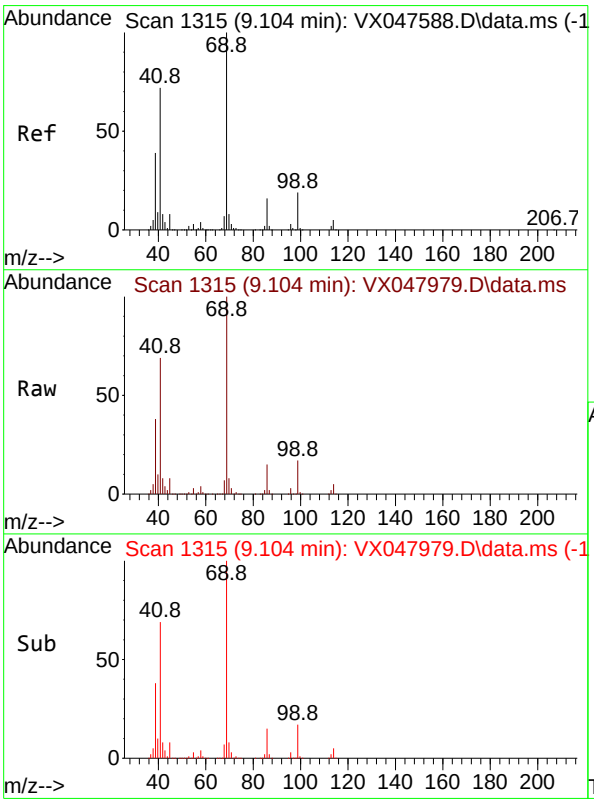
Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.6	104.4
85	57.2	45.0	67.6
99	63.9	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

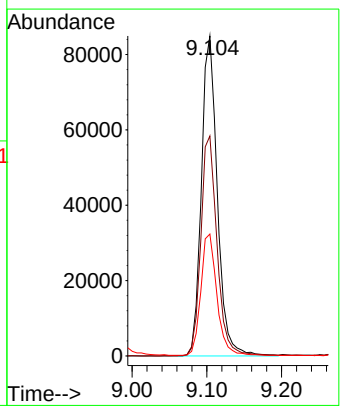
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

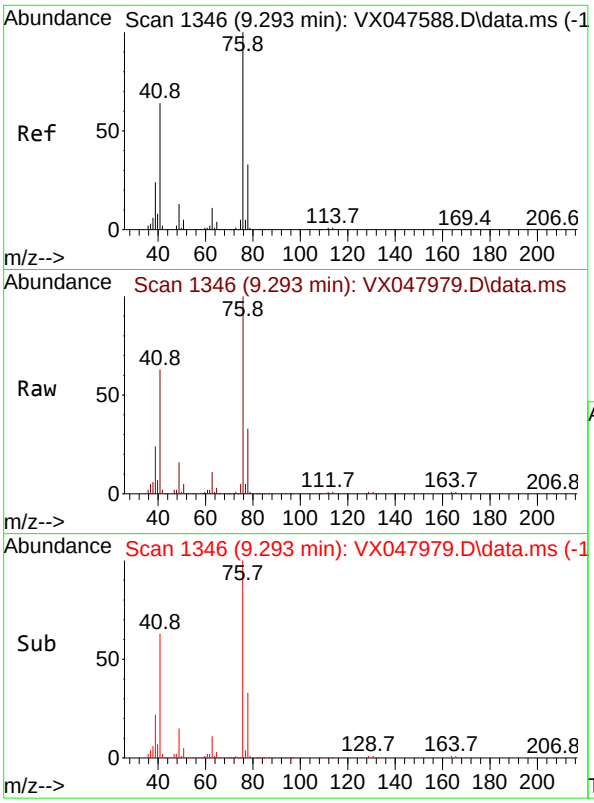


#56
Ethyl methacrylate
Concen: 48.455 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 69 Resp: 125862

Ion	Ratio	Lower	Upper
69	100		
41	70.4	58.6	87.8
39	38.5	31.5	47.3

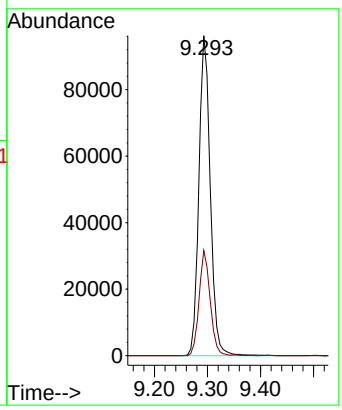




#57
1,3-Dichloropropane
Concen: 50.605 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 76 Resp: 14378

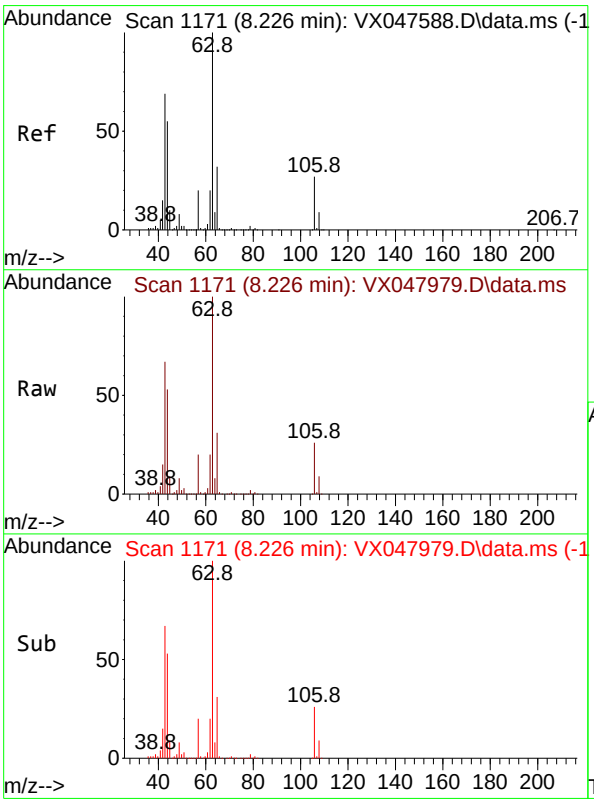
Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

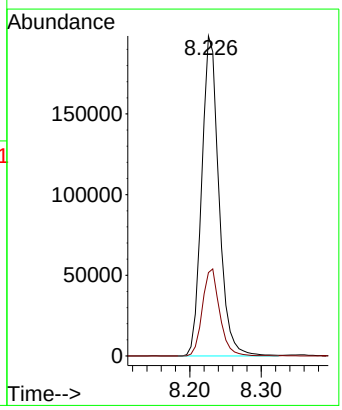
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

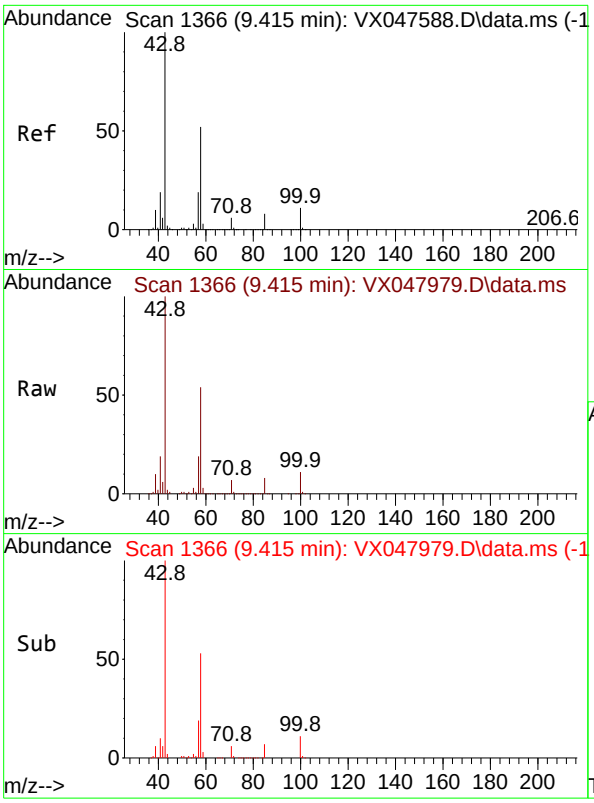


#58
2-Chloroethyl Vinyl ether
Concen: 265.571 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 63 Resp: 330970

Ion	Ratio	Lower	Upper
63	100		
106	27.4	21.9	32.9





#59
2-Hexanone
Concen: 227.424 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

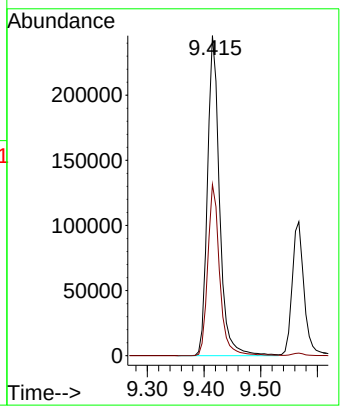
Tgt Ion: 43 Resp: 36453

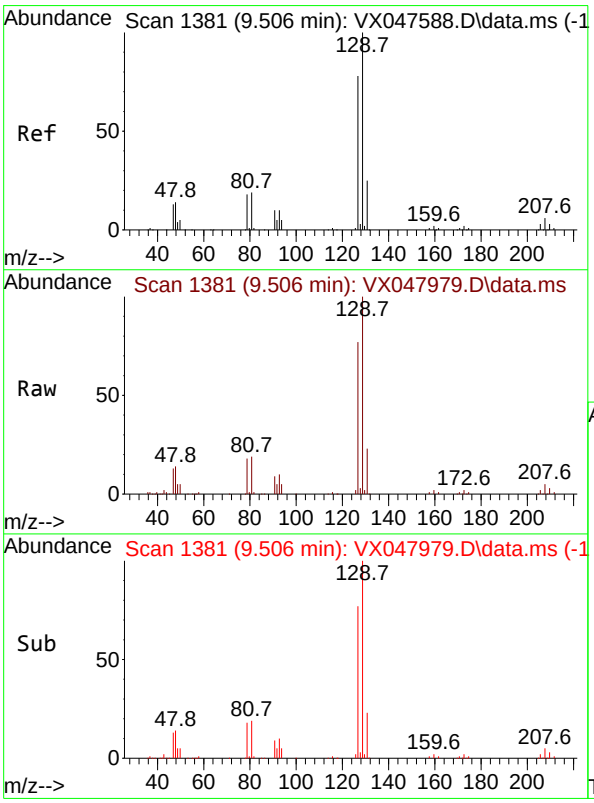
Ion	Ratio	Lower	Upper
43	100		
58	52.7	26.1	78.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

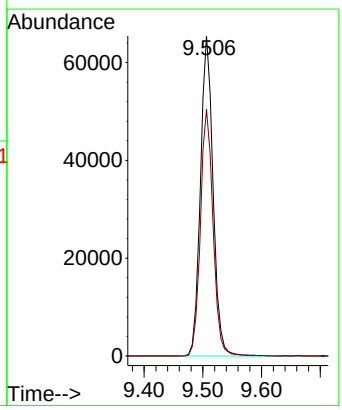


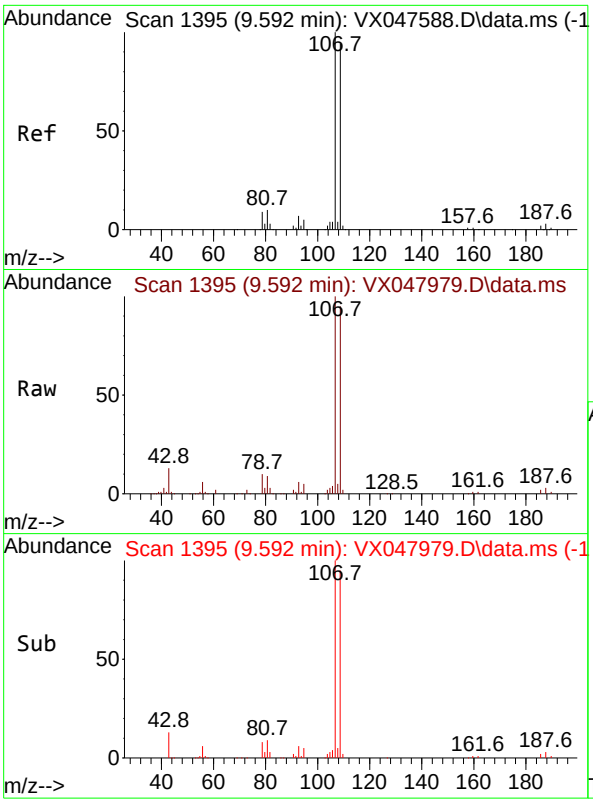


#60
Dibromochloromethane
Concen: 51.215 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:129 Resp: 97603

Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.4	115.2

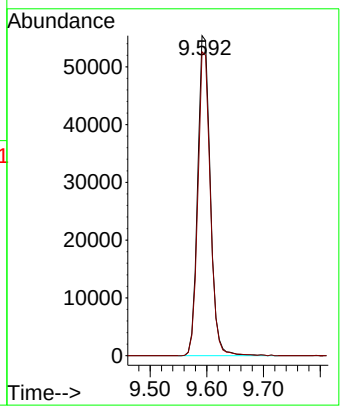




#61
1,2-Dibromoethane
Concen: 50.656 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:107 Resp: 8533

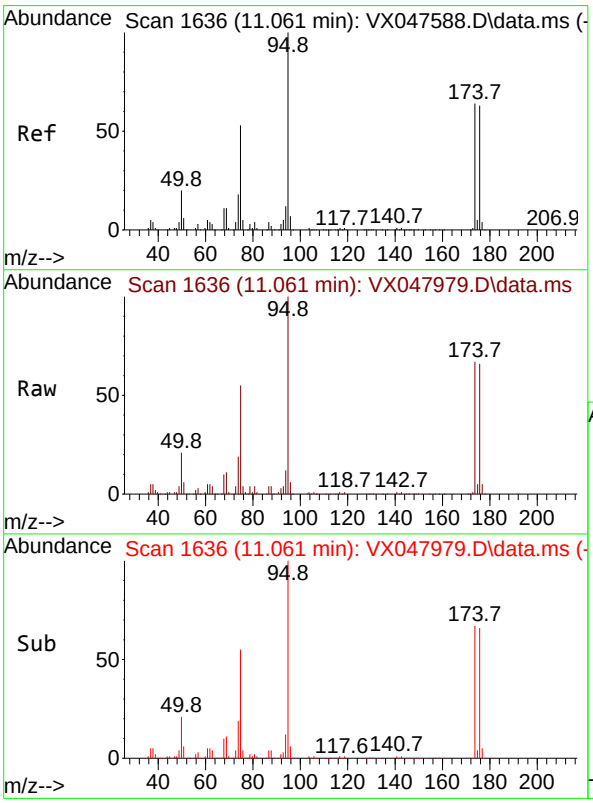
Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

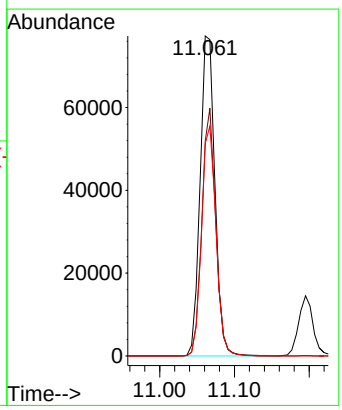
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

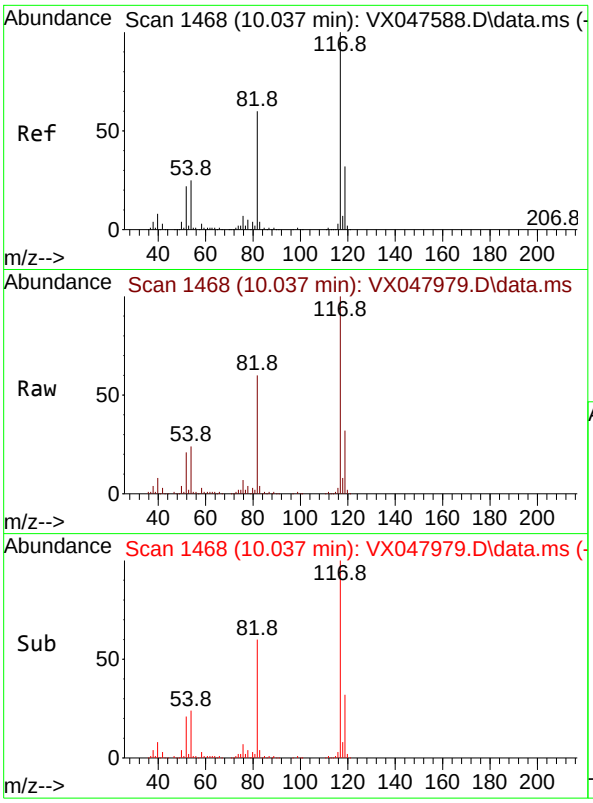


#62
4-Bromofluorobenzene
Concen: 51.352 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 95 Resp: 105788

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

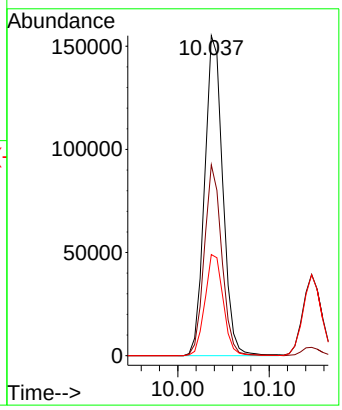




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:117 Resp: 213849

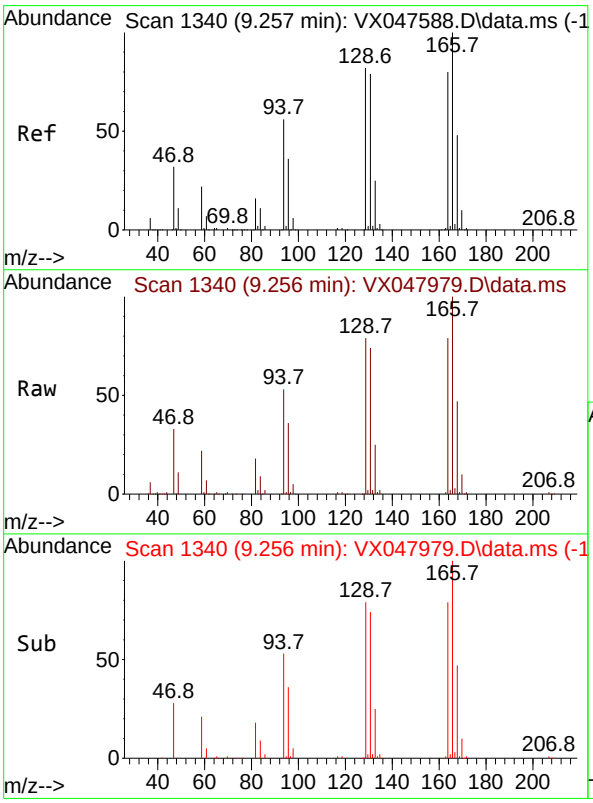
Ion	Ratio	Lower	Upper
117	100		
82	59.7	47.8	71.6
119	31.6	25.2	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

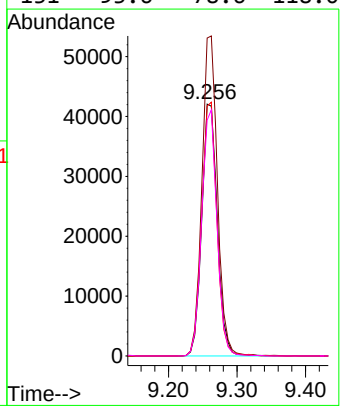
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

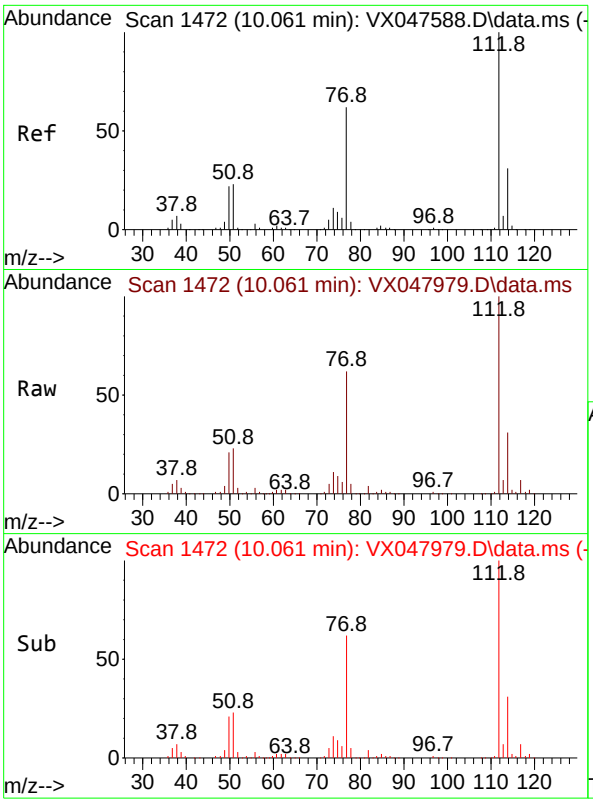


#64
Tetrachloroethene
Concen: 47.615 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:164 Resp: 66378

Ion	Ratio	Lower	Upper
164	100		
166	126.2	100.2	150.2
129	99.2	81.8	122.6
131	93.6	78.6	118.0

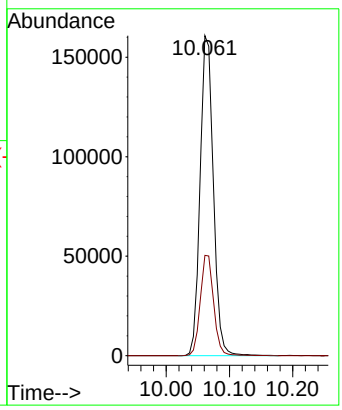




#65
Chlorobenzene
Concen: 48.361 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:112 Resp: 23494

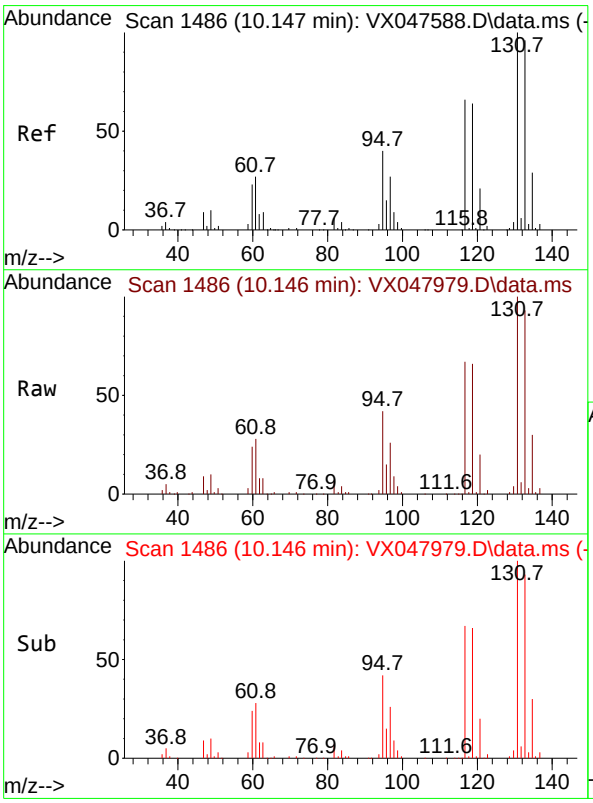
Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

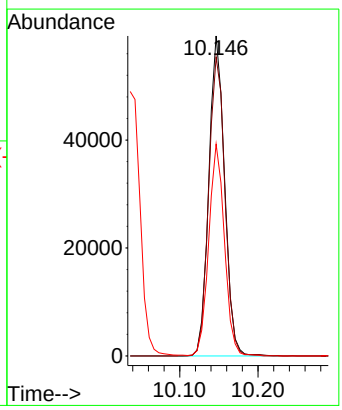
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

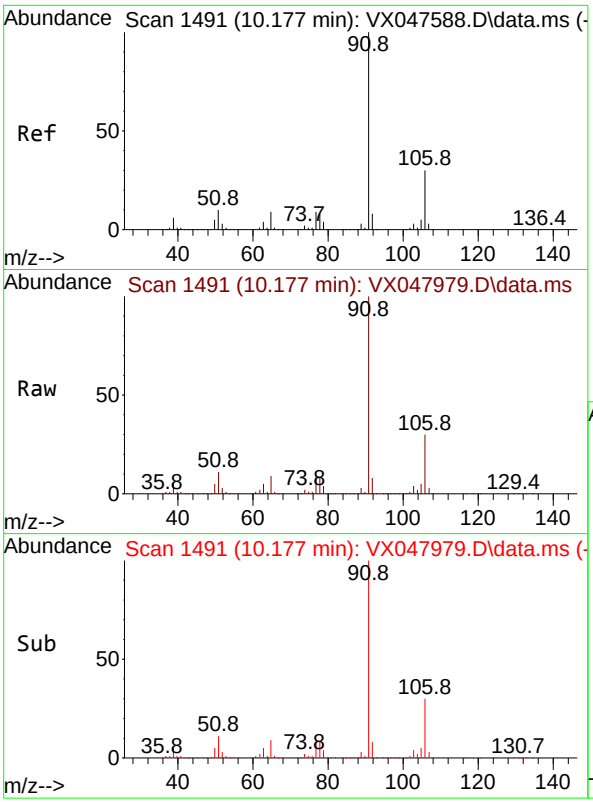


#66
1,1,1,2-Tetrachloroethane
Concen: 49.285 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:131 Resp: 82624

Ion	Ratio	Lower	Upper
131	100		
133	96.6	47.3	142.0
119	66.0	32.0	96.0

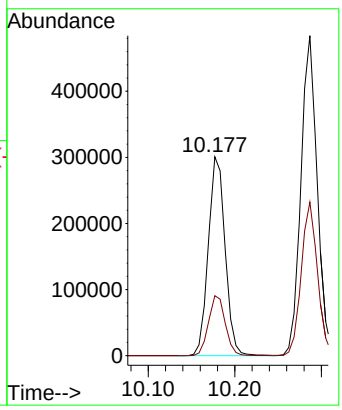




#67
Ethyl Benzene
Concen: 48.454 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 91 Resp: 40617

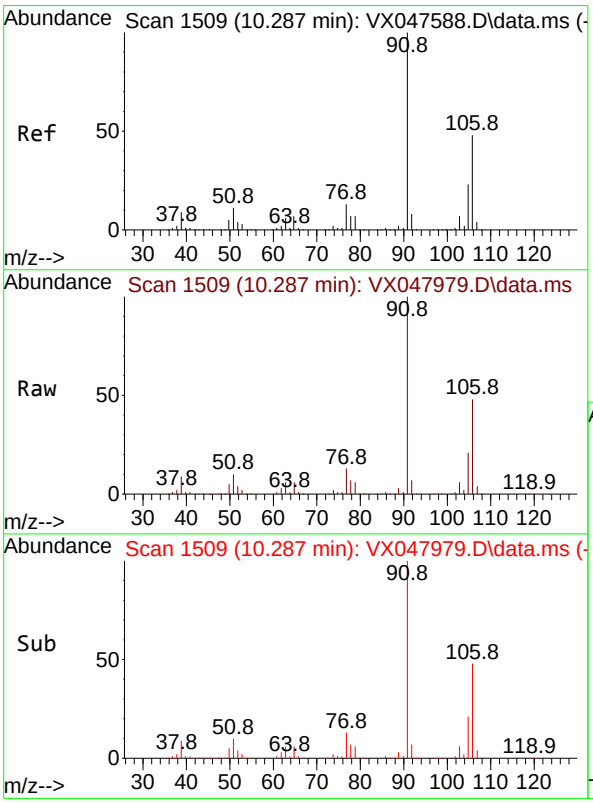
Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.3	36.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

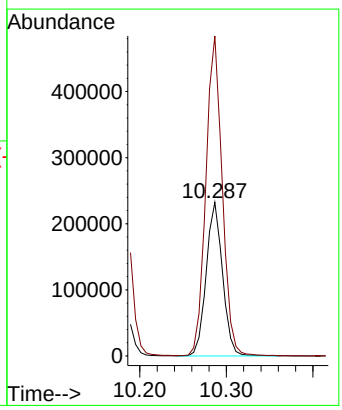
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

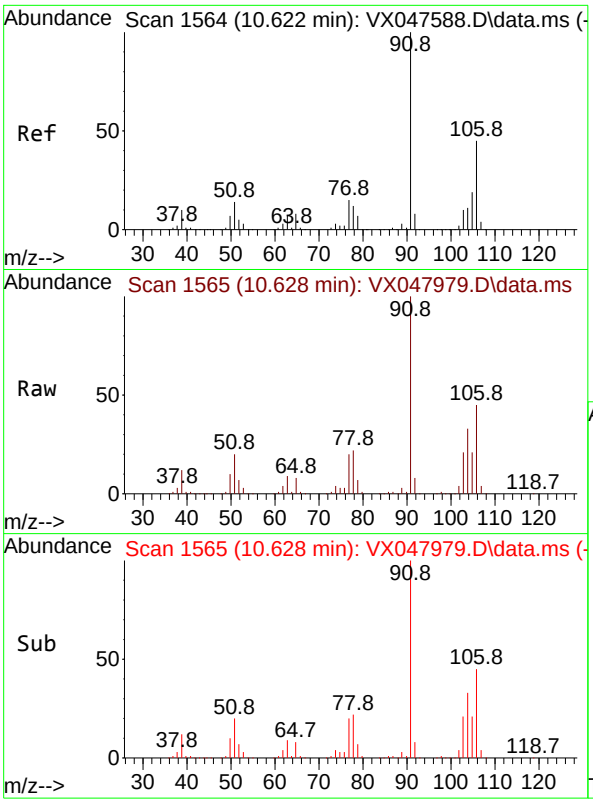


#68
m/p-Xylenes
Concen: 97.626 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:106 Resp: 304598

Ion	Ratio	Lower	Upper
106	100		
91	209.2	167.8	251.8

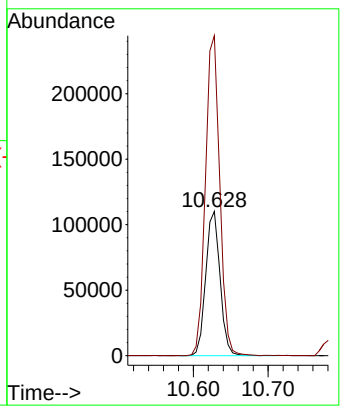




#69
o-Xylene
Concen: 48.514 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:106 Resp: 14640

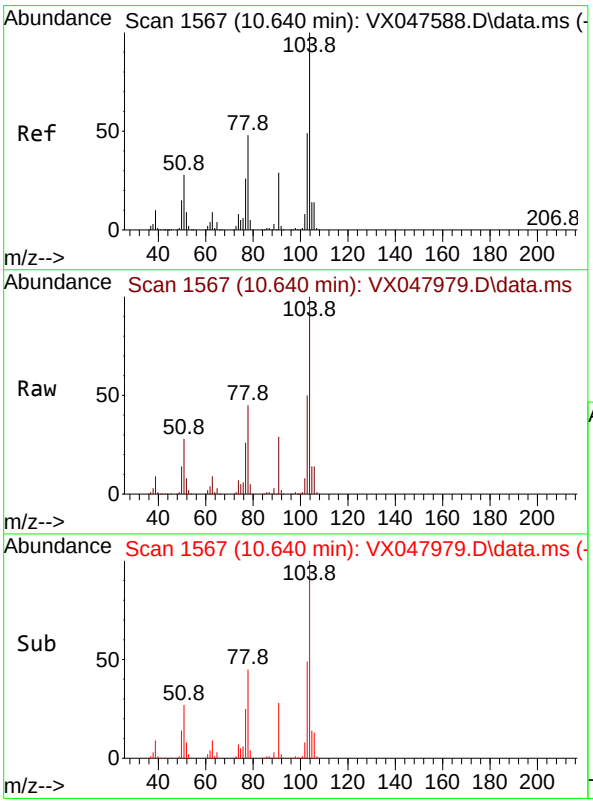
Ion	Ratio	Lower	Upper
106	100		
91	221.5	111.1	333.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

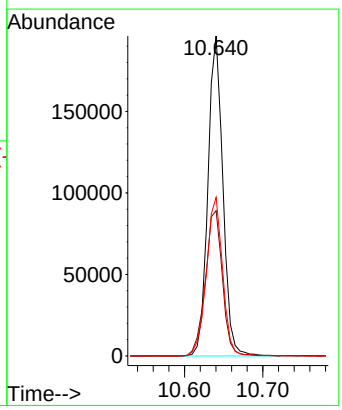
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

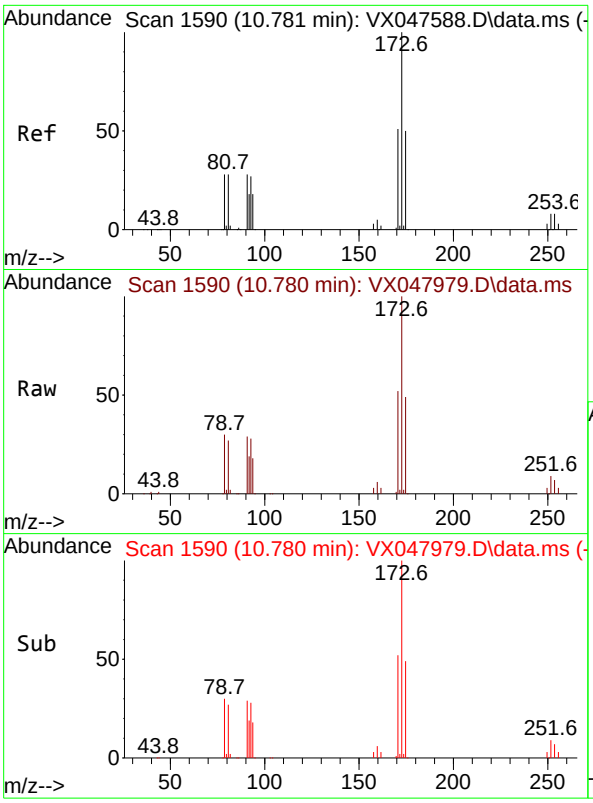


#70
Styrene
Concen: 49.149 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:104 Resp: 259892

Ion	Ratio	Lower	Upper
104	100		
78	51.9	43.1	64.7
103	53.9	43.1	64.7

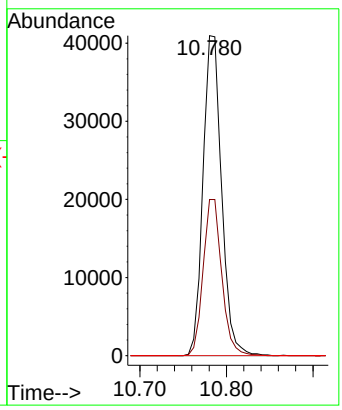




#71
Bromoform
Concen: 48.745 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:173 Resp: 6101

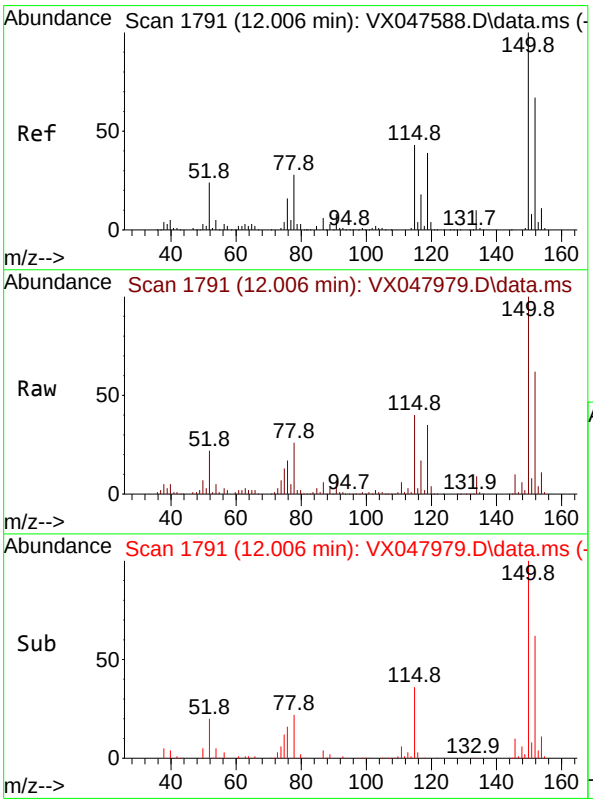
Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.9	74.6
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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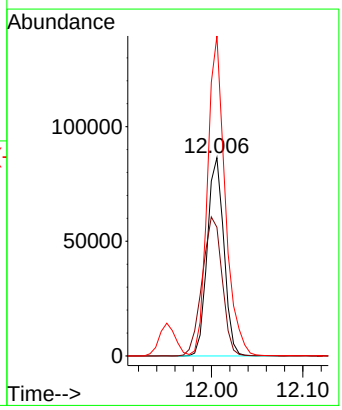
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

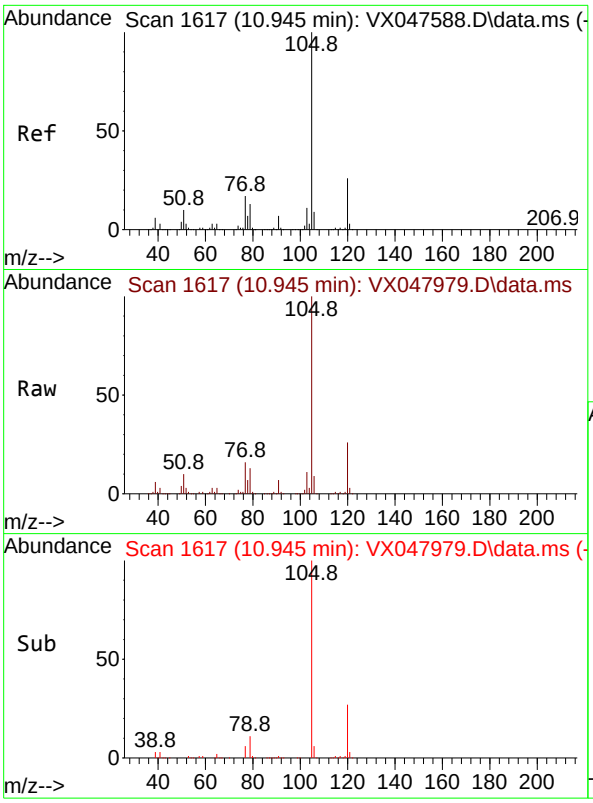


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:152 Resp: 108599

Ion	Ratio	Lower	Upper
152	100		
115	84.6	44.9	134.5
150	171.3	0.0	352.0

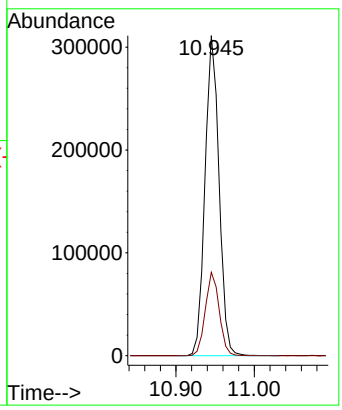




#73
Isopropylbenzene
Concen: 46.666 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:105 Resp: 38529

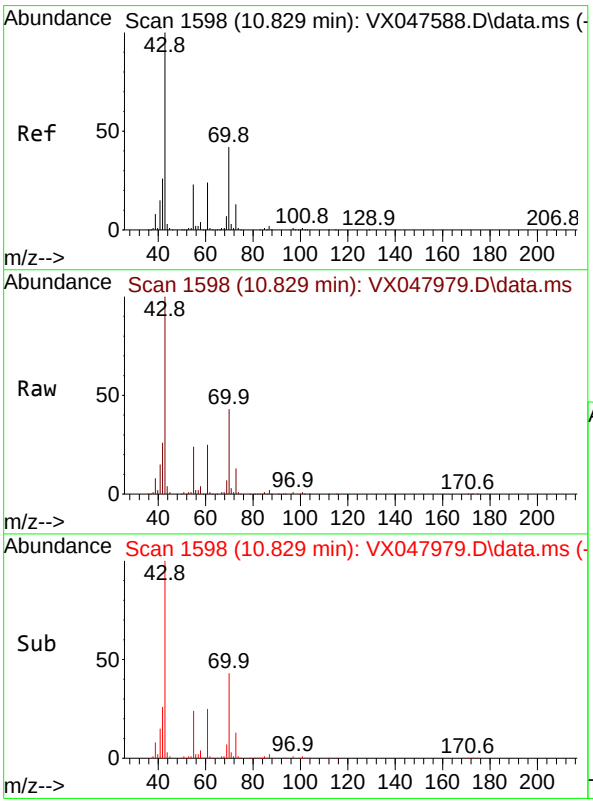
Ion	Ratio	Lower	Upper
105	100		
120	25.8	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

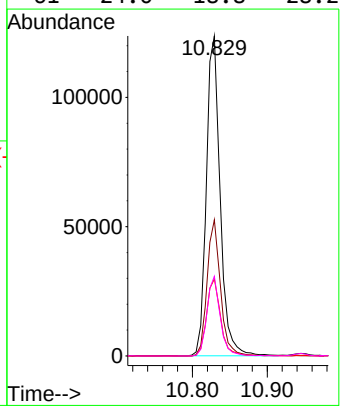
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

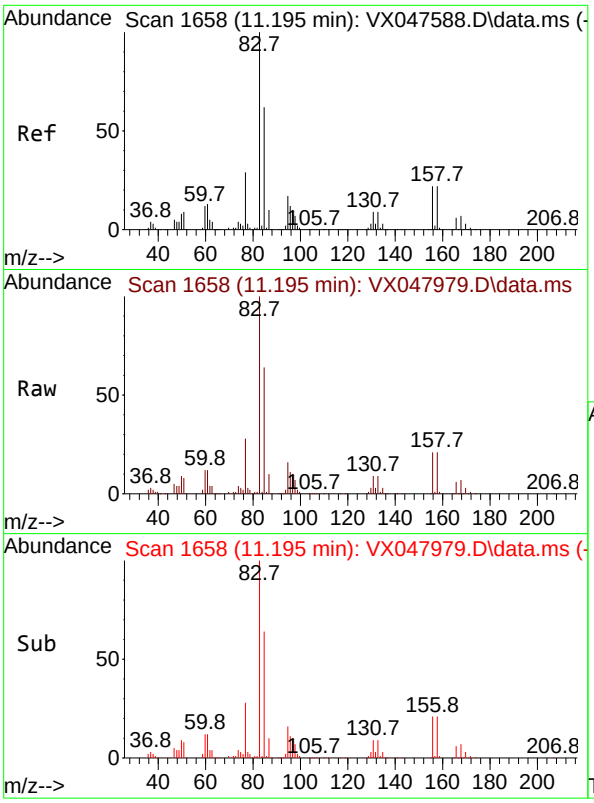


#74
N-amyl acetate
Concen: 42.086 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 43 Resp: 158457

Ion	Ratio	Lower	Upper
43	100		
70	41.6	32.0	48.0
55	24.5	18.9	28.3
61	24.0	18.8	28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 46.883 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

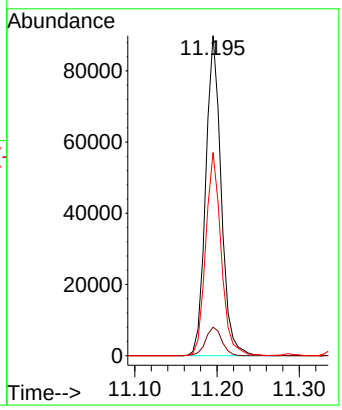
Tgt Ion: 83 Resp: 11711

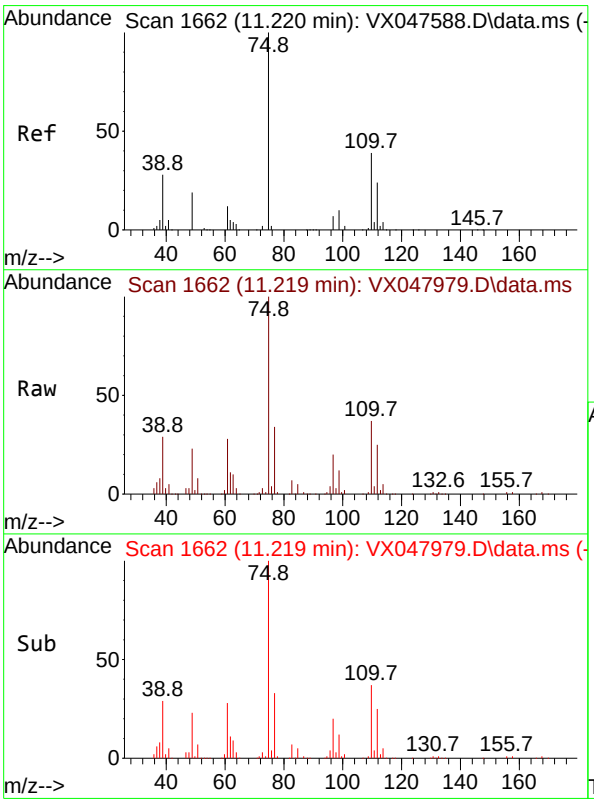
Ion	Ratio	Lower	Upper
83	100		
131	9.4	5.0	14.9
85	63.7	31.6	95.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

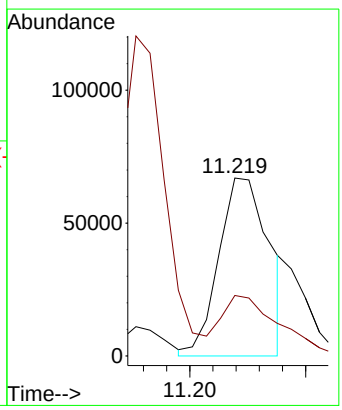


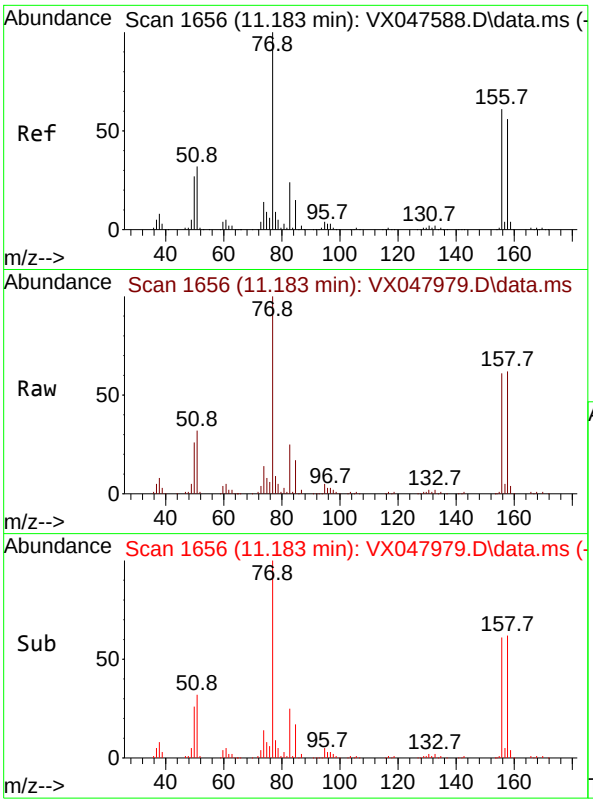


#76
1,2,3-Trichloropropane
Concen: 45.987 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 75 Resp: 101116

Ion	Ratio	Lower	Upper
75	100		
77	38.7	18.8	56.4

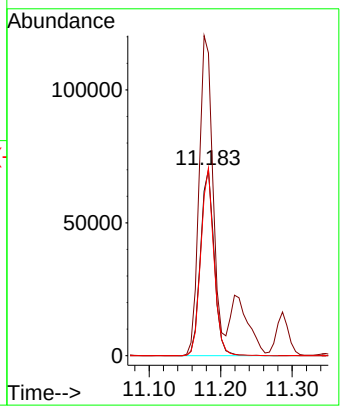




#77
Bromobenzene
Concen: 45.476 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:156 Resp: 9247

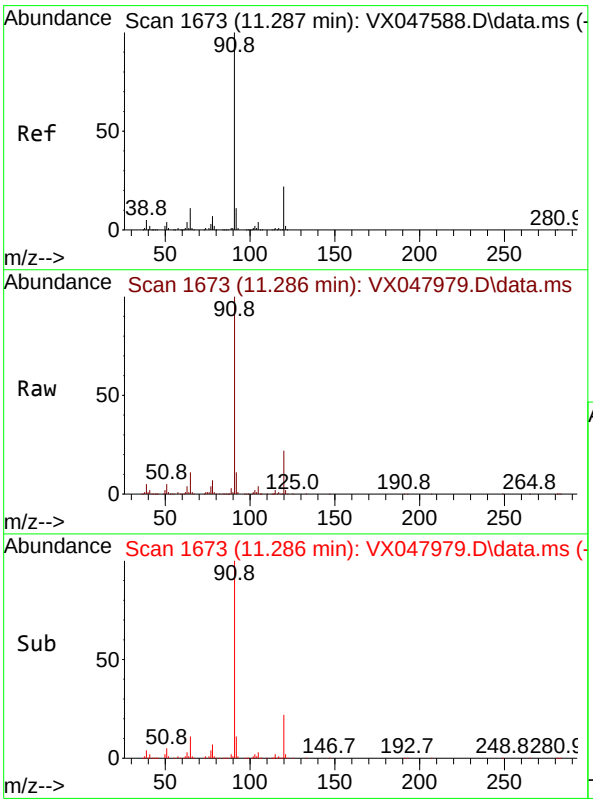
Ion	Ratio	Lower	Upper
156	100		
77	175.8	89.7	269.1
158	98.1	47.9	143.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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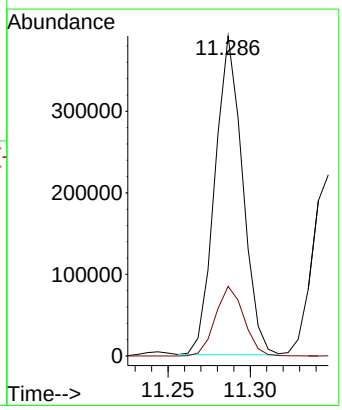
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

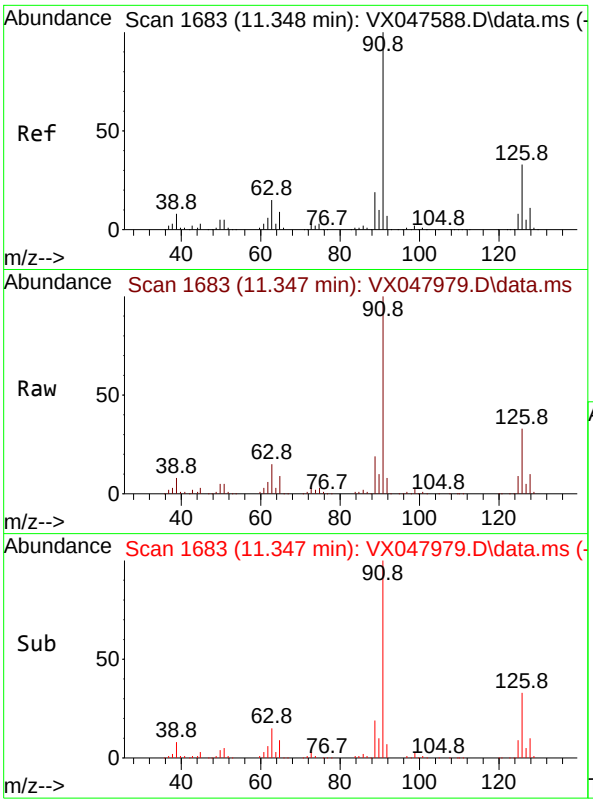


#78
n-propylbenzene
Concen: 46.893 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 91 Resp: 457681

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.1	33.1

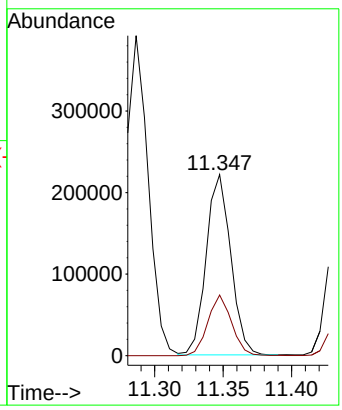




#79
2-Chlorotoluene
Concen: 46.117 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 91 Resp: 27568

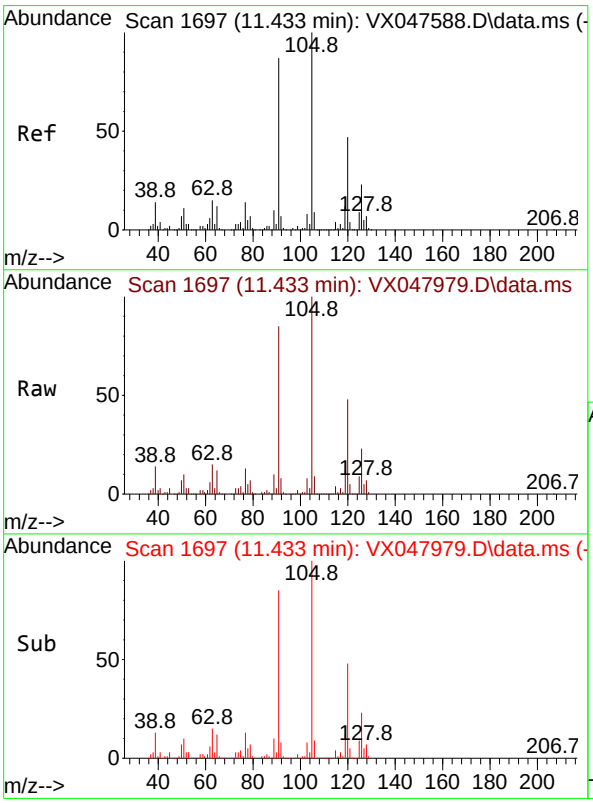
Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.1	48.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

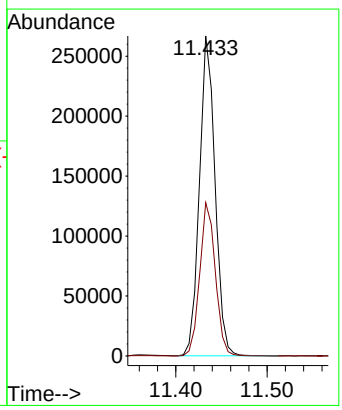
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

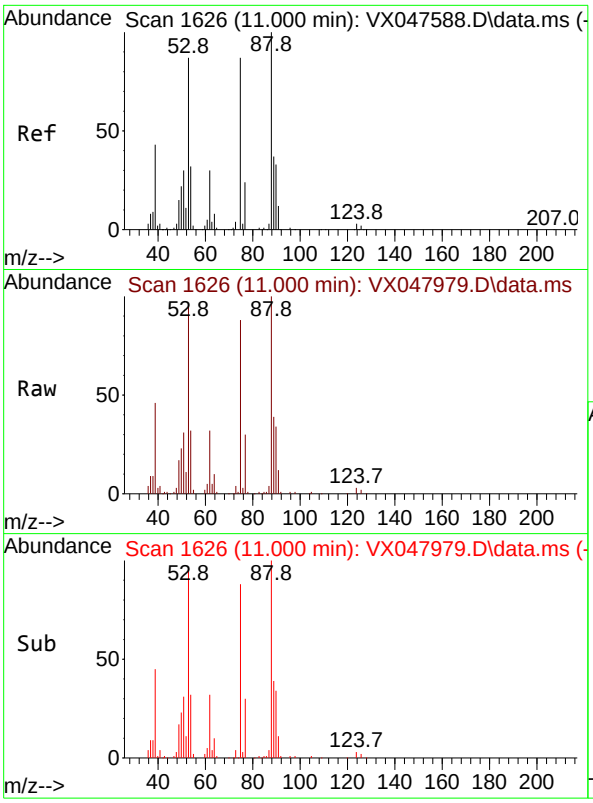


#80
1,3,5-Trimethylbenzene
Concen: 46.738 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:105 Resp: 317038

Ion	Ratio	Lower	Upper
105	100		
120	48.0	23.6	70.8

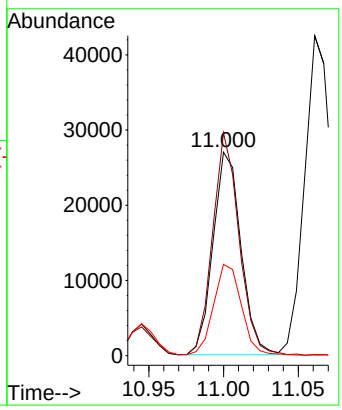




#81
trans-1,4-Dichloro-2-butene
Concen: 40.557 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 75 Resp: 3496

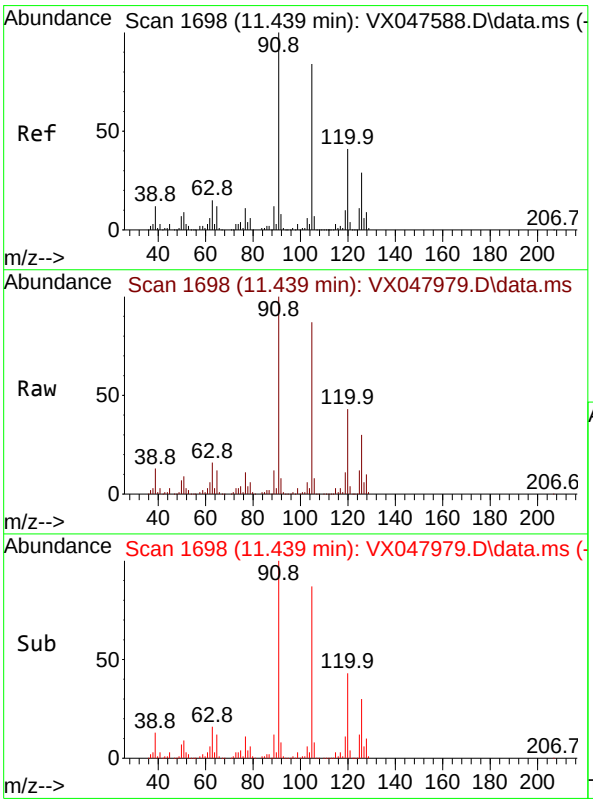
Ion	Ratio	Lower	Upper
75	100		
53	105.4	83.4	125.2
89	44.9	36.3	54.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

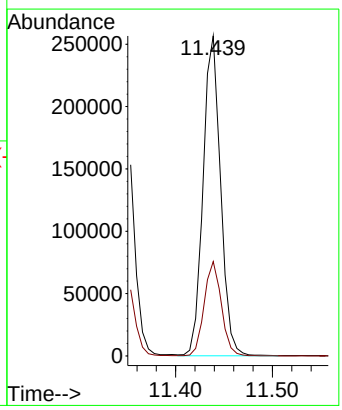
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

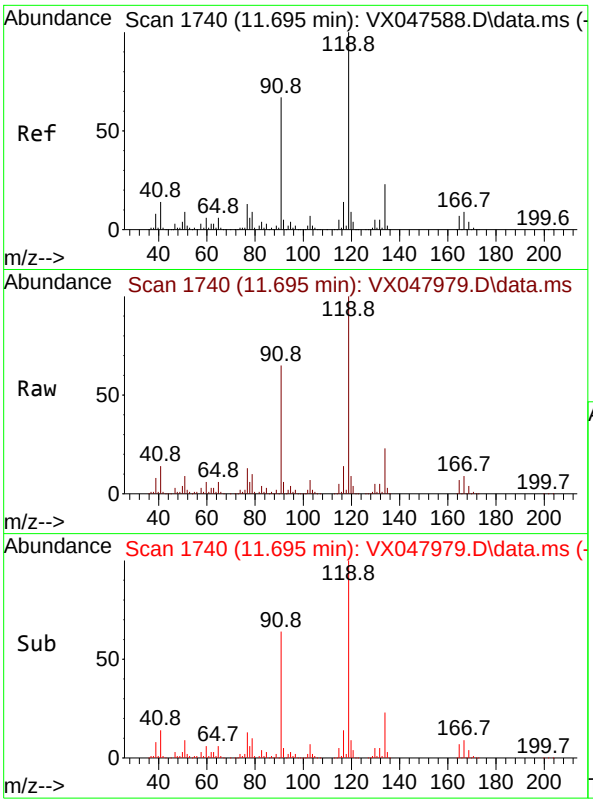


#82
4-Chlorotoluene
Concen: 45.793 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 91 Resp: 323303

Ion	Ratio	Lower	Upper
91	100		
126	29.2	14.2	42.6

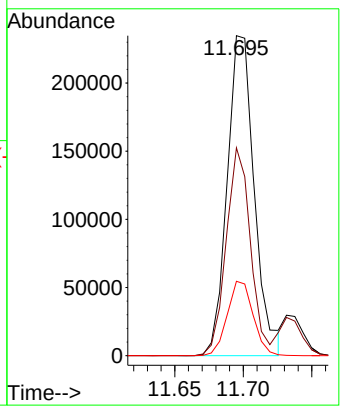




#83
tert-Butylbenzene
Concen: 46.594 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

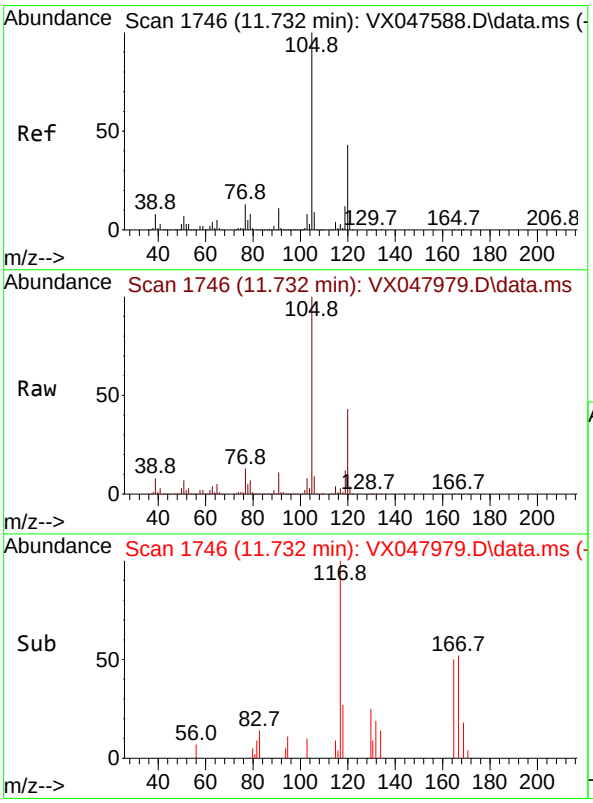
Tgt Ion:119 Resp: 32355

Ion	Ratio	Lower	Upper
119	100		
91	58.0	29.6	88.8
134	22.2	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

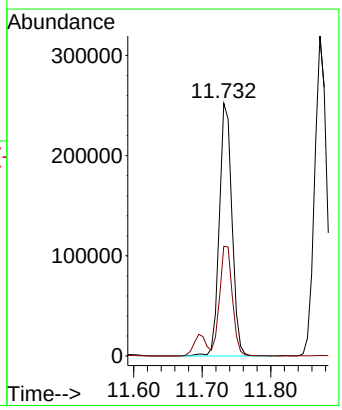
Manual Integrations APPROVED
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

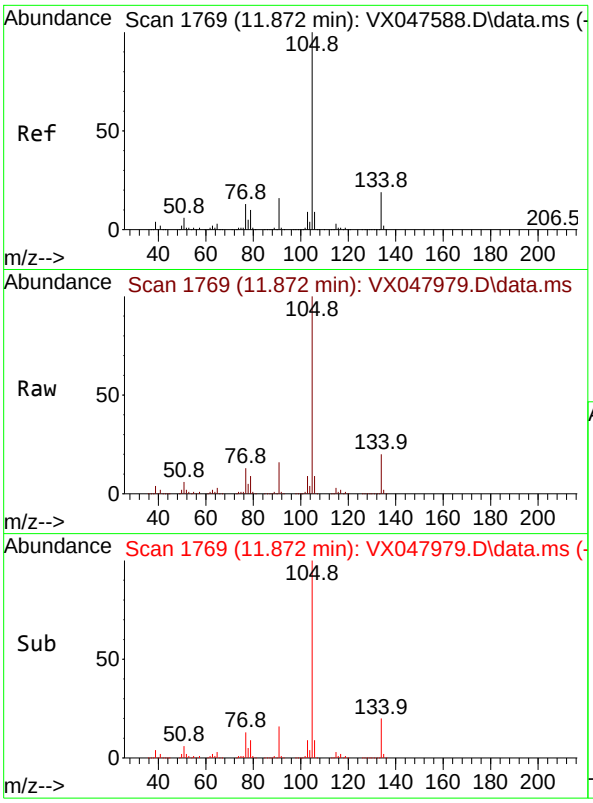


#84
1,2,4-Trimethylbenzene
Concen: 46.716 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:105 Resp: 321278

Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.1	66.1

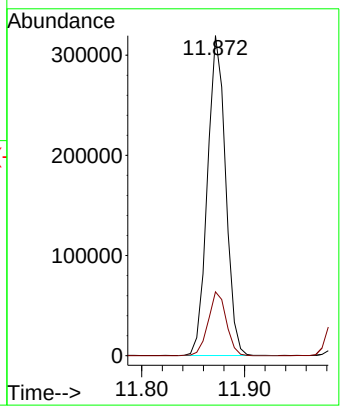




#85
sec-Butylbenzene
Concen: 47.516 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:105 Resp: 39191

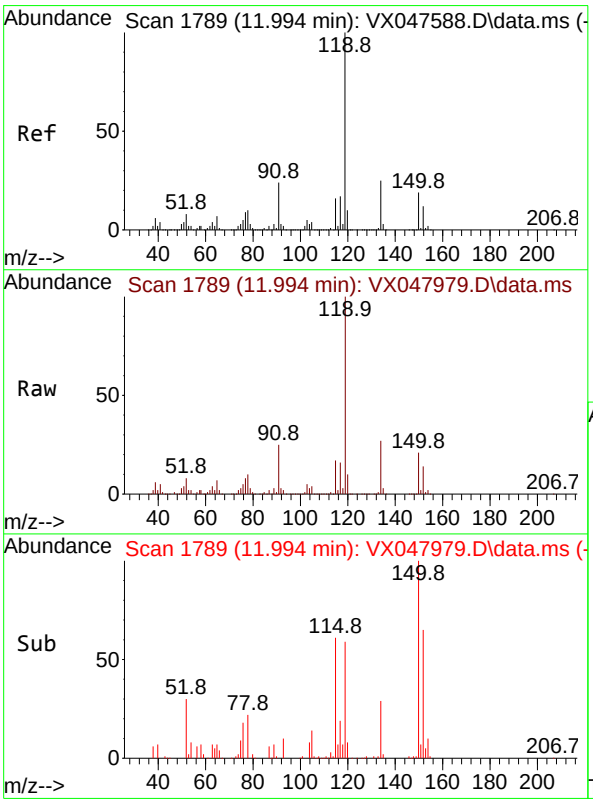
Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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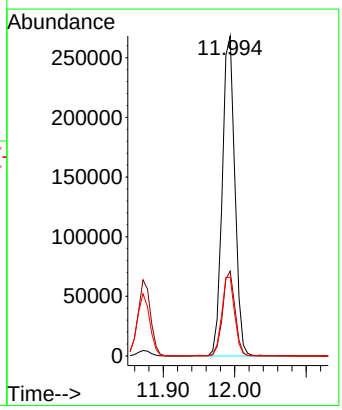
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

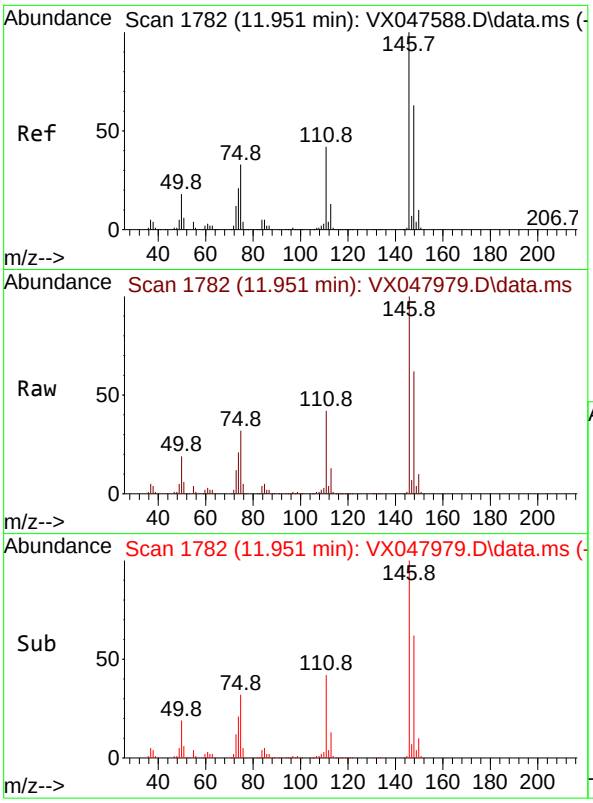


#86
p-Isopropyltoluene
Concen: 47.025 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:119 Resp: 328364

Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.6	37.8
91	25.2	12.6	37.6

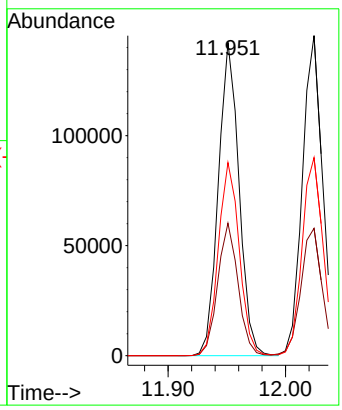




#87
1,3-Dichlorobenzene
Concen: 46.152 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:146 Resp: 17431

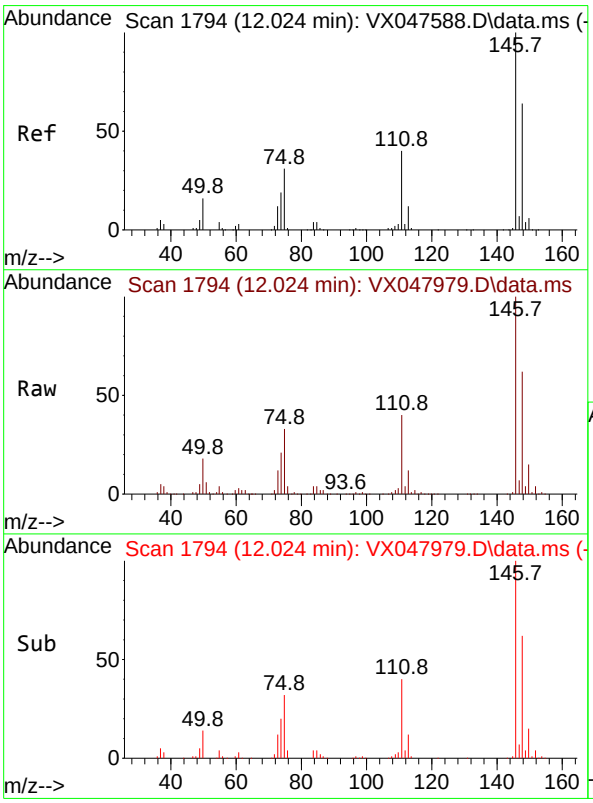
Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.5	64.5
148	62.5	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

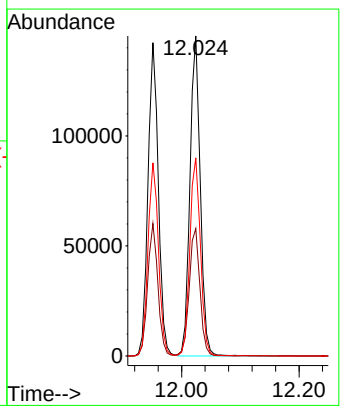
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

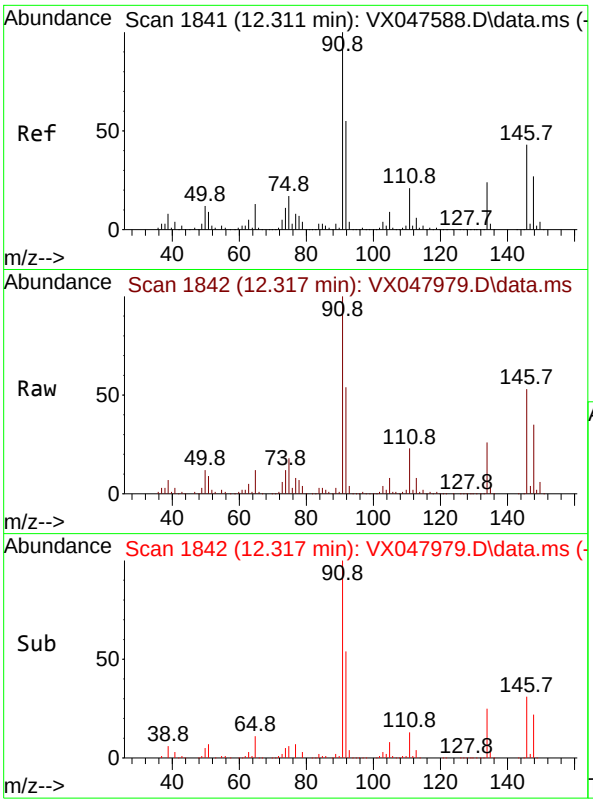


#88
1,4-Dichlorobenzene
Concen: 45.620 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:146 Resp: 176848

Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.8	62.4
148	63.7	31.7	95.1

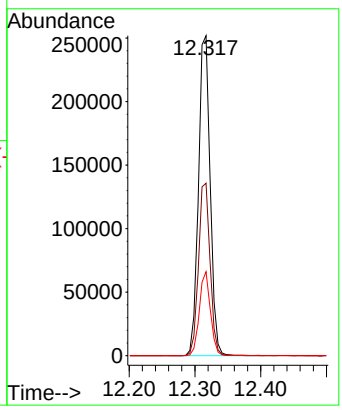




#89
n-Butylbenzene
Concen: 48.088 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 91 Resp: 31070

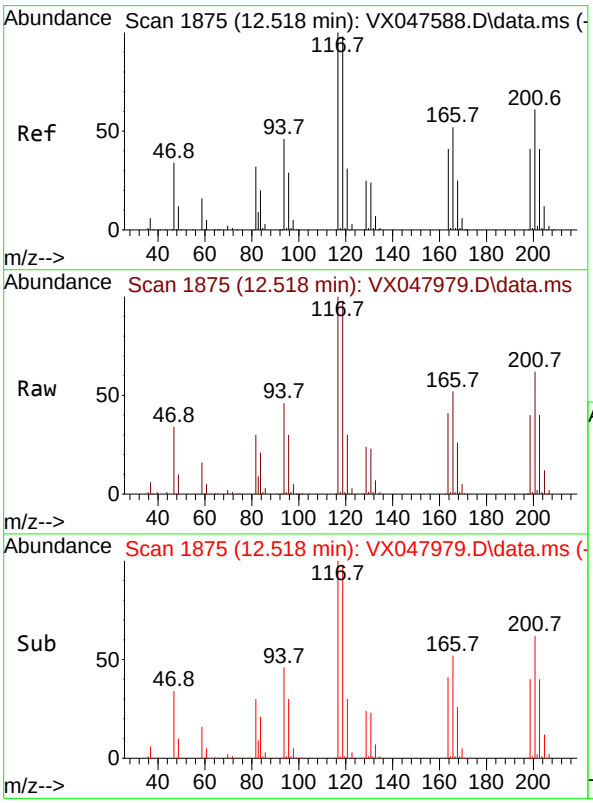
Ion	Ratio	Lower	Upper
91	100		
92	53.5	27.6	82.7
134	24.8	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

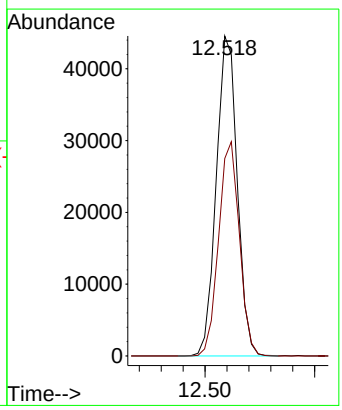
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

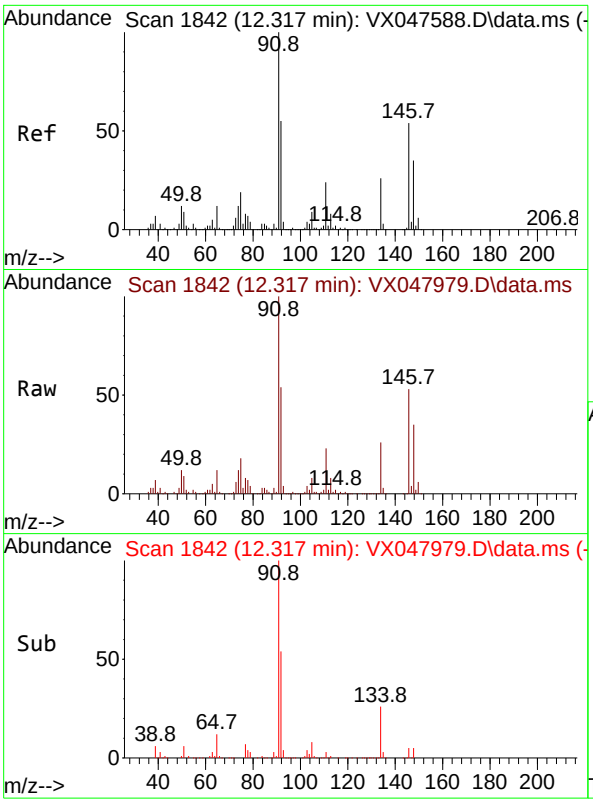


#90
Hexachloroethane
Concen: 48.353 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:117 Resp: 59279

Ion	Ratio	Lower	Upper
117	100		
201	66.4	34.2	102.5

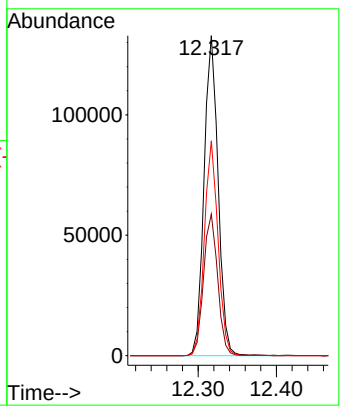




#91
1,2-Dichlorobenzene
Concen: 45.878 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:146 Resp: 16508

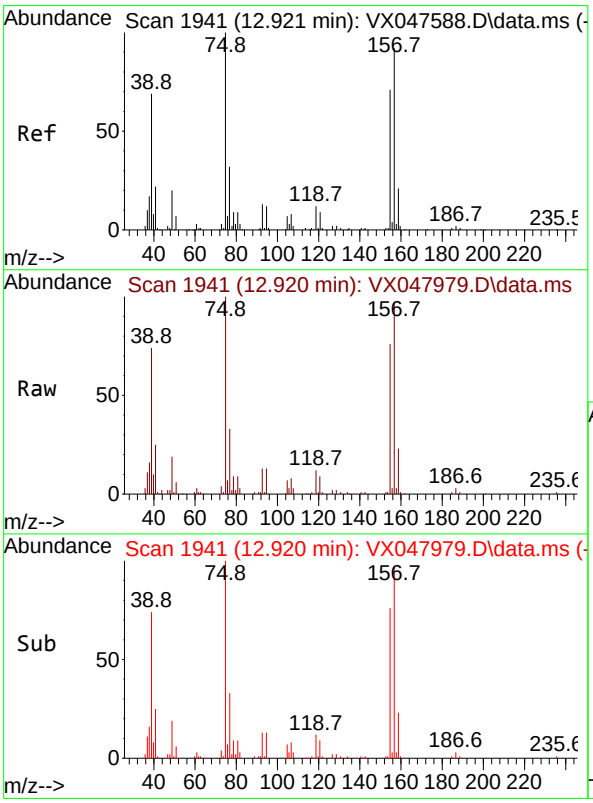
Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.2	66.6
148	65.4	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

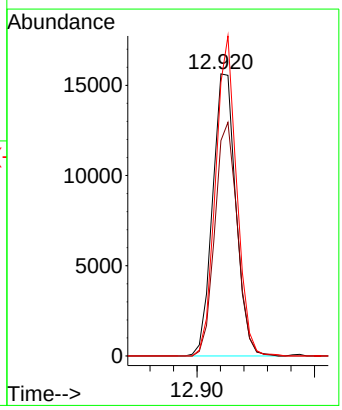
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

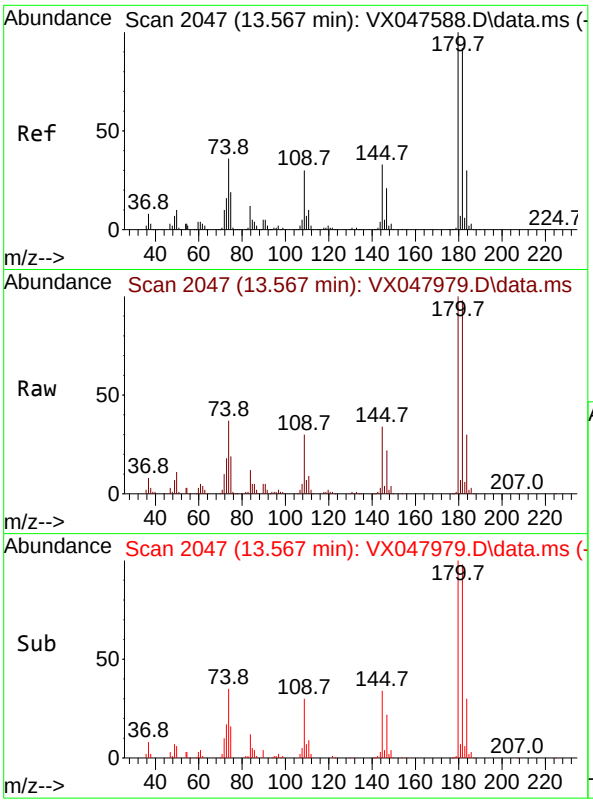


#92
1,2-Dibromo-3-Chloropropane
Concen: 42.569 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 75 Resp: 21529

Ion	Ratio	Lower	Upper
75	100		
155	79.9	37.7	113.1
157	102.8	49.8	149.4

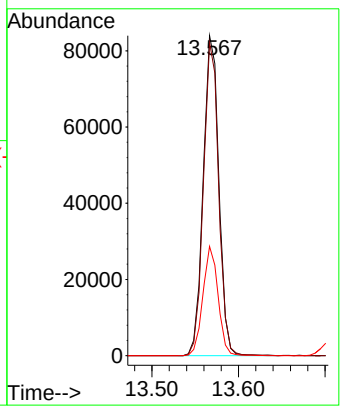




#93
1,2,4-Trichlorobenzene
Concen: 44.982 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:180 Resp: 10519

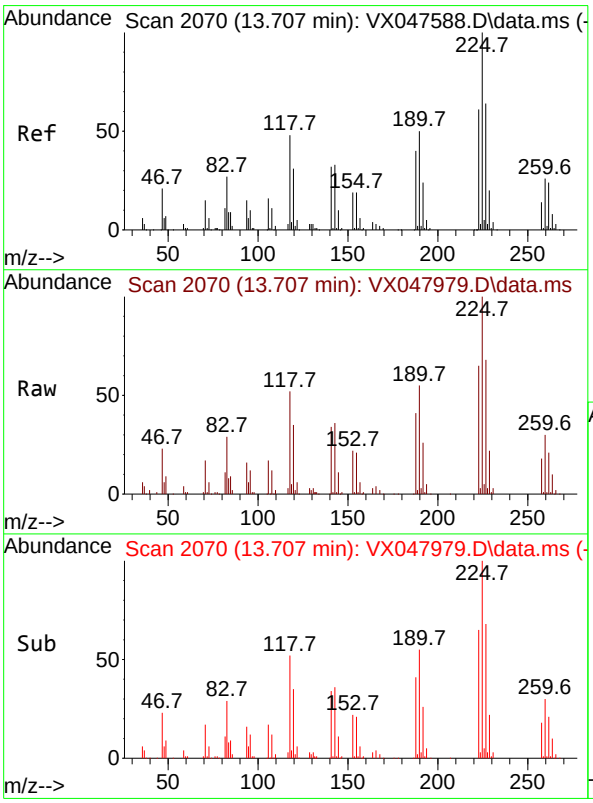
Ion	Ratio	Lower	Upper
180	100		
182	95.6	46.6	139.8
145	33.3	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

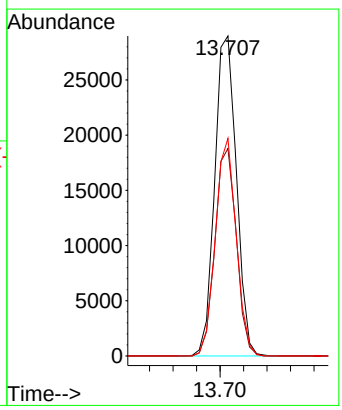
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

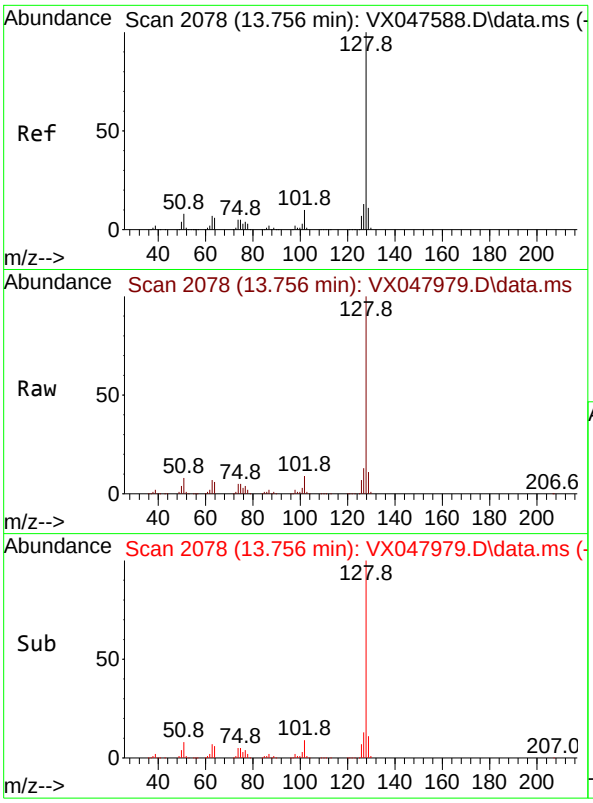


#94
Hexachlorobutadiene
Concen: 46.864 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:225 Resp: 37227

Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.7	95.1
227	65.3	32.0	96.0

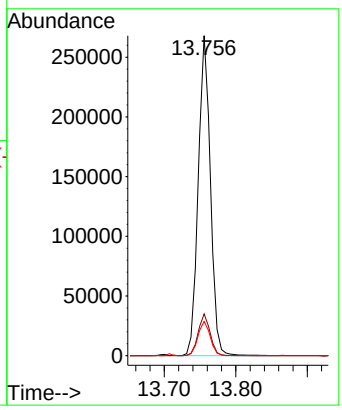




#95
Naphthalene
Concen: 44.430 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:128 Resp: 31640

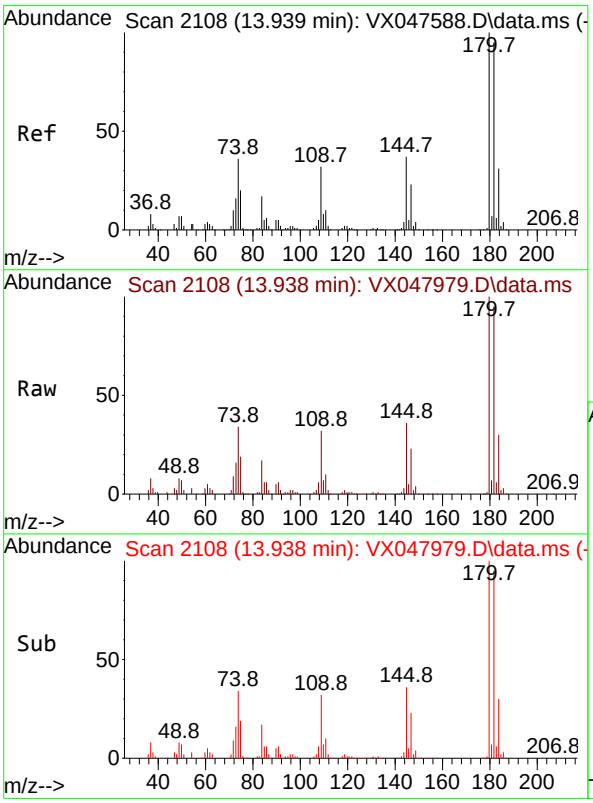
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.8	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

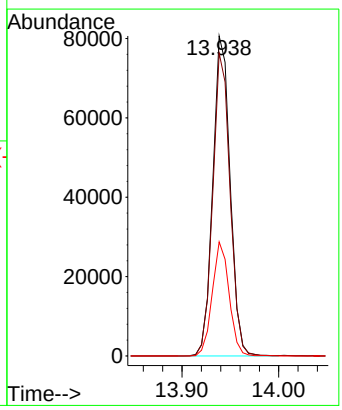
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 46.085 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:180 Resp: 100255

Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.6	142.8
145	34.8	17.9	53.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047979.D
Acq On : 02 Oct 2025 18:58
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 03 03:37:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	79	0.00
2	T	Dichlorodifluoromethane	0.518	0.504	2.7	79	0.00
3	P	Chloromethane	0.680	0.565	16.9	67	0.00
4	C	Vinyl Chloride	0.666	0.606	9.0#	72	0.00
5	T	Bromomethane	0.422	0.397	5.9	74	0.00
6	T	Chloroethane	0.445	0.403	9.4	72	0.00
7	T	Trichlorofluoromethane	0.989	0.943	4.7	75	0.00
8	T	Diethyl Ether	0.405	0.356	12.1	69	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.578	0.576	0.3	78	0.00
10	T	Methyl Iodide	0.902	0.748	17.1	65	0.00
11	T	Tert butyl alcohol	0.089	0.068	23.6	60	0.00
12	CM	1,1-Dichloroethene	0.594	0.555	6.6#	72	0.00
13	T	Acrolein	0.082	0.063	23.2	61	0.00
14	T	Allyl chloride	1.226	1.041	15.1	68	0.00
15	T	Acrylonitrile	0.328	0.303	7.6	69	0.00
16	T	Acetone	0.346	0.233	32.7#	58	0.00
17	T	Carbon Disulfide	1.626	1.369	15.8	69	0.00
18	T	Methyl Acetate	0.770	0.739	4.0	66	0.00
19	T	Methyl tert-butyl Ether	2.169	1.936	10.7	68	0.00
20	T	Methylene Chloride	0.732	0.653	10.8	71	0.00
21	T	trans-1,2-Dichloroethene	0.640	0.580	9.4	70	0.00
22	T	Diisopropyl ether	2.376	2.196	7.6	70	0.00
23	T	Vinyl Acetate	1.901	1.712	9.9	68	0.00
24	P	1,1-Dichloroethane	1.263	1.188	5.9	72	0.00
25	T	2-Butanone	0.432	0.356	17.6	64	0.00
26	T	2,2-Dichloropropane	1.050	0.881	16.1	65	0.00
27	T	cis-1,2-Dichloroethene	0.783	0.717	8.4	70	0.00
28	T	Bromochloromethane	0.551	0.552	-0.2	75	0.00
29	T	Tetrahydrofuran	0.260	0.223	14.2	64	0.00
30	C	Chloroform	1.276	1.229	3.7#	73	0.00
31	T	Cyclohexane	1.052	0.923	12.3	71	0.00
32	T	1,1,1-Trichloroethane	1.082	1.053	2.7	74	0.00
33	S	1,2-Dichloroethane-d4	0.796	0.736	7.5	75	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	76	0.00
35	S	Dibromofluoromethane	0.335	0.338	-0.9	78	0.00
36	T	1,1-Dichloropropene	0.490	0.453	7.6	71	0.00
37	T	Ethyl Acetate	0.525	0.451	14.1	64	0.00
38	T	Carbon Tetrachloride	0.532	0.512	3.8	72	0.00
39	T	Methylcyclohexane	0.556	0.527	5.2	71	0.00
40	TM	Benzene	1.488	1.435	3.6	72	0.00
41	T	Methacrylonitrile	0.271	0.255	5.9	68	0.00
42	TM	1,2-Dichloroethane	0.566	0.530	6.4	69	0.00
43	T	Isopropyl Acetate	0.860	0.778	9.5	66	0.00
44	TM	Trichloroethene	0.360	0.351	2.5	72	0.00
45	C	1,2-Dichloropropane	0.381	0.380	0.3#	73	0.00
46	T	Dibromomethane	0.277	0.266	4.0	70	0.00
47	T	Bromodichloromethane	0.572	0.568	0.7	71	0.00
48	T	Methyl methacrylate	0.429	0.392	8.6	66	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047979.D
Acq On : 02 Oct 2025 18:58
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 03 03:37:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.004	0.004	0.0	65	0.00
50	S	Toluene-d8	1.160	1.196	-3.1	79	0.00
51	T	4-Methyl-2-Pentanone	0.477	0.455	4.6	68	0.00
52	CM	Toluene	0.917	0.896	2.3#	73	0.00
53	T	t-1,3-Dichloropropene	0.584	0.560	4.1	69	0.00
54	T	cis-1,3-Dichloropropene	0.624	0.603	3.4	70	0.00
55	T	1,1,2-Trichloroethane	0.354	0.355	-0.3	74	0.00
56	T	Ethyl methacrylate	0.555	0.538	3.1	68	0.00
57	T	1,3-Dichloropropane	0.607	0.615	-1.3	73	0.00
58	T	2-Chloroethyl Vinyl ether	0.227	0.283	-24.7	79	0.00
59	T	2-Hexanone	0.343	0.312	9.0	66	0.00
60	T	Dibromochloromethane	0.407	0.417	-2.5	73	0.00
61	T	1,2-Dibromoethane	0.360	0.365	-1.4	73	0.00
62	S	4-Bromofluorobenzene	0.440	0.452	-2.7	81	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	79	0.00
64	T	Tetrachloroethene	0.326	0.310	4.9	75	0.00
65	PM	Chlorobenzene	1.136	1.099	3.3	74	0.00
66	T	1,1,1,2-Tetrachloroethane	0.392	0.386	1.5	74	0.00
67	C	Ethyl Benzene	1.960	1.899	3.1#	74	0.00
68	T	m/p-Xylenes	0.729	0.712	2.3	74	0.00
69	T	o-Xylene	0.706	0.685	3.0	72	0.00
70	T	Styrene	1.236	1.215	1.7	74	0.00
71	P	Bromoform	0.293	0.285	2.7	72	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73	T	Isopropylbenzene	3.801	3.548	6.7	75	0.00
74	T	N-amyl acetate	1.733	1.459	15.8	67	0.00
75	P	1,1,2,2-Tetrachloroethane	1.150	1.078	6.3	75	0.00
76	T	1,2,3-Trichloropropane	1.012	0.931	8.0	70	0.00
77	T	Bromobenzene	0.936	0.852	9.0	73	0.00
78	T	n-propylbenzene	4.494	4.214	6.2	75	0.00
79	T	2-Chlorotoluene	2.752	2.539	7.7	74	0.00
80	T	1,3,5-Trimethylbenzene	3.123	2.919	6.5	74	0.00
81	T	trans-1,4-Dichloro-2-butene	0.397	0.322	18.9	66	0.00
82	T	4-Chlorotoluene	3.251	2.977	8.4	74	0.00
83	T	tert-Butylbenzene	3.197	2.979	6.8	75	0.00
84	T	1,2,4-Trimethylbenzene	3.166	2.958	6.6	75	0.00
85	T	sec-Butylbenzene	3.797	3.609	5.0	76	0.00
86	T	p-Isopropyltoluene	3.215	3.024	5.9	75	0.00
87	T	1,3-Dichlorobenzene	1.739	1.605	7.7	75	0.00
88	T	1,4-Dichlorobenzene	1.785	1.628	8.8	76	0.00
89	T	n-Butylbenzene	2.975	2.861	3.8	77	0.00
90	T	Hexachloroethane	0.564	0.546	3.2	78	0.00
91	T	1,2-Dichlorobenzene	1.657	1.520	8.3	74	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.233	0.198	15.0	66	0.00
93	T	1,2,4-Trichlorobenzene	1.077	0.969	10.0	71	0.00
94	T	Hexachlorobutadiene	0.366	0.343	6.3	76	0.00
95	T	Naphthalene	3.279	2.913	11.2	70	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047979.D
Acq On : 02 Oct 2025 18:58
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 03 03:37:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.002	0.923	7.9	72	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047979.D
Acq On : 02 Oct 2025 18:58
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 03 03:37:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	79	0.00
2	T	Dichlorodifluoromethane	50.000	48.716	2.6	79	0.00
3	P	Chloromethane	50.000	41.545	16.9	67	0.00
4	C	Vinyl Chloride	50.000	45.497	9.0#	72	0.00
5	T	Bromomethane	50.000	46.973	6.1	74	0.00
6	T	Chloroethane	50.000	45.213	9.6	72	0.00
7	T	Trichlorofluoromethane	50.000	47.684	4.6	75	0.00
8	T	Diethyl Ether	50.000	44.011	12.0	69	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.774	0.5	78	0.00
10	T	Methyl Iodide	50.000	41.443	17.1	65	0.00
11	T	Tert butyl alcohol	250.000	191.421	23.4	60	0.00
12	CM	1,1-Dichloroethene	50.000	46.706	6.6#	72	0.00
13	T	Acrolein	250.000	192.824	22.9	61	0.00
14	T	Allyl chloride	50.000	42.461	15.1	68	0.00
15	T	Acrylonitrile	250.000	230.767	7.7	69	0.00
16	T	Acetone	250.000	168.327	32.7#	58	0.00
17	T	Carbon Disulfide	50.000	42.101	15.8	69	0.00
18	T	Methyl Acetate	50.000	47.987	4.0	66	0.00
19	T	Methyl tert-butyl Ether	50.000	44.633	10.7	68	0.00
20	T	Methylene Chloride	50.000	44.585	10.8	71	0.00
21	T	trans-1,2-Dichloroethene	50.000	45.306	9.4	70	0.00
22	T	Diisopropyl ether	50.000	46.214	7.6	70	0.00
23	T	Vinyl Acetate	250.000	225.049	10.0	68	0.00
24	P	1,1-Dichloroethane	50.000	47.048	5.9	72	0.00
25	T	2-Butanone	250.000	206.107	17.6	64	0.00
26	T	2,2-Dichloropropane	50.000	41.955	16.1	65	0.00
27	T	cis-1,2-Dichloroethene	50.000	45.745	8.5	70	0.00
28	T	Bromochloromethane	50.000	50.068	-0.1	75	0.00
29	T	Tetrahydrofuran	250.000	215.165	13.9	64	0.00
30	C	Chloroform	50.000	48.152	3.7#	73	0.00
31	T	Cyclohexane	50.000	43.897	12.2	71	0.00
32	T	1,1,1-Trichloroethane	50.000	48.646	2.7	74	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.218	7.6	75	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	76	0.00
35	S	Dibromofluoromethane	50.000	50.346	-0.7	78	0.00
36	T	1,1-Dichloropropene	50.000	46.260	7.5	71	0.00
37	T	Ethyl Acetate	50.000	42.948	14.1	64	0.00
38	T	Carbon Tetrachloride	50.000	48.086	3.8	72	0.00
39	T	Methylcyclohexane	50.000	47.401	5.2	71	0.00
40	TM	Benzene	50.000	48.202	3.6	72	0.00
41	T	Methacrylonitrile	50.000	47.082	5.8	68	0.00
42	TM	1,2-Dichloroethane	50.000	46.830	6.3	69	0.00
43	T	Isopropyl Acetate	50.000	45.224	9.6	66	0.00
44	TM	Trichloroethene	50.000	48.812	2.4	72	0.00
45	C	1,2-Dichloropropane	50.000	49.920	0.2#	73	0.00
46	T	Dibromomethane	50.000	47.990	4.0	70	0.00
47	T	Bromodichloromethane	50.000	49.599	0.8	71	0.00
48	T	Methyl methacrylate	50.000	45.781	8.4	66	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047979.D
Acq On : 02 Oct 2025 18:58
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 03 03:37:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	941.858	5.8	65	0.00
50	S	Toluene-d8	50.000	51.552	-3.1	79	0.00
51	T	4-Methyl-2-Pentanone	250.000	238.660	4.5	68	0.00
52	CM	Toluene	50.000	48.861	2.3#	73	0.00
53	T	t-1,3-Dichloropropene	50.000	47.963	4.1	69	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.296	3.4	70	0.00
55	T	1,1,2-Trichloroethane	50.000	50.244	-0.5	74	0.00
56	T	Ethyl methacrylate	50.000	48.455	3.1	68	0.00
57	T	1,3-Dichloropropane	50.000	50.605	-1.2	73	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	265.571	-6.2	79	0.00
59	T	2-Hexanone	250.000	227.424	9.0	66	0.00
60	T	Dibromochloromethane	50.000	51.215	-2.4	73	0.00
61	T	1,2-Dibromoethane	50.000	50.656	-1.3	73	0.00
62	S	4-Bromofluorobenzene	50.000	51.352	-2.7	81	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	79	0.00
64	T	Tetrachloroethene	50.000	47.615	4.8	75	0.00
65	PM	Chlorobenzene	50.000	48.361	3.3	74	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.285	1.4	74	0.00
67	C	Ethyl Benzene	50.000	48.454	3.1#	74	0.00
68	T	m/p-Xylenes	100.000	97.626	2.4	74	0.00
69	T	o-Xylene	50.000	48.514	3.0	72	0.00
70	T	Styrene	50.000	49.149	1.7	74	0.00
71	P	Bromoform	50.000	48.745	2.5	72	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73	T	Isopropylbenzene	50.000	46.666	6.7	75	0.00
74	T	N-amyl acetate	50.000	42.086	15.8	67	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.883	6.2	75	0.00
76	T	1,2,3-Trichloropropane	50.000	45.987	8.0	70	0.00
77	T	Bromobenzene	50.000	45.476	9.0	73	0.00
78	T	n-propylbenzene	50.000	46.893	6.2	75	0.00
79	T	2-Chlorotoluene	50.000	46.117	7.8	74	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.738	6.5	74	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	40.557	18.9	66	0.00
82	T	4-Chlorotoluene	50.000	45.793	8.4	74	0.00
83	T	tert-Butylbenzene	50.000	46.594	6.8	75	0.00
84	T	1,2,4-Trimethylbenzene	50.000	46.716	6.6	75	0.00
85	T	sec-Butylbenzene	50.000	47.516	5.0	76	0.00
86	T	p-Isopropyltoluene	50.000	47.025	6.0	75	0.00
87	T	1,3-Dichlorobenzene	50.000	46.152	7.7	75	0.00
88	T	1,4-Dichlorobenzene	50.000	45.620	8.8	76	0.00
89	T	n-Butylbenzene	50.000	48.088	3.8	77	0.00
90	T	Hexachloroethane	50.000	48.353	3.3	78	0.00
91	T	1,2-Dichlorobenzene	50.000	45.878	8.2	74	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	42.569	14.9	66	0.00
93	T	1,2,4-Trichlorobenzene	50.000	44.982	10.0	71	0.00
94	T	Hexachlorobutadiene	50.000	46.864	6.3	76	0.00
95	T	Naphthalene	50.000	44.430	11.1	70	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047979.D
Acq On : 02 Oct 2025 18:58
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 03 03:37:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.085	7.8	72	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

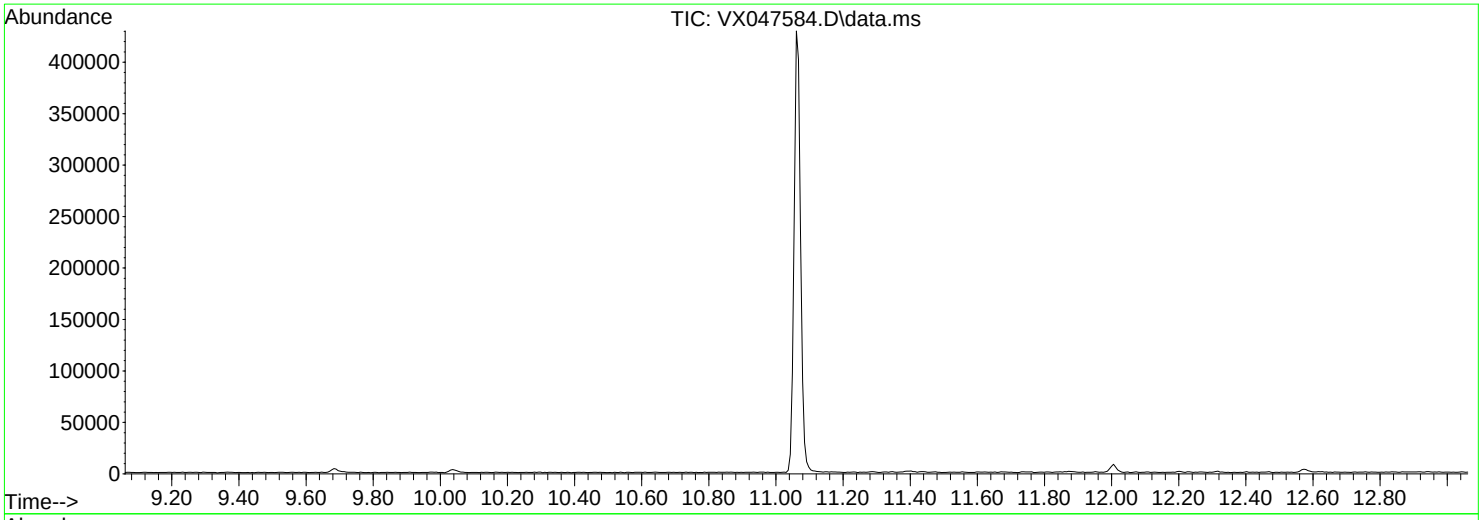
QC SAMPLE DATA

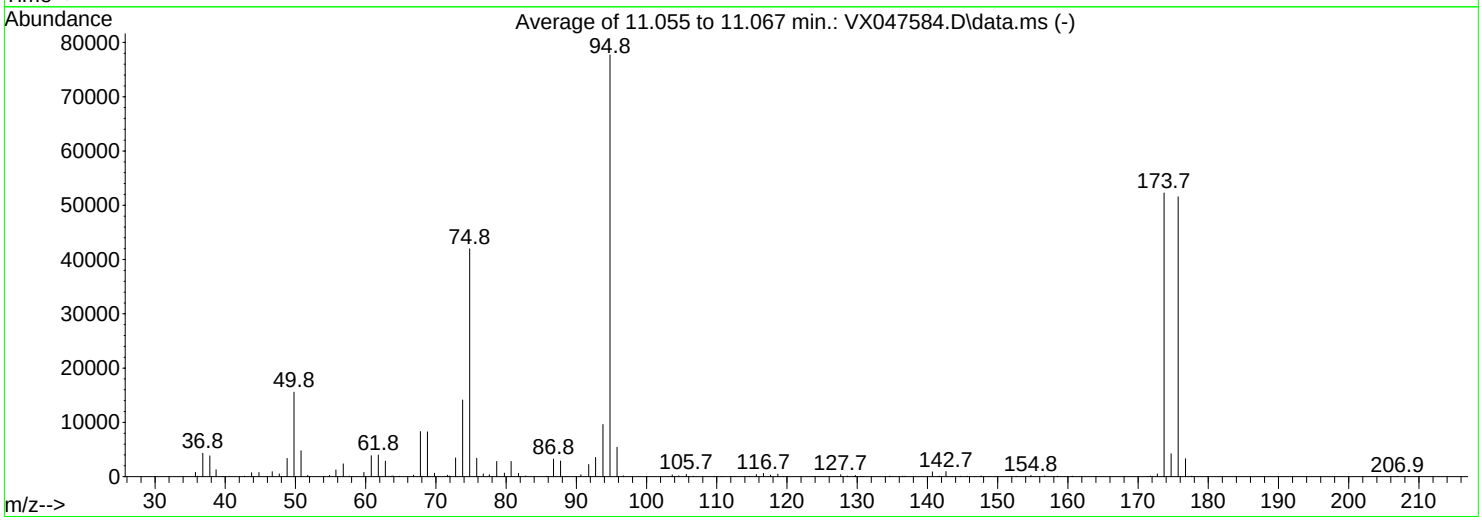
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047584.D
Acq On : 16 Sep 2025 08:56
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Title : SW846 8260
Last Update : Wed Sep 17 06:39:58 2025





AutoFind: Scans 1635, 1636, 1637; Background Corrected with Scan 1628

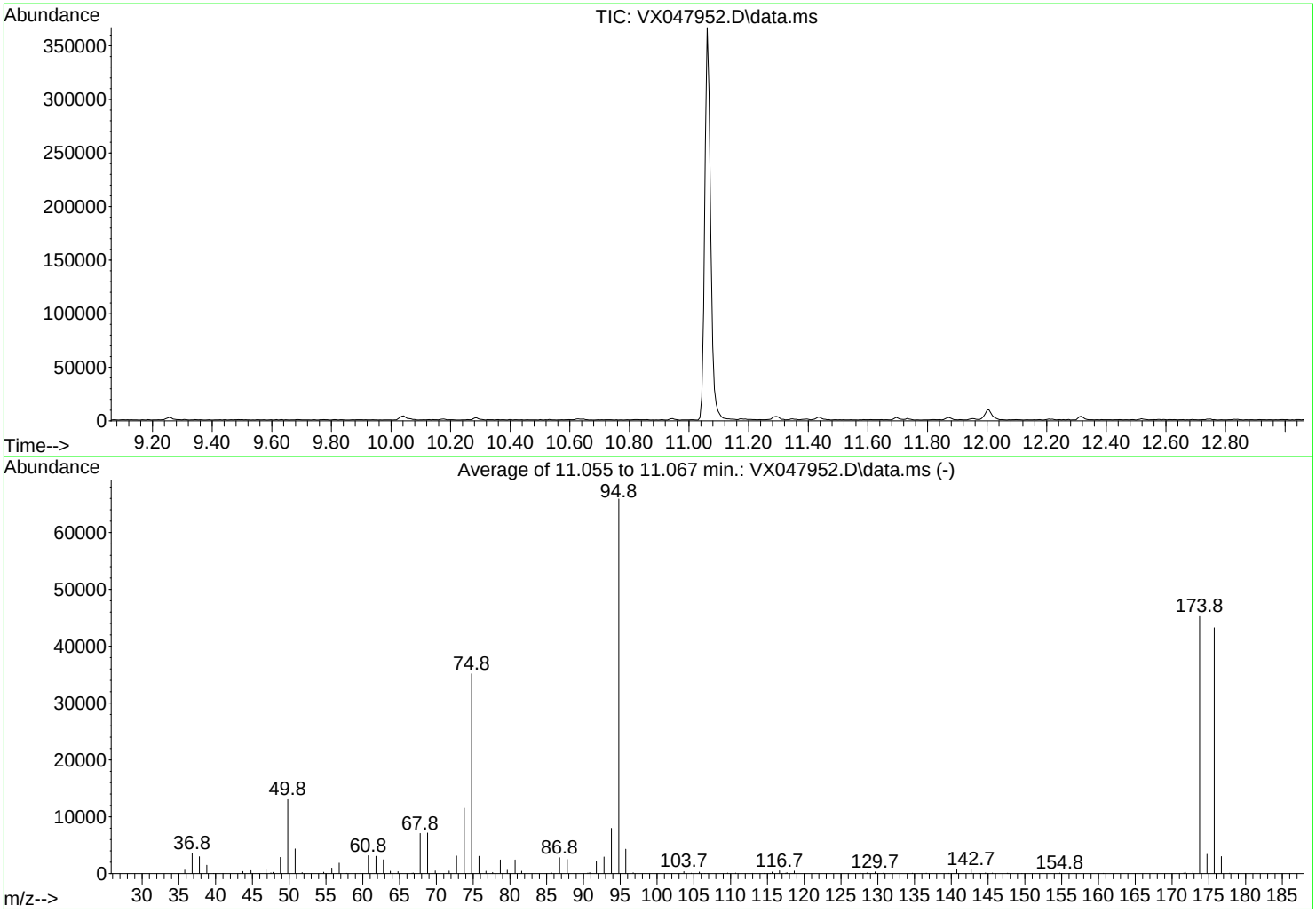
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.0	15566	PASS
75	95	30	60	54.0	41979	PASS
95	95	100	100	100.0	77717	PASS
96	95	5	9	7.0	5432	PASS
173	174	0.00	2	1.0	507	PASS
174	95	50	100	67.3	52275	PASS
175	174	5	9	8.1	4209	PASS
176	174	95	101	98.6	51560	PASS
177	176	5	9	6.4	3311	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047952.D
Acq On : 02 Oct 2025 08:18
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Title : SW846 8260
Last Update : Wed Sep 17 06:39:58 2025



AutoFind: Scans 1635, 1636, 1637; Background Corrected with Scan 1629

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.8	13014	PASS
75	95	30	60	53.3	35144	PASS
95	95	100	100	100.0	65893	PASS
96	95	5	9	6.5	4293	PASS
173	174	0.00	2	0.8	357	PASS
174	95	50	100	68.6	45208	PASS
175	174	5	9	7.5	3409	PASS
176	174	95	101	95.7	43251	PASS
177	176	5	9	7.0	3006	PASS

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1002WBL01	SDG No.:	Q3246
Lab Sample ID:	VX1002WBL01	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
VX047955.D	1	10/02/25 10:09	VX100225

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

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1002WBL01	SDG No.:	Q3246
Lab Sample ID:	VX1002WBL01	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
VX047955.D	1	10/02/25 10:09	VX100225

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	53.9		81 - 118		108%	SPK: 50
1868-53-7	Dibromofluoromethane	50.6		80 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	48.8		89 - 112		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.7		85 - 114		113%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	149000	5.531				
540-36-3	1,4-Difluorobenzene	307000	6.745				
3114-55-4	Chlorobenzene-d5	317000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	160000	12.006				

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:	VX1002WBL01	SDG No.:	Q3246
Lab Sample ID:	VX1002WBL01	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
VX047955.D	1	10/02/25 10:09	VX100225

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

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

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047955.D
Acq On : 02 Oct 2025 10:09
Operator : JC/MD
Sample : VX1002WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBL01

Quant Time: Oct 03 03:25:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	148697	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	307294	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	316597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	160196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	127664	53.938	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.880%			
35) Dibromofluoromethane	5.373	113	104262	50.591	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.180%			
50) Toluene-d8	8.634	98	347884	48.784	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.560%			
62) 4-Bromofluorobenzene	11.061	95	153557	56.739	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.480%			

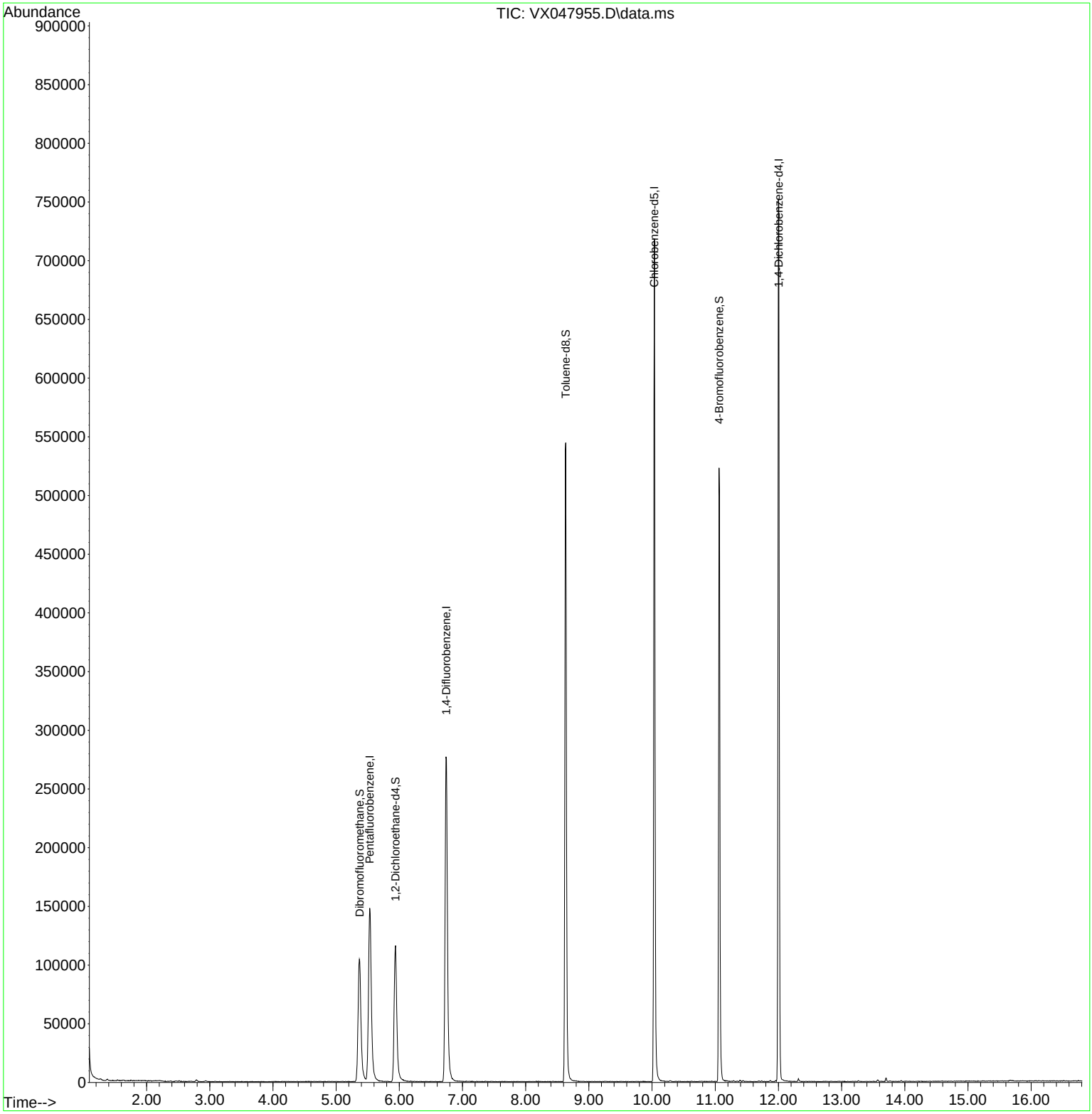
Target Compounds Qvalue

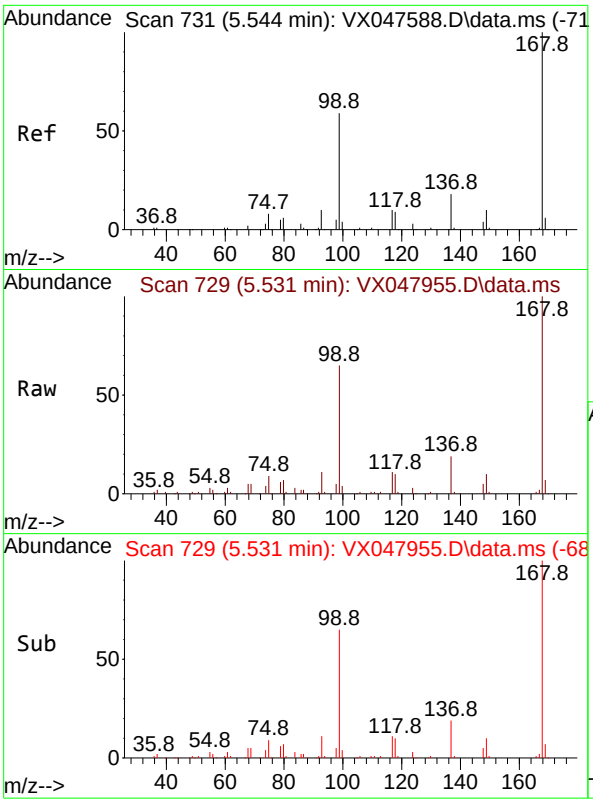
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047955.D
Acq On : 02 Oct 2025 10:09
Operator : JC/MD
Sample : VX1002WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBL01

Quant Time: Oct 03 03:25:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



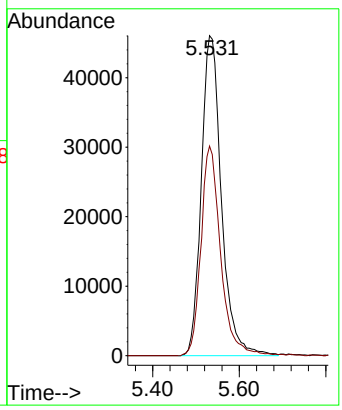


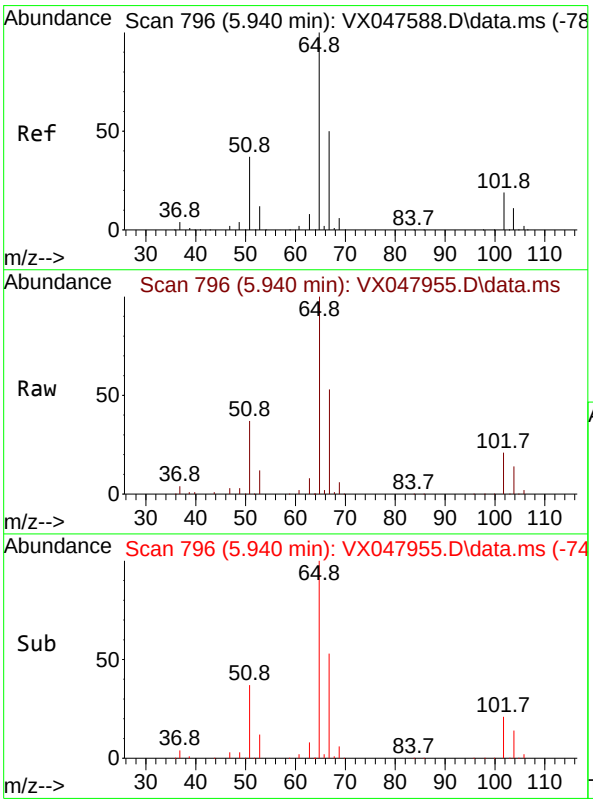
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX047955.D
Acq: 02 Oct 2025 10:09

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBL01

Tgt Ion:168 Resp: 148697

Ion	Ratio	Lower	Upper
168	100		
99	65.5	48.8	73.2

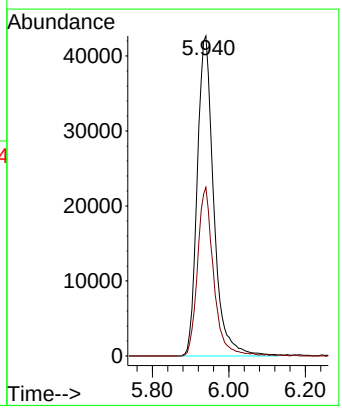


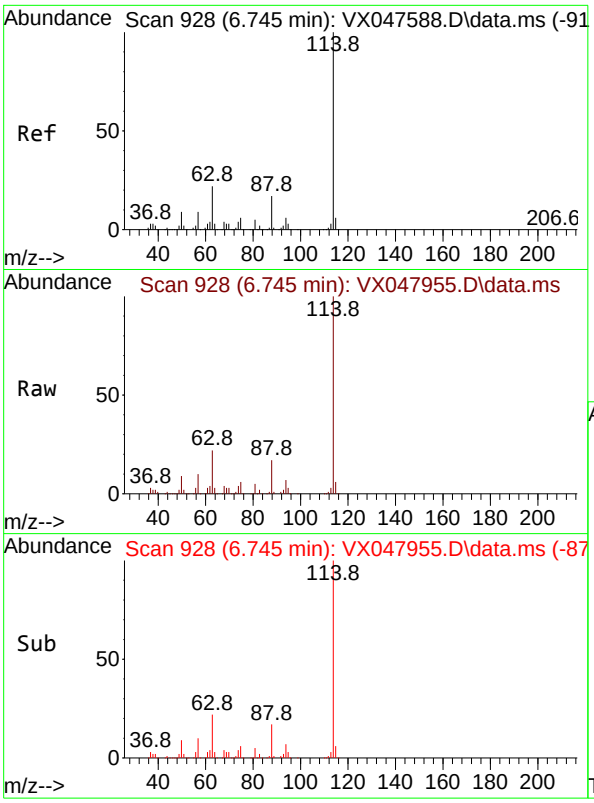


#33
1,2-Dichloroethane-d4
Concen: 53.938 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047955.D
Acq: 02 Oct 2025 10:09

Tgt Ion: 65 Resp: 127664

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	103.0



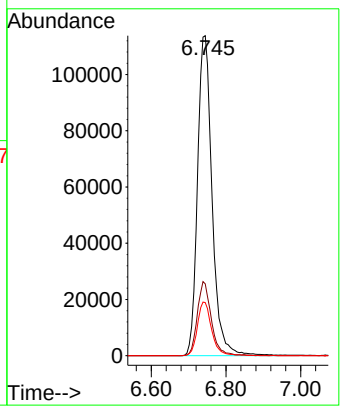


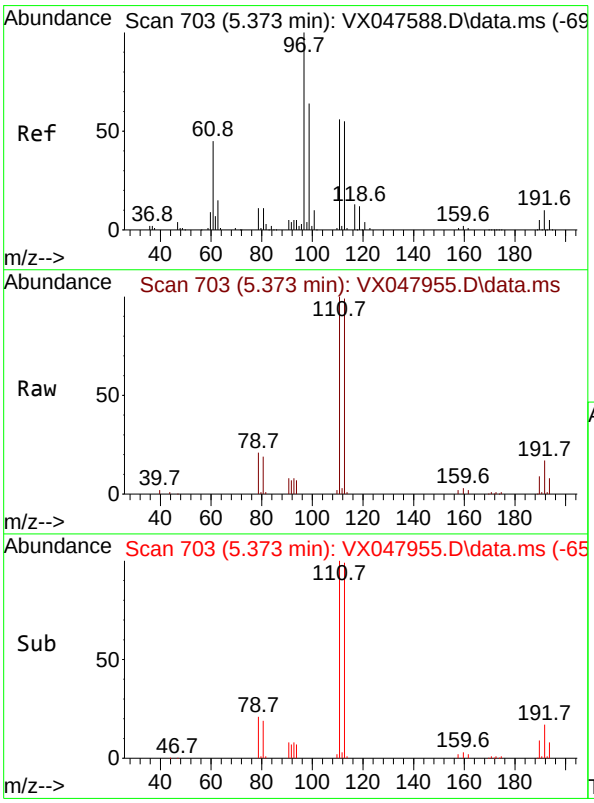
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX047955.D
Acq: 02 Oct 2025 10:09

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBL01

Tgt Ion:114 Resp: 307294

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	44.0
88	16.6	0.0	34.2

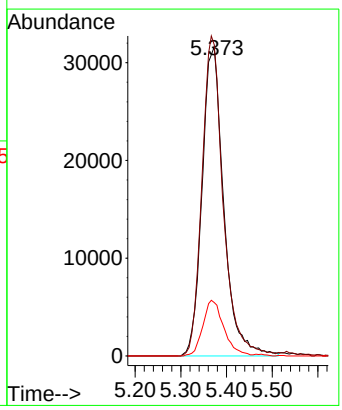


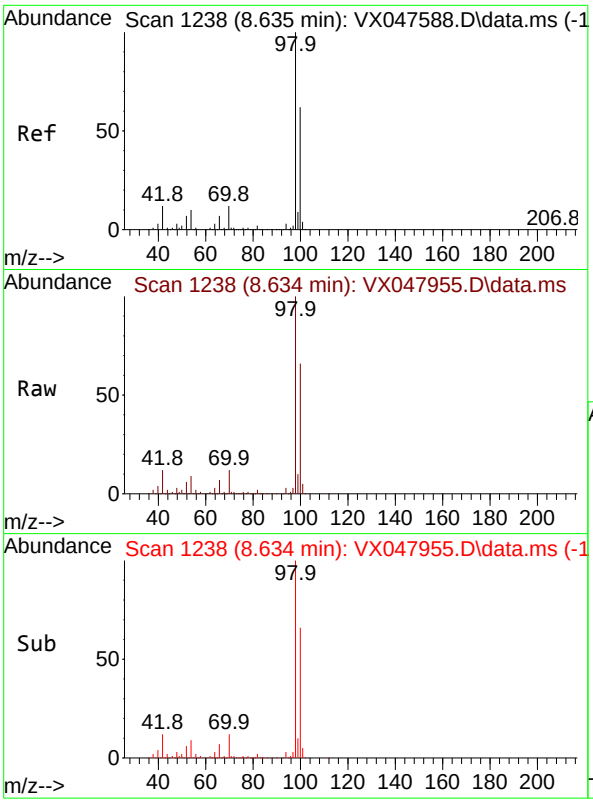


#35
Dibromofluoromethane
Concen: 50.591 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047955.D
Acq: 02 Oct 2025 10:09

Tgt Ion:113 Resp: 104262

Ion	Ratio	Lower	Upper
113	100		
111	101.3	80.9	121.3
192	17.4	14.2	21.4



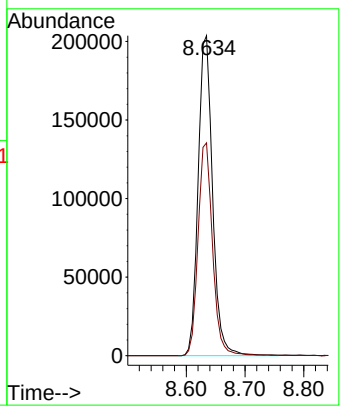


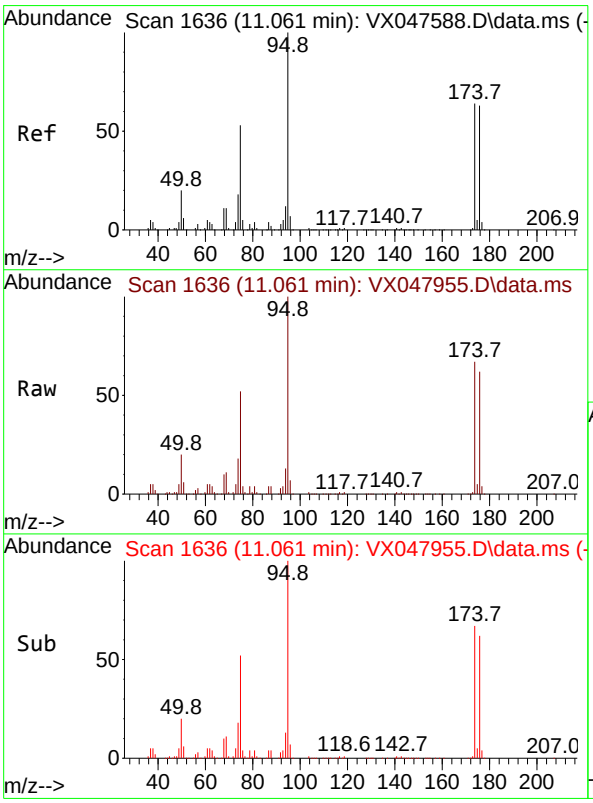
#50
Toluene-d8
Concen: 48.784 ug/l
RT: 8.634 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047955.D
Acq: 02 Oct 2025 10:09

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBL01

Tgt Ion: 98 Resp: 347884

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.0	79.4

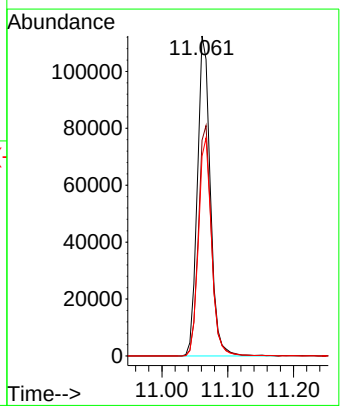


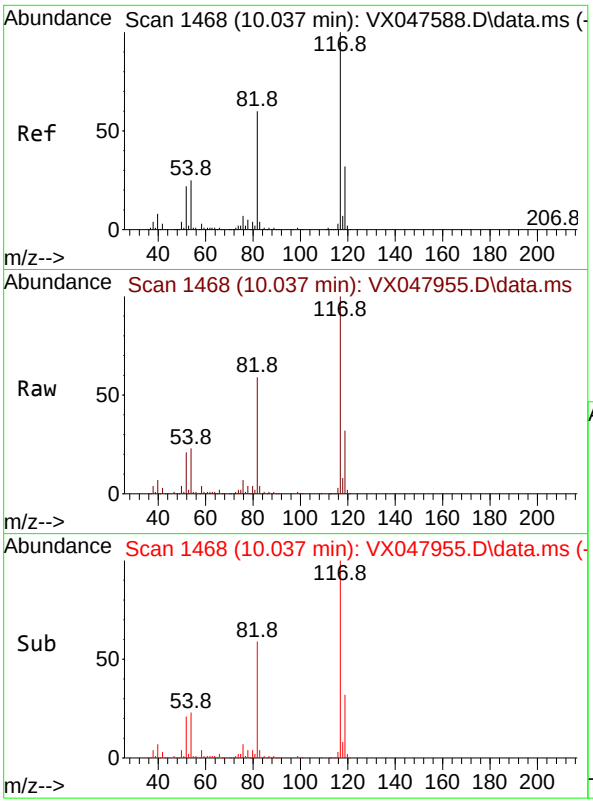


#62
4-Bromofluorobenzene
Concen: 56.739 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047955.D
Acq: 02 Oct 2025 10:09

Tgt Ion: 95 Resp: 153557

Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	141.6
176	69.1	0.0	138.4



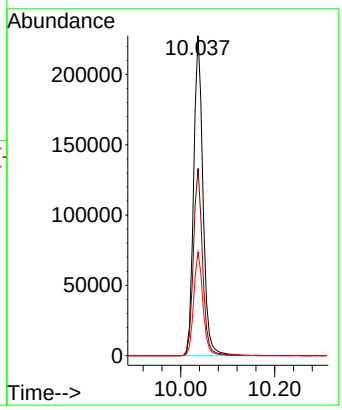


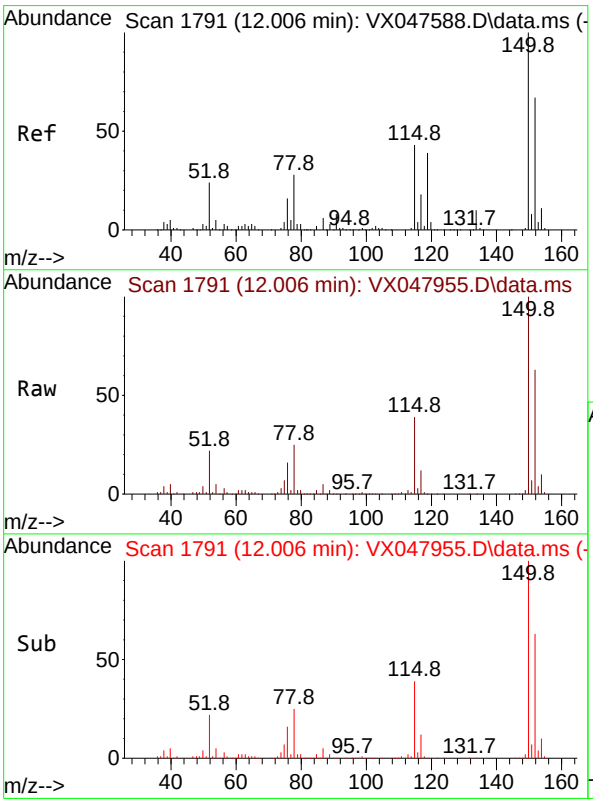
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047955.D
Acq: 02 Oct 2025 10:09

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBL01

Tgt Ion:117 Resp: 316597

Ion	Ratio	Lower	Upper
117	100		
82	58.5	47.8	71.6
119	32.3	25.2	37.8

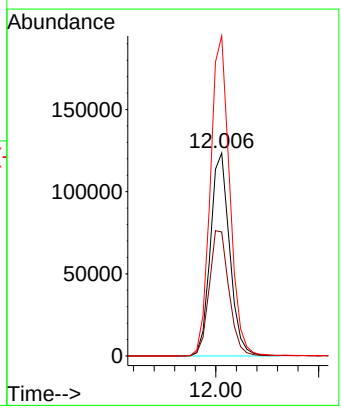




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047955.D
Acq: 02 Oct 2025 10:09

Tgt Ion:152 Resp: 160196

Ion	Ratio	Lower	Upper
152	100		
115	63.4	44.9	134.5
150	158.4	0.0	352.0



Sample Results: **VX047955.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047955.D
Acq On : 02 Oct 2025 10:09
Operator : JC/MD
Sample : VX1002WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBL01

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\82X091625W.M
Title : SW846 8260

Signal : TIC: VX047955.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.367	690	702	719	rBV3	104180	339281	33.29%	6.087%
2	5.531	719	729	755	rVB	147480	467194	45.85%	8.382%
3	5.940	785	796	815	rBV	115989	344030	33.76%	6.172%
4	6.738	917	927	956	rBV	276738	737336	72.36%	13.228%
5	8.634	1231	1238	1258	rBV	544234	942998	92.54%	16.918%
6	10.037	1462	1468	1484	rBV	717881	994045	97.55%	17.834%
7	11.061	1631	1636	1650	rBV	522564	729955	71.63%	13.096%
8	12.000	1785	1790	1809	rBV	751720	1019050	100.00%	18.283%

Sum of corrected areas: 5573889

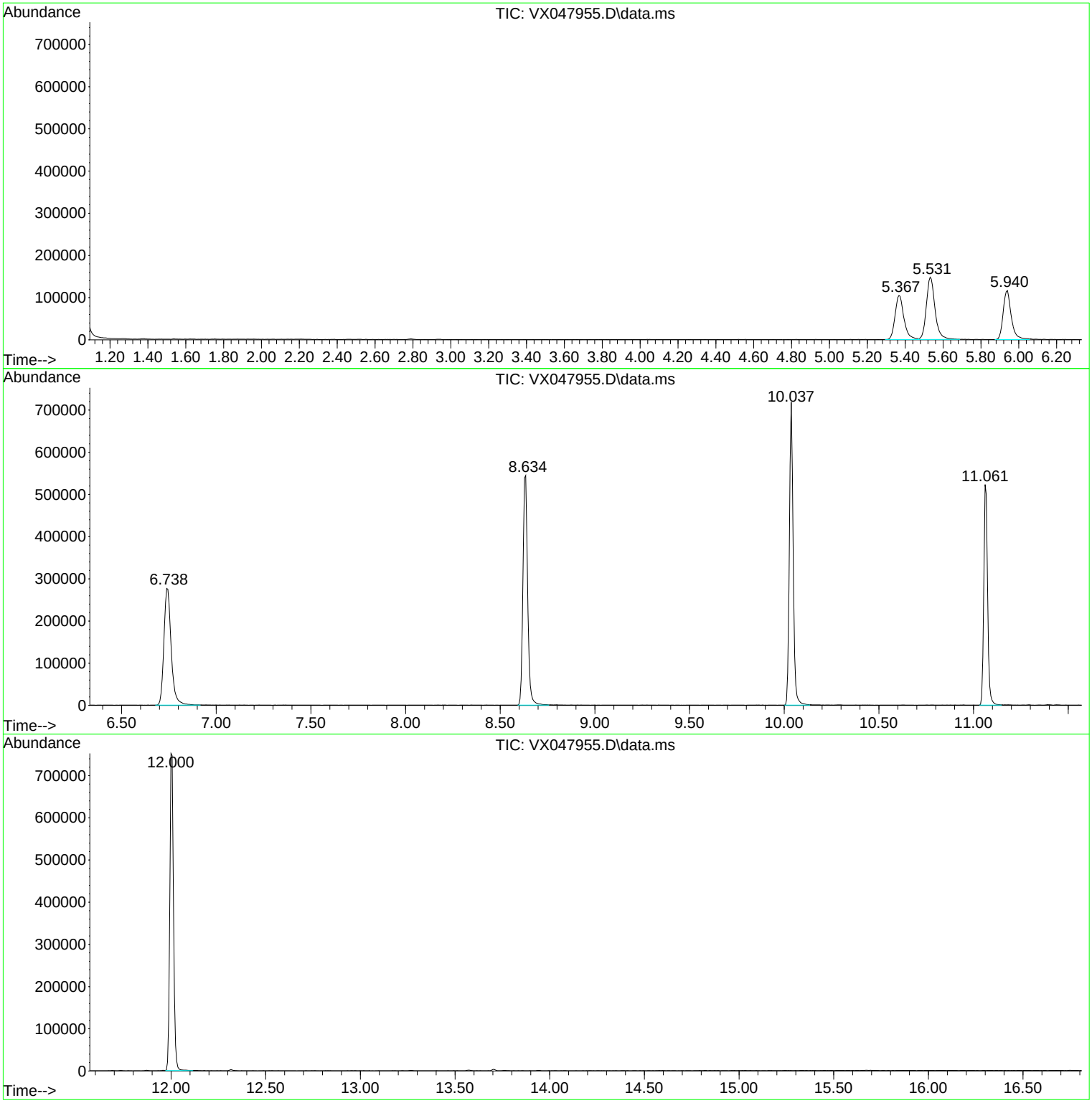
Sample Results: **VX047955.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047955.D
Acq On : 02 Oct 2025 10:09
Operator : JC/MD
Sample : VX1002WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047955.D
Acq On : 02 Oct 2025 10:09
Operator : JC/MD
Sample : VX1002WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047955.D
Acq On : 02 Oct 2025 10:09
Operator : JC/MD
Sample : VX1002WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

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

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

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1002WBS01	SDG No.:	Q3246
Lab Sample ID:	VX1002WBS01	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
VX047956.D	1	10/02/25 11:04	VX100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	19.3		0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	15.7		0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	17.6		0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	19.0		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	17.5		0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.0		0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.8		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	17.4		0.23	0.75	1.00	ug/L
67-64-1	Acetone	70.9		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	15.7		0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	15.5		0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	16.8		0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.3		0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	17.4		0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	17.6		1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	69.4		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.8		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	19.6		0.22	0.50	1.00	ug/L
67-66-3	Chloroform	18.1		0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.1		0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	18.2		0.16	0.50	1.00	ug/L
71-43-2	Benzene	18.3		0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	17.3		0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	18.3		0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.0		0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	18.4		0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	77.3		0.68	2.50	5.00	ug/L
108-88-3	Toluene	18.3		0.14	0.50	1.00	ug/L

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1002WBS01	SDG No.:	Q3246
Lab Sample ID:	VX1002WBS01	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
VX047956.D	1	10/02/25 11:04	VX100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	17.3		0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	17.9		0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.0		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	74.2		0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	18.4		0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	17.7		0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	18.8		0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	18.4		0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	18.1		0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	37.1		0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	18.1		0.12	0.50	1.00	ug/L
100-42-5	Styrene	18.0		0.15	0.50	1.00	ug/L
75-25-2	Bromoform	17.8		0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	17.5		0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	16.1		0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	17.6		0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.6		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	13.4		0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	15.5		0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	15.7		0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	46.4		81 - 118		93%	SPK: 50
1868-53-7	Dibromofluoromethane	51.8		80 - 119		104%	SPK: 50
2037-26-5	Toluene-d8	52.5		89 - 112		105%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.0		85 - 114		104%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	151000	5.537				
540-36-3	1,4-Difluorobenzene	257000	6.745				
3114-55-4	Chlorobenzene-d5	230000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	118000	12.006				

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Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1002WBS01	SDG No.:	Q3246
Lab Sample ID:	VX1002WBS01	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
VX047956.D	1	10/02/25 11:04	VX100225

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\VX100225\
Data File : VX047956.D
Acq On : 02 Oct 2025 11:04
Operator : JC/MD
Sample : VX1002WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 03 03:26:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	151041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	257081	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	229930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	117908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	111582	46.411	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 92.820%			
35) Dibromofluoromethane	5.367	113	89265	51.774	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.540%			
50) Toluene-d8	8.628	98	313110	52.484	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.960%			
62) 4-Bromofluorobenzene	11.061	95	117778	52.019	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	30241	19.335	ug/l	95
3) Chloromethane	1.300	50	32370	15.747	ug/l	98
4) Vinyl Chloride	1.386	62	35460	17.622	ug/l	97
5) Bromomethane	1.624	94	24254	19.008	ug/l	95
6) Chloroethane	1.697	64	23484	17.462	ug/l	99
7) Trichlorofluoromethane	1.898	101	56753	18.995	ug/l	97
8) Diethyl Ether	2.136	74	19608	16.044	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	34576	19.792	ug/l	97
10) Methyl Iodide	2.453	142	38759	14.226	ug/l	96
11) Tert butyl alcohol	2.940	59	17387	64.934	ug/l	96
12) 1,1-Dichloroethene	2.325	96	31206	17.390	ug/l	96
13) Acrolein	2.233	56	14290	57.913	ug/l	98
14) Allyl chloride	2.666	41	58352	15.758	ug/l	98
15) Acrylonitrile	3.056	53	75111	75.731	ug/l	99
16) Acetone	2.373	43	74118	70.903	ug/l	99
17) Carbon Disulfide	2.514	76	79390	16.160	ug/l	99
18) Methyl Acetate	2.697	43	36047	15.495	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	103055	15.732	ug/l	98
20) Methylene Chloride	2.788	84	37212	16.817	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	33390	17.282	ug/l	94
22) Diisopropyl ether	3.745	45	122384	17.053	ug/l	85
23) Vinyl Acetate	3.709	43	445889	77.630	ug/l	100
24) 1,1-Dichloroethane	3.605	63	66264	17.372	ug/l	99
25) 2-Butanone	4.538	43	90534	69.431	ug/l	96
26) 2,2-Dichloropropane	4.458	77	56752	17.898	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	40009	16.909	ug/l	98
28) Bromochloromethane	4.879	49	32637	19.599	ug/l	99
29) Tetrahydrofuran	4.989	42	53283	67.926	ug/l	99
30) Chloroform	5.080	83	69800	18.108	ug/l	95
31) Cyclohexane	5.458	56	55887	17.591	ug/l	97
32) 1,1,1-Trichloroethane	5.367	97	59094	18.074	ug/l	98
36) 1,1-Dichloropropene	5.678	75	44002	17.466	ug/l	96
37) Ethyl Acetate	4.696	43	39081	14.488	ug/l	98
38) Carbon Tetrachloride	5.665	117	51473	18.804	ug/l	97
39) Methylcyclohexane	7.366	83	52074	18.209	ug/l	96
40) Benzene	6.019	78	139777	18.267	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047956.D
Acq On : 02 Oct 2025 11:04
Operator : JC/MD
Sample : VX1002WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 03 03:26:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.897	41	22059	15.840	ug/l		97
42) 1,2-Dichloroethane	6.068	62	50241	17.256	ug/l		99
43) Isopropyl Acetate	6.324	43	67737	15.311	ug/l		99
44) Trichloroethene	7.110	130	33910	18.330	ug/l		97
45) 1,2-Dichloropropane	7.415	63	35310	18.021	ug/l		94
46) Dibromomethane	7.568	93	24921	17.478	ug/l		99
47) Bromodichloromethane	7.805	83	54027	18.362	ug/l		95
48) Methyl methacrylate	7.677	41	32743	14.858	ug/l		99
49) 1,4-Dioxane	7.641	88	6914	310.454	ug/l		94
51) 4-Methyl-2-Pentanone	8.555	43	189715	77.343	ug/l		98
52) Toluene	8.702	92	86444	18.336	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	51947	17.309	ug/l		99
54) cis-1,3-Dichloropropene	8.348	75	57562	17.944	ug/l		97
55) 1,1,2-Trichloroethane	9.134	97	32657	17.965	ug/l		92
56) Ethyl methacrylate	9.098	69	46012	16.117	ug/l		98
57) 1,3-Dichloropropane	9.293	76	57260	18.337	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	131962	103.744	ug/l		99
59) 2-Hexanone	9.415	43	130767	74.228	ug/l		100
60) Dibromochloromethane	9.506	129	38609	18.433	ug/l		99
61) 1,2-Dibromoethane	9.592	107	32840	17.737	ug/l		99
64) Tetrachloroethene	9.256	164	28169	18.793	ug/l		96
65) Chlorobenzene	10.061	112	96292	18.434	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	33483	18.576	ug/l		98
67) Ethyl Benzene	10.177	91	163214	18.109	ug/l		100
68) m/p-Xylenes	10.287	106	124303	37.054	ug/l		99
69) o-Xylene	10.622	106	58700	18.091	ug/l		99
70) Styrene	10.640	104	102151	17.967	ug/l		99
71) Bromoform	10.780	173	23953	17.797	ug/l	#	97
73) Isopropylbenzene	10.945	105	156497	17.458	ug/l		99
74) N-amyl acetate	10.829	43	58298	14.262	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	43785	16.144	ug/l		98
76) 1,2,3-Trichloropropane	11.219	75	38474m	16.116	ug/l		
77) Bromobenzene	11.183	156	37501	16.986	ug/l		98
78) n-propylbenzene	11.286	91	187964	17.738	ug/l		99
79) 2-Chlorotoluene	11.347	91	112894	17.394	ug/l		98
80) 1,3,5-Trimethylbenzene	11.433	105	128377	17.431	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.000	75	12924	13.806	ug/l		98
82) 4-Chlorotoluene	11.439	91	133391	17.402	ug/l		99
83) tert-Butylbenzene	11.695	119	130291	17.282	ug/l		100
84) 1,2,4-Trimethylbenzene	11.731	105	129085	17.288	ug/l		100
85) sec-Butylbenzene	11.872	105	159255	17.784	ug/l		100
86) p-Isopropyltoluene	11.994	119	133388	17.594	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	72183	17.602	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	73964	17.574	ug/l		99
89) n-Butylbenzene	12.317	91	122807	17.506	ug/l		98
90) Hexachloroethane	12.518	117	23943	17.988	ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	66380	16.991	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	7371	13.424	ug/l		96
93) 1,2,4-Trichlorobenzene	13.567	180	39416	15.524	ug/l		98
94) Hexachlorobutadiene	13.707	225	15665	18.163	ug/l		97
95) Naphthalene	13.756	128	106975	13.836	ug/l		99
96) 1,2,3-Trichlorobenzene	13.938	180	37191	15.746	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047956.D
Acq On : 02 Oct 2025 11:04
Operator : JC/MD
Sample : VX1002WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 03 03:26:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

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

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

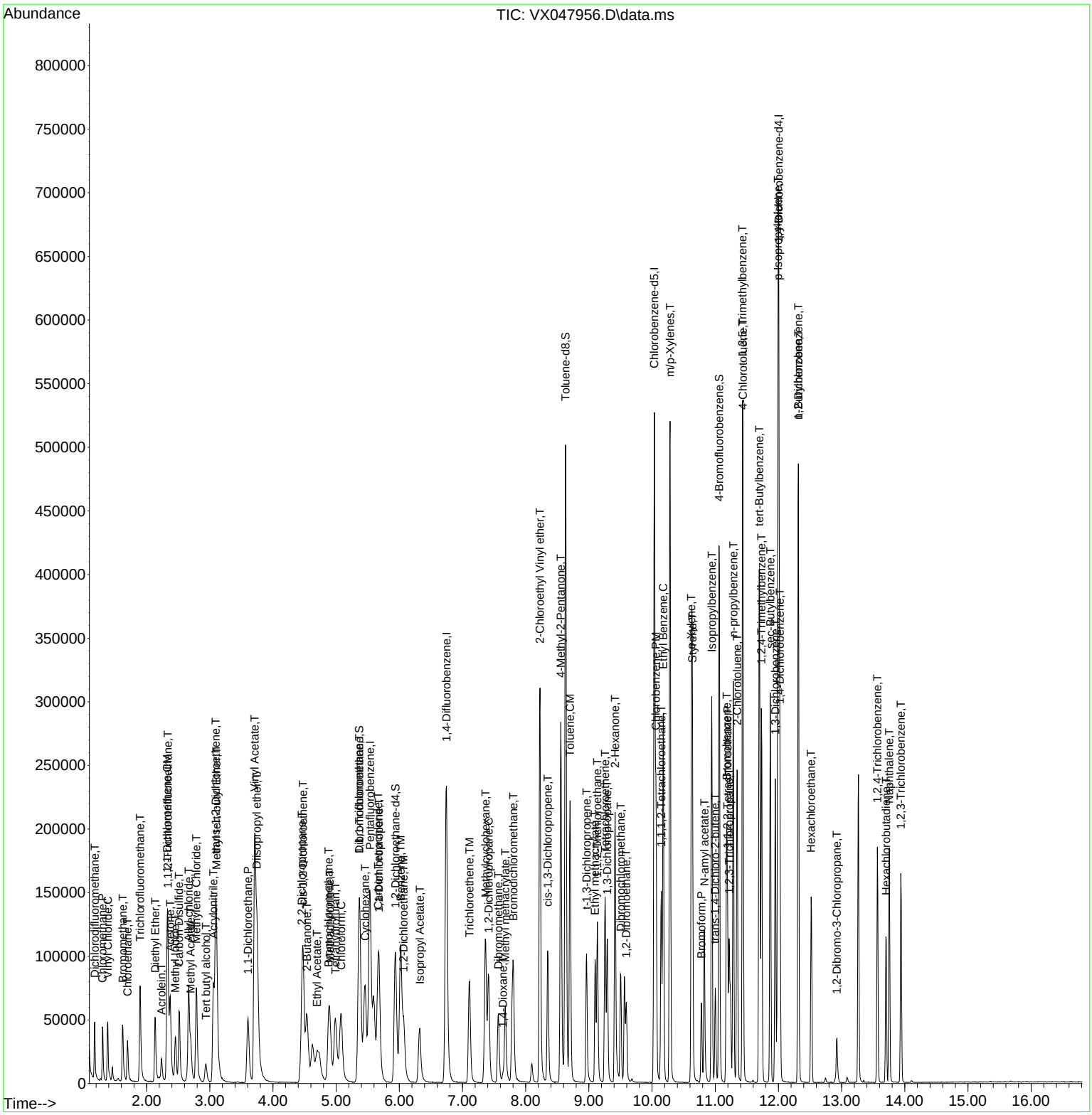
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Operator : JC/MD
Sample : VX1002WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

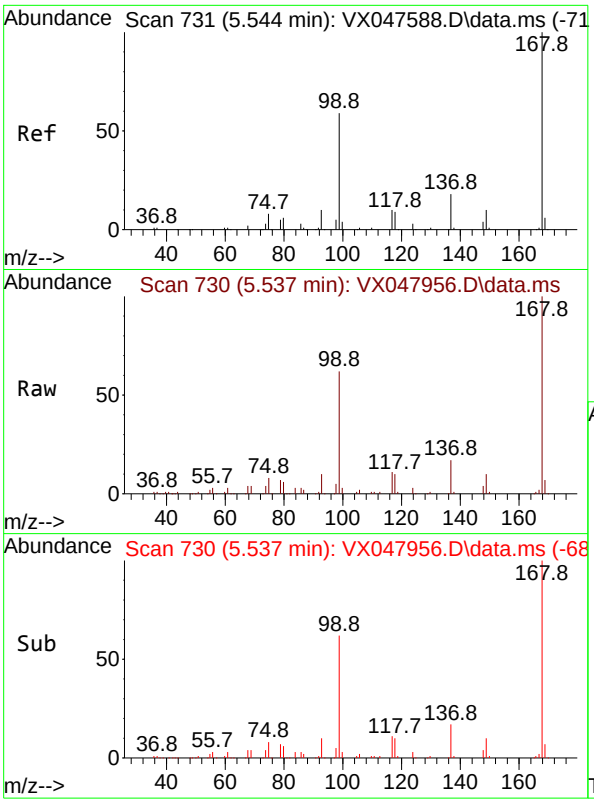
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Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/03/2025
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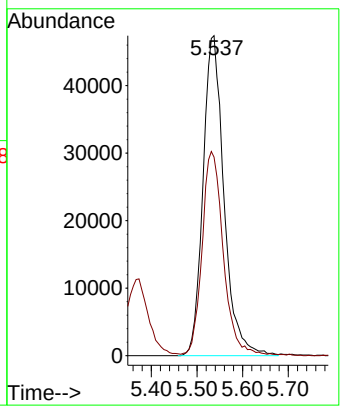




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:168 Resp: 15104

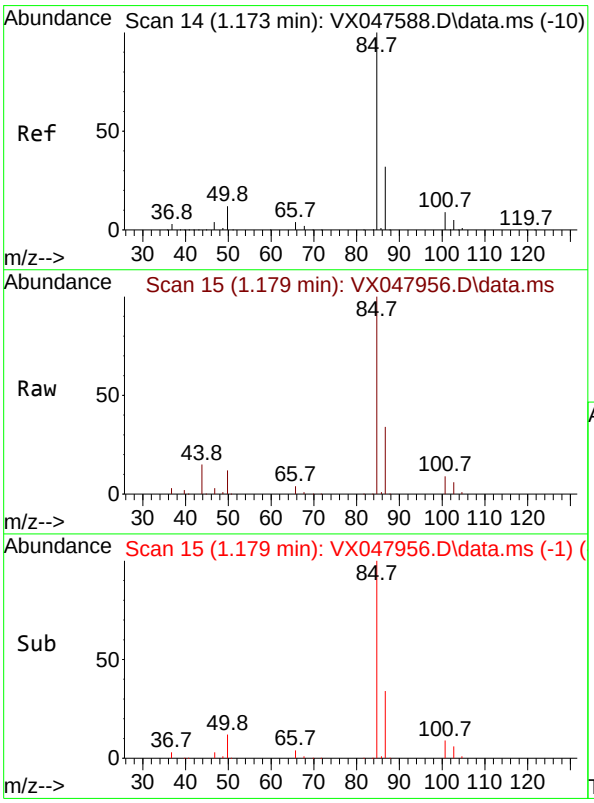
Ion	Ratio	Lower	Upper
168	100		
99	61.7	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
APPROVED

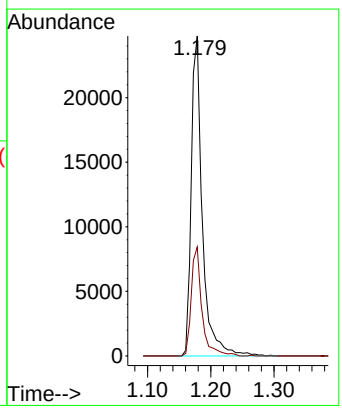
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

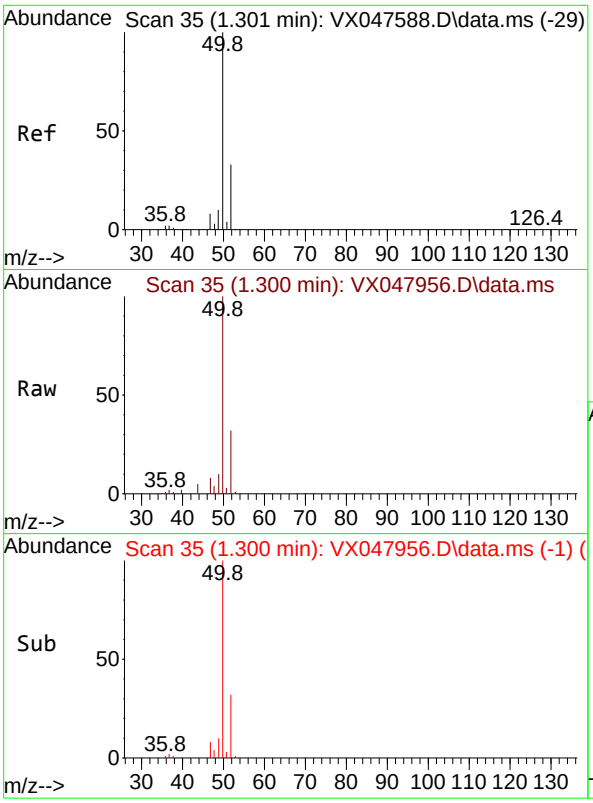


#2
Dichlorodifluoromethane
Concen: 19.335 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 85 Resp: 30241

Ion	Ratio	Lower	Upper
85	100		
87	34.0	15.8	47.3

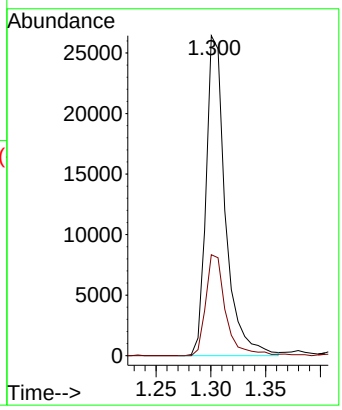




#3
Chloromethane
Concen: 15.747 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 50 Resp: 3237

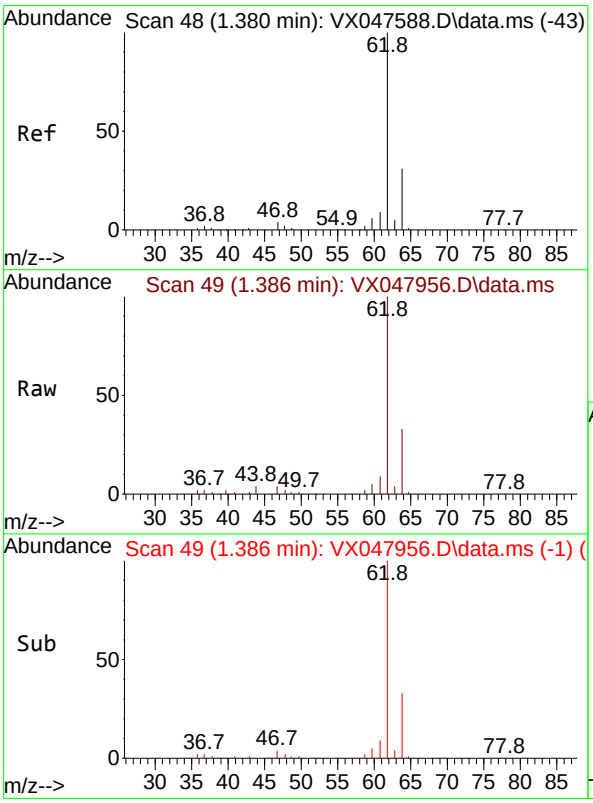
Ion	Ratio	Lower	Upper
50	100		
52	31.5	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
APPROVED

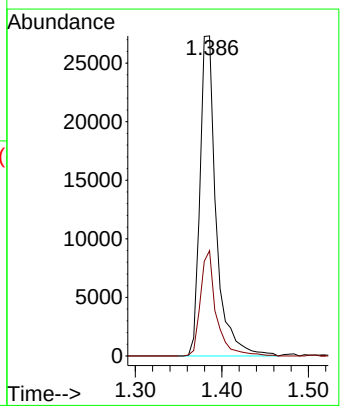
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

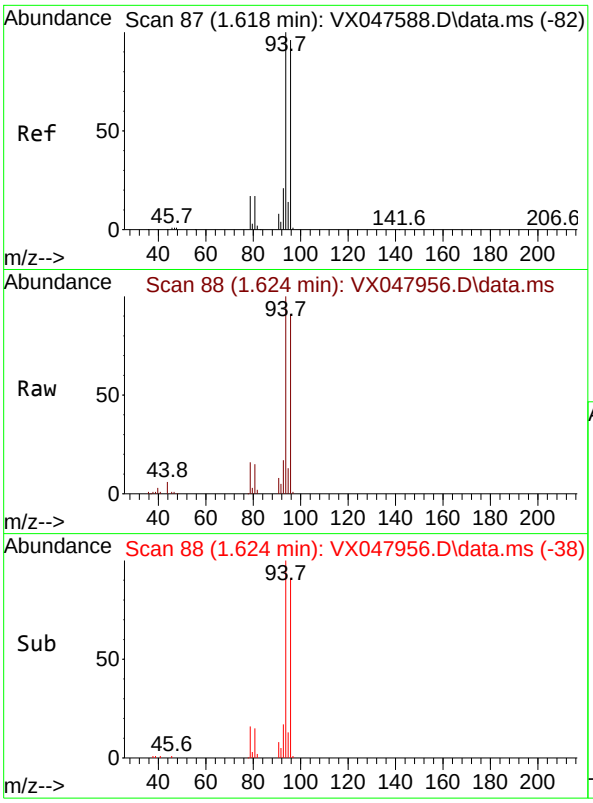


#4
Vinyl Chloride
Concen: 17.622 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 62 Resp: 35460

Ion	Ratio	Lower	Upper
62	100		
64	32.9	24.9	37.3

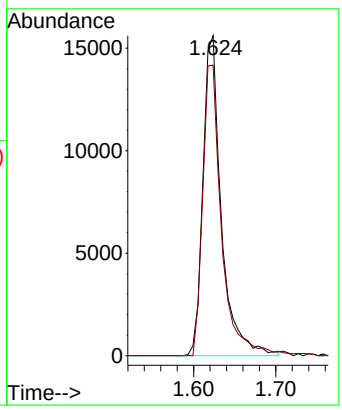




#5
Bromomethane
Concen: 19.008 ug/l
RT: 1.624 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 94 Resp: 2425

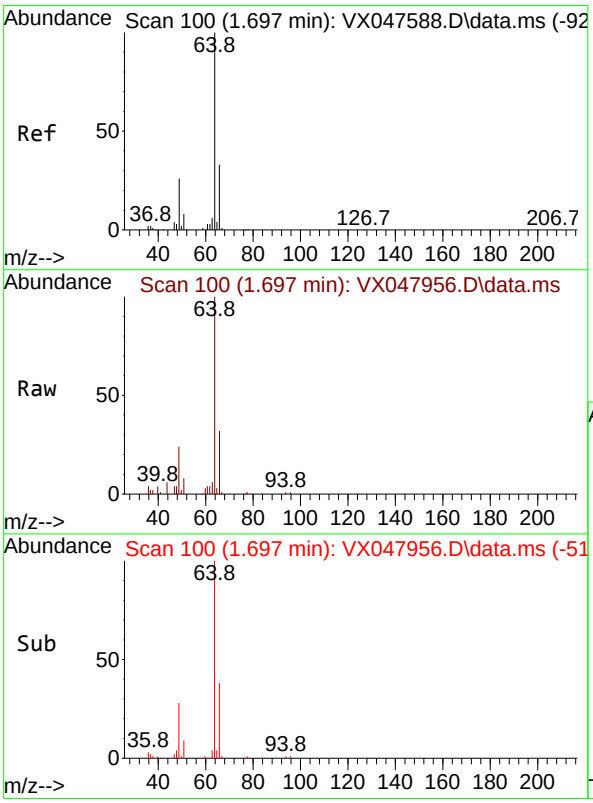
Ion	Ratio	Lower	Upper
94	100		
96	90.8	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
APPROVED

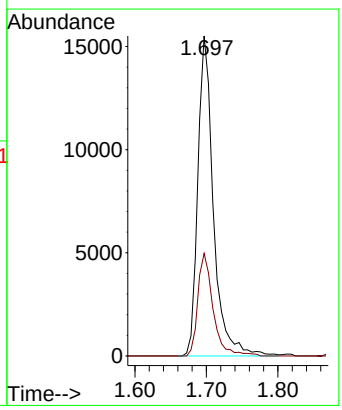
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

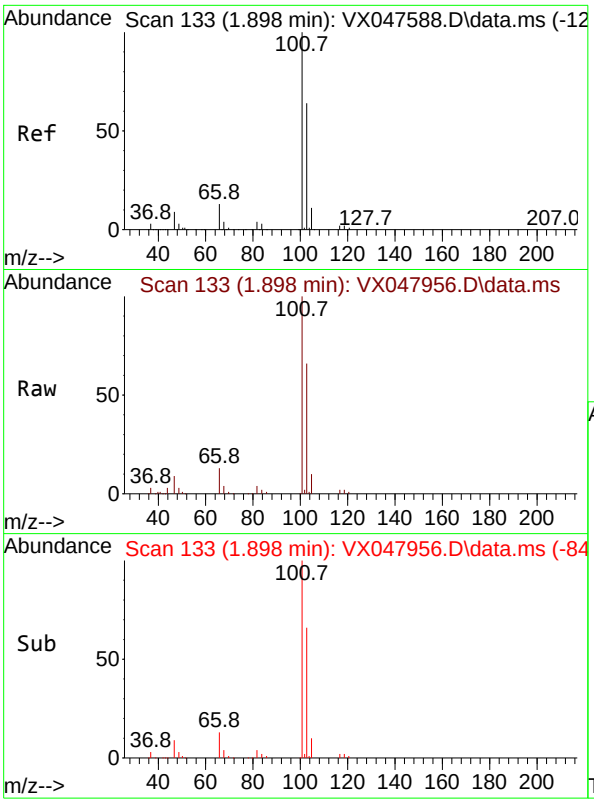


#6
Chloroethane
Concen: 17.462 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 64 Resp: 23484

Ion	Ratio	Lower	Upper
64	100		
66	32.1	26.1	39.1

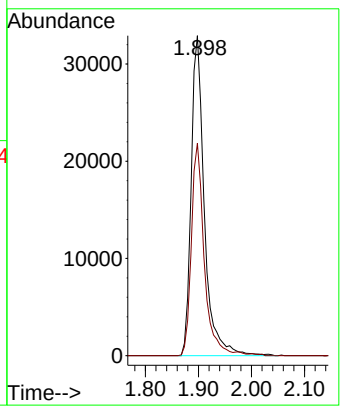




#7
Trichlorofluoromethane
Concen: 18.995 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:101 Resp: 5675

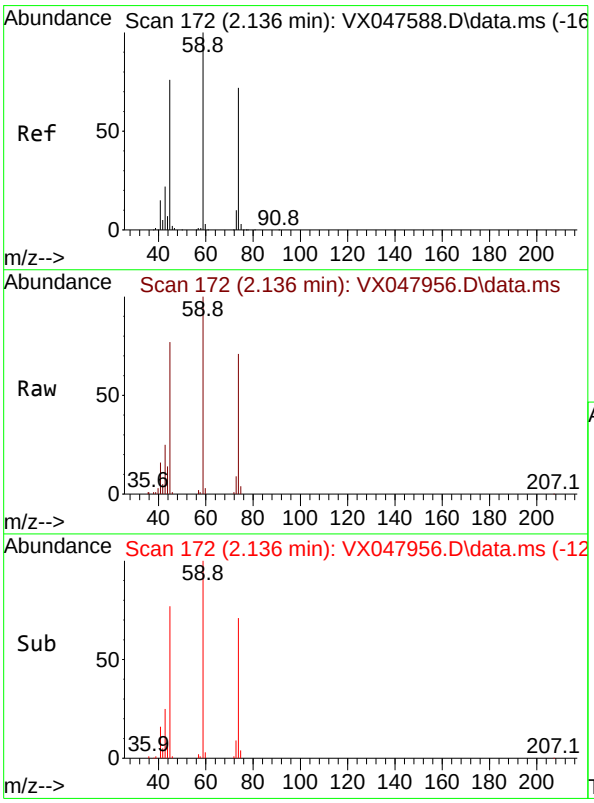
Ion	Ratio	Lower	Upper
101	100		
103	66.4	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
APPROVED

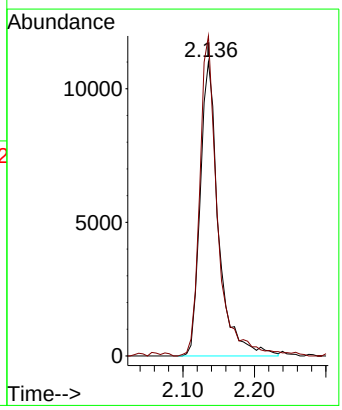
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Supervised By :Mahesh Dadoda 10/03/2025

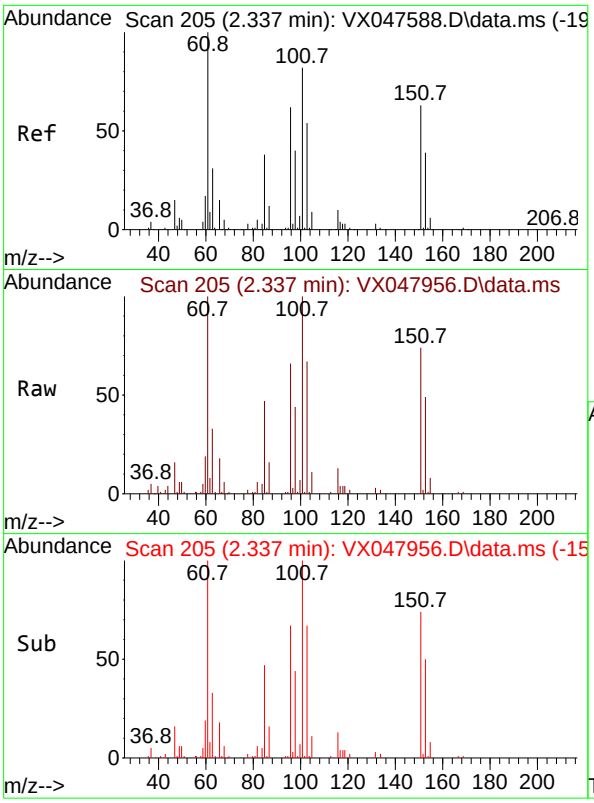


#8
Diethyl Ether
Concen: 16.044 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 74 Resp: 19608

Ion	Ratio	Lower	Upper
74	100		
45	106.7	52.3	156.8

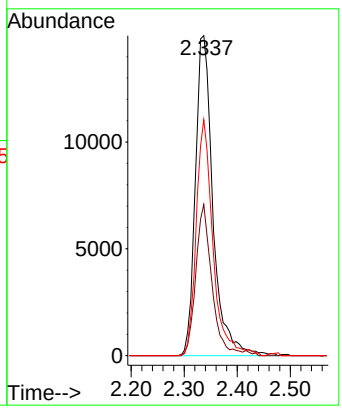




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.792 ug/l
RT: 2.337 min Scan# 2(
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:101 Resp: 3457(

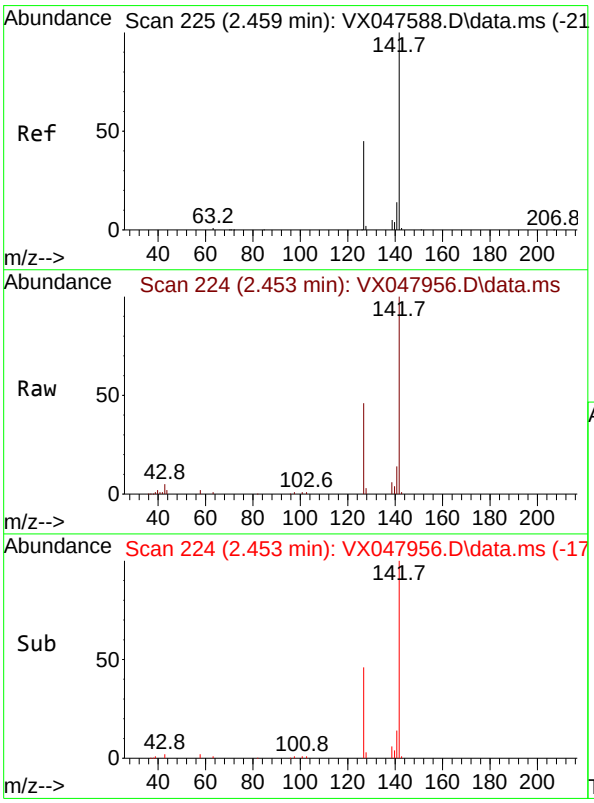
Ion	Ratio	Lower	Upper
101	100		
85	43.7	35.5	53.3
151	70.1	59.4	89.0



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
APPROVED

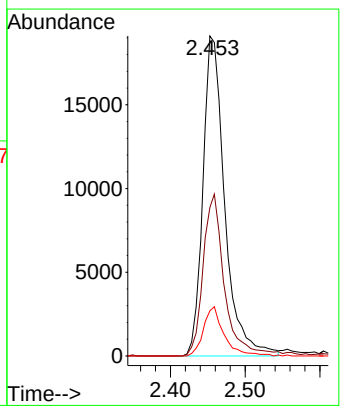
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

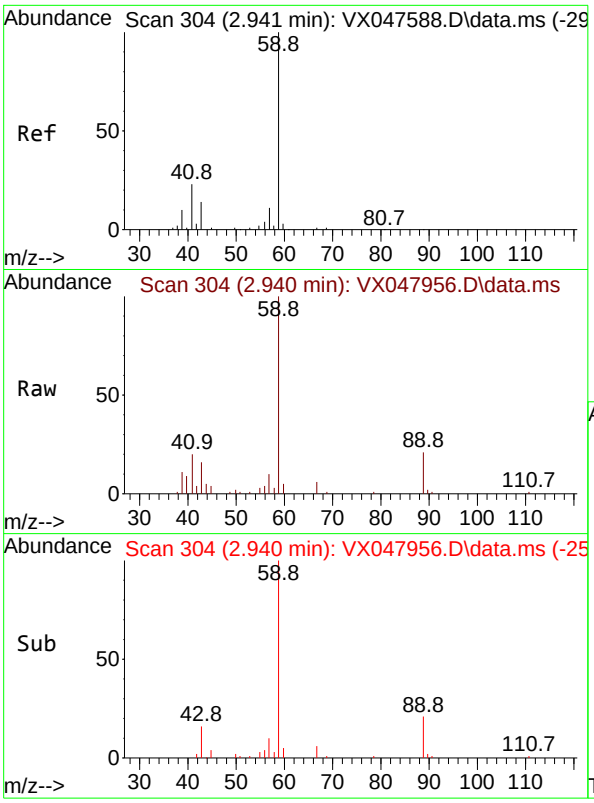


#10
Methyl Iodide
Concen: 14.226 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:142 Resp: 38759

Ion	Ratio	Lower	Upper
142	100		
127	50.1	37.2	55.8
141	14.6	11.4	17.0

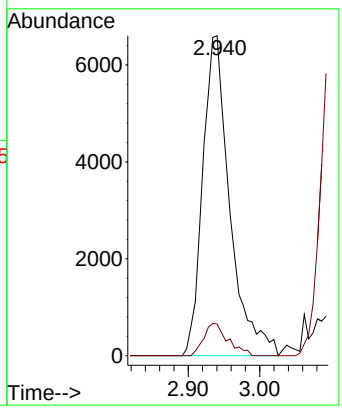




#11
Tert butyl alcohol
Concen: 64.934 ug/l
RT: 2.940 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 59 Resp: 1738

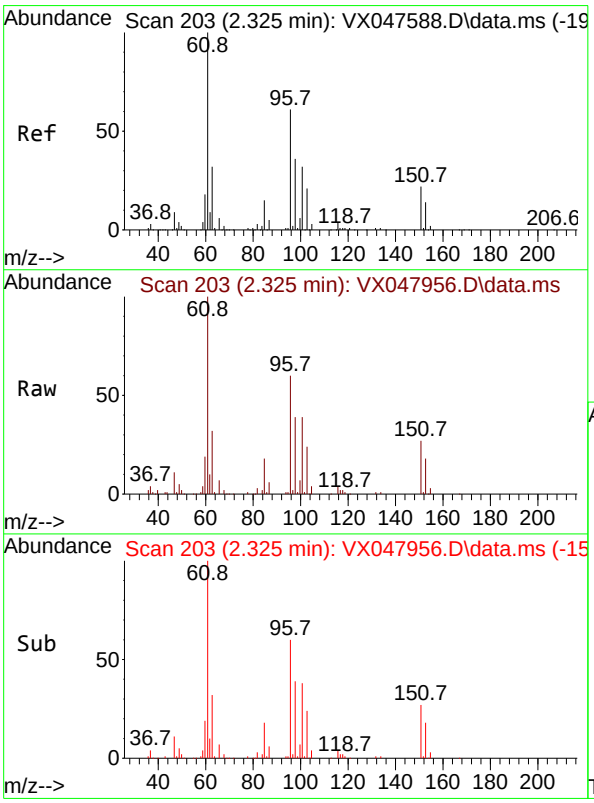
Ion	Ratio	Lower	Upper
59	100		
57	9.0	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
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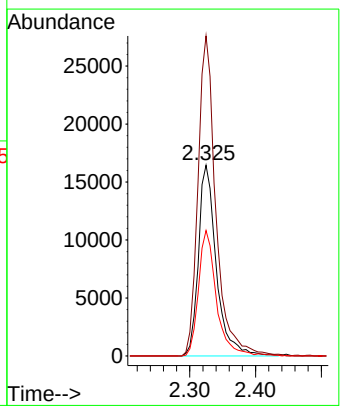
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

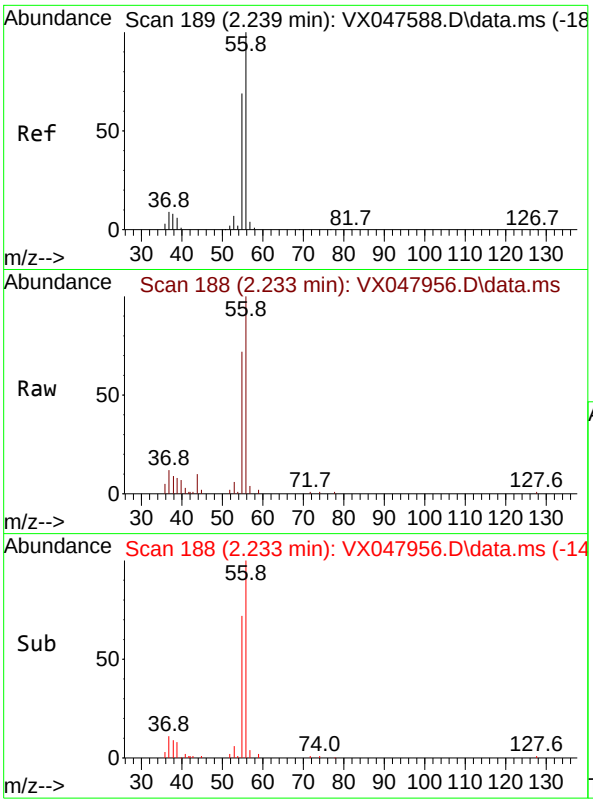


#12
1,1-Dichloroethene
Concen: 17.390 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 96 Resp: 31206

Ion	Ratio	Lower	Upper
96	100		
61	167.8	131.0	196.6
98	65.8	47.7	71.5

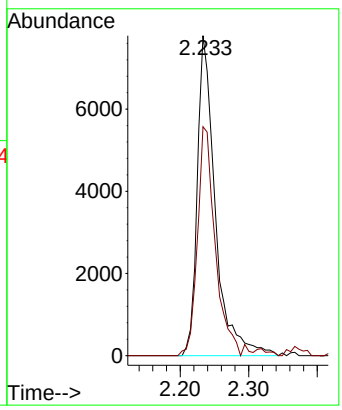




#13
Acrolein
Concen: 57.913 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 56 Resp: 1429

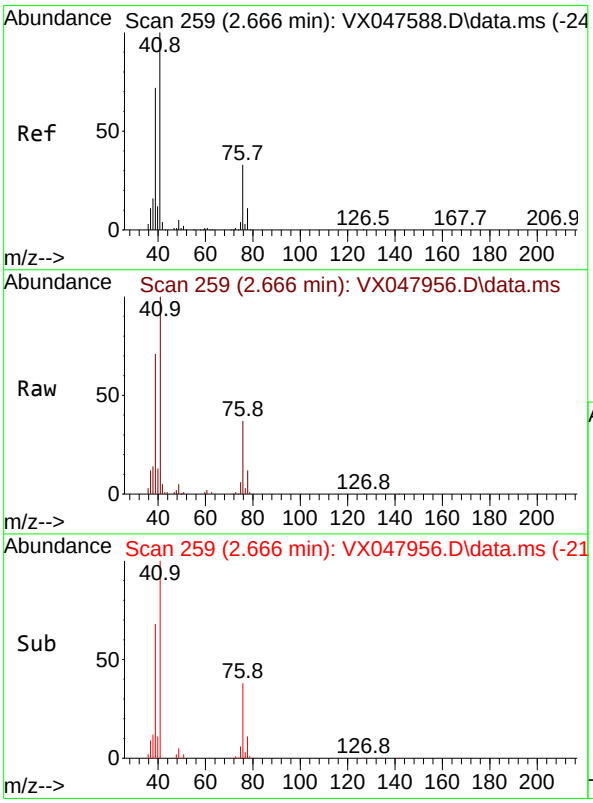
Ion	Ratio	Lower	Upper
56	100		
55	70.1	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
APPROVED

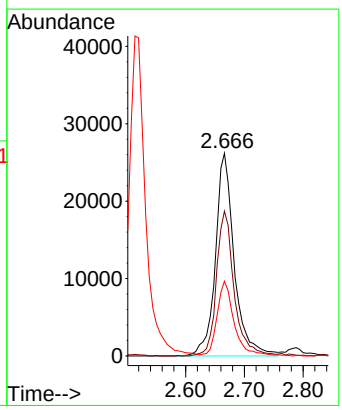
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

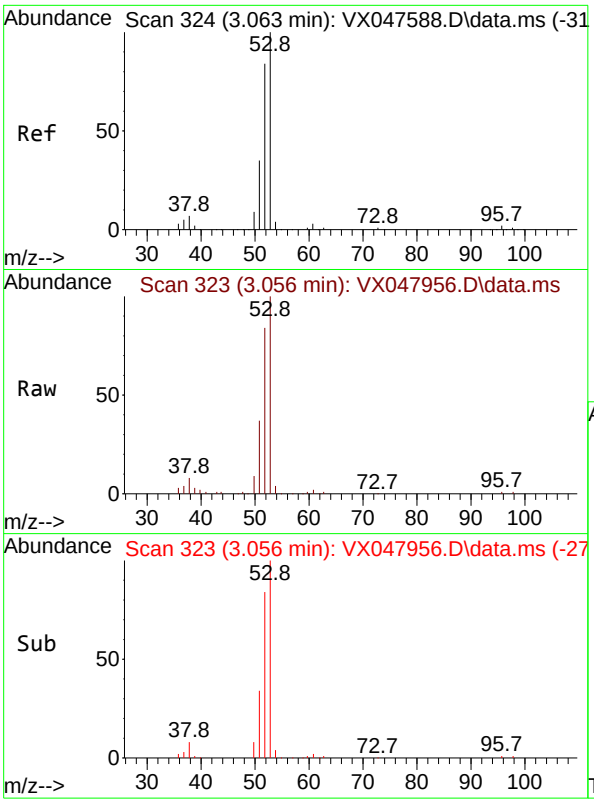


#14
Allyl chloride
Concen: 15.758 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 41 Resp: 58352

Ion	Ratio	Lower	Upper
41	100		
39	67.1	54.7	82.1
76	33.4	25.7	38.5

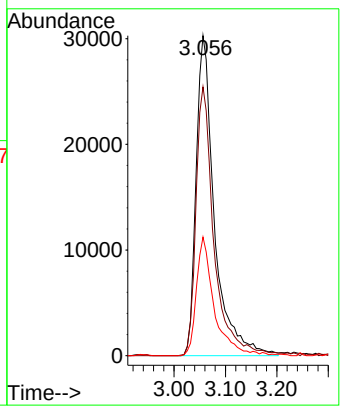




#15
Acrylonitrile
Concen: 75.731 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 53 Resp: 7511

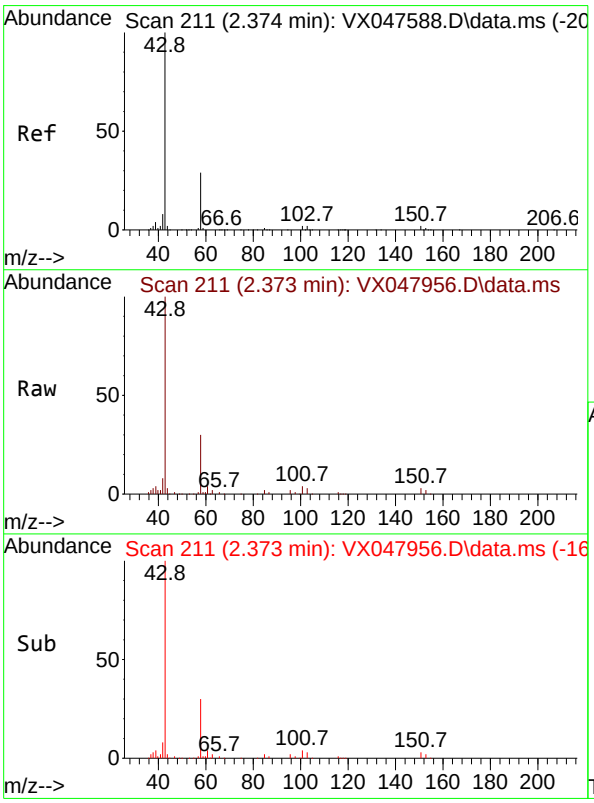
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.4	99.6
51	36.2	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
APPROVED

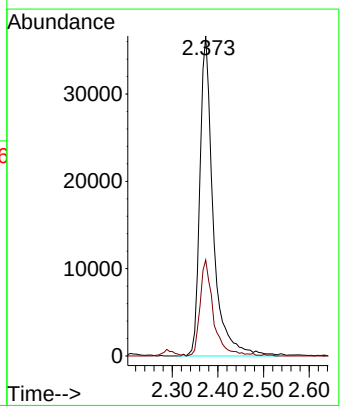
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

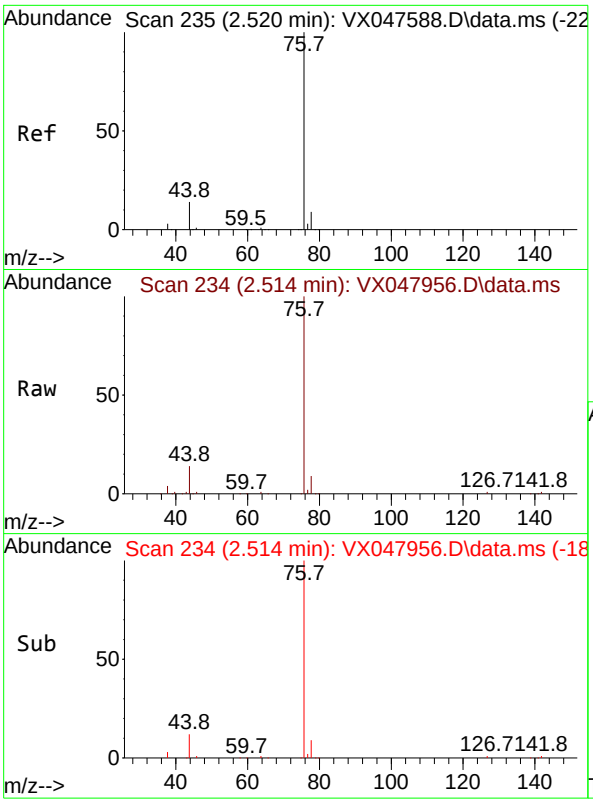


#16
Acetone
Concen: 70.903 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 43 Resp: 74118

Ion	Ratio	Lower	Upper
43	100		
58	30.0	23.4	35.0

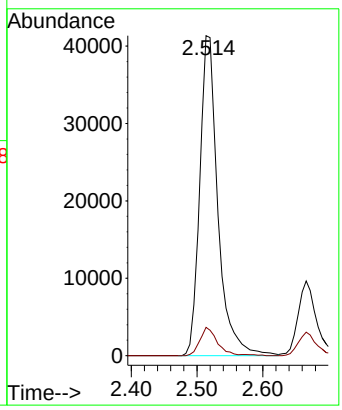




#17
Carbon Disulfide
Concen: 16.160 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 76 Resp: 7939

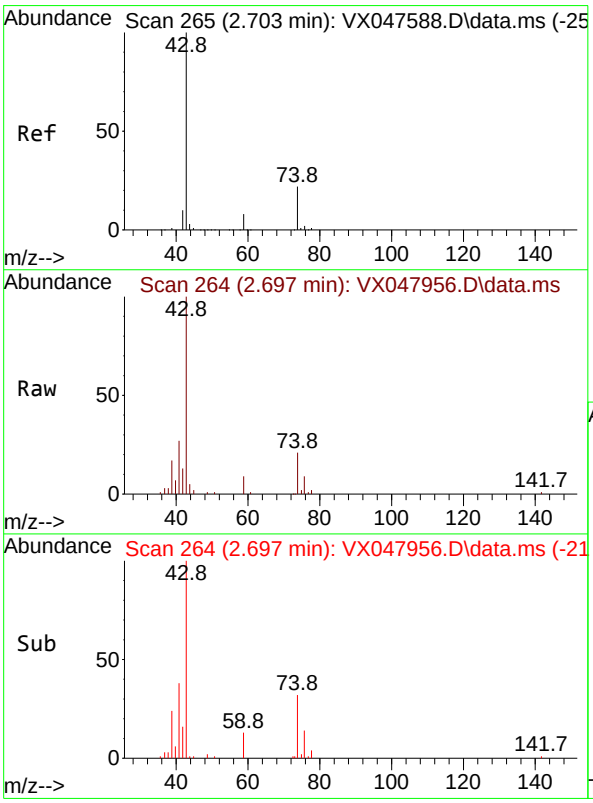
Ion	Ratio	Lower	Upper
76	100		
78	8.9	6.8	10.2



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
APPROVED

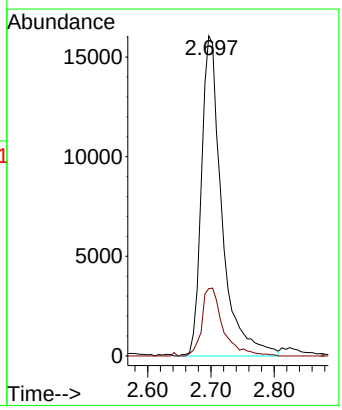
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

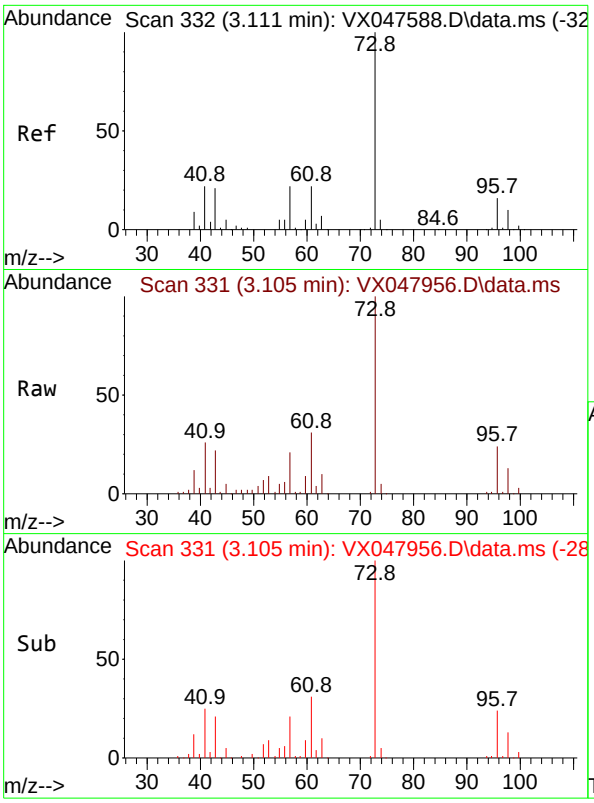


#18
Methyl Acetate
Concen: 15.495 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 43 Resp: 36047

Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.4	26.2

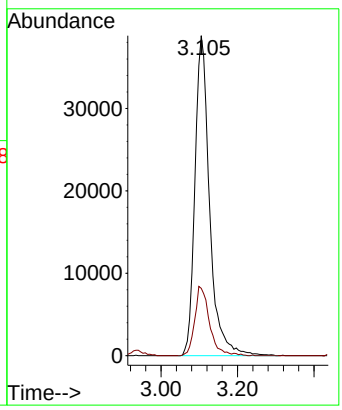




#19
Methyl tert-butyl Ether
Concen: 15.732 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 73 Resp: 10305

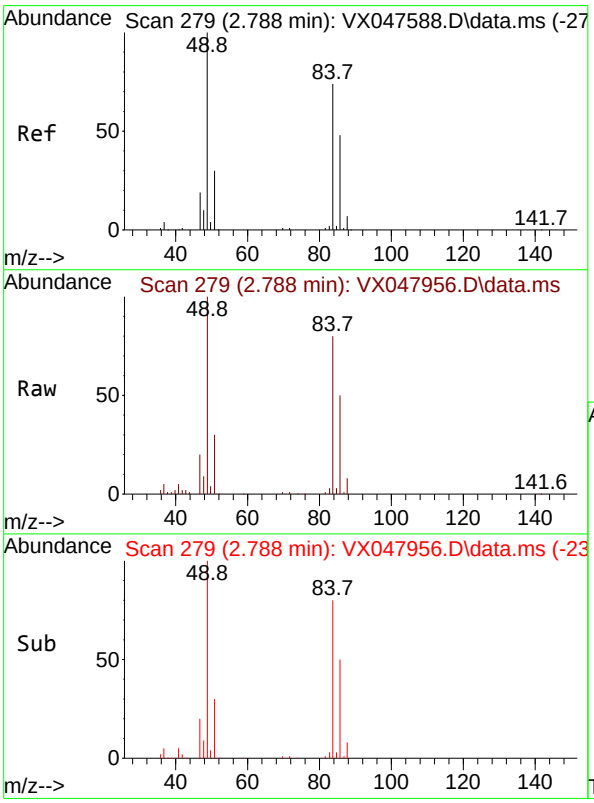
Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations APPROVED

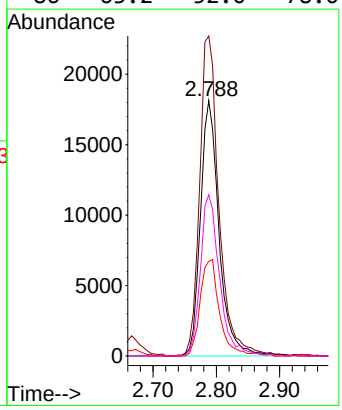
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

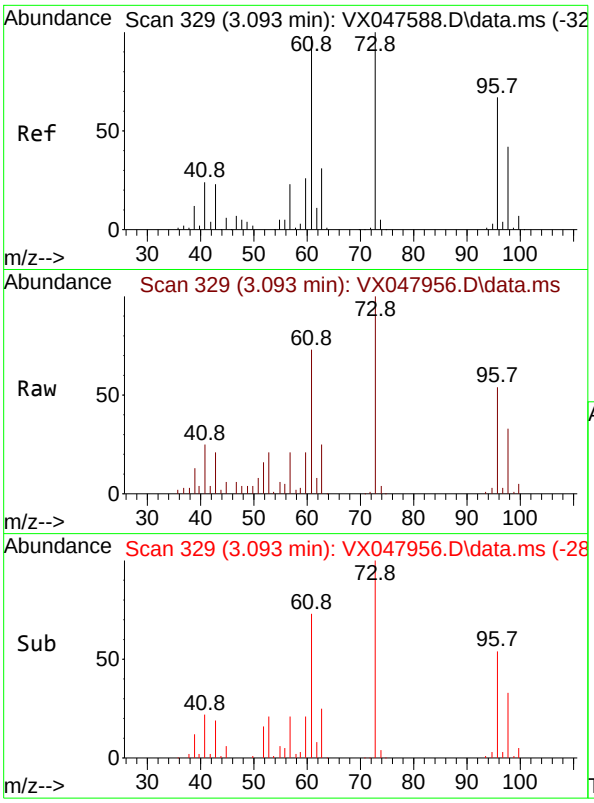


#20
Methylene Chloride
Concen: 16.817 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 84 Resp: 37212

Ion	Ratio	Lower	Upper
84	100		
49	124.9	108.6	162.8
51	37.1	32.6	48.8
86	63.2	52.0	78.0

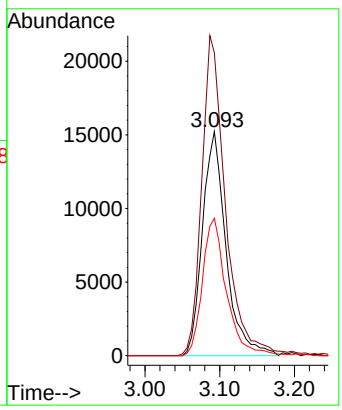




#21
trans-1,2-Dichloroethene
Concen: 17.282 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 96 Resp: 3339

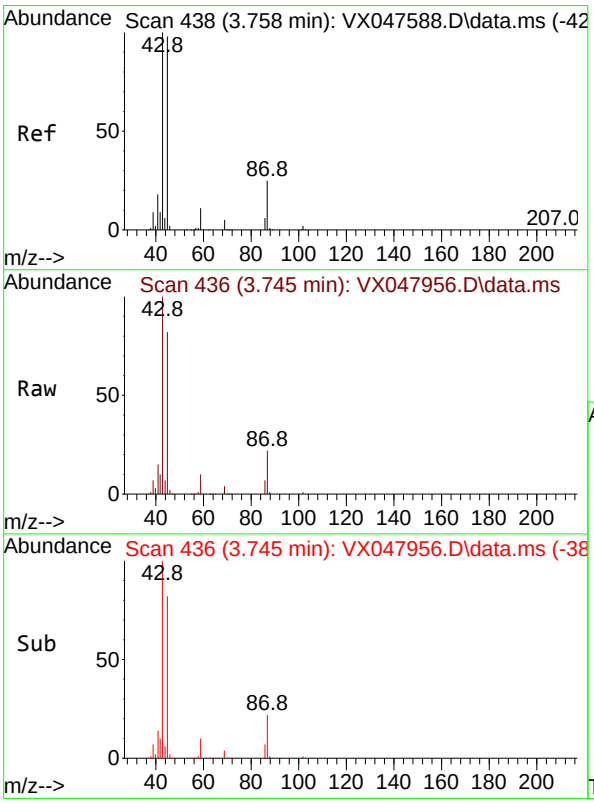
Ion	Ratio	Lower	Upper
96	100		
61	135.1	116.2	174.2
98	61.3	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations APPROVED

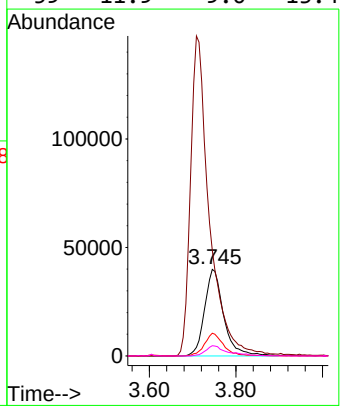
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

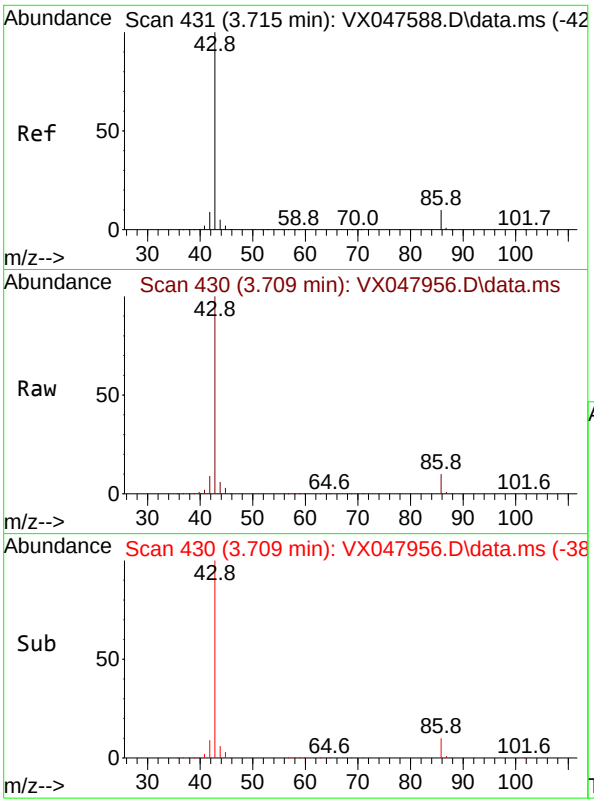


#22
Diisopropyl ether
Concen: 17.053 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 45 Resp: 122384

Ion	Ratio	Lower	Upper
45	100		
43	121.2	81.0	121.4
87	26.3	20.3	30.5
59	11.9	9.0	13.4





#23
Vinyl Acetate
Concen: 77.630 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

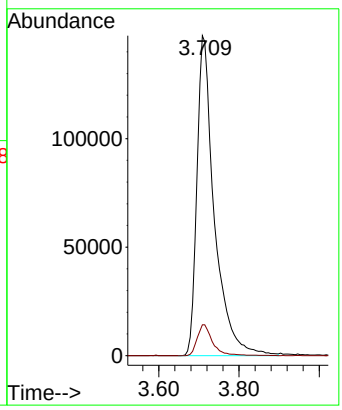
Tgt Ion: 43 Resp: 44588

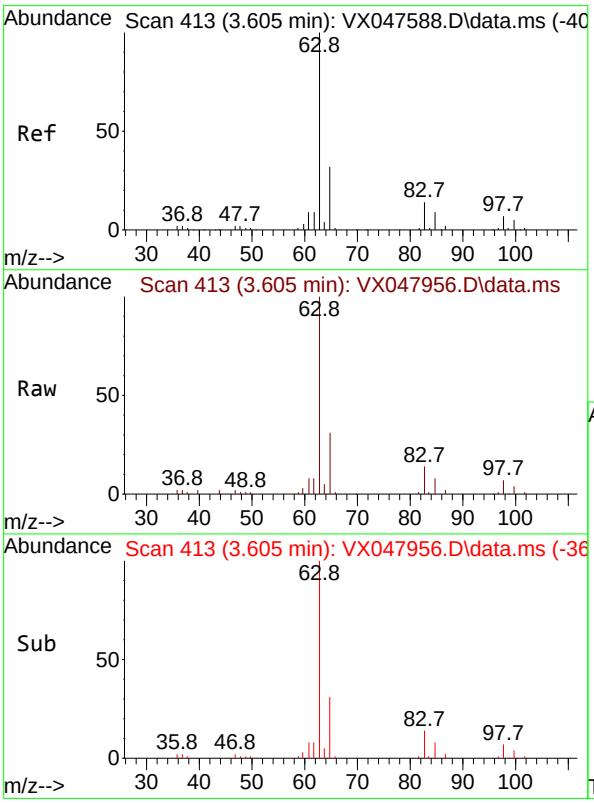
Ion	Ratio	Lower	Upper
43	100		
86	9.7	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

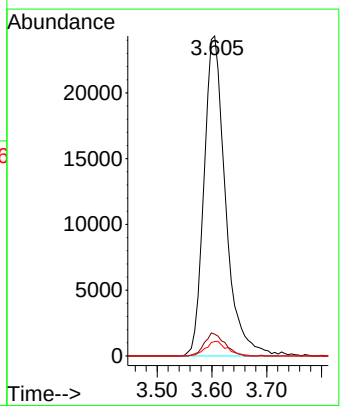


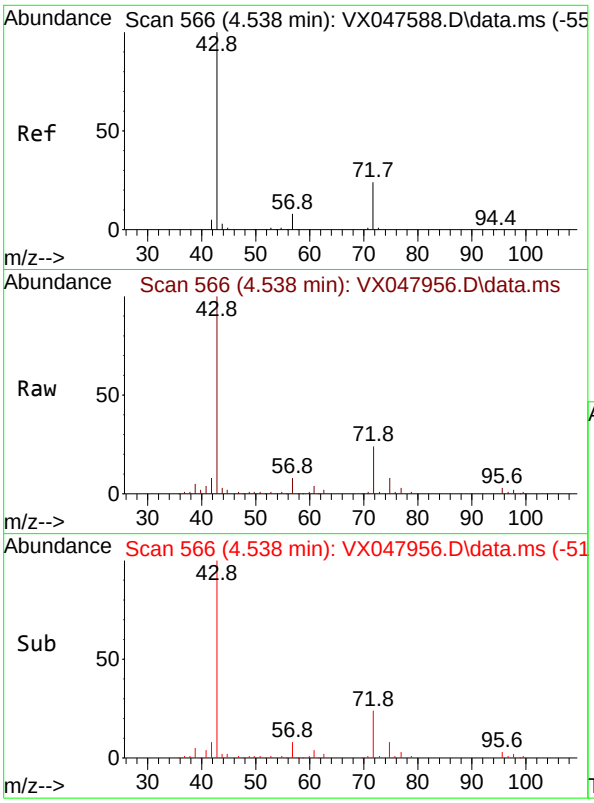


#24
1,1-Dichloroethane
Concen: 17.372 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 63 Resp: 66264

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.8	11.2
100	4.5	2.3	6.9

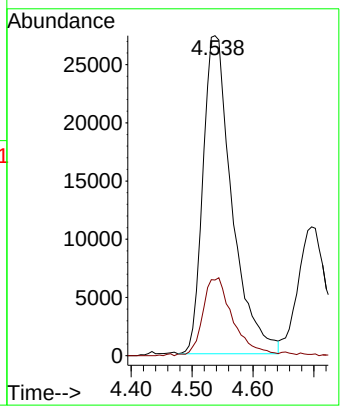




#25
2-Butanone
Concen: 69.431 ug/l
RT: 4.538 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 43 Resp: 9053

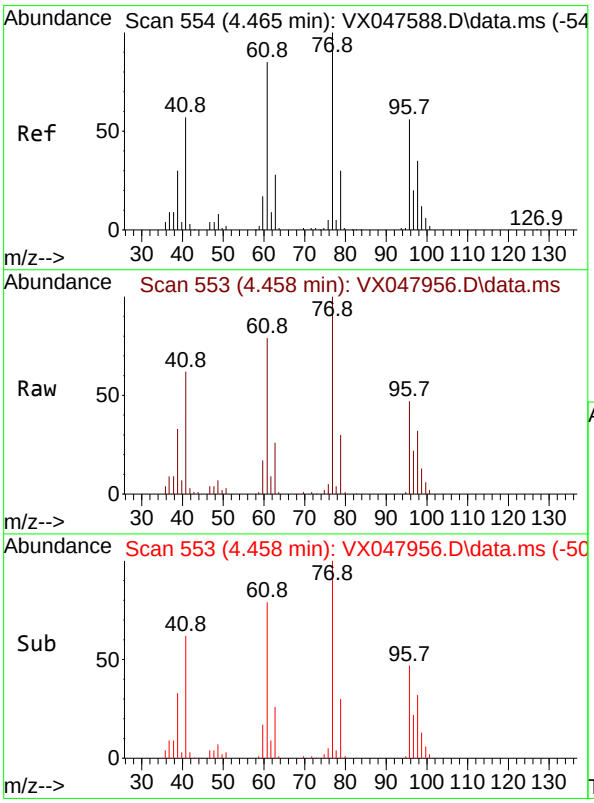
Ion	Ratio	Lower	Upper
43	100		
72	23.3	20.1	30.1



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations APPROVED

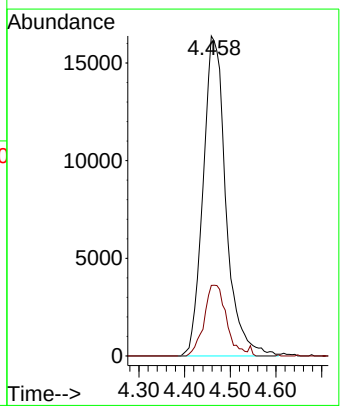
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

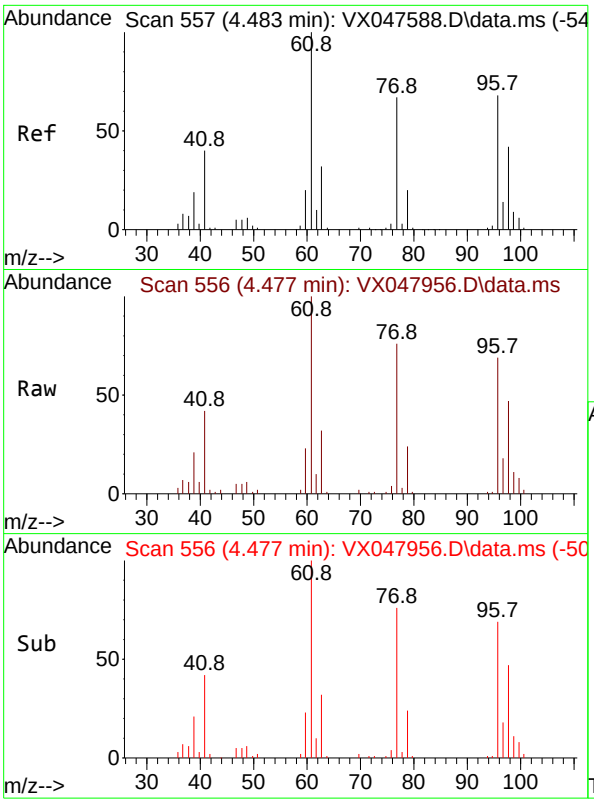


#26
2,2-Dichloropropane
Concen: 17.898 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 77 Resp: 56752

Ion	Ratio	Lower	Upper
77	100		
97	21.6	10.9	32.7

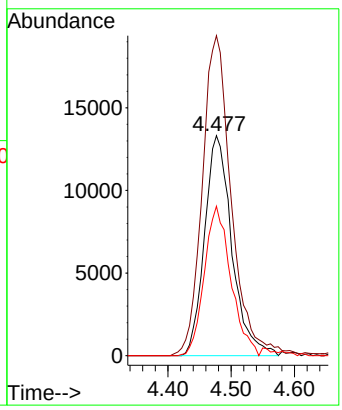




#27
cis-1,2-Dichloroethene
Concen: 16.909 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 96 Resp: 4000

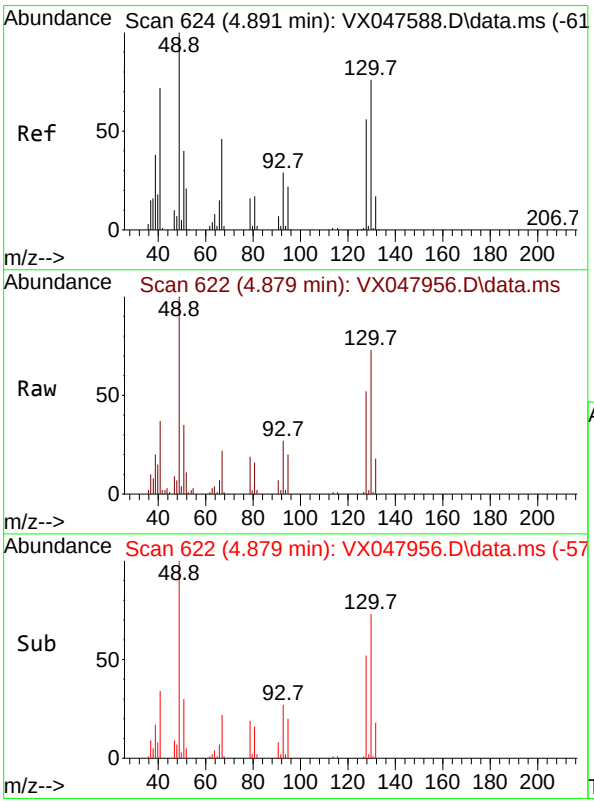
Ion	Ratio	Lower	Upper
96	100		
61	154.7	0.0	303.2
98	65.7	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
APPROVED

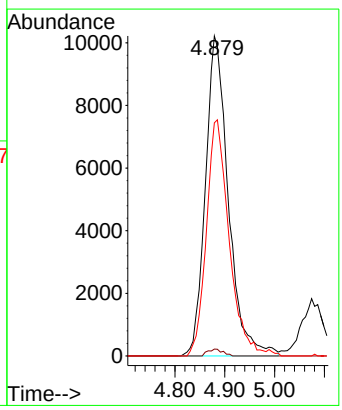
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

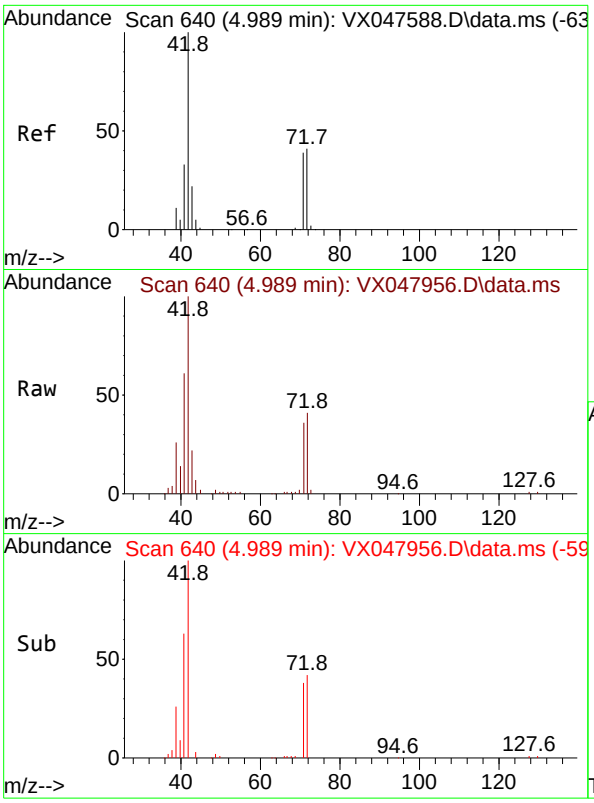


#28
Bromochloromethane
Concen: 19.599 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 49 Resp: 32637

Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.2
130	73.4	57.8	86.8

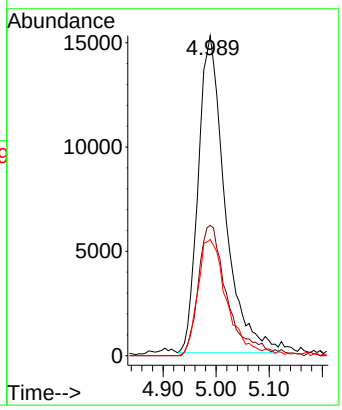




#29
Tetrahydrofuran
Concen: 67.926 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 42 Resp: 5328

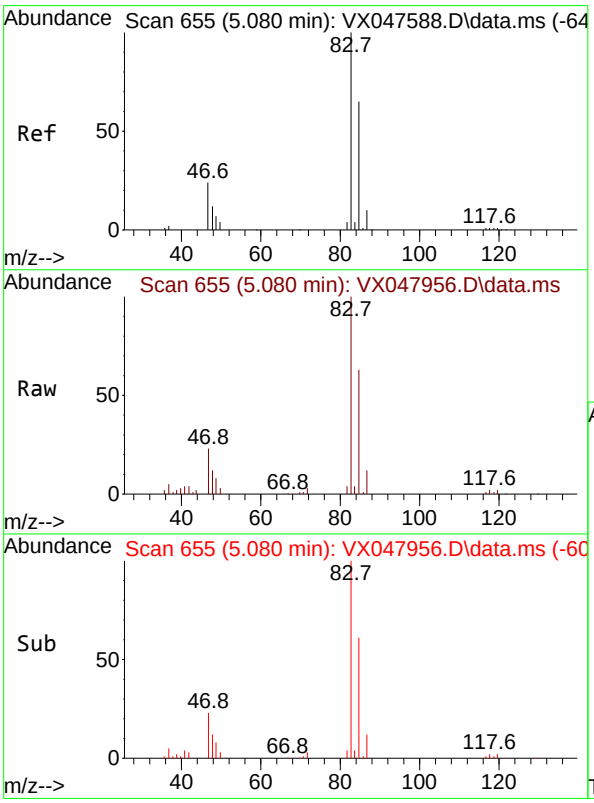
Ion	Ratio	Lower	Upper
42	100		
72	43.7	34.2	51.2
71	39.3	31.9	47.9



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
APPROVED

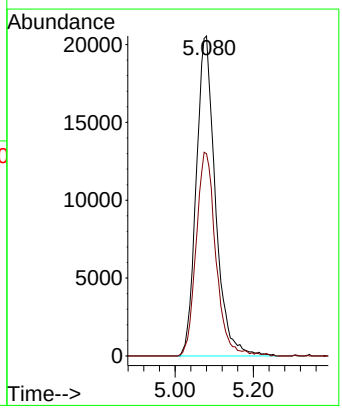
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

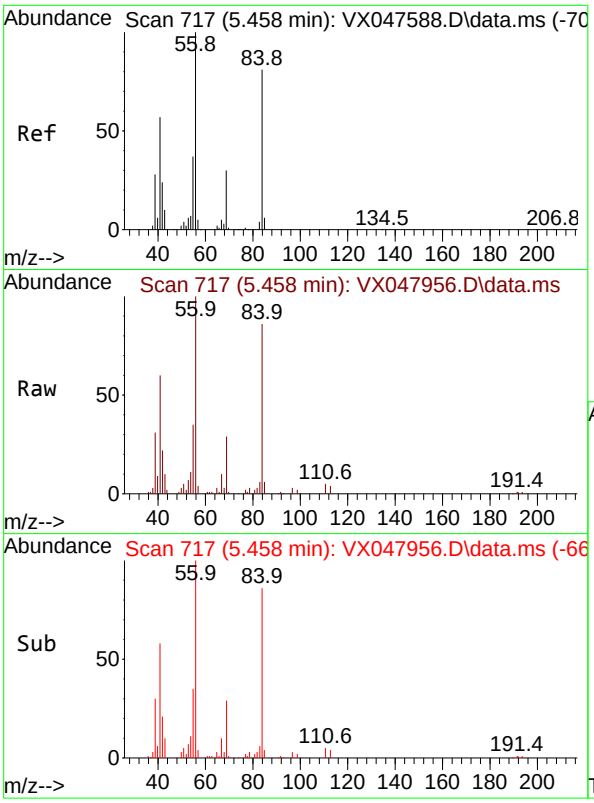


#30
Chloroform
Concen: 18.108 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 83 Resp: 69800

Ion	Ratio	Lower	Upper
83	100		
85	61.0	51.8	77.6

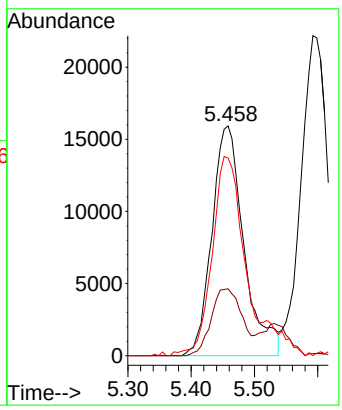




#31
Cyclohexane
Concen: 17.591 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 56 Resp: 5588

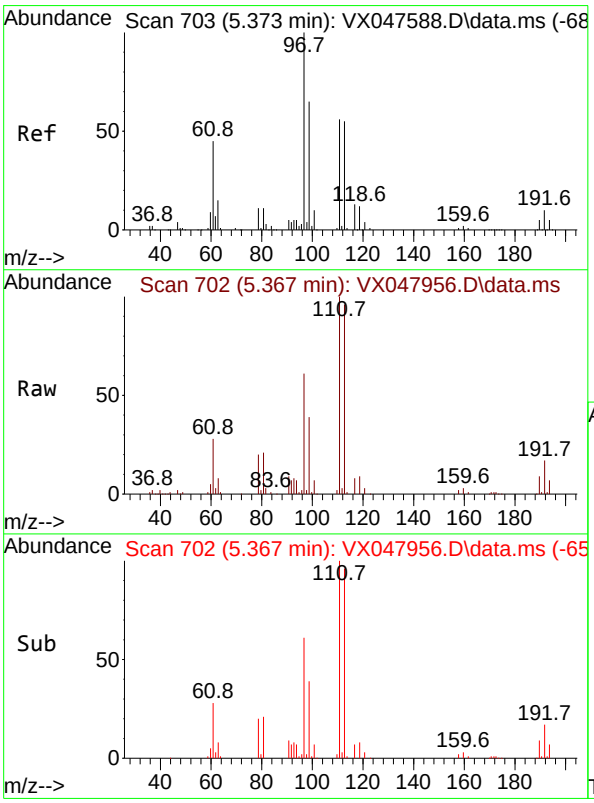
Ion	Ratio	Lower	Upper
56	100		
69	29.1	23.8	35.8
84	84.6	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
APPROVED

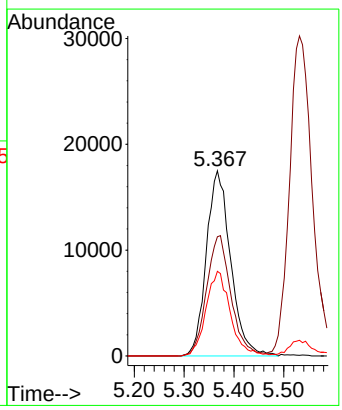
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

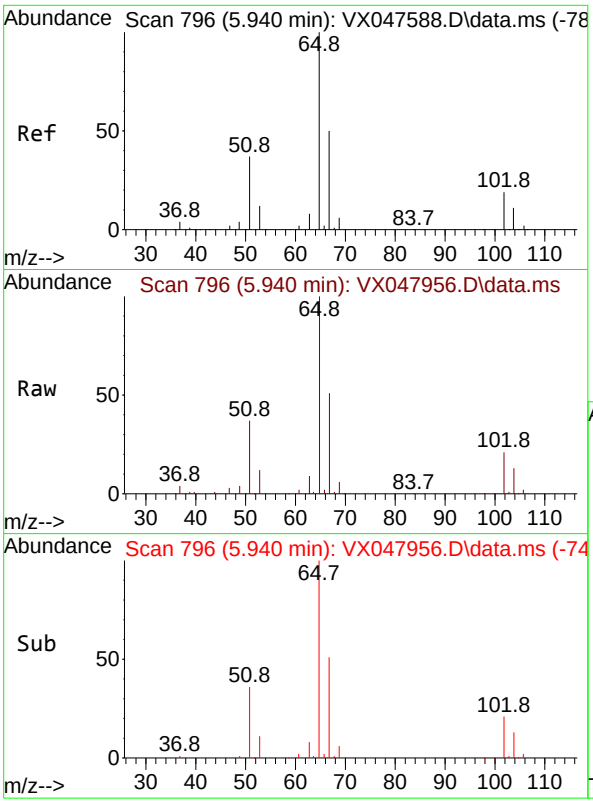


#32
1,1,1-Trichloroethane
Concen: 18.074 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 97 Resp: 59094

Ion	Ratio	Lower	Upper
97	100		
99	65.2	50.6	76.0
61	46.0	35.8	53.8

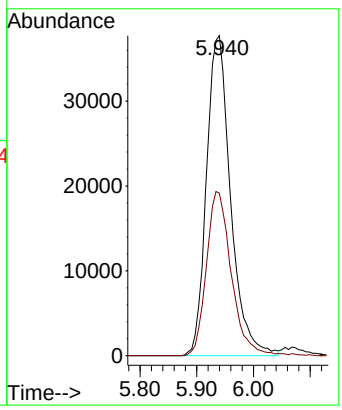




#33
1,2-Dichloroethane-d4
Concen: 46.411 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 65 Resp: 11158

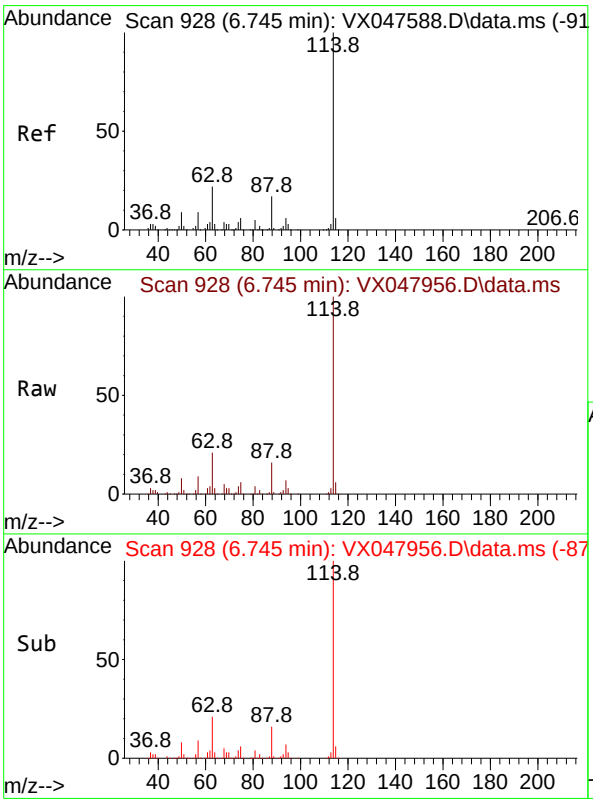
Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations APPROVED

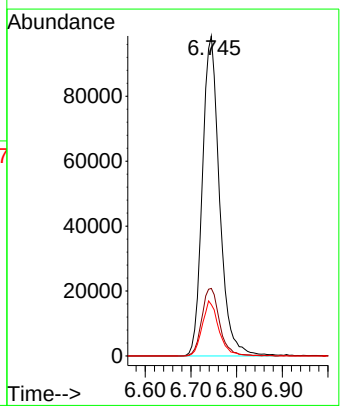
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

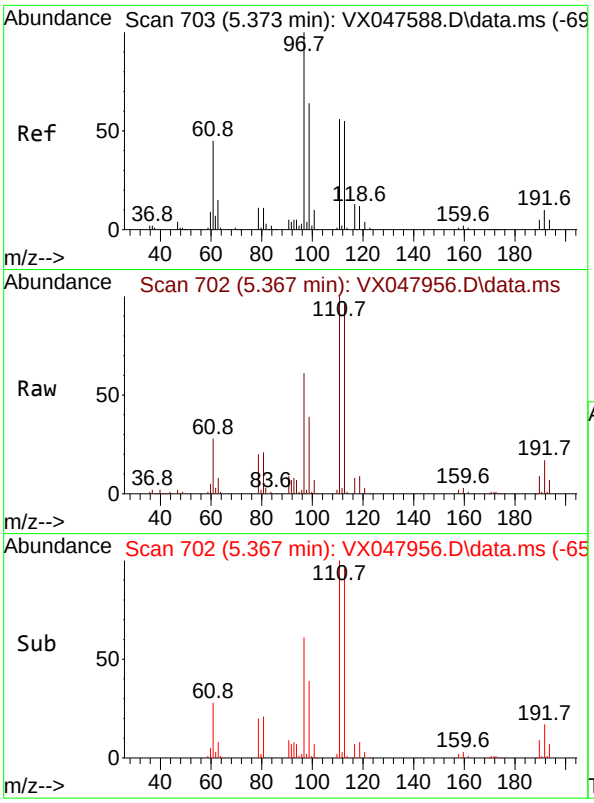


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:114 Resp: 257081

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	44.0
88	16.0	0.0	34.2

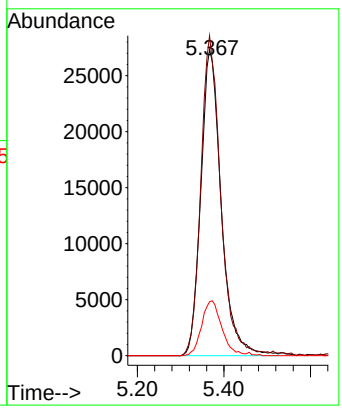




#35
Dibromofluoromethane
Concen: 51.774 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:113 Resp: 8926

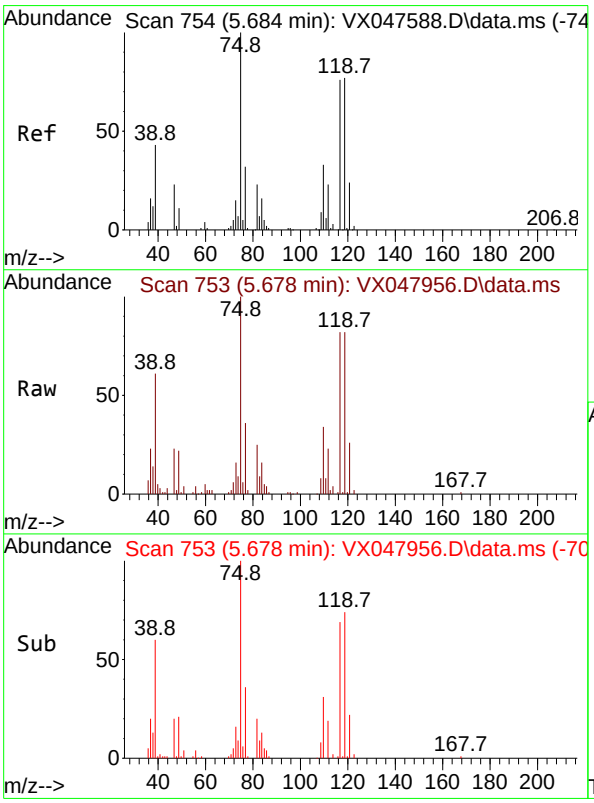
Ion	Ratio	Lower	Upper
113	100		
111	102.1	80.9	121.3
192	17.7	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations APPROVED

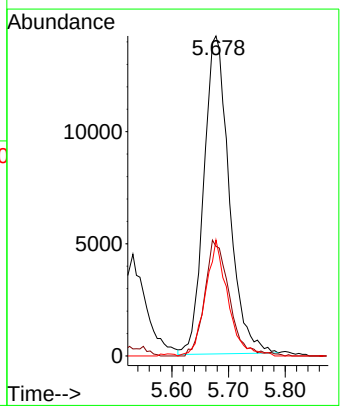
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

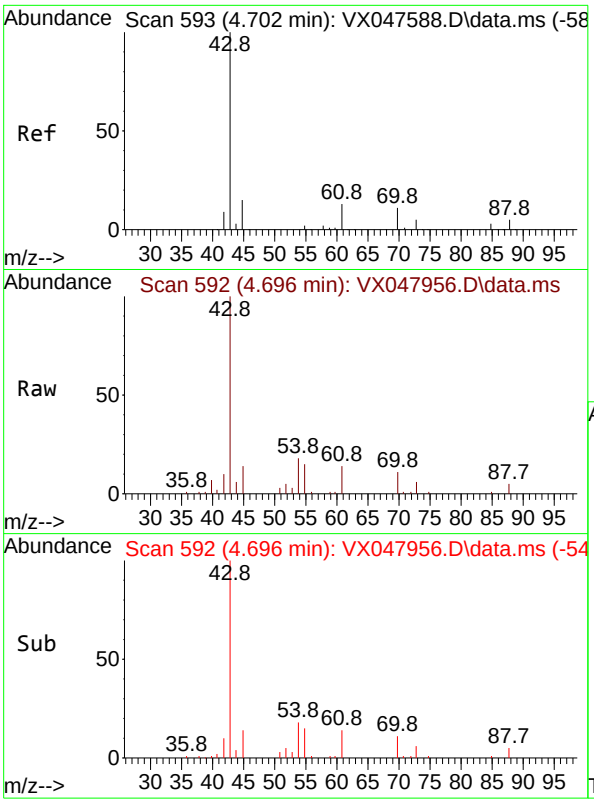


#36
1,1-Dichloropropene
Concen: 17.466 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 75 Resp: 44002

Ion	Ratio	Lower	Upper
75	100		
110	35.6	16.7	50.1
77	32.3	24.3	36.5

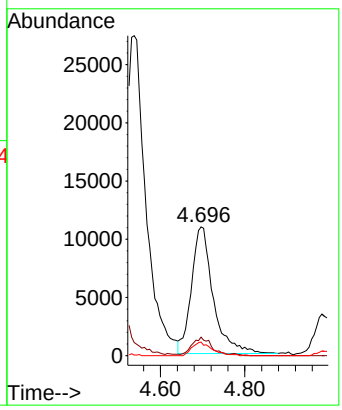




#37
Ethyl Acetate
Concen: 14.488 ug/l
RT: 4.696 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 43 Resp: 3908

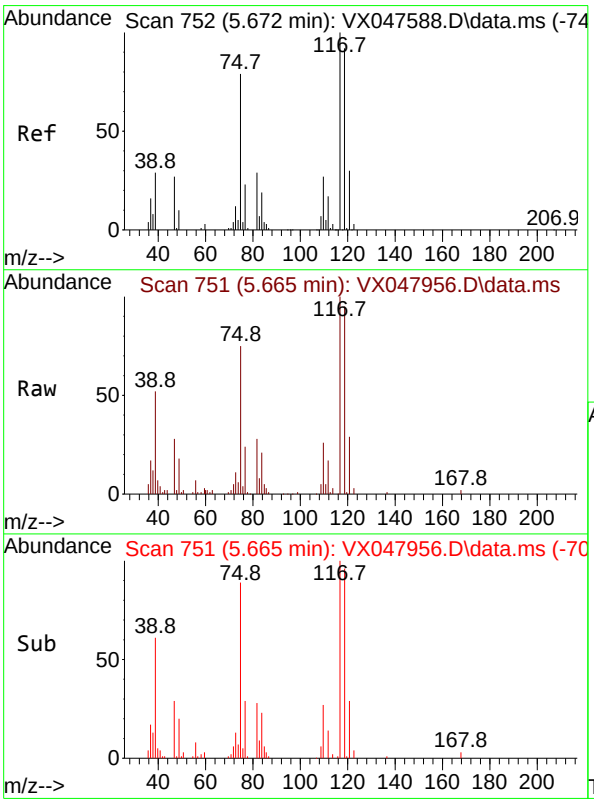
Ion	Ratio	Lower	Upper
43	100		
61	10.9	9.8	14.8
70	9.9	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations APPROVED

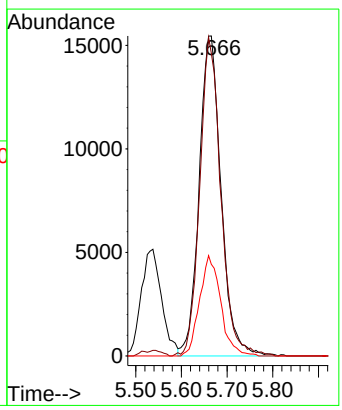
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

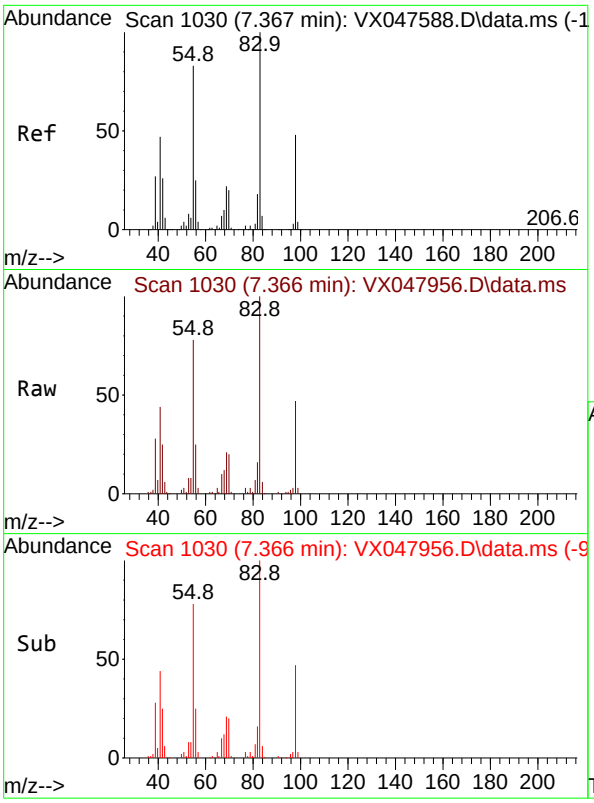


#38
Carbon Tetrachloride
Concen: 18.804 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:117 Resp: 51473

Ion	Ratio	Lower	Upper
117	100		
119	94.6	73.4	110.2
121	28.6	23.8	35.6

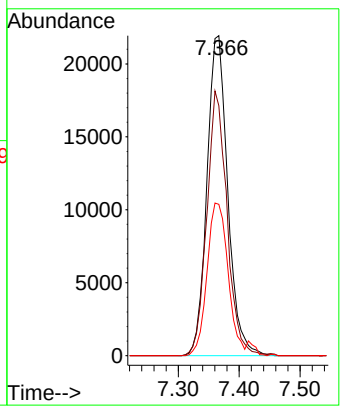




#39
Methylcyclohexane
Concen: 18.209 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 83 Resp: 5207

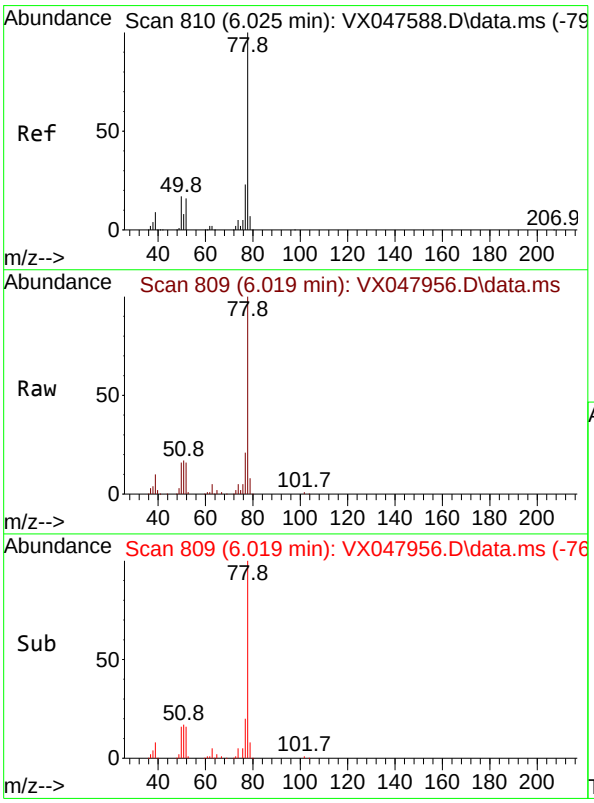
Ion	Ratio	Lower	Upper
83	100		
55	78.1	66.4	99.6
98	47.3	38.1	57.1



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
APPROVED

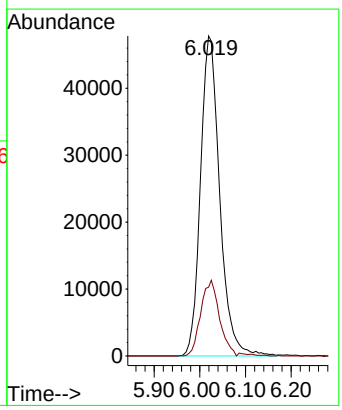
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

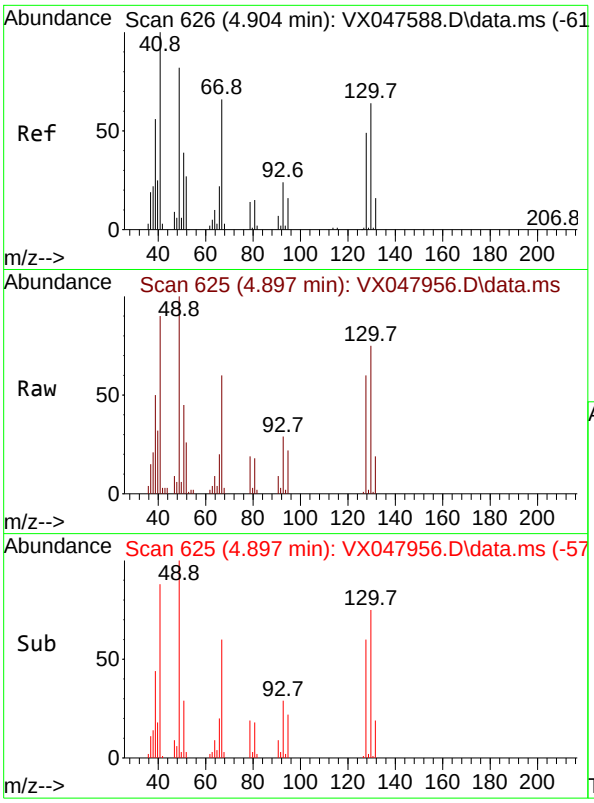


#40
Benzene
Concen: 18.267 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 78 Resp: 139777

Ion	Ratio	Lower	Upper
78	100		
77	21.5	18.8	28.2

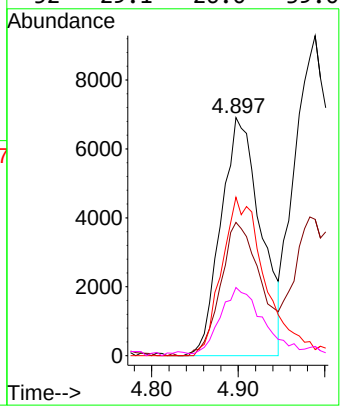




#41
Methacrylonitrile
Concen: 15.840 ug/l
RT: 4.897 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 41 Resp: 2205

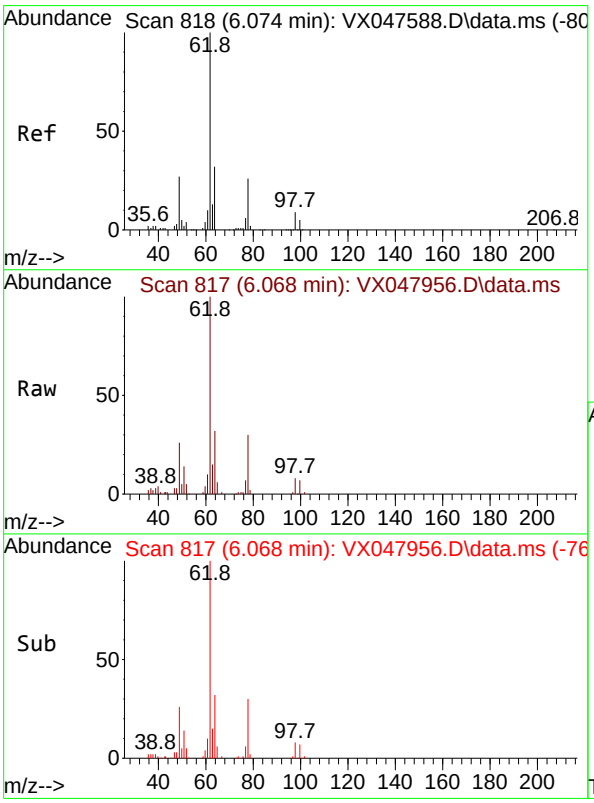
Ion	Ratio	Lower	Upper
41	100		
39	56.2	43.3	64.9
67	74.0	58.6	87.8
52	29.1	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
APPROVED

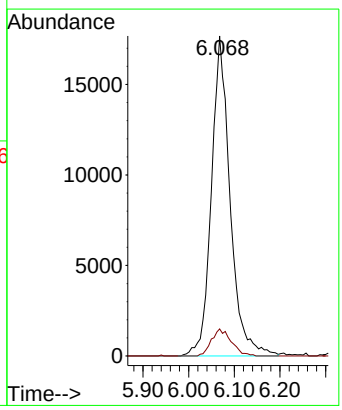
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

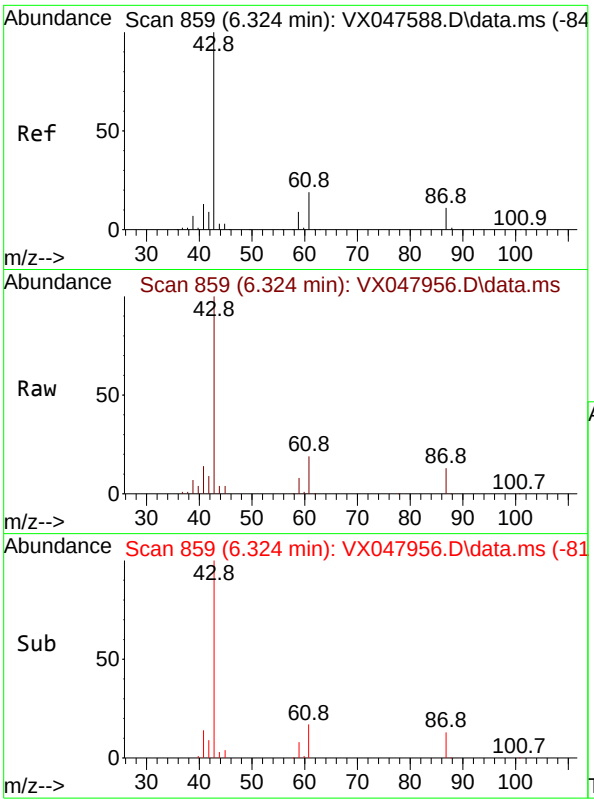


#42
1,2-Dichloroethane
Concen: 17.256 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 62 Resp: 50241

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.0





#43
Isopropyl Acetate
Concen: 15.311 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

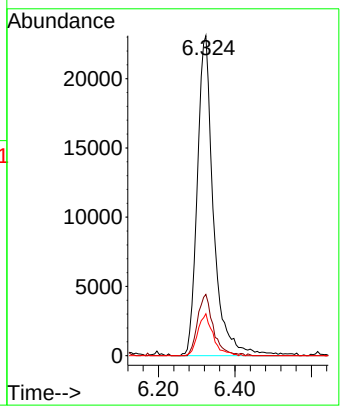
Tgt Ion: 43 Resp: 6773

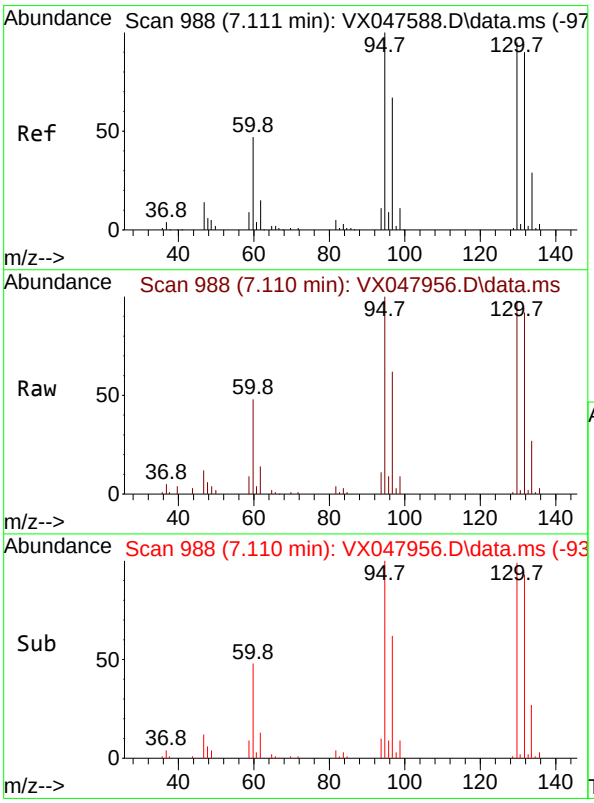
Ion	Ratio	Lower	Upper
43	100		
61	18.6	15.2	22.8
87	12.4	9.6	14.4

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

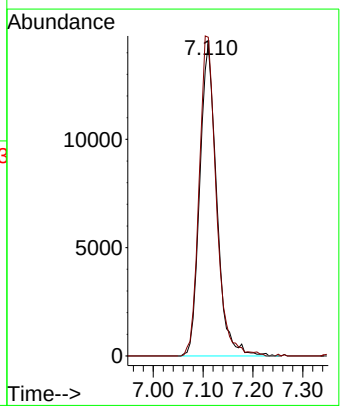


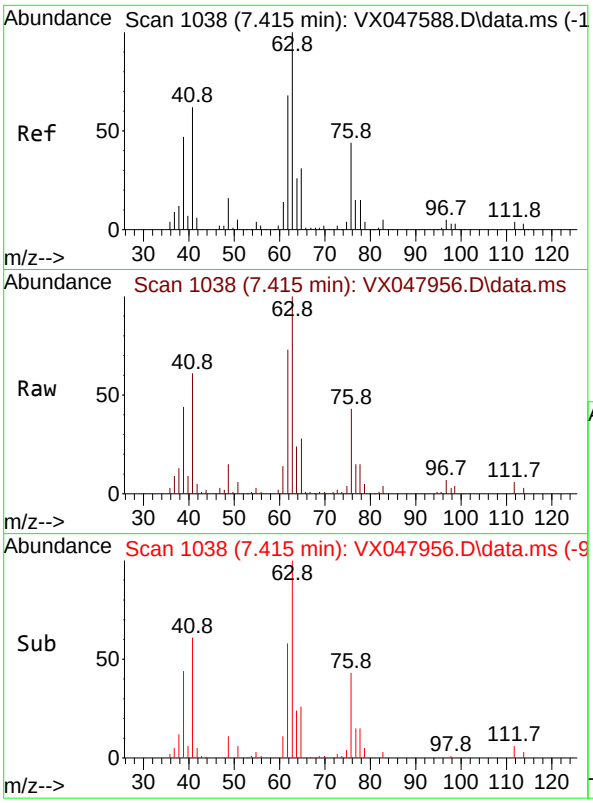


#44
Trichloroethene
Concen: 18.330 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:130 Resp: 33910

Ion	Ratio	Lower	Upper
130	100		
95	102.2	0.0	210.8

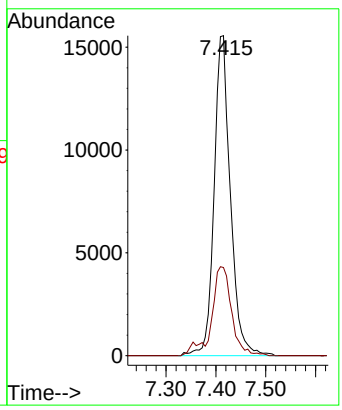




#45
1,2-Dichloropropane
Concen: 18.021 ug/l
RT: 7.415 min Scan# 1(
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 63 Resp: 3531(

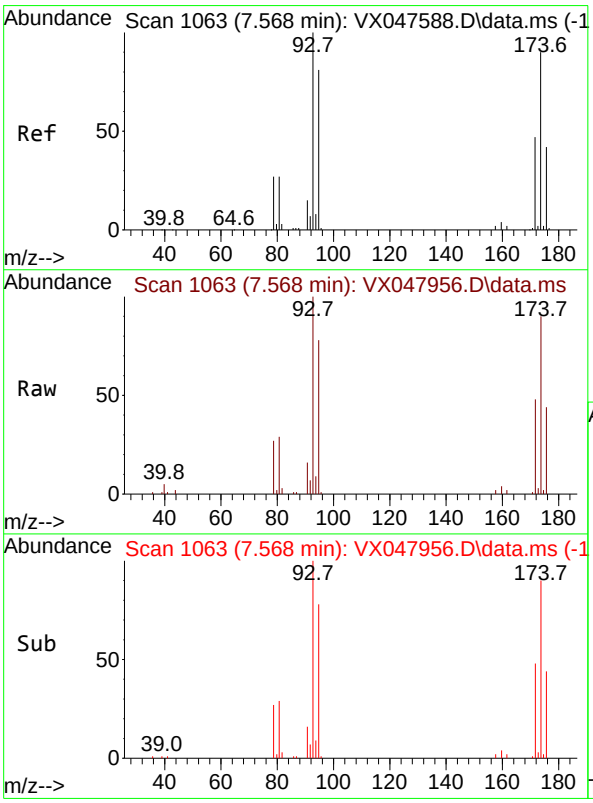
Ion	Ratio	Lower	Upper
63	100		
65	27.5	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
APPROVED

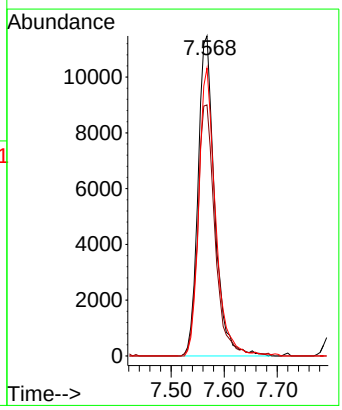
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

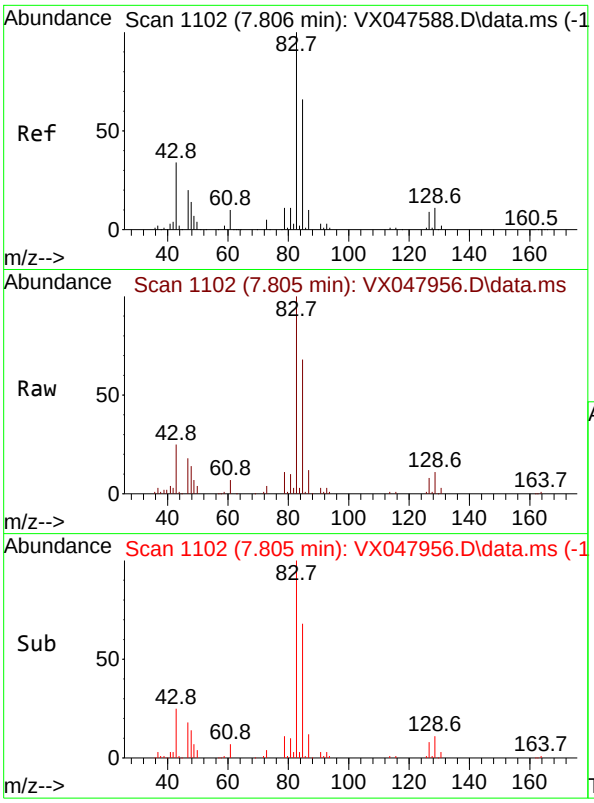


#46
Dibromomethane
Concen: 17.478 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 93 Resp: 24921

Ion	Ratio	Lower	Upper
93	100		
95	81.6	65.0	97.6
174	90.6	71.6	107.4

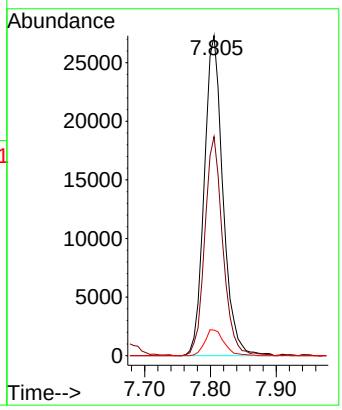




#47
Bromodichloromethane
Concen: 18.362 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 83 Resp: 5402

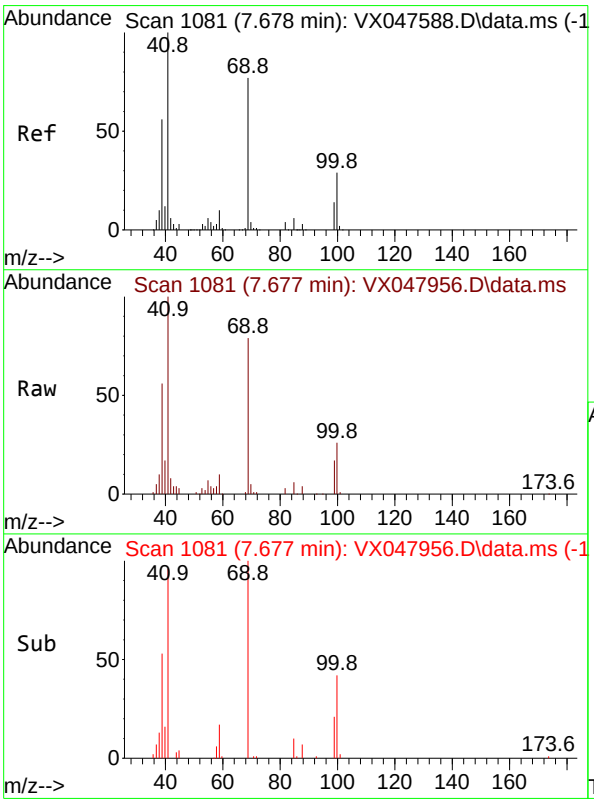
Ion	Ratio	Lower	Upper
83	100		
85	69.6	52.5	78.7
127	8.0	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
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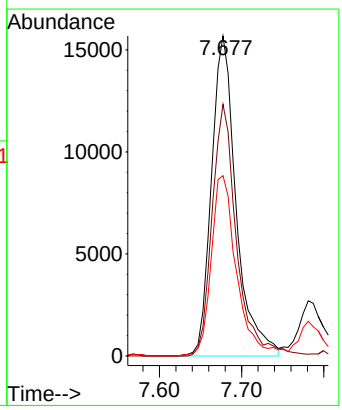
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

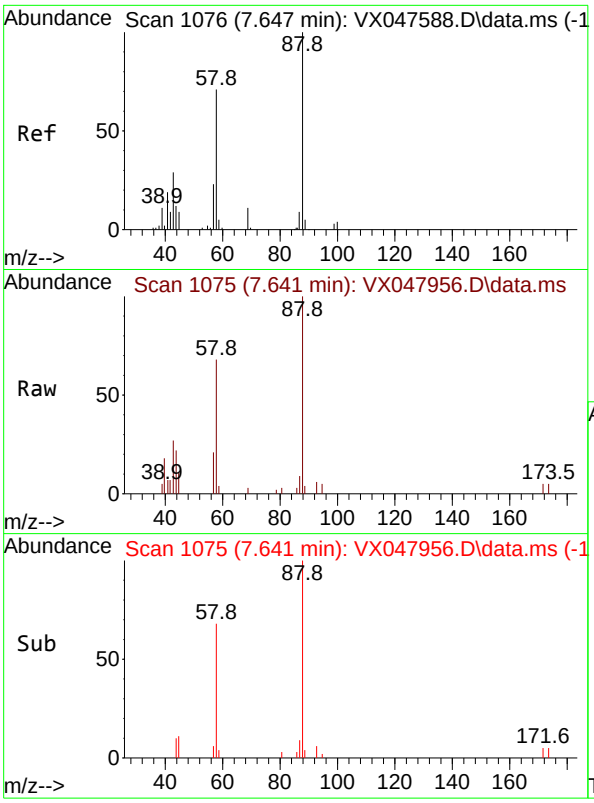


#48
Methyl methacrylate
Concen: 14.858 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 41 Resp: 32743

Ion	Ratio	Lower	Upper
41	100		
69	78.0	61.4	92.2
39	58.0	45.8	68.6

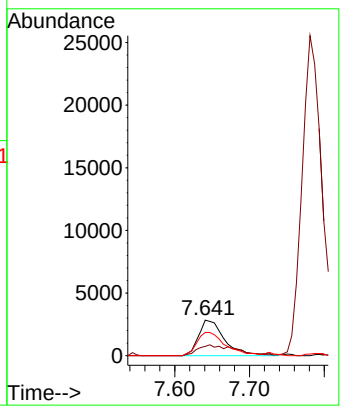




#49
1,4-Dioxane
Concen: 310.454 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 88 Resp: 691

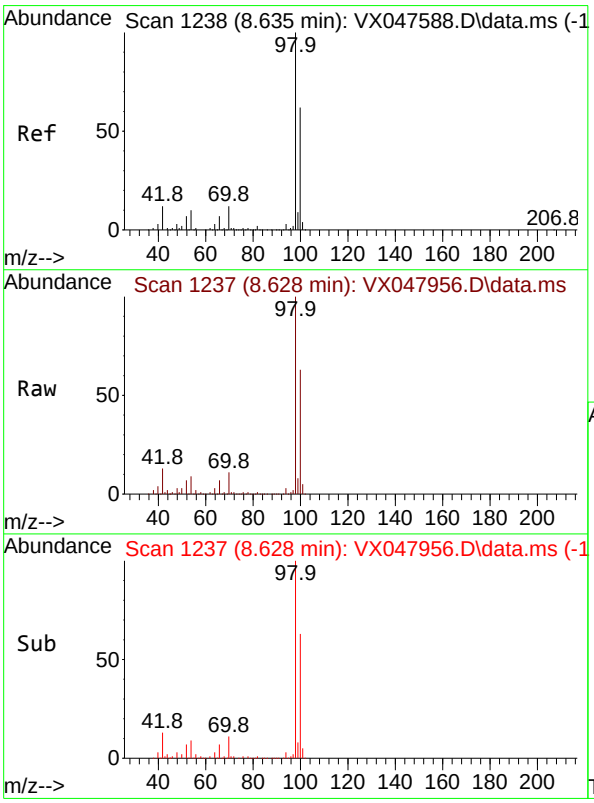
Ion	Ratio	Lower	Upper
88	100		
43	43.6	30.2	45.2
58	71.0	59.5	89.3



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations APPROVED

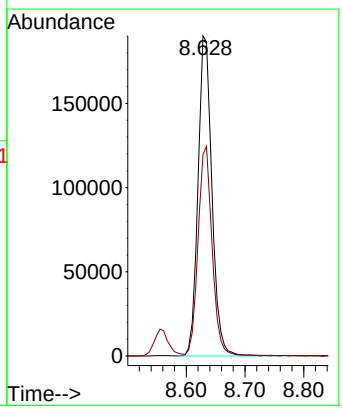
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

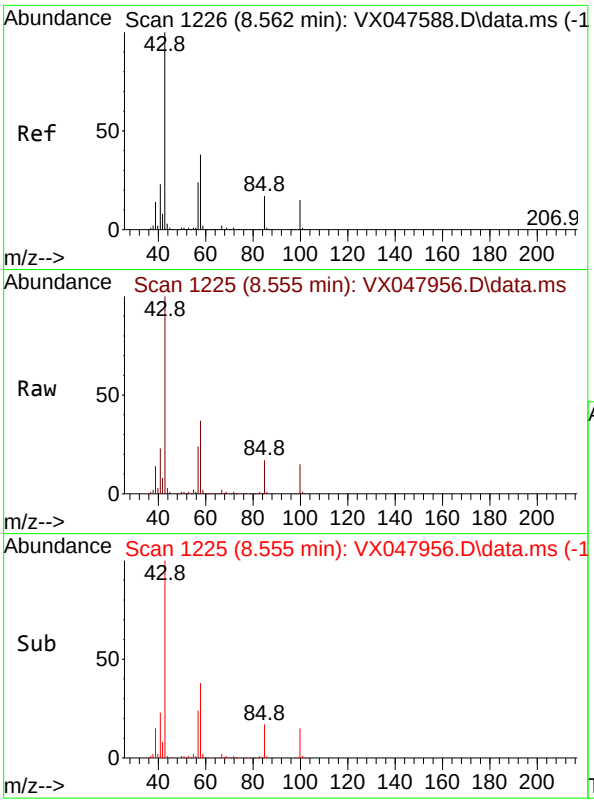


#50
Toluene-d8
Concen: 52.484 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 98 Resp: 313110

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.4

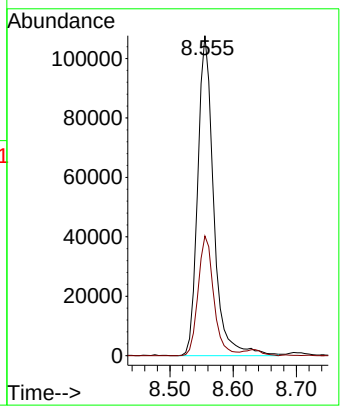




#51
4-Methyl-2-Pentanone
Concen: 77.343 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 43 Resp: 18971

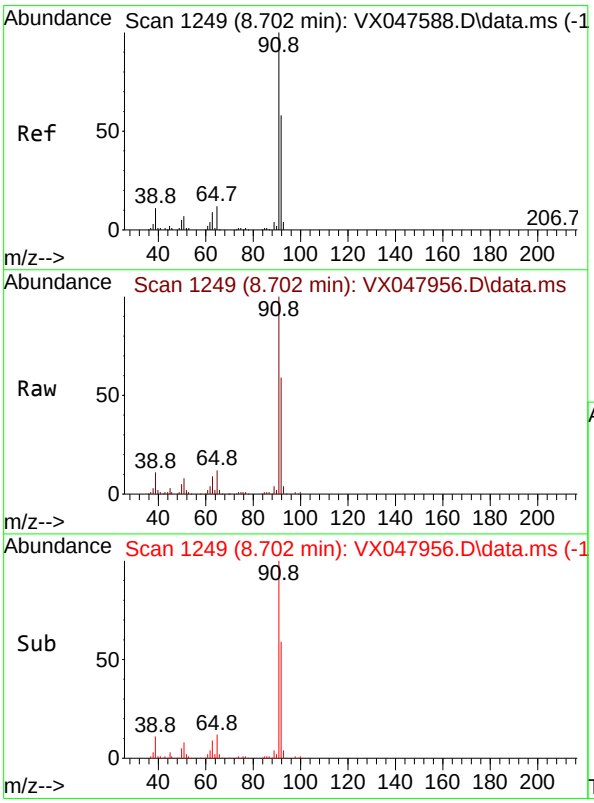
Ion	Ratio	Lower	Upper
43	100		
58	36.6	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
APPROVED

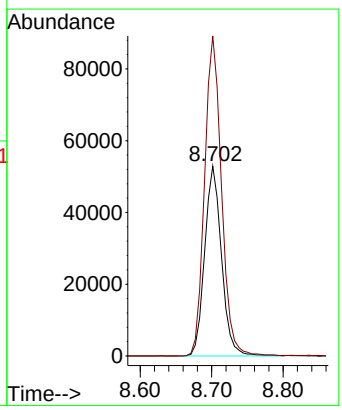
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

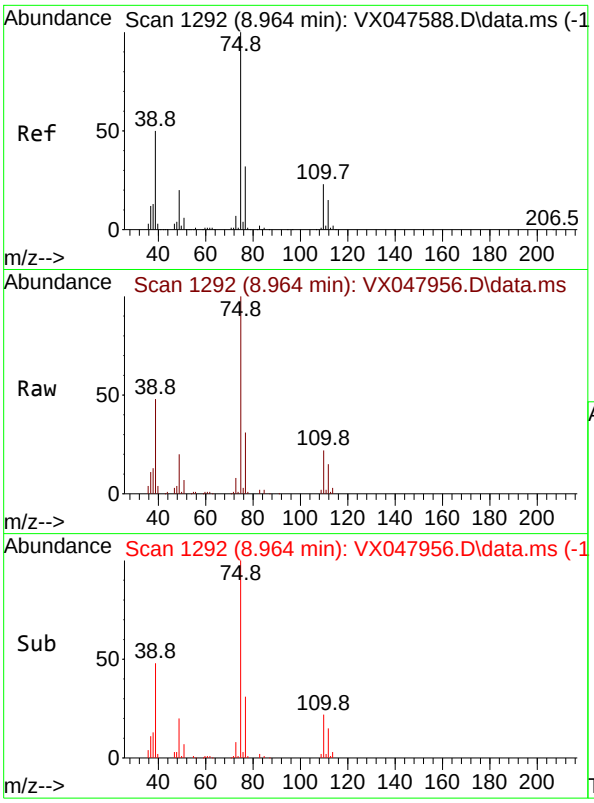


#52
Toluene
Concen: 18.336 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 92 Resp: 86444

Ion	Ratio	Lower	Upper
92	100		
91	169.7	137.1	205.7

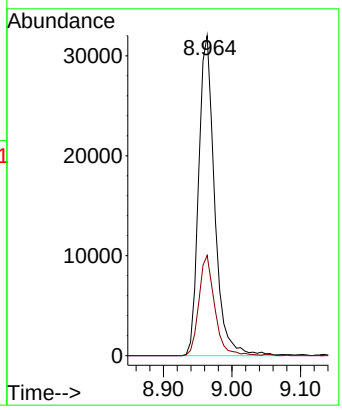




#53
t-1,3-Dichloropropene
Concen: 17.309 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 75 Resp: 5194

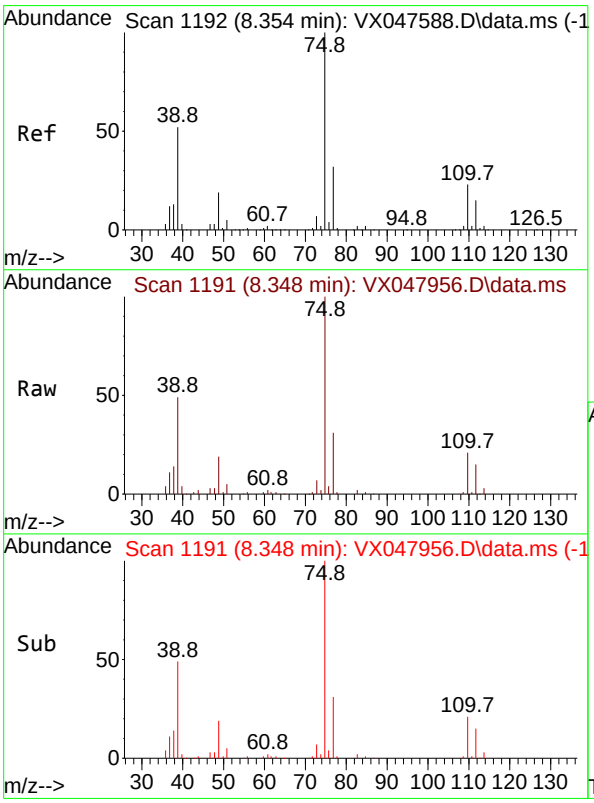
Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
APPROVED

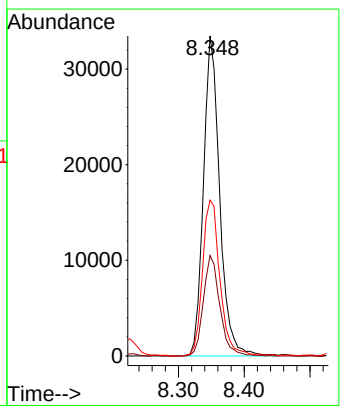
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

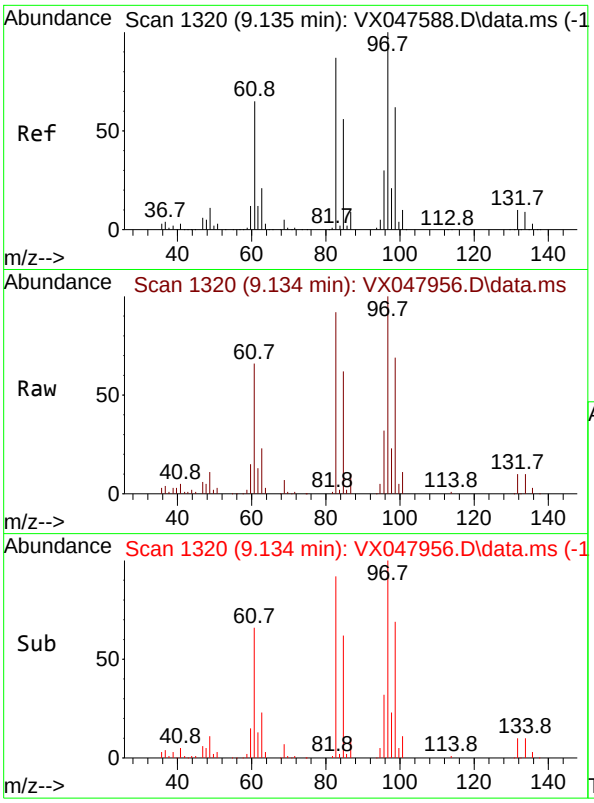


#54
cis-1,3-Dichloropropene
Concen: 17.944 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 75 Resp: 57562

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.8	38.6
39	48.7	41.4	62.2

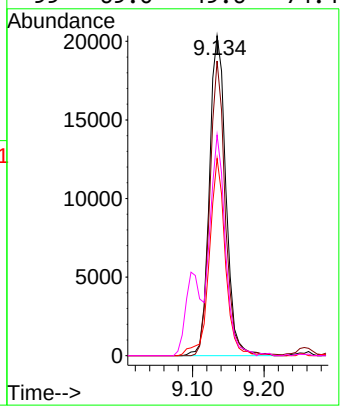




#55
1,1,2-Trichloroethane
Concen: 17.965 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 97 Resp: 3265

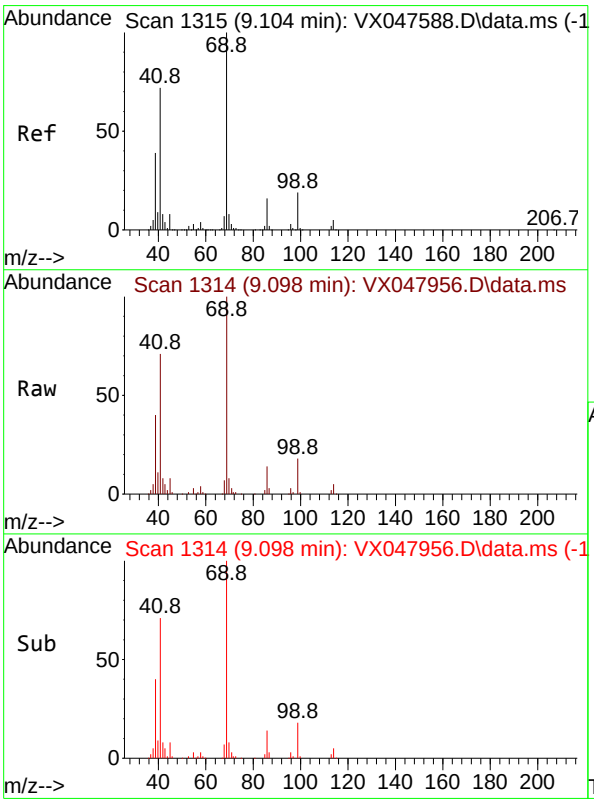
Ion	Ratio	Lower	Upper
97	100		
83	92.1	69.6	104.4
85	64.0	45.0	67.6
99	69.0	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
APPROVED

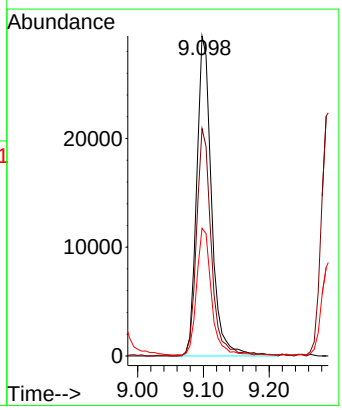
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

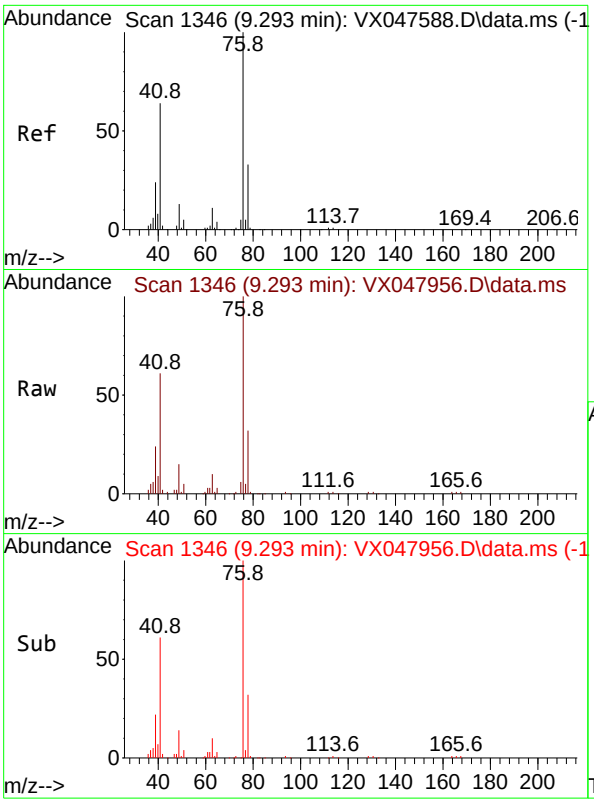


#56
Ethyl methacrylate
Concen: 16.117 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 69 Resp: 46012

Ion	Ratio	Lower	Upper
69	100		
41	70.8	58.6	87.8
39	39.4	31.5	47.3

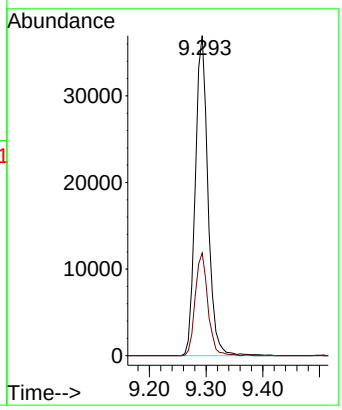




#57
1,3-Dichloropropane
Concen: 18.337 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 76 Resp: 5726

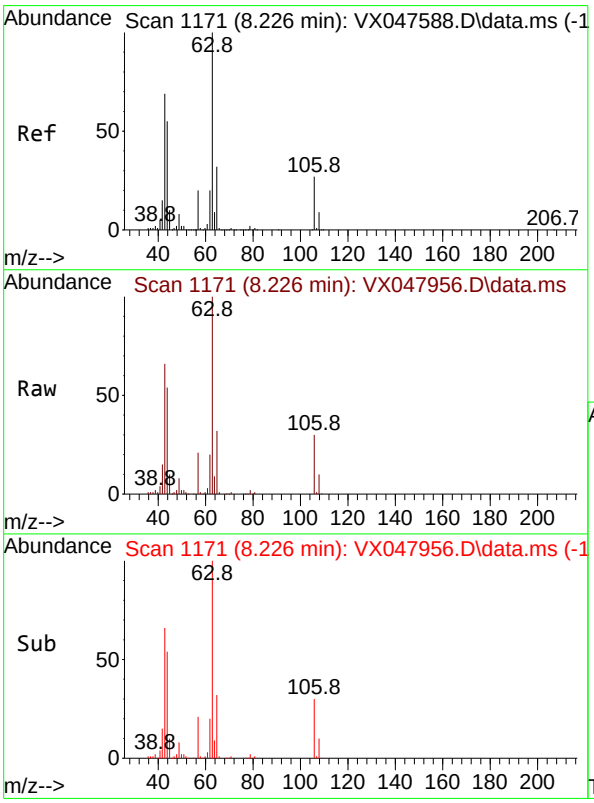
Ion	Ratio	Lower	Upper
76	100		
78	32.0	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
APPROVED

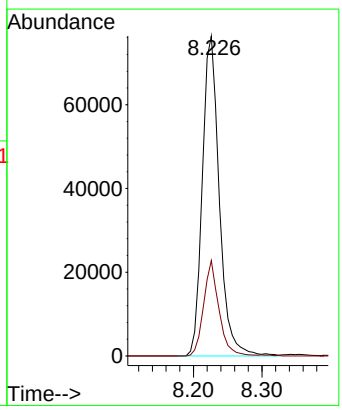
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

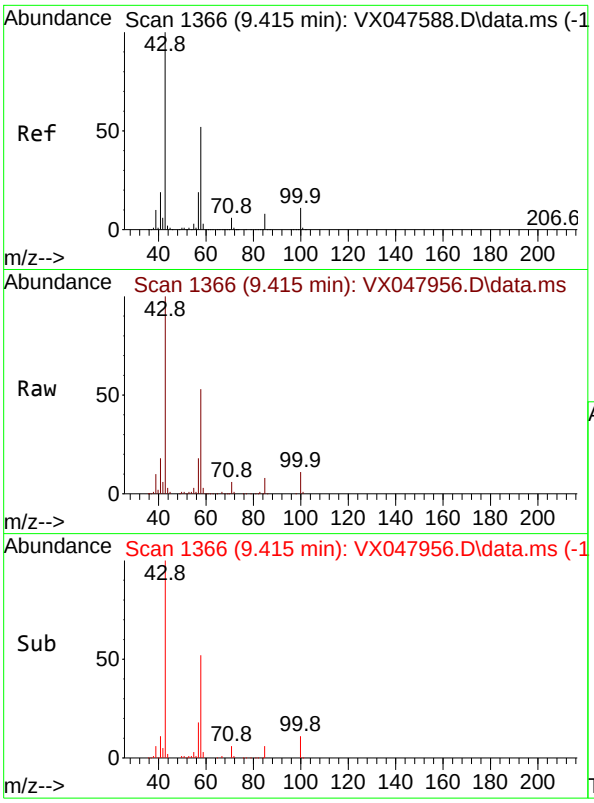


#58
2-Chloroethyl Vinyl ether
Concen: 103.744 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 63 Resp: 131962

Ion	Ratio	Lower	Upper
63	100		
106	26.9	21.9	32.9

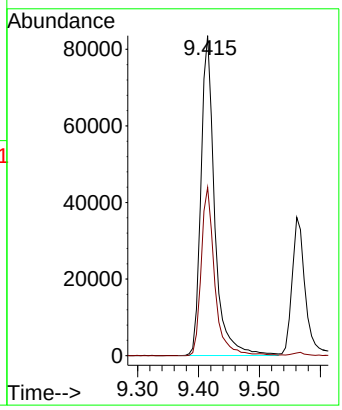




#59
2-Hexanone
Concen: 74.228 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 43 Resp: 13076

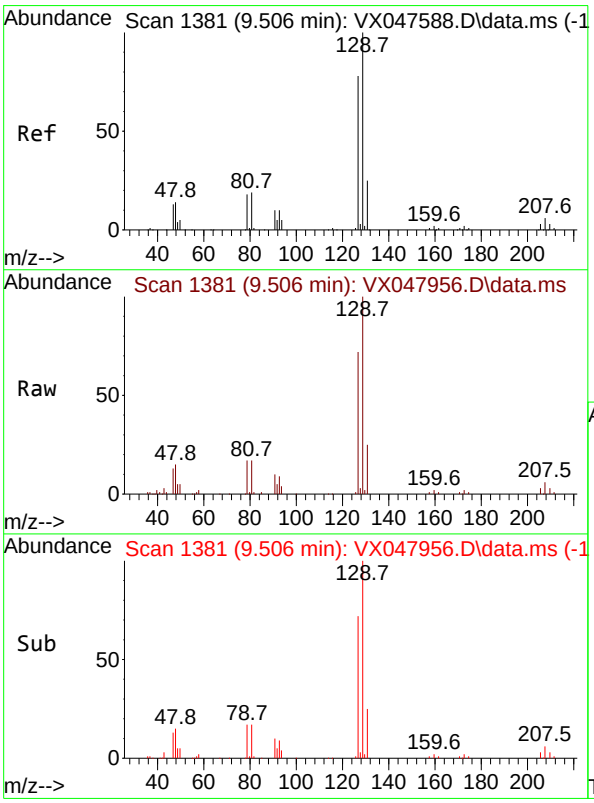
Ion	Ratio	Lower	Upper
43	100		
58	52.2	26.1	78.2



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
APPROVED

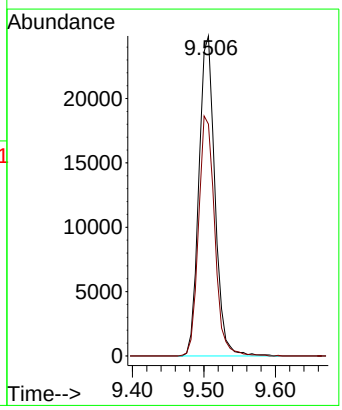
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

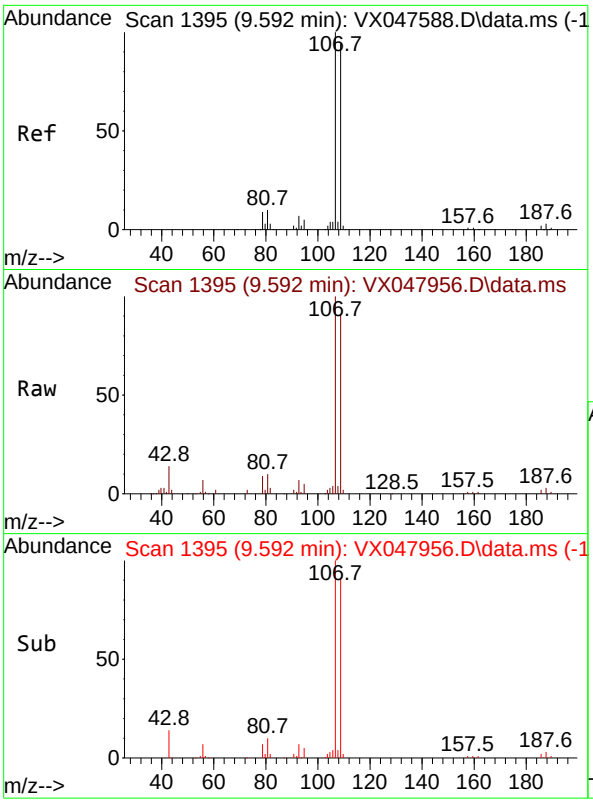


#60
Dibromochloromethane
Concen: 18.433 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:129 Resp: 38609

Ion	Ratio	Lower	Upper
129	100		
127	75.8	38.4	115.2

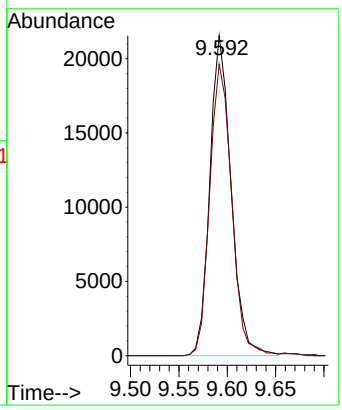




#61
1,2-Dibromoethane
Concen: 17.737 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:107 Resp: 3284

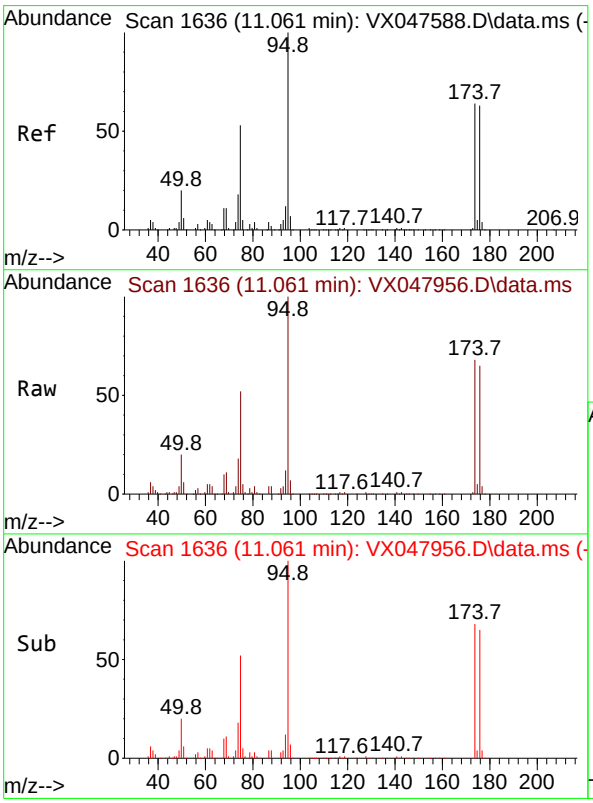
Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
APPROVED

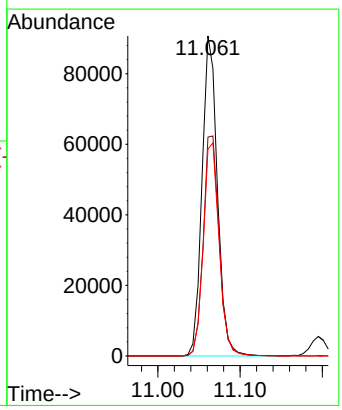
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

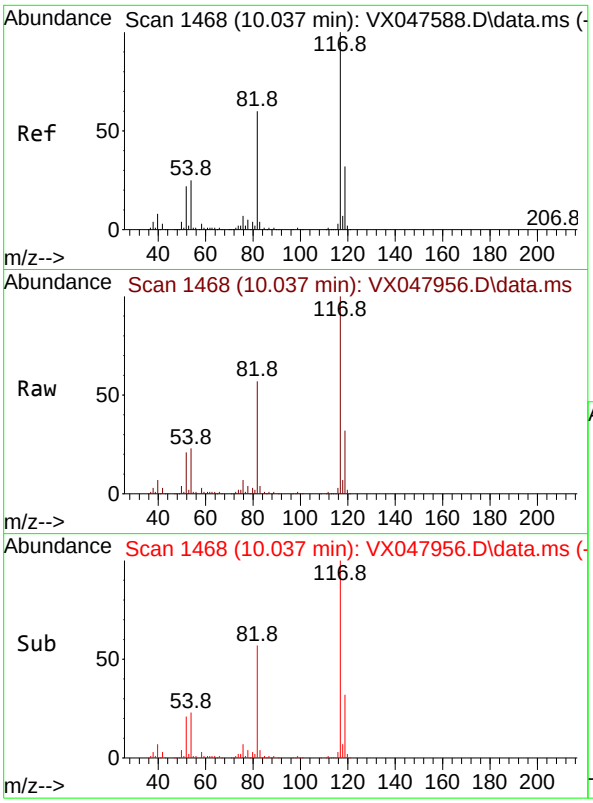


#62
4-Bromofluorobenzene
Concen: 52.019 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 95 Resp: 117778

Ion	Ratio	Lower	Upper
95	100		
174	71.5	0.0	141.6
176	68.5	0.0	138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

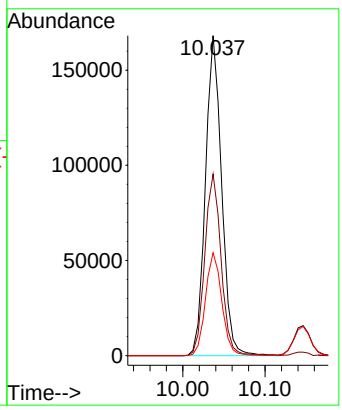
Tgt Ion:117 Resp: 22993

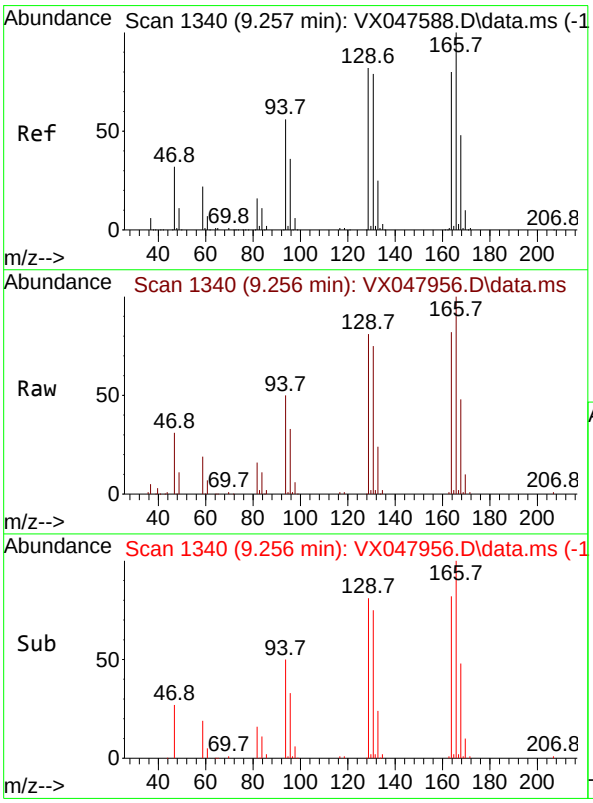
Ion	Ratio	Lower	Upper
117	100		
82	56.7	47.8	71.6
119	32.1	25.2	37.8

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

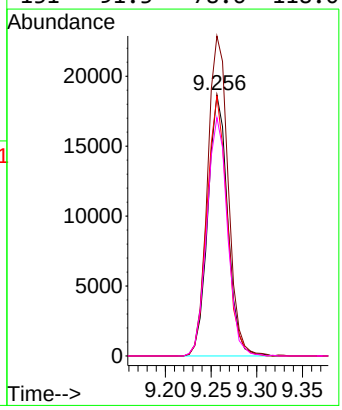


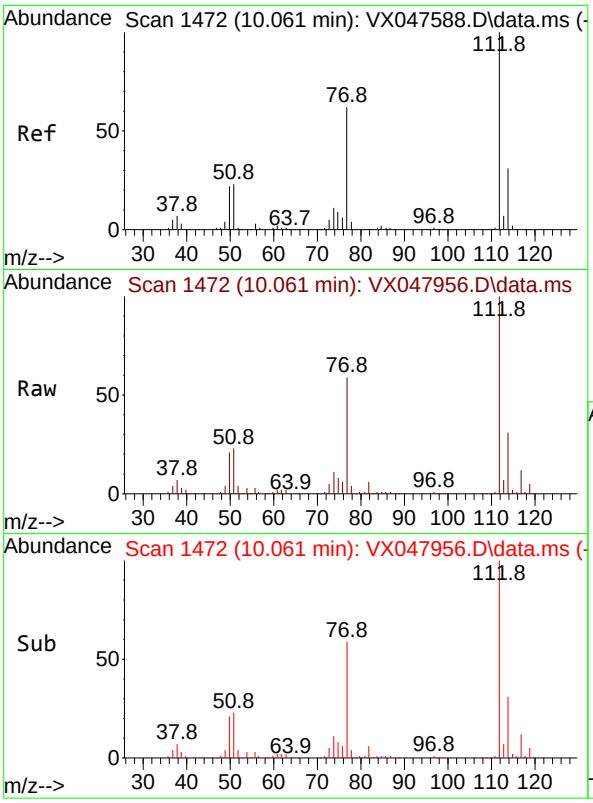


#64
Tetrachloroethene
Concen: 18.793 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:164 Resp: 28169

Ion	Ratio	Lower	Upper
164	100		
166	122.6	100.2	150.2
129	99.6	81.8	122.6
131	91.3	78.6	118.0

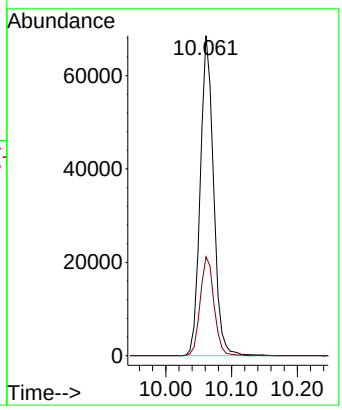




#65
Chlorobenzene
Concen: 18.434 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:112 Resp: 9629

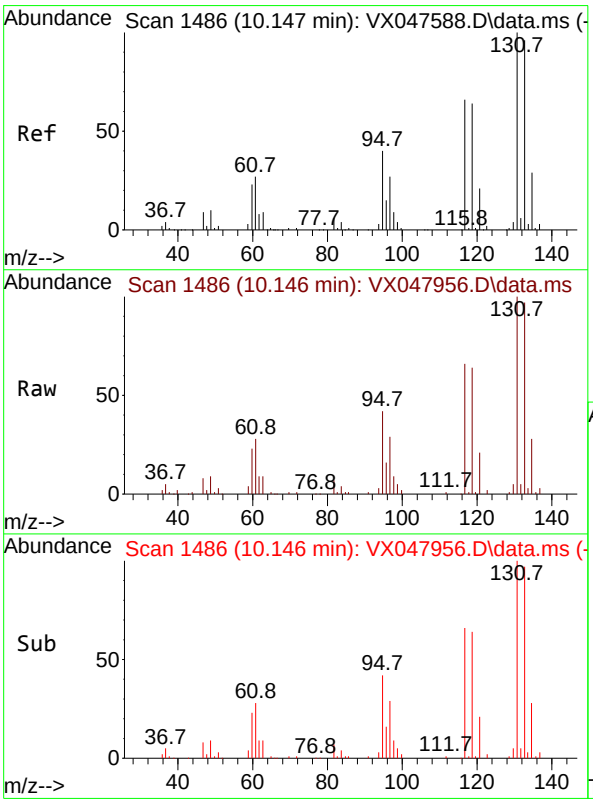
Ion	Ratio	Lower	Upper
112	100		
114	30.9	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
APPROVED

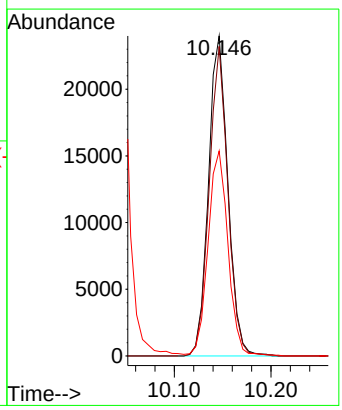
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

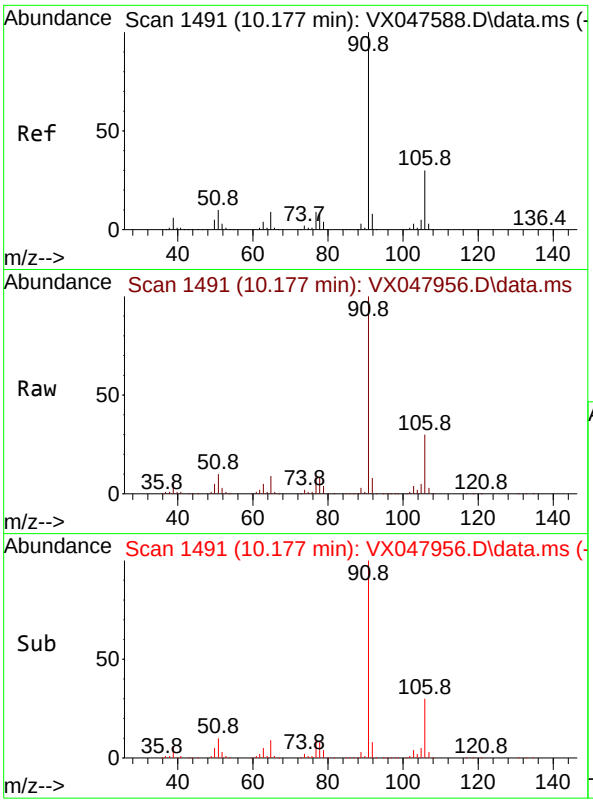


#66
1,1,1,2-Tetrachloroethane
Concen: 18.576 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:131 Resp: 33483

Ion	Ratio	Lower	Upper
131	100		
133	93.4	47.3	142.0
119	66.0	32.0	96.0

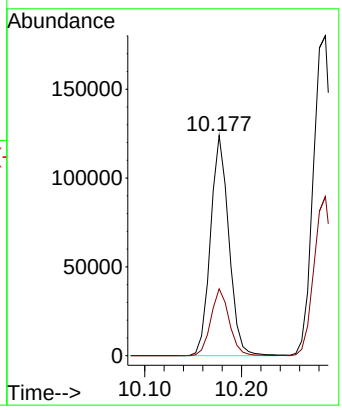




#67
Ethyl Benzene
Concen: 18.109 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 91 Resp: 16321

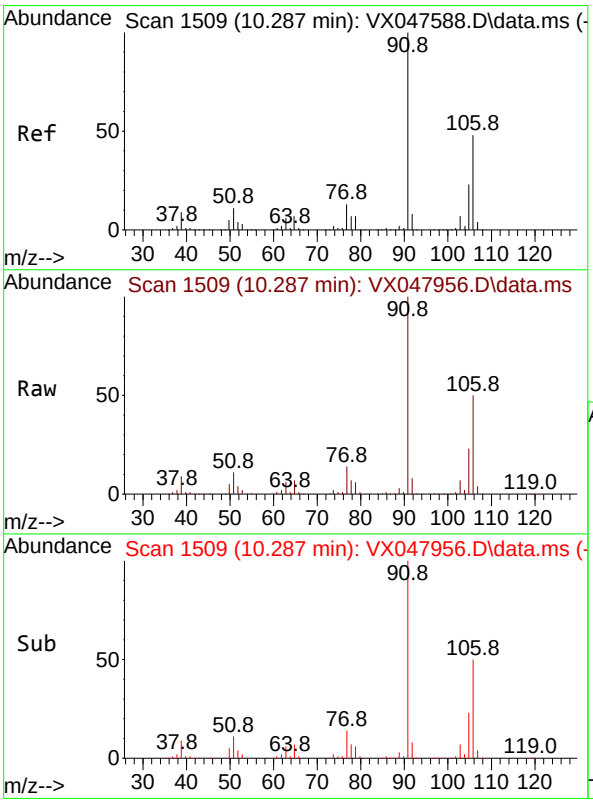
Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.3	36.5



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations APPROVED

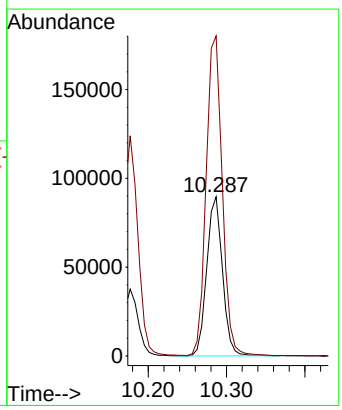
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

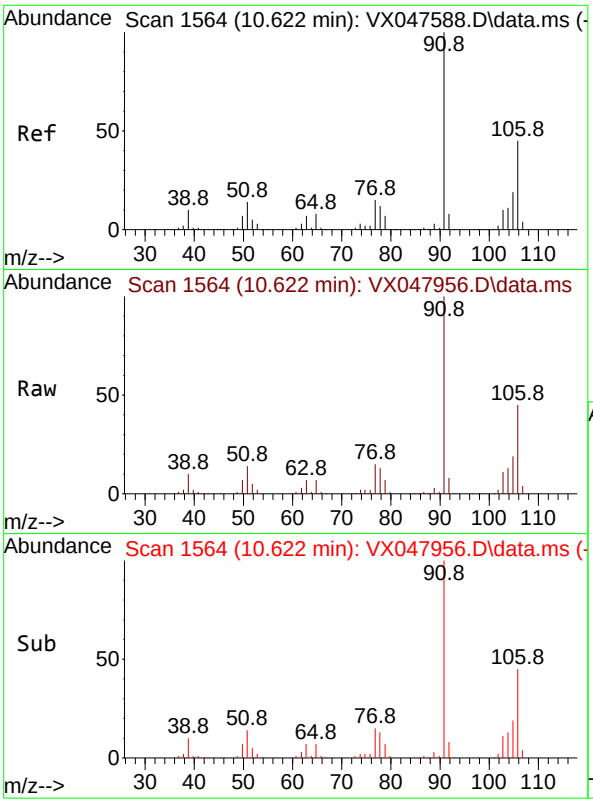


#68
m/p-Xylenes
Concen: 37.054 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:106 Resp: 124303

Ion	Ratio	Lower	Upper
106	100		
91	207.5	167.8	251.8

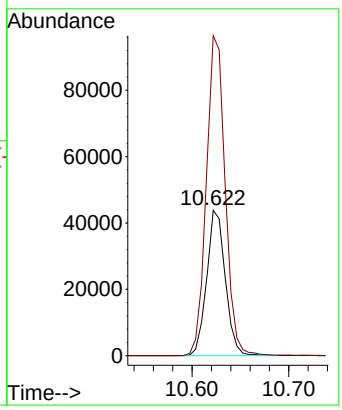




#69
o-Xylene
Concen: 18.091 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:106 Resp: 5870

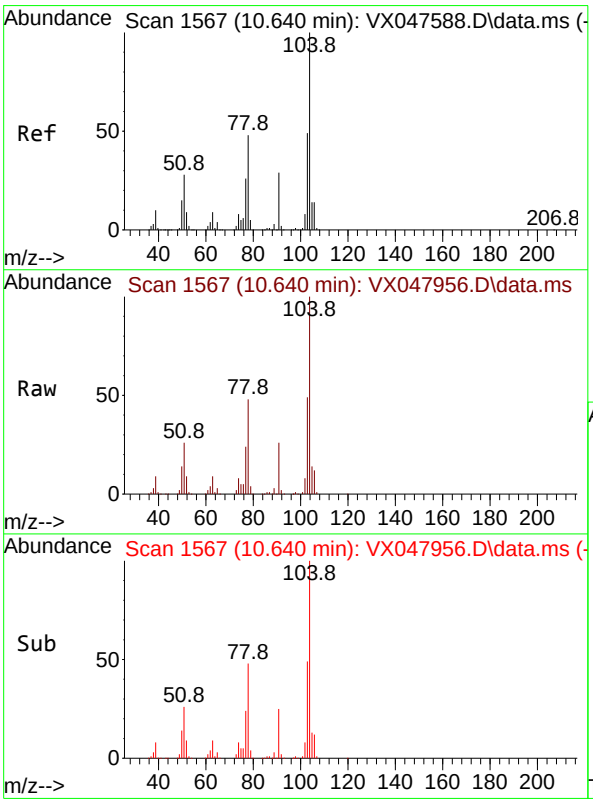
Ion	Ratio	Lower	Upper
106	100		
91	223.5	111.1	333.4



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
APPROVED

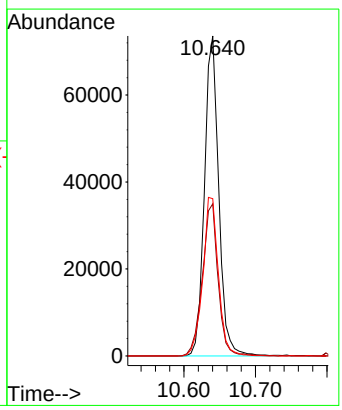
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

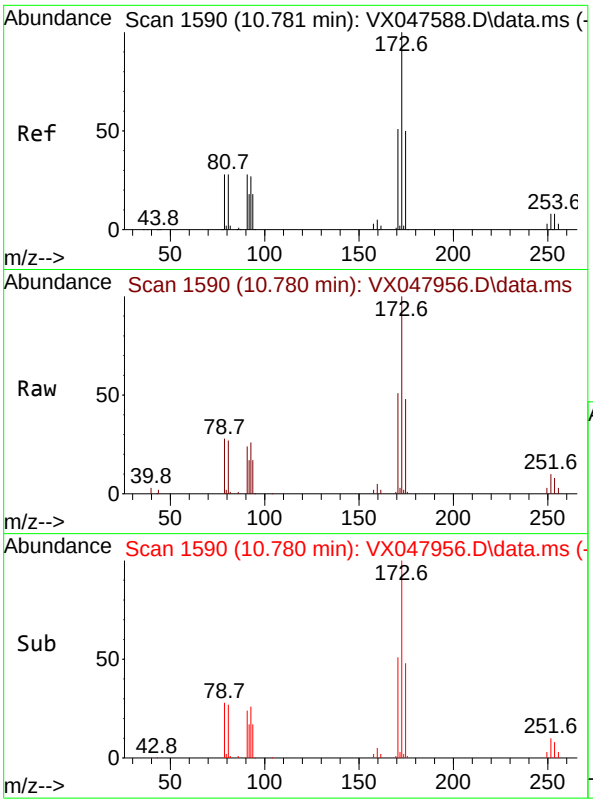


#70
Styrene
Concen: 17.967 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:104 Resp: 102151

Ion	Ratio	Lower	Upper
104	100		
78	52.7	43.1	64.7
103	54.0	43.1	64.7

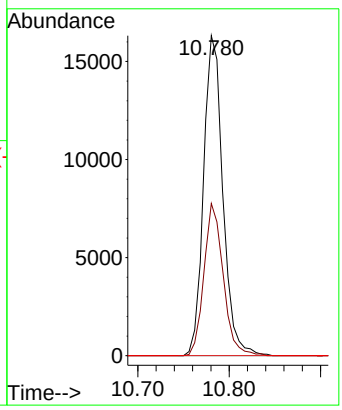




#71
Bromoform
Concen: 17.797 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:173 Resp: 2395

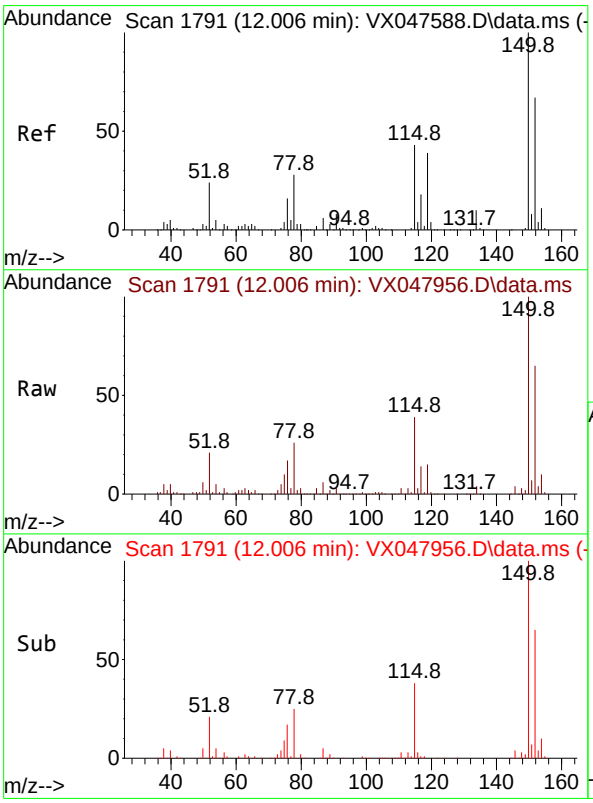
Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.9	74.6
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
APPROVED

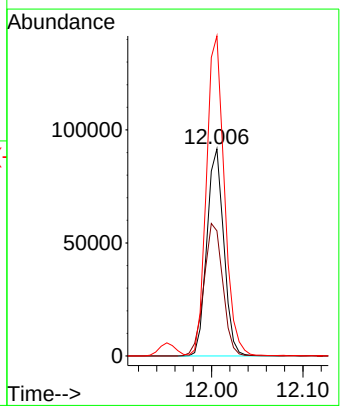
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

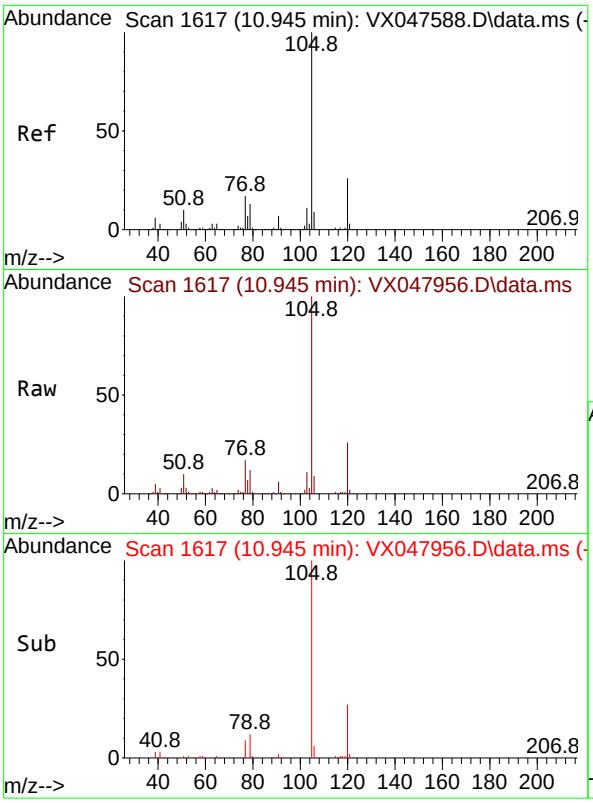


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:152 Resp: 117908

Ion	Ratio	Lower	Upper
152	100		
115	71.0	44.9	134.5
150	162.6	0.0	352.0

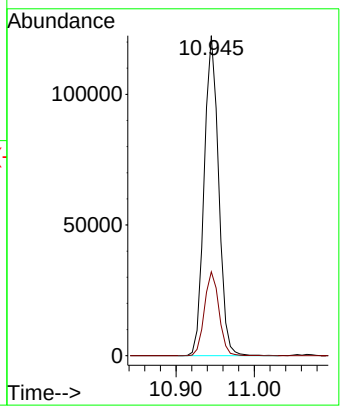




#73
Isopropylbenzene
Concen: 17.458 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:105 Resp: 15649

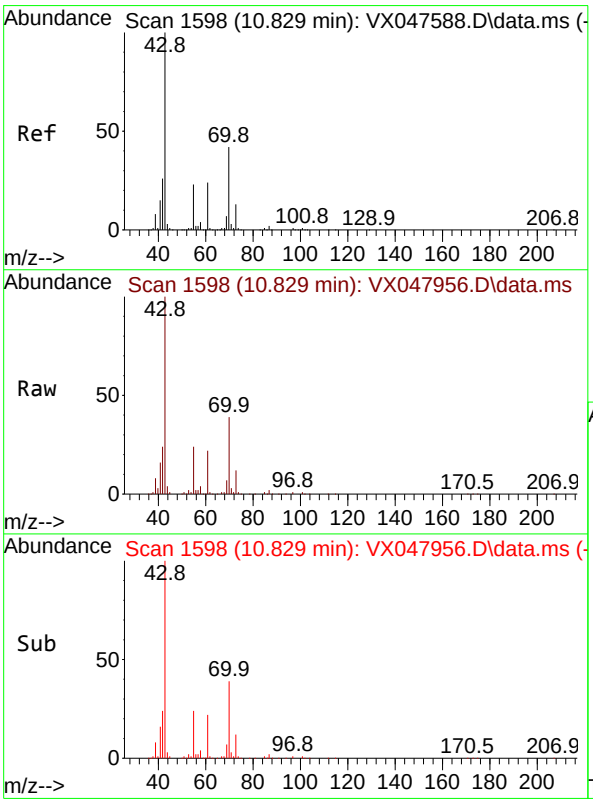
Ion	Ratio	Lower	Upper
105	100		
120	26.3	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations APPROVED

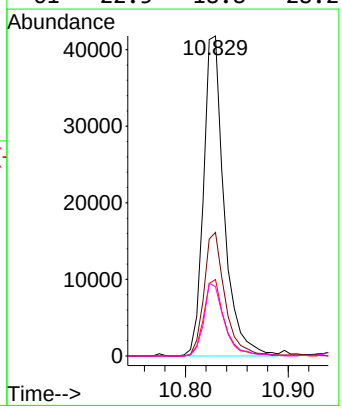
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

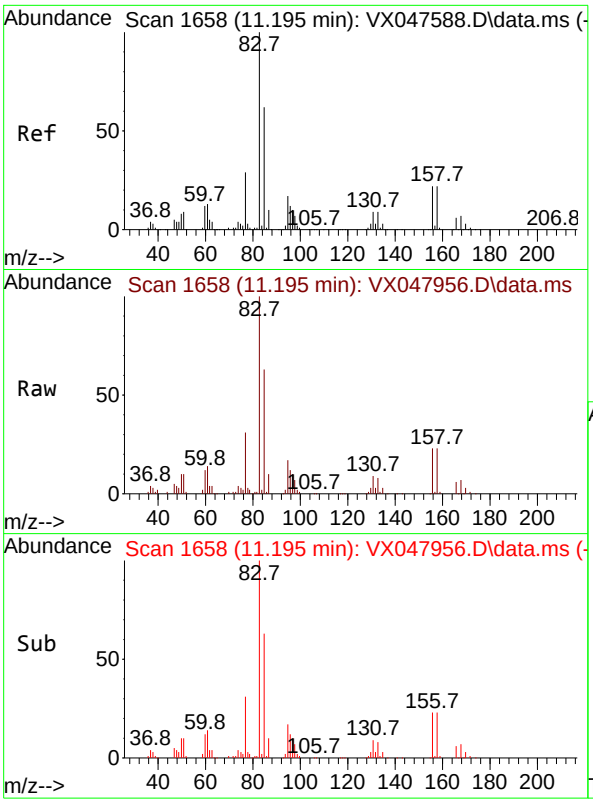


#74
N-amyl acetate
Concen: 14.262 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 43 Resp: 58298

Ion	Ratio	Lower	Upper
43	100		
70	39.7	32.0	48.0
55	24.1	18.9	28.3
61	22.5	18.8	28.2

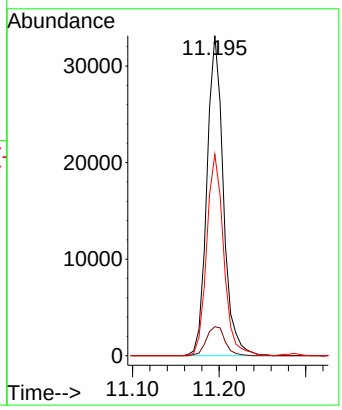




#75
1,1,2,2-Tetrachloroethane
Concen: 16.144 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 83 Resp: 4378

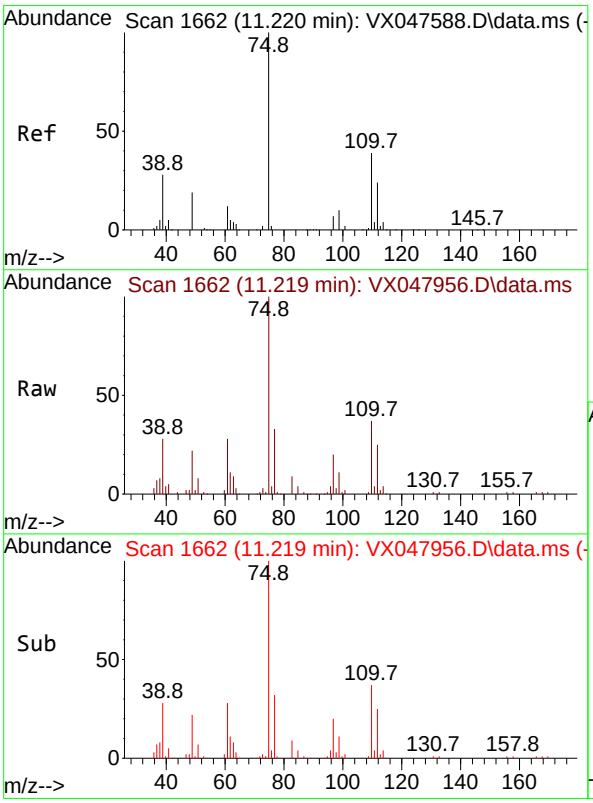
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.0	14.9
85	64.8	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
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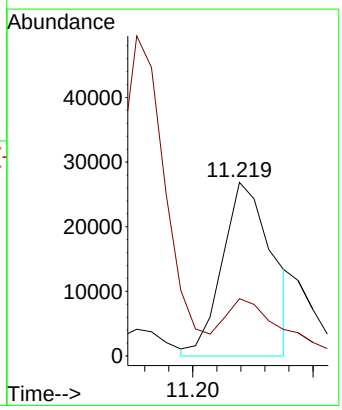
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

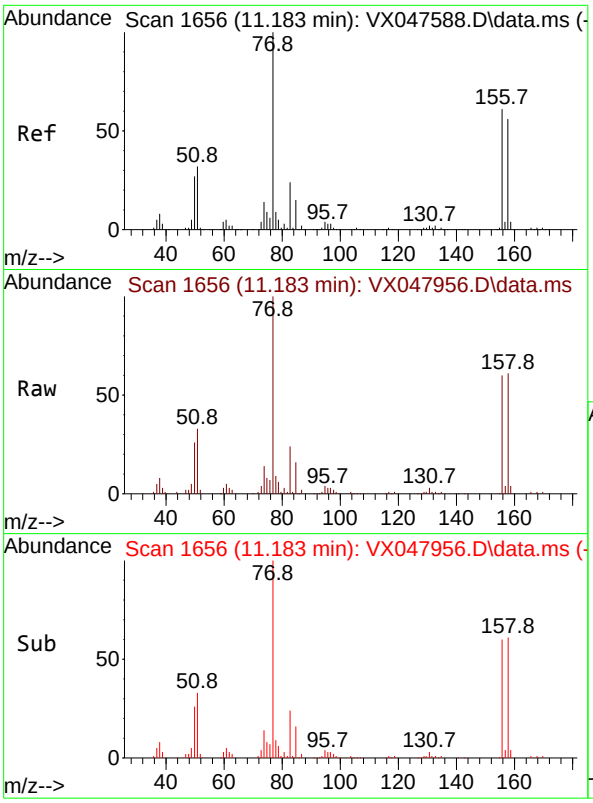


#76
1,2,3-Trichloropropane
Concen: 16.116 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 75 Resp: 38474

Ion	Ratio	Lower	Upper
75	100		
77	37.5	18.8	56.4

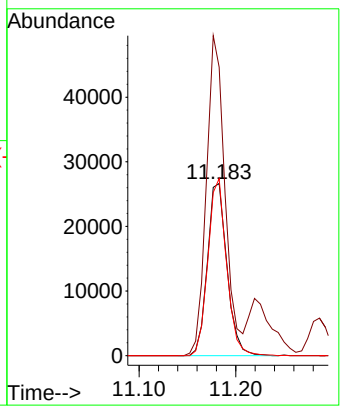




#77
Bromobenzene
Concen: 16.986 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:156 Resp: 3750

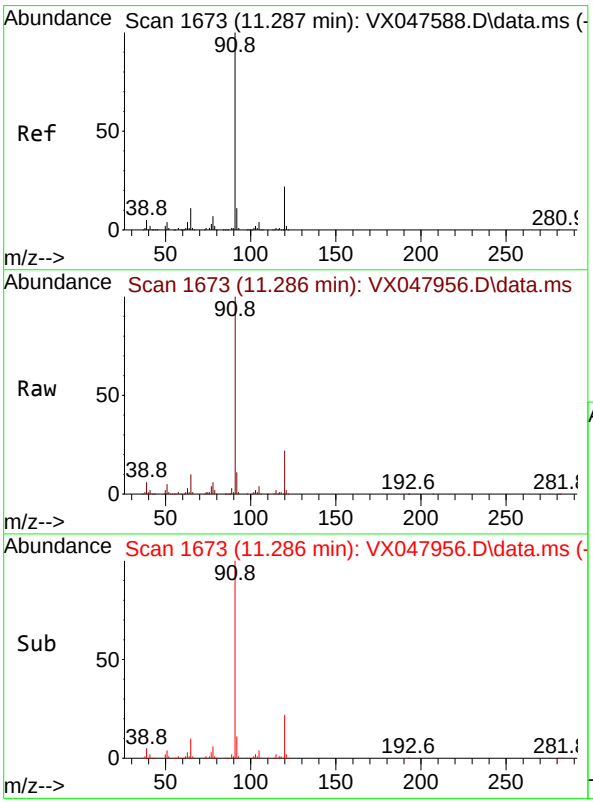
Ion	Ratio	Lower	Upper
156	100		
77	176.9	89.7	269.1
158	98.6	47.9	143.6



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
APPROVED

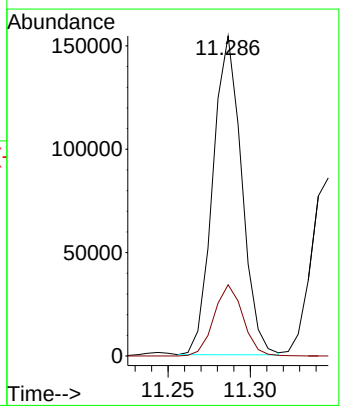
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

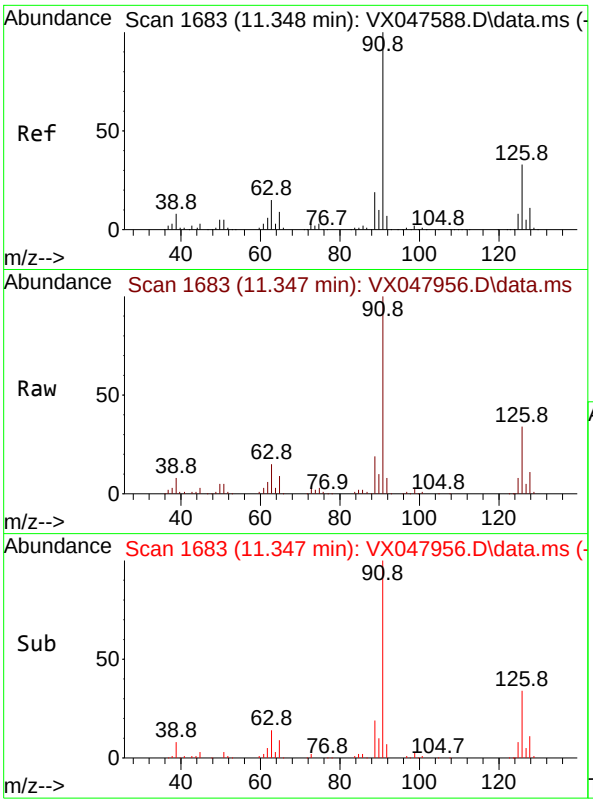


#78
n-propylbenzene
Concen: 17.738 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 91 Resp: 187964

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.1	33.1





#79
2-Chlorotoluene
Concen: 17.394 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

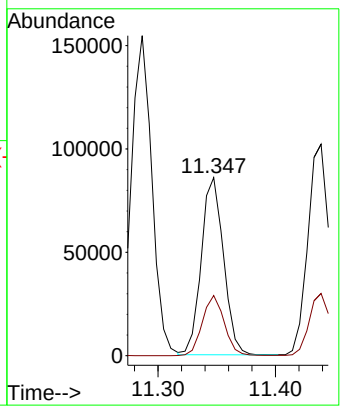
Tgt Ion: 91 Resp: 11289

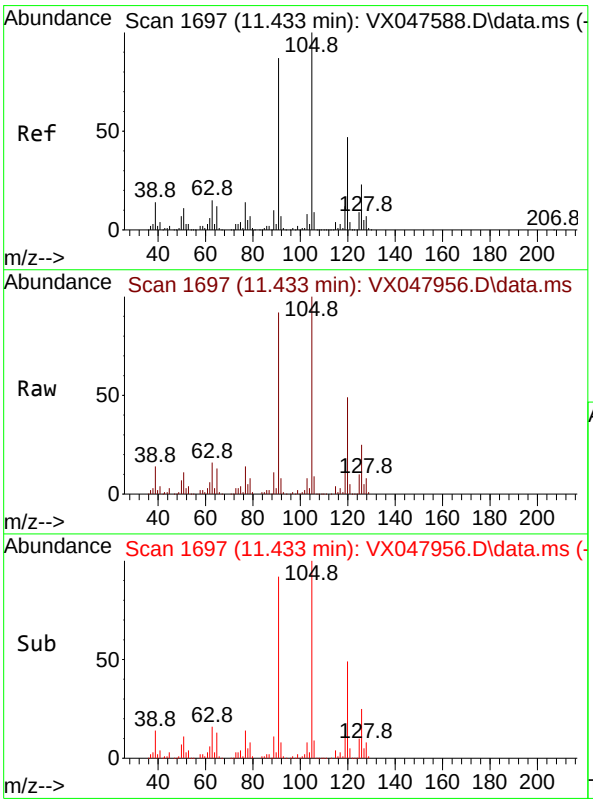
Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.1	48.3

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
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Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

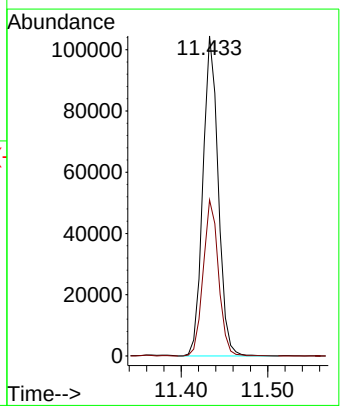


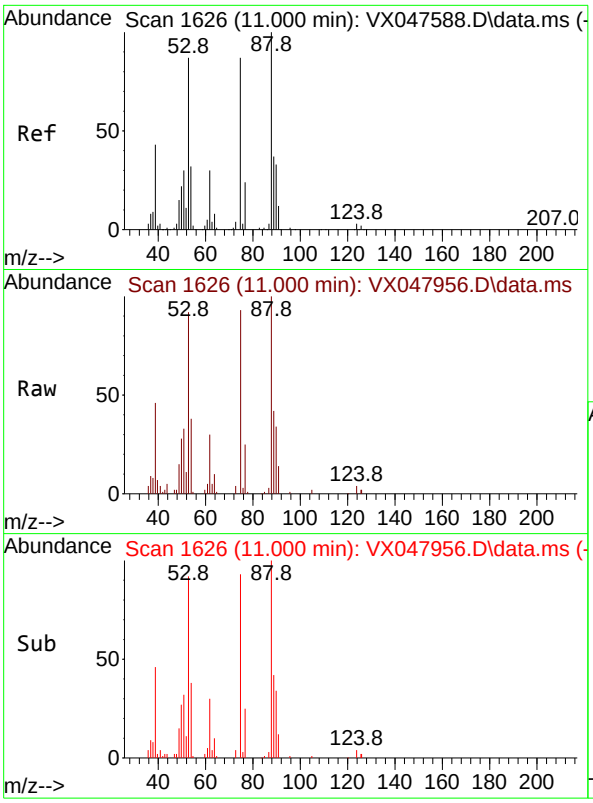


#80
1,3,5-Trimethylbenzene
Concen: 17.431 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:105 Resp: 128377

Ion	Ratio	Lower	Upper
105	100		
120	48.7	23.6	70.8

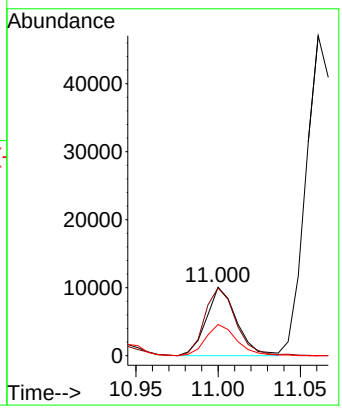




#81
trans-1,4-Dichloro-2-butene
Concen: 13.806 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 75 Resp: 1292

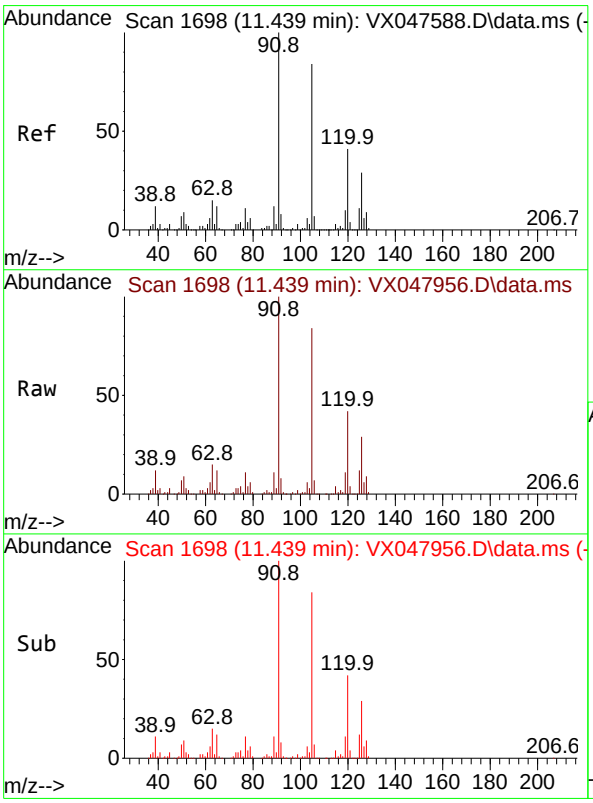
Ion	Ratio	Lower	Upper
75	100		
53	101.9	83.4	125.2
89	46.5	36.3	54.5



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
APPROVED

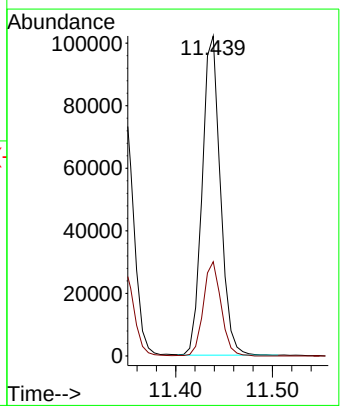
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

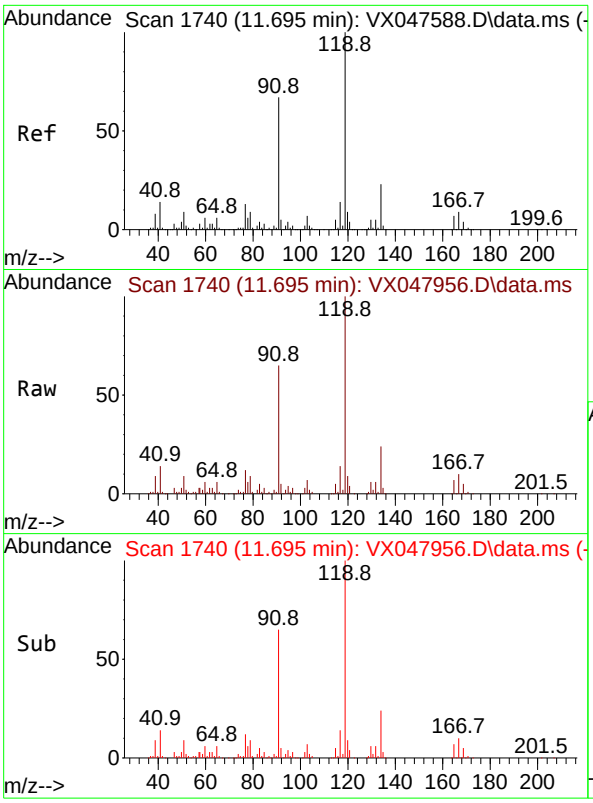


#82
4-Chlorotoluene
Concen: 17.402 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 91 Resp: 133391

Ion	Ratio	Lower	Upper
91	100		
126	28.9	14.2	42.6

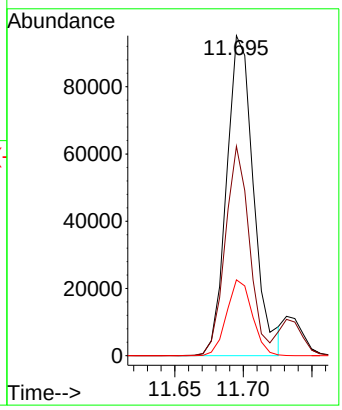




#83
tert-Butylbenzene
Concen: 17.282 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:119 Resp: 13029

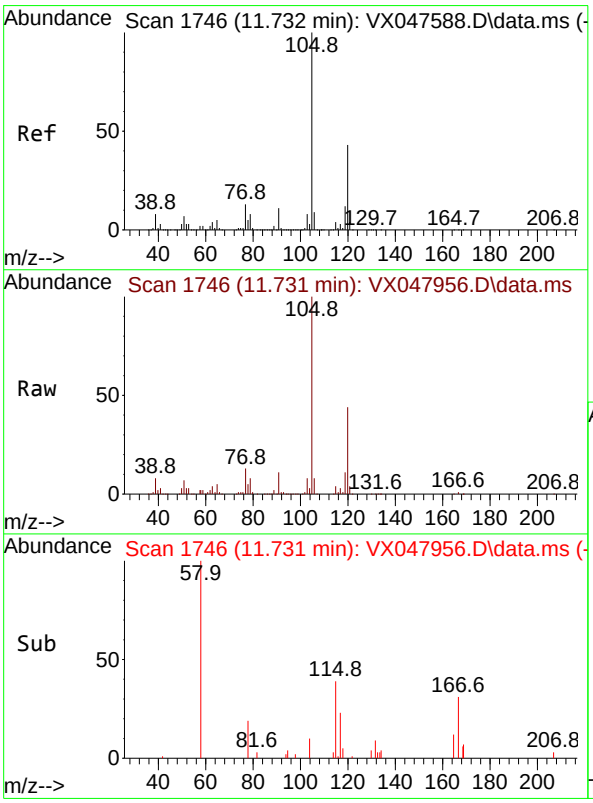
Ion	Ratio	Lower	Upper
119	100		
91	59.1	29.6	88.8
134	22.6	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations APPROVED

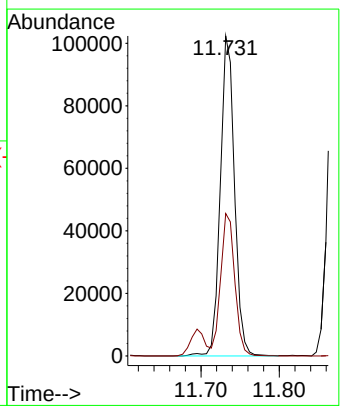
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

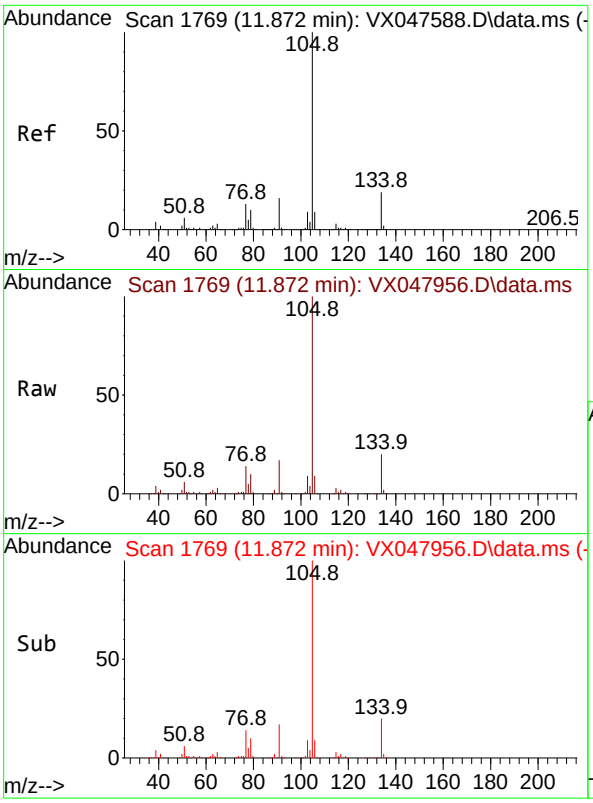


#84
1,2,4-Trimethylbenzene
Concen: 17.288 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:105 Resp: 129085

Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.1	66.1

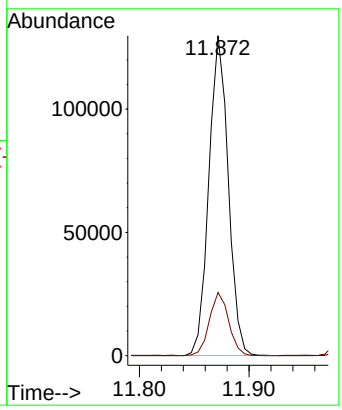




#85
sec-Butylbenzene
Concen: 17.784 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:105 Resp: 15925

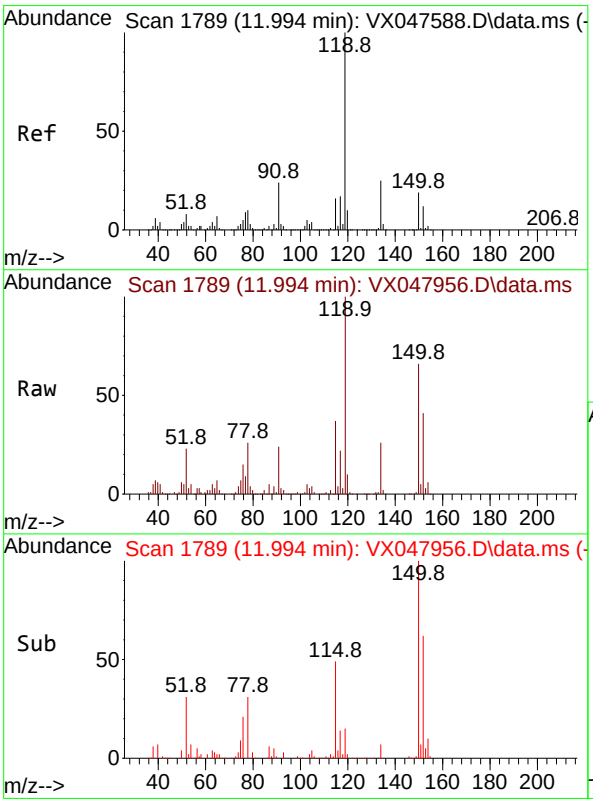
Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
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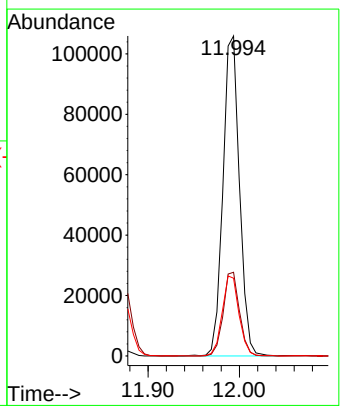
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

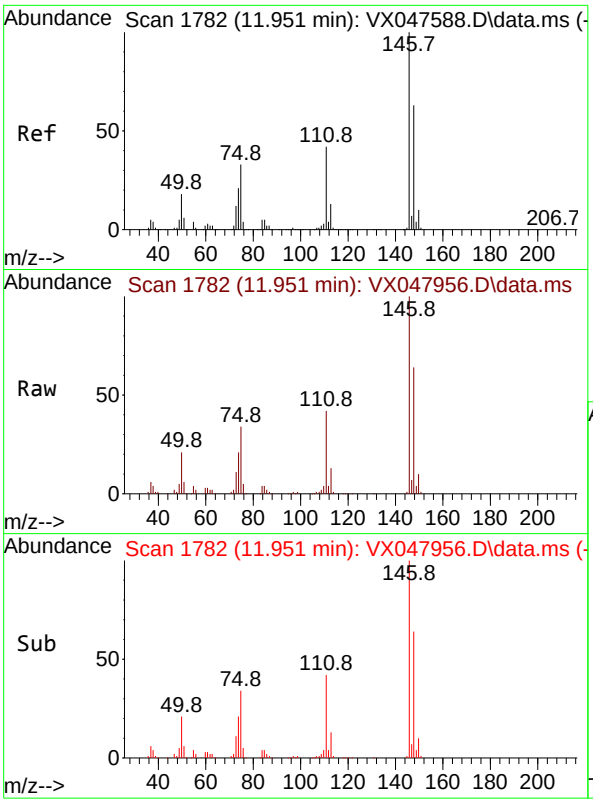


#86
p-Isopropyltoluene
Concen: 17.594 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:119 Resp: 133388

Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.6	37.8
91	25.5	12.6	37.6

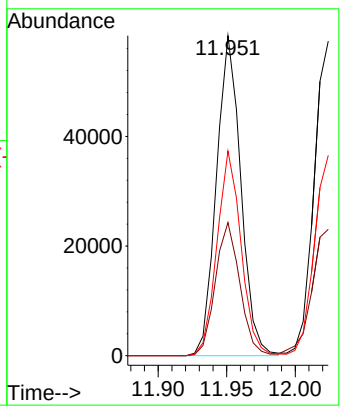




#87
1,3-Dichlorobenzene
Concen: 17.602 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:146 Resp: 7218

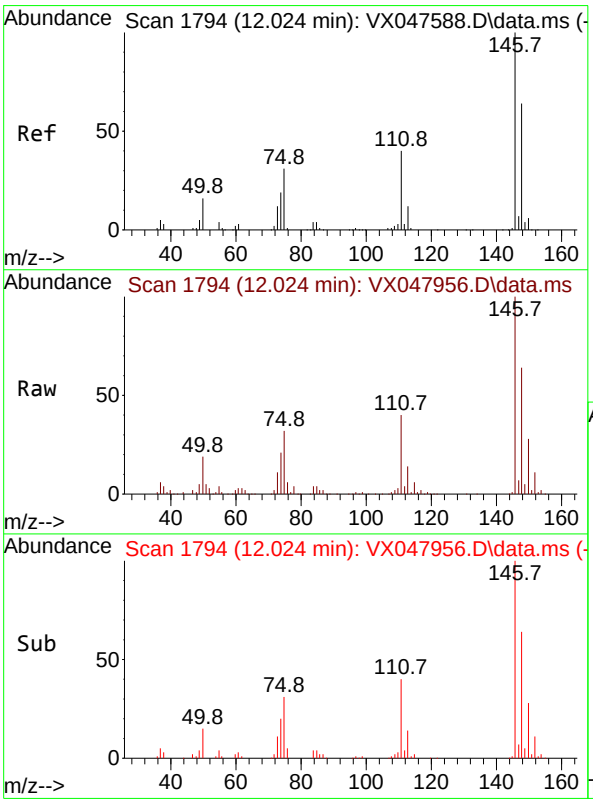
Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.5	64.5
148	63.4	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
APPROVED

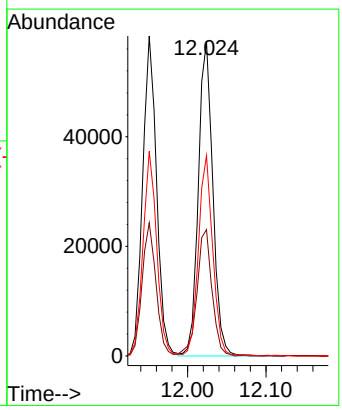
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

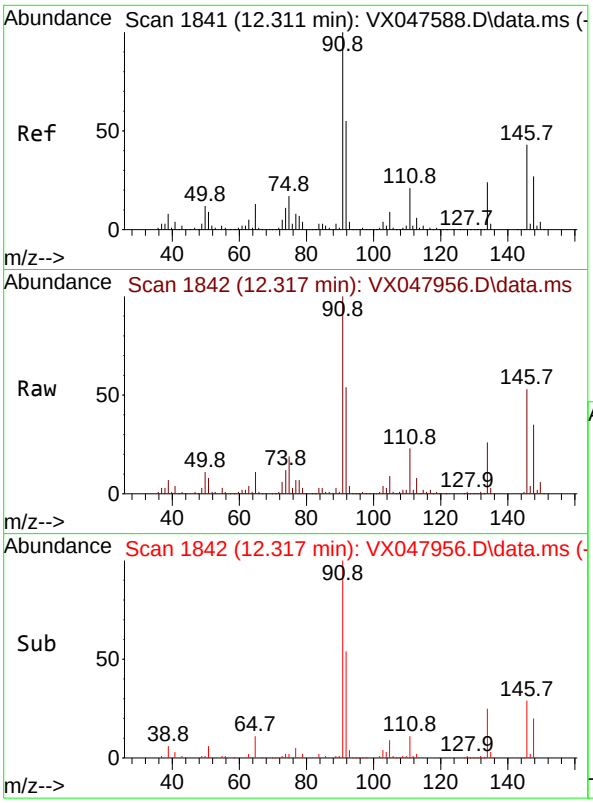


#88
1,4-Dichlorobenzene
Concen: 17.574 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:146 Resp: 73964

Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.8	62.4
148	62.8	31.7	95.1

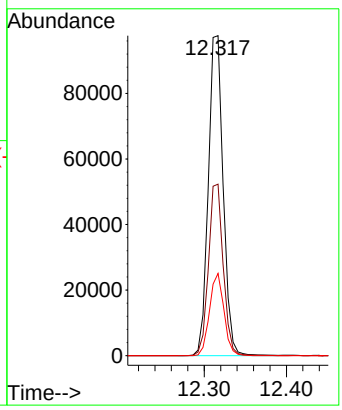




#89
n-Butylbenzene
Concen: 17.506 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 91 Resp: 12280

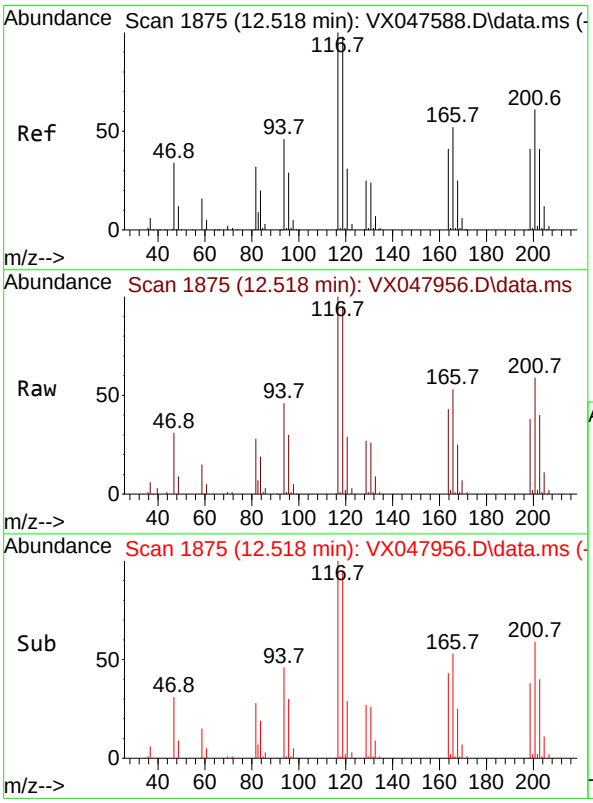
Ion	Ratio	Lower	Upper
91	100		
92	53.1	27.6	82.7
134	24.8	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
APPROVED

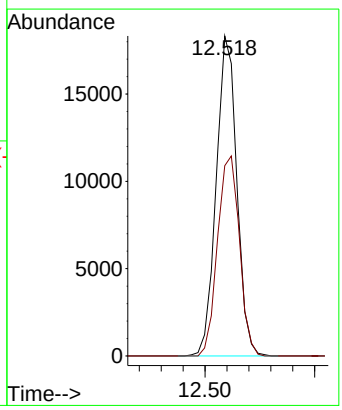
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

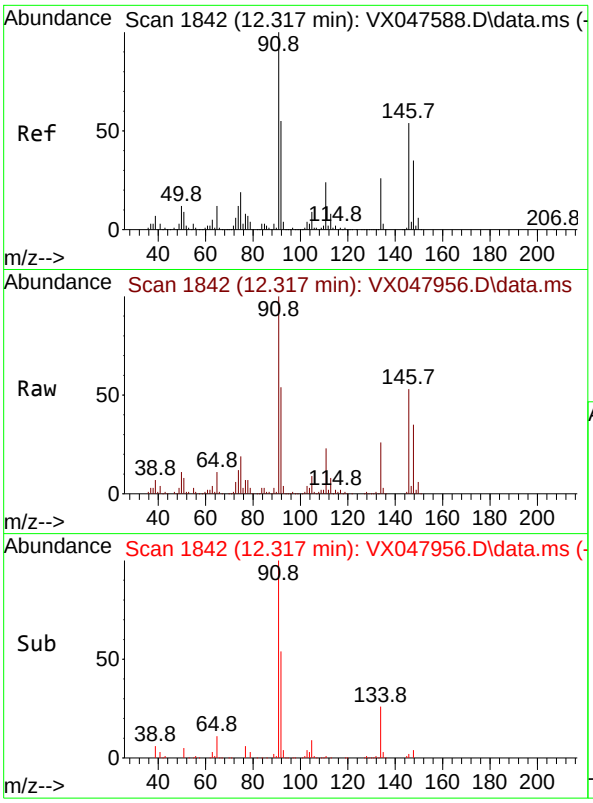


#90
Hexachloroethane
Concen: 17.988 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:117 Resp: 23943

Ion	Ratio	Lower	Upper
117	100		
201	66.3	34.2	102.5

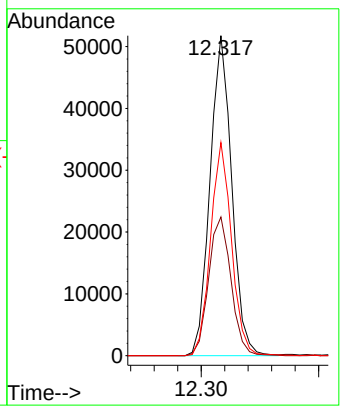




#91
1,2-Dichlorobenzene
Concen: 16.991 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:146 Resp: 6638

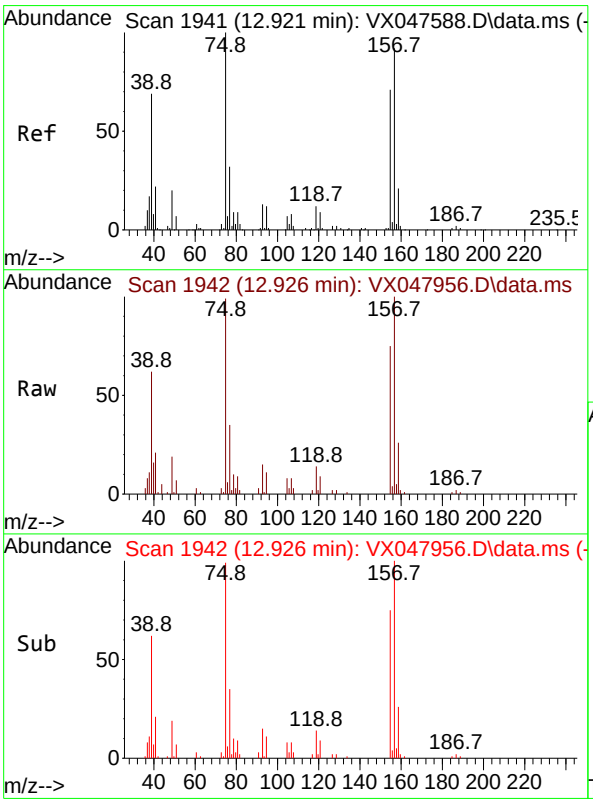
Ion	Ratio	Lower	Upper
146	100		
111	44.7	22.2	66.6
148	64.6	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
APPROVED

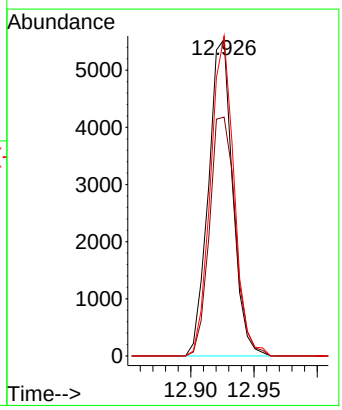
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

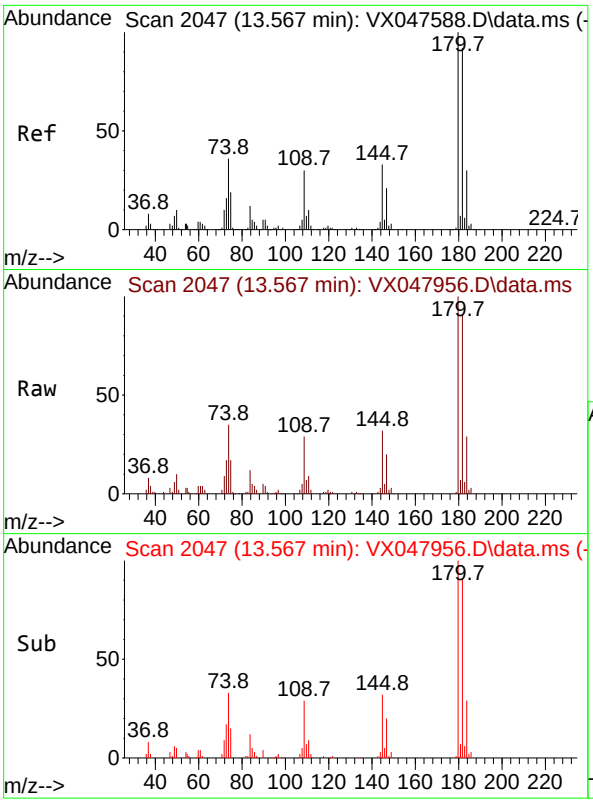


#92
1,2-Dibromo-3-Chloropropane
Concen: 13.424 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 75 Resp: 7371

Ion	Ratio	Lower	Upper
75	100		
155	80.6	37.7	113.1
157	97.8	49.8	149.4

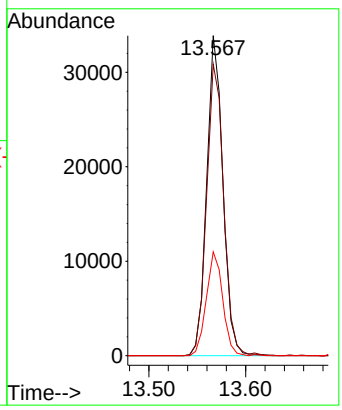




#93
1,2,4-Trichlorobenzene
Concen: 15.524 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:180 Resp: 3941

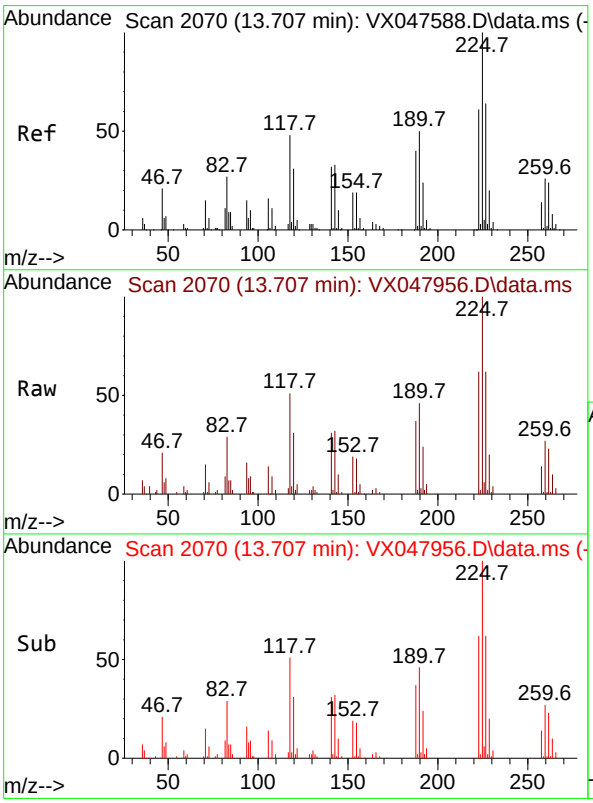
Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.6	139.8
145	32.9	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations APPROVED

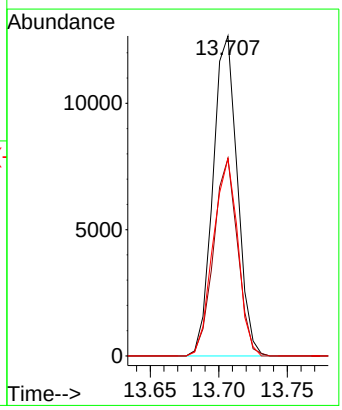
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

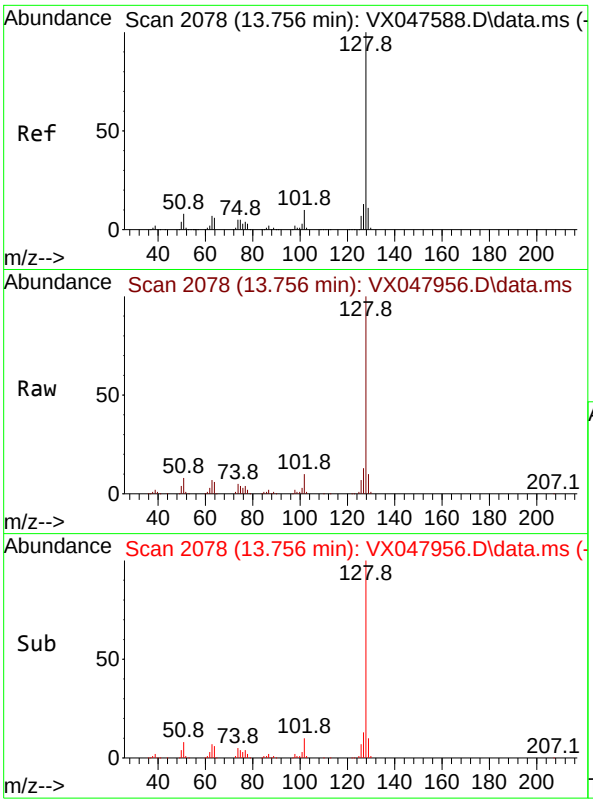


#94
Hexachlorobutadiene
Concen: 18.163 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:225 Resp: 15665

Ion	Ratio	Lower	Upper
225	100		
223	61.0	31.7	95.1
227	62.4	32.0	96.0

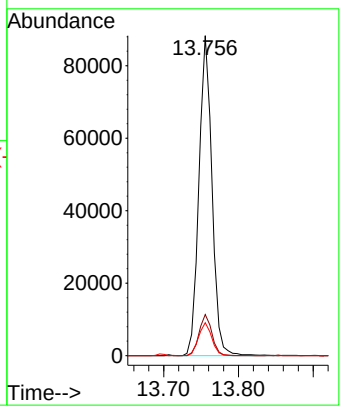




#95
Naphthalene
Concen: 13.836 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:128 Resp: 10697

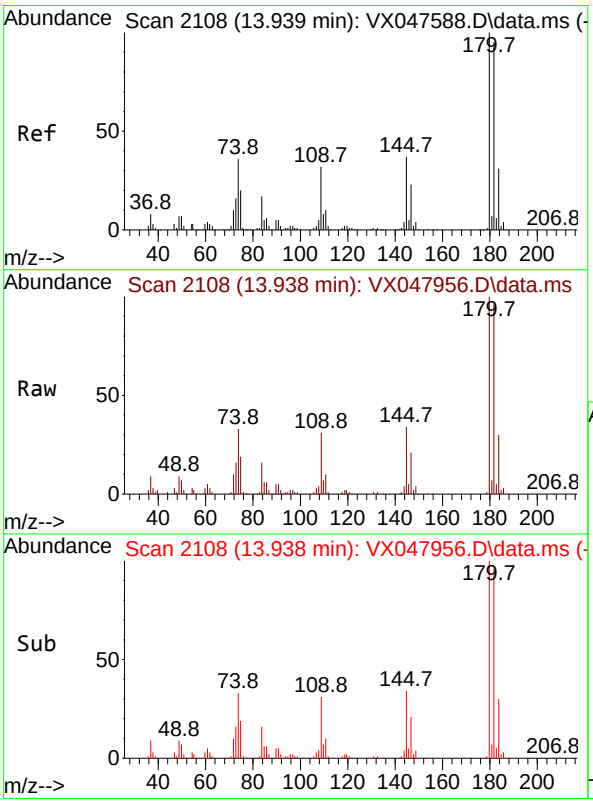
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.4	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Manual Integrations
APPROVED

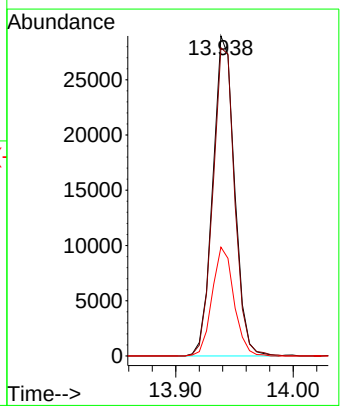
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 15.746 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:180 Resp: 37191

Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.6	142.8
145	34.1	17.9	53.7



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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1002WBSD01	SDG No.:	Q3246
Lab Sample ID:	VX1002WBSD01	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
VX047958.D	1	10/02/25 11:45	VX100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	20.0		0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	16.5		0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	19.0		0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	19.4		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	18.9		0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.8		0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.2		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.4		0.23	0.75	1.00	ug/L
67-64-1	Acetone	73.6		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	17.2		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	17.2		0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	17.1		0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	18.0		0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.3		0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.8		0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	17.8		1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	78.6		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	20.3		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.8		0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	21.9		0.22	0.50	1.00	ug/L
67-66-3	Chloroform	18.9		0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.3		0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	18.7		0.16	0.50	1.00	ug/L
71-43-2	Benzene	19.4		0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.9		0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	19.9		0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.1		0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	19.8		0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	89.4		0.68	2.50	5.00	ug/L
108-88-3	Toluene	19.7		0.14	0.50	1.00	ug/L

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1002WBSD01	SDG No.:	Q3246
Lab Sample ID:	VX1002WBSD01	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
VX047958.D	1	10/02/25 11:45	VX100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.7		0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.2		0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.3		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	85.0		0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	20.3		0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.5		0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	20.1		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	19.5		0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	39.4		0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	19.5		0.12	0.50	1.00	ug/L
100-42-5	Styrene	19.5		0.15	0.50	1.00	ug/L
75-25-2	Bromoform	19.3		0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	18.7		0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.2		0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.5		0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.4		0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.7		0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	15.2		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	16.9		0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	46.8		81 - 118		94%	SPK: 50
1868-53-7	Dibromofluoromethane	52.2		80 - 119		104%	SPK: 50
2037-26-5	Toluene-d8	51.8		89 - 112		104%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.1		85 - 114		104%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	152000	5.544				
540-36-3	1,4-Difluorobenzene	258000	6.745				
3114-55-4	Chlorobenzene-d5	231000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	119000	12.006				

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:	VX1002WBSD01	SDG No.:	Q3246
Lab Sample ID:	VX1002WBSD01	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
VX047958.D	1	10/02/25 11:45	VX100225

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\VX100225\
Data File : VX047958.D
Acq On : 02 Oct 2025 11:45
Operator : JC/MD
Sample : VX1002WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 03 03:27:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	152089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	257772	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	231464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	118503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	113361	46.826	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.660%			
35) Dibromofluoromethane	5.379	113	90232	52.195	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.380%			
50) Toluene-d8	8.635	98	309747	51.781	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.560%			
62) 4-Bromofluorobenzene	11.061	95	118188	52.060	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	31469	19.982	ug/l	100
3) Chloromethane	1.307	50	34216	16.531	ug/l	100
4) Vinyl Chloride	1.386	62	38517	19.010	ug/l	99
5) Bromomethane	1.624	94	24880	19.365	ug/l	94
6) Chloroethane	1.697	64	25589	18.896	ug/l	99
7) Trichlorofluoromethane	1.898	101	59579	19.804	ug/l	96
8) Diethyl Ether	2.136	74	20748	16.859	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.337	101	35612	20.244	ug/l	99
10) Methyl Iodide	2.459	142	41239	15.031	ug/l	98
11) Tert butyl alcohol	2.941	59	19471	72.216	ug/l	99
12) 1,1-Dichloroethene	2.325	96	33319	18.439	ug/l	92
13) Acrolein	2.239	56	14545	58.541	ug/l	94
14) Allyl chloride	2.666	41	63008	16.898	ug/l	98
15) Acrylonitrile	3.062	53	84903	85.014	ug/l	99
16) Acetone	2.374	43	77506	73.633	ug/l	100
17) Carbon Disulfide	2.520	76	84867	17.156	ug/l	99
18) Methyl Acetate	2.703	43	39975	17.065	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	113229	17.166	ug/l	97
20) Methylene Chloride	2.788	84	40108	18.001	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	35693	18.347	ug/l	98
22) Diisopropyl ether	3.751	45	135125	18.699	ug/l	85
23) Vinyl Acetate	3.715	43	490245	84.764	ug/l	100
24) 1,1-Dichloroethane	3.611	63	72354	18.838	ug/l	98
25) 2-Butanone	4.544	43	103250	78.637	ug/l	98
26) 2,2-Dichloropropane	4.471	77	60352	18.903	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	44833	18.818	ug/l	97
28) Bromochloromethane	4.891	49	36682	21.876	ug/l	98
29) Tetrahydrofuran	4.995	42	62005	78.501	ug/l	98
30) Chloroform	5.080	83	73476	18.931	ug/l	98
31) Cyclohexane	5.458	56	56900	17.787	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	63575	19.311	ug/l	99
36) 1,1-Dichloropropene	5.684	75	48982	19.390	ug/l	99
37) Ethyl Acetate	4.702	43	42781	15.817	ug/l	99
38) Carbon Tetrachloride	5.666	117	55774	20.321	ug/l	99
39) Methylcyclohexane	7.367	83	53521	18.665	ug/l	99
40) Benzene	6.025	78	149020	19.423	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047958.D
Acq On : 02 Oct 2025 11:45
Operator : JC/MD
Sample : VX1002WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 03 03:27:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	23592	16.896	ug/l		96
42) 1,2-Dichloroethane	6.074	62	55056	18.859	ug/l		98
43) Isopropyl Acetate	6.330	43	75418	17.001	ug/l		99
44) Trichloroethene	7.117	130	36963	19.927	ug/l		100
45) 1,2-Dichloropropane	7.421	63	39499	20.105	ug/l		93
46) Dibromomethane	7.568	93	27477	19.219	ug/l		98
47) Bromodichloromethane	7.805	83	58275	19.753	ug/l		97
48) Methyl methacrylate	7.677	41	37325	16.892	ug/l		98
49) 1,4-Dioxane	7.653	88	7922	354.762	ug/l		97
51) 4-Methyl-2-Pentanone	8.561	43	219915	89.414	ug/l		98
52) Toluene	8.702	92	93220	19.721	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	56244	18.690	ug/l		99
54) cis-1,3-Dichloropropene	8.354	75	61854	19.231	ug/l		98
55) 1,1,2-Trichloroethane	9.135	97	36945	20.269	ug/l		97
56) Ethyl methacrylate	9.104	69	51760	18.082	ug/l		99
57) 1,3-Dichloropropane	9.293	76	62466	19.950	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	124044	97.834	ug/l		99
59) 2-Hexanone	9.415	43	150100	84.974	ug/l		100
60) Dibromochloromethane	9.506	129	42599	20.284	ug/l		98
61) 1,2-Dibromoethane	9.592	107	36213	19.506	ug/l		99
64) Tetrachloroethene	9.263	164	30388	20.139	ug/l		93
65) Chlorobenzene	10.061	112	104311	19.837	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.147	131	35936	19.805	ug/l		98
67) Ethyl Benzene	10.177	91	176894	19.497	ug/l		100
68) m/p-Xylenes	10.287	106	132924	39.361	ug/l		98
69) o-Xylene	10.628	106	63856	19.549	ug/l		98
70) Styrene	10.640	104	111545	19.489	ug/l		99
71) Bromoform	10.787	173	26166	19.312	ug/l	#	98
73) Isopropylbenzene	10.945	105	168264	18.677	ug/l		100
74) N-amyl acetate	10.829	43	65321	15.899	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.195	83	49596	18.195	ug/l		99
76) 1,2,3-Trichloropropane	11.226	75	41937m	17.479	ug/l		
77) Bromobenzene	11.183	156	41591	18.744	ug/l		97
78) n-propylbenzene	11.287	91	202133	18.979	ug/l		100
79) 2-Chlorotoluene	11.348	91	122496	18.779	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	137546	18.582	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.006	75	14406	15.312	ug/l		98
82) 4-Chlorotoluene	11.439	91	145852	18.932	ug/l		100
83) tert-Butylbenzene	11.695	119	141081	18.619	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	138632	18.473	ug/l		100
85) sec-Butylbenzene	11.872	105	170193	18.910	ug/l		99
86) p-Isopropyltoluene	11.994	119	142803	18.741	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	76310	18.515	ug/l		100
88) 1,4-Dichlorobenzene	12.024	146	77823	18.398	ug/l		98
89) n-Butylbenzene	12.317	91	128765	18.263	ug/l		99
90) Hexachloroethane	12.518	117	25059	18.732	ug/l		97
91) 1,2-Dichlorobenzene	12.317	146	73324	18.674	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	8378	15.181	ug/l		97
93) 1,2,4-Trichlorobenzene	13.567	180	42185	16.531	ug/l		99
94) Hexachlorobutadiene	13.707	225	14405	16.618	ug/l		94
95) Naphthalene	13.756	128	118857	15.295	ug/l		99
96) 1,2,3-Trichlorobenzene	13.939	180	40082	16.885	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047958.D
Acq On : 02 Oct 2025 11:45
Operator : JC/MD
Sample : VX1002WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 03 03:27:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

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

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

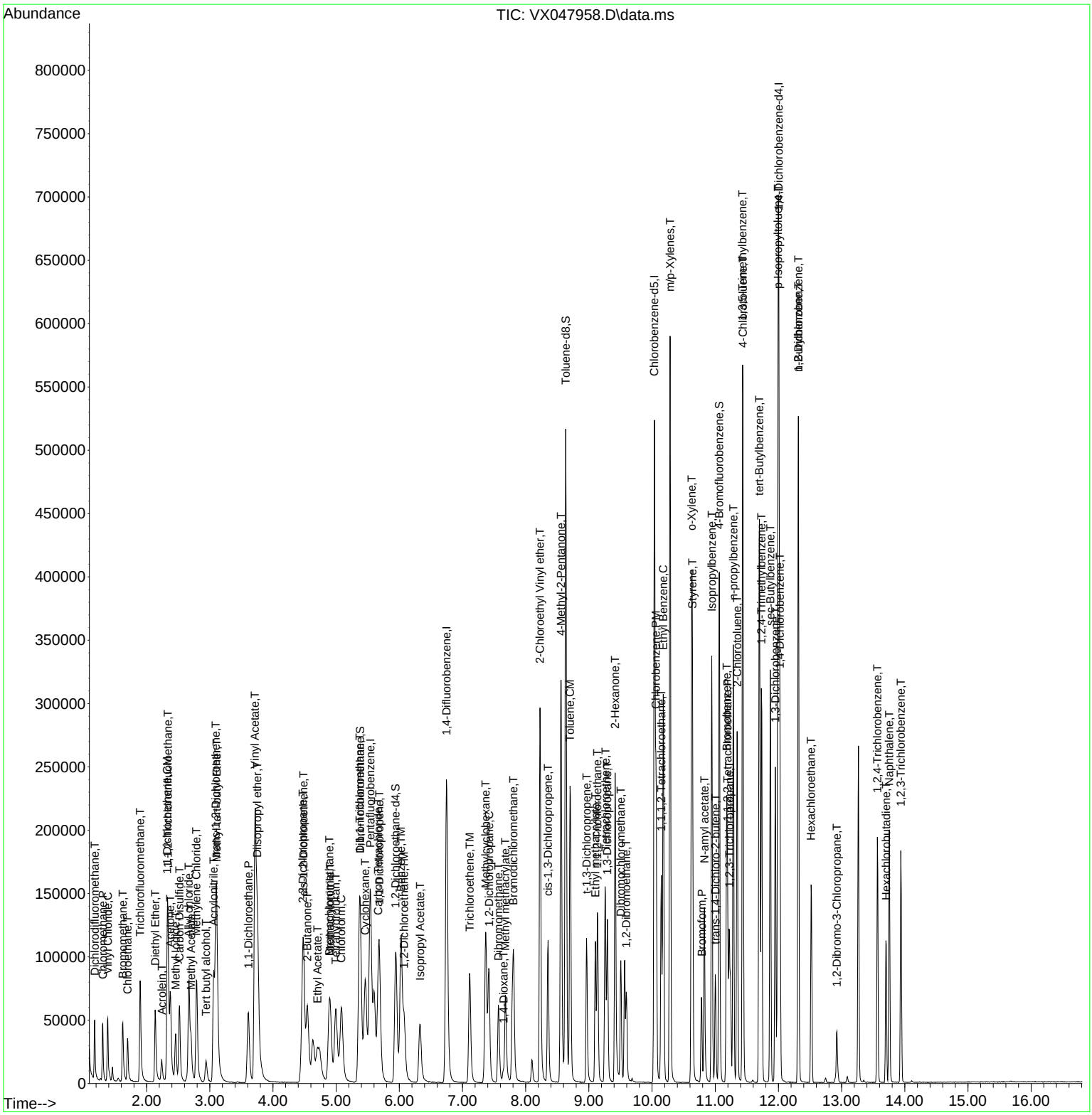
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Data File : VX047958.D
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Operator : JC/MD
Sample : VX1002WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

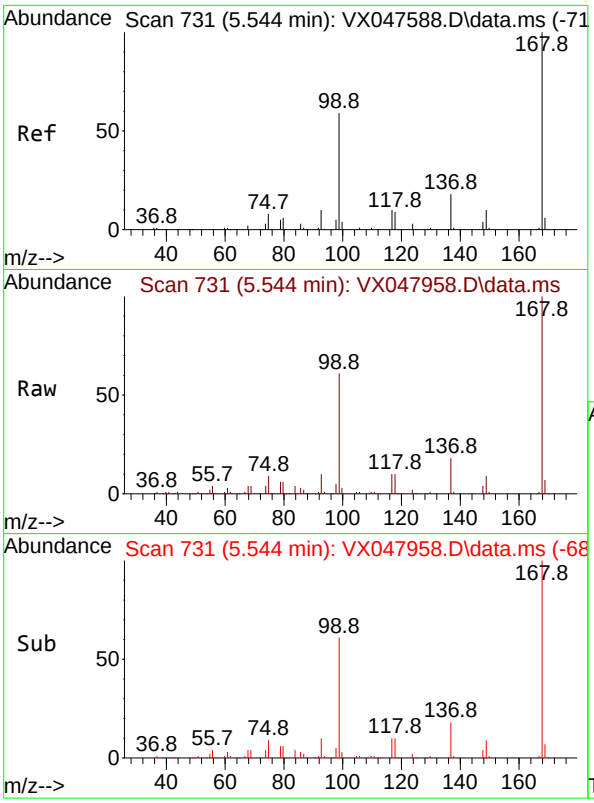
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Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/03/2025
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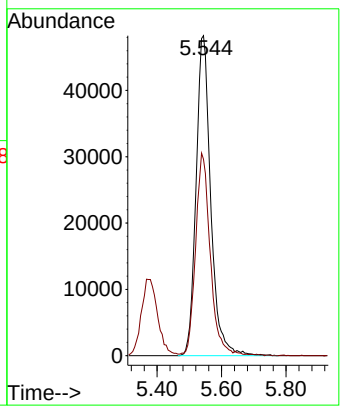




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:168 Resp: 15208

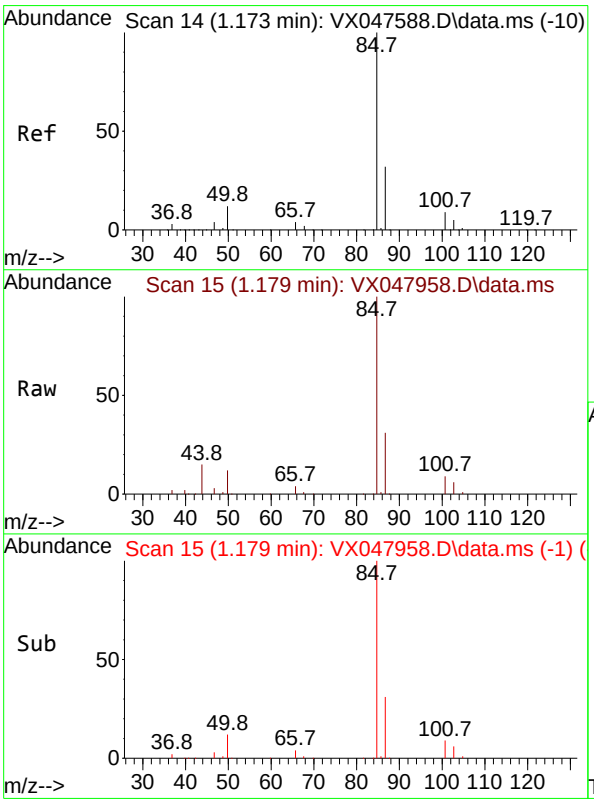
Ion	Ratio	Lower	Upper
168	100		
99	61.4	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

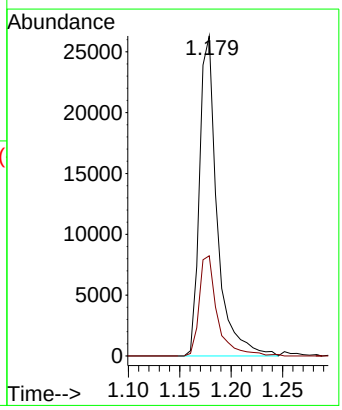
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

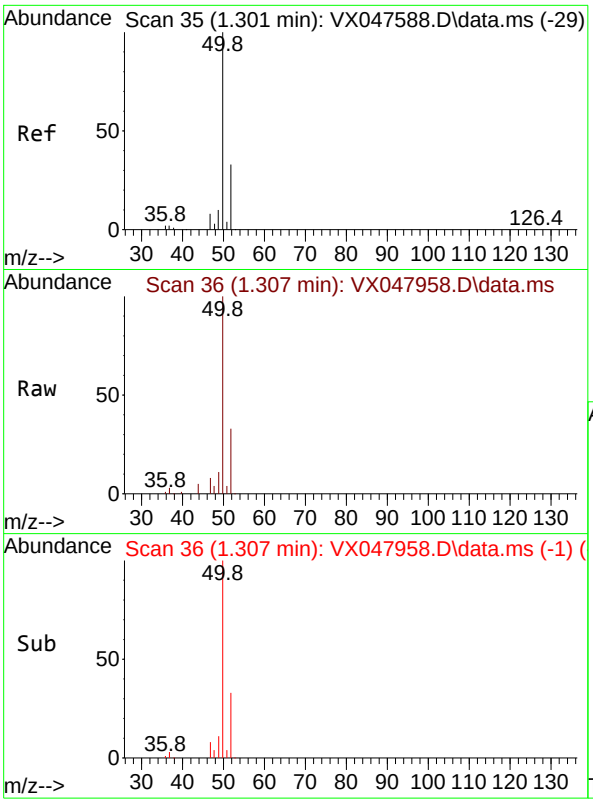


#2
Dichlorodifluoromethane
Concen: 19.982 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 85 Resp: 31469

Ion	Ratio	Lower	Upper
85	100		
87	31.6	15.8	47.3

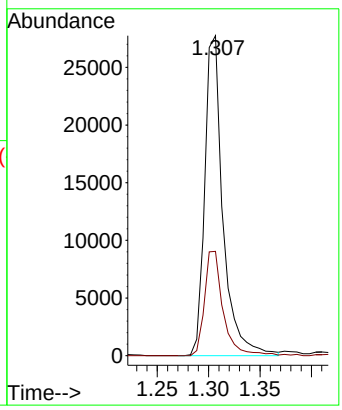




#3
Chloromethane
Concen: 16.531 ug/l
RT: 1.307 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 50 Resp: 3421

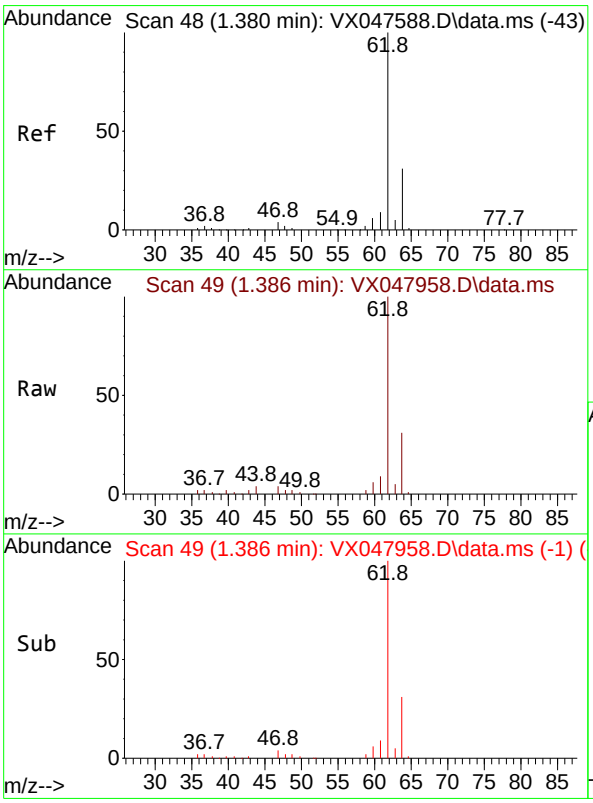
Ion	Ratio	Lower	Upper
50	100		
52	32.6	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

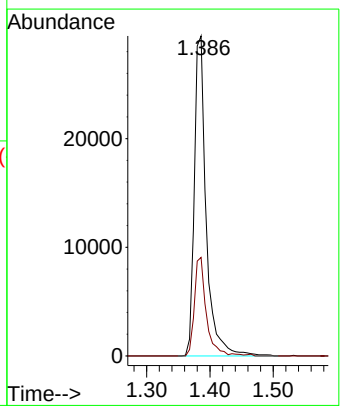
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

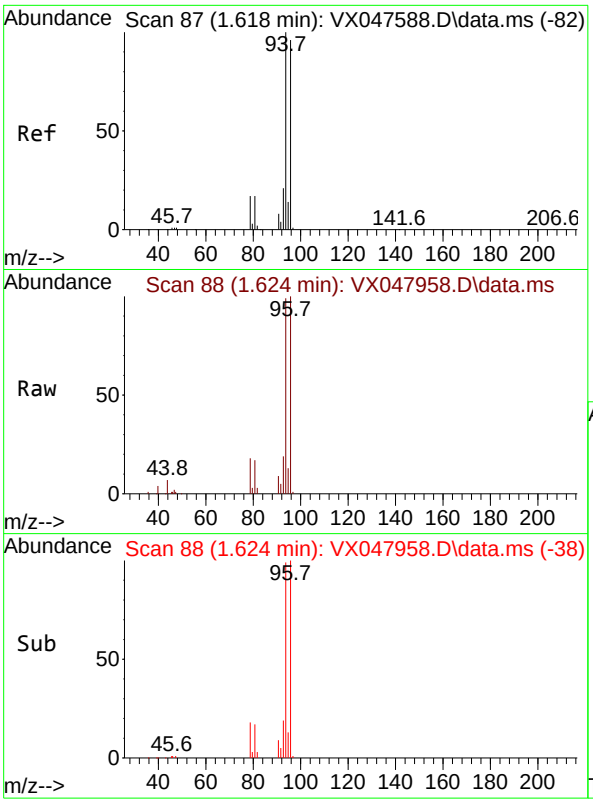


#4
Vinyl Chloride
Concen: 19.010 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 62 Resp: 38517

Ion	Ratio	Lower	Upper
62	100		
64	31.5	24.9	37.3

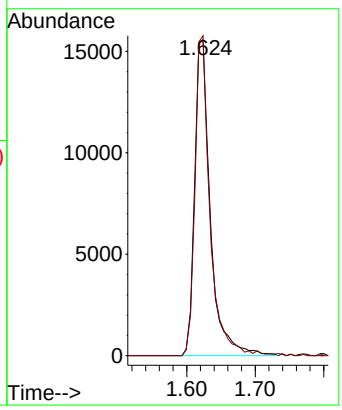




#5
Bromomethane
Concen: 19.365 ug/l
RT: 1.624 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 94 Resp: 2488

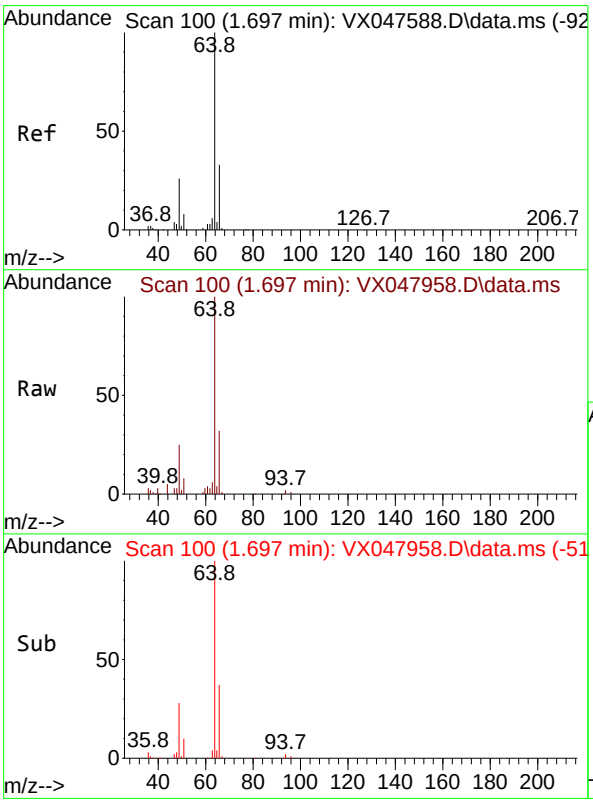
Ion	Ratio	Lower	Upper
94	100		
96	101.3	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

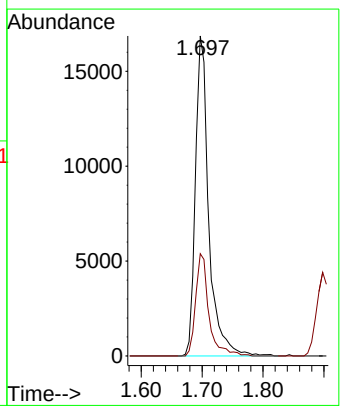
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

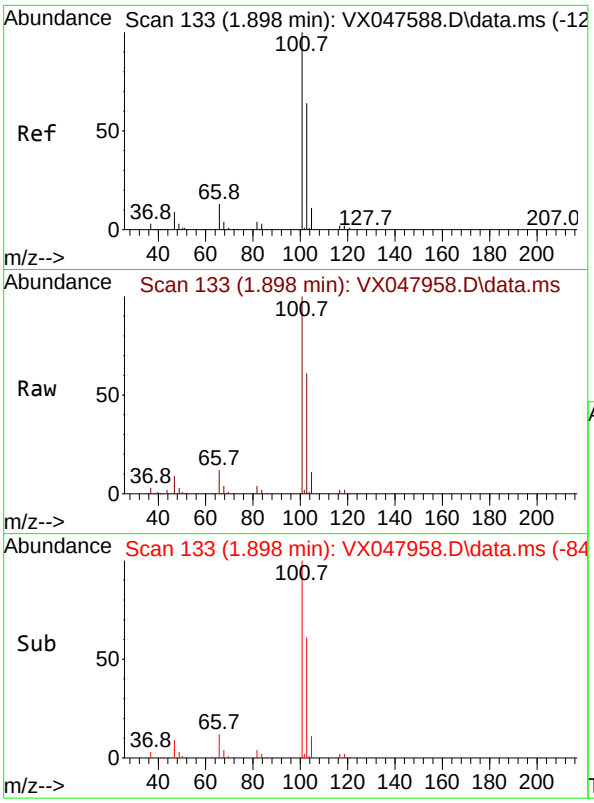


#6
Chloroethane
Concen: 18.896 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 64 Resp: 25589

Ion	Ratio	Lower	Upper
64	100		
66	31.9	26.1	39.1

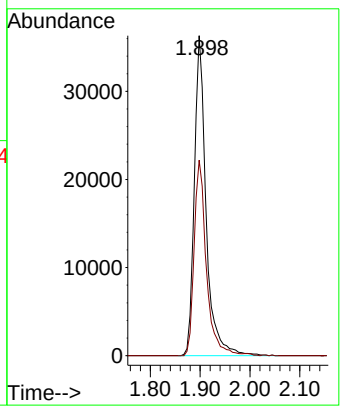




#7
Trichlorofluoromethane
Concen: 19.804 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:101 Resp: 5957

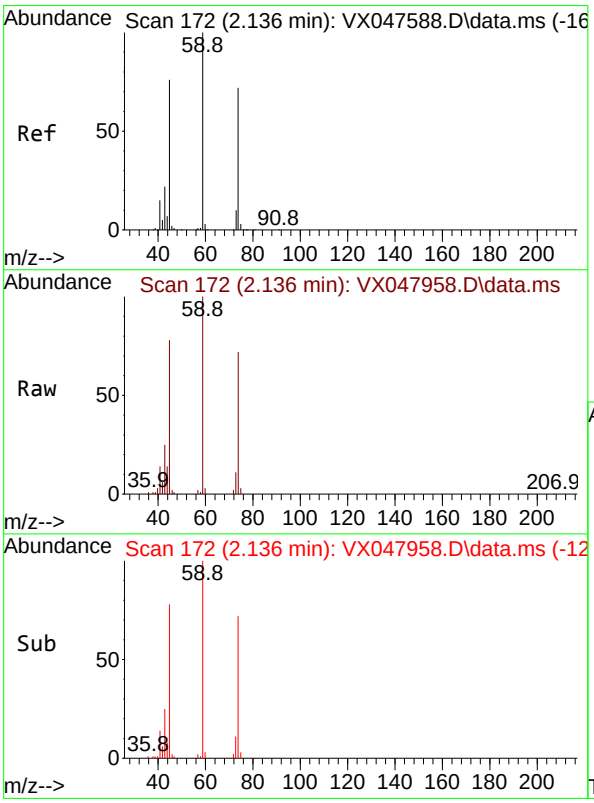
Ion	Ratio	Lower	Upper
101	100		
103	61.1	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

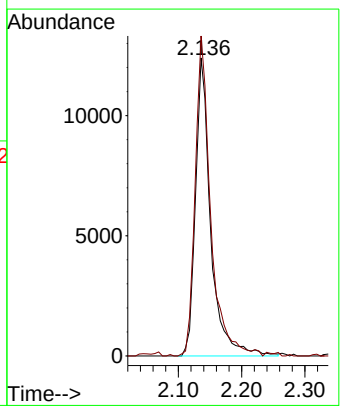
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

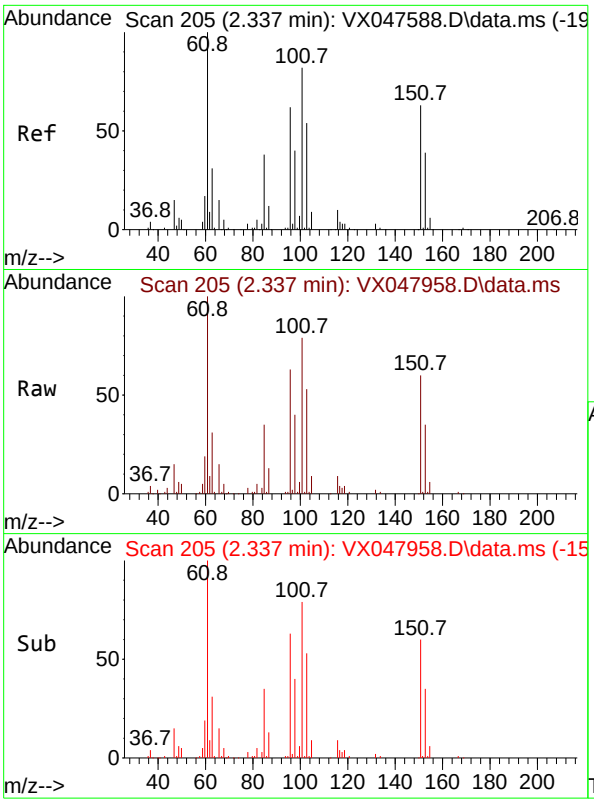


#8
Diethyl Ether
Concen: 16.859 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 74 Resp: 20748

Ion	Ratio	Lower	Upper
74	100		
45	109.6	52.3	156.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.244 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

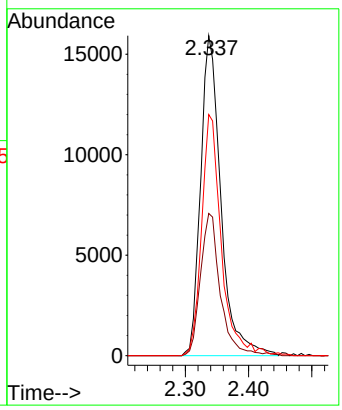
Tgt Ion:101 Resp: 3561

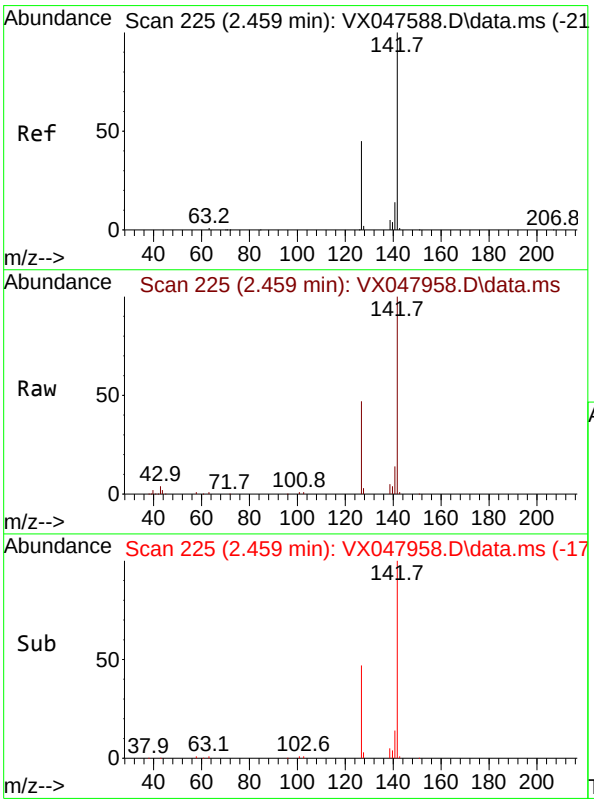
Ion	Ratio	Lower	Upper
101	100		
85	43.4	35.5	53.3
151	73.4	59.4	89.0

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

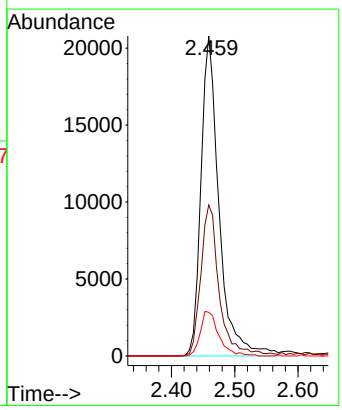


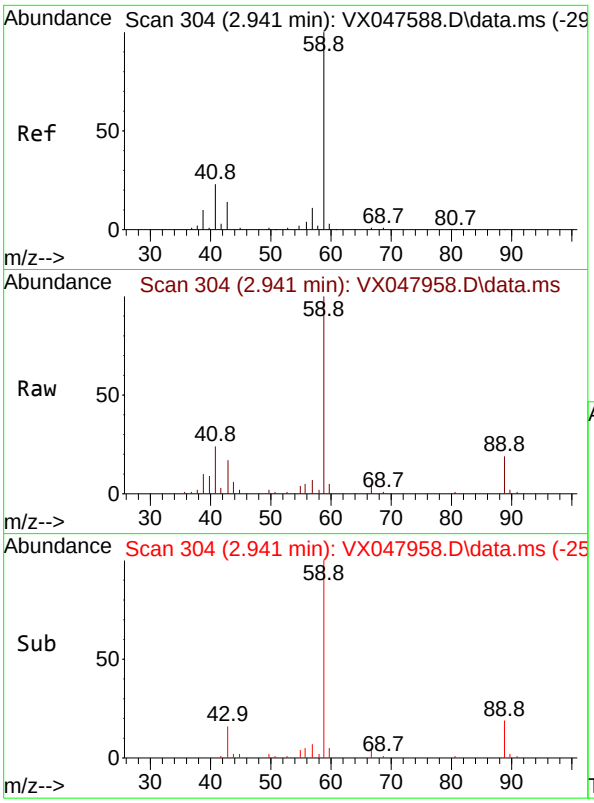


#10
Methyl Iodide
Concen: 15.031 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:142 Resp: 41239

Ion	Ratio	Lower	Upper
142	100		
127	48.3	37.2	55.8
141	14.3	11.4	17.0

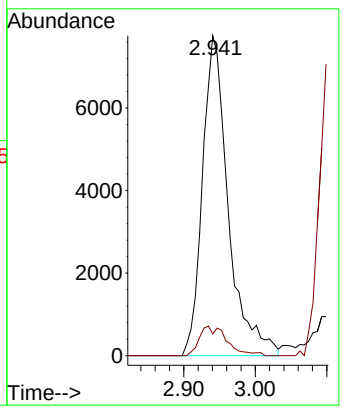




#11
Tert butyl alcohol
Concen: 72.216 ug/l
RT: 2.941 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 59 Resp: 1947

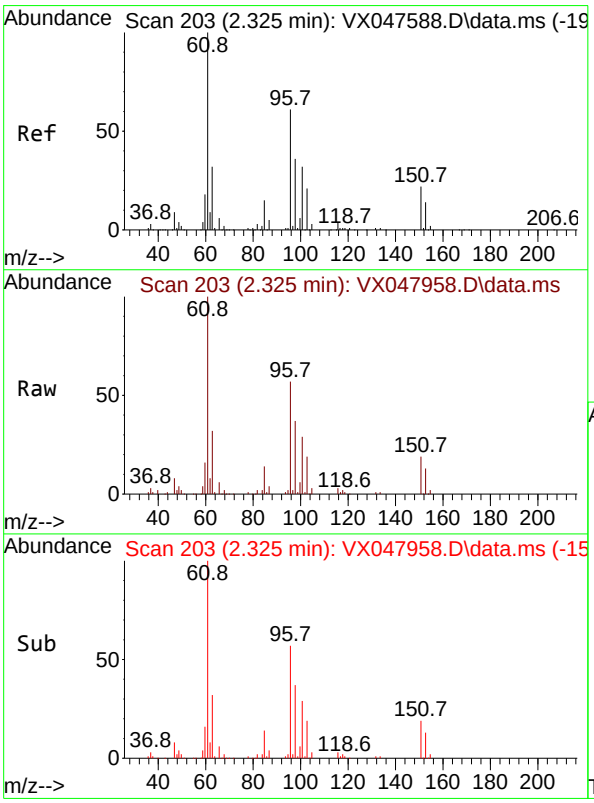
Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

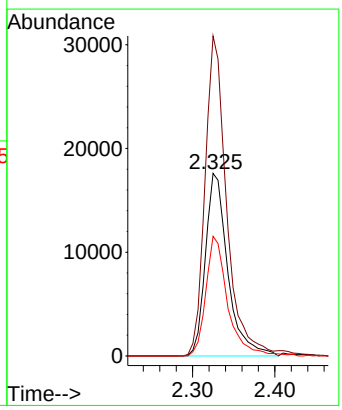
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

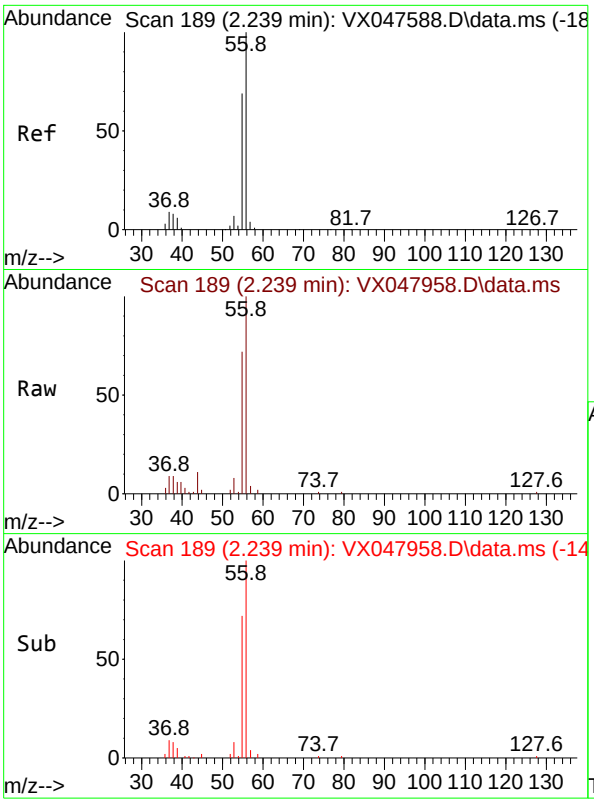


#12
1,1-Dichloroethene
Concen: 18.439 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 96 Resp: 33319

Ion	Ratio	Lower	Upper
96	100		
61	175.4	131.0	196.6
98	65.6	47.7	71.5

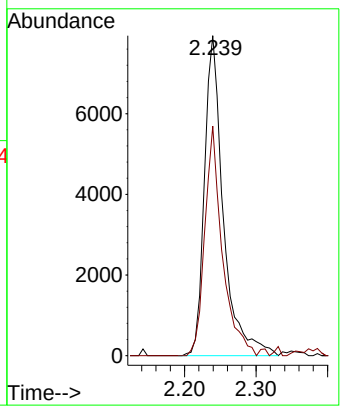




#13
Acrolein
Concen: 58.541 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 56 Resp: 1454

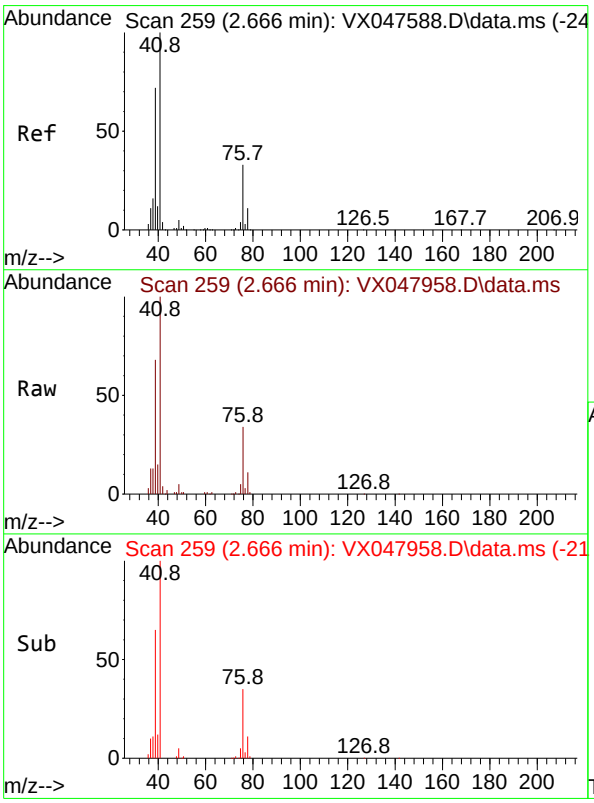
Ion	Ratio	Lower	Upper
56	100		
55	66.8	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

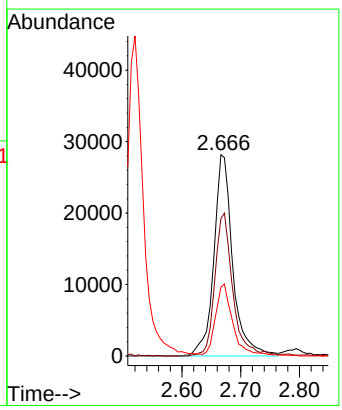
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

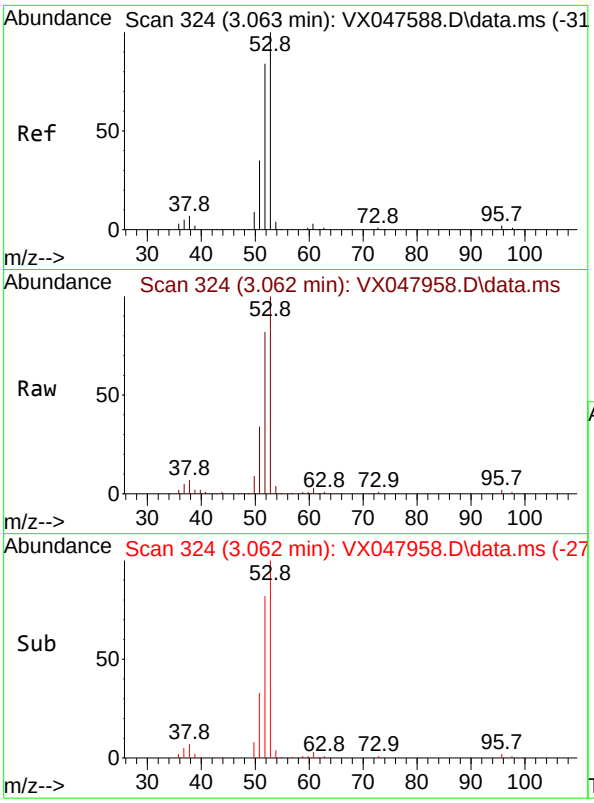


#14
Allyl chloride
Concen: 16.898 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 41 Resp: 63008

Ion	Ratio	Lower	Upper
41	100		
39	67.2	54.7	82.1
76	32.9	25.7	38.5

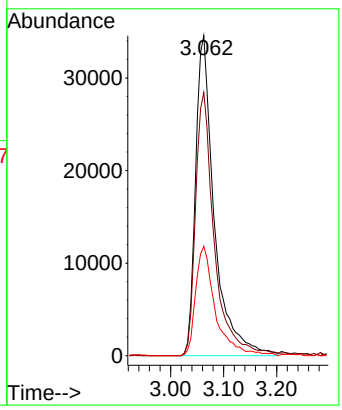




#15
Acrylonitrile
Concen: 85.014 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 53 Resp: 8490

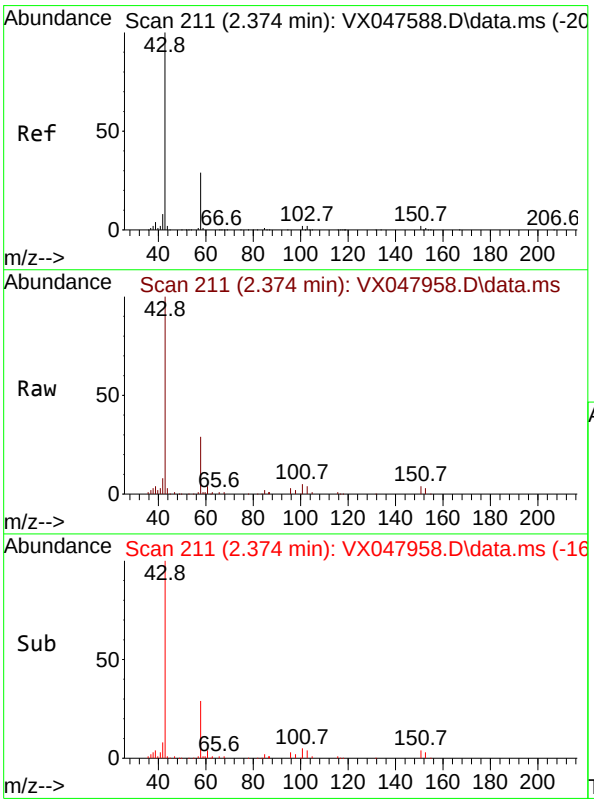
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.4	99.6
51	36.2	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

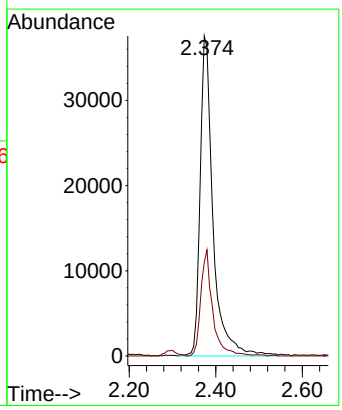
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

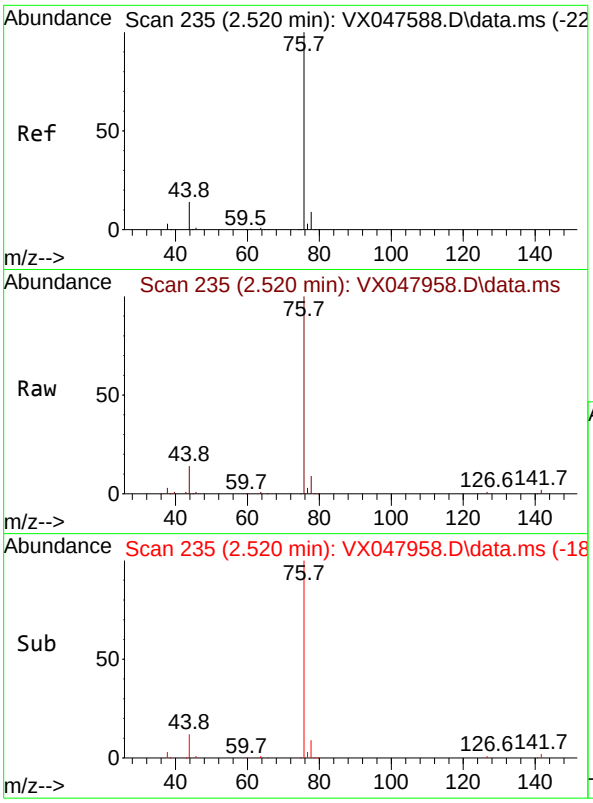


#16
Acetone
Concen: 73.633 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 43 Resp: 77506

Ion	Ratio	Lower	Upper
43	100		
58	29.3	23.4	35.0

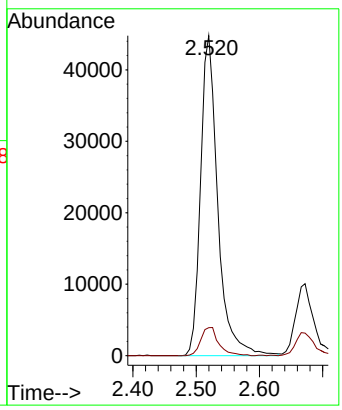




#17
Carbon Disulfide
Concen: 17.156 ug/l
RT: 2.520 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 76 Resp: 8486

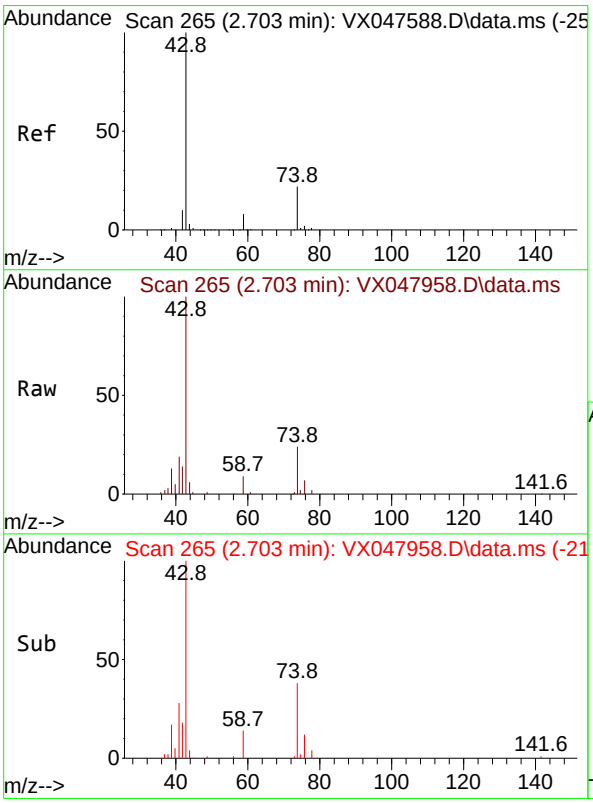
Ion	Ratio	Lower	Upper
76	100		
78	8.9	6.8	10.2



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

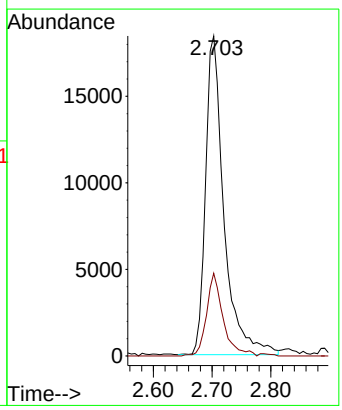
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

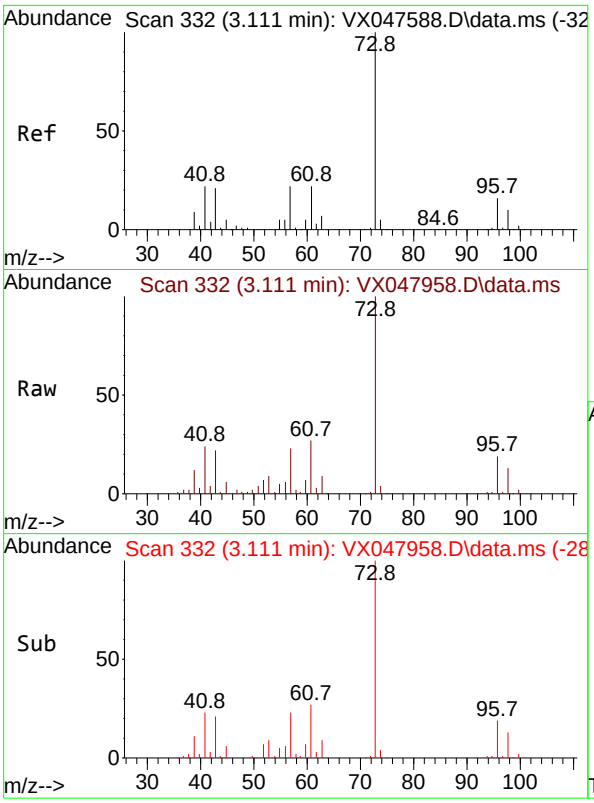


#18
Methyl Acetate
Concen: 17.065 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 43 Resp: 39975

Ion	Ratio	Lower	Upper
43	100		
74	23.4	17.4	26.2

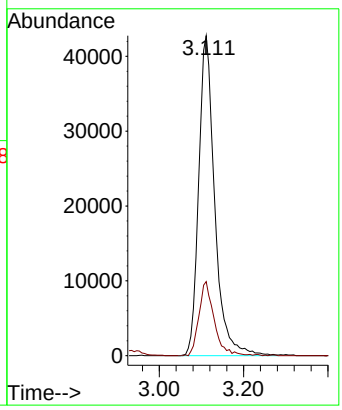




#19
Methyl tert-butyl Ether
Concen: 17.166 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 73 Resp: 11322

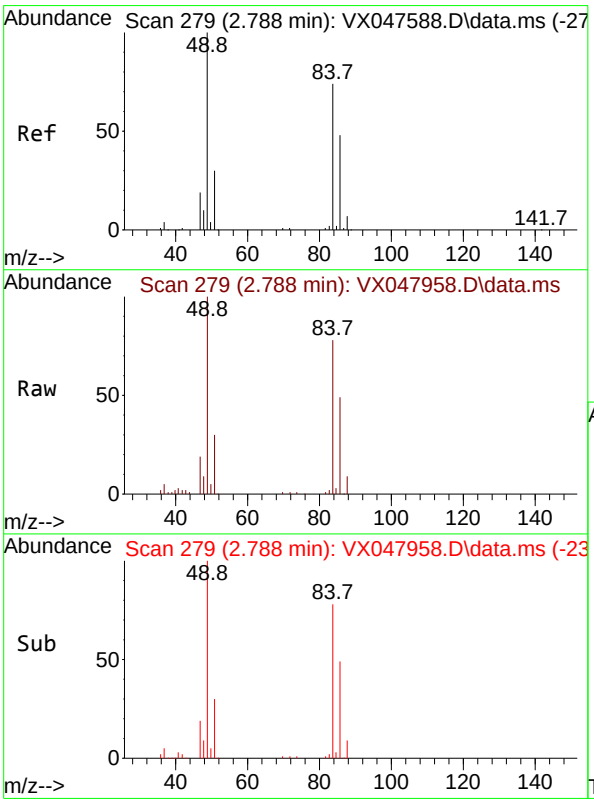
Ion	Ratio	Lower	Upper
73	100		
57	23.2	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

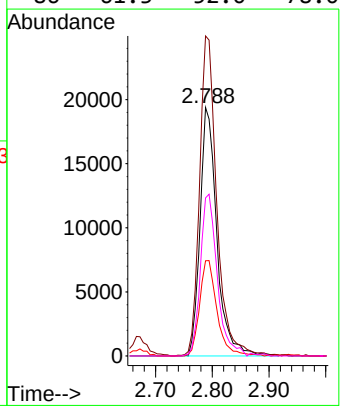
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

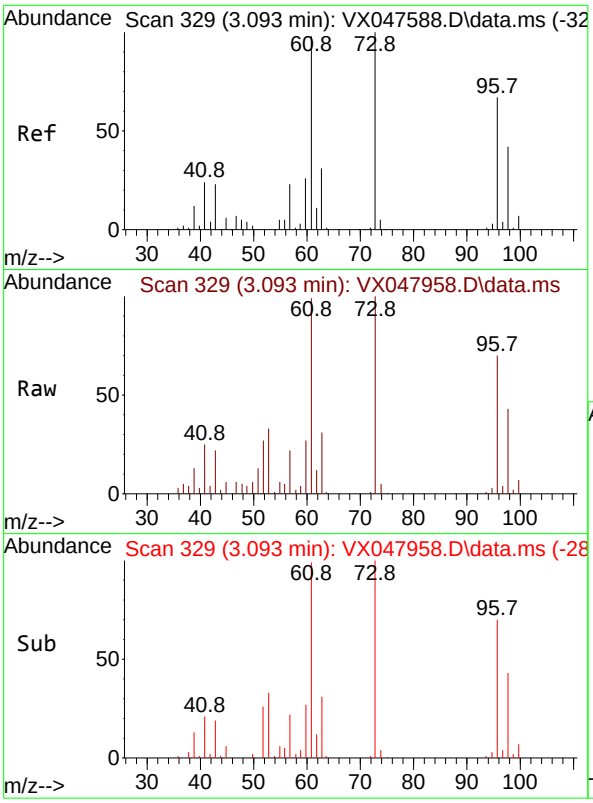


#20
Methylene Chloride
Concen: 18.001 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 84 Resp: 40108

Ion	Ratio	Lower	Upper
84	100		
49	123.8	108.6	162.8
51	37.0	32.6	48.8
86	61.3	52.0	78.0

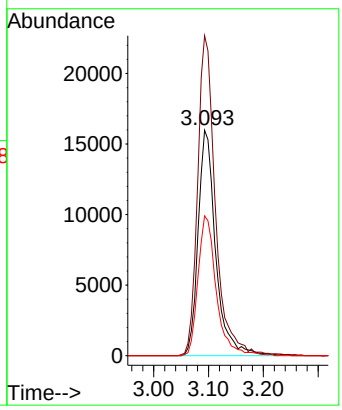




#21
trans-1,2-Dichloroethene
Concen: 18.347 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 96 Resp: 3569

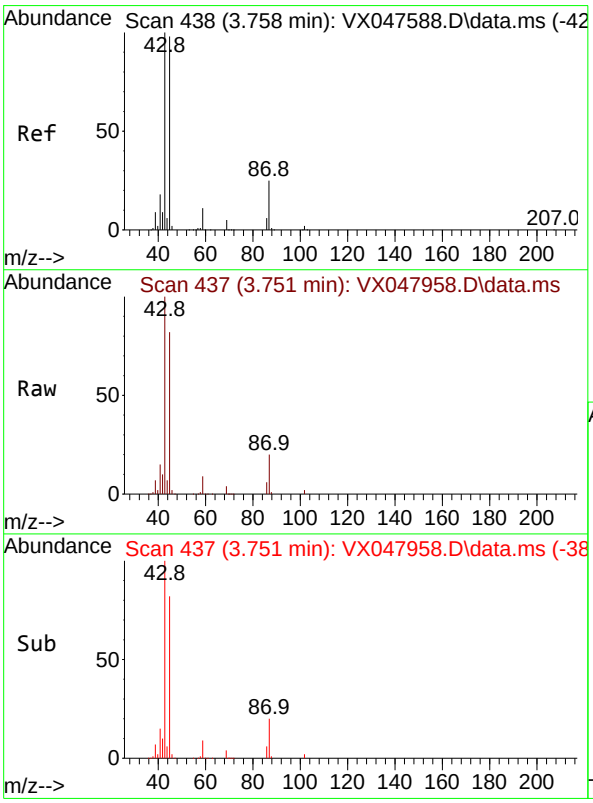
Ion	Ratio	Lower	Upper
96	100		
61	142.0	116.2	174.2
98	62.0	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

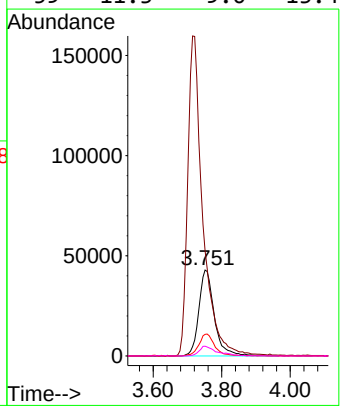
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

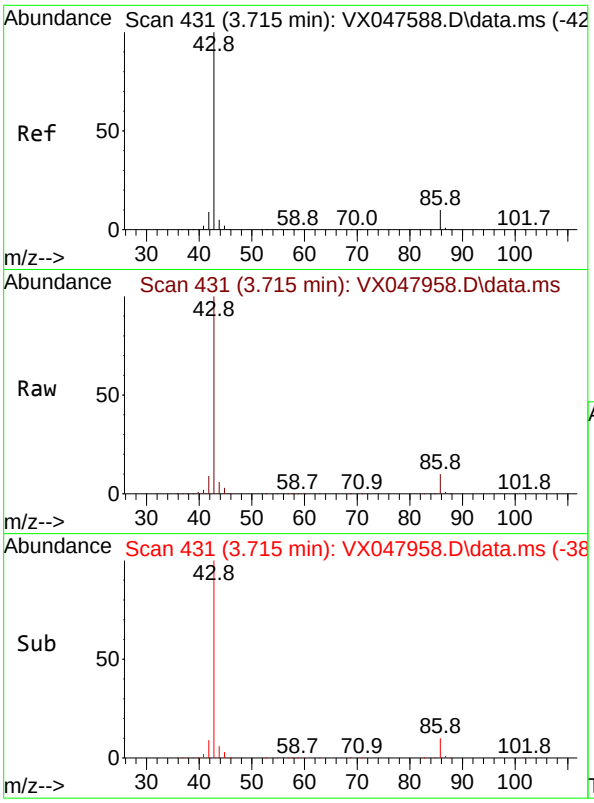


#22
Diisopropyl ether
Concen: 18.699 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 45 Resp: 135125

Ion	Ratio	Lower	Upper
45	100		
43	121.3	81.0	121.4
87	25.1	20.3	30.5
59	11.3	9.0	13.4





#23
Vinyl Acetate
Concen: 84.764 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

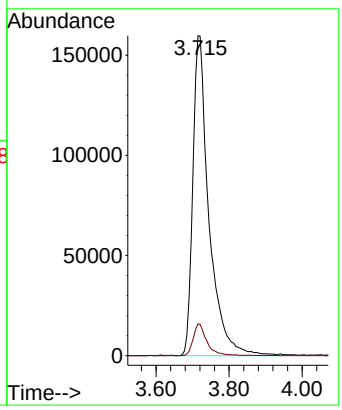
Tgt Ion: 43 Resp: 49024

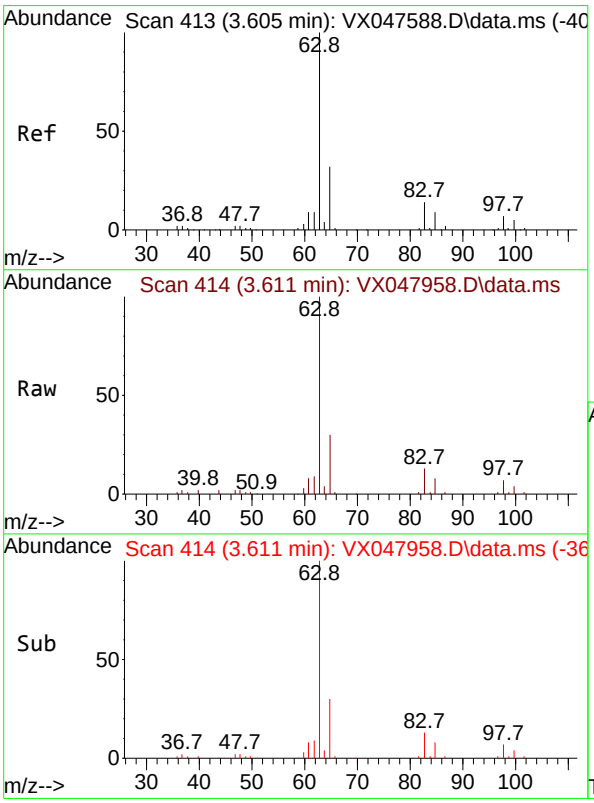
Ion	Ratio	Lower	Upper
43	100		
86	10.0	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

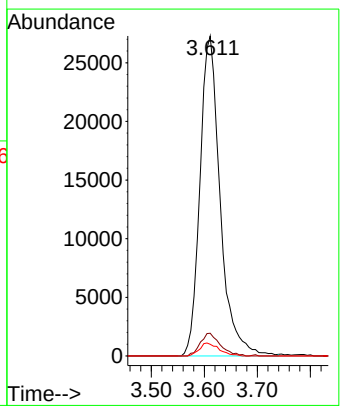


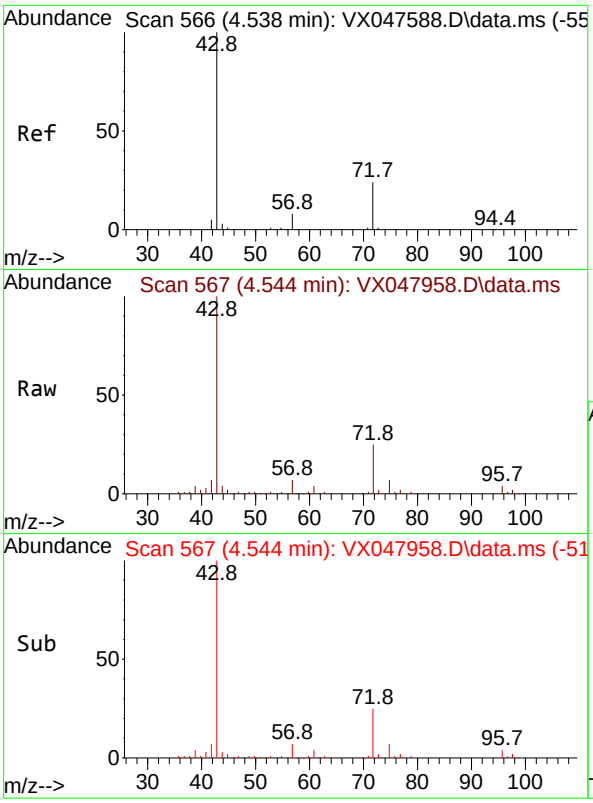


#24
1,1-Dichloroethane
Concen: 18.838 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 63 Resp: 72354

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.8	11.2
100	3.7	2.3	6.9

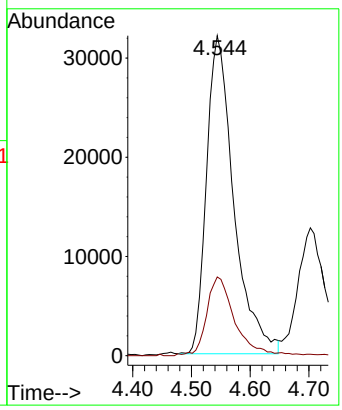




#25
2-Butanone
Concen: 78.637 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 43 Resp: 10325

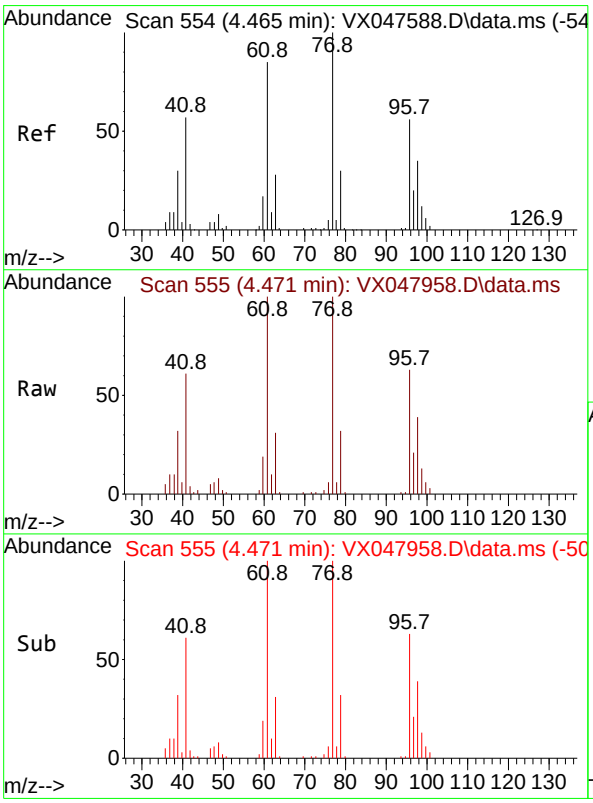
Ion	Ratio	Lower	Upper
43	100		
72	24.3	20.1	30.1



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

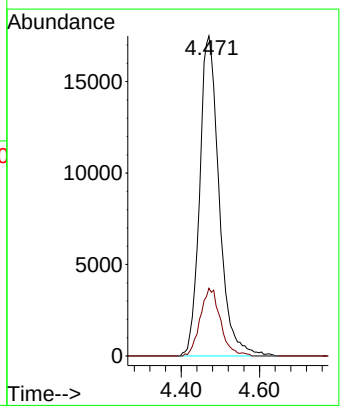
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

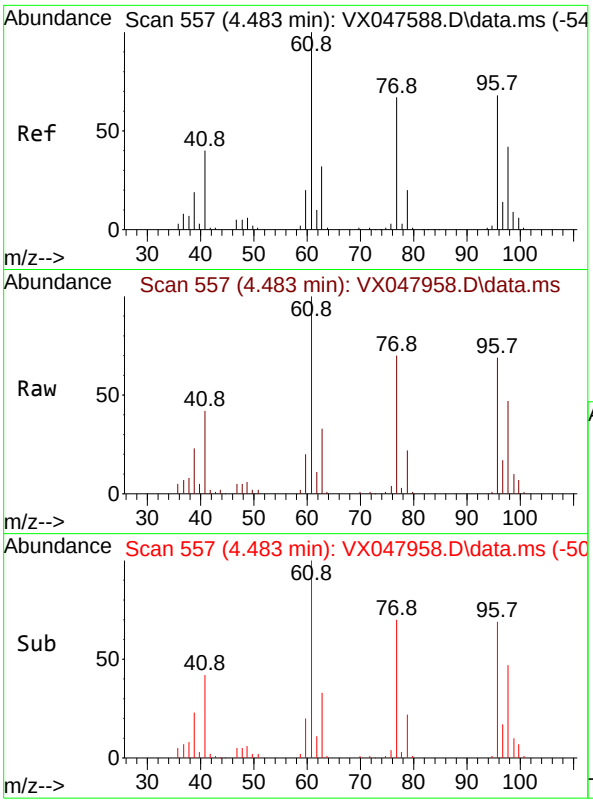


#26
2,2-Dichloropropane
Concen: 18.903 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 77 Resp: 60352

Ion	Ratio	Lower	Upper
77	100		
97	22.0	10.9	32.7

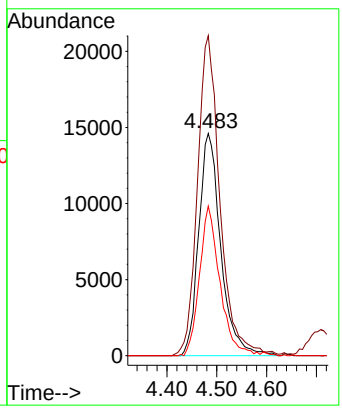




#27
cis-1,2-Dichloroethene
Concen: 18.818 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 96 Resp: 4483

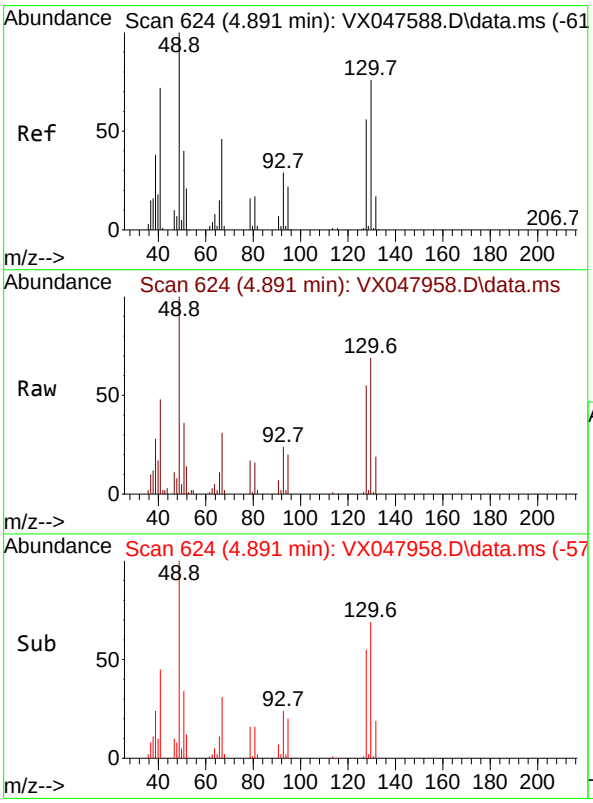
Ion	Ratio	Lower	Upper
96	100		
61	146.9	0.0	303.2
98	62.2	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations APPROVED

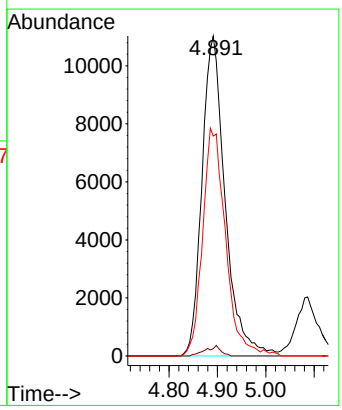
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

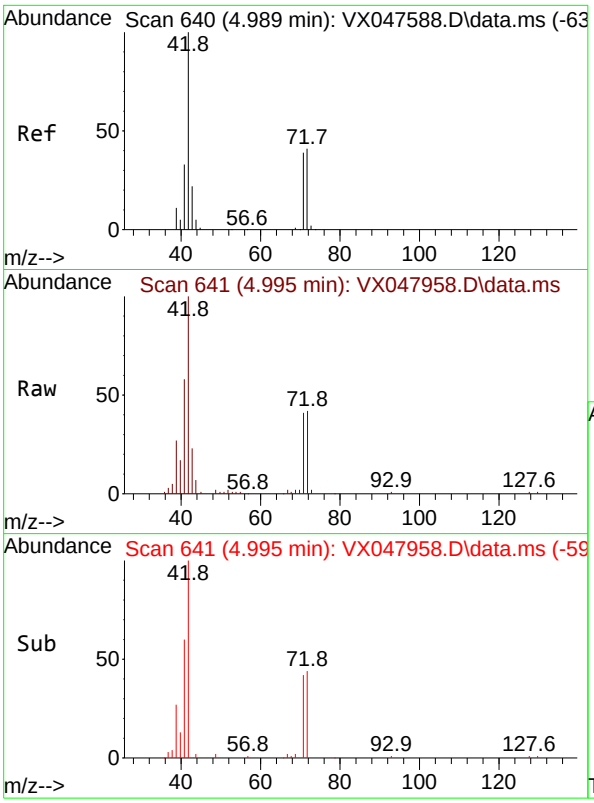


#28
Bromochloromethane
Concen: 21.876 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 49 Resp: 36682

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.2
130	70.7	57.8	86.8

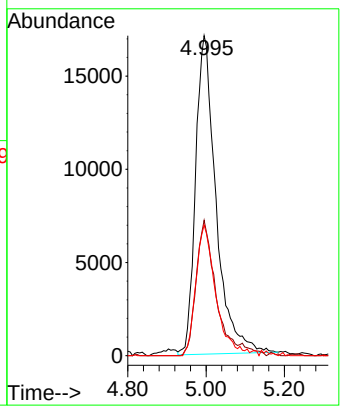




#29
Tetrahydrofuran
Concen: 78.501 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 42 Resp: 6200

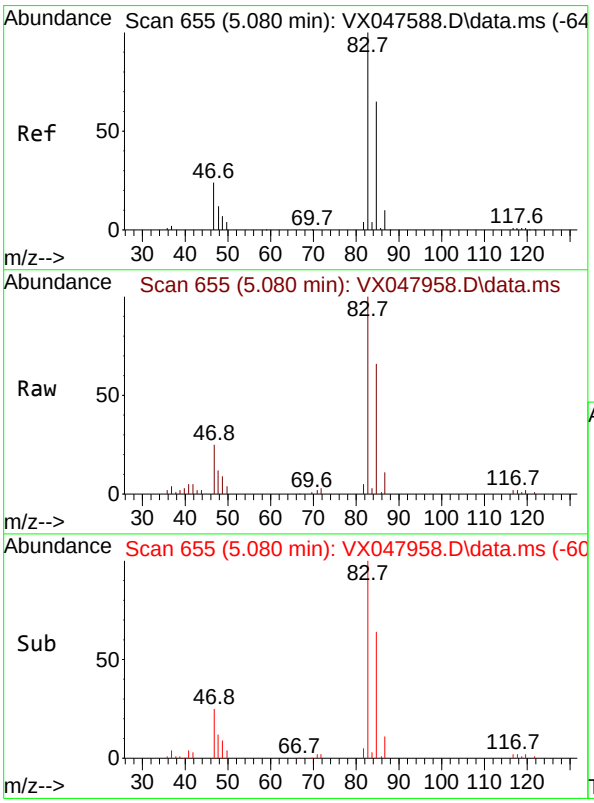
Ion	Ratio	Lower	Upper
42	100		
72	40.0	34.2	51.2
71	39.8	31.9	47.9



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

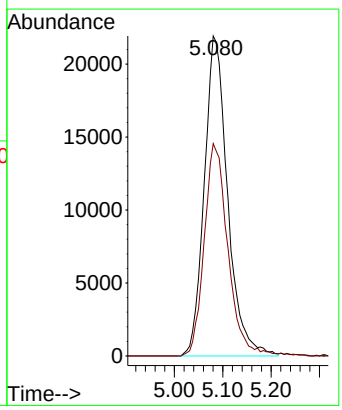
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

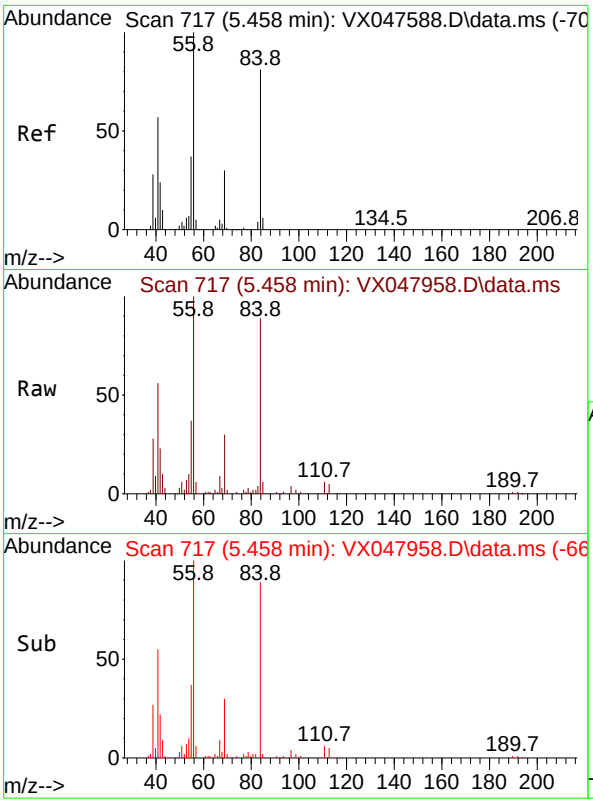


#30
Chloroform
Concen: 18.931 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 83 Resp: 73476

Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.8	77.6

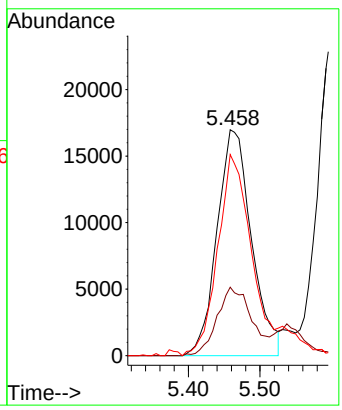




#31
Cyclohexane
Concen: 17.787 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 56 Resp: 5690

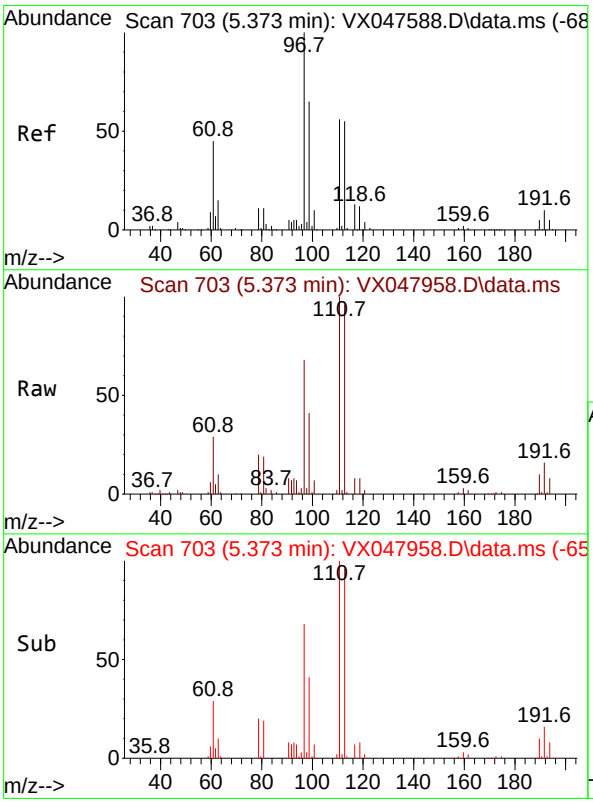
Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.8	35.8
84	87.3	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

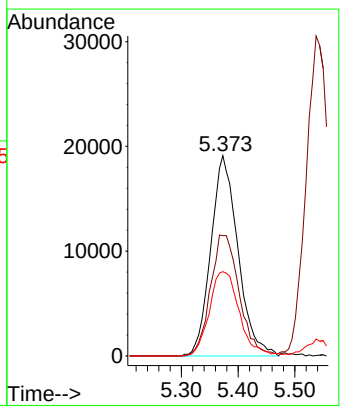
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

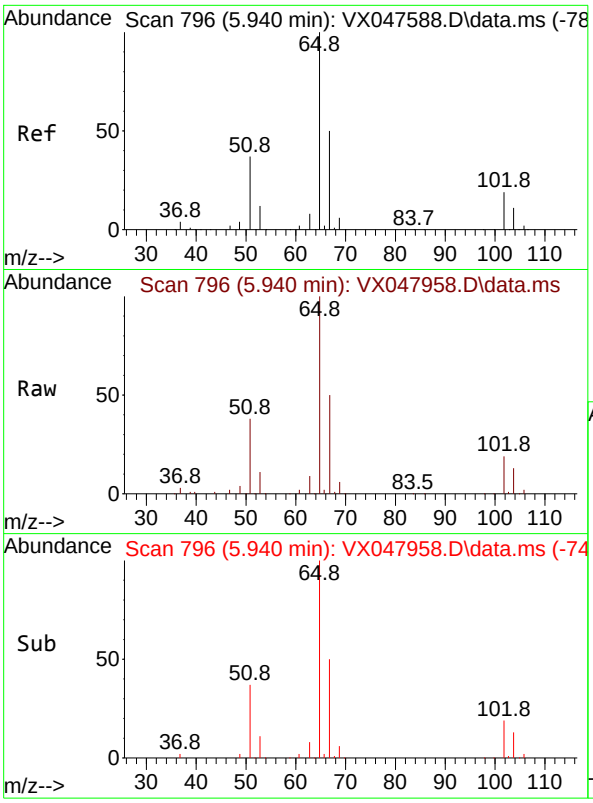


#32
1,1,1-Trichloroethane
Concen: 19.311 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 97 Resp: 63575

Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.6	76.0
61	46.4	35.8	53.8

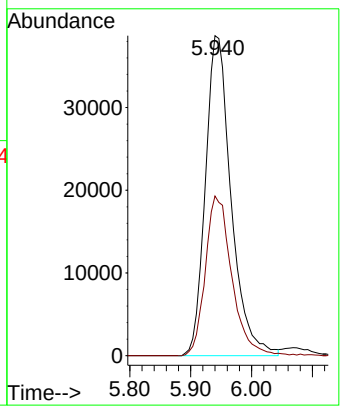




#33
1,2-Dichloroethane-d4
Concen: 46.826 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 65 Resp: 11336

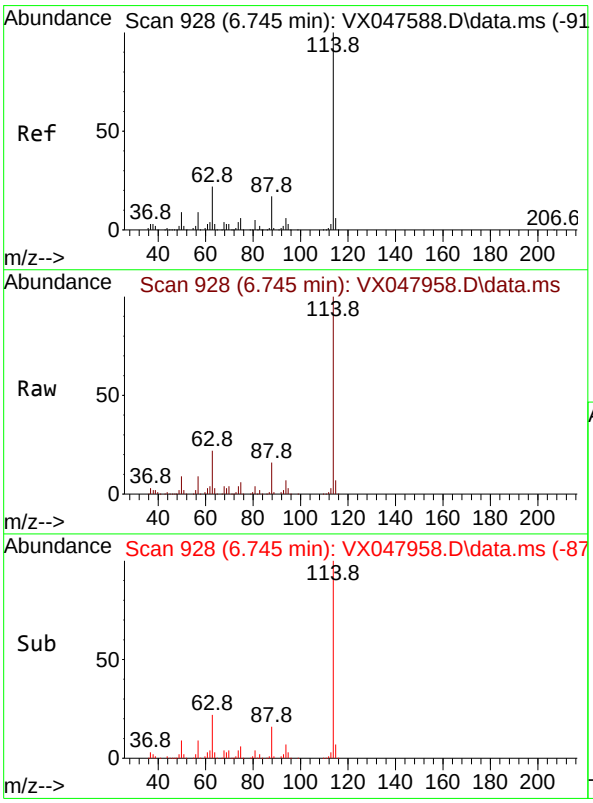
Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

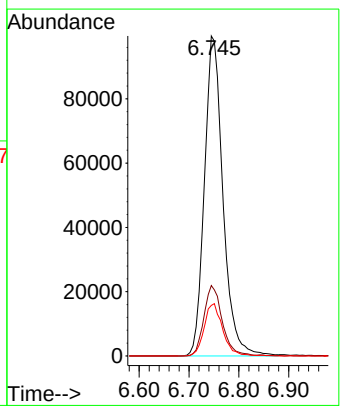
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

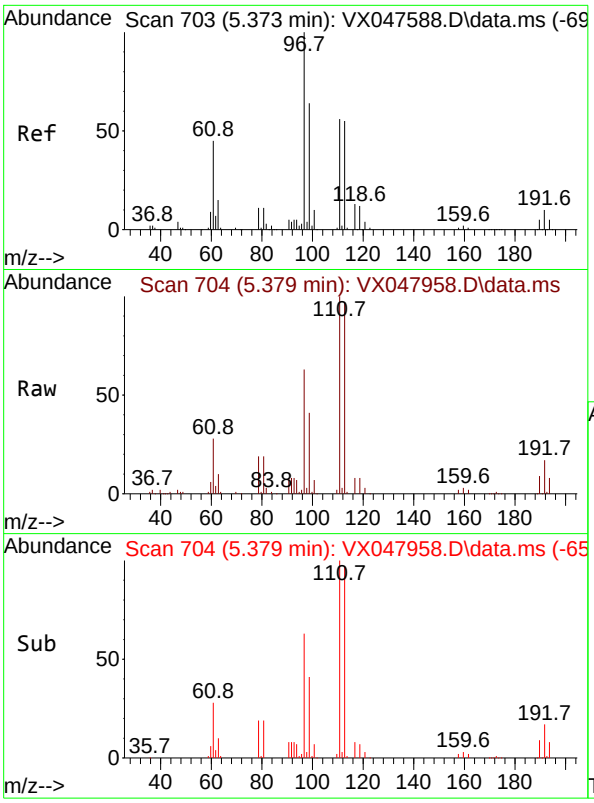


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:114 Resp: 257772

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	44.0
88	15.8	0.0	34.2

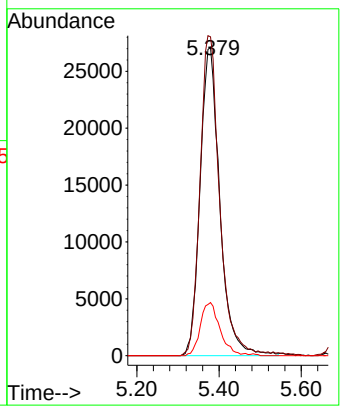




#35
Dibromofluoromethane
Concen: 52.195 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:113 Resp: 9023

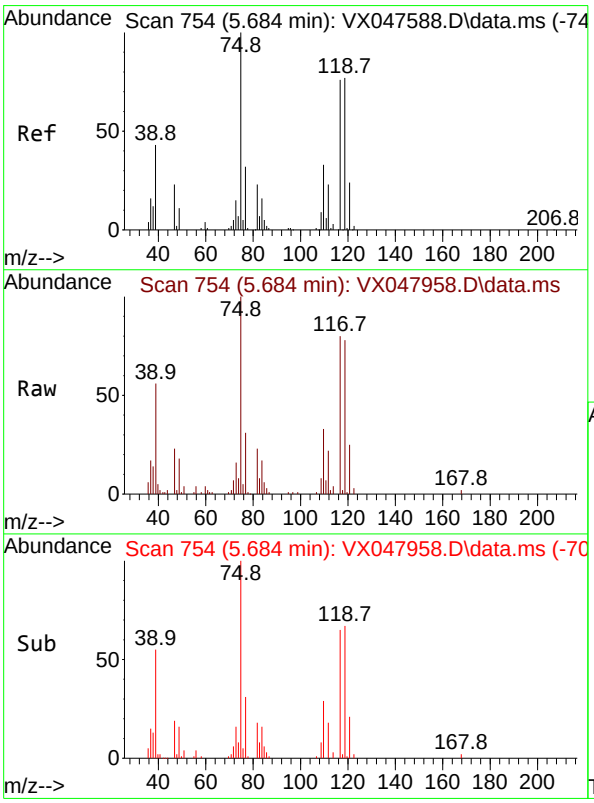
Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.9	121.3
192	17.2	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

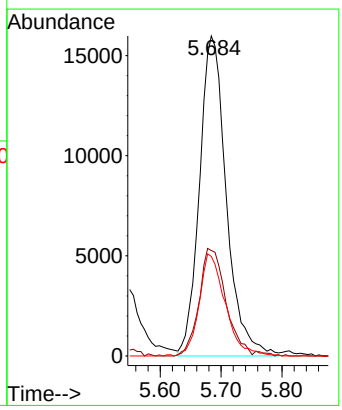
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

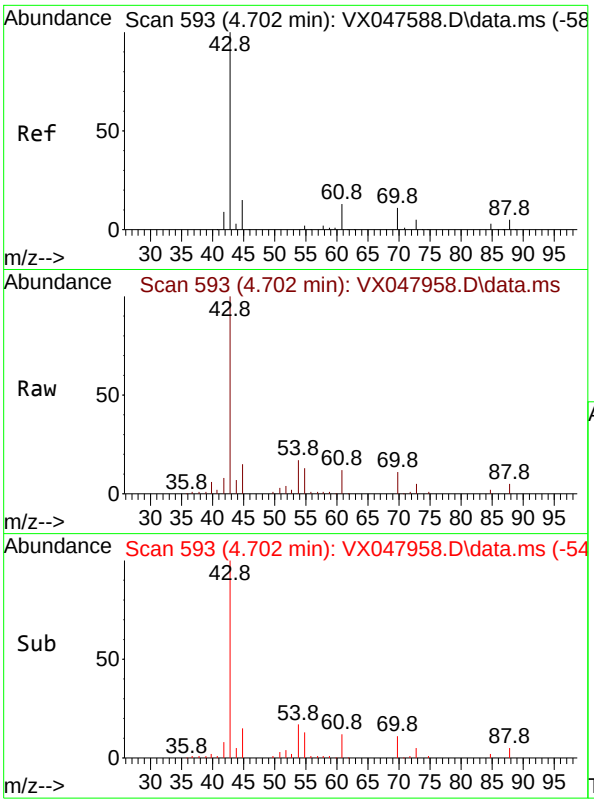


#36
1,1-Dichloropropene
Concen: 19.390 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 75 Resp: 48982

Ion	Ratio	Lower	Upper
75	100		
110	33.3	16.7	50.1
77	31.1	24.3	36.5

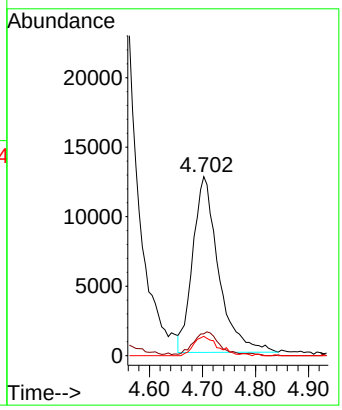




#37
Ethyl Acetate
Concen: 15.817 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 43 Resp: 4278

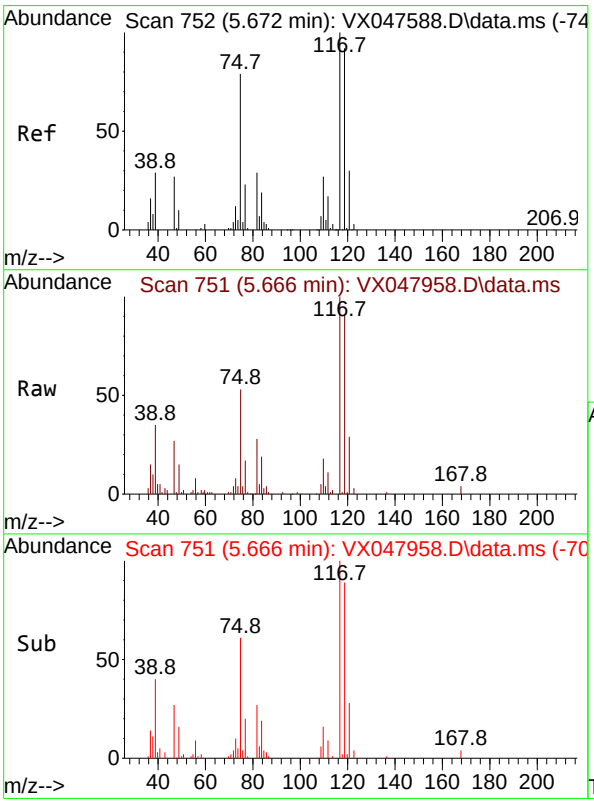
Ion	Ratio	Lower	Upper
43	100		
61	11.8	9.8	14.8
70	10.2	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

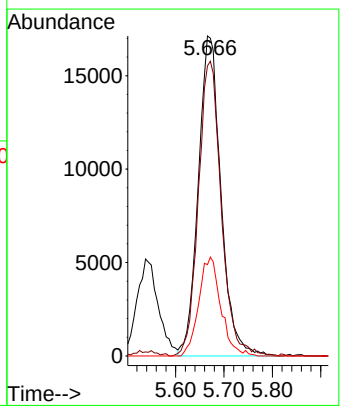
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

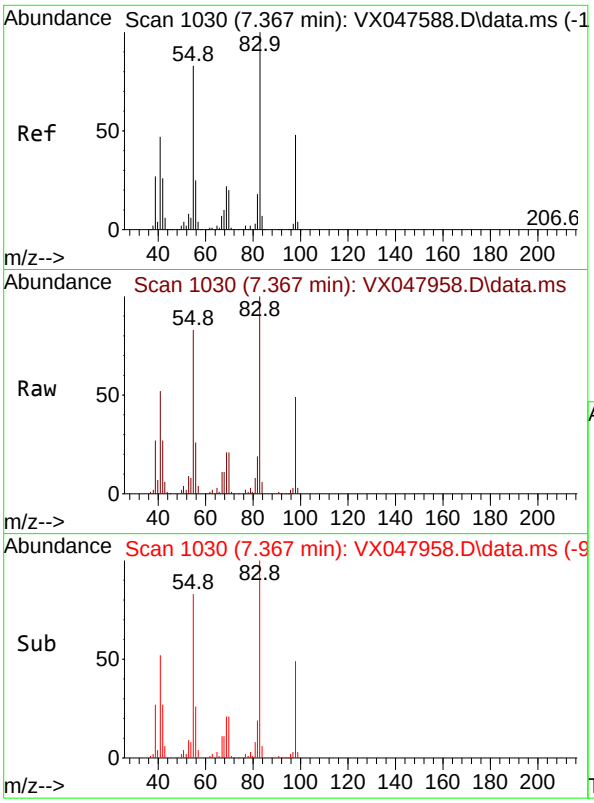


#38
Carbon Tetrachloride
Concen: 20.321 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:117 Resp: 55774

Ion	Ratio	Lower	Upper
117	100		
119	90.7	73.4	110.2
121	28.5	23.8	35.6

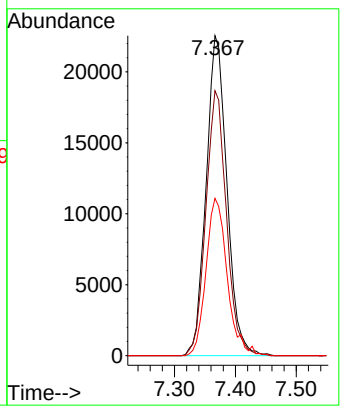




#39
Methylcyclohexane
Concen: 18.665 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 83 Resp: 5352

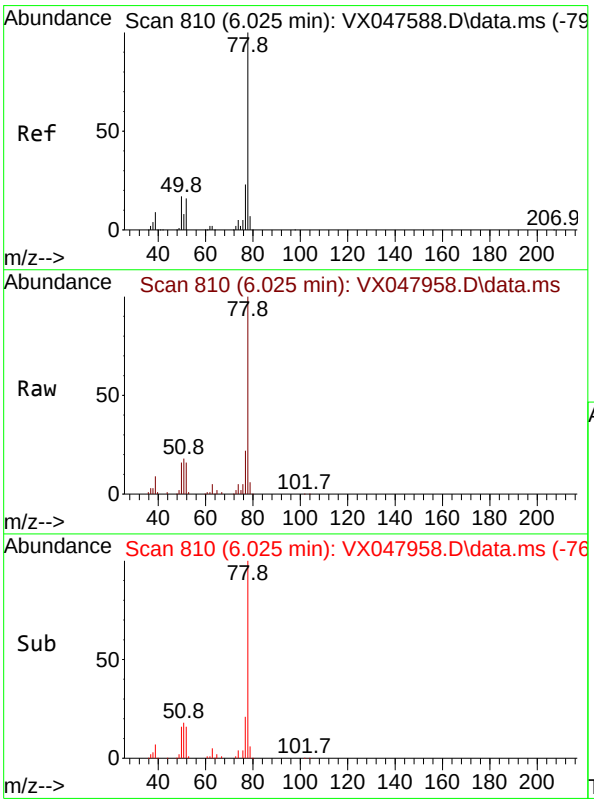
Ion	Ratio	Lower	Upper
83	100		
55	82.8	66.4	99.6
98	49.2	38.1	57.1



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

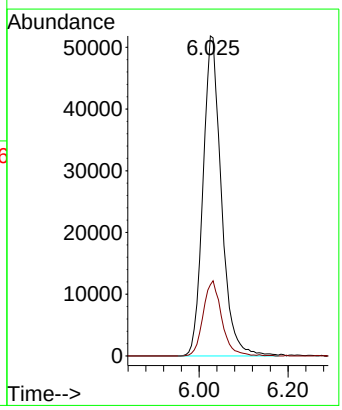
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

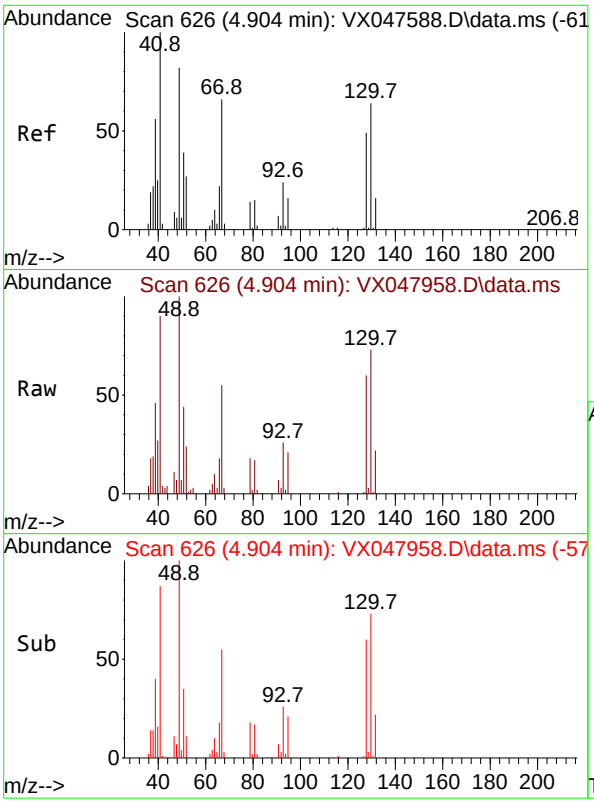


#40
Benzene
Concen: 19.423 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 78 Resp: 149020

Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.8	28.2

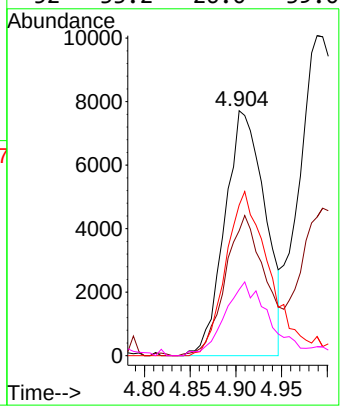




#41
Methacrylonitrile
Concen: 16.896 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 41 Resp: 2359

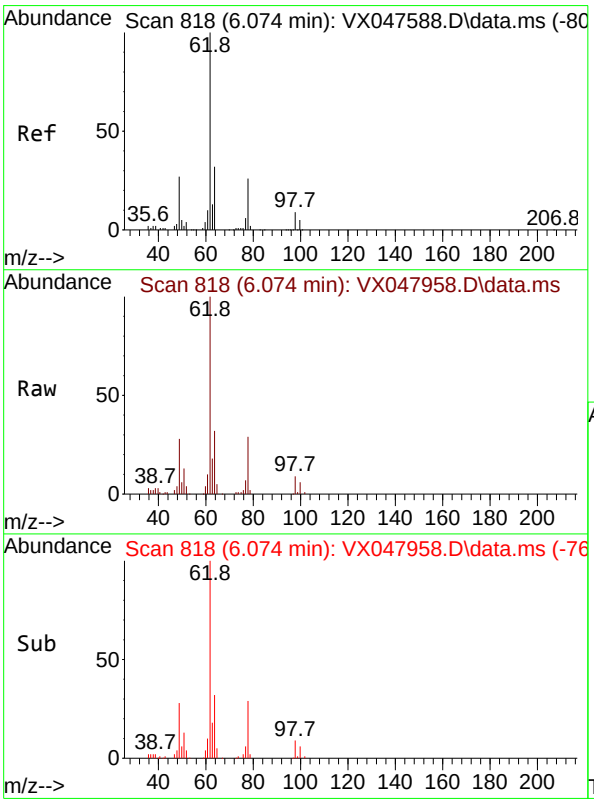
Ion	Ratio	Lower	Upper
41	100		
39	58.3	43.3	64.9
67	75.6	58.6	87.8
52	33.2	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

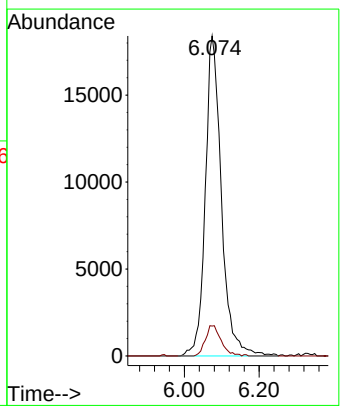
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

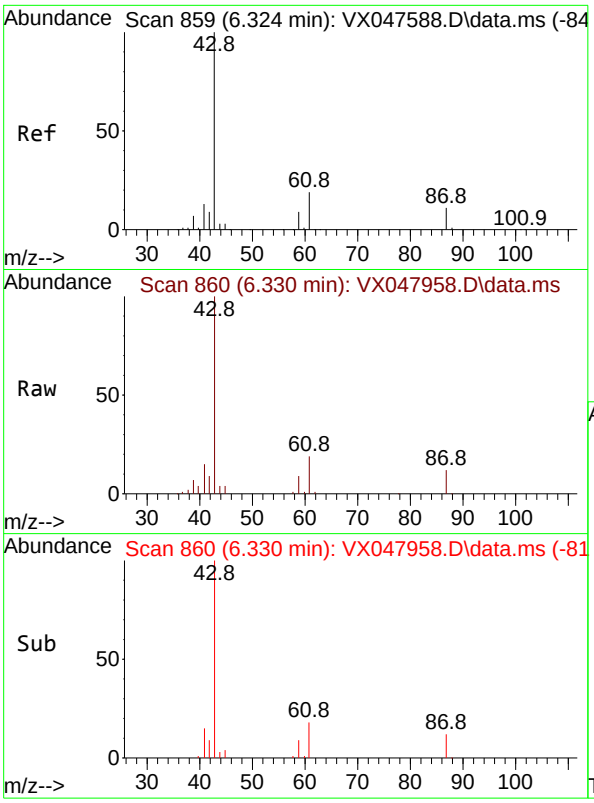


#42
1,2-Dichloroethane
Concen: 18.859 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 62 Resp: 55056

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.0





#43
Isopropyl Acetate
Concen: 17.001 ug/l
RT: 6.330 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

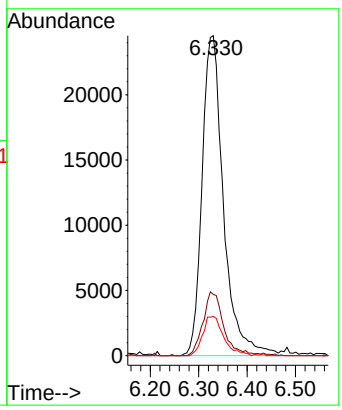
Tgt Ion: 43 Resp: 7541

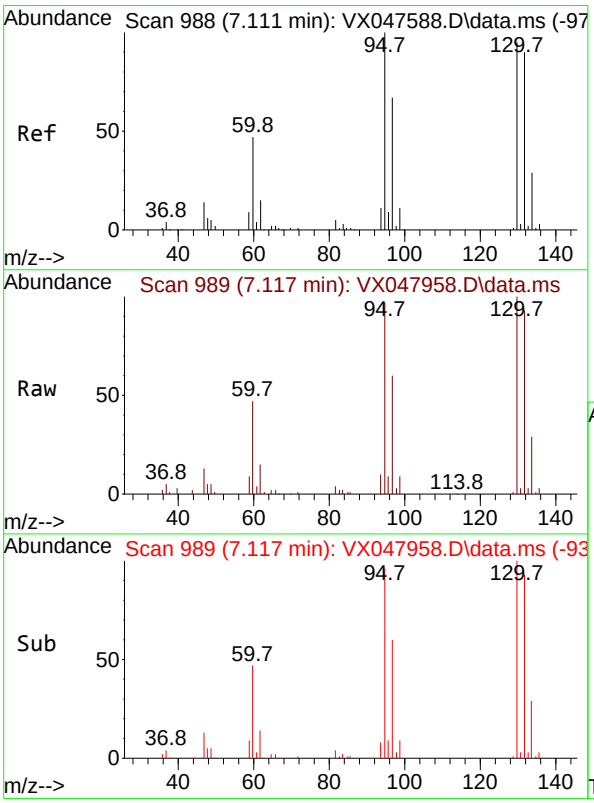
Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.2	22.8
87	12.0	9.6	14.4

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

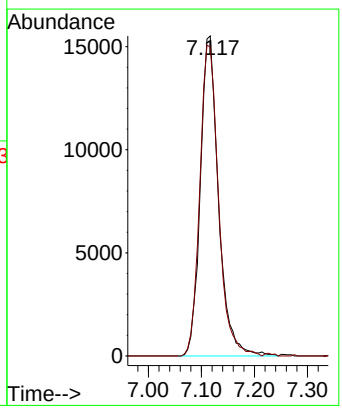


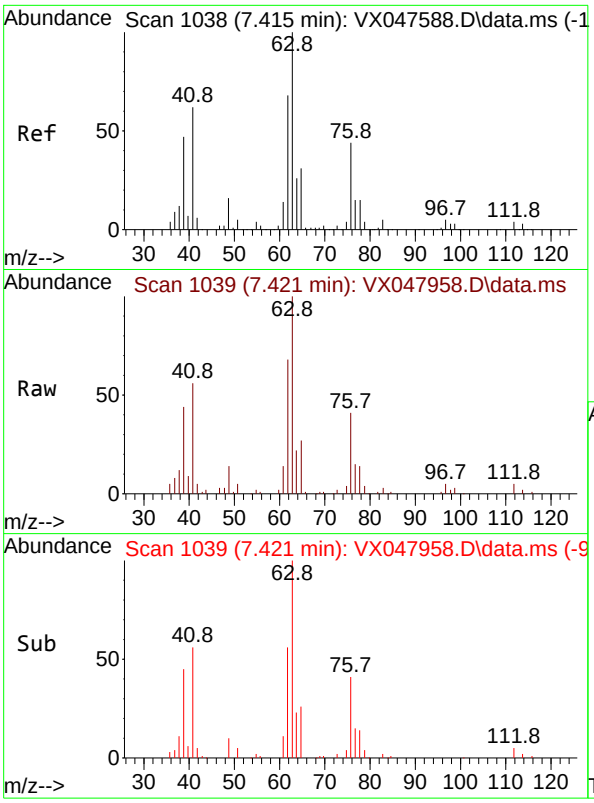


#44
Trichloroethene
Concen: 19.927 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:130 Resp: 36963

Ion	Ratio	Lower	Upper
130	100		
95	105.5	0.0	210.8

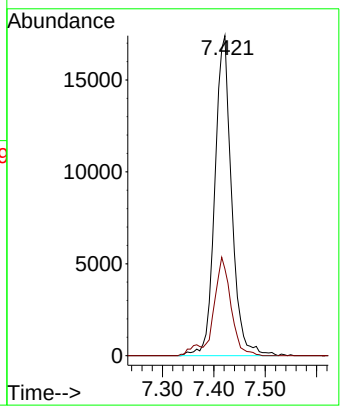




#45
1,2-Dichloropropane
Concen: 20.105 ug/l
RT: 7.421 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 63 Resp: 3949

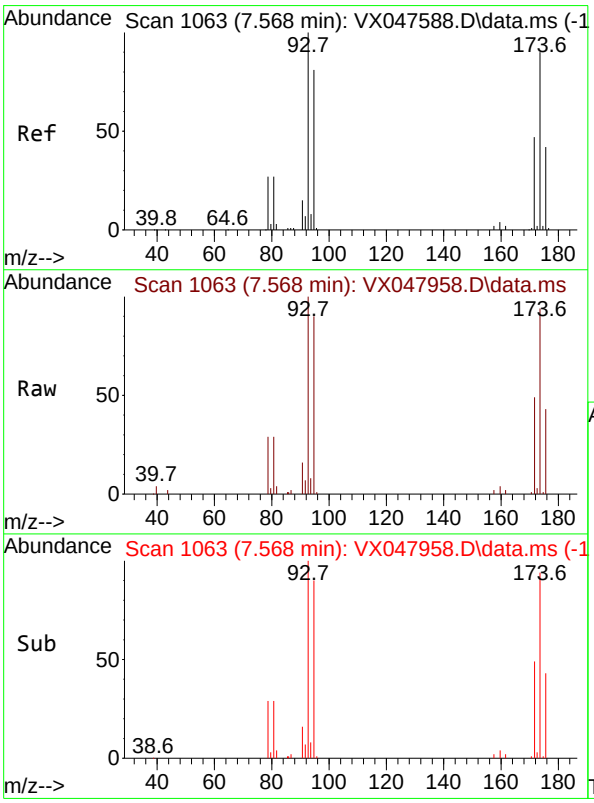
Ion	Ratio	Lower	Upper
63	100		
65	27.1	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

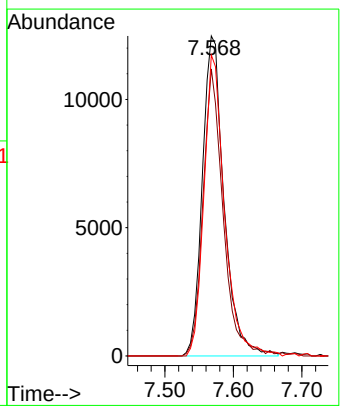
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

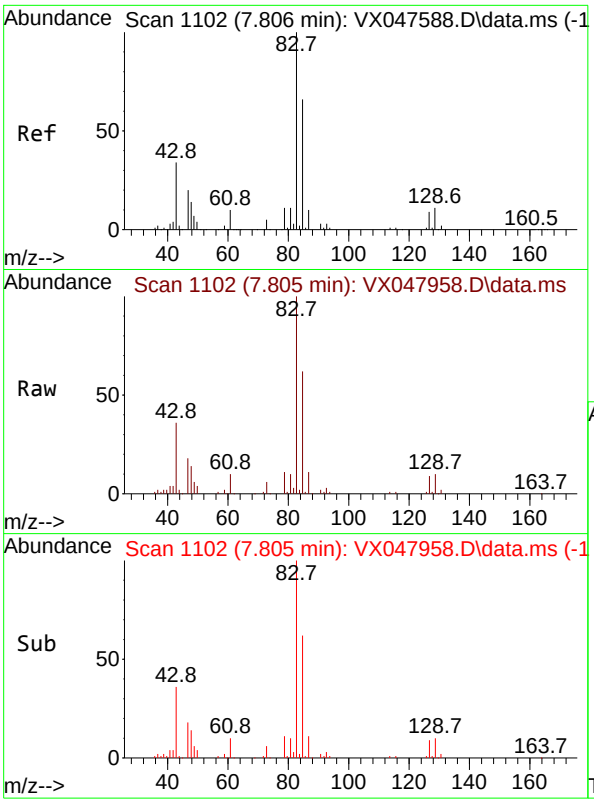


#46
Dibromomethane
Concen: 19.219 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 93 Resp: 27477

Ion	Ratio	Lower	Upper
93	100		
95	84.0	65.0	97.6
174	89.7	71.6	107.4

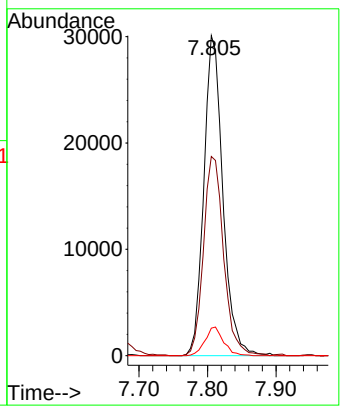




#47
Bromodichloromethane
Concen: 19.753 ug/l
RT: 7.805 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 83 Resp: 5827

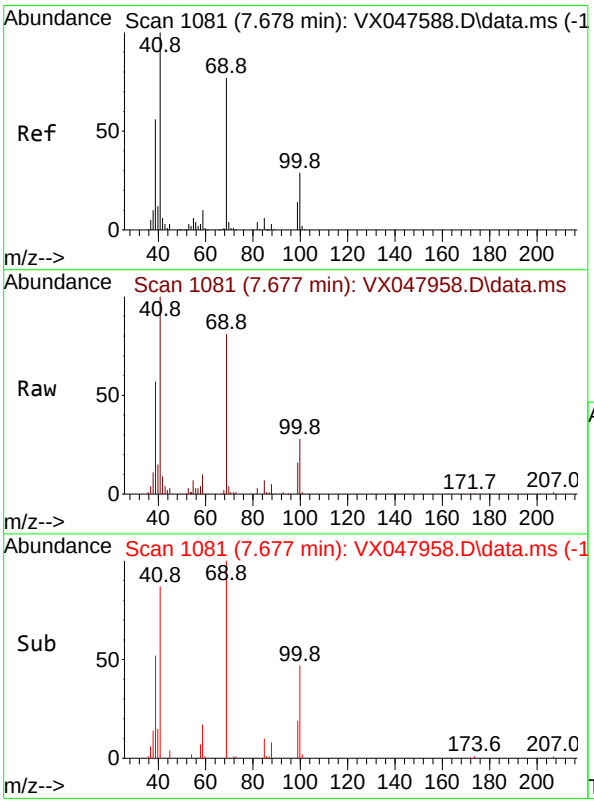
Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.5	78.7
127	8.6	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

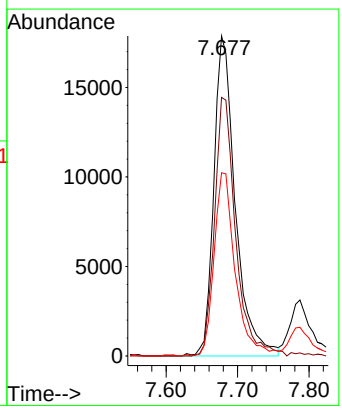
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

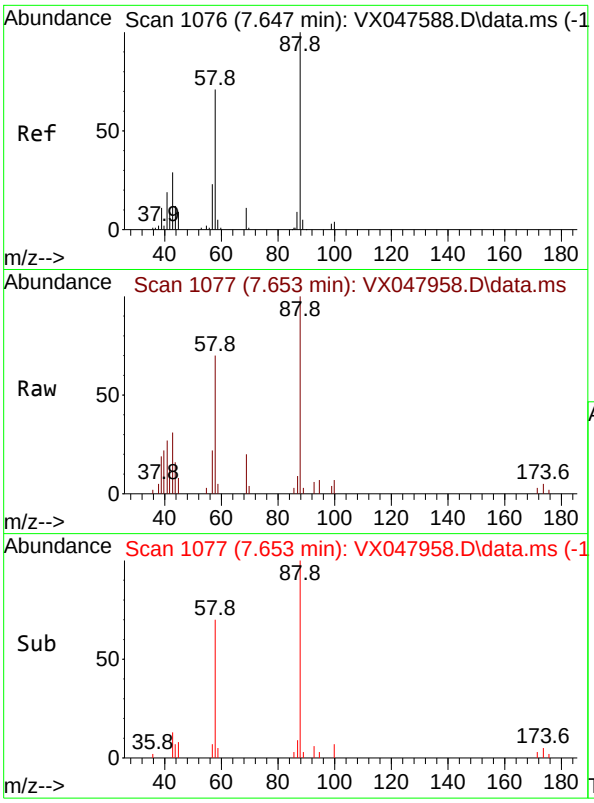


#48
Methyl methacrylate
Concen: 16.892 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 41 Resp: 37325

Ion	Ratio	Lower	Upper
41	100		
69	79.3	61.4	92.2
39	56.6	45.8	68.6

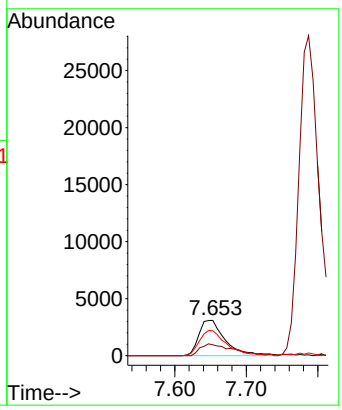




#49
1,4-Dioxane
Concen: 354.762 ug/l
RT: 7.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 88 Resp: 792

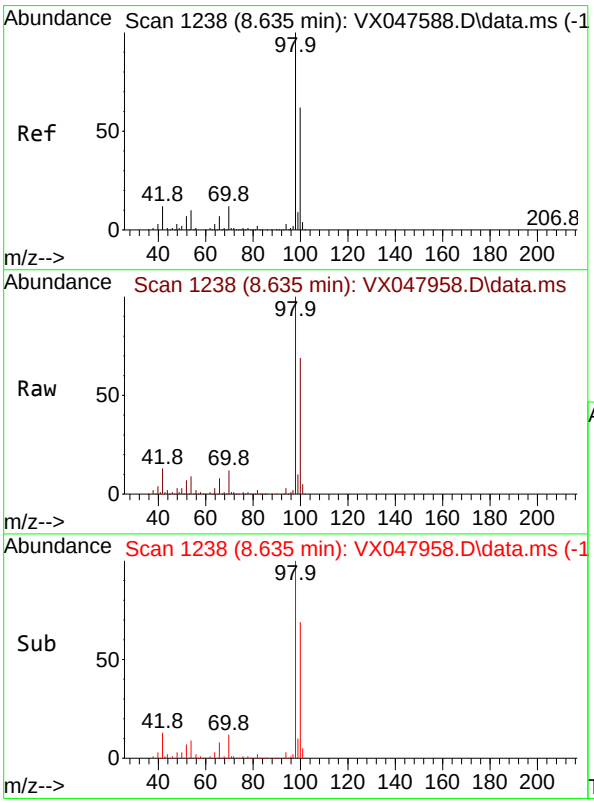
Ion	Ratio	Lower	Upper
88	100		
43	41.8	30.2	45.2
58	73.7	59.5	89.3



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

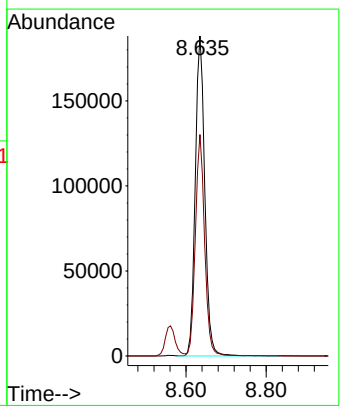
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

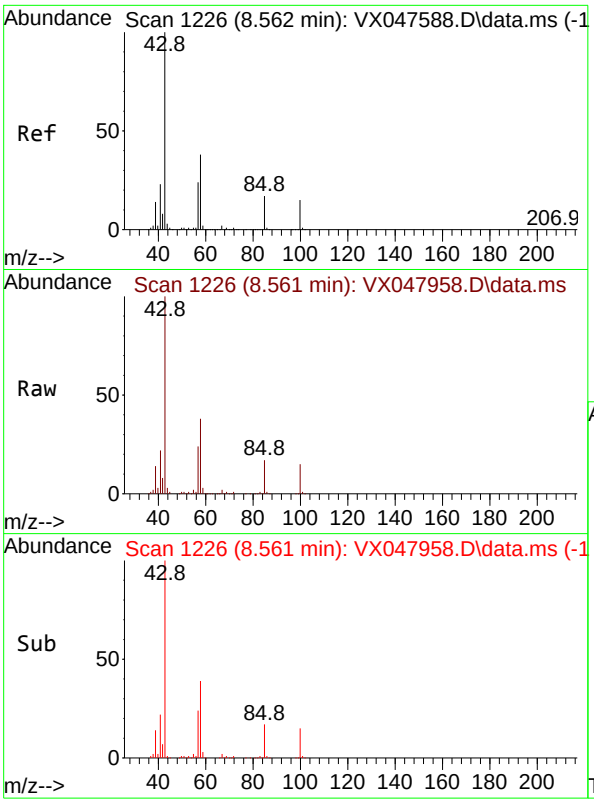


#50
Toluene-d8
Concen: 51.781 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 98 Resp: 309747

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.0	79.4

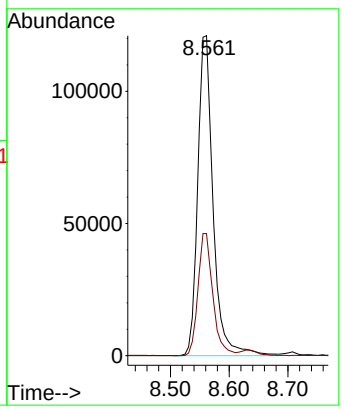




#51
4-Methyl-2-Pentanone
Concen: 89.414 ug/l
RT: 8.561 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 43 Resp: 21991

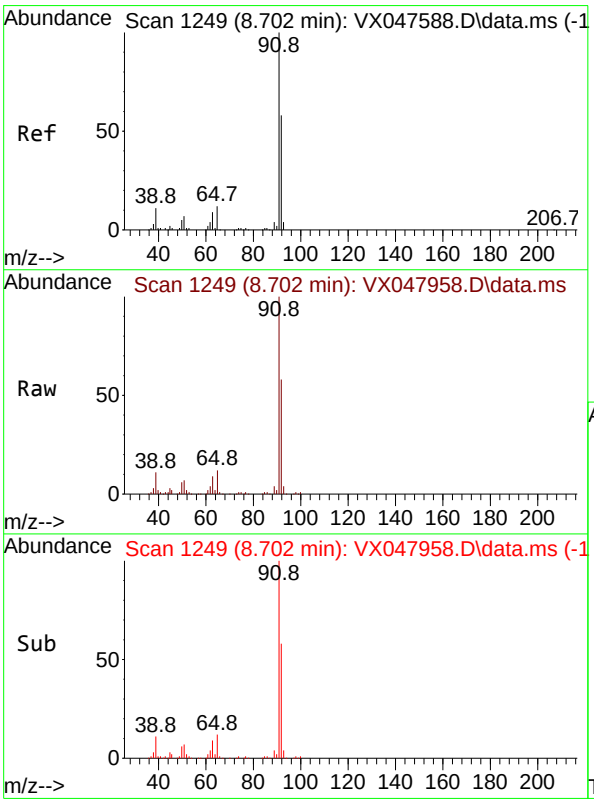
Ion	Ratio	Lower	Upper
43	100		
58	36.8	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

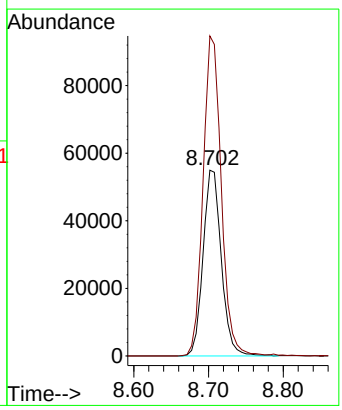
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

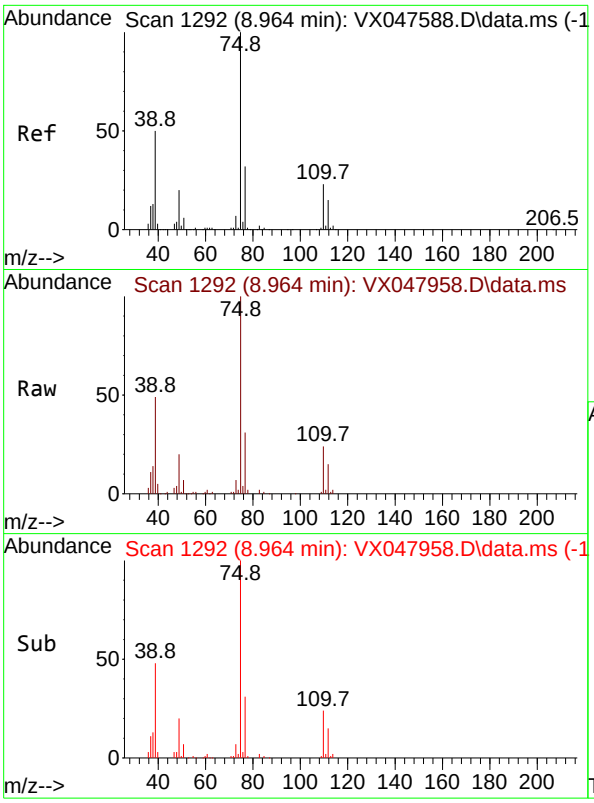


#52
Toluene
Concen: 19.721 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 92 Resp: 93220

Ion	Ratio	Lower	Upper
92	100		
91	171.7	137.1	205.7

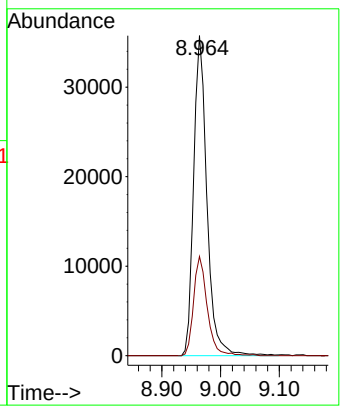




#53
t-1,3-Dichloropropene
Concen: 18.690 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 75 Resp: 5624

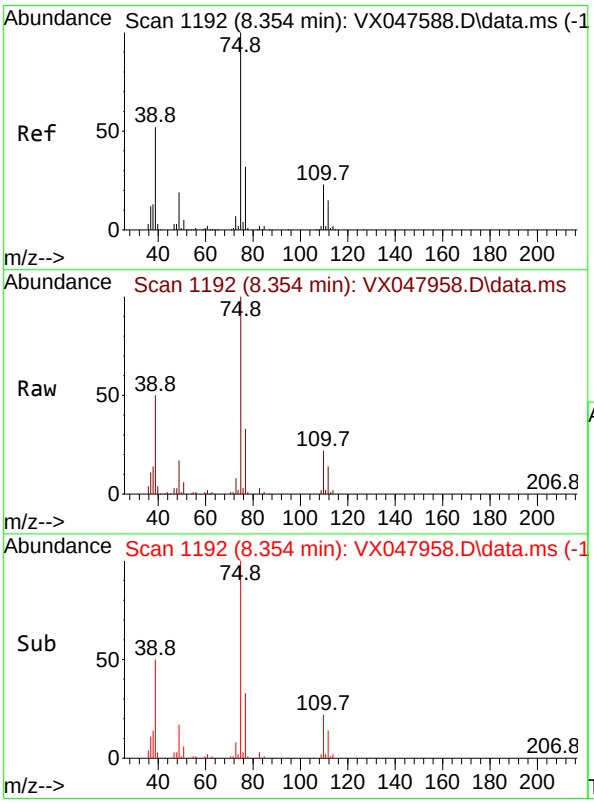
Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

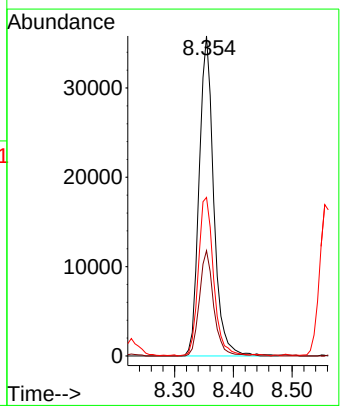
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

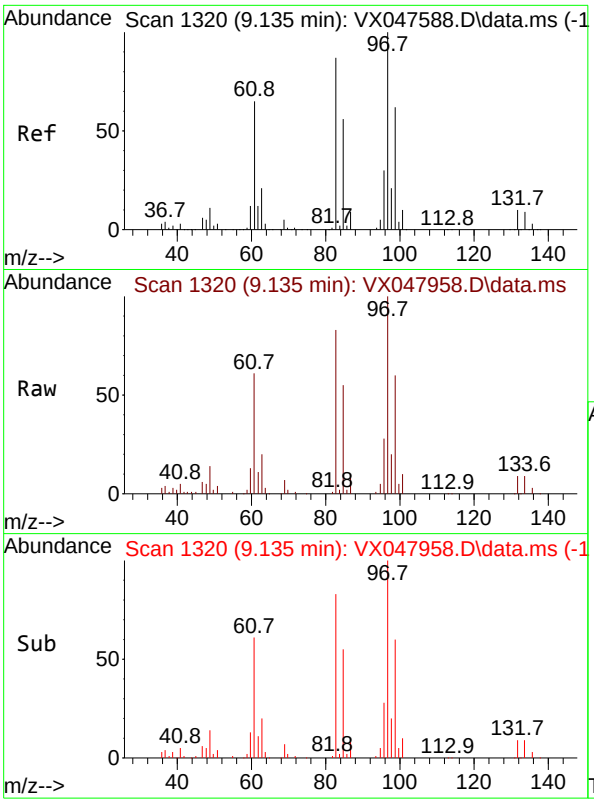


#54
cis-1,3-Dichloropropene
Concen: 19.231 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 75 Resp: 61854

Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.8	38.6
39	49.6	41.4	62.2

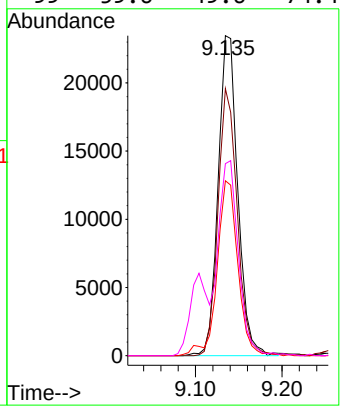




#55
1,1,2-Trichloroethane
Concen: 20.269 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 97 Resp: 3694

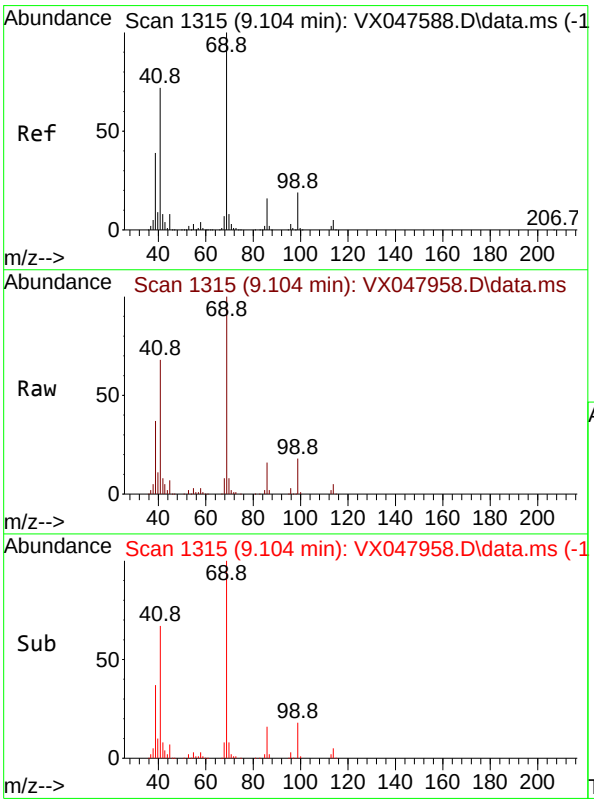
Ion	Ratio	Lower	Upper
97	100		
83	83.4	69.6	104.4
85	54.2	45.0	67.6
99	59.6	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

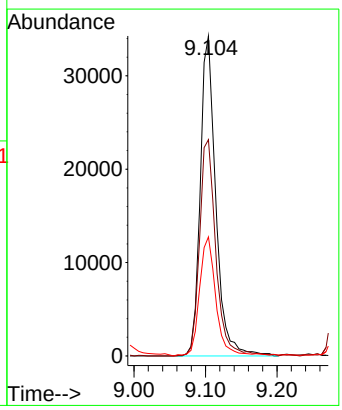
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

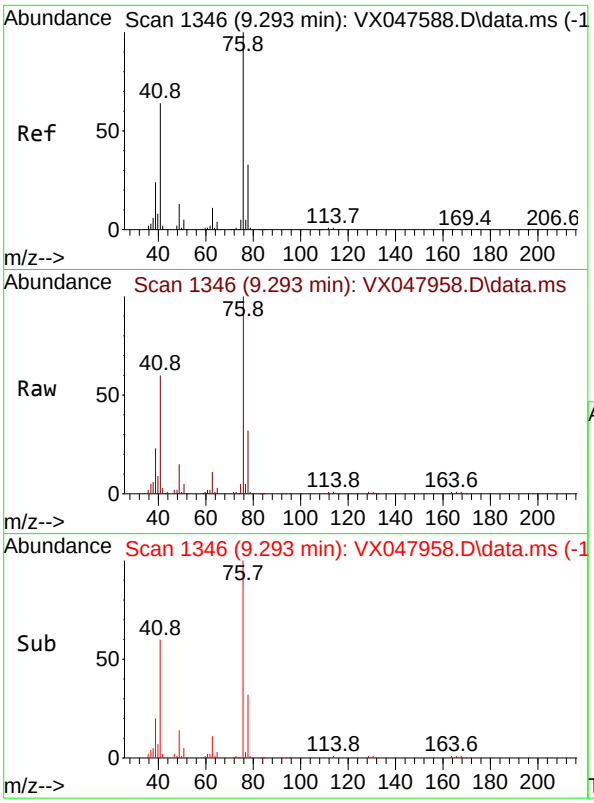


#56
Ethyl methacrylate
Concen: 18.082 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 69 Resp: 51760

Ion	Ratio	Lower	Upper
69	100		
41	71.6	58.6	87.8
39	39.4	31.5	47.3





#57
1,3-Dichloropropane
Concen: 19.950 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

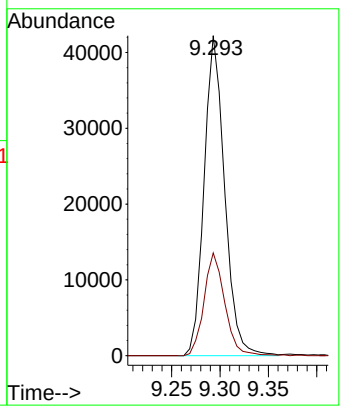
Tgt Ion: 76 Resp: 6246

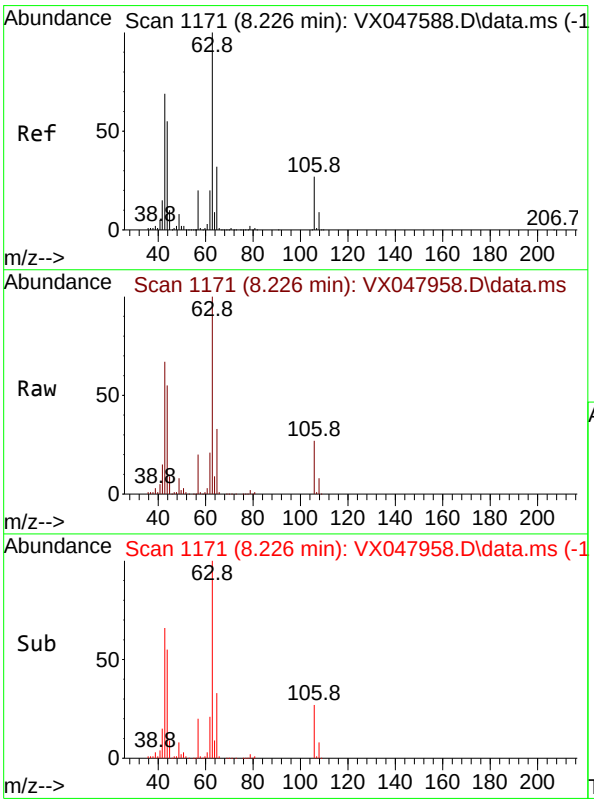
Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.2	39.4

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

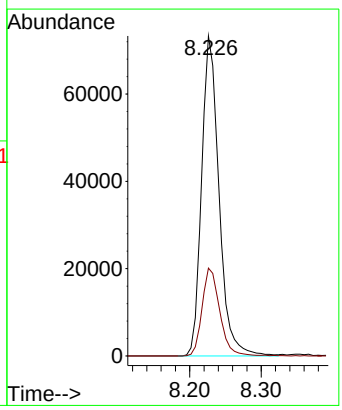


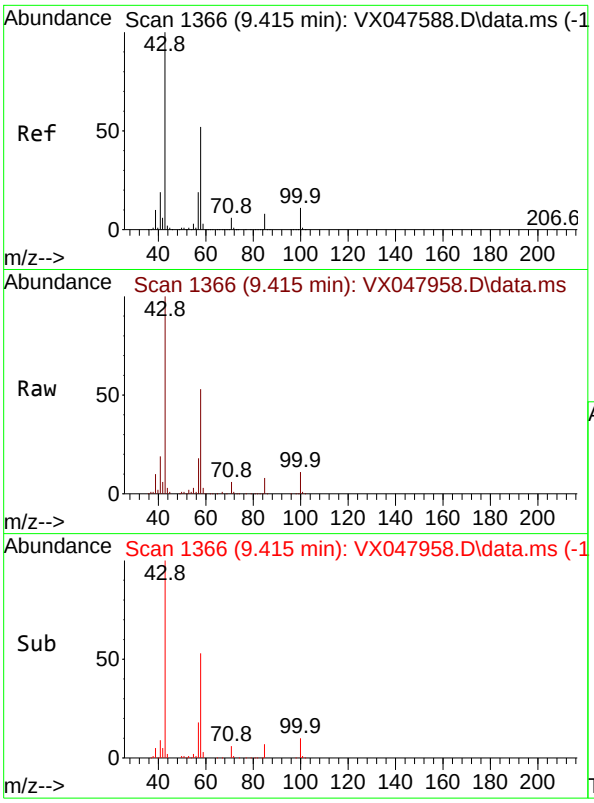


#58
2-Chloroethyl Vinyl ether
Concen: 97.834 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 63 Resp: 124044

Ion	Ratio	Lower	Upper
63	100		
106	27.9	21.9	32.9





#59
2-Hexanone
Concen: 84.974 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

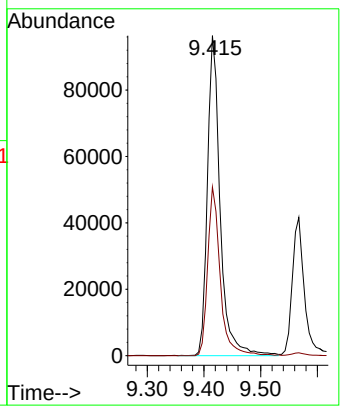
Tgt Ion: 43 Resp: 15010

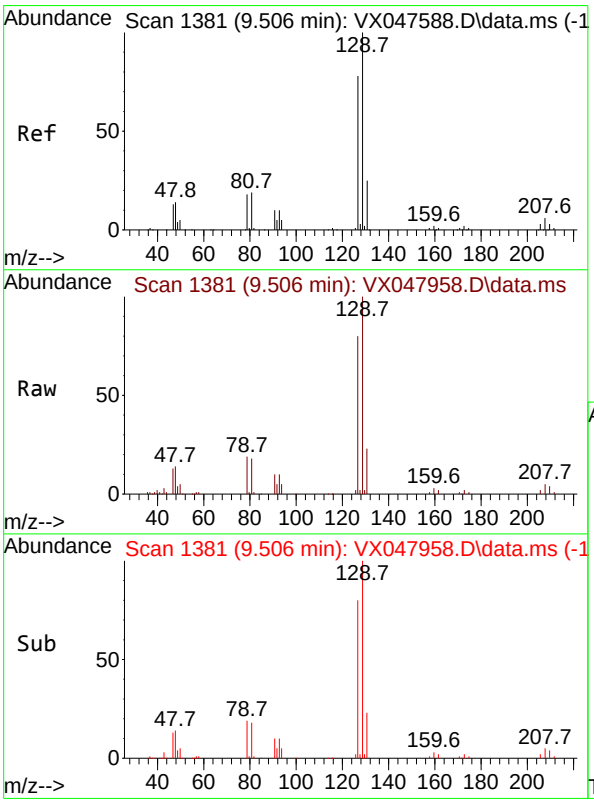
Ion	Ratio	Lower	Upper
43	100		
58	52.1	26.1	78.2

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

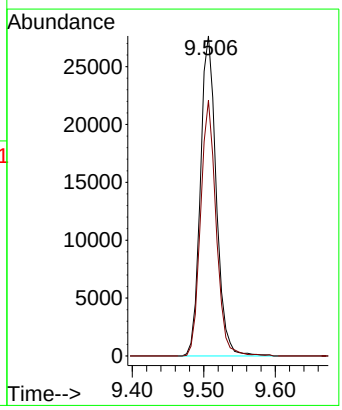


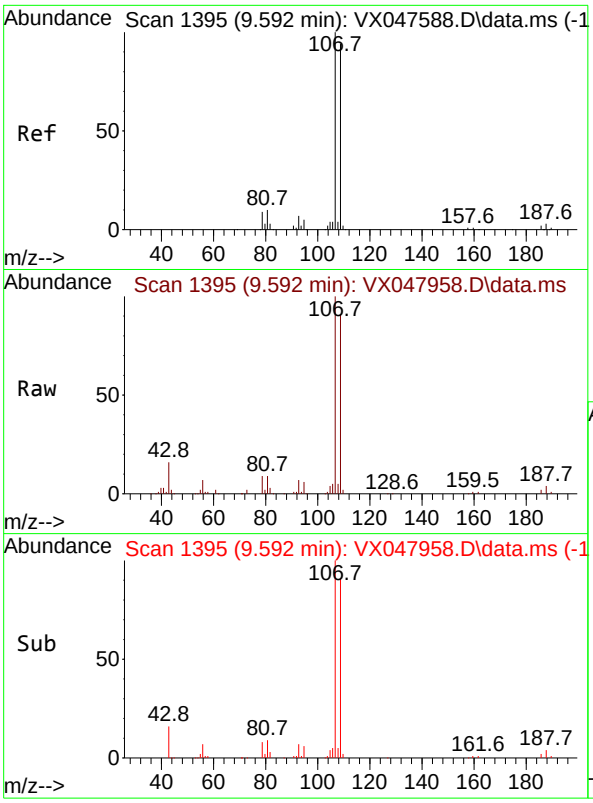


#60
Dibromochloromethane
Concen: 20.284 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:129 Resp: 42599

Ion	Ratio	Lower	Upper
129	100		
127	78.4	38.4	115.2

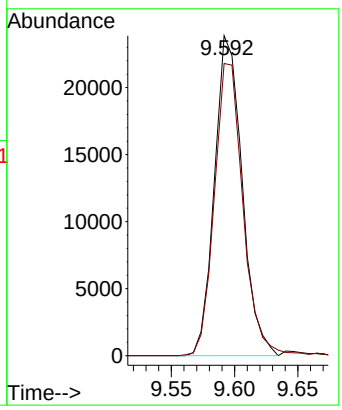




#61
1,2-Dibromoethane
Concen: 19.506 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:107 Resp: 3621

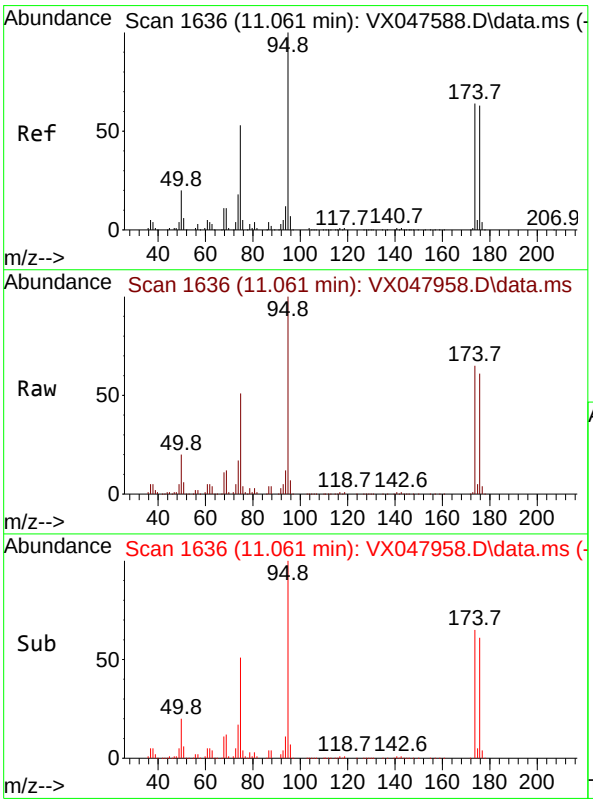
Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

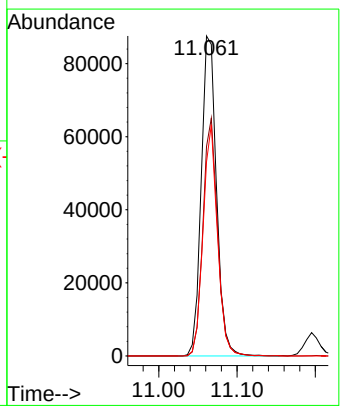
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

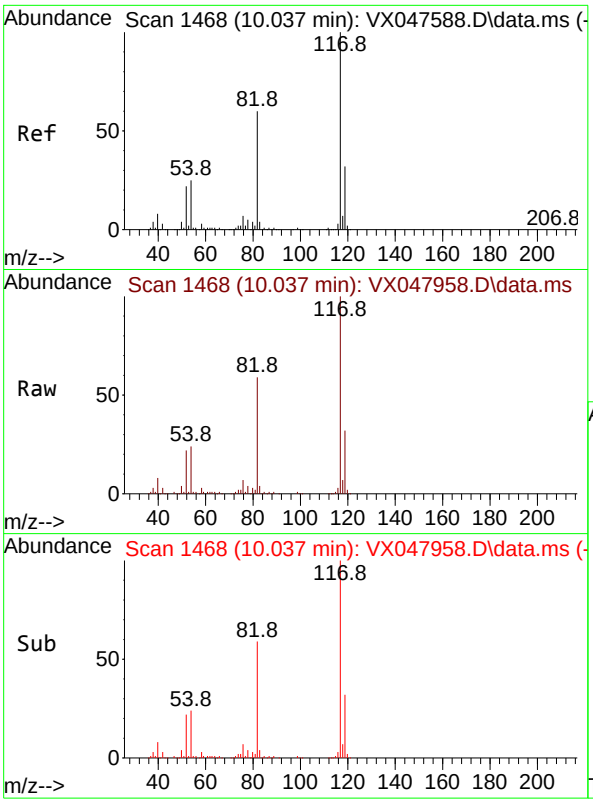


#62
4-Bromofluorobenzene
Concen: 52.060 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 95 Resp: 118188

Ion	Ratio	Lower	Upper
95	100		
174	71.3	0.0	141.6
176	68.3	0.0	138.4

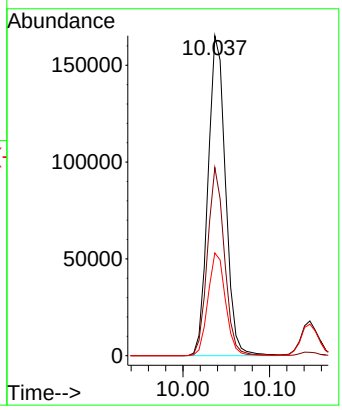




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:117 Resp: 23146

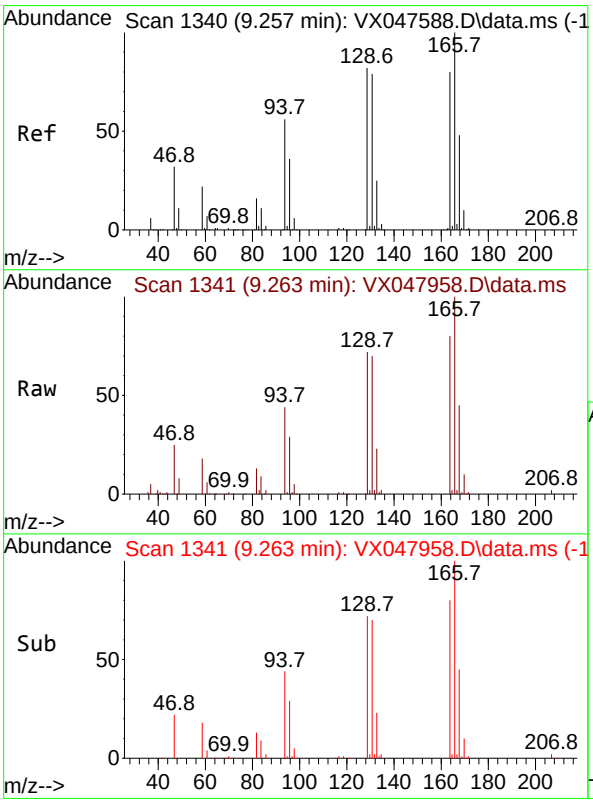
Ion	Ratio	Lower	Upper
117	100		
82	58.8	47.8	71.6
119	32.1	25.2	37.8



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

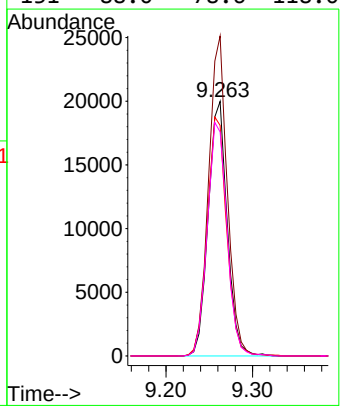
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

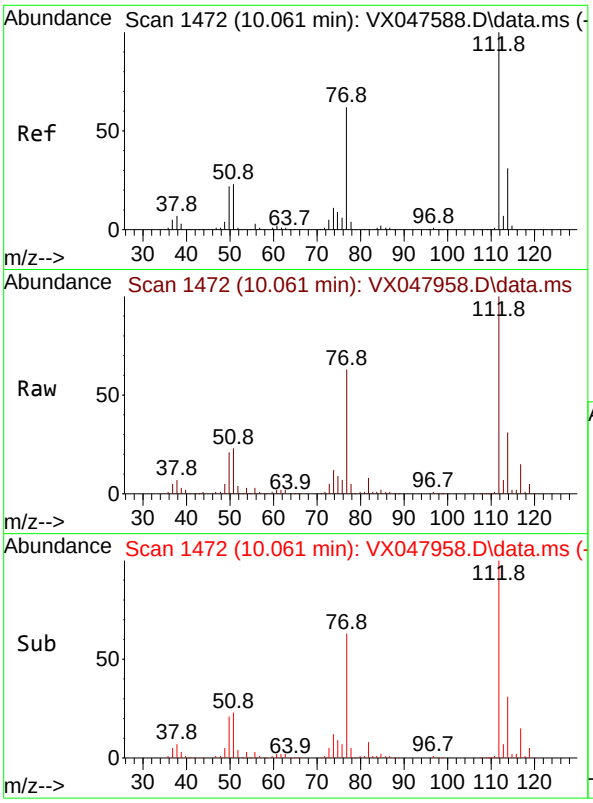


#64
Tetrachloroethene
Concen: 20.139 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:164 Resp: 30388

Ion	Ratio	Lower	Upper
164	100		
166	125.7	100.2	150.2
129	90.6	81.8	122.6
131	88.0	78.6	118.0

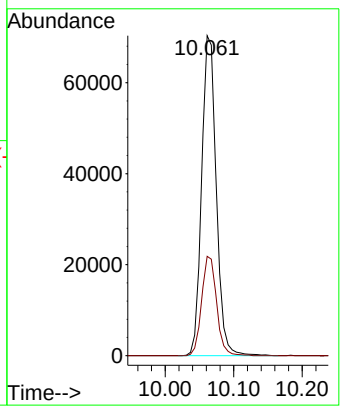




#65
Chlorobenzene
Concen: 19.837 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:112 Resp: 10431

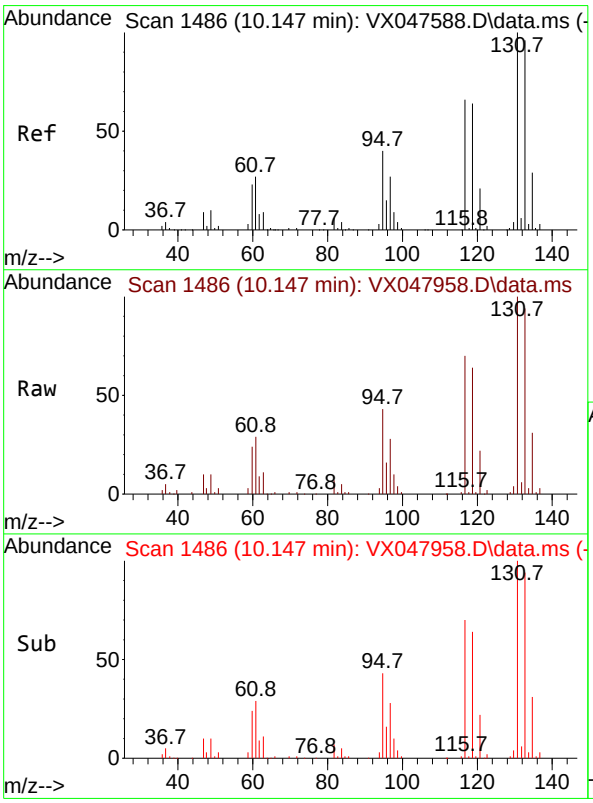
Ion	Ratio	Lower	Upper
112	100		
114	31.0	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
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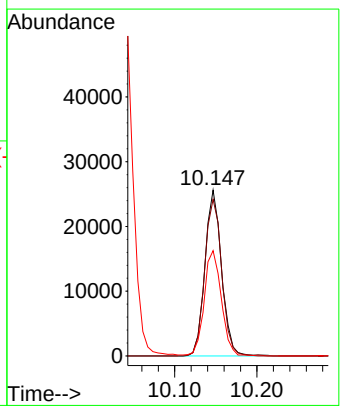
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

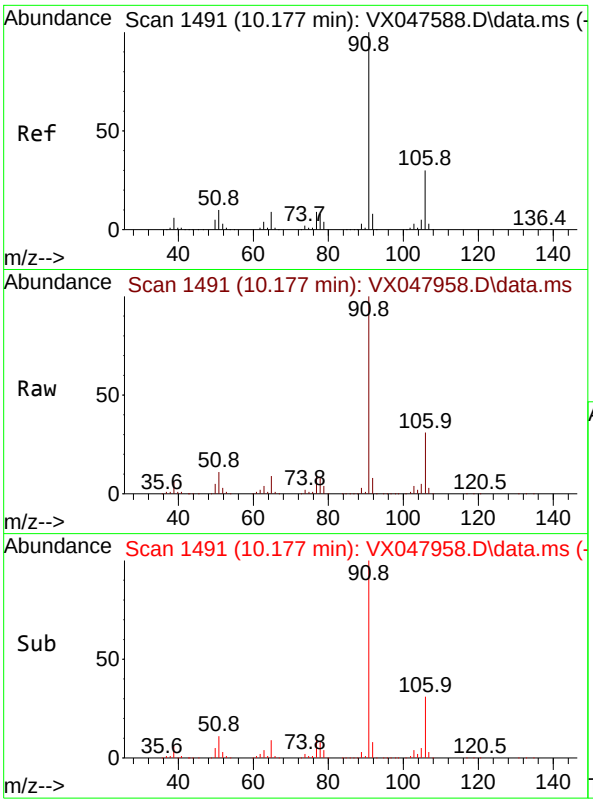


#66
1,1,1,2-Tetrachloroethane
Concen: 19.805 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:131 Resp: 35936

Ion	Ratio	Lower	Upper
131	100		
133	97.1	47.3	142.0
119	65.7	32.0	96.0

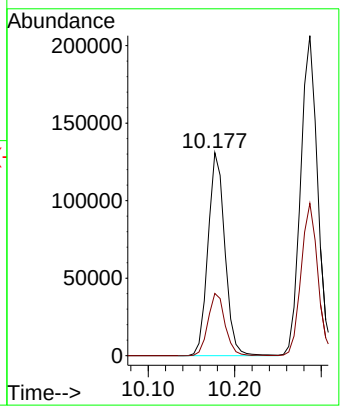




#67
Ethyl Benzene
Concen: 19.497 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 91 Resp: 17689

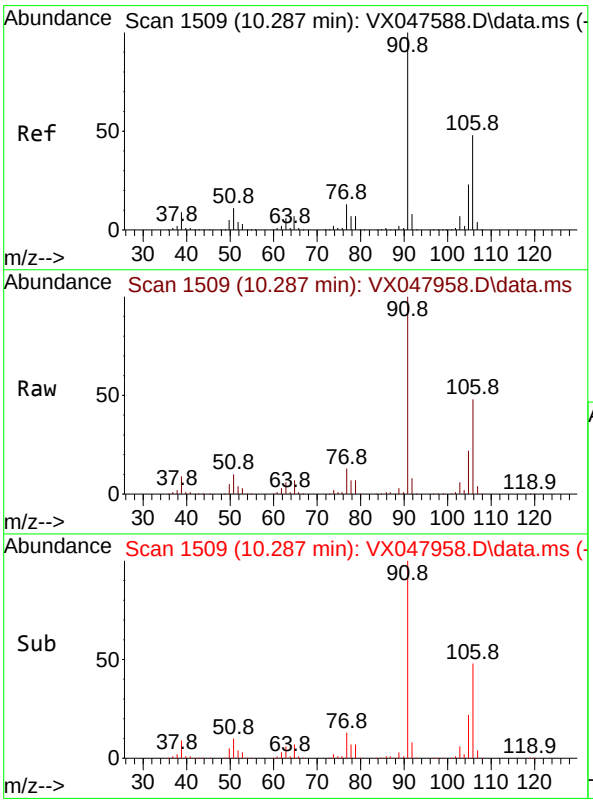
Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.3	36.5



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

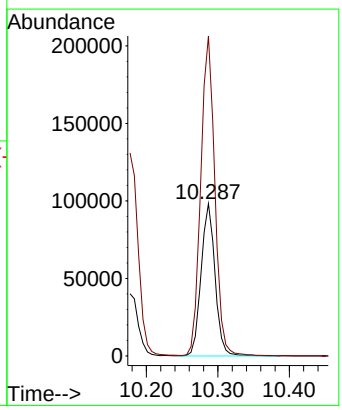
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

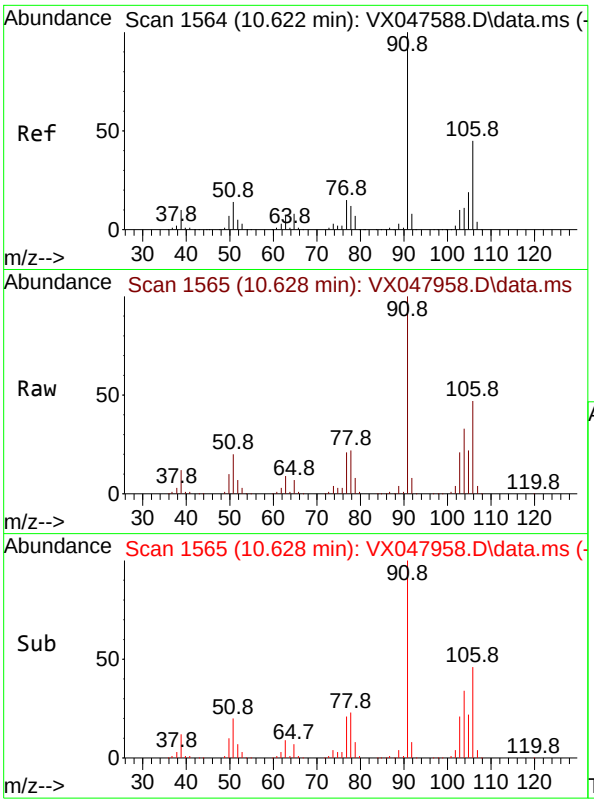


#68
m/p-Xylenes
Concen: 39.361 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:106 Resp: 132924

Ion	Ratio	Lower	Upper
106	100		
91	212.8	167.8	251.8

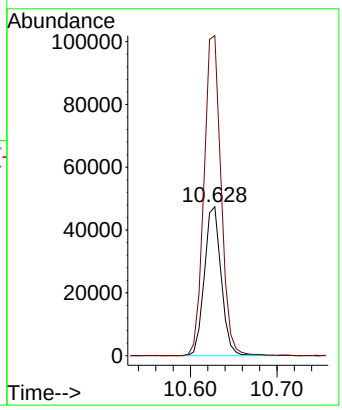




#69
o-Xylene
Concen: 19.549 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:106 Resp: 6385

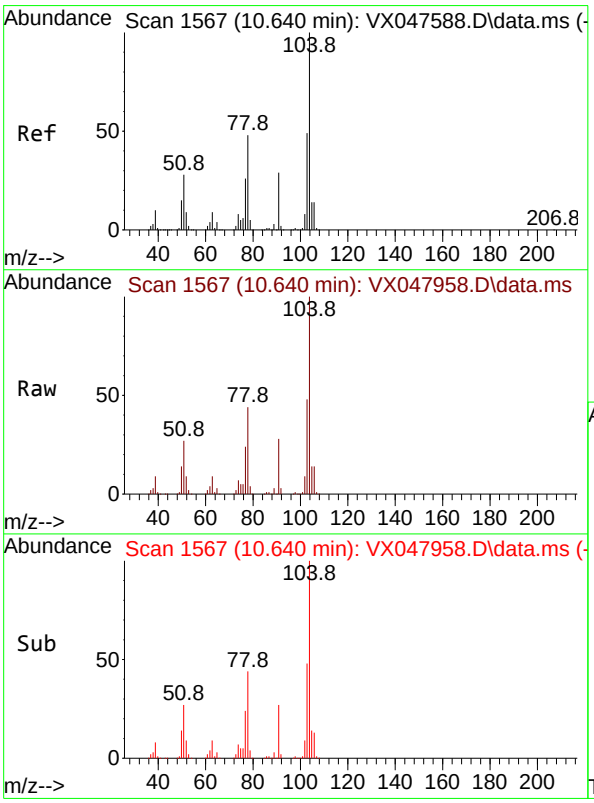
Ion	Ratio	Lower	Upper
106	100		
91	219.1	111.1	333.4



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

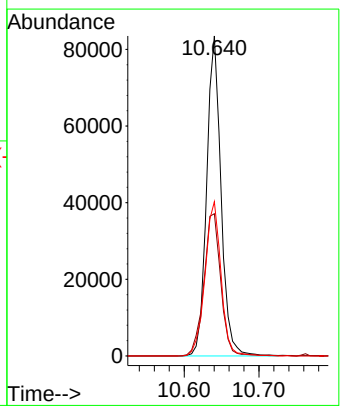
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

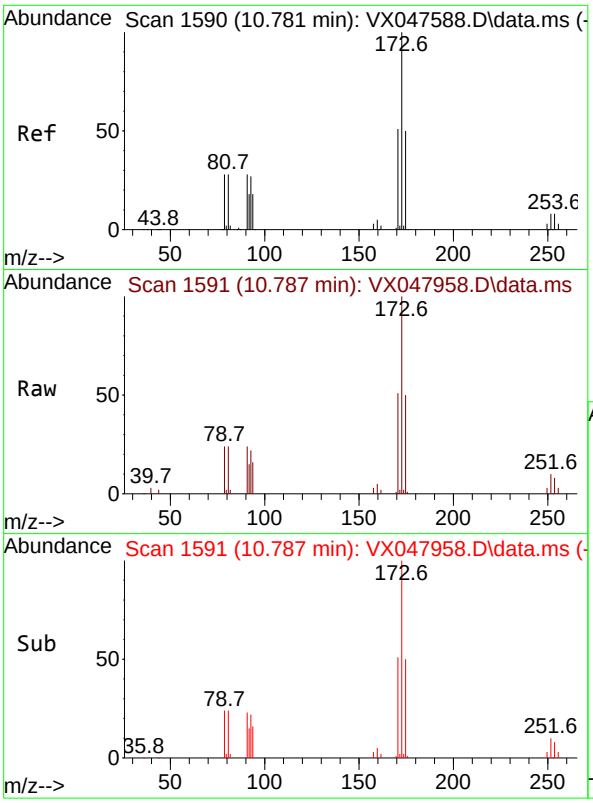


#70
Styrene
Concen: 19.489 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:104 Resp: 111545

Ion	Ratio	Lower	Upper
104	100		
78	52.6	43.1	64.7
103	53.7	43.1	64.7

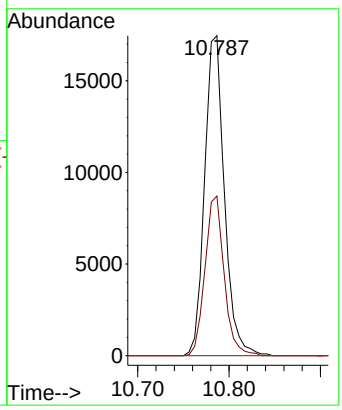




#71
Bromoform
Concen: 19.312 ug/l
RT: 10.787 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:173 Resp: 2616

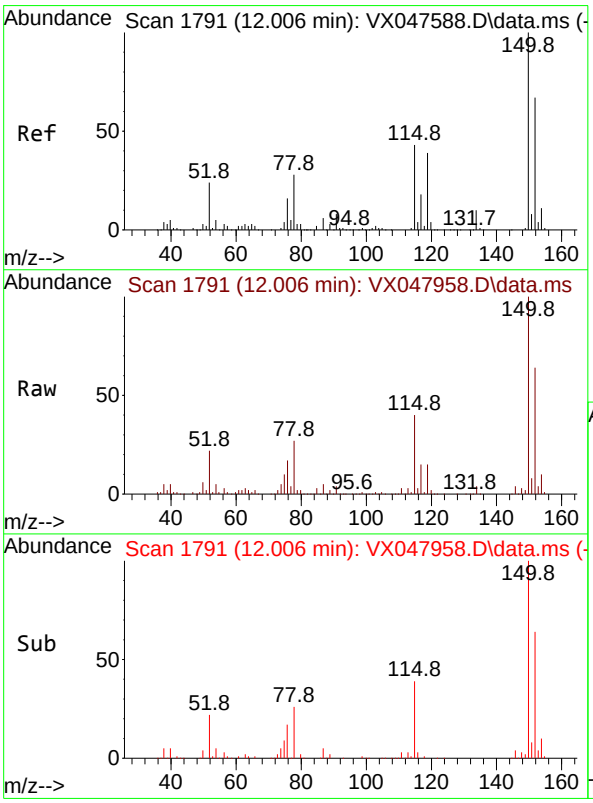
Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.9	74.6
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

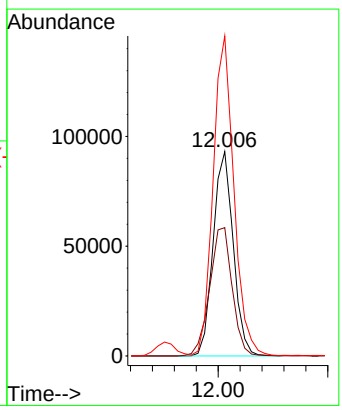
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

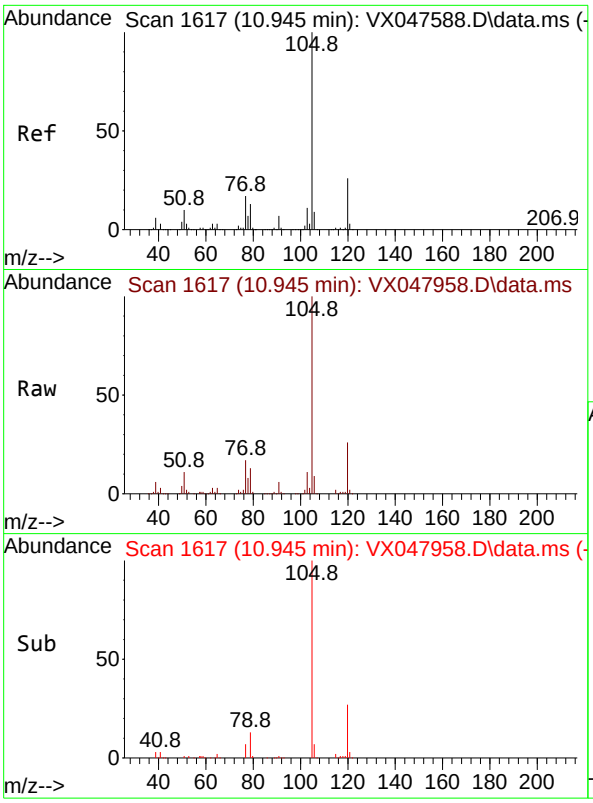


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:152 Resp: 118503

Ion	Ratio	Lower	Upper
152	100		
115	70.4	44.9	134.5
150	162.3	0.0	352.0

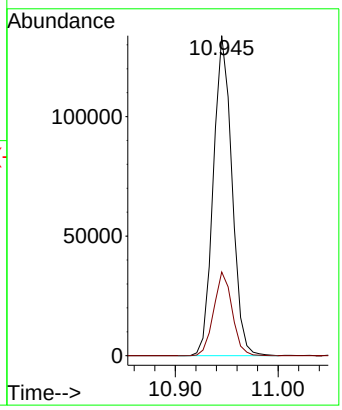




#73
Isopropylbenzene
Concen: 18.677 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:105 Resp: 16826

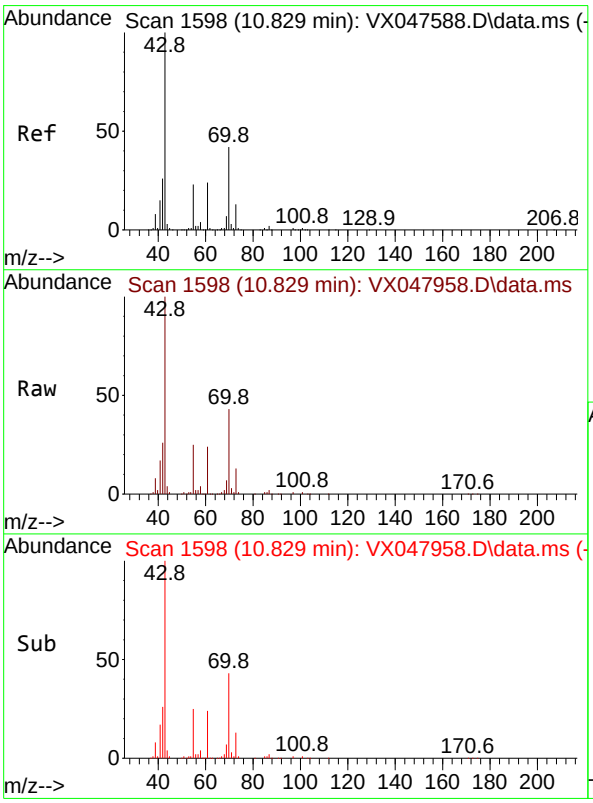
Ion	Ratio	Lower	Upper
105	100		
120	25.8	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

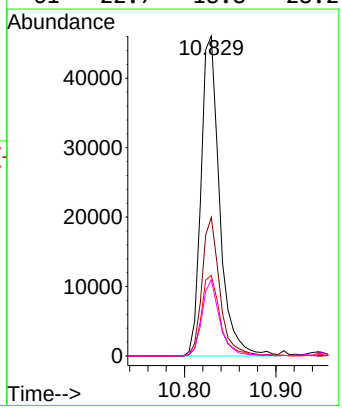
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

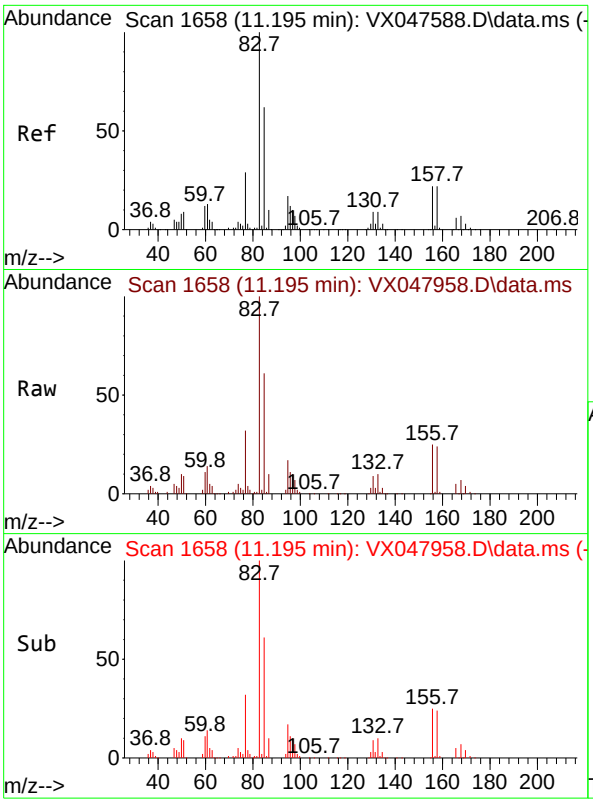


#74
N-amyl acetate
Concen: 15.899 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 43 Resp: 65321

Ion	Ratio	Lower	Upper
43	100		
70	41.5	32.0	48.0
55	25.5	18.9	28.3
61	22.7	18.8	28.2

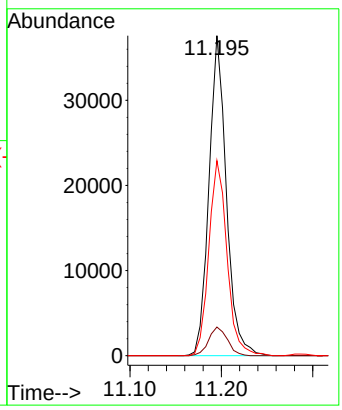




#75
1,1,2,2-Tetrachloroethane
Concen: 18.195 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 83 Resp: 4959

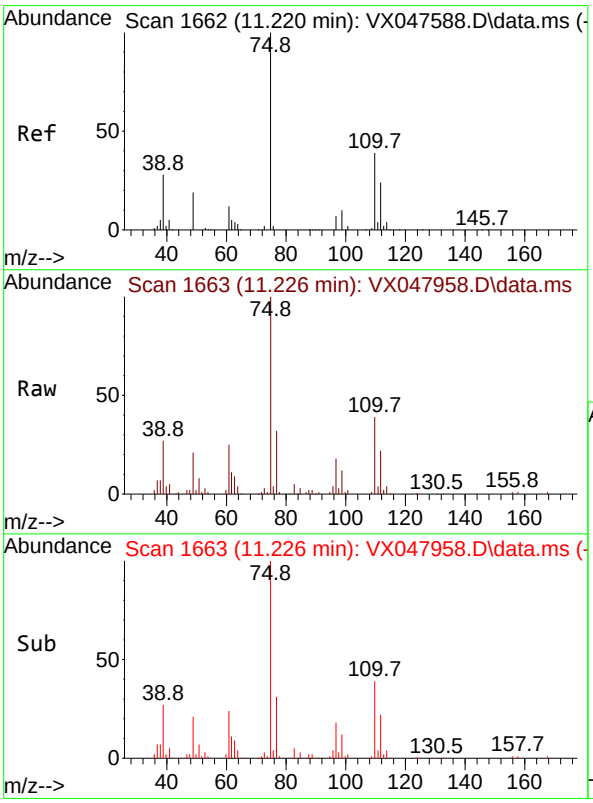
Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.0	14.9
85	63.7	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

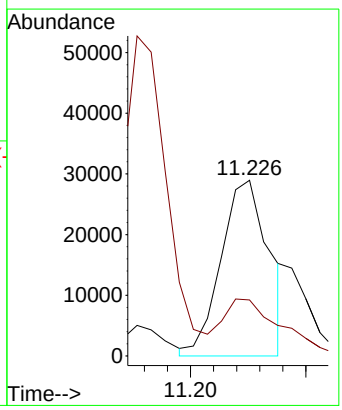
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

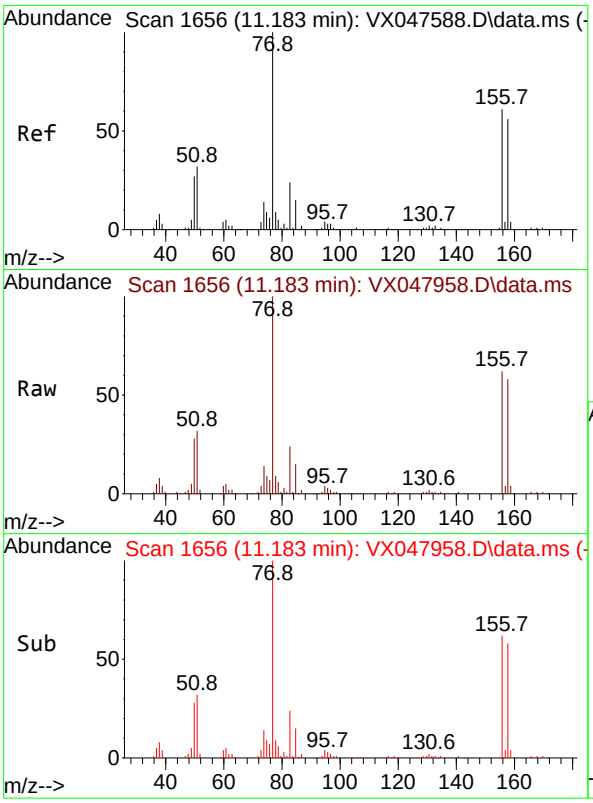


#76
1,2,3-Trichloropropane
Concen: 17.479 ug/l m
RT: 11.226 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 75 Resp: 41937

Ion	Ratio	Lower	Upper
75	100		
77	39.4	18.8	56.4

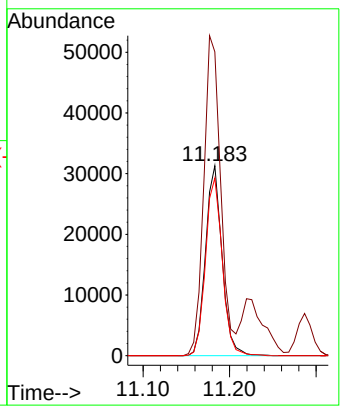




#77
Bromobenzene
Concen: 18.744 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:156 Resp: 4159

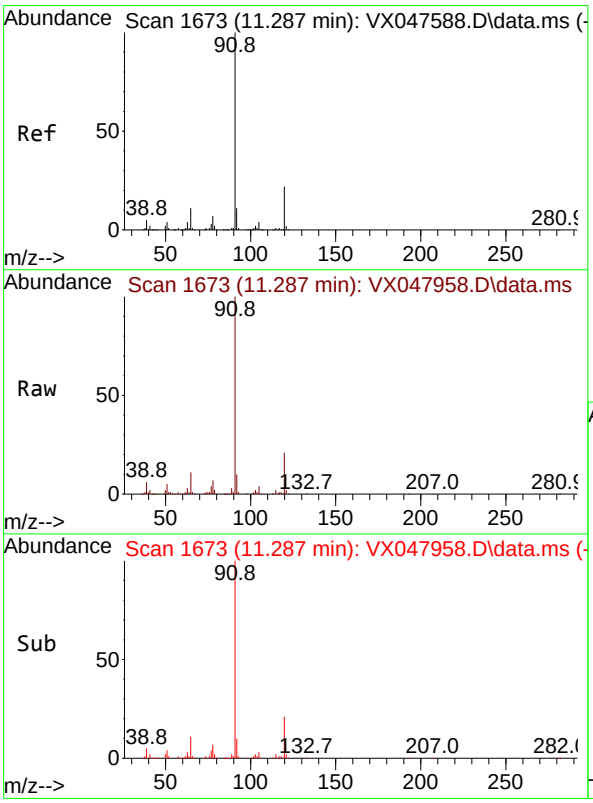
Ion	Ratio	Lower	Upper
156	100		
77	172.8	89.7	269.1
158	94.8	47.9	143.6



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

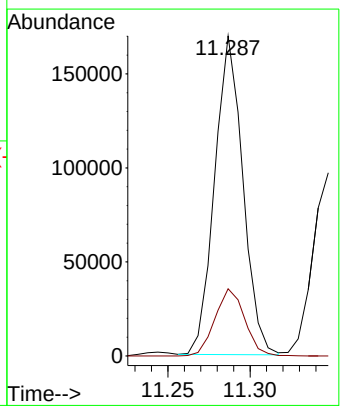
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

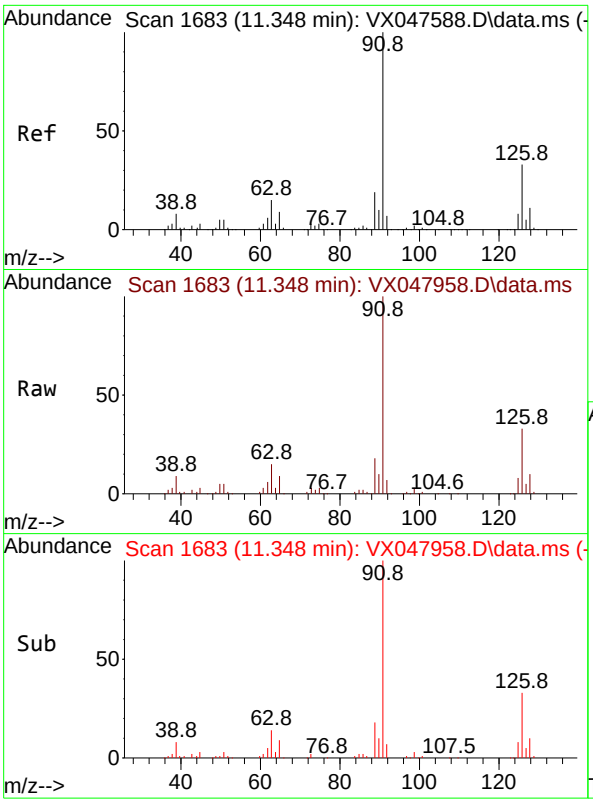


#78
n-propylbenzene
Concen: 18.979 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 91 Resp: 202133

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.1	33.1





#79
2-Chlorotoluene
Concen: 18.779 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

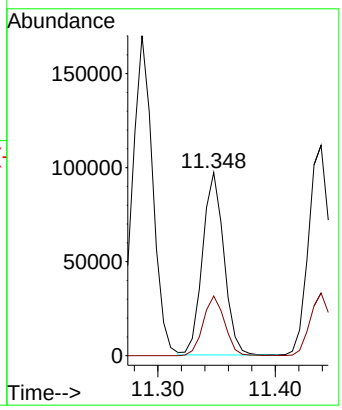
Tgt Ion: 91 Resp: 12249

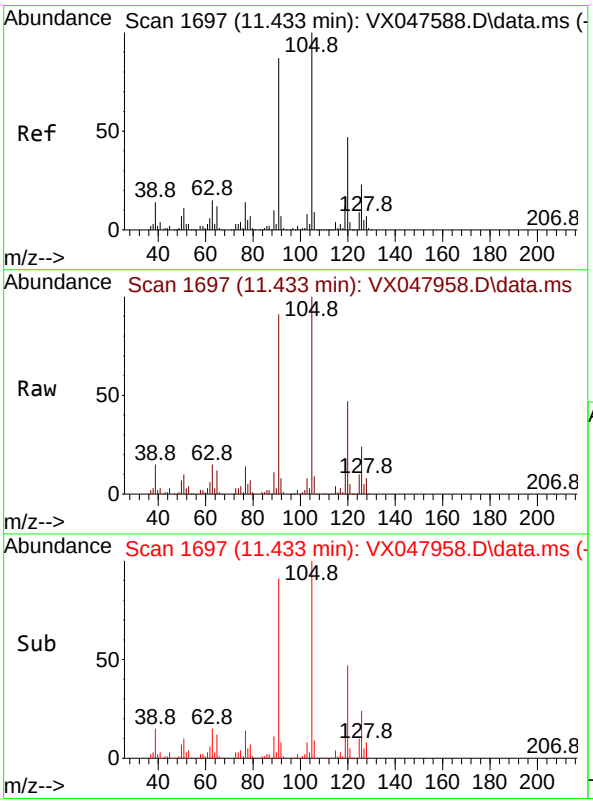
Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.1	48.3

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

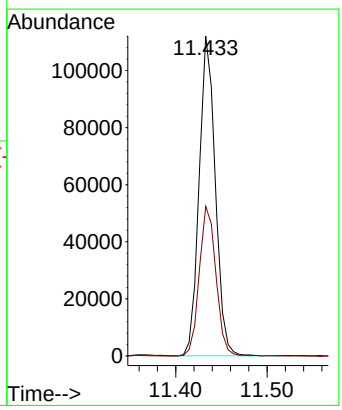


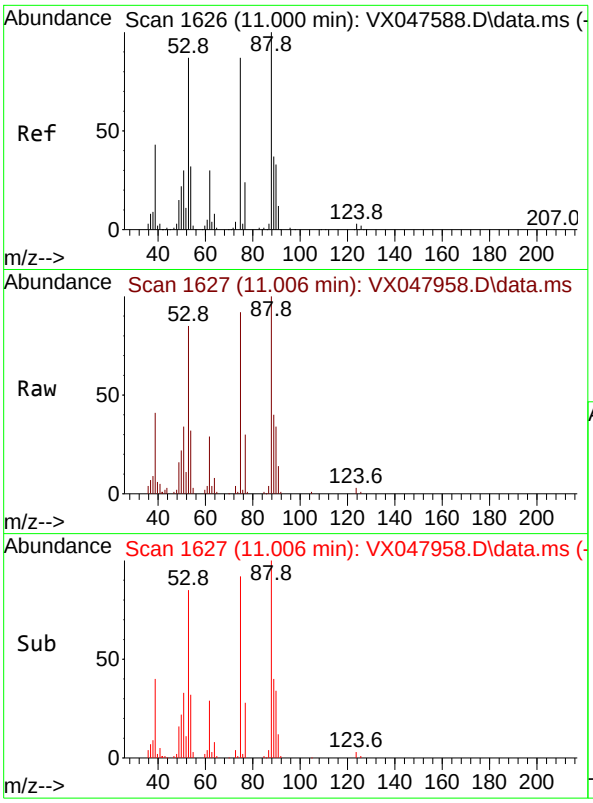


#80
1,3,5-Trimethylbenzene
Concen: 18.582 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:105 Resp: 137546

Ion	Ratio	Lower	Upper
105	100		
120	48.2	23.6	70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 15.312 ug/l
RT: 11.006 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

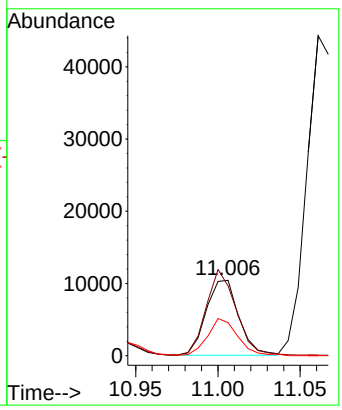
Tgt Ion: 75 Resp: 1440

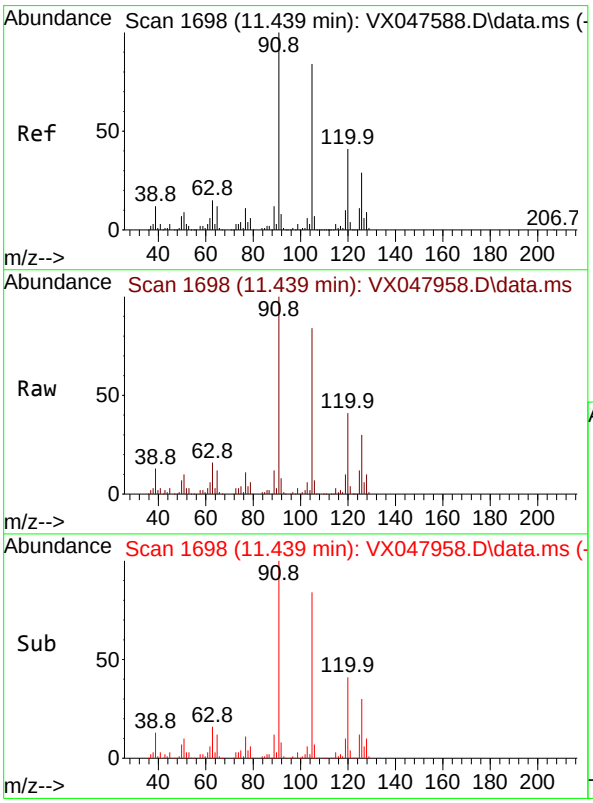
Ion	Ratio	Lower	Upper
75	100		
53	106.6	83.4	125.2
89	45.7	36.3	54.5

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

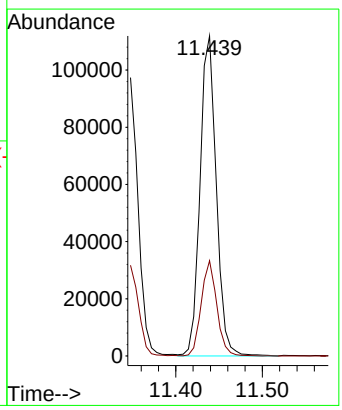


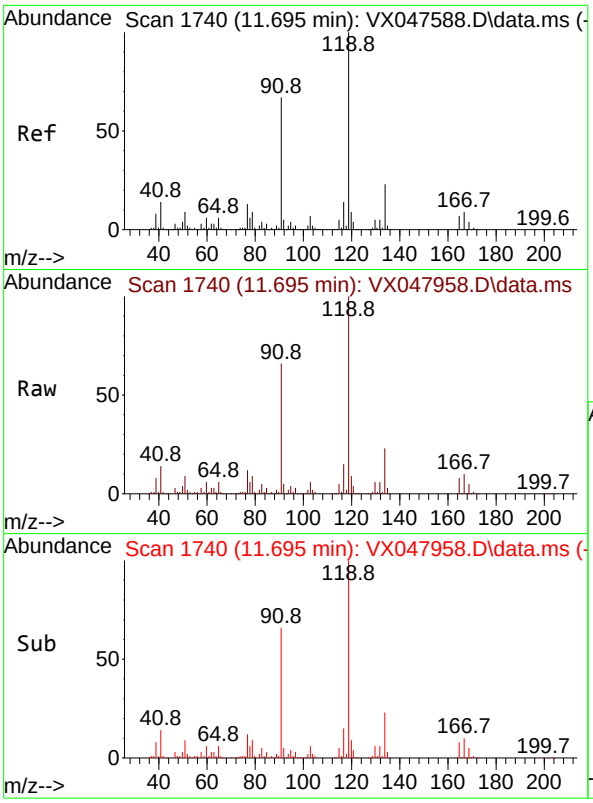


#82
4-Chlorotoluene
Concen: 18.932 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 91 Resp: 145852

Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.2	42.6

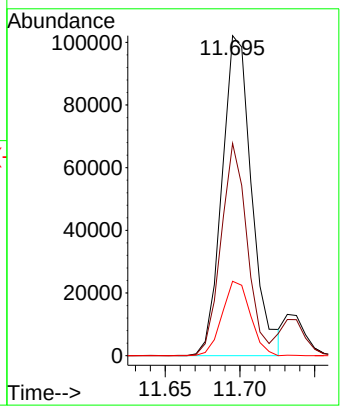




#83
tert-Butylbenzene
Concen: 18.619 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

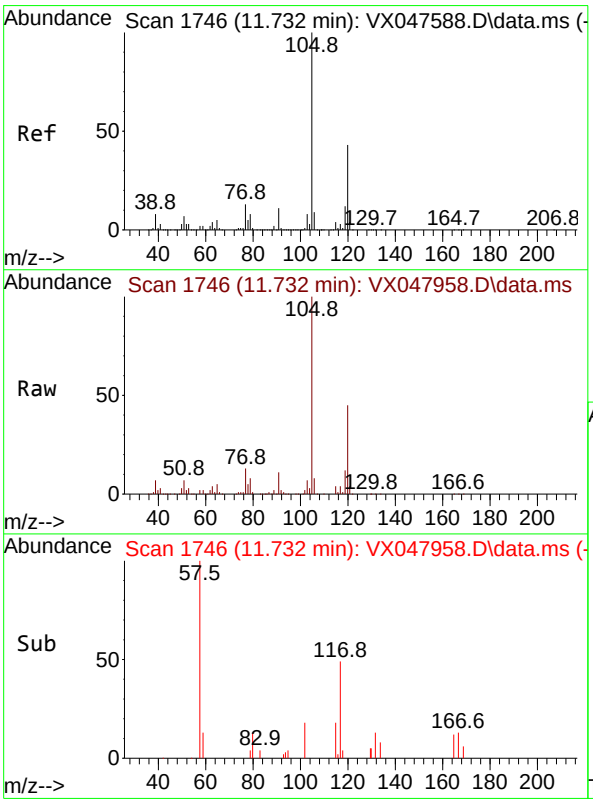
Tgt Ion:119 Resp: 14108

Ion	Ratio	Lower	Upper
119	100		
91	58.4	29.6	88.8
134	22.2	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

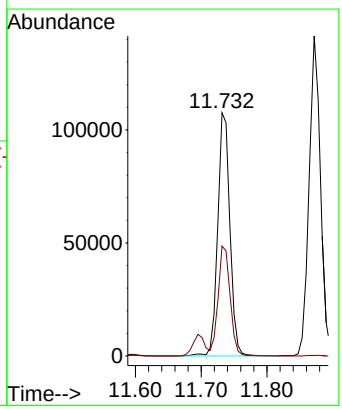
Manual Integrations APPROVED
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

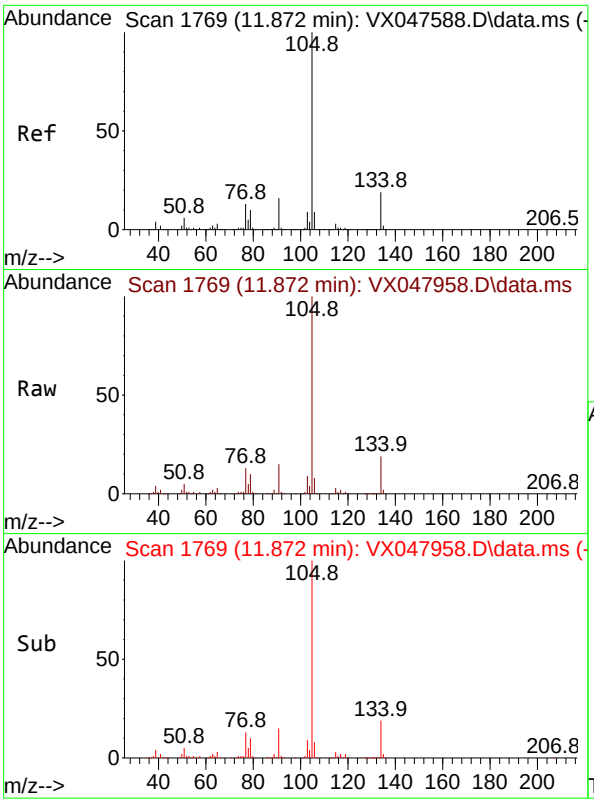


#84
1,2,4-Trimethylbenzene
Concen: 18.473 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:105 Resp: 138632

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	66.1

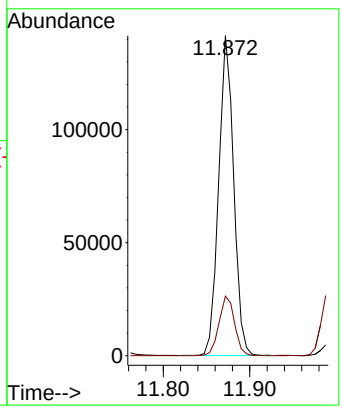




#85
sec-Butylbenzene
Concen: 18.910 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:105 Resp: 17019

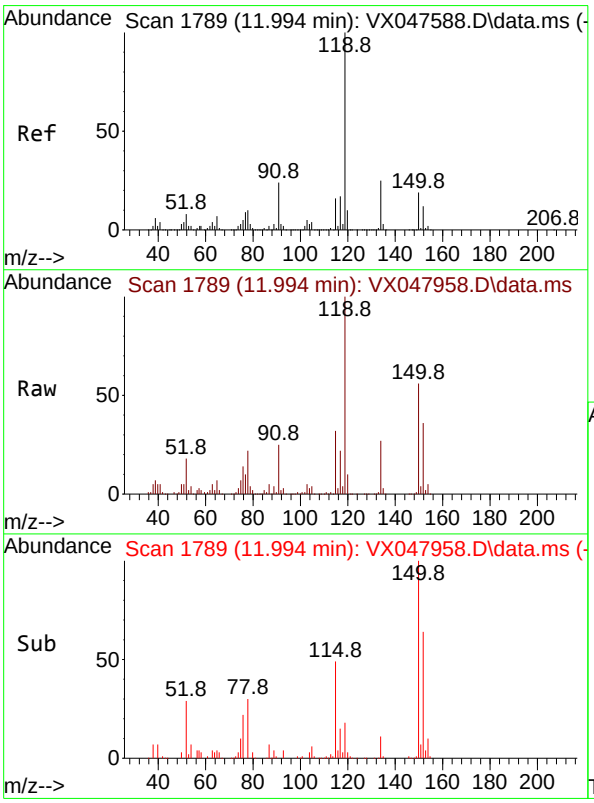
Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

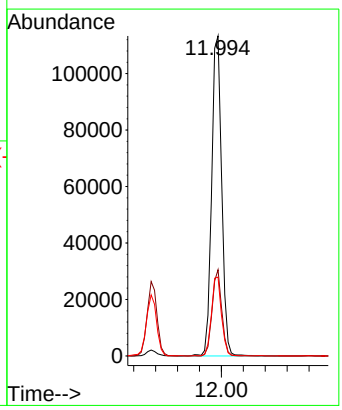
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

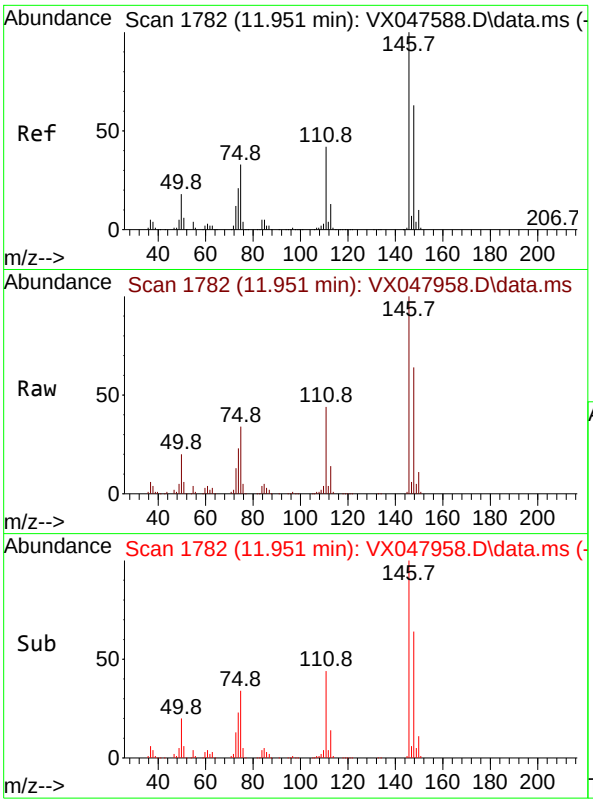


#86
p-Isopropyltoluene
Concen: 18.741 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:119 Resp: 142803

Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.6	37.8
91	24.8	12.6	37.6

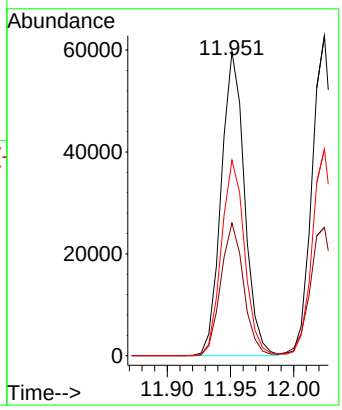




#87
1,3-Dichlorobenzene
Concen: 18.515 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:146 Resp: 7631

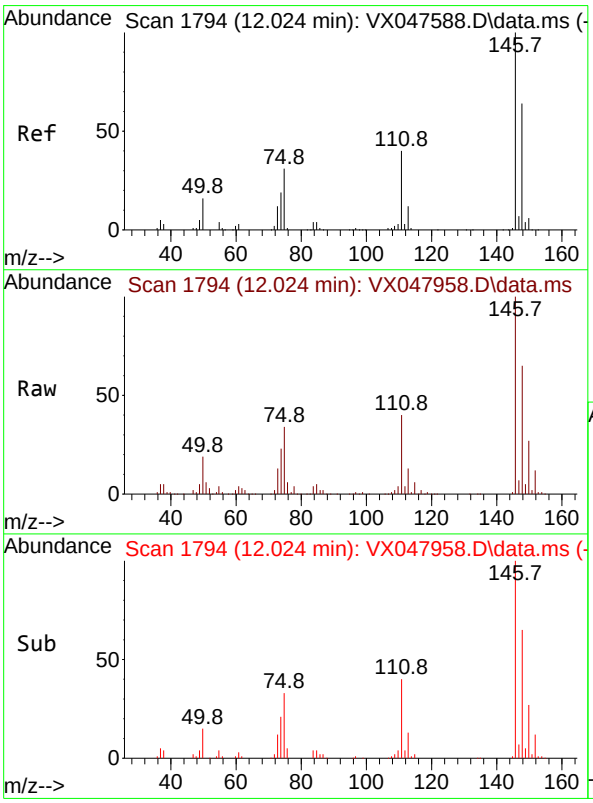
Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.5	64.5
148	64.4	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

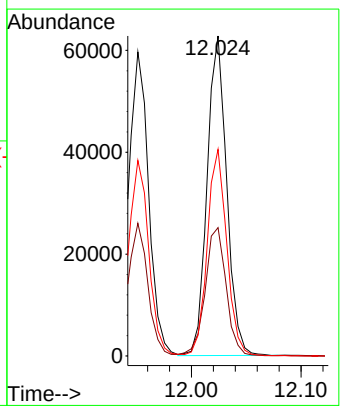
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

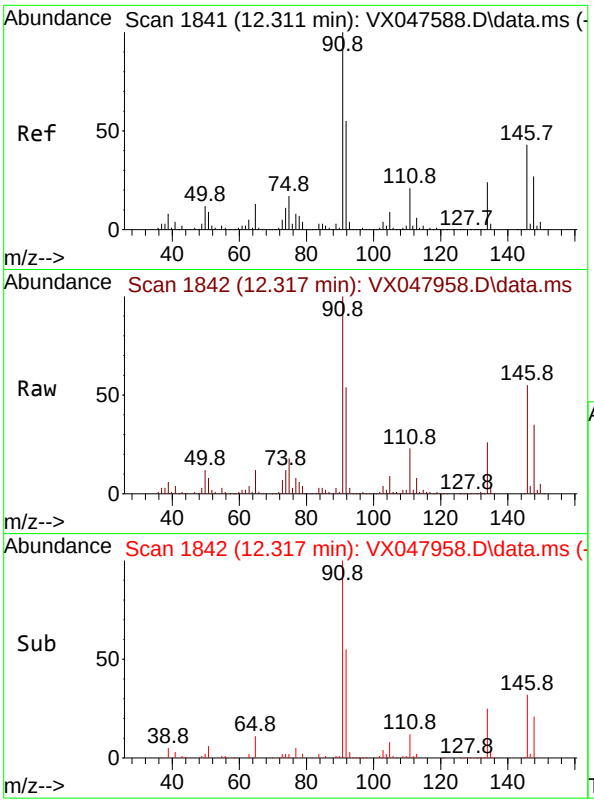


#88
1,4-Dichlorobenzene
Concen: 18.398 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:146 Resp: 77823

Ion	Ratio	Lower	Upper
146	100		
111	43.0	20.8	62.4
148	64.7	31.7	95.1

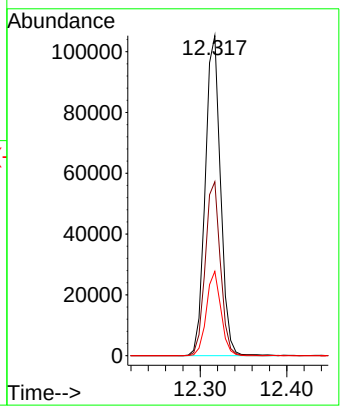




#89
n-Butylbenzene
Concen: 18.263 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 91 Resp: 12876

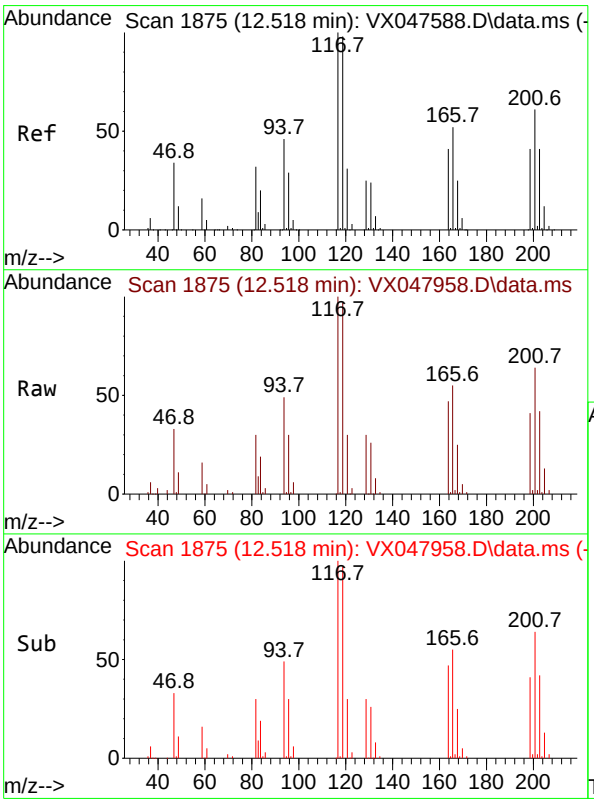
Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.6	82.7
134	25.1	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

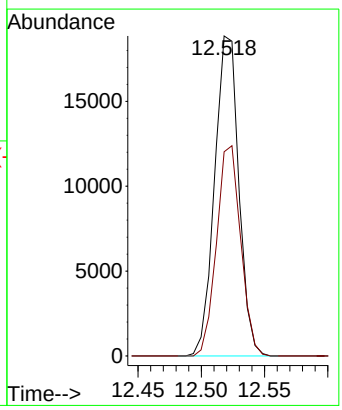
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

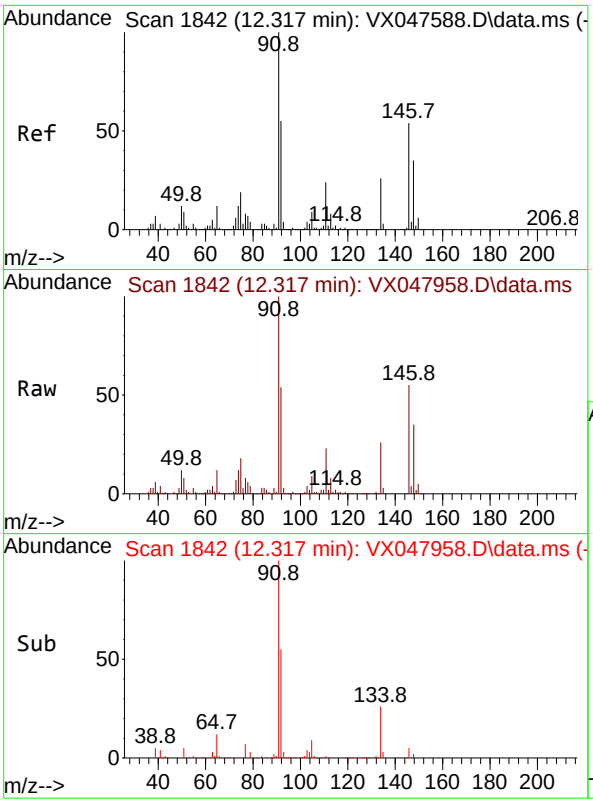


#90
Hexachloroethane
Concen: 18.732 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:117 Resp: 25059

Ion	Ratio	Lower	Upper
117	100		
201	65.6	34.2	102.5

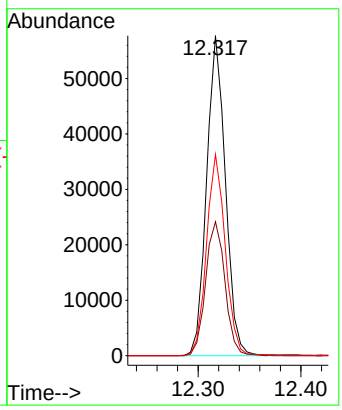




#91
1,2-Dichlorobenzene
Concen: 18.674 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:146 Resp: 7332

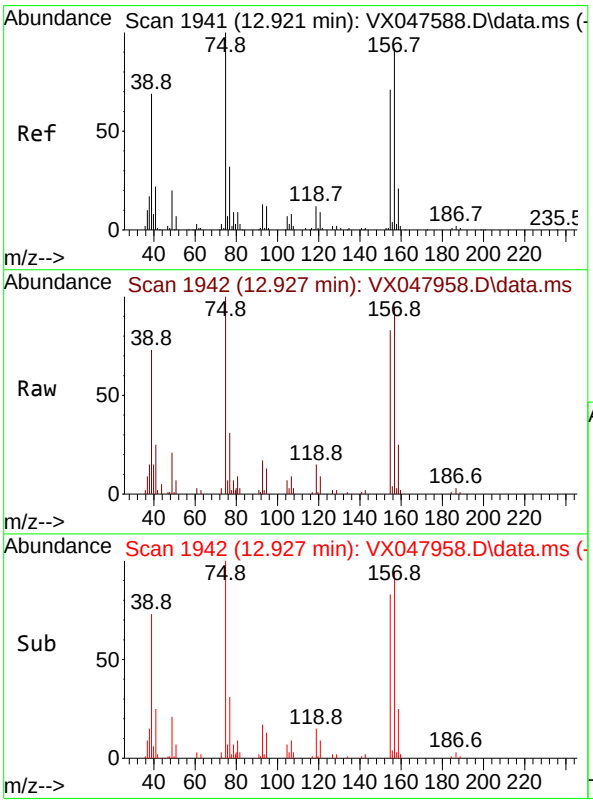
Ion	Ratio	Lower	Upper
146	100		
111	43.1	22.2	66.6
148	62.8	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

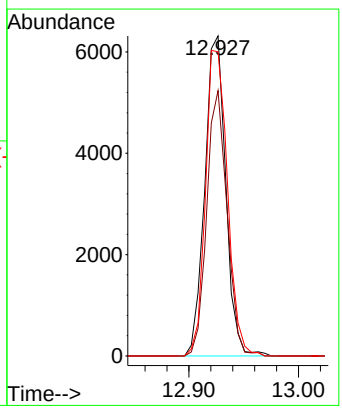
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

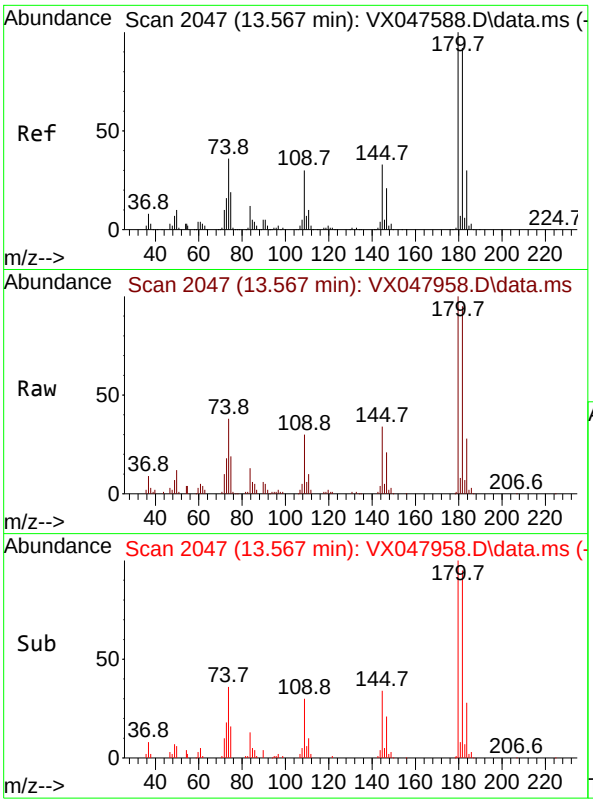


#92
1,2-Dibromo-3-Chloropropane
Concen: 15.181 ug/l
RT: 12.927 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 75 Resp: 8378

Ion	Ratio	Lower	Upper
75	100		
155	80.4	37.7	113.1
157	100.3	49.8	149.4

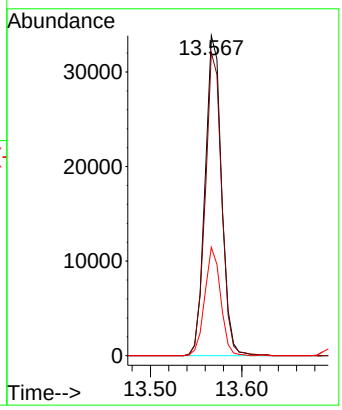




#93
1,2,4-Trichlorobenzene
Concen: 16.531 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:180 Resp: 4218

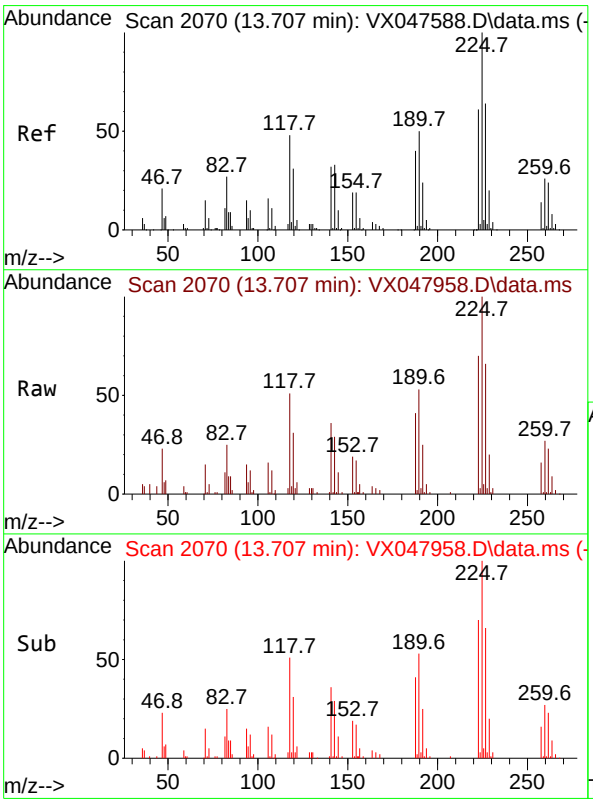
Ion	Ratio	Lower	Upper
180	100		
182	94.5	46.6	139.8
145	32.6	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

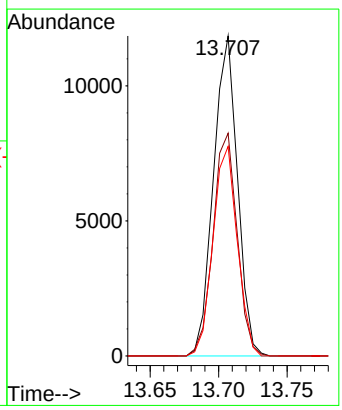
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

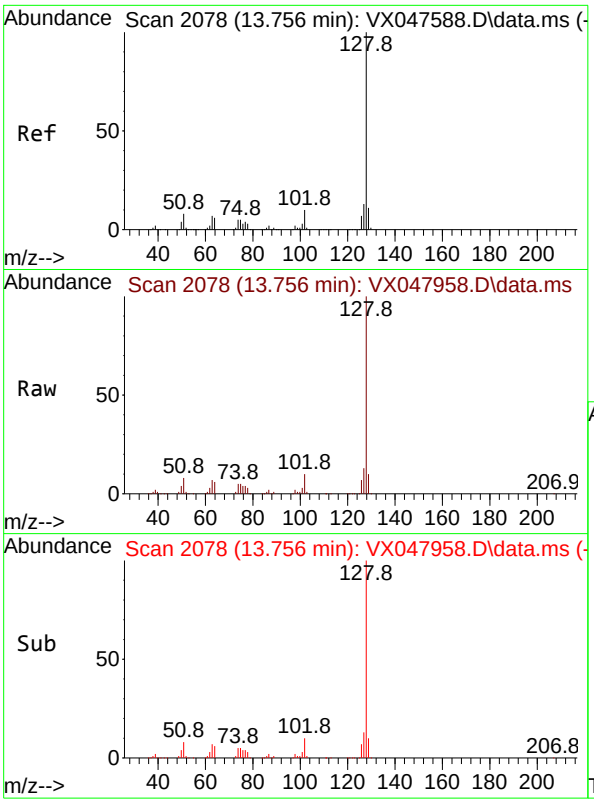


#94
Hexachlorobutadiene
Concen: 16.618 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:225 Resp: 14405

Ion	Ratio	Lower	Upper
225	100		
223	69.9	31.7	95.1
227	66.4	32.0	96.0

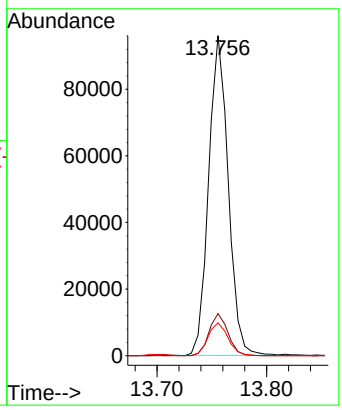




#95
Naphthalene
Concen: 15.295 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:128 Resp: 11885

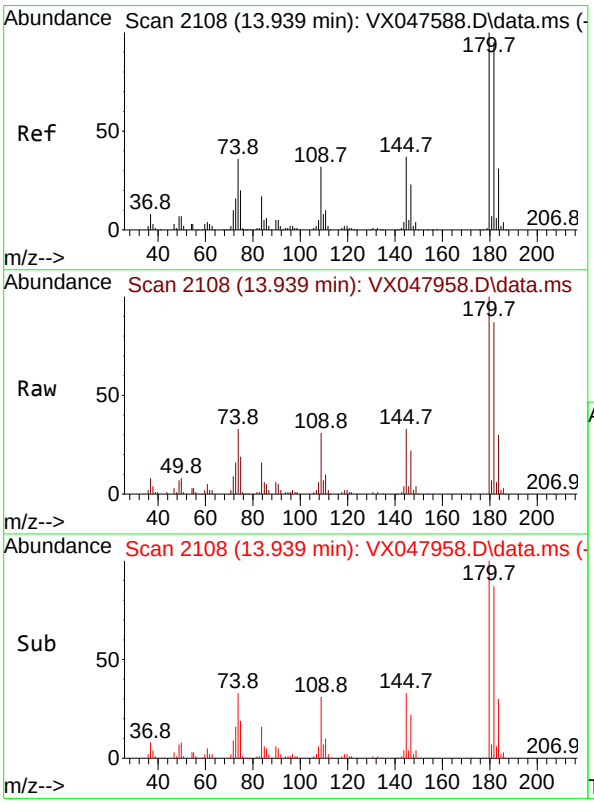
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.5	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Manual Integrations
APPROVED

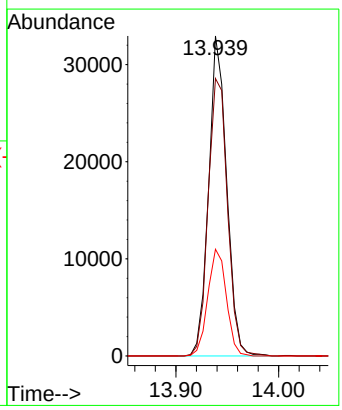
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 16.885 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:180 Resp: 40082

Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.6	142.8
145	34.4	17.9	53.7



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Manual Integration Report

Sequence:	vx091625	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX047585.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:25:46 AM	MMDadoda	9/18/2025 3:22:10 PM	Peak Integrated by Software
VSTDICC001	VX047585.D	1,4-Dichlorobenzene	JOHN	9/17/2025 8:25:46 AM	MMDadoda	9/18/2025 3:22:10 PM	Peak Integrated by Software
VSTDICC001	VX047585.D	1,4-Dioxane	JOHN	9/17/2025 8:25:46 AM	MMDadoda	9/18/2025 3:22:10 PM	Peak Integrated by Software
VSTDICC005	VX047586.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:25:50 AM	MMDadoda	9/18/2025 3:22:12 PM	Peak Integrated by Software
VSTDICC020	VX047587.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:25:57 AM	MMDadoda	9/18/2025 3:22:15 PM	Peak Integrated by Software
VSTDICCC050	VX047588.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:01 AM	MMDadoda	9/18/2025 3:22:17 PM	Peak Integrated by Software
VSTDICC100	VX047589.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:06 AM	MMDadoda	9/18/2025 3:22:20 PM	Peak Integrated by Software
VSTDICC150	VX047590.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:11 AM	MMDadoda	9/18/2025 3:22:24 PM	Peak Integrated by Software
VSTDICV050	VX047592.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:15 AM	MMDadoda	9/18/2025 3:22:26 PM	Peak Integrated by Software
VSTDCCC050	VX047599.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:34 AM	MMDadoda	9/18/2025 3:22:31 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX100225	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX047953.D	1,2,3-Trichloropropane	JOHN	10/3/2025 8:14:09 AM	MMDadoda	10/3/2025 4:09:05 PM	Peak Integrated by Software
VX1002WBS01	VX047956.D	1,2,3-Trichloropropane	JOHN	10/3/2025 8:14:13 AM	MMDadoda	10/3/2025 4:09:04 PM	Peak Integrated by Software
VX1002WBSD01	VX047958.D	1,2,3-Trichloropropane	JOHN	10/3/2025 8:14:18 AM	MMDadoda	10/3/2025 4:09:05 PM	Peak Integrated by Software
VSTDCCC050	VX047979.D	1,2,3-Trichloropropane	JOHN	10/3/2025 8:14:49 AM	MMDadoda	10/3/2025 4:09:10 PM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX091625

Review By	John Carlone	Review On	9/17/2025 8:27:00 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/18/2025 3:22:52 PM		
SubDirectory	VX091625	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135487
Initial Calibration Stds	VP135489,VP135490,VP135491,VP135492,VP135493,VP135494
CCC	VP135488
Internal Standard/PEM	
ICV/I.BLK	VP135495
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047584.D	16 Sep 2025 08:56	JC/MD	Ok
2	VSTDICC001	VX047585.D	16 Sep 2025 09:23	JC/MD	Ok,M
3	VSTDICC005	VX047586.D	16 Sep 2025 10:16	JC/MD	Ok,M
4	VSTDICC020	VX047587.D	16 Sep 2025 10:37	JC/MD	Ok,M
5	VSTDICCC050	VX047588.D	16 Sep 2025 10:58	JC/MD	Ok,M
6	VSTDICC100	VX047589.D	16 Sep 2025 11:40	JC/MD	Ok,M
7	VSTDICC150	VX047590.D	16 Sep 2025 12:01	JC/MD	Ok,M
8	IBLK	VX047591.D	16 Sep 2025 12:22	JC/MD	Ok
9	VSTDICV050	VX047592.D	16 Sep 2025 13:35	JC/MD	Ok,M
10	VX0916MBL01	VX047593.D	16 Sep 2025 14:03	JC/MD	Ok
11	VX0916WBL01	VX047594.D	16 Sep 2025 14:53	JC/MD	Ok
12	VX0916WBS01	VX047595.D	16 Sep 2025 15:21	JC/MD	Ok,M
13	VX0916WBSD01	VX047596.D	16 Sep 2025 15:46	JC/MD	Ok,M
14	Q3015-01	VX047597.D	16 Sep 2025 16:07	JC/MD	Ok,M
15	VIBLK	VX047598.D	16 Sep 2025 16:30	JC/MD	Ok
16	VSTDCCC050	VX047599.D	16 Sep 2025 16:51	JC/MD	Ok,M

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX100225

Review By	John Carlone	Review On	10/3/2025 8:22:01 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/3/2025 4:09:15 PM		
SubDirectory	VX100225	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135725
Initial Calibration Stds	
CCC	VP135726,VP135727
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047952.D	02 Oct 2025 08:18	JC/MD	Ok
2	VSTDCCC050	VX047953.D	02 Oct 2025 08:50	JC/MD	Ok,M
3	VX1002MBL01	VX047954.D	02 Oct 2025 09:20	JC/MD	Ok
4	VX1002WBL01	VX047955.D	02 Oct 2025 10:09	JC/MD	Ok
5	VX1002WBS01	VX047956.D	02 Oct 2025 11:04	JC/MD	Ok,M
6	Q3246-02	VX047957.D	02 Oct 2025 11:24	JC/MD	Ok
7	VX1002WBSD01	VX047958.D	02 Oct 2025 11:45	JC/MD	Ok,M
8	Q3246-01	VX047959.D	02 Oct 2025 12:05	JC/MD	Ok
9	Q3246-03	VX047960.D	02 Oct 2025 12:26	JC/MD	Ok
10	Q3246-04	VX047961.D	02 Oct 2025 12:46	JC/MD	Ok
11	Q3246-05	VX047962.D	02 Oct 2025 13:07	JC/MD	Ok
12	Q3246-06	VX047963.D	02 Oct 2025 13:27	JC/MD	Ok
13	Q3246-07	VX047964.D	02 Oct 2025 13:48	JC/MD	Ok
14	Q3194-15	VX047965.D	02 Oct 2025 14:08	JC/MD	ReRun
15	Q3194-16	VX047966.D	02 Oct 2025 14:29	JC/MD	Ok
16	Q3194-17	VX047967.D	02 Oct 2025 14:50	JC/MD	Ok
17	Q3194-18	VX047968.D	02 Oct 2025 15:10	JC/MD	Ok
18	Q3194-09	VX047969.D	02 Oct 2025 15:31	JC/MD	Ok
19	Q3194-10	VX047970.D	02 Oct 2025 15:52	JC/MD	Ok
20	Q3194-11	VX047971.D	02 Oct 2025 16:12	JC/MD	Ok
21	Q3194-12	VX047972.D	02 Oct 2025 16:33	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX100225

Review By	John Carlone	Review On	10/3/2025 8:22:01 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/3/2025 4:09:15 PM		
SubDirectory	VX100225	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135725
Initial Calibration Stds	
CCC	VP135726,VP135727
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3194-13	VX047973.D	02 Oct 2025 16:54	JC/MD	Ok
23	Q3194-14	VX047974.D	02 Oct 2025 17:15	JC/MD	Ok
24	Q3202-01	VX047975.D	02 Oct 2025 17:35	JC/MD	ReRun
25	Q3194-02	VX047976.D	02 Oct 2025 17:56	JC/MD	Ok
26	Q3194-03MS	VX047977.D	02 Oct 2025 18:16	JC/MD	Ok,M
27	Q3194-04MSD	VX047978.D	02 Oct 2025 18:37	JC/MD	Ok,M
28	VSTDCCC050	VX047979.D	02 Oct 2025 18:58	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX091625

Review By	John Carlone	Review On	9/17/2025 8:27:00 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/18/2025 3:22:52 PM		
SubDirectory	VX091625	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135487
Initial Calibration Stds	VP135489,VP135490,VP135491,VP135492,VP135493,VP135494
CCC	VP135488
Internal Standard/PEM	
ICV/I.BLK	VP135495
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX047584.D	16 Sep 2025 08:56		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX047585.D	16 Sep 2025 09:23		JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX047586.D	16 Sep 2025 10:16	QR-58	JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX047587.D	16 Sep 2025 10:37		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX047588.D	16 Sep 2025 10:58		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX047589.D	16 Sep 2025 11:40		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX047590.D	16 Sep 2025 12:01		JC/MD	Ok,M
8	IBLK	IBLK	VX047591.D	16 Sep 2025 12:22		JC/MD	Ok
9	VSTDICV050	ICVVX091625	VX047592.D	16 Sep 2025 13:35		JC/MD	Ok,M
10	VX0916MBL01	VX0916MBL01	VX047593.D	16 Sep 2025 14:03		JC/MD	Ok
11	VX0916WBL01	VX0916WBL01	VX047594.D	16 Sep 2025 14:53		JC/MD	Ok
12	VX0916WBS01	VX0916WBS01	VX047595.D	16 Sep 2025 15:21		JC/MD	Ok,M
13	VX0916WBSD01	VX0916WBSD01	VX047596.D	16 Sep 2025 15:46		JC/MD	Ok,M
14	Q3015-01	WP0925-PT-VOA-WP	VX047597.D	16 Sep 2025 16:07		JC/MD	Ok,M
15	VIBLK	VIBLK	VX047598.D	16 Sep 2025 16:30		JC/MD	Ok
16	VSTDCCC050	VSTDCCC050EC	VX047599.D	16 Sep 2025 16:51		JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX100225

Review By	John Carlone	Review On	10/3/2025 8:22:01 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/3/2025 4:09:15 PM		
SubDirectory	VX100225	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135725
Initial Calibration Stds	
CCC	VP135726,VP135727
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	VX047952.D	02 Oct 2025 08:18		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX047953.D	02 Oct 2025 08:50	pH#Lot#V12668	JC/MD	Ok,M
3	VX1002MBL01	VX1002MBL01	VX047954.D	02 Oct 2025 09:20		JC/MD	Ok
4	VX1002WBL01	VX1002WBL01	VX047955.D	02 Oct 2025 10:09		JC/MD	Ok
5	VX1002WBS01	VX1002WBS01	VX047956.D	02 Oct 2025 11:04	BS Failed Low For Com.#92	JC/MD	Ok,M
6	Q3246-02	BP-VPB-184-GW-460-4	VX047957.D	02 Oct 2025 11:24	vial A pH<2	JC/MD	Ok
7	VX1002WBSD01	VX1002WBSD01	VX047958.D	02 Oct 2025 11:45		JC/MD	Ok,M
8	Q3246-01	BP-VPB-184-TB-20250	VX047959.D	02 Oct 2025 12:05	vial A pH<2 TB	JC/MD	Ok
9	Q3246-03	BP-VPB-184-GW-480-4	VX047960.D	02 Oct 2025 12:26	vial A pH<2	JC/MD	Ok
10	Q3246-04	BP-VPB-184-GW-500-5	VX047961.D	02 Oct 2025 12:46	vial A pH<2	JC/MD	Ok
11	Q3246-05	BP-VPB-184-DUP-2025	VX047962.D	02 Oct 2025 13:07	vial A pH<2	JC/MD	Ok
12	Q3246-06	BP-VPB-184-GW-520-5	VX047963.D	02 Oct 2025 13:27	vial A pH<2	JC/MD	Ok
13	Q3246-07	BP-VPB-184-GW-540-5	VX047964.D	02 Oct 2025 13:48	vial A pH<2	JC/MD	Ok
14	Q3194-15	EB05-20250924	VX047965.D	02 Oct 2025 14:08	vial A pH<2 EB;Hit of Com.#16	JC/MD	ReRun
15	Q3194-16	EB06-20250924	VX047966.D	02 Oct 2025 14:29	vial A pH<2 EB	JC/MD	Ok
16	Q3194-17	FB01-20250924	VX047967.D	02 Oct 2025 14:50	vial A pH<2 FB	JC/MD	Ok
17	Q3194-18	TB09-20250912	VX047968.D	02 Oct 2025 15:10	vial A pH<2 TB	JC/MD	Ok
18	Q3194-09	TT192D2-20250922	VX047969.D	02 Oct 2025 15:31	vial A pH<2	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX100225

Review By	John Carlone	Review On	10/3/2025 8:22:01 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/3/2025 4:09:15 PM		
SubDirectory	VX100225	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135725
Initial Calibration Stds	
CCC	VP135726,VP135727
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3194-10	TT192D1-20250922	VX047970.D	02 Oct 2025 15:52	vial A pH<2	JC/MD	Ok
20	Q3194-11	DUP10-20250922	VX047971.D	02 Oct 2025 16:12	vial A pH<2	JC/MD	Ok
21	Q3194-12	RW11-MW01I-2025092	VX047972.D	02 Oct 2025 16:33	vial A pH<2	JC/MD	Ok
22	Q3194-13	TT163S1-20250924	VX047973.D	02 Oct 2025 16:54	vial A pH<2	JC/MD	Ok
23	Q3194-14	RE139D1-20250924	VX047974.D	02 Oct 2025 17:15	vial A pH<2	JC/MD	Ok
24	Q3202-01	SY-6	VX047975.D	02 Oct 2025 17:35	vial A pH<2 BS Failed Low	JC/MD	ReRun
25	Q3194-02	RW11-MW01S-202509	VX047976.D	02 Oct 2025 17:56	vial A pH<2	JC/MD	Ok
26	Q3194-03MS	RW11-MW01S-202509	VX047977.D	02 Oct 2025 18:16	vial A pH<2	JC/MD	Ok,M
27	Q3194-04MSD	RW11-MW01S-202509	VX047978.D	02 Oct 2025 18:37	vial A pH<2	JC/MD	Ok,M
28	VSTDCCC050	VSTDCCC050EC	VX047979.D	02 Oct 2025 18:58		JC/MD	Ok,M

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Prep Standard - Chemical Standard Summary

Order ID : Q3246

Test : VOC-TCLVOA-10

Prepbatch ID :

Sequence ID/Qc Batch ID: VX100225,

Standard ID :
VP134142,VP134149,VP134933,VP134956,VP134957,VP135480,VP135552,VP135725,VP135726,VP135727,

Chemical ID :
V13391,V14200,V14204,V14205,V14290,V14509,V14510,V14531,V14532,V14625,V14626,V14636,V14637,V14638,V14639,V14668,V14671,V14673,V14675,V14727,V14728,V14803,V14815,V14844,V14906,V14928,V14929,V14951,V14952,V15066,V15067,V15068,W3112,

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
719	8260 Working STD (BCM)-First source, 400PPM	VP134142	06/06/2025	12/06/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 06/10/2025

FROM 1.00000ml of V14668 + 1.00000ml of V14671 + 1.00000ml of V14673 + 1.00000ml of V14675 + 16.00000ml of V14929 = Final Quantity: 20.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1810	8260 Working Std(2-CVE)-800ppm	VP134149	06/06/2025	12/06/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 06/10/2025

FROM 1.00000ml of V14636 + 1.00000ml of V14637 + 1.00000ml of V14638 + 1.00000ml of V14639 + 46.00000ml of V14929 = Final Quantity: 50.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
617	8260 Surrogate, 400PPM	VP134933	07/29/2025	01/29/2026	Semsettin Yesilyurt	None	None	Mahesh Dadoda 08/19/2025

FROM 0.40000ml of V14906 + 24.60000ml of V14625 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
247	8260 Internal Standard, 250PPM	VP134956	08/01/2025	11/09/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 08/06/2025

FROM 0.25000ml of V14290 + 24.75000ml of V14626 = Final Quantity: 25.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
218	BFB, 25PPM	VP134957	08/01/2025	11/22/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 08/06/2025

FROM 0.50000ml of V13391 + 49.50000ml of V14625 = Final Quantity: 50.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
51	8260 Working STD (Acrolein) -first source, 800PPM	VP135480	09/16/2025	10/15/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 09/19/2025

FROM 1.00000ml of V15066 + 1.50000ml of V15067 + 1.50000ml of V15068 + 21.00000ml of V14625 = Final Quantity: 25.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
257	8260 Calibration Working STD Mix-First source, 160PPM	VP135552	09/22/2025	11/03/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 09/26/2025

FROM 0.40000ml of V14844 + 1.00000ml of V14200 + 1.00000ml of V14509 + 1.00000ml of V14510 + 1.00000ml of V14531 + 1.00000ml of V14532 + 1.00000ml of V14727 + 1.00000ml of V14728 + 1.00000ml of V14803 + 1.00000ml of V14815 + 1.00000ml of V14951 + 1.00000ml of V14952 + 1.50000ml of V14204 + 1.50000ml of V14205 + 10.60000ml of V14928 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
589	BFB TUNE CHECK	VP135725	10/02/2025	10/03/2025	John Carlone	None	None	Mahesh Dadoda 10/06/2025

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	VP135726	10/02/2025	10/03/2025	John Carlone	None	None	Mahesh Dadoda 10/06/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP134142 + 0.00500ml of VP134933 + 0.00800ml of VP134956 + 0.01250ml of VP134149 + 0.01250ml of VP135480 + 0.01250ml of VP135552 = Final Quantity: 40.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
620	50 PPB CCC, 8260-Water	VP135727	10/02/2025	10/03/2025	John Carlone	None	None	Mahesh Dadoda 10/06/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP134142 + 0.00500ml of VP134933 + 0.00800ml of VP134956 + 0.01250ml of VP134149 + 0.01250ml of VP135480 + 0.01250ml of VP135552 = Final Quantity: 40.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30067 / BFB tuneing solution	A0191805	11/22/2025	11/22/2024 / SAM	01/13/2023 / SAM	V13391

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A0200785	03/22/2026	09/22/2025 / sam	02/28/2024 / SAM	V14200

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A0200785	03/22/2026	09/22/2025 / sam	02/28/2024 / SAM	V14204

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A0200785	03/22/2026	09/22/2025 / sam	02/28/2024 / SAM	V14205

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555581 / Custom Standard, 8260 Internal Std [CS 5179-1]	A0210184	12/12/2025	12/12/2024 / SAM	04/15/2024 / SAM	V14290

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95317 / Universal VOA Mega Mix (Min order = 5)	021624	03/22/2026	09/22/2025 / sam	09/17/2024 / SAM	V14509

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95317 / Universal VOA Mega Mix (Min order = 5)	021624	03/22/2026	09/22/2025 / sam	09/17/2024 / SAM	V14510

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95319 / Revised Additions Mix (Min = 5)	091724	03/22/2026	09/22/2025 / sam	09/18/2024 / SAM	V14531

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95319 / Revised Additions Mix (Min = 5)	091724	03/22/2026	09/22/2025 / sam	09/18/2024 / SAM	V14532

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	23I0762004	01/29/2026	07/29/2025 / SAM	11/26/2024 / SAM	V14625

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	23I0762004	11/09/2025	05/09/2025 / SAM	11/26/2024 / SAM	V14626

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14636

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14637

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14638

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14639

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0214960	12/06/2025	06/06/2025 / SAM	12/09/2024 / SAM	V14668

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0214960	12/06/2025	06/06/2025 / SAM	12/09/2024 / SAM	V14671

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0214960	12/06/2025	06/06/2025 / SAM	12/09/2024 / SAM	V14673

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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	V14675

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30042 / VOA Mix,500 series method 502.2 Calibration Std #1 gases, 2000uq/ml, PTM, 1ml	A0216826	03/22/2026	09/22/2025 / sam	12/17/2024 / SAM	V14727

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30042 / VOA Mix,500 series method 502.2 Calibration Std #1 gases, 2000uq/ml, PTM, 1ml	A0216826	03/22/2026	09/22/2025 / sam	12/17/2024 / SAM	V14728

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555408 / Custom Standard, Vinyl Acetate Standard w/ Grav [CS 5066-6] TWO SEPARATE LOTS	A0220471	03/22/2026	09/22/2025 / sam	01/08/2025 / SAM	V14803

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555408 / Custom Standard, Vinyl Acetate Standard w/ Grav [CS 5066-6] TWO SEPARATE LOTS	A0220471	03/22/2026	09/22/2025 / sam	01/08/2025 / SAM	V14815

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30470 / VOA Stock Solution, tert-butanol std, 1mL, P&TM	A0217535	03/22/2026	09/22/2025 / sam	01/21/2025 / SAM	V14844

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555582 / Custom Mixture, 8260 A/B Surrogate Mix [CS 5179-2]	A0223904	07/29/2026	07/29/2025 / SAM	03/24/2025 / SAM	V14906

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	24G0262002	03/22/2026	09/22/2025 / sam	05/09/2025 / SAM	V14928

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	24G0262002	12/06/2025	06/06/2025 / SAM	05/09/2025 / SAM	V14929

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30489 / VOA Mix, 8260B Acetates Mix, P&TM, 1mL	A0222076	03/22/2026	09/22/2025 / sam	05/19/2025 / SAM	V14951

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30489 / VOA Mix, 8260B Acetates Mix, P&TM, 1mL	A0222076	03/22/2026	09/22/2025 / sam	05/19/2025 / SAM	V14952

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	091525	10/15/2025	09/16/2025 / sam	09/16/2025 / sam	V15066

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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)	091525	10/15/2025	09/16/2025 / sam	09/16/2025 / sam	V15067

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	091525	10/15/2025	09/16/2025 / sam	09/16/2025 / sam	V15068

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

avantor™ | J.T.Baker®

Material No.: 9077-02
Batch No.: 2310762004
Manufactured Date: 2023-08-11
Expiration Date: 2026-08-10
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.5 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.2
Titrable Base (µeq/g)	≤ 0.10	0.01
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis – Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

avantor™ | J.T.Baker®

Material No.: 9077-02
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For Laboratory,Research,or Manufacturing Use
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500 Series for Drinking Water
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Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 09/17/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95317
Lot Number: 021624
Description: Universal VOA Megamix
69 components
Expiration Date: 021627
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent(s): Lot#
Methanol EG359-USQ12

Weight(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

5E-05 Balance Uncertainty

Formulated By: Prashant Chauhan 021624 DATE

Reviewed By: Pedro L. Rentas 021624 DATE

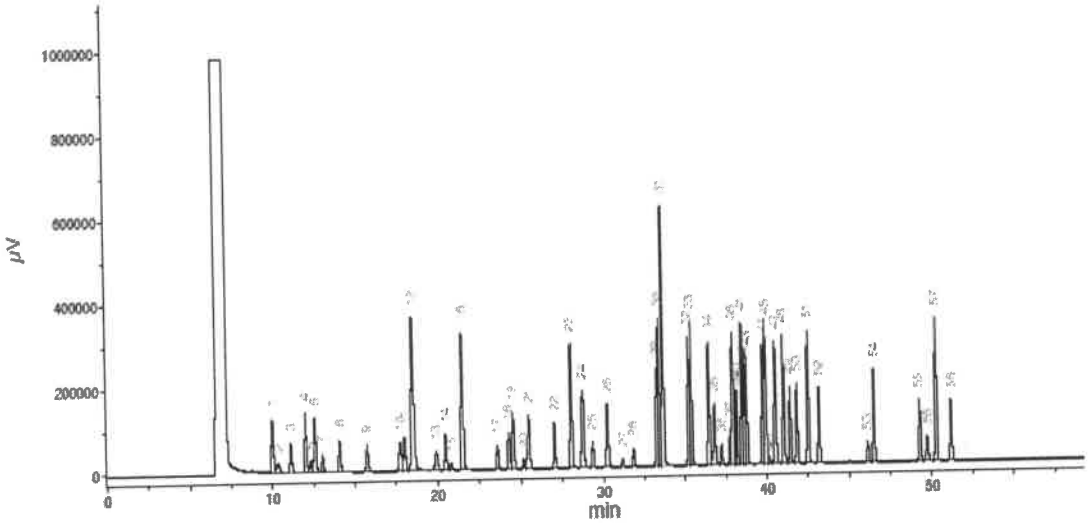
	Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc.(ug/mL)	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Uncertainty Pipette (mL)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Acetonitrile	(0324)	021644	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20020	2001.3	8.1	75-05-8	40 ppm (70mg/m3/8H)	orl-rat 2460mg/kg
2.	Allyl chloride (3-Chloropropene)	(0325)	102396	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	107-05-1	1 ppm (3mg/m3/8H)	orl-rat 700mg/kg
3.	Carbon disulphide	(0060)	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 848mg/kg
19.	cis-1,2-Dichloroethene	35171	101623	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	156-59-2	N/A	N/A
20.	trans-1,2-Dichloroethene	35171	101623	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.6	23.0	156-60-5	N/A	orl-rat 1235mg/kg
21.	Methylene chloride	35171	101623	0.05	5.00	40002.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-09-2	500 ppm	orl-rat 820mg/kg
22.	1,1-Dichloroethene	32251	102023	0.10	10.00	20001.6	2000	NA	NA	0.042	NA	NA	1999.7	20.4	75-35-4	1 ppm (4mg/m3/8H)	orl-rat 200mg/kg
23.	Bromoform	95321	020724	0.10	10.00	20003.2	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-25-2	0.5 ppm (5mg/m3) (skin)	orl-rat 933mg/kg
24.	Carbon tetrachloride	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	56-23-5	2 ppm (12.6mg/m3/8H)	orl-rat 2350mg/kg
25.	Chloroform	95321	020724	0.10	10.00	20024.0	2000	NA	NA	0.042	NA	NA	2001.9	20.5	67-66-3	50 ppm (240mg/m3) (CL)	orl-rat 908mg/kg
26.	Dibromomethane	95321	020724	0.10	10.00	20002.9	2000	NA	NA	0.042	NA	NA	1999.8	20.5	74-95-3	N/A	orl-rat 108mg/kg
27.	1,1-Dichloroethane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-34-3	100 ppm	orl-rat 725mg/kg
28.	2,2-Dichloropropane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	594-20-7	N/A	N/A
29.	Tetrachloroethene	95321	020724	0.10	10.00	20201.1	2000	NA	NA	0.042	NA	NA	2019.6	20.8	127-18-4	25 ppm (170mg/m3/8H)(final)	orl-rat 2629mg/kg
30.	1,1,1-Trichloroethane	95321	020724	0.10	10.00	20003.0	2000	NA	NA	0.042	NA	NA	1999.8	20.5	71-55-6	350 ppm (1900mg/m3/8H)	orl-rat 10300mg/kg
31.	1,2-Dibromo-3-chloropropane	35161	112322	0.05	5.00	40016.5	2000	NA	NA	0.017	NA	NA	2000.3	22.9	96-12-8	0.001 ppm	orl-rat 170mg/kg
32.	1,2-Dibromoethane	35161	112322	0.05	5.00	40024.8	2000	NA	NA	0.017	NA	NA	2000.7	22.9	106-93-4	20 ppm (8H)	orl-rat 108mg/kg
33.	1,2-Dichloroethane	35161	112322	0.05	5.00	40018.0	2000	NA	NA	0.017	NA	NA	2000.4	22.9	107-06-2	50 ppm (8H)	orl-rat 670mg/kg
34.	1,2-Dichloropropane	35161	112322	0.05	5.00	40051.0	2000	NA	NA	0.017	NA	NA	2002.0	22.9	78-87-5	75 ppm (350mg/m3/8H)	orl-rat 1947mg/kg
35.	1,3-Dichloropropane	35161	112322	0.05	5.00	40005.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	142-28-9	N/A	unr-mus 3600mg/kg
36.	1,1-Dichloropropene	35161	112322	0.05	5.00	40012.1	2000	NA	NA	0.017	NA	NA	2000.1	29.7	563-58-6	N/A	N/A
37.	cis-1,3-Dichloropropene	35161	112322	0.05	5.00	40010.0	2000	NA	NA	0.017	NA	NA	2000.0	23.0	10061-01-5	N/A	N/A
38.	trans-1,3-Dichloropropene	35161	112322	0.05	5.00	40017.6	2000	NA	NA	0.017	NA	NA	2000.4	23.0	10061-02-6	N/A	N/A
39.	Hexachloro-1,3-butadiene	35161	112322	0.05	5.00	40021.9	2000	NA	NA	0.017	NA	NA	2000.6	29.7	87-68-3	0.02 ppm (0.24mg/m3/8H)	orl-rat 82mg/kg
40.	1,1,1,2-Tetrachloroethane	35161	112322	0.05	5.00	40011.9	2000	NA	NA	0.017	NA	NA	2000.1	22.9	630-20-6	N/A	orl-rat 670mg/kg
41.	1,1,2,2-Tetrachloroethane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	79-34-5	5 ppm (35mg/m3/8H)(skin)	orl-rat 800mg/kg
42.	1,1,2-Trichloroethane	35161	112322	0.05	5.00	40006.6	2000	NA	NA	0.017	NA	NA	1999.8	23.0	79-00-5	10 ppm (45mg/m3/8H)(skin)	orl-rat 836mg/kg
43.	Trichloroethene	35161	112322	0.05	5.00	40029.0	2000	NA	NA	0.017	NA	NA	2000.9	22.9	79-01-6	50 ppm (270mg/m3/8H)	orl-mus 2402mg/kg
44.	1,2,3-Trichloropropane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	96-18-4	10 ppm (60mg/m3/8H)	orl-rat 149.6mg/kg
45.	Benzene	35162	050823	0.05	5.00	40005.0	2000	NA	NA	0.017	NA	NA	1999.7	22.9	71-43-2	1 ppm	orl-rat 4894mg/kg
46.	Bromobenzene	35162	050823	0.05	5.00	40006.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-86-1	N/A	orl-rat 2699mg/kg
47.	n-Butyl benzene	35162	050823	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	104-51-8	N/A	N/A
48.	Ethyl benzene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-41-4	100 ppm (435mg/m3/8H)	orl-rat >2000mg/kg
49.	p-Isopropyl toluene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	99-87-6	N/A	orl-rat 4750mg/kg
50.	Naphthalene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	91-20-3	10 ppm (50mg/m3/8H)	orl-rat 490mg/kg
51.	Styrene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-42-5	100 ppm	orl-rat 5000mg/kg
52.	Toluene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-88-3	200 ppm	orl-rat 5000mg/kg
53.	1,2,3-Trichlorobenzene	35162	050823	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	87-61-6	N/A	ipr-mus 1390mg/kg
54.	1,2,4-Trichlorobenzene	35162	050823	0.05	5.00	40006.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	120-82-1	5 ppm (CL) (40mg/m3)	orl-rat 756mg/kg
55.	1,2,4-Trimethylbenzene	35162	050823	0.05	5.00	40001.6	2000	NA	NA	0.017	NA	NA	1999.6	23.0	95-63-6	N/A	orl-rat 5g/kg
56.	1,3,5-Trimethylbenzene	35162	050823	0.05	5.00	40006.7	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-67-8	N/A	orl-rat 5000mg/kg
57.	m-Xylene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-38-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg
58.	tert-Butyl benzene	35163	101923	0.05	5.00	40001.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	98-06-6	N/A	N/A
59.	sec-Butyl benzene	35163	101923	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.8	22.9	135-98-8	N/A	orl-rat 2240mg/kg
60.	Chlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	108-90-7	75 ppm (350mg/m3/8H)	orl-rat 2290mg/kg
61.	2-Chlorotoluene	35163	101923	0.05	5.00	40000.3	2000	NA	NA	0.017	NA	NA	1999.5	22.9	95-49-8	50 ppm (250mg/m3/8H)	orl-rat 3900mg/kg
62.	4-Chlorotoluene	35163	101923	0.05	5.00	40003.3	2000	NA	NA	0.017	NA	NA	1999.7	22.9	106-43-4	N/A	orl-rat 2100mg/kg
63.	1,2-Dichlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	95-50-1	50 ppm (300mg/m3) (CL)	orl-rat 500mg/kg
64.	1,3-Dichlorobenzene	35163	101923	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	23.0	541-73-1	N/A	ipr-mus 1062mg/kg
65.	1,4-Dichlorobenzene	35163	101923	0.05	5.00	40001.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	106-46-7	75 ppm (450mg/m3/8H)	orl-rat 500mg/kg
66.	Isopropylbenzene	35163	101923	0.05	5.00	40000.8	2000	NA	NA	0.017	NA	NA	1999.5	22.9	98-82-8	50 ppm (245mg/m3/8H)	orl-rat 1400mg/kg
67.	n-Propylbenzene	35163	101923	0.05	5.00	40003.4	2000	NA	NA	0.017	NA	NA	1999.7	23.0	103-65-1	N/A	orl-rat 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	40000.8	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	6.97
2	1,1,2-Trichloro-1,2,3-trifluoroethane	10.33
3	1,1-Dichloroethene	11.10
4	Acetonitrile	12.00
5	Iodomethane	12.31
6	Allyl chloride	12.56
7	Carbon disulfide/Methylene chloride	13.04
8	trans-1,2-Dichloroethene	14.07
9	1,1-Dichloroethane	15.74
10	2,2-Dichloropropane	17.74
11	cis-1,2-Dichloroethene	18.00
12	Methacrylonitrile/Methyl acrylate/Chloroform	18.49
13	Isobutanol/1,1,1-Trichloroethane	18.91
14	1,1-Dichloropropene	19.46
15	Carbon tetrachloride	20.79
16	Benzene/1,2-Dichloroethane	21.48
17	Trichloroethene	23.86
18	1,2-Dichloropropane	24.26
19	Methyl methacrylate	24.62
20	Bromodichloromethane	25.13
21	Dibromomethane/2-Nitropropane	25.46
22	cis-1,3-Dichloropropene	27.02
23	Toluene	28.09
24	Ethyl methacrylate/trans-1,3-Dichloropropene	28.73
25	1,1,2-Trichloroethane	29.34
26	Tetrachloroethene/1,3-Dichloropropane	30.34
27	Dibromochloromethane	31.16
28	1,2-Dibromoethane	31.84
29	Chlorobenzene	33.26
30	Ethylbenzene/1,1,1,2-Tetrachloroethane	33.40
31	m-Xylene/p-Xylene	33.85
32	o-Xylene	35.33
33	Styrene	35.50
34	Isopropylbenzene/Bromoform	35.48
35	cis-1,4-Dichloro-2-butene	36.80
36	1,1,2,2-Tetrachloroethane	37.23
37	1,2,3-Trichloropropane	37.77
38	n-Propylbenzene	37.92
39	trans-1,4-Dichloro-2-butene	38.05
40	Bromobenzene	38.14
41	1,3,5-Trimethylbenzene	38.50
42	2-Chlorotoluene	38.62
43	4-Chlorotoluene	38.77
44	tert-Butylbenzene	39.76
45	1,2,4-Trimethylbenzene	39.91
46	Pentachloroethane	40.17
47	sec-Butylbenzene	40.52
48	p-Isopropyltoluene	41.02
49	1,3-Dichlorobenzene	41.12
50	1,4-Dichlorobenzene	41.63
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	50.26
58	1,2,3-Trichlorobenzene	51.16

Absolute Standards Inc.

PO Box 5585
Hamden, CT 06518-0585

Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International	**1-352-323-3500**
		Date Prepared/Revised	January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**



Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	% (optional) > 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
Storage Conditions	Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions Vapours may form explosive mixture with air.
Conditions to avoid Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 09/17/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95317
Lot Number: 021624
Description: Universal VOA Megamix
69 components
Expiration Date: 021627
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent(s): Lot#
Methanol EG359-USQ12

Weight(s) shown below were combined and diluted to (mL):	100.0	0.021	Flask Uncertainty
		5E-05	Balance Uncertainty

Formulated By: Prashant Chauhan 021624 DATE

Reviewed By: Pedro L. Rentas 021624 DATE

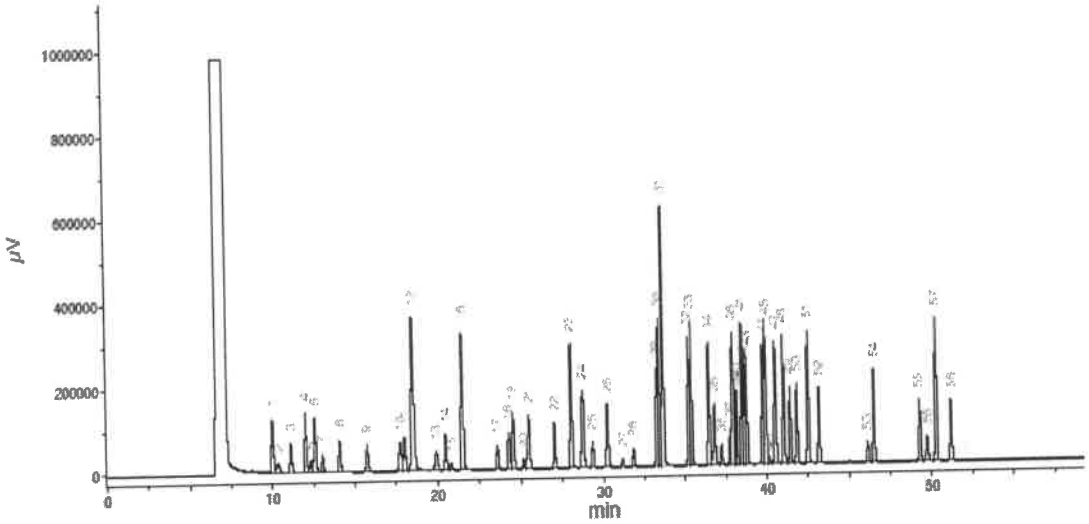
	Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc.(ug/mL)	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Uncertainty Pipette (mL)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Acetonitrile	(0324)	021644	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20020	2001.3	8.1	75-05-8	40 ppm (70mg/m3/8H)	orl-rat 2460mg/kg
2.	Allyl chloride (3-Chloropropene)	(0325)	102396	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	107-05-1	1 ppm (3mg/m3/8H)	orl-rat 700mg/kg
3.	Carbon disulphide	(0060)	MKCR6561	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20023	2001.6	8.1	75-15-0	4 ppm (12mg/m3) (skin)	orl-rat 1200mg/kg
4.	cis-1,4-Dichloro-2-butene	(1196)	14718EF	NA	NA	NA	2000	95	0.2	NA	0.21058	0.21069	2001.1	8.5	1476-11-5	N/A	N/A
5.	trans-1,4-Dichloro-2-butene	(0466)	MKBP6041V	NA	NA	NA	2000	96.5	0.2	NA	0.20731	0.20748	2001.7	8.4	110-57-6	N/A	N/A
6.	Diethyl ether	(0153)	IK18CAS0000	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	60-29-7	N/A	N/A
7.	Ethyl methacrylate	(0381)	06128PX	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20230	2002.3	8.2	97-63-2	N/A	orl-rat 14800mg/kg
8.	Iodomethane	(0489)	SHBF8718V	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20121	2001.5	8.2	74-88-4	5 ppm(28mg/m3/8H)(skin)	orl-rat 76mg/kg
9.	2-Methyl-1-propanol	(0445)	15241EB	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20120	2001.4	8.1	78-83-1	50 ppm (150mg/m3/8H)	orl-rat 2460mg/kg
10.	Methacrylonitrile	(0442)	00427ET	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	126-98-7	1 ppm (3mg/m3/8H)(skin)	orl-rat 120mg/kg
11.	Methyl acrylate	(1075)	SHBK0679	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
12.	Methyl methacrylate	(0404)	MKBW5137V	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20041	2001.6	8.1	80-62-6	100 ppm (410mg/m3/8H)	orl-rat 7872mg/kg
13.	Nitrobenzene	(0228)	01213TV	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20220	2001.3	8.2	98-95-3	1 ppm (5mg/m3/8H)(skin)	orl-rat 780mg/kg
14.	2-Nitropropane	(0461)	14002JX	NA	NA	NA	2000	97.3	0.2	NA	0.20560	0.20577	2001.6	8.3	79-46-9	10 ppm (35mg/m3/8H)	orl-rat 720mg/kg
15.	Pentachloroethane	(0450)	HGA01	NA	NA	NA	2000	98	0.2	NA	0.20413	0.20430	2001.6	8.3	76-01-7	N/A	N/A
16.	1,1,2-Trichlorotrifluoroethane	(0474)	18930	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20225	2001.8	8.2	76-13-1	1000 ppm (7600mg/m3/8H)	orl-rat 43g/kg
17.	Bromodichloromethane	35171	101623	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-27-4	N/A	orl-rat 916mg/kg
18.	Dibromochloromethane	35171	101623	0.05	5.00	40002.1	2000	NA	NA	0.017	NA	NA	1999.6	23.0	124-48-1	N/A	orl-rat 848mg/kg
19.	cis-1,2-Dichloroethene	35171	101623	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	156-59-2	N/A	N/A
20.	trans-1,2-Dichloroethene	35171	101623	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.6	23.0	156-60-5	N/A	orl-rat 1235mg/kg
21.	Methylene chloride	35171	101623	0.05	5.00	40002.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-09-2	500 ppm	orl-rat 820mg/kg
22.	1,1-Dichloroethene	32251	102023	0.10	10.00	20001.6	2000	NA	NA	0.042	NA	NA	1999.7	20.4	75-35-4	1 ppm (4mg/m3/8H)	orl-rat 200mg/kg
23.	Bromoform	95321	020724	0.10	10.00	20003.2	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-25-2	0.5 ppm (5mg/m3) (skin)	orl-rat 933mg/kg
24.	Carbon tetrachloride	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	56-23-5	2 ppm (12.6mg/m3/8H)	orl-rat 2350mg/kg
25.	Chloroform	95321	020724	0.10	10.00	20024.0	2000	NA	NA	0.042	NA	NA	2001.9	20.5	67-66-3	50 ppm (240mg/m3) (CL)	orl-rat 908mg/kg
26.	Dibromomethane	95321	020724	0.10	10.00	20002.9	2000	NA	NA	0.042	NA	NA	1999.8	20.5	74-95-3	N/A	orl-rat 108mg/kg
27.	1,1-Dichloroethane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-34-3	100 ppm	orl-rat 725mg/kg
28.	2,2-Dichloropropane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	594-20-7	N/A	N/A
29.	Tetrachloroethene	95321	020724	0.10	10.00	20201.1	2000	NA	NA	0.042	NA	NA	2019.6	20.8	127-18-4	25 ppm (170mg/m3/8H)(final)	orl-rat 2629mg/kg
30.	1,1,1-Trichloroethane	95321	020724	0.10	10.00	20003.0	2000	NA	NA	0.042	NA	NA	1999.8	20.5	71-55-6	350 ppm (1900mg/m3/8H)	orl-rat 10300mg/kg
31.	1,2-Dibromo-3-chloropropane	35161	112322	0.05	5.00	40016.5	2000	NA	NA	0.017	NA	NA	2000.3	22.9	96-12-8	0.001 ppm	orl-rat 170mg/kg
32.	1,2-Dibromoethane	35161	112322	0.05	5.00	40024.8	2000	NA	NA	0.017	NA	NA	2000.7	22.9	106-93-4	20 ppm (8H)	orl-rat 108mg/kg
33.	1,2-Dichloroethane	35161	112322	0.05	5.00	40018.0	2000	NA	NA	0.017	NA	NA	2000.4	22.9	107-06-2	50 ppm (8H)	orl-rat 670mg/kg
34.	1,2-Dichloropropane	35161	112322	0.05	5.00	40051.0	2000	NA	NA	0.017	NA	NA	2002.0	22.9	78-87-5	75 ppm (350mg/m3/8H)	orl-rat 1947mg/kg
35.	1,3-Dichloropropane	35161	112322	0.05	5.00	40005.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	142-28-9	N/A	unr-mus 3600mg/kg
36.	1,1-Dichloropropene	35161	112322	0.05	5.00	40012.1	2000	NA	NA	0.017	NA	NA	2000.1	29.7	563-58-6	N/A	N/A
37.	cis-1,3-Dichloropropene	35161	112322	0.05	5.00	40010.0	2000	NA	NA	0.017	NA	NA	2000.0	23.0	10061-01-5	N/A	N/A
38.	trans-1,3-Dichloropropene	35161	112322	0.05	5.00	40017.6	2000	NA	NA	0.017	NA	NA	2000.4	23.0	10061-02-6	N/A	N/A
39.	Hexachloro-1,3-butadiene	35161	112322	0.05	5.00	40021.9	2000	NA	NA	0.017	NA	NA	2000.6	29.7	87-68-3	0.02 ppm (0.24mg/m3/8H)	orl-rat 82mg/kg
40.	1,1,1,2-Tetrachloroethane	35161	112322	0.05	5.00	40011.9	2000	NA	NA	0.017	NA	NA	2000.1	22.9	630-20-6	N/A	orl-rat 670mg/kg
41.	1,1,2,2-Tetrachloroethane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	79-34-5	5 ppm (35mg/m3/8H)(skin)	orl-rat 800mg/kg
42.	1,1,2-Trichloroethane	35161	112322	0.05	5.00	40006.6	2000	NA	NA	0.017	NA	NA	1999.8	23.0	79-00-5	10 ppm (45mg/m3/8H)(skin)	orl-rat 836mg/kg
43.	Trichloroethene	35161	112322	0.05	5.00	40029.0	2000	NA	NA	0.017	NA	NA	2000.9	22.9	79-01-6	50 ppm (270mg/m3/8H)	orl-mus 2402mg/kg
44.	1,2,3-Trichloropropane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	96-18-4	10 ppm (60mg/m3/8H)	orl-rat 149.6mg/kg
45.	Benzene	35162	050823	0.05	5.00	40005.0	2000	NA	NA	0.017	NA	NA	1999.7	22.9	71-43-2	1 ppm	orl-rat 4894mg/kg
46.	Bromobenzene	35162	050823	0.05	5.00	40006.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-86-1	N/A	orl-rat 2699mg/kg
47.	n-Butyl benzene	35162	050823	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	104-51-8	N/A	N/A
48.	Ethyl benzene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-41-4	100 ppm (435mg/m3/8H)	orl-rat >2000mg/kg
49.	p-Isopropyl toluene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	99-87-6	N/A	orl-rat 4750mg/kg
50.	Naphthalene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	91-20-3	10 ppm (50mg/m3/8H)	orl-rat 490mg/kg
51.	Styrene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-42-5	100 ppm	orl-rat 5000mg/kg
52.	Toluene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-88-3	200 ppm	orl-rat 5000mg/kg
53.	1,2,3-Trichlorobenzene	35162	050823	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	87-61-6	N/A	ipr-mus 1390mg/kg
54.	1,2,4-Trichlorobenzene	35162	050823	0.05	5.00	40006.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	120-82-1	5 ppm (CL) (40mg/m3)	orl-rat 756mg/kg
55.	1,2,4-Trimethylbenzene	35162	050823	0.05	5.00	40001.6	2000	NA	NA	0.017	NA	NA	1999.6	23.0	95-63-6	N/A	orl-rat 5g/kg
56.	1,3,5-Trimethylbenzene	35162	050823	0.05	5.00	40006.7	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-67-8	N/A	orl-rat 5000mg/kg
57.	m-Xylene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-38-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg
58.	tert-Butyl benzene	35163	101923	0.05	5.00	40001.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	98-06-6	N/A	N/A
59.	sec-Butyl benzene	35163	101923	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.8	22.9	135-98-8	N/A	orl-rat 2240mg/kg
60.	Chlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	108-90-7	75 ppm (350mg/m3/8H)	orl-rat 2290mg/kg
61.	2-Chlorotoluene	35163	101923	0.05	5.00	40000.3	2000	NA	NA	0.017	NA	NA	1999.5	22.9	95-49-8	50 ppm (250mg/m3/8H)	orl-rat 3900mg/kg
62.	4-Chlorotoluene	35163	101923	0.05	5.00	40003.3	2000	NA	NA	0.017	NA	NA	1999.7	22.9	106-43-4	N/A	orl-rat 2100mg/kg
63.	1,2-Dichlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	95-50-1	50 ppm (300mg/m3) (CL)	orl-rat 500mg/kg
64.	1,3-Dichlorobenzene	35163	101923	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	23.0	541-73-1	N/A	ipr-mus 1062mg/kg
65.	1,4-Dichlorobenzene	35163	101923	0.05	5.00	40001.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	106-46-7	75 ppm (450mg/m3/8H)	orl-rat 500mg/kg
66.	Isopropylbenzene	35163	101923	0.05	5.00	40000.8	2000	NA	NA	0.017	NA	NA	1999.5	22.9	98-82-8	50 ppm (245mg/m3/8H)	orl-rat 1400mg/kg
67.	n-Propylbenzene	35163	101923	0.05	5.00	40003.4	2000	NA	NA	0.017	NA	NA	1999.7	23.0	103-65-1	N/A	orl-rat 8040mg/kg
68.	o-Xylene	35163	101923	0.05	5.00	40040.8	2000	NA	NA	0.017	NA	NA	2001.5	23.0	95-47-6	100 ppm (435mg/m3/8H)	ipr-mus 1364mg/kg
69.	p-Xylene	35163	101923	0.05	5.00	40000.8	2000	NA	NA	0.017	NA	NA	1999.5	22.9	106-42-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Run 16, "P95317 L021624 [2000µg/mL in MeOH]"

Run Length: 60.00 min, 35998 points at 10 points/second.
Created: Sat, Feb 17, 2024 at 8:56:46 AM.
Sampled: Sequence "021624-GC5M1", Method "GC5-M1".
Analyzed using Method "GC5-M1".

Comments
GC5-M1 Analysis by Candice Warren
Column ID SPB-Vocol 105 meter X 0.53mm X 3.0µm film thickness
Flow rates: Total flow=290mL/min., Helium (carrier)=10mL/min.,
Helium(make-up)=10mL/min., Hydogen(make-up)=40mL/min., Air(make-up)=230mL/min.
Oven Profile: Temp. 1=35°C (Time 1=10 min.), Temp 2=200°C (Time 2=8.75 min.),
Rate = 4°C/min., Total run time=60 min. Injector temp.=200°C, FID Temp.=200°C.
FID Signal = Edaq Channel 1
Standard injection = 0.5µL, Range=3



Peak #	Name	FID RT (min.)
1	Ether	6.97
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	20.46
15	Carbon tetrachloride	20.79
16	Benzene/1,2-Dichloroethane	21.48
17	Trichloroethene	23.86
18	1,2-Dichloropropane	24.26
19	Methyl methacrylate	24.62
20	Bromodichloromethane	25.13
21	Dibromomethane/2-Nitropropane	25.46
22	cis-1,3-Dichloropropene	27.02
23	Toluene	28.09
24	Ethyl methacrylate/trans-1,3-Dichloropropene	28.73
25	1,1,2-Trichloroethene	29.34
26	Tetrachloroethane/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	35.23
33	Styrene	35.30
34	Isopropylbenzene/Bromoform	35.48
35	cis-1,4-Dichloro-2-butene	36.80
36	1,1,2,2-Tetrachloroethane	37.23
37	1,2,3-Trichloropropane	37.77
38	n-Propylbenzene	37.92
39	trans-1,4-Dichloro-2-butene	38.05
40	Bromobenzene	38.14
41	1,3,5-Trimethylbenzene	38.50
42	2-Chlorotoluene	38.62
43	4-Chlorotoluene	38.77
44	tert-Butylbenzene	39.76
45	1,2,4-Trimethylbenzene	39.91
46	Pentachloroethane	40.17
47	sec-Butylbenzene	40.52
48	p-Isopropyltoluene	41.02
49	1,3-Dichlorobenzene	41.42
50	1,4-Dichlorobenzene	41.63
51	n-Butylbenzene	42.82
52	1,2-Dichlorobenzene	43.18
53	1,2-Dibromo-3-chloropropane	46.12
54	Nitrobenzene	46.58
55	1,2,4-Trichlorobenzene	49.26
56	Hexachlorobutadiene	49.72
57	Naphthalene	50.26
58	1,2,3-Trichlorobenzene	51.16

Absolute Standards Inc.

PO Box 5585
Hamden, CT 06518-0585

Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International	**1-352-323-3500**
		Date Prepared/Revised	January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**



Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	% (optional) > 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
Storage Conditions	Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions Vapours may form explosive mixture with air.
Conditions to avoid Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

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800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 09/16/24 2 Vials

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CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 091424
Description: Acrolein

Solvent(s): Water **Lot#** 072324Q

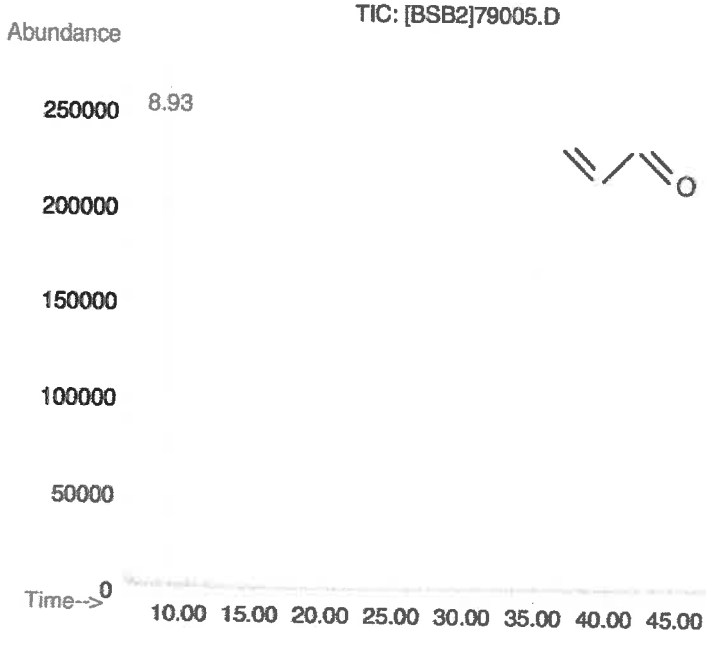
Expiration Date: 101424
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

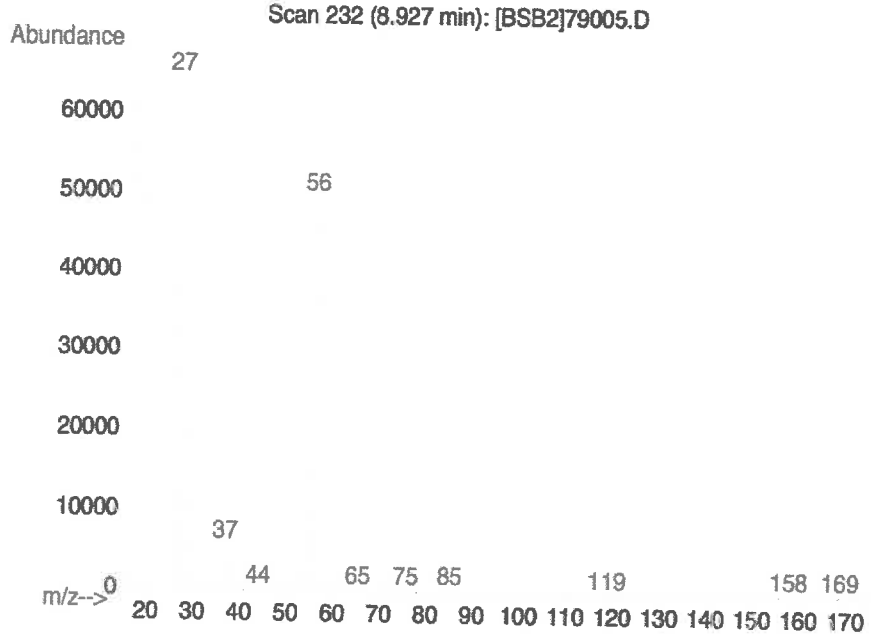
Weight(s) shown below were combined and diluted to (mL): 10.0 | 5E-05 Balance Uncertainty | 0.001 Flask Uncertainty

Justin Dippold	091424
Formulated By: Justin Dippold	DATE
Pedro Rentas	091424
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05175	5008.9	52.5	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 09/16/24 2 Vials

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CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 091424
Description: Acrolein

Solvent(s): Water **Lot#** 072324Q

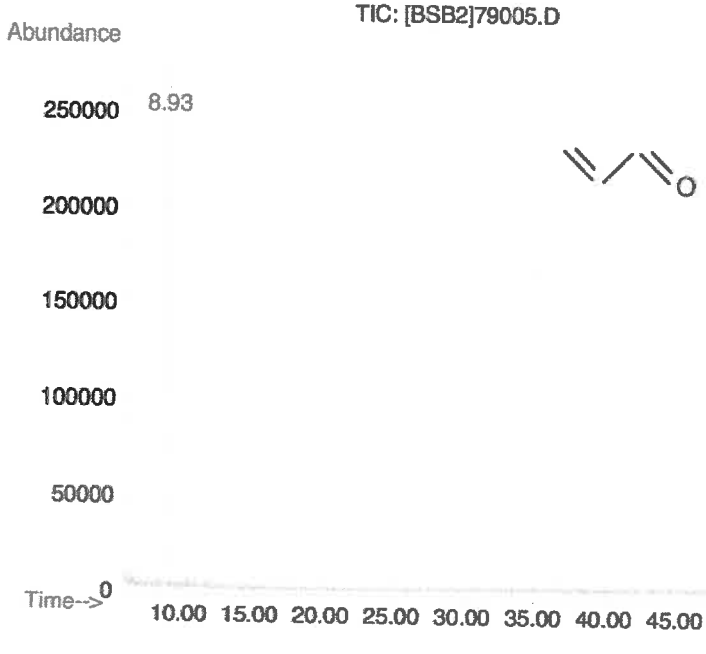
Expiration Date: 101424
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

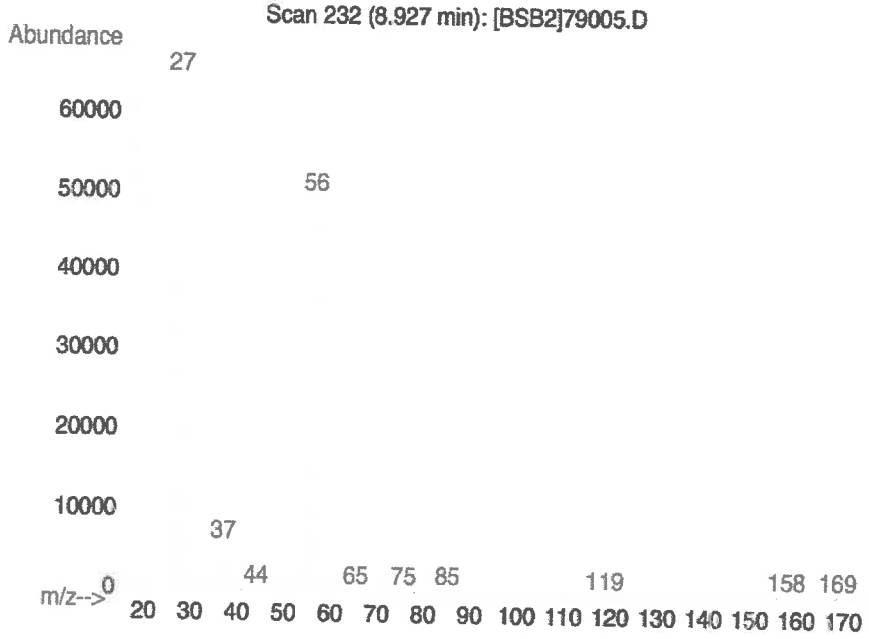
Weight(s) shown below were combined and diluted to (mL): 10.0 | 5E-05 Balance Uncertainty | 0.001 Flask Uncertainty

Justin Dippold	091424
Formulated By: Justin Dippold	DATE
Pedro Rentas	091424
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05175	5008.9	52.5	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

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Certified Reference Material CRM

Rec 12/6/24
20 vial
V14630 to
V14649

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95318
Lot Number: 120524
Description: 2-Chloroethyl vinyl ether

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EJ143-US

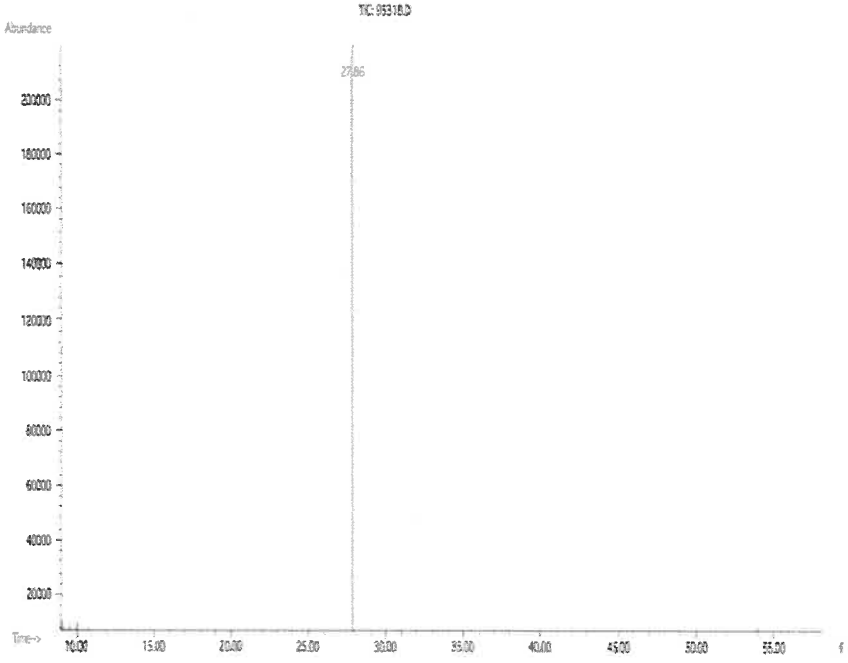
5E-05 Balance Uncertainty
0.001 Flask Uncertainty

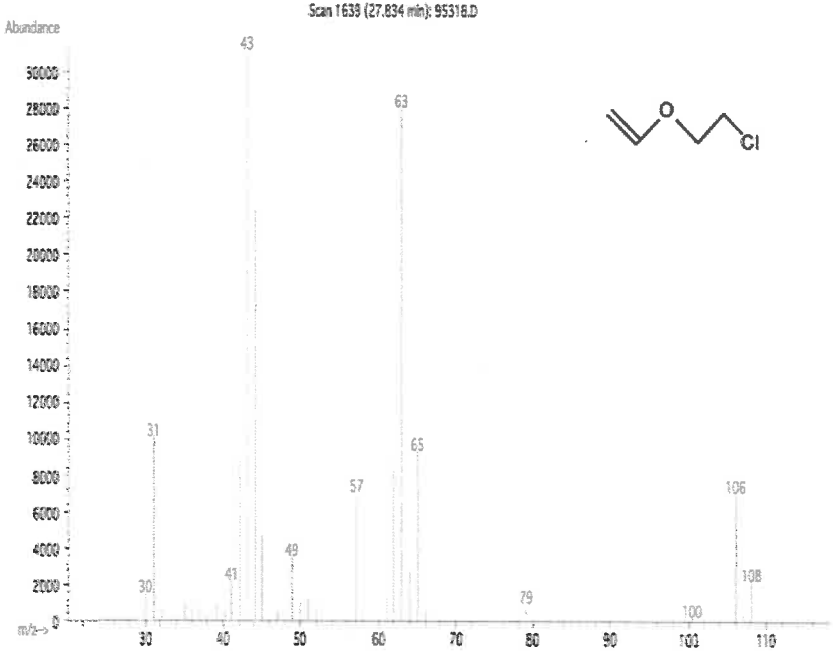
Weight(s) shown below were combined and diluted to (mL): 50.0

Prashant Chauhan		120524
Formulated By:	Prashant Chauhan	DATE
Pedro Rentas		120524
Reviewed By:	Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	0.50550	10002.9	40.5	110-75-8	N/A	ori-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Absolute Standards Inc.
PO Box 5585
Hamden, CT 06518-0585
Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International Date Prepared/Revised	**1-352-323-3500** January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**



Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability — Stable under recommended storage conditions.
Possibility of hazardous reactions — Vapours may form explosive mixture with air.
Conditions to avoid — Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid — Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

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Certified Reference Material CRM

Rec 12/6/24
20 vial
V14630 to
V14649

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95318
Lot Number: 120524
Description: 2-Chloroethyl vinyl ether

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

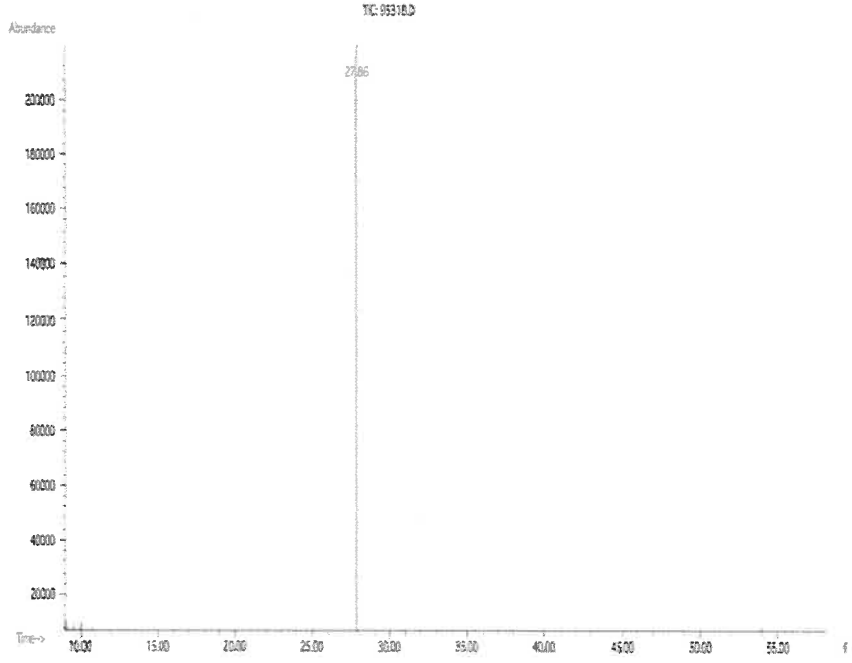
Solvent(s): Methanol **Lot#** EJ143-US

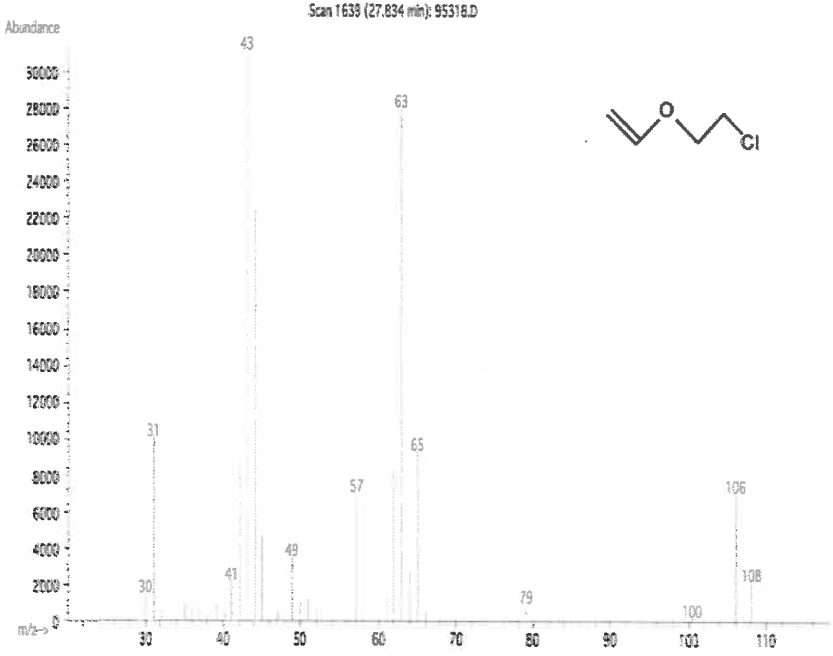
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Prashant Chauhan	120524
Formulated By: Prashant Chauhan	DATE
Pedro Rentas	120524
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	0.50550	10002.9	40.5	110-75-8	N/A	ori-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Absolute Standards Inc.
PO Box 5585
Hamden, CT 06518-0585
Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International Date Prepared/Revised	**1-352-323-3500** January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**



Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions Vapours may form explosive mixture with air.
Conditions to avoid Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

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CERTIFIED WEIGHT REPORT

Part Number: 95318
Lot Number: 120524
Description: 2-Chloroethyl vinyl ether

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

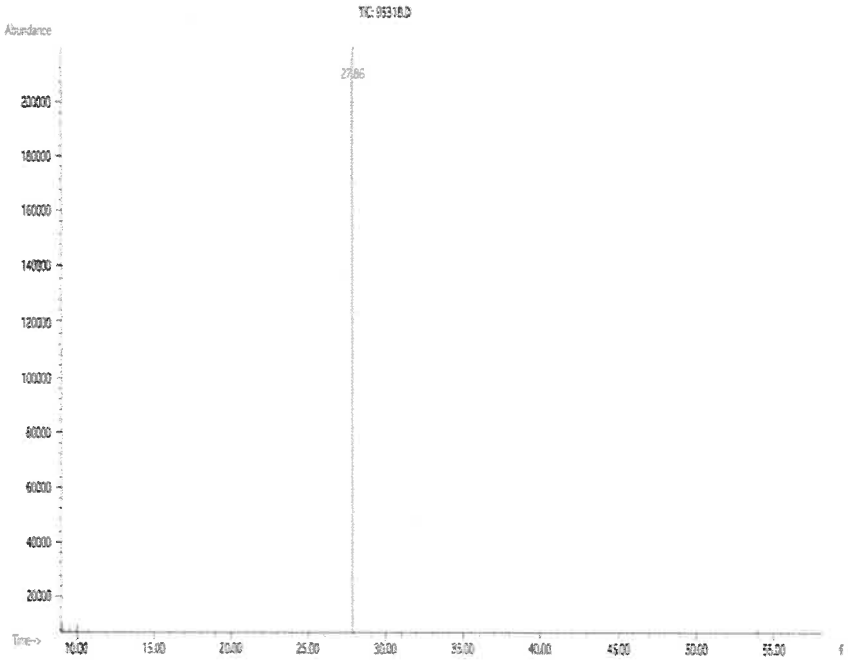
Solvent(s): Methanol **Lot#** EJ143-US

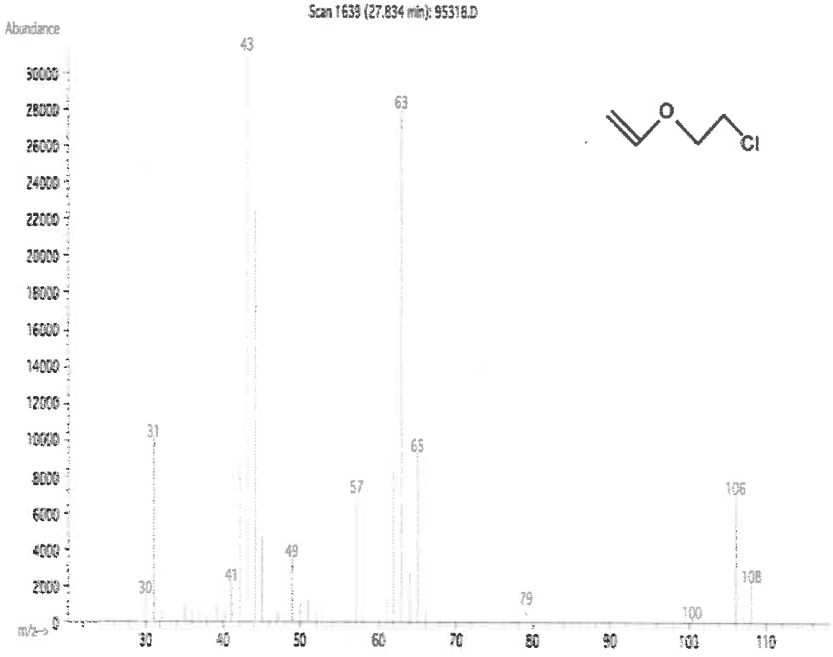
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Prashant Chauhan	120524
Formulated By: Prashant Chauhan	DATE
Pedro Rentas	120524
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	0.50550	10002.9	40.5	110-75-8	N/A	ori-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





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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.

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Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

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Section X. STABILITY AND REACTIVITY

Chemical stability — Stable under recommended storage conditions.
Possibility of hazardous reactions — Vapours may form explosive mixture with air.
Conditions to avoid — Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid — Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
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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
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Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
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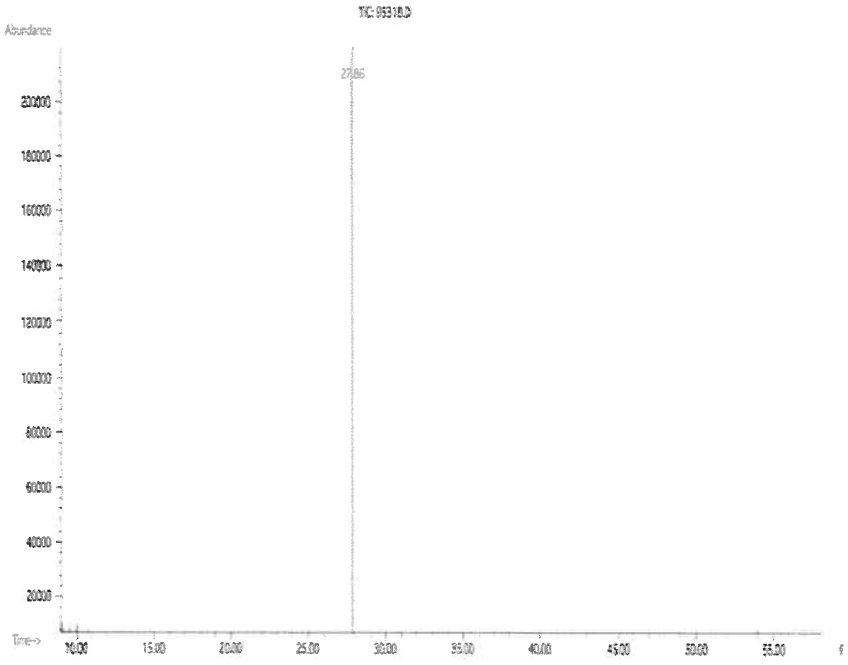
Solvent(s): Methanol **Lot#** EJ143-US

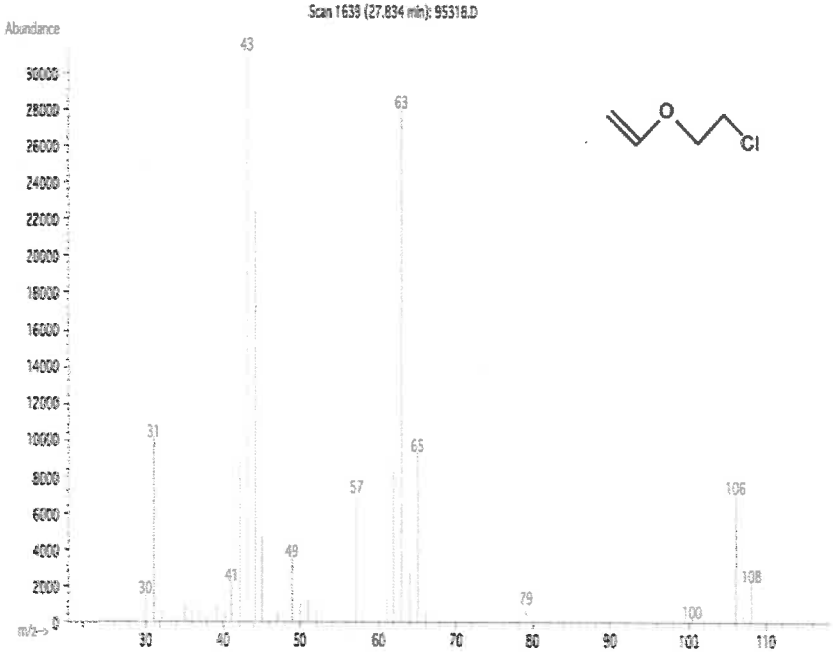
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Prashant Chauhan		120524
Formulated By:	Prashant Chauhan	DATE
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Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	0.50550	10002.9	40.5	110-75-8	N/A	ori-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





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Safety Data Sheet (SDS) GHS/OSHA Compliant

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Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International Date Prepared/Revised	**1-352-323-3500** January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
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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.
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If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
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Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions Vapours may form explosive mixture with air.
Conditions to avoid Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 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.)

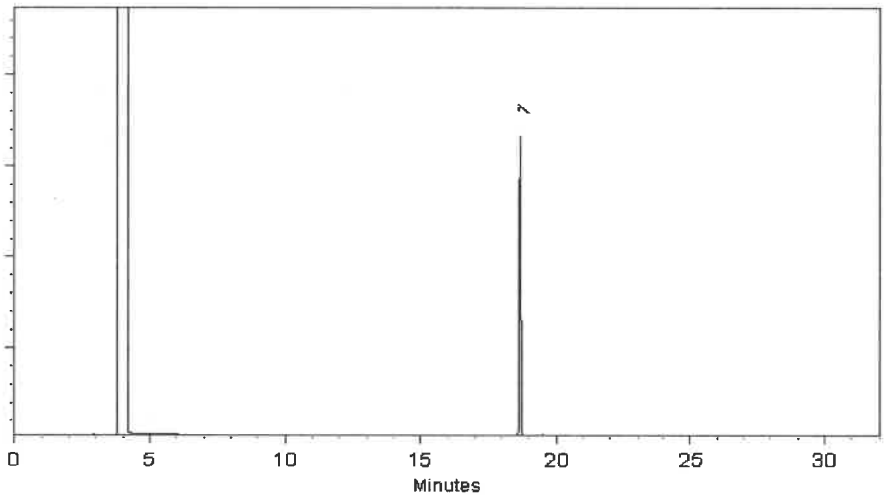
Inj. Temp:
200°C

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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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30006 **Lot No.:** A0200785

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBP8774	99%	5,018.5 µg/mL	+/- 173.4162
2	2-Butanone (MEK)	78-93-3	SHBL5543	99%	5,016.0 µg/mL	+/- 173.3298
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP4724	99%	5,010.7 µg/mL	+/- 173.1455
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,015.0 µg/mL	+/- 173.2952

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

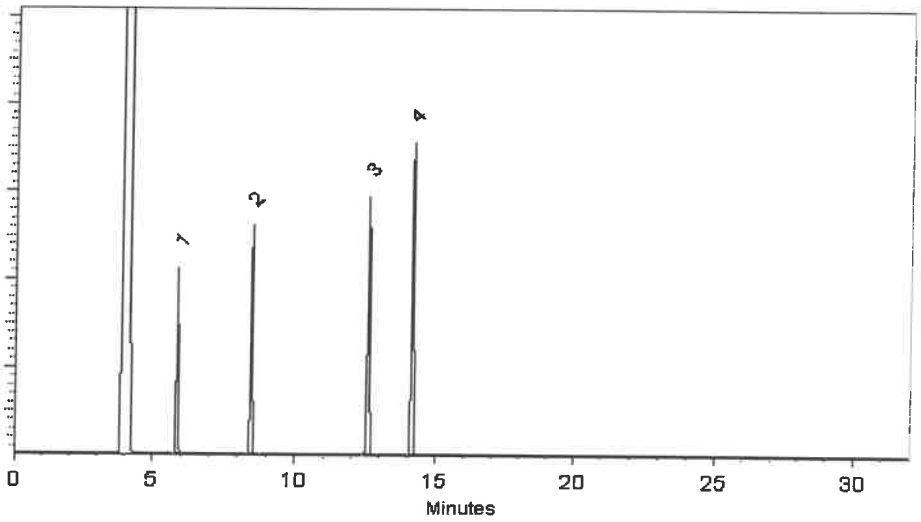
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I

Date Mixed: 09-Aug-2023 **Balance Serial #** B707717271

Marlina Cowan – Operations Tech II ARM QC

Date Passed: 16-Aug-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30006 **Lot No.:** A0200785

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBP8774	99%	5,018.5 µg/mL	+/- 173.4162
2	2-Butanone (MEK)	78-93-3	SHBL5543	99%	5,016.0 µg/mL	+/- 173.3298
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP4724	99%	5,010.7 µg/mL	+/- 173.1455
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,015.0 µg/mL	+/- 173.2952

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

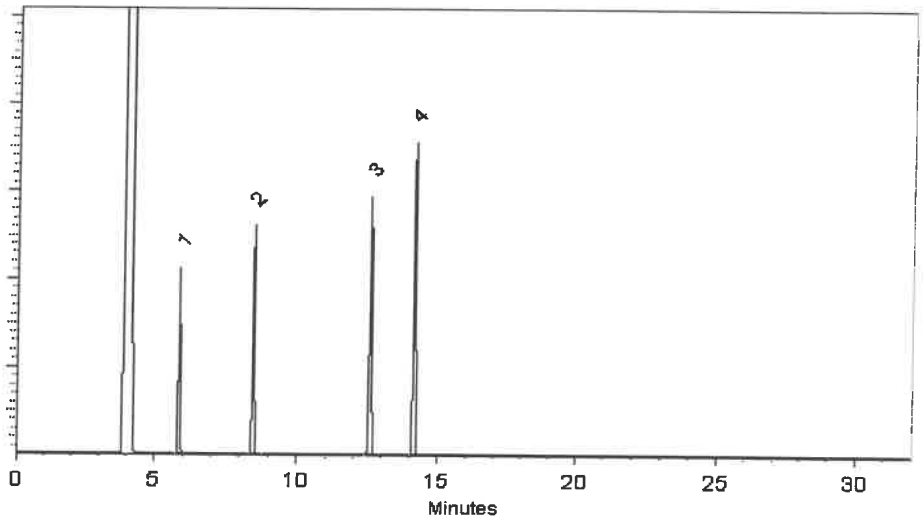
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I

Date Mixed: 09-Aug-2023 **Balance Serial #** B707717271

Marlina Cowan – Operations Tech II ARM QC

Date Passed: 16-Aug-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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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.:** A0200785

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBP8774	99%	5,018.5 µg/mL	+/- 173.4162
2	2-Butanone (MEK)	78-93-3	SHBL5543	99%	5,016.0 µg/mL	+/- 173.3298
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP4724	99%	5,010.7 µg/mL	+/- 173.1455
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,015.0 µg/mL	+/- 173.2952

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

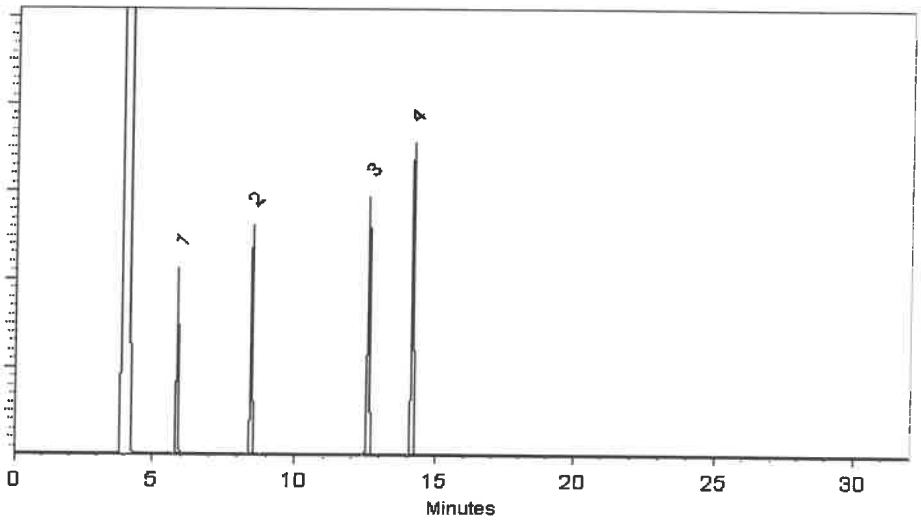
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I **Date Mixed:** 09-Aug-2023 **Balance Serial #** B707717271

Marlina Cowan – Operations Tech II ARM QC **Date Passed:** 16-Aug-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ilac-MRA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555581 **Lot No.:** A0210184

Description : Custom 8260 Internal Standard Mix

Custom 8260 Internal Standard Mix 25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	25,212.0 µg/mL	+/- 1,427.8857
2	1,4-Difluorobenzene	540-36-3	MKCS8657	99%	25,220.0 µg/mL	+/- 1,428.3388
3	Chlorobenzene-d5	3114-55-4	PR-31132	99%	25,116.0 µg/mL	+/- 1,422.4487
4	Pentafluorobenzene	363-72-4	MKCR9383	99%	25,180.0 µg/mL	+/- 1,426.0734

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

John Friedline - Operations Technician I

Date Mixed: 11-Apr-2024 **Balance:** 1127510105

REVIEWED

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
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- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- 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.

CERTIFIED REFERENCE MATERIAL

Rec: 12/09/24

Certificate of Analysis

chromatographic plus

V14667 to
V14676

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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.)

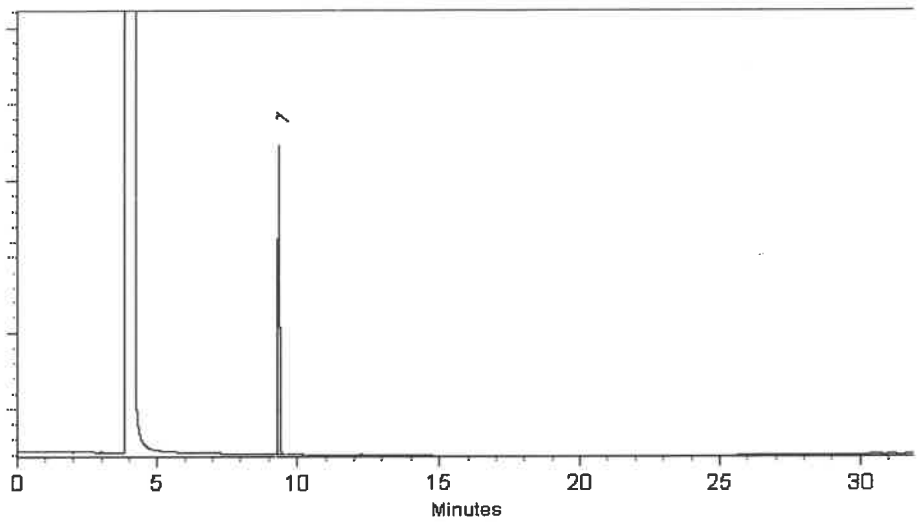
Inj. Temp:
200°C

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.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Rec: 12/09/24

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Reference Material Producer
Certificate #3222.01

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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. : 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.)

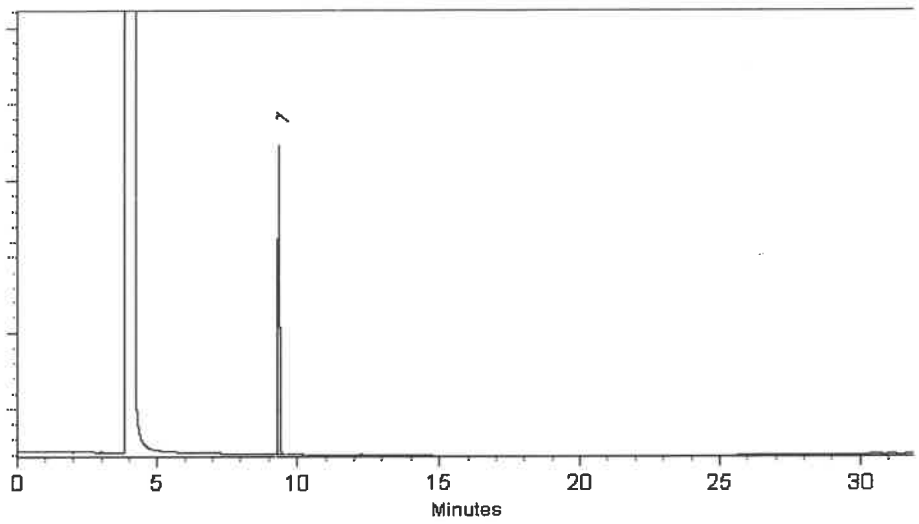
Inj. Temp:
200°C

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:

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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

Rec: 12/09/24

Certificate of Analysis

chromatographic plus

V14667 to
V14676

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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. : 30225 **Lot No.:** A0214960

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Bromochloromethane	74-97-5	SYN240416CTH	99%	2,012.0 µg/mL	+/- 113.0519

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

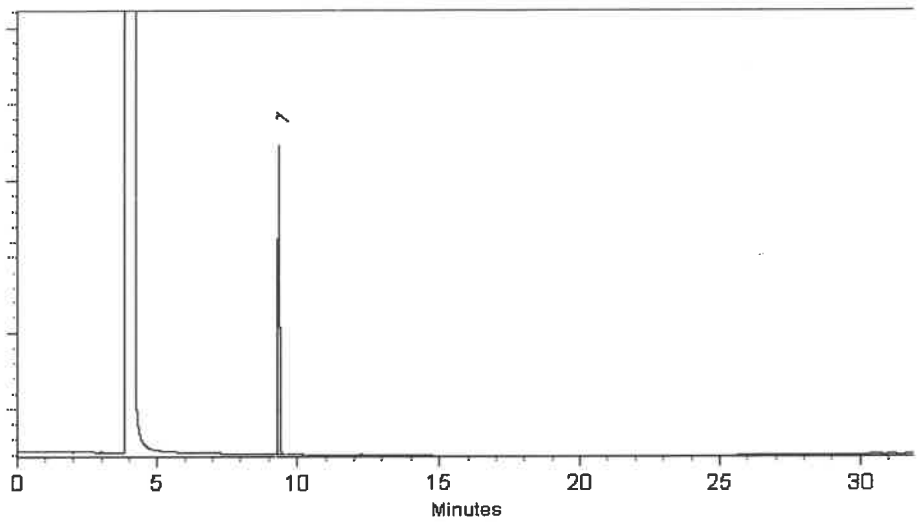
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I

Date Mixed: 08-Aug-2024 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 14-Aug-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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CERTIFIED REFERENCE MATERIAL

Rec: 12/09/24

Certificate of Analysis

chromatographic plus

V14667 to
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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. : 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.)

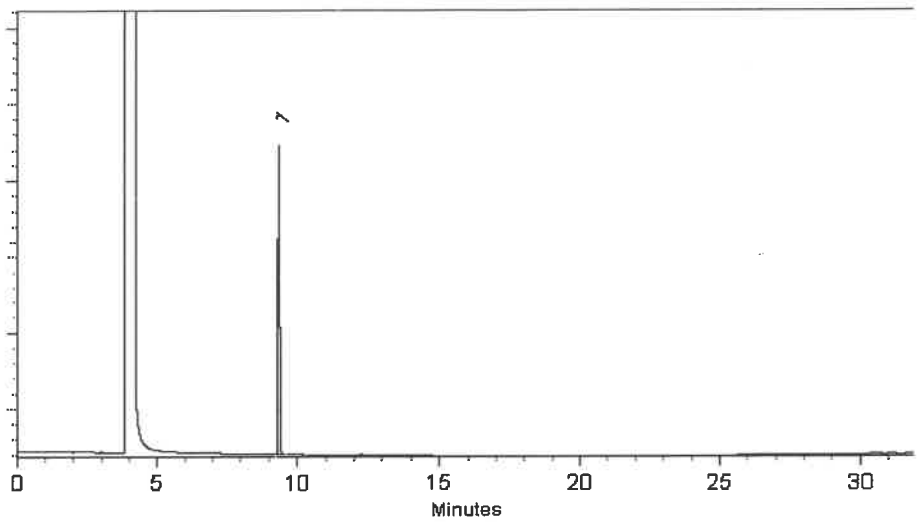
Inj. Temp:
200°C

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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Rec 12/17/24

CERTIFIED REFERENCE MATERIAL

30 Vial

Certificate of Analysis

chromatographic plus

V14727 to V14756

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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. : 30042 **Lot No.:** A0216826

Description : 502.2 Calibration Mix #1

502.2 Calibration Mix #1 2,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2031 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,000.9 µg/mL	+/- 112.4144
2	Chloromethane (methyl chloride)	74-87-3	00022694	99%	2,000.7 µg/mL	+/- 112.3998
3	Vinyl chloride	75-01-4	00015559	99%	2,000.3 µg/mL	+/- 112.3779
4	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,001.8 µg/mL	+/- 112.4650
5	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,000.1 µg/mL	+/- 112.3700
6	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,000.7 µg/mL	+/- 112.3992

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
60m x 0.25mm x 1.4µm
Rtx-502.2 (cat.#10916)

Carrier Gas:
helium-constant flow 2.0 mL/min.

Temp. Program:
40°C (hold 6 min.) to 100°C
@ 6°C/min.

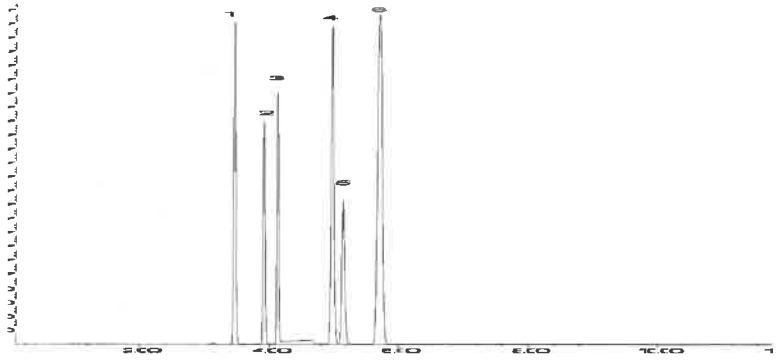
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD

Split Vent:
Split ratio 10:1

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 23-Sep-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 04-Oct-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Rec 12/17/24

CERTIFIED REFERENCE MATERIAL

30 Vial

Certificate of Analysis

chromatographic plus

V14727 to
V14756

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Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30042 **Lot No.:** A0216826

Description : 502.2 Calibration Mix #1

502.2 Calibration Mix #1 2,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2031 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,000.9 µg/mL	+/- 112.4144
2	Chloromethane (methyl chloride)	74-87-3	00022694	99%	2,000.7 µg/mL	+/- 112.3998
3	Vinyl chloride	75-01-4	00015559	99%	2,000.3 µg/mL	+/- 112.3779
4	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,001.8 µg/mL	+/- 112.4650
5	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,000.1 µg/mL	+/- 112.3700
6	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,000.7 µg/mL	+/- 112.3992

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
60m x 0.25mm x 1.4µm
Rtx-502.2 (cat.#10916)

Carrier Gas:
helium-constant flow 2.0 mL/min.

Temp. Program:
40°C (hold 6 min.) to 100°C
@ 6°C/min.

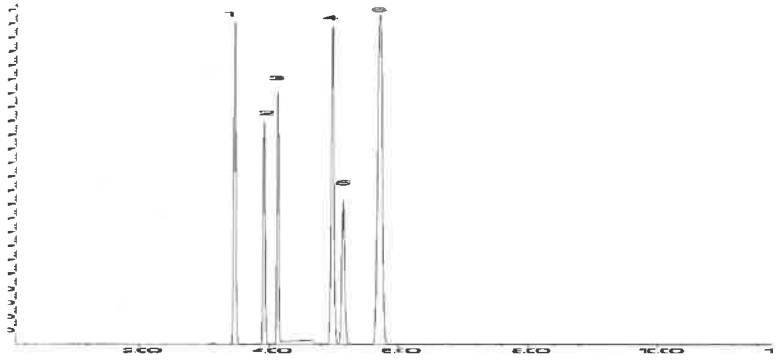
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD

Split Vent:
Split ratio 10:1

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 23-Sep-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 04-Oct-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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CERTIFIED REFERENCE MATERIAL

ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

J14842 to 14846

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30470 **Lot No.:** A0217535

Description : tert-Butanol Standard

tert-Butanol Std 50,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	tert-Butanol (TBA)	75-65-0	SHBQ8002-1	99%	50,007.5 µg/mL	+/- 717.6137

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

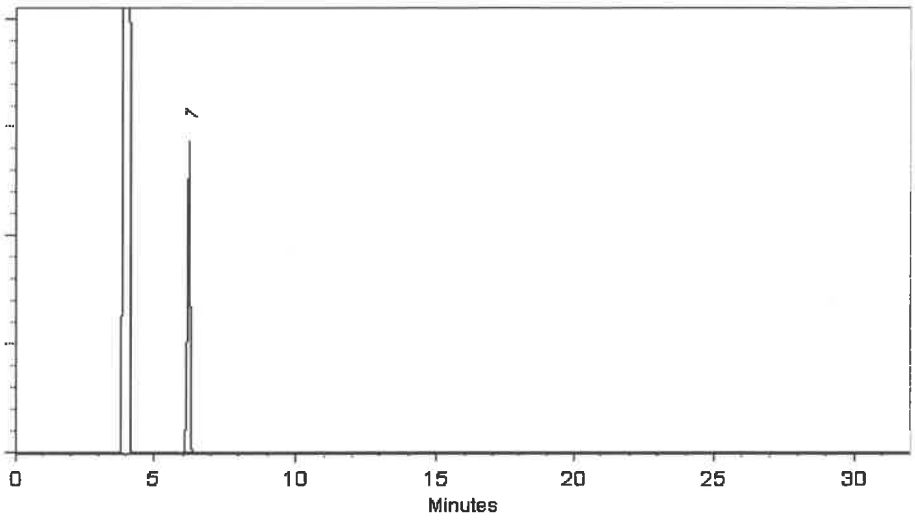
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Aaron Enyart - Operations Tech I

Date Mixed: 07-Oct-2024 **Balance Serial #** B251644995

Brittany Federinko - Operations Tech I

Date Passed: 09-Oct-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Zoviy Rec 01/08/21

CERTIFIED REFERENCE MATERIAL

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic

V14803 - V14822

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.)

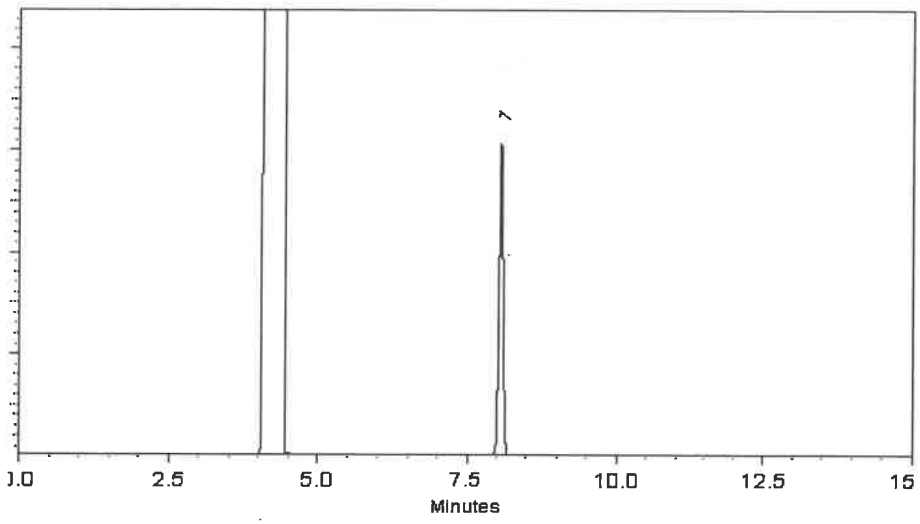
Inj. Temp:
200°C

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.

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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.)

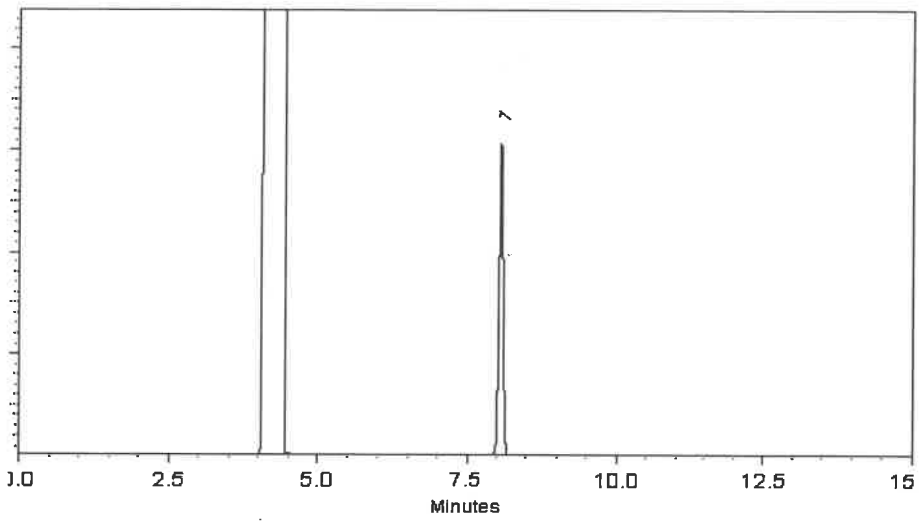
Inj. Temp:
200°C

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.

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10 vial

CERTIFIED REFERENCE MATERIAL

Lee 03/31/25

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.

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

Lee 05/19/25

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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL
2 x Vial

Certificate of Analysis

chromatographic plus

VJ14951 to VJ14970

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30489 **Lot No.:** A0222076

Description : 8260B Acetates Mix

8260B Acetates Mix 2,000 µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Methyl acetate	79-20-9	SHBR1889	99%	2,004.0 µg/mL	+/- 69.2674
2	Vinyl acetate	108-05-4	RD240423RSR	99%	2,010.0 µg/mL	+/- 69.4748
3	Ethyl acetate	141-78-6	SHBS3323	99%	2,019.3 µg/mL	+/- 69.7974
4	Isopropyl acetate	108-21-4	BCCG7069	99%	2,008.0 µg/mL	+/- 69.4057
5	Propyl acetate	109-60-4	P8XLN	99%	2,008.0 µg/mL	+/- 69.4057
6	Butyl acetate	123-86-4	SHBR2024	99%	2,008.0 µg/mL	+/- 69.4057
7	Amyl acetate	628-63-7	BCBT7442	99%	2,006.7 µg/mL	+/- 69.3596

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this

Lee 05/19/25

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL
2 x Vial

Certificate of Analysis

chromatographic plus

VJ14951 to VJ14970

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30489 **Lot No.:** A0222076

Description : 8260B Acetates Mix

8260B Acetates Mix 2,000 µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Methyl acetate	79-20-9	SHBR1889	99%	2,004.0 µg/mL	+/- 69.2674
2	Vinyl acetate	108-05-4	RD240423RSR	99%	2,010.0 µg/mL	+/- 69.4748
3	Ethyl acetate	141-78-6	SHBS3323	99%	2,019.3 µg/mL	+/- 69.7974
4	Isopropyl acetate	108-21-4	BCCG7069	99%	2,008.0 µg/mL	+/- 69.4057
5	Propyl acetate	109-60-4	P8XLN	99%	2,008.0 µg/mL	+/- 69.4057
6	Butyl acetate	123-86-4	SHBR2024	99%	2,008.0 µg/mL	+/- 69.4057
7	Amyl acetate	628-63-7	BCBT7442	99%	2,006.7 µg/mL	+/- 69.3596

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 09/16/25 5 vial

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 091525
Description: Acrolein

Solvent(s): Water **Lot#** 041725Q

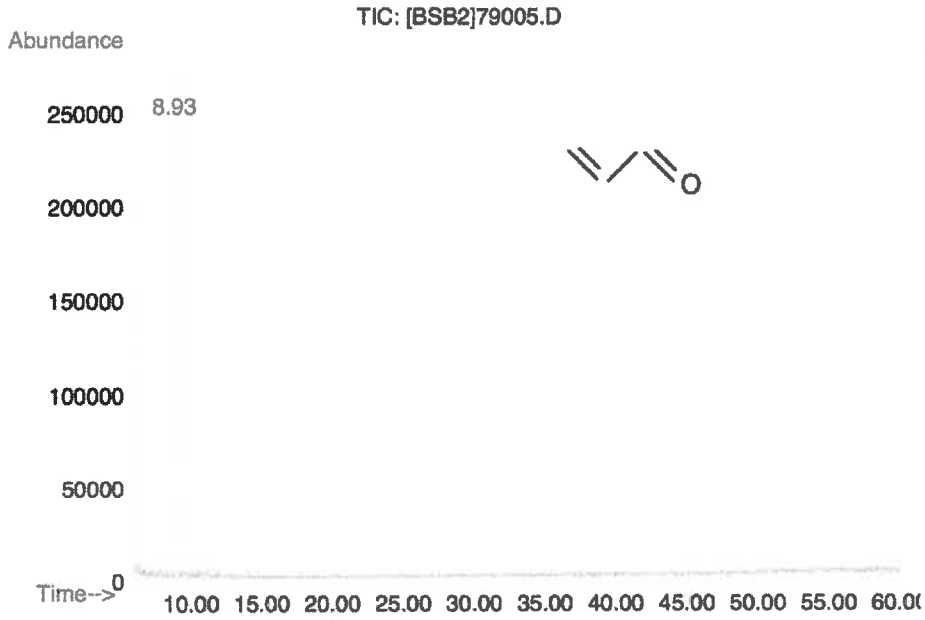
V15064 to V15068

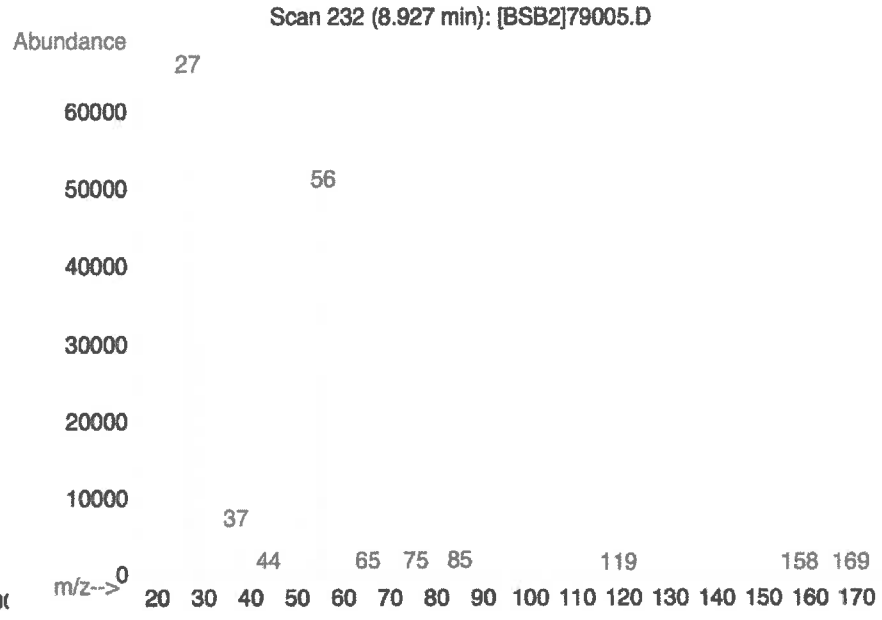
Expiration Date: 101525
Recommended Storage: Refrigerate (2°C to 8°C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB 5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

	091525
Formulated By: Anthony Mahoney	DATE
	091525
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05176	5009.9	52.6	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.) Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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- Standards are prepared gravimetrically using balances that are calibrated by an ISO 17025 certified organization with weights traceable through NIST to the SI kilogram (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Rev 1.0, 2/25/2025

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 09/16/25 5 vial

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 091525
Description: Acrolein

Solvent(s): Water **Lot#** 041725Q

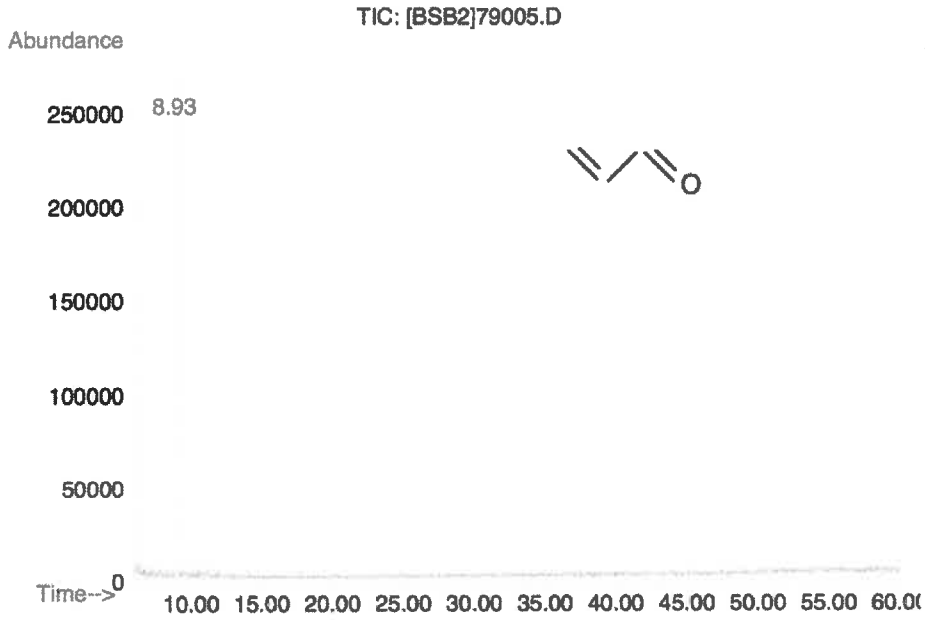
V15064 to V15068

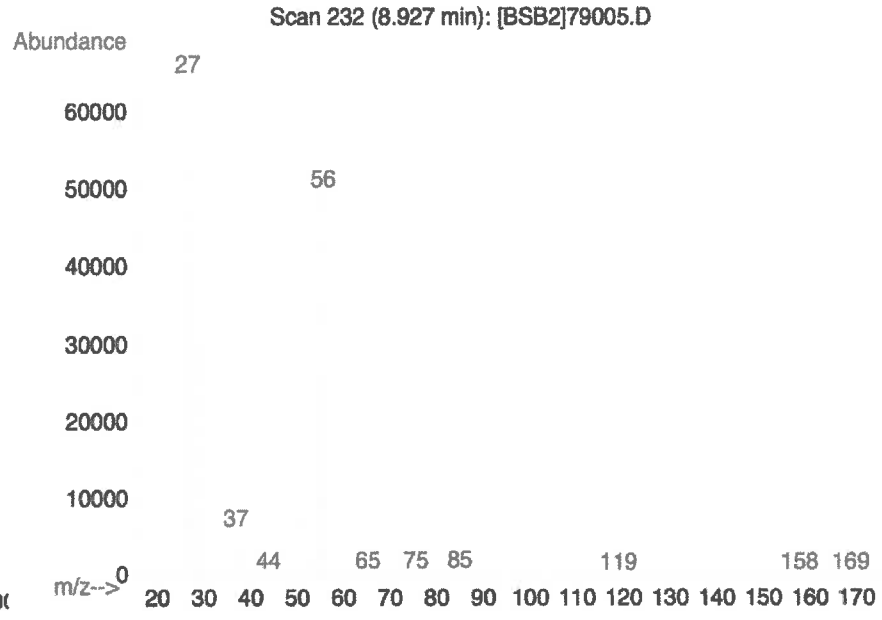
Expiration Date: 101525
Recommended Storage: Refrigerate (2°C to 8°C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB 5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

Formulated By:	Anthony Mahoney	091525 DATE
Reviewed By:	Pedro L. Rentas	091525 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
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Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.) Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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Rev 1.0, 2/25/2025

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 09/16/25 5 vial

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 091525
Description: Acrolein

Solvent(s): Water **Lot#** 041725Q

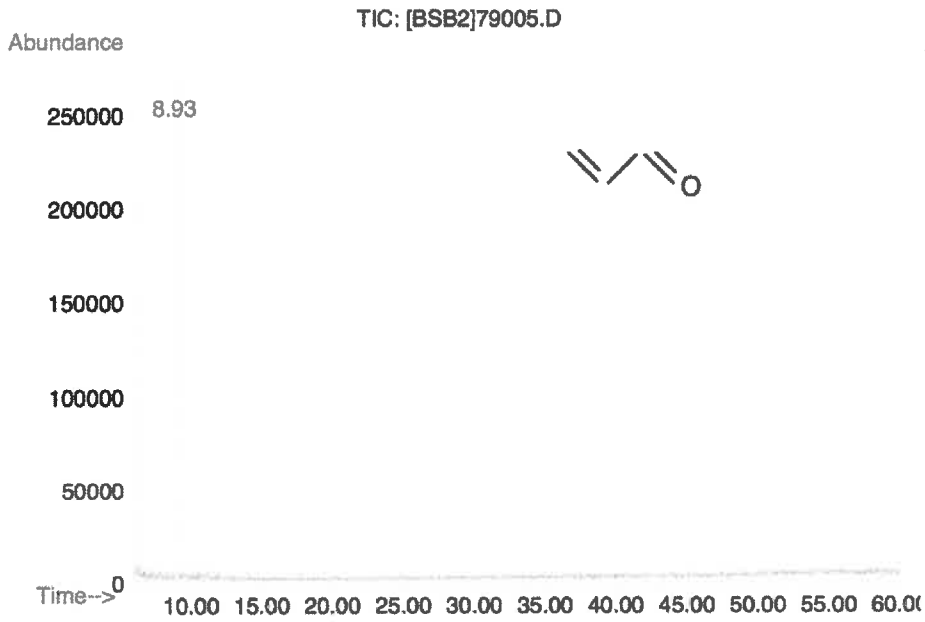
V15064 to V15068

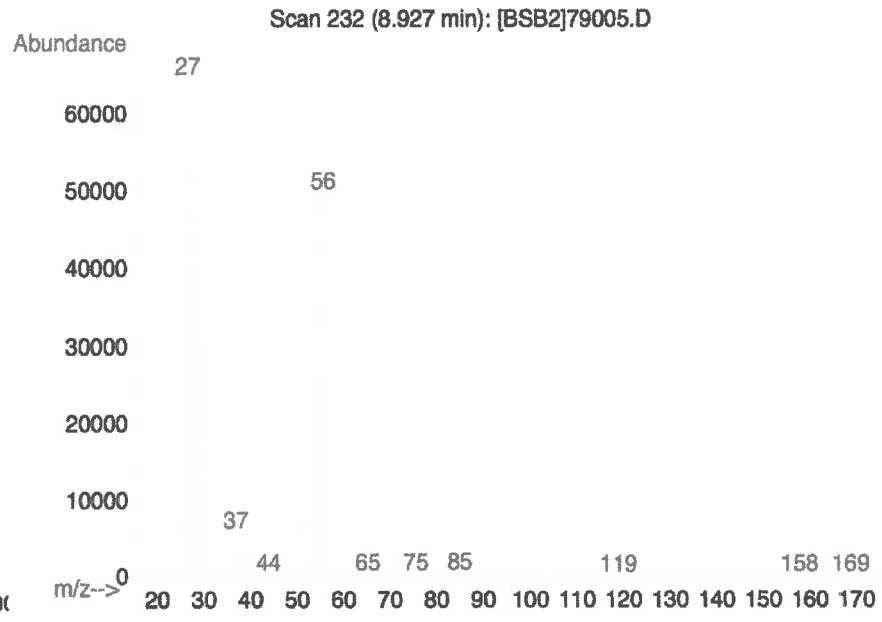
Expiration Date: 101525
Recommended Storage: Refrigerate (2°C to 8°C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB 5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

	091525
Formulated By: Anthony Mahoney	DATE
	091525
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
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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: Q3246

COC Number:

CLIENT INFORMATION	PROJECT INFORMATION	BILLING INFORMATION
COMPANY: Tetra Tech	PROJECT NAME: NWIRP Bethpage	BILL TO: SEE CONTRACT PO#
ADDRESS: 4433 Corporation Lane Suite 300	PROJECT #: 112G08005-WE13 LOCATION: VPB-184	ADDRESS:
CITY: Virginia Beach STATE: VA ZIP: 23462	PROJECT MANAGER: Ernie Wu	CITY: STATE: ZIP:
ATTENTION: Ernie Wu	E-MAIL: ernie.wu@tetratech.com	ATTENTION: PHONE:
PHONE: 757-466-4901 FAX: 757-461-4148	PHONE: 757-466-4901 FAX: 757-461-4148	

DATA TURNAROUND INFORMATION

FAX: 2 & 10 DAYS*
HARD COPY: 2 & 10 DAYS*
EDD 2 & 10 DAYS*
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESEULTS 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-VPB-184-TB-20250925	QA		X	9/25/25	9:00	2		2									Trip Blank
2.	BP-VPB-184-GW-460-462	AQ		X	9/25/25	10:10	3		2	1								
3.	BP-VPB-184-GW-480-482	AQ		X	9/25/25	12:09	3		3									
4.	BP-VPB-184-GW-500-502	AQ		X	9/25/25	14:15	4		3	1								
5.	BP-VPB-184-DUP-20250925	QA		X	9/25/25	12:00	2		2									8260B Duplicate
6.	BP-VPB-184-GW-520-522	AQ		X	9/29/25	12:00	3		3									
7.	BP-VPB-184-GW-540-542	AQ		X	9/29/25	13:56	3		2	1								
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.	9/24/25 1550	1. 1550 9-29-25
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.	9-29-25 830	3.

Conditions of bottles or coolers at receipt: q Compliant q Non Compliant q Cooler Temp 2.2°C
MeOH extraction requires an additional 4oz. Jar for percent solid q Ice in
Cooler?:
Comments: 5 Day TAT - For VOC's see worksheet #15 of SAP 2018 for VPB program VOC list
10-DAY TAT - For 1,4 Dioxane (8270 SIM)

Page 1 of 1

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
CHEMTECH: ☐ Picked Up ☐ Overnight

Shipment Complete ☐ YES ☐ NO

WHITE - CHEMTECH COPYFOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

Alliance TECHNICAL GROUP 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3246 TETR06
Client Name : Tetra Tech NUS, Inc.
Client Contact : Ernie Wu
Invoice Name : Tetra Tech NUS, Inc.
Invoice Contact : Ernie Wu

Order Date : 9/29/2025 4:03:00 PM
Project Name : NWIRP Bethpage 112G080
Receive DateTime : 9/29/2025 ~~12:00:00~~ 18:30 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
Q3246-01	BP-VPB-184-TB-20250925	Water	~~09/29/2025~~ 09/25/2025	09:00	VOC-TCLVOA-10		8260-Low		5 Bus. Days
Q3246-02	BP-VPB-184-GW-460-462	Water	~~09/29/2025~~ 09/25/2025	10:10	VOC-TCLVOA-10		8260-Low		5 Bus. Days
Q3246-03	BP-VPB-184-GW-480-482	Water	~~09/29/2025~~ 09/25/2025	12:09	VOC-TCLVOA-10		8260-Low		5 Bus. Days
Q3246-04	BP-VPB-184-GW-500-502	Water	~~09/29/2025~~ 09/25/2025	14:15	VOC-TCLVOA-10		8260-Low		5 Bus. Days
Q3246-05	~~BP-VPB-184-GW-DUP-20250925~~ BP-VPB-184-DUP-20250925	Water	~~09/29/2025~~ 09/25/2025	12:00	VOC-TCLVOA-10		8260-Low		5 Bus. Days
Q3246-06	BP-VPB-184-GW-520-522	Water	09/29/2025	12:00	VOC-TCLVOA-10		8260-Low		5 Bus. Days
Q3246-07	BP-VPB-184-GW-540-542	Water	09/29/2025	13:56	VOC-TCLVOA-10		8260-Low		5 Bus. Days

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

LOGIN REPORT/SAMPLE TRANSFER

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Client Name : Tetra Tech NUS, Inc.
Client Contact : Ernie Wu
Invoice Name : Tetra Tech NUS, Inc.
Invoice Contact : Ernie Wu

Order Date : 9/29/2025 4:03:00 PM
Project Name : NWIRP Bethpage 112G080
Receive DateTime : 9/29/2025 ~~12:00:00~~ AM 10:30
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

Relinguished By : _____
Date / Time : 9/30/25 9:31

Received By : _____
Date / Time : 09/29/25 9:31 Rg # 4

Storage Area : VOA Refridgerator Room

Quantitation Report (Not Reviewed)

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

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Sep 22 01:44:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.537	168	246348	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.745	114	451502	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.037	117	410953	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	201976	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.934	65	41500	10.583	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 21.160%#				
35) Dibromofluoromethane	5.367	113	31188	10.300	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 20.600%#				
50) Toluene-d8	8.628	98	103865	9.913	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 19.820%#				
62) 4-Bromofluorobenzene	11.061	95	47321	11.900	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 23.800%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.179	85	2201	0.863	ug/l		96
3) Chloromethane	1.300	50	3006	0.897	ug/l	#	82
4) Vinyl Chloride	1.386	62	2818	0.859	ug/l		95
5) Bromomethane	1.624	94	2304	1.107	ug/l		99
6) Chloroethane	1.697	64	2134	0.973	ug/l		95
7) Trichlorofluoromethane	1.898	101	4261	0.874	ug/l		88
8) Diethyl Ether	2.130	74	1831	0.919	ug/l		98
9) 1,1,2-Trichlorotrifluo...	2.337	101	2555	0.897	ug/l		93
10) Methyl Iodide	2.459	142	3509	0.790	ug/l	#	86
11) Tert butyl alcohol	2.934	59	1850	4.236	ug/l	#	72
12) 1,1-Dichloroethene	2.325	96	2594	0.886	ug/l	#	80
13) Acrolein	2.239	56	1440	3.578	ug/l	#	65
14) Allyl chloride	2.666	41	5885	0.974	ug/l		94
15) Acrylonitrile	3.062	53	6500	4.018	ug/l		97
16) Acetone	2.380	43	8444	4.953	ug/l		99
17) Carbon Disulfide	2.520	76	7662	0.956	ug/l	#	91
18) Methyl Acetate	2.703	43	3013	0.794	ug/l		98
19) Methyl tert-butyl Ether	3.111	73	9281	0.869	ug/l	#	89
20) Methylene Chloride	2.788	84	3540	0.981	ug/l		93
21) trans-1,2-Dichloroethene	3.099	96	2676	0.849	ug/l		95
22) Diisopropyl ether	3.751	45	9738	0.832	ug/l	#	87
23) Vinyl Acetate	3.715	43	37962	4.052	ug/l		97
24) 1,1-Dichloroethane	3.611	63	5372	0.863	ug/l		95
25) 2-Butanone	4.550	43	9105	4.281	ug/l	#	83
26) 2,2-Dichloropropane	4.477	77	4657	0.901	ug/l		77
27) cis-1,2-Dichloroethene	4.477	96	3440	0.891	ug/l		96
28) Bromochloromethane	4.879	49	2251	0.829	ug/l	#	93
29) Tetrahydrofuran	4.995	42	5210	4.072	ug/l		98
30) Chloroform	5.074	83	5093	0.810	ug/l		86
31) Cyclohexane	5.458	56	4668	0.901	ug/l		90
32) 1,1,1-Trichloroethane	5.373	97	4439	0.832	ug/l	#	47
36) 1,1-Dichloropropene	5.672	75	4373	0.988	ug/l	#	69
37) Ethyl Acetate	4.702	43	3873	0.818	ug/l	#	91
38) Carbon Tetrachloride	5.659	117	4349	0.905	ug/l		95
39) Methylcyclohexane	7.360	83	4428	0.882	ug/l		94
40) Benzene	6.025	78	12012	0.894	ug/l		98

Quantitation Report (Not Reviewed)

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

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Sep 22 01:44:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.903	41	2128	0.870 ug/l #	63
42) 1,2-Dichloroethane	6.062	62	4634	0.906 ug/l	80
43) Isopropyl Acetate	6.318	43	6784	0.873 ug/l	94
44) Trichloroethene	7.110	130	2677	0.824 ug/l	78
45) 1,2-Dichloropropane	7.415	63	2945	0.856 ug/l	100
46) Dibromomethane	7.574	93	2240	0.895 ug/l	94
47) Bromodichloromethane	7.805	83	4167	0.806 ug/l #	92
48) Methyl methacrylate	7.683	41	3355	0.867 ug/l #	87
49) 1,4-Dioxane	7.653	88	404	10.329 ug/l #	52
51) 4-Methyl-2-Pentanone	8.555	43	17596	4.085 ug/l	95
52) Toluene	8.708	92	7595	0.917 ug/l	92
53) t-1,3-Dichloropropene	8.964	75	4398	0.834 ug/l #	82
54) cis-1,3-Dichloropropene	8.354	75	4635	0.823 ug/l #	76
55) 1,1,2-Trichloroethane	9.134	97	2918	0.914 ug/l	95
56) Ethyl methacrylate	9.104	69	3679	0.734 ug/l #	84
57) 1,3-Dichloropropane	9.293	76	4580	0.835 ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	4222	9.665 ug/l	99
59) 2-Hexanone	9.415	43	12385	4.003 ug/l	98
60) Dibromochloromethane	9.506	129	2903	0.789 ug/l	87
61) 1,2-Dibromoethane	9.592	107	2596	0.798 ug/l	96
64) Tetrachloroethene	9.256	164	2457	0.917 ug/l	83
65) Chlorobenzene	10.061	112	8202	0.879 ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.140	131	2684	0.833 ug/l #	66
67) Ethyl Benzene	10.177	91	13360	0.829 ug/l	98
68) m/p-Xylenes	10.287	106	9922	1.655 ug/l	99
69) o-Xylene	10.622	106	4734	0.816 ug/l	94
70) Styrene	10.640	104	8377	0.824 ug/l	96
71) Bromoform	10.787	173	1816	0.755 ug/l #	94
73) Isopropylbenzene	10.945	105	12618	0.822 ug/l	96
74) N-amyl acetate	10.829	43	5159	0.737 ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.195	83	3900	0.839 ug/l	96
76) 1,2,3-Trichloropropane	11.225	75	4568	1.117 ug/l	80
77) Bromobenzene	11.183	156	3069	0.811 ug/l	98
78) n-propylbenzene	11.286	91	14866	0.819 ug/l	99
79) 2-Chlorotoluene	11.347	91	9195	0.827 ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	9929	0.787 ug/l	99
81) trans-1,4-Dichloro-2-b...	11.006	75	960	0.599 ug/l #	95
82) 4-Chlorotoluene	11.439	91	11123	0.847 ug/l	95
83) tert-Butylbenzene	11.695	119	11311	0.876 ug/l	97
84) 1,2,4-Trimethylbenzene	11.731	105	10187	0.796 ug/l	100
85) sec-Butylbenzene	11.872	105	12561	0.819 ug/l	99
86) p-Isopropyltoluene	11.994	119	10744	0.827 ug/l	92
87) 1,3-Dichlorobenzene	11.951	146	5907	0.841 ug/l	98
88) 1,4-Dichlorobenzene	11.951	146	5907	0.819 ug/l	98
89) n-Butylbenzene	12.317	91	9811	0.816 ug/l	97
90) Hexachloroethane	12.524	117	1752	0.768 ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	5491	0.820 ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.926	75	698	0.742 ug/l	93
93) 1,2,4-Trichlorobenzene	13.567	180	3358	0.772 ug/l	95
94) Hexachlorobutadiene	13.707	225	1378	0.933 ug/l	93
95) Naphthalene	13.756	128	10112	0.763 ug/l	98
96) 1,2,3-Trichlorobenzene	13.944	180	3043	0.752 ug/l	98

Quantitation Report (Not Reviewed)

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

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Sep 22 01:44:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

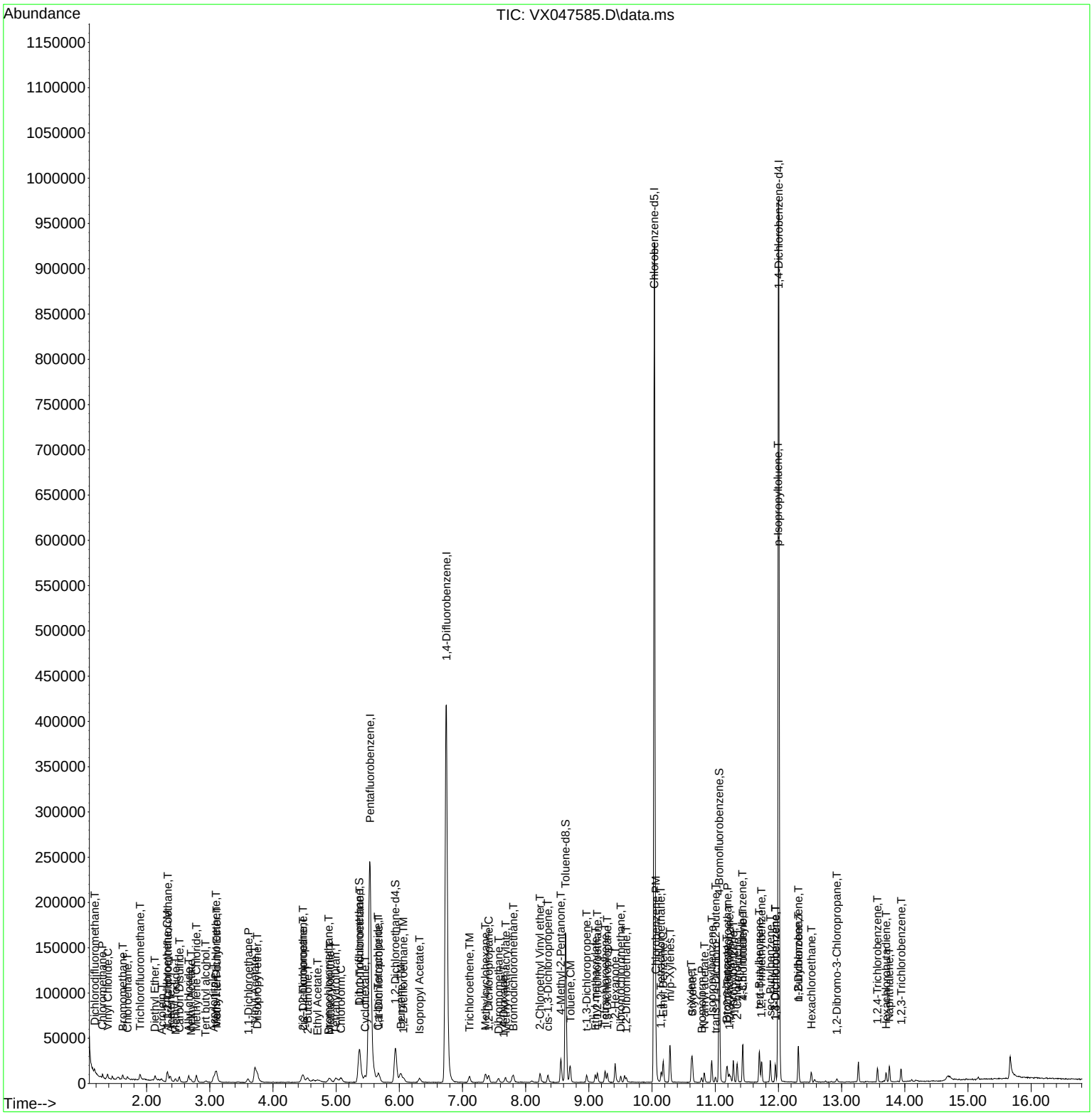
(#) = qualifier out of range (m) = manual integration (+) = signals summed

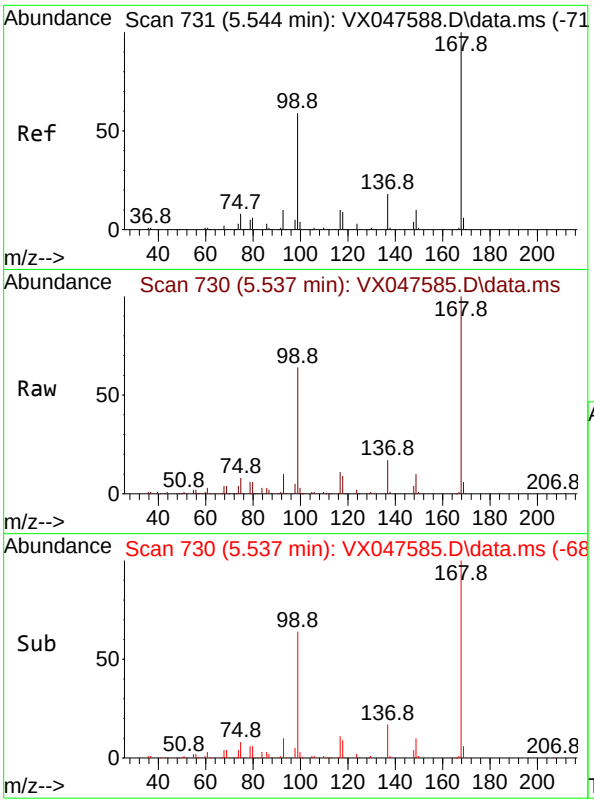
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047585.D
Acq On : 16 Sep 2025 09:23
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Sep 22 01:44:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



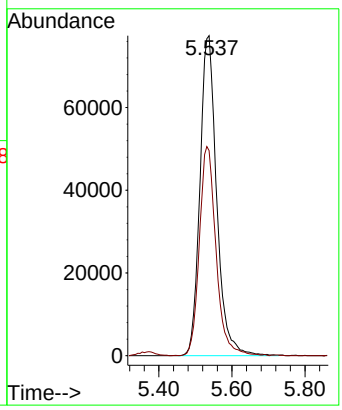


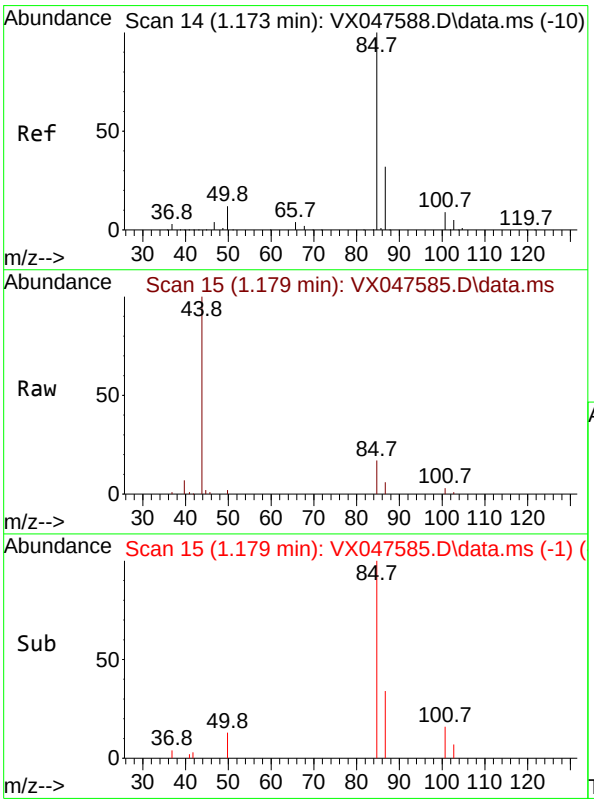
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:168 Resp: 246348

Ion	Ratio	Lower	Upper
168	100		
99	64.0	48.8	73.2

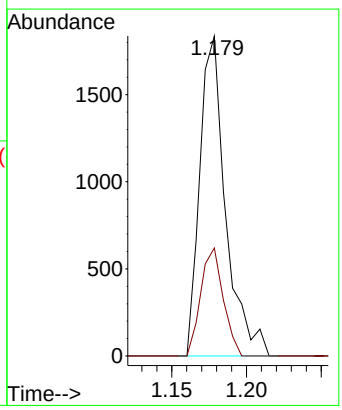


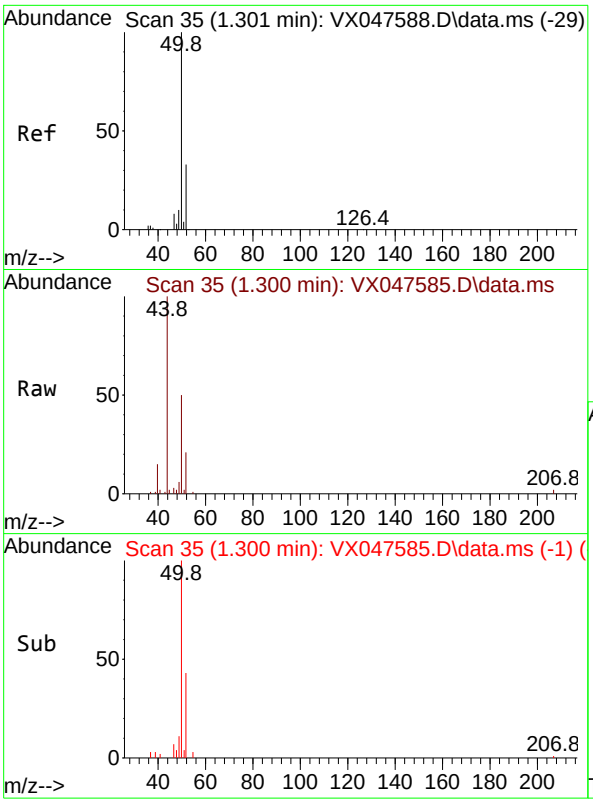


#2
Dichlorodifluoromethane
Concen: 0.863 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 85 Resp: 2201

Ion	Ratio	Lower	Upper
85	100		
87	33.8	15.8	47.3



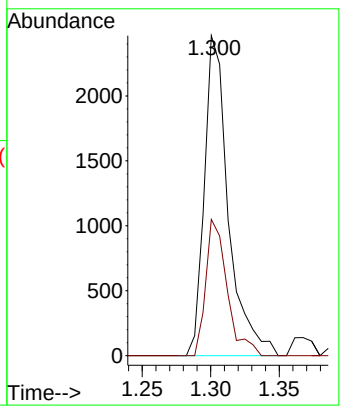


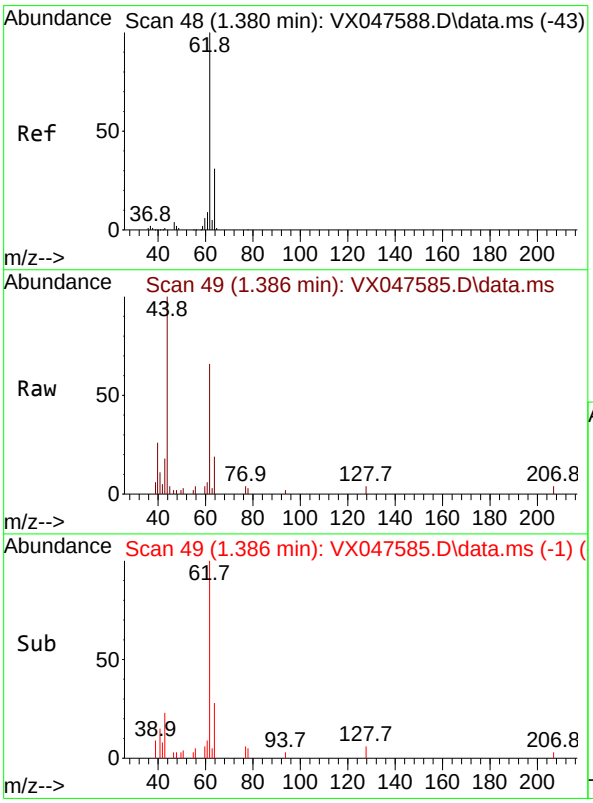
#3
Chloromethane
Concen: 0.897 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 50 Resp: 3006

Ion	Ratio	Lower	Upper
50	100		
52	42.6	26.1	39.1#

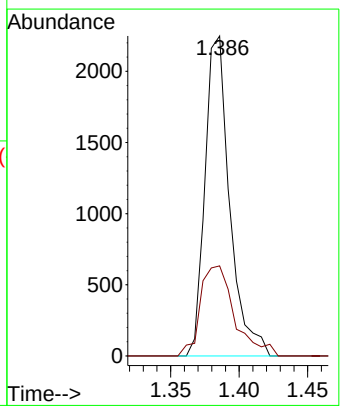


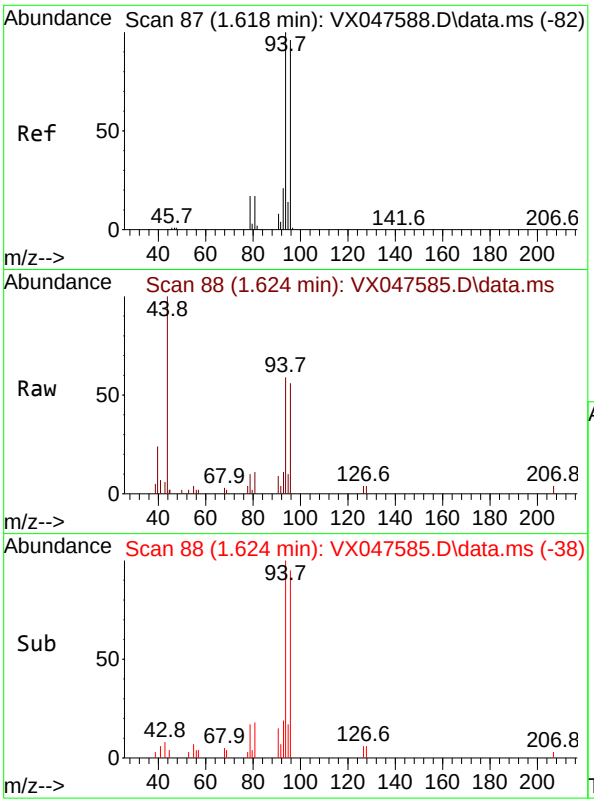


#4
Vinyl Chloride
Concen: 0.859 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 62 Resp: 2818

Ion	Ratio	Lower	Upper
62	100		
64	28.2	24.9	37.3



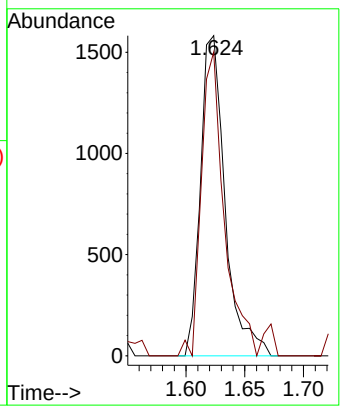


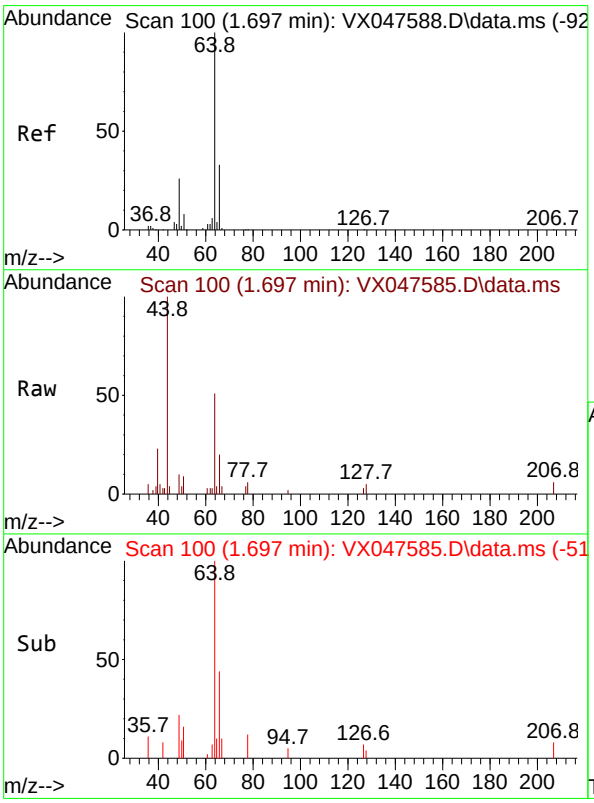
#5
Bromomethane
Concen: 1.107 ug/l
RT: 1.624 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 94 Resp: 2304

Ion	Ratio	Lower	Upper
94	100		
96	94.9	76.6	115.0

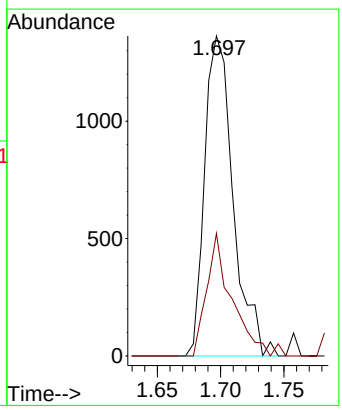


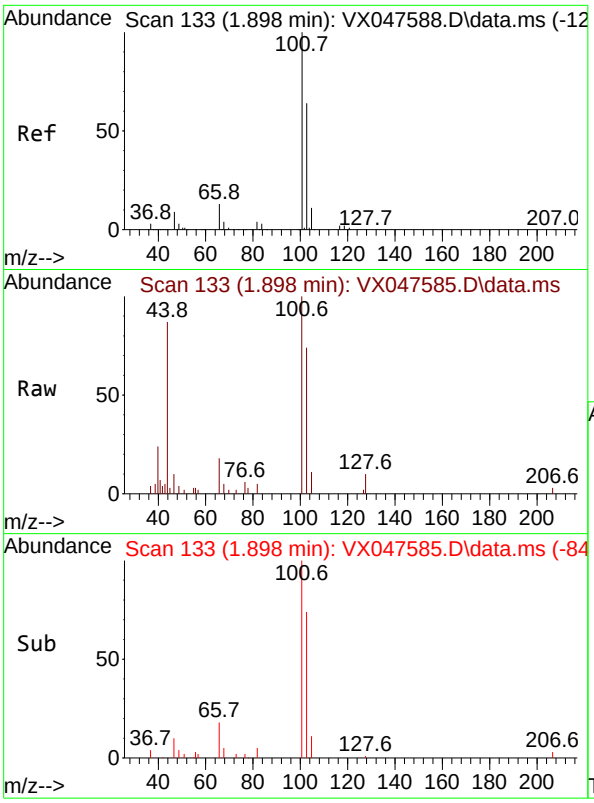


#6
Chloroethane
Concen: 0.973 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 64 Resp: 2134

Ion	Ratio	Lower	Upper
64	100		
66	35.4	26.1	39.1



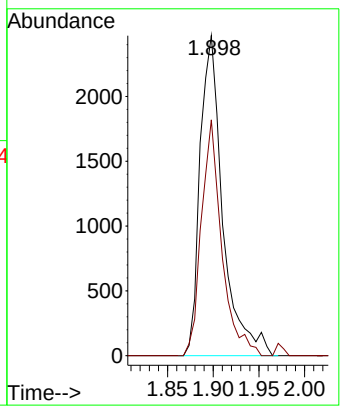


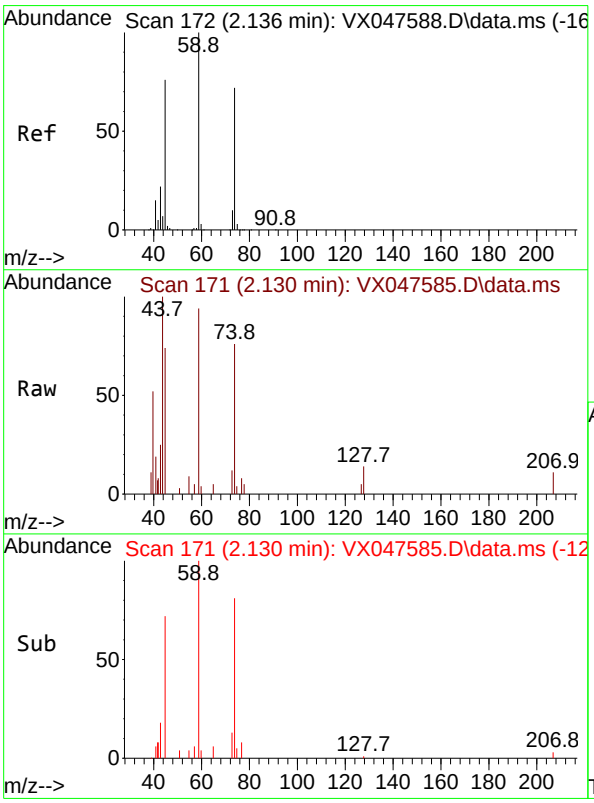
#7
Trichlorofluoromethane
Concen: 0.874 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 4261

Ion	Ratio	Lower	Upper
101	100		
103	73.7	51.4	77.2

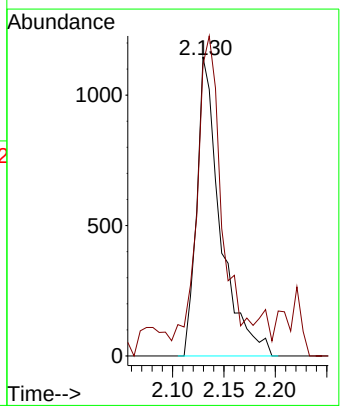


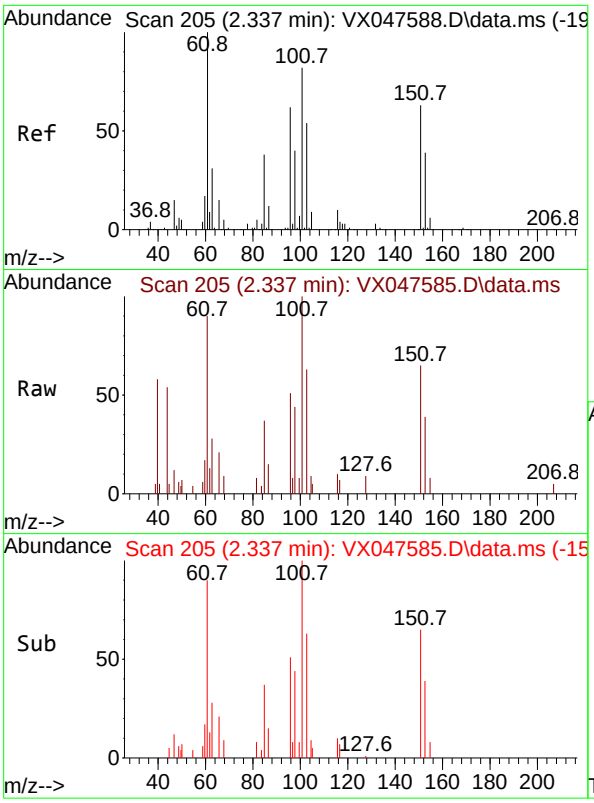


#8
Diethyl Ether
Concen: 0.919 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 74 Resp: 1831

Ion	Ratio	Lower	Upper
74	100		
45	102.2	52.3	156.8



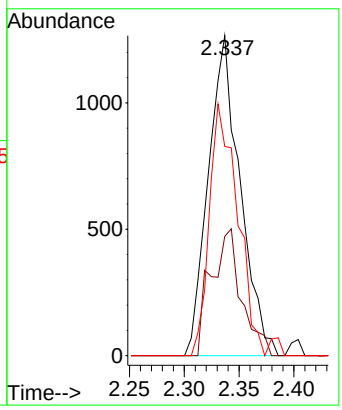


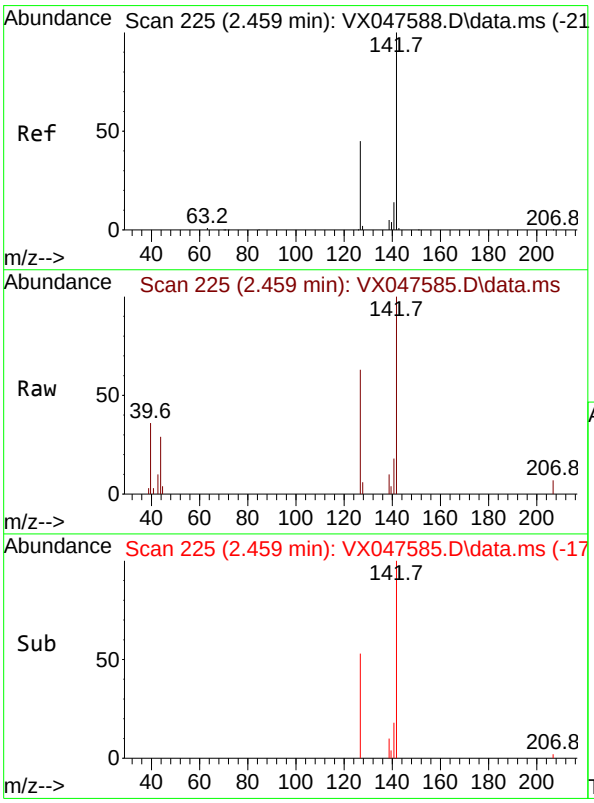
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.897 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 2555

Ion	Ratio	Lower	Upper
101	100		
85	37.8	35.5	53.3
151	69.9	59.4	89.0

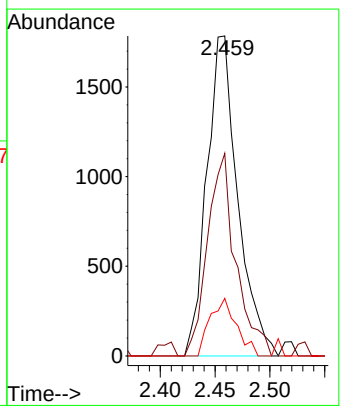


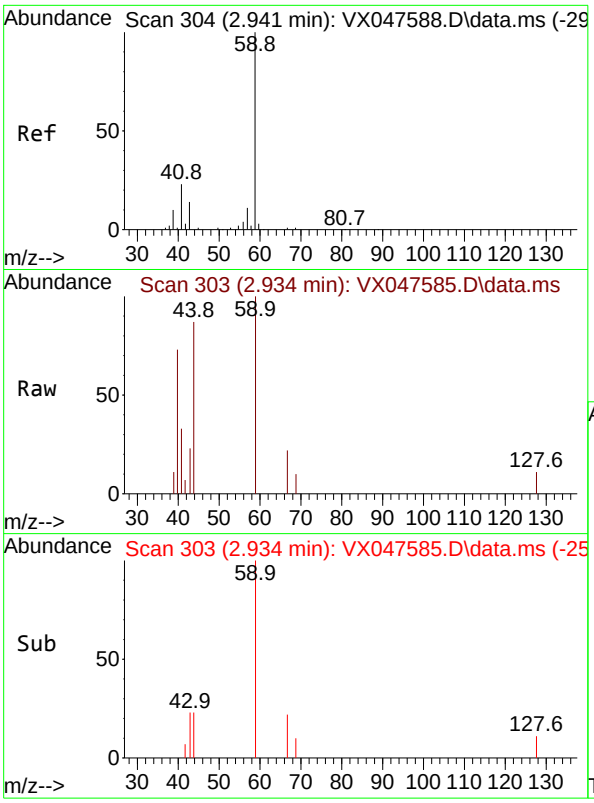


#10
Methyl Iodide
Concen: 0.790 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:142 Resp: 3509

Ion	Ratio	Lower	Upper
142	100		
127	57.7	37.2	55.8#
141	15.3	11.4	17.0



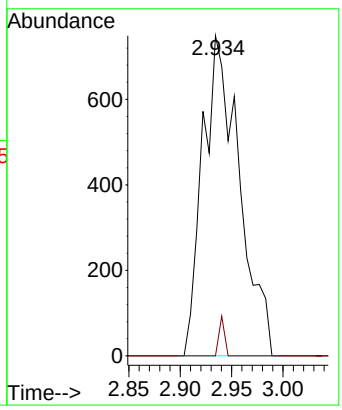


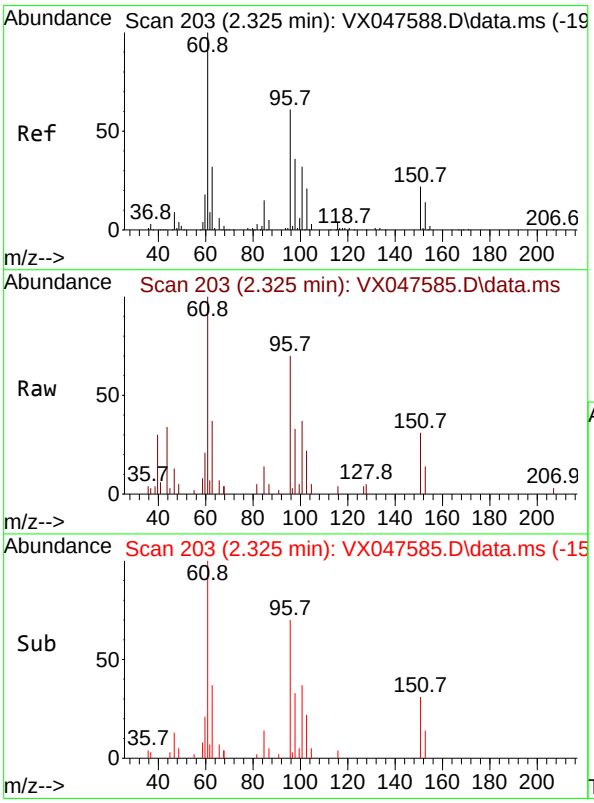
#11
Tert butyl alcohol
Concen: 4.236 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 59 Resp: 1850

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

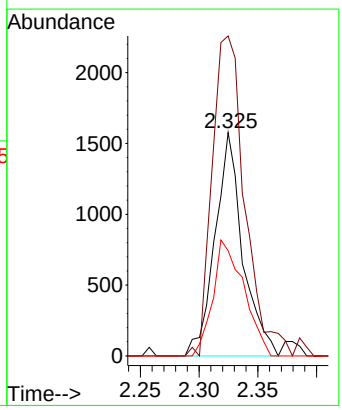


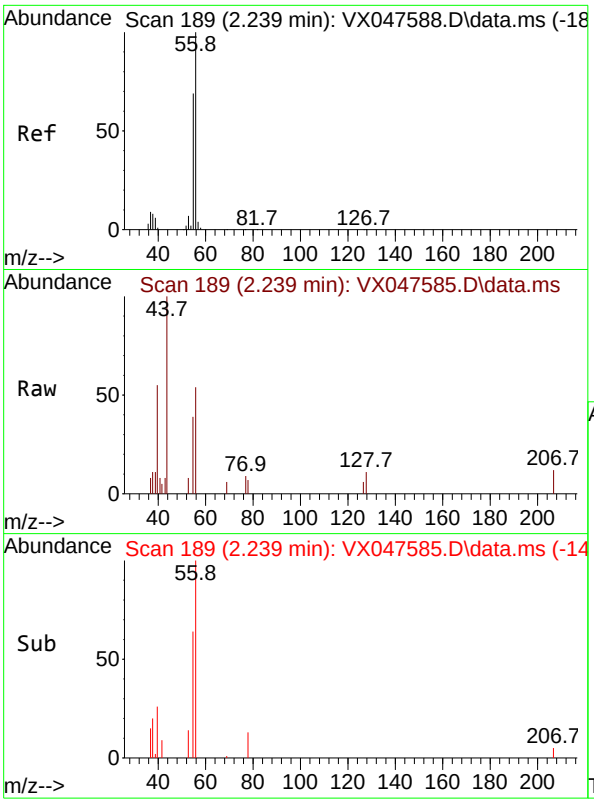


#12
1,1-Dichloroethene
Concen: 0.886 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 96 Resp: 2594

Ion	Ratio	Lower	Upper
96	100		
61	137.3	131.0	196.6
98	45.2	47.7	71.5#



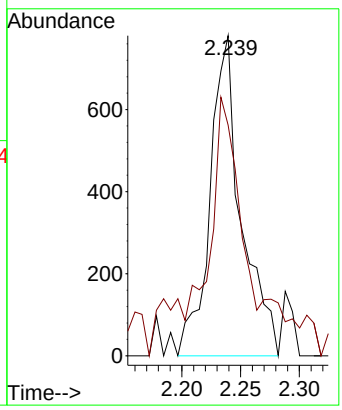


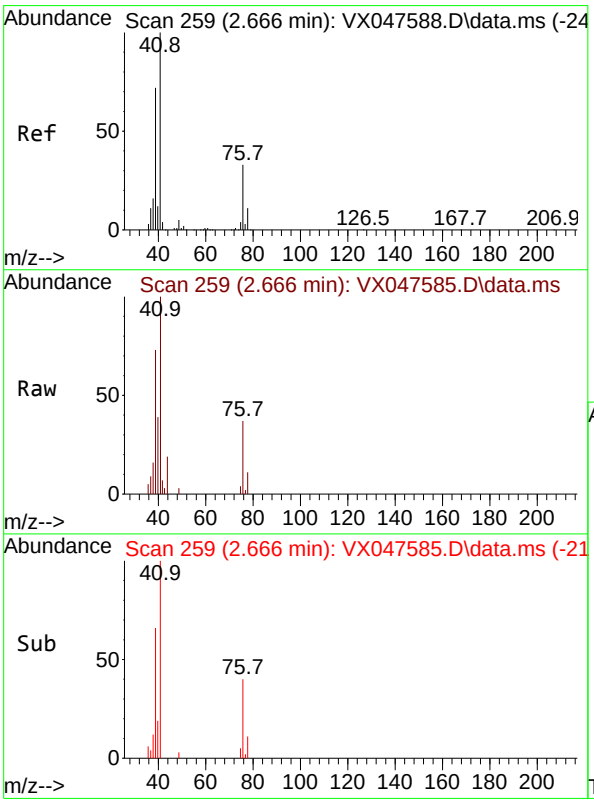
#13
Acrolein
Concen: 3.578 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 56 Resp: 1440

Ion	Ratio	Lower	Upper
56	100		
55	100.3	57.2	85.8#

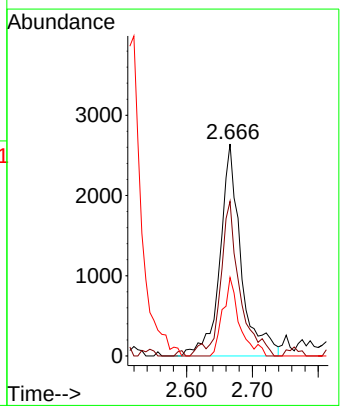


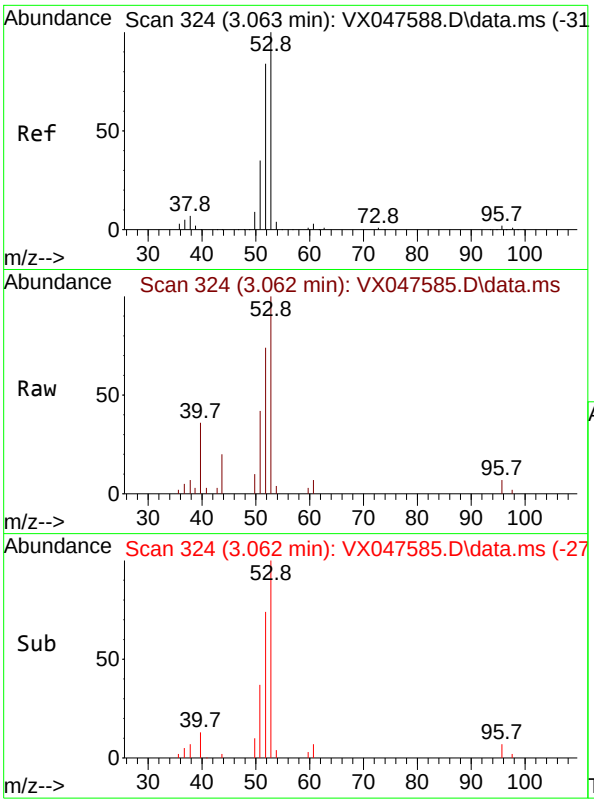


#14
Allyl chloride
Concen: 0.974 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 41 Resp: 5885

Ion	Ratio	Lower	Upper
41	100		
39	63.3	54.7	82.1
76	29.3	25.7	38.5



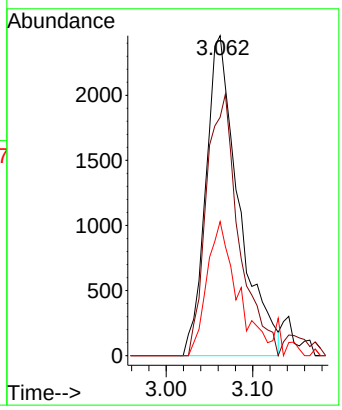


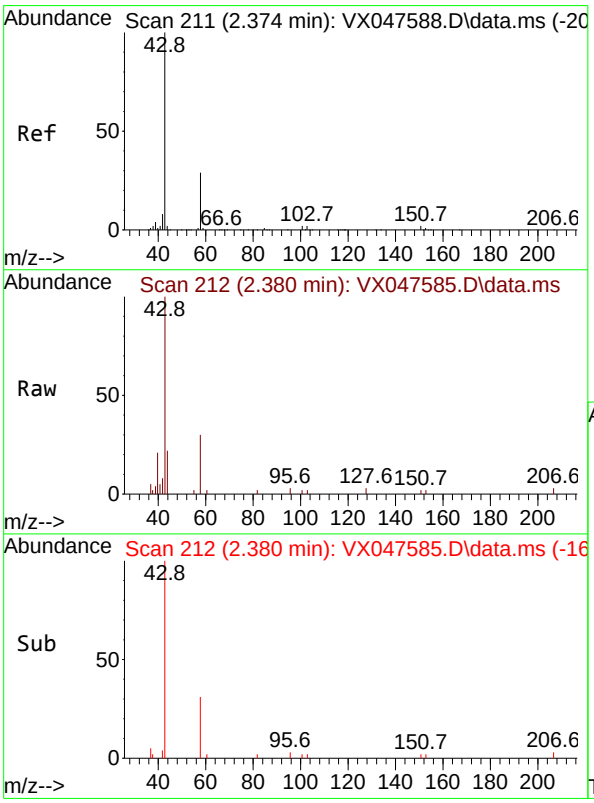
#15
Acrylonitrile
Concen: 4.018 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 53 Resp: 6500

Ion	Ratio	Lower	Upper
53	100		
52	80.3	66.4	99.6
51	38.7	29.5	44.3

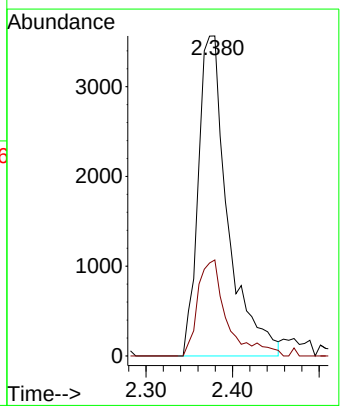


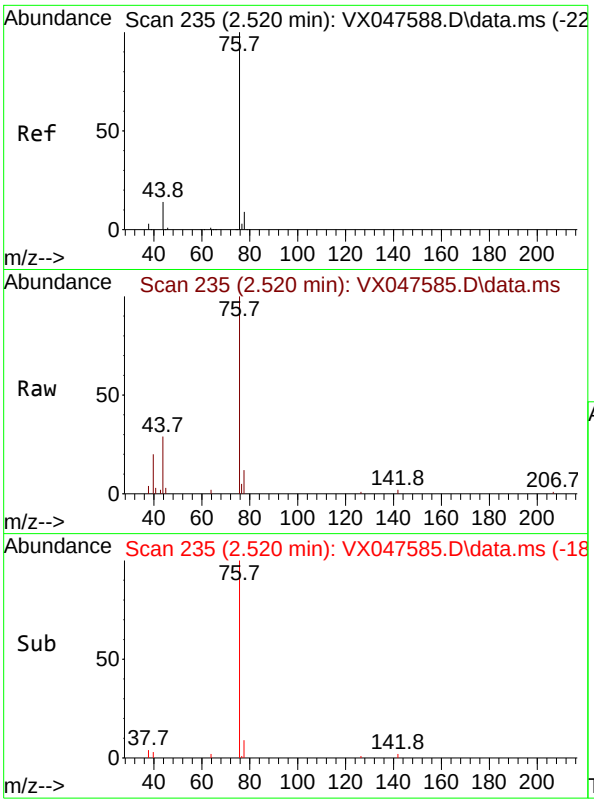


#16
Acetone
Concen: 4.953 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 8444

Ion	Ratio	Lower	Upper
43	100		
58	30.0	23.4	35.0



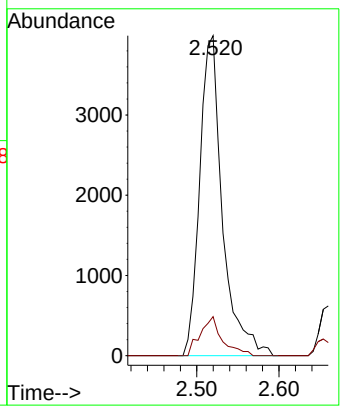


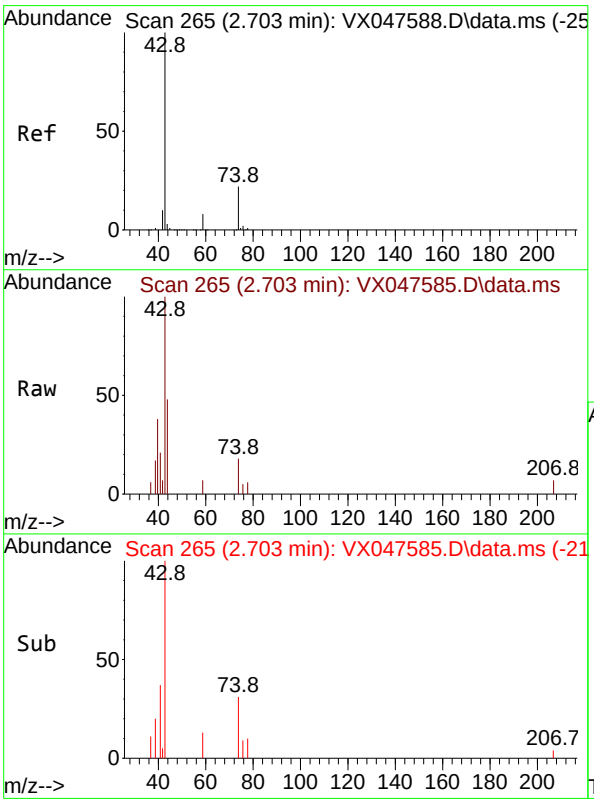
#17
Carbon Disulfide
Concen: 0.956 ug/l
RT: 2.520 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 7662

Ion	Ratio	Lower	Upper
76	100		
78	11.6	6.8	10.2#

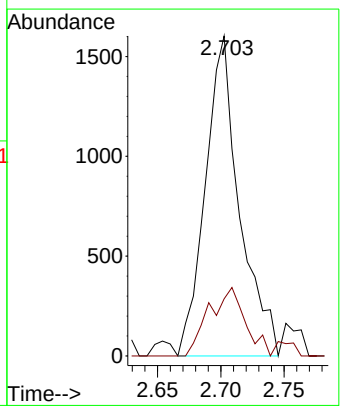


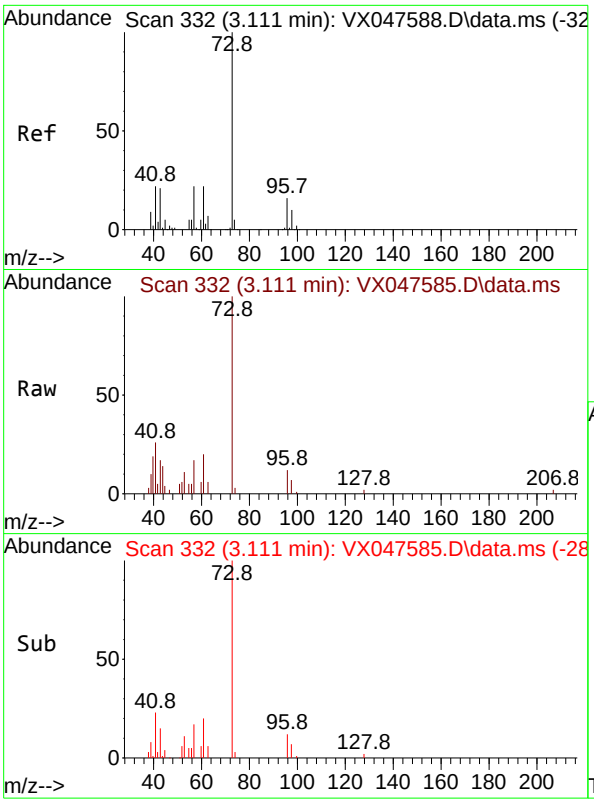


#18
Methyl Acetate
Concen: 0.794 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 3013

Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.4	26.2



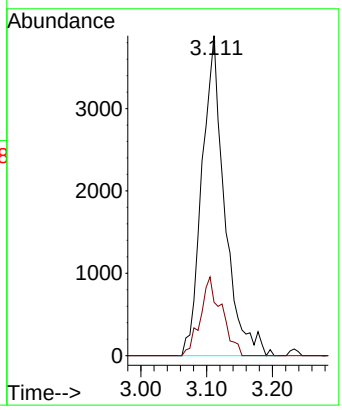


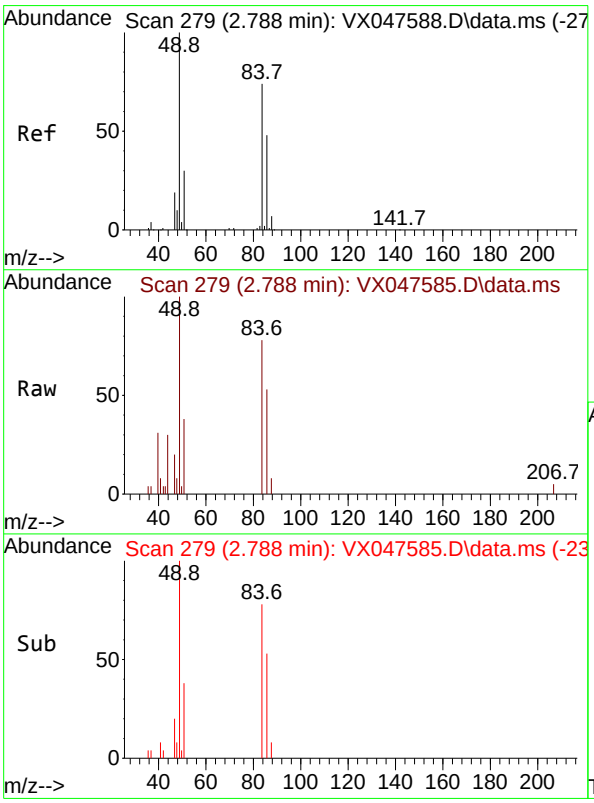
#19
Methyl tert-butyl Ether
Concen: 0.869 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 73 Resp: 9281

Ion	Ratio	Lower	Upper
73	100		
57	16.7	17.4	26.2#

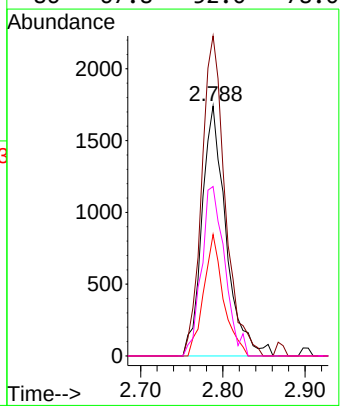


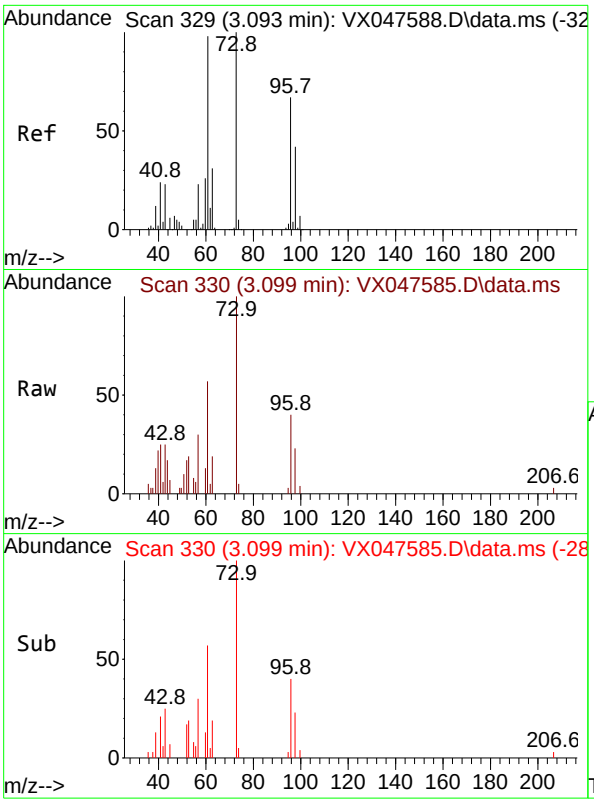


#20
Methylene Chloride
Concen: 0.981 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 84 Resp: 3540

Ion	Ratio	Lower	Upper
84	100		
49	128.0	108.6	162.8
51	48.6	32.6	48.8
86	67.8	52.0	78.0



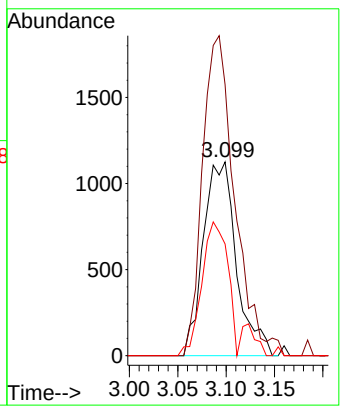


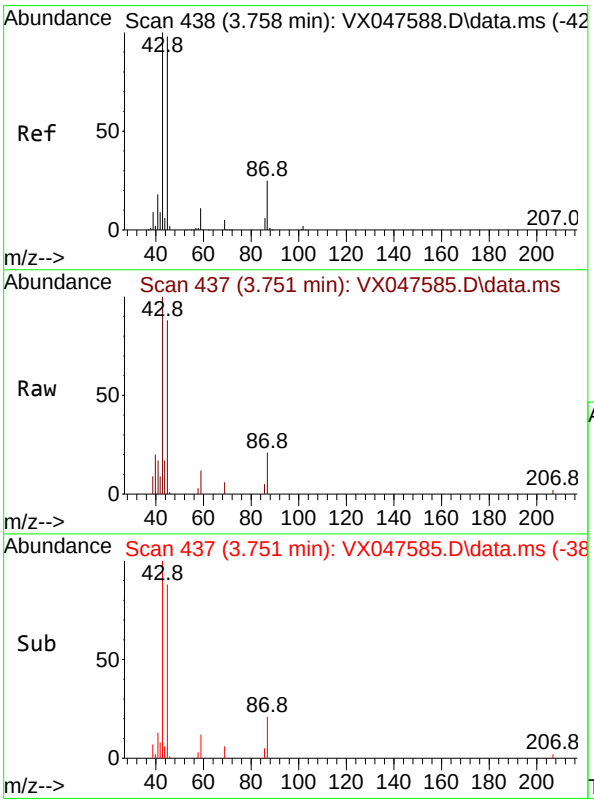
#21
trans-1,2-Dichloroethene
Concen: 0.849 ug/l
RT: 3.099 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 96 Resp: 2676

Ion	Ratio	Lower	Upper
96	100		
61	139.9	116.2	174.2
98	57.6	49.3	73.9

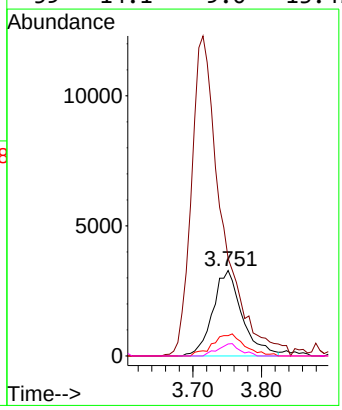


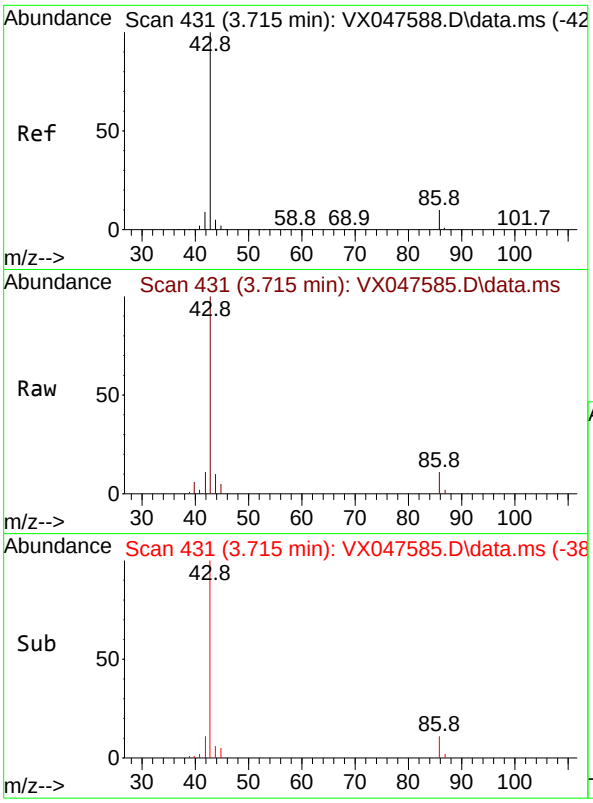


#22
Diisopropyl ether
Concen: 0.832 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 45 Resp: 9738

Ion	Ratio	Lower	Upper
45	100		
43	117.9	81.0	121.4
87	23.7	20.3	30.5
59	14.1	9.0	13.4#



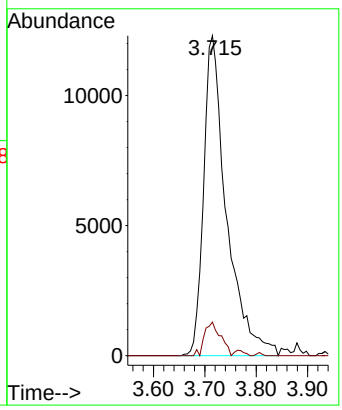


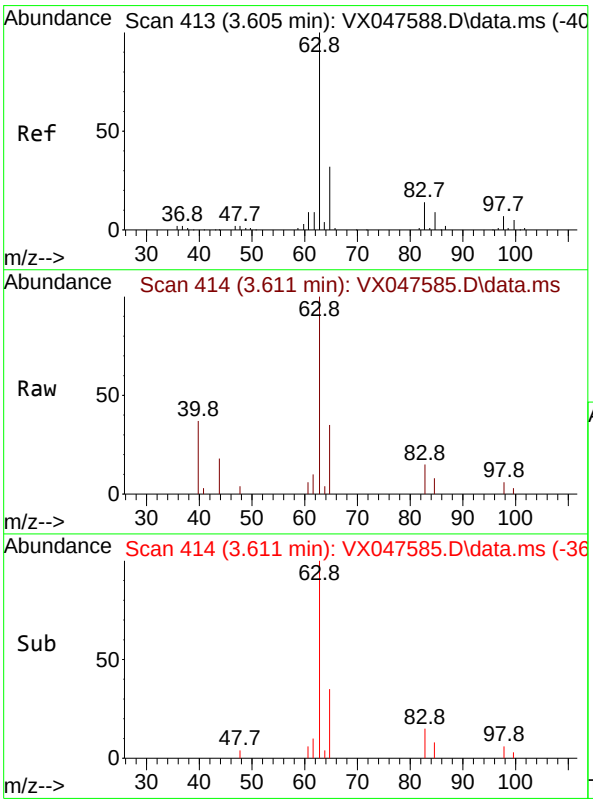
#23
Vinyl Acetate
Concen: 4.052 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 37962

Ion	Ratio	Lower	Upper
43	100		
86	10.9	7.8	11.8

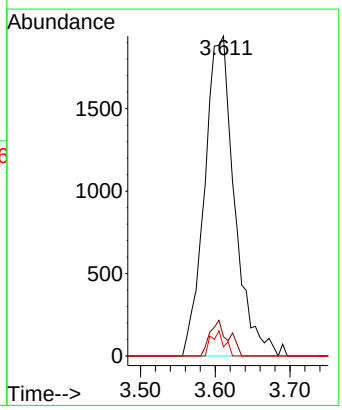


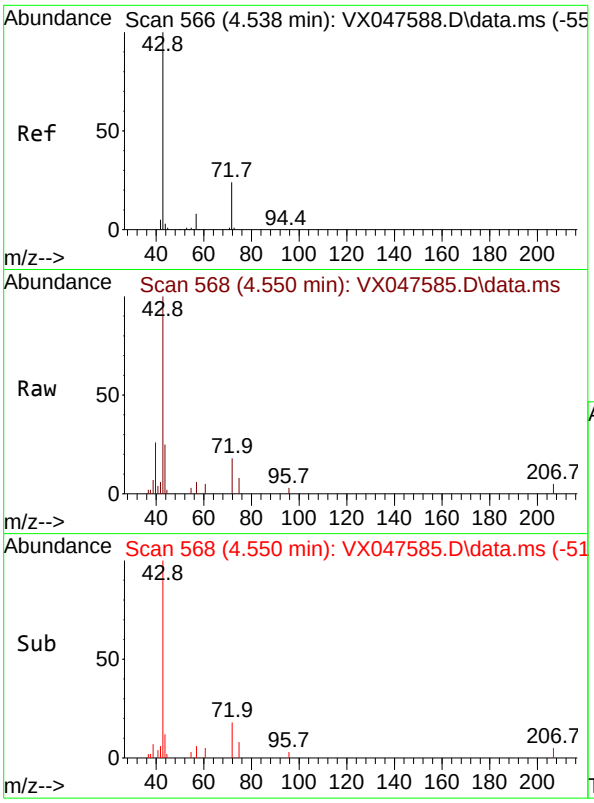


#24
1,1-Dichloroethane
Concen: 0.863 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 63 Resp: 5372

Ion	Ratio	Lower	Upper
63	100		
98	6.1	3.8	11.2
100	2.8	2.3	6.9



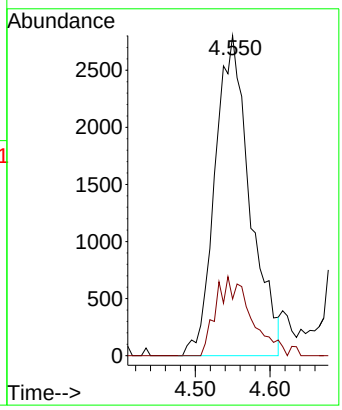


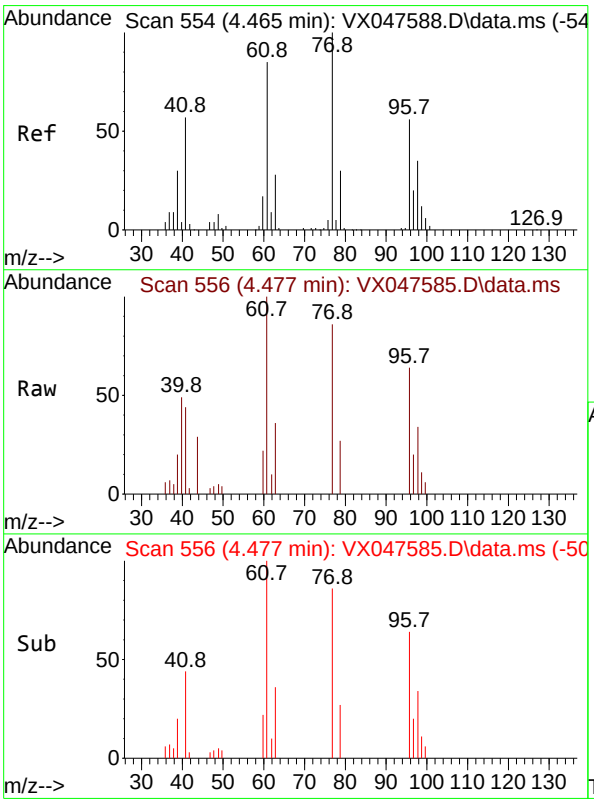
#25
2-Butanone
Concen: 4.281 ug/l
RT: 4.550 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 9105

Ion	Ratio	Lower	Upper
43	100		
72	16.3	20.1	30.1#

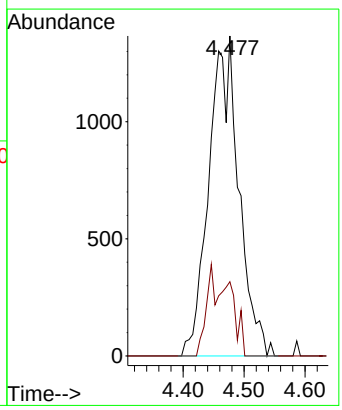


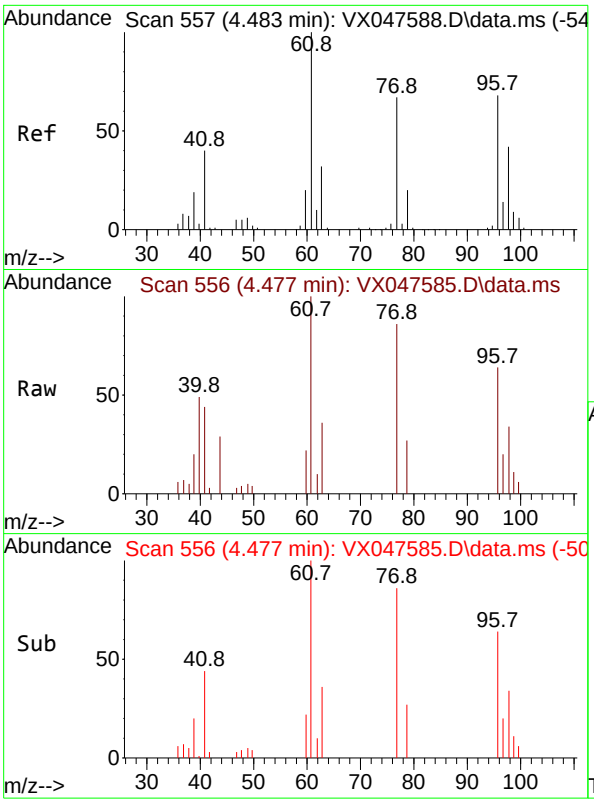


#26
2,2-Dichloropropane
Concen: 0.901 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 77 Resp: 4657

Ion	Ratio	Lower	Upper
77	100		
97	11.0	10.9	32.7



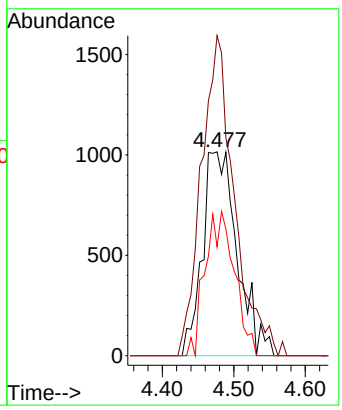


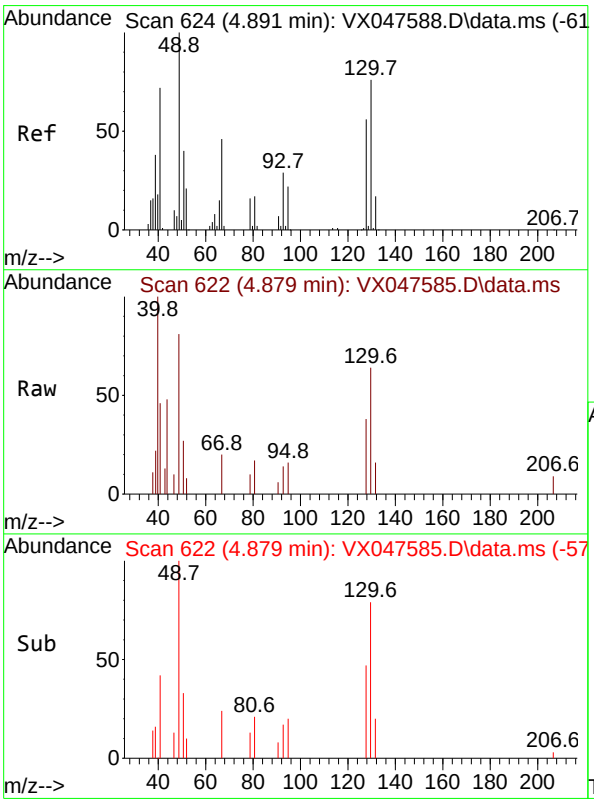
#27
cis-1,2-Dichloroethene
Concen: 0.891 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 96 Resp: 3440

Ion	Ratio	Lower	Upper
96	100		
61	147.4	0.0	303.2
98	59.4	0.0	127.8

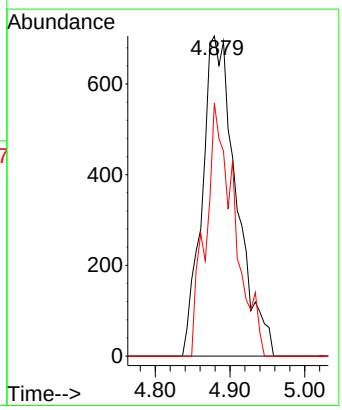


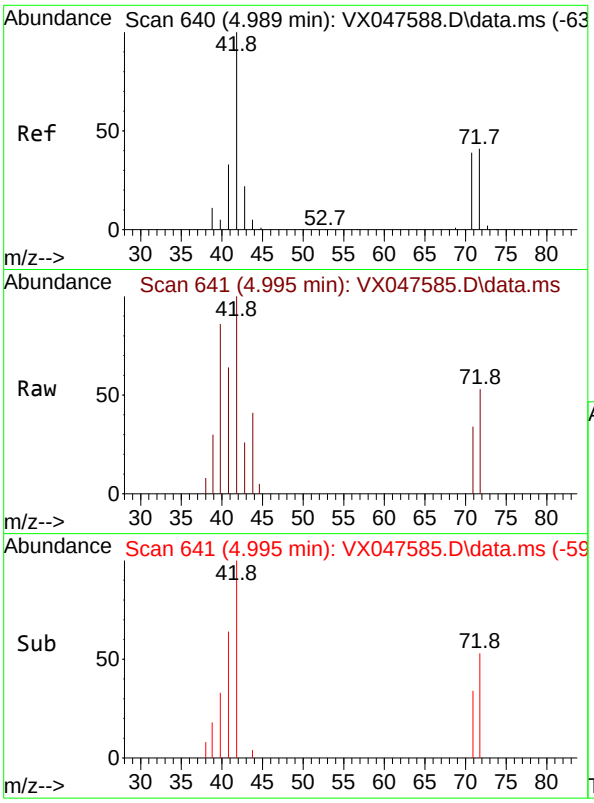


#28
Bromochloromethane
Concen: 0.829 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 49 Resp: 2251

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.2
130	66.2	57.8	86.8



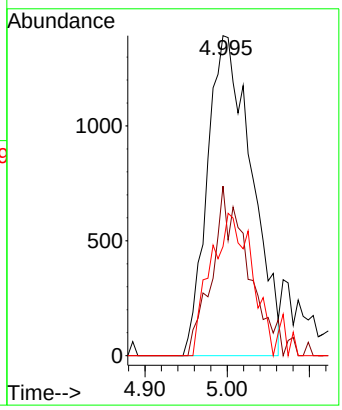


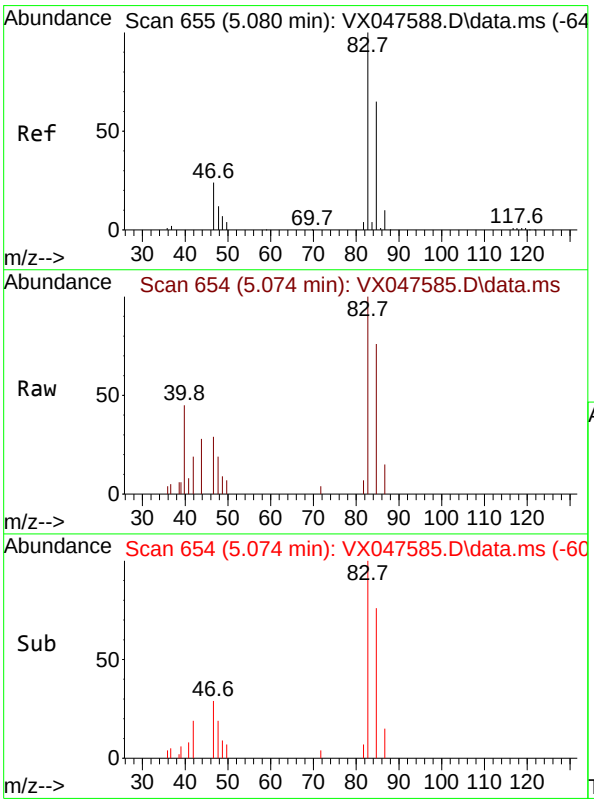
#29
Tetrahydrofuran
Concen: 4.072 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 42 Resp: 5210

Ion	Ratio	Lower	Upper
42	100		
72	44.1	34.2	51.2
71	41.3	31.9	47.9

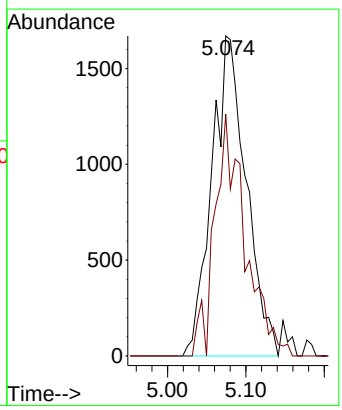


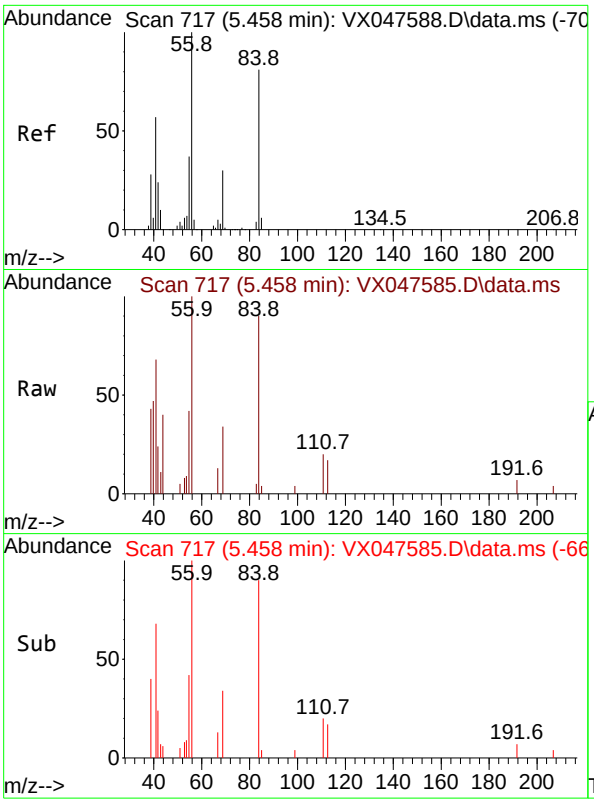


#30
Chloroform
Concen: 0.810 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 83 Resp: 5093

Ion	Ratio	Lower	Upper
83	100		
85	75.6	51.8	77.6



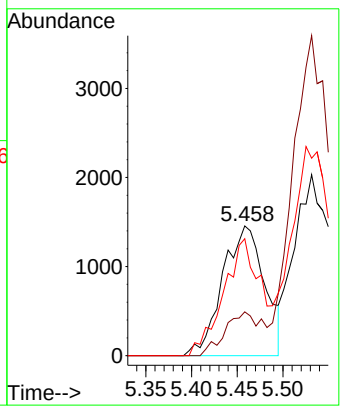


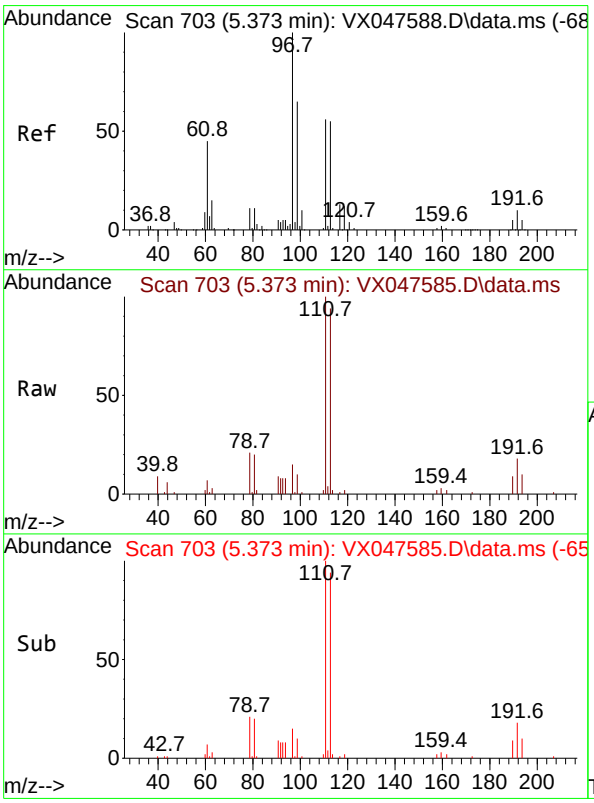
#31
Cyclohexane
Concen: 0.901 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 56 Resp: 4668

Ion	Ratio	Lower	Upper
56	100		
69	33.8	23.8	35.8
84	90.0	64.6	97.0

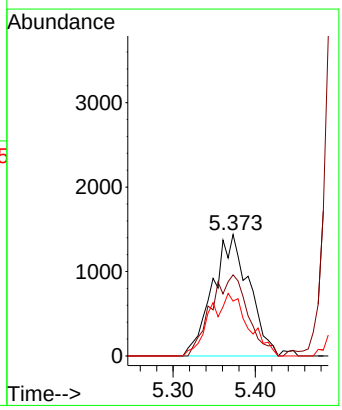


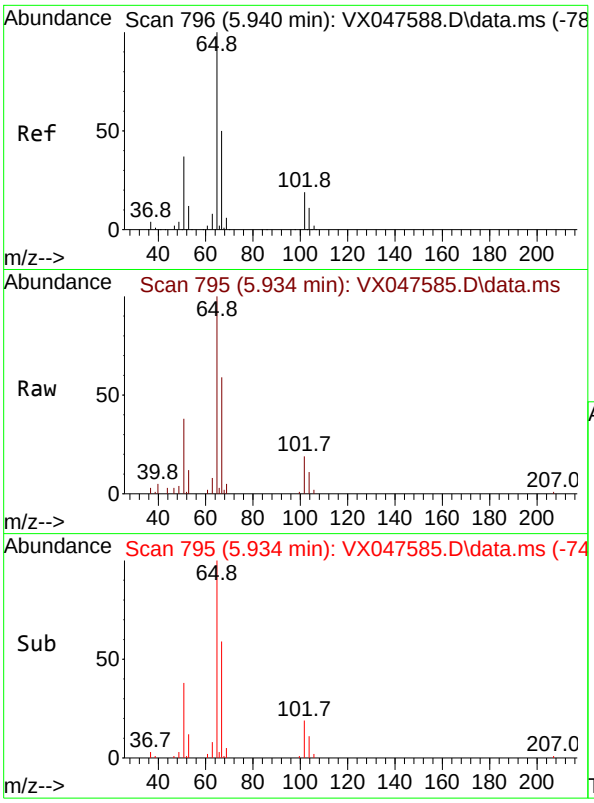


#32
1,1,1-Trichloroethane
Concen: 0.832 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 97 Resp: 4439

Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.6	76.0#
61	36.2	35.8	53.8



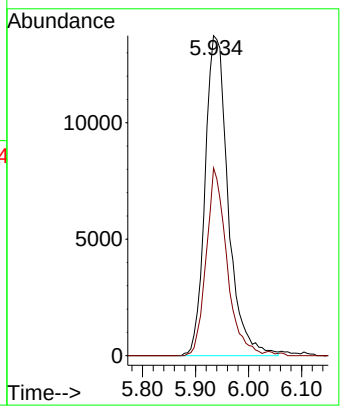


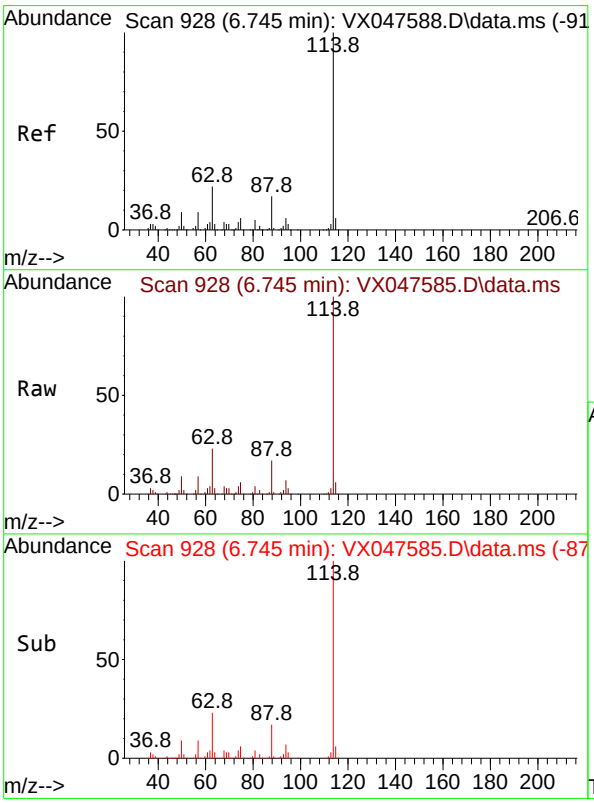
#33
1,2-Dichloroethane-d4
Concen: 10.583 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 65 Resp: 41500

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	103.0

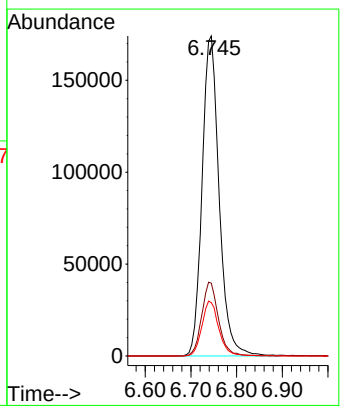


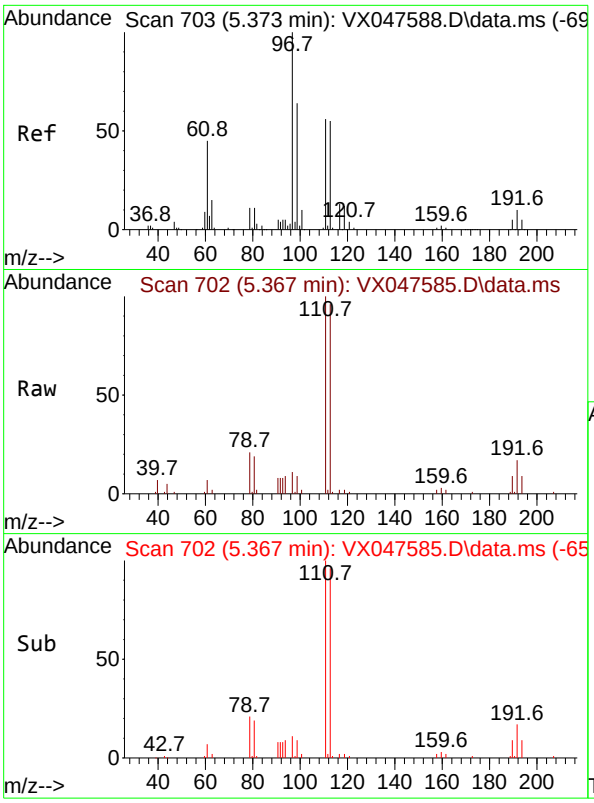


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:114 Resp: 451502

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	44.0
88	16.6	0.0	34.2



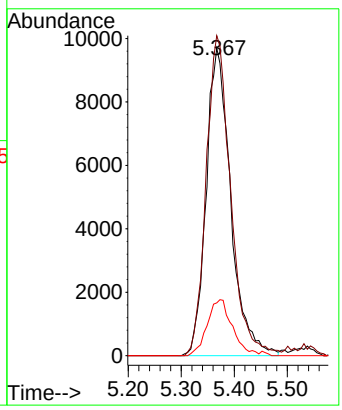


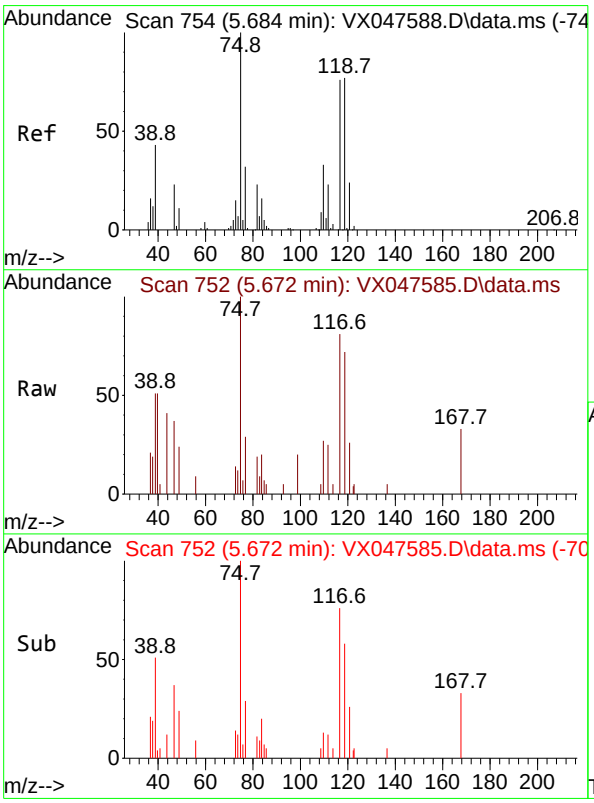
#35
Dibromofluoromethane
Concen: 10.300 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:113 Resp: 31188

Ion	Ratio	Lower	Upper
113	100		
111	103.7	80.9	121.3
192	18.6	14.2	21.4

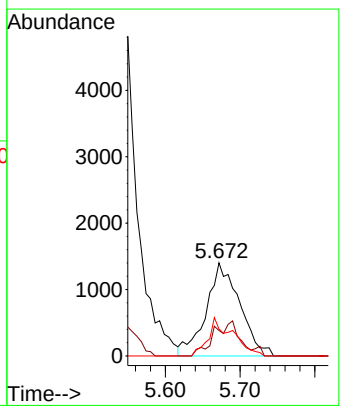


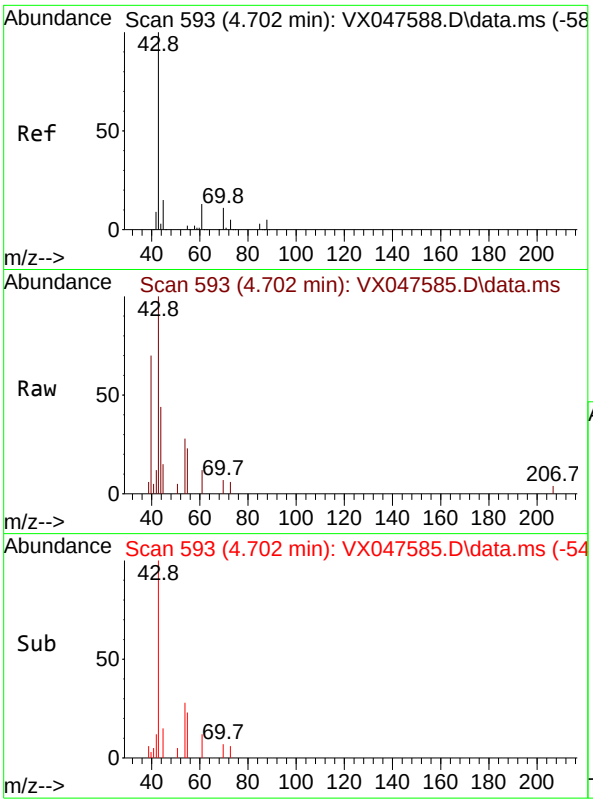


#36
1,1-Dichloropropene
Concen: 0.988 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 75 Resp: 4373

Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.7	50.1#
77	30.0	24.3	36.5



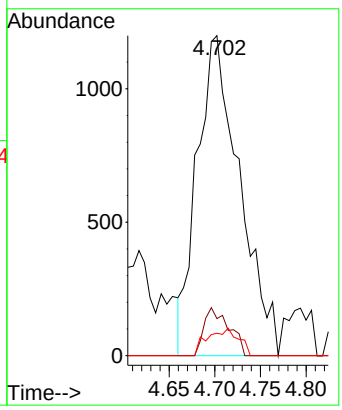


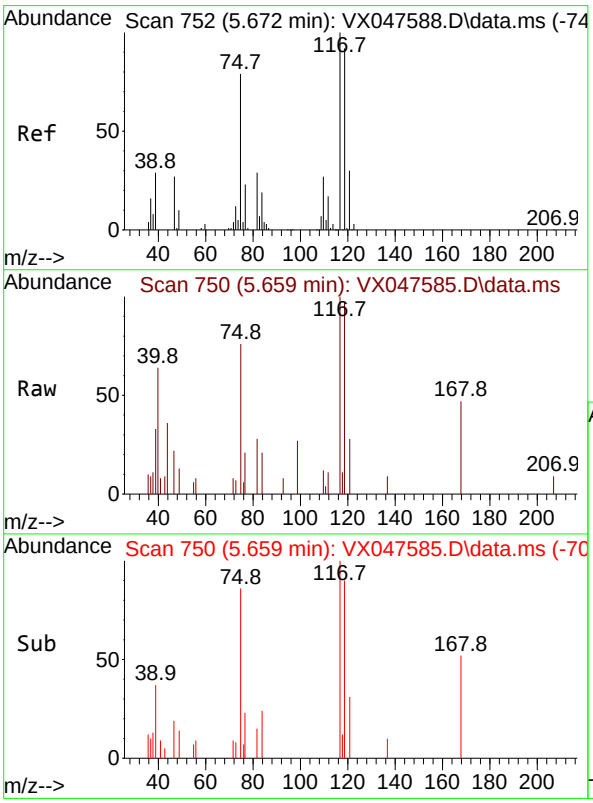
#37
Ethyl Acetate
Concen: 0.818 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 3873

Ion	Ratio	Lower	Upper
43	100		
61	8.9	9.8	14.8#
70	6.2	7.9	11.9#

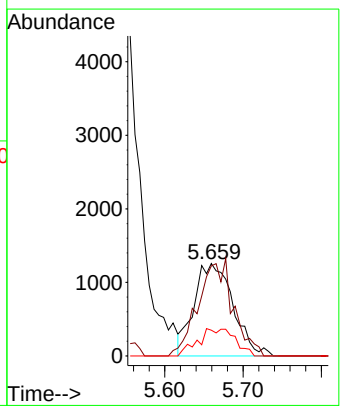


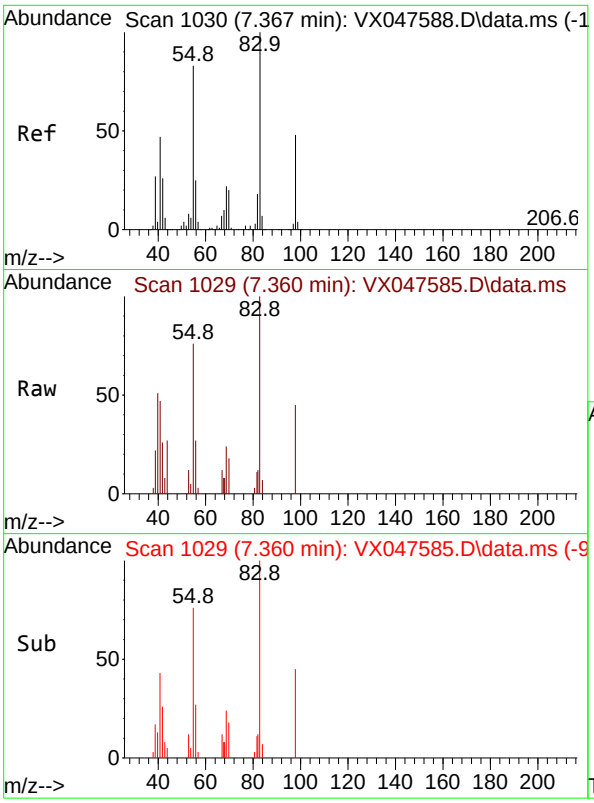


#38
Carbon Tetrachloride
Concen: 0.905 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:117 Resp: 4349

Ion	Ratio	Lower	Upper
117	100		
119	97.3	73.4	110.2
121	27.8	23.8	35.6



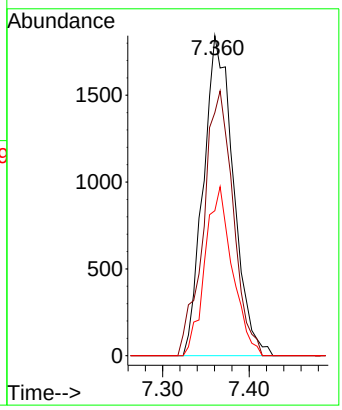


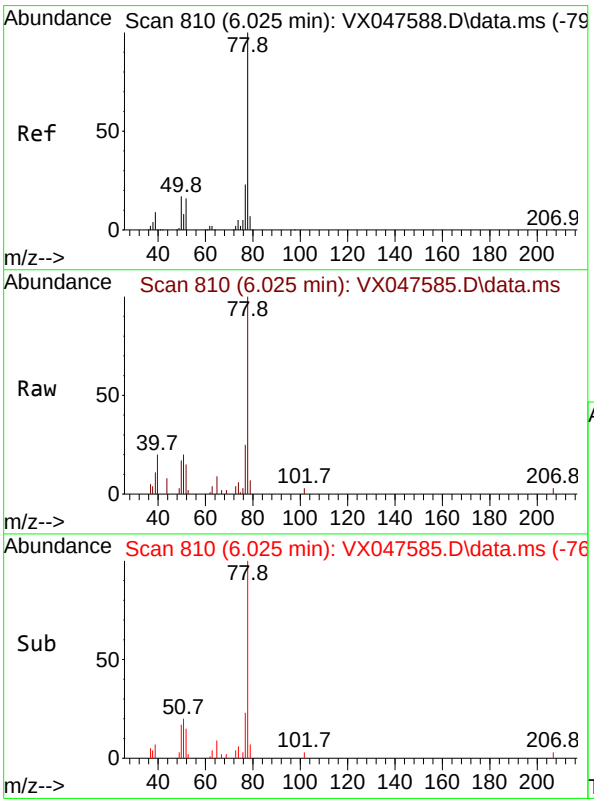
#39
Methylcyclohexane
Concen: 0.882 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 4428

Ion	Ratio	Lower	Upper
83	100		
55	76.0	66.4	99.6
98	45.3	38.1	57.1

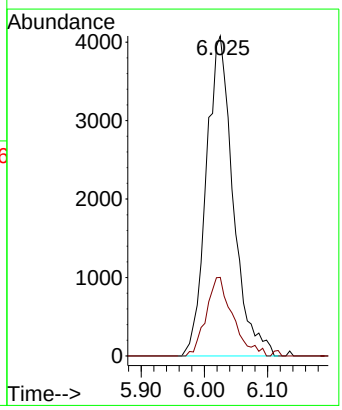


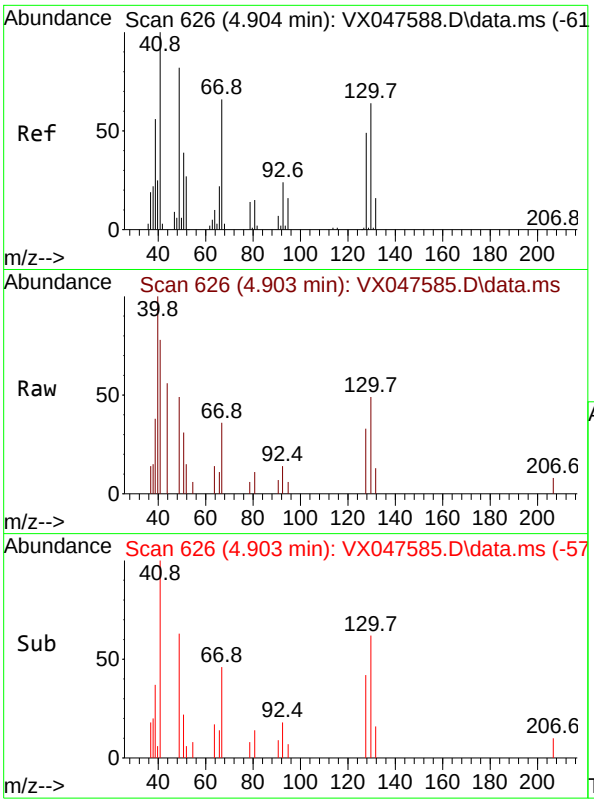


#40
Benzene
Concen: 0.894 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 78 Resp: 12012

Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.8	28.2



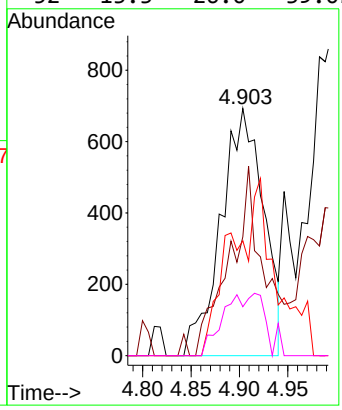


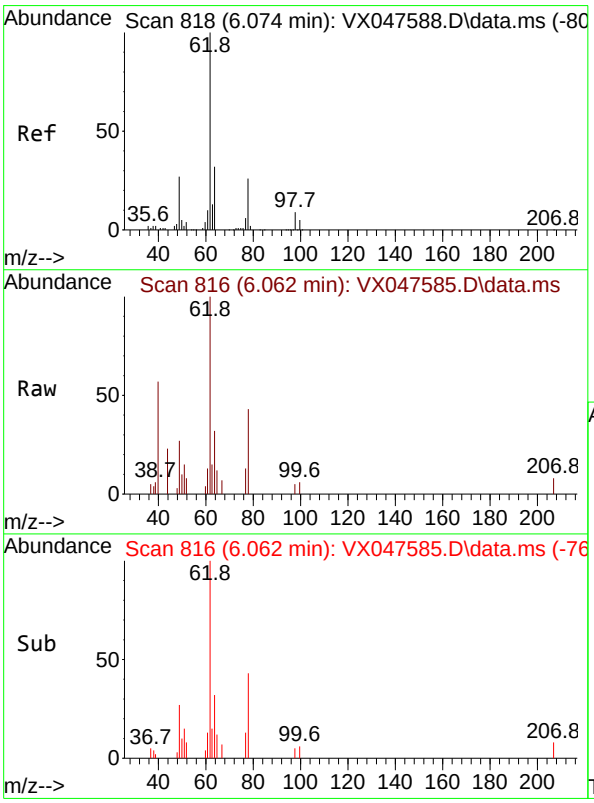
#41
Methacrylonitrile
Concen: 0.870 ug/l
RT: 4.903 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 2128

Ion	Ratio	Lower	Upper
41	100		
39	60.3	43.3	64.9
67	23.5	58.6	87.8#
52	13.3	26.0	39.0#

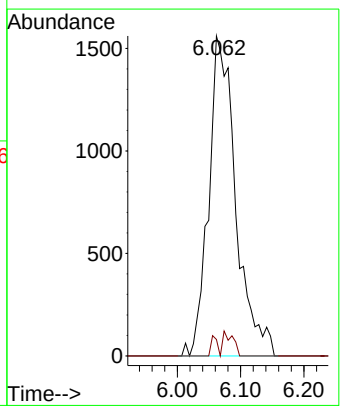


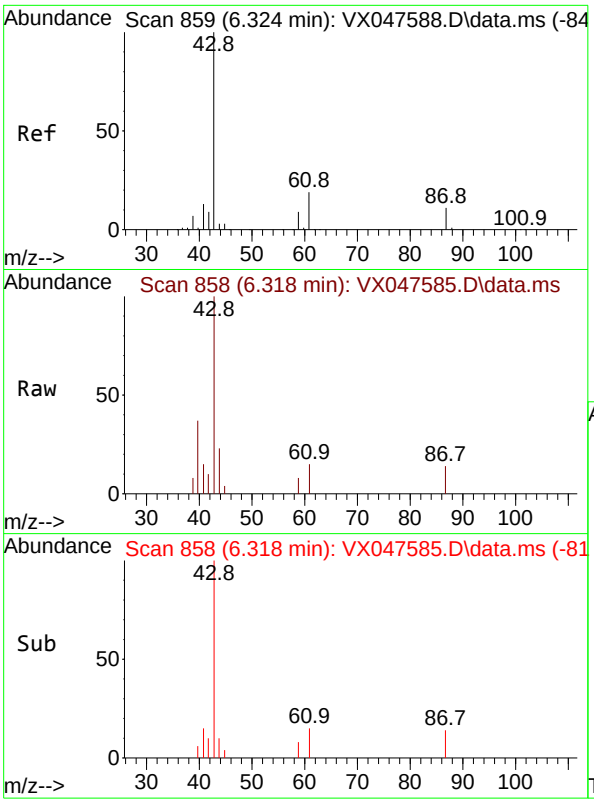


#42
1,2-Dichloroethane
Concen: 0.906 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 62 Resp: 4634

Ion	Ratio	Lower	Upper
62	100		
98	1.4	0.0	17.0



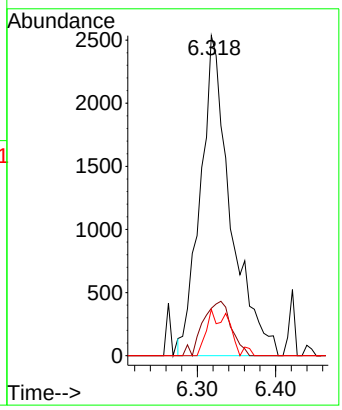


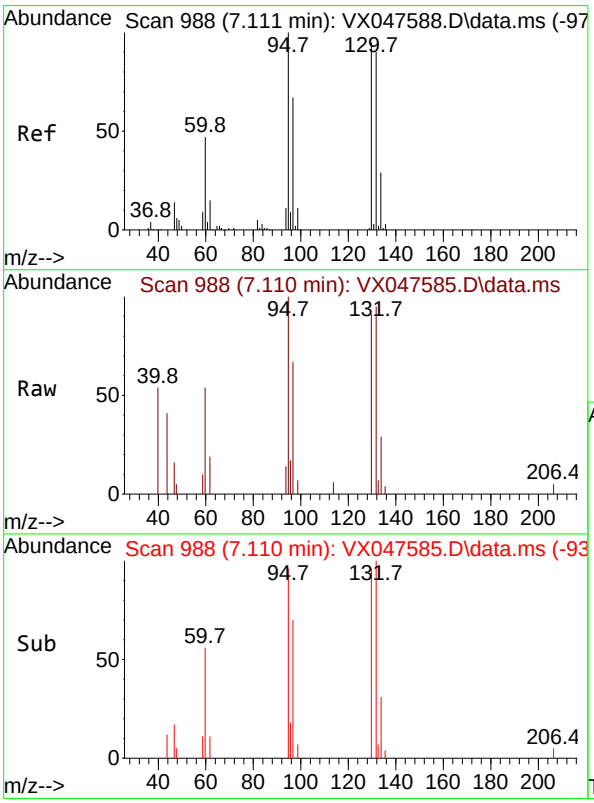
#43
Isopropyl Acetate
Concen: 0.873 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 6784

Ion	Ratio	Lower	Upper
43	100		
61	15.9	15.2	22.8
87	10.1	9.6	14.4

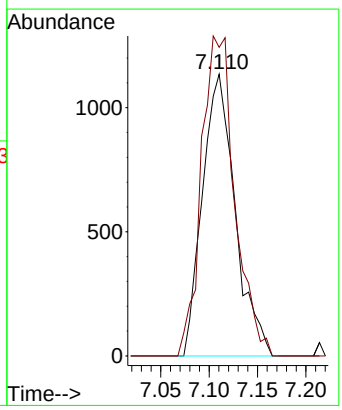


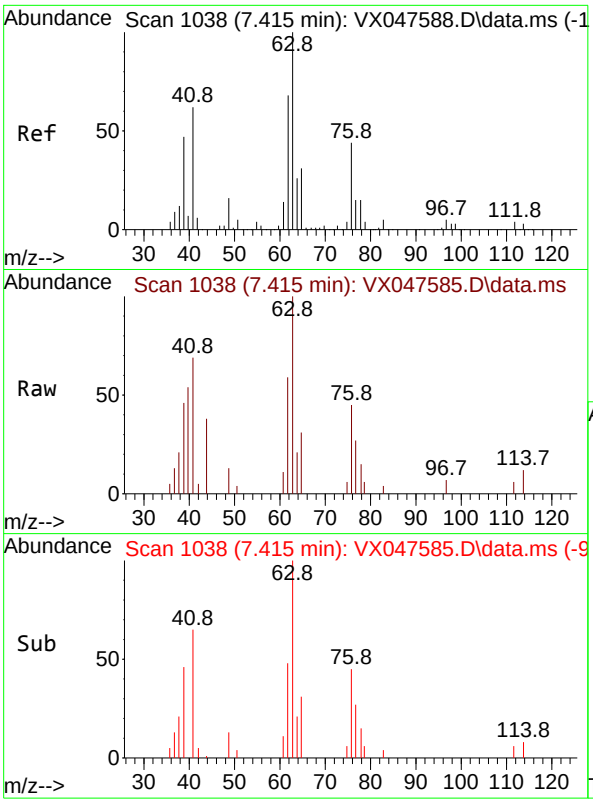


#44
Trichloroethene
Concen: 0.824 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:130 Resp: 2677

Ion	Ratio	Lower	Upper
130	100		
95	127.9	0.0	210.8



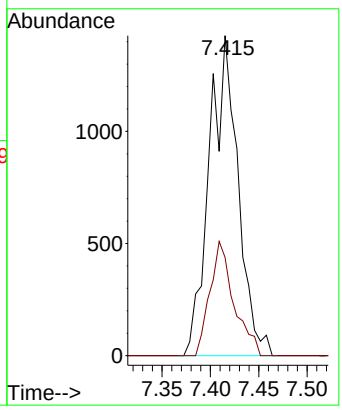


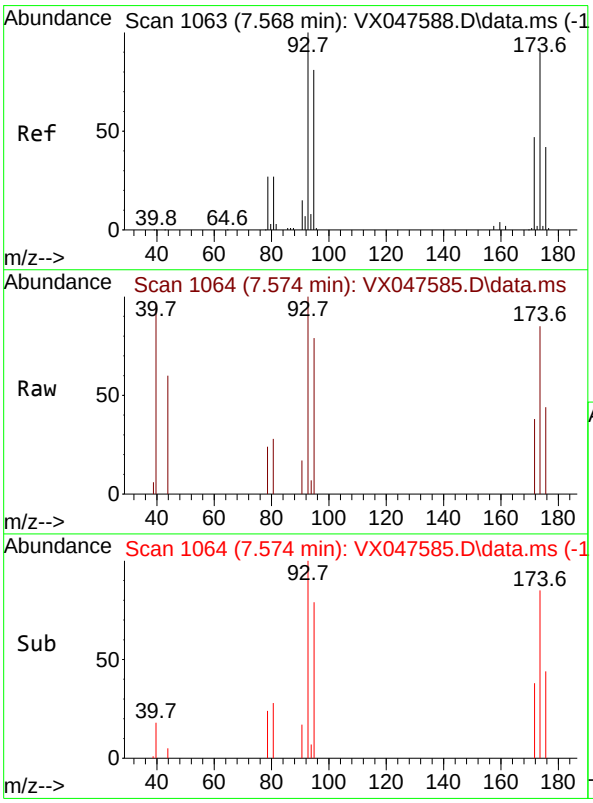
#45
1,2-Dichloropropane
Concen: 0.856 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 2945

Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.7	37.1

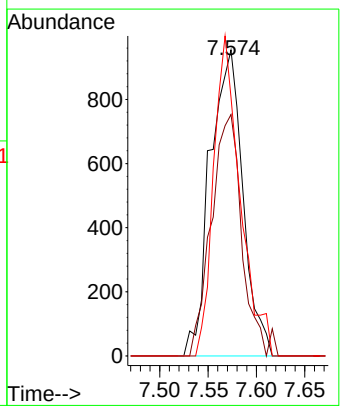


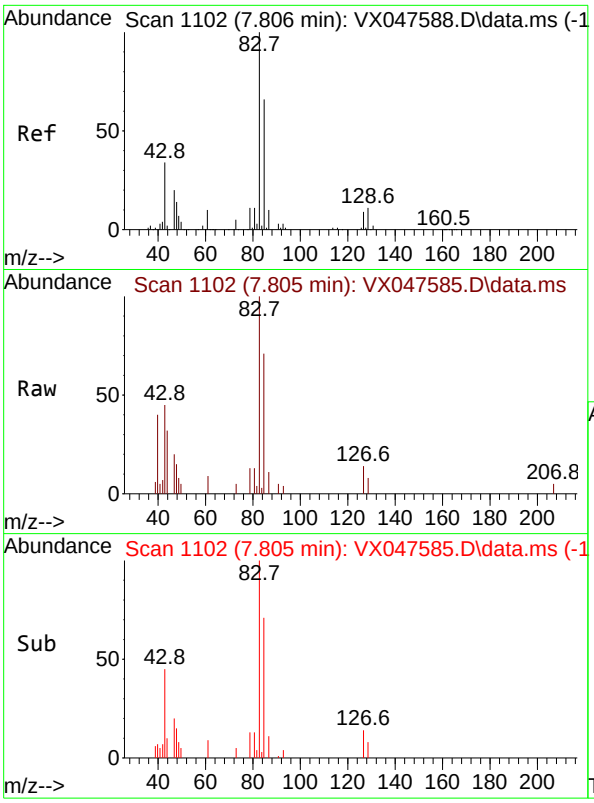


#46
Dibromomethane
Concen: 0.895 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 93 Resp: 2240

Ion	Ratio	Lower	Upper
93	100		
95	74.4	65.0	97.6
174	85.1	71.6	107.4



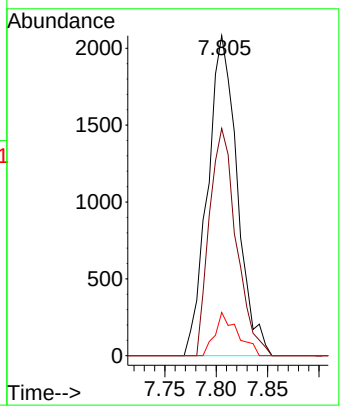


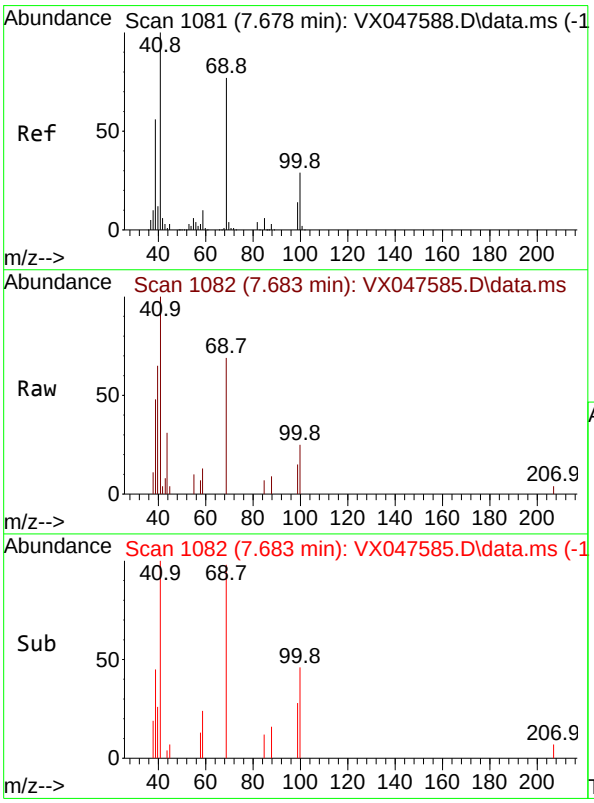
#47
Bromodichloromethane
Concen: 0.806 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 4167

Ion	Ratio	Lower	Upper
83	100		
85	71.0	52.5	78.7
127	13.5	6.9	10.3#

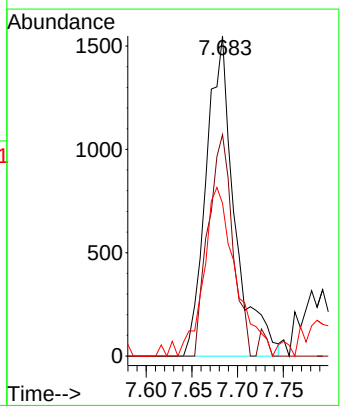


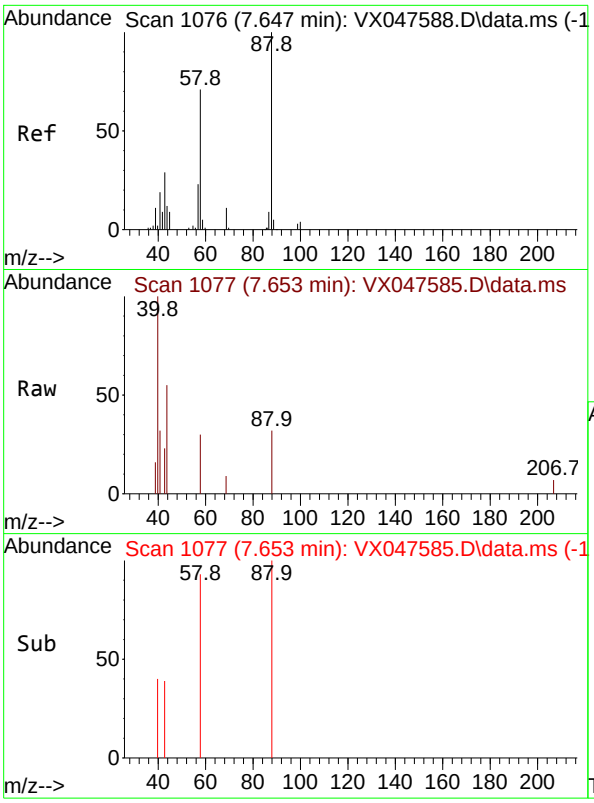


#48
Methyl methacrylate
Concen: 0.867 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 41 Resp: 3355

Ion	Ratio	Lower	Upper
41	100		
69	59.3	61.4	92.2#
39	59.5	45.8	68.6



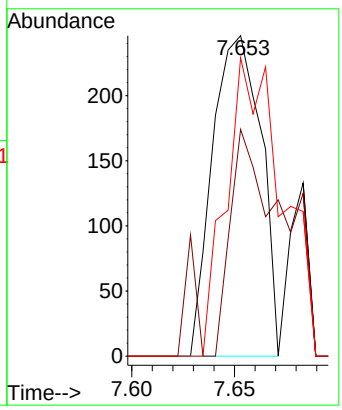


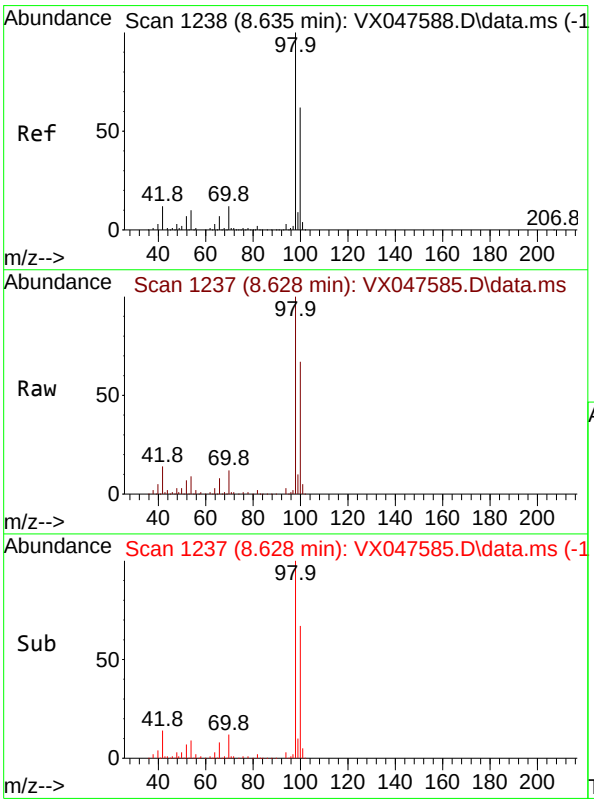
#49
1,4-Dioxane
Concen: 10.329 ug/l
RT: 7.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 88 Resp: 404

Ion	Ratio	Lower	Upper
88	100		
43	77.5	30.2	45.2#
58	107.4	59.5	89.3#

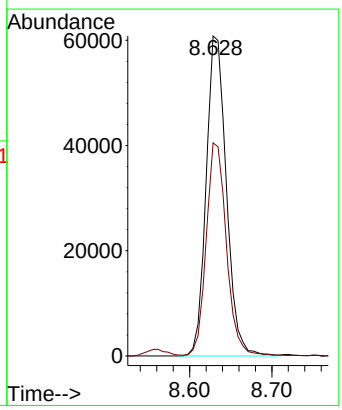


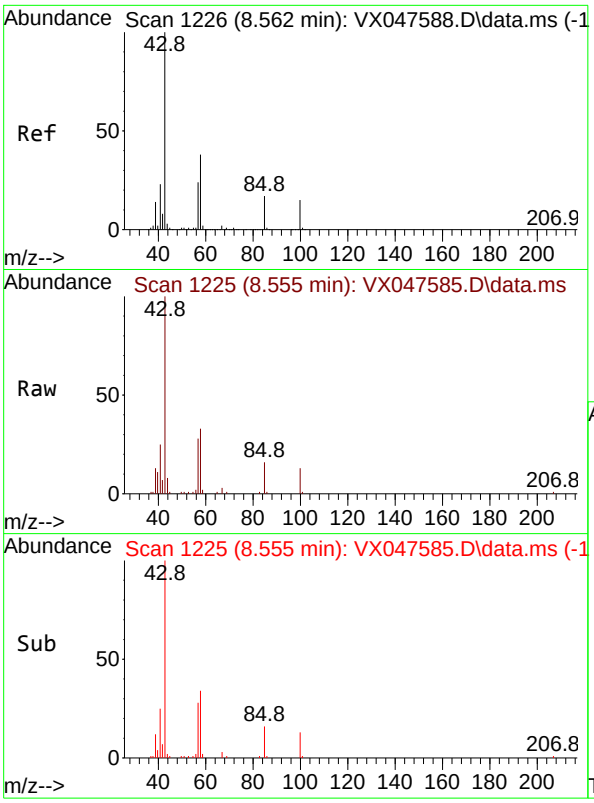


#50
Toluene-d8
Concen: 9.913 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 98 Resp: 103865

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4



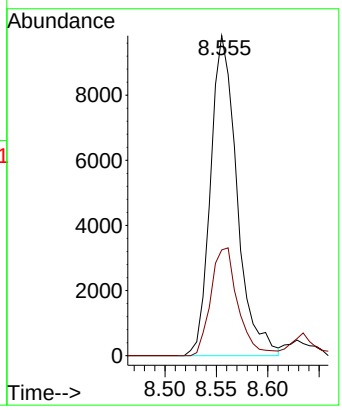


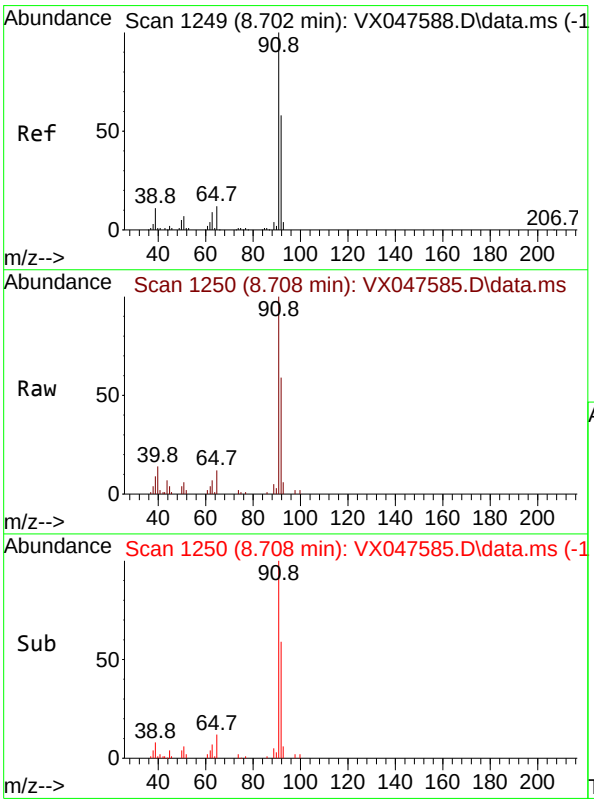
#51
4-Methyl-2-Pentanone
Concen: 4.085 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 17596

Ion	Ratio	Lower	Upper
43	100		
58	34.7	30.3	45.5

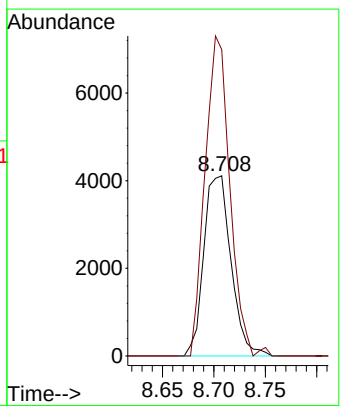


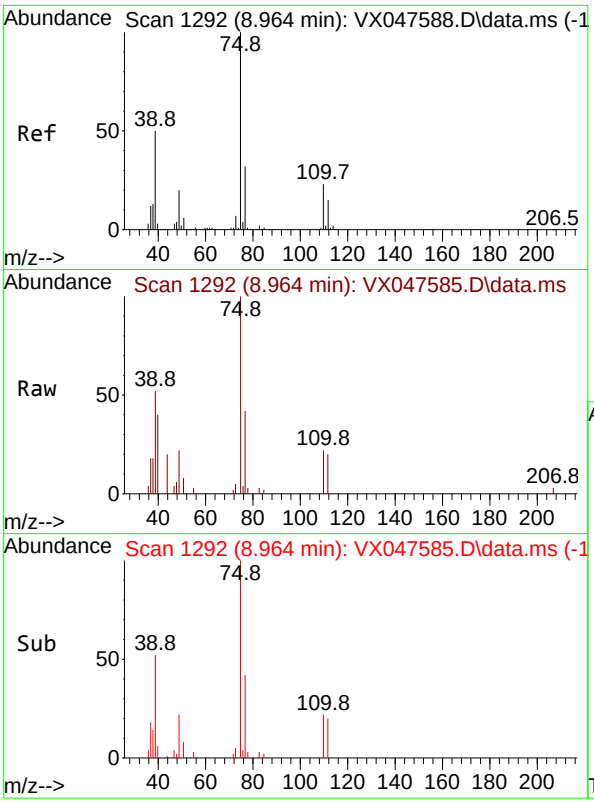


#52
Toluene
Concen: 0.917 ug/l
RT: 8.708 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 92 Resp: 7595

Ion	Ratio	Lower	Upper
92	100		
91	160.7	137.1	205.7



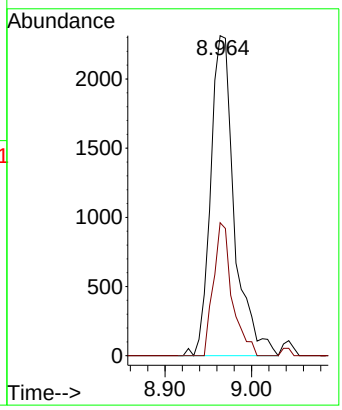


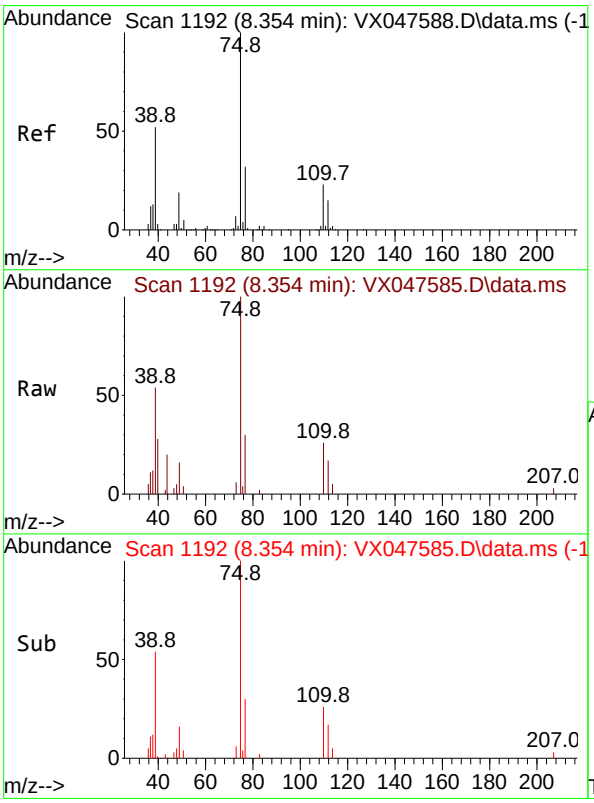
#53
t-1,3-Dichloropropene
Concen: 0.834 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 4398

Ion	Ratio	Lower	Upper
75	100		
77	41.5	25.4	38.2#

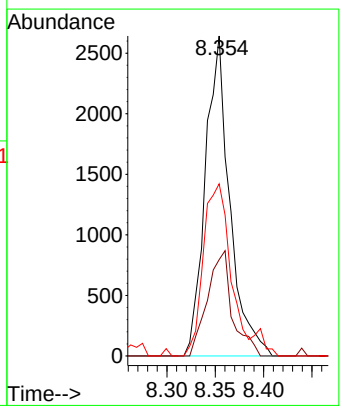


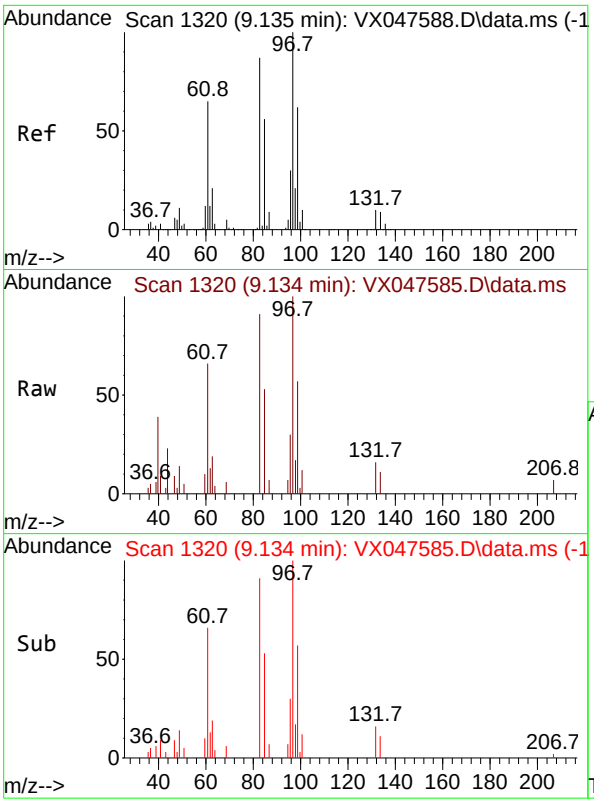


#54
cis-1,3-Dichloropropene
Concen: 0.823 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 75 Resp: 4635

Ion	Ratio	Lower	Upper
75	100		
77	30.1	25.8	38.6
39	25.6	41.4	62.2#



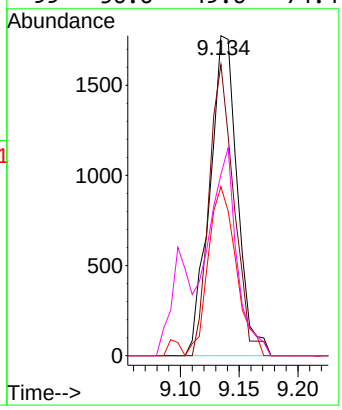


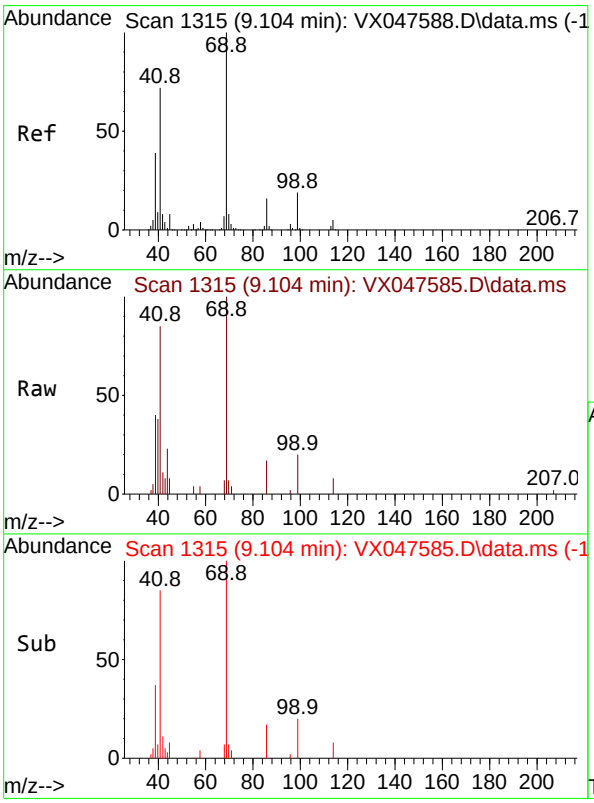
#55
1,1,2-Trichloroethane
Concen: 0.914 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 97 Resp: 2918

Ion	Ratio	Lower	Upper
97	100		
83	90.9	69.6	104.4
85	52.8	45.0	67.6
99	56.6	49.6	74.4

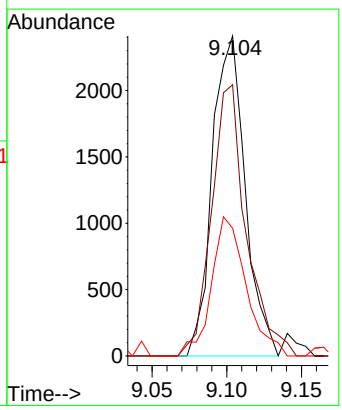


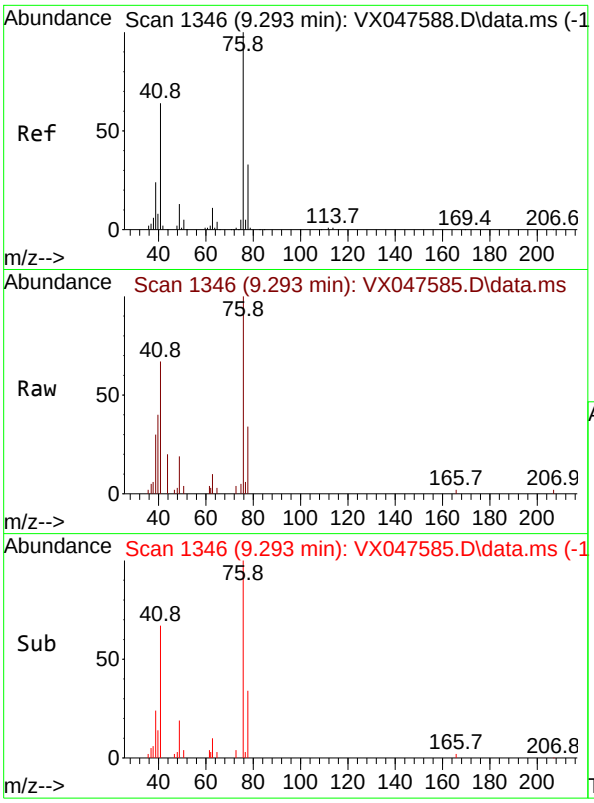


#56
Ethyl methacrylate
Concen: 0.734 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 69 Resp: 3679

Ion	Ratio	Lower	Upper
69	100		
41	89.4	58.6	87.8#
39	46.0	31.5	47.3



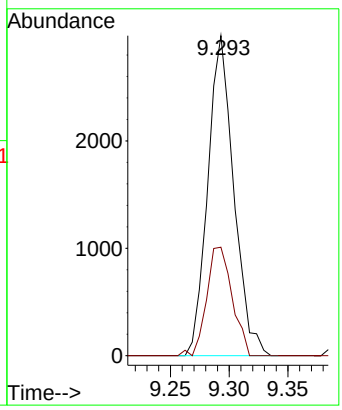


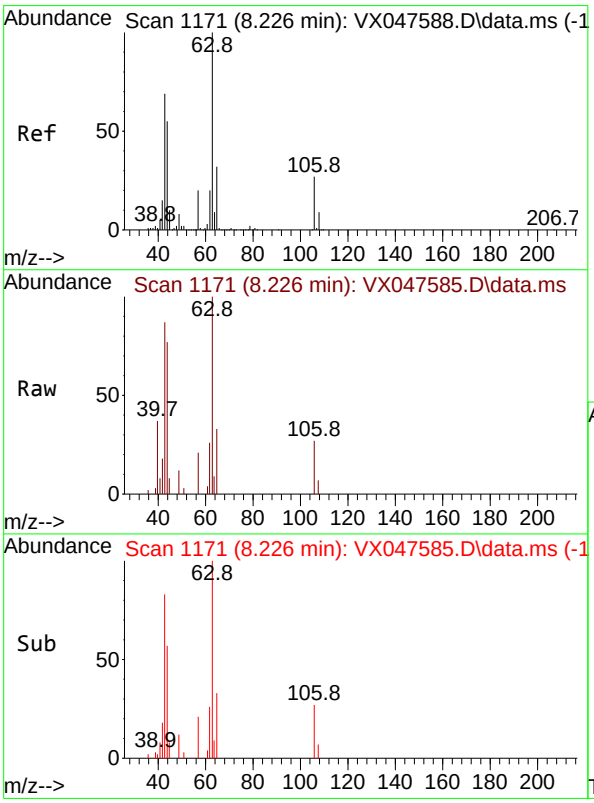
#57
1,3-Dichloropropane
Concen: 0.835 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 4580

Ion	Ratio	Lower	Upper
76	100		
78	33.2	26.2	39.4

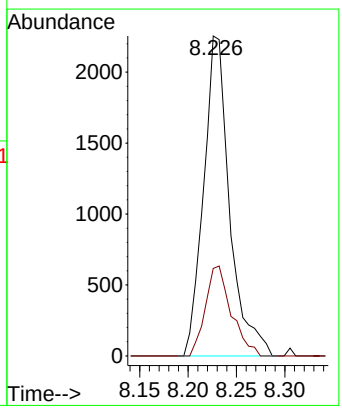


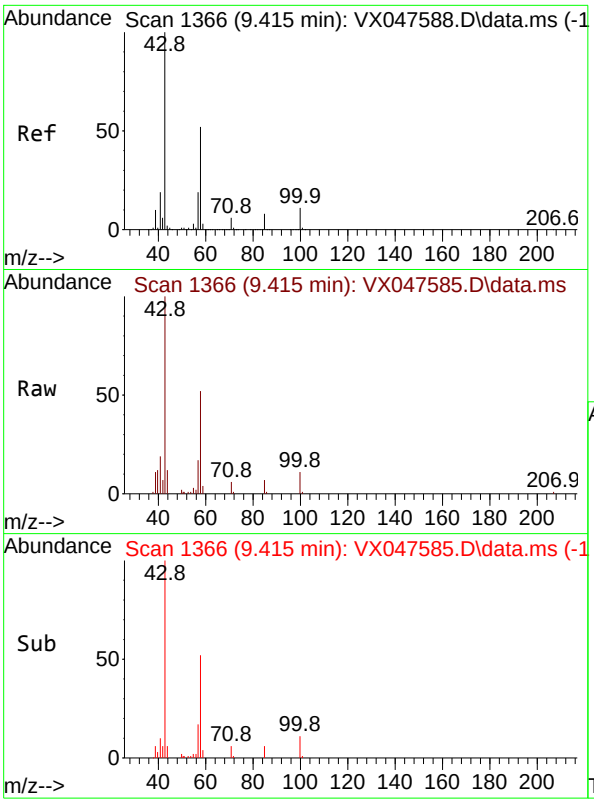


#58
2-Chloroethyl Vinyl ether
Concen: 9.665 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 63 Resp: 4222

Ion	Ratio	Lower	Upper
63	100		
106	27.9	21.9	32.9



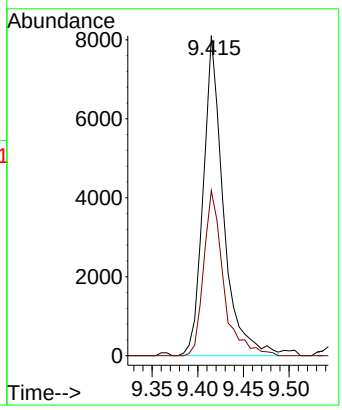


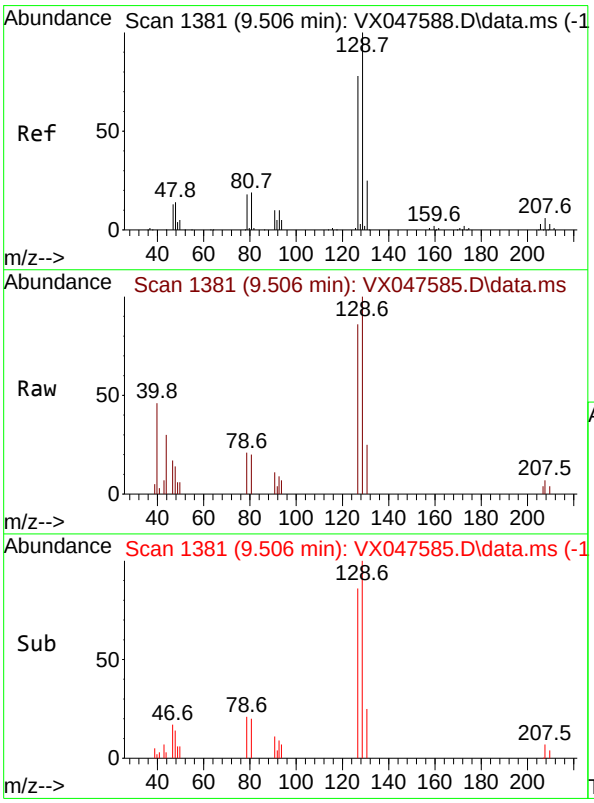
#59
2-Hexanone
Concen: 4.003 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 12385

Ion	Ratio	Lower	Upper
43	100		
58	50.7	26.1	78.2

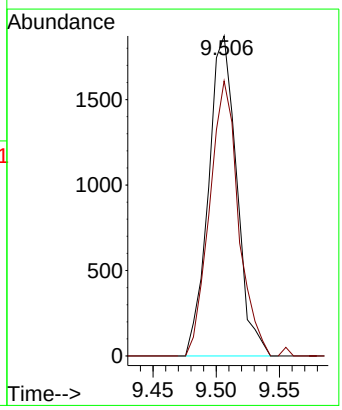


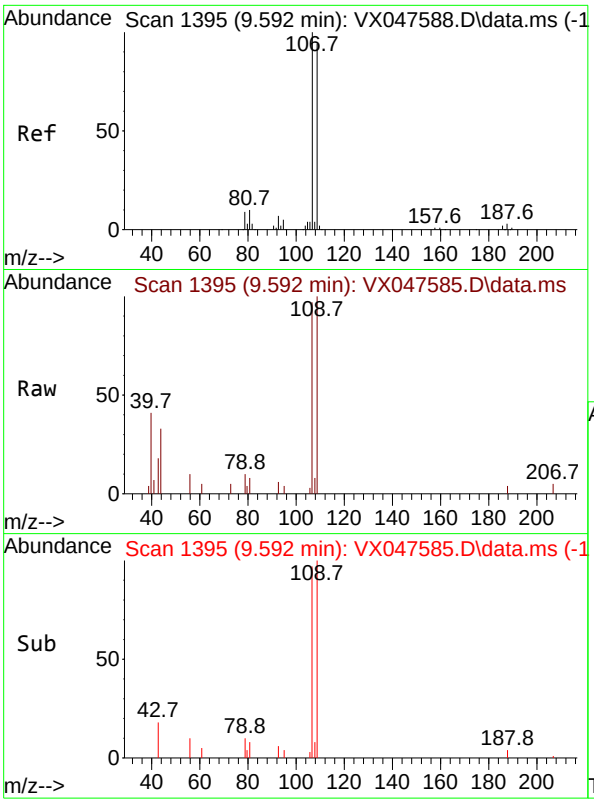


#60
Dibromochloromethane
Concen: 0.789 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:129 Resp: 2903

Ion	Ratio	Lower	Upper
129	100		
127	88.2	38.4	115.2



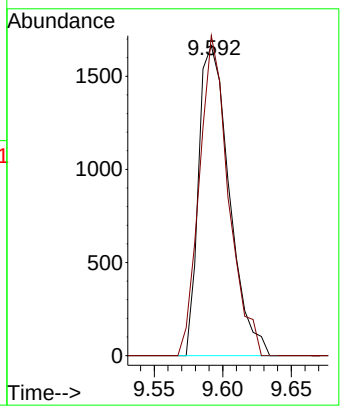


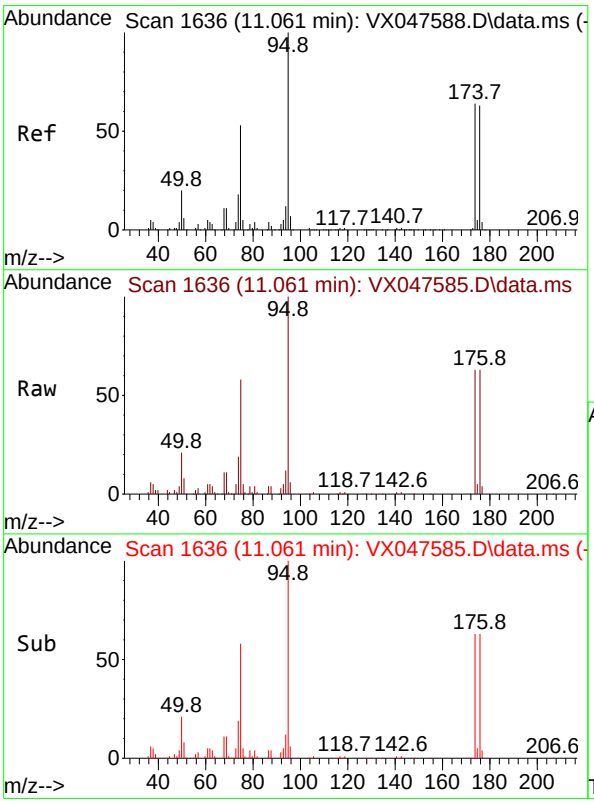
#61
1,2-Dibromoethane
Concen: 0.798 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:107 Resp: 2596

Ion	Ratio	Lower	Upper
107	100		
109	97.7	75.3	112.9

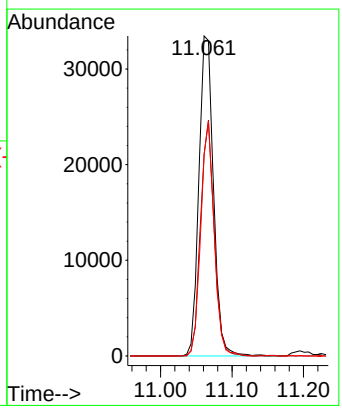


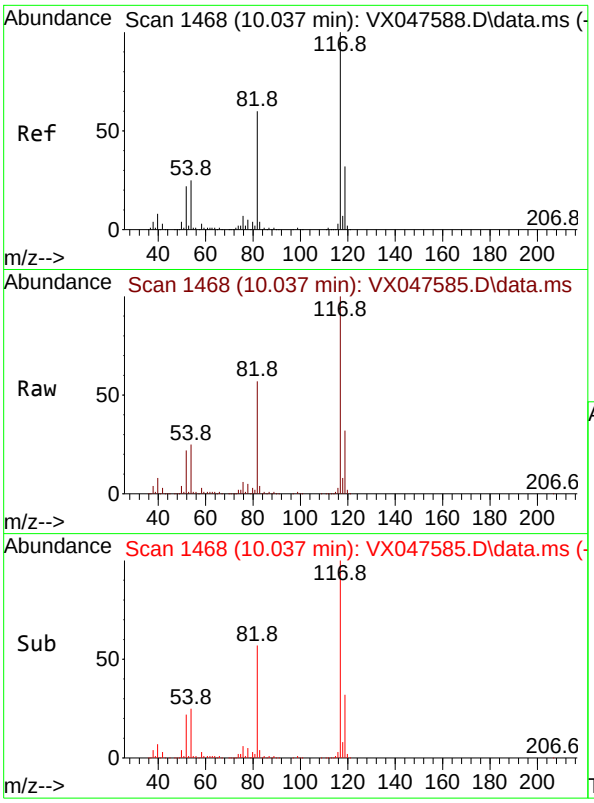


#62
4-Bromofluorobenzene
Concen: 11.900 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 95 Resp: 47321

Ion	Ratio	Lower	Upper
95	100		
174	68.9	0.0	141.6
176	67.0	0.0	138.4



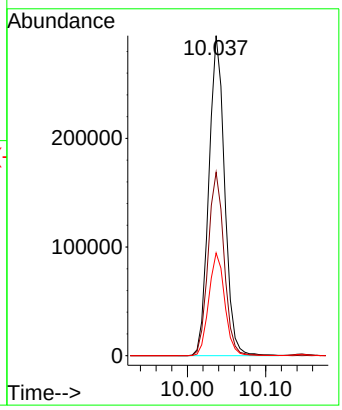


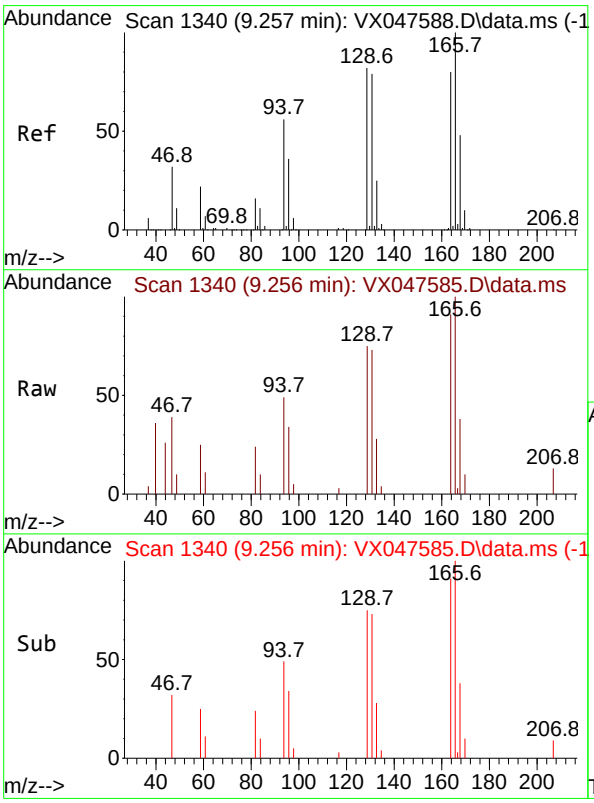
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 410953

Ion	Ratio	Lower	Upper
117	100		
82	57.3	47.8	71.6
119	32.1	25.2	37.8

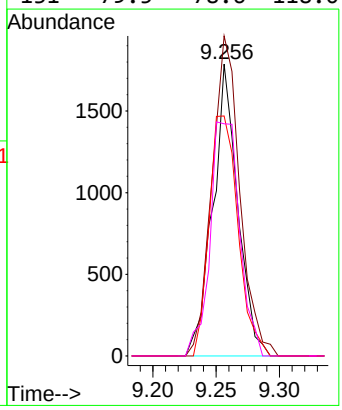


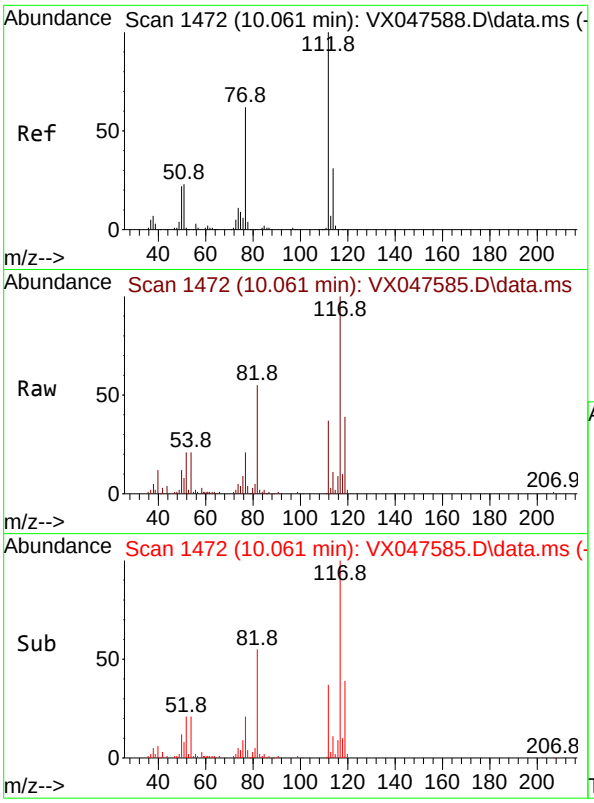


#64
Tetrachloroethene
Concen: 0.917 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:164 Resp: 2457

Ion	Ratio	Lower	Upper
164	100		
166	109.6	100.2	150.2
129	82.2	81.8	122.6
131	79.5	78.6	118.0



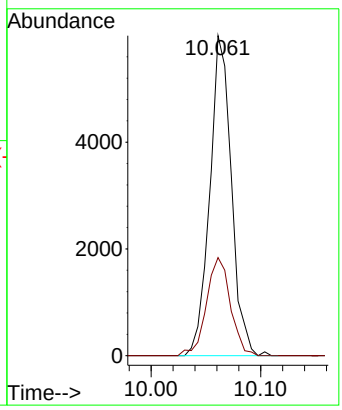


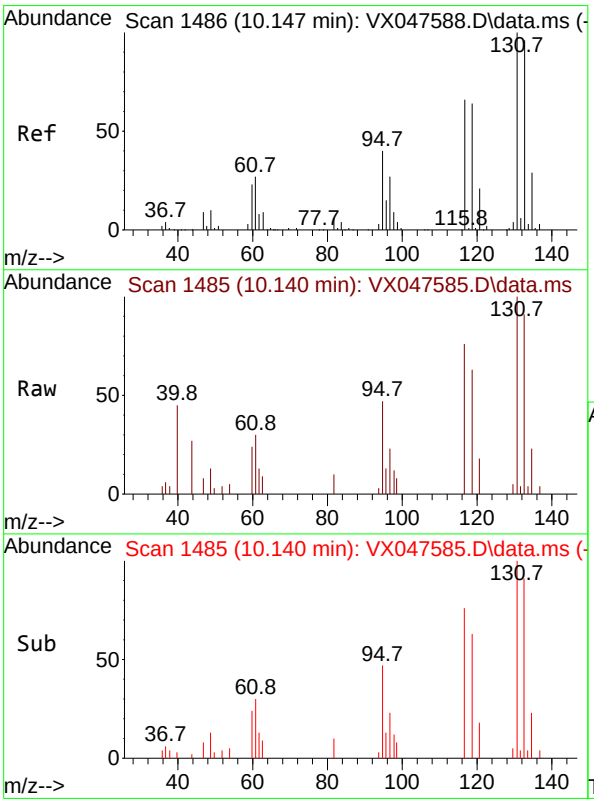
#65
Chlorobenzene
Concen: 0.879 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:112 Resp: 8202

Ion	Ratio	Lower	Upper
112	100		
114	30.7	25.1	37.7

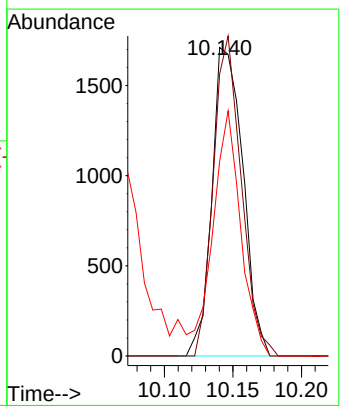


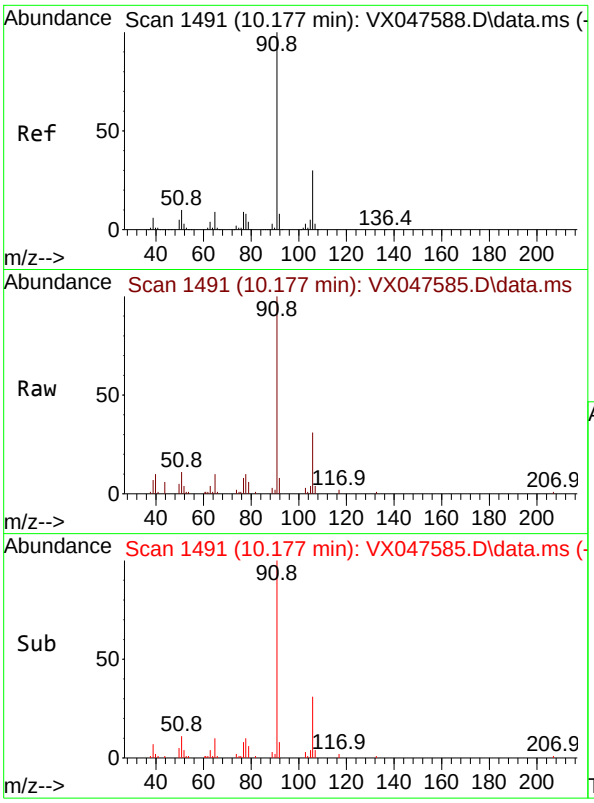


#66
1,1,1,2-Tetrachloroethane
Concen: 0.833 ug/l
RT: 10.140 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:131 Resp: 2684

Ion	Ratio	Lower	Upper
131	100		
133	93.9	47.3	142.0
119	0.0	32.0	96.0#



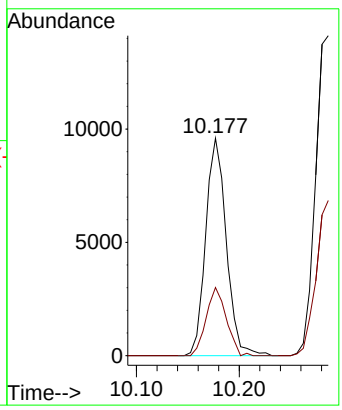


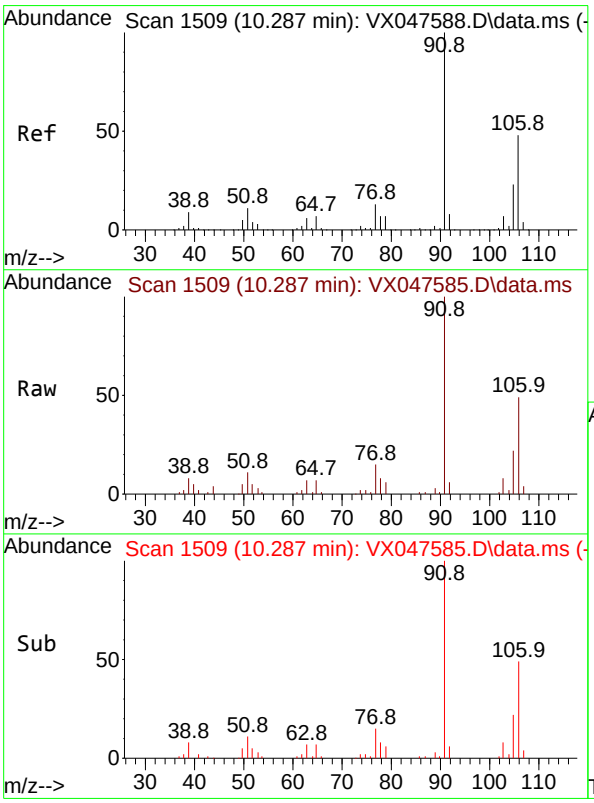
#67
Ethyl Benzene
Concen: 0.829 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 13360

Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.3	36.5

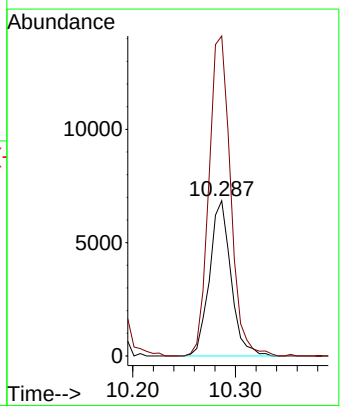


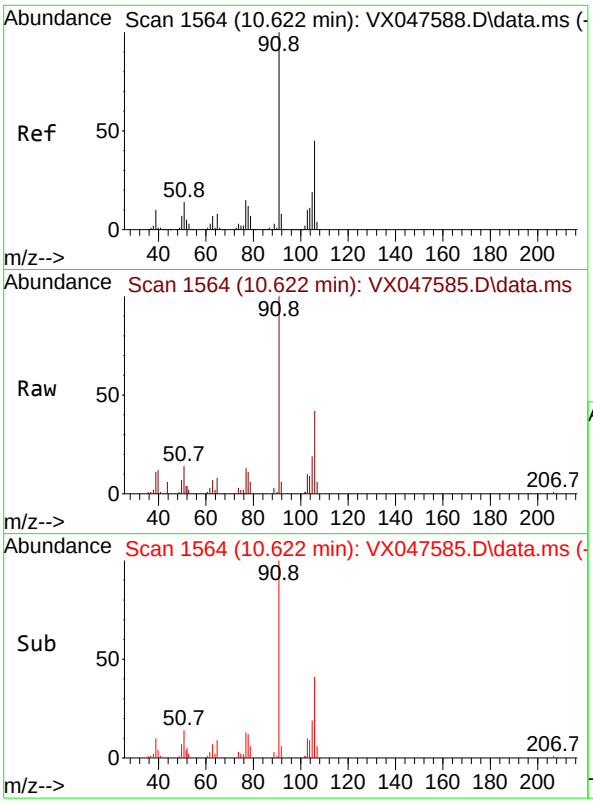


#68
m/p-Xylenes
Concen: 1.655 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:106 Resp: 9922

Ion	Ratio	Lower	Upper
106	100		
91	208.5	167.8	251.8



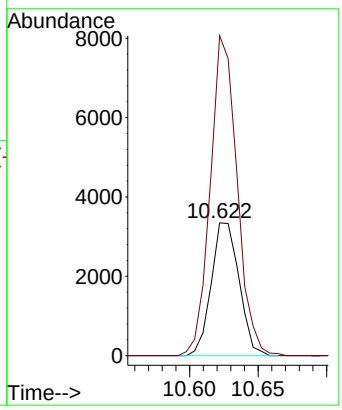


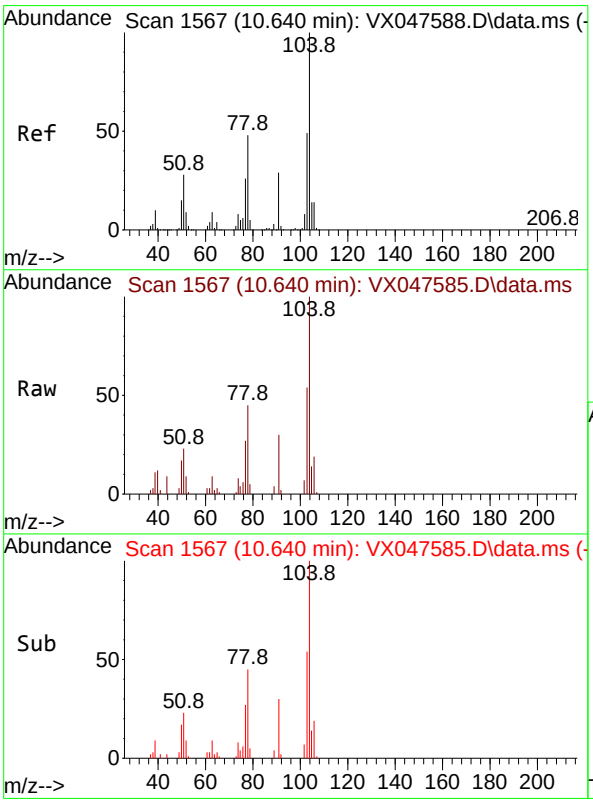
#69
o-Xylene
Concen: 0.816 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:106 Resp: 4734

Ion	Ratio	Lower	Upper
106	100		
91	232.4	111.1	333.4

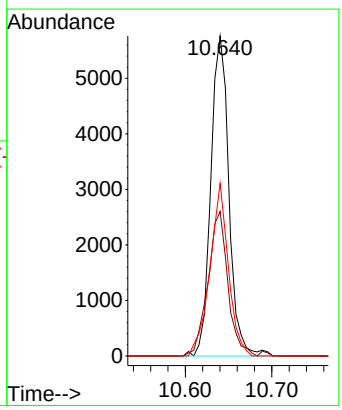


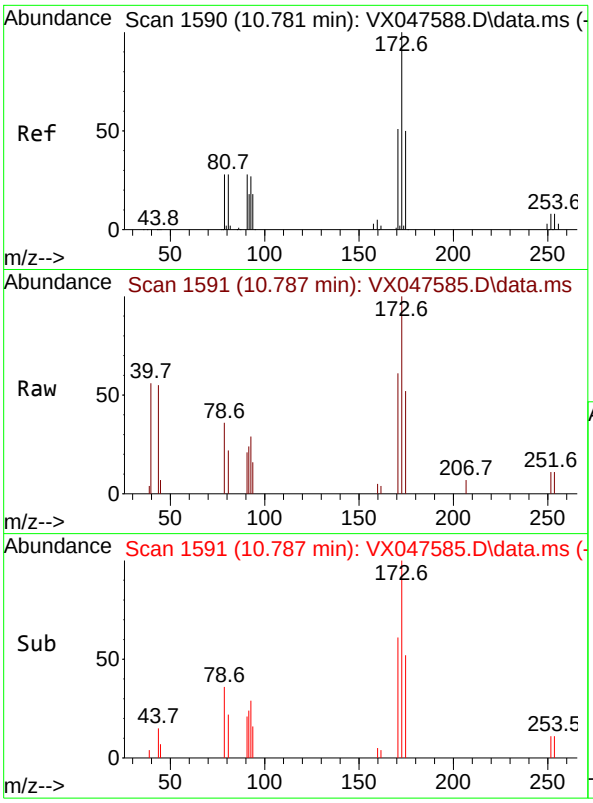


#70
Styrene
Concen: 0.824 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:104 Resp: 8377

Ion	Ratio	Lower	Upper
104	100		
78	49.5	43.1	64.7
103	55.0	43.1	64.7



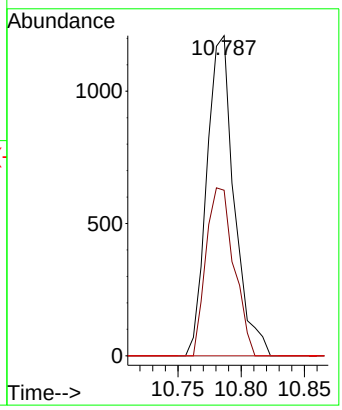


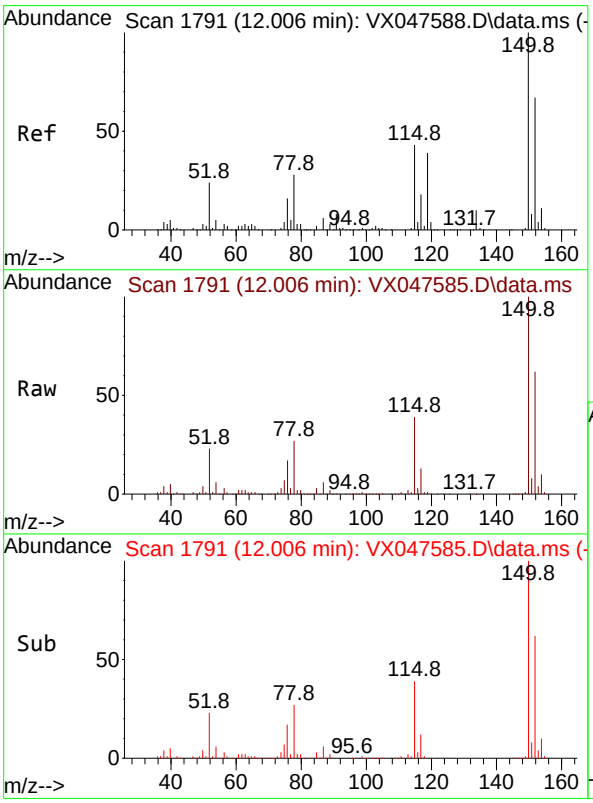
#71
Bromoform
Concen: 0.755 ug/l
RT: 10.787 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:173 Resp: 1816

Ion	Ratio	Lower	Upper
173	100		
175	53.8	24.9	74.6
254	0.0	0.1	0.1#

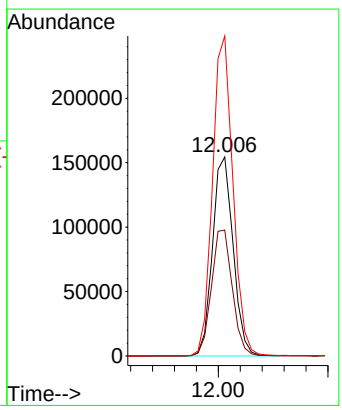


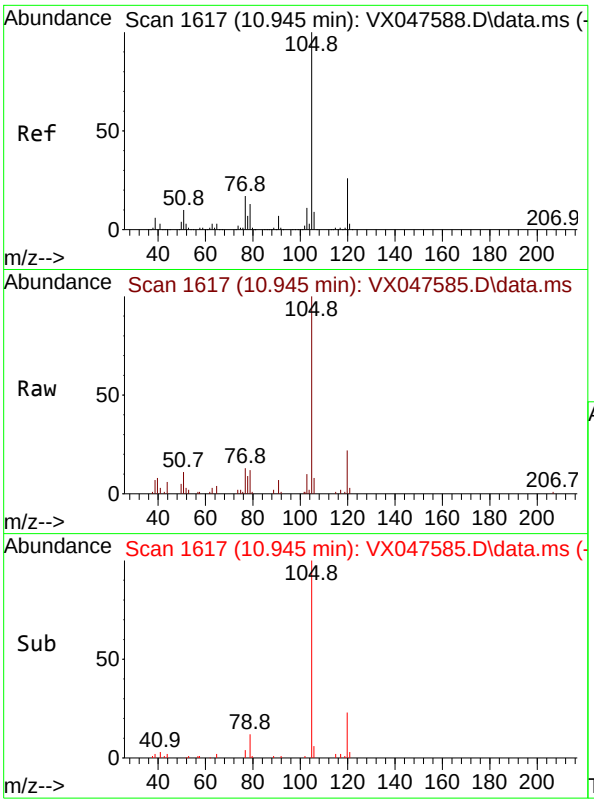


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:152 Resp: 201976

Ion	Ratio	Lower	Upper
152	100		
115	64.2	44.9	134.5
150	158.7	0.0	352.0



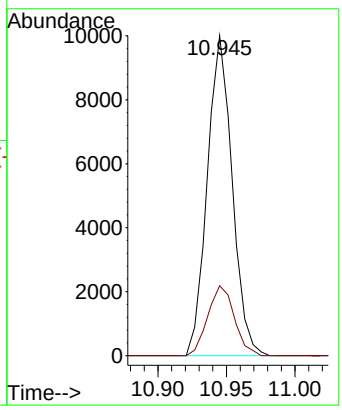


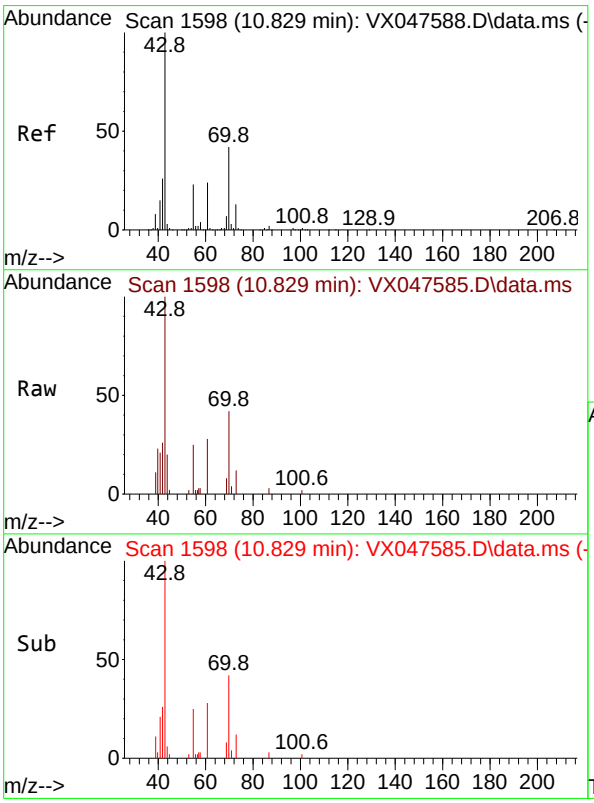
#73
Isopropylbenzene
Concen: 0.822 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 12618

Ion	Ratio	Lower	Upper
105	100		
120	23.4	12.8	38.4

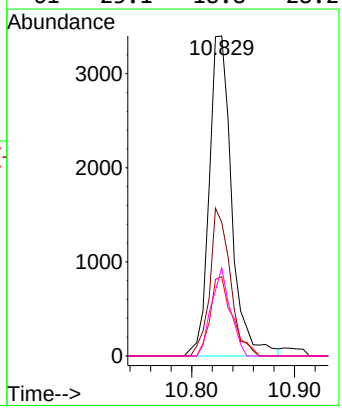


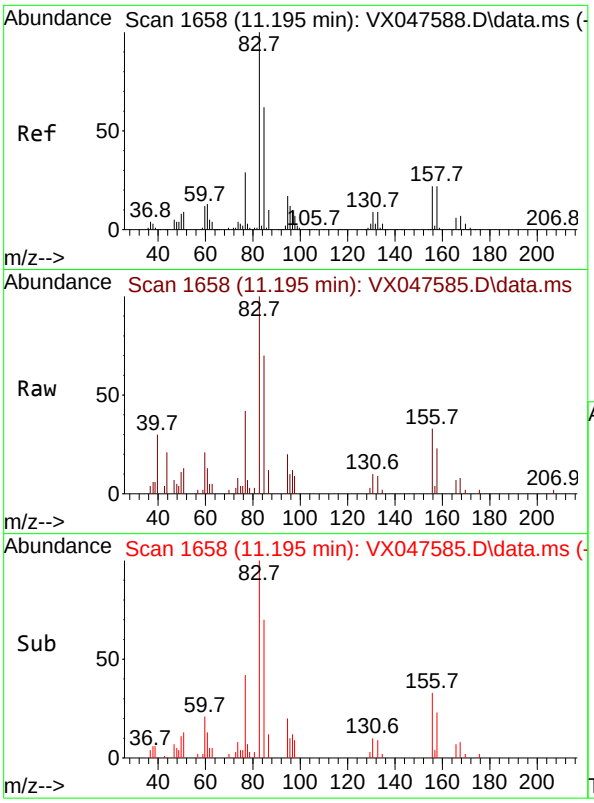


#74
N-amyl acetate
Concen: 0.737 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 5159

Ion	Ratio	Lower	Upper
43	100		
70	41.7	32.0	48.0
55	24.3	18.9	28.3
61	23.1	18.8	28.2



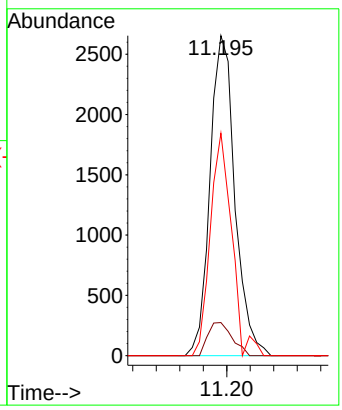


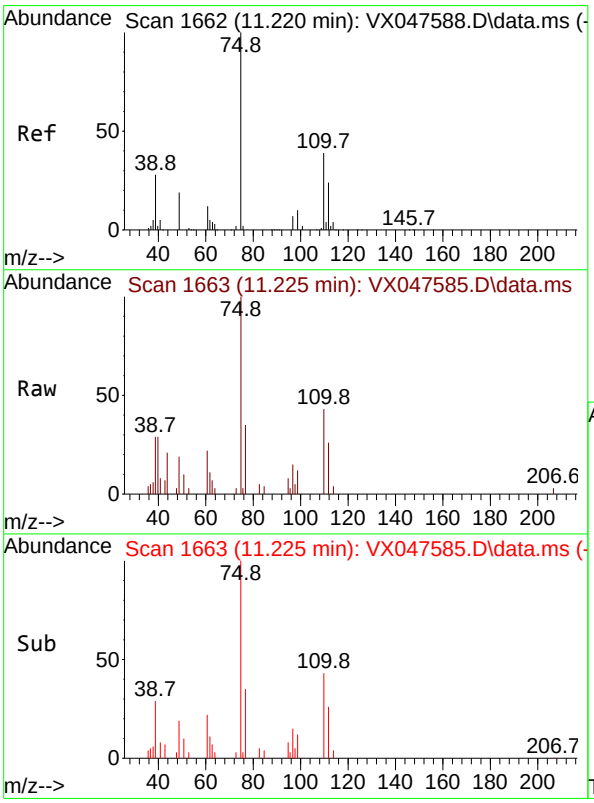
#75
1,1,2,2-Tetrachloroethane
Concen: 0.839 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 3900

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.0	14.9
85	59.8	31.6	95.0

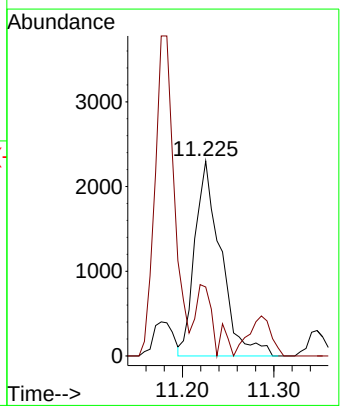


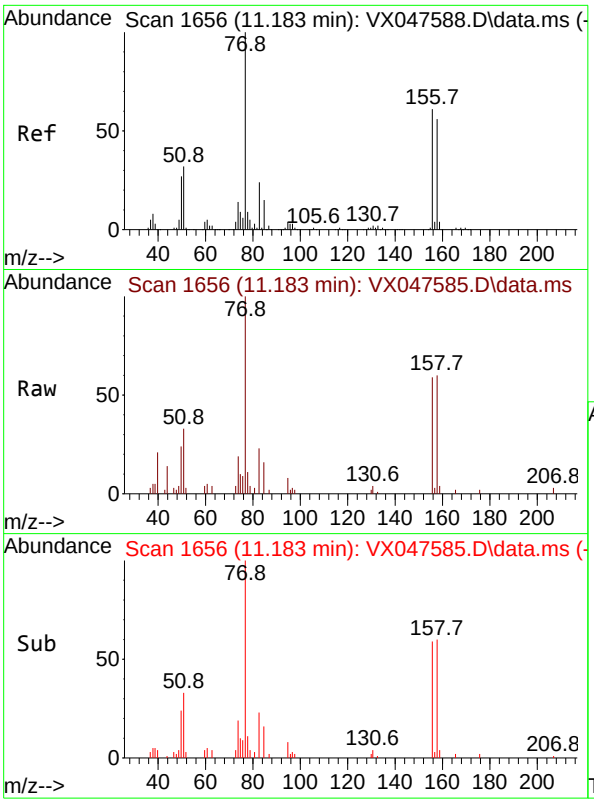


#76
1,2,3-Trichloropropane
Concen: 1.117 ug/l
RT: 11.225 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 75 Resp: 4568

Ion	Ratio	Lower	Upper
75	100		
77	25.9	18.8	56.4



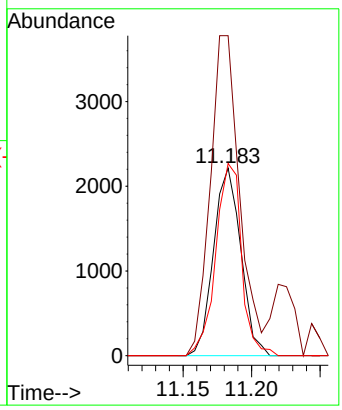


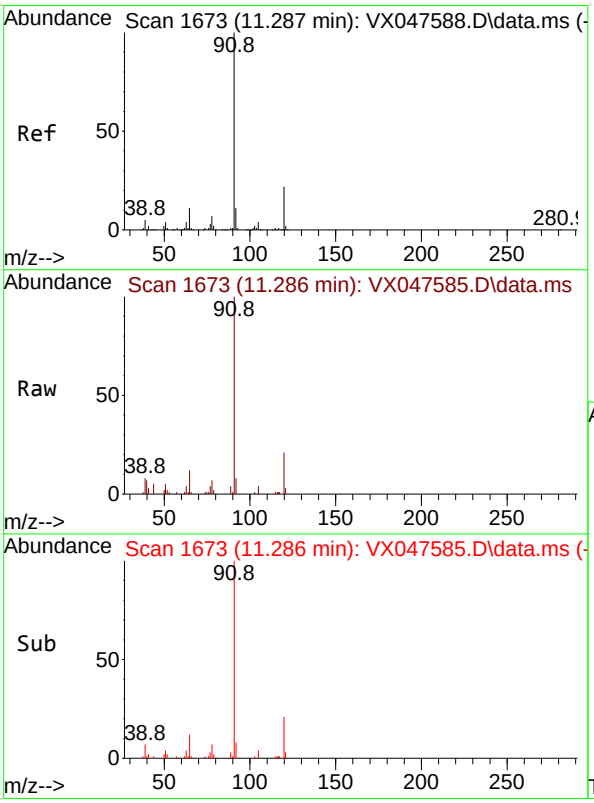
#77
Bromobenzene
Concen: 0.811 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:156 Resp: 3069

Ion	Ratio	Lower	Upper
156	100		
77	182.3	89.7	269.1
158	96.6	47.9	143.6

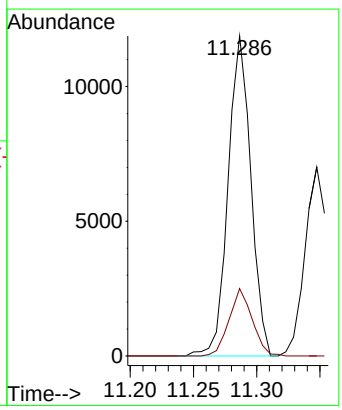


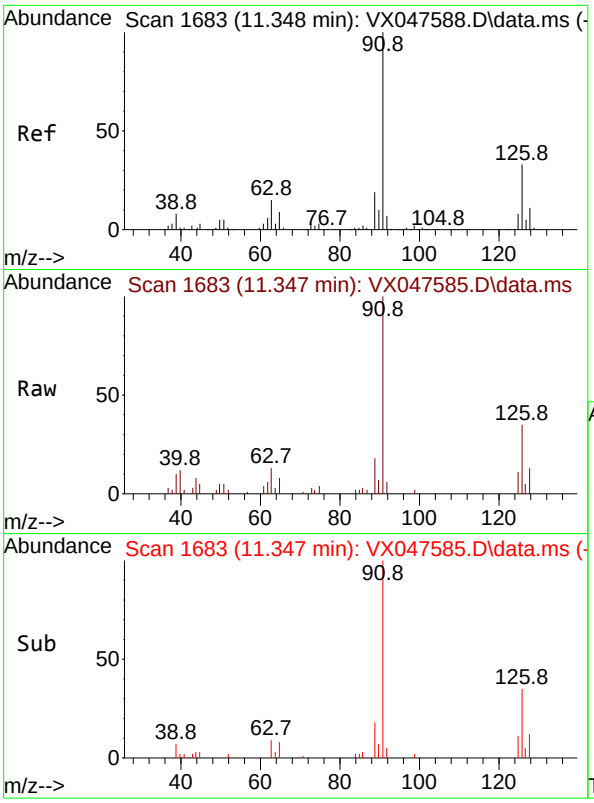


#78
n-propylbenzene
Concen: 0.819 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 91 Resp: 14866

Ion	Ratio	Lower	Upper
91	100		
120	21.4	11.1	33.1



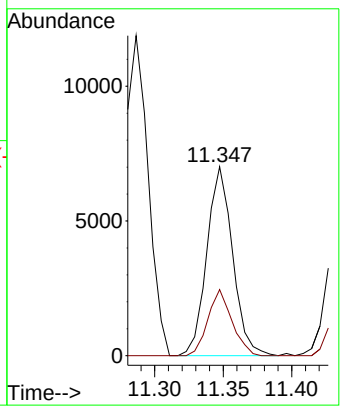


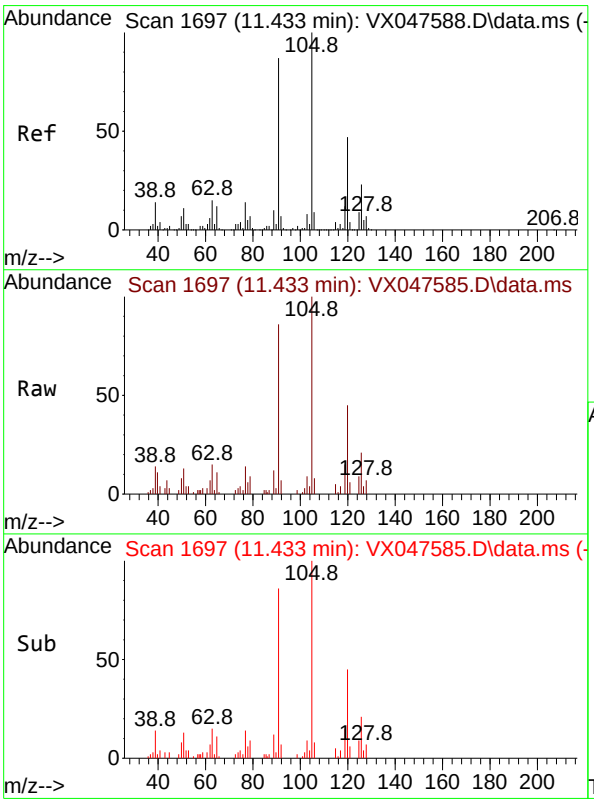
#79
2-Chlorotoluene
Concen: 0.827 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 9195

Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.1	48.3

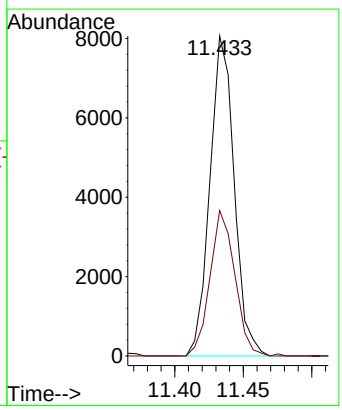


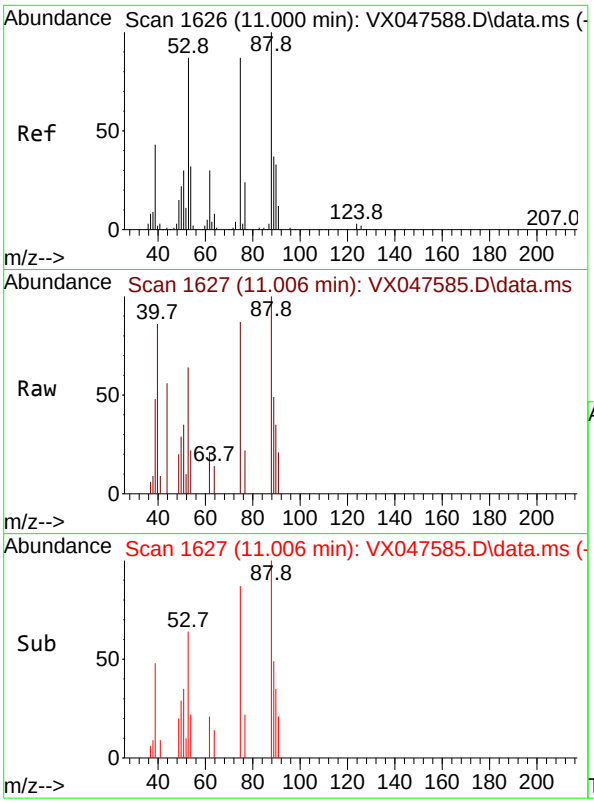


#80
1,3,5-Trimethylbenzene
Concen: 0.787 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:105 Resp: 9929

Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.6	70.8



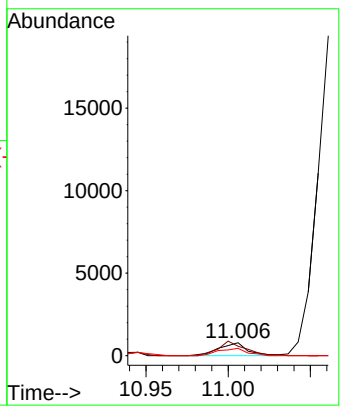


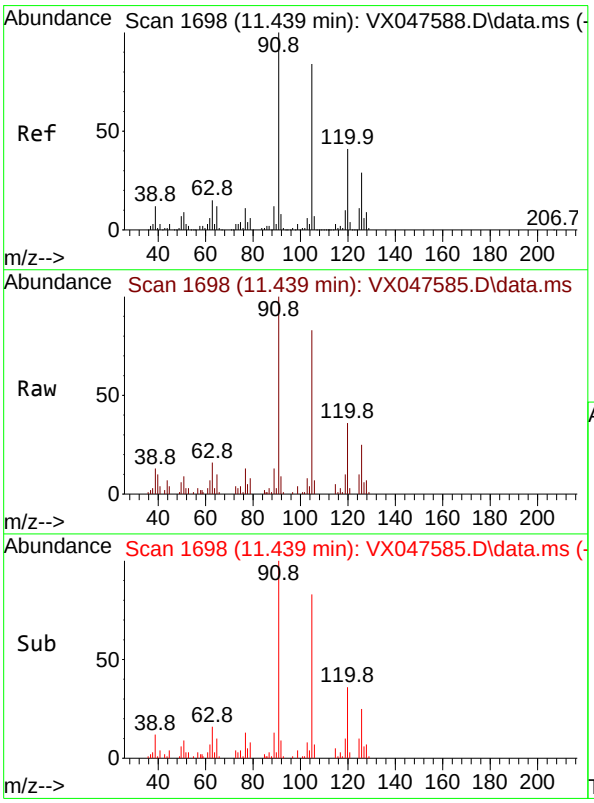
#81
trans-1,4-Dichloro-2-butene
Concen: 0.599 ug/l
RT: 11.006 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 960

Ion	Ratio	Lower	Upper
75	100		
53	103.2	83.4	125.2
89	55.2	36.3	54.5#

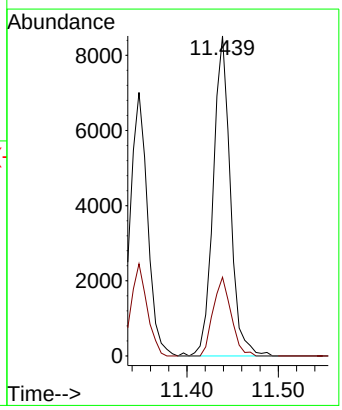


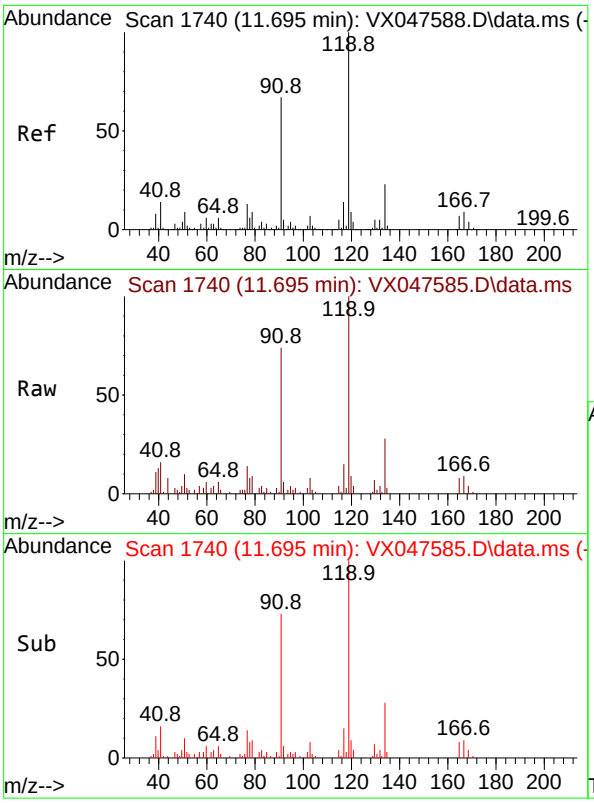


#82
4-Chlorotoluene
Concen: 0.847 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 91 Resp: 11123

Ion	Ratio	Lower	Upper
91	100		
126	25.8	14.2	42.6



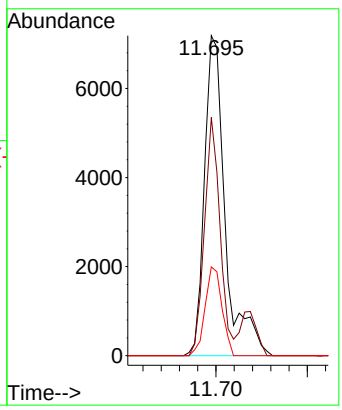


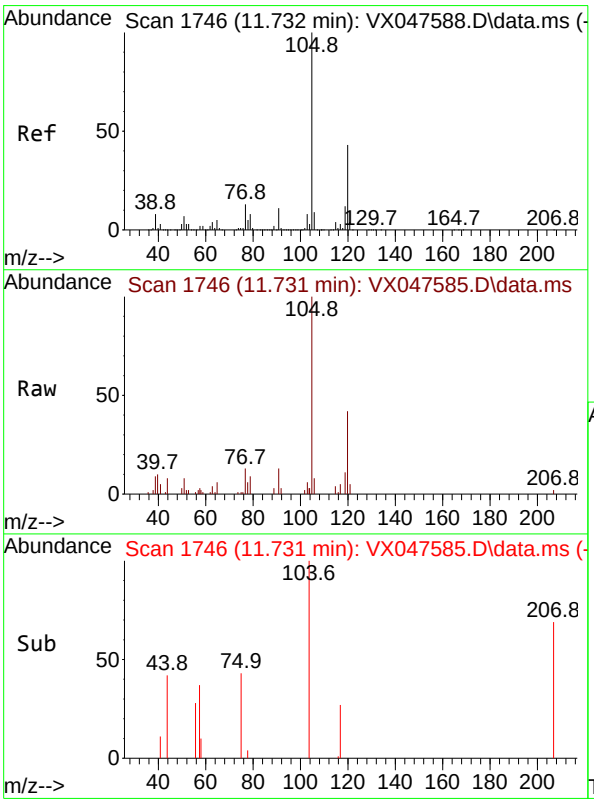
#83
tert-Butylbenzene
Concen: 0.876 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 11311

Ion	Ratio	Lower	Upper
119	100		
91	56.1	29.6	88.8
134	22.5	11.0	33.0

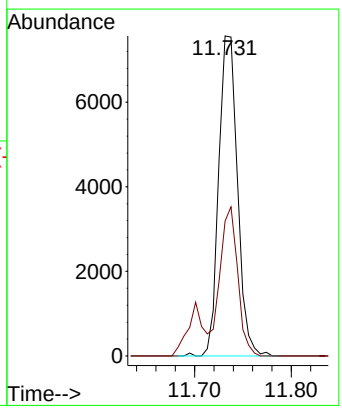


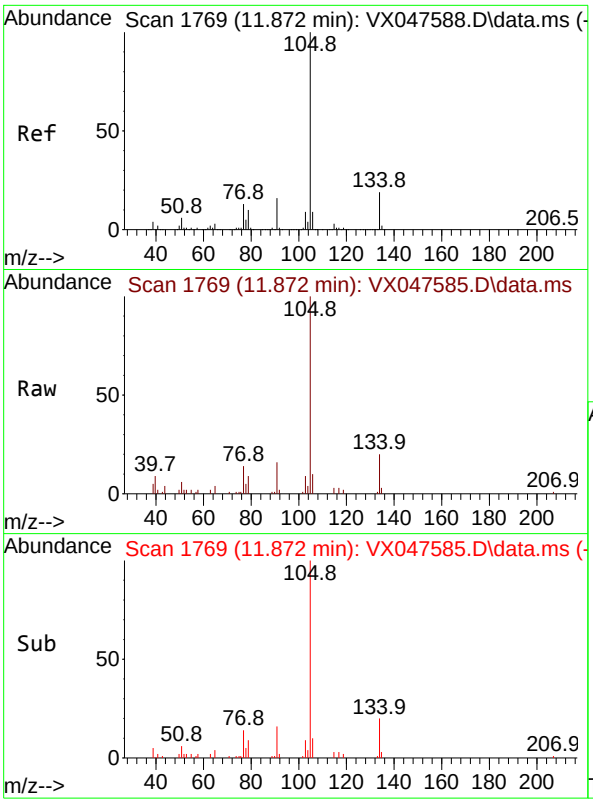


#84
1,2,4-Trimethylbenzene
Concen: 0.796 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:105 Resp: 10187

Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.1	66.1



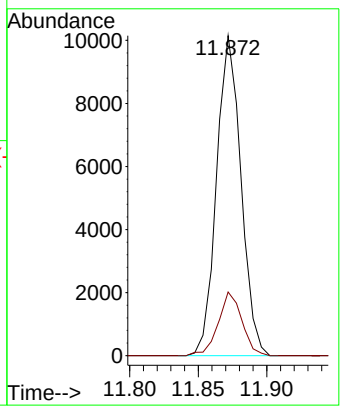


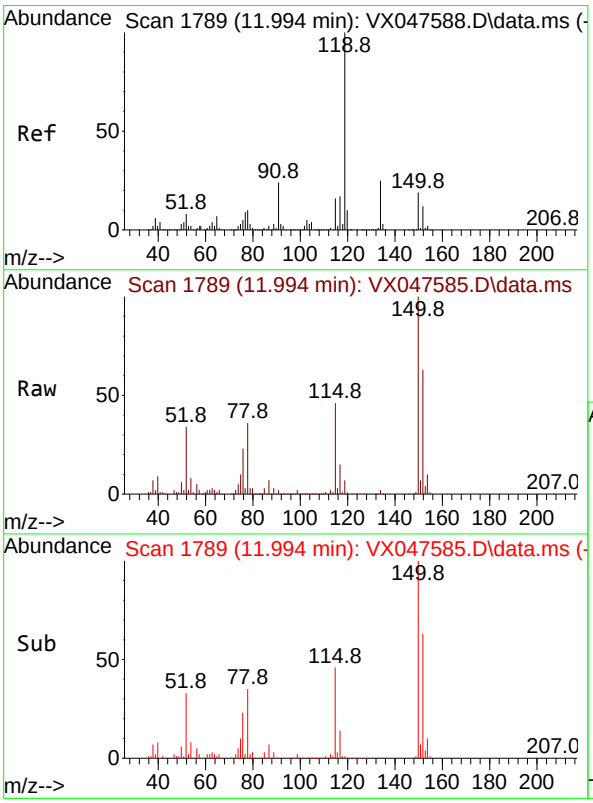
#85
sec-Butylbenzene
Concen: 0.819 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 12561

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.8	29.5

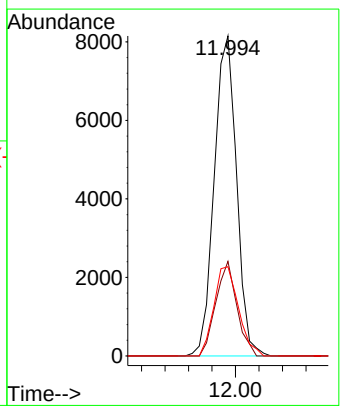


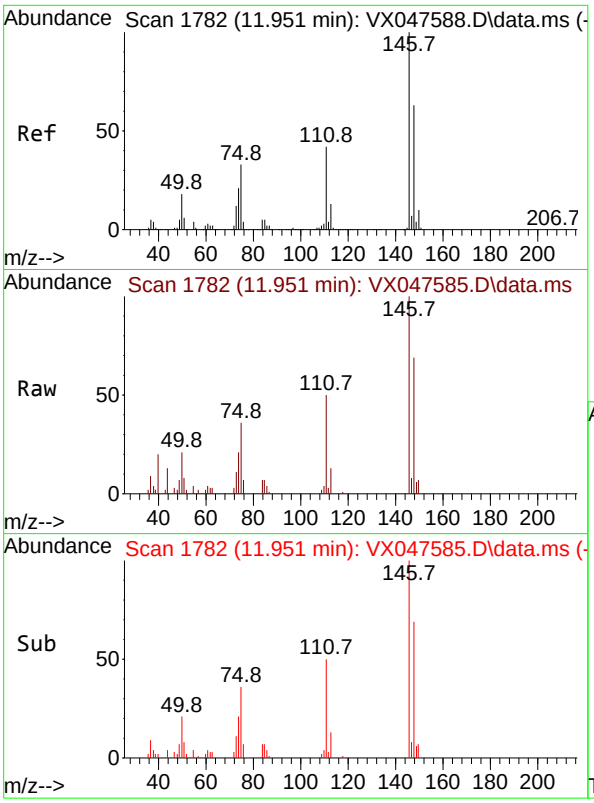


#86
p-Isopropyltoluene
Concen: 0.827 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:119 Resp: 10744

Ion	Ratio	Lower	Upper
119	100		
134	27.9	12.6	37.8
91	30.8	12.6	37.6



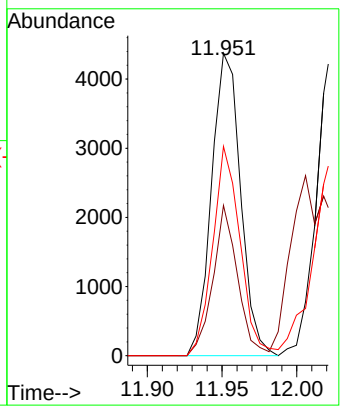


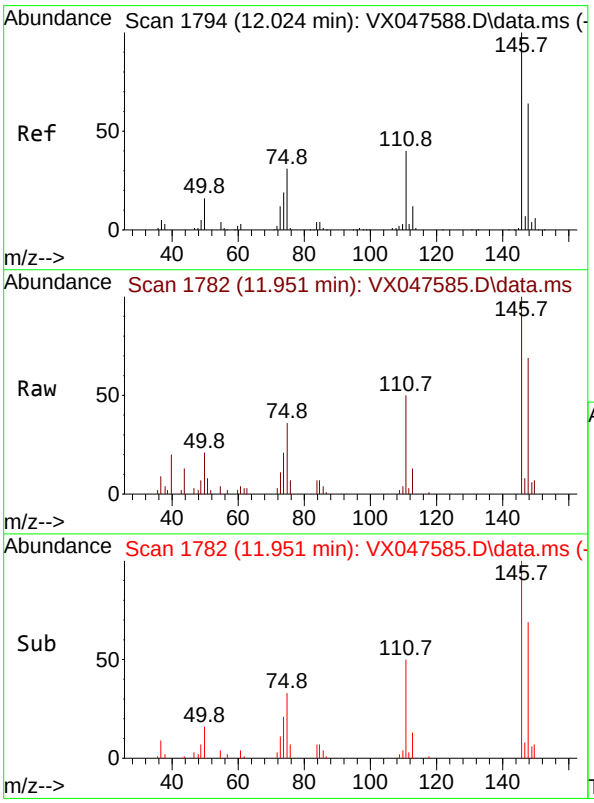
#87
1,3-Dichlorobenzene
Concen: 0.841 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 5907

Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.5	64.5
148	65.5	32.0	96.0

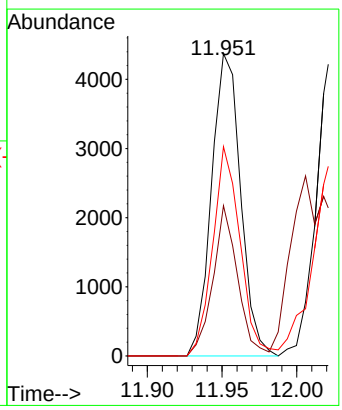


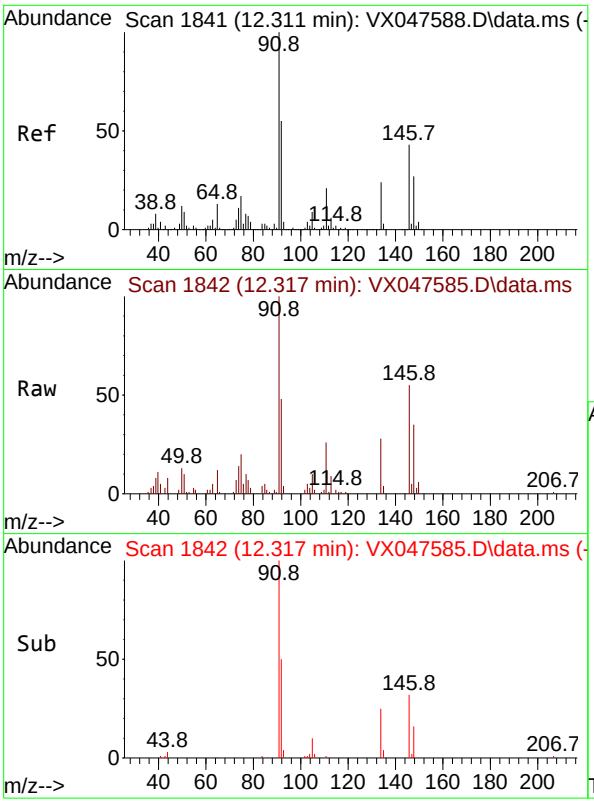


#88
1,4-Dichlorobenzene
Concen: 0.819 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.073 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:146 Resp: 5907

Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.8	62.4
148	65.5	31.7	95.1



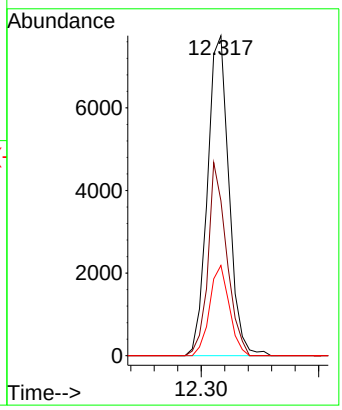


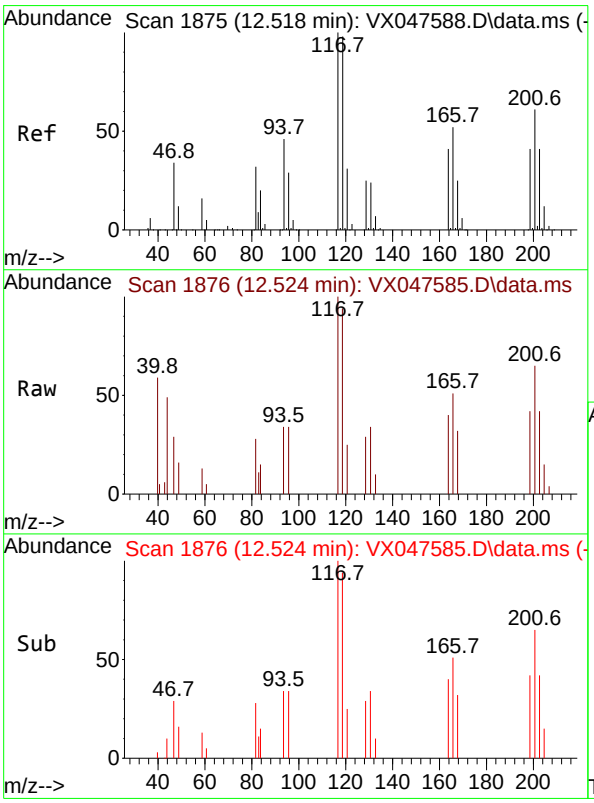
#89
n-Butylbenzene
Concen: 0.816 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 9811

Ion	Ratio	Lower	Upper
91	100		
92	52.4	27.6	82.7
134	25.9	12.6	37.8

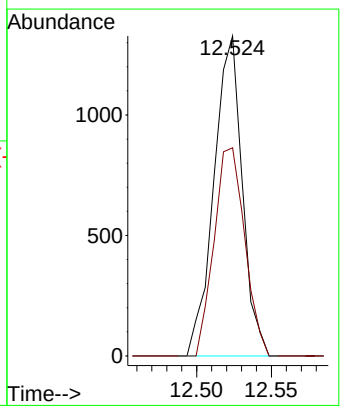


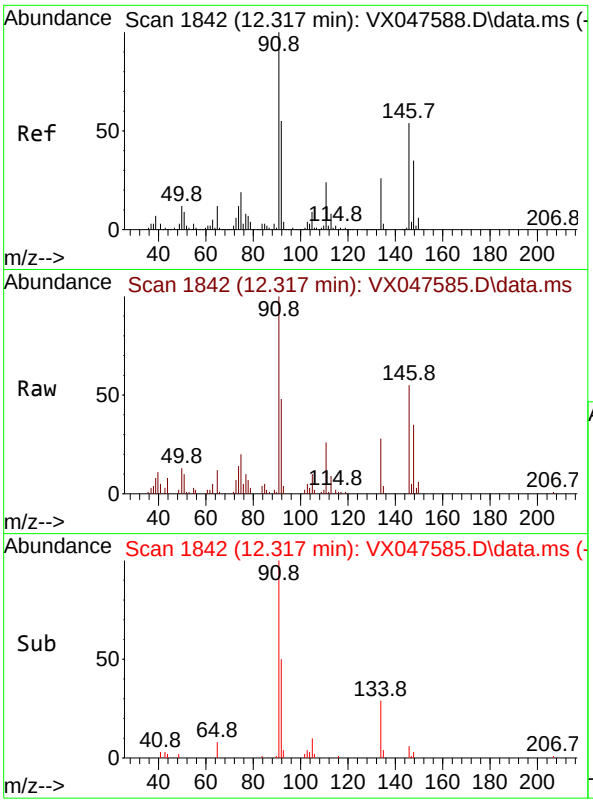


#90
Hexachloroethane
Concen: 0.768 ug/l
RT: 12.524 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:117 Resp: 1752

Ion	Ratio	Lower	Upper
117	100		
201	70.4	34.2	102.5



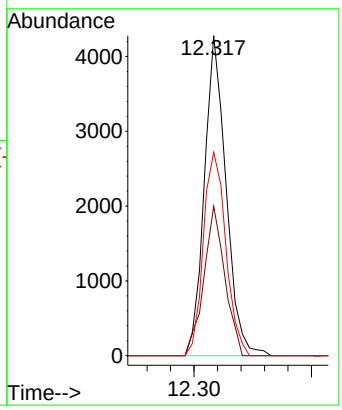


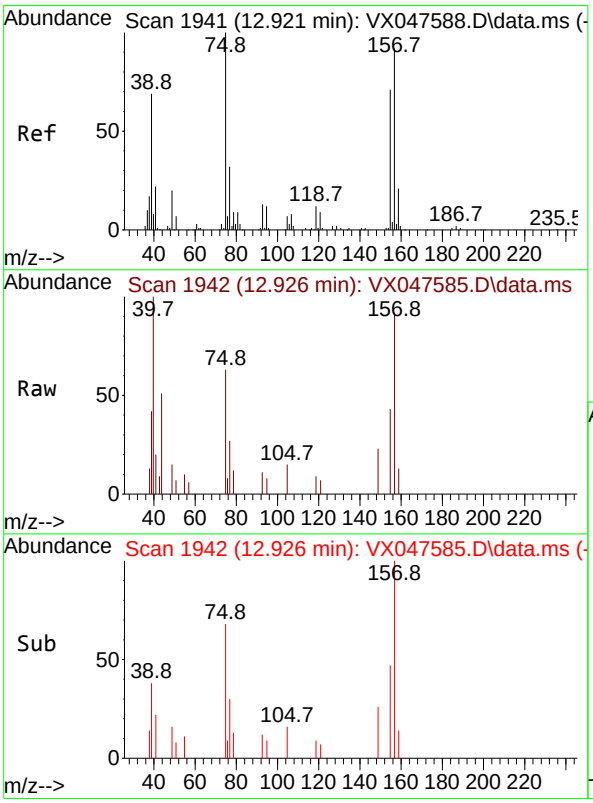
#91
1,2-Dichlorobenzene
Concen: 0.820 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 5491

Ion	Ratio	Lower	Upper
146	100		
111	45.2	22.2	66.6
148	65.8	31.8	95.4

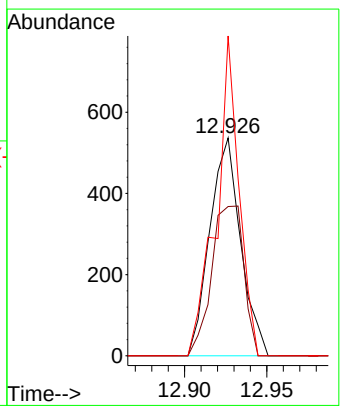


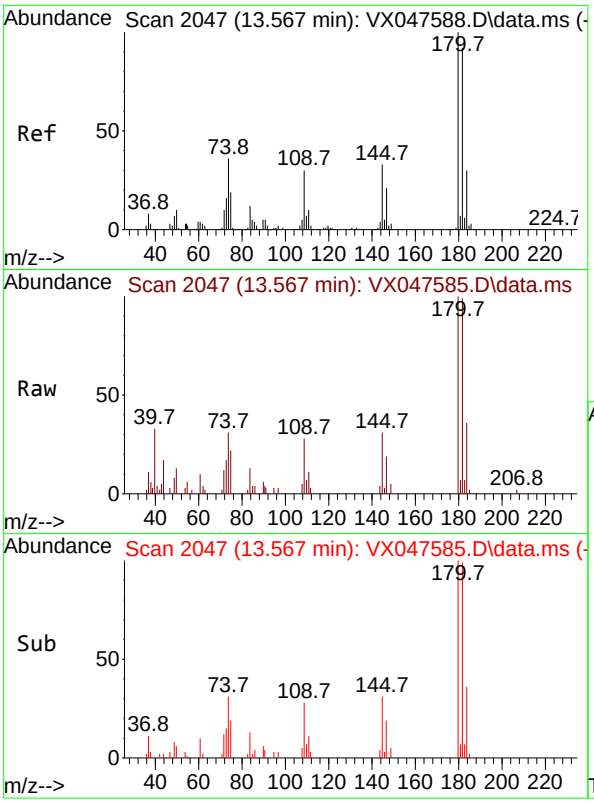


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.742 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 75 Resp: 698

Ion	Ratio	Lower	Upper
75	100		
155	72.1	37.7	113.1
157	108.7	49.8	149.4



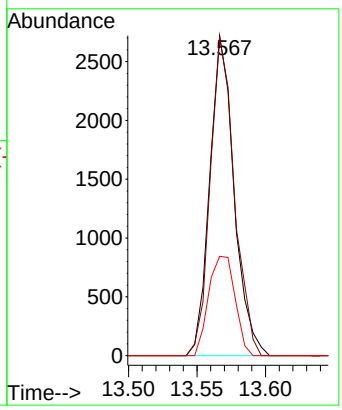


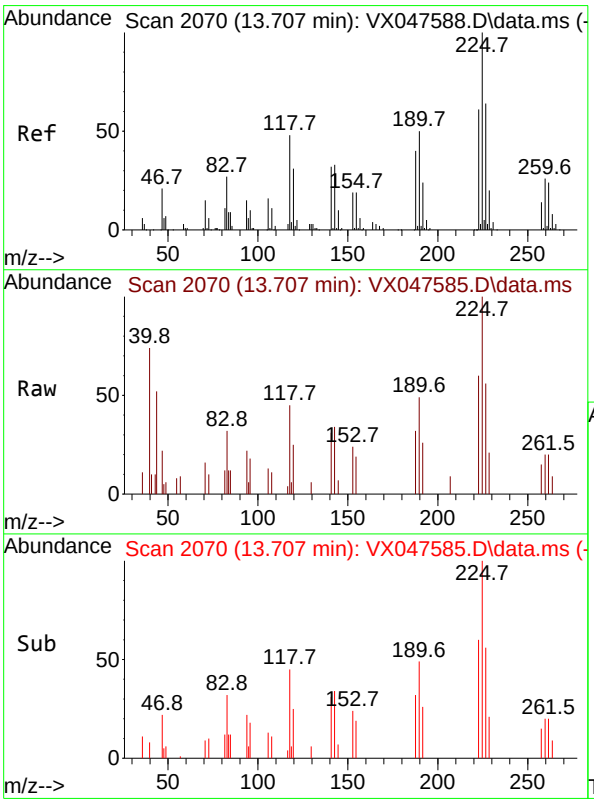
#93
1,2,4-Trichlorobenzene
Concen: 0.772 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:180 Resp: 3358

Ion	Ratio	Lower	Upper
180	100		
182	98.6	46.6	139.8
145	33.7	16.4	49.1

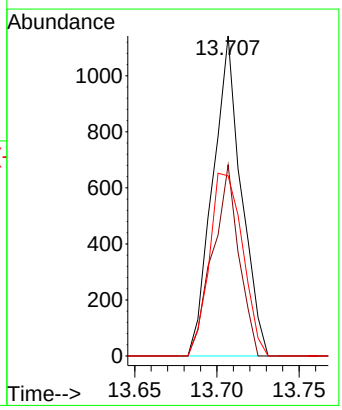


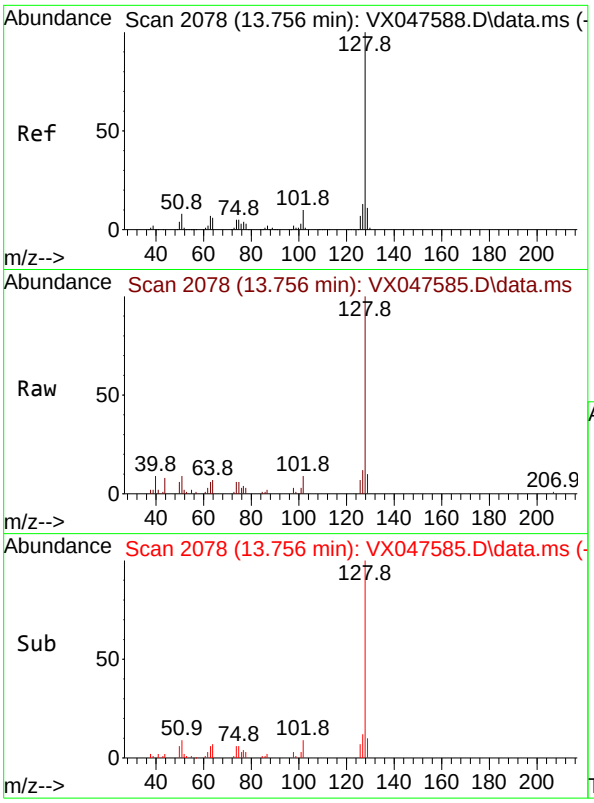


#94
Hexachlorobutadiene
Concen: 0.933 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:225 Resp: 1378

Ion	Ratio	Lower	Upper
225	100		
223	54.8	31.7	95.1
227	66.7	32.0	96.0



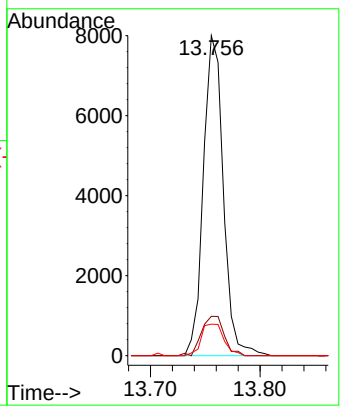


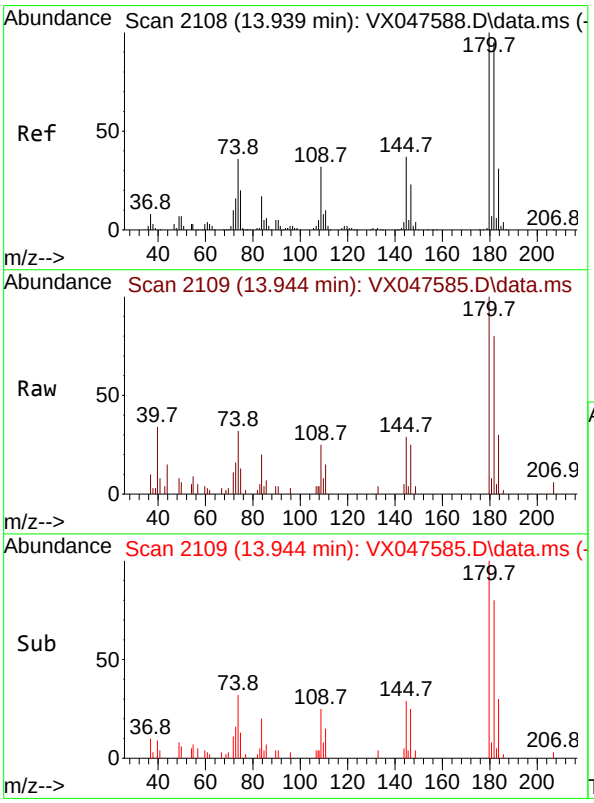
#95
Naphthalene
Concen: 0.763 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:128 Resp: 10112

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.2	15.2
129	11.2	8.8	13.2

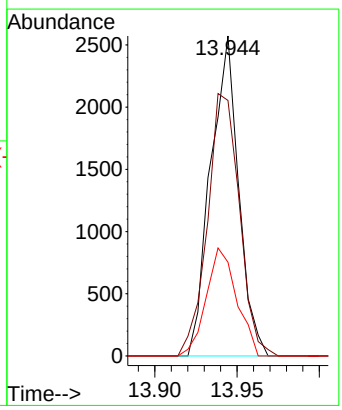




#96
1,2,3-Trichlorobenzene
Concen: 0.752 ug/l
RT: 13.944 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:180 Resp: 3043

Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.6	142.8
145	36.6	17.9	53.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Sep 22 01:48:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	198376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	355026	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	317288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	156219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	17538	5.554	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.100%#		
35) Dibromofluoromethane	5.373	113	12647	5.312	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.620%#		
50) Toluene-d8	8.635	98	43926	5.332	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.660%#		
62) 4-Bromofluorobenzene	11.061	95	16974	5.429	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.860%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	11403	5.551	ug/l	93
3) Chloromethane	1.301	50	14854	5.502	ug/l	99
4) Vinyl Chloride	1.380	62	14147	5.353	ug/l	97
5) Bromomethane	1.618	94	9780	5.836	ug/l	87
6) Chloroethane	1.697	64	8926	5.053	ug/l	96
7) Trichlorofluoromethane	1.898	101	20497	5.223	ug/l	100
8) Diethyl Ether	2.136	74	8039	5.008	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	11729	5.112	ug/l	98
10) Methyl Iodide	2.453	142	17159	4.795	ug/l	98
11) Tert butyl alcohol	2.947	59	8399	23.883	ug/l	99
12) 1,1-Dichloroethene	2.325	96	12131	5.147	ug/l	91
13) Acrolein	2.239	56	7080	21.847	ug/l	95
14) Allyl chloride	2.666	41	25135	5.168	ug/l	99
15) Acrylonitrile	3.062	53	32587	25.016	ug/l	99
16) Acetone	2.374	43	41297	30.079	ug/l	97
17) Carbon Disulfide	2.514	76	34426	5.335	ug/l	100
18) Methyl Acetate	2.703	43	13357	4.371	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	44396	5.160	ug/l	98
20) Methylene Chloride	2.788	84	15307	5.267	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	13937	5.492	ug/l	97
22) Diisopropyl ether	3.757	45	50213	5.327	ug/l	98
23) Vinyl Acetate	3.715	43	192175	25.474	ug/l	99
24) 1,1-Dichloroethane	3.611	63	26292	5.248	ug/l	97
25) 2-Butanone	4.544	43	46651	27.240	ug/l	92
26) 2,2-Dichloropropane	4.465	77	21738	5.220	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	15996	5.147	ug/l	98
28) Bromochloromethane	4.891	49	12047	5.508	ug/l	95
29) Tetrahydrofuran	4.995	42	26729	25.944	ug/l	92
30) Chloroform	5.080	83	27054	5.344	ug/l	99
31) Cyclohexane	5.458	56	23032	5.520	ug/l	94
32) 1,1,1-Trichloroethane	5.367	97	22279	5.188	ug/l	96
36) 1,1-Dichloropropene	5.684	75	18455	5.304	ug/l	98
37) Ethyl Acetate	4.708	43	19913	5.345	ug/l #	97
38) Carbon Tetrachloride	5.666	117	20376	5.390	ug/l	96
39) Methylcyclohexane	7.367	83	20900	5.292	ug/l	97
40) Benzene	6.019	78	55996	5.299	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Sep 22 01:48:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	9390	4.883	ug/l		95
42) 1,2-Dichloroethane	6.074	62	21117	5.252	ug/l		99
43) Isopropyl Acetate	6.324	43	31304	5.124	ug/l		99
44) Trichloroethene	7.111	130	13576	5.314	ug/l		97
45) 1,2-Dichloropropane	7.415	63	14305	5.287	ug/l		99
46) Dibromomethane	7.568	93	10133	5.146	ug/l		99
47) Bromodichloromethane	7.806	83	21270	5.235	ug/l		99
48) Methyl methacrylate	7.677	41	14959	4.915	ug/l		99
49) 1,4-Dioxane	7.653	88	3017	98.096	ug/l	#	90
51) 4-Methyl-2-Pentanone	8.555	43	87492	25.828	ug/l		100
52) Toluene	8.702	92	34314	5.271	ug/l		98
53) t-1,3-Dichloropropene	8.964	75	20863	5.034	ug/l		97
54) cis-1,3-Dichloropropene	8.354	75	23157	5.227	ug/l		98
55) 1,1,2-Trichloroethane	9.135	97	12968	5.166	ug/l		91
56) Ethyl methacrylate	9.104	69	19980	5.068	ug/l		97
57) 1,3-Dichloropropane	9.293	76	22989	5.331	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	37585	27.899	ug/l		98
59) 2-Hexanone	9.415	43	66356	27.275	ug/l		99
60) Dibromochloromethane	9.506	129	14705	5.084	ug/l		95
61) 1,2-Dibromoethane	9.592	107	13461	5.264	ug/l		98
64) Tetrachloroethene	9.256	164	11228	5.428	ug/l		97
65) Chlorobenzene	10.061	112	37507	5.203	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.147	131	12807	5.149	ug/l		99
67) Ethyl Benzene	10.177	91	65908	5.299	ug/l		100
68) m/p-Xylenes	10.287	106	49132	10.613	ug/l		99
69) o-Xylene	10.628	106	23300	5.204	ug/l		98
70) Styrene	10.640	104	40872	5.210	ug/l		99
71) Bromoform	10.781	173	9298	5.006	ug/l	#	97
73) Isopropylbenzene	10.945	105	61029	5.139	ug/l		100
74) N-amyl acetate	10.823	43	26969	4.980	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	18462	5.138	ug/l		98
76) 1,2,3-Trichloropropane	11.220	75	18494	5.847	ug/l		96
77) Bromobenzene	11.183	156	15066	5.150	ug/l		99
78) n-propylbenzene	11.287	91	72900	5.192	ug/l		100
79) 2-Chlorotoluene	11.348	91	44663	5.194	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	50535	5.179	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	5413	4.364	ug/l		91
82) 4-Chlorotoluene	11.439	91	52294	5.149	ug/l		100
83) tert-Butylbenzene	11.695	119	50350	5.041	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	51583	5.214	ug/l		100
85) sec-Butylbenzene	11.872	105	62507	5.268	ug/l		99
86) p-Isopropyltoluene	11.994	119	52674	5.244	ug/l		98
87) 1,3-Dichlorobenzene	11.951	146	28116	5.175	ug/l		100
88) 1,4-Dichlorobenzene	12.024	146	29519	5.294	ug/l		93
89) n-Butylbenzene	12.317	91	47953	5.159	ug/l		99
90) Hexachloroethane	12.518	117	8830	5.007	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	26409	5.102	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	3412	4.690	ug/l		99
93) 1,2,4-Trichlorobenzene	13.567	180	17167	5.103	ug/l		98
94) Hexachlorobutadiene	13.707	225	5894	5.158	ug/l		99
95) Naphthalene	13.756	128	49257	4.808	ug/l		99
96) 1,2,3-Trichlorobenzene	13.939	180	15400	4.921	ug/l		97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Sep 22 01:48:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

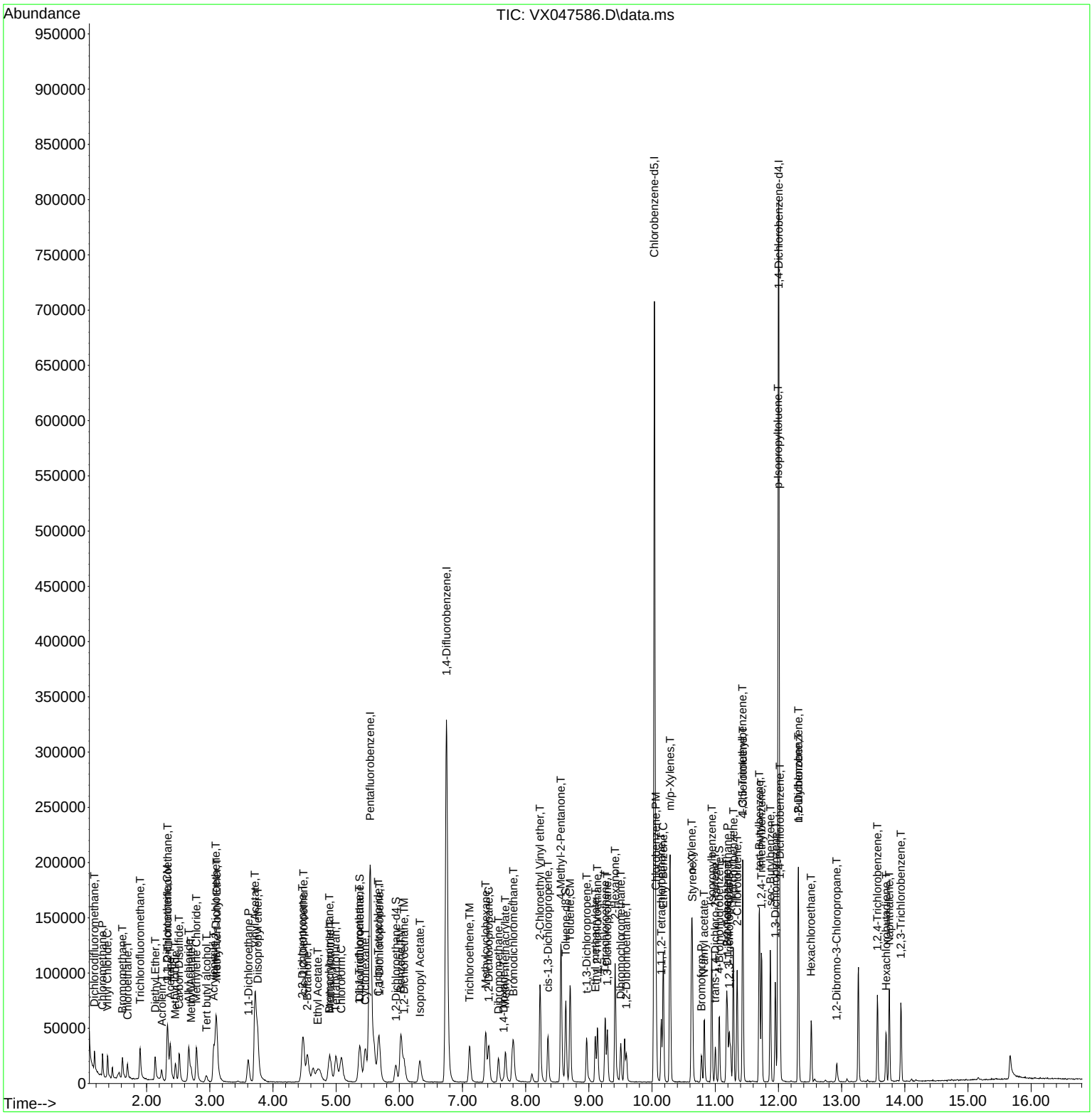
(#) = qualifier out of range (m) = manual integration (+) = signals summed

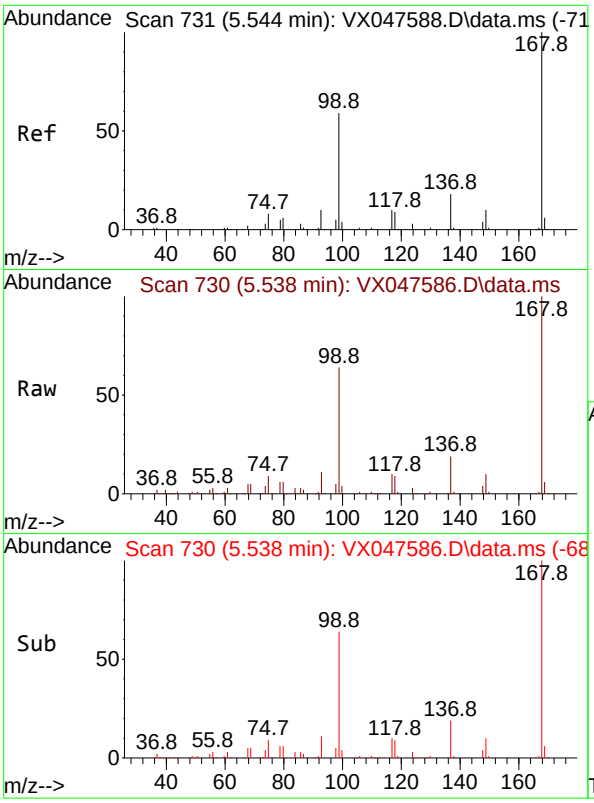
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Sep 22 01:48:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



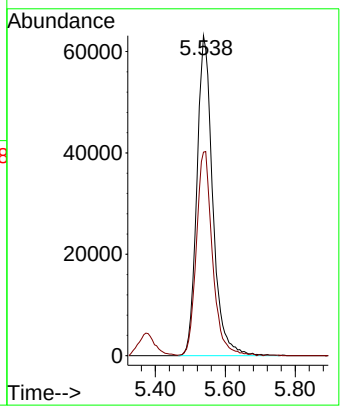


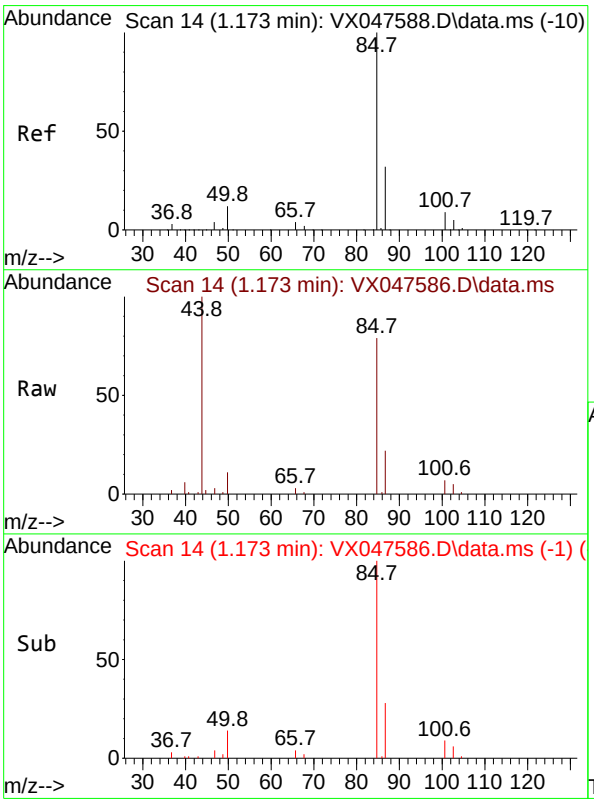
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:168 Resp: 198376

Ion	Ratio	Lower	Upper
168	100		
99	63.5	48.8	73.2

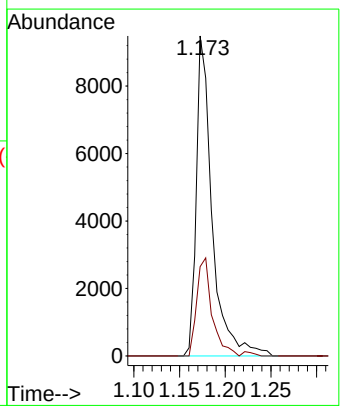


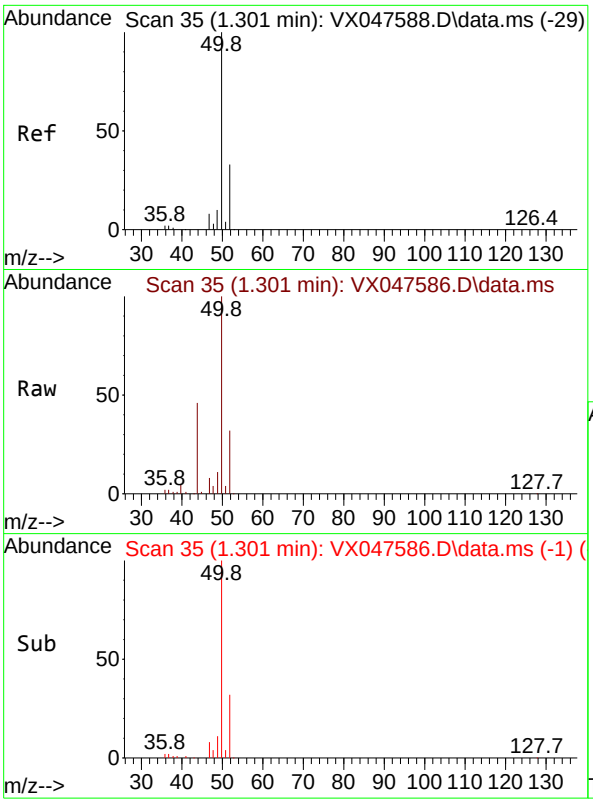


#2
Dichlorodifluoromethane
Concen: 5.551 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 85 Resp: 11403

Ion	Ratio	Lower	Upper
85	100		
87	27.9	15.8	47.3



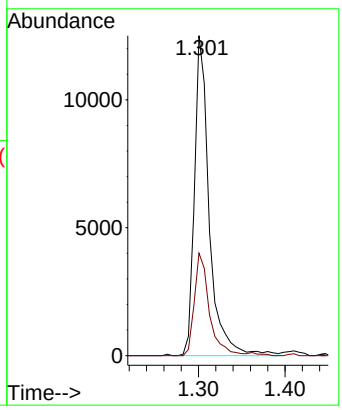


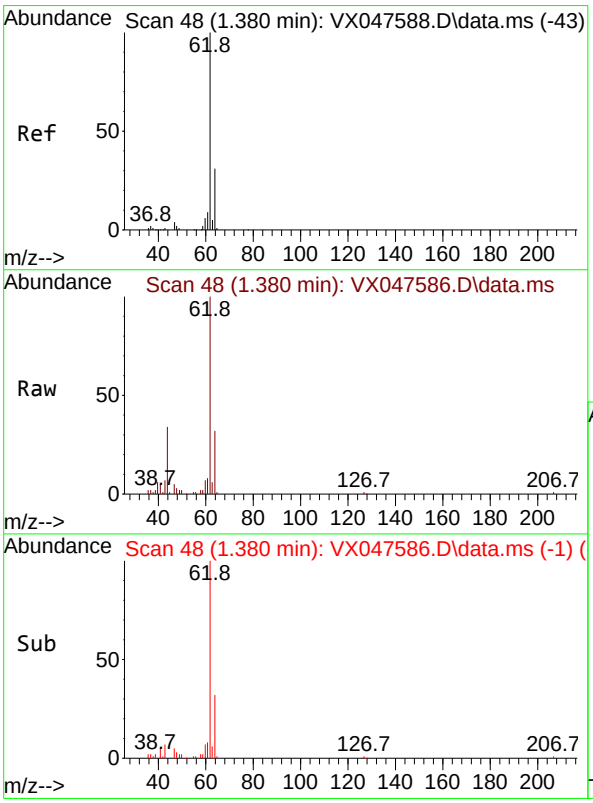
#3
Chloromethane
Concen: 5.502 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 14854

Ion	Ratio	Lower	Upper
50	100		
52	32.0	26.1	39.1

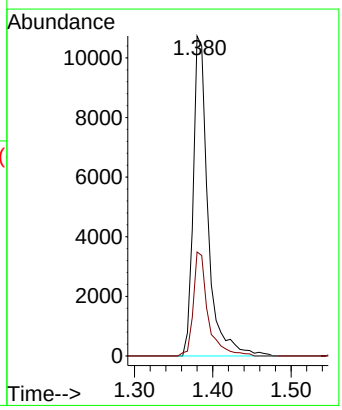


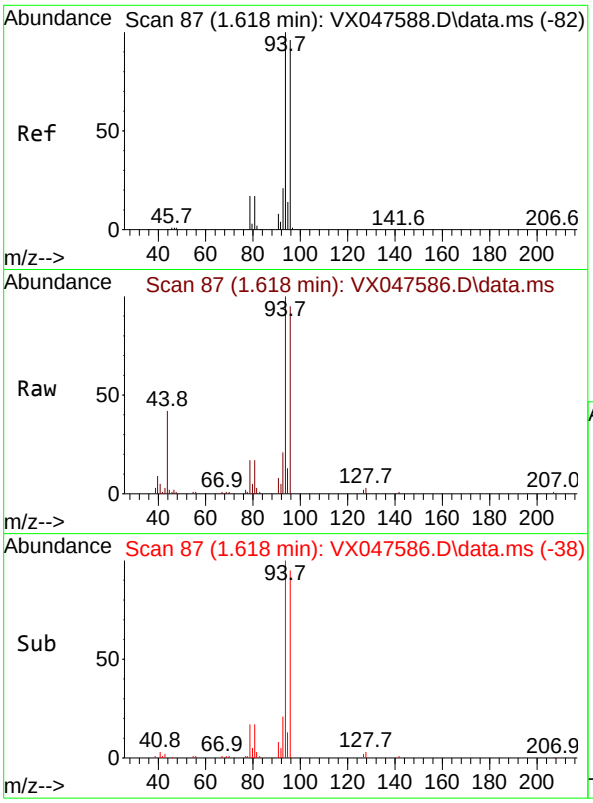


#4
Vinyl Chloride
Concen: 5.353 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 62 Resp: 14147

Ion	Ratio	Lower	Upper
62	100		
64	32.5	24.9	37.3



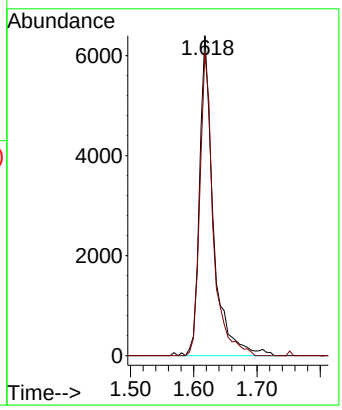


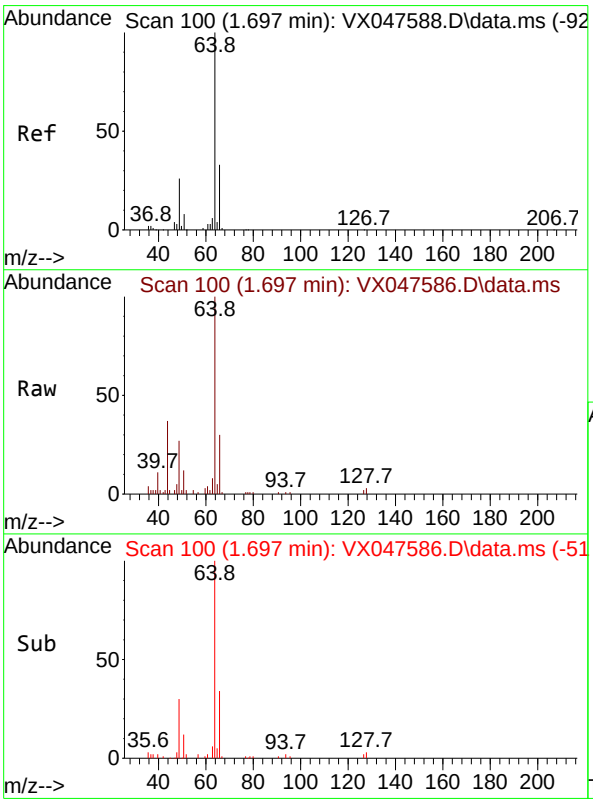
#5
Bromomethane
Concen: 5.836 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 9780

Ion	Ratio	Lower	Upper
94	100		
96	83.6	76.6	115.0

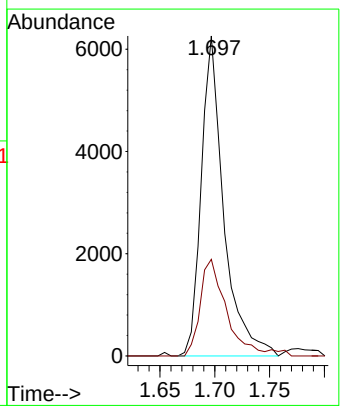


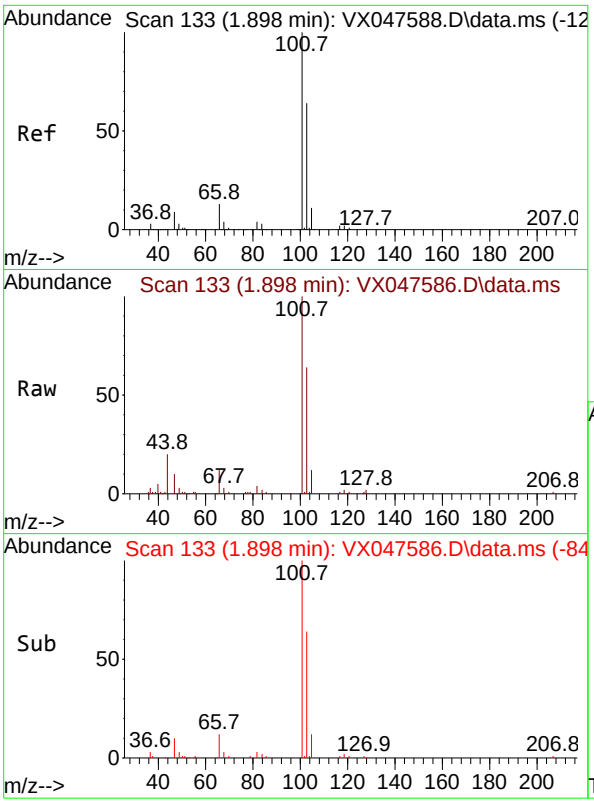


#6
Chloroethane
Concen: 5.053 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 64 Resp: 8926

Ion	Ratio	Lower	Upper
64	100		
66	30.2	26.1	39.1



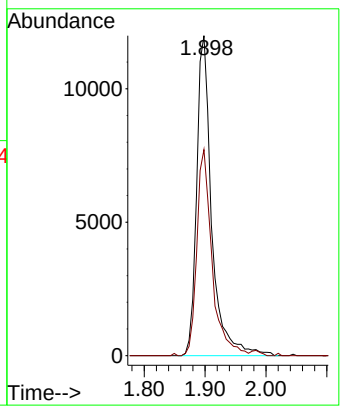


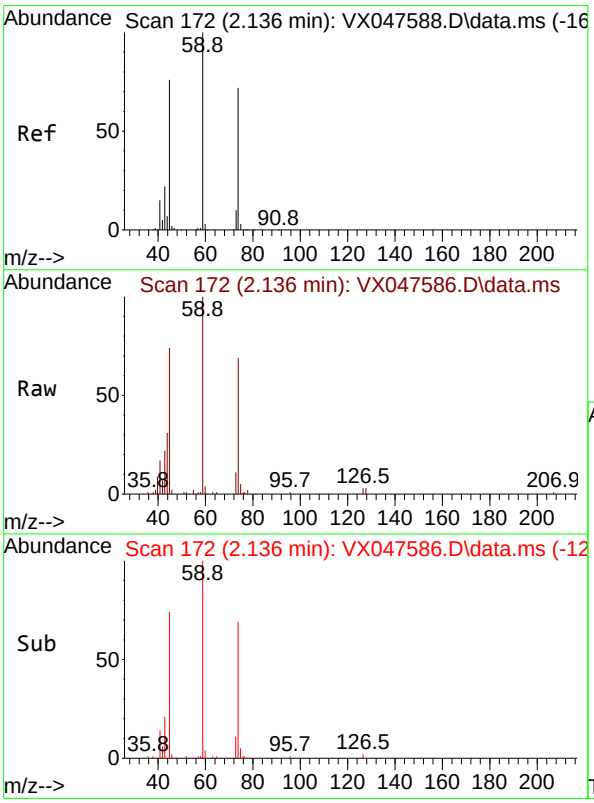
#7
Trichlorofluoromethane
Concen: 5.223 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 20497

Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.4	77.2

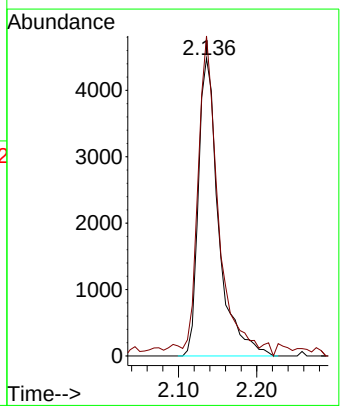


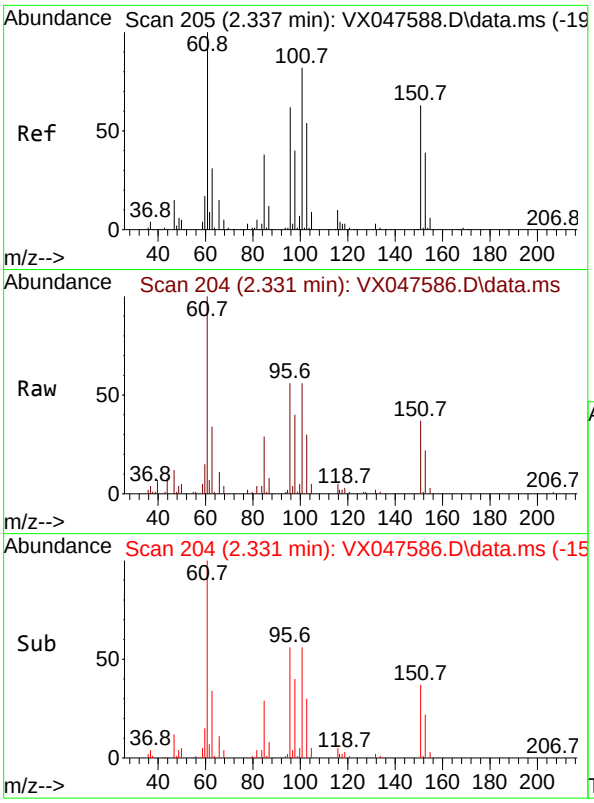


#8
Diethyl Ether
Concen: 5.008 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 74 Resp: 8039

Ion	Ratio	Lower	Upper
74	100		
45	111.7	52.3	156.8



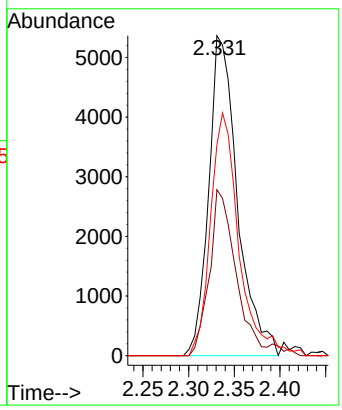


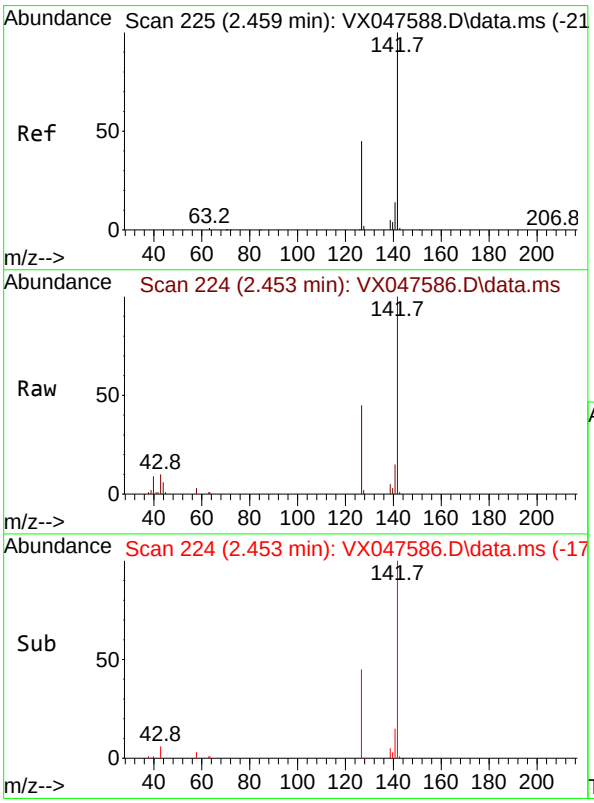
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.112 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 11729

Ion	Ratio	Lower	Upper
101	100		
85	47.5	35.5	53.3
151	75.0	59.4	89.0

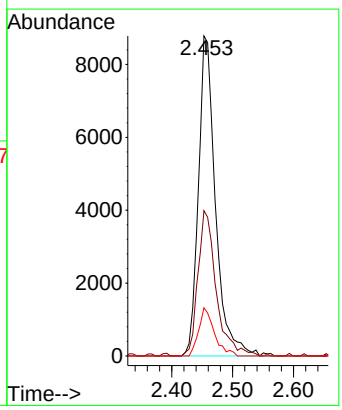


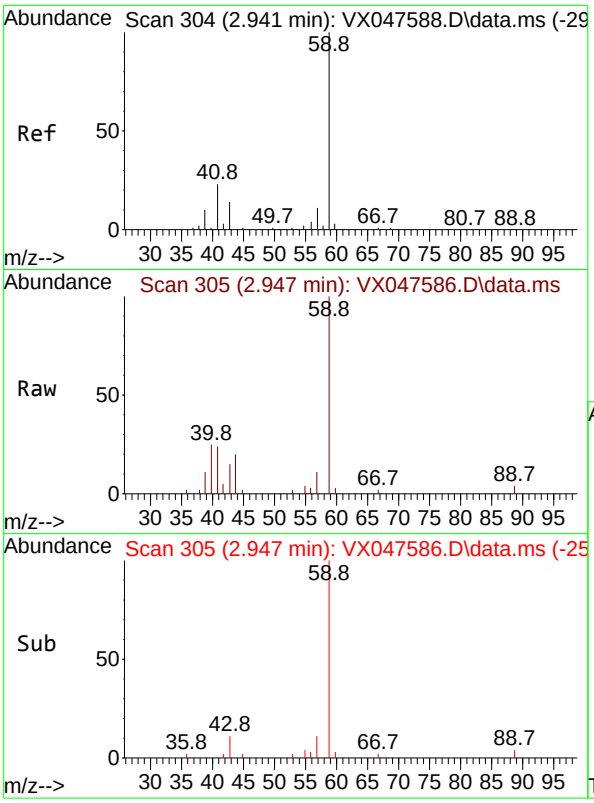


#10
Methyl Iodide
Concen: 4.795 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:142 Resp: 17159

Ion	Ratio	Lower	Upper
142	100		
127	48.4	37.2	55.8
141	13.8	11.4	17.0



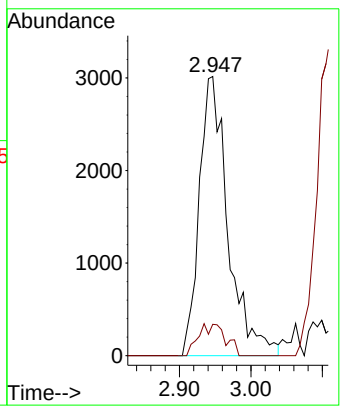


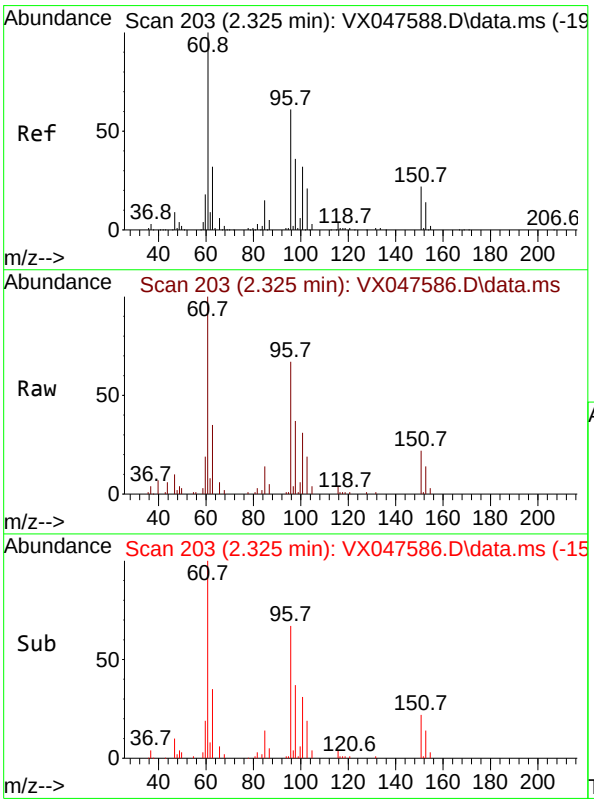
#11
Tert butyl alcohol
Concen: 23.883 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 8399

Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.3	12.5

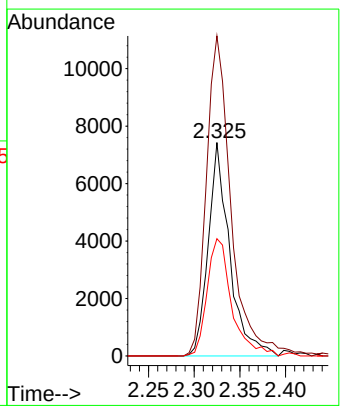


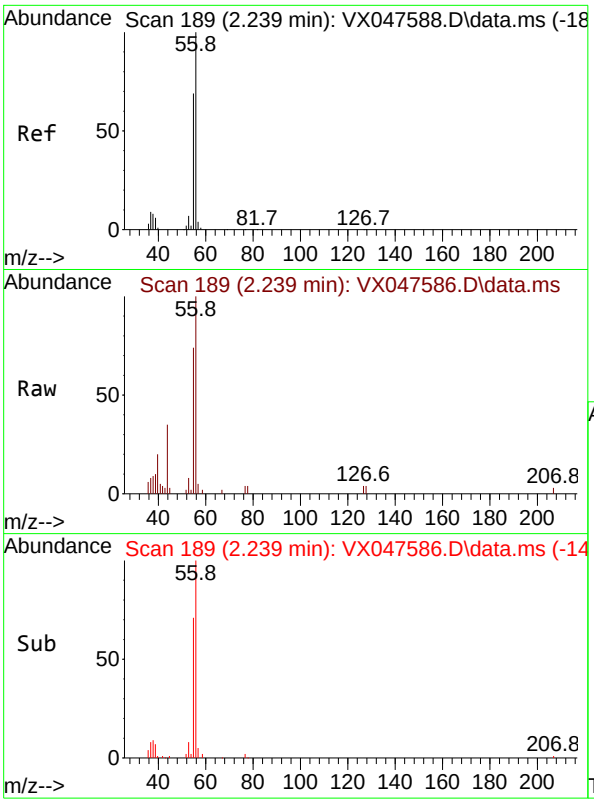


#12
1,1-Dichloroethene
Concen: 5.147 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 96 Resp: 12131

Ion	Ratio	Lower	Upper
96	100		
61	149.9	131.0	196.6
98	54.9	47.7	71.5



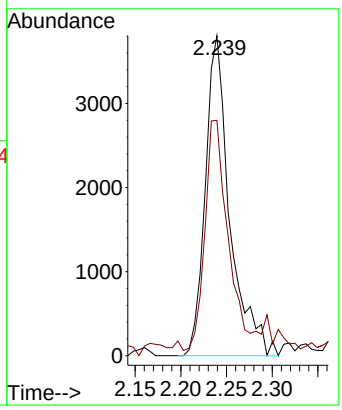


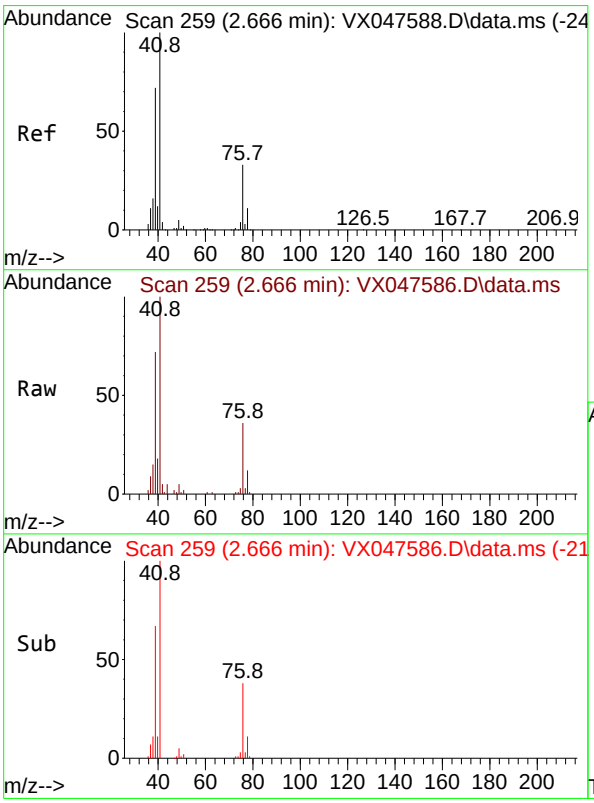
#13
Acrolein
Concen: 21.847 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 7080

Ion	Ratio	Lower	Upper
56	100		
55	67.1	57.2	85.8

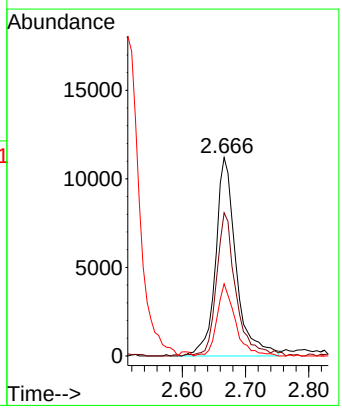


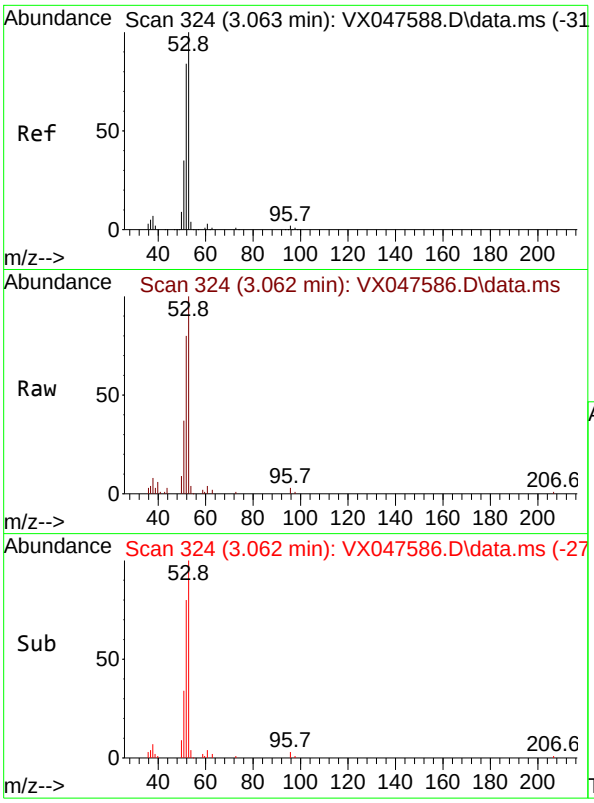


#14
Allyl chloride
Concen: 5.168 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 41 Resp: 25135

Ion	Ratio	Lower	Upper
41	100		
39	69.1	54.7	82.1
76	32.4	25.7	38.5



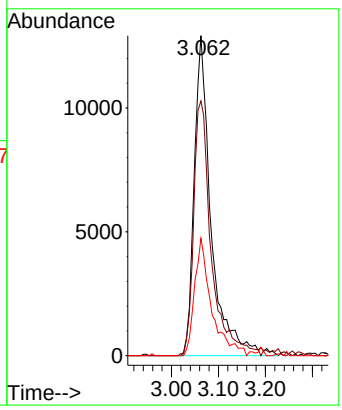


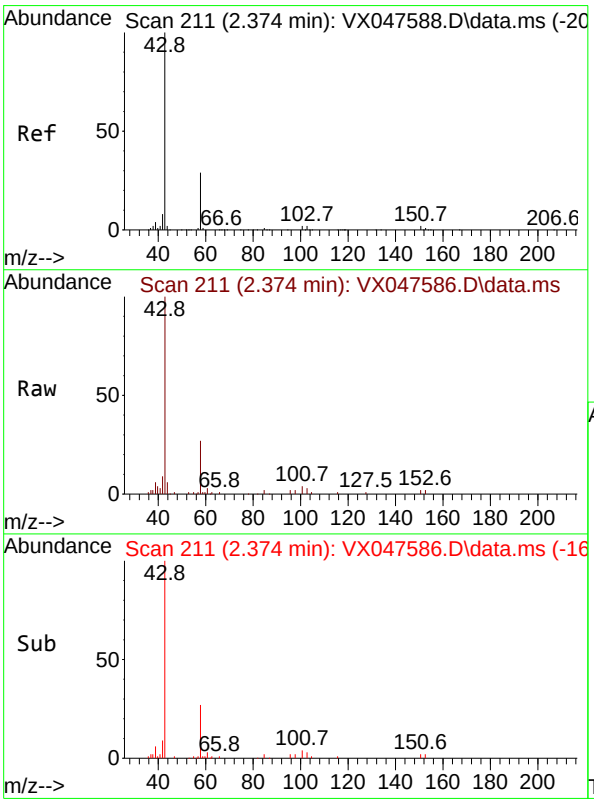
#15
Acrylonitrile
Concen: 25.016 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 53 Resp: 32587

Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.4	99.6
51	36.5	29.5	44.3

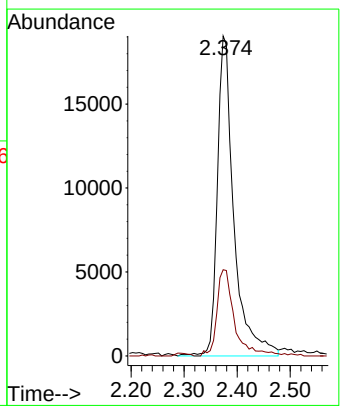


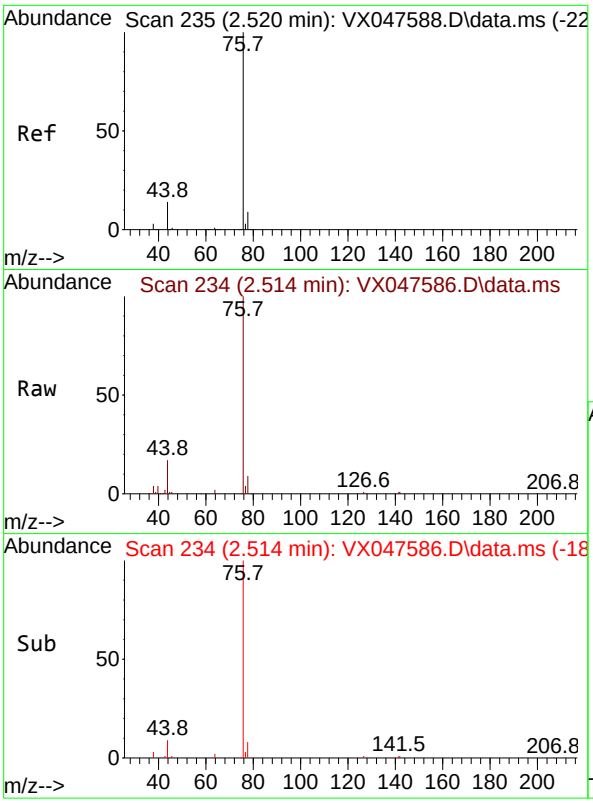


#16
Acetone
Concen: 30.079 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 41297

Ion	Ratio	Lower	Upper
43	100		
58	27.6	23.4	35.0



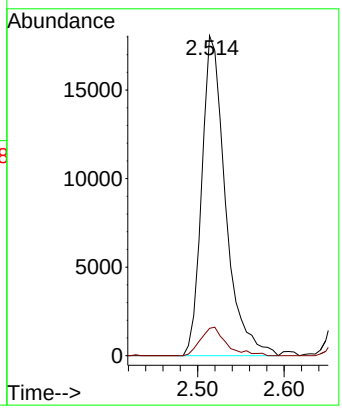


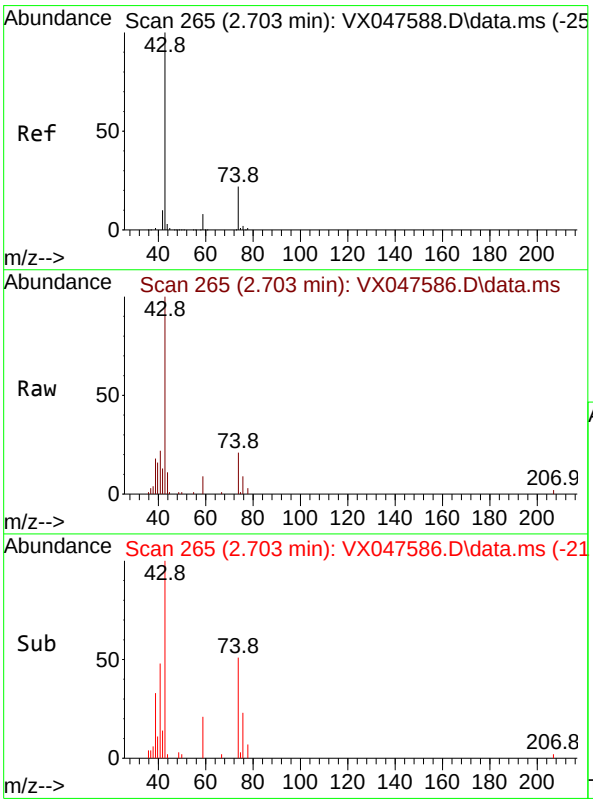
#17
Carbon Disulfide
Concen: 5.335 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 34426

Ion	Ratio	Lower	Upper
76	100		
78	8.6	6.8	10.2

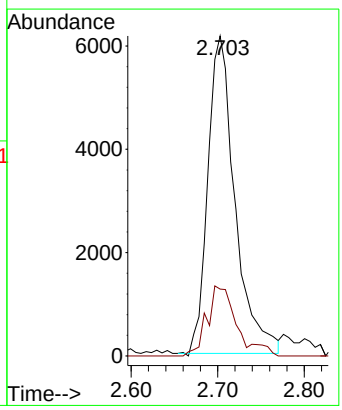


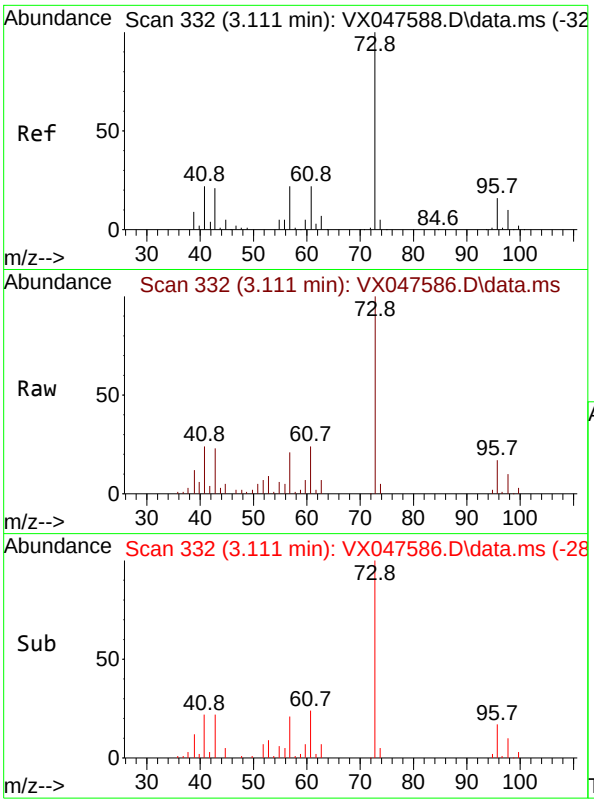


#18
Methyl Acetate
Concen: 4.371 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 13357

Ion	Ratio	Lower	Upper
43	100		
74	22.9	17.4	26.2



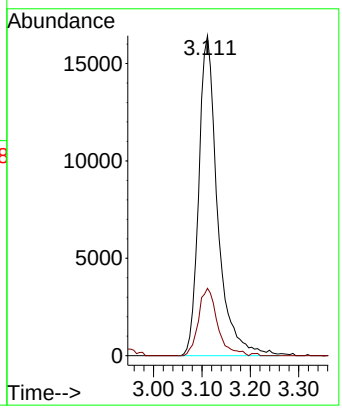


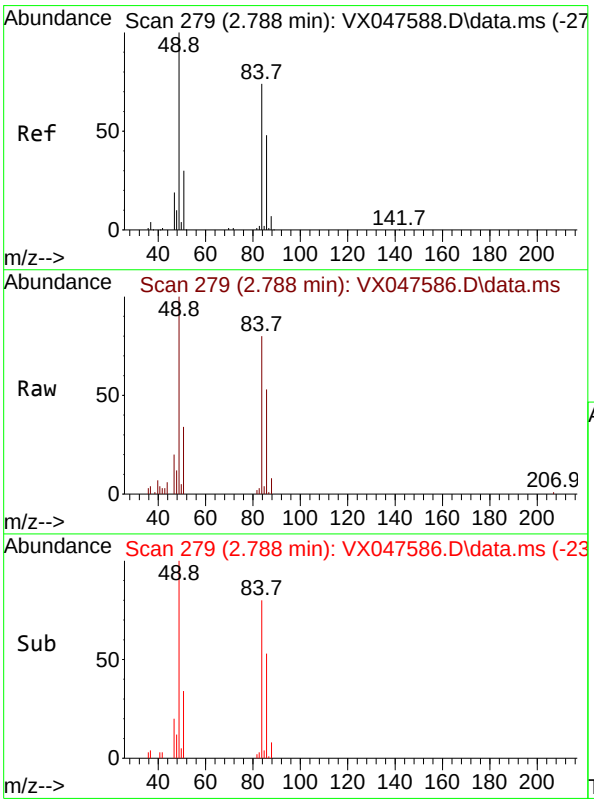
#19
Methyl tert-butyl Ether
Concen: 5.160 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 44396

Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.4	26.2

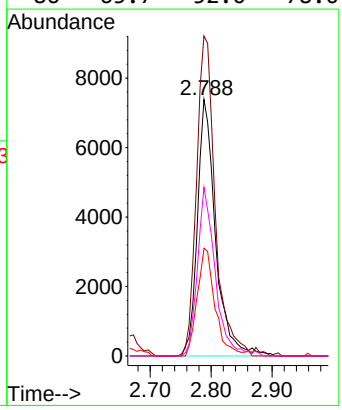


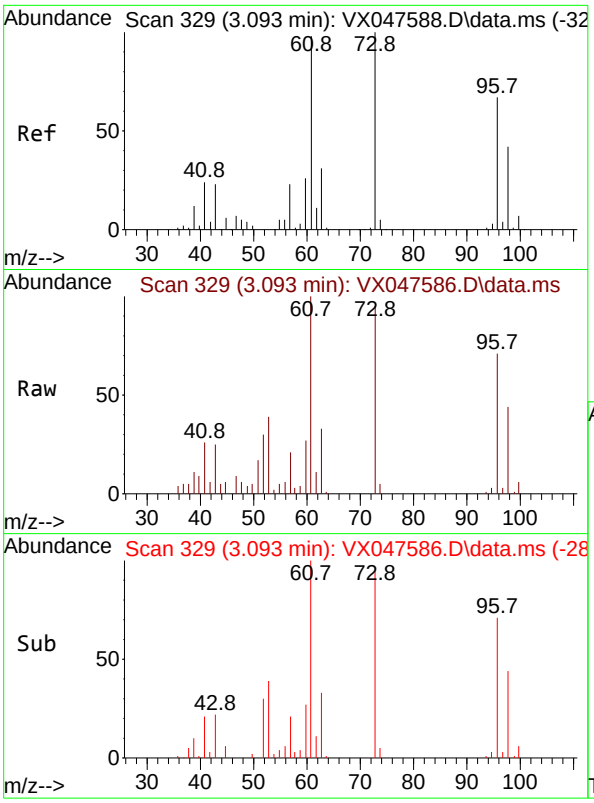


#20
Methylene Chloride
Concen: 5.267 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 84 Resp: 15307

Ion	Ratio	Lower	Upper
84	100		
49	124.7	108.6	162.8
51	42.0	32.6	48.8
86	65.7	52.0	78.0



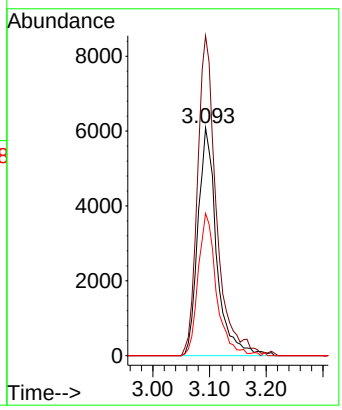


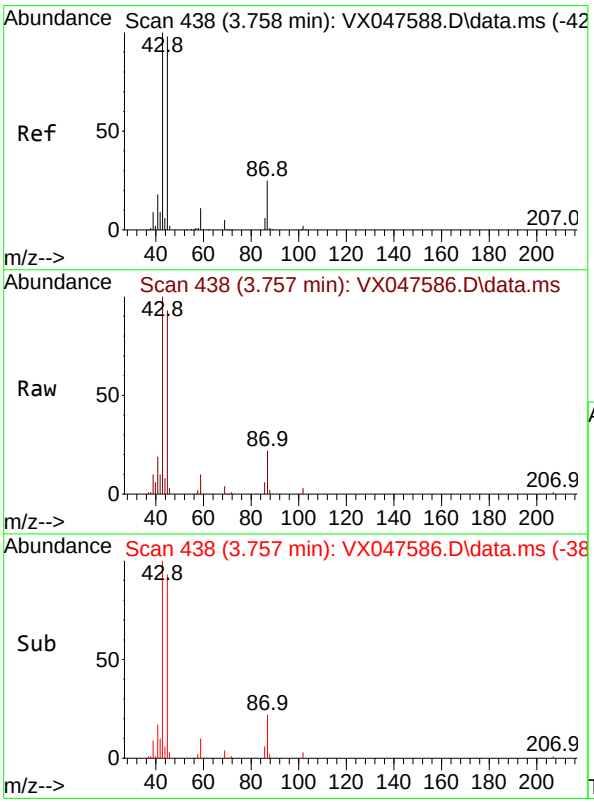
#21
trans-1,2-Dichloroethene
Concen: 5.492 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 13937

Ion	Ratio	Lower	Upper
96	100		
61	140.4	116.2	174.2
98	62.4	49.3	73.9

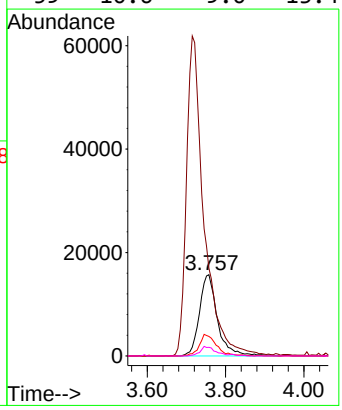


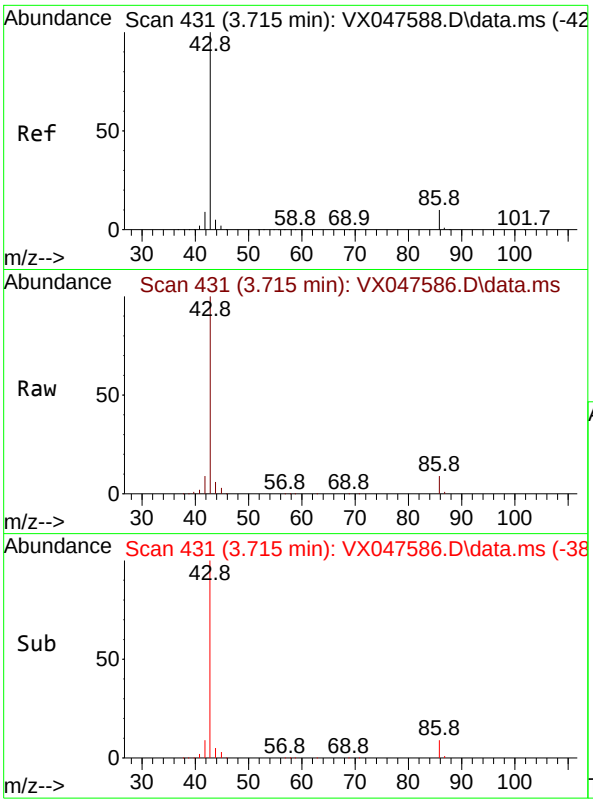


#22
Diisopropyl ether
Concen: 5.327 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 45 Resp: 50213

Ion	Ratio	Lower	Upper
45	100		
43	102.8	81.0	121.4
87	23.3	20.3	30.5
59	10.6	9.0	13.4



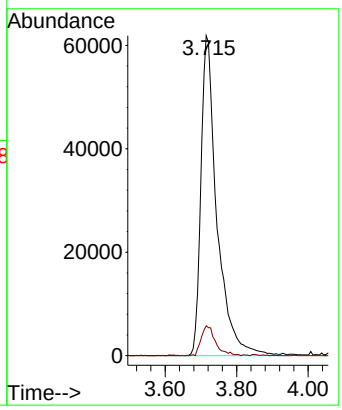


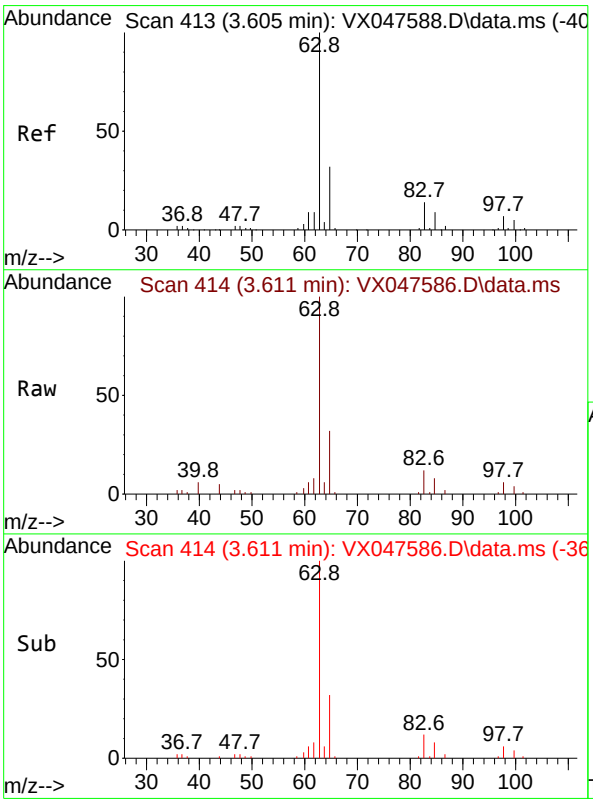
#23
Vinyl Acetate
Concen: 25.474 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 192175

Ion	Ratio	Lower	Upper
43	100		
86	9.4	7.8	11.8

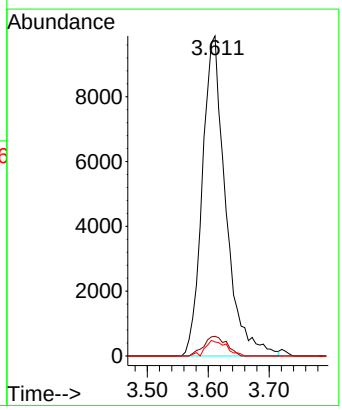


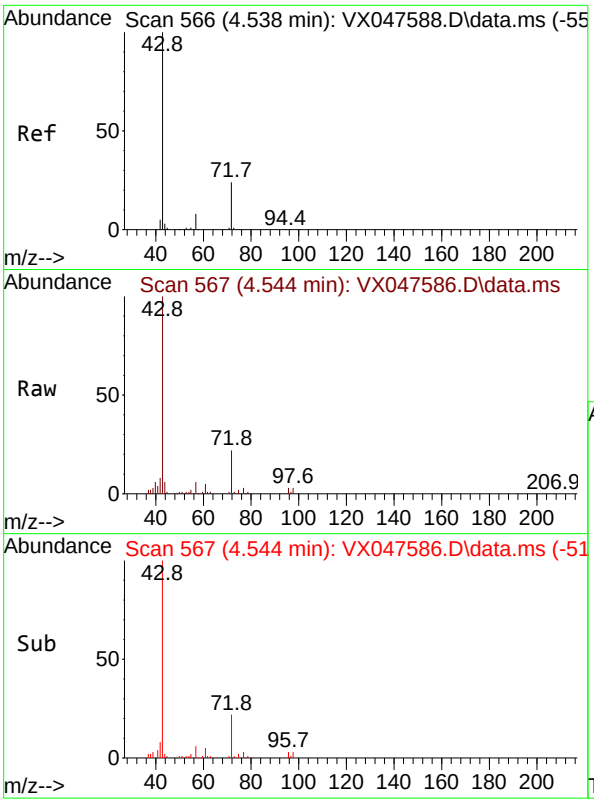


#24
1,1-Dichloroethane
Concen: 5.248 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 63 Resp: 26292

Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.8	11.2
100	4.4	2.3	6.9



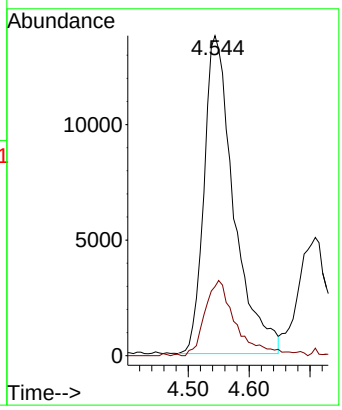


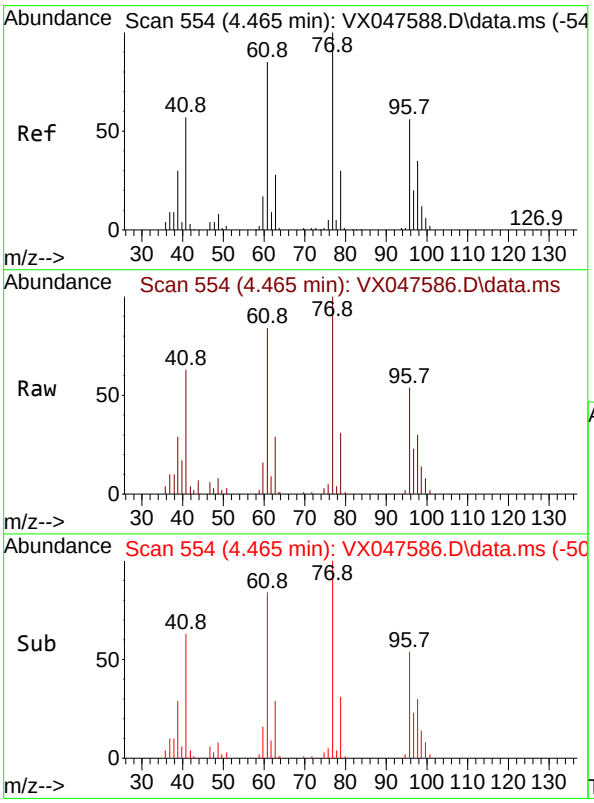
#25
2-Butanone
Concen: 27.240 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 46651

Ion	Ratio	Lower	Upper
43	100		
72	21.3	20.1	30.1

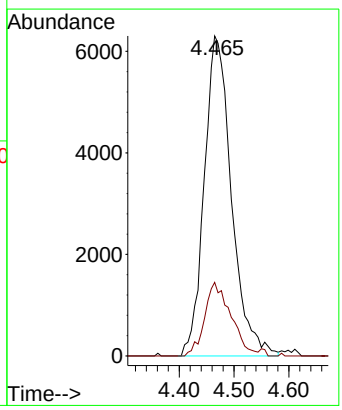


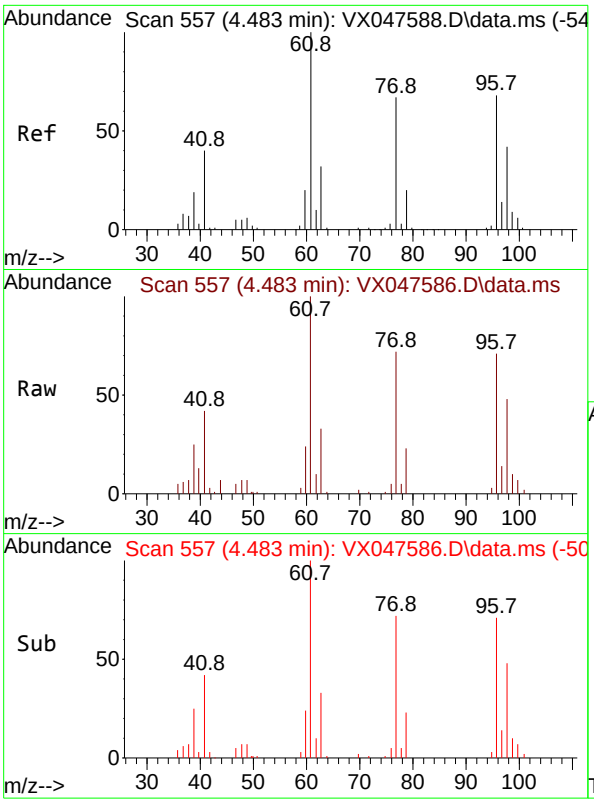


#26
2,2-Dichloropropane
Concen: 5.220 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 77 Resp: 21738

Ion	Ratio	Lower	Upper
77	100		
97	22.2	10.9	32.7



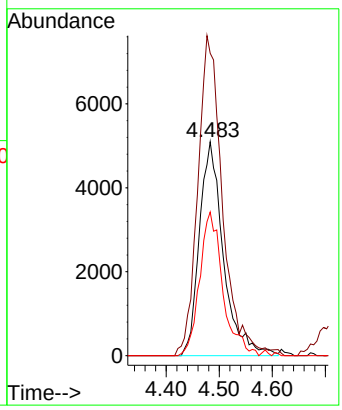


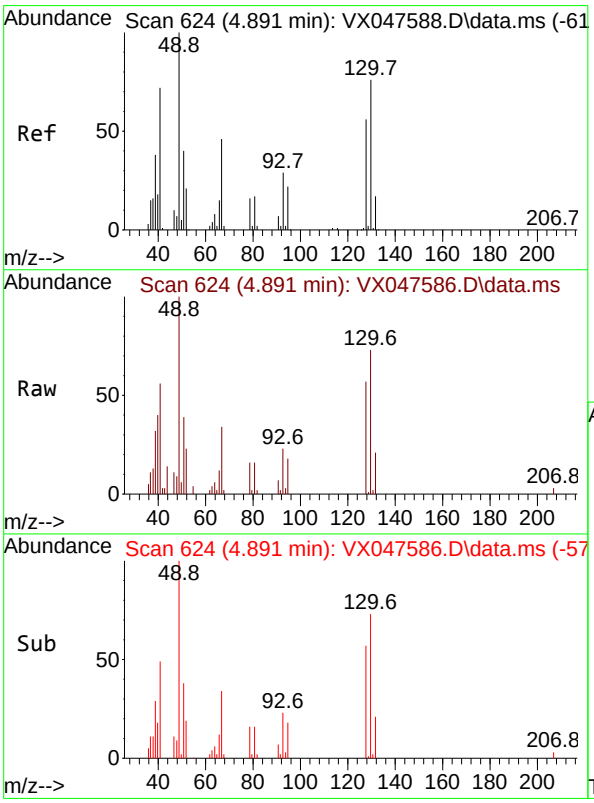
#27
cis-1,2-Dichloroethene
Concen: 5.147 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 15996

Ion	Ratio	Lower	Upper
96	100		
61	154.4	0.0	303.2
98	64.8	0.0	127.8

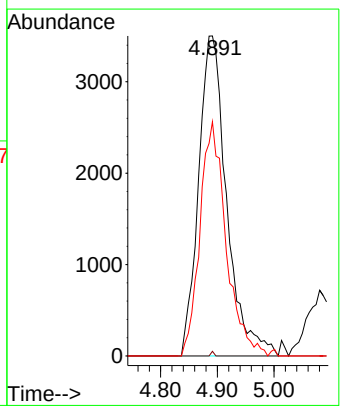


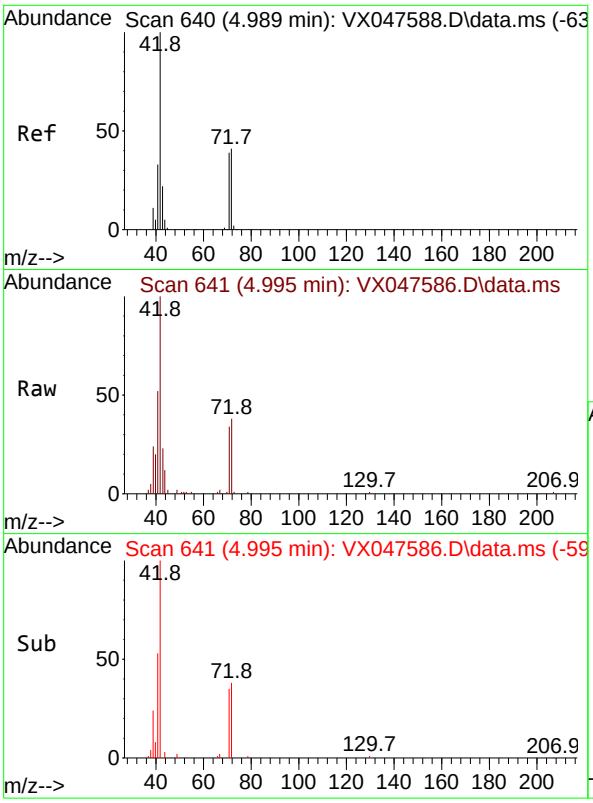


#28
Bromochloromethane
Concen: 5.508 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 49 Resp: 12047

Ion	Ratio	Lower	Upper
49	100		
129	0.2	0.0	3.2
130	68.0	57.8	86.8



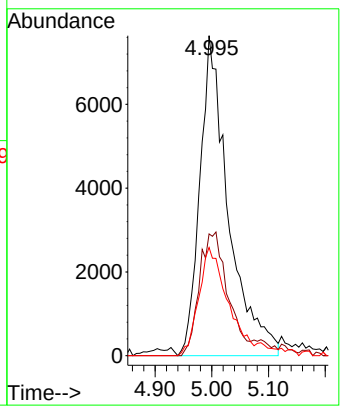


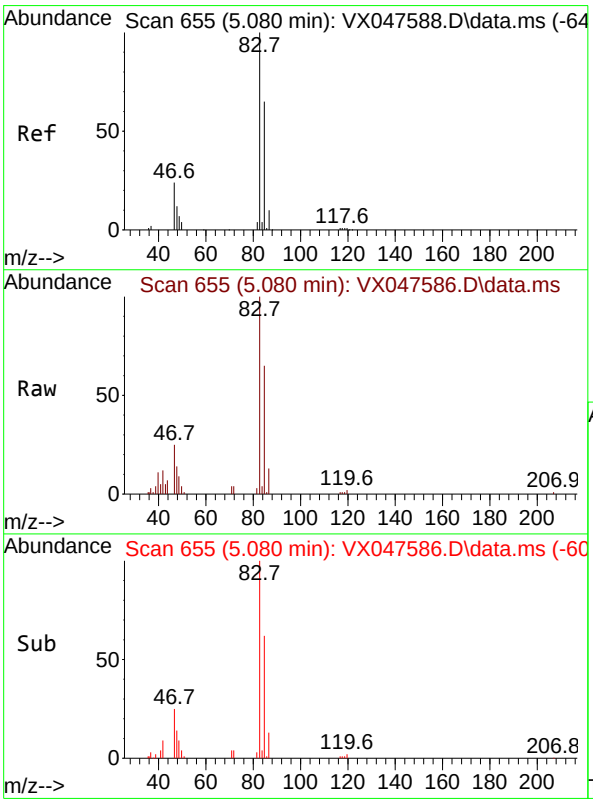
#29
Tetrahydrofuran
Concen: 25.944 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 42 Resp: 26729

Ion	Ratio	Lower	Upper
42	100		
72	38.7	34.2	51.2
71	34.1	31.9	47.9

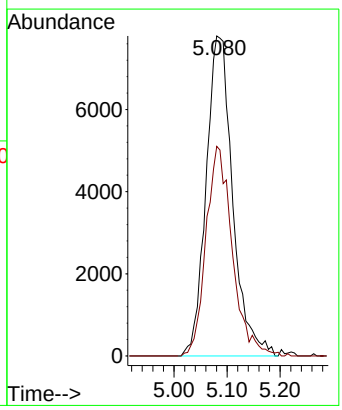


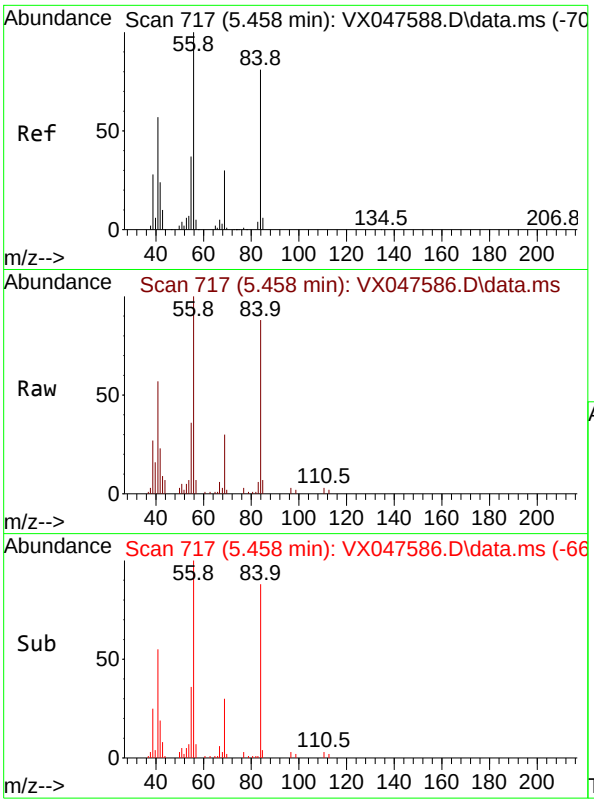


#30
Chloroform
Concen: 5.344 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 83 Resp: 27054

Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.8	77.6



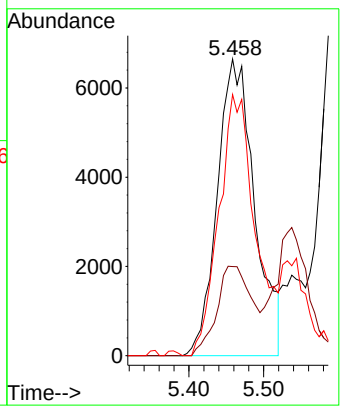


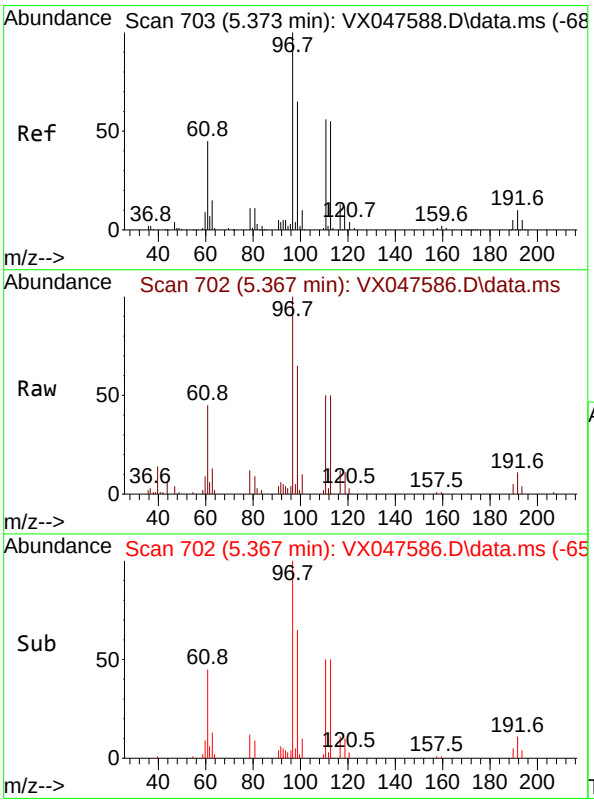
#31
Cyclohexane
Concen: 5.520 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 23032

Ion	Ratio	Lower	Upper
56	100		
69	32.2	23.8	35.8
84	87.1	64.6	97.0

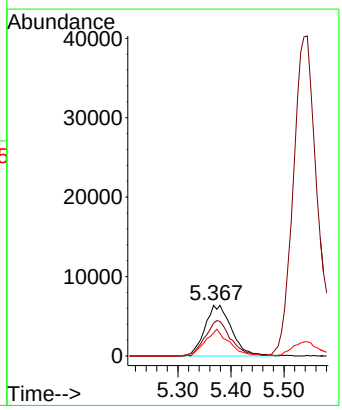


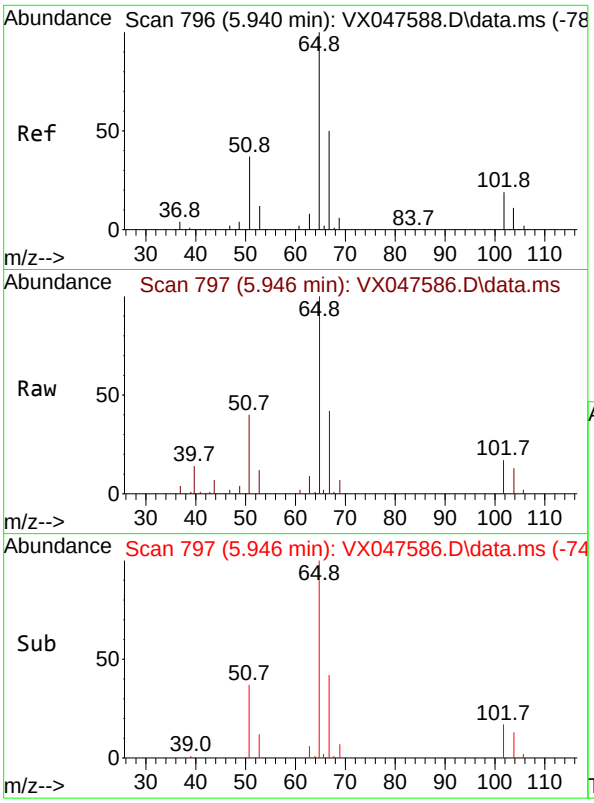


#32
1,1,1-Trichloroethane
Concen: 5.188 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 97 Resp: 22279

Ion	Ratio	Lower	Upper
97	100		
99	66.4	50.6	76.0
61	47.4	35.8	53.8



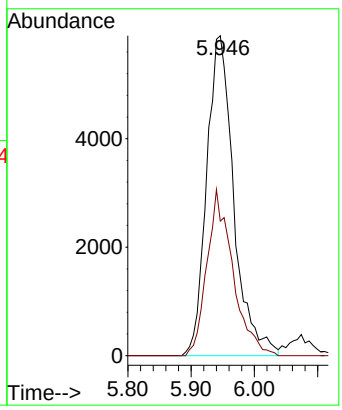


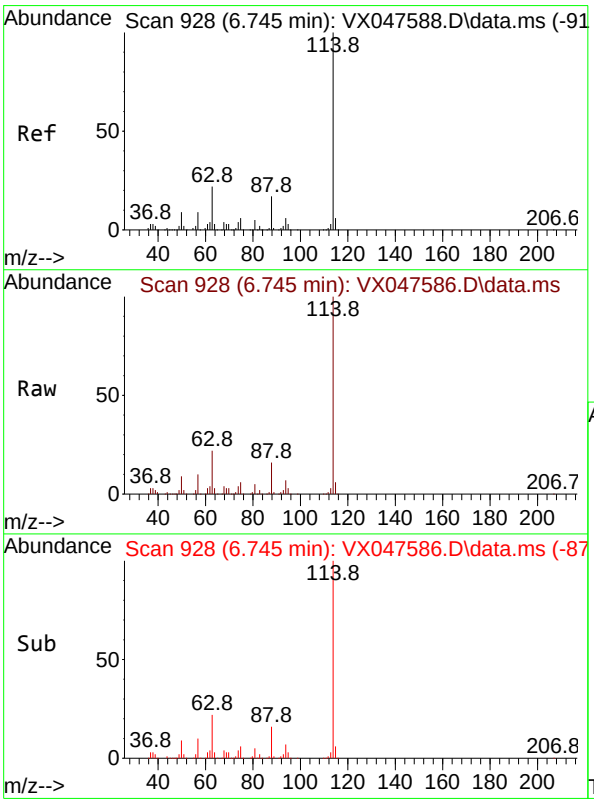
#33
1,2-Dichloroethane-d4
Concen: 5.554 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 65 Resp: 17538

Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	103.0

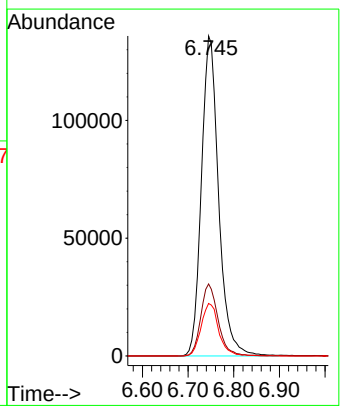


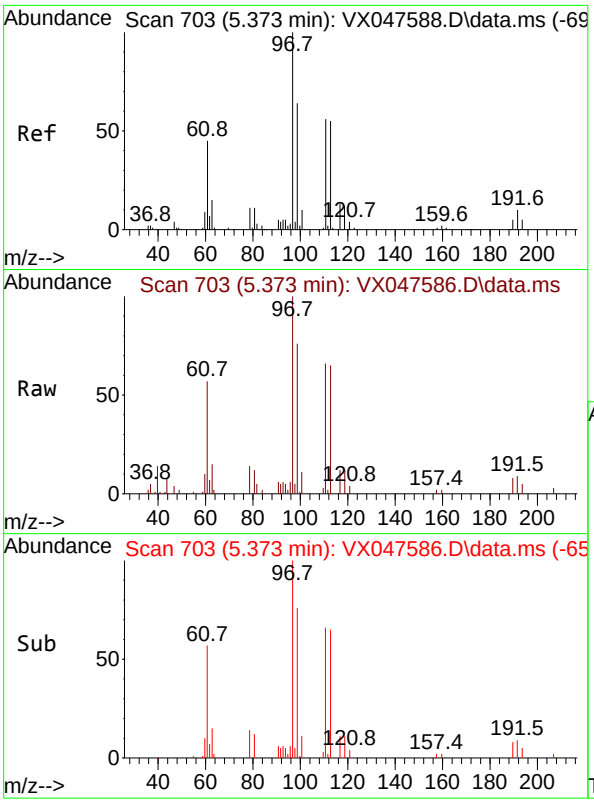


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:114 Resp: 355026

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	44.0
88	16.4	0.0	34.2



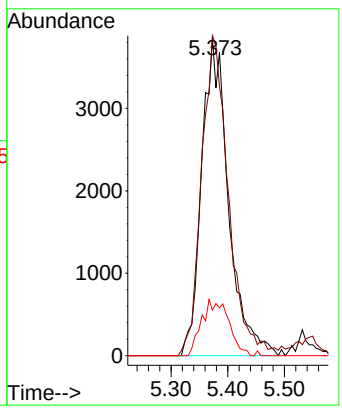


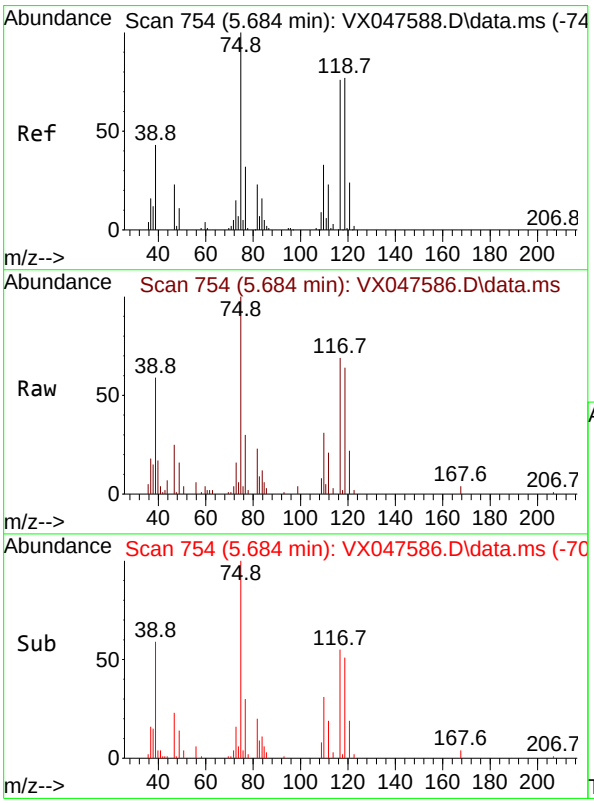
#35
Dibromofluoromethane
Concen: 5.312 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:113 Resp: 12647

Ion	Ratio	Lower	Upper
113	100		
111	100.5	80.9	121.3
192	17.8	14.2	21.4

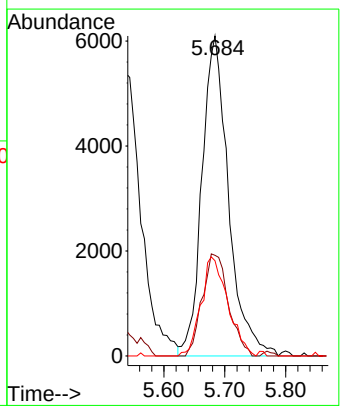


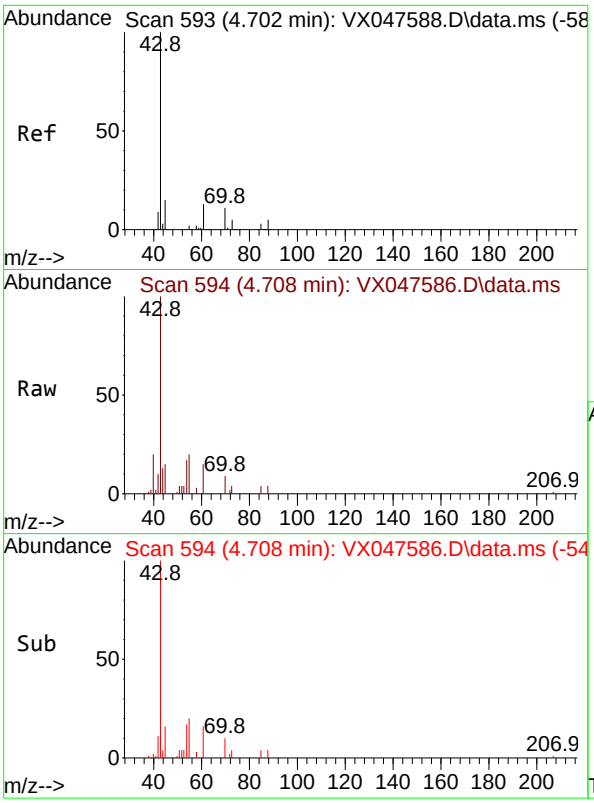


#36
1,1-Dichloropropene
Concen: 5.304 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 75 Resp: 18455

Ion	Ratio	Lower	Upper
75	100		
110	31.4	16.7	50.1
77	31.0	24.3	36.5



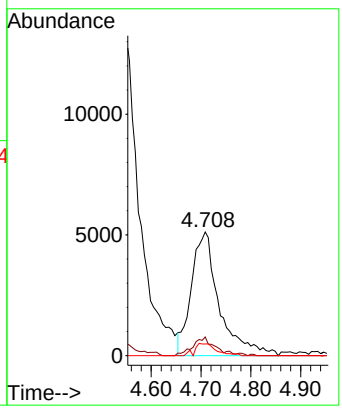


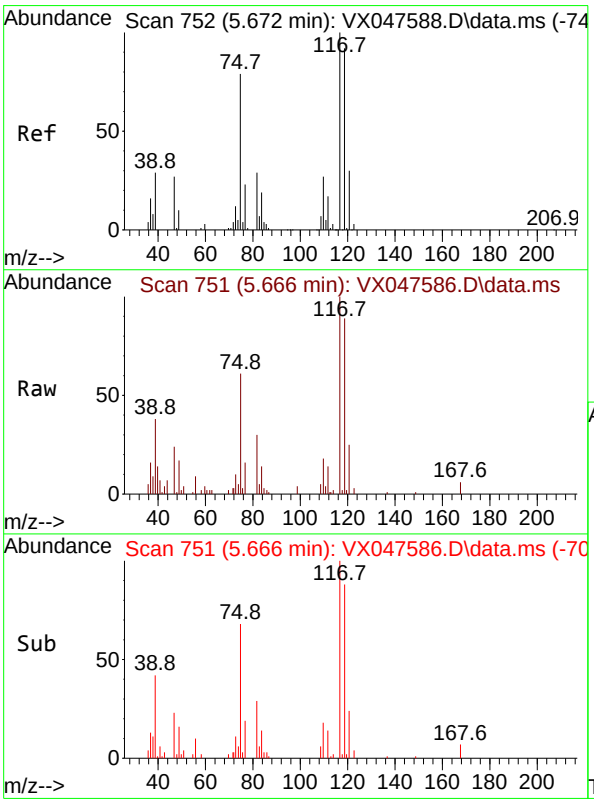
#37
Ethyl Acetate
Concen: 5.345 ug/l
RT: 4.708 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 19913

Ion	Ratio	Lower	Upper
43	100		
61	11.9	9.8	14.8
70	7.6	7.9	11.9#

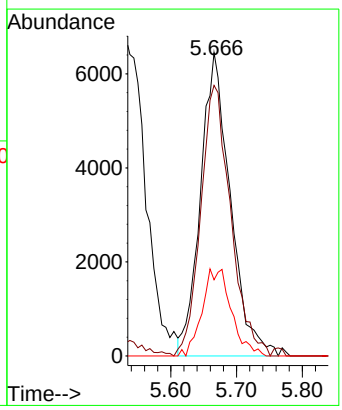


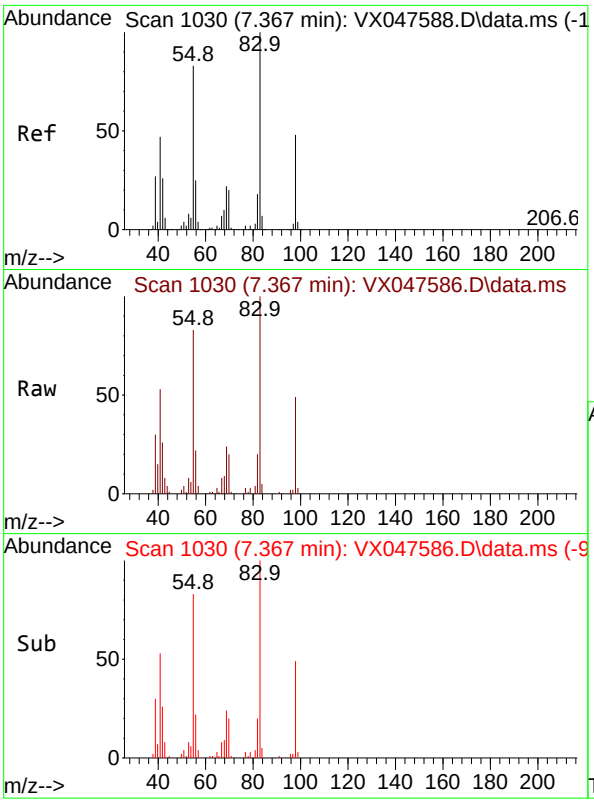


#38
Carbon Tetrachloride
Concen: 5.390 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:117 Resp: 20376

Ion	Ratio	Lower	Upper
117	100		
119	88.9	73.4	110.2
121	25.1	23.8	35.6



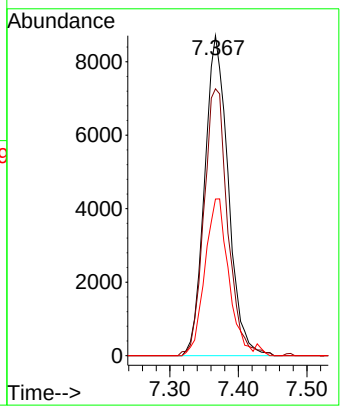


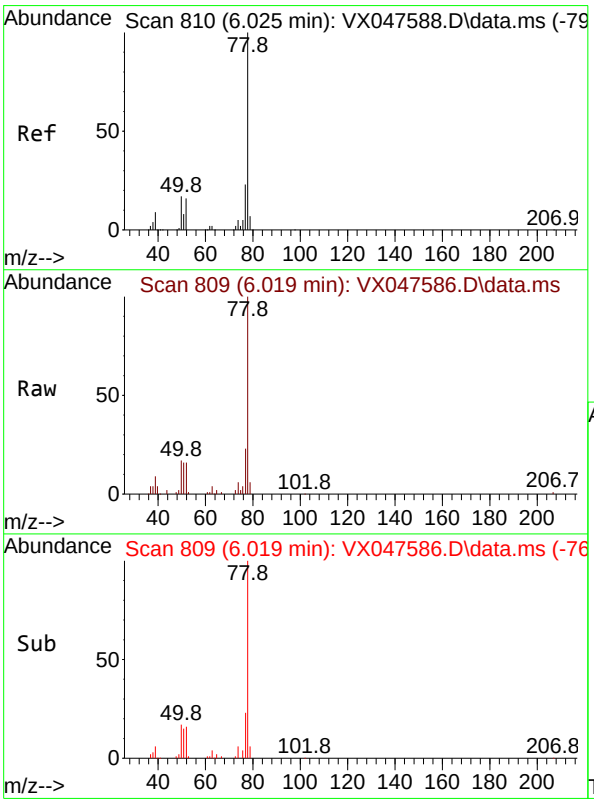
#39
Methylcyclohexane
Concen: 5.292 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 20900

Ion	Ratio	Lower	Upper
83	100		
55	79.1	66.4	99.6
98	46.4	38.1	57.1

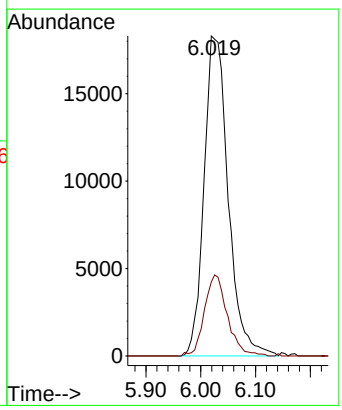


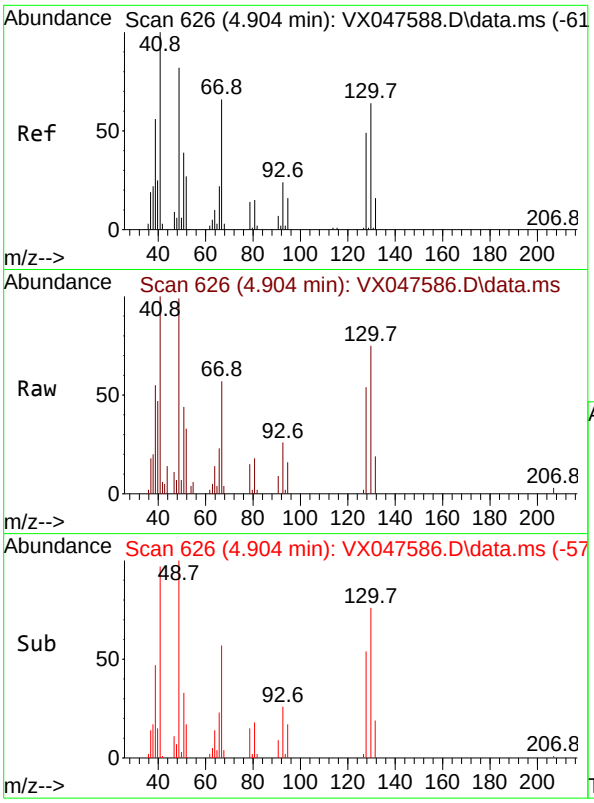


#40
Benzene
Concen: 5.299 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 78 Resp: 55996

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.8	28.2



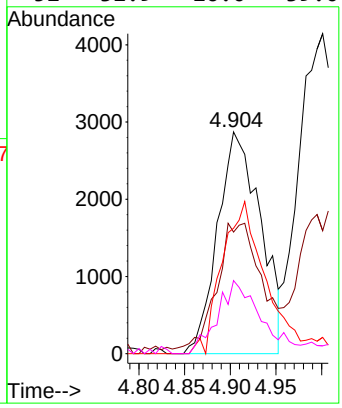


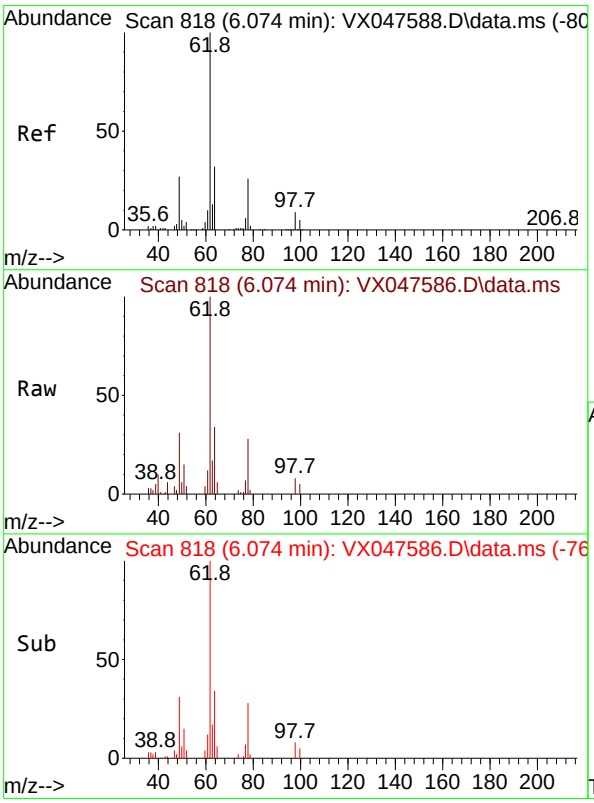
#41
Methacrylonitrile
Concen: 4.883 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 41 Resp: 9390

Ion	Ratio	Lower	Upper
41	100		
39	58.3	43.3	64.9
67	68.7	58.6	87.8
52	32.9	26.0	39.0

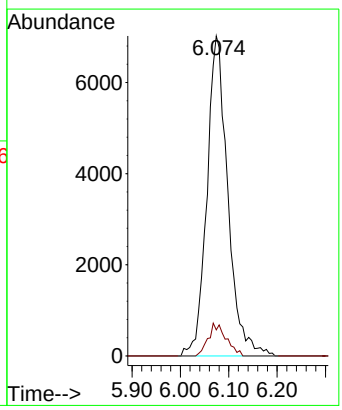


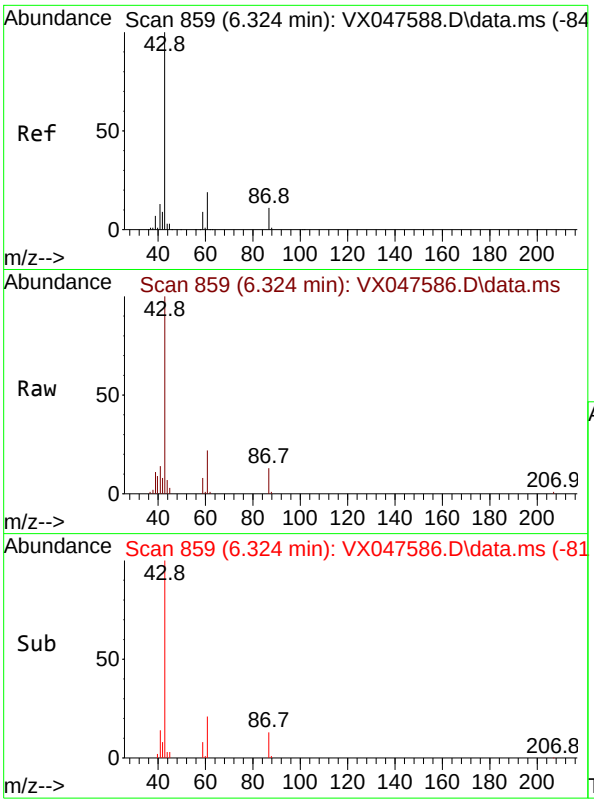


#42
1,2-Dichloroethane
Concen: 5.252 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 62 Resp: 21117

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0



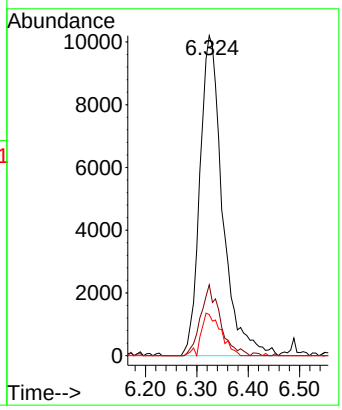


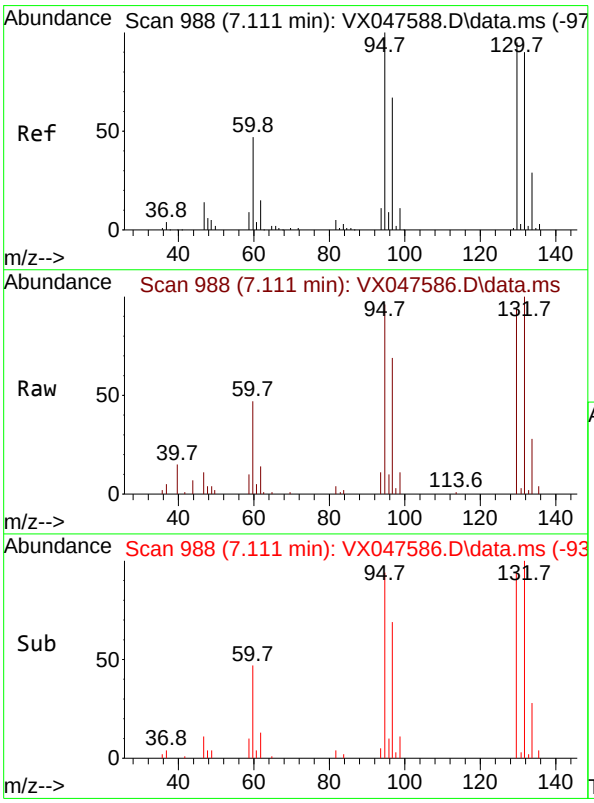
#43
Isopropyl Acetate
Concen: 5.124 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 31304

Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.2	22.8
87	11.6	9.6	14.4

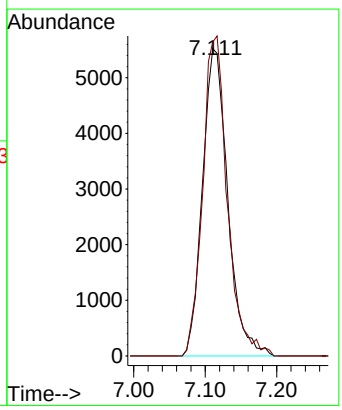


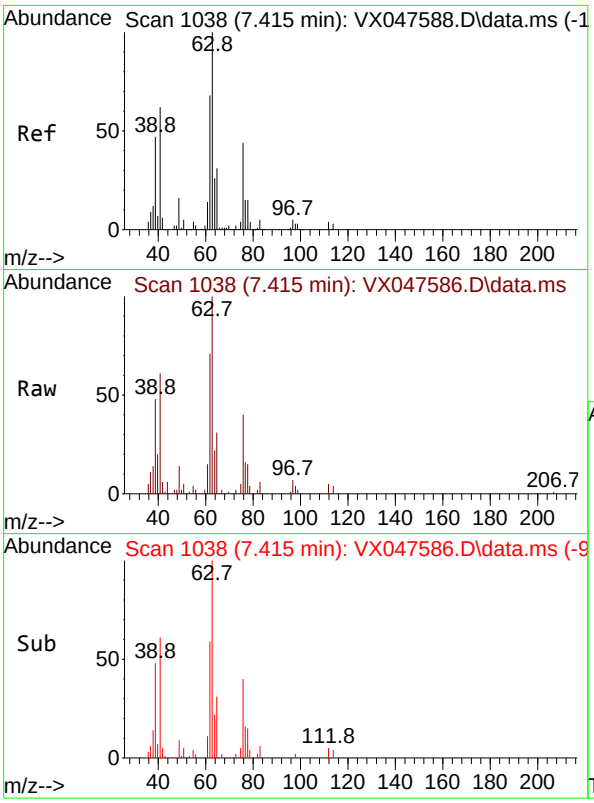


#44
Trichloroethene
Concen: 5.314 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:130 Resp: 13576

Ion	Ratio	Lower	Upper
130	100		
95	102.1	0.0	210.8



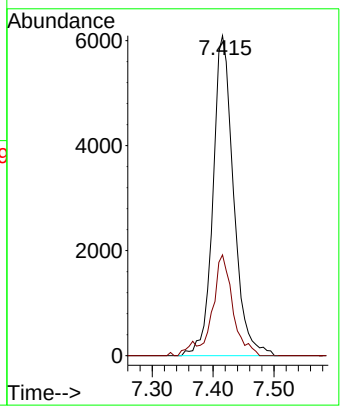


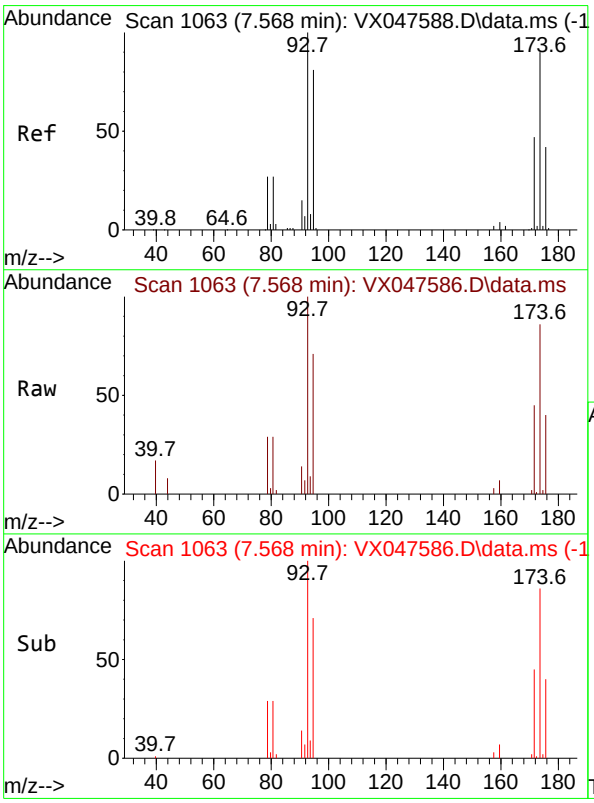
#45
1,2-Dichloropropane
Concen: 5.287 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 14305

Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.7	37.1

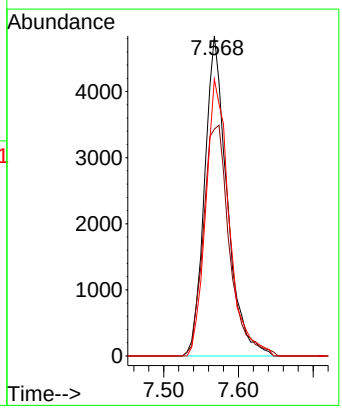


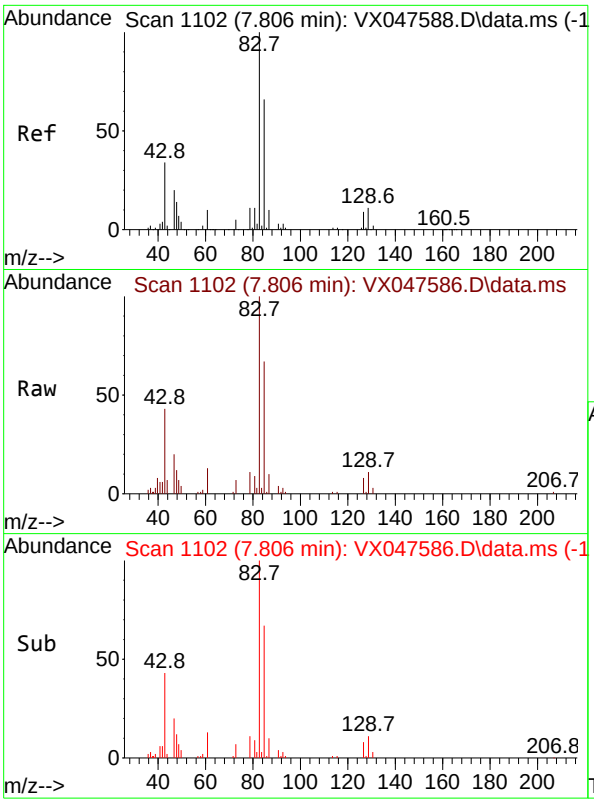


#46
Dibromomethane
Concen: 5.146 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 93 Resp: 10133

Ion	Ratio	Lower	Upper
93	100		
95	83.5	65.0	97.6
174	90.0	71.6	107.4



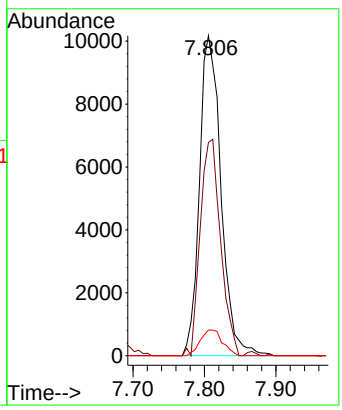


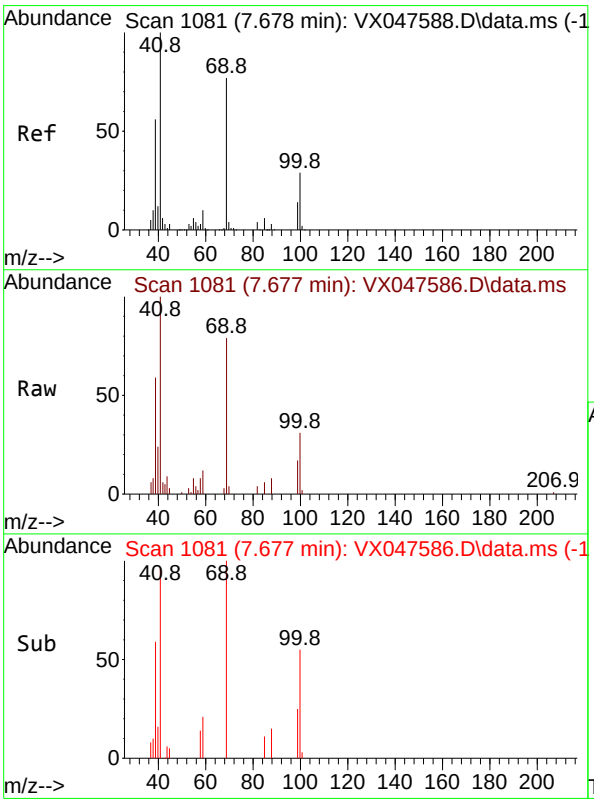
#47
Bromodichloromethane
Concen: 5.235 ug/l
RT: 7.806 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 21270

Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.5	78.7
127	7.8	6.9	10.3

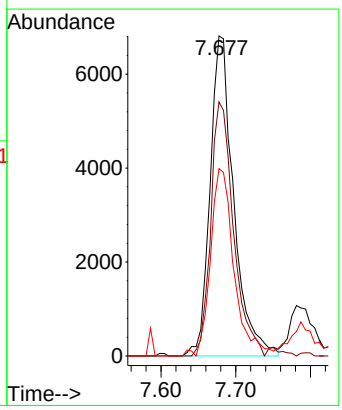


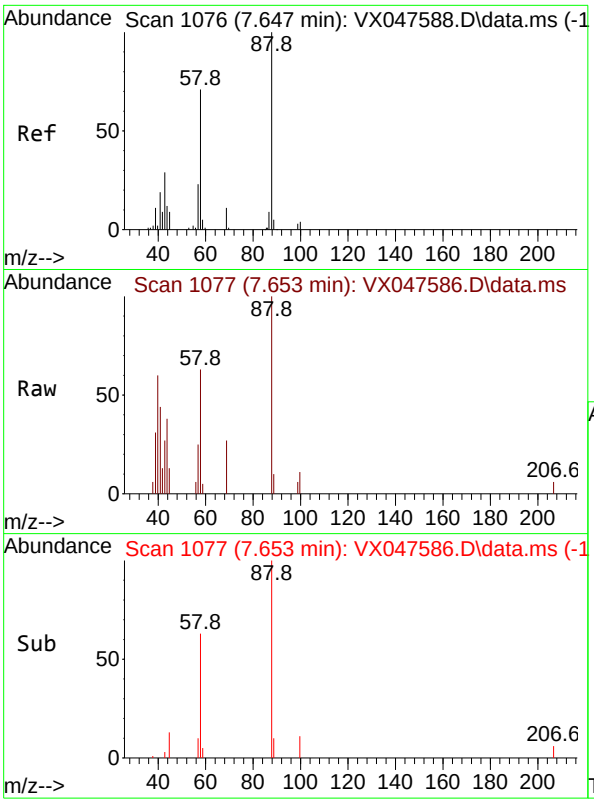


#48
Methyl methacrylate
Concen: 4.915 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 41 Resp: 14959

Ion	Ratio	Lower	Upper
41	100		
69	76.4	61.4	92.2
39	58.2	45.8	68.6



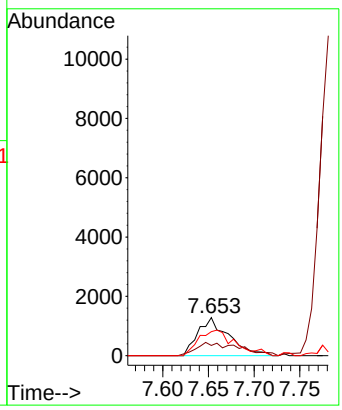


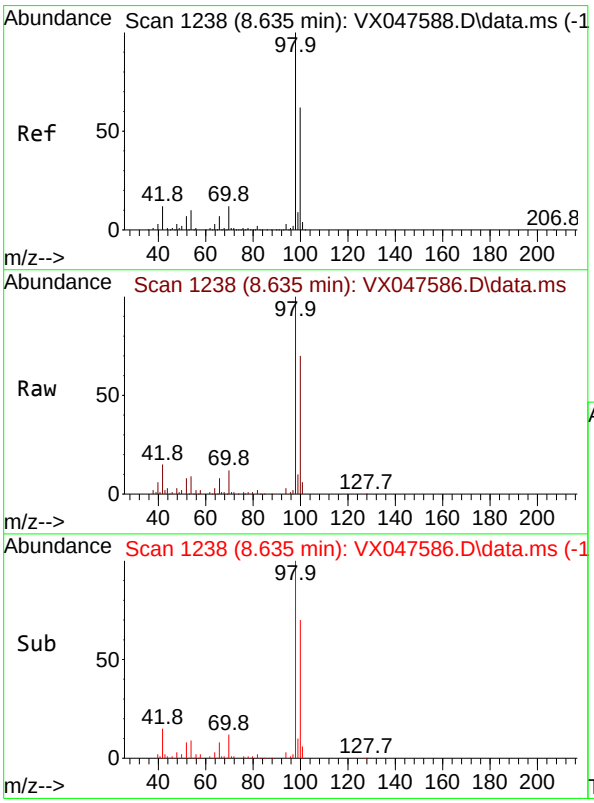
#49
1,4-Dioxane
Concen: 98.096 ug/l
RT: 7.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 88 Resp: 3017

Ion	Ratio	Lower	Upper
88	100		
43	48.3	30.2	45.2#
58	79.1	59.5	89.3

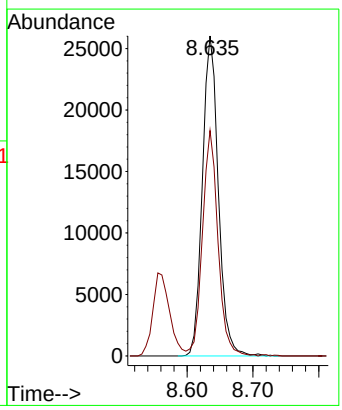


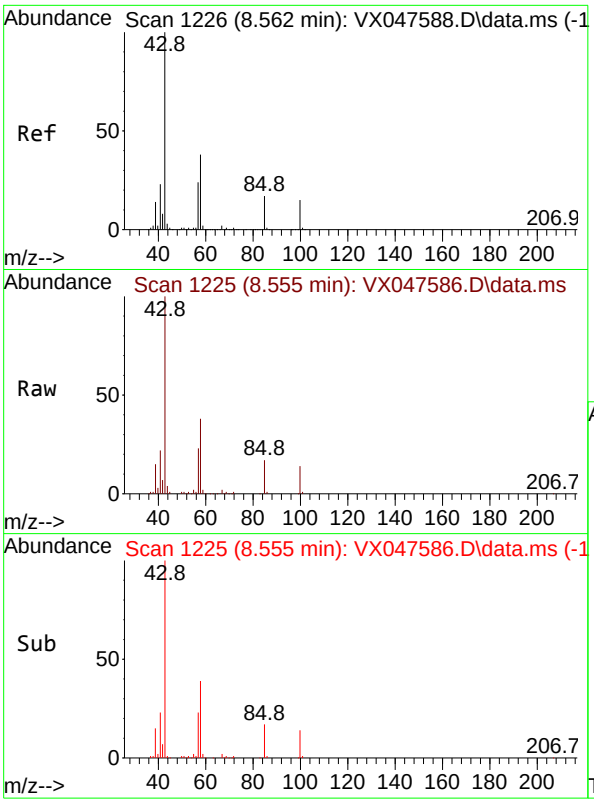


#50
Toluene-d8
Concen: 5.332 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 98 Resp: 43926

Ion	Ratio	Lower	Upper
98	100		
100	68.4	53.0	79.4



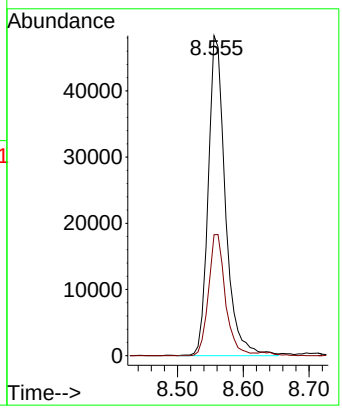


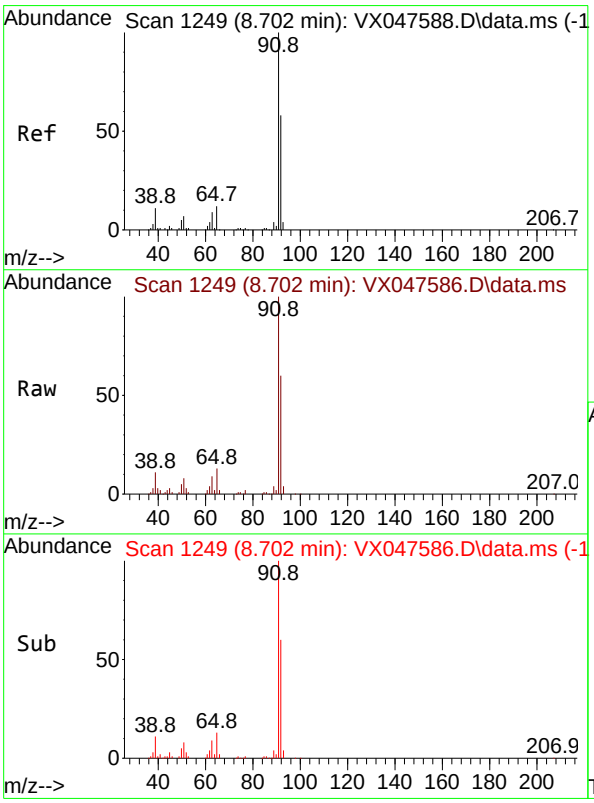
#51
4-Methyl-2-Pentanone
Concen: 25.828 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 87492

Ion	Ratio	Lower	Upper
43	100		
58	37.7	30.3	45.5

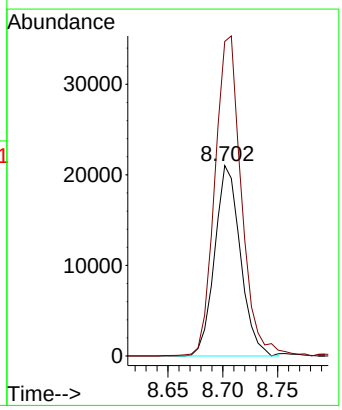


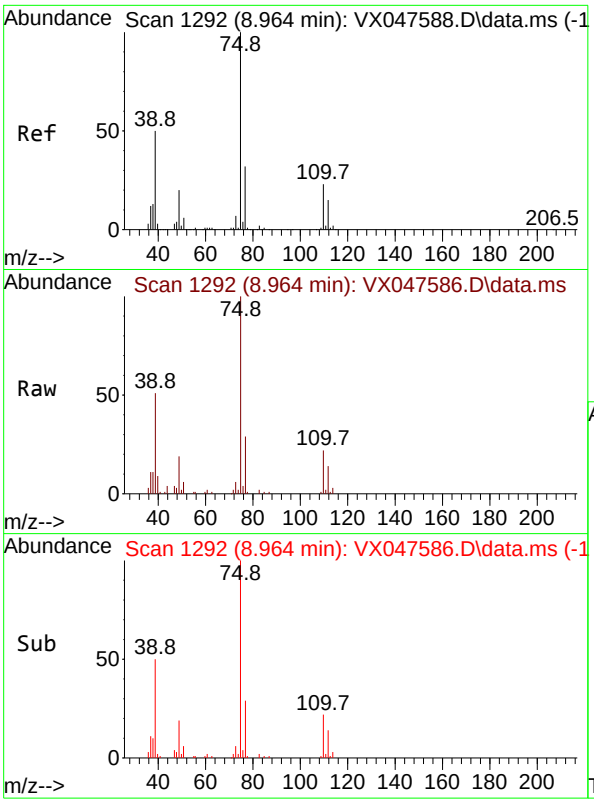


#52
Toluene
Concen: 5.271 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 92 Resp: 34314

Ion	Ratio	Lower	Upper
92	100		
91	173.8	137.1	205.7



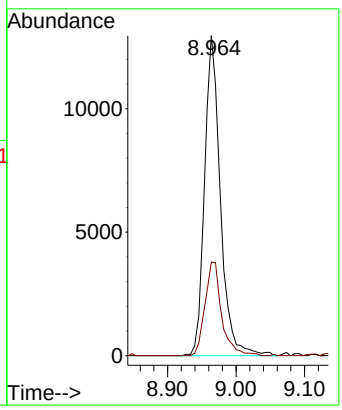


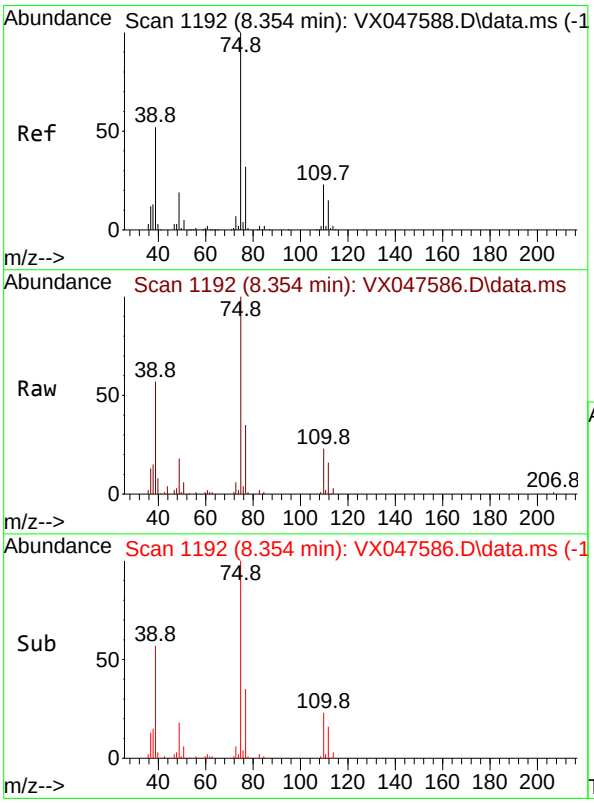
#53
t-1,3-Dichloropropene
Concen: 5.034 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 20863

Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.4	38.2

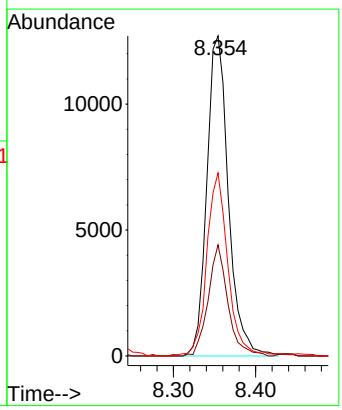


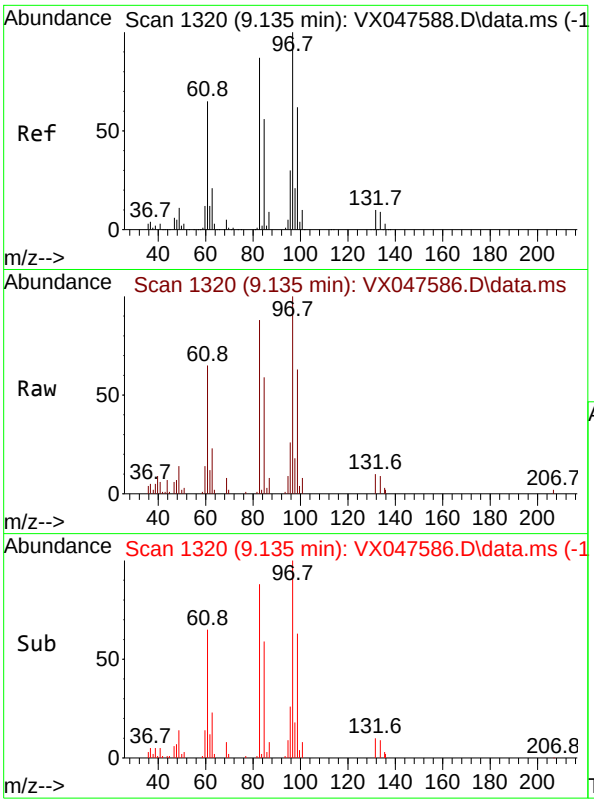


#54
cis-1,3-Dichloropropene
Concen: 5.227 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 75 Resp: 23157

Ion	Ratio	Lower	Upper
75	100		
77	34.7	25.8	38.6
39	51.7	41.4	62.2



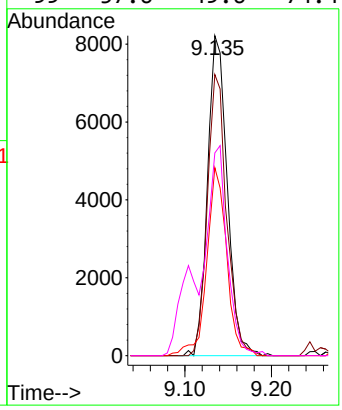


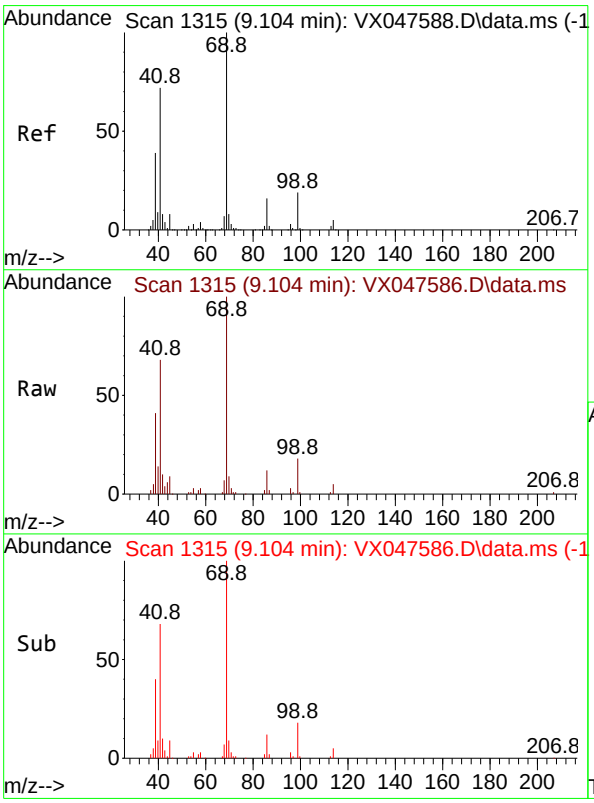
#55
1,1,2-Trichloroethane
Concen: 5.166 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 97 Resp: 12968

Ion	Ratio	Lower	Upper
97	100		
83	76.7	69.6	104.4
85	49.9	45.0	67.6
99	57.6	49.6	74.4

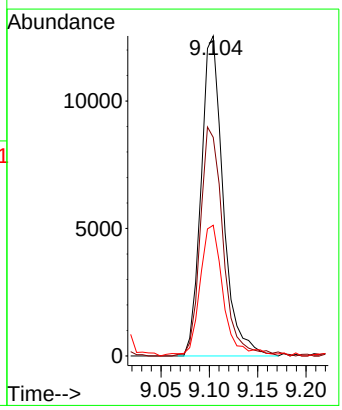


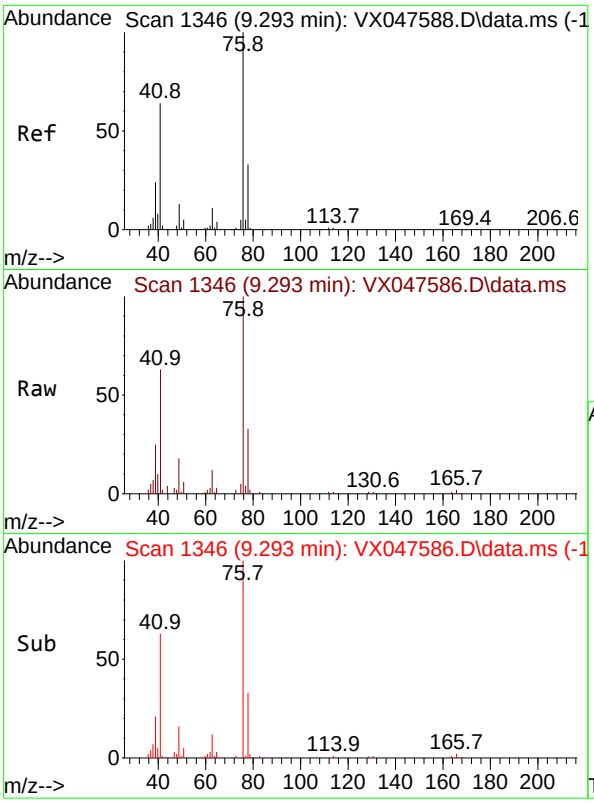


#56
Ethyl methacrylate
Concen: 5.068 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 69 Resp: 19980

Ion	Ratio	Lower	Upper
69	100		
41	73.9	58.6	87.8
39	43.7	31.5	47.3



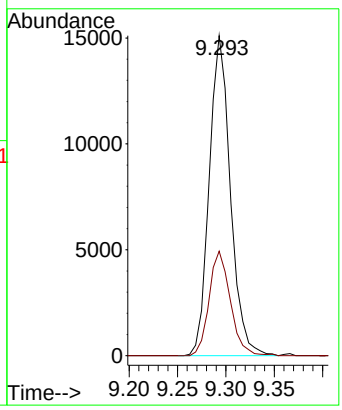


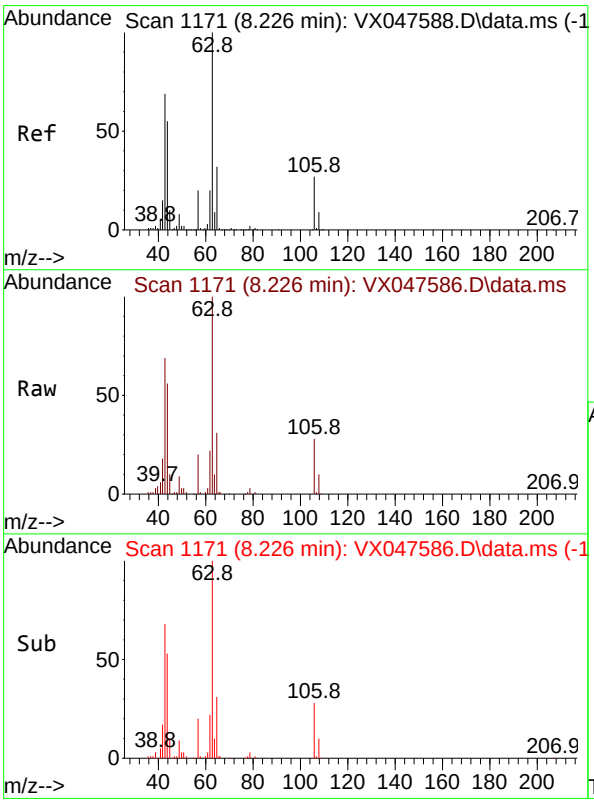
#57
1,3-Dichloropropane
Concen: 5.331 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 22989

Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.2	39.4

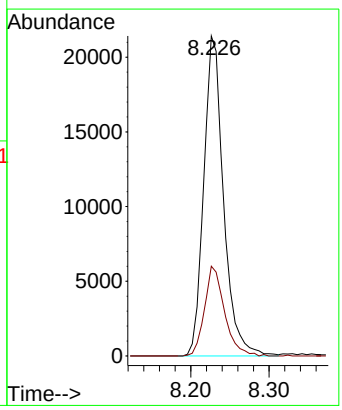


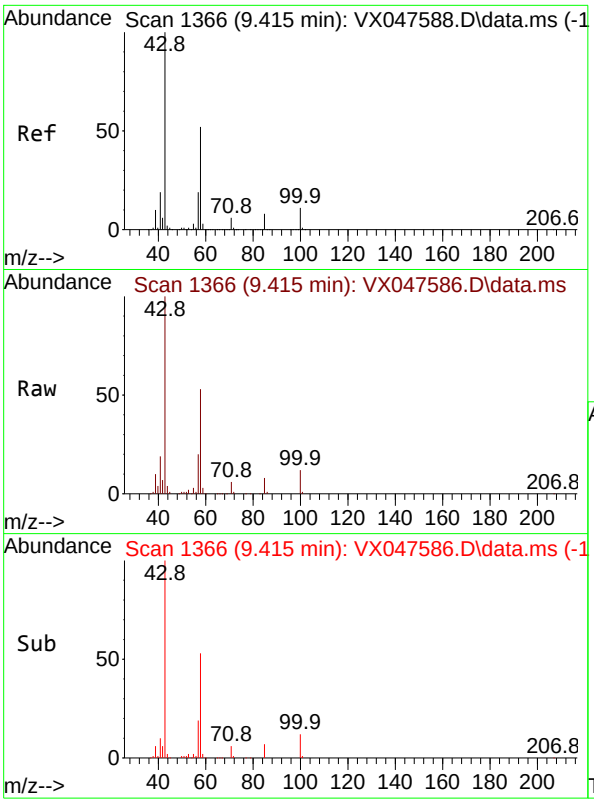


#58
2-Chloroethyl Vinyl ether
Concen: 27.899 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 63 Resp: 37585

Ion	Ratio	Lower	Upper
63	100		
106	28.3	21.9	32.9



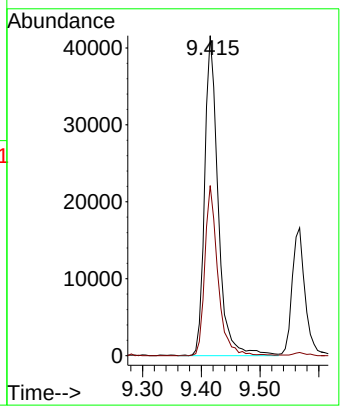


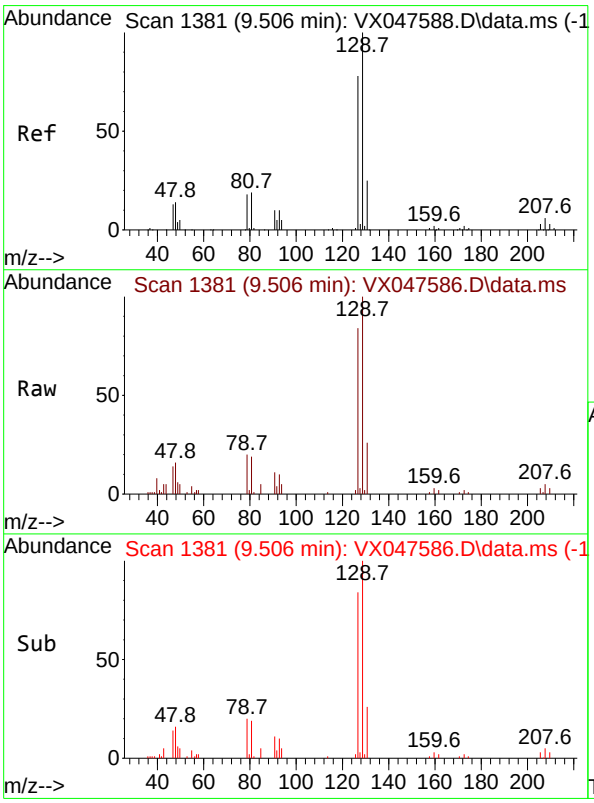
#59
2-Hexanone
Concen: 27.275 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 66356

Ion	Ratio	Lower	Upper
43	100		
58	51.1	26.1	78.2

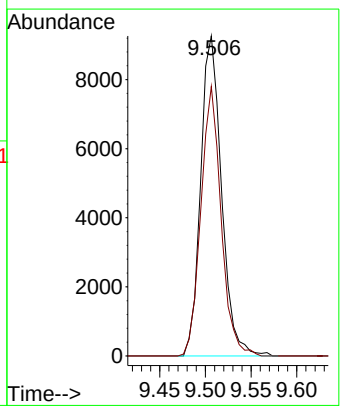


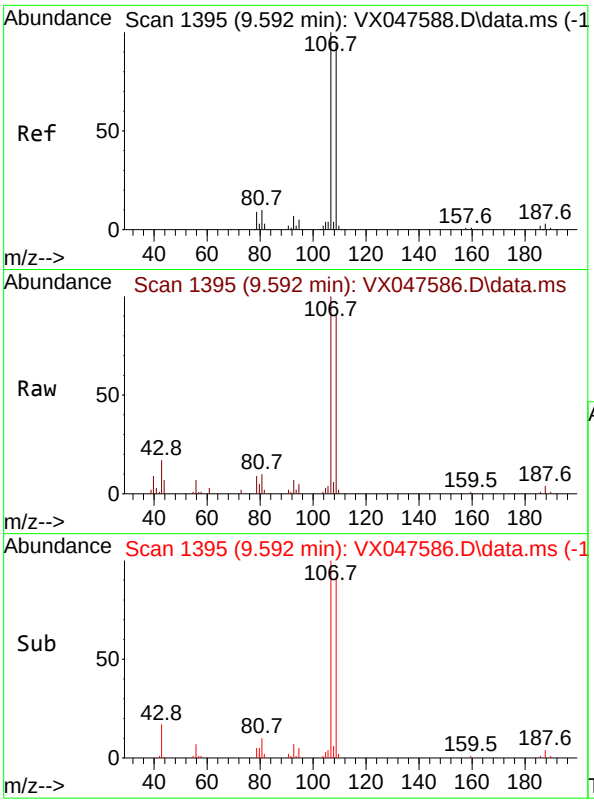


#60
Dibromochloromethane
Concen: 5.084 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:129 Resp: 14705

Ion	Ratio	Lower	Upper
129	100		
127	81.4	38.4	115.2



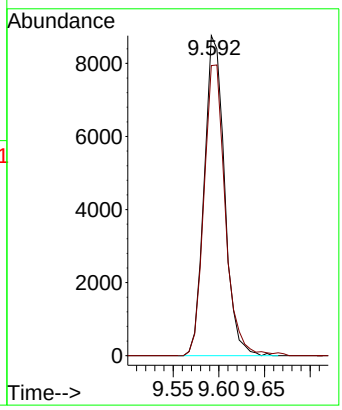


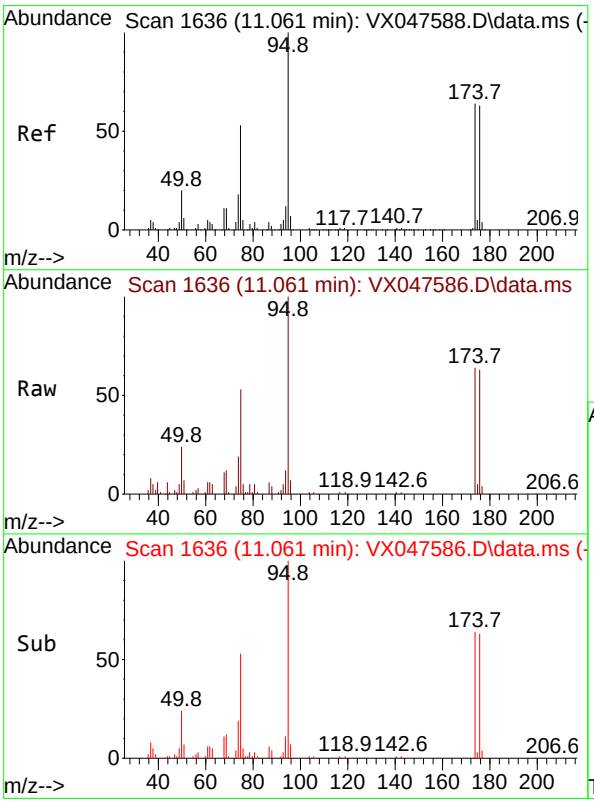
#61
1,2-Dibromoethane
Concen: 5.264 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:107 Resp: 13461

Ion	Ratio	Lower	Upper
107	100		
109	95.6	75.3	112.9

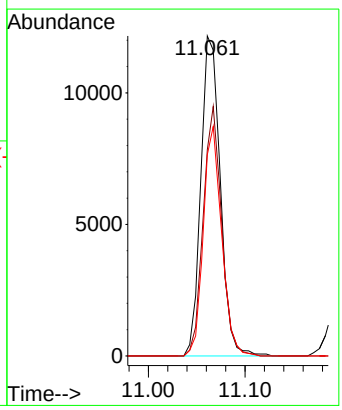


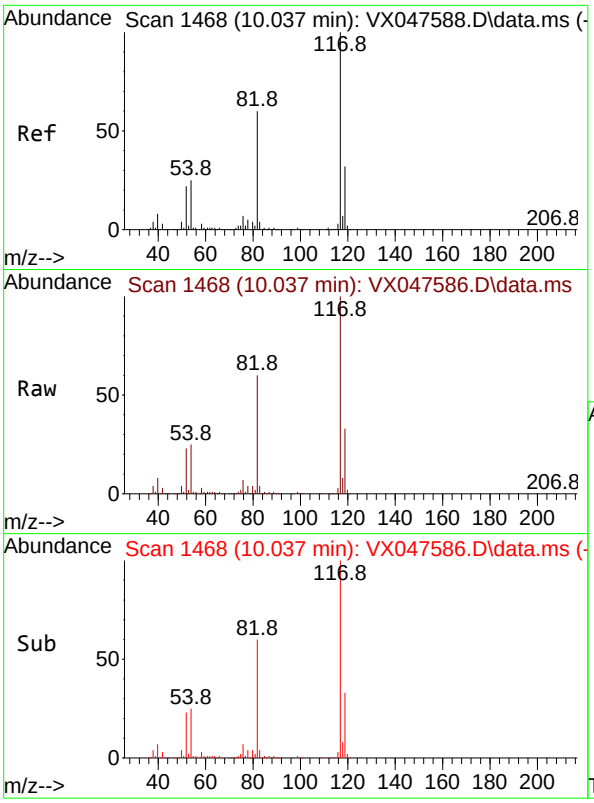


#62
4-Bromofluorobenzene
Concen: 5.429 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 95 Resp: 16974

Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	141.6
176	67.9	0.0	138.4



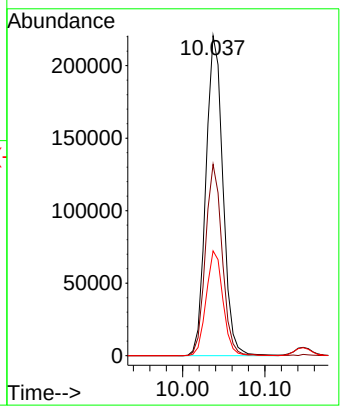


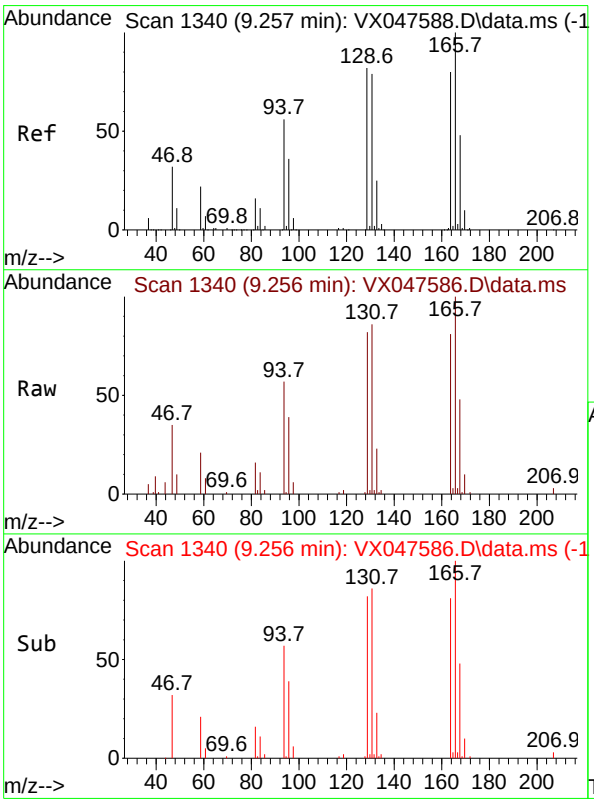
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:117 Resp: 317288

Ion	Ratio	Lower	Upper
117	100		
82	59.8	47.8	71.6
119	32.8	25.2	37.8

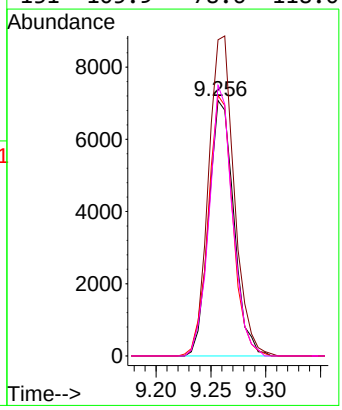


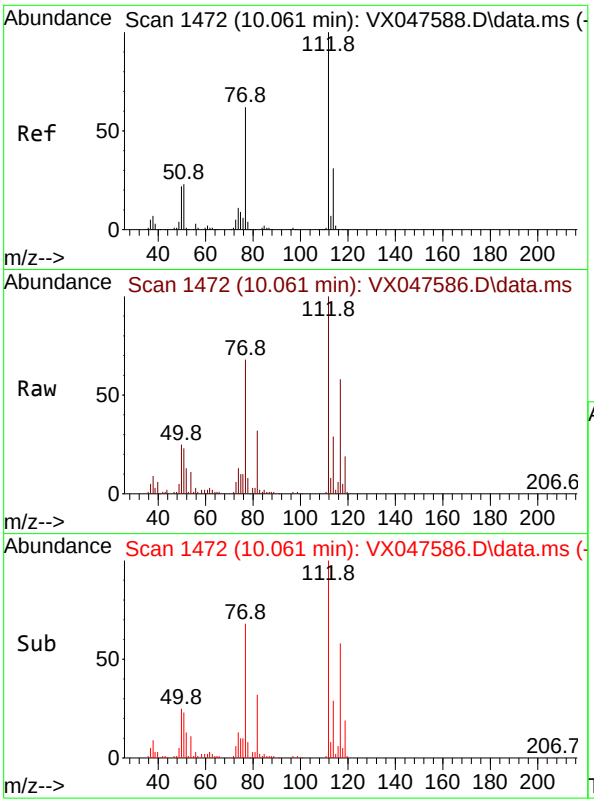


#64
Tetrachloroethene
Concen: 5.428 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:164 Resp: 11228

Ion	Ratio	Lower	Upper
164	100		
166	123.8	100.2	150.2
129	102.0	81.8	122.6
131	105.9	78.6	118.0



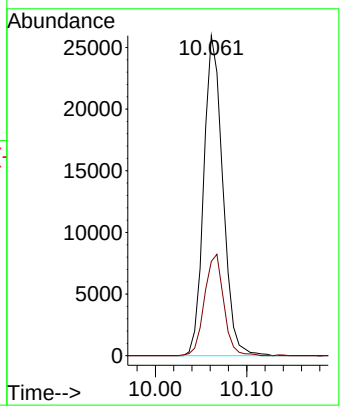


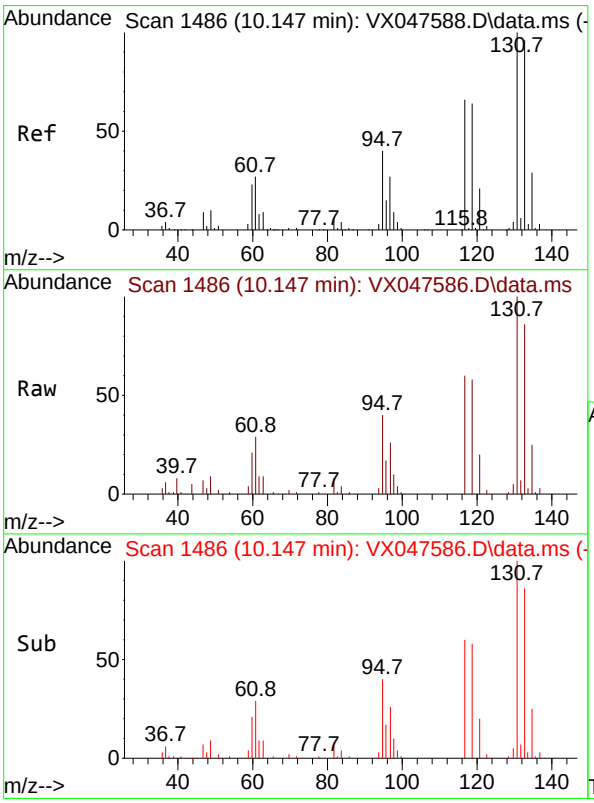
#65
Chlorobenzene
Concen: 5.203 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 37507

Ion	Ratio	Lower	Upper
112	100		
114	29.2	25.1	37.7

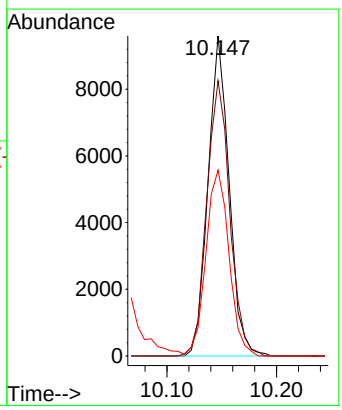


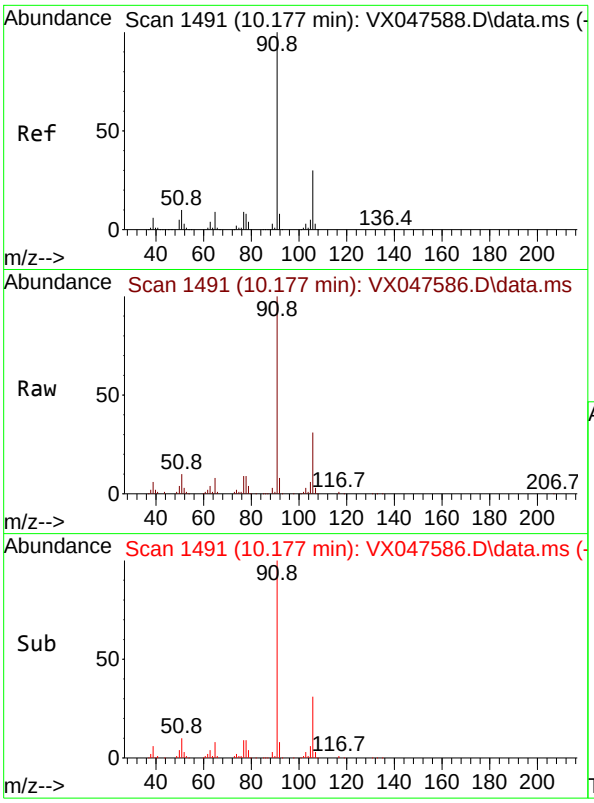


#66
1,1,1,2-Tetrachloroethane
Concen: 5.149 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:131 Resp: 12807

Ion	Ratio	Lower	Upper
131	100		
133	94.0	47.3	142.0
119	63.5	32.0	96.0



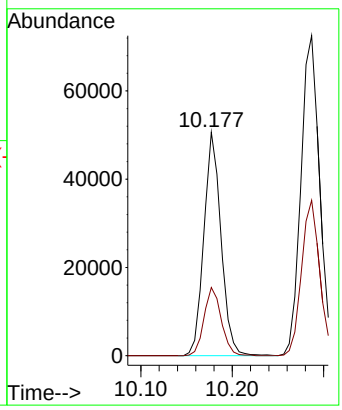


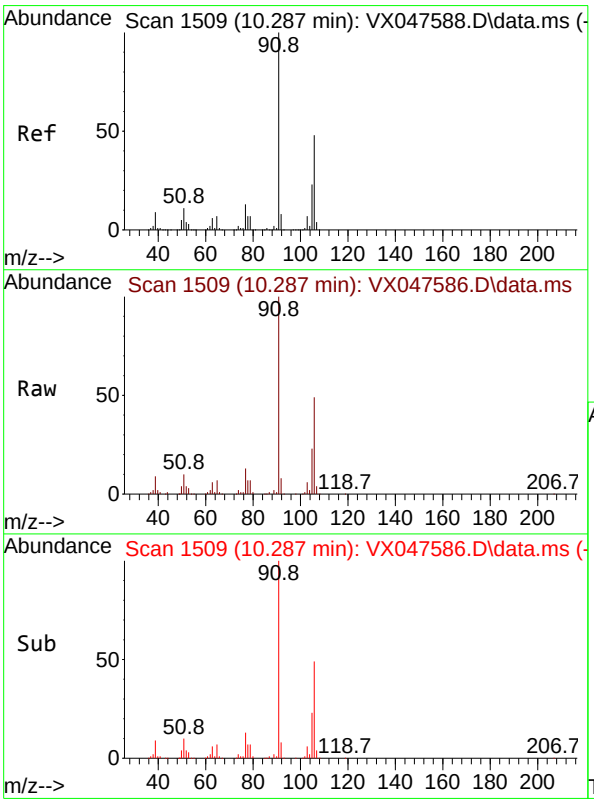
#67
Ethyl Benzene
Concen: 5.299 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 65908

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.3	36.5

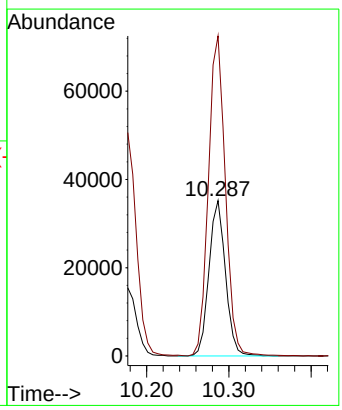


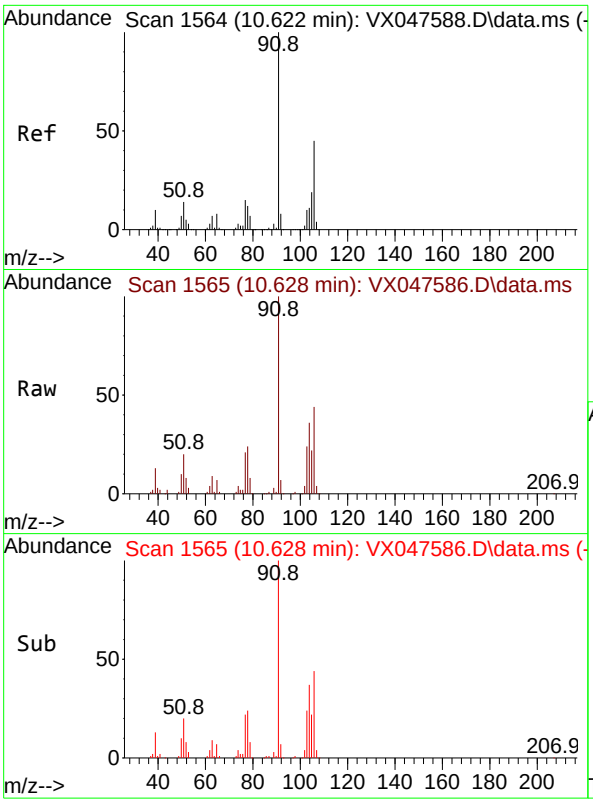


#68
m/p-Xylenes
Concen: 10.613 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:106 Resp: 49132

Ion	Ratio	Lower	Upper
106	100		
91	211.6	167.8	251.8



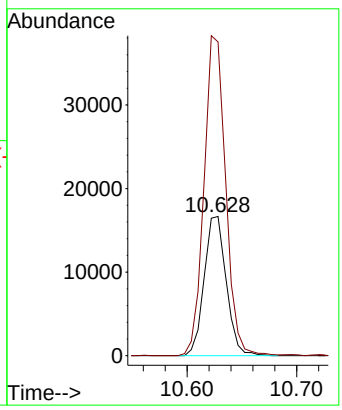


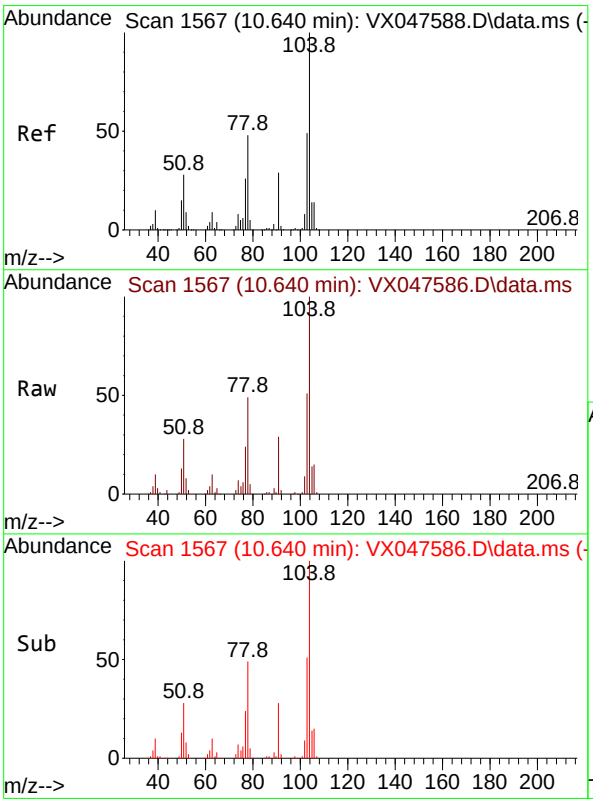
#69
o-Xylene
Concen: 5.204 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 23300

Ion	Ratio	Lower	Upper
106	100		
91	226.3	111.1	333.4

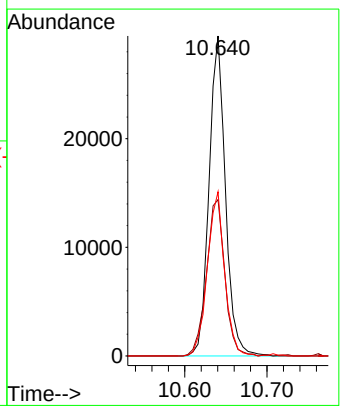


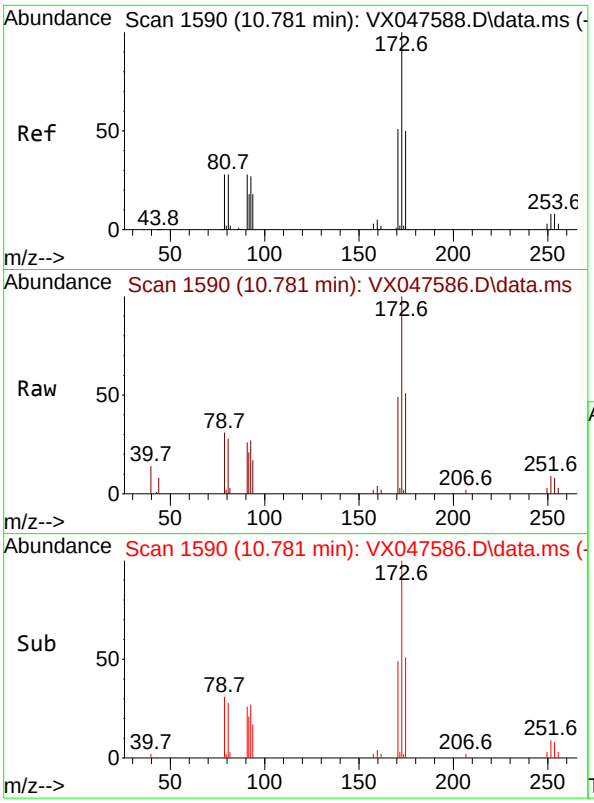


#70
Styrene
Concen: 5.210 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:104 Resp: 40872

Ion	Ratio	Lower	Upper
104	100		
78	54.8	43.1	64.7
103	53.7	43.1	64.7



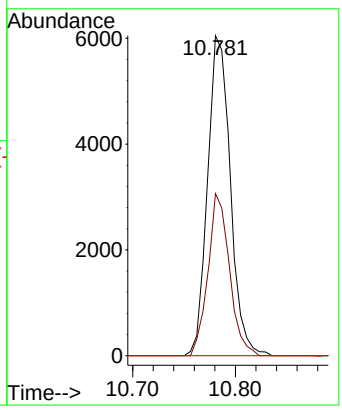


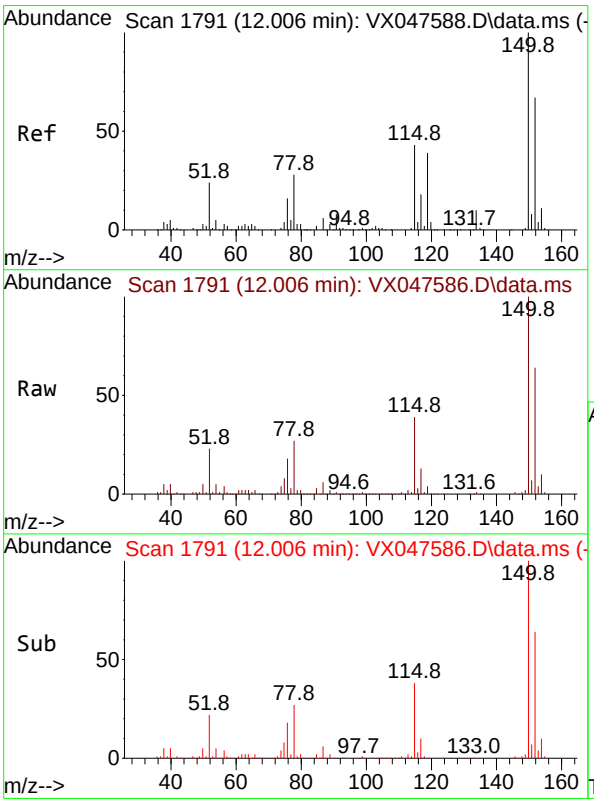
#71
Bromoform
Concen: 5.006 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:173 Resp: 9298

Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.9	74.6
254	0.0	0.1	0.1#

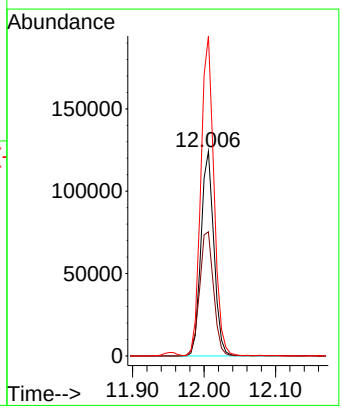


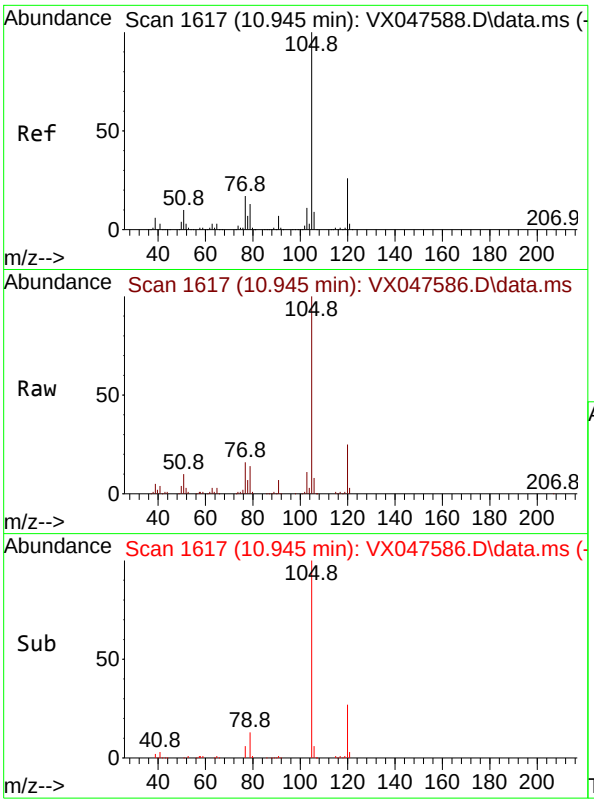


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:152 Resp: 156219

Ion	Ratio	Lower	Upper
152	100		
115	65.6	44.9	134.5
150	157.8	0.0	352.0



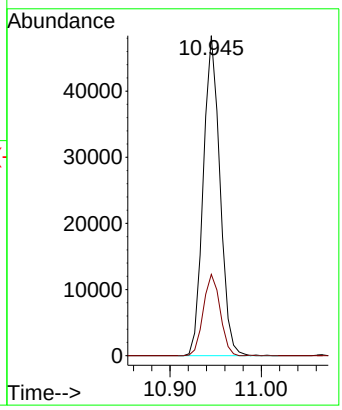


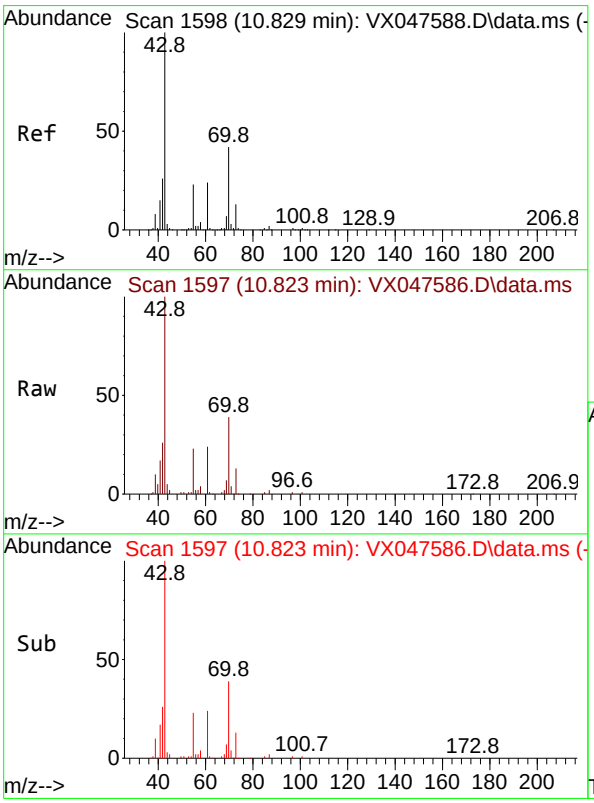
#73
Isopropylbenzene
Concen: 5.139 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 61029

Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.8	38.4

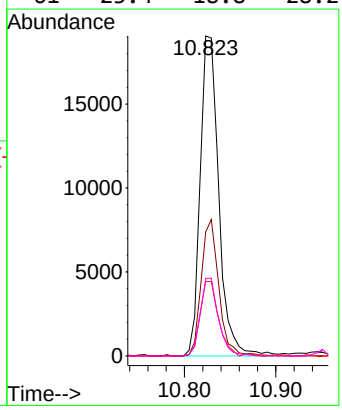


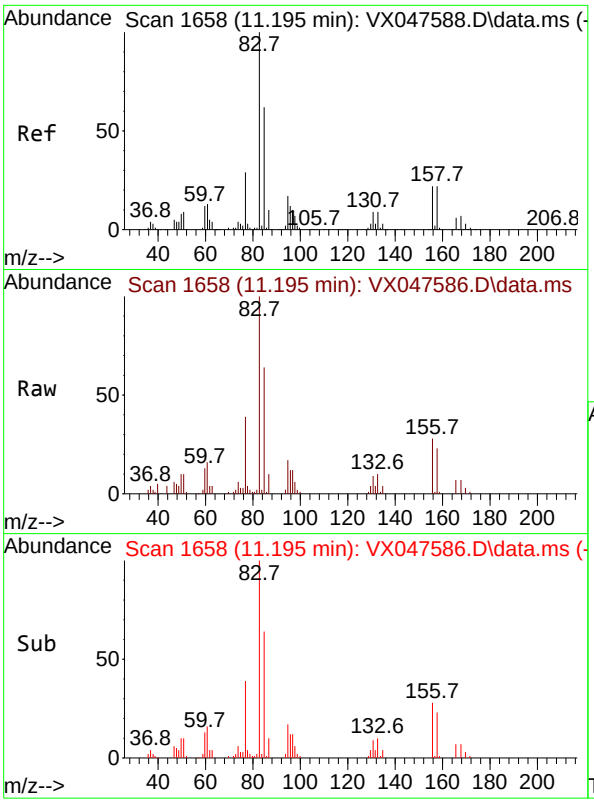


#74
N-amyl acetate
Concen: 4.980 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 26969

Ion	Ratio	Lower	Upper
43	100		
70	39.9	32.0	48.0
55	23.1	18.9	28.3
61	23.4	18.8	28.2



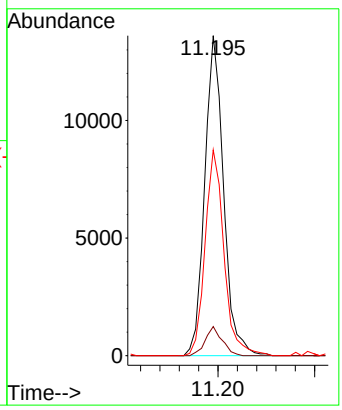


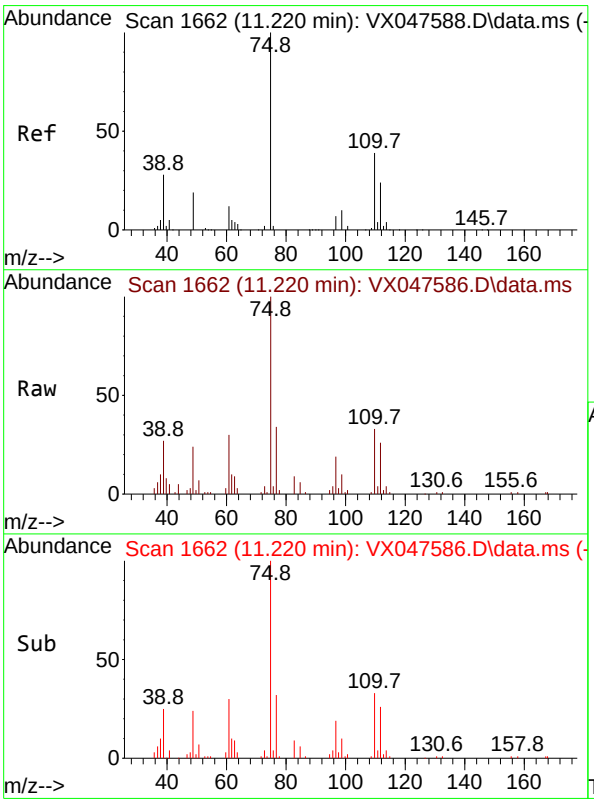
#75
1,1,2,2-Tetrachloroethane
Concen: 5.138 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 18462

Ion	Ratio	Lower	Upper
83	100		
131	8.2	5.0	14.9
85	64.4	31.6	95.0

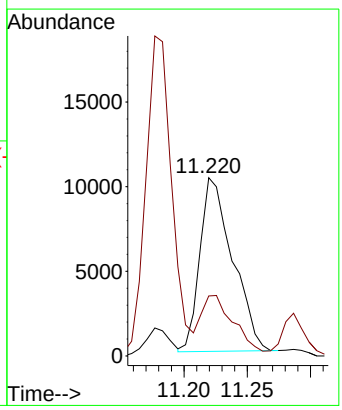


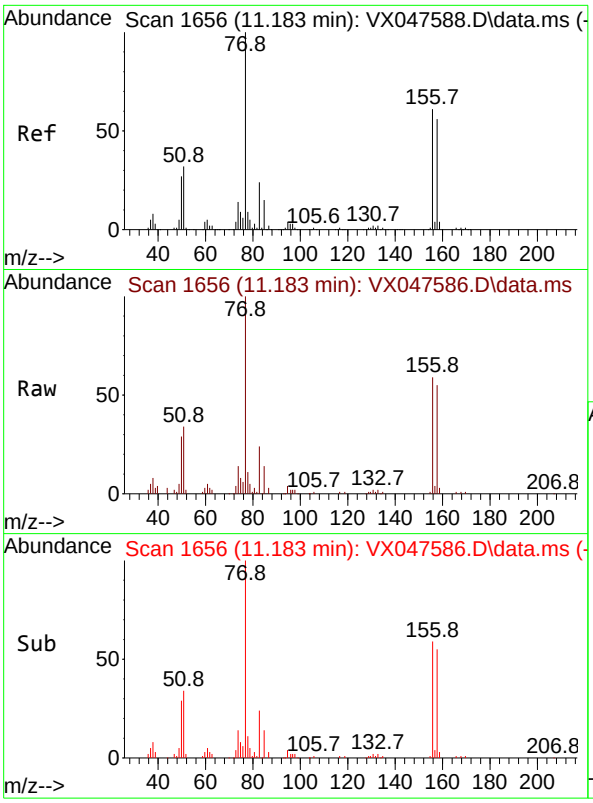


#76
1,2,3-Trichloropropane
Concen: 5.847 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 75 Resp: 18494

Ion	Ratio	Lower	Upper
75	100		
77	35.0	18.8	56.4



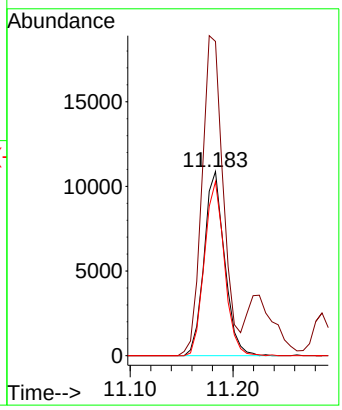


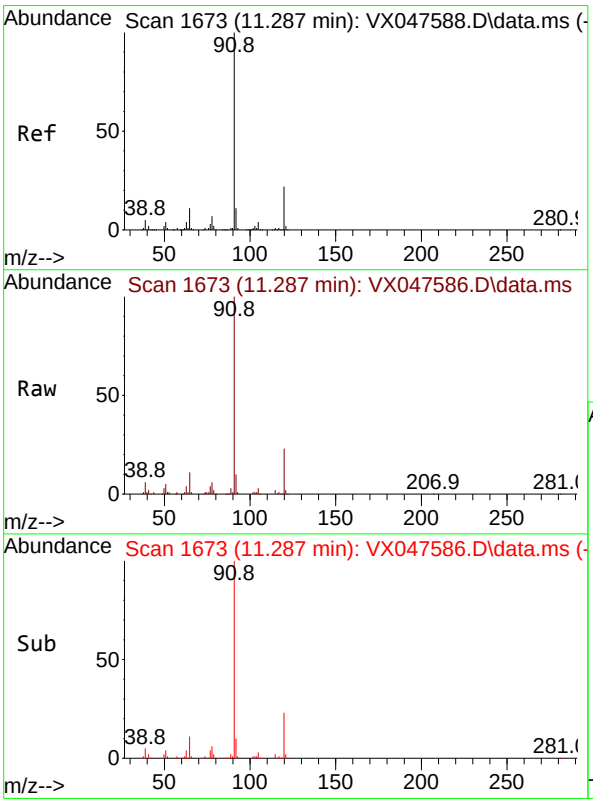
#77
Bromobenzene
Concen: 5.150 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:156 Resp: 15066

Ion	Ratio	Lower	Upper
156	100		
77	180.3	89.7	269.1
158	92.6	47.9	143.6

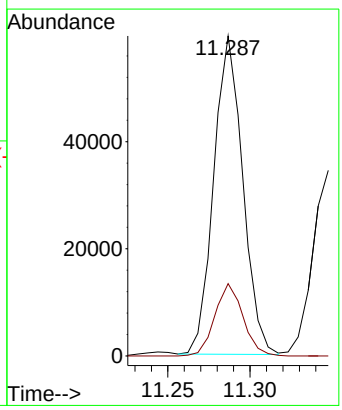


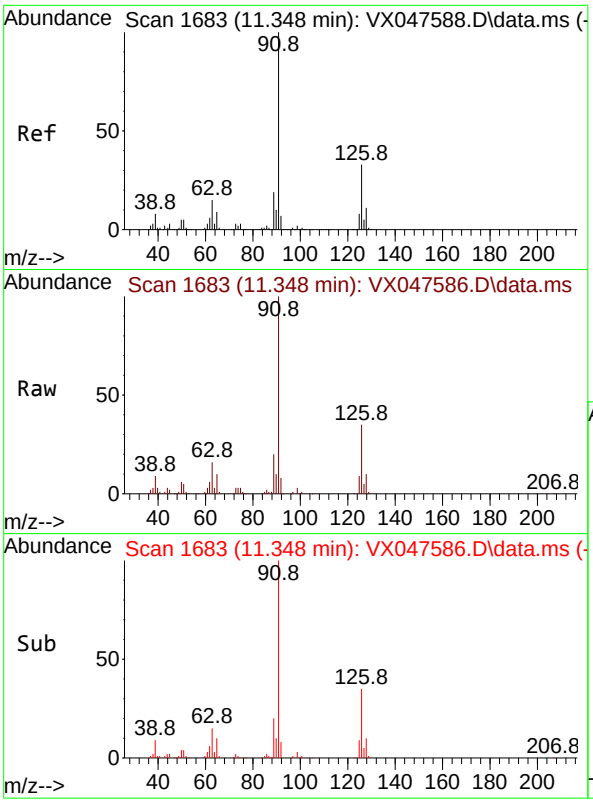


#78
n-propylbenzene
Concen: 5.192 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 91 Resp: 72900

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.1	33.1



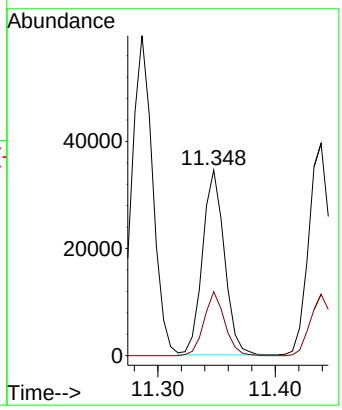


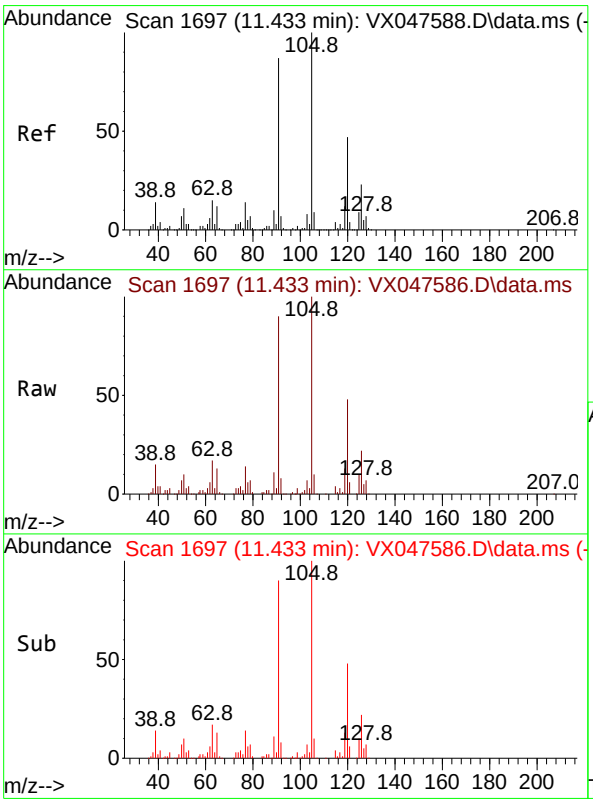
#79
2-Chlorotoluene
Concen: 5.194 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 44663

Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.1	48.3

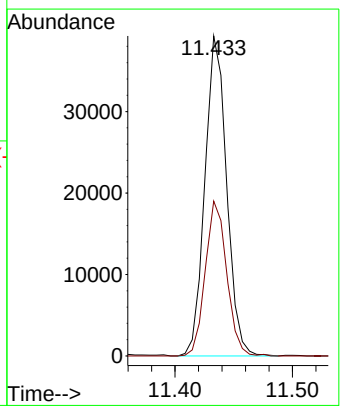


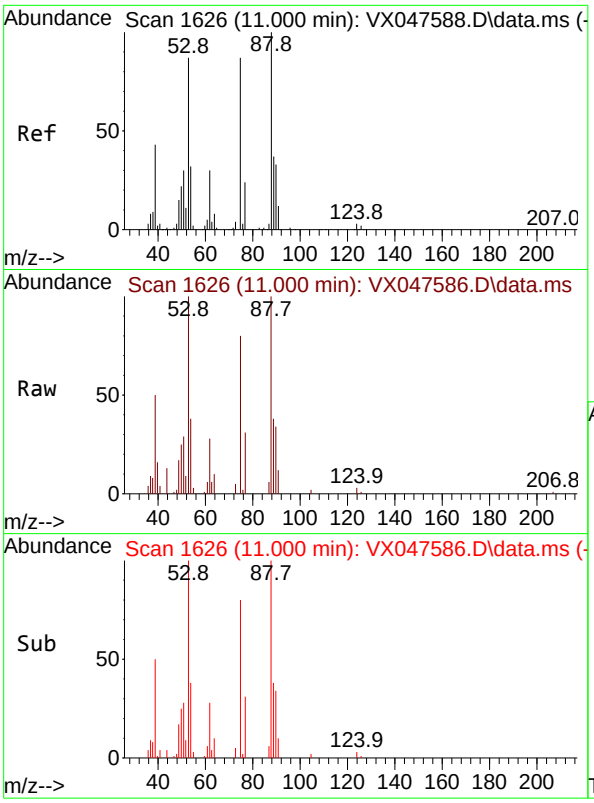


#80
1,3,5-Trimethylbenzene
Concen: 5.179 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:105 Resp: 50535

Ion	Ratio	Lower	Upper
105	100		
120	47.7	23.6	70.8



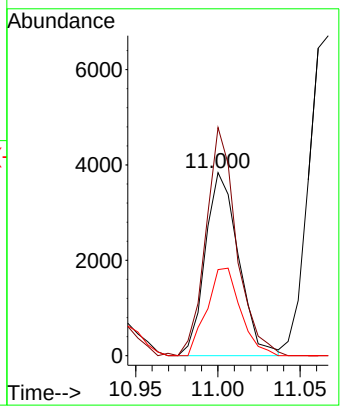


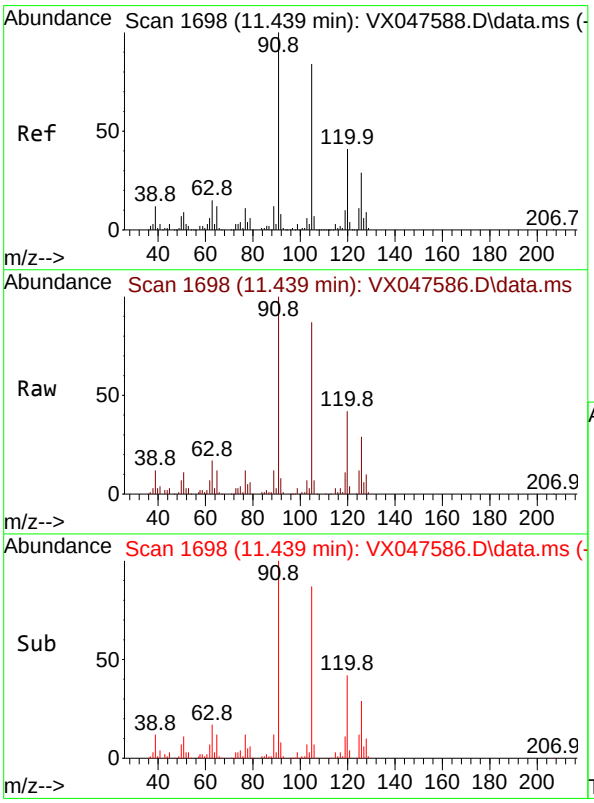
#81
trans-1,4-Dichloro-2-butene
Concen: 4.364 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 5413

Ion	Ratio	Lower	Upper
75	100		
53	114.9	83.4	125.2
89	48.3	36.3	54.5

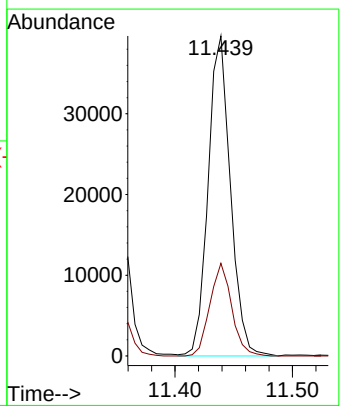


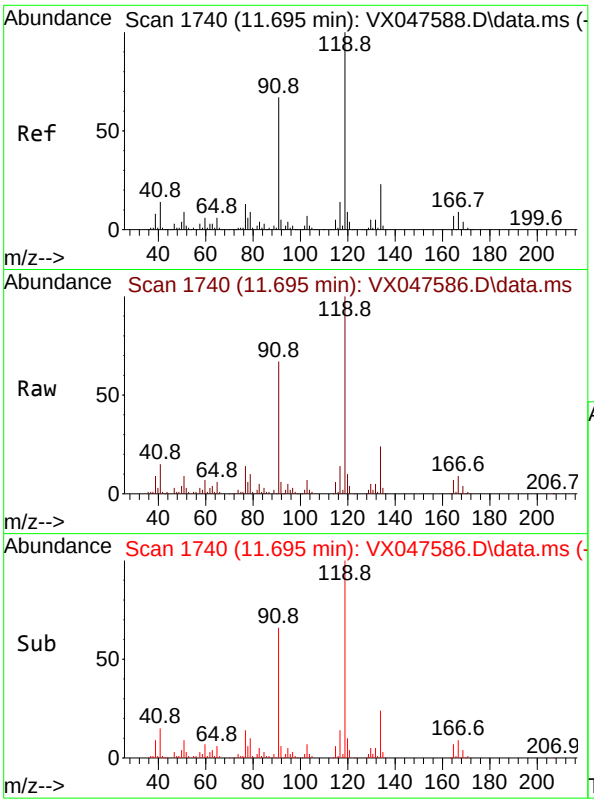


#82
4-Chlorotoluene
Concen: 5.149 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 91 Resp: 52294

Ion	Ratio	Lower	Upper
91	100		
126	28.3	14.2	42.6



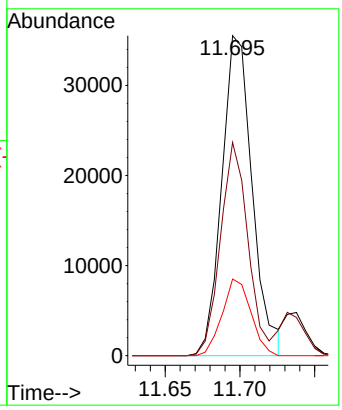


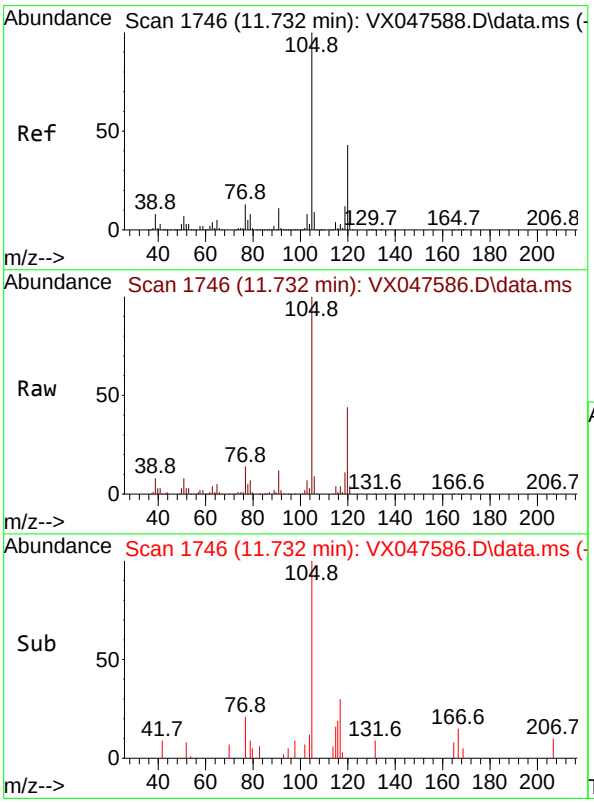
#83
tert-Butylbenzene
Concen: 5.041 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 50350

Ion	Ratio	Lower	Upper
119	100		
91	60.1	29.6	88.8
134	22.7	11.0	33.0

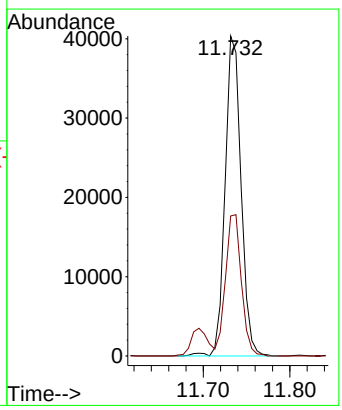


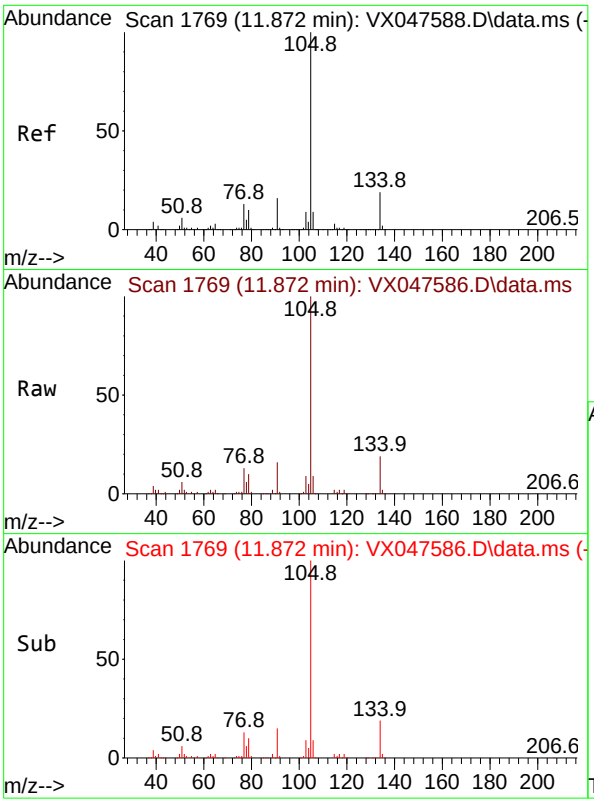


#84
1,2,4-Trimethylbenzene
Concen: 5.214 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:105 Resp: 51583

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.1



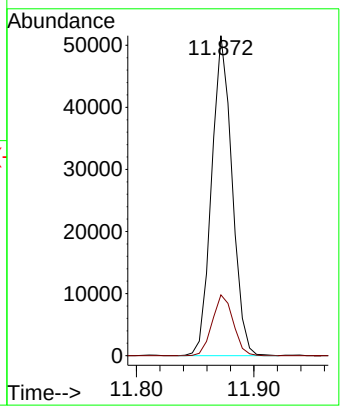


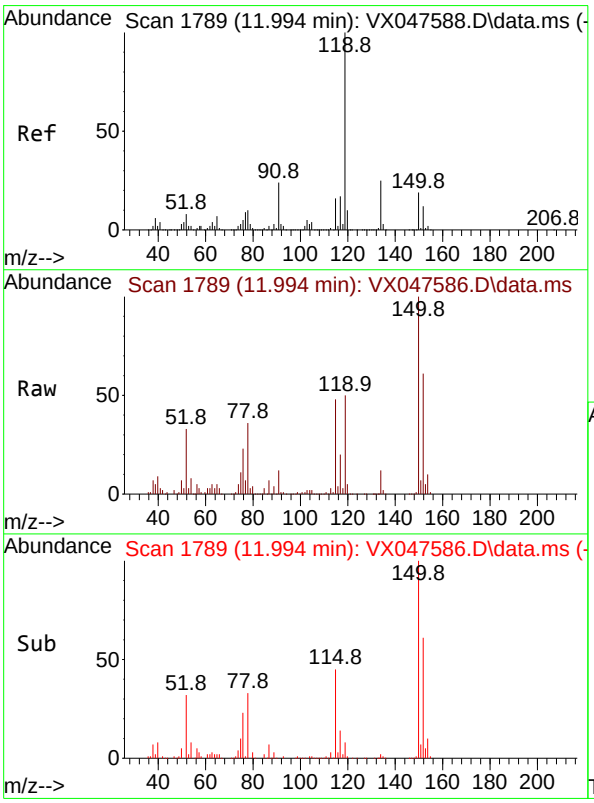
#85
sec-Butylbenzene
Concen: 5.268 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 62507

Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.8	29.5

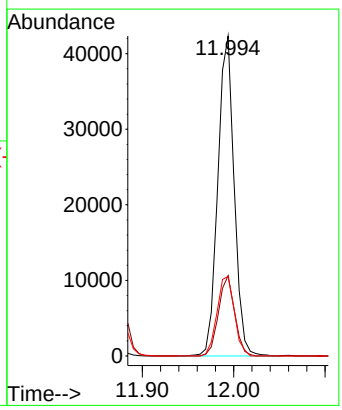


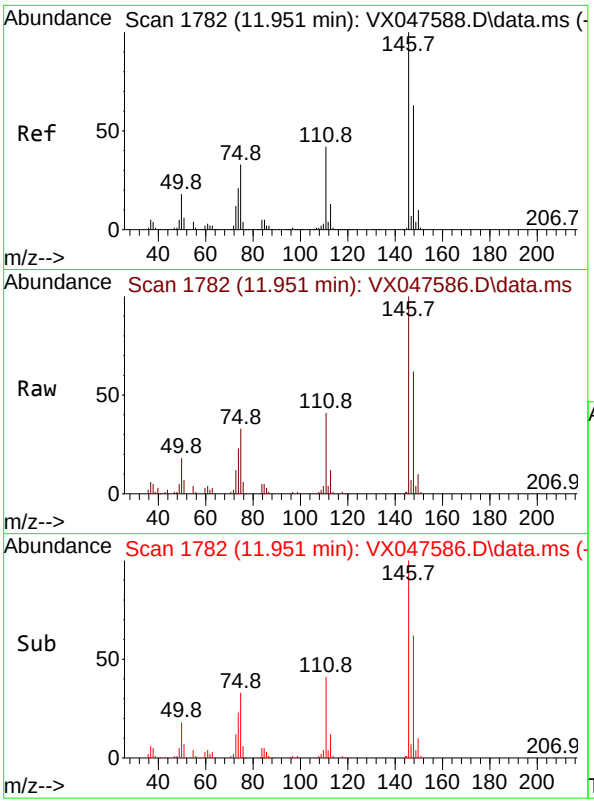


#86
p-Isopropyltoluene
Concen: 5.244 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:119 Resp: 52674

Ion	Ratio	Lower	Upper
119	100		
134	24.7	12.6	37.8
91	26.2	12.6	37.6



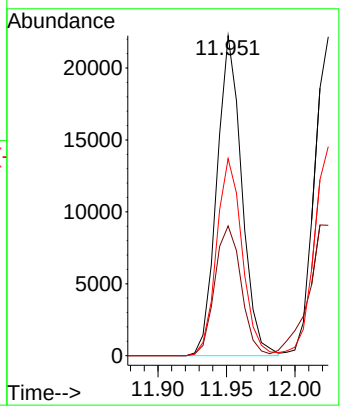


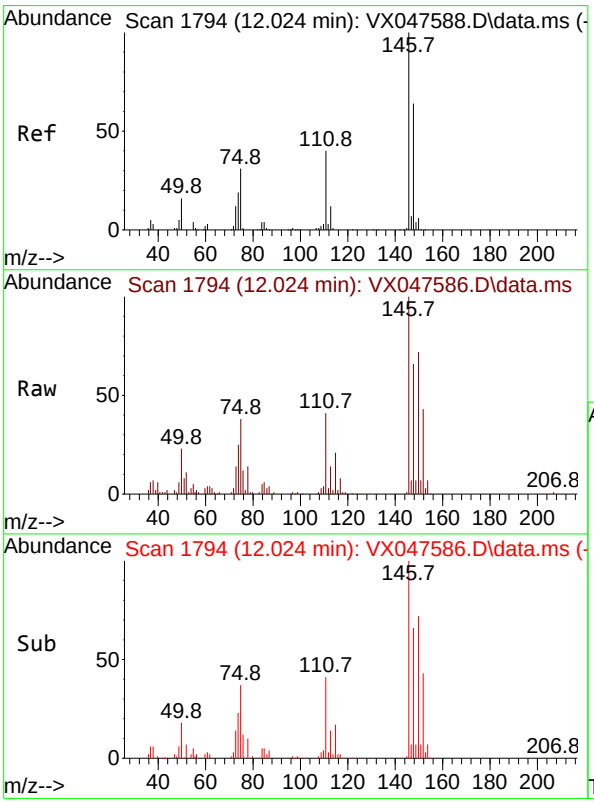
#87
1,3-Dichlorobenzene
Concen: 5.175 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 28116

Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.5	64.5
148	63.4	32.0	96.0

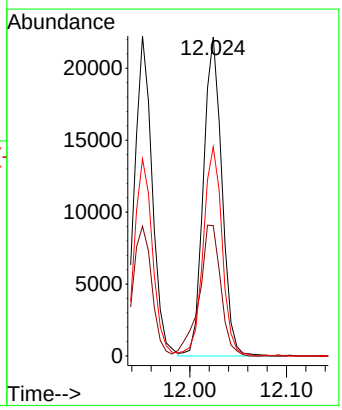


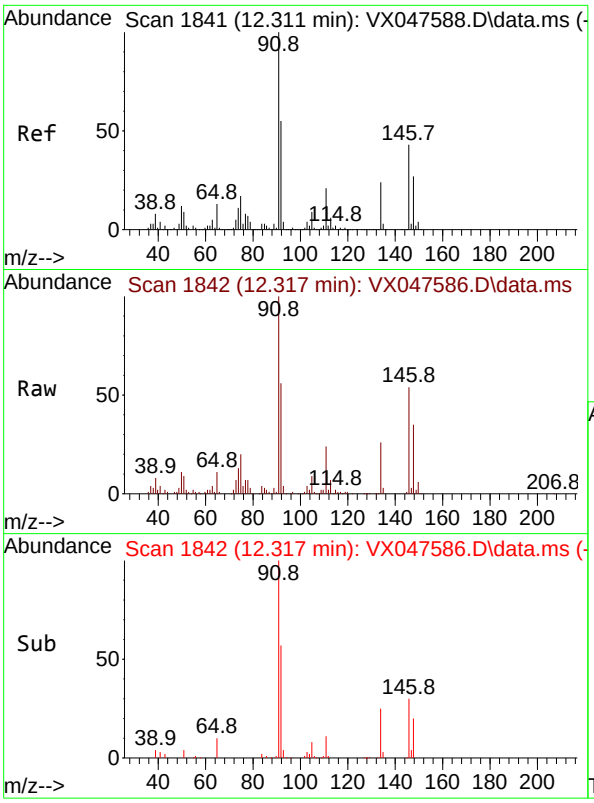


#88
1,4-Dichlorobenzene
Concen: 5.294 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:146 Resp: 29519

Ion	Ratio	Lower	Upper
146	100		
111	47.8	20.8	62.4
148	66.9	31.7	95.1



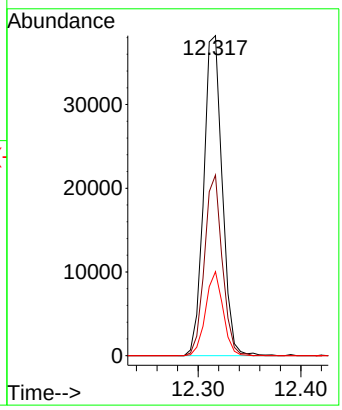


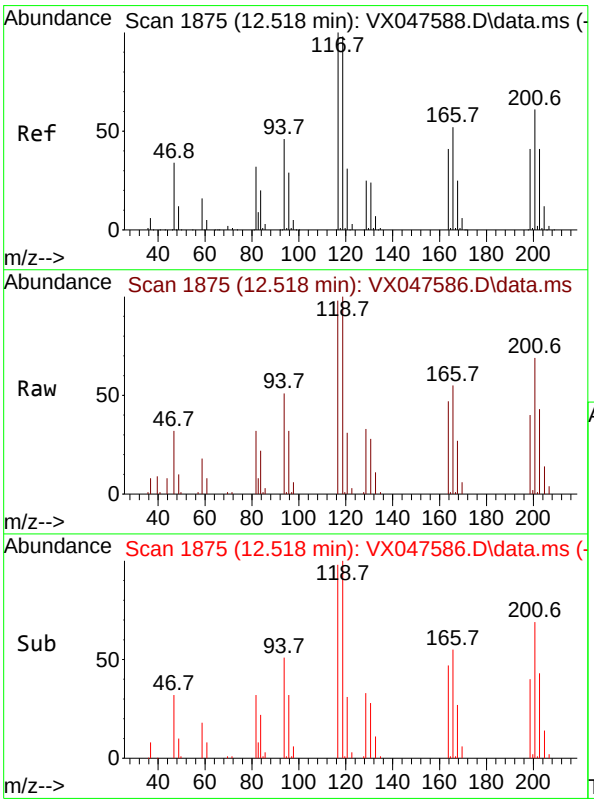
#89
n-Butylbenzene
Concen: 5.159 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 47953

Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.6	82.7
134	24.6	12.6	37.8

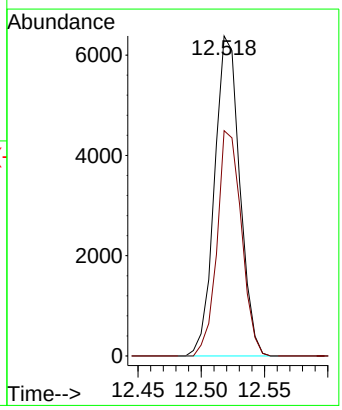


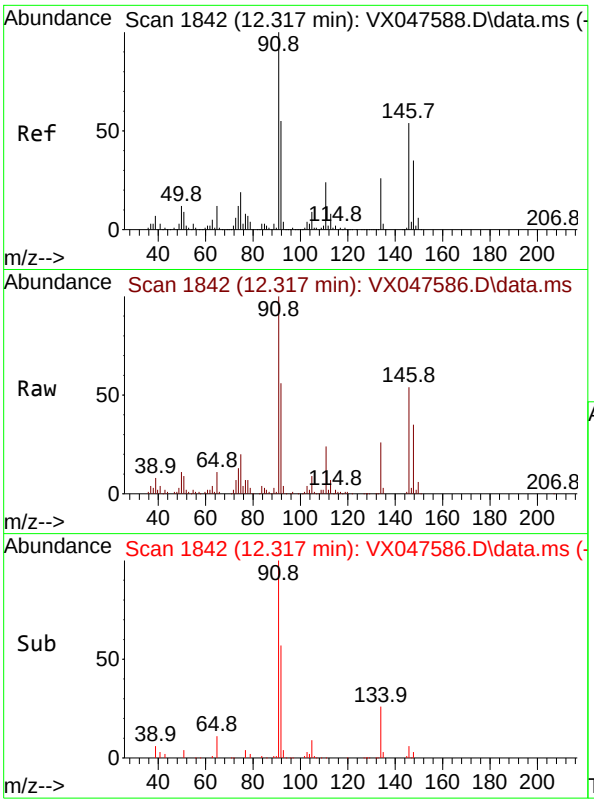


#90
Hexachloroethane
Concen: 5.007 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:117 Resp: 8830

Ion	Ratio	Lower	Upper
117	100		
201	67.9	34.2	102.5



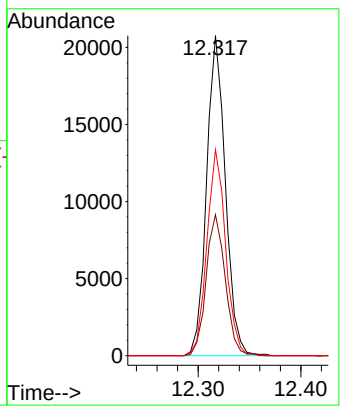


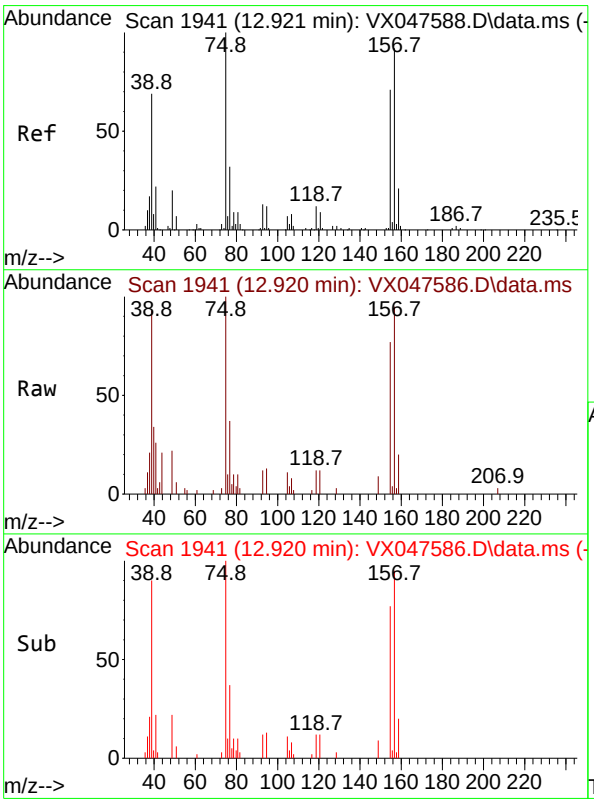
#91
1,2-Dichlorobenzene
Concen: 5.102 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 26409

Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.2	66.6
148	64.2	31.8	95.4

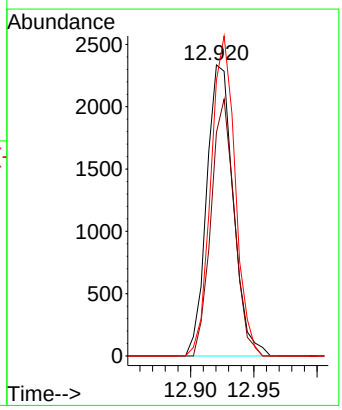


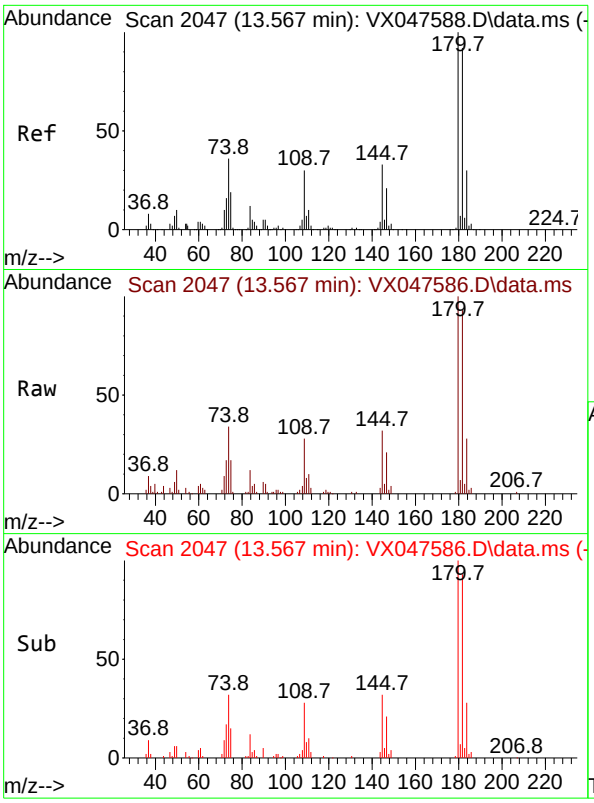


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.690 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 75 Resp: 3412

Ion	Ratio	Lower	Upper
75	100		
155	77.4	37.7	113.1
157	100.1	49.8	149.4



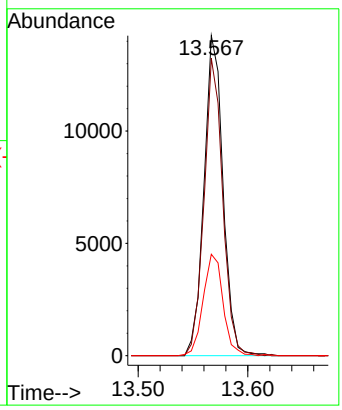


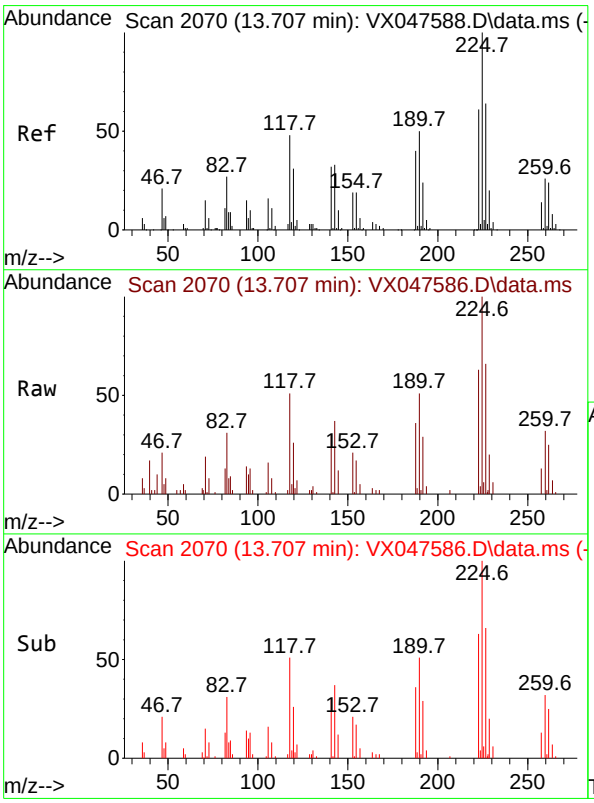
#93
1,2,4-Trichlorobenzene
Concen: 5.103 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:180 Resp: 17167

Ion	Ratio	Lower	Upper
180	100		
182	91.2	46.6	139.8
145	33.2	16.4	49.1

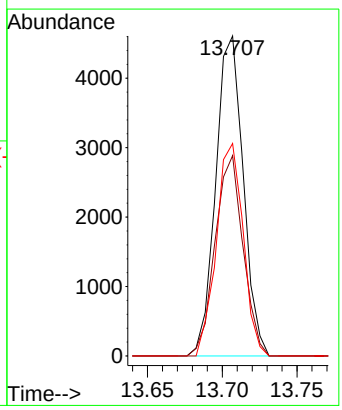


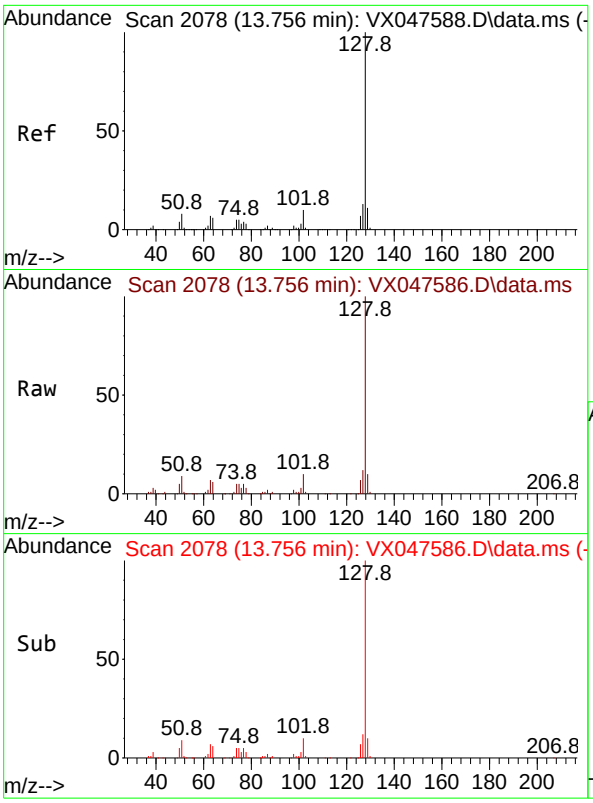


#94
Hexachlorobutadiene
Concen: 5.158 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:225 Resp: 5894

Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.7	95.1
227	64.7	32.0	96.0



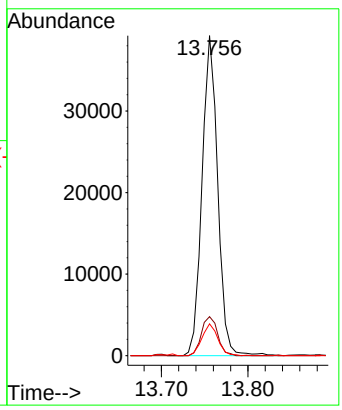


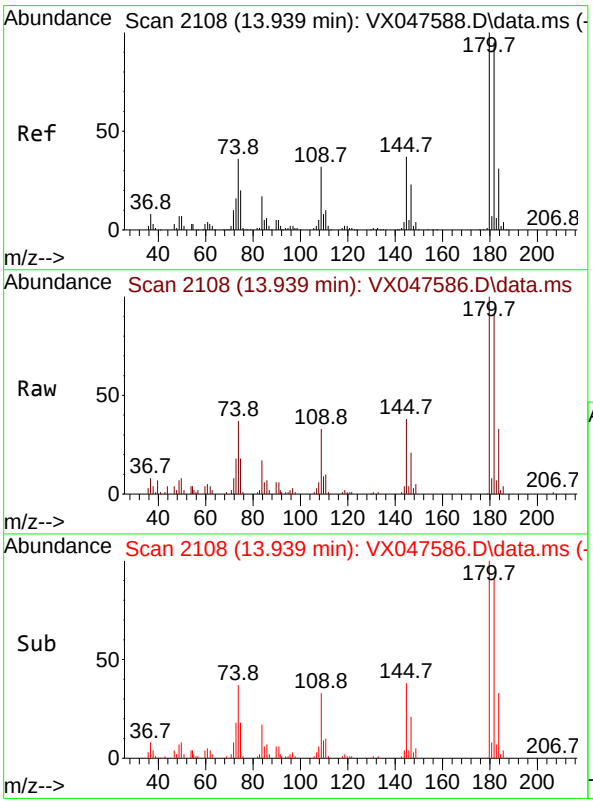
#95
Naphthalene
Concen: 4.808 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:128 Resp: 49257

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.1	8.8	13.2

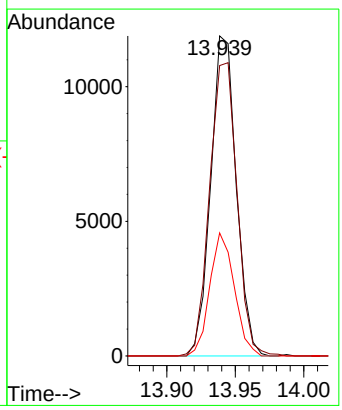




#96
1,2,3-Trichlorobenzene
Concen: 4.921 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:180 Resp: 15400

Ion	Ratio	Lower	Upper
180	100		
182	98.0	47.6	142.8
145	37.1	17.9	53.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047587.D
Acq On : 16 Sep 2025 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Sep 22 01:49:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	189559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	336287	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	298629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	141590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	49073	16.264	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 32.520%#			
35) Dibromofluoromethane	5.379	113	35788	15.868	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 31.740%#			
50) Toluene-d8	8.634	98	126875	16.258	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 32.520%#			
62) 4-Bromofluorobenzene	11.067	95	48454	16.360	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 32.720%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	44126	22.480	ug/l	100
3) Chloromethane	1.300	50	56023	21.716	ug/l	96
4) Vinyl Chloride	1.386	62	54256	21.485	ug/l	96
5) Bromomethane	1.617	94	34193	21.353	ug/l	100
6) Chloroethane	1.697	64	35551	21.063	ug/l	97
7) Trichlorofluoromethane	1.898	101	78667	20.980	ug/l	100
8) Diethyl Ether	2.136	74	31335	20.429	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	45733	20.859	ug/l	98
10) Methyl Iodide	2.459	142	69935	20.452	ug/l	99
11) Tert butyl alcohol	2.946	59	32456	96.582	ug/l	98
12) 1,1-Dichloroethene	2.325	96	46863	20.808	ug/l	96
13) Acrolein	2.239	56	26159	84.473	ug/l	100
14) Allyl chloride	2.666	41	94710	20.379	ug/l	97
15) Acrylonitrile	3.062	53	130143	104.554	ug/l	99
16) Acetone	2.373	43	151538	115.507	ug/l	100
17) Carbon Disulfide	2.520	76	133296	21.620	ug/l	98
18) Methyl Acetate	2.703	43	54120	18.536	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	168426	20.486	ug/l	98
20) Methylene Chloride	2.788	84	57153	20.581	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	50413	20.791	ug/l	94
22) Diisopropyl ether	3.757	45	188598	20.940	ug/l	96
23) Vinyl Acetate	3.715	43	765675	106.218	ug/l	100
24) 1,1-Dichloroethane	3.605	63	98509	20.578	ug/l	99
25) 2-Butanone	4.538	43	179487	109.679	ug/l	94
26) 2,2-Dichloropropane	4.471	77	81413	20.459	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	60865	20.497	ug/l	98
28) Bromochloromethane	4.891	49	34085	16.309	ug/l	100
29) Tetrahydrofuran	4.995	42	102935	104.560	ug/l	97
30) Chloroform	5.080	83	103586	21.413	ug/l	99
31) Cyclohexane	5.464	56	82770	20.759	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	86500	21.081	ug/l	99
36) 1,1-Dichloropropene	5.684	75	68395	20.754	ug/l	99
37) Ethyl Acetate	4.702	43	74499	21.113	ug/l	96
38) Carbon Tetrachloride	5.665	117	74636	20.844	ug/l	95
39) Methylcyclohexane	7.366	83	79499	21.251	ug/l	98
40) Benzene	6.025	78	210711	21.051	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047587.D
Acq On : 16 Sep 2025 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Sep 22 01:49:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.910	41	38525	21.148	ug/l		99
42) 1,2-Dichloroethane	6.074	62	80646	21.175	ug/l		99
43) Isopropyl Acetate	6.324	43	119623	20.670	ug/l		100
44) Trichloroethene	7.110	130	51369	21.228	ug/l		97
45) 1,2-Dichloropropane	7.415	63	53046	20.697	ug/l		97
46) Dibromomethane	7.568	93	38910	20.862	ug/l		99
47) Bromodichloromethane	7.805	83	80831	21.002	ug/l		98
48) Methyl methacrylate	7.677	41	60182	20.877	ug/l		98
49) 1,4-Dioxane	7.647	88	12047	413.530	ug/l		95
51) 4-Methyl-2-Pentanone	8.561	43	338370	105.456	ug/l		100
52) Toluene	8.708	92	129193	20.950	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	80972	20.625	ug/l		100
54) cis-1,3-Dichloropropene	8.354	75	86648	20.650	ug/l		99
55) 1,1,2-Trichloroethane	9.140	97	49857	20.967	ug/l		98
56) Ethyl methacrylate	9.104	69	79011	21.158	ug/l		99
57) 1,3-Dichloropropane	9.293	76	85511	20.934	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	141395	86.617	ug/l		100
59) 2-Hexanone	9.415	43	250007	108.488	ug/l		99
60) Dibromochloromethane	9.506	129	57994	21.167	ug/l		99
61) 1,2-Dibromoethane	9.598	107	51614	21.310	ug/l		99
64) Tetrachloroethene	9.262	164	40840	20.979	ug/l		95
65) Chlorobenzene	10.061	112	140642	20.731	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.146	131	48022	20.513	ug/l		99
67) Ethyl Benzene	10.177	91	244737	20.907	ug/l		98
68) m/p-Xylenes	10.287	106	182778	41.951	ug/l		100
69) o-Xylene	10.628	106	87651	20.799	ug/l		98
70) Styrene	10.640	104	154077	20.866	ug/l		99
71) Bromoform	10.780	173	35922	20.550	ug/l	#	98
73) Isopropylbenzene	10.945	105	225730	20.970	ug/l		99
74) N-amyl acetate	10.829	43	104823	21.354	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	68132	20.920	ug/l		99
76) 1,2,3-Trichloropropane	11.225	75	76996	26.858	ug/l		89
77) Bromobenzene	11.183	156	56161	21.183	ug/l		99
78) n-propylbenzene	11.286	91	268399	21.092	ug/l		100
79) 2-Chlorotoluene	11.347	91	166237	21.329	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	187513	21.202	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	21553	19.173	ug/l		96
82) 4-Chlorotoluene	11.439	91	193122	20.980	ug/l		100
83) tert-Butylbenzene	11.695	119	189484	20.929	ug/l		100
84) 1,2,4-Trimethylbenzene	11.738	105	191477	21.355	ug/l		98
85) sec-Butylbenzene	11.872	105	223434	20.777	ug/l		100
86) p-Isopropyltoluene	11.994	119	190931	20.972	ug/l		98
87) 1,3-Dichlorobenzene	11.951	146	103584	21.035	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	105819	20.937	ug/l		99
89) n-Butylbenzene	12.317	91	176373	20.937	ug/l		99
90) Hexachloroethane	12.518	117	32526	20.349	ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	99493	21.207	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	13729	20.821	ug/l		96
93) 1,2,4-Trichlorobenzene	13.567	180	62722	20.571	ug/l		96
94) Hexachlorobutadiene	13.707	225	20456	19.751	ug/l		98
95) Naphthalene	13.756	128	193134	20.801	ug/l		99
96) 1,2,3-Trichlorobenzene	13.938	180	58409	20.593	ug/l		100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047587.D
Acq On : 16 Sep 2025 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Sep 22 01:49:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

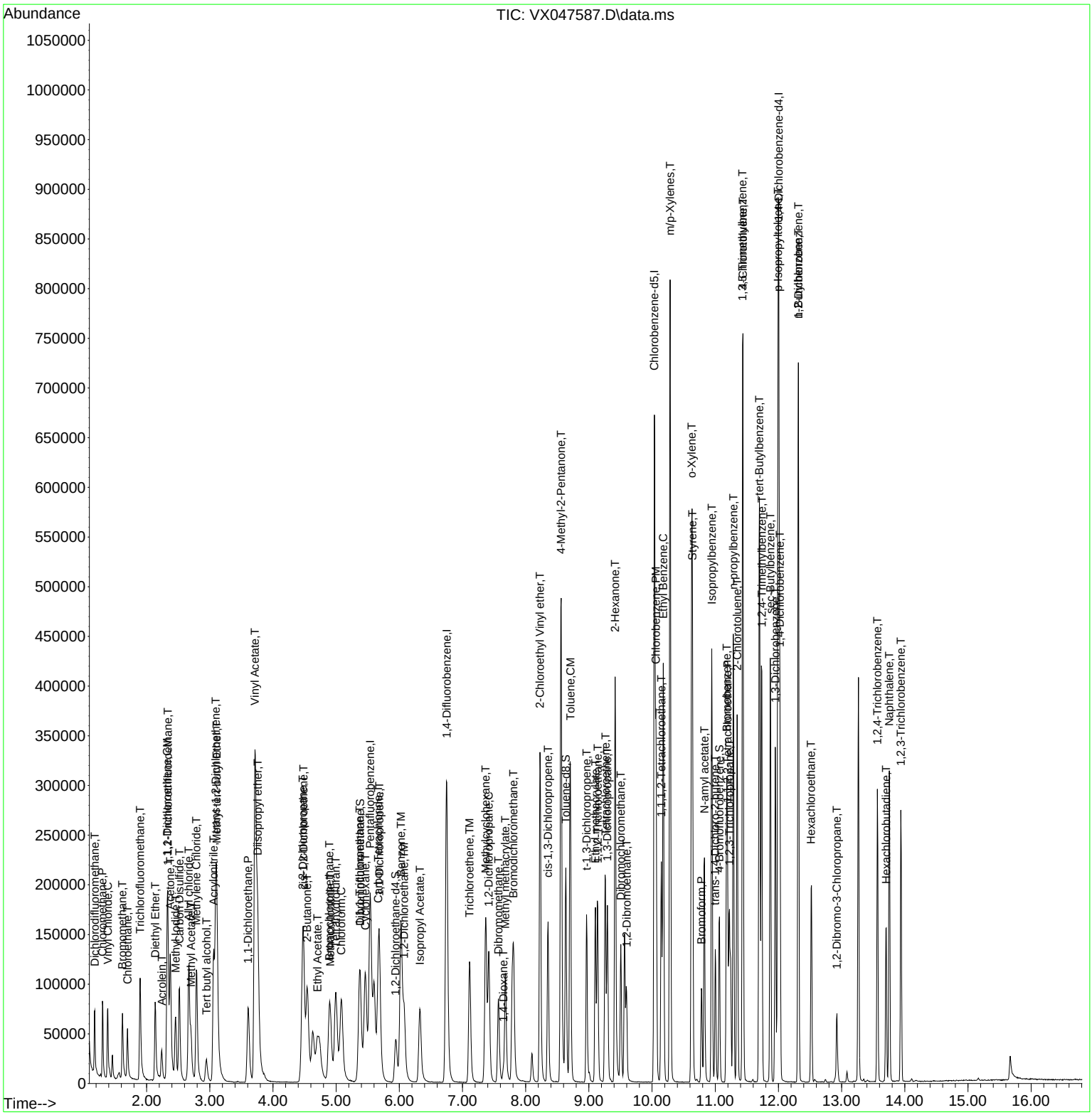
(#) = qualifier out of range (m) = manual integration (+) = signals summed

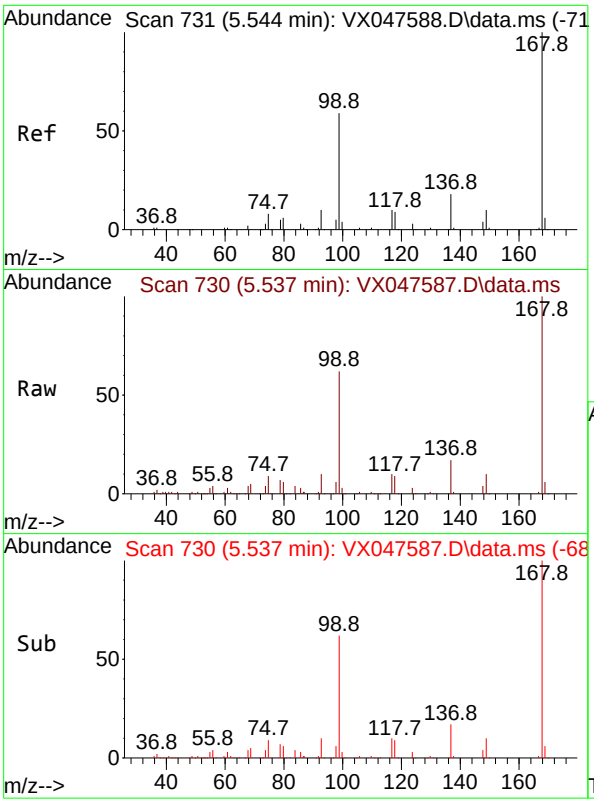
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047587.D
Acq On : 16 Sep 2025 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Sep 22 01:49:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



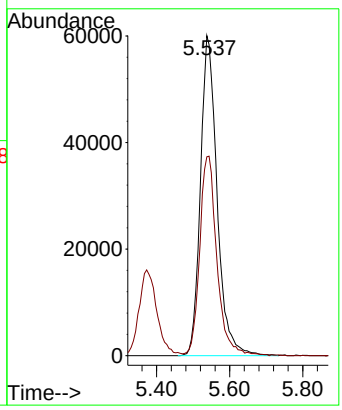


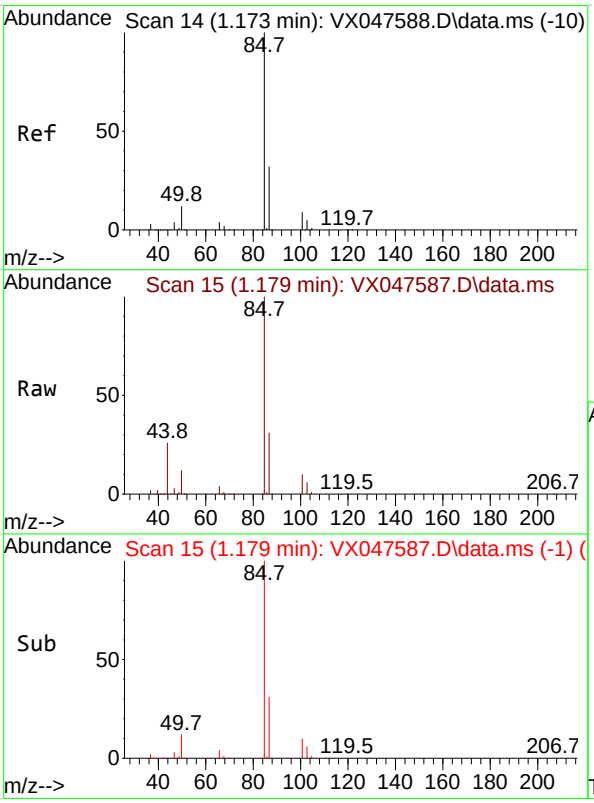
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:168 Resp: 189559

Ion	Ratio	Lower	Upper
168	100		
99	61.9	48.8	73.2

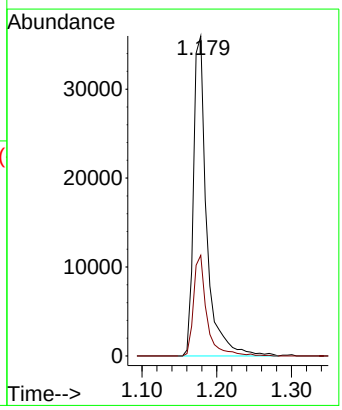


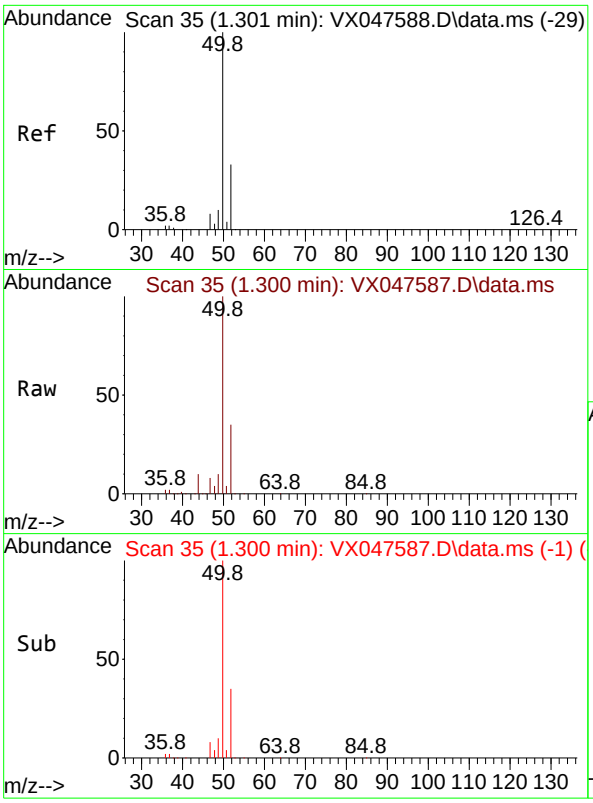


#2
Dichlorodifluoromethane
Concen: 22.480 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 85 Resp: 44126

Ion	Ratio	Lower	Upper
85	100		
87	31.5	15.8	47.3



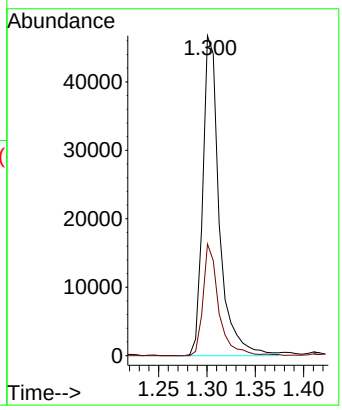


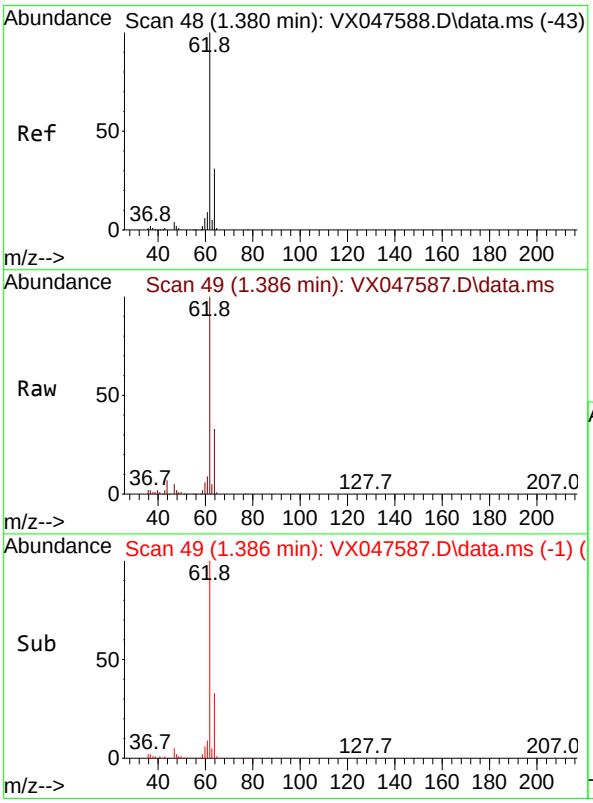
#3
Chloromethane
Concen: 21.716 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 56023

Ion	Ratio	Lower	Upper
50	100		
52	34.9	26.1	39.1

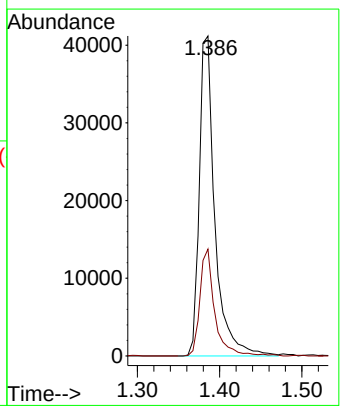


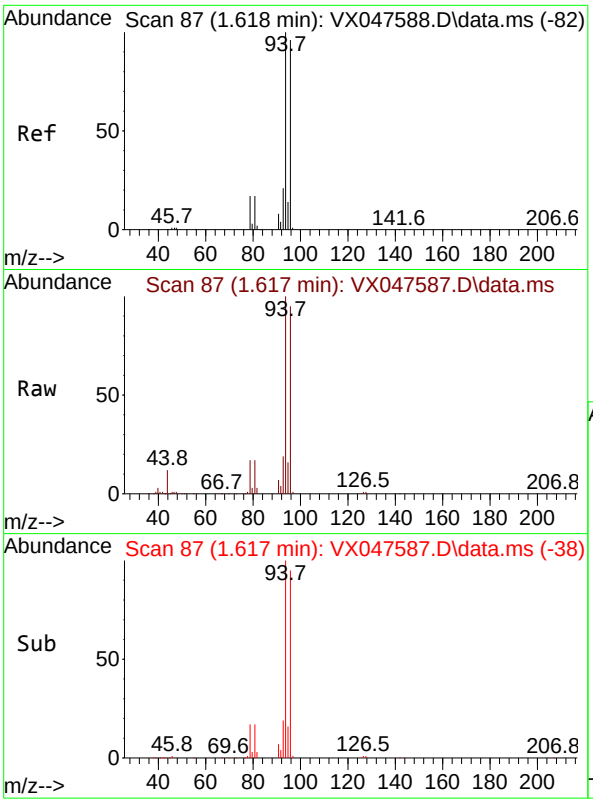


#4
Vinyl Chloride
Concen: 21.485 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 62 Resp: 54256

Ion	Ratio	Lower	Upper
62	100		
64	33.4	24.9	37.3



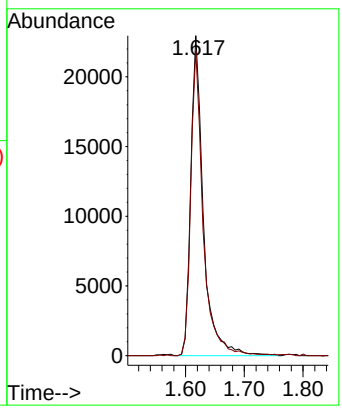


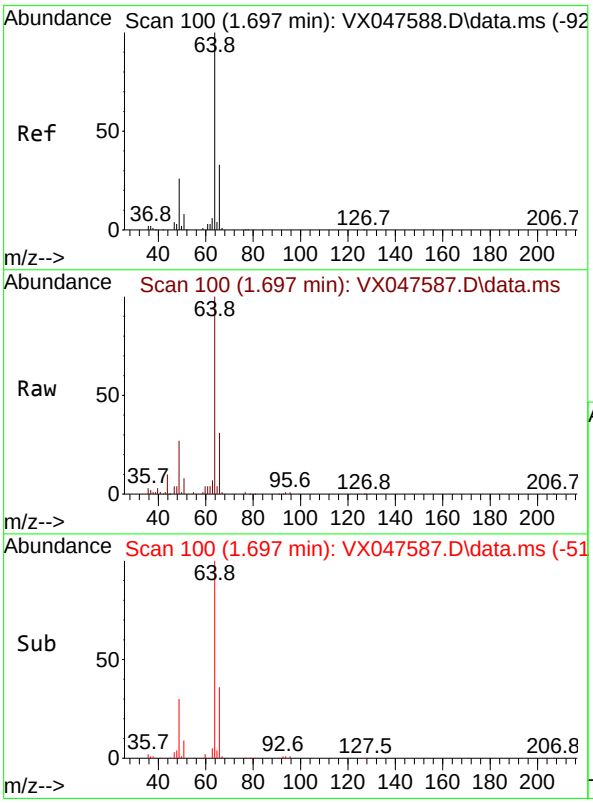
#5
Bromomethane
Concen: 21.353 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 34193

Ion	Ratio	Lower	Upper
94	100		
96	95.3	76.6	115.0

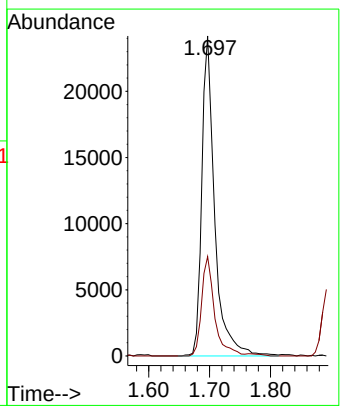


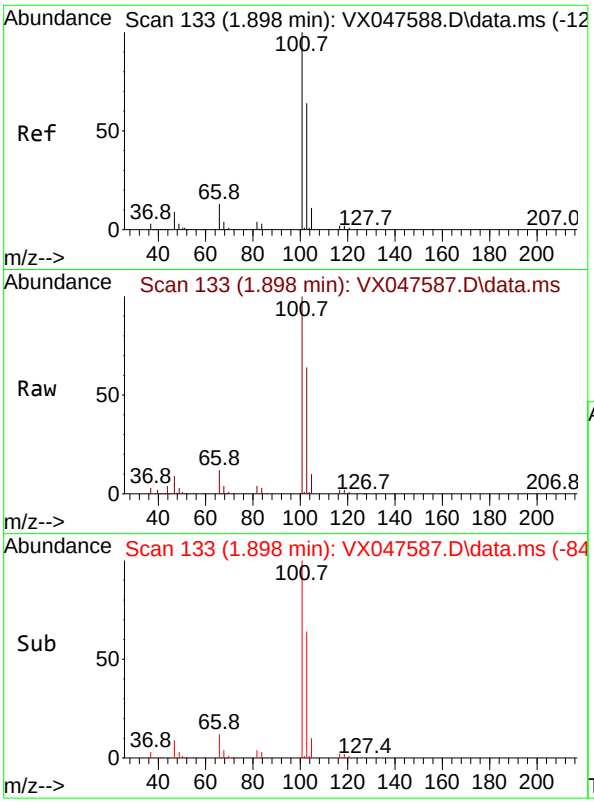


#6
Chloroethane
Concen: 21.063 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 64 Resp: 35551

Ion	Ratio	Lower	Upper
64	100		
66	31.0	26.1	39.1



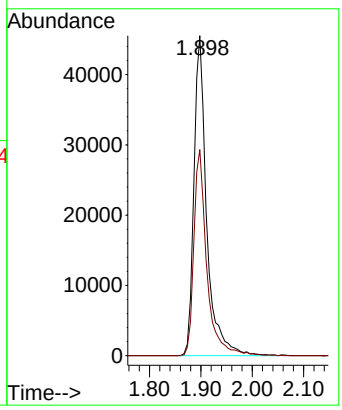


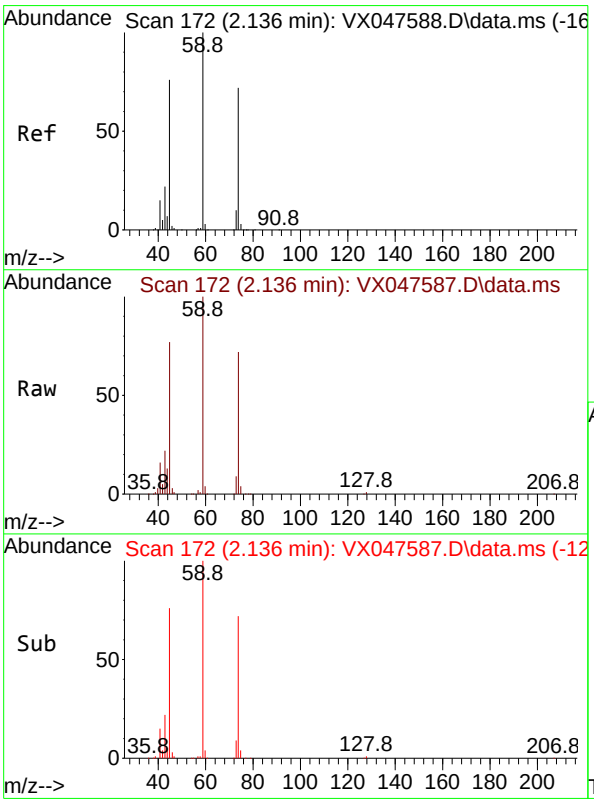
#7
Trichlorofluoromethane
Concen: 20.980 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 78667

Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.4	77.2

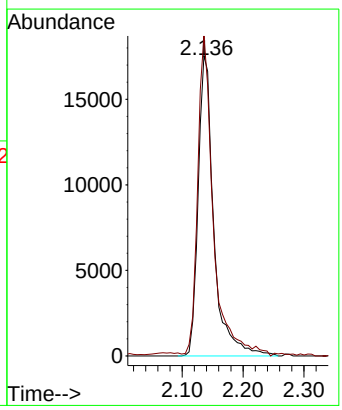


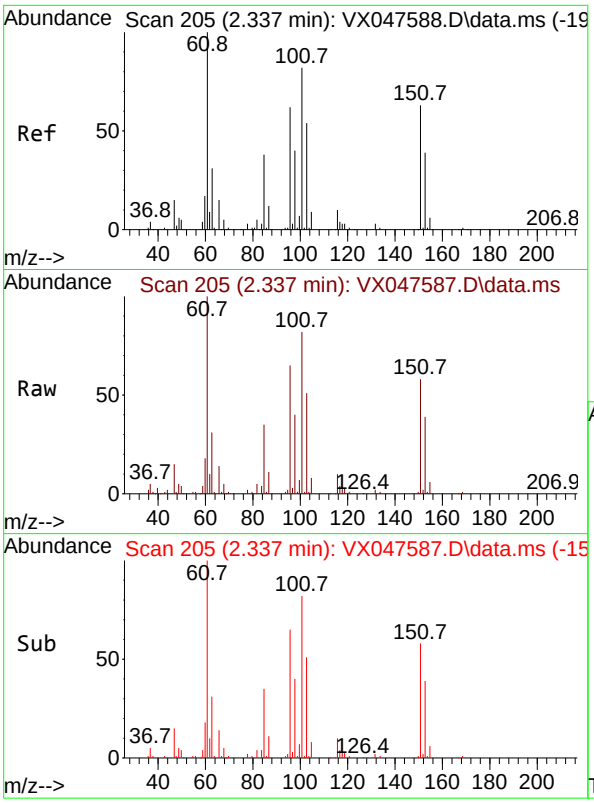


#8
Diethyl Ether
Concen: 20.429 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 74 Resp: 31335

Ion	Ratio	Lower	Upper
74	100		
45	107.0	52.3	156.8



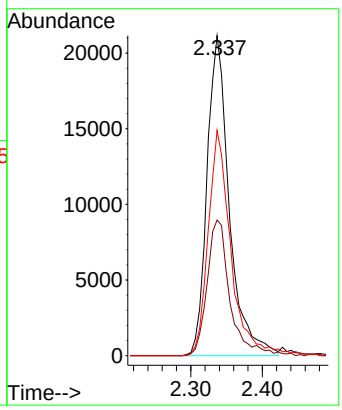


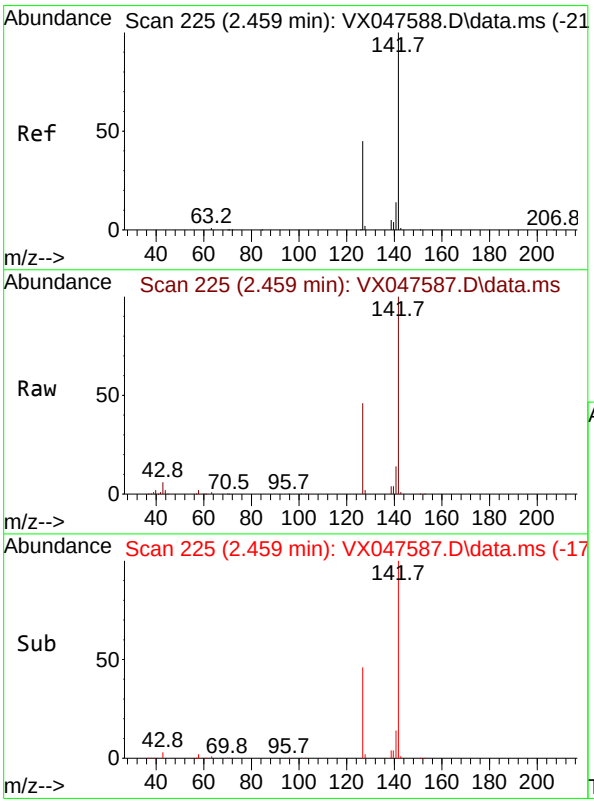
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.859 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 45733

Ion	Ratio	Lower	Upper
101	100		
85	43.6	35.5	53.3
151	72.1	59.4	89.0

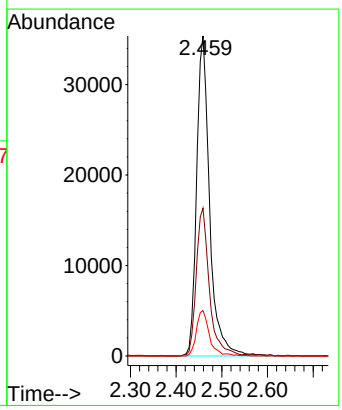


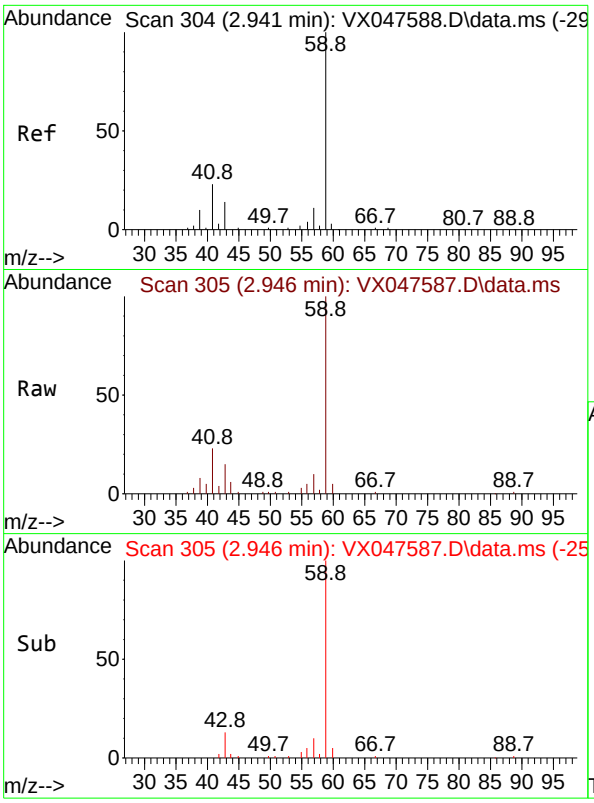


#10
Methyl Iodide
Concen: 20.452 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:142 Resp: 69935

Ion	Ratio	Lower	Upper
142	100		
127	46.9	37.2	55.8
141	14.3	11.4	17.0



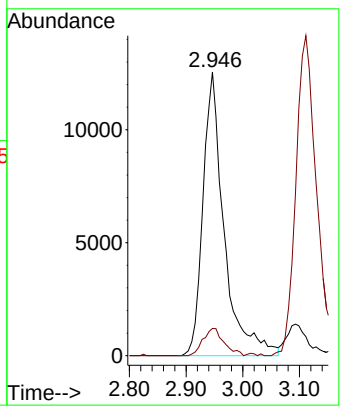


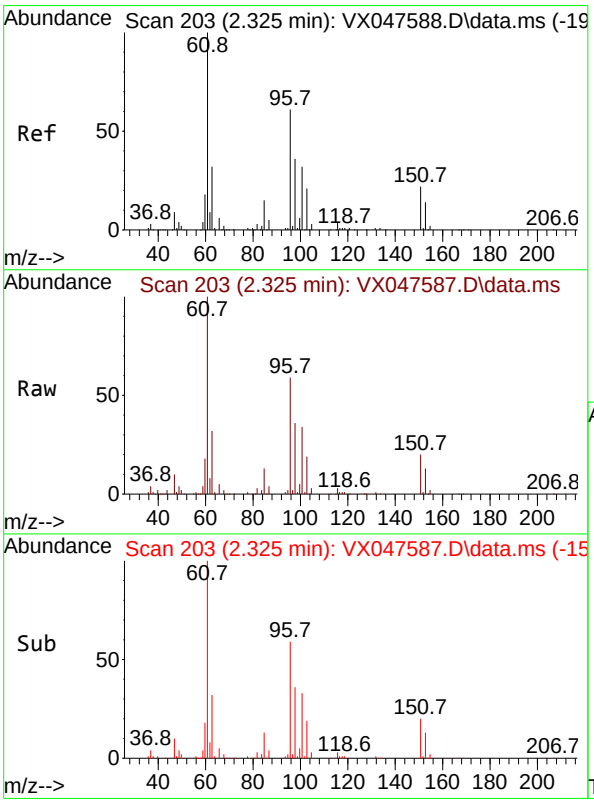
#11
Tert butyl alcohol
Concen: 96.582 ug/l
RT: 2.946 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 32456

Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.3	12.5

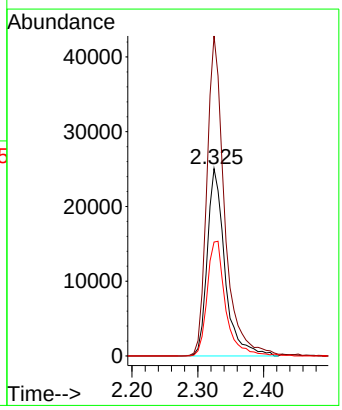


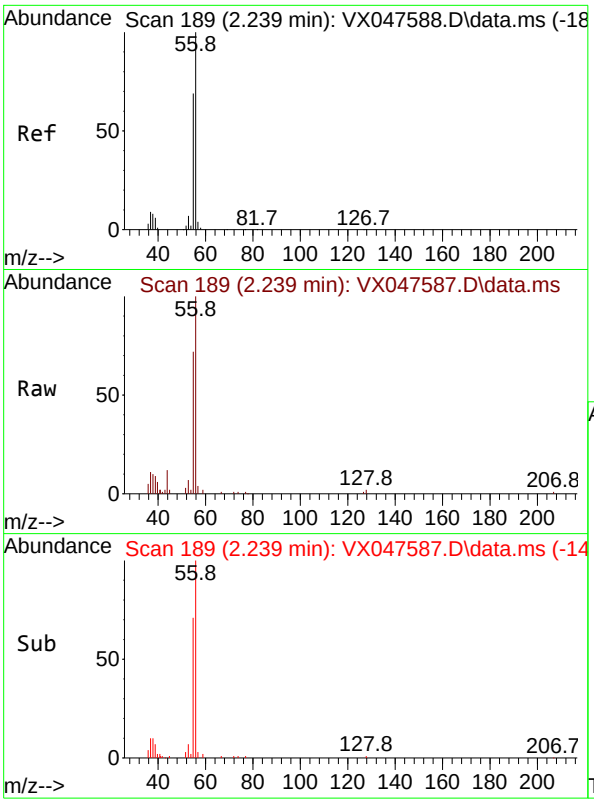


#12
1,1-Dichloroethene
Concen: 20.808 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 96 Resp: 46863

Ion	Ratio	Lower	Upper
96	100		
61	170.7	131.0	196.6
98	60.8	47.7	71.5



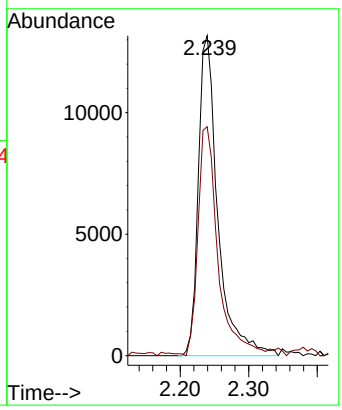


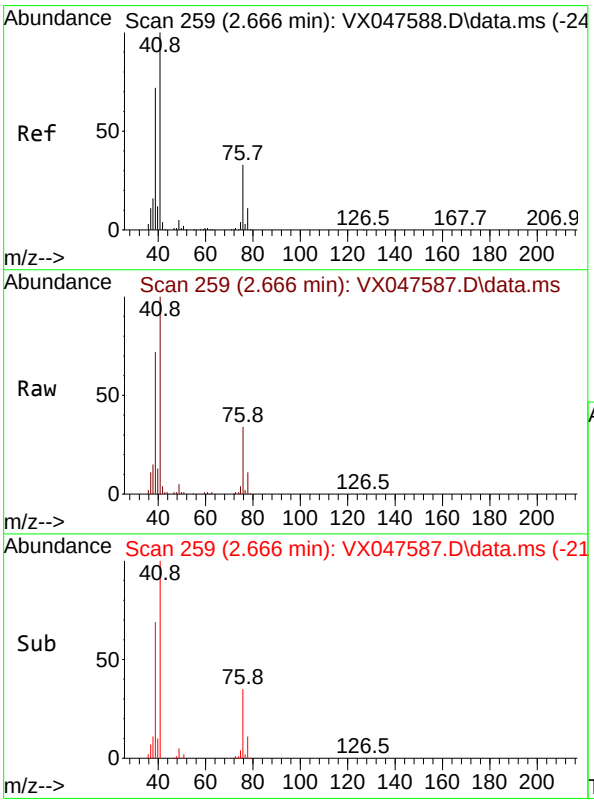
#13
Acrolein
Concen: 84.473 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 26159

Ion	Ratio	Lower	Upper
56	100		
55	71.5	57.2	85.8

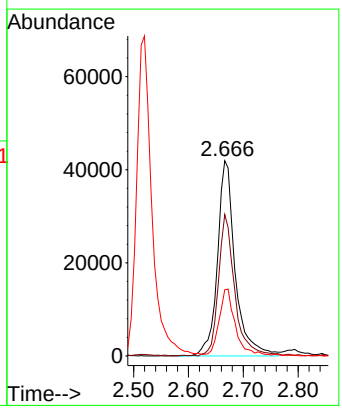


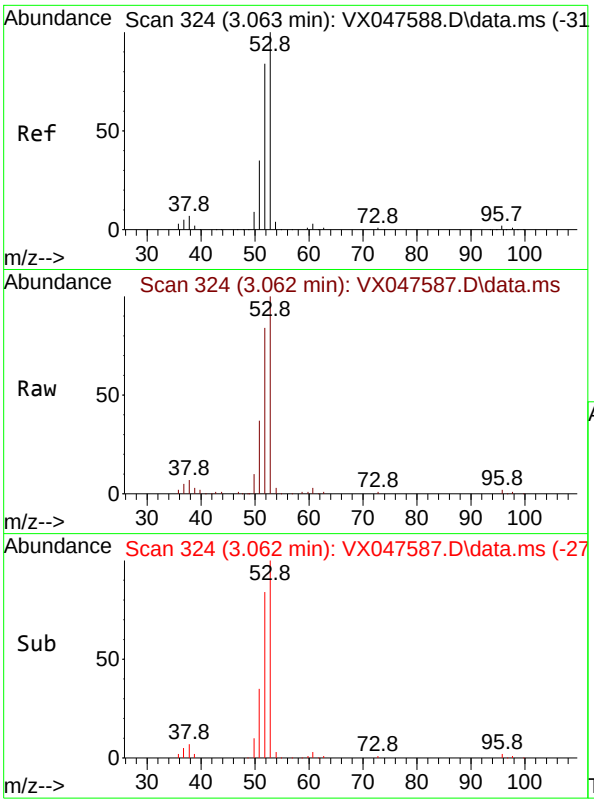


#14
Allyl chloride
Concen: 20.379 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 41 Resp: 94710

Ion	Ratio	Lower	Upper
41	100		
39	65.5	54.7	82.1
76	30.3	25.7	38.5



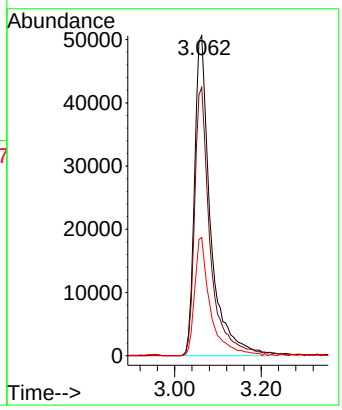


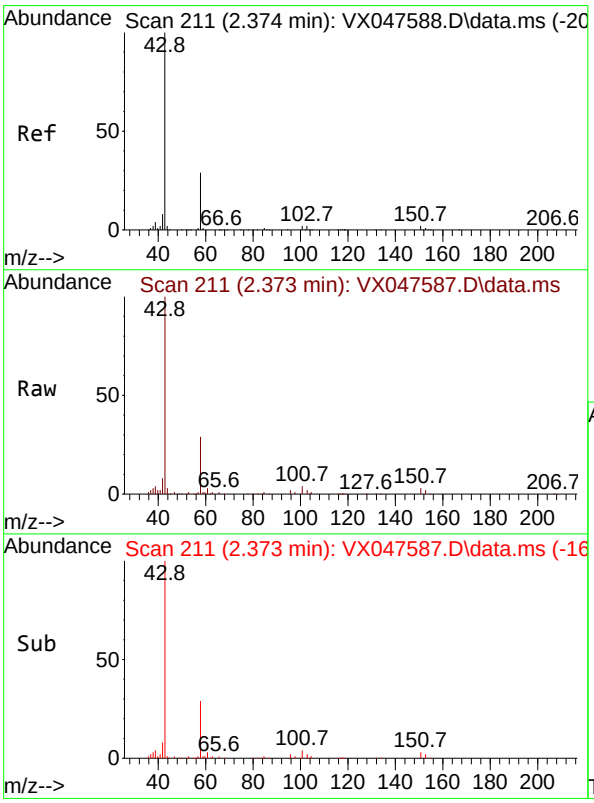
#15
Acrylonitrile
Concen: 104.554 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 130143

Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.4	99.6
51	36.2	29.5	44.3

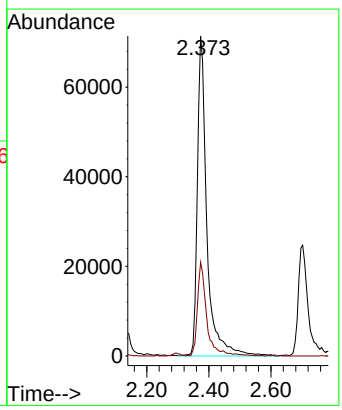


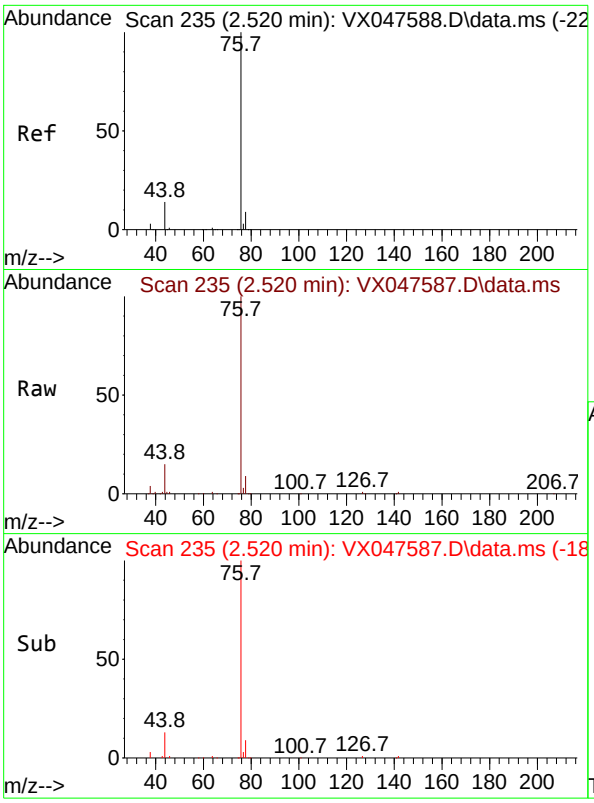


#16
Acetone
Concen: 115.507 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 151538

Ion	Ratio	Lower	Upper
43	100		
58	29.3	23.4	35.0



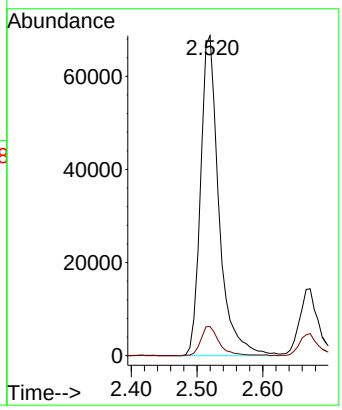


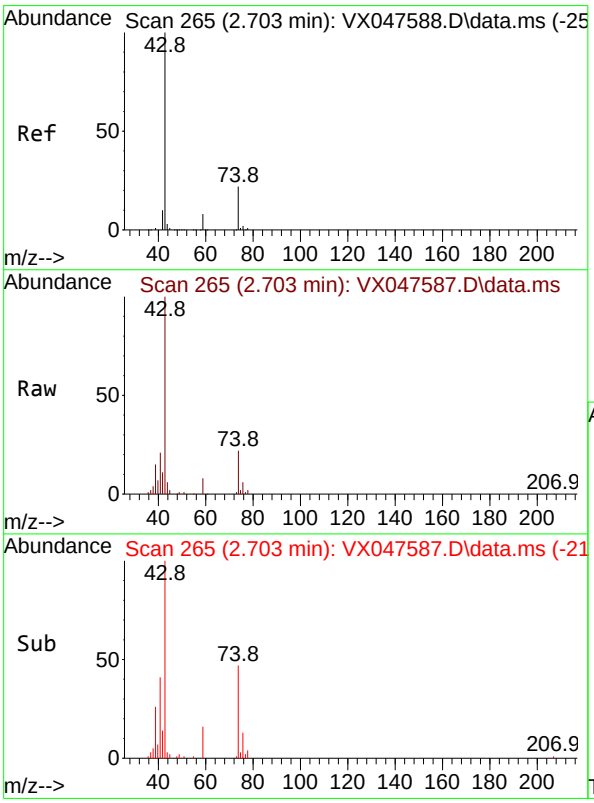
#17
Carbon Disulfide
Concen: 21.620 ug/l
RT: 2.520 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 133296

Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.8	10.2

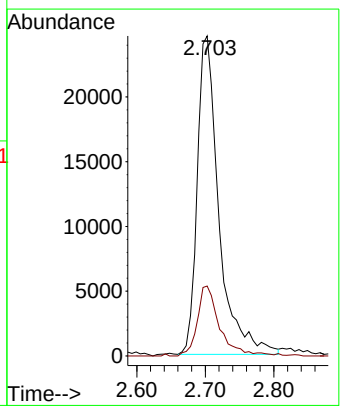


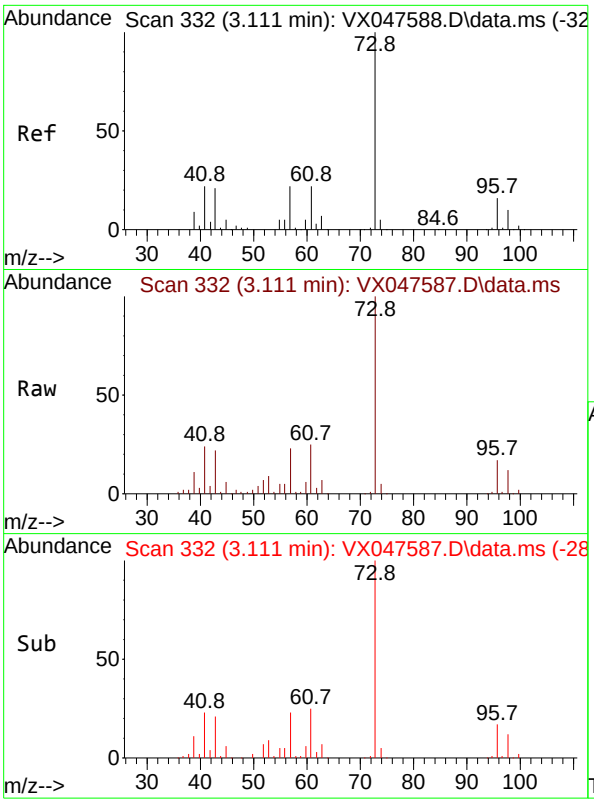


#18
Methyl Acetate
Concen: 18.536 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 54120

Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.4	26.2



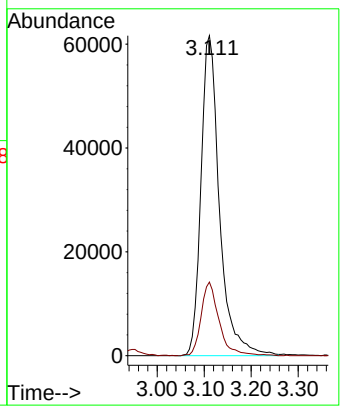


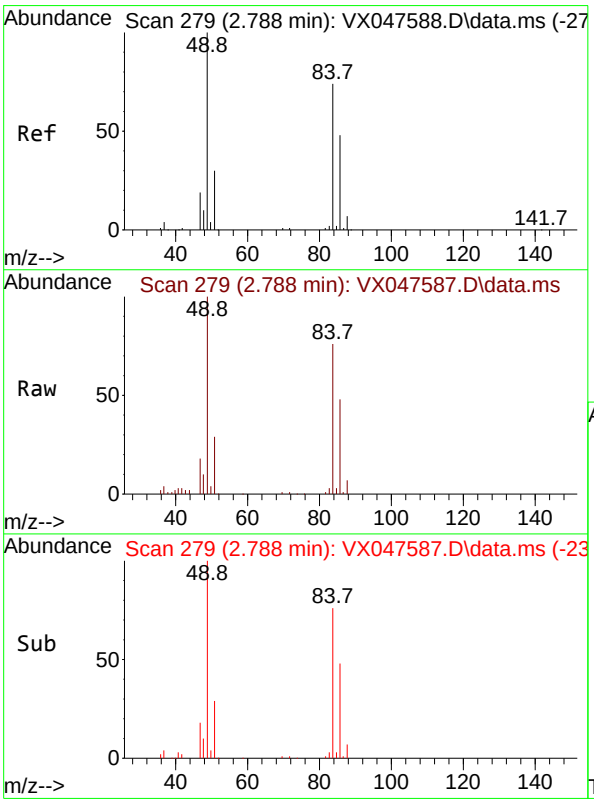
#19
Methyl tert-butyl Ether
Concen: 20.486 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 168426

Ion	Ratio	Lower	Upper
73	100		
57	23.0	17.4	26.2

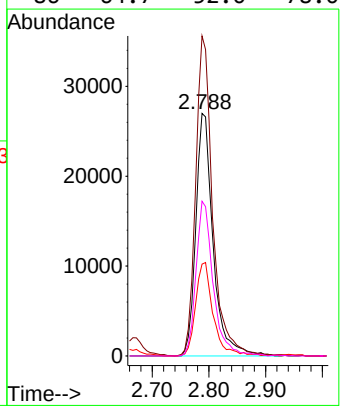


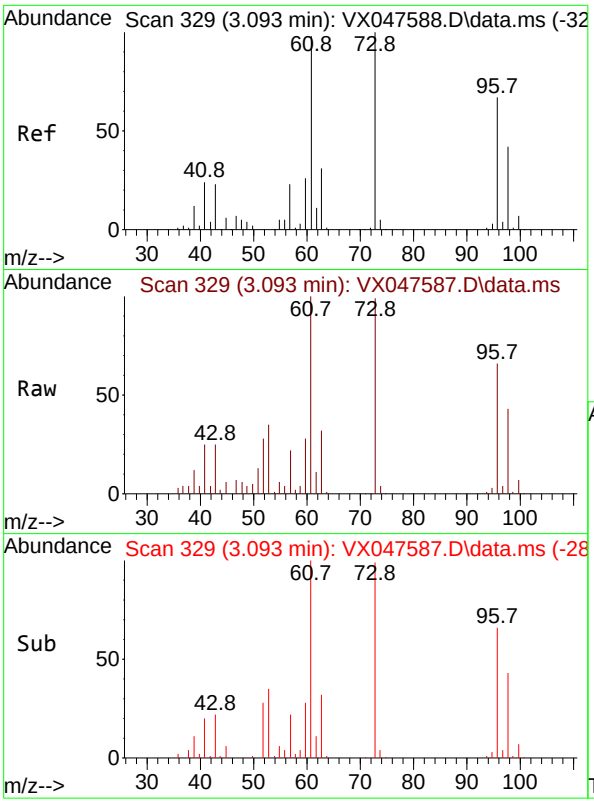


#20
Methylene Chloride
Concen: 20.581 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 84 Resp: 57153

Ion	Ratio	Lower	Upper
84	100		
49	131.7	108.6	162.8
51	37.9	32.6	48.8
86	64.7	52.0	78.0



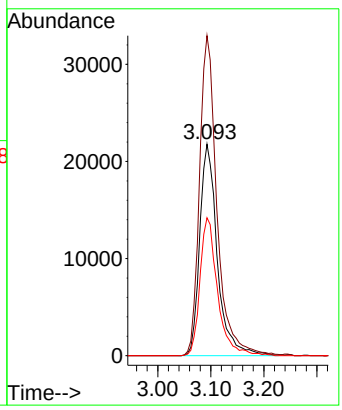


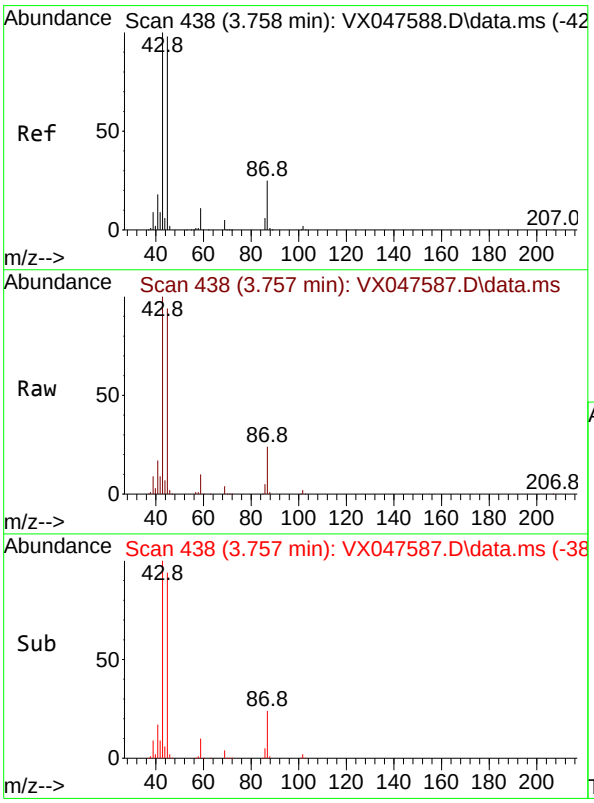
#21
trans-1,2-Dichloroethene
Concen: 20.791 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 50413

Ion	Ratio	Lower	Upper
96	100		
61	151.3	116.2	174.2
98	67.2	49.3	73.9

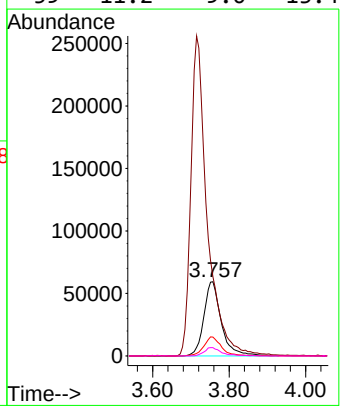


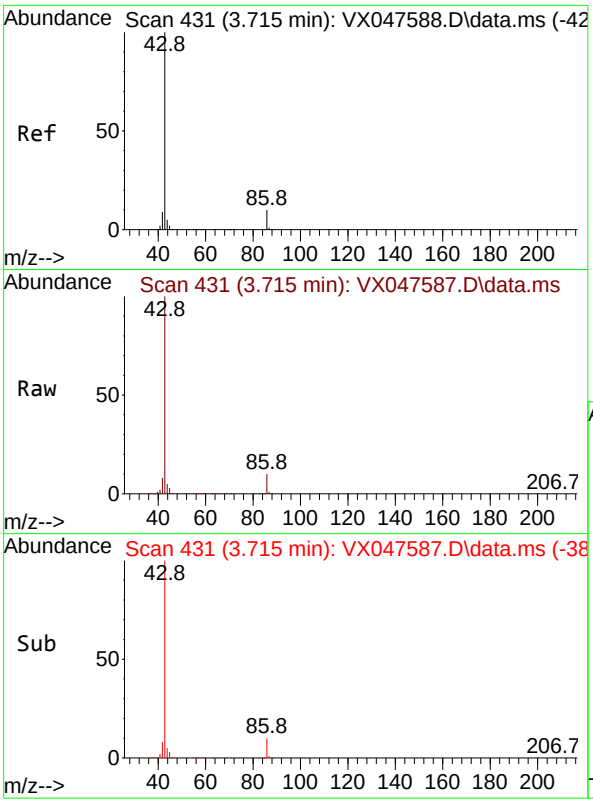


#22
Diisopropyl ether
Concen: 20.940 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 45 Resp: 188598

Ion	Ratio	Lower	Upper
45	100		
43	106.1	81.0	121.4
87	25.5	20.3	30.5
59	11.2	9.0	13.4



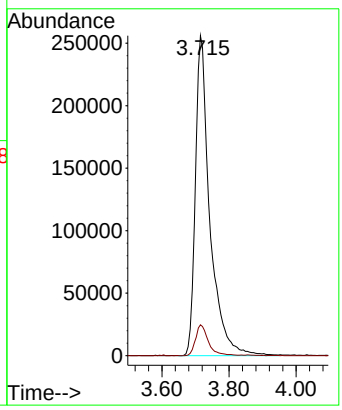


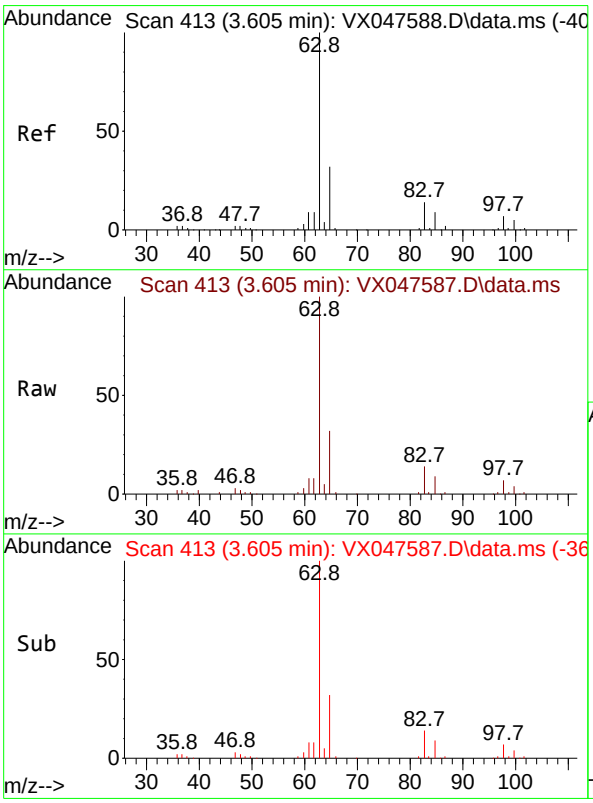
#23
Vinyl Acetate
Concen: 106.218 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 765675

Ion	Ratio	Lower	Upper
43	100		
86	9.6	7.8	11.8

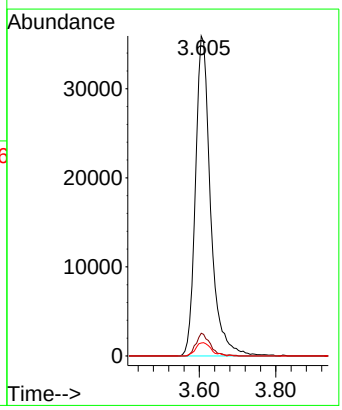


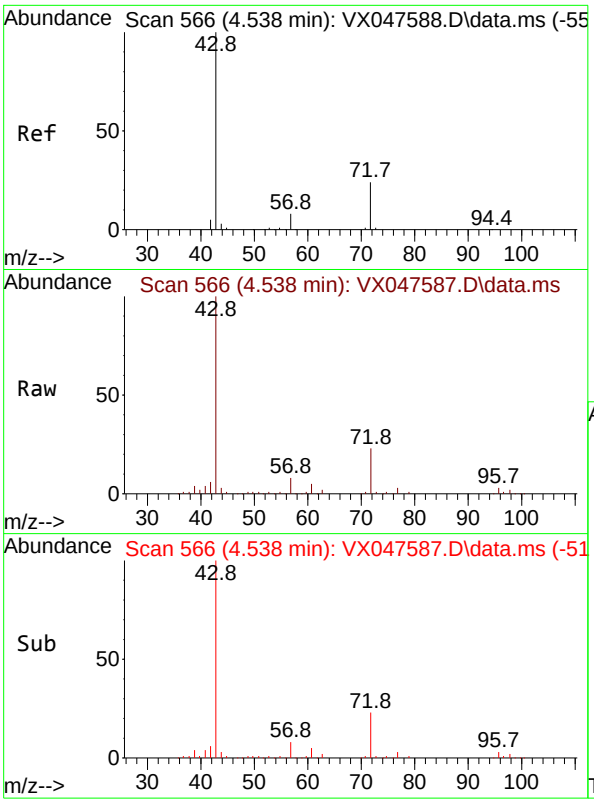


#24
1,1-Dichloroethane
Concen: 20.578 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 63 Resp: 98509

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.8	11.2
100	4.1	2.3	6.9



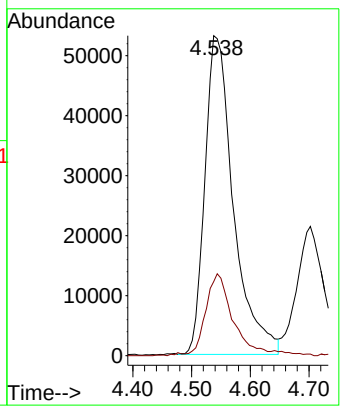


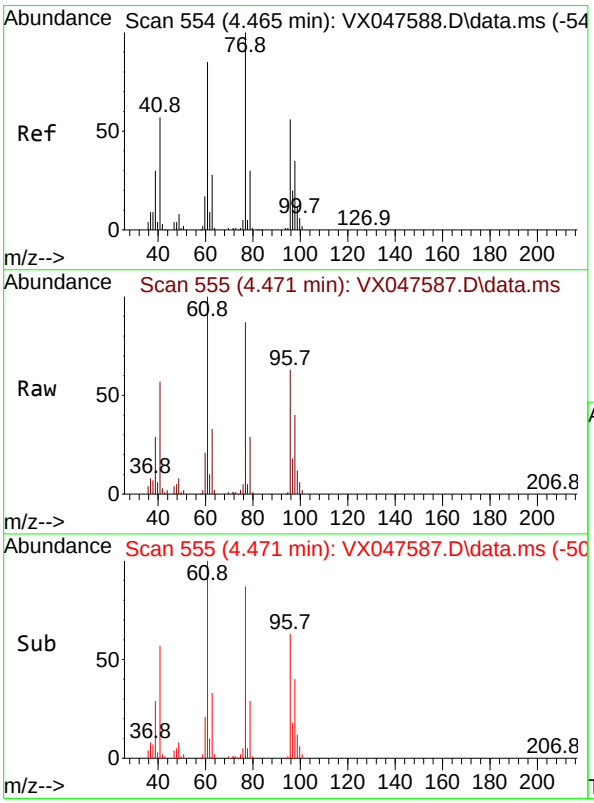
#25
2-Butanone
Concen: 109.679 ug/l
RT: 4.538 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 179487

Ion	Ratio	Lower	Upper
43	100		
72	22.3	20.1	30.1

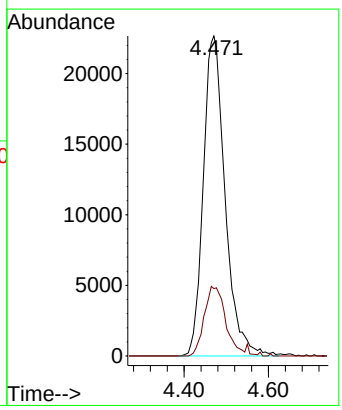


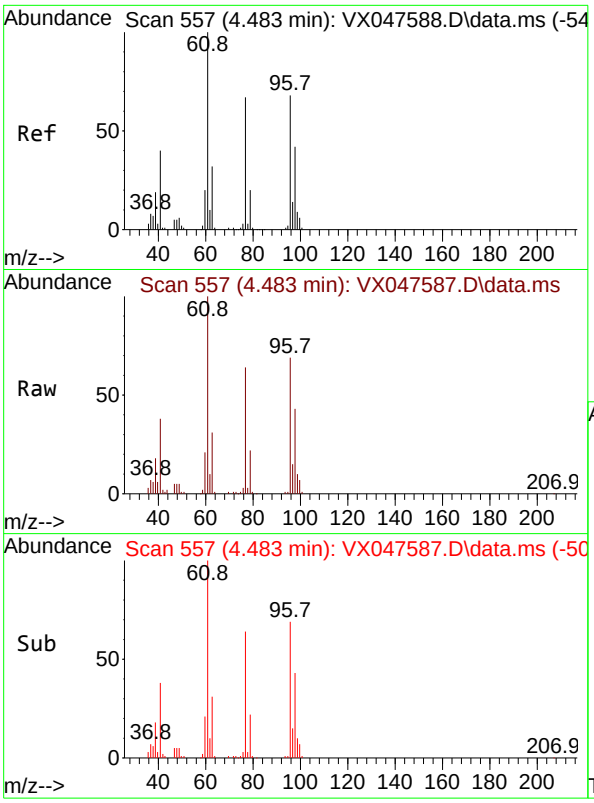


#26
2,2-Dichloropropane
Concen: 20.459 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 77 Resp: 81413

Ion	Ratio	Lower	Upper
77	100		
97	21.2	10.9	32.7



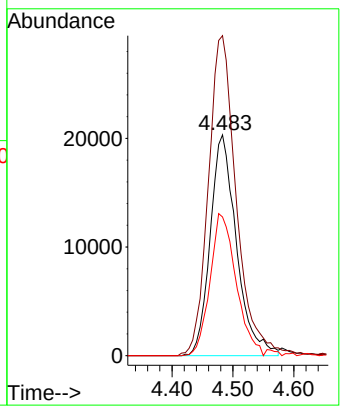


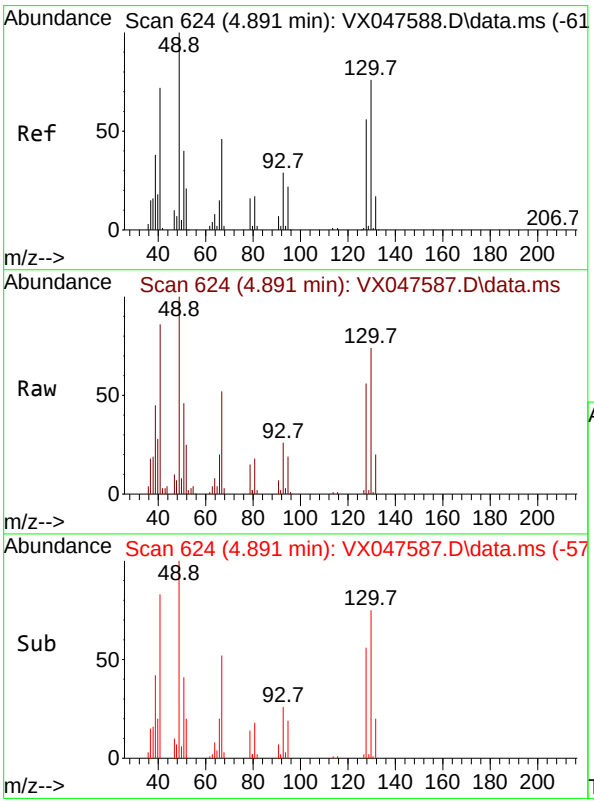
#27
cis-1,2-Dichloroethene
Concen: 20.497 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 60865

Ion	Ratio	Lower	Upper
96	100		
61	154.8	0.0	303.2
98	63.7	0.0	127.8

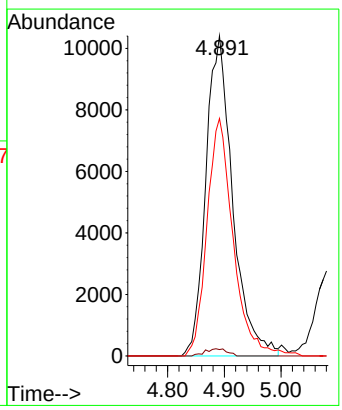


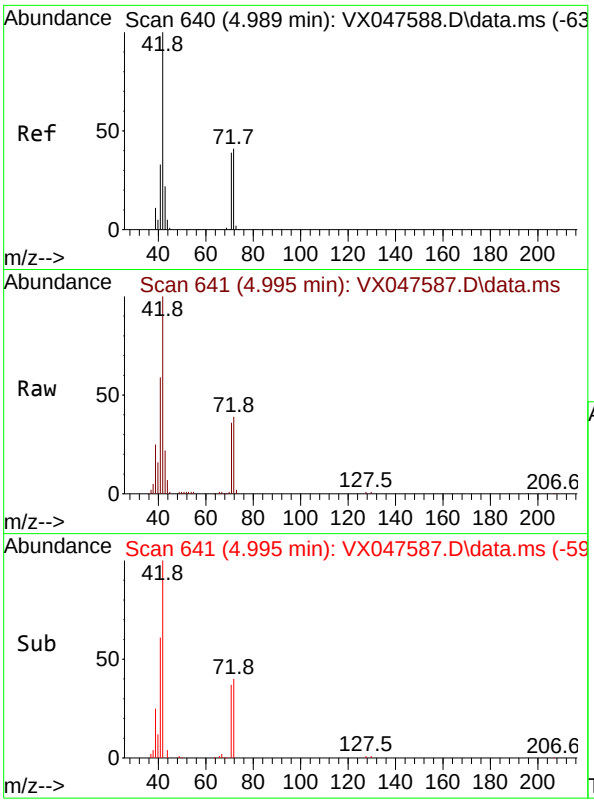


#28
Bromochloromethane
Concen: 16.309 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 49 Resp: 34085

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.2
130	72.7	57.8	86.8



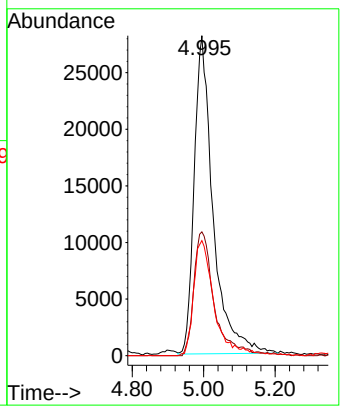


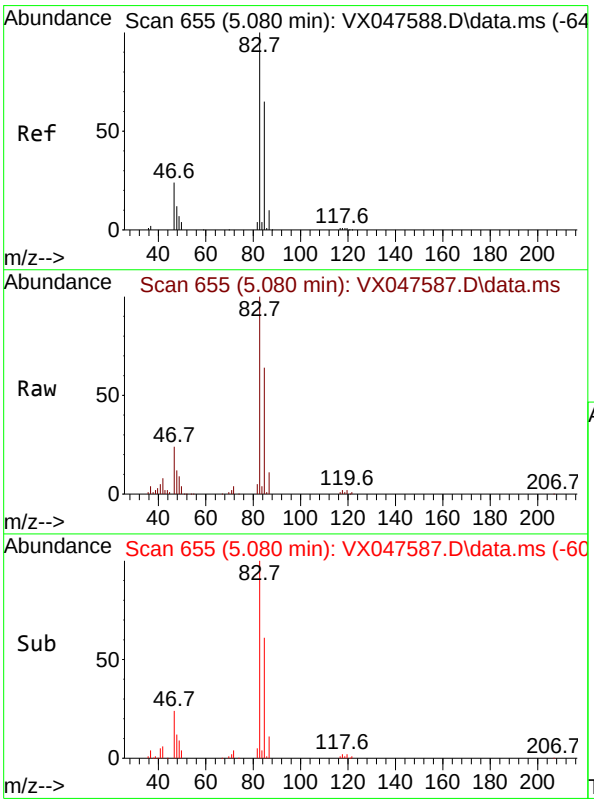
#29
Tetrahydrofuran
Concen: 104.560 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 42 Resp: 102935

Ion	Ratio	Lower	Upper
42	100		
72	41.5	34.2	51.2
71	37.8	31.9	47.9

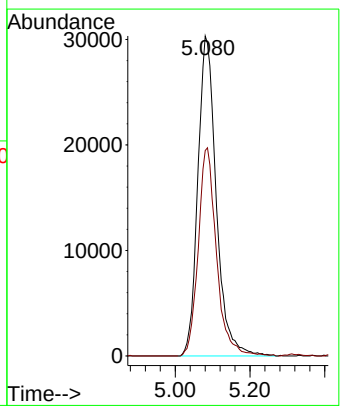


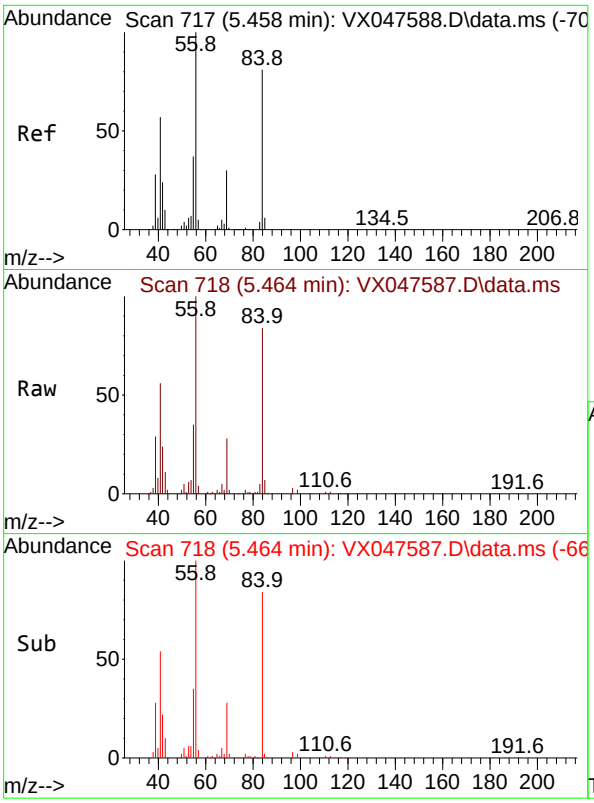


#30
Chloroform
Concen: 21.413 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 83 Resp: 103586

Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.8	77.6



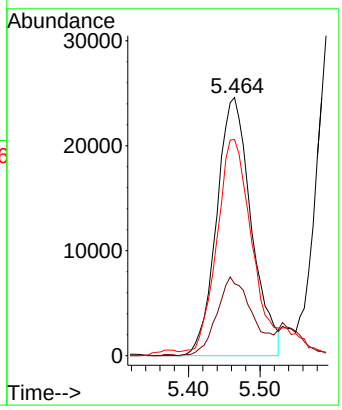


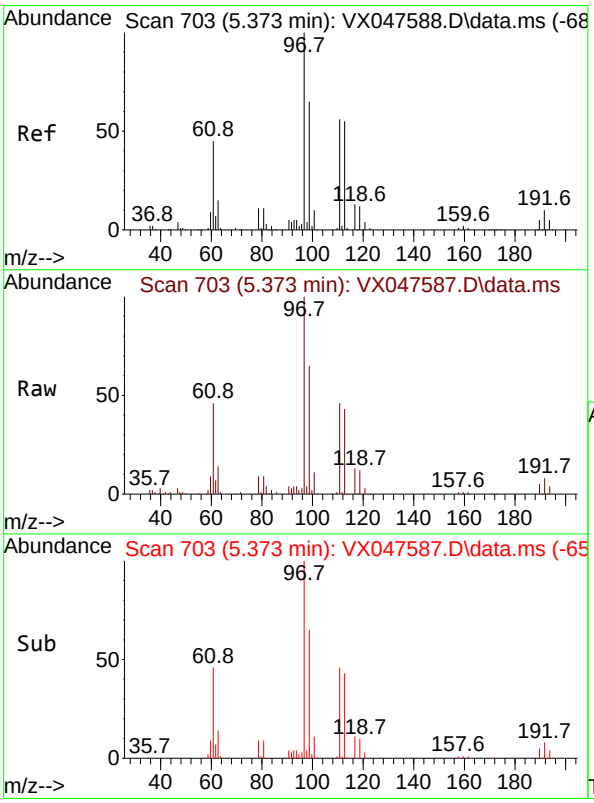
#31
Cyclohexane
Concen: 20.759 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 82770

Ion	Ratio	Lower	Upper
56	100		
69	27.9	23.8	35.8
84	82.2	64.6	97.0

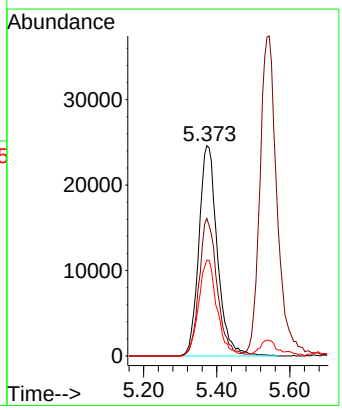


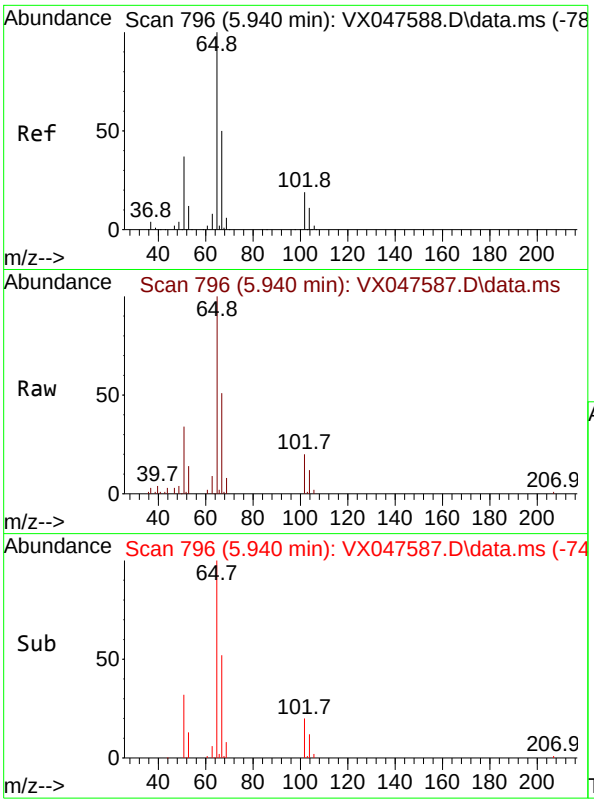


#32
1,1,1-Trichloroethane
Concen: 21.081 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 97 Resp: 86500

Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.6	76.0
61	45.5	35.8	53.8



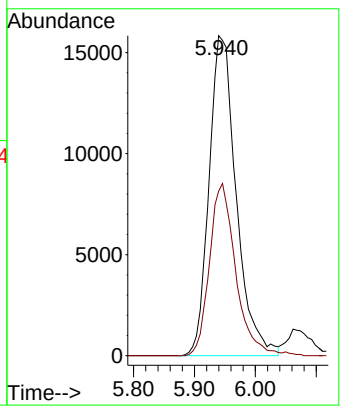


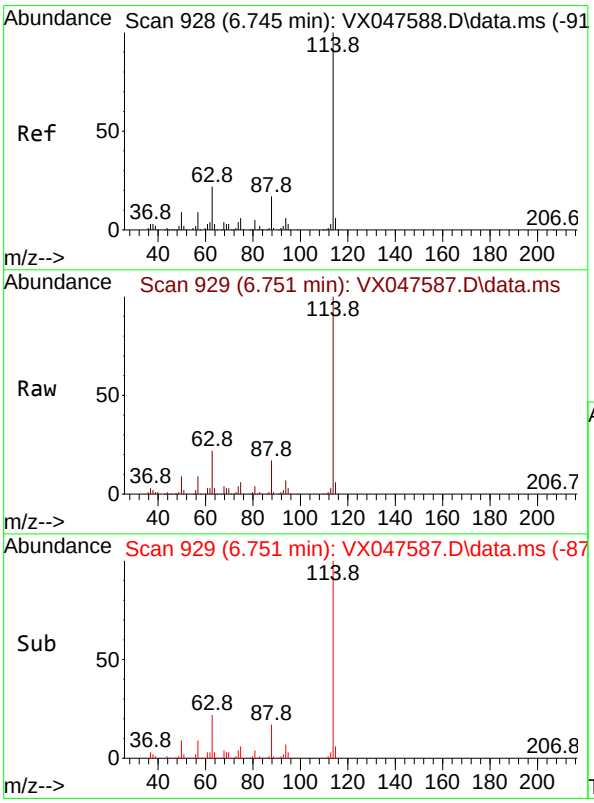
#33
1,2-Dichloroethane-d4
Concen: 16.264 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 65 Resp: 49073

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	103.0

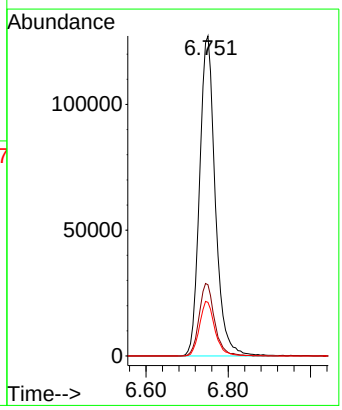


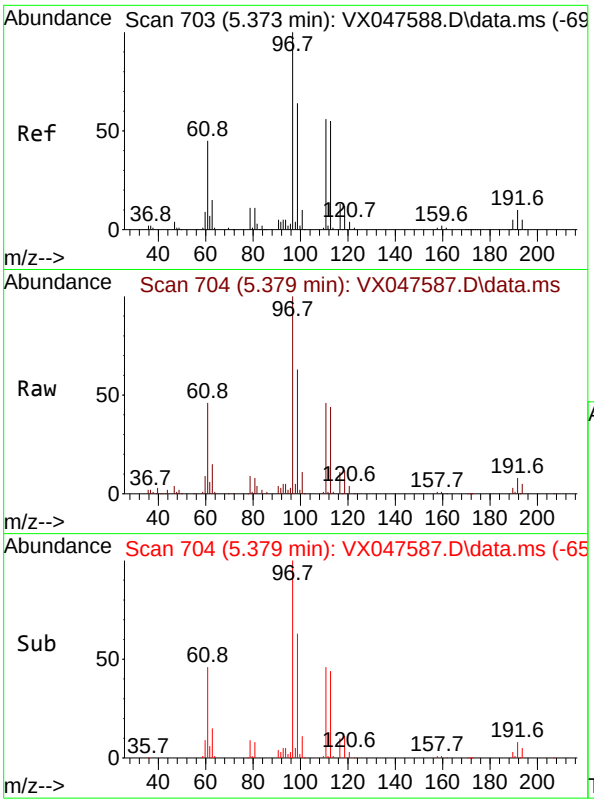


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:114 Resp: 336287

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.0
88	16.8	0.0	34.2



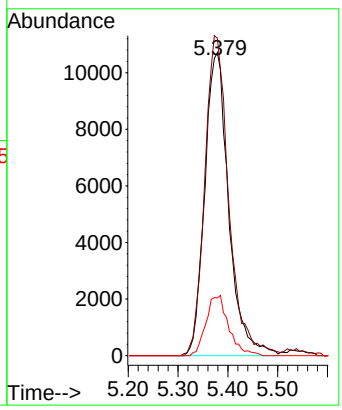


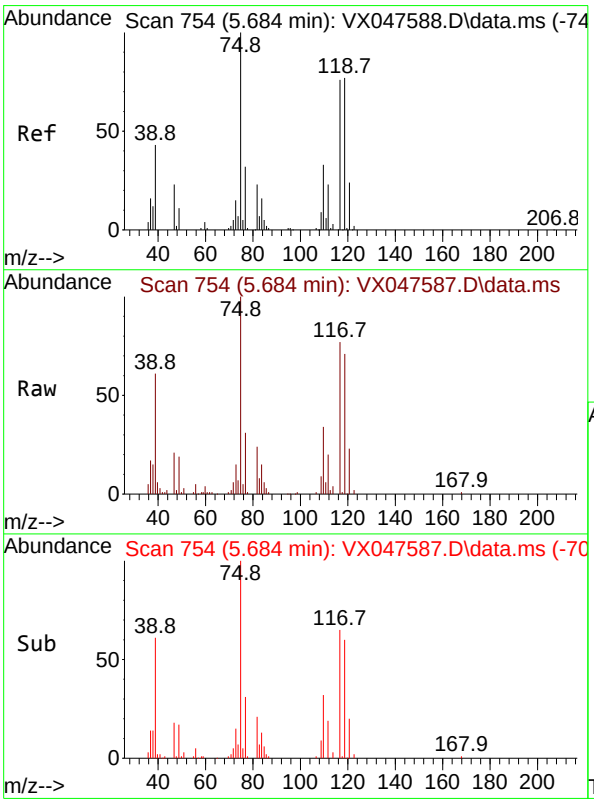
#35
Dibromofluoromethane
Concen: 15.868 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:113 Resp: 35788

Ion	Ratio	Lower	Upper
113	100		
111	105.7	80.9	121.3
192	18.8	14.2	21.4

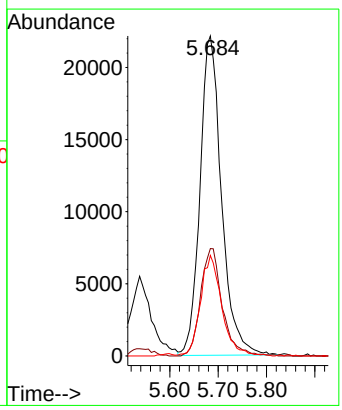


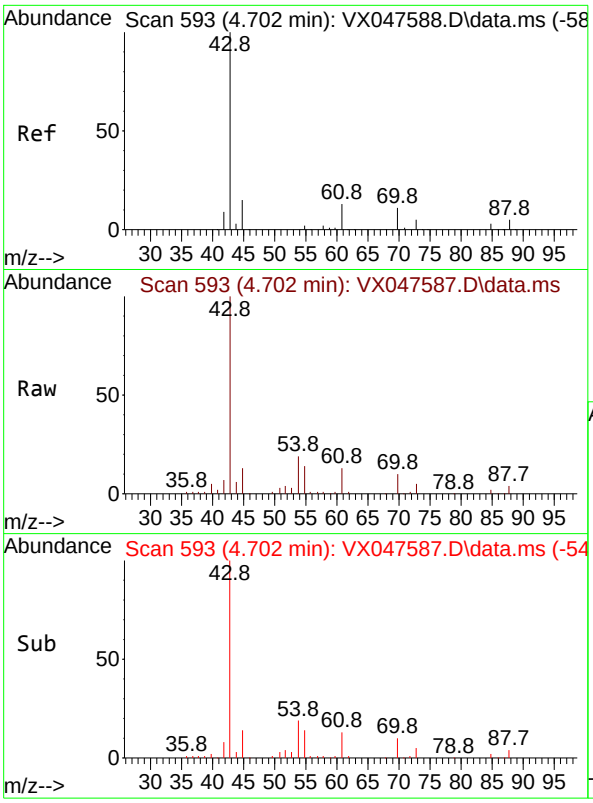


#36
1,1-Dichloropropene
Concen: 20.754 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 75 Resp: 68395

Ion	Ratio	Lower	Upper
75	100		
110	33.9	16.7	50.1
77	31.2	24.3	36.5



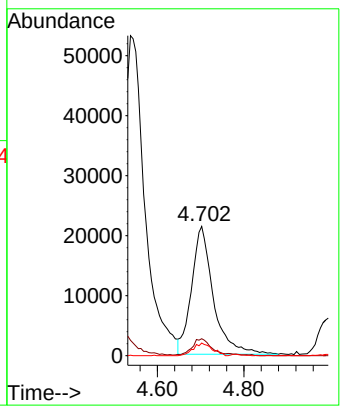


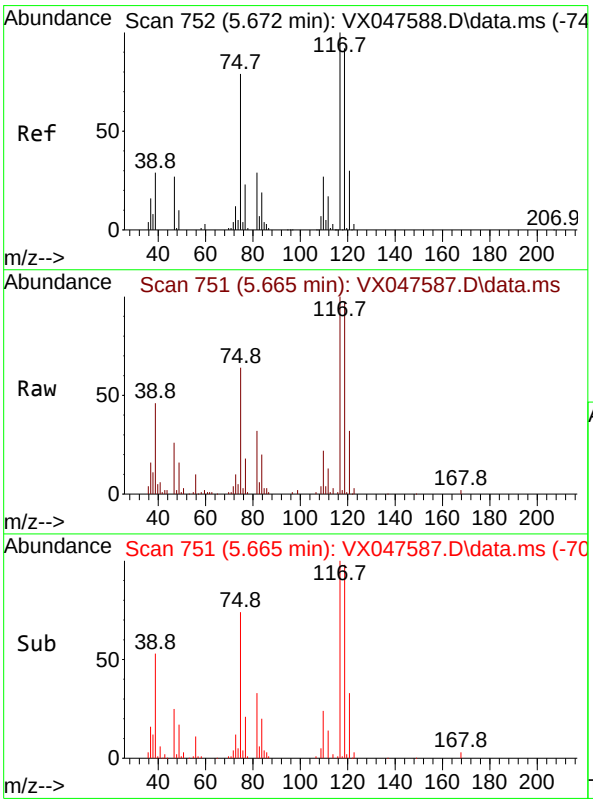
#37
Ethyl Acetate
Concen: 21.113 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 74499

Ion	Ratio	Lower	Upper
43	100		
61	10.8	9.8	14.8
70	8.5	7.9	11.9

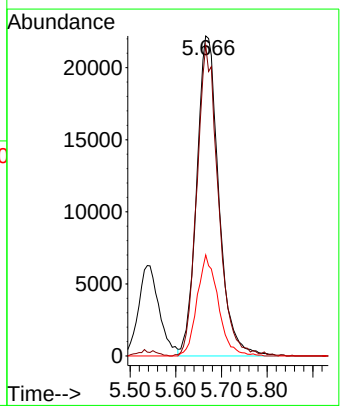


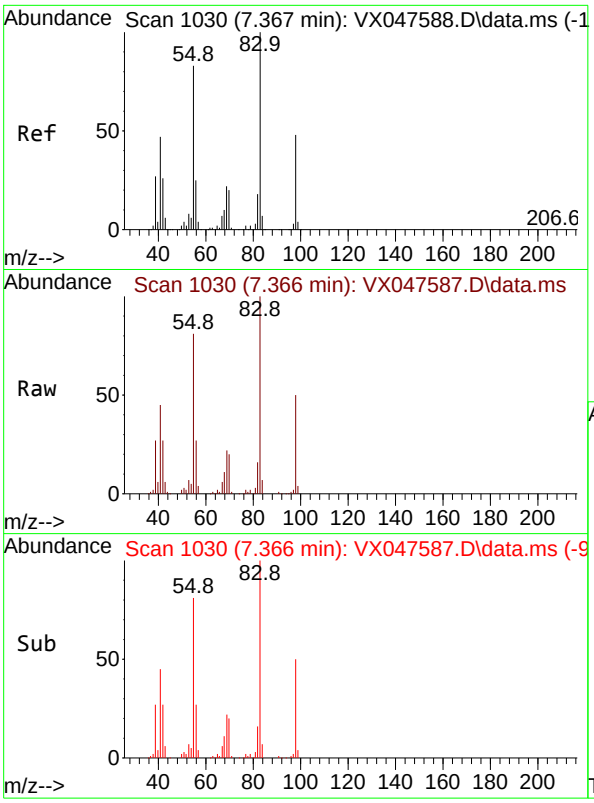


#38
Carbon Tetrachloride
Concen: 20.844 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:117 Resp: 74636

Ion	Ratio	Lower	Upper
117	100		
119	96.9	73.4	110.2
121	31.6	23.8	35.6



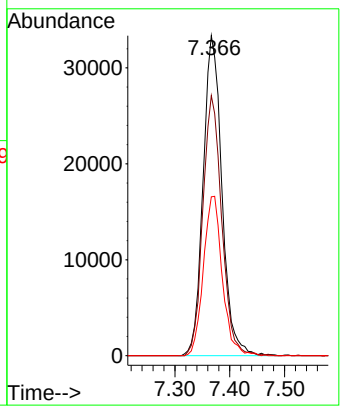


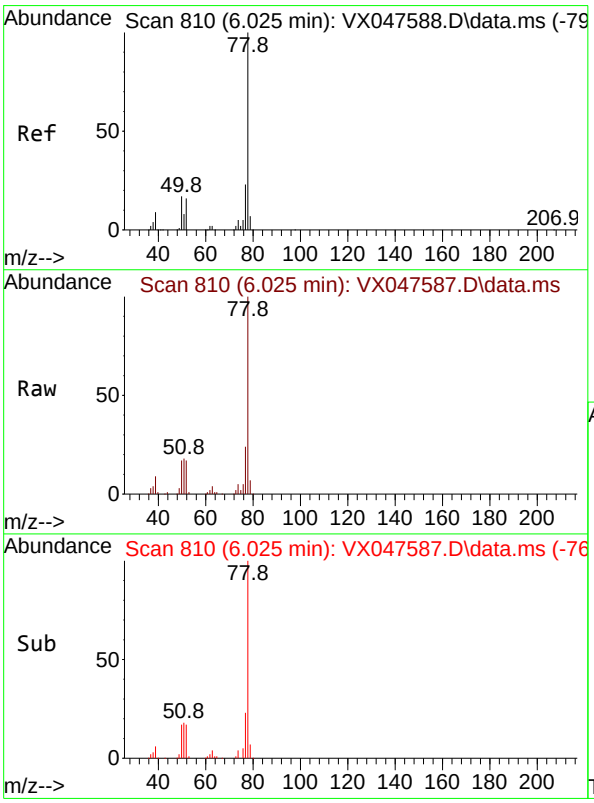
#39
Methylcyclohexane
Concen: 21.251 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 79499

Ion	Ratio	Lower	Upper
83	100		
55	81.2	66.4	99.6
98	49.6	38.1	57.1

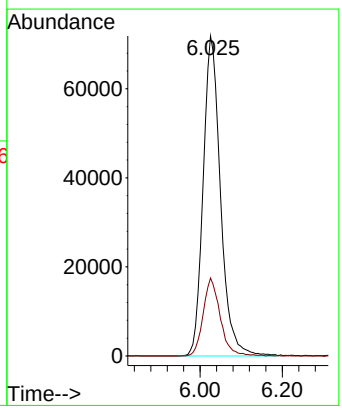


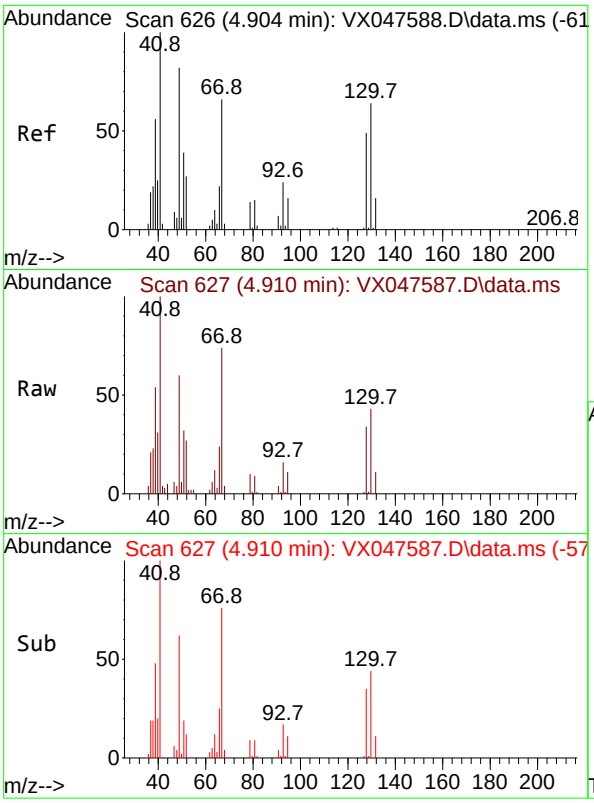


#40
Benzene
Concen: 21.051 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 78 Resp: 210711

Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.8	28.2



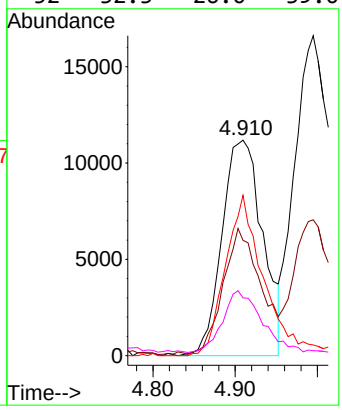


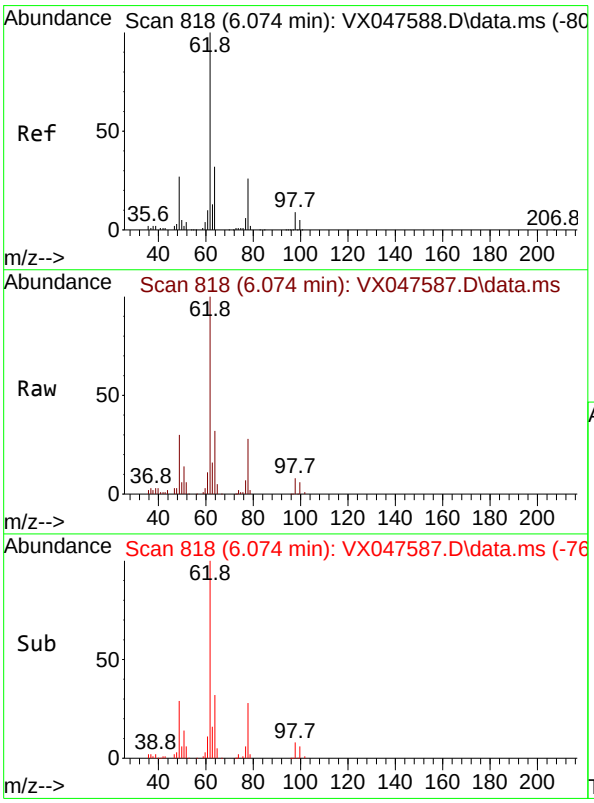
#41
Methacrylonitrile
Concen: 21.148 ug/l
RT: 4.910 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 38525

Ion	Ratio	Lower	Upper
41	100		
39	53.8	43.3	64.9
67	72.5	58.6	87.8
52	32.3	26.0	39.0

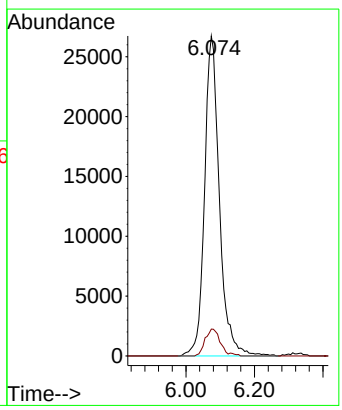


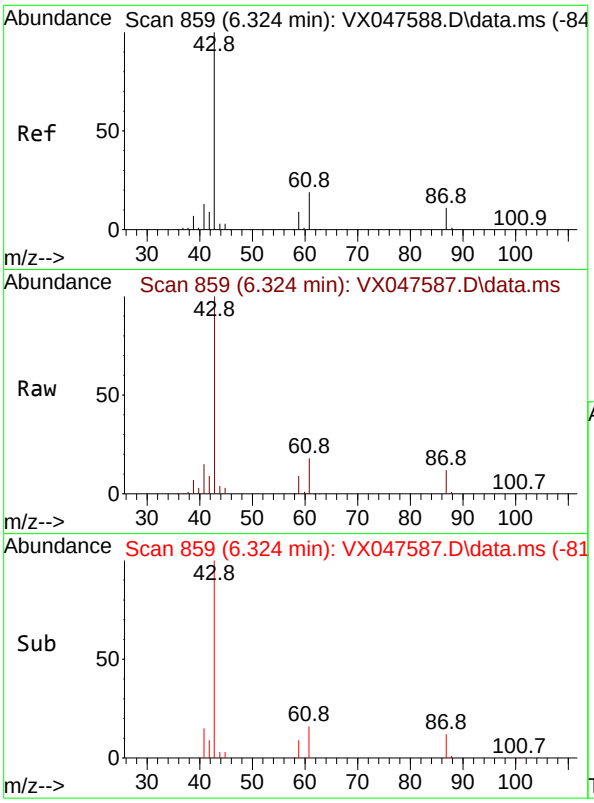


#42
1,2-Dichloroethane
Concen: 21.175 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 62 Resp: 80646

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0



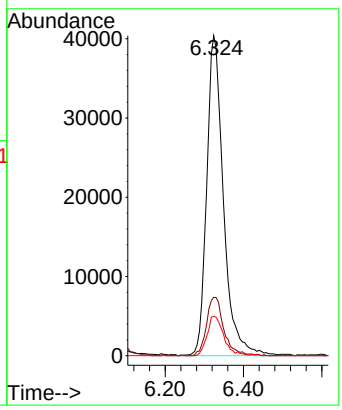


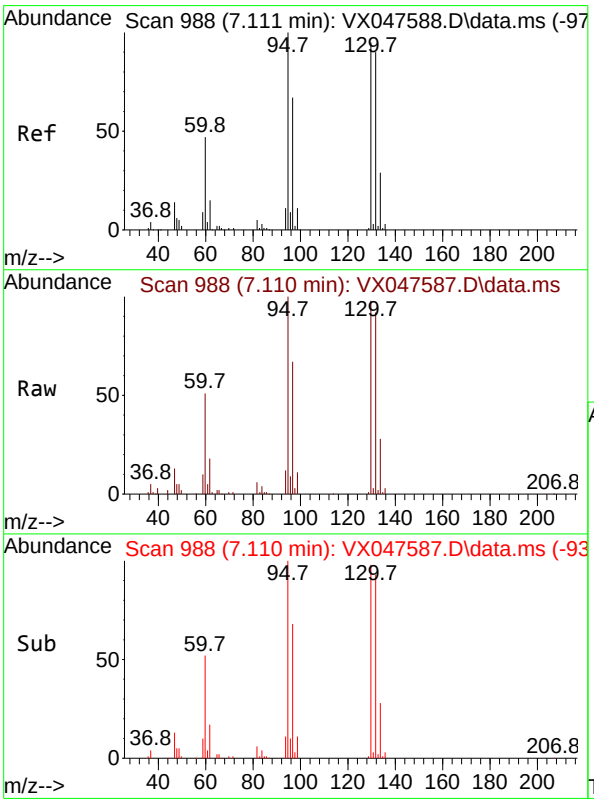
#43
Isopropyl Acetate
Concen: 20.670 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 119623

Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.2	22.8
87	12.1	9.6	14.4

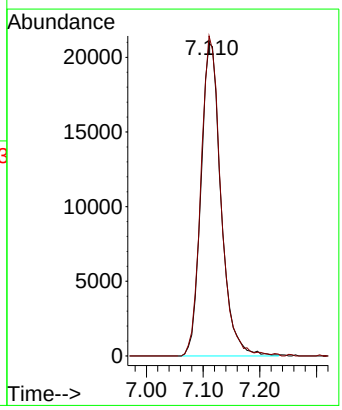


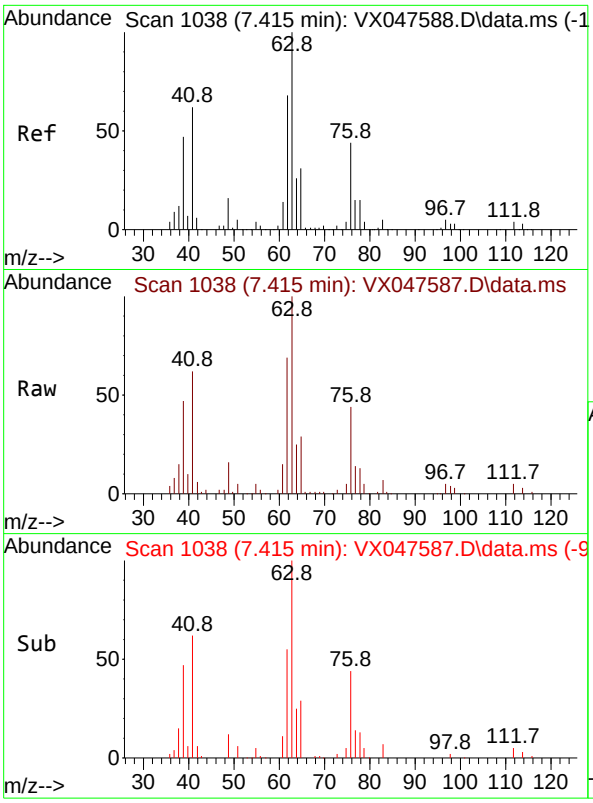


#44
Trichloroethene
Concen: 21.228 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:130 Resp: 51369

Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	210.8



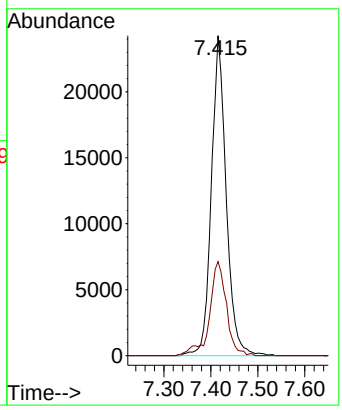


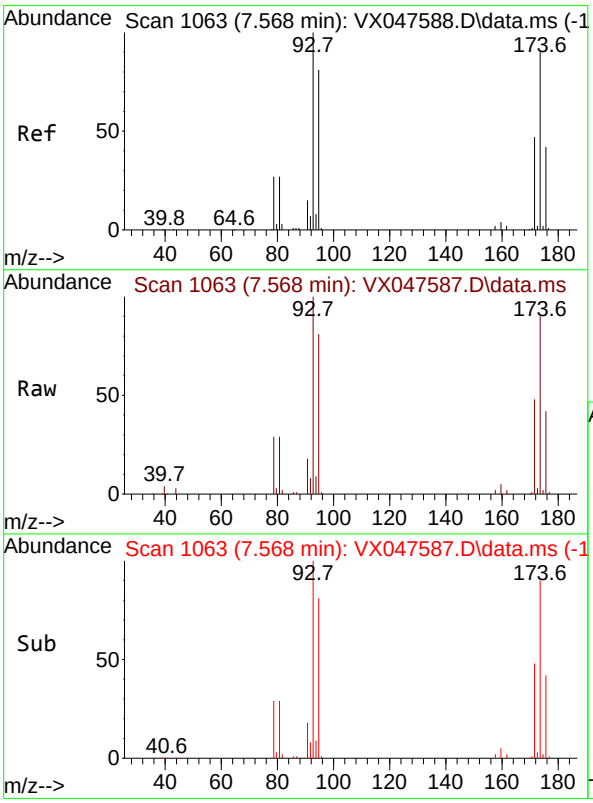
#45
1,2-Dichloropropane
Concen: 20.697 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 53046

Ion	Ratio	Lower	Upper
63	100		
65	29.4	24.7	37.1

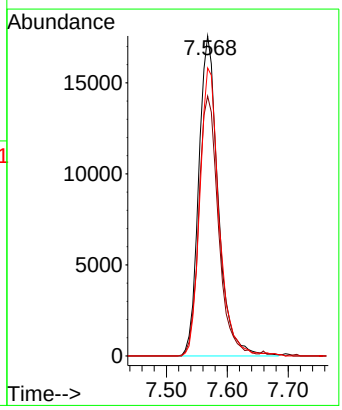


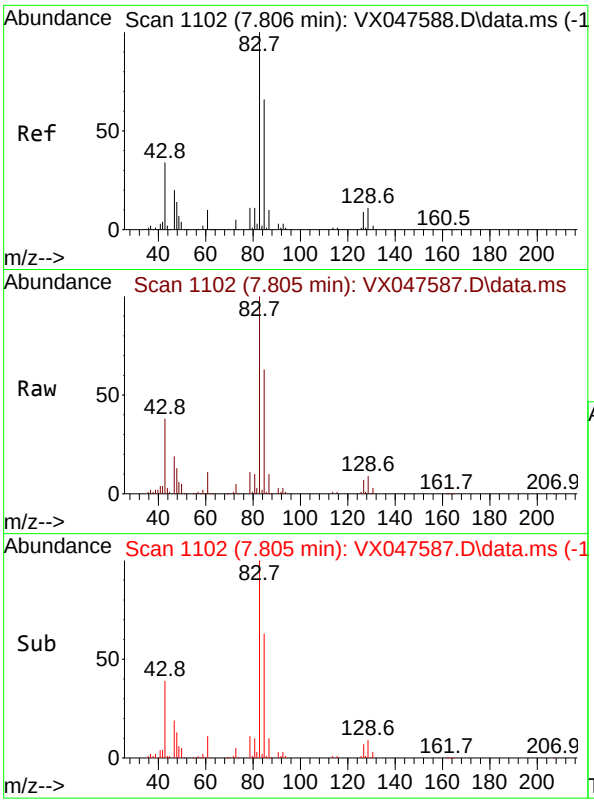


#46
Dibromomethane
Concen: 20.862 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 93 Resp: 38910

Ion	Ratio	Lower	Upper
93	100		
95	82.0	65.0	97.6
174	89.2	71.6	107.4



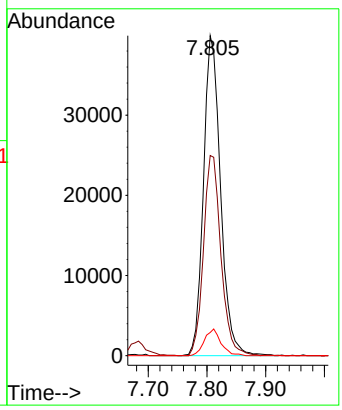


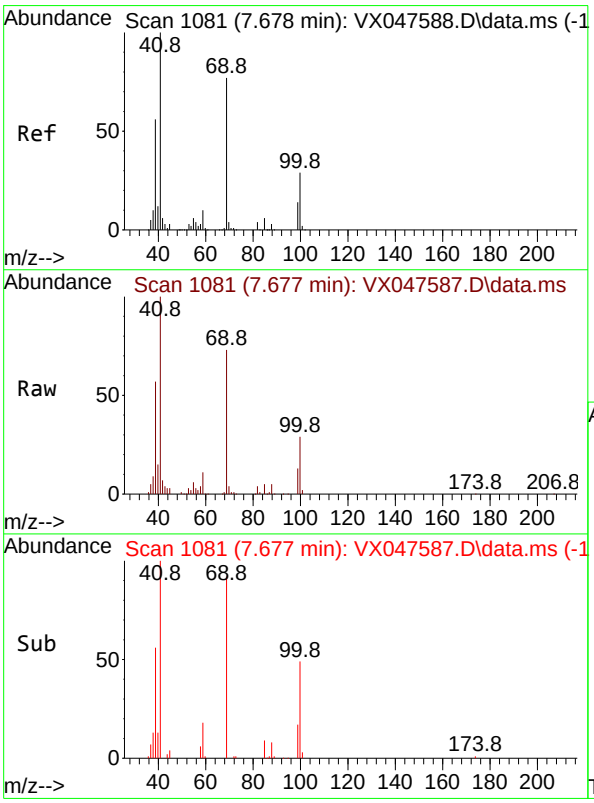
#47
Bromodichloromethane
Concen: 21.002 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 80831

Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.5	78.7
127	8.2	6.9	10.3

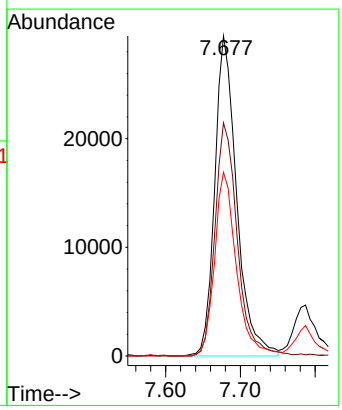


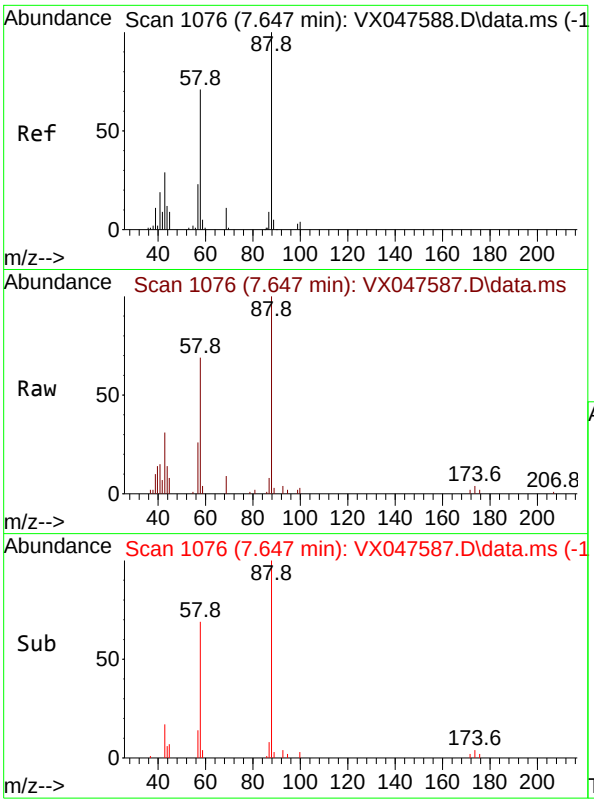


#48
Methyl methacrylate
Concen: 20.877 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 41 Resp: 60182

Ion	Ratio	Lower	Upper
41	100		
69	74.2	61.4	92.2
39	57.2	45.8	68.6



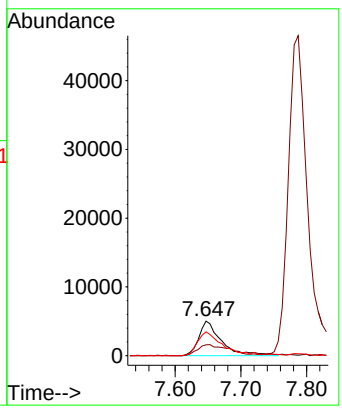


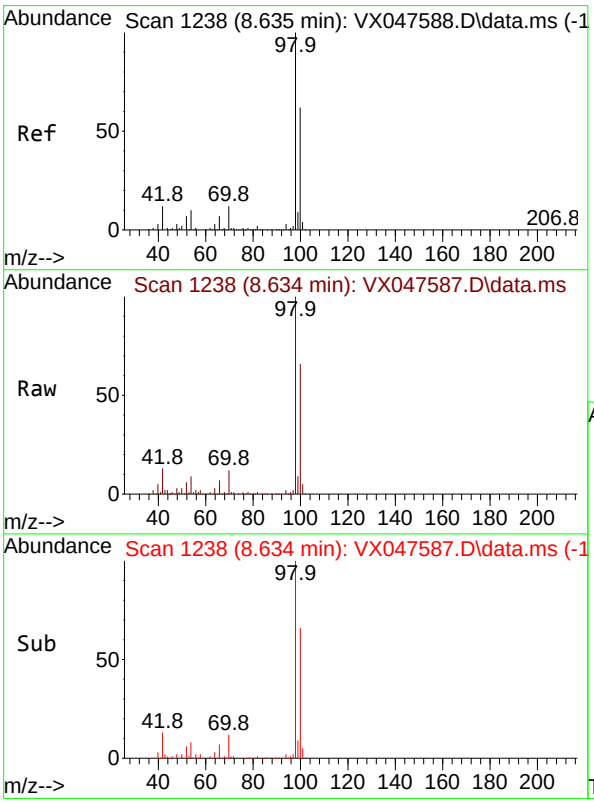
#49
1,4-Dioxane
Concen: 413.530 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 88 Resp: 12047

Ion	Ratio	Lower	Upper
88	100		
43	44.7	30.2	45.2
58	75.8	59.5	89.3

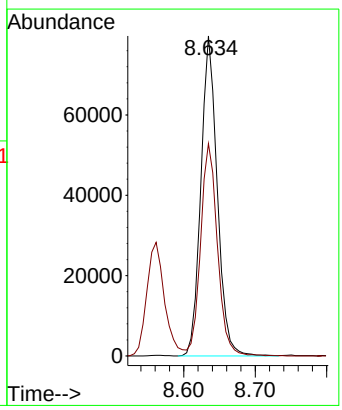


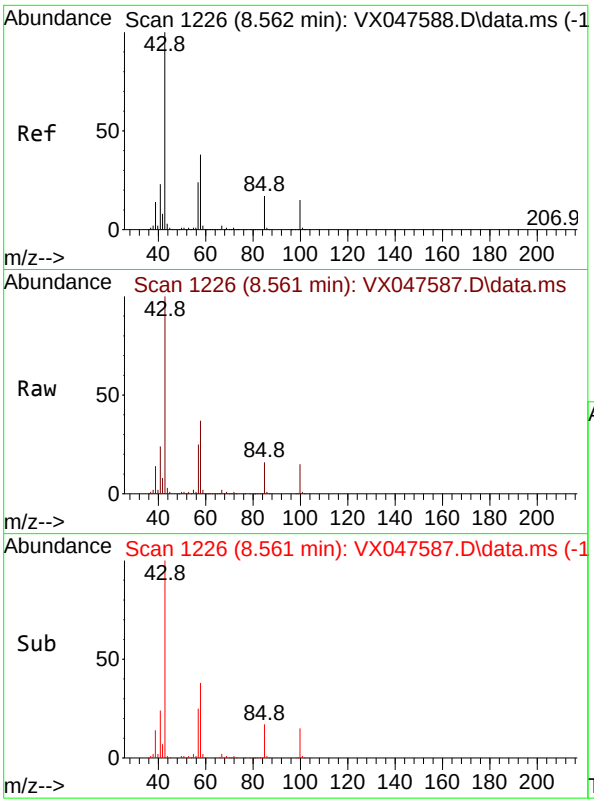


#50
Toluene-d8
Concen: 16.258 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 98 Resp: 126875

Ion	Ratio	Lower	Upper
98	100		
100	67.9	53.0	79.4



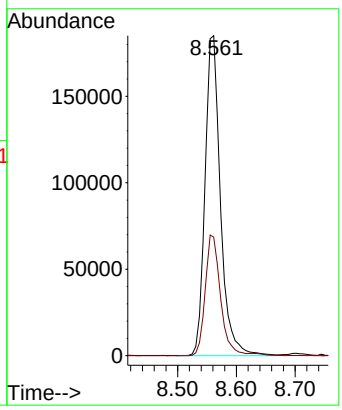


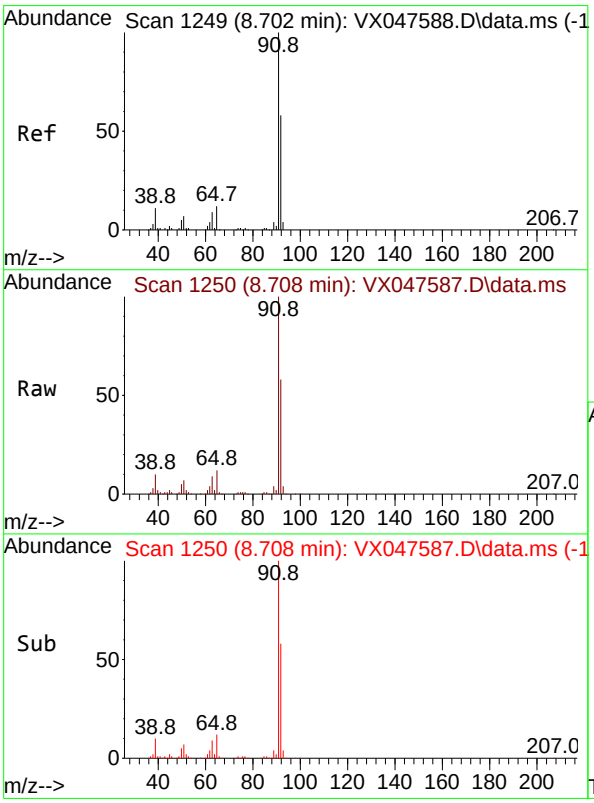
#51
4-Methyl-2-Pentanone
Concen: 105.456 ug/l
RT: 8.561 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 338370

Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.3	45.5

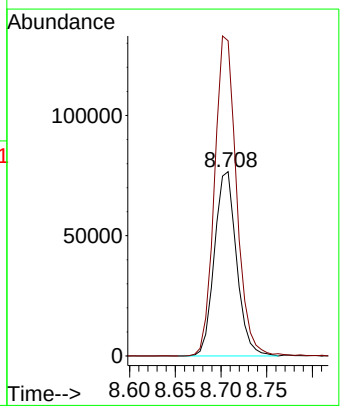


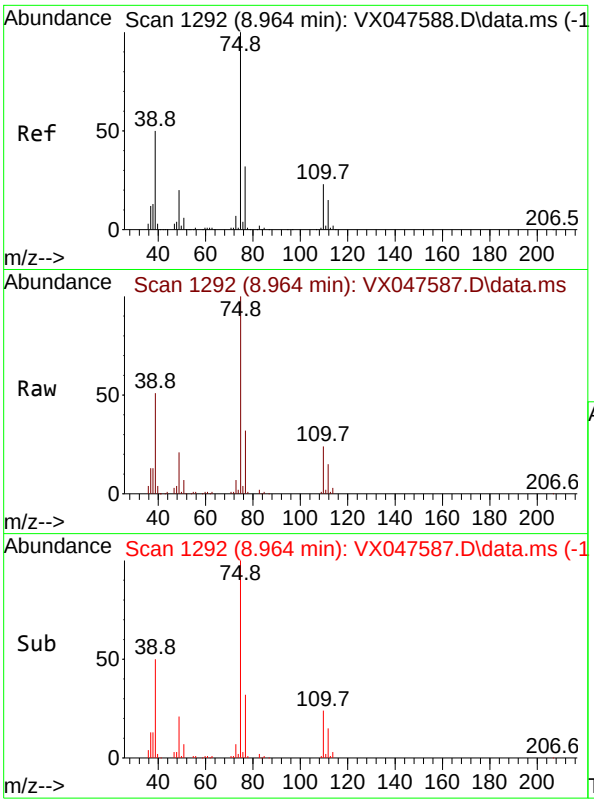


#52
Toluene
Concen: 20.950 ug/l
RT: 8.708 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 92 Resp: 129193

Ion	Ratio	Lower	Upper
92	100		
91	173.2	137.1	205.7



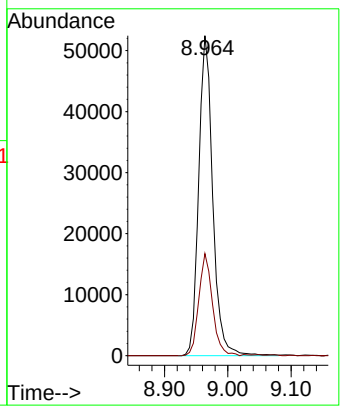


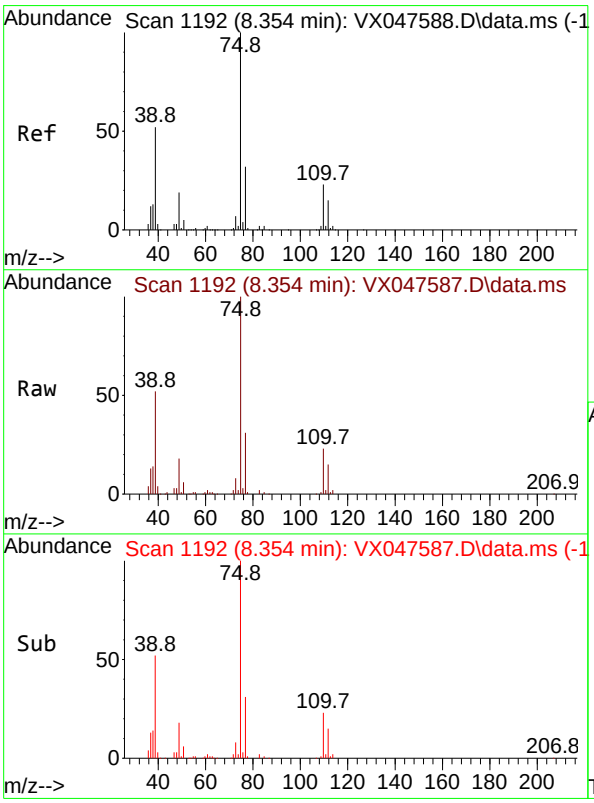
#53
t-1,3-Dichloropropene
Concen: 20.625 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 80972

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.2

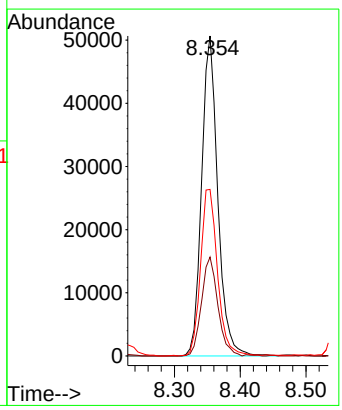


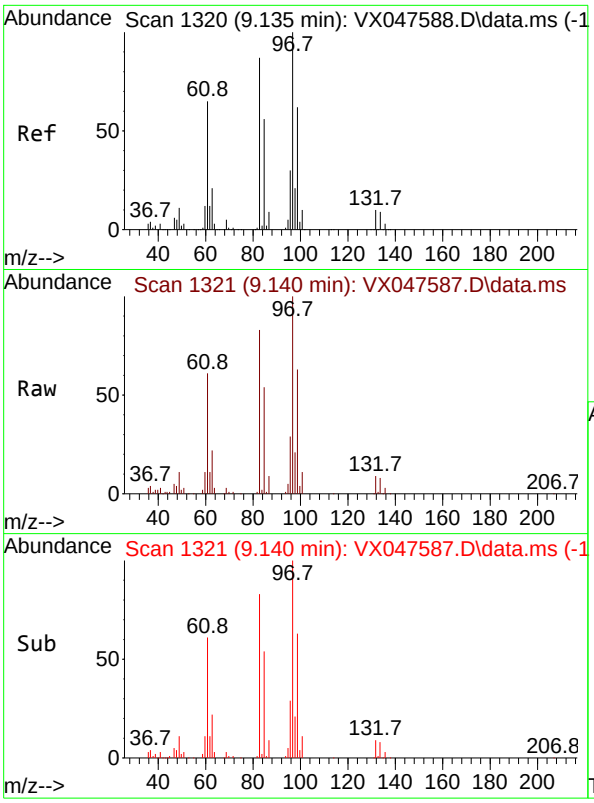


#54
cis-1,3-Dichloropropene
Concen: 20.650 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 75 Resp: 86648

Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.8	38.6
39	52.0	41.4	62.2



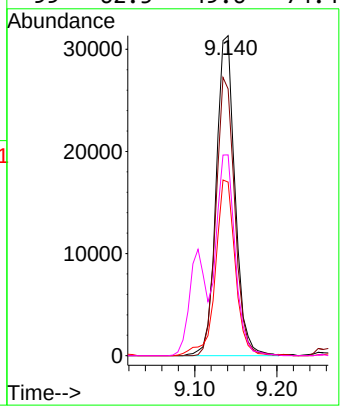


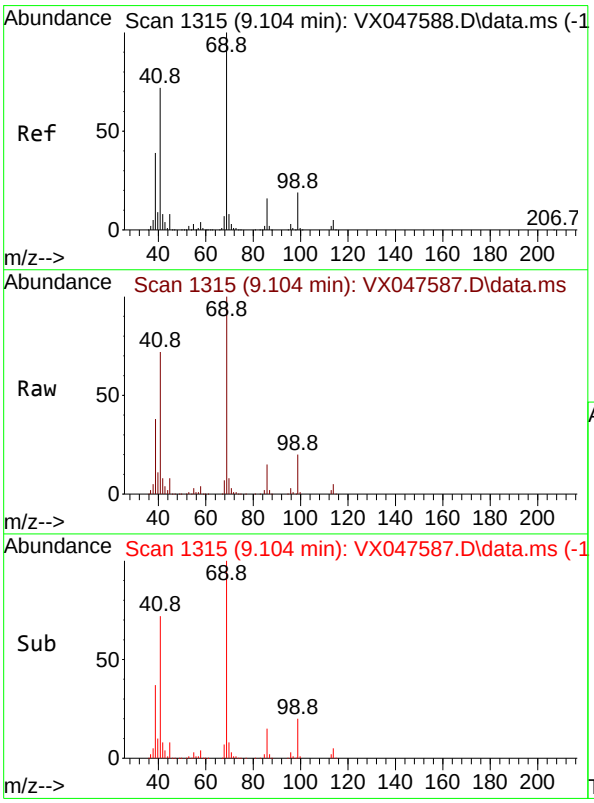
#55
1,1,2-Trichloroethane
Concen: 20.967 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 97 Resp: 49857

Ion	Ratio	Lower	Upper
97	100		
83	83.3	69.6	104.4
85	55.2	45.0	67.6
99	62.5	49.6	74.4

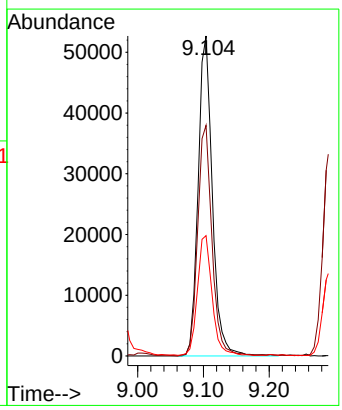


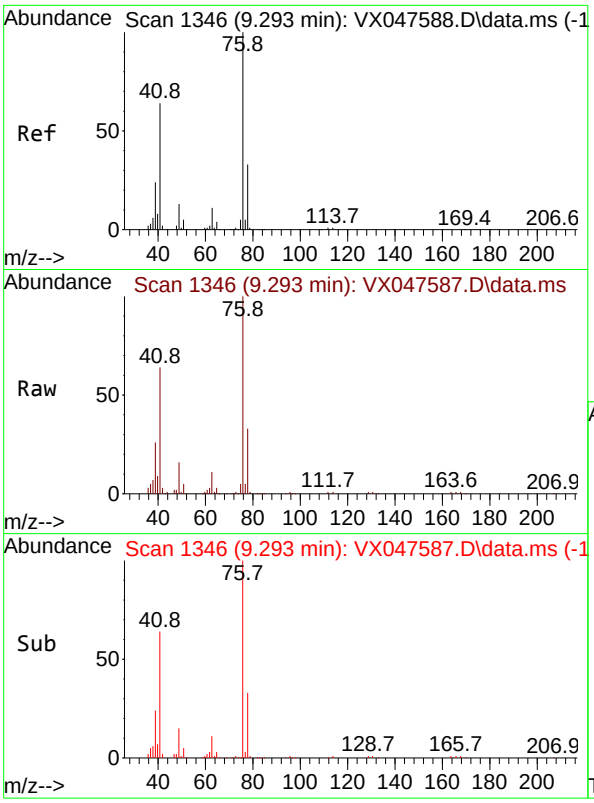


#56
Ethyl methacrylate
Concen: 21.158 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 69 Resp: 79011

Ion	Ratio	Lower	Upper
69	100		
41	72.6	58.6	87.8
39	38.6	31.5	47.3



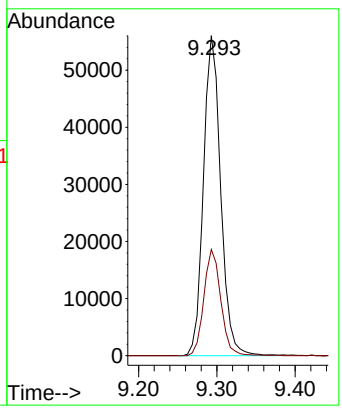


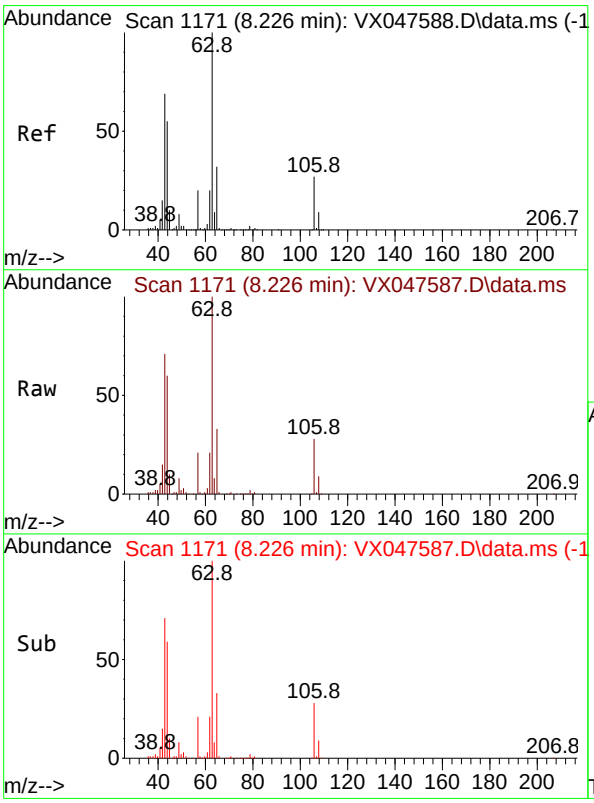
#57
1,3-Dichloropropane
Concen: 20.934 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 85511

Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.2	39.4

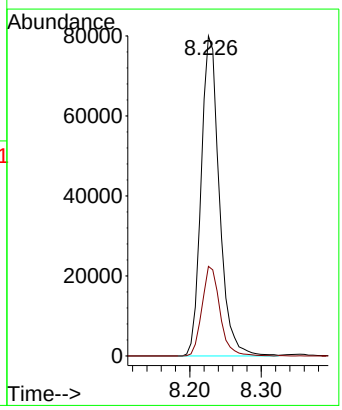


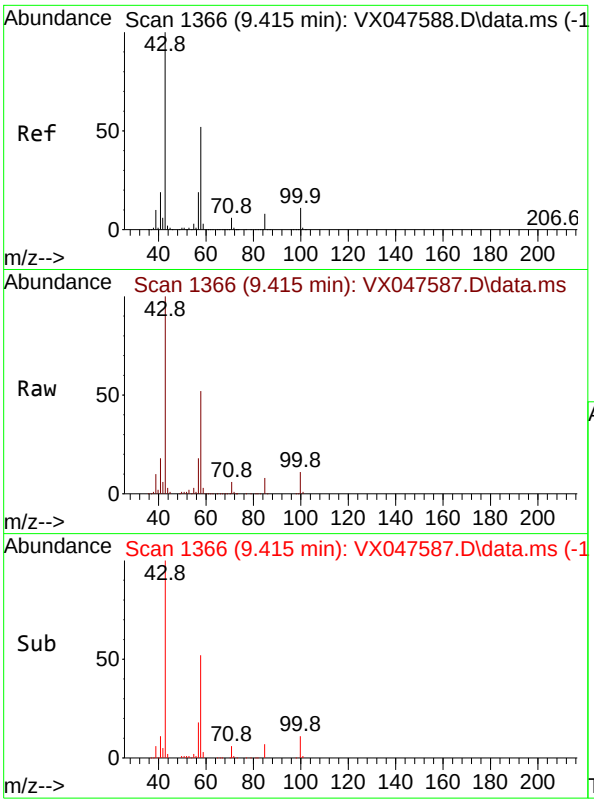


#58
2-Chloroethyl Vinyl ether
Concen: 86.617 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 63 Resp: 141395

Ion	Ratio	Lower	Upper
63	100		
106	27.5	21.9	32.9



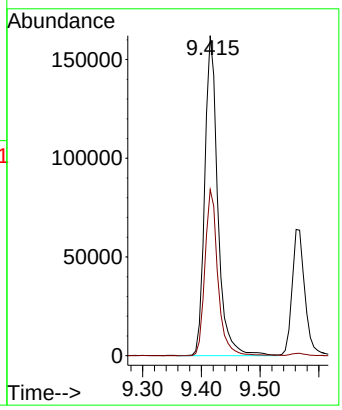


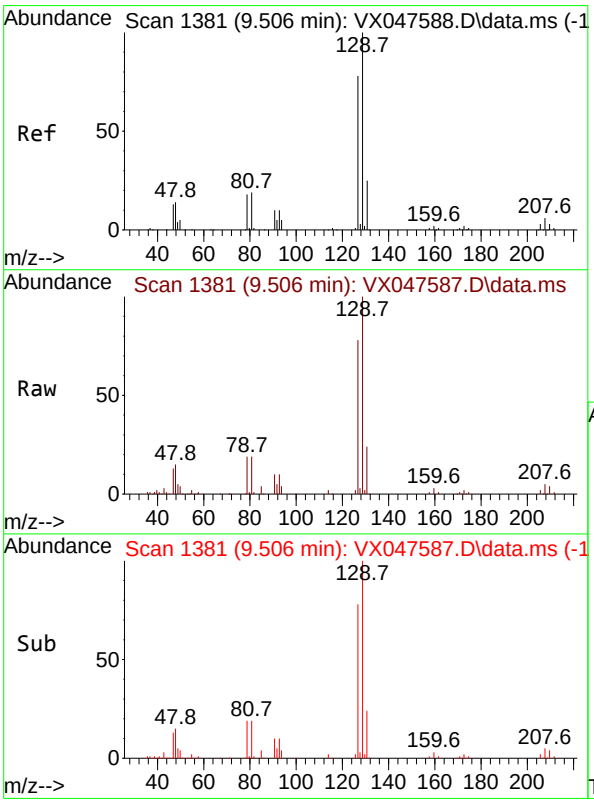
#59
2-Hexanone
Concen: 108.488 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 250007

Ion	Ratio	Lower	Upper
43	100		
58	51.4	26.1	78.2

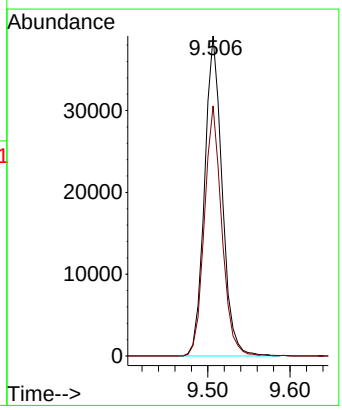


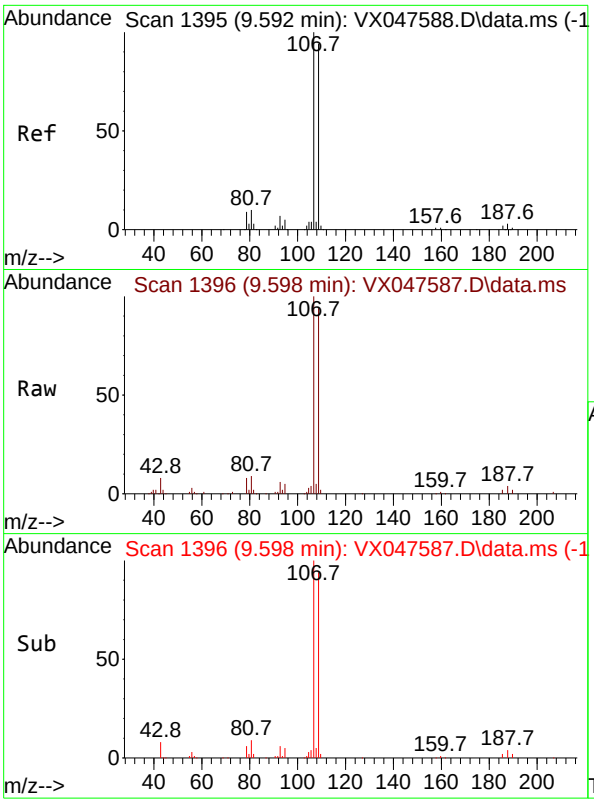


#60
Dibromochloromethane
Concen: 21.167 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:129 Resp: 57994

Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.4	115.2



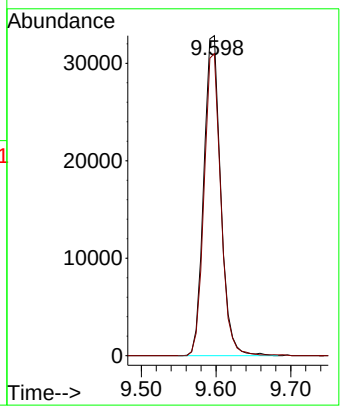


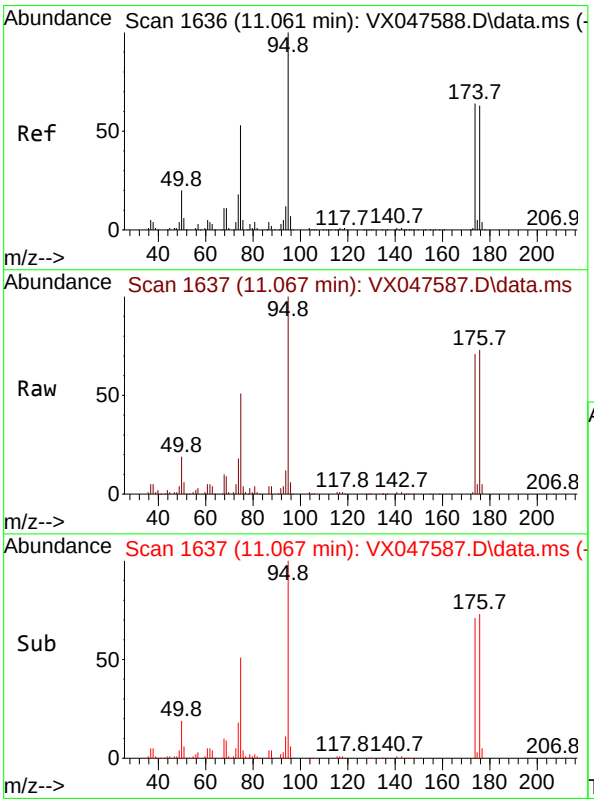
#61
1,2-Dibromoethane
Concen: 21.310 ug/l
RT: 9.598 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 51614

Ion	Ratio	Lower	Upper
107	100		
109	93.4	75.3	112.9

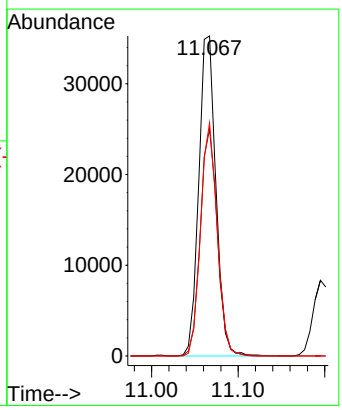


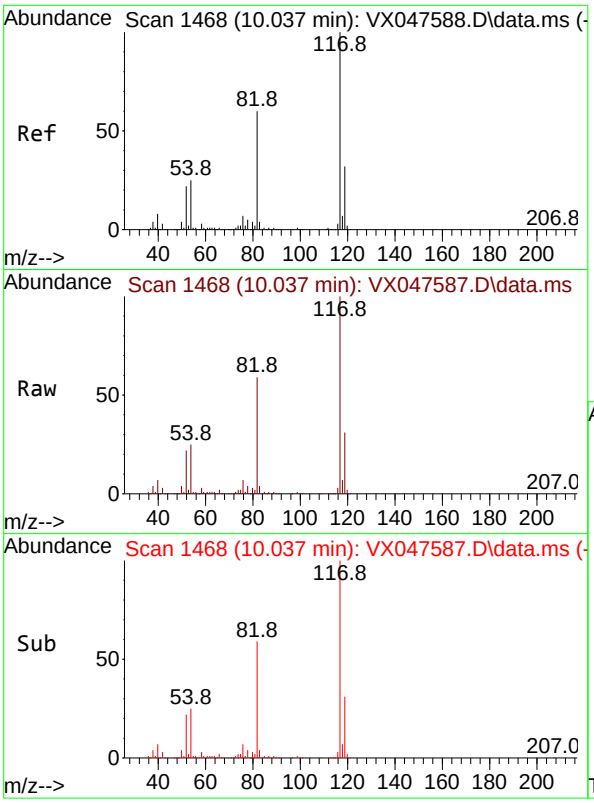


#62
4-Bromofluorobenzene
Concen: 16.360 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 95 Resp: 48454

Ion	Ratio	Lower	Upper
95	100		
174	70.2	0.0	141.6
176	70.3	0.0	138.4



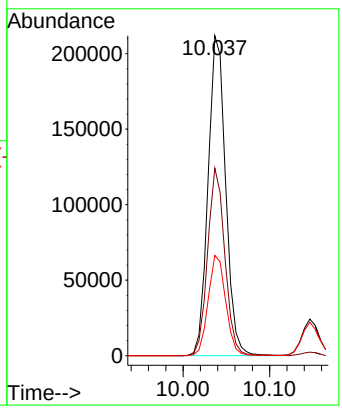


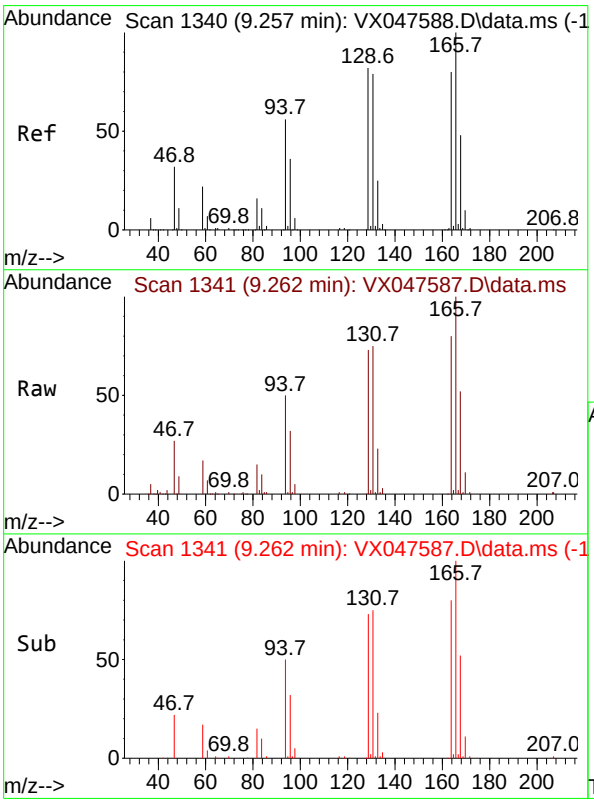
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:117 Resp: 298629

Ion	Ratio	Lower	Upper
117	100		
82	58.6	47.8	71.6
119	31.3	25.2	37.8

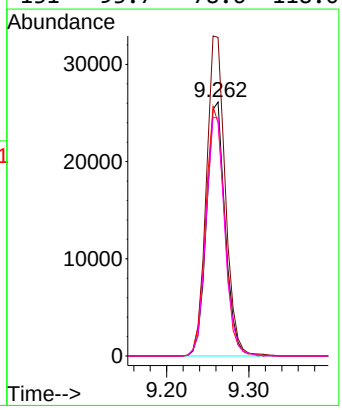


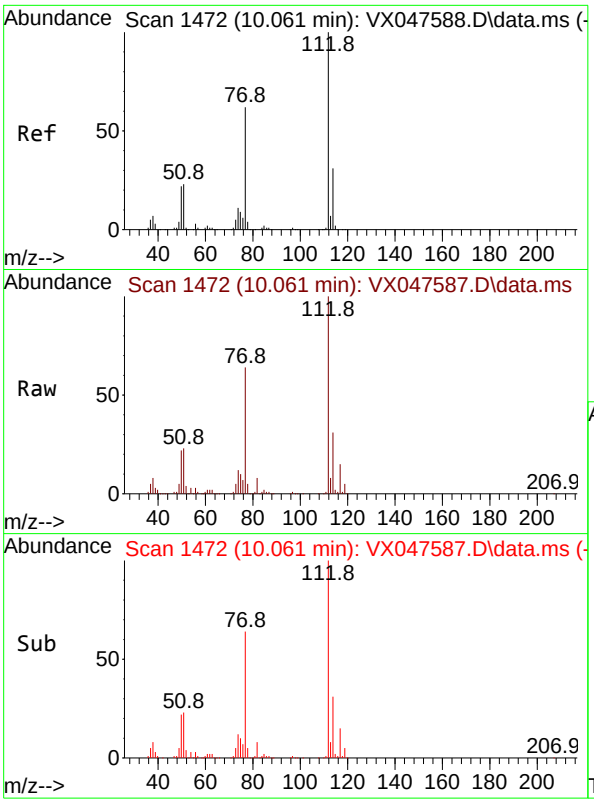


#64
Tetrachloroethene
Concen: 20.979 ug/l
RT: 9.262 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:164 Resp: 40840

Ion	Ratio	Lower	Upper
164	100		
166	125.4	100.2	150.2
129	91.8	81.8	122.6
131	93.7	78.6	118.0



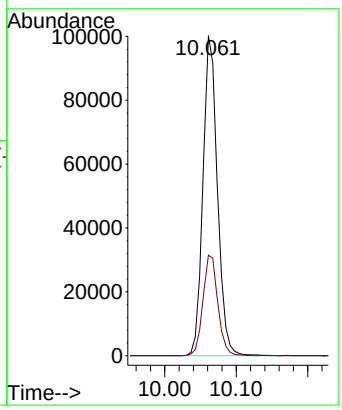


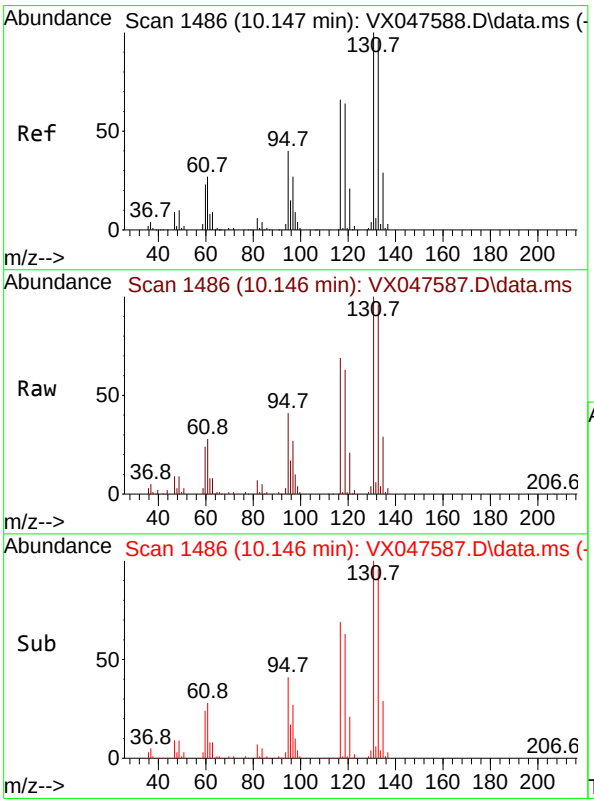
#65
Chlorobenzene
Concen: 20.731 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 140642

Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.1	37.7

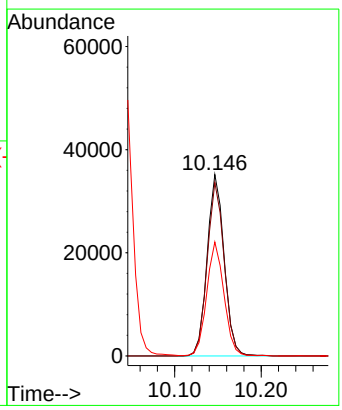


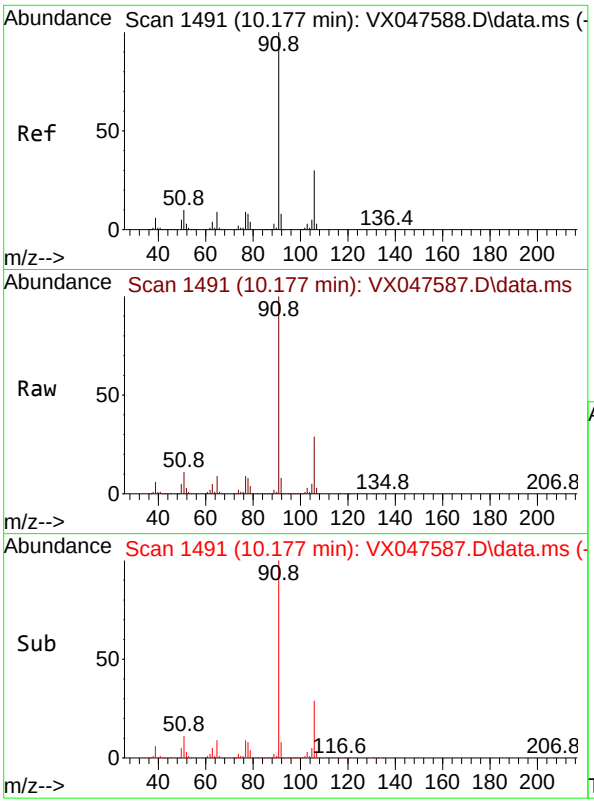


#66
1,1,1,2-Tetrachloroethane
Concen: 20.513 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:131 Resp: 48022

Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.3	142.0
119	63.9	32.0	96.0



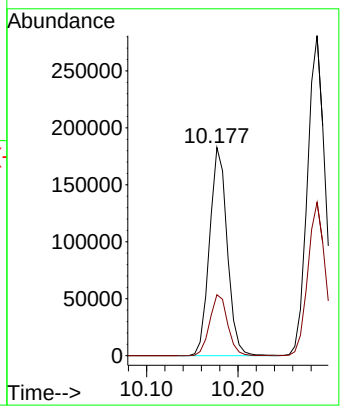


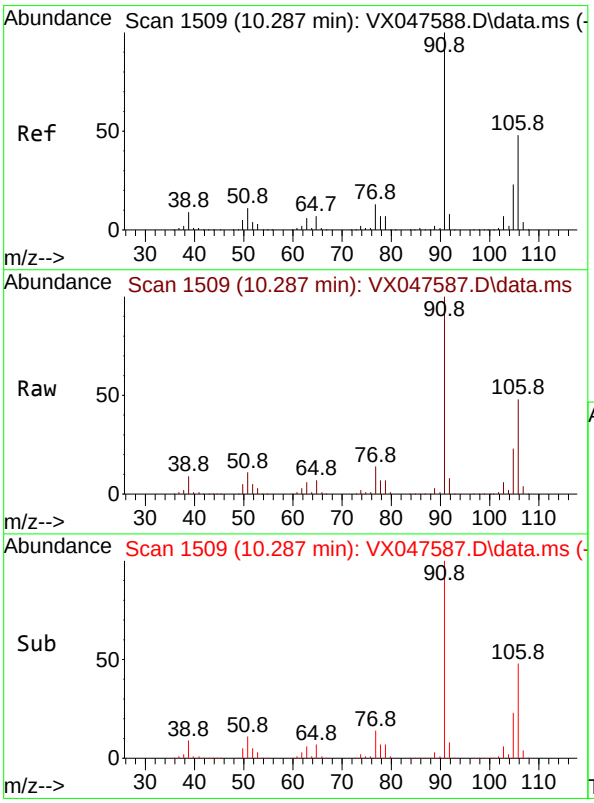
#67
Ethyl Benzene
Concen: 20.907 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 244737

Ion	Ratio	Lower	Upper
91	100		
106	29.3	24.3	36.5

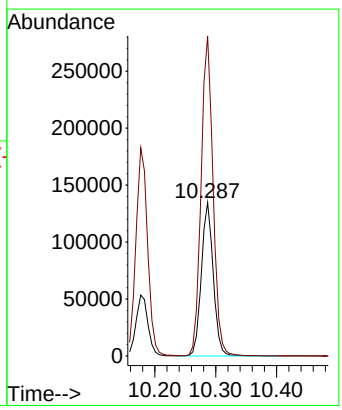


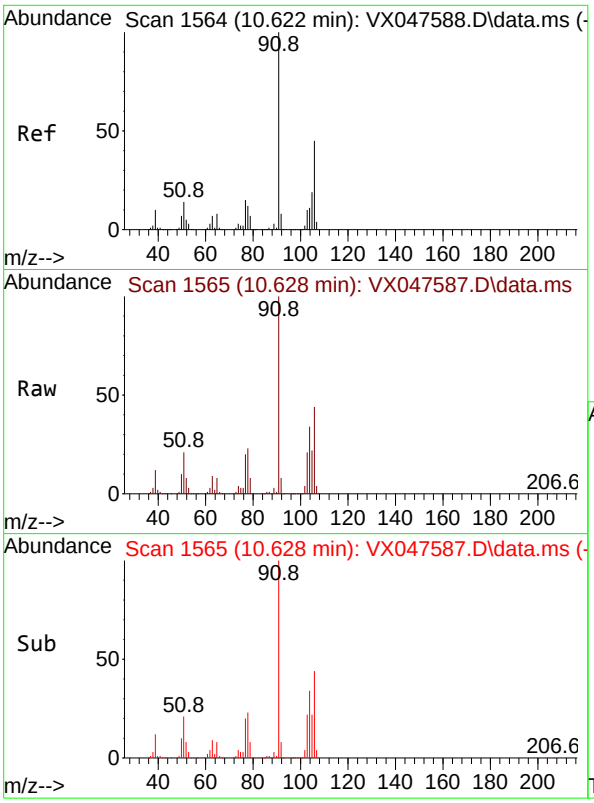


#68
m/p-Xylenes
Concen: 41.951 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:106 Resp: 182778

Ion	Ratio	Lower	Upper
106	100		
91	210.2	167.8	251.8



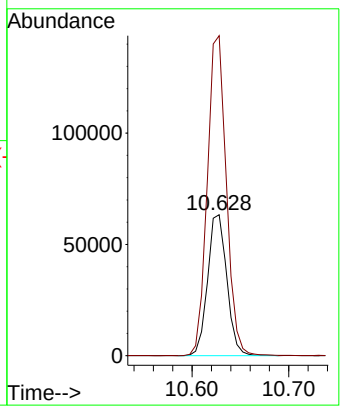


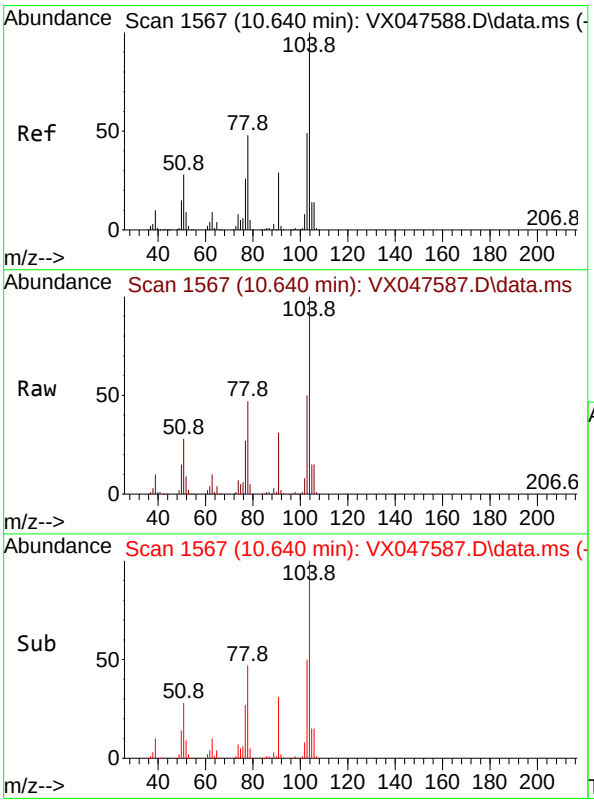
#69
o-Xylene
Concen: 20.799 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 87651

Ion	Ratio	Lower	Upper
106	100		
91	225.3	111.1	333.4

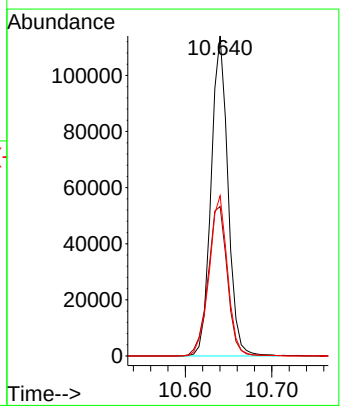


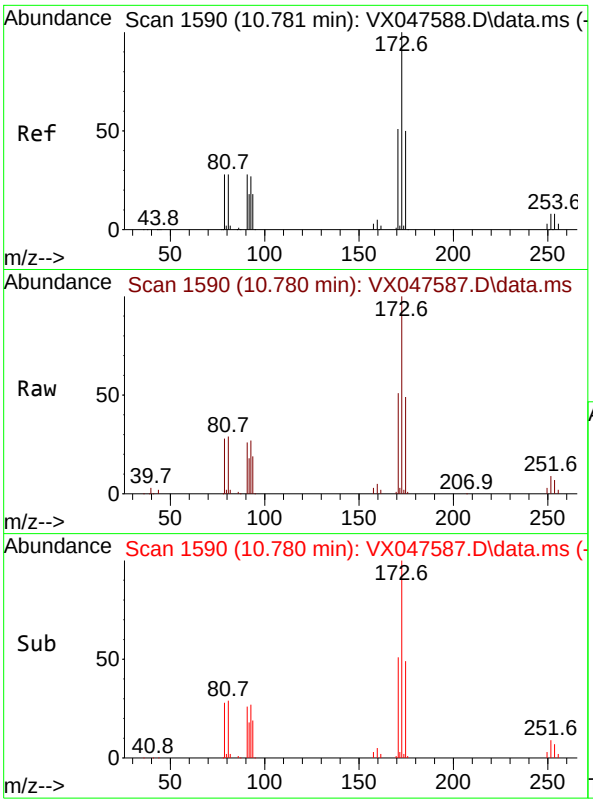


#70
Styrene
Concen: 20.866 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:104 Resp: 154077

Ion	Ratio	Lower	Upper
104	100		
78	53.6	43.1	64.7
103	54.4	43.1	64.7



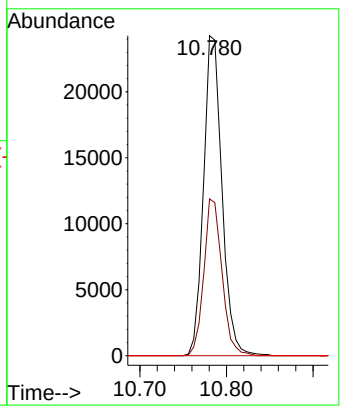


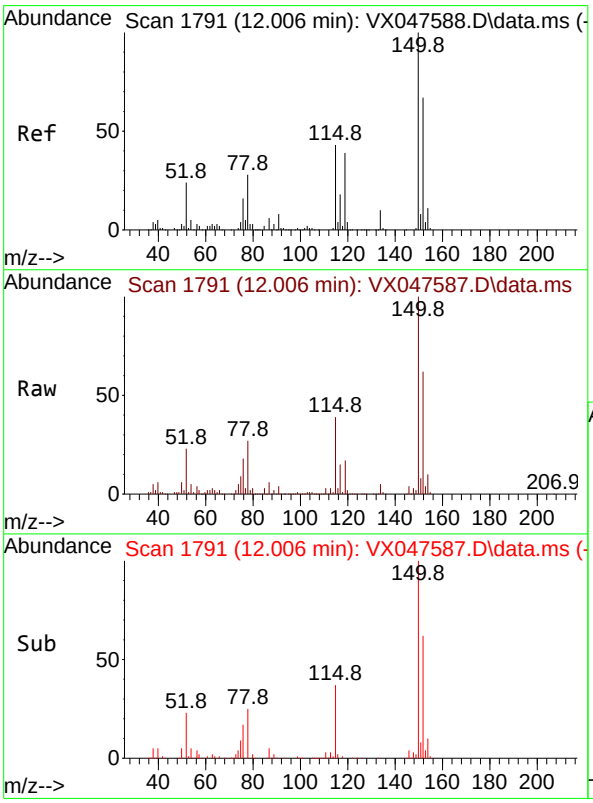
#71
Bromoform
Concen: 20.550 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:173 Resp: 35922

Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.9	74.6
254	0.0	0.1	0.1#

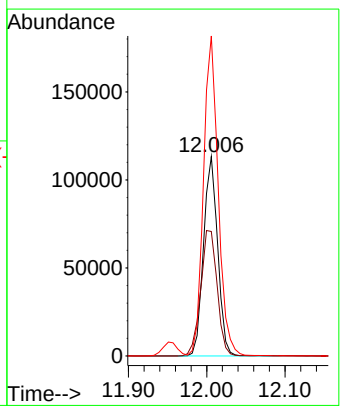


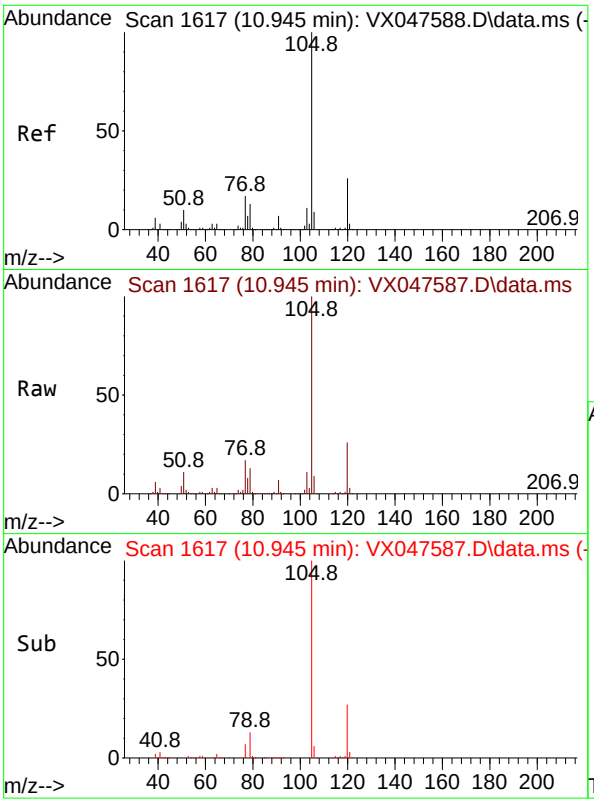


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:152 Resp: 141590

Ion	Ratio	Lower	Upper
152	100		
115	73.2	44.9	134.5
150	167.1	0.0	352.0



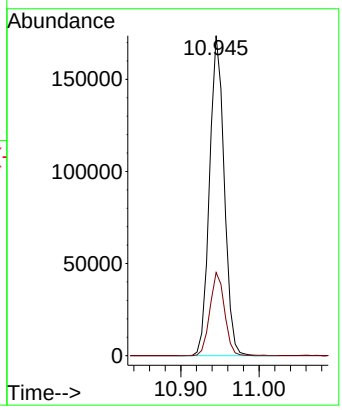


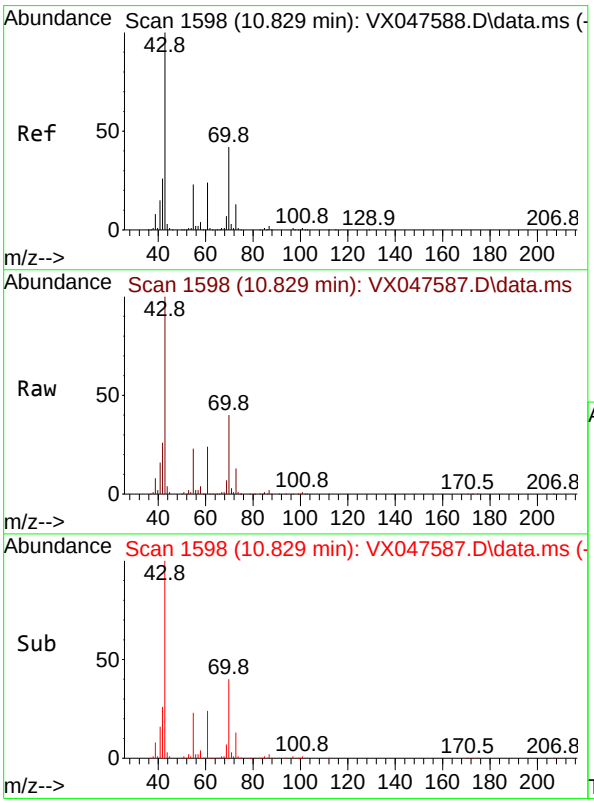
#73
Isopropylbenzene
Concen: 20.970 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 225730

Ion	Ratio	Lower	Upper
105	100		
120	25.9	12.8	38.4

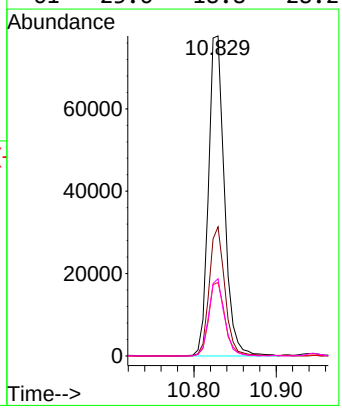


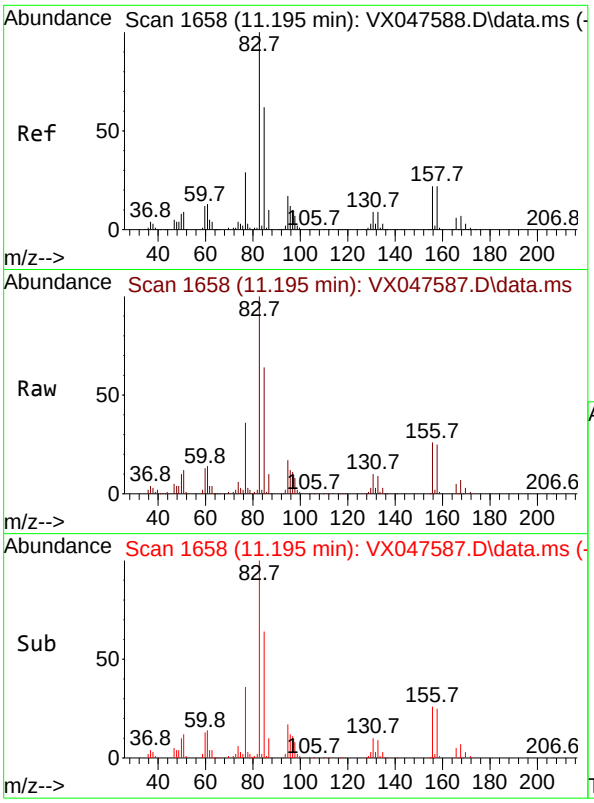


#74
N-amyl acetate
Concen: 21.354 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 104823

Ion	Ratio	Lower	Upper
43	100		
70	39.8	32.0	48.0
55	23.4	18.9	28.3
61	23.6	18.8	28.2



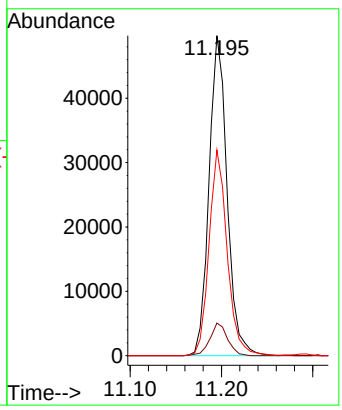


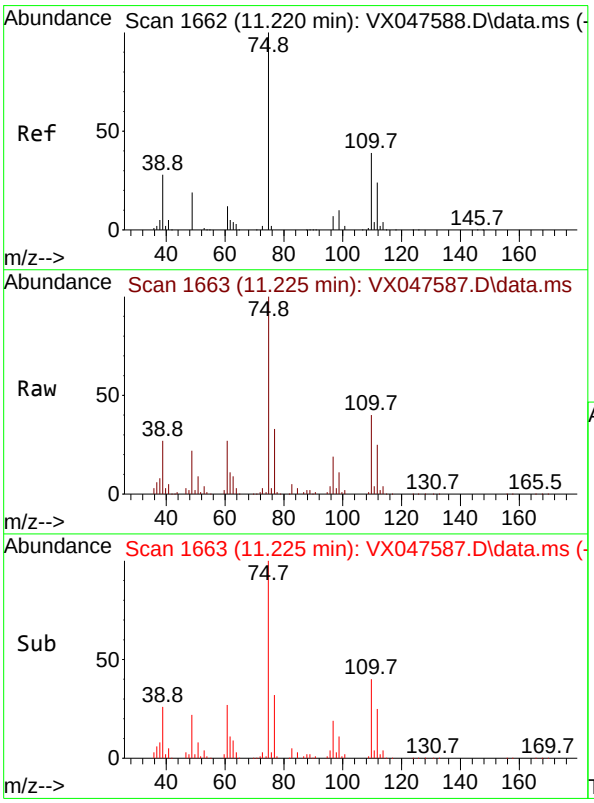
#75
1,1,2,2-Tetrachloroethane
Concen: 20.920 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 68132

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	14.9
85	64.4	31.6	95.0

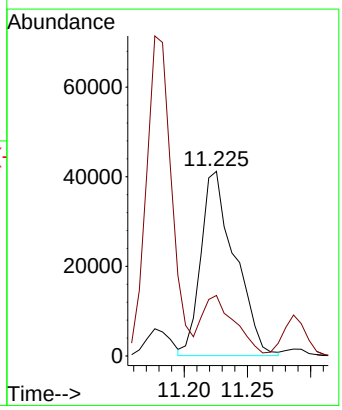


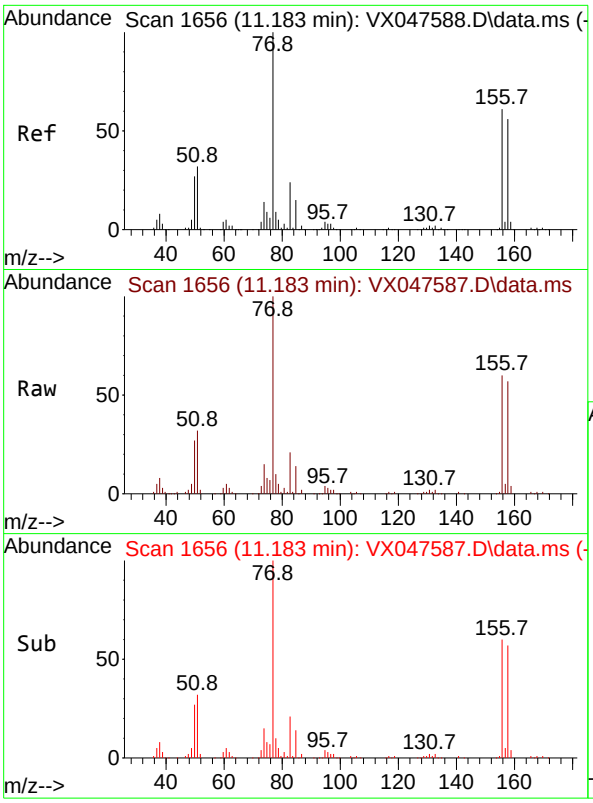


#76
1,2,3-Trichloropropane
Concen: 26.858 ug/l
RT: 11.225 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 75 Resp: 76996

Ion	Ratio	Lower	Upper
75	100		
77	31.3	18.8	56.4



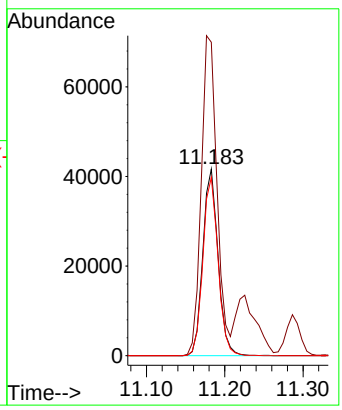


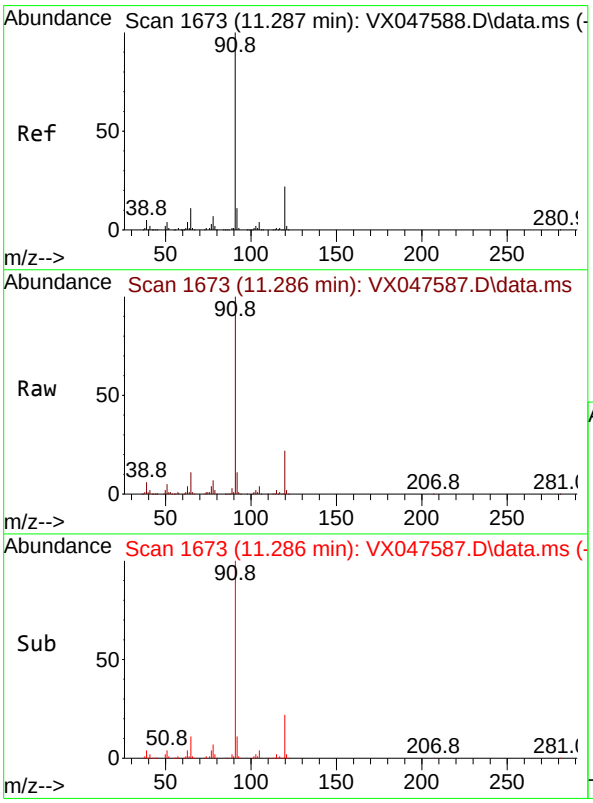
#77
Bromobenzene
Concen: 21.183 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 56161

Ion	Ratio	Lower	Upper
156	100		
77	177.4	89.7	269.1
158	95.2	47.9	143.6

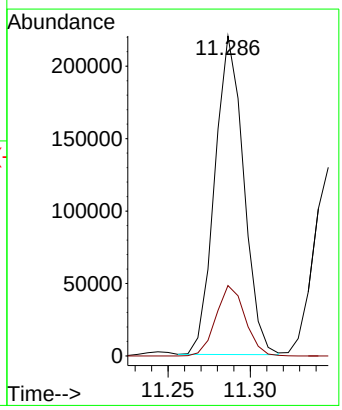


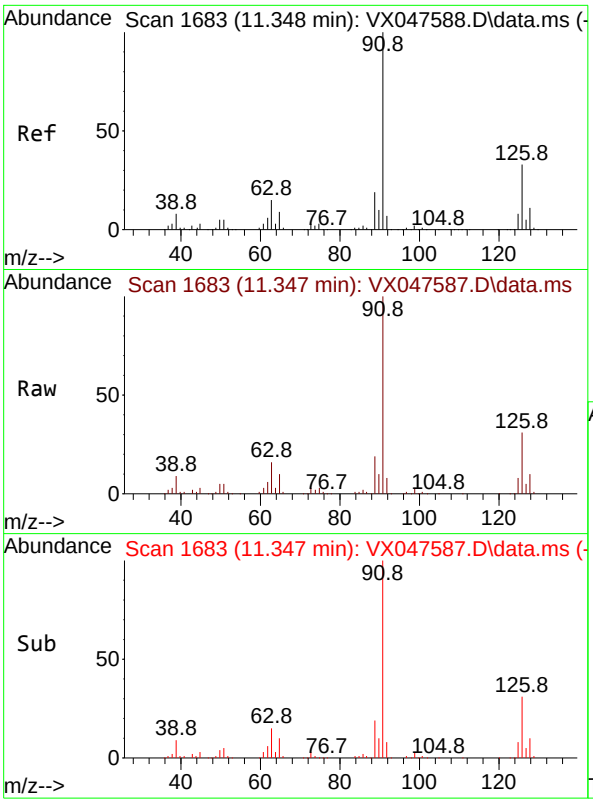


#78
n-propylbenzene
Concen: 21.092 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 91 Resp: 268399

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.1	33.1



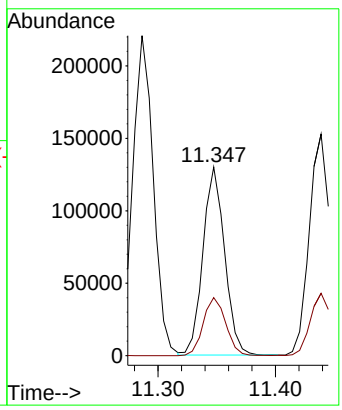


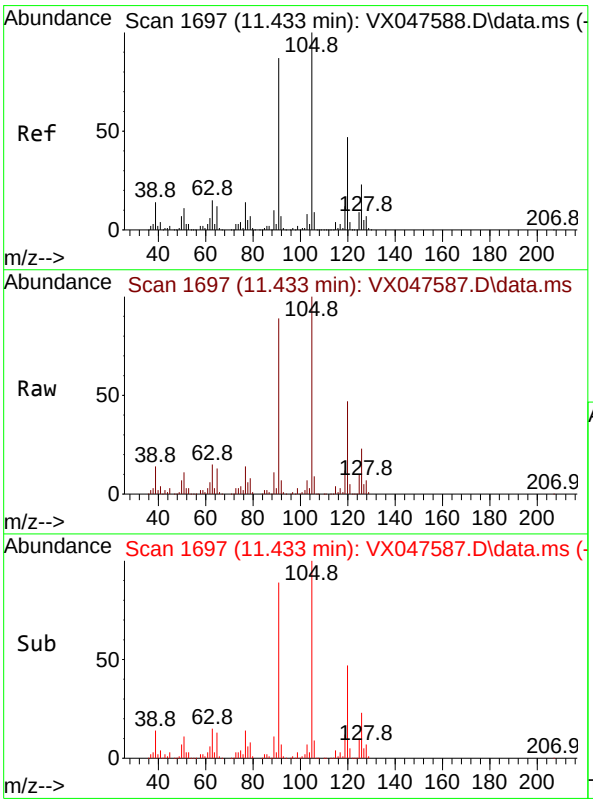
#79
2-Chlorotoluene
Concen: 21.329 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 166237

Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.1	48.3

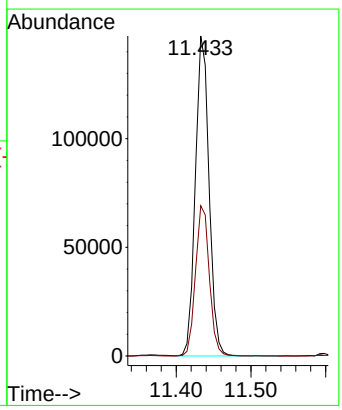


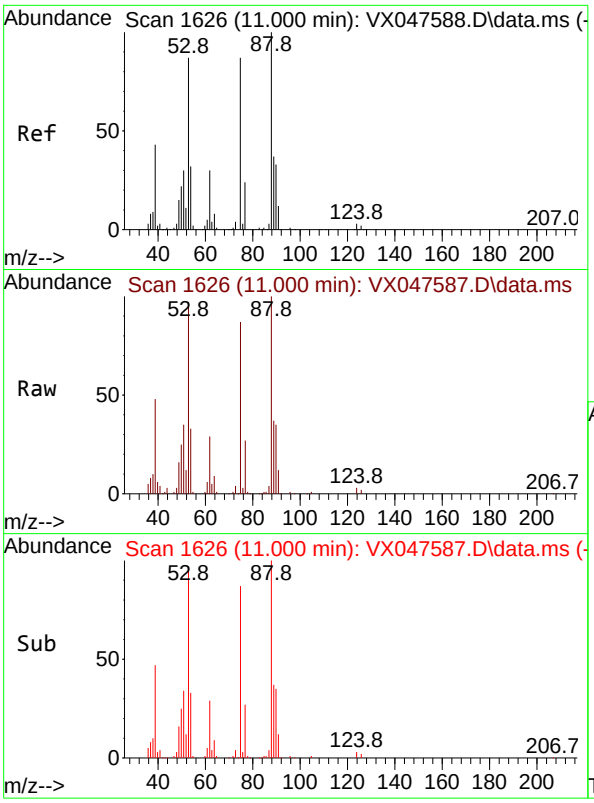


#80
1,3,5-Trimethylbenzene
Concen: 21.202 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:105 Resp: 187513

Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.6	70.8



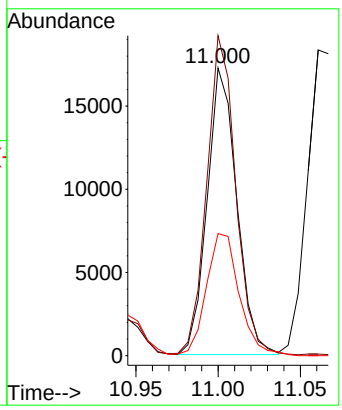


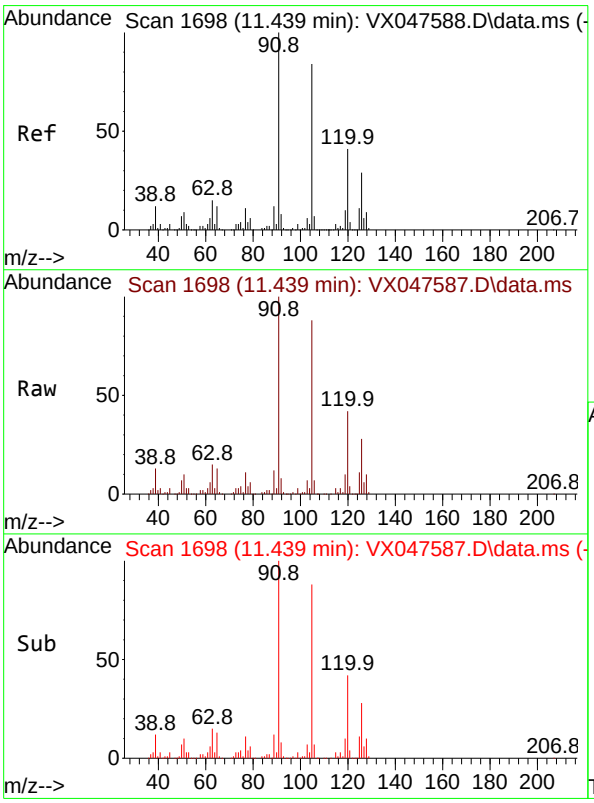
#81
trans-1,4-Dichloro-2-butene
Concen: 19.173 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 21553

Ion	Ratio	Lower	Upper
75	100		
53	109.1	83.4	125.2
89	47.6	36.3	54.5

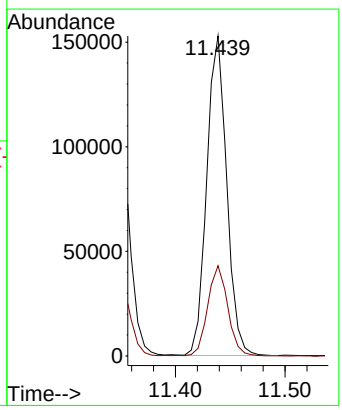


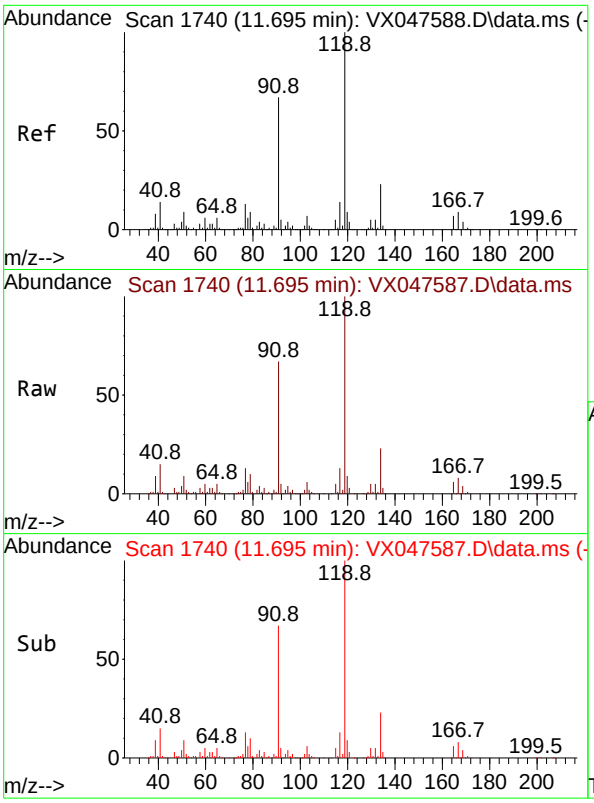


#82
4-Chlorotoluene
Concen: 20.980 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 91 Resp: 193122

Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.2	42.6



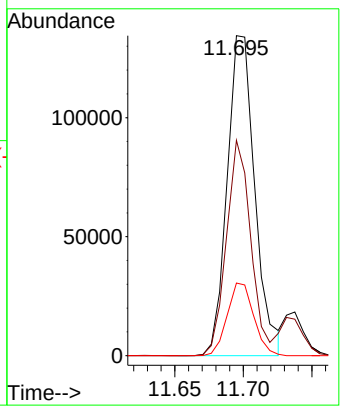


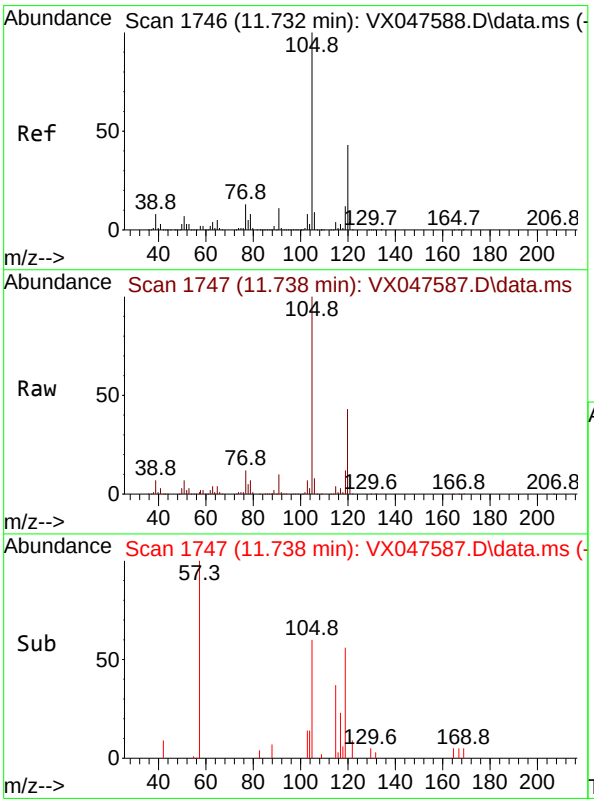
#83
tert-Butylbenzene
Concen: 20.929 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 189484

Ion	Ratio	Lower	Upper
119	100		
91	59.2	29.6	88.8
134	21.8	11.0	33.0

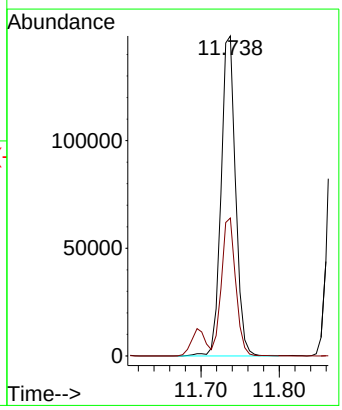


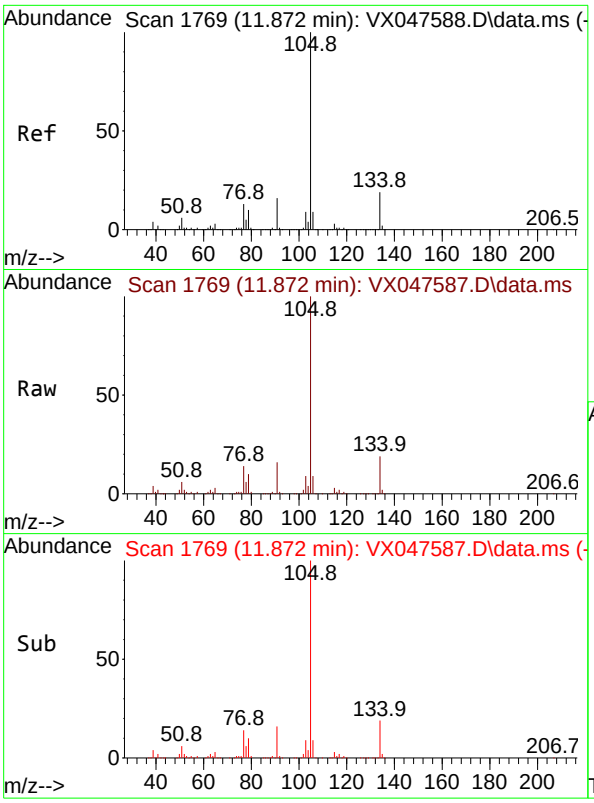


#84
1,2,4-Trimethylbenzene
Concen: 21.355 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:105 Resp: 191477

Ion	Ratio	Lower	Upper
105	100		
120	42.6	22.1	66.1



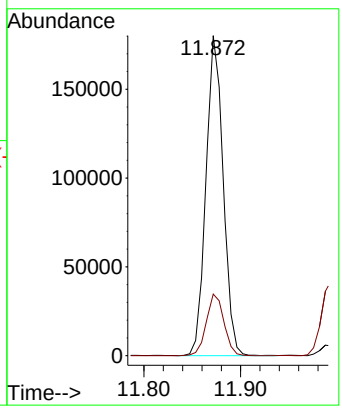


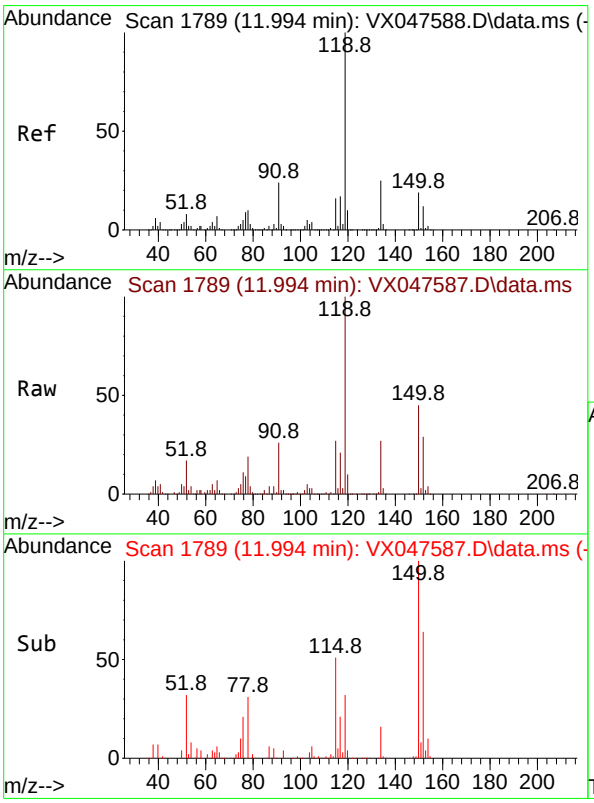
#85
sec-Butylbenzene
Concen: 20.777 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 223434

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5

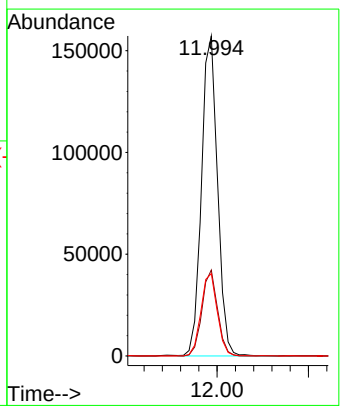


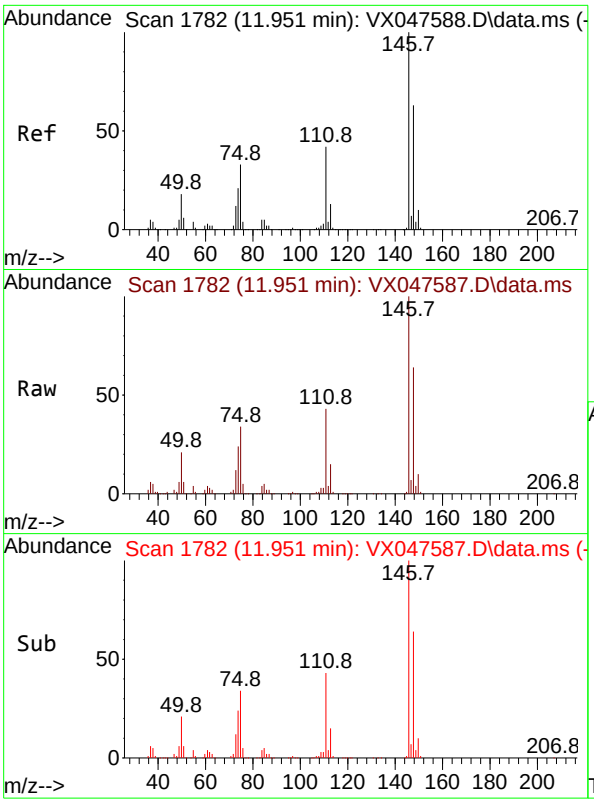


#86
p-Isopropyltoluene
Concen: 20.972 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:119 Resp: 190931

Ion	Ratio	Lower	Upper
119	100		
134	26.1	12.6	37.8
91	26.2	12.6	37.6



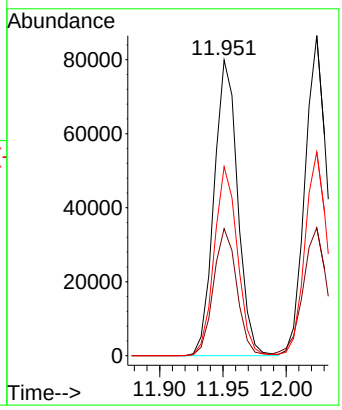


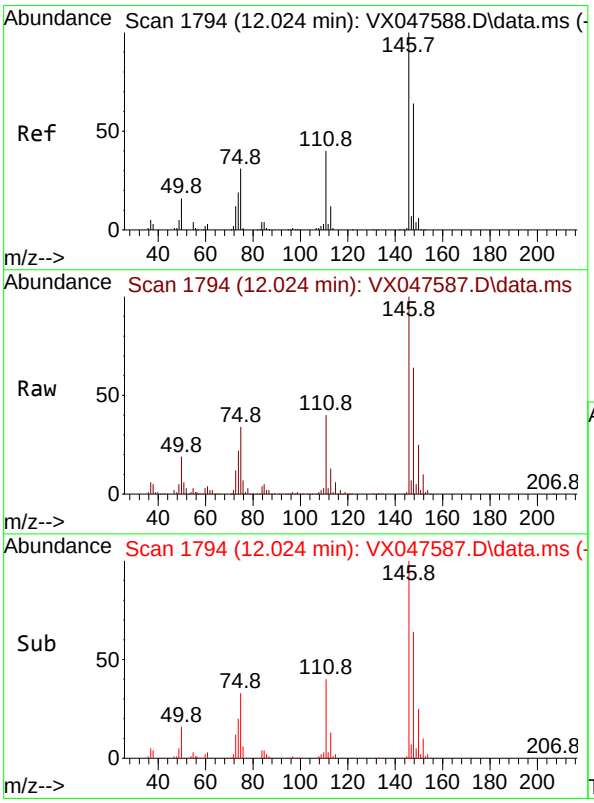
#87
1,3-Dichlorobenzene
Concen: 21.035 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 103584

Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.5	64.5
148	62.7	32.0	96.0

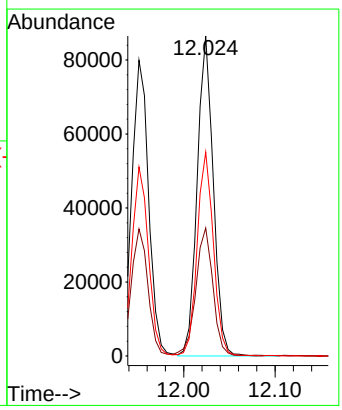


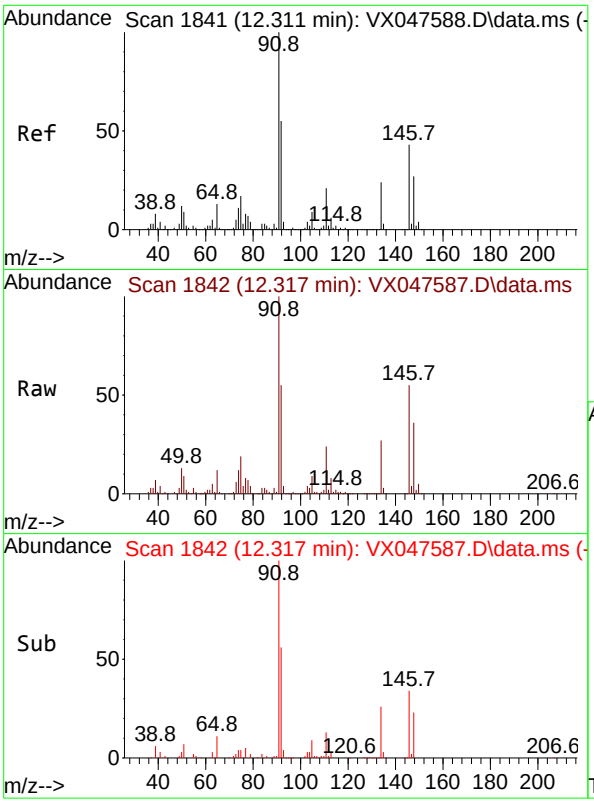


#88
1,4-Dichlorobenzene
Concen: 20.937 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:146 Resp: 105819

Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.8	62.4
148	64.4	31.7	95.1



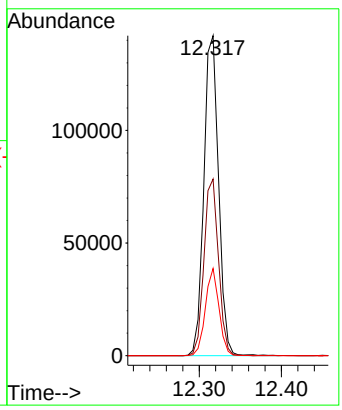


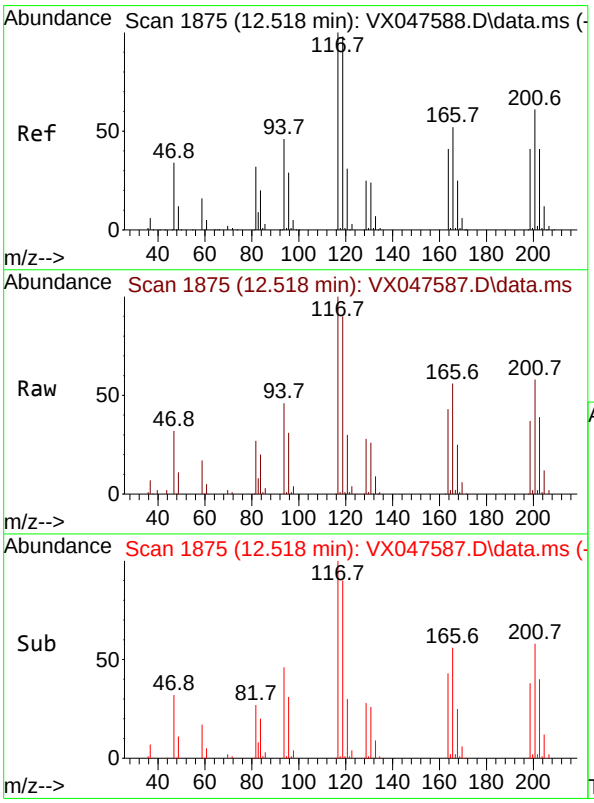
#89
n-Butylbenzene
Concen: 20.937 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 176373

Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.6	82.7
134	25.3	12.6	37.8

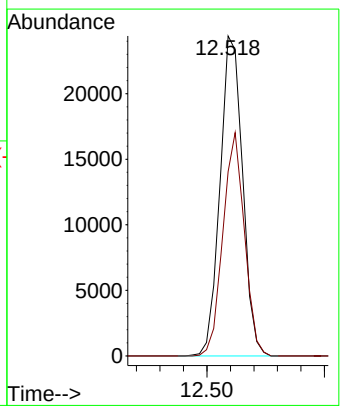


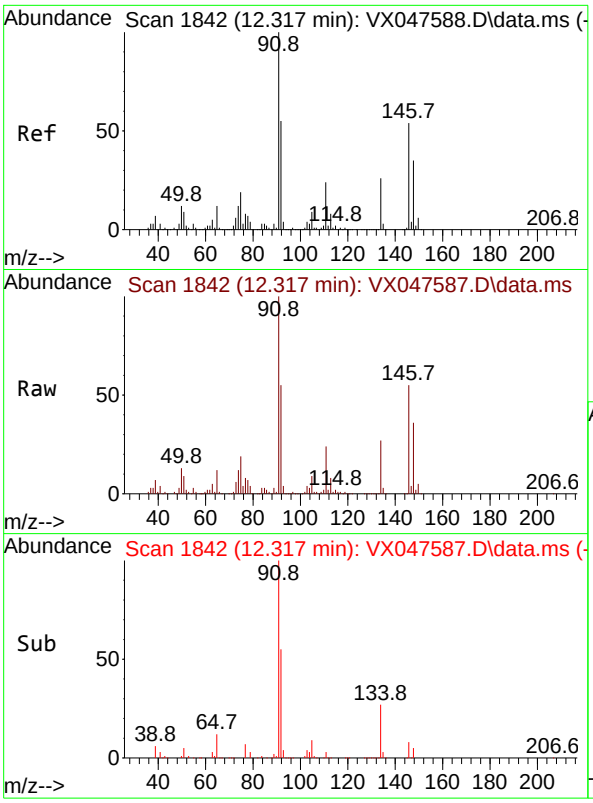


#90
Hexachloroethane
Concen: 20.349 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:117 Resp: 32526

Ion	Ratio	Lower	Upper
117	100		
201	66.6	34.2	102.5



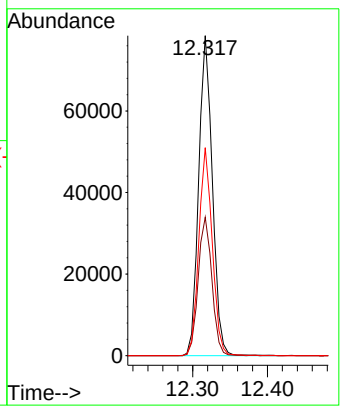


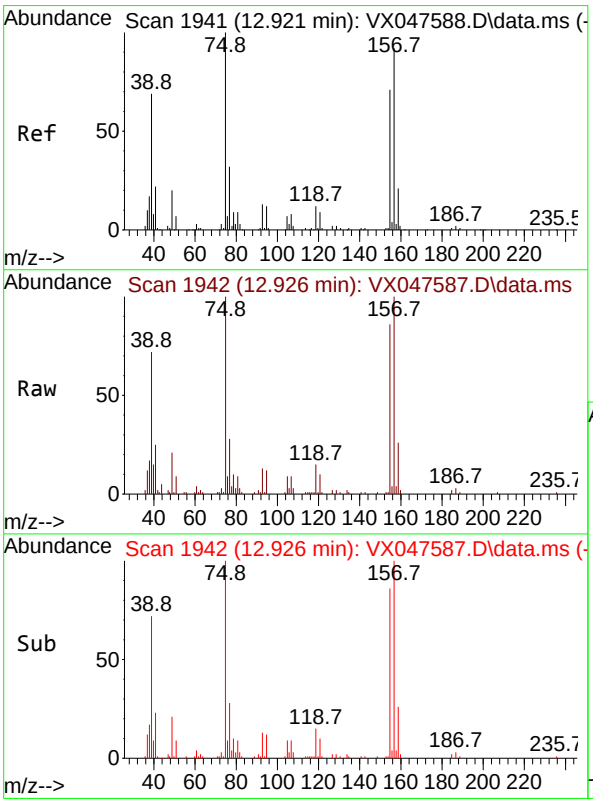
#91
1,2-Dichlorobenzene
Concen: 21.207 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 99493

Ion	Ratio	Lower	Upper
146	100		
111	43.4	22.2	66.6
148	63.9	31.8	95.4

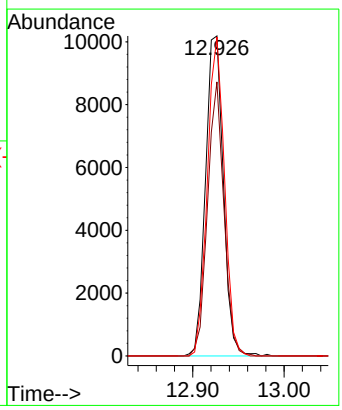


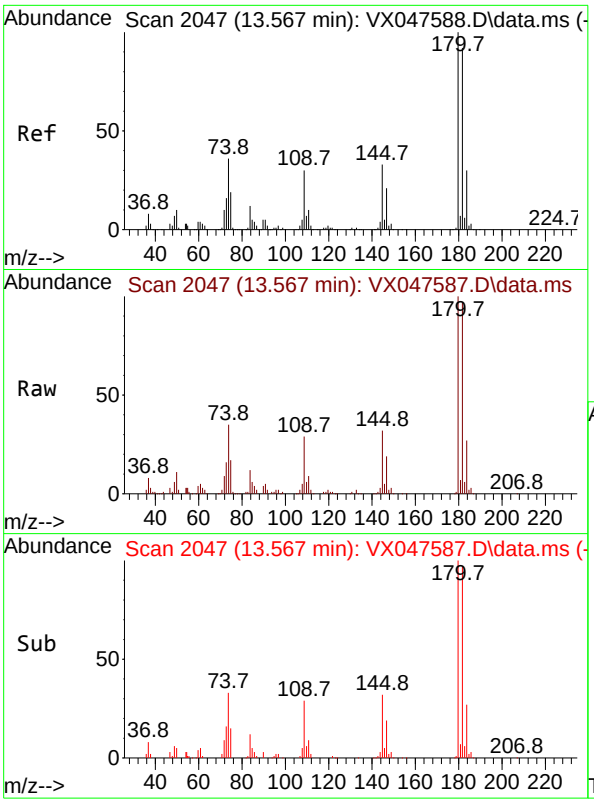


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.821 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 75 Resp: 13729

Ion	Ratio	Lower	Upper
75	100		
155	78.8	37.7	113.1
157	95.9	49.8	149.4



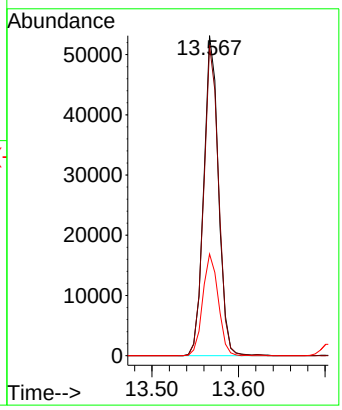


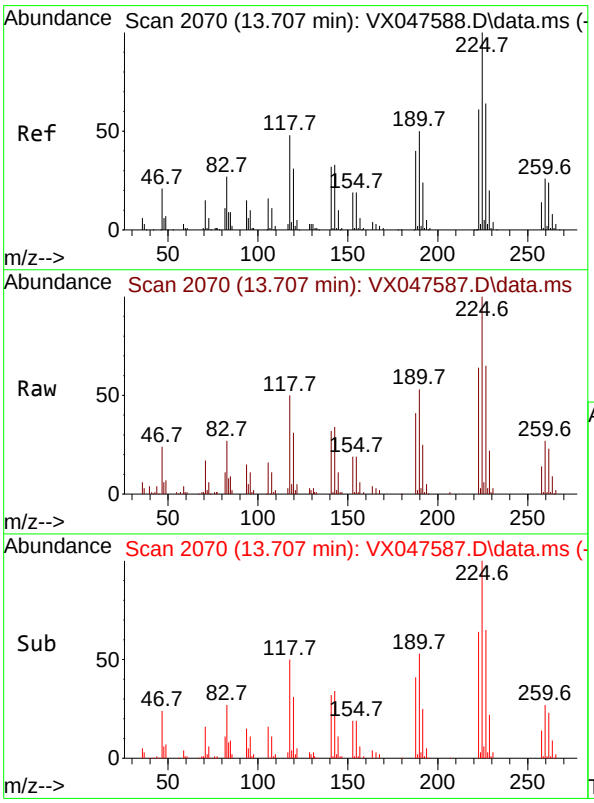
#93
1,2,4-Trichlorobenzene
Concen: 20.571 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:180 Resp: 62722

Ion	Ratio	Lower	Upper
180	100		
182	97.8	46.6	139.8
145	33.4	16.4	49.1

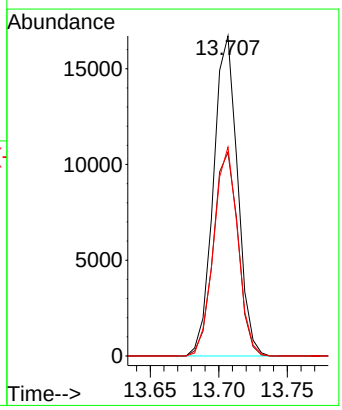


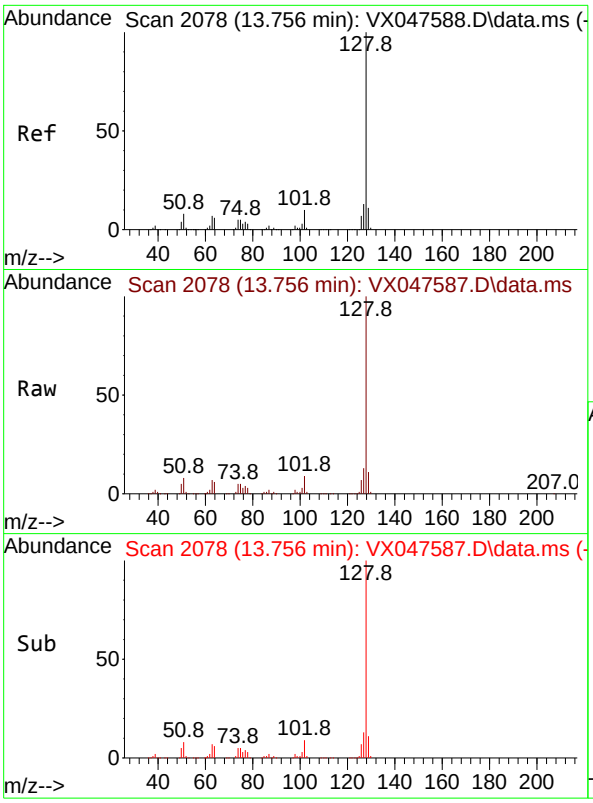


#94
Hexachlorobutadiene
Concen: 19.751 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:225 Resp: 20456

Ion	Ratio	Lower	Upper
225	100		
223	65.0	31.7	95.1
227	65.1	32.0	96.0



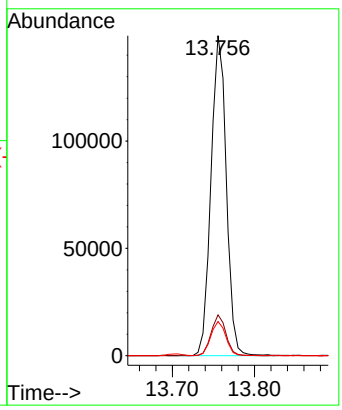


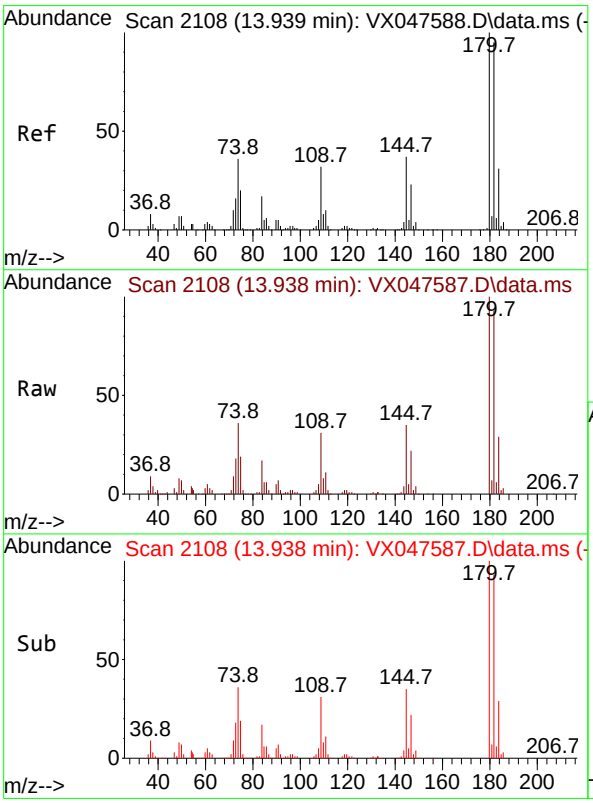
#95
Naphthalene
Concen: 20.801 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:128 Resp: 193134

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.2
129	10.5	8.8	13.2

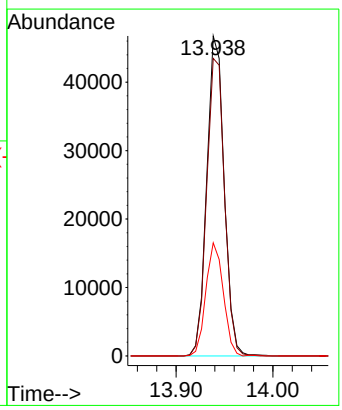




#96
1,2,3-Trichlorobenzene
Concen: 20.593 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:180 Resp: 58409

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.6	142.8
145	35.5	17.9	53.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Sep 22 01:50:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	173407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	307383	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	270040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	127732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	133606	48.404	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.800%		
35) Dibromofluoromethane	5.373	113	101627	49.298	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.600%		
50) Toluene-d8	8.635	98	352578	49.428	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.860%		
62) 4-Bromofluorobenzene	11.061	95	131217	48.471	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.940%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	86824	48.352	ug/l	100
3) Chloromethane	1.301	50	114682	48.594	ug/l	100
4) Vinyl Chloride	1.380	62	114666	49.635	ug/l	100
5) Bromomethane	1.618	94	73561	50.216	ug/l	100
6) Chloroethane	1.697	64	76736	49.698	ug/l	100
7) Trichlorofluoromethane	1.898	101	172561	50.307	ug/l	100
8) Diethyl Ether	2.136	74	70874	50.510	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	101178	50.445	ug/l	100
10) Methyl Iodide	2.459	142	158046	50.525	ug/l	100
11) Tert butyl alcohol	2.941	59	77232	251.232	ug/l	100
12) 1,1-Dichloroethene	2.325	96	104724	50.831	ug/l	100
13) Acrolein	2.239	56	70721	249.645	ug/l	100
14) Allyl chloride	2.666	41	210001	49.396	ug/l	100
15) Acrylonitrile	3.063	53	300642	264.027	ug/l	100
16) Acetone	2.374	43	275065	229.193	ug/l	100
17) Carbon Disulfide	2.520	76	271480	48.133	ug/l	100
18) Methyl Acetate	2.703	43	151968	56.897	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	389607	51.804	ug/l	100
20) Methylene Chloride	2.788	84	126506	49.798	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	112553	50.743	ug/l	100
22) Diisopropyl ether	3.758	45	429524	52.131	ug/l	100
23) Vinyl Acetate	3.715	43	1726735	261.852	ug/l	100
24) 1,1-Dichloroethane	3.605	63	224824	51.338	ug/l	100
25) 2-Butanone	4.538	43	380335	254.060	ug/l	100
26) 2,2-Dichloropropane	4.465	77	185247	50.888	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	140105	51.576	ug/l	100
28) Bromochloromethane	4.891	49	99991	52.301	ug/l	100
29) Tetrahydrofuran	4.989	42	238677	265.026	ug/l	100
30) Chloroform	5.080	83	229430	51.844	ug/l	100
31) Cyclohexane	5.458	56	178546	48.952	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	195407	52.058	ug/l	100
36) 1,1-Dichloropropene	5.684	75	149800	49.729	ug/l	100
37) Ethyl Acetate	4.702	43	163482	50.687	ug/l	100
38) Carbon Tetrachloride	5.672	117	165730	50.637	ug/l	100
39) Methylcyclohexane	7.367	83	173610	50.773	ug/l	100
40) Benzene	6.025	78	468136	51.167	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Sep 22 01:50:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	87761	52.707	ug/l		100
42) 1,2-Dichloroethane	6.074	62	179037	51.431	ug/l		100
43) Isopropyl Acetate	6.324	43	275572	52.096	ug/l		100
44) Trichloroethene	7.111	130	113832	51.463	ug/l		100
45) 1,2-Dichloropropane	7.415	63	122109	52.122	ug/l		100
46) Dibromomethane	7.568	93	88505	51.914	ug/l		100
47) Bromodichloromethane	7.806	83	186540	53.025	ug/l		100
48) Methyl methacrylate	7.678	41	138167	52.438	ug/l		100
49) 1,4-Dioxane	7.647	88	29496	1107.698	ug/l		100
51) 4-Methyl-2-Pentanone	8.562	43	784978	267.650	ug/l		100
52) Toluene	8.702	92	288853	51.244	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	190282	53.027	ug/l		100
54) cis-1,3-Dichloropropene	8.354	75	200859	52.369	ug/l		100
55) 1,1,2-Trichloroethane	9.135	97	112837	51.915	ug/l		100
56) Ethyl methacrylate	9.104	69	184087	53.930	ug/l		100
57) 1,3-Dichloropropane	9.293	76	195989	52.492	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	418707	256.309	ug/l		100
59) 2-Hexanone	9.415	43	553313	262.683	ug/l		100
60) Dibromochloromethane	9.506	129	133737	53.401	ug/l		100
61) 1,2-Dibromoethane	9.592	107	116462	52.607	ug/l		100
64) Tetrachloroethene	9.257	164	88149	50.074	ug/l		100
65) Chlorobenzene	10.061	112	317982	51.833	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.147	131	111849	52.835	ug/l		100
67) Ethyl Benzene	10.177	91	550610	52.017	ug/l		100
68) m/p-Xylenes	10.287	106	412932	104.809	ug/l		100
69) o-Xylene	10.622	106	202291	53.084	ug/l		100
70) Styrene	10.640	104	350654	52.515	ug/l		100
71) Bromoform	10.781	173	84485	53.447	ug/l	#	100
73) Isopropylbenzene	10.945	105	516891	53.227	ug/l		100
74) N-amyl acetate	10.829	43	237846	53.710	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	156454	53.251	ug/l		100
76) 1,2,3-Trichloropropane	11.220	75	178309	68.947	ug/l		88
77) Bromobenzene	11.183	156	126174	52.754	ug/l		100
78) n-propylbenzene	11.287	91	612035	53.315	ug/l		100
79) 2-Chlorotoluene	11.348	91	372397	52.965	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	426989	53.518	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	52927	52.190	ug/l		100
82) 4-Chlorotoluene	11.439	91	438502	52.806	ug/l		100
83) tert-Butylbenzene	11.695	119	429107	52.539	ug/l		100
84) 1,2,4-Trimethylbenzene	11.732	105	427073	52.798	ug/l		100
85) sec-Butylbenzene	11.872	105	514442	53.029	ug/l		100
86) p-Isopropyltoluene	11.994	119	436704	53.172	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	232038	52.232	ug/l		100
88) 1,4-Dichlorobenzene	12.024	146	233975	51.316	ug/l		100
89) n-Butylbenzene	12.311	91	400997	52.766	ug/l		100
90) Hexachloroethane	12.518	117	75800	52.567	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	222993	52.688	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.921	75	32451	54.554	ug/l		100
93) 1,2,4-Trichlorobenzene	13.567	180	147670	53.685	ug/l		100
94) Hexachlorobutadiene	13.707	225	49061	52.510	ug/l		100
95) Naphthalene	13.756	128	452013	53.966	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	138978	54.316	ug/l		100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Sep 22 01:50:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

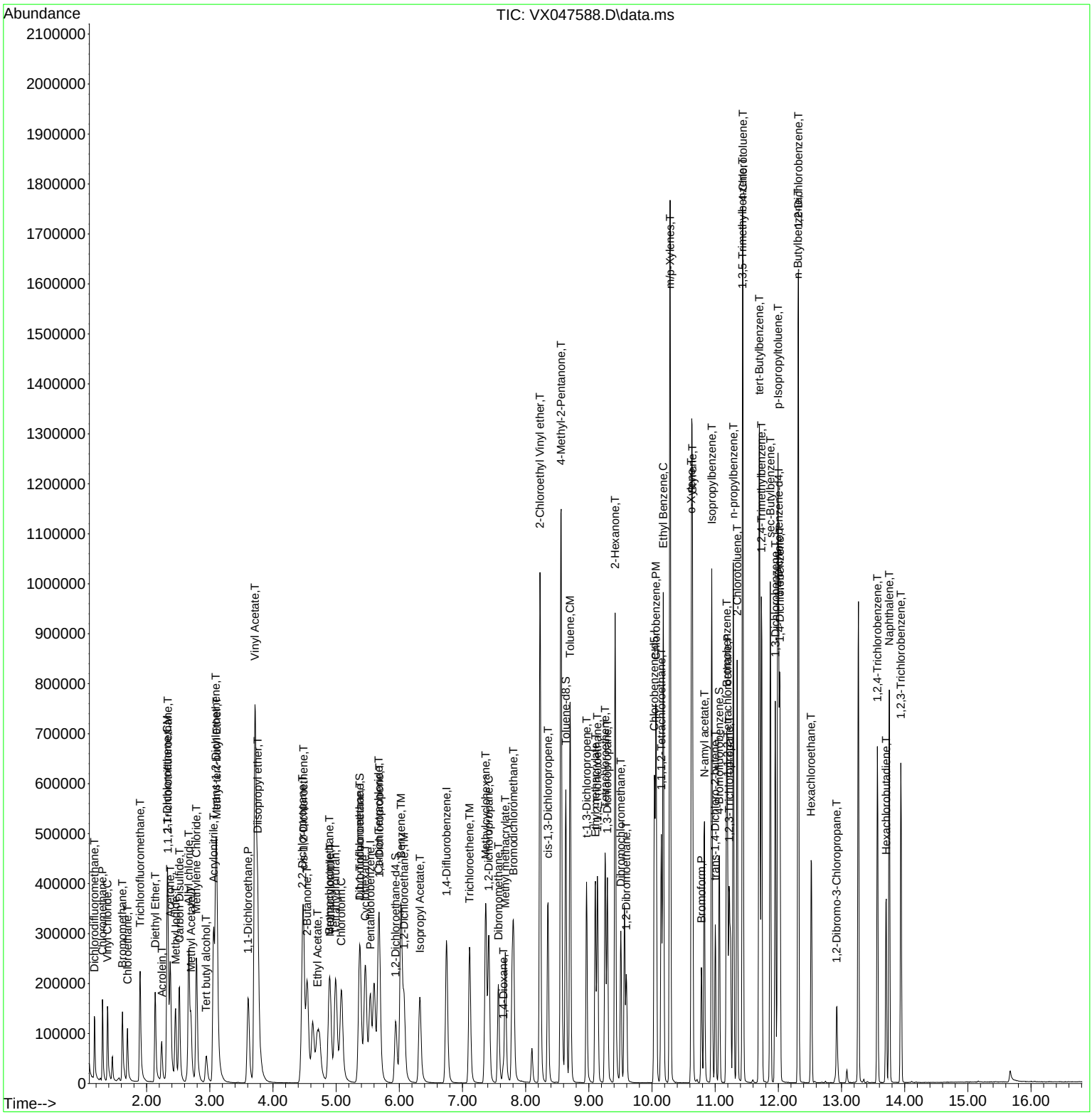
(#) = qualifier out of range (m) = manual integration (+) = signals summed

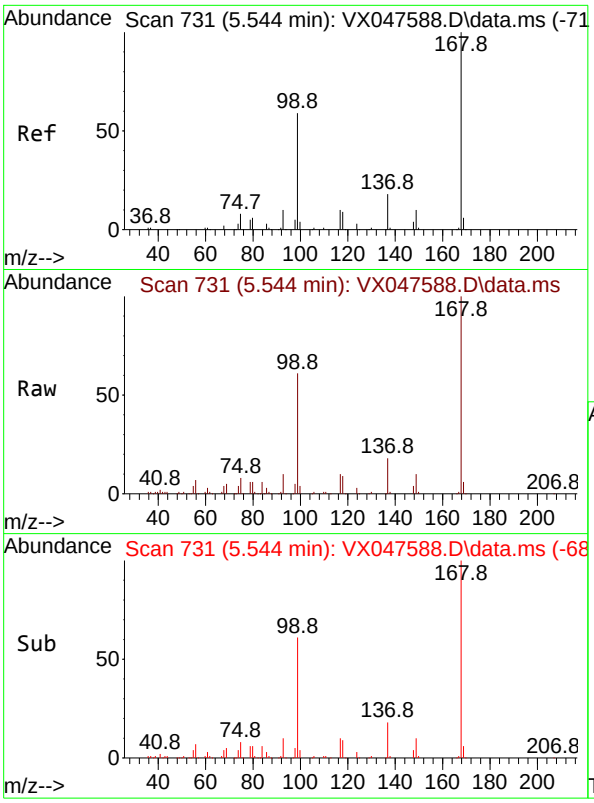
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Sep 22 01:50:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



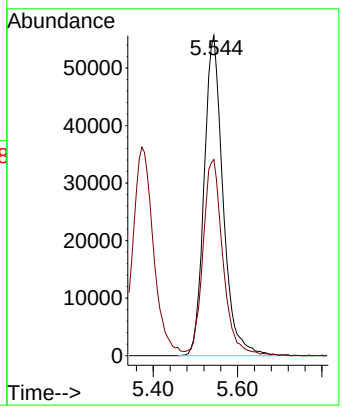


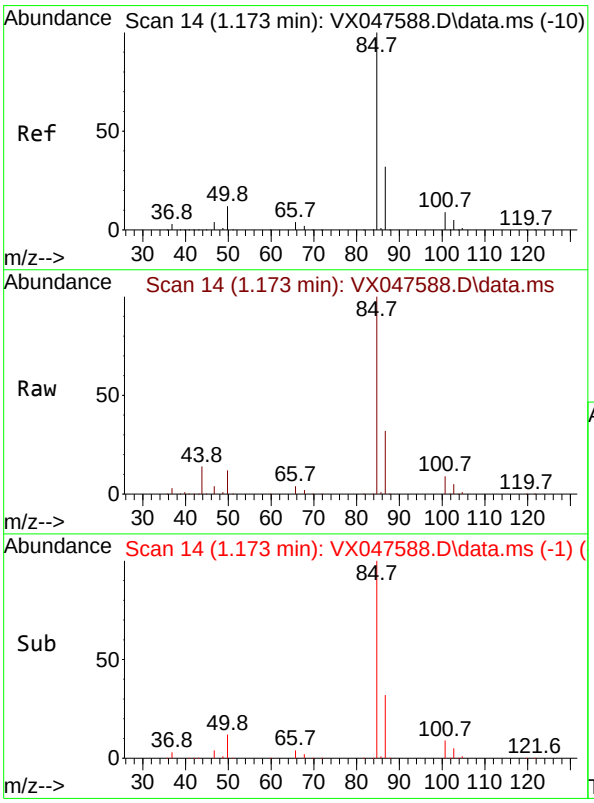
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:168 Resp: 173407

Ion	Ratio	Lower	Upper
168	100		
99	61.0	48.8	73.2

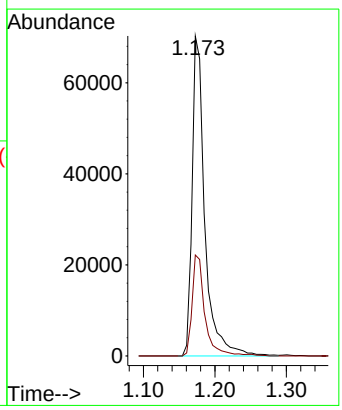


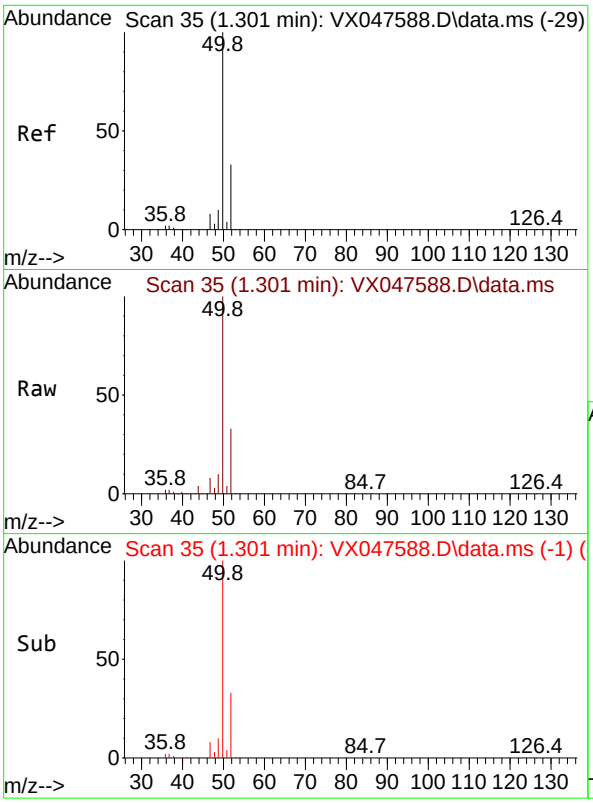


#2
Dichlorodifluoromethane
Concen: 48.352 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 85 Resp: 86824

Ion	Ratio	Lower	Upper
85	100		
87	31.5	15.8	47.3



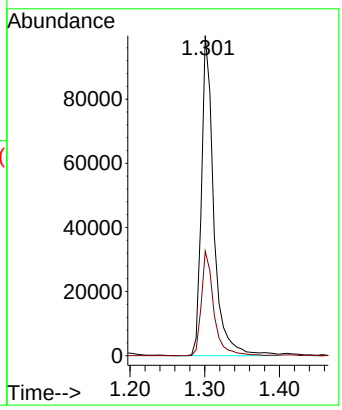


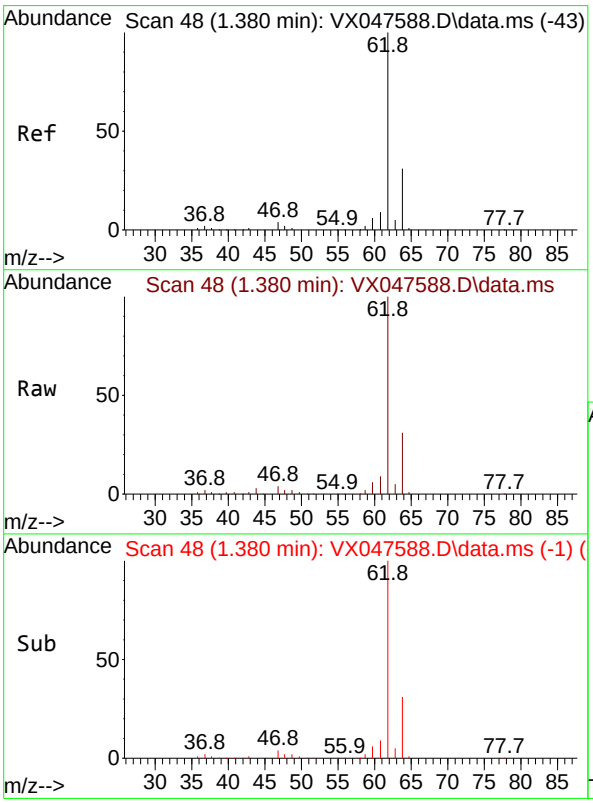
#3
Chloromethane
Concen: 48.594 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 50 Resp: 114682

Ion	Ratio	Lower	Upper
50	100		
52	32.6	26.1	39.1

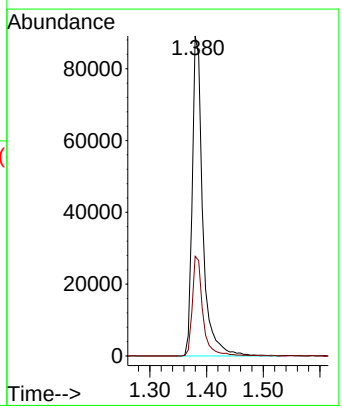


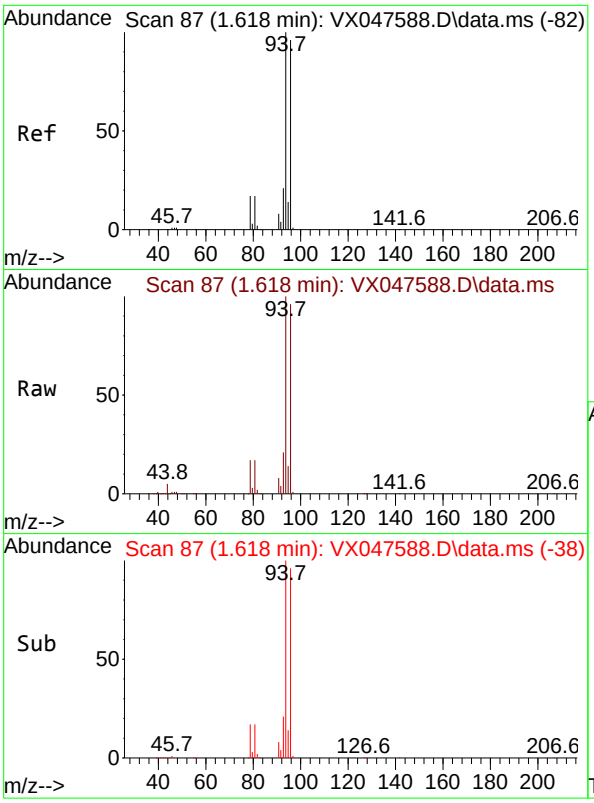


#4
Vinyl Chloride
Concen: 49.635 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 62 Resp: 114666

Ion	Ratio	Lower	Upper
62	100		
64	31.1	24.9	37.3



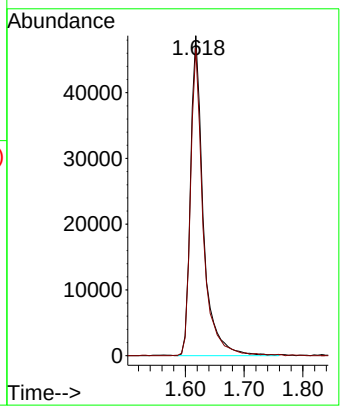


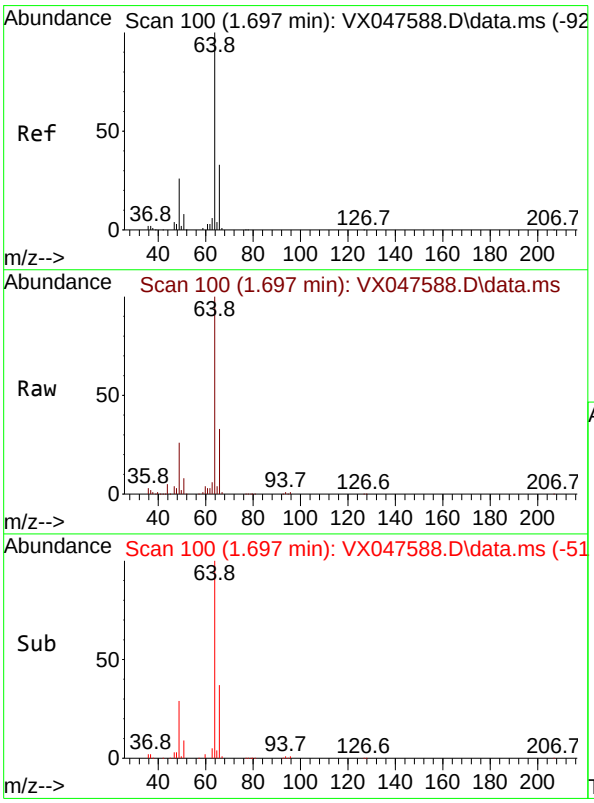
#5
Bromomethane
Concen: 50.216 ug/l
RT: 1.618 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 94 Resp: 73561

Ion	Ratio	Lower	Upper
94	100		
96	95.8	76.6	115.0

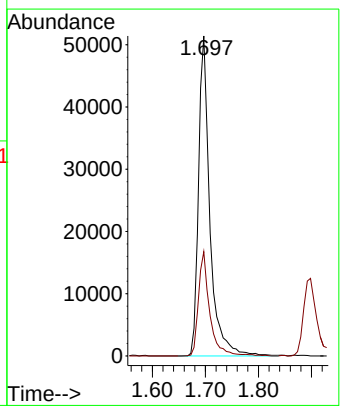


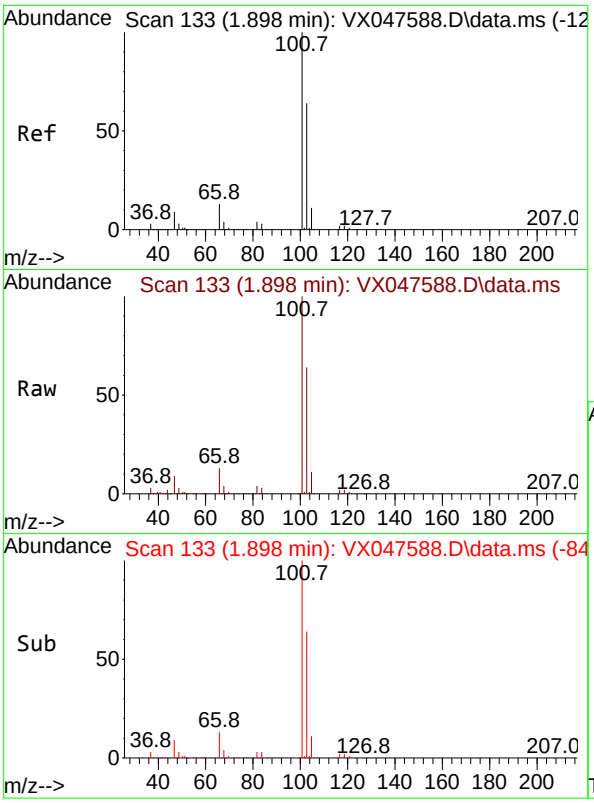


#6
Chloroethane
Concen: 49.698 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 64 Resp: 76736

Ion	Ratio	Lower	Upper
64	100		
66	32.6	26.1	39.1



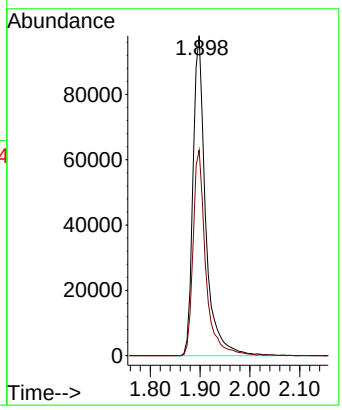


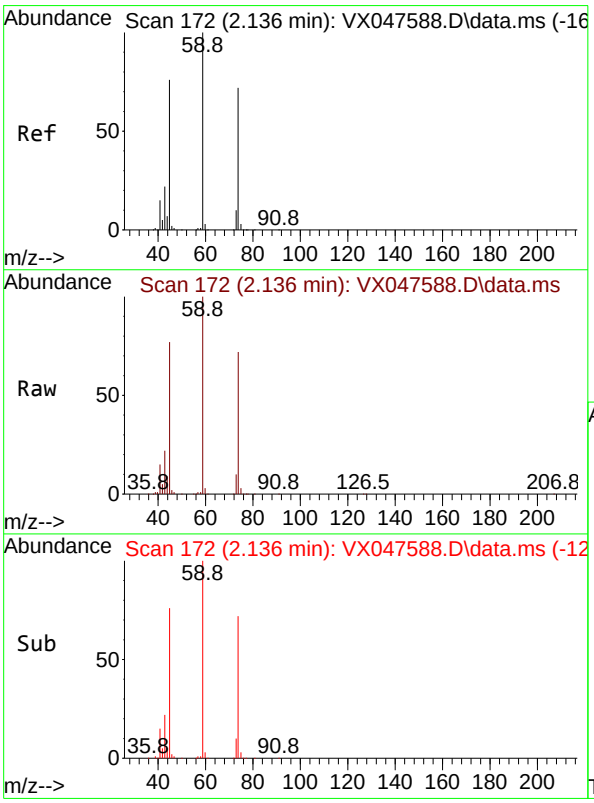
#7
Trichlorofluoromethane
Concen: 50.307 ug/l
RT: 1.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 172561

Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.4	77.2

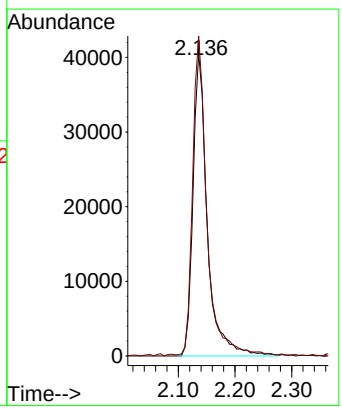


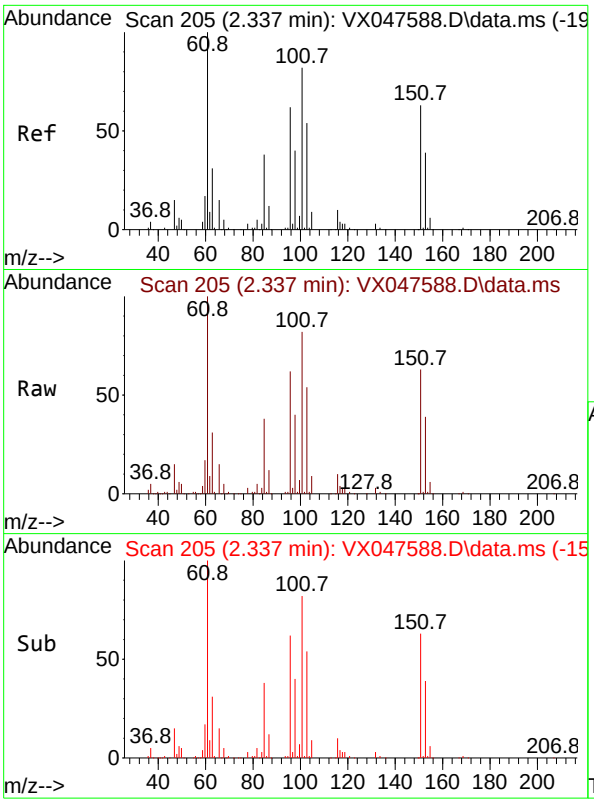


#8
Diethyl Ether
Concen: 50.510 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 74 Resp: 70874

Ion	Ratio	Lower	Upper
74	100		
45	104.5	52.3	156.8



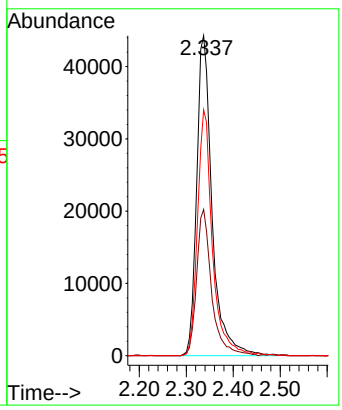


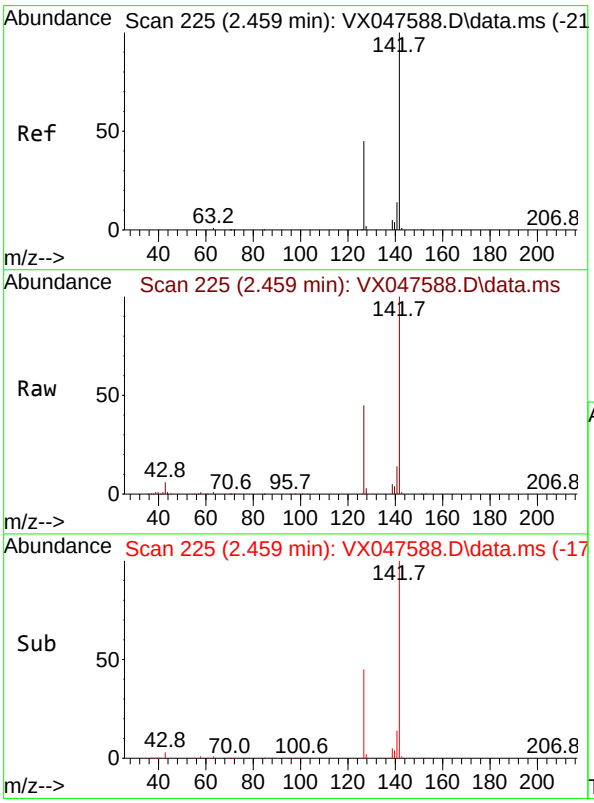
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.445 ug/l
RT: 2.337 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 101178

Ion	Ratio	Lower	Upper
101	100		
85	44.4	35.5	53.3
151	74.2	59.4	89.0

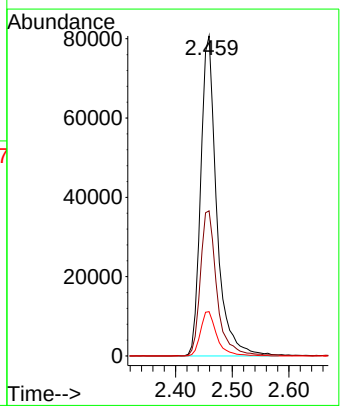


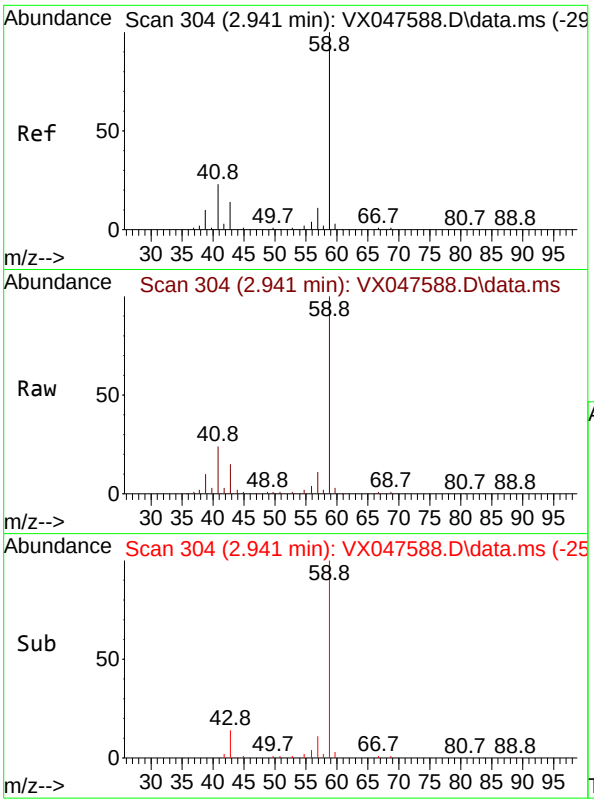


#10
Methyl Iodide
Concen: 50.525 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:142 Resp: 158046

Ion	Ratio	Lower	Upper
142	100		
127	46.5	37.2	55.8
141	14.2	11.4	17.0



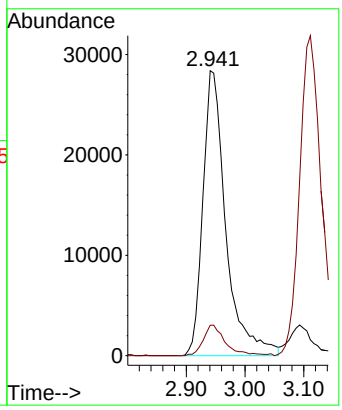


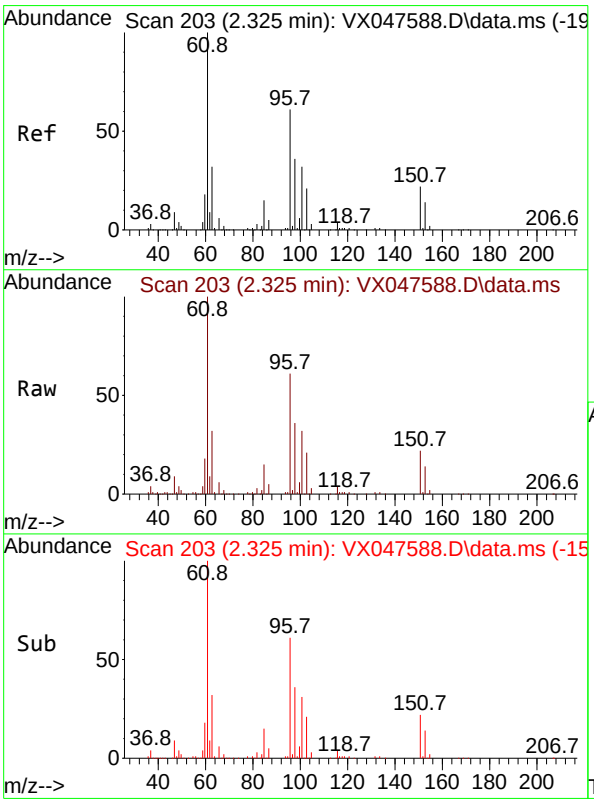
#11
Tert butyl alcohol
Concen: 251.232 ug/l
RT: 2.941 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 77232

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

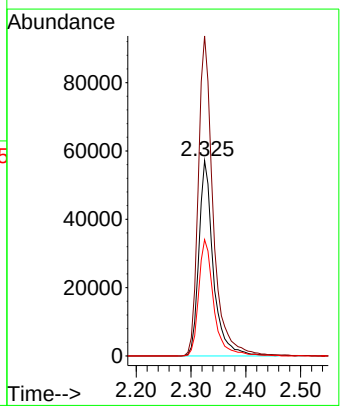


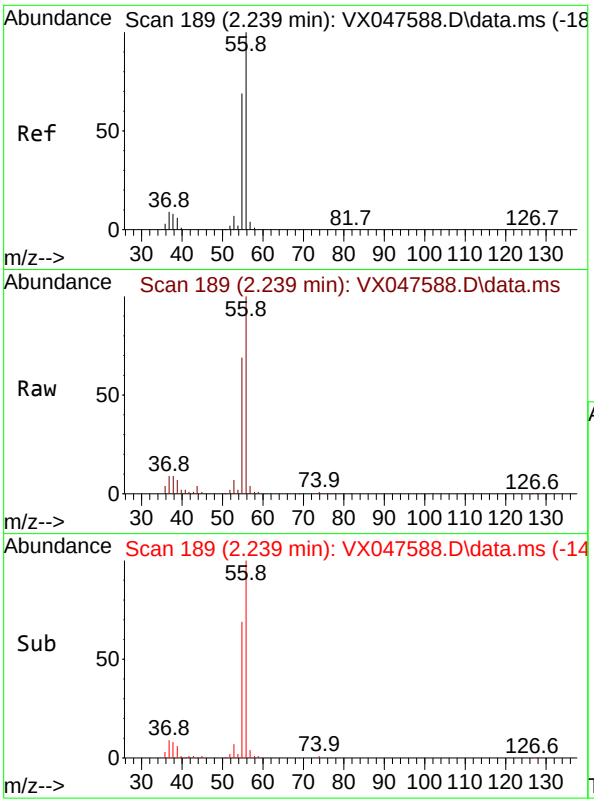


#12
1,1-Dichloroethene
Concen: 50.831 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 96 Resp: 104724

Ion	Ratio	Lower	Upper
96	100		
61	163.8	131.0	196.6
98	59.6	47.7	71.5



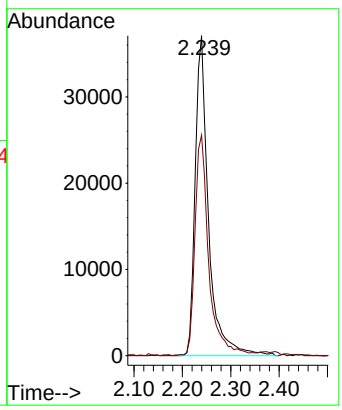


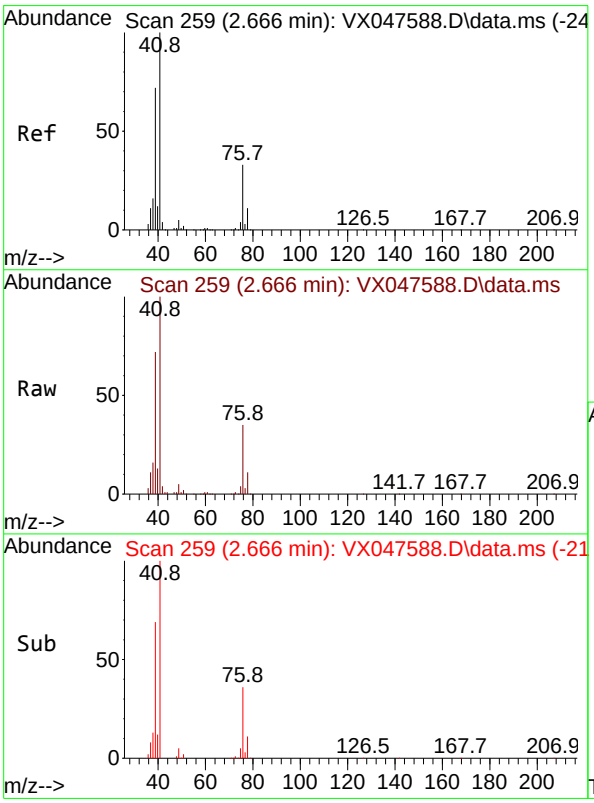
#13
Acrolein
Concen: 249.645 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 70721

Ion	Ratio	Lower	Upper
56	100		
55	71.5	57.2	85.8

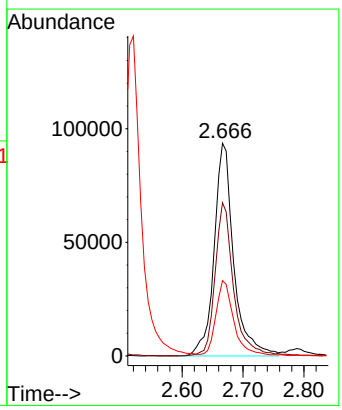


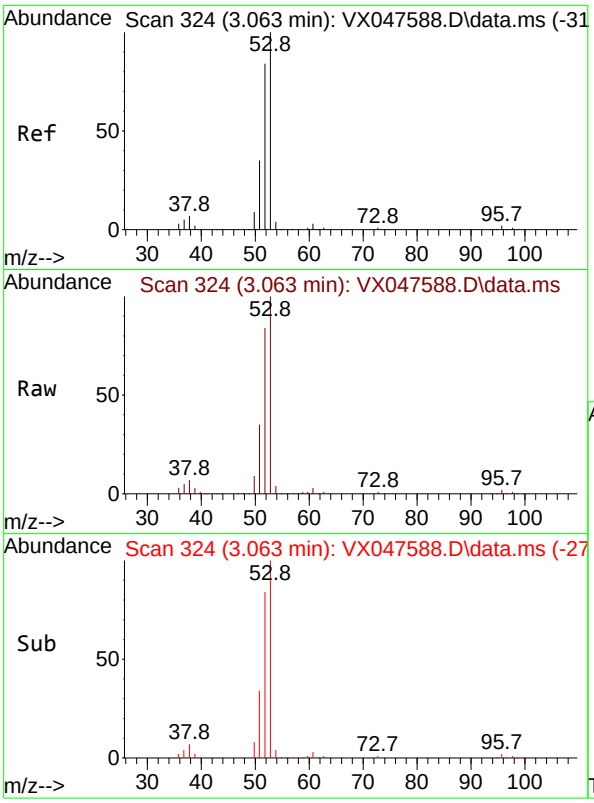


#14
Allyl chloride
Concen: 49.396 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 41 Resp: 210001

Ion	Ratio	Lower	Upper
41	100		
39	68.4	54.7	82.1
76	32.1	25.7	38.5



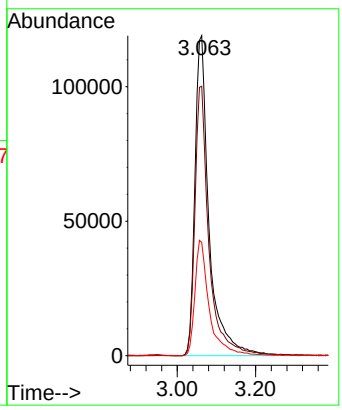


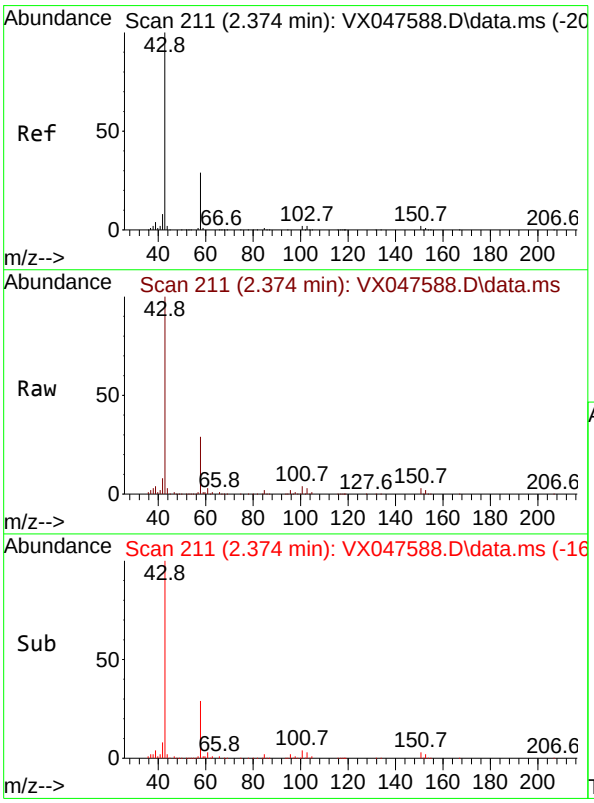
#15
Acrylonitrile
Concen: 264.027 ug/l
RT: 3.063 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 53 Resp: 300642

Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.4	99.6
51	36.9	29.5	44.3

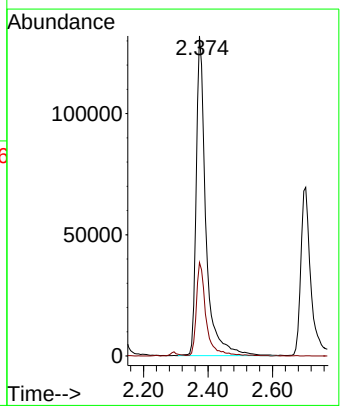


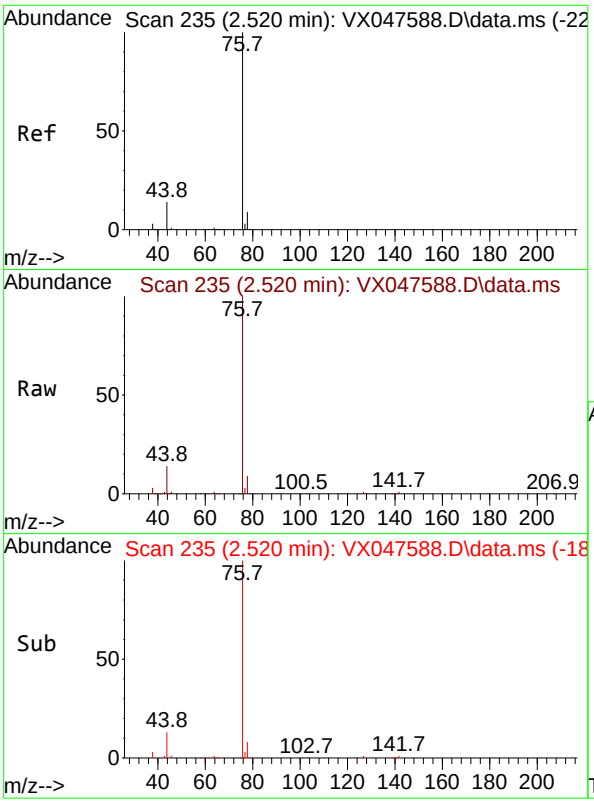


#16
Acetone
Concen: 229.193 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 275065

Ion	Ratio	Lower	Upper
43	100		
58	29.2	23.4	35.0



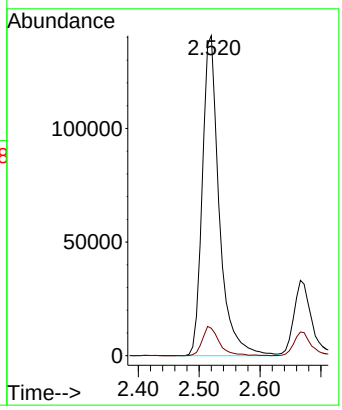


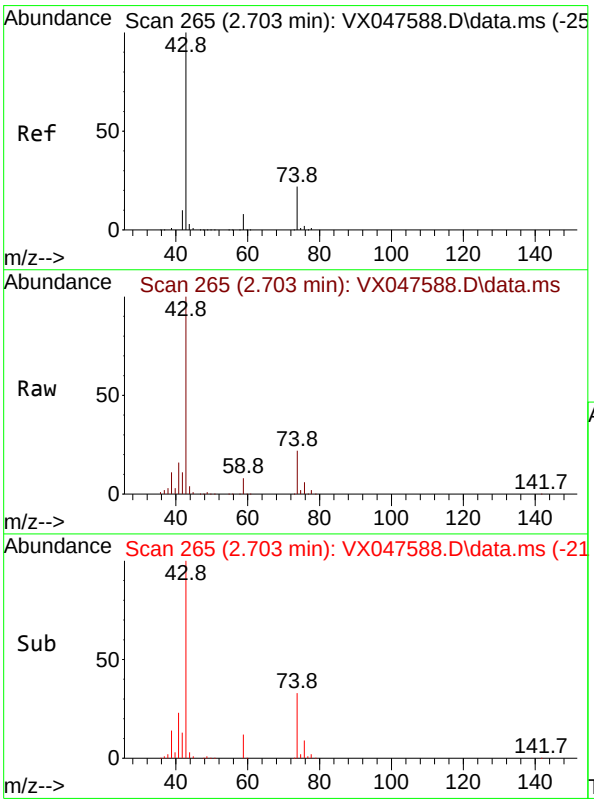
#17
Carbon Disulfide
Concen: 48.133 ug/l
RT: 2.520 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 271480

Ion	Ratio	Lower	Upper
76	100		
78	8.5	6.8	10.2

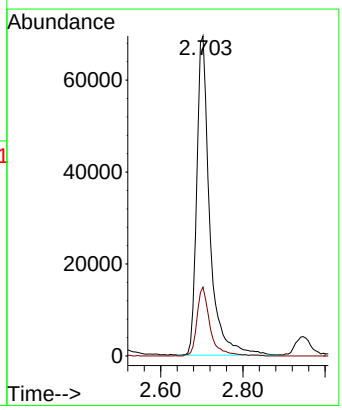


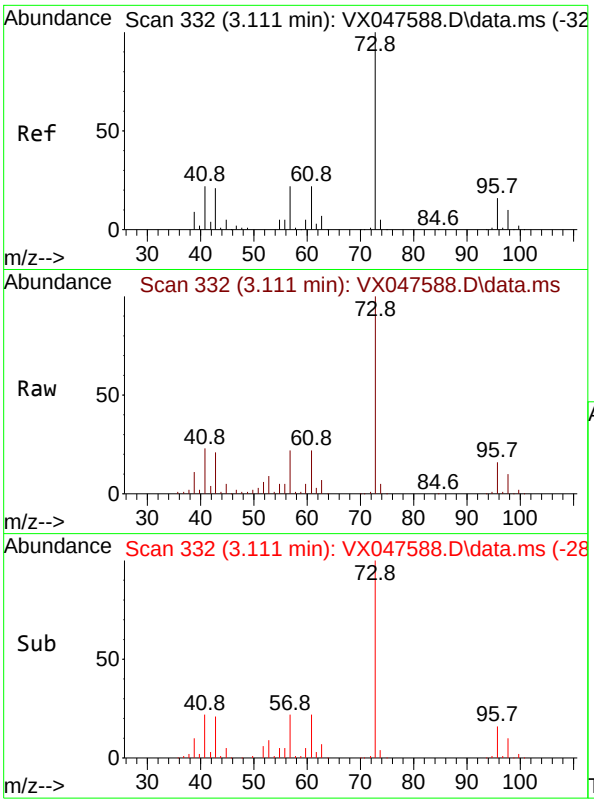


#18
Methyl Acetate
Concen: 56.897 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 151968

Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.4	26.2



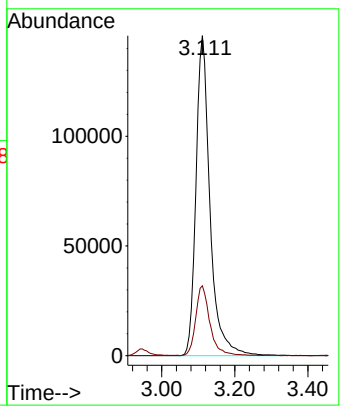


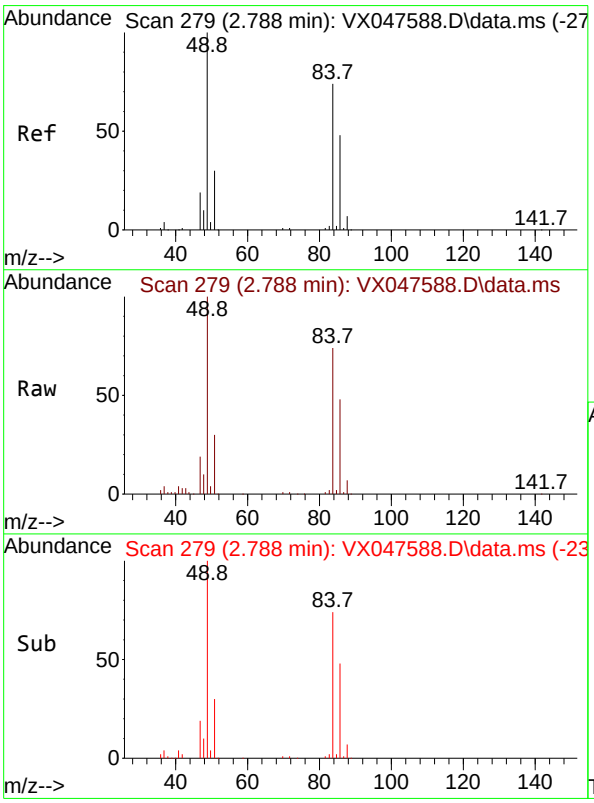
#19
Methyl tert-butyl Ether
Concen: 51.804 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 389607

Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.4	26.2

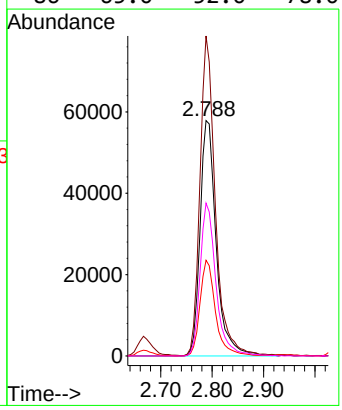


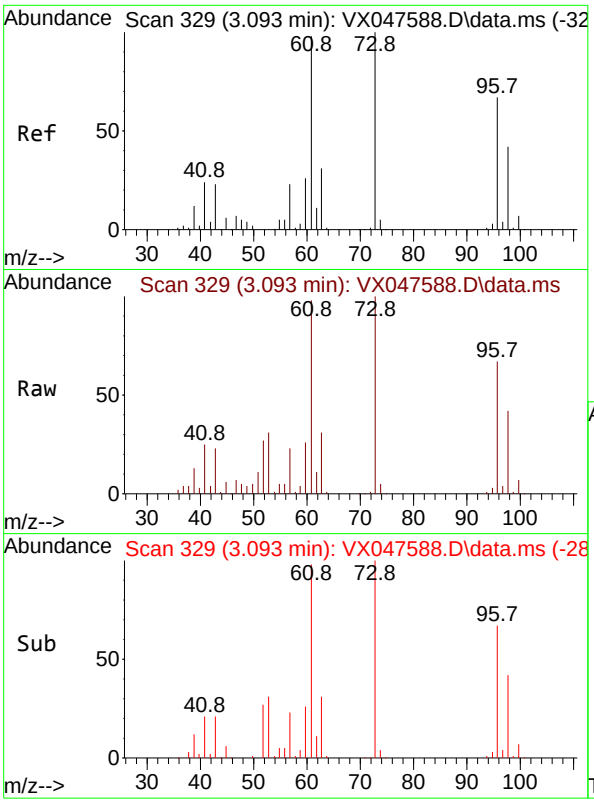


#20
Methylene Chloride
Concen: 49.798 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 84 Resp: 126506

Ion	Ratio	Lower	Upper
84	100		
49	135.7	108.6	162.8
51	40.7	32.6	48.8
86	65.0	52.0	78.0



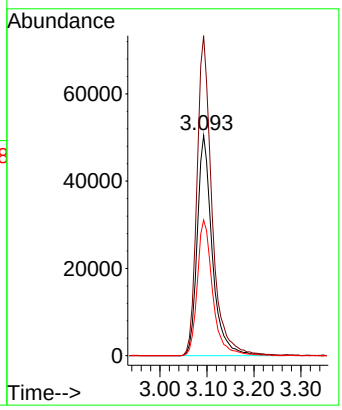


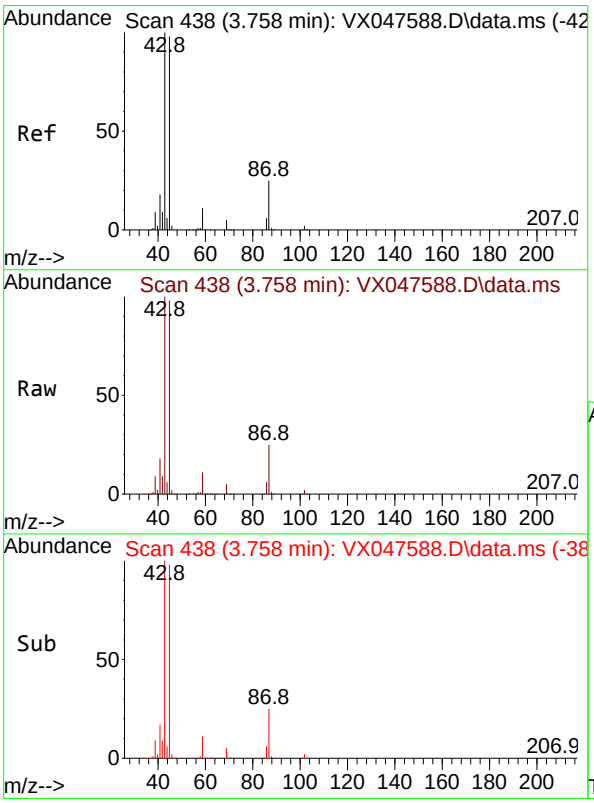
#21
trans-1,2-Dichloroethene
Concen: 50.743 ug/l
RT: 3.093 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 112553

Ion	Ratio	Lower	Upper
96	100		
61	145.2	116.2	174.2
98	61.6	49.3	73.9

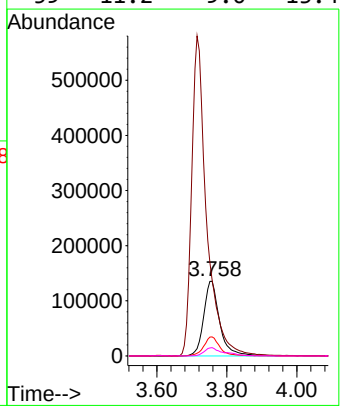


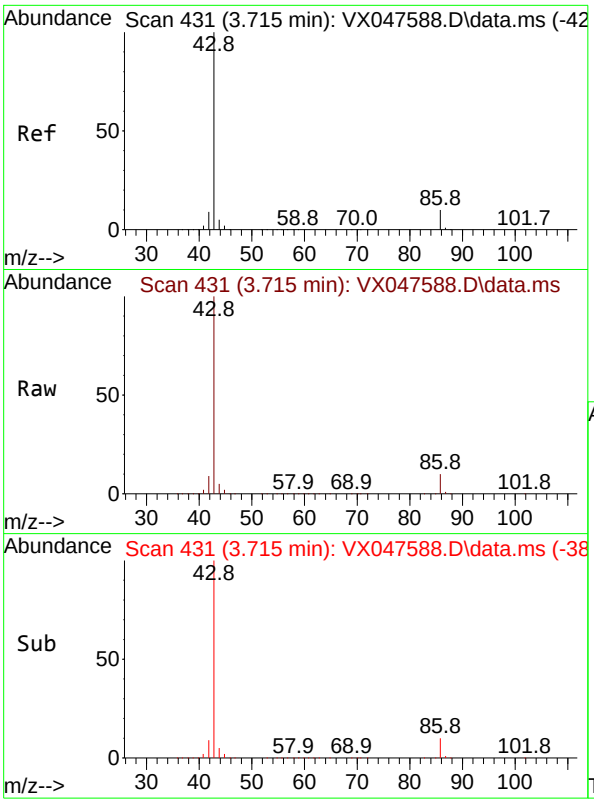


#22
Diisopropyl ether
Concen: 52.131 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 45 Resp: 429524

Ion	Ratio	Lower	Upper
45	100		
43	101.2	81.0	121.4
87	25.4	20.3	30.5
59	11.2	9.0	13.4



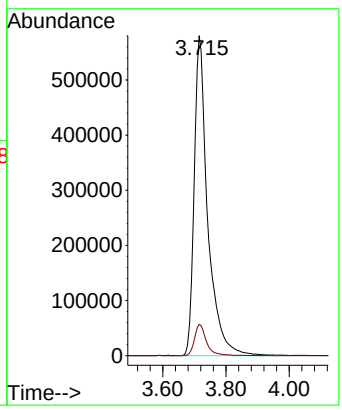


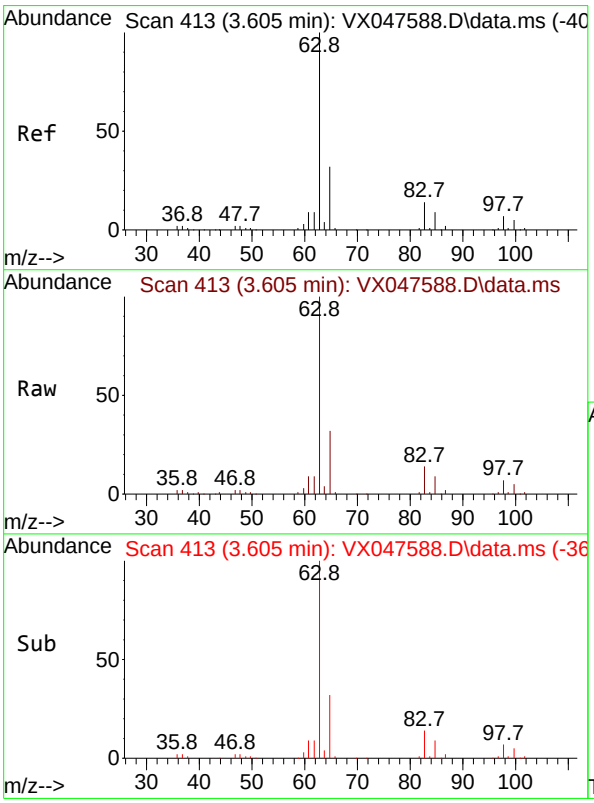
#23
Vinyl Acetate
Concen: 261.852 ug/l
RT: 3.715 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 1726735

Ion	Ratio	Lower	Upper
43	100		
86	9.8	7.8	11.8

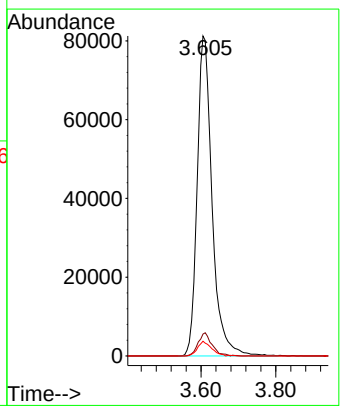


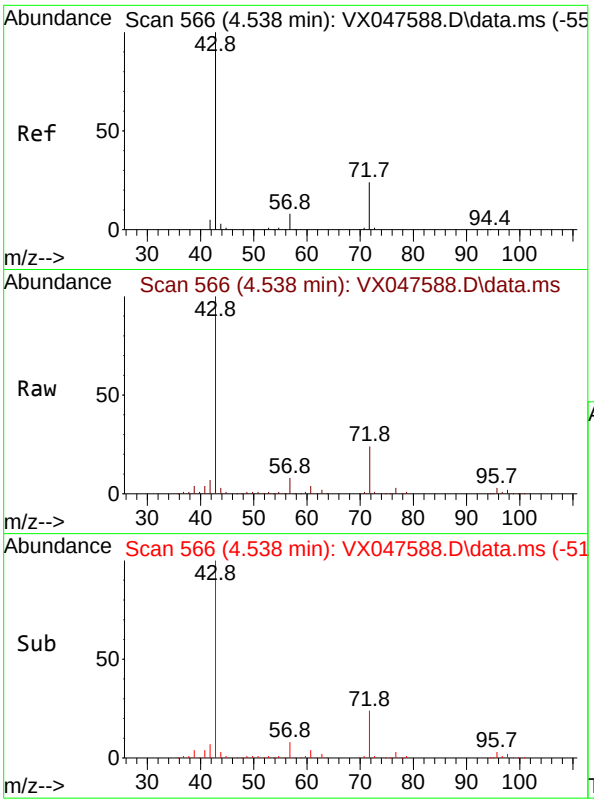


#24
1,1-Dichloroethane
Concen: 51.338 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 63 Resp: 224824

Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.8	11.2
100	4.6	2.3	6.9



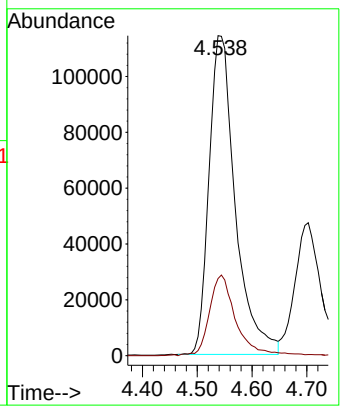


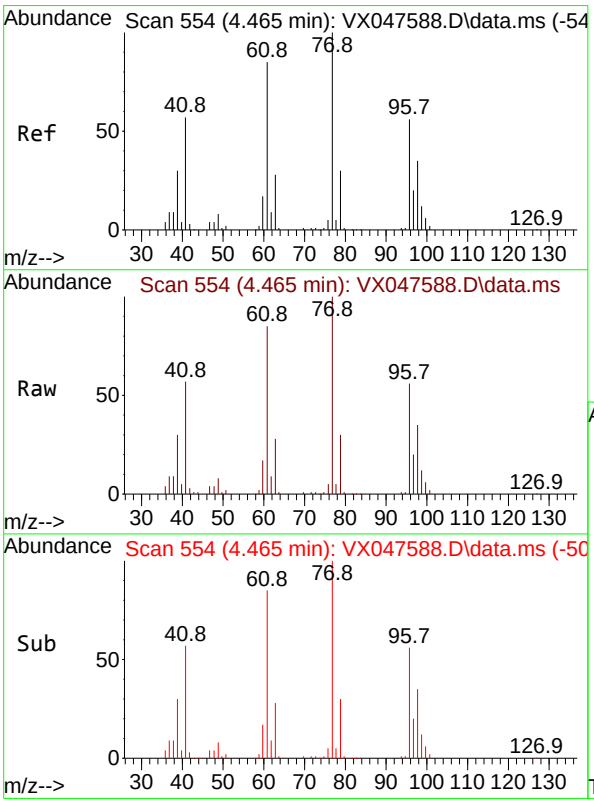
#25
2-Butanone
Concen: 254.060 ug/l
RT: 4.538 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 380335

Ion	Ratio	Lower	Upper
43	100		
72	25.1	20.1	30.1

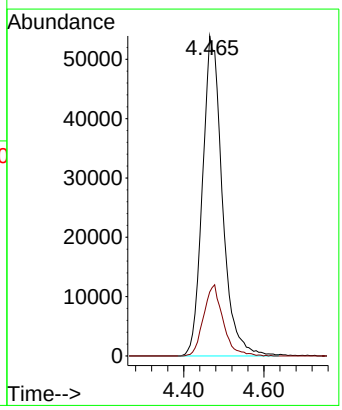


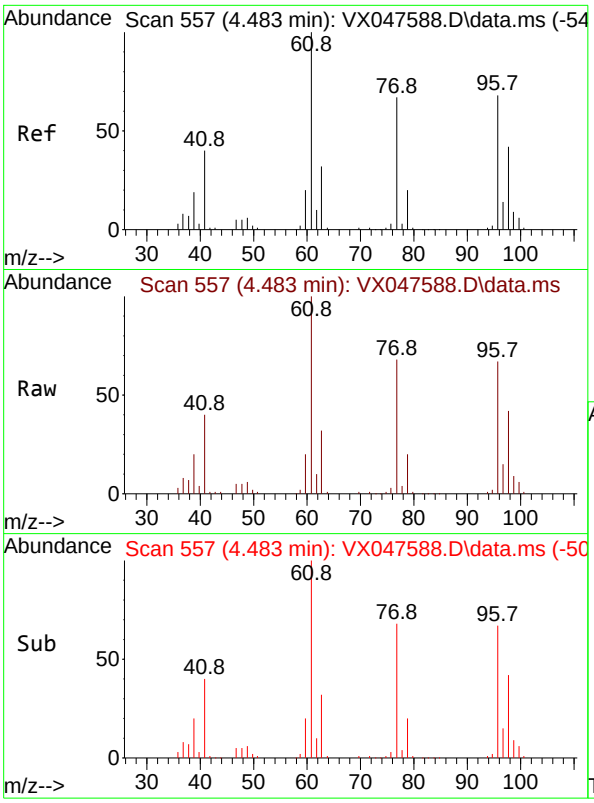


#26
2,2-Dichloropropane
Concen: 50.888 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 77 Resp: 185247

Ion	Ratio	Lower	Upper
77	100		
97	21.8	10.9	32.7



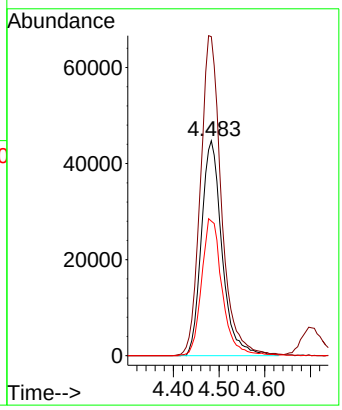


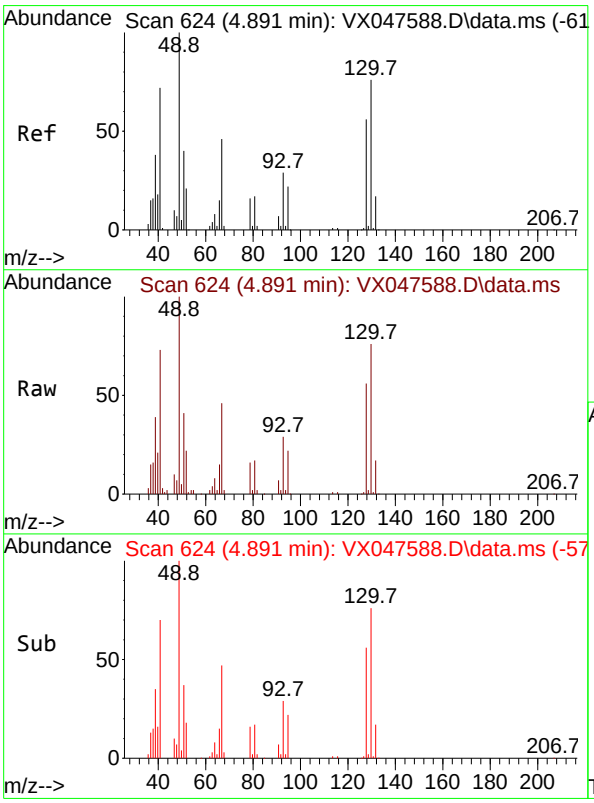
#27
cis-1,2-Dichloroethene
Concen: 51.576 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 140105

Ion	Ratio	Lower	Upper
96	100		
61	151.6	0.0	303.2
98	63.9	0.0	127.8

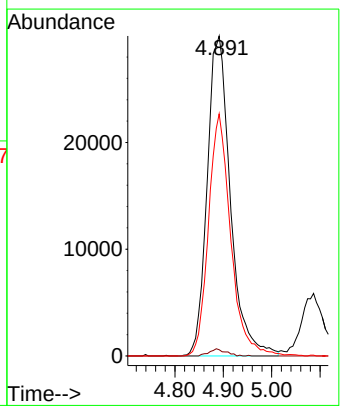


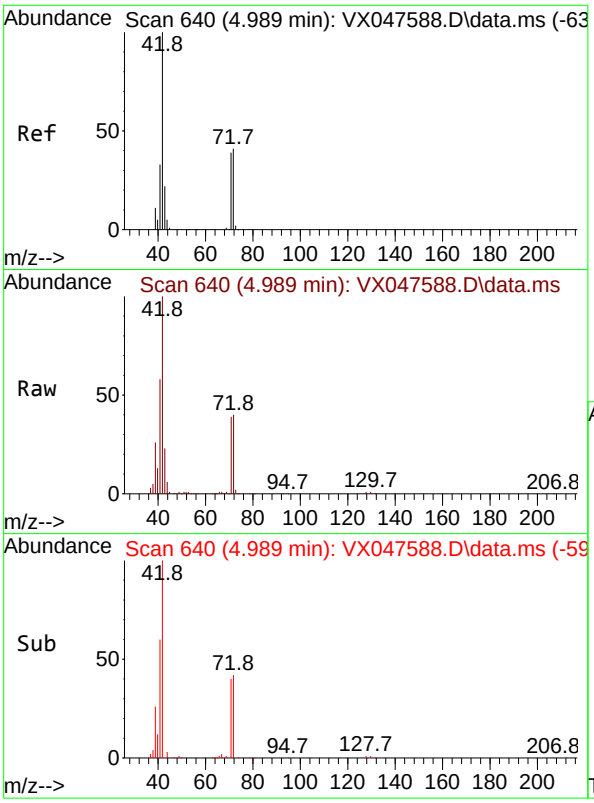


#28
Bromochloromethane
Concen: 52.301 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 49 Resp: 99991

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.2
130	72.3	57.8	86.8



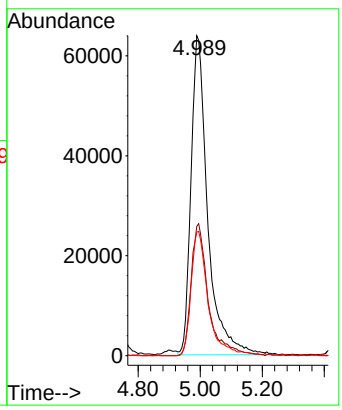


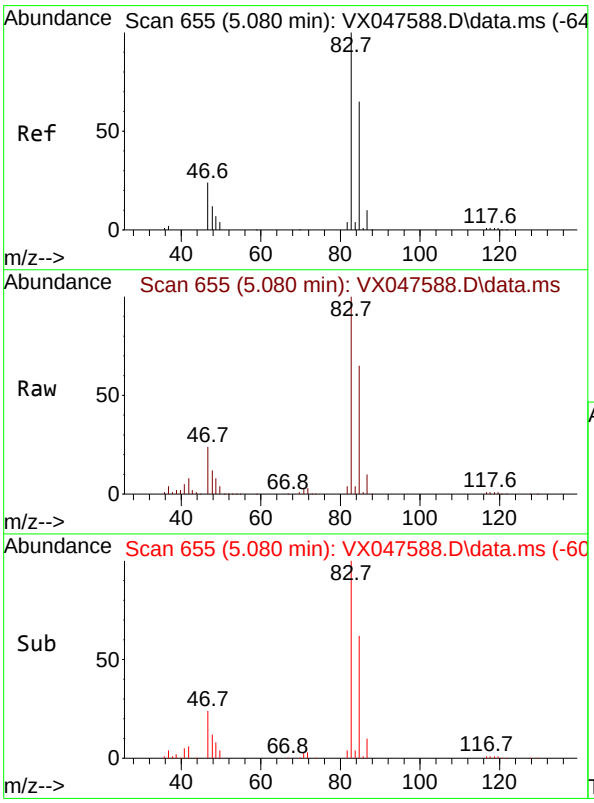
#29
Tetrahydrofuran
Concen: 265.026 ug/l
RT: 4.989 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 238677

Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.2	51.2
71	39.9	31.9	47.9

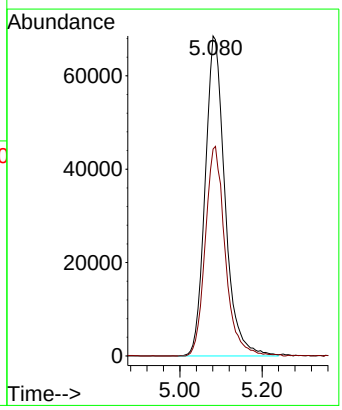


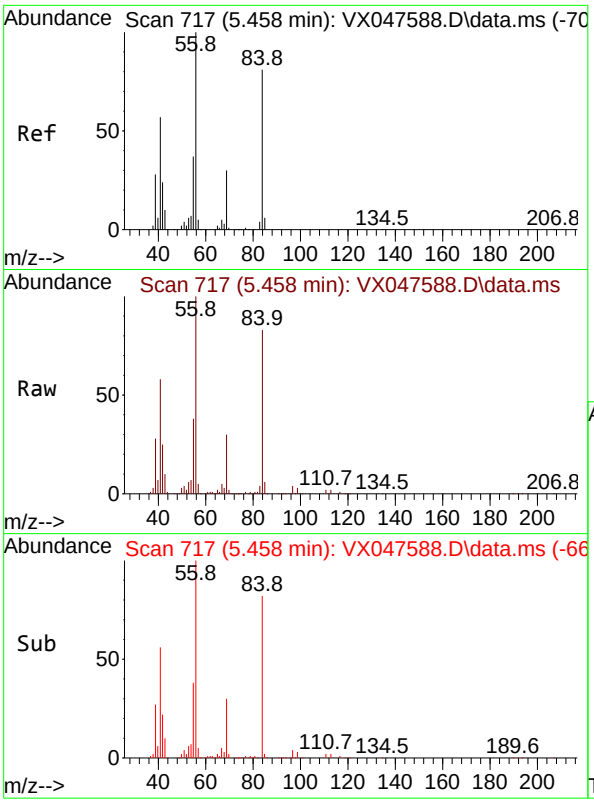


#30
Chloroform
Concen: 51.844 ug/l
RT: 5.080 min Scan# 655
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 83 Resp: 229430

Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.8	77.6



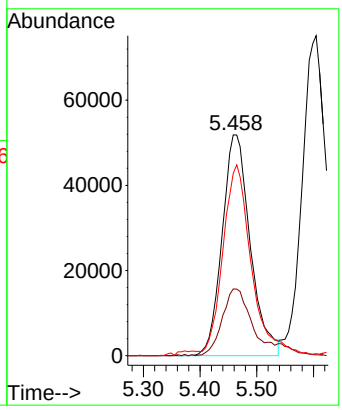


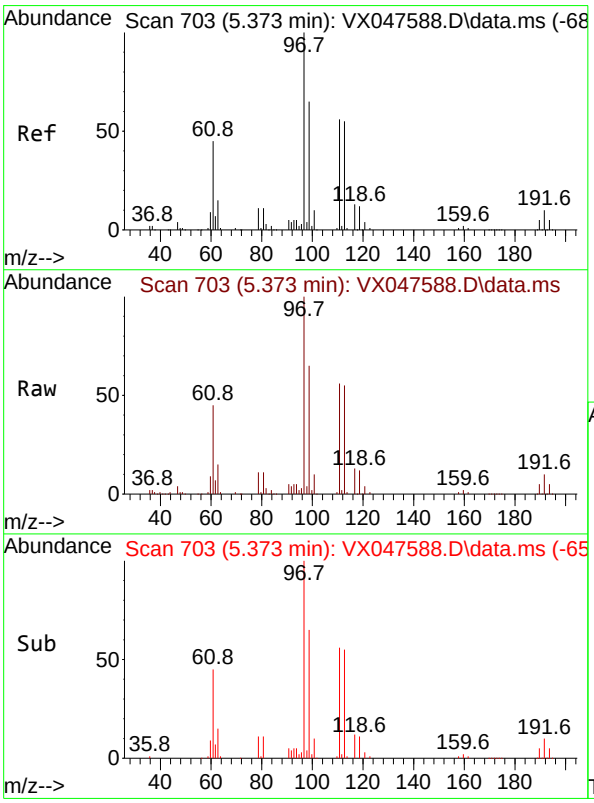
#31
Cyclohexane
Concen: 48.952 ug/l
RT: 5.458 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 178546

Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.8	35.8
84	80.8	64.6	97.0

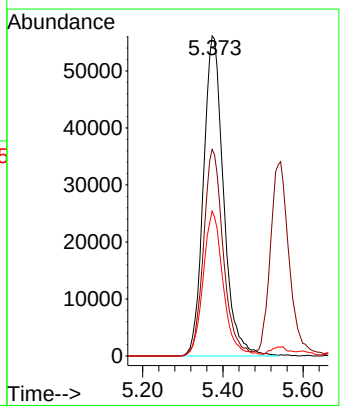


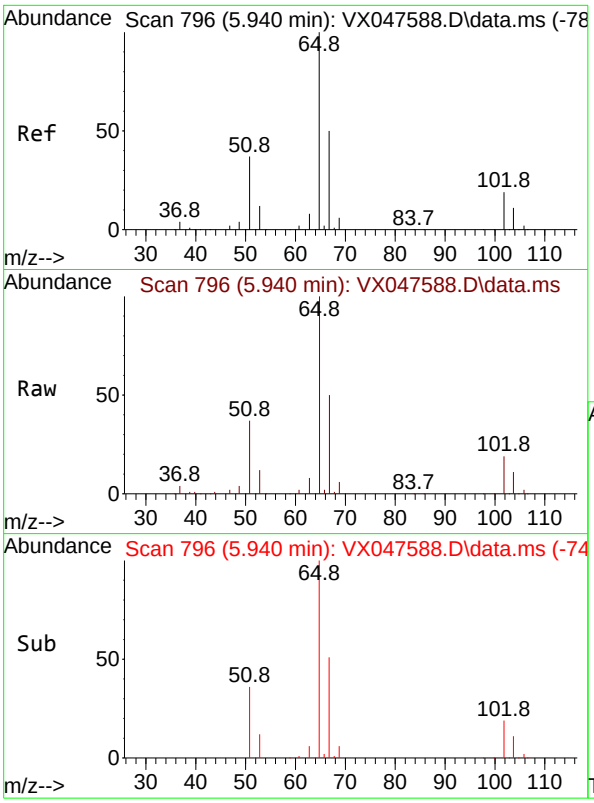


#32
1,1,1-Trichloroethane
Concen: 52.058 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 97 Resp: 195407

Ion	Ratio	Lower	Upper
97	100		
99	63.3	50.6	76.0
61	44.8	35.8	53.8



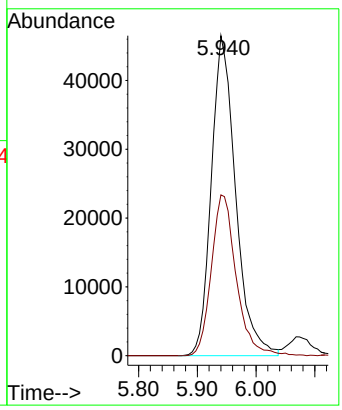


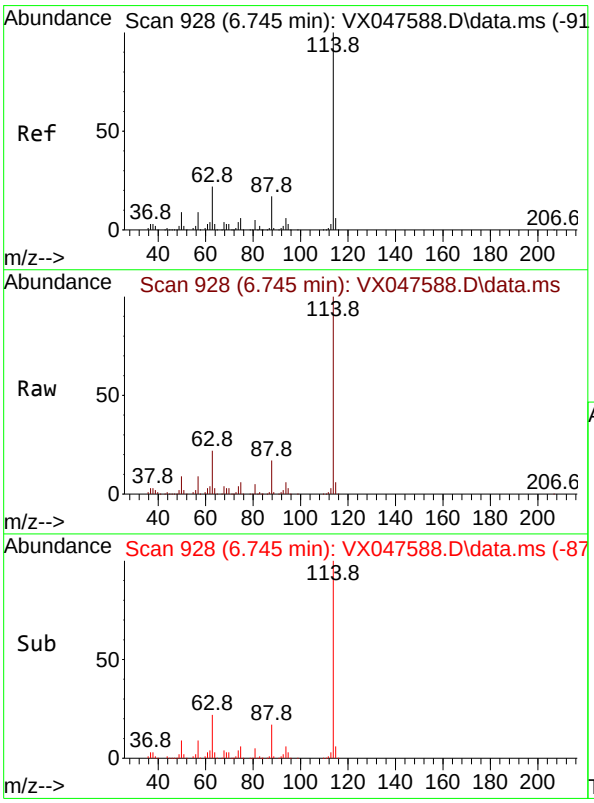
#33
1,2-Dichloroethane-d4
Concen: 48.404 ug/l
RT: 5.940 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 133606

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.0

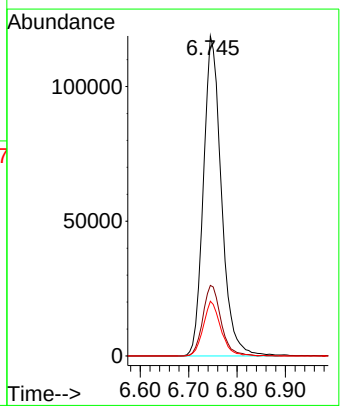


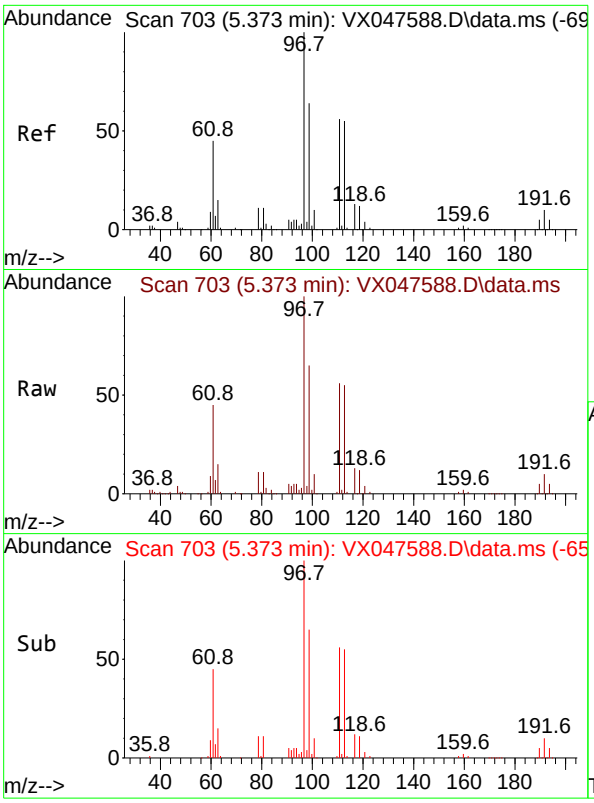


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:114 Resp: 307383

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	44.0
88	17.1	0.0	34.2



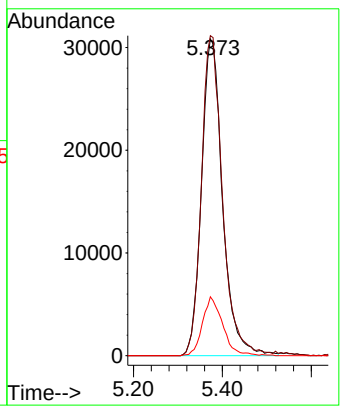


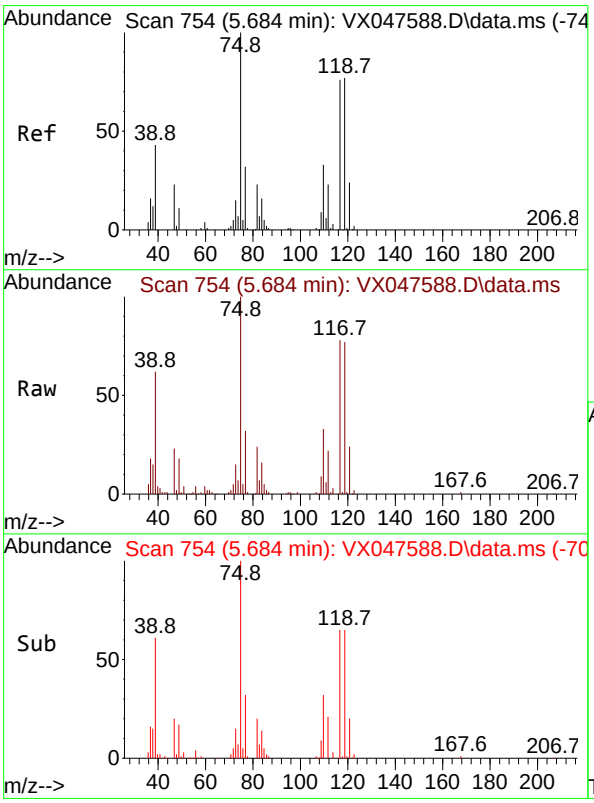
#35
Dibromofluoromethane
Concen: 49.298 ug/l
RT: 5.373 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:113 Resp: 101627

Ion	Ratio	Lower	Upper
113	100		
111	101.1	80.9	121.3
192	17.8	14.2	21.4

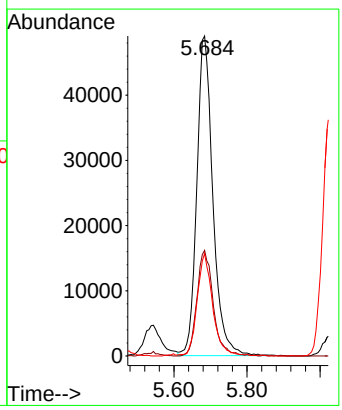


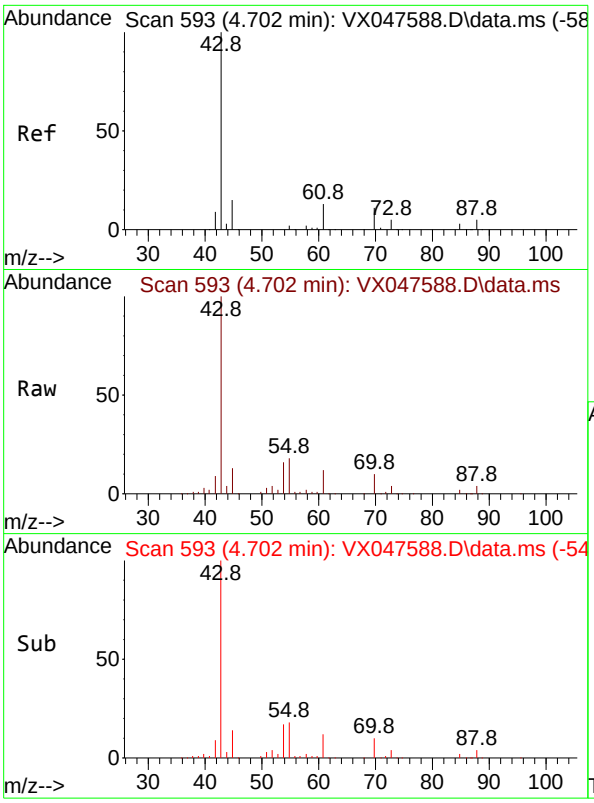


#36
1,1-Dichloropropene
Concen: 49.729 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 75 Resp: 149800

Ion	Ratio	Lower	Upper
75	100		
110	33.4	16.7	50.1
77	30.4	24.3	36.5



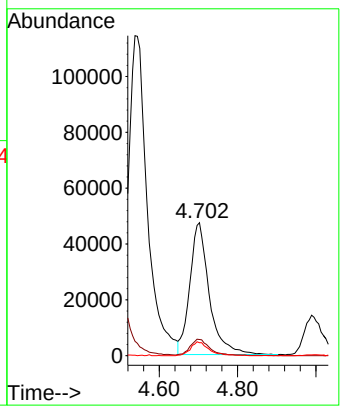


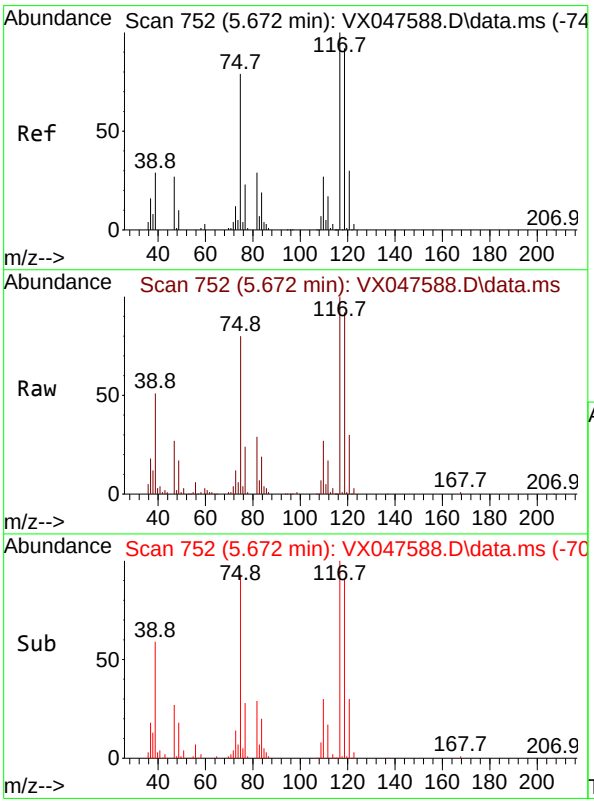
#37
Ethyl Acetate
Concen: 50.687 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 163482

Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.8	14.8
70	9.9	7.9	11.9

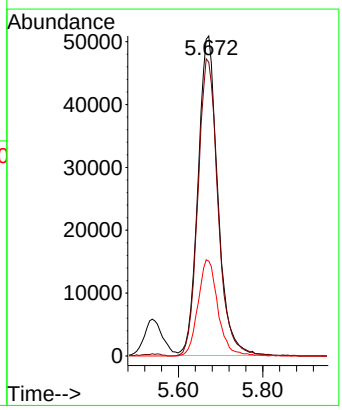


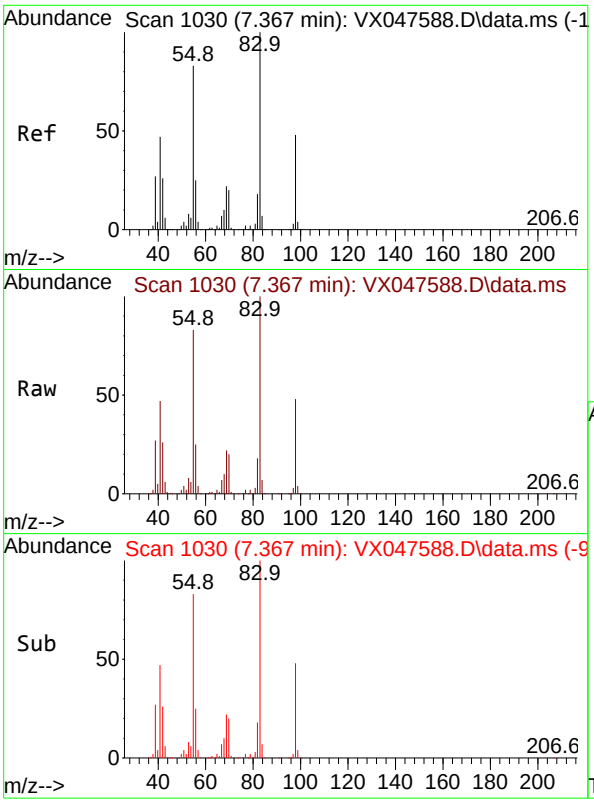


#38
Carbon Tetrachloride
Concen: 50.637 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:117 Resp: 165730

Ion	Ratio	Lower	Upper
117	100		
119	91.8	73.4	110.2
121	29.7	23.8	35.6



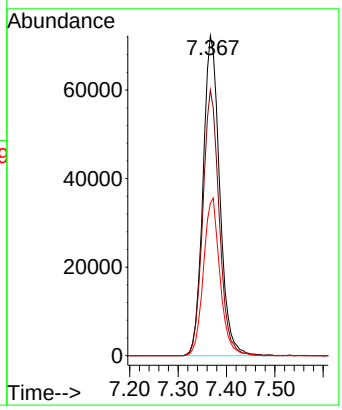


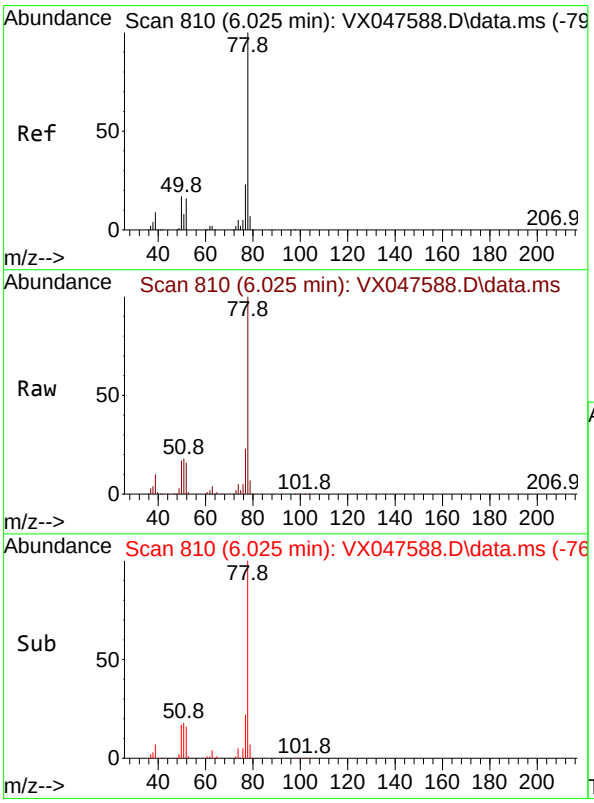
#39
Methylcyclohexane
Concen: 50.773 ug/l
RT: 7.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 173610

Ion	Ratio	Lower	Upper
83	100		
55	83.0	66.4	99.6
98	47.6	38.1	57.1

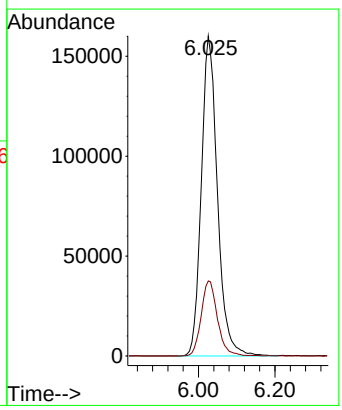


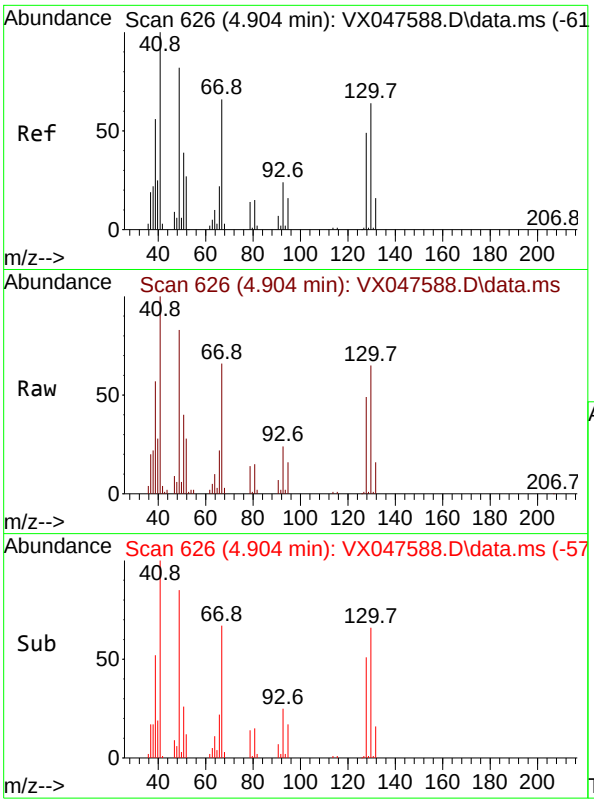


#40
Benzene
Concen: 51.167 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 78 Resp: 468136

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2



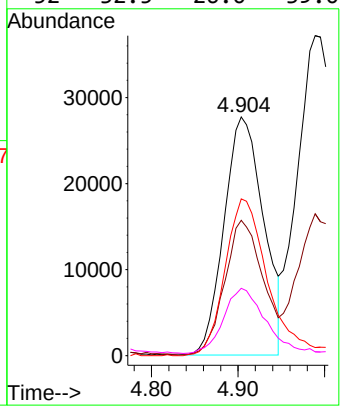


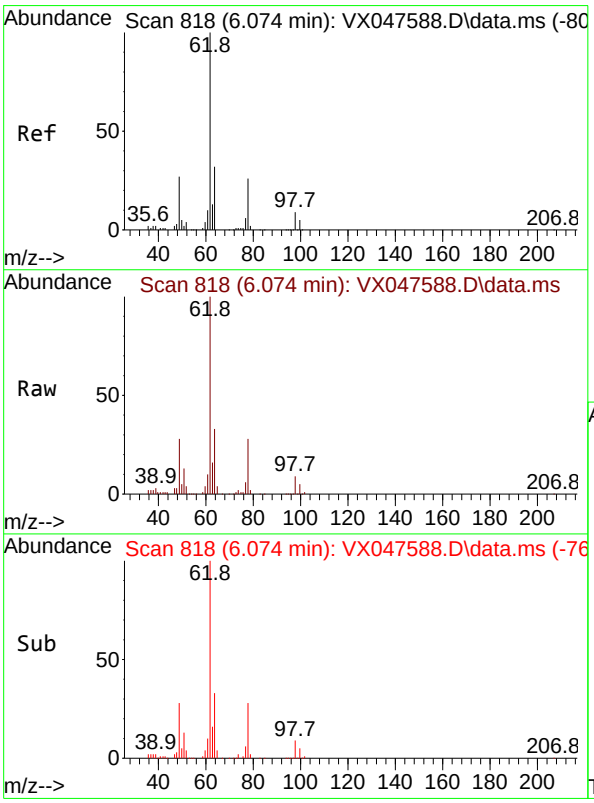
#41
Methacrylonitrile
Concen: 52.707 ug/l
RT: 4.904 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 87761

Ion	Ratio	Lower	Upper
41	100		
39	54.1	43.3	64.9
67	73.2	58.6	87.8
52	32.5	26.0	39.0

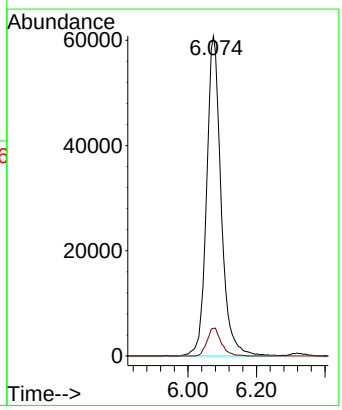


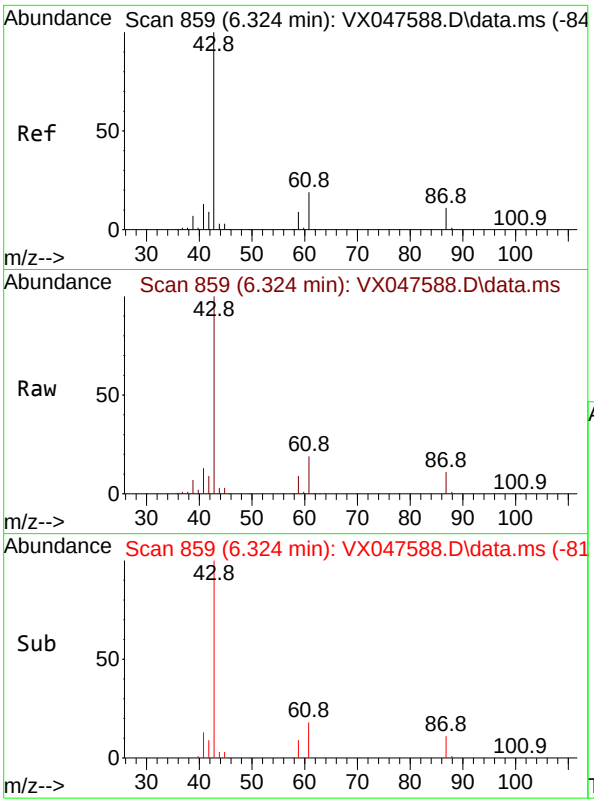


#42
1,2-Dichloroethane
Concen: 51.431 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 62 Resp: 179037

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0



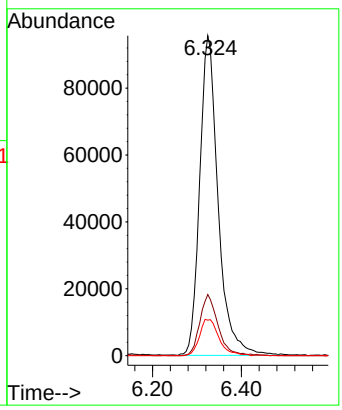


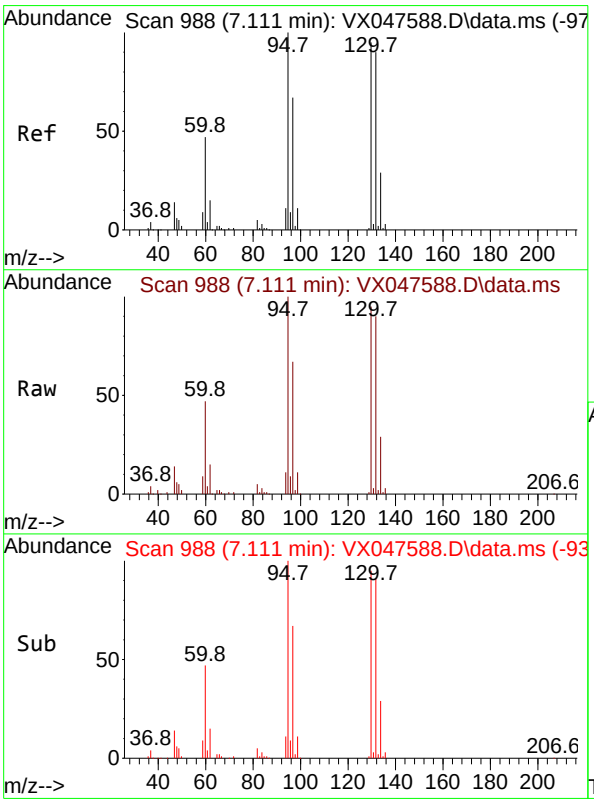
#43
Isopropyl Acetate
Concen: 52.096 ug/l
RT: 6.324 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 275572

Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.2	22.8
87	12.0	9.6	14.4

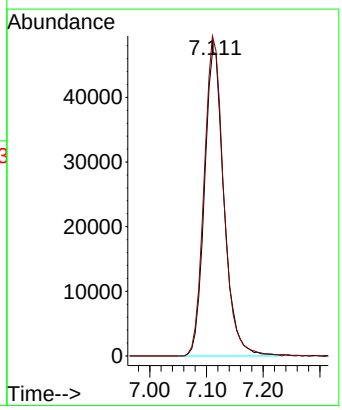


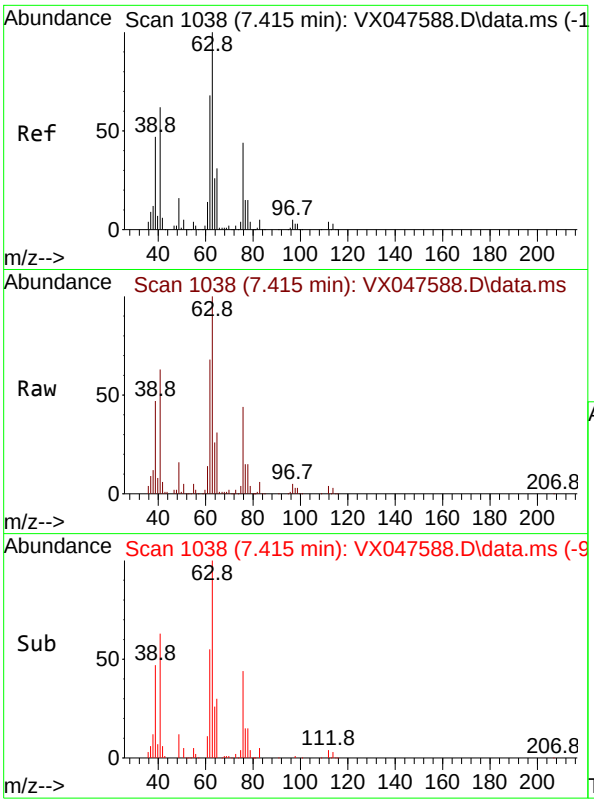


#44
Trichloroethene
Concen: 51.463 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:130 Resp: 113832

Ion	Ratio	Lower	Upper
130	100		
95	105.4	0.0	210.8



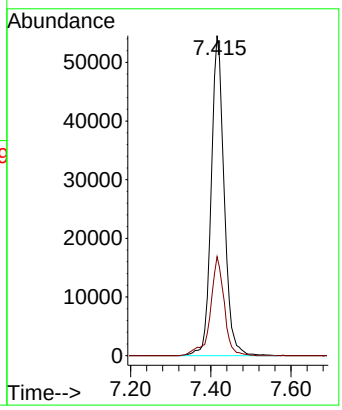


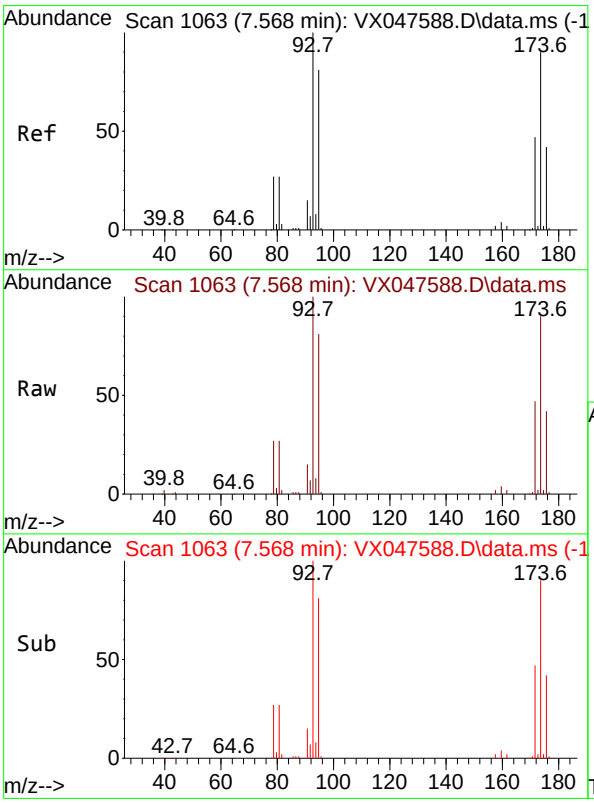
#45
1,2-Dichloropropane
Concen: 52.122 ug/l
RT: 7.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 122109

Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.7	37.1

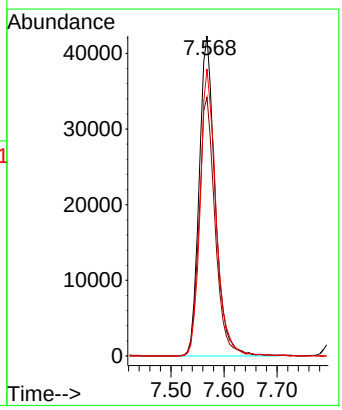


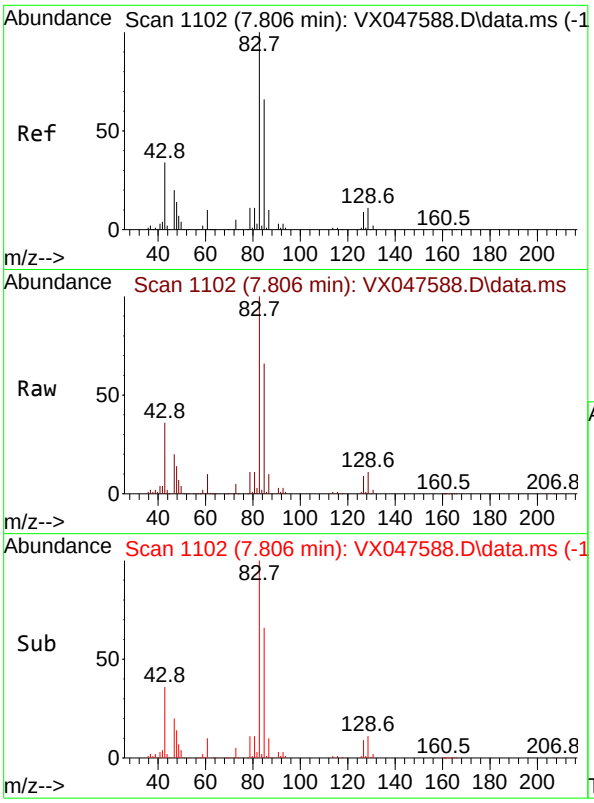


#46
Dibromomethane
Concen: 51.914 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 93 Resp: 88505

Ion	Ratio	Lower	Upper
93	100		
95	81.3	65.0	97.6
174	89.5	71.6	107.4



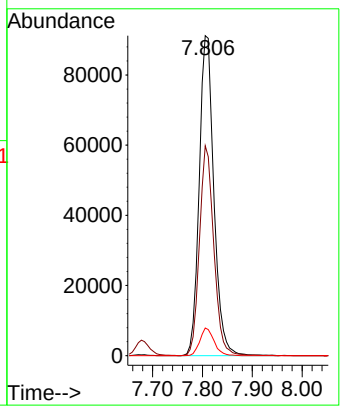


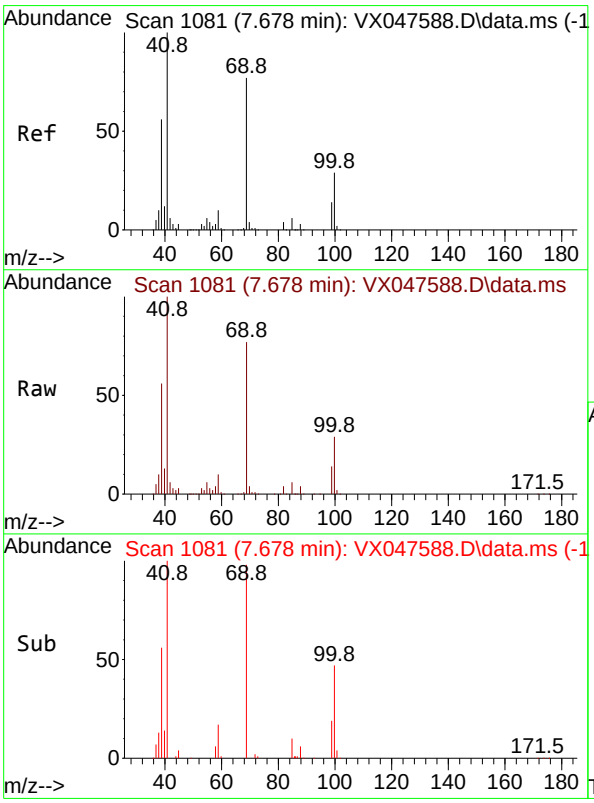
#47
Bromodichloromethane
Concen: 53.025 ug/l
RT: 7.806 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 186540

Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.5	78.7
127	8.6	6.9	10.3

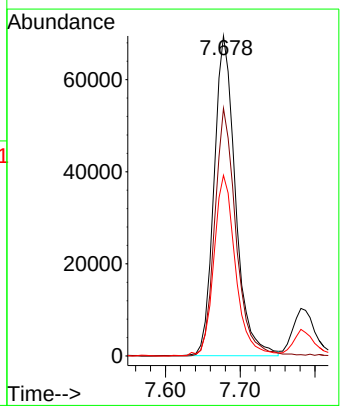


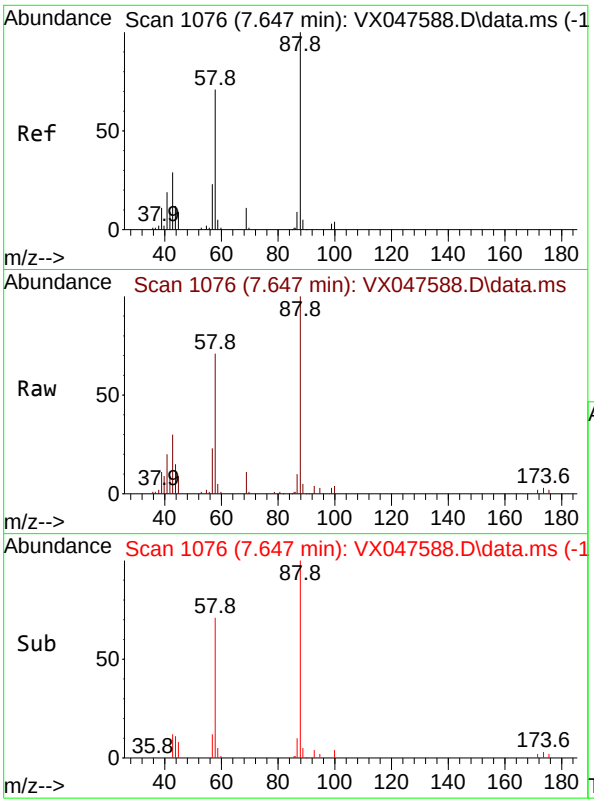


#48
Methyl methacrylate
Concen: 52.438 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 41 Resp: 138167

Ion	Ratio	Lower	Upper
41	100		
69	76.8	61.4	92.2
39	57.2	45.8	68.6



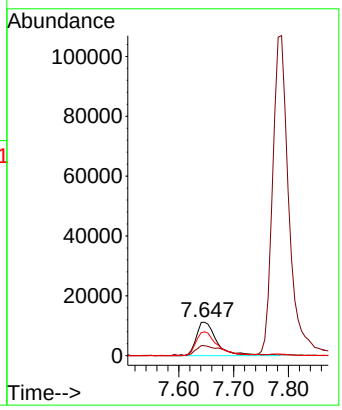


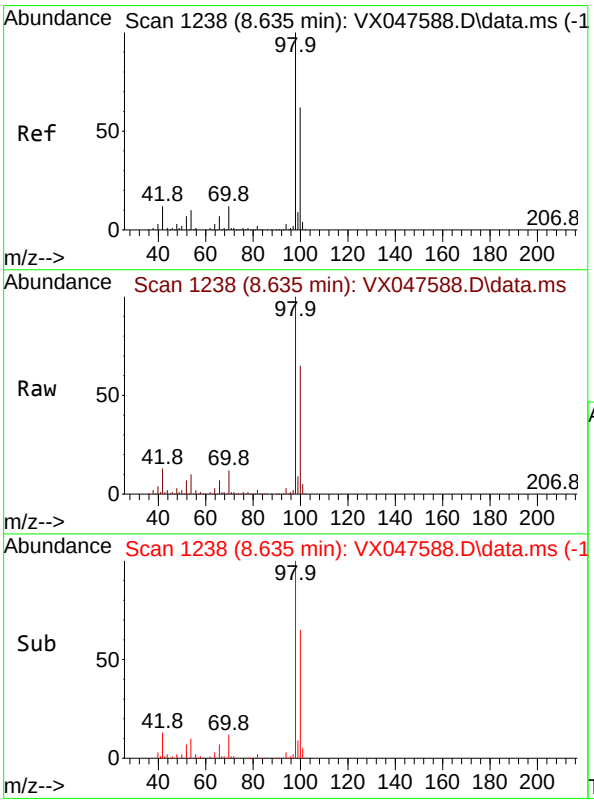
#49
1,4-Dioxane
Concen: 1107.698 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 29496

Ion	Ratio	Lower	Upper
88	100		
43	37.7	30.2	45.2
58	74.4	59.5	89.3

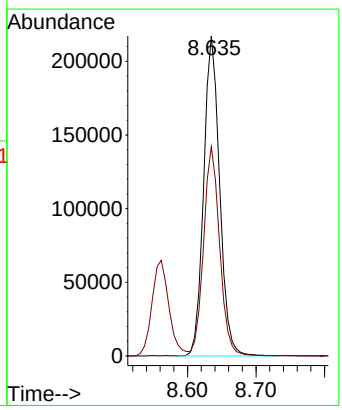


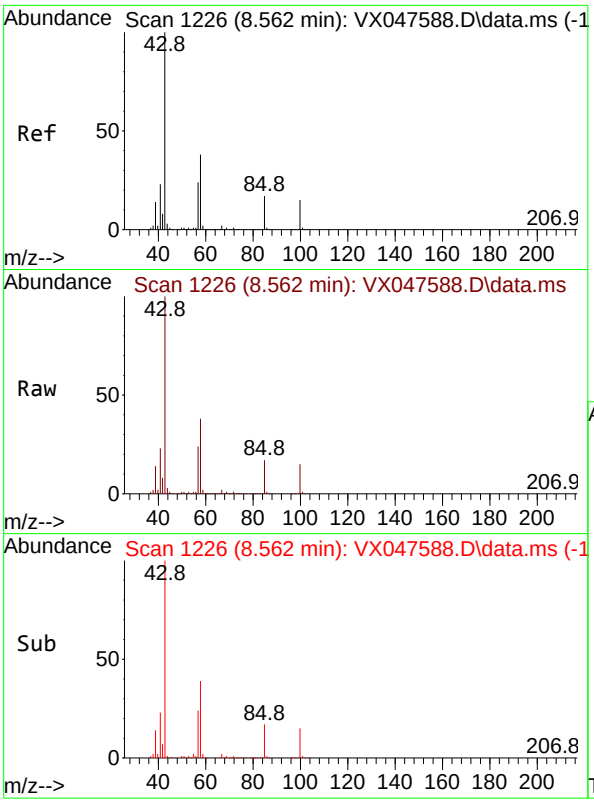


#50
Toluene-d8
Concen: 49.428 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 98 Resp: 352578

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4



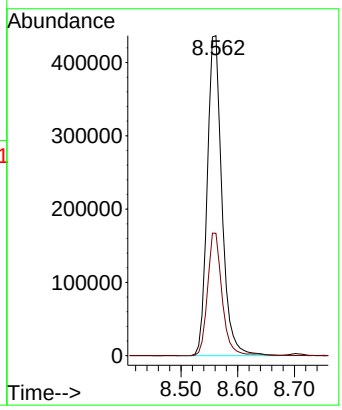


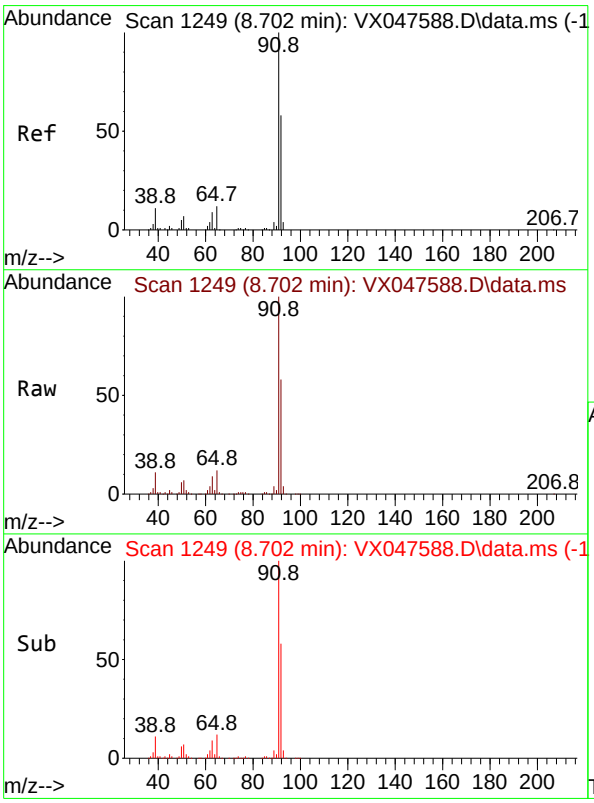
#51
4-Methyl-2-Pentanone
Concen: 267.650 ug/l
RT: 8.562 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 784978

Ion	Ratio	Lower	Upper
43	100		
58	37.9	30.3	45.5

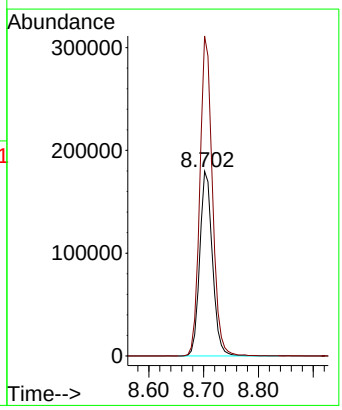


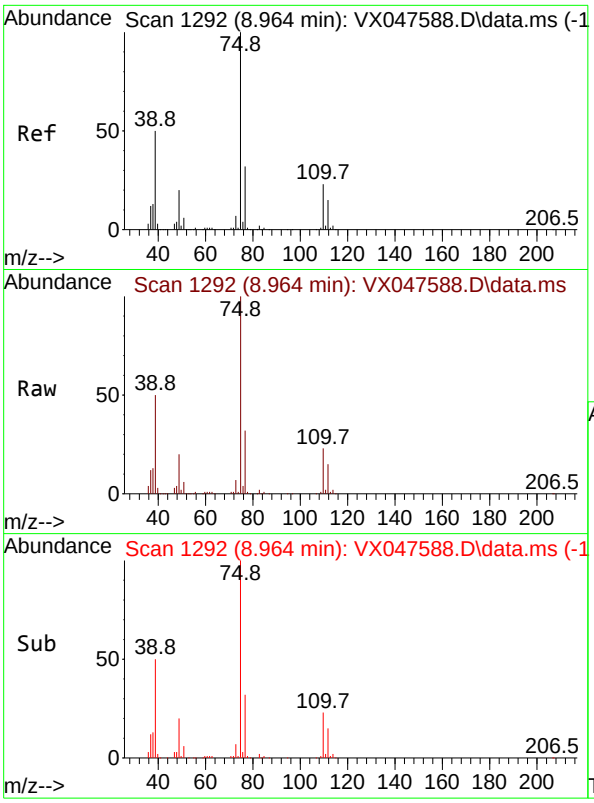


#52
Toluene
Concen: 51.244 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 92 Resp: 288853

Ion	Ratio	Lower	Upper
92	100		
91	171.4	137.1	205.7



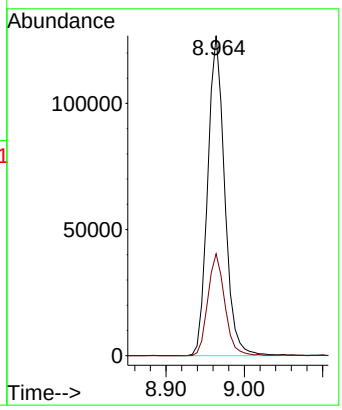


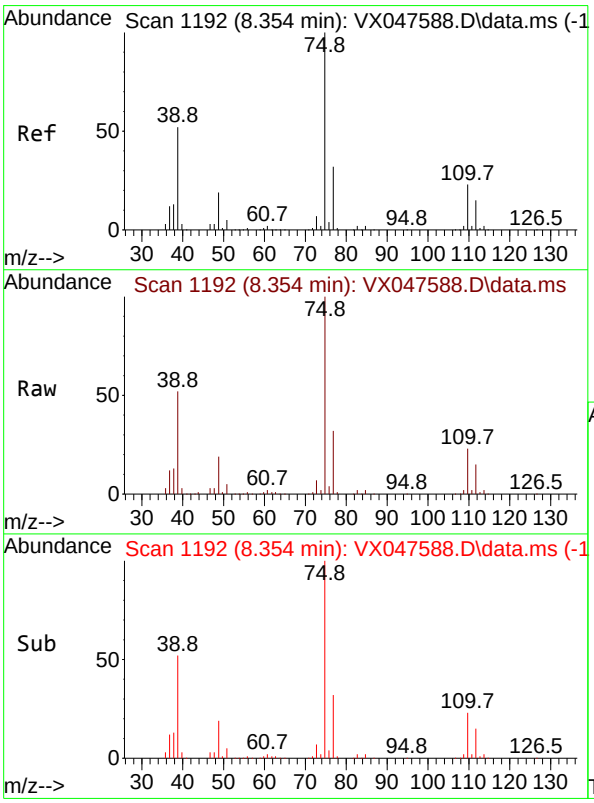
#53
t-1,3-Dichloropropene
Concen: 53.027 ug/l
RT: 8.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 190282

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.2

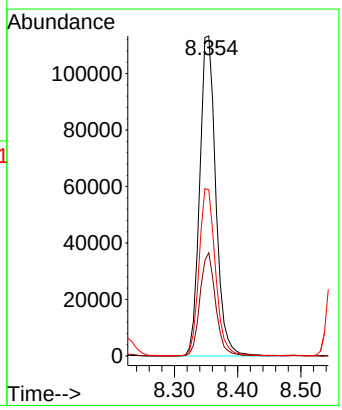


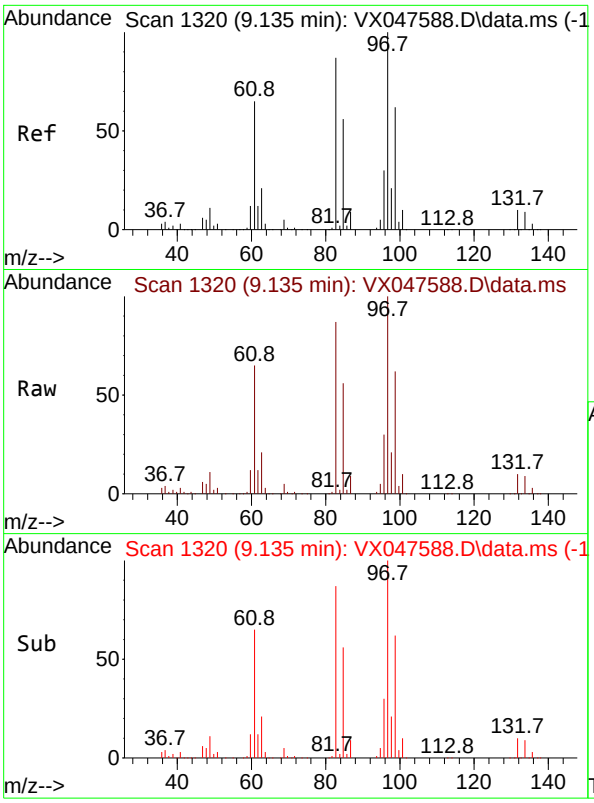


#54
cis-1,3-Dichloropropene
Concen: 52.369 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 75 Resp: 200859

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.8	38.6
39	51.8	41.4	62.2



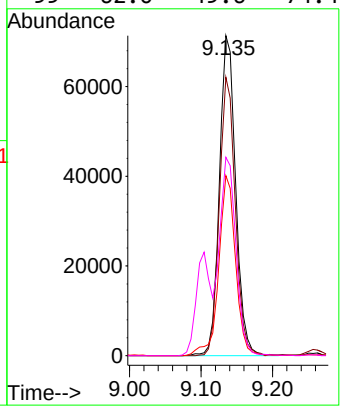


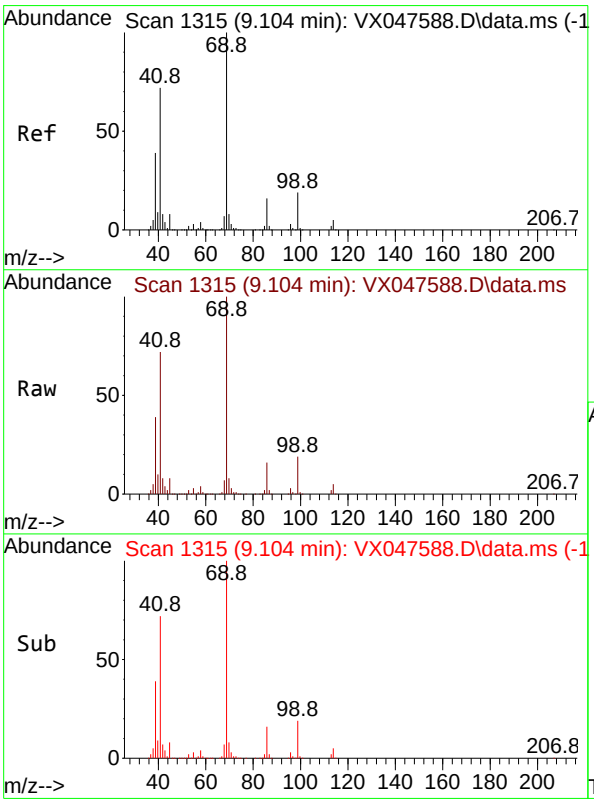
#55
1,1,2-Trichloroethane
Concen: 51.915 ug/l
RT: 9.135 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 112837

Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.6	104.4
85	56.3	45.0	67.6
99	62.0	49.6	74.4

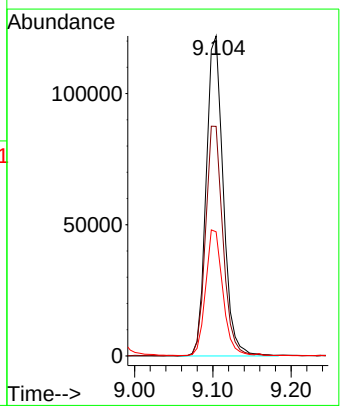


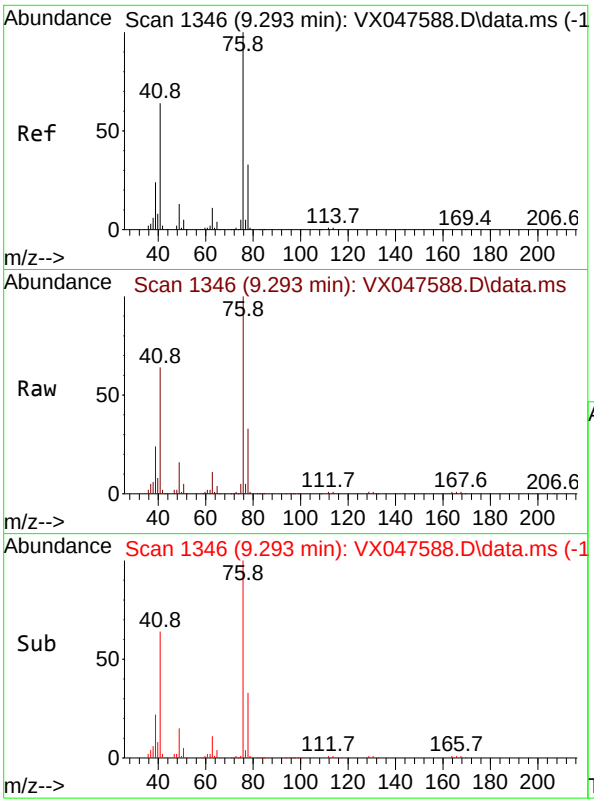


#56
Ethyl methacrylate
Concen: 53.930 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 69 Resp: 184087

Ion	Ratio	Lower	Upper
69	100		
41	73.2	58.6	87.8
39	39.4	31.5	47.3



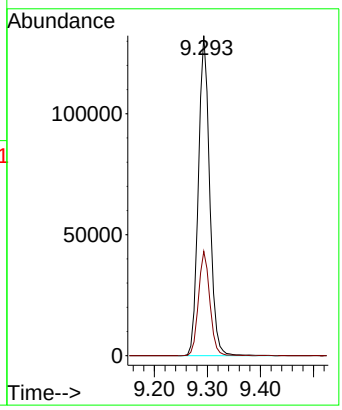


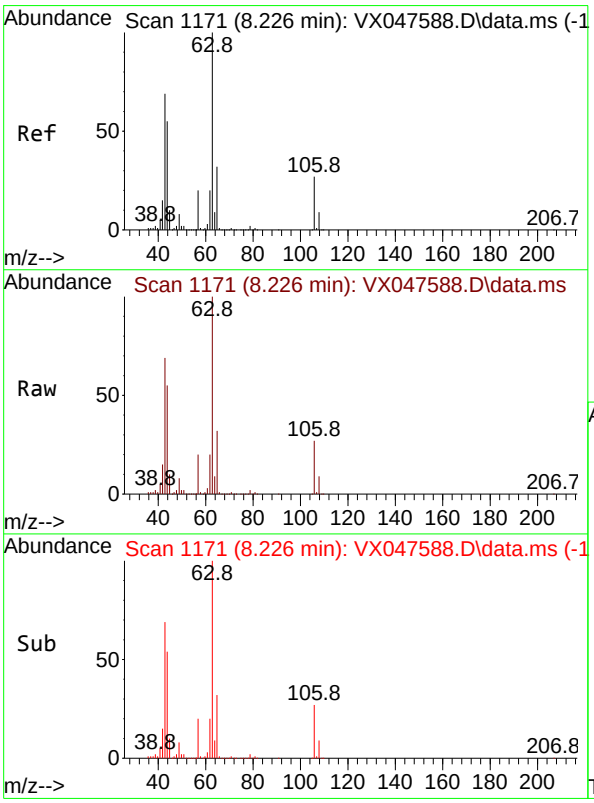
#57
1,3-Dichloropropane
Concen: 52.492 ug/l
RT: 9.293 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 195989

Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.2	39.4

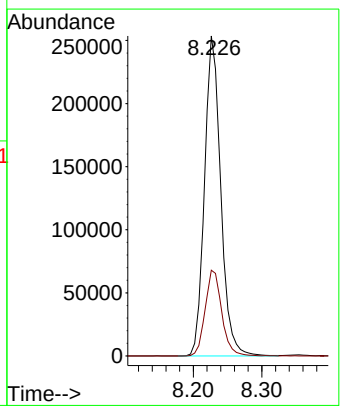


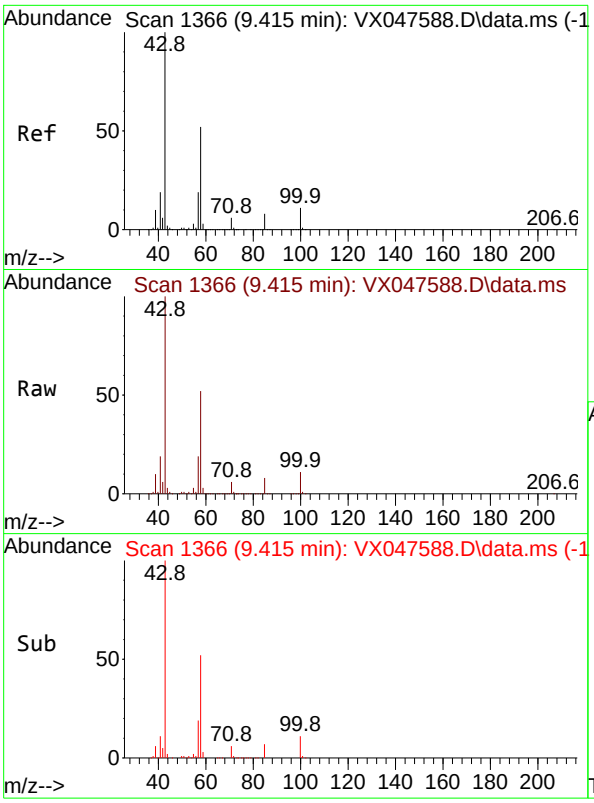


#58
2-Chloroethyl Vinyl ether
Concen: 256.309 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 63 Resp: 418707

Ion	Ratio	Lower	Upper
63	100		
106	27.4	21.9	32.9



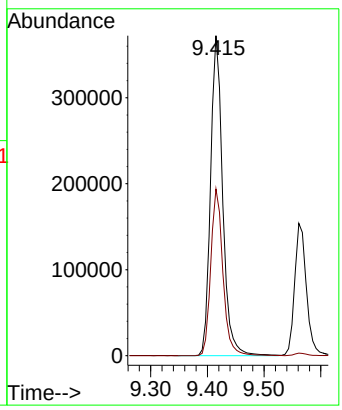


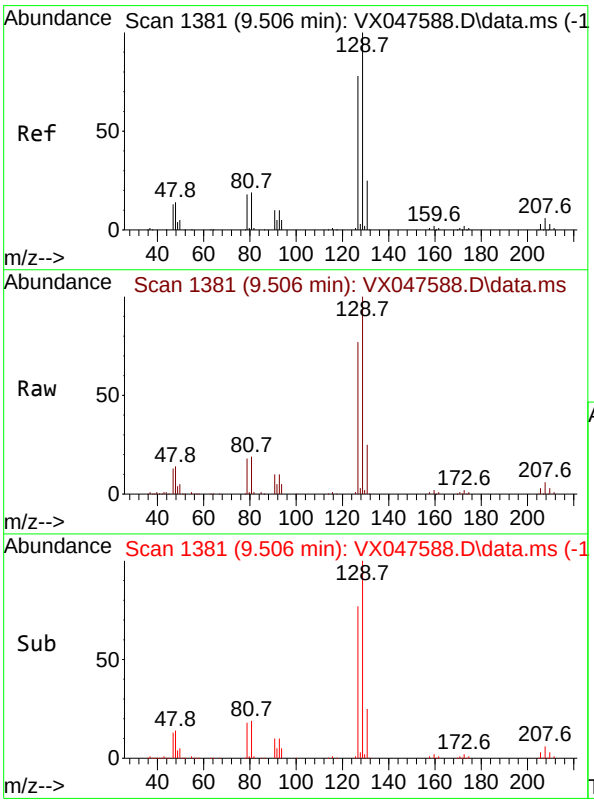
#59
2-Hexanone
Concen: 262.683 ug/l
RT: 9.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 553313

Ion	Ratio	Lower	Upper
43	100		
58	52.1	26.1	78.2

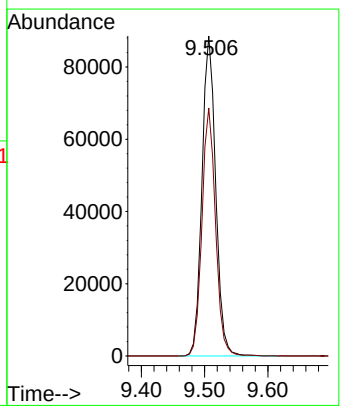


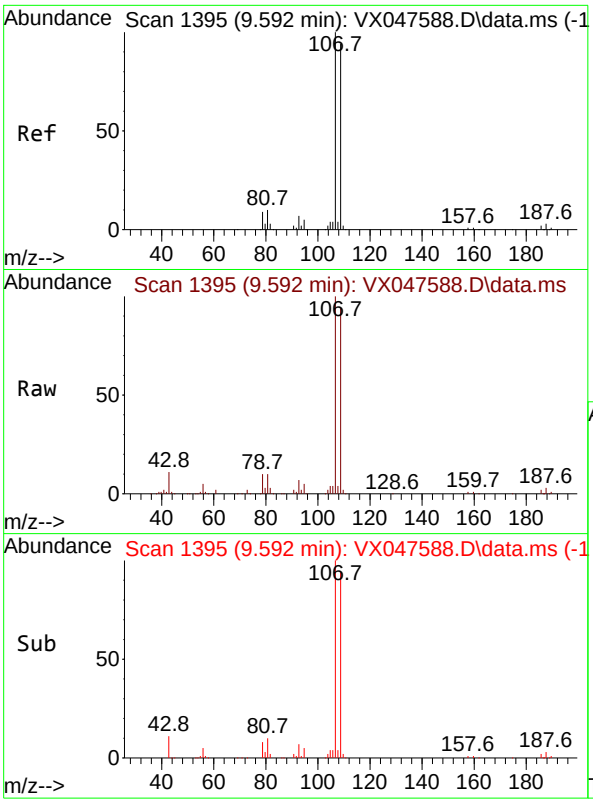


#60
Dibromochloromethane
Concen: 53.401 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:129 Resp: 133737

Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.4	115.2



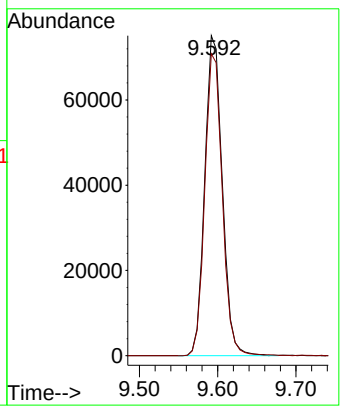


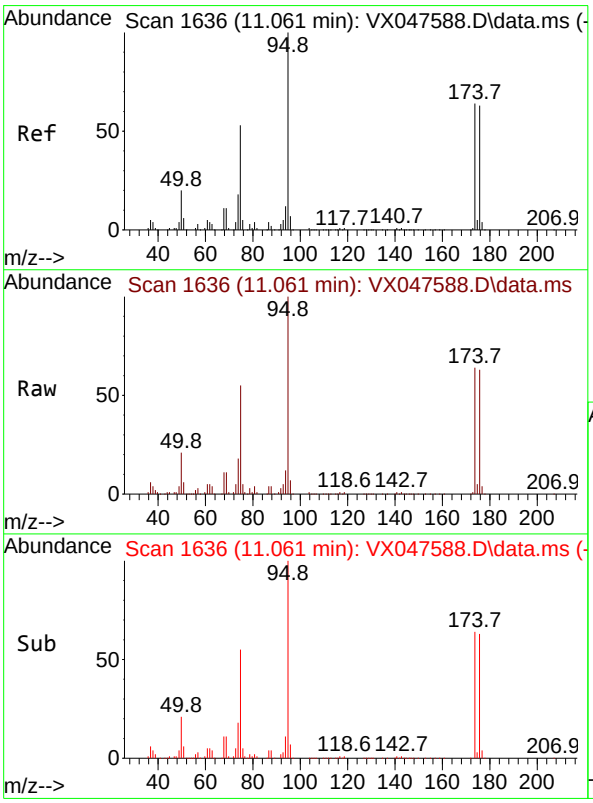
#61
1,2-Dibromoethane
Concen: 52.607 ug/l
RT: 9.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 116462

Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.3	112.9

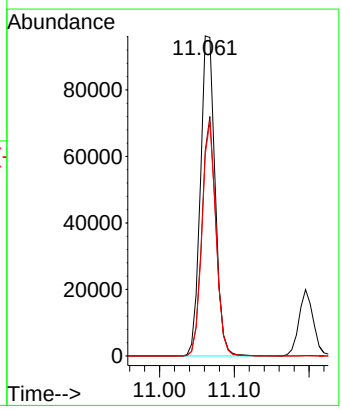


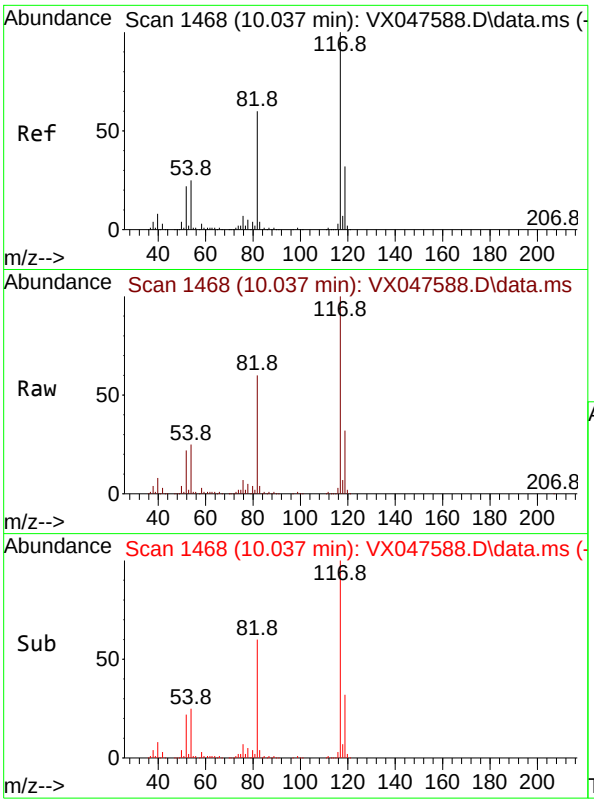


#62
4-Bromofluorobenzene
Concen: 48.471 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 95 Resp: 131217

Ion	Ratio	Lower	Upper
95	100		
174	70.8	0.0	141.6
176	69.2	0.0	138.4



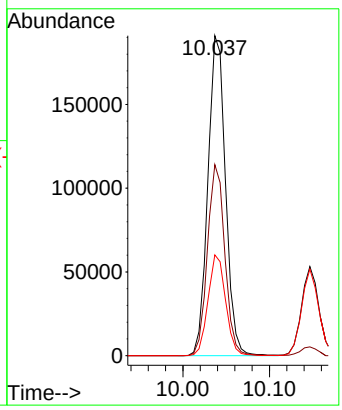


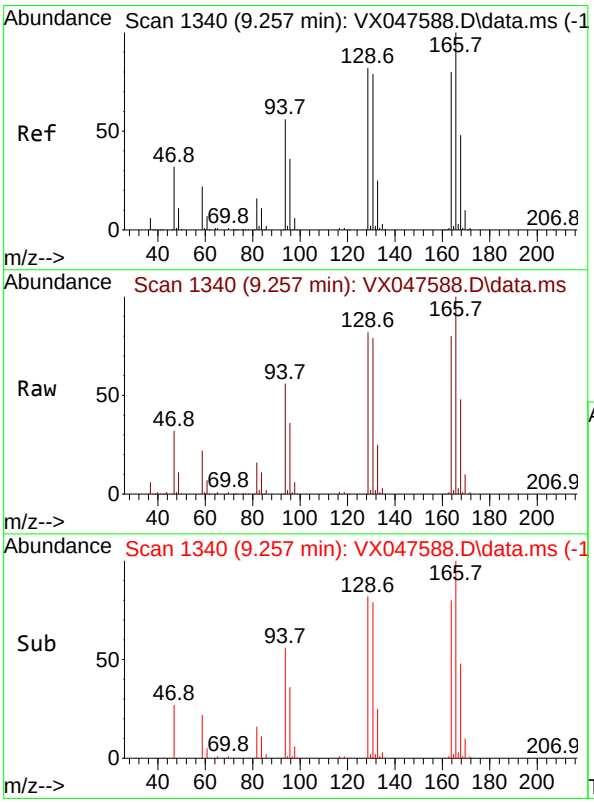
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 270040

Ion	Ratio	Lower	Upper
117	100		
82	59.7	47.8	71.6
119	31.5	25.2	37.8

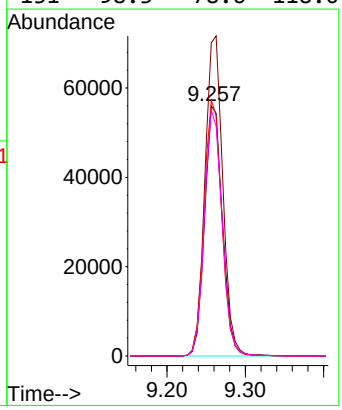


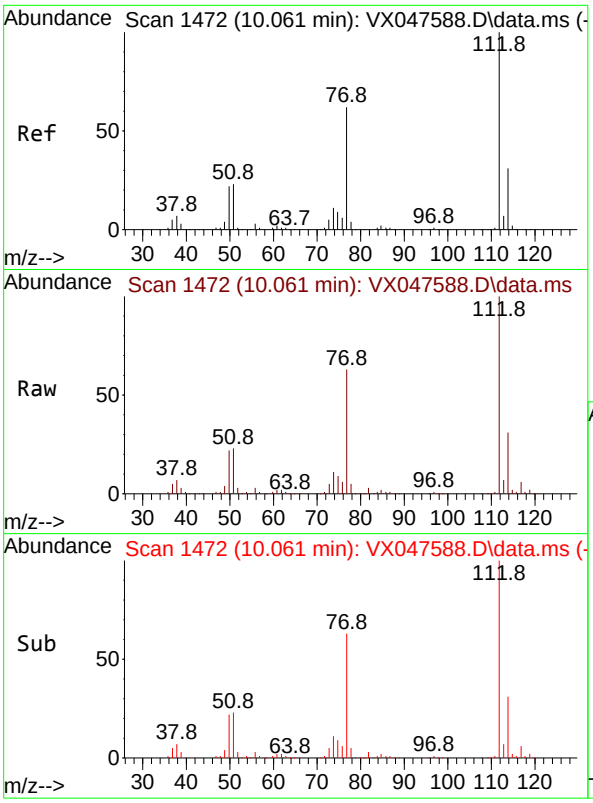


#64
Tetrachloroethene
Concen: 50.074 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:164 Resp: 88149

Ion	Ratio	Lower	Upper
164	100		
166	125.2	100.2	150.2
129	102.2	81.8	122.6
131	98.3	78.6	118.0



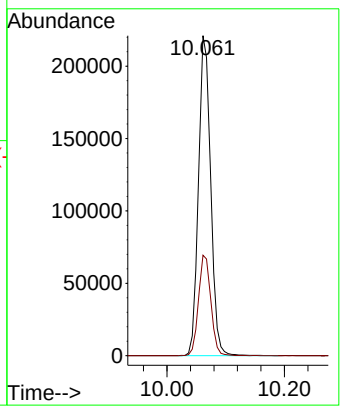


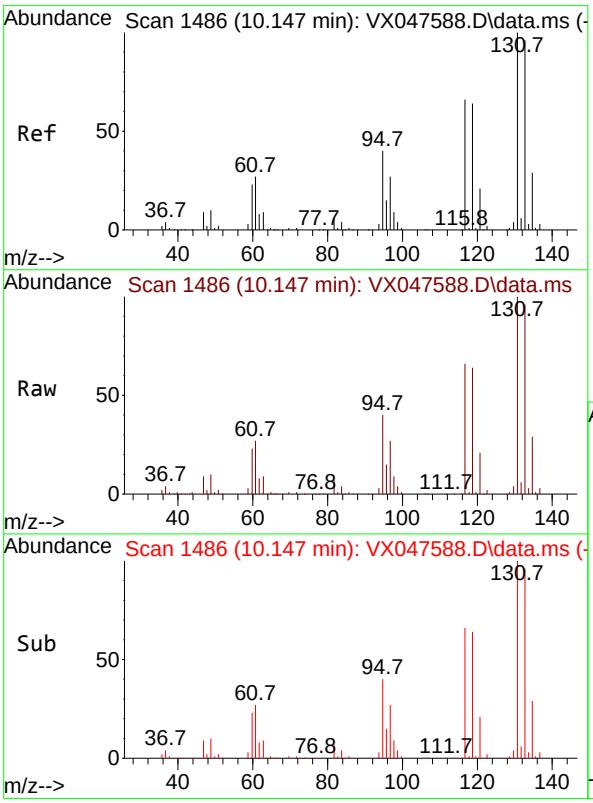
#65
Chlorobenzene
Concen: 51.833 ug/l
RT: 10.061 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 317982

Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.1	37.7

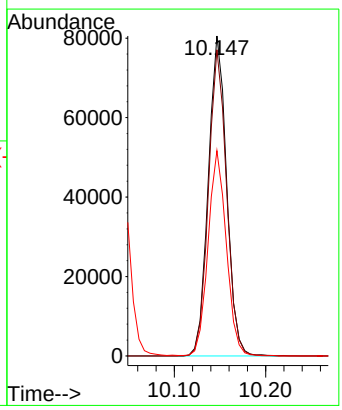


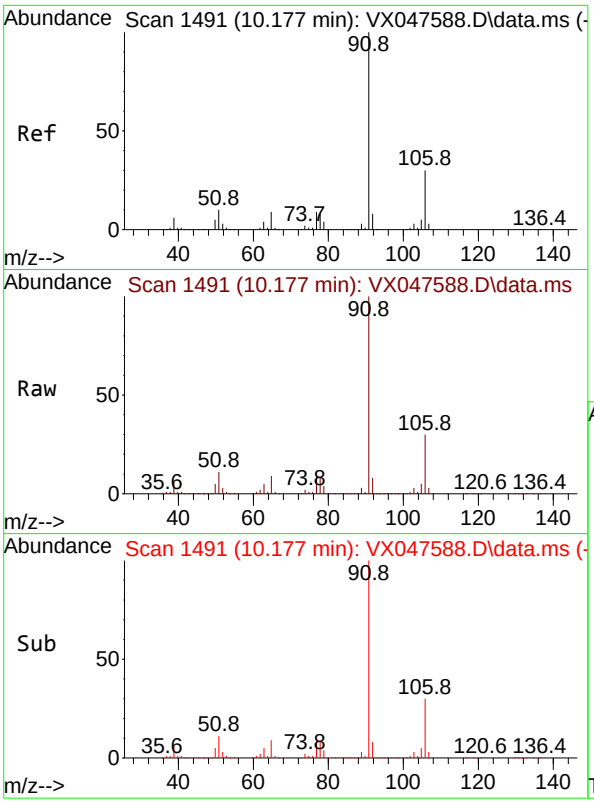


#66
1,1,1,2-Tetrachloroethane
Concen: 52.835 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:131 Resp: 111849

Ion	Ratio	Lower	Upper
131	100		
133	94.7	47.3	142.0
119	64.0	32.0	96.0



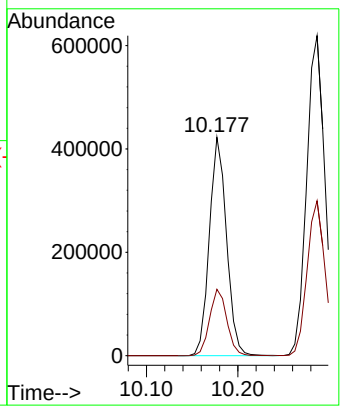


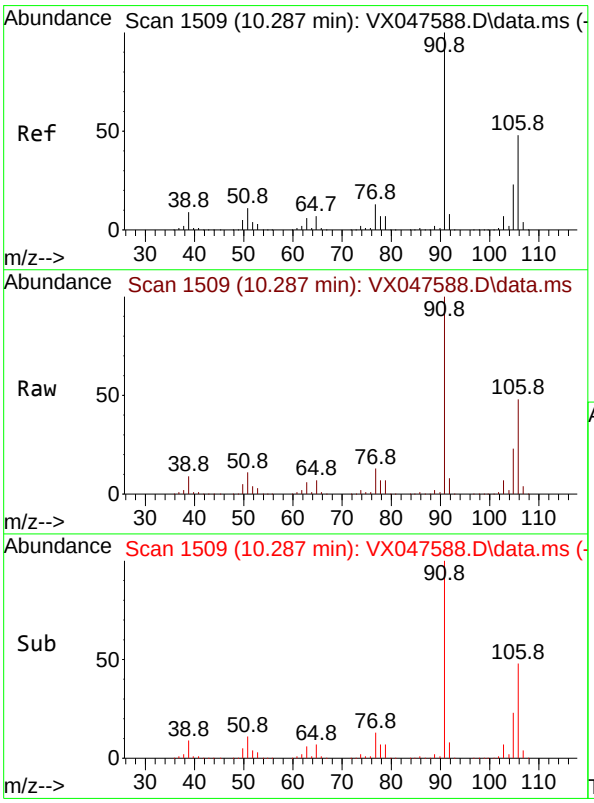
#67
Ethyl Benzene
Concen: 52.017 ug/l
RT: 10.177 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 550610

Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.3	36.5

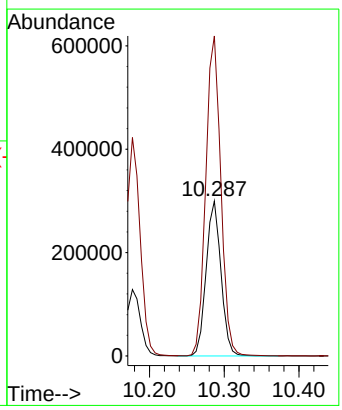


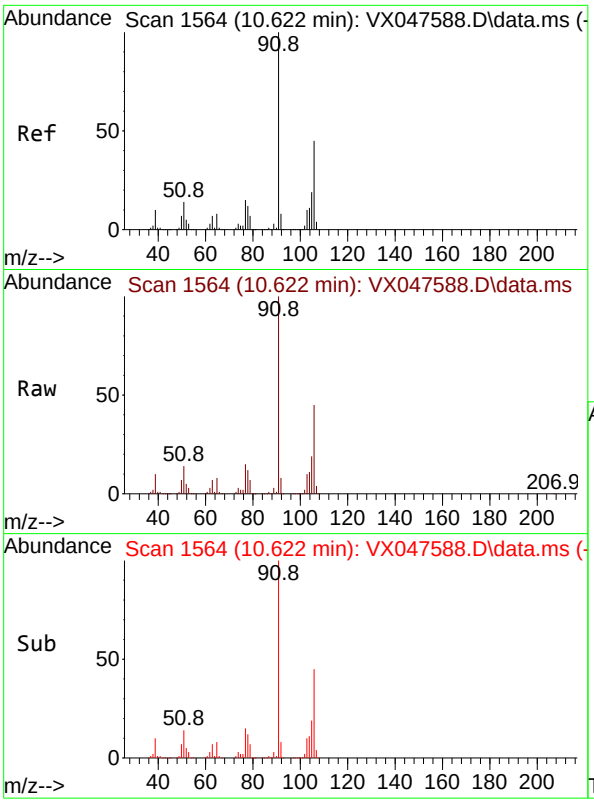


#68
m/p-Xylenes
Concen: 104.809 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:106 Resp: 412932

Ion	Ratio	Lower	Upper
106	100		
91	209.8	167.8	251.8



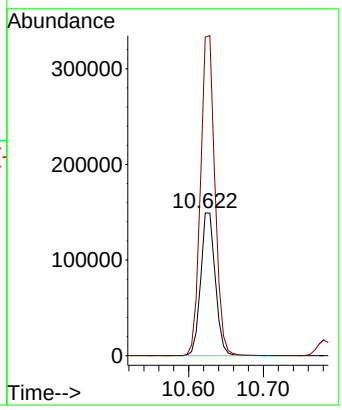


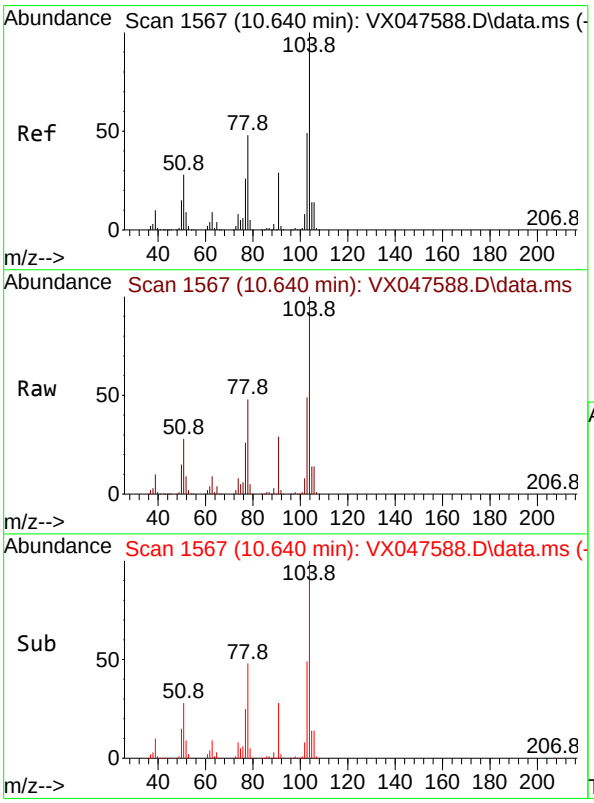
#69
o-Xylene
Concen: 53.084 ug/l
RT: 10.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 202291

Ion	Ratio	Lower	Upper
106	100		
91	222.3	111.1	333.4

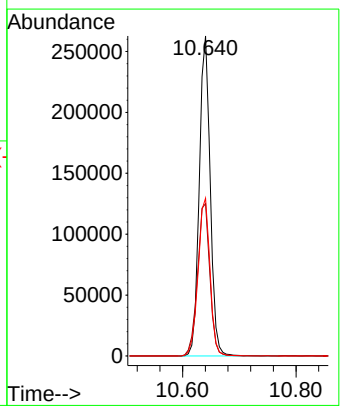


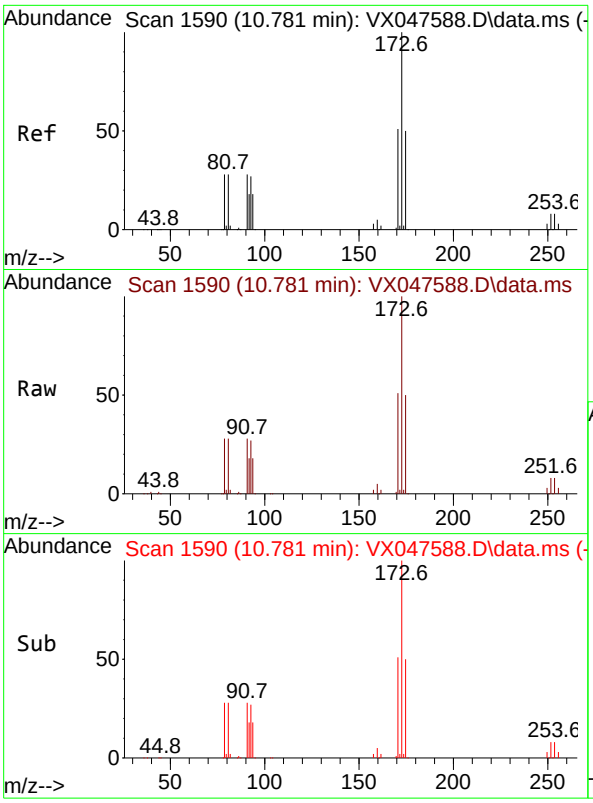


#70
Styrene
Concen: 52.515 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:104 Resp: 350654

Ion	Ratio	Lower	Upper
104	100		
78	53.9	43.1	64.7
103	53.9	43.1	64.7



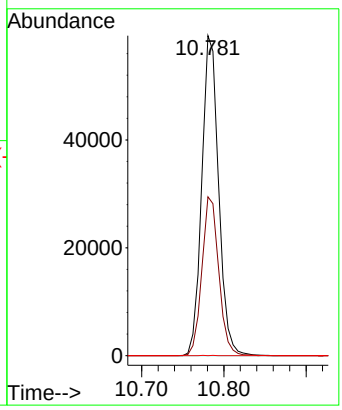


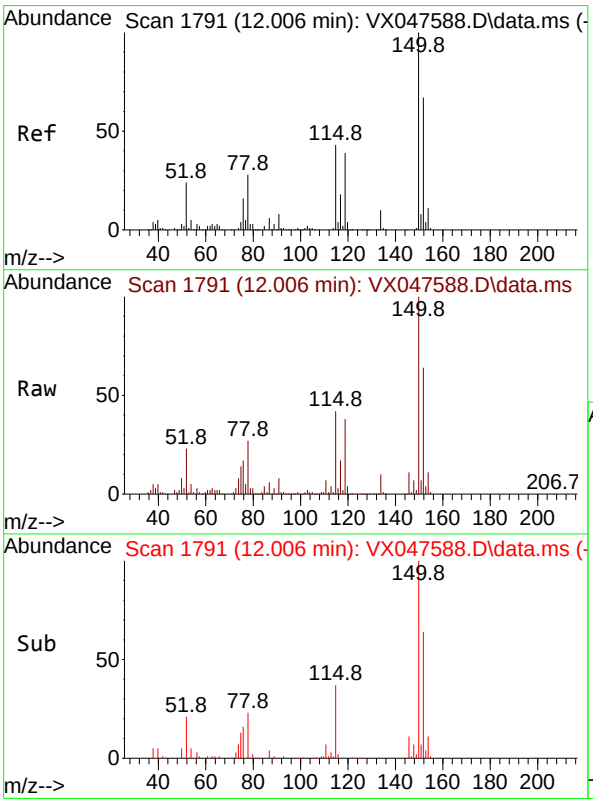
#71
Bromoform
Concen: 53.447 ug/l
RT: 10.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 84485

Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.9	74.6
254	0.1	0.1	0.1#

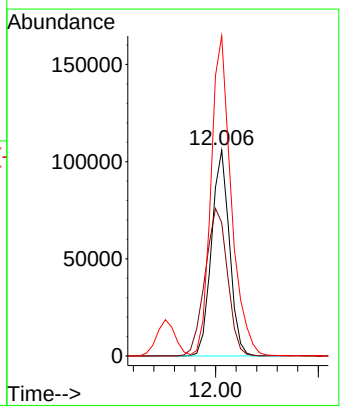


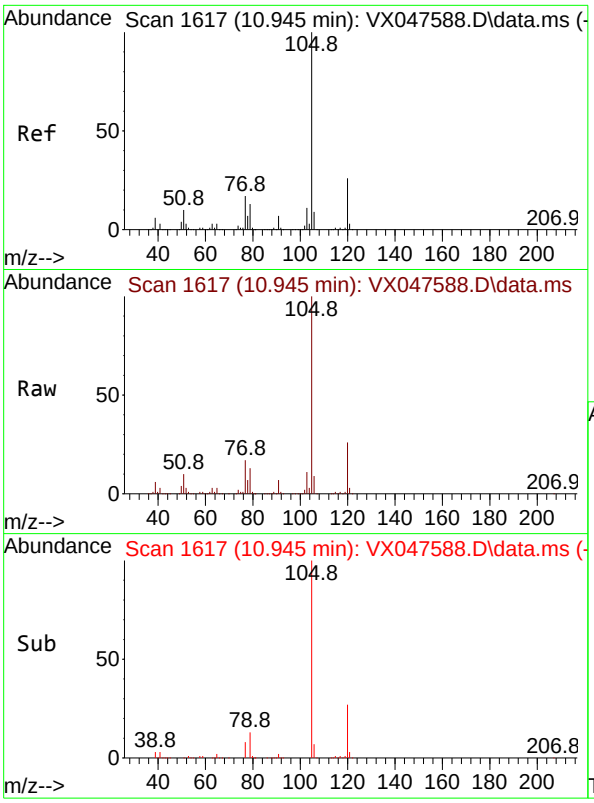


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:152 Resp: 127732

Ion	Ratio	Lower	Upper
152	100		
115	89.7	44.9	134.5
150	176.0	0.0	352.0



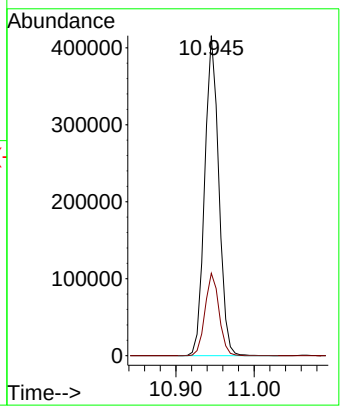


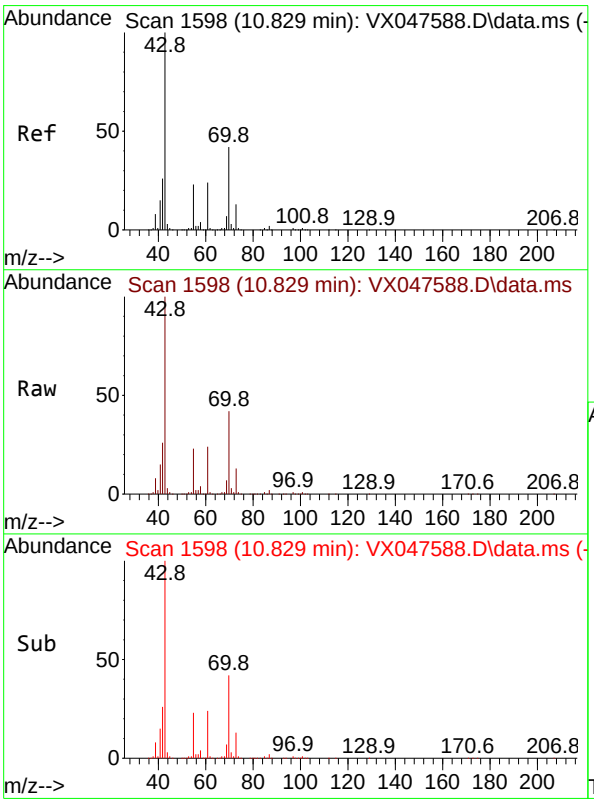
#73
Isopropylbenzene
Concen: 53.227 ug/l
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 516891

Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.8	38.4

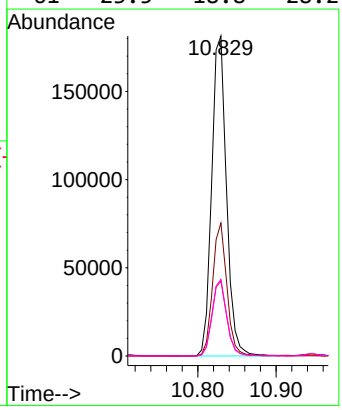


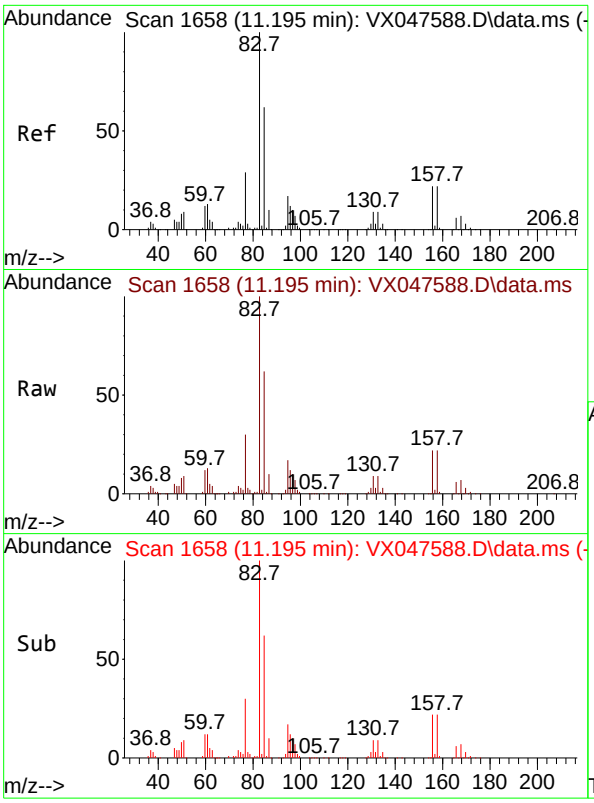


#74
N-amyl acetate
Concen: 53.710 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 237846

Ion	Ratio	Lower	Upper
43	100		
70	40.0	32.0	48.0
55	23.6	18.9	28.3
61	23.5	18.8	28.2



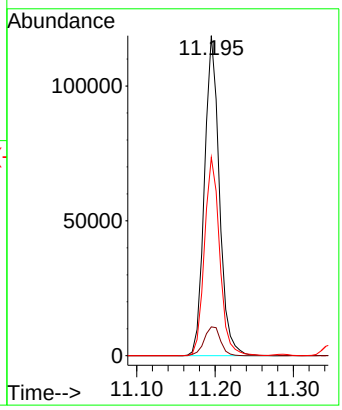


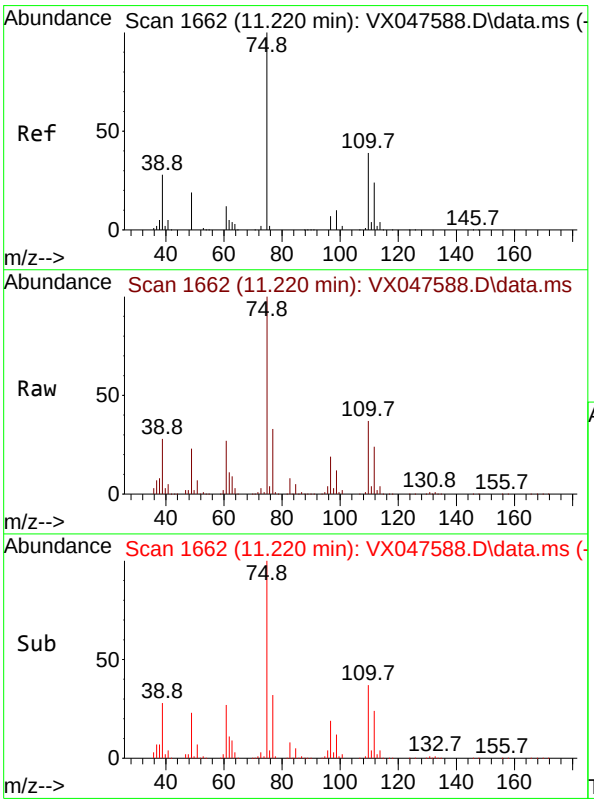
#75
1,1,2,2-Tetrachloroethane
Concen: 53.251 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 156454

Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	14.9
85	63.3	31.6	95.0

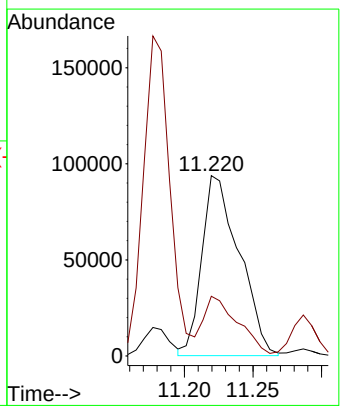


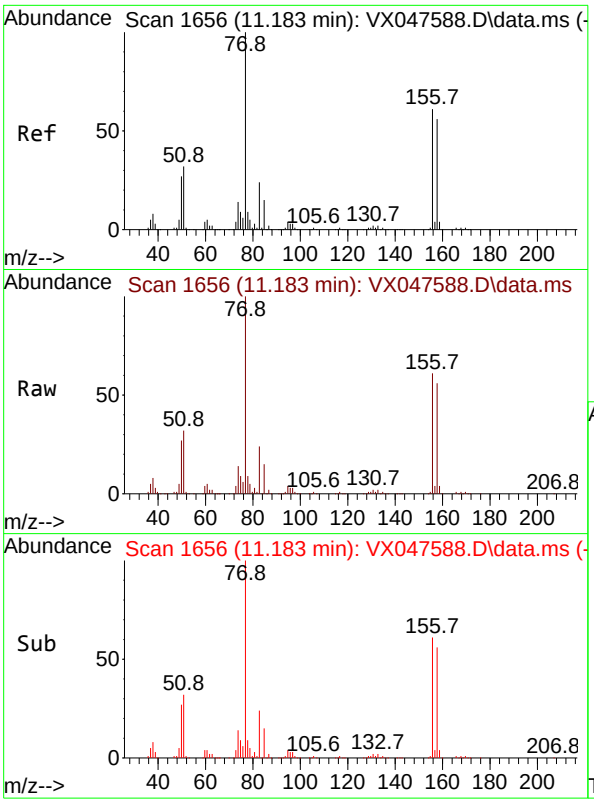


#76
1,2,3-Trichloropropane
Concen: 68.947 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 75 Resp: 178309

Ion	Ratio	Lower	Upper
75	100		
77	30.4	18.8	56.4



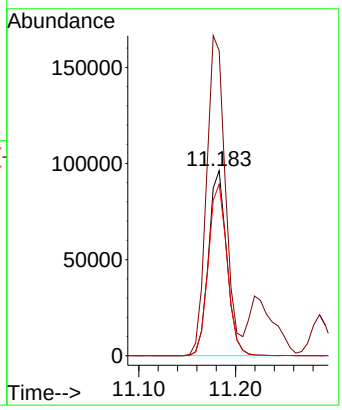


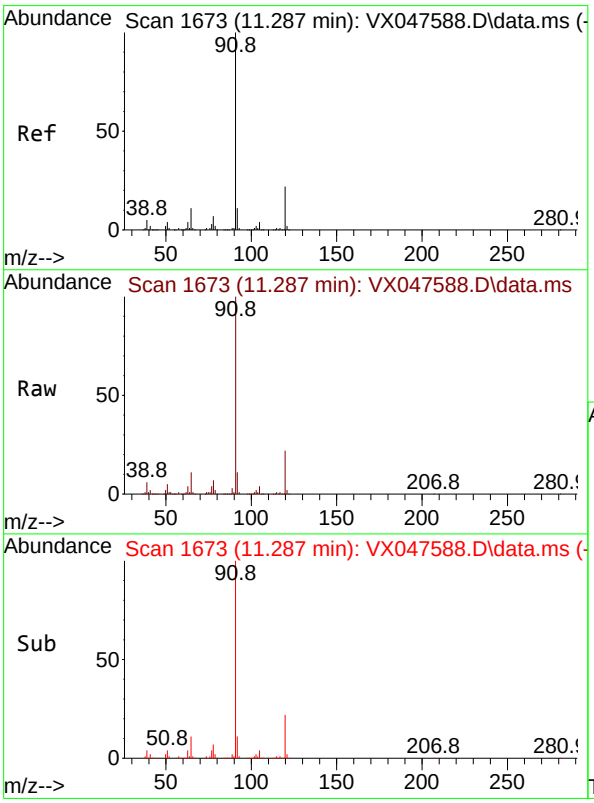
#77
Bromobenzene
Concen: 52.754 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:156 Resp: 126174

Ion	Ratio	Lower	Upper
156	100		
77	179.4	89.7	269.1
158	95.7	47.9	143.6

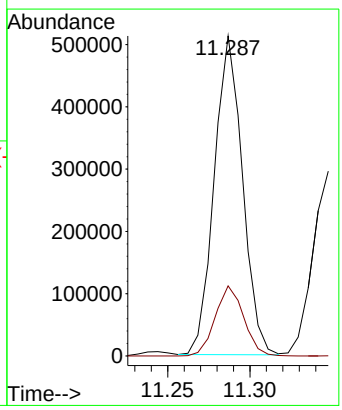


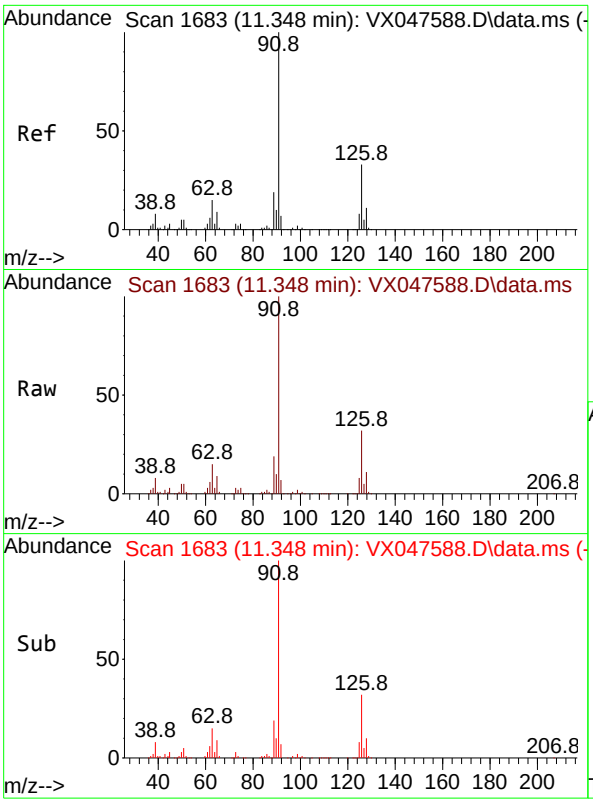


#78
n-propylbenzene
Concen: 53.315 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 91 Resp: 612035

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.1	33.1



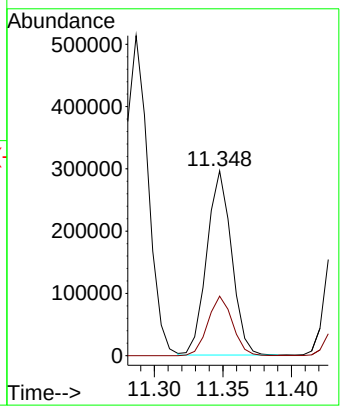


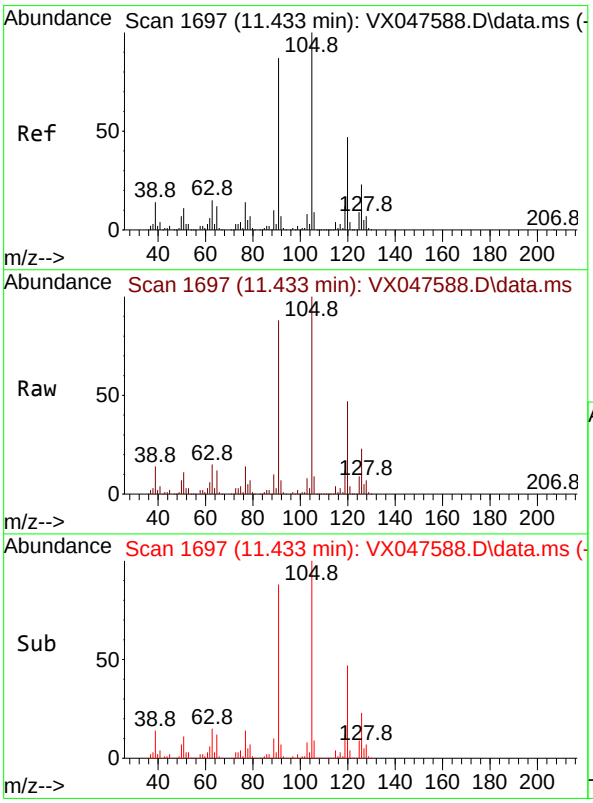
#79
2-Chlorotoluene
Concen: 52.965 ug/l
RT: 11.348 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 372397

Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.1	48.3

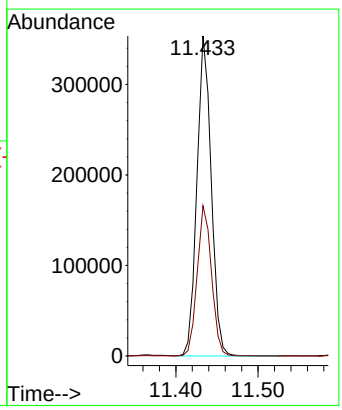


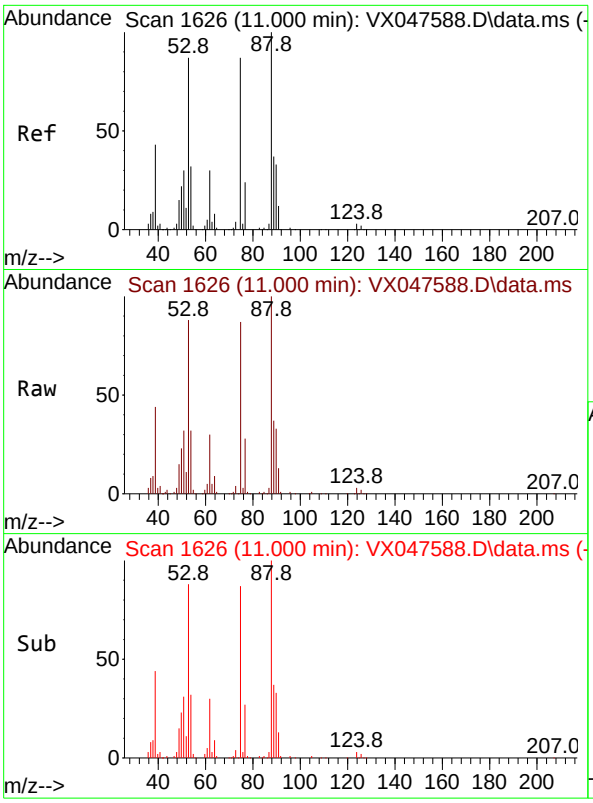


#80
1,3,5-Trimethylbenzene
Concen: 53.518 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:105 Resp: 426989

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.6	70.8



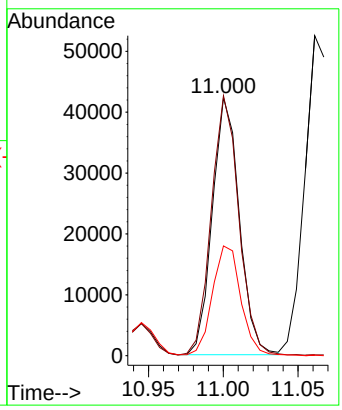


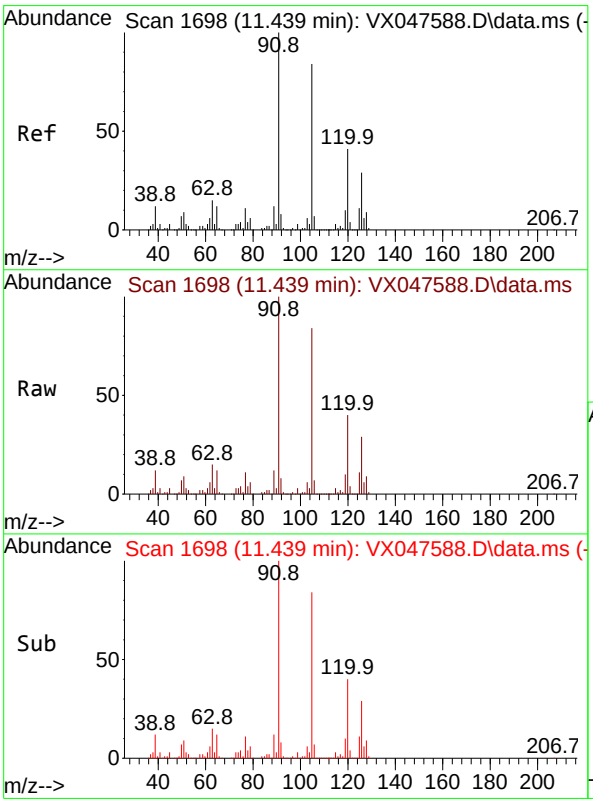
#81
trans-1,4-Dichloro-2-butene
Concen: 52.190 ug/l
RT: 11.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 52927

Ion	Ratio	Lower	Upper
75	100		
53	104.3	83.4	125.2
89	45.4	36.3	54.5

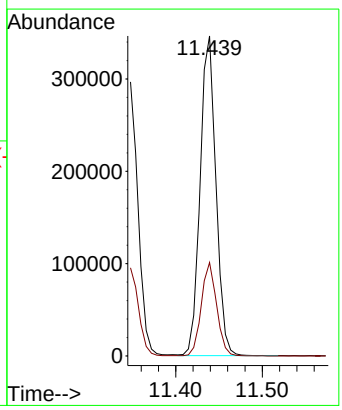


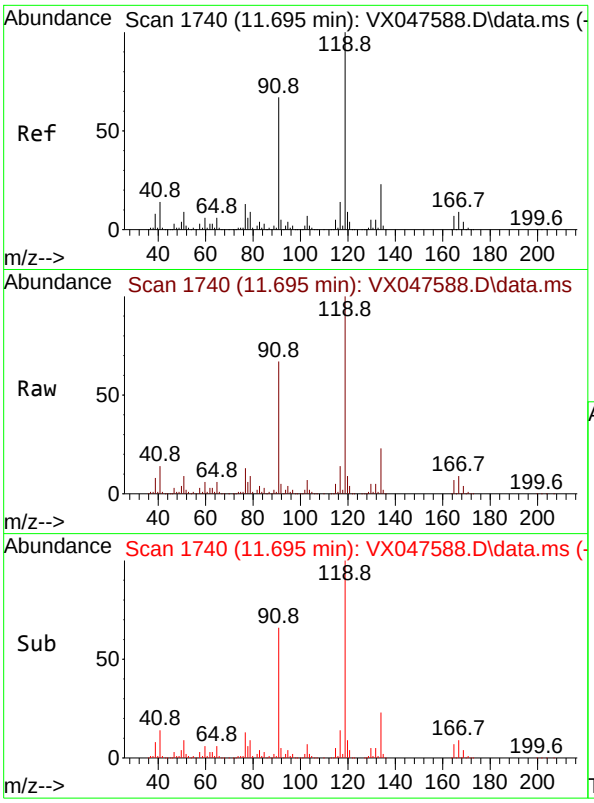


#82
4-Chlorotoluene
Concen: 52.806 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 91 Resp: 438502

Ion	Ratio	Lower	Upper
91	100		
126	28.4	14.2	42.6



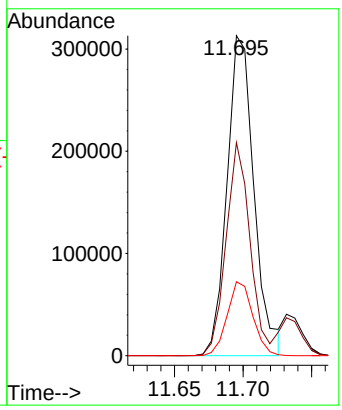


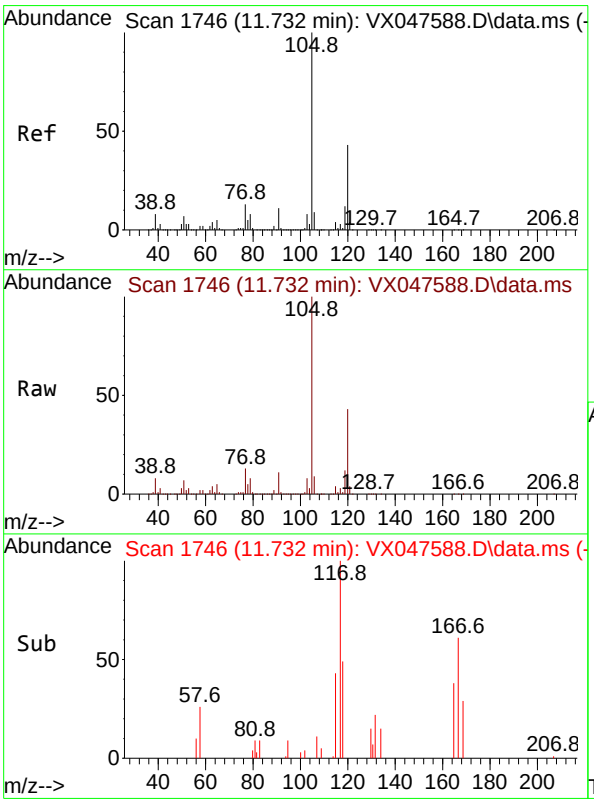
#83
tert-Butylbenzene
Concen: 52.539 ug/l
RT: 11.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 429107

Ion	Ratio	Lower	Upper
119	100		
91	59.2	29.6	88.8
134	22.0	11.0	33.0

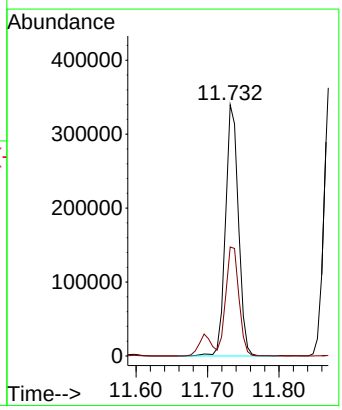


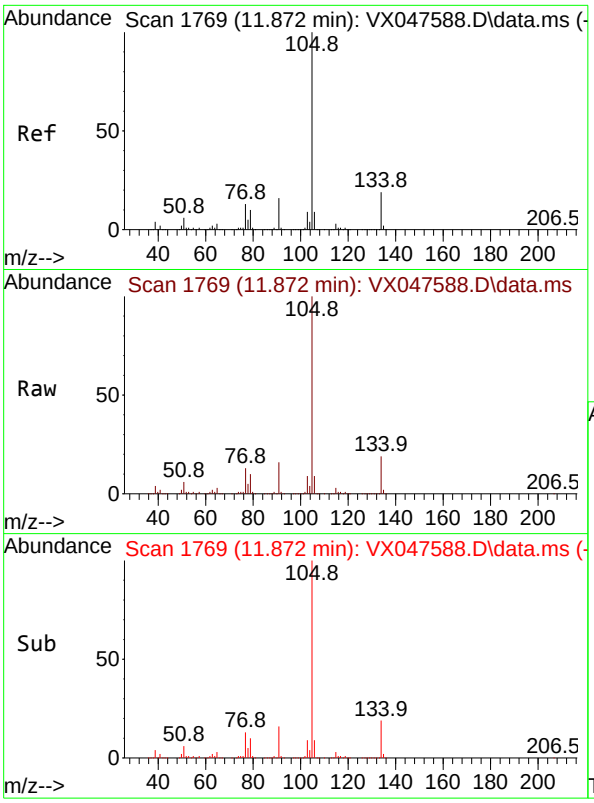


#84
1,2,4-Trimethylbenzene
Concen: 52.798 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:105 Resp: 427073

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.1



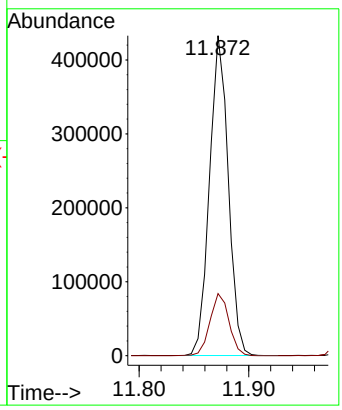


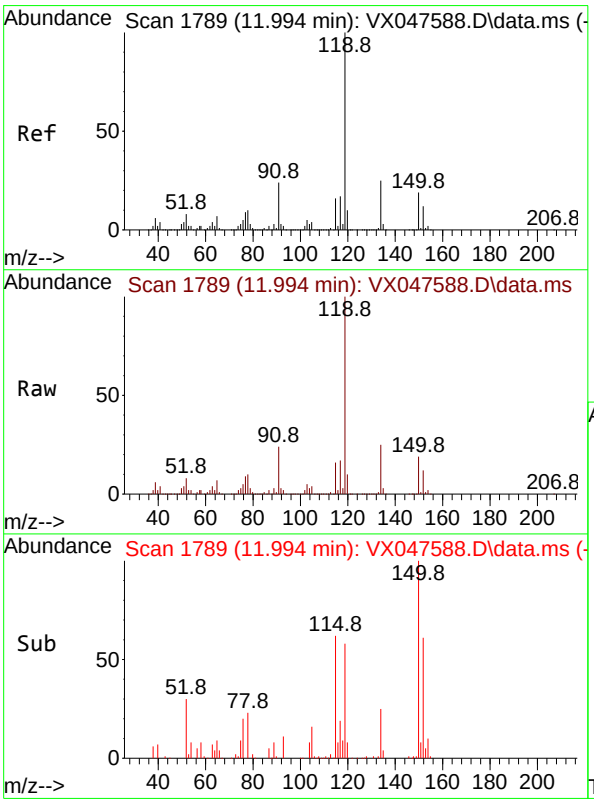
#85
sec-Butylbenzene
Concen: 53.029 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 514442

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5

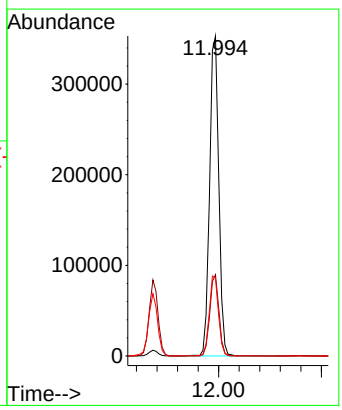


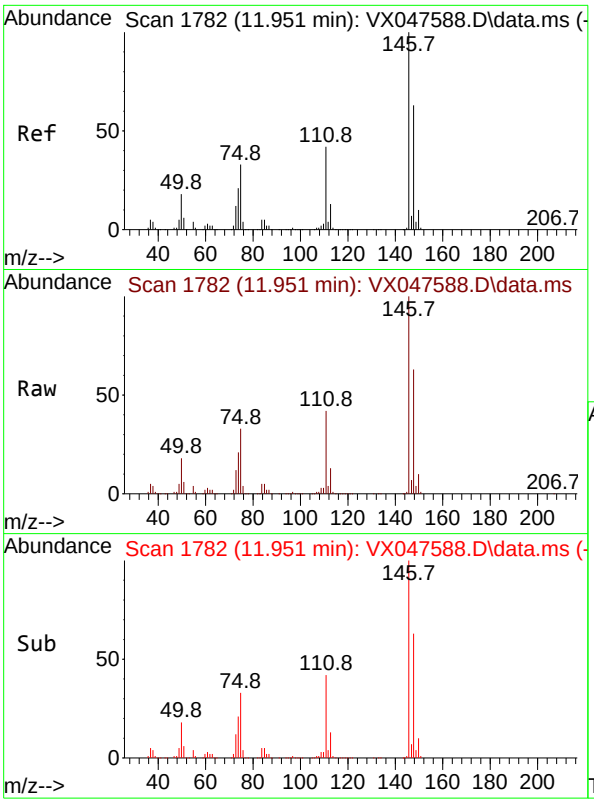


#86
p-Isopropyltoluene
Concen: 53.172 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:119 Resp: 436704

Ion	Ratio	Lower	Upper
119	100		
134	25.2	12.6	37.8
91	25.1	12.6	37.6



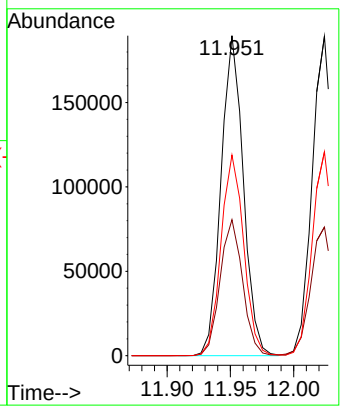


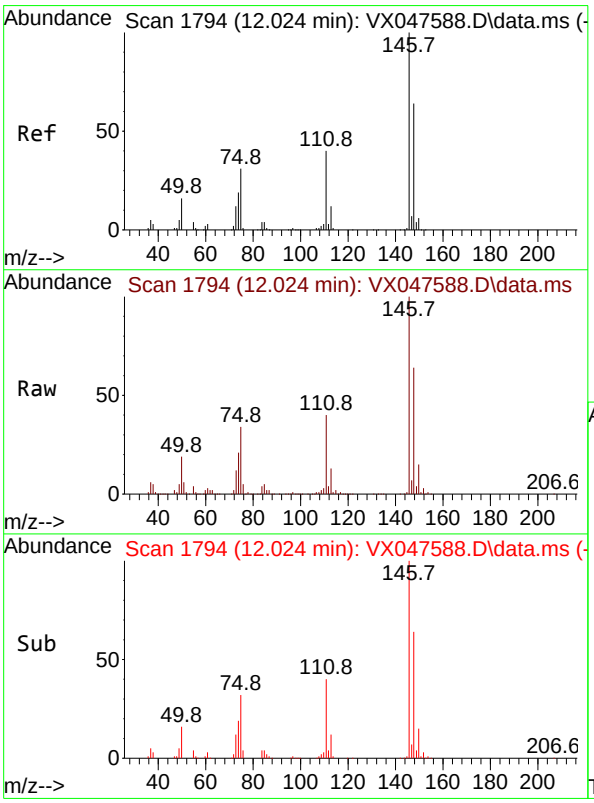
#87
1,3-Dichlorobenzene
Concen: 52.232 ug/l
RT: 11.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 232038

Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.5	64.5
148	64.0	32.0	96.0

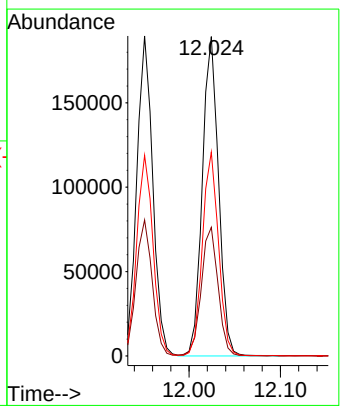


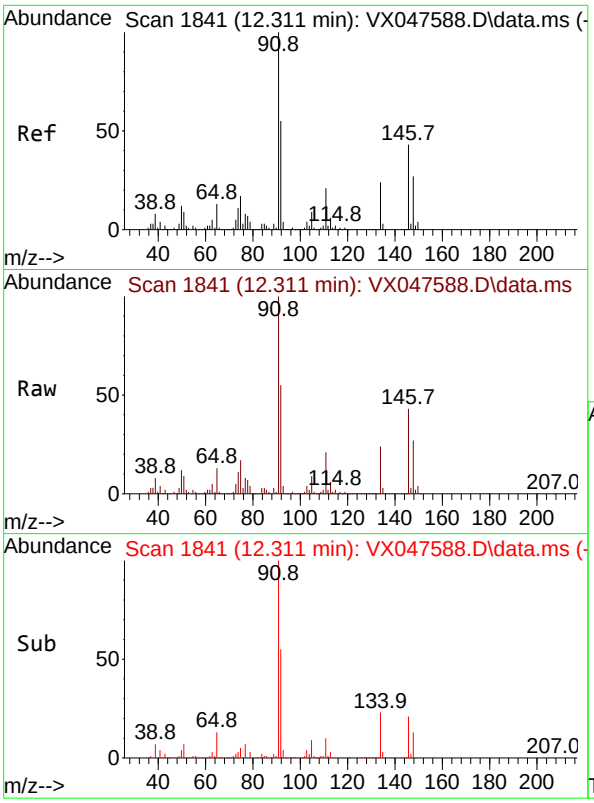


#88
1,4-Dichlorobenzene
Concen: 51.316 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:146 Resp: 233975

Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.8	62.4
148	63.4	31.7	95.1



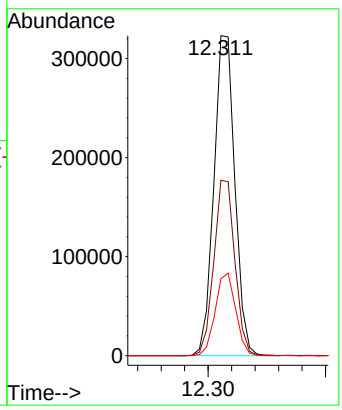


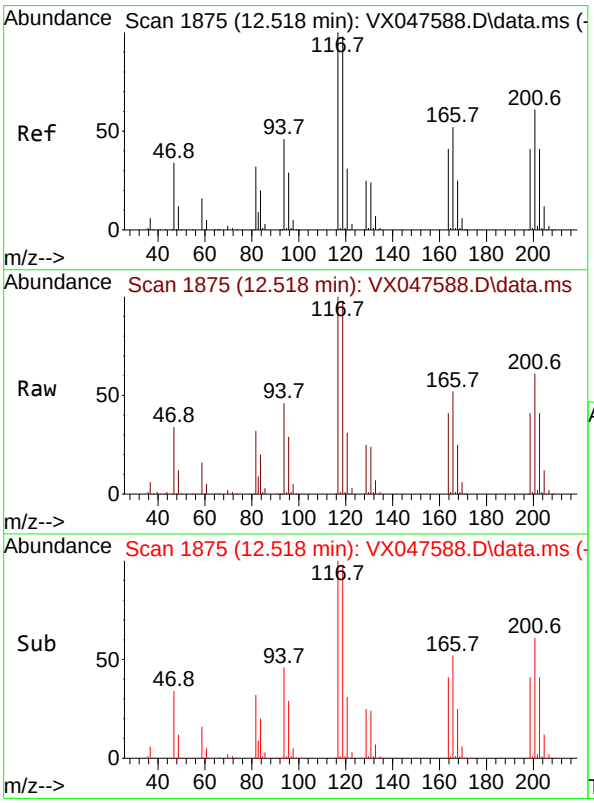
#89
n-Butylbenzene
Concen: 52.766 ug/l
RT: 12.311 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 400997

Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.6	82.7
134	25.2	12.6	37.8

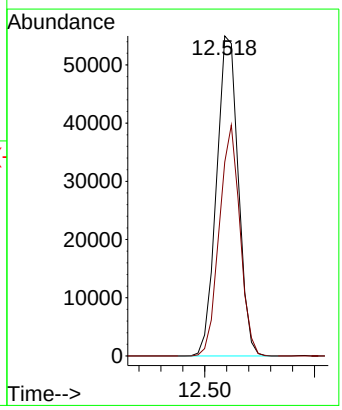


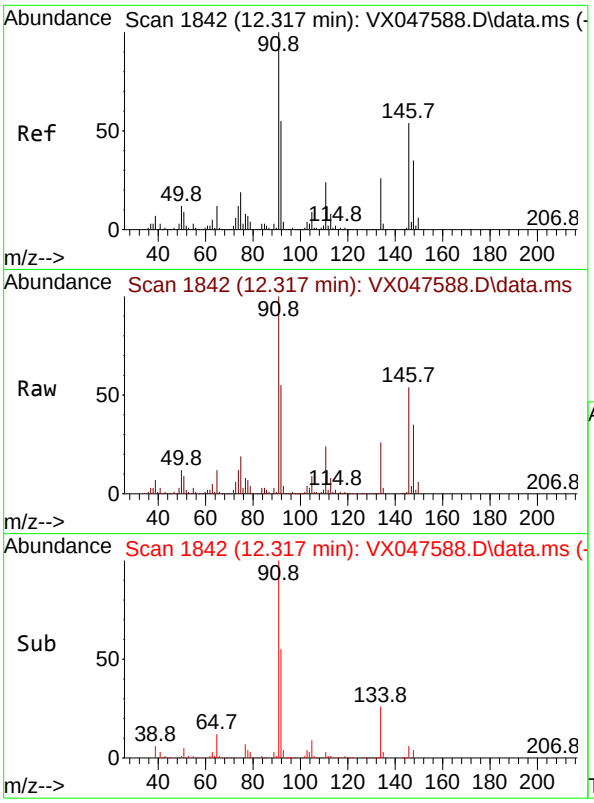


#90
Hexachloroethane
Concen: 52.567 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:117 Resp: 75800

Ion	Ratio	Lower	Upper
117	100		
201	68.3	34.2	102.5



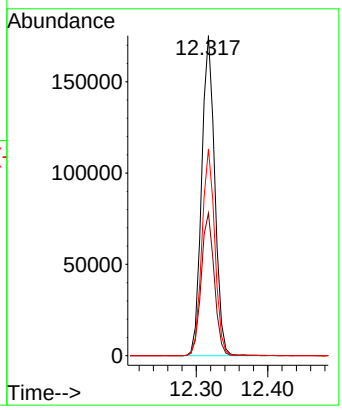


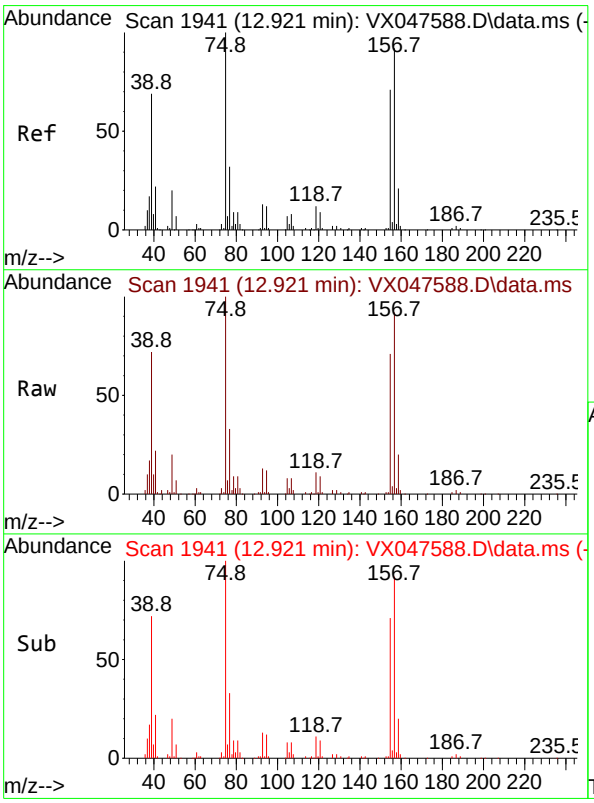
#91
1,2-Dichlorobenzene
Concen: 52.688 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 222993

Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.2	66.6
148	63.6	31.8	95.4

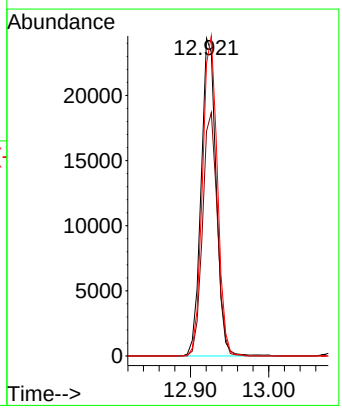


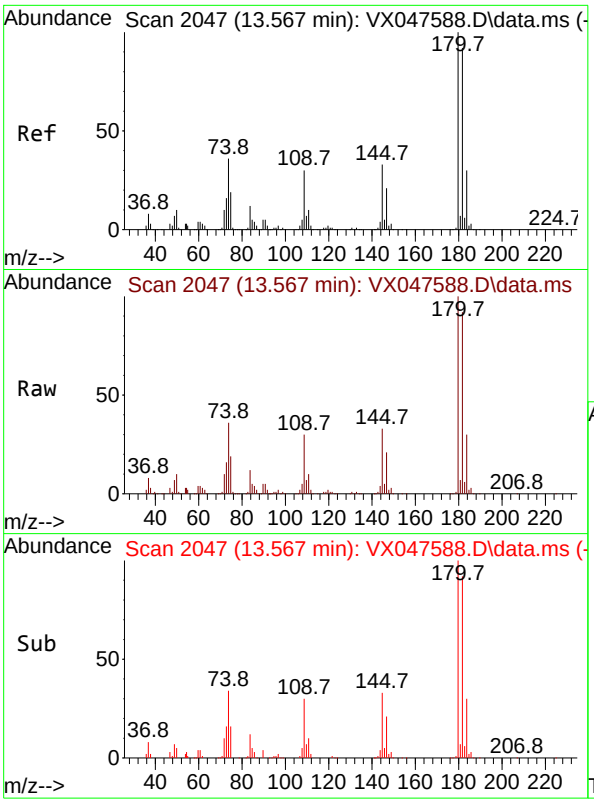


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.554 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 75 Resp: 32451

Ion	Ratio	Lower	Upper
75	100		
155	75.4	37.7	113.1
157	99.6	49.8	149.4



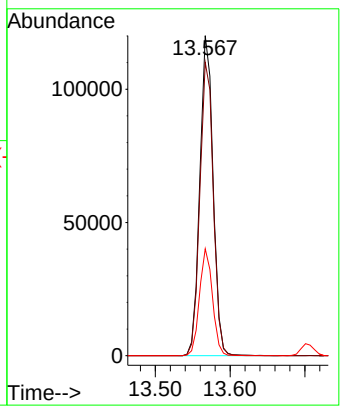


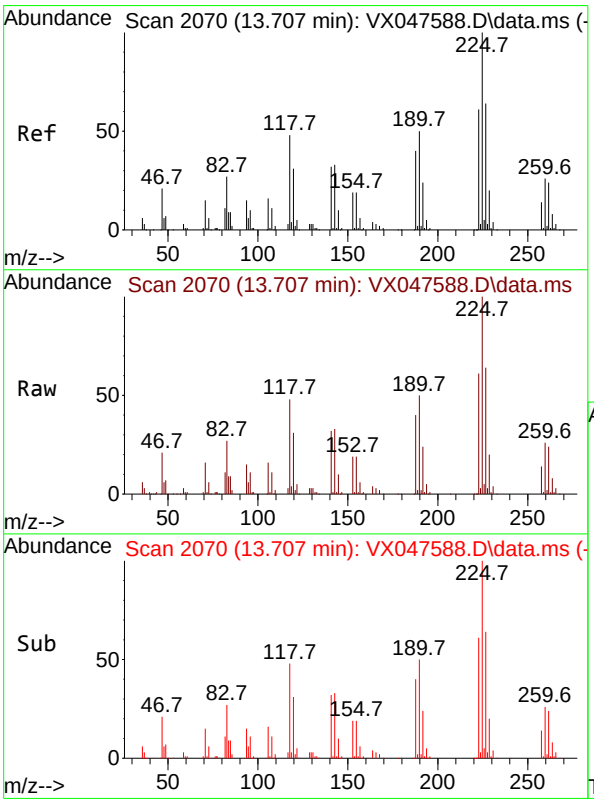
#93
1,2,4-Trichlorobenzene
Concen: 53.685 ug/l
RT: 13.567 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:180 Resp: 147670

Ion	Ratio	Lower	Upper
180	100		
182	93.2	46.6	139.8
145	32.7	16.4	49.1

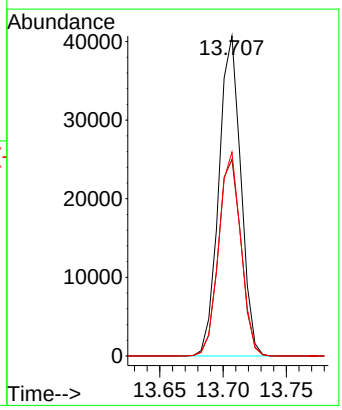


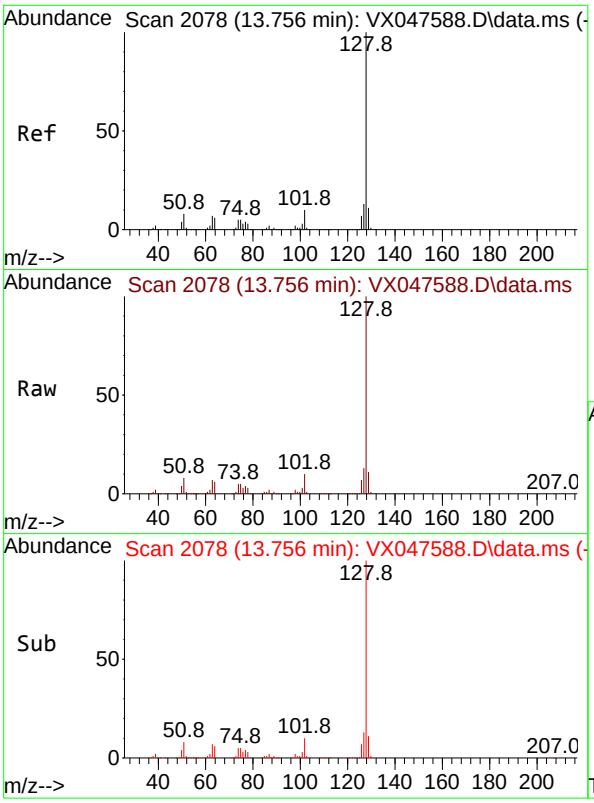


#94
Hexachlorobutadiene
Concen: 52.510 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:225 Resp: 49061

Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.7	95.1
227	64.0	32.0	96.0



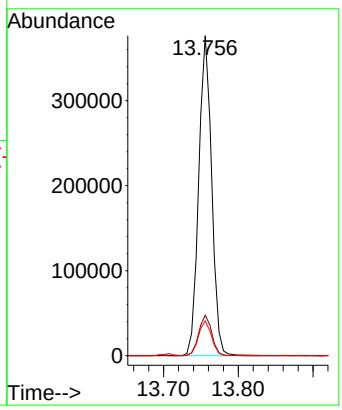


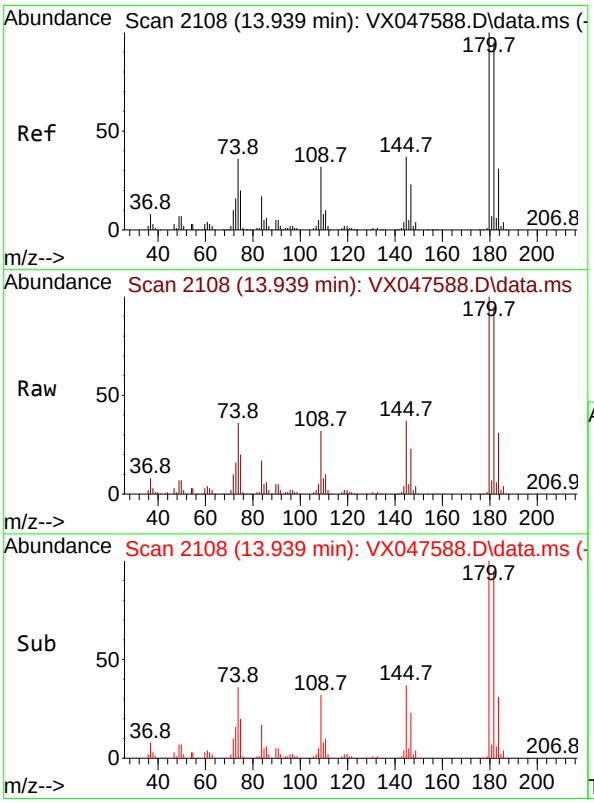
#95
Naphthalene
Concen: 53.966 ug/l
RT: 13.756 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 452013

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.0	8.8	13.2

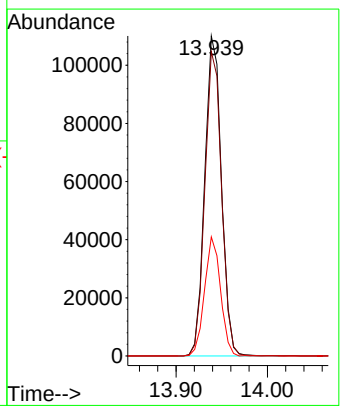




#96
1,2,3-Trichlorobenzene
Concen: 54.316 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:180 Resp: 138978

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.6	142.8
145	35.8	17.9	53.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Sep 22 01:51:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.532	168	169280	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	298913	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	258399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	122218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	275758	102.341	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 204.680%#			
35) Dibromofluoromethane	5.361	113	212419	105.962	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 211.920%#			
50) Toluene-d8	8.629	98	724078	104.386	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 208.780%#			
62) 4-Bromofluorobenzene	11.061	95	270289	102.672	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 205.340%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	172727	98.537	ug/l	100
3) Chloromethane	1.301	50	229165	99.472	ug/l	100
4) Vinyl Chloride	1.380	62	229175	101.621	ug/l	100
5) Bromomethane	1.611	94	143113	100.076	ug/l	99
6) Chloroethane	1.691	64	152487	101.167	ug/l	99
7) Trichlorofluoromethane	1.892	101	344488	102.878	ug/l	100
8) Diethyl Ether	2.130	74	142038	103.695	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	199843	102.067	ug/l	99
10) Methyl Iodide	2.453	142	313092	102.531	ug/l	99
11) Tert butyl alcohol	2.947	59	152108	506.863	ug/l	98
12) 1,1-Dichloroethene	2.319	96	206097	102.473	ug/l	93
13) Acrolein	2.233	56	150793	545.276	ug/l	97
14) Allyl chloride	2.660	41	415140	100.028	ug/l	99
15) Acrylonitrile	3.056	53	581240	522.897	ug/l	100
16) Acetone	2.374	43	510542	435.772	ug/l	100
17) Carbon Disulfide	2.514	76	537888	97.693	ug/l	98
18) Methyl Acetate	2.697	43	292867	112.324	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	748952	102.011	ug/l	100
20) Methylene Chloride	2.782	84	242548	97.805	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	217759	100.566	ug/l	98
22) Diisopropyl ether	3.745	45	811840	100.934	ug/l	88
23) Vinyl Acetate	3.709	43	3314707	514.916	ug/l	99
24) 1,1-Dichloroethane	3.599	63	435815	101.944	ug/l	98
25) 2-Butanone	4.532	43	700827	479.558	ug/l	97
26) 2,2-Dichloropropane	4.465	77	357292	100.542	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	266550	100.516	ug/l	100
28) Bromochloromethane	4.873	49	198788	106.512	ug/l	99
29) Tetrahydrofuran	4.977	42	443530	504.502	ug/l	99
30) Chloroform	5.074	83	433937	100.447	ug/l	100
31) Cyclohexane	5.452	56	332995	93.523	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	372323	101.607	ug/l	99
36) 1,1-Dichloropropene	5.672	75	281650	96.149	ug/l	98
37) Ethyl Acetate	4.690	43	318793	101.641	ug/l	99
38) Carbon Tetrachloride	5.660	117	314745	98.891	ug/l	98
39) Methylcyclohexane	7.360	83	327858	98.600	ug/l	98
40) Benzene	6.019	78	880885	99.009	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Sep 22 01:51:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	168753	104.220	ug/l	99
42) 1,2-Dichloroethane	6.062	62	331465	97.916	ug/l	100
43) Isopropyl Acetate	6.318	43	516875	100.482	ug/l	99
44) Trichloroethene	7.104	130	217753	101.234	ug/l	96
45) 1,2-Dichloropropane	7.409	63	228150	100.145	ug/l	100
46) Dibromomethane	7.562	93	164987	99.519	ug/l	99
47) Bromodichloromethane	7.806	83	345991	101.136	ug/l	98
48) Methyl methacrylate	7.671	41	260358	101.612	ug/l	100
49) 1,4-Dioxane	7.641	88	56717	2190.315	ug/l	99
51) 4-Methyl-2-Pentanone	8.555	43	1431253	501.834	ug/l	100
52) Toluene	8.702	92	536148	97.811	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	355881	101.986	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	380577	102.038	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	205939	97.434	ug/l	97
56) Ethyl methacrylate	9.098	69	346659	104.435	ug/l	99
57) 1,3-Dichloropropane	9.293	76	362848	99.935	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	836362	499.814	ug/l	100
59) 2-Hexanone	9.415	43	996274	486.380	ug/l	100
60) Dibromochloromethane	9.506	129	251394	103.226	ug/l	99
61) 1,2-Dibromoethane	9.592	107	217751	101.147	ug/l	100
64) Tetrachloroethene	9.256	164	165559	98.284	ug/l	98
65) Chlorobenzene	10.061	112	588517	100.253	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	208621	102.988	ug/l	100
67) Ethyl Benzene	10.177	91	1031346	101.823	ug/l	100
68) m/p-Xylenes	10.287	106	763898	202.624	ug/l	99
69) o-Xylene	10.622	106	372621	102.186	ug/l	99
70) Styrene	10.634	104	649863	101.710	ug/l	100
71) Bromoform	10.781	173	161188	106.566	ug/l	98
73) Isopropylbenzene	10.945	105	954900	102.768	ug/l	100
74) N-amyl acetate	10.823	43	448344	105.812	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	281608	100.172	ug/l	98
76) 1,2,3-Trichloropropane	11.220	75	327988	132.545	ug/l	89
77) Bromobenzene	11.183	156	234666	102.541	ug/l	98
78) n-propylbenzene	11.287	91	1119728	101.941	ug/l	99
79) 2-Chlorotoluene	11.348	91	683867	101.652	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	787327	103.134	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	102555	105.689	ug/l	98
82) 4-Chlorotoluene	11.433	91	802929	101.054	ug/l	100
83) tert-Butylbenzene	11.695	119	791896	101.333	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	790557	102.144	ug/l	99
85) sec-Butylbenzene	11.872	105	945321	101.840	ug/l	100
86) p-Isopropyltoluene	11.994	119	797643	101.501	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	432248	101.689	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	431839	98.985	ug/l	100
89) n-Butylbenzene	12.311	91	757239	104.138	ug/l	99
90) Hexachloroethane	12.518	117	148048	107.304	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	414491	102.352	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	61029	107.225	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	278777	105.922	ug/l	100
94) Hexachlorobutadiene	13.707	225	92124	103.049	ug/l	99
95) Naphthalene	13.756	128	854492	106.620	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	263512	107.633	ug/l	98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Sep 22 01:51:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

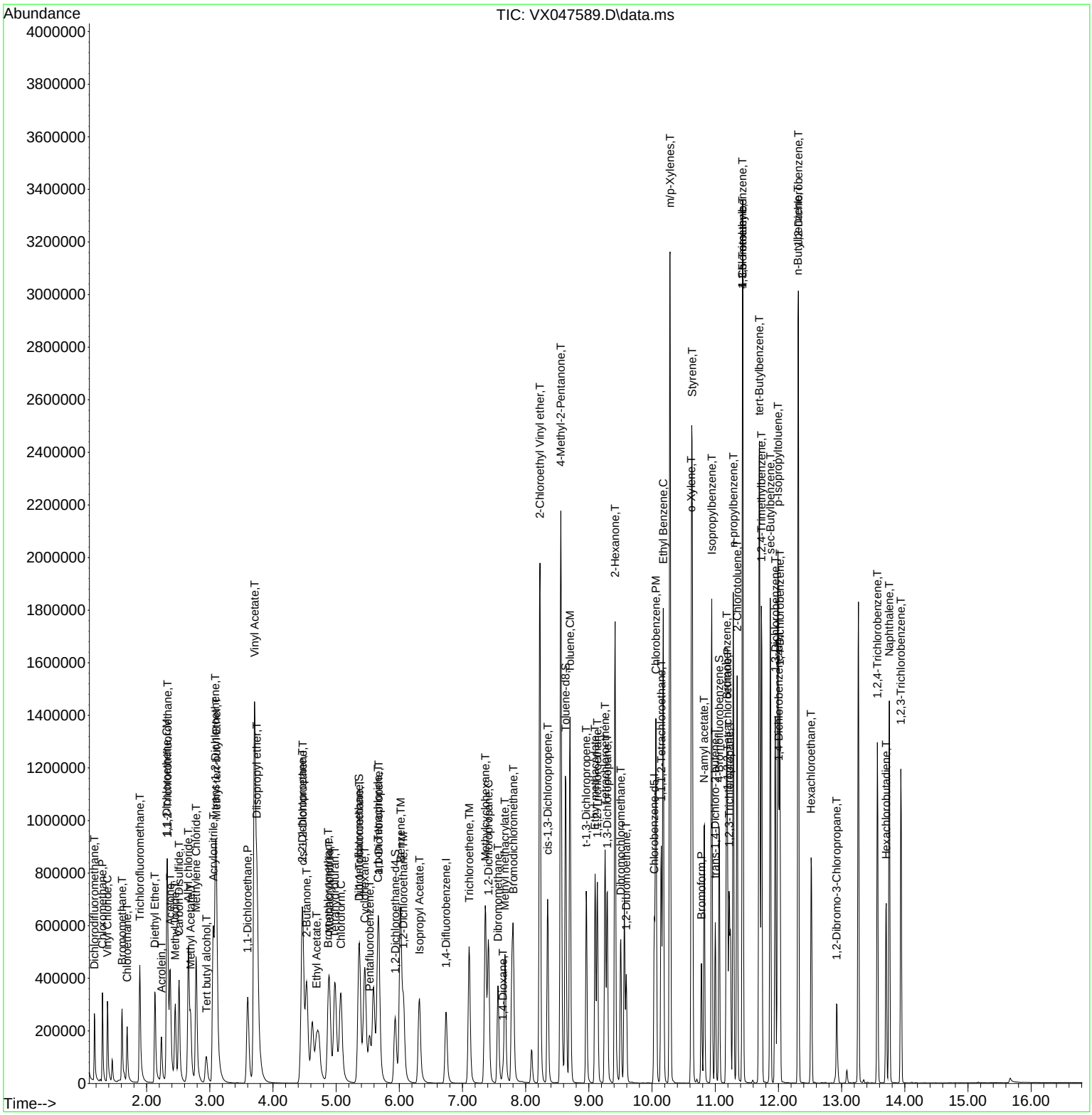
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

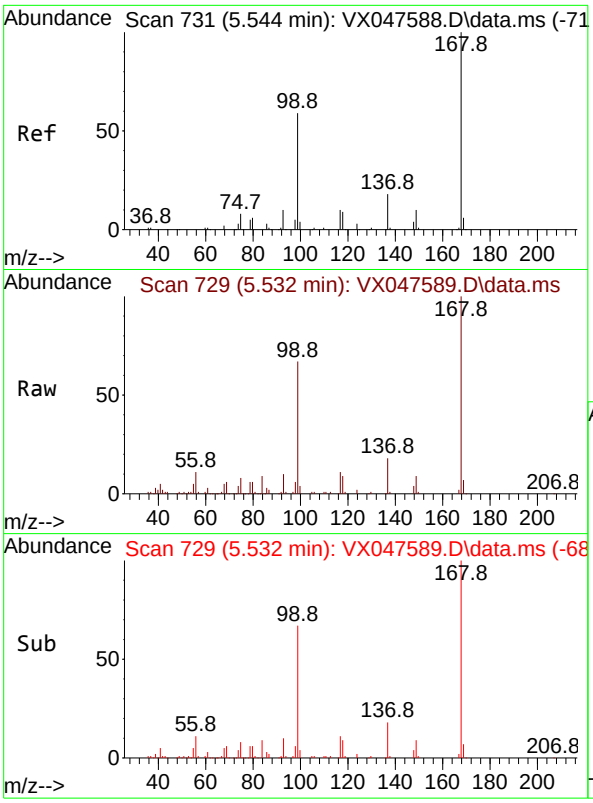
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Sep 22 01:51:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



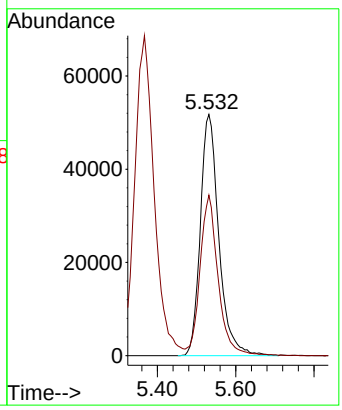


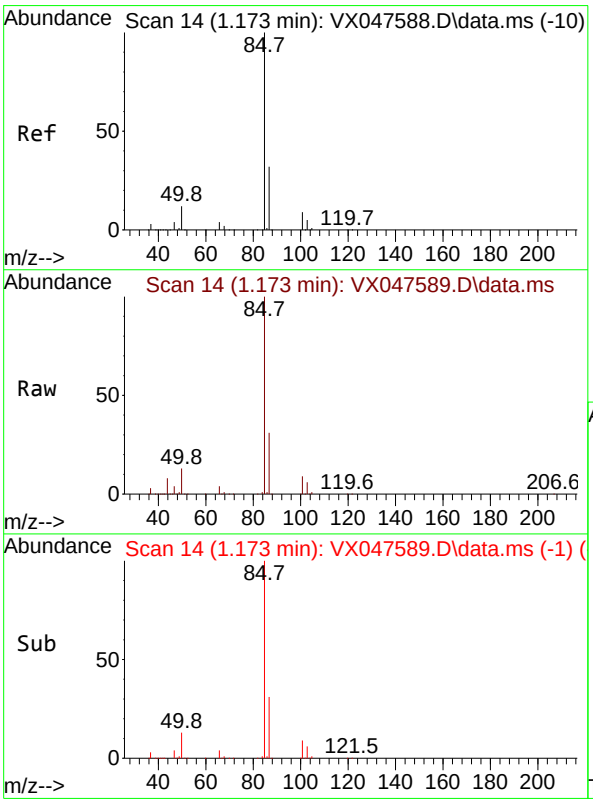
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:168 Resp: 169280

Ion	Ratio	Lower	Upper
168	100		
99	66.4	48.8	73.2

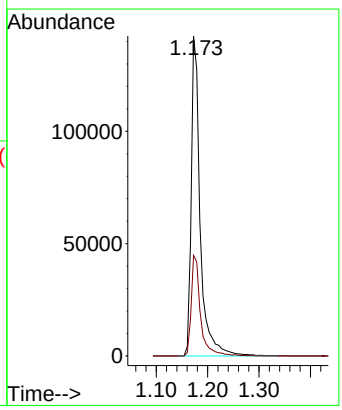


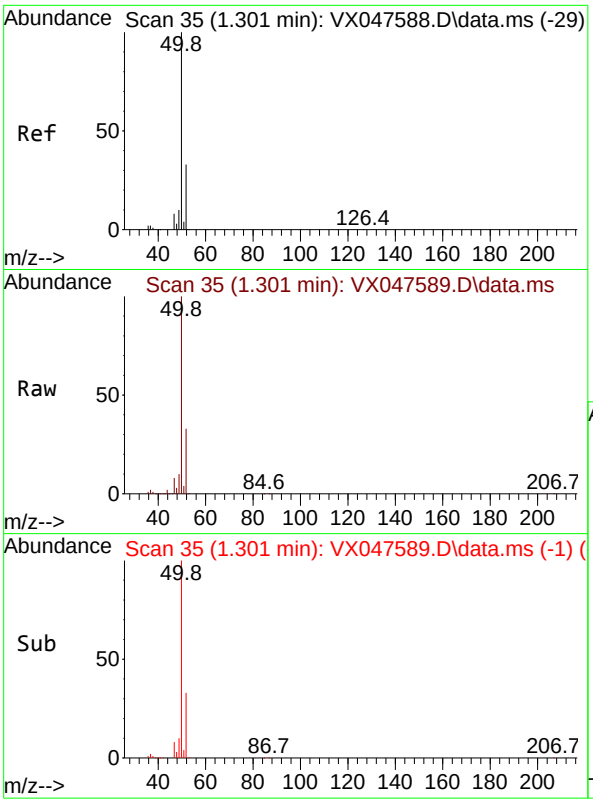


#2
Dichlorodifluoromethane
Concen: 98.537 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 85 Resp: 172727

Ion	Ratio	Lower	Upper
85	100		
87	31.4	15.8	47.3



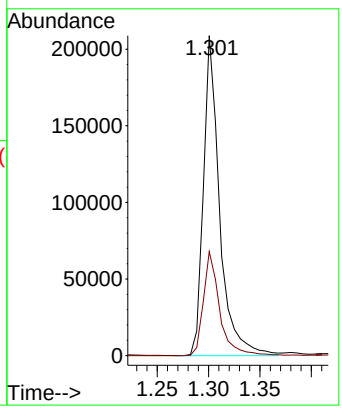


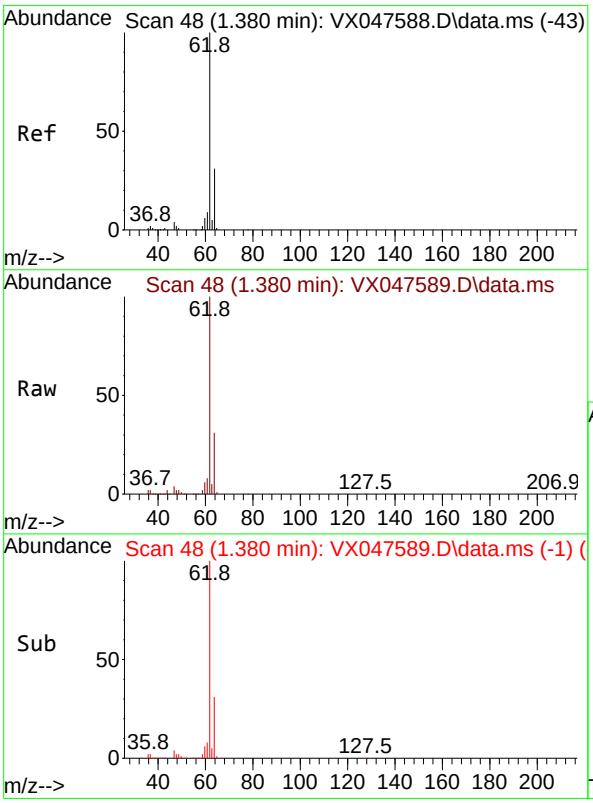
#3
Chloromethane
Concen: 99.472 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 229165

Ion	Ratio	Lower	Upper
50	100		
52	32.5	26.1	39.1

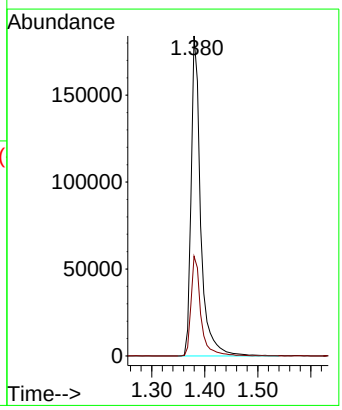


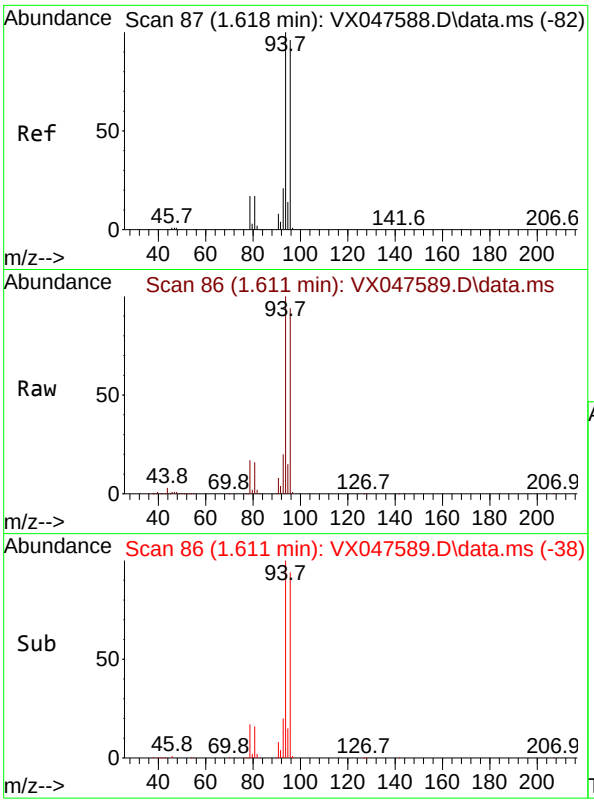


#4
Vinyl Chloride
Concen: 101.621 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 62 Resp: 229175

Ion	Ratio	Lower	Upper
62	100		
64	31.1	24.9	37.3



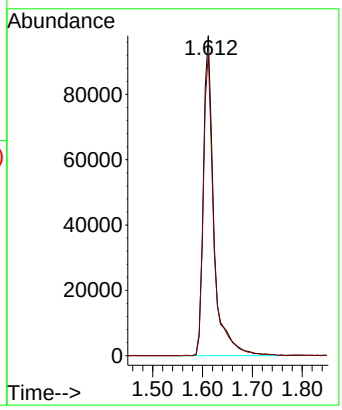


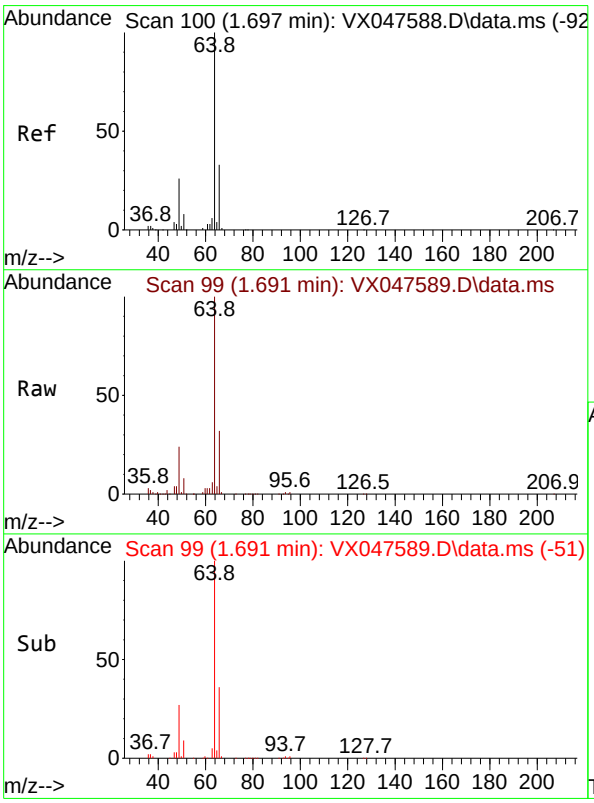
#5
Bromomethane
Concen: 100.076 ug/l
RT: 1.611 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 94 Resp: 143113

Ion	Ratio	Lower	Upper
94	100		
96	94.4	76.6	115.0

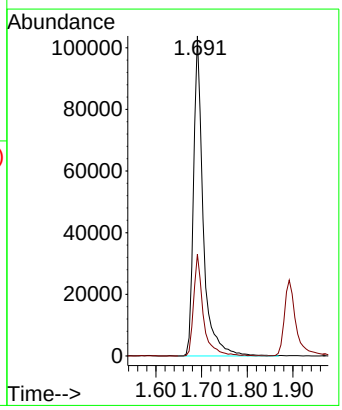


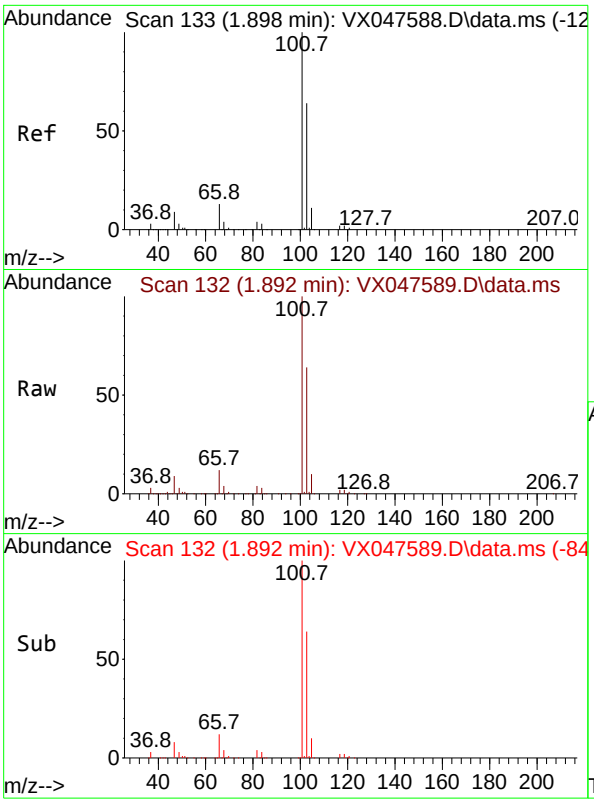


#6
Chloroethane
Concen: 101.167 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 64 Resp: 152487

Ion	Ratio	Lower	Upper
64	100		
66	31.8	26.1	39.1



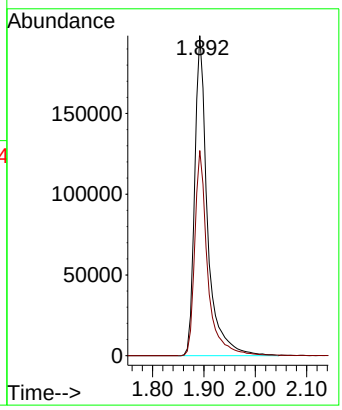


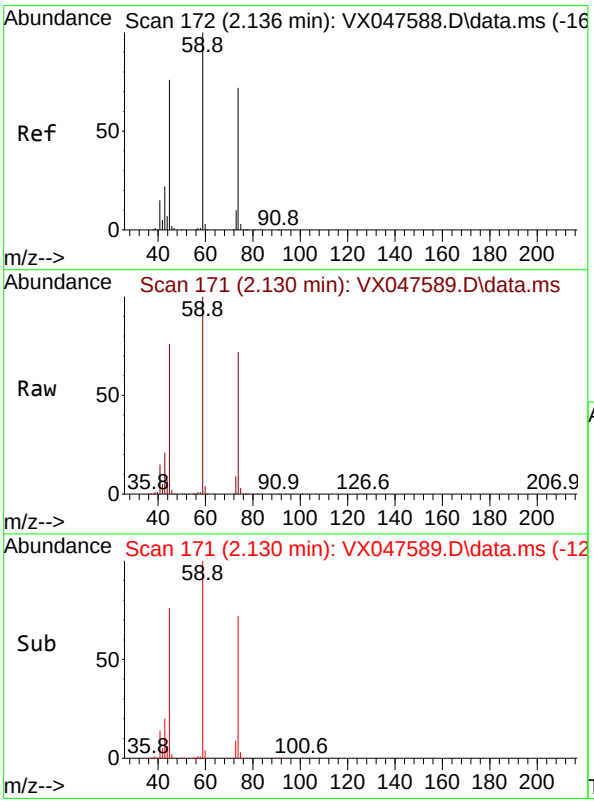
#7
Trichlorofluoromethane
Concen: 102.878 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 344488

Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.4	77.2

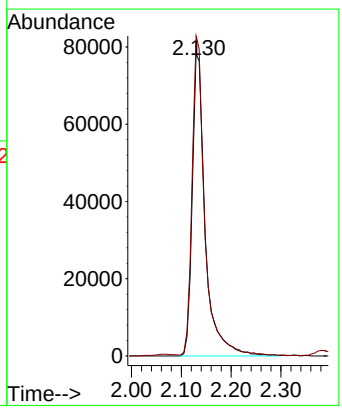


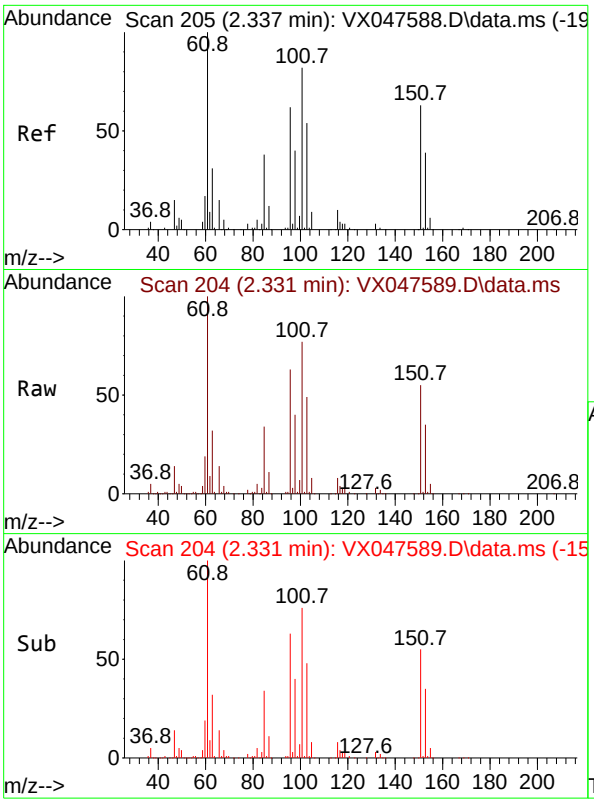


#8
Diethyl Ether
Concen: 103.695 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 74 Resp: 142038

Ion	Ratio	Lower	Upper
74	100		
45	104.6	52.3	156.8



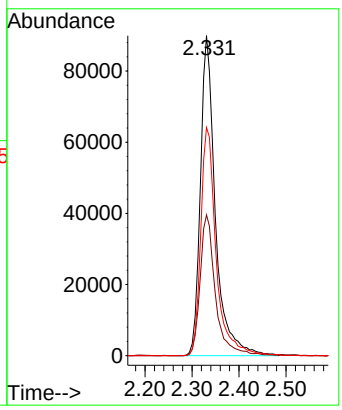


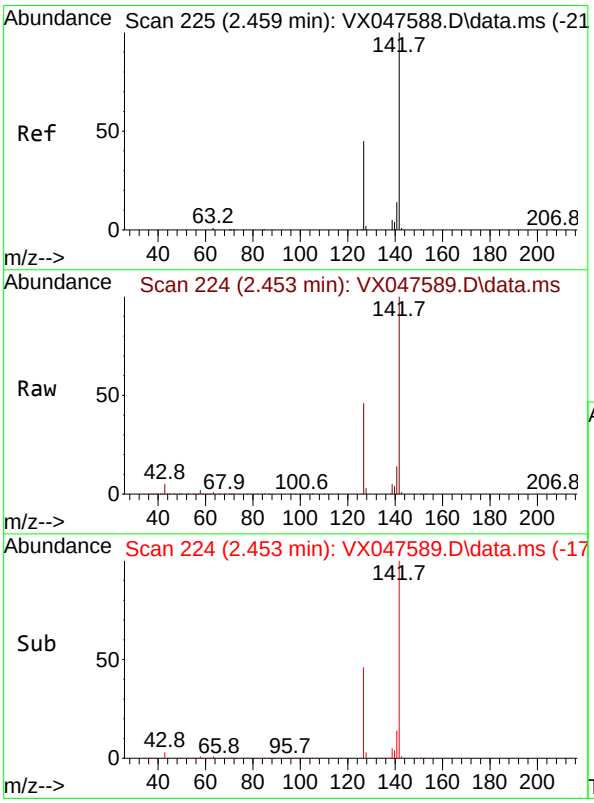
#9
1,1,2-Trichlorotrifluoroethane
Concen: 102.067 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 199843

Ion	Ratio	Lower	Upper
101	100		
85	45.1	35.5	53.3
151	73.6	59.4	89.0

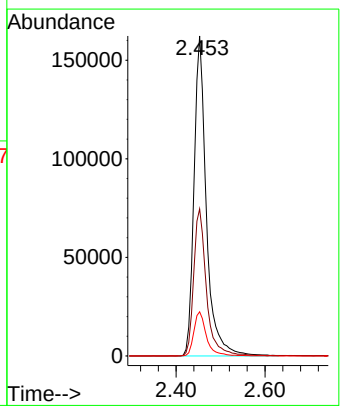


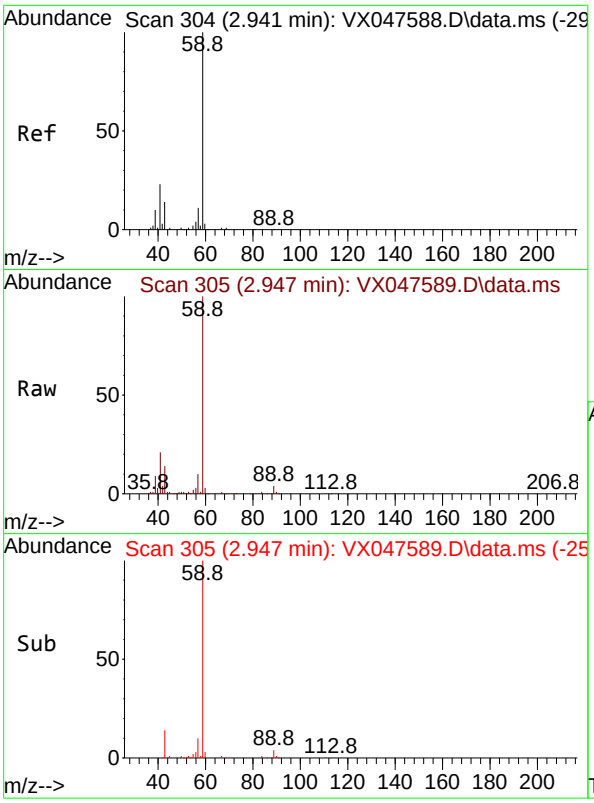


#10
Methyl Iodide
Concen: 102.531 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:142 Resp: 313092

Ion	Ratio	Lower	Upper
142	100		
127	47.3	37.2	55.8
141	14.1	11.4	17.0



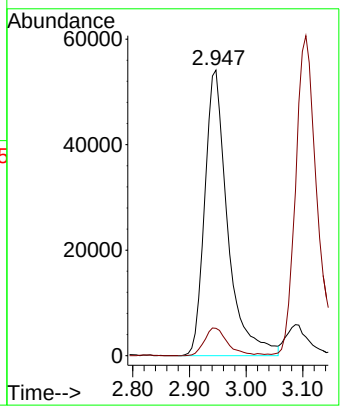


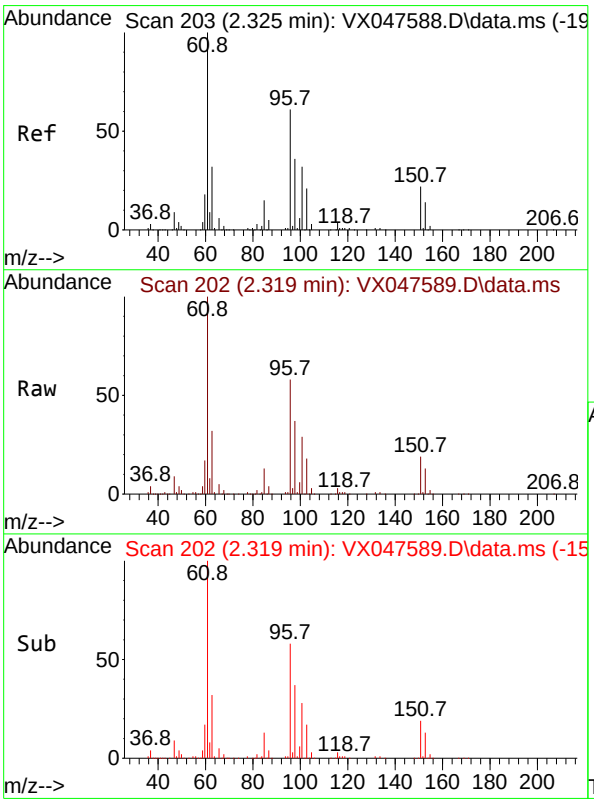
#11
Tert butyl alcohol
Concen: 506.863 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 152108

Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.3	12.5

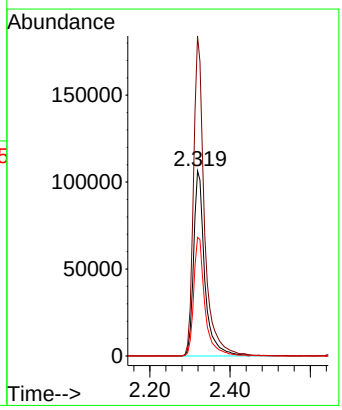


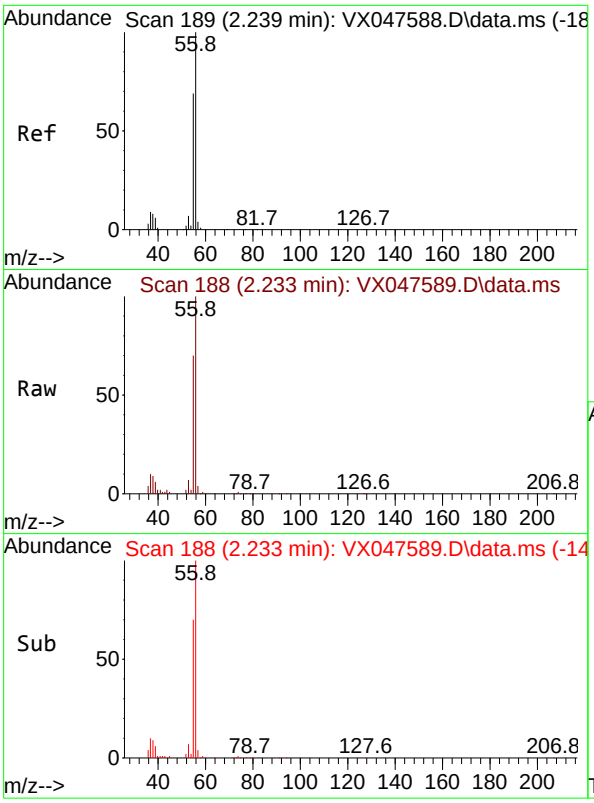


#12
1,1-Dichloroethene
Concen: 102.473 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 96 Resp: 206097

Ion	Ratio	Lower	Upper
96	100		
61	172.9	131.0	196.6
98	64.0	47.7	71.5



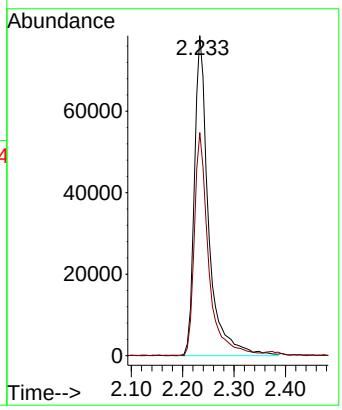


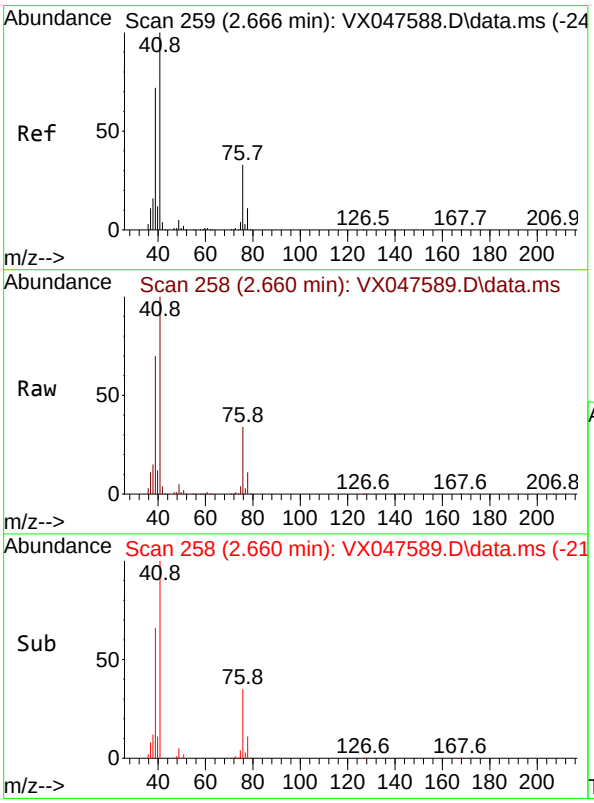
#13
Acrolein
Concen: 545.276 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 150793

Ion	Ratio	Lower	Upper
56	100		
55	69.4	57.2	85.8

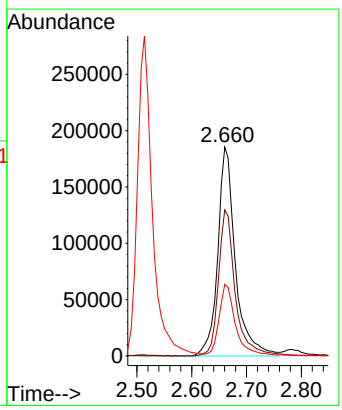


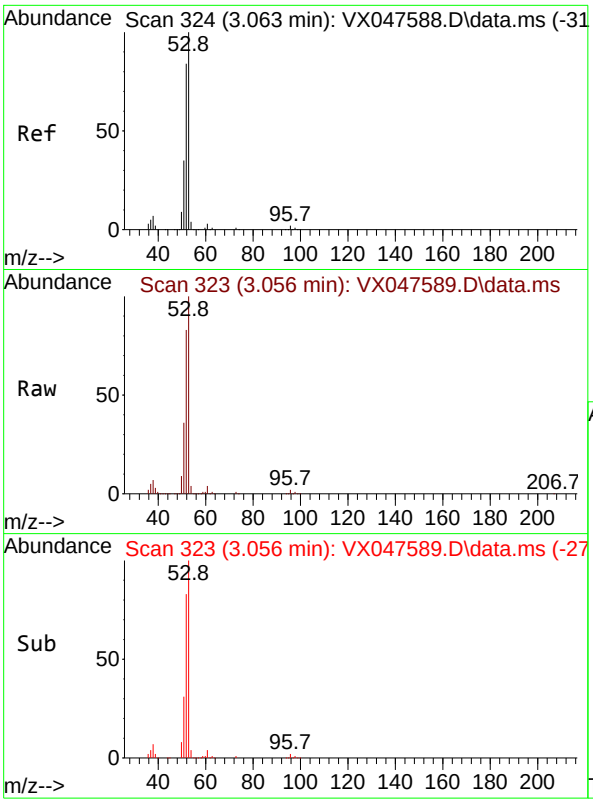


#14
Allyl chloride
Concen: 100.028 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 41 Resp: 415140

Ion	Ratio	Lower	Upper
41	100		
39	67.0	54.7	82.1
76	32.2	25.7	38.5



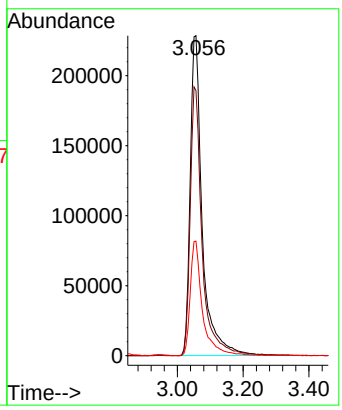


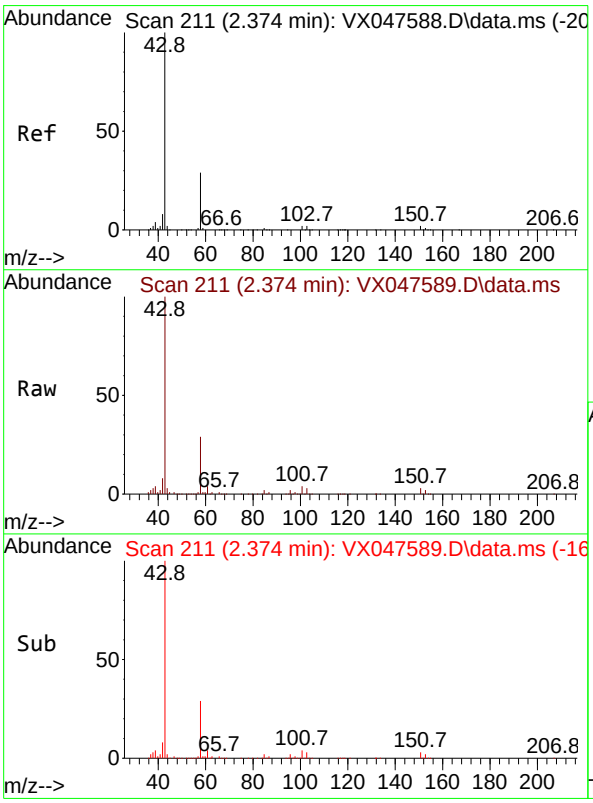
#15
Acrylonitrile
Concen: 522.897 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 53 Resp: 581240

Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.4	99.6
51	36.4	29.5	44.3

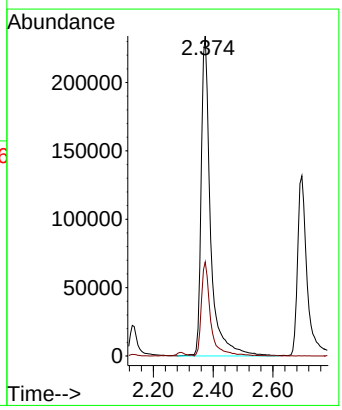


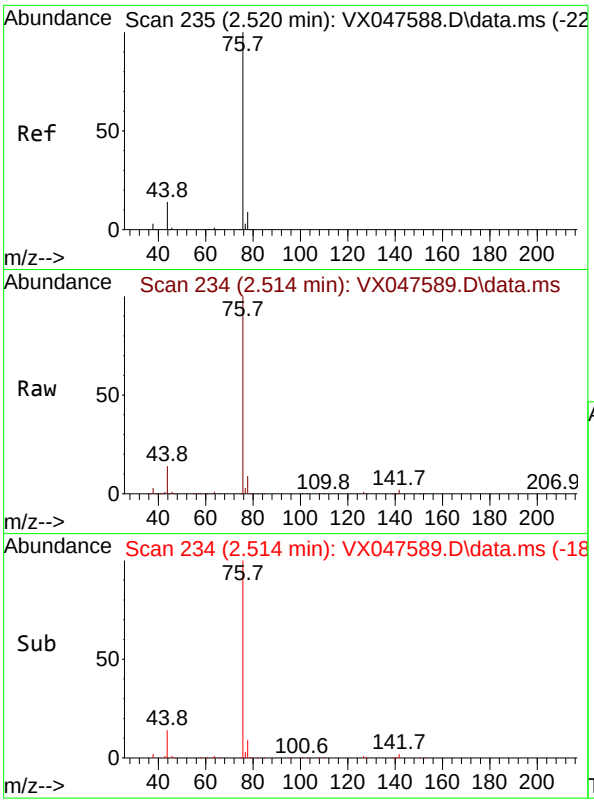


#16
Acetone
Concen: 435.772 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 510542

Ion	Ratio	Lower	Upper
43	100		
58	29.4	23.4	35.0



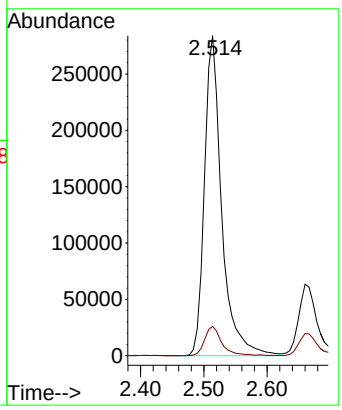


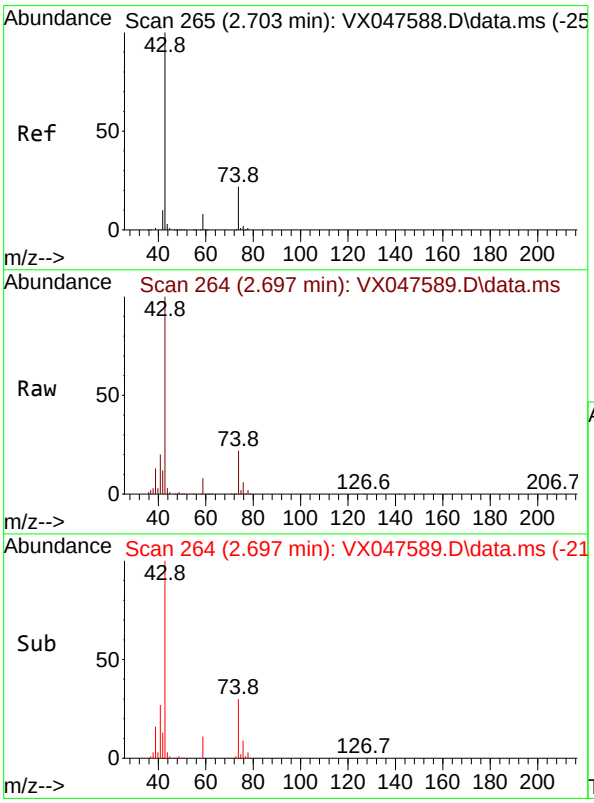
#17
Carbon Disulfide
Concen: 97.693 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 537888

Ion	Ratio	Lower	Upper
76	100		
78	9.2	6.8	10.2

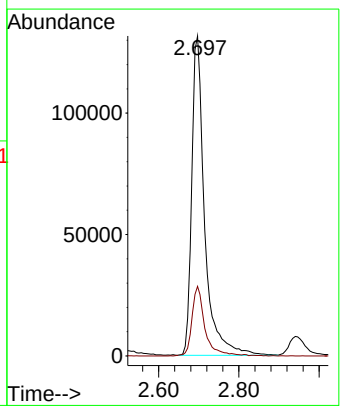


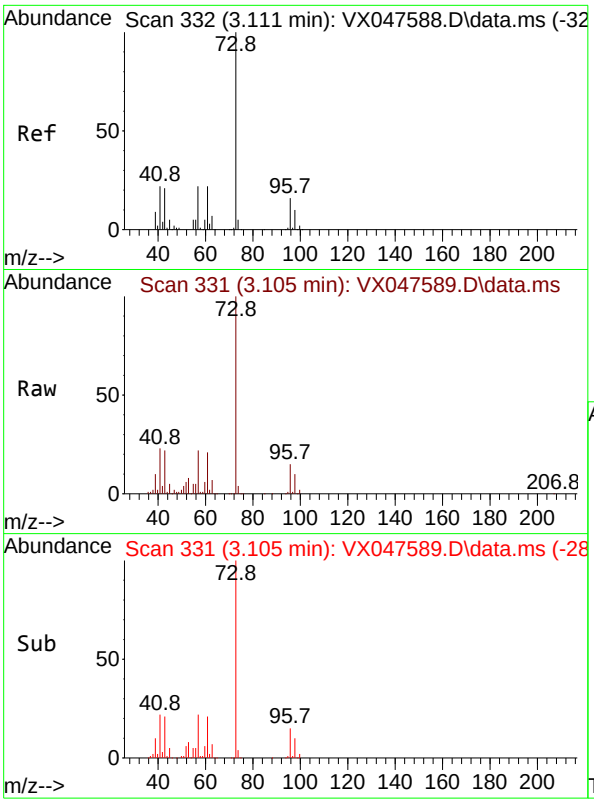


#18
Methyl Acetate
Concen: 112.324 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 292867

Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.4	26.2



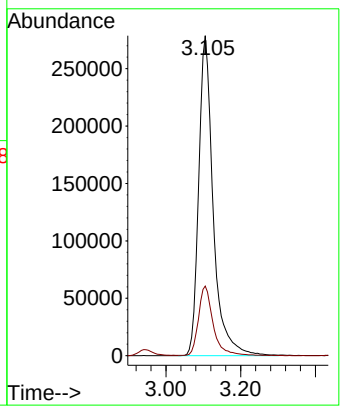


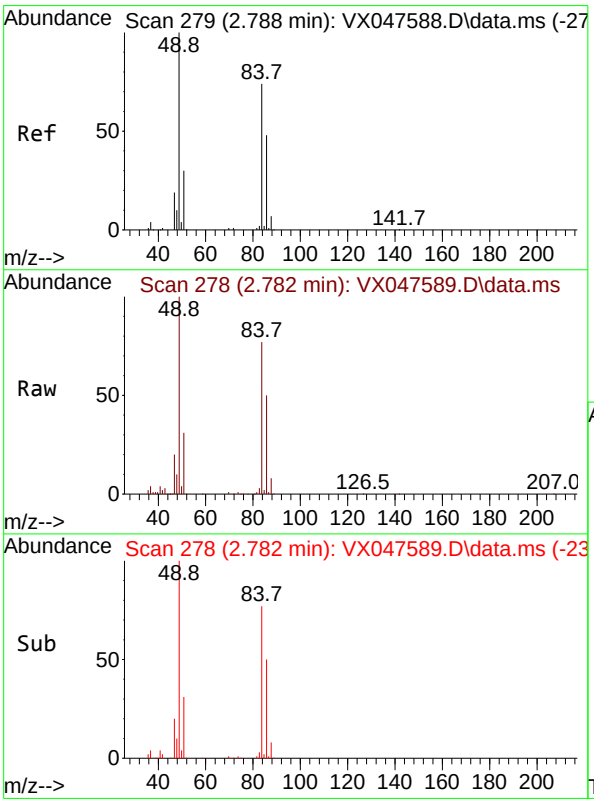
#19
Methyl tert-butyl Ether
Concen: 102.011 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 748952

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.4	26.2

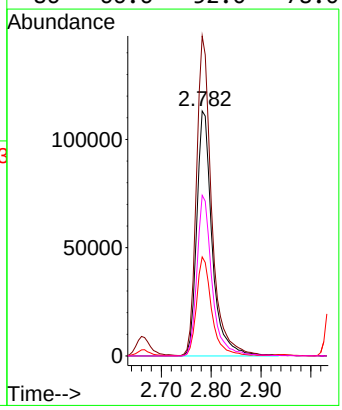


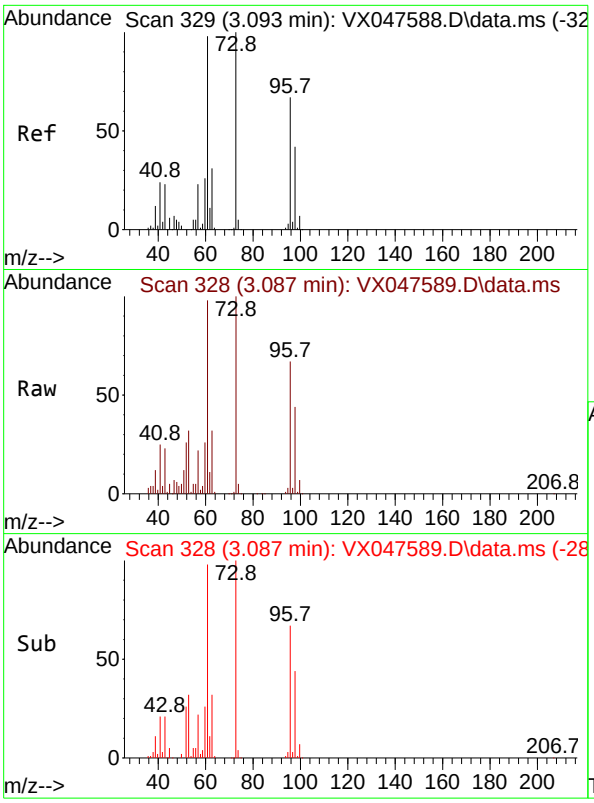


#20
Methylene Chloride
Concen: 97.805 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 84 Resp: 242548

Ion	Ratio	Lower	Upper
84	100		
49	130.4	108.6	162.8
51	40.3	32.6	48.8
86	66.6	52.0	78.0



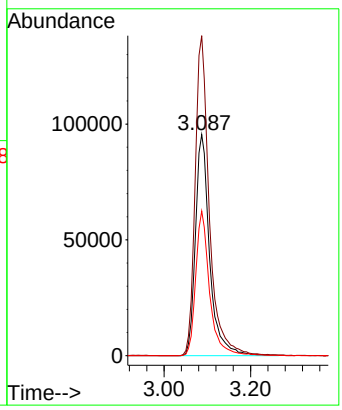


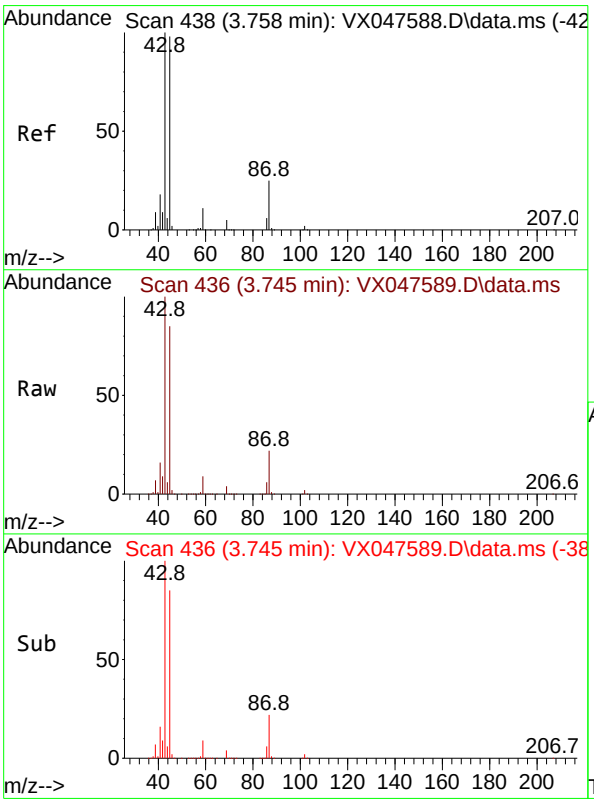
#21
trans-1,2-Dichloroethene
Concen: 100.566 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 217759

Ion	Ratio	Lower	Upper
96	100		
61	144.7	116.2	174.2
98	65.4	49.3	73.9

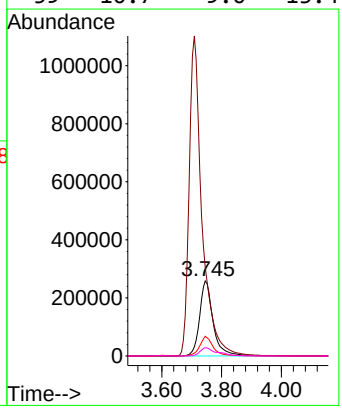


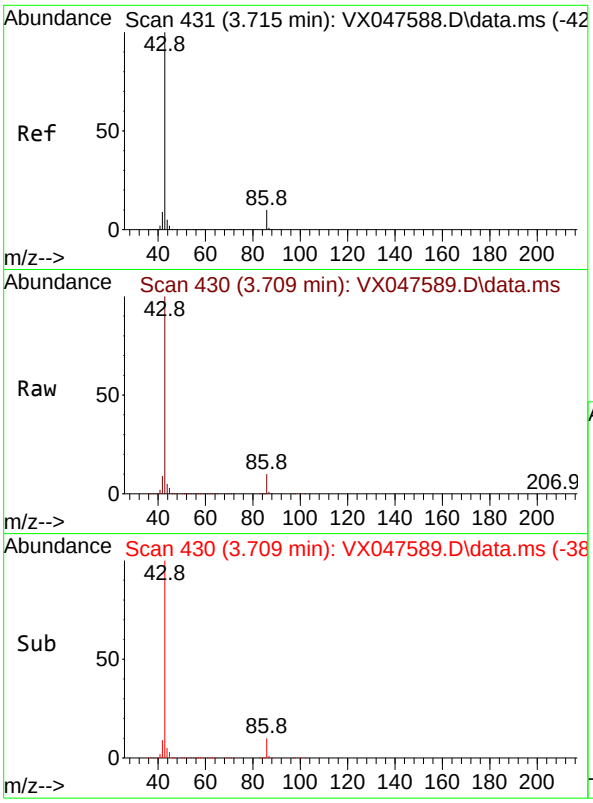


#22
Diisopropyl ether
Concen: 100.934 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 45 Resp: 811840

Ion	Ratio	Lower	Upper
45	100		
43	117.3	81.0	121.4
87	26.1	20.3	30.5
59	10.7	9.0	13.4



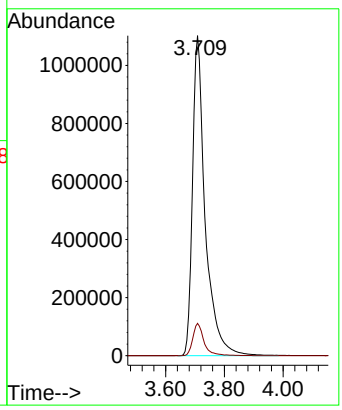


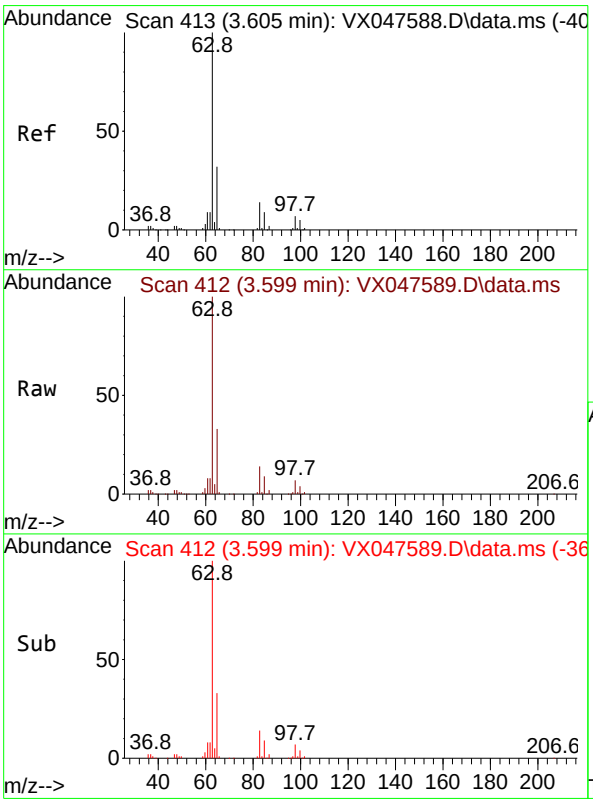
#23
Vinyl Acetate
Concen: 514.916 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 3314707

Ion	Ratio	Lower	Upper
43	100		
86	10.1	7.8	11.8

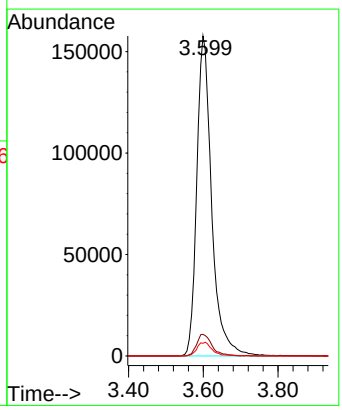


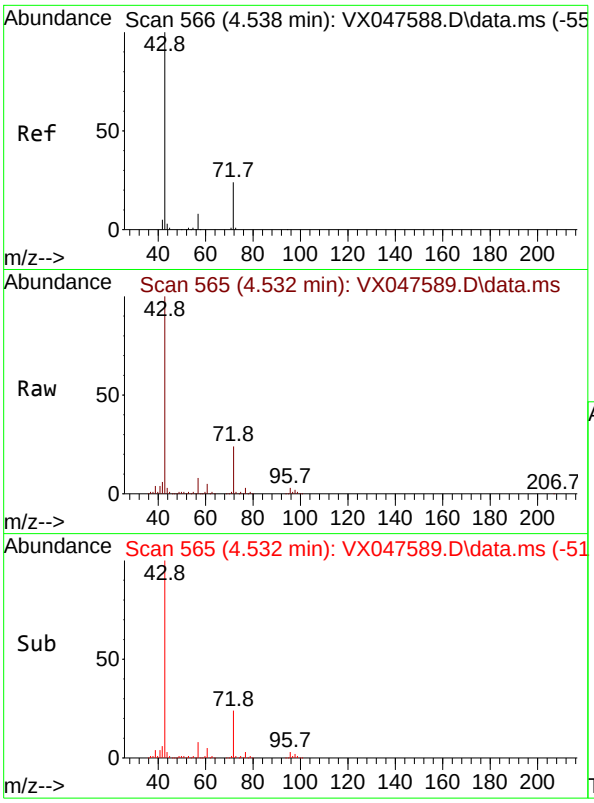


#24
1,1-Dichloroethane
Concen: 101.944 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 63 Resp: 435815

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.8	11.2
100	4.0	2.3	6.9



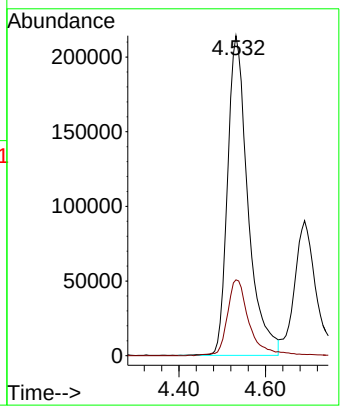


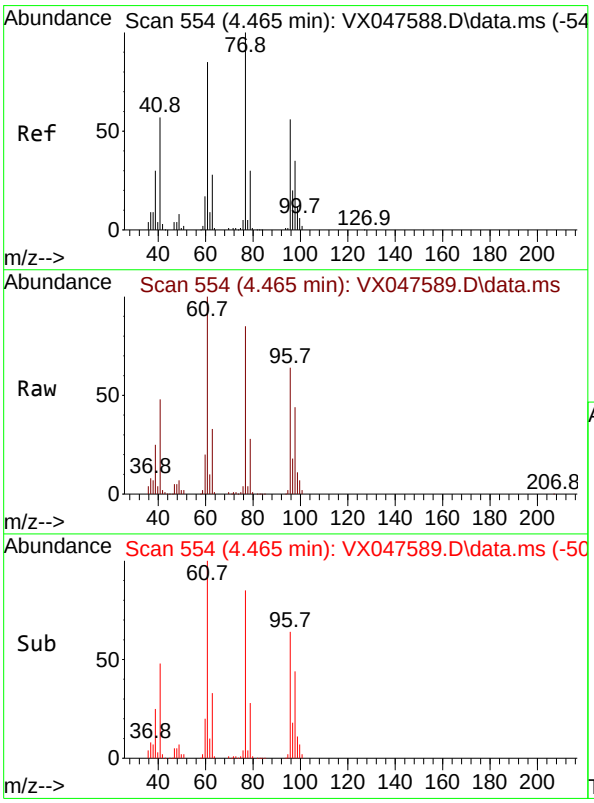
#25
2-Butanone
Concen: 479.558 ug/l
RT: 4.532 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 700827

Ion	Ratio	Lower	Upper
43	100		
72	23.8	20.1	30.1

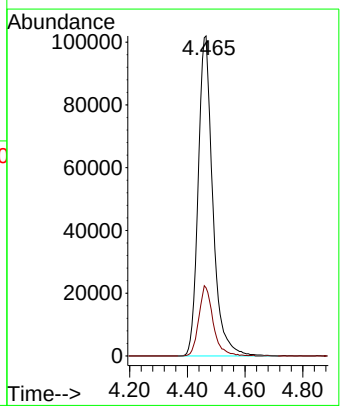


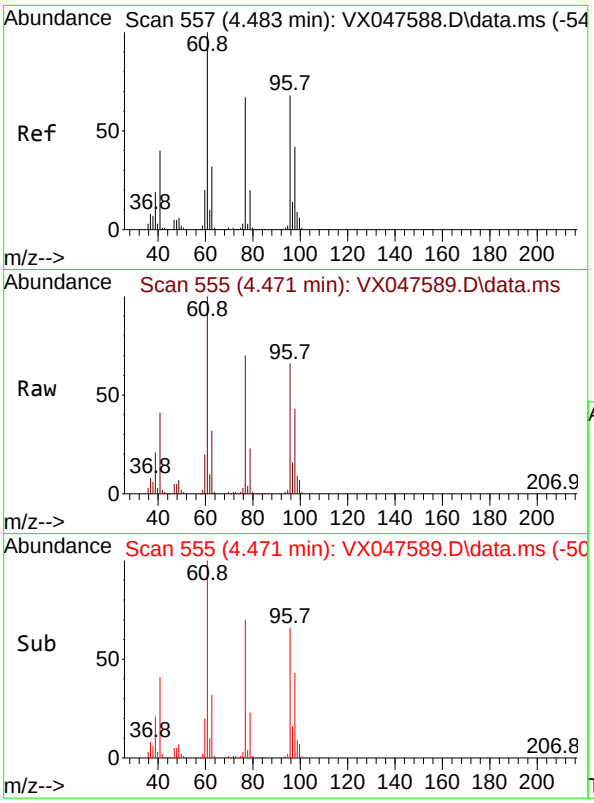


#26
2,2-Dichloropropane
Concen: 100.542 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 77 Resp: 357292

Ion	Ratio	Lower	Upper
77	100		
97	21.6	10.9	32.7



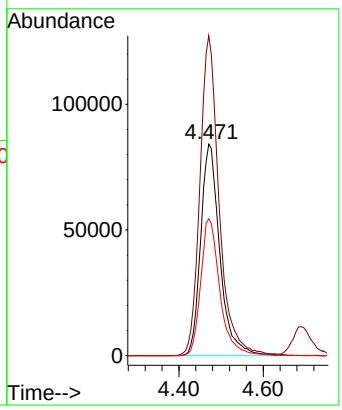


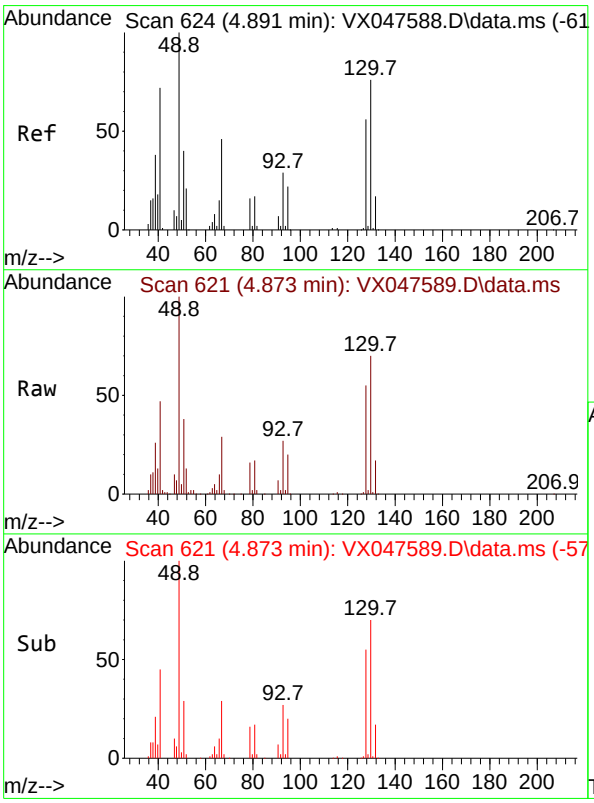
#27
cis-1,2-Dichloroethene
Concen: 100.516 ug/l
RT: 4.471 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 266550

Ion	Ratio	Lower	Upper
96	100		
61	151.5	0.0	303.2
98	64.4	0.0	127.8

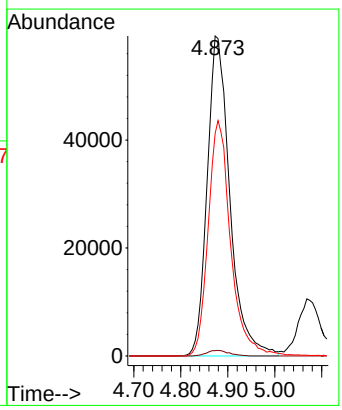


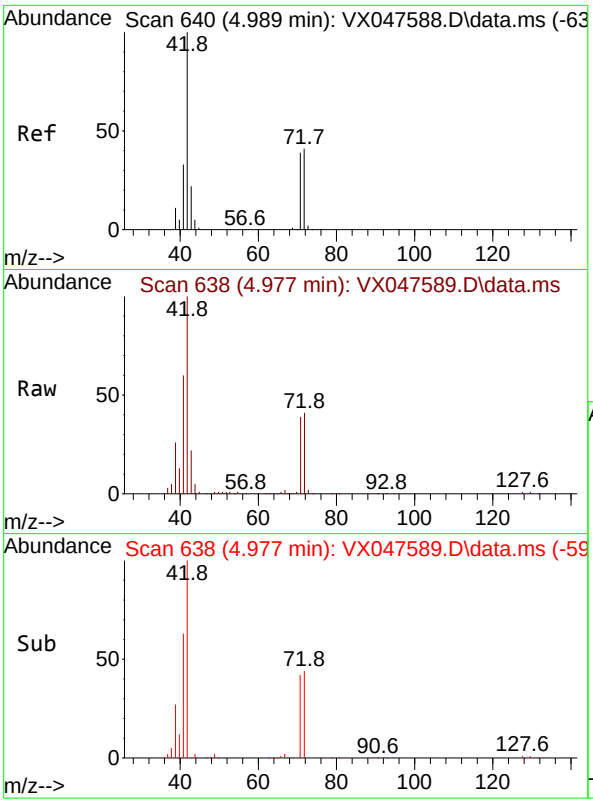


#28
Bromochloromethane
Concen: 106.512 ug/l
RT: 4.873 min Scan# 621
Delta R.T. -0.018 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 49 Resp: 198788

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.2
130	72.8	57.8	86.8



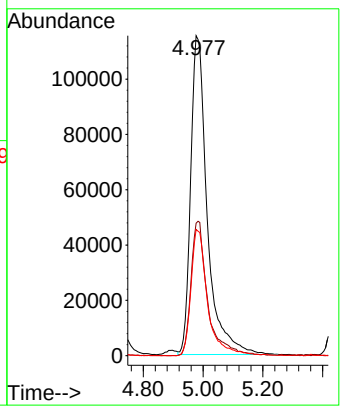


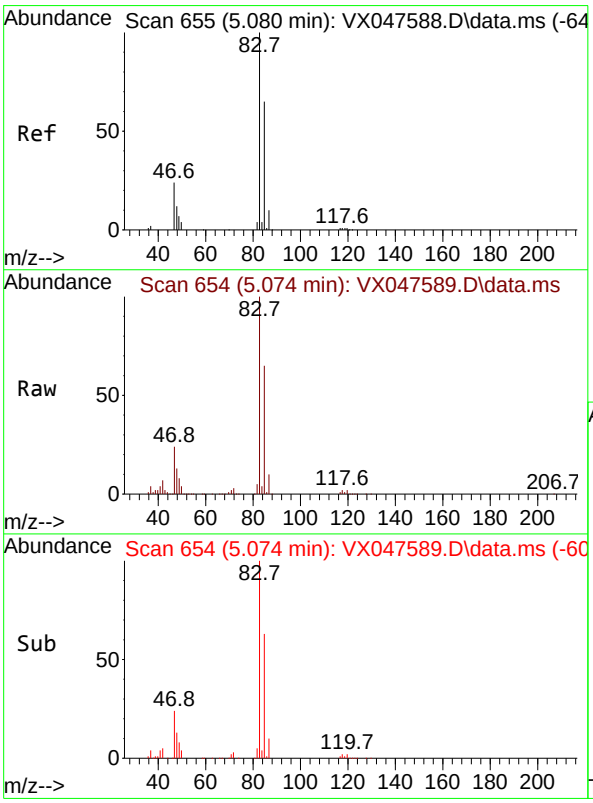
#29
Tetrahydrofuran
Concen: 504.502 ug/l
RT: 4.977 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 42 Resp: 443530

Ion	Ratio	Lower	Upper
42	100		
72	42.4	34.2	51.2
71	39.5	31.9	47.9

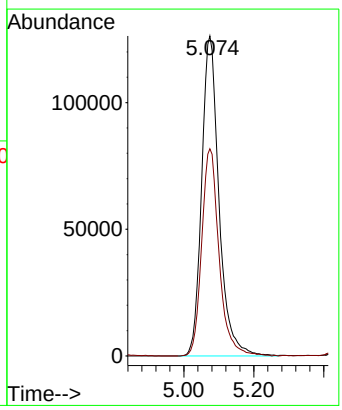


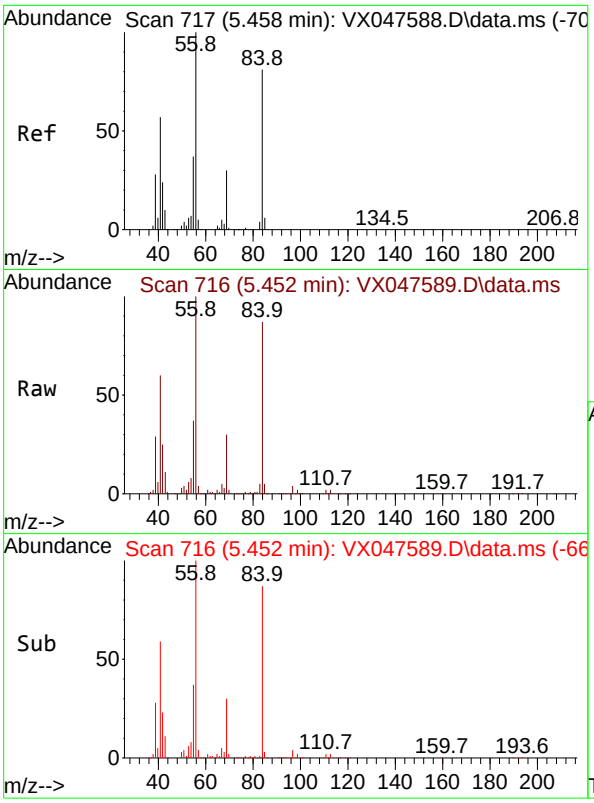


#30
Chloroform
Concen: 100.447 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 83 Resp: 433937

Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.6



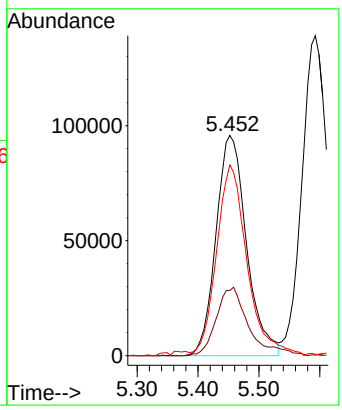


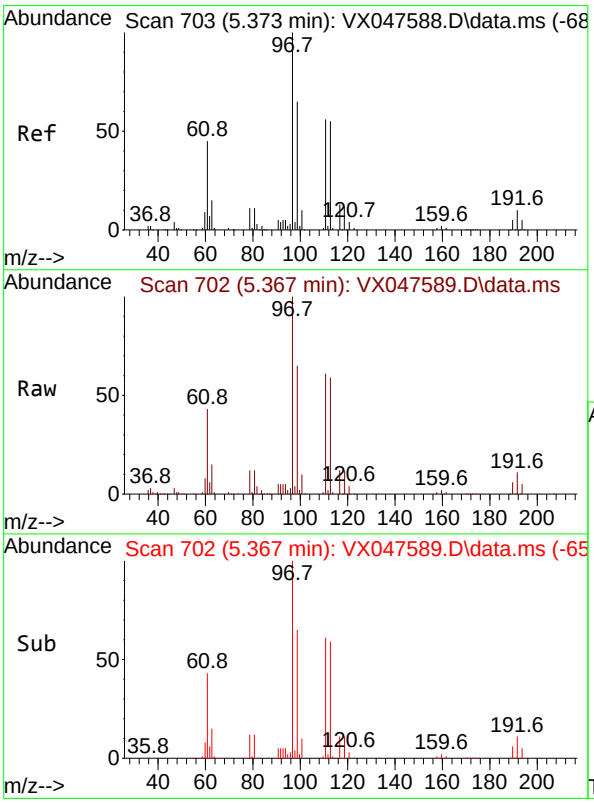
#31
Cyclohexane
Concen: 93.523 ug/l
RT: 5.452 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 332995

Ion	Ratio	Lower	Upper
56	100		
69	29.0	23.8	35.8
84	84.7	64.6	97.0

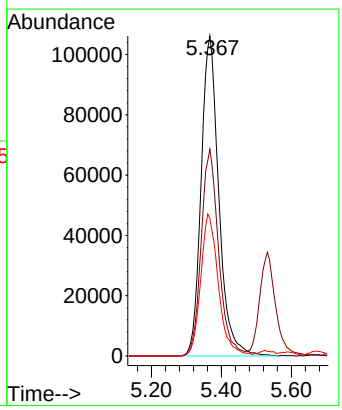


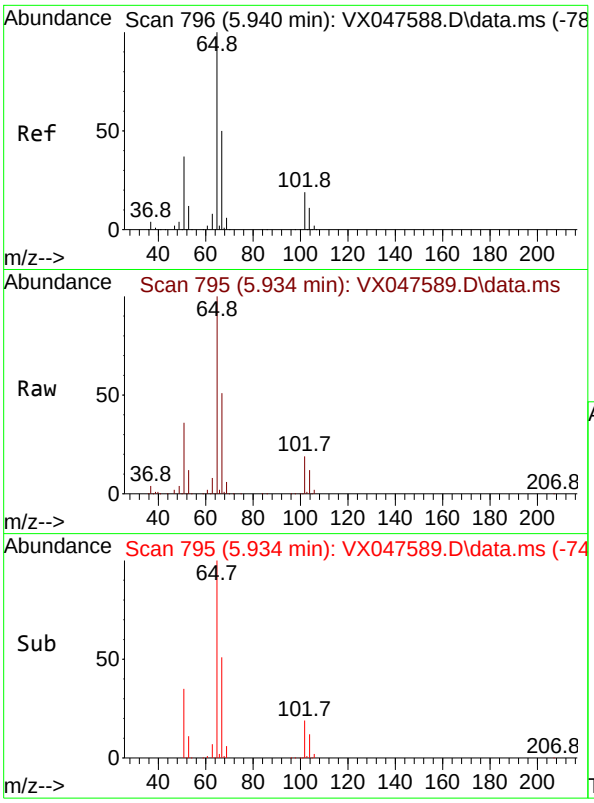


#32
1,1,1-Trichloroethane
Concen: 101.607 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 97 Resp: 372323

Ion	Ratio	Lower	Upper
97	100		
99	63.8	50.6	76.0
61	44.4	35.8	53.8



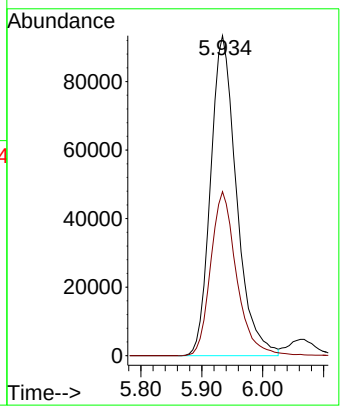


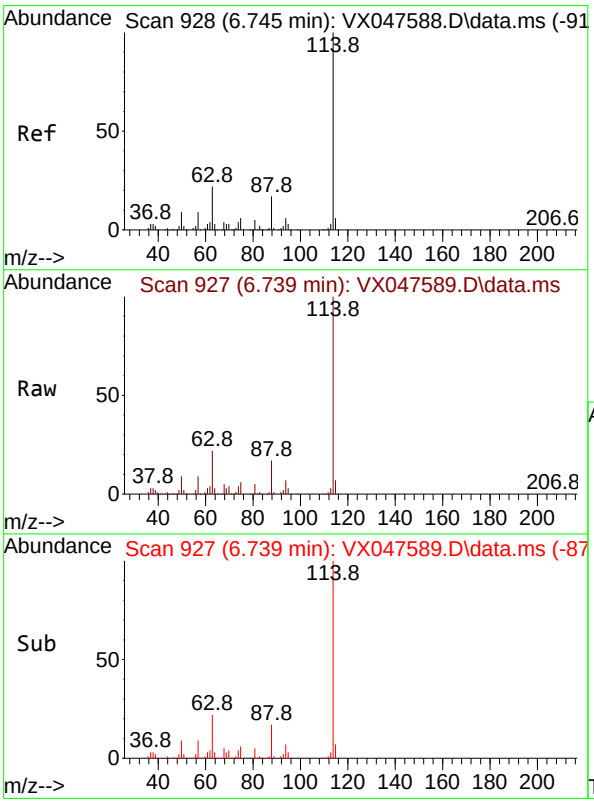
#33
1,2-Dichloroethane-d4
Concen: 102.341 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 65 Resp: 275758

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	103.0

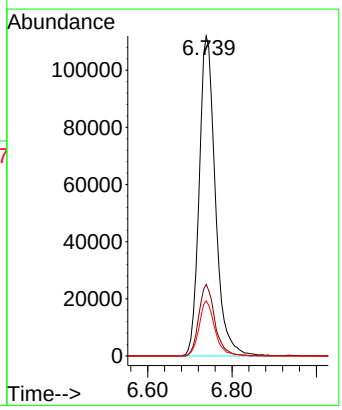


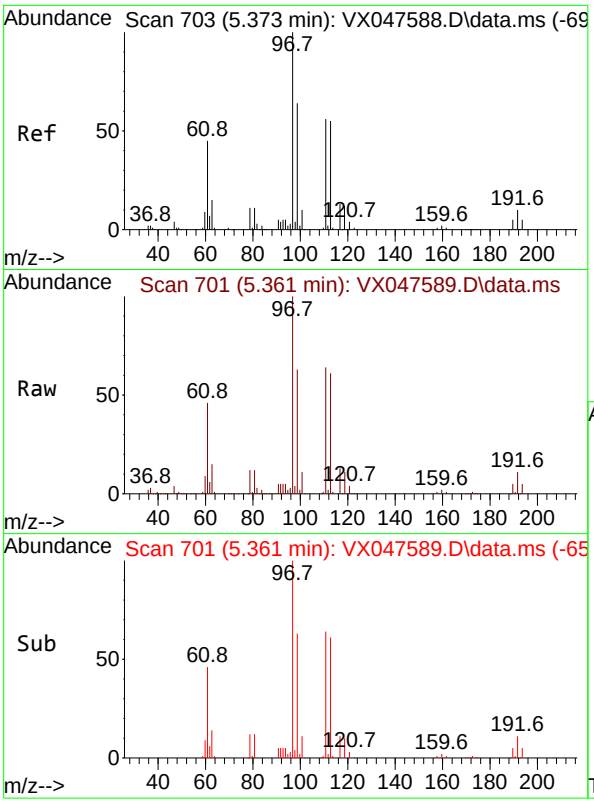


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:114 Resp: 298913

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.0
88	17.2	0.0	34.2



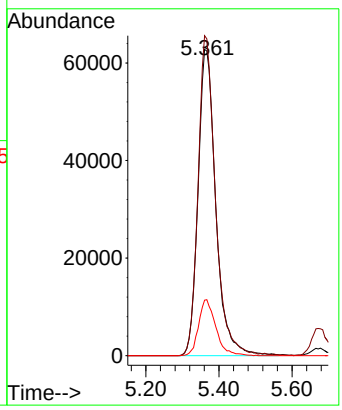


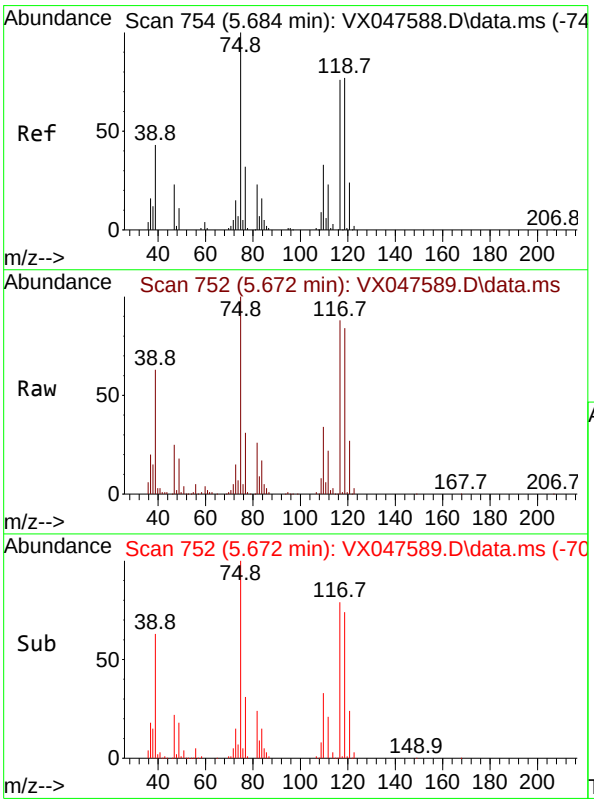
#35
Dibromofluoromethane
Concen: 105.962 ug/l
RT: 5.361 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:113 Resp: 212419

Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.9	121.3
192	17.7	14.2	21.4

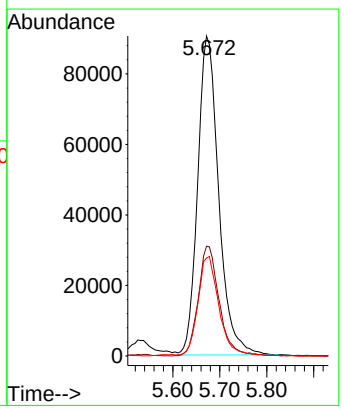


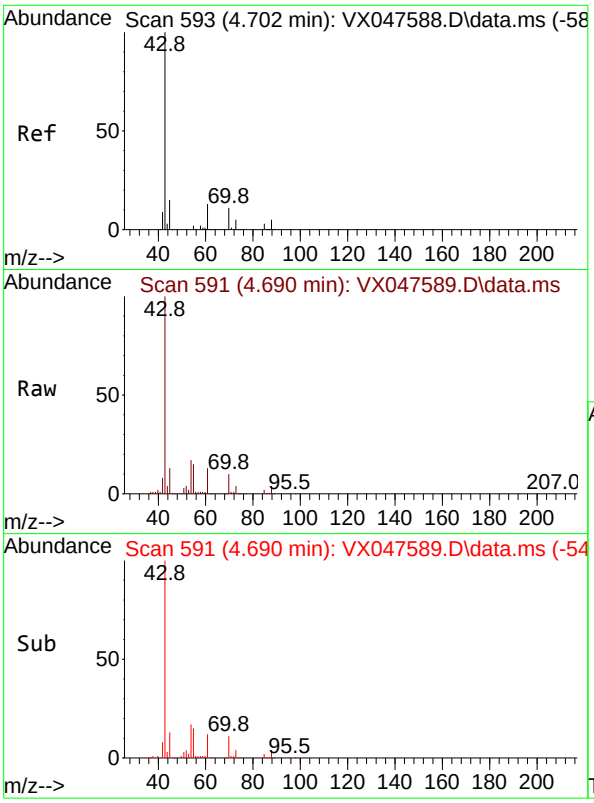


#36
1,1-Dichloropropene
Concen: 96.149 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 75 Resp: 281650

Ion	Ratio	Lower	Upper
75	100		
110	34.3	16.7	50.1
77	31.3	24.3	36.5



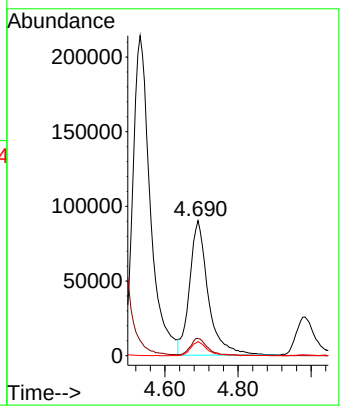


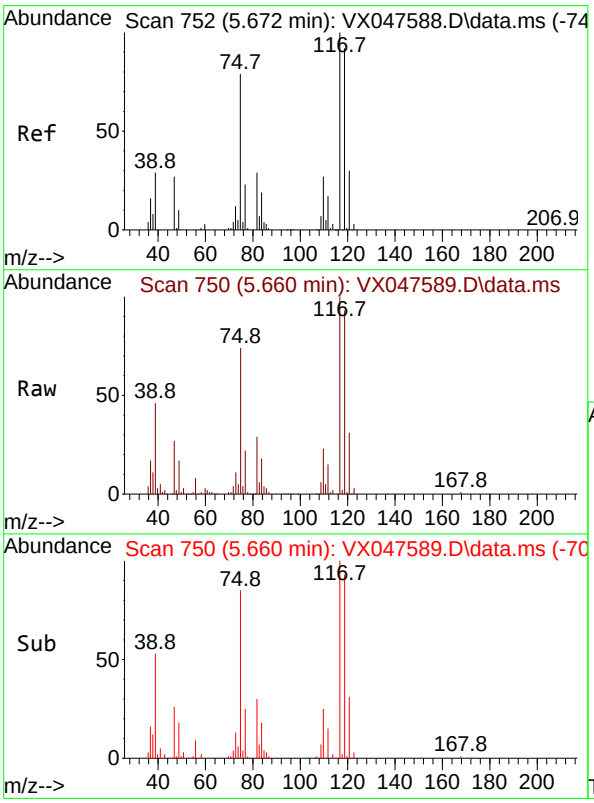
#37
Ethyl Acetate
Concen: 101.641 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 318793

Ion	Ratio	Lower	Upper
43	100		
61	12.0	9.8	14.8
70	9.4	7.9	11.9

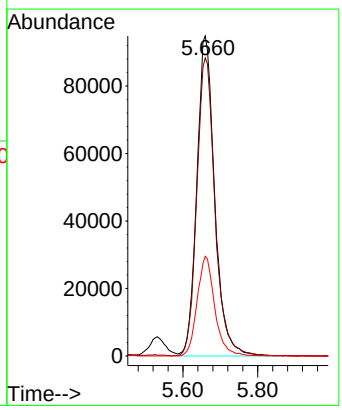


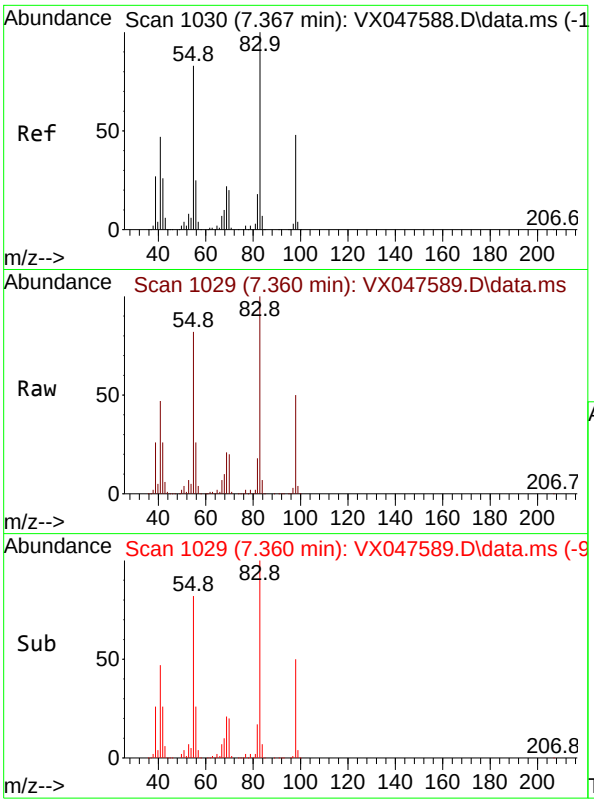


#38
Carbon Tetrachloride
Concen: 98.891 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:117 Resp: 314745

Ion	Ratio	Lower	Upper
117	100		
119	93.0	73.4	110.2
121	31.2	23.8	35.6



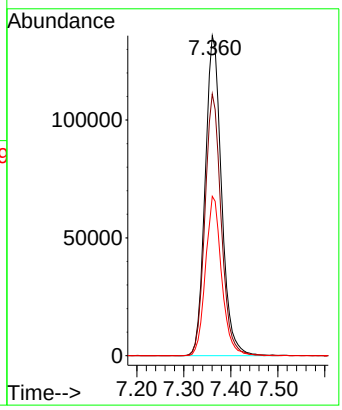


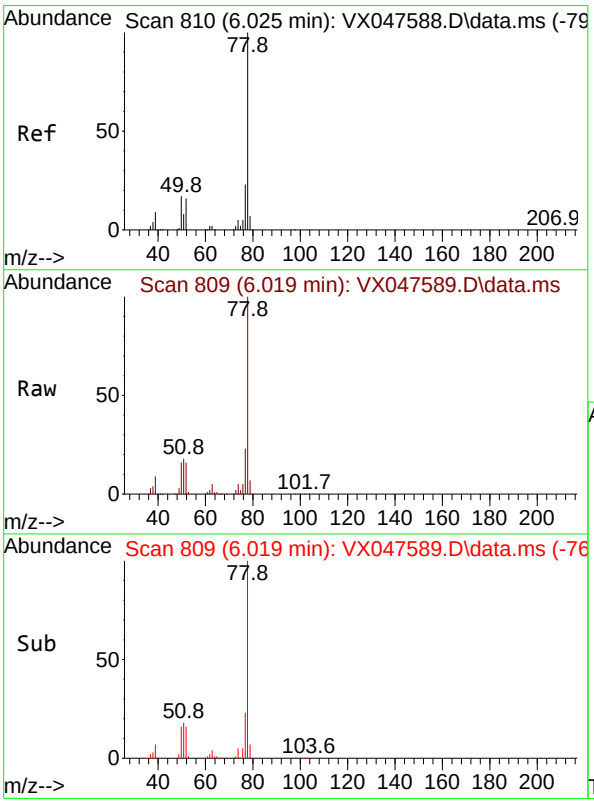
#39
Methylcyclohexane
Concen: 98.600 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 327858

Ion	Ratio	Lower	Upper
83	100		
55	81.8	66.4	99.6
98	49.8	38.1	57.1

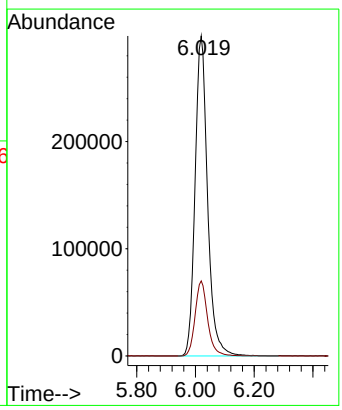


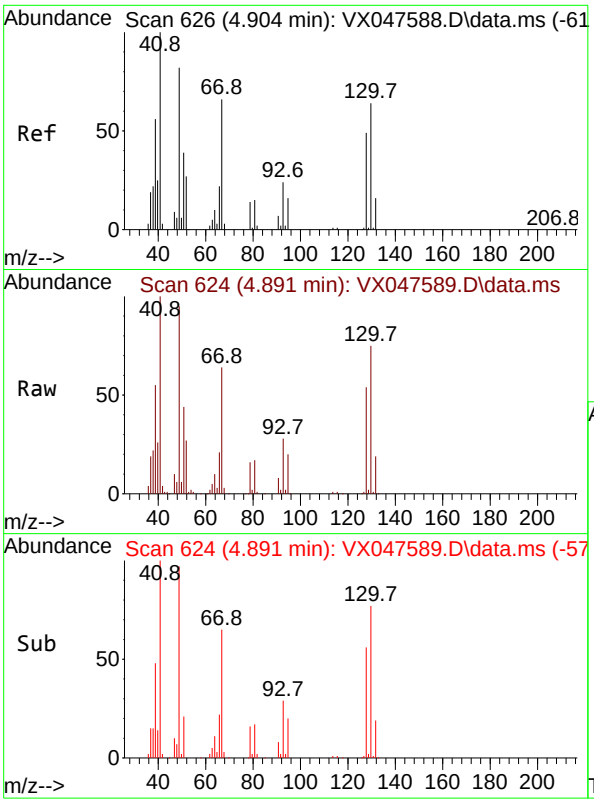


#40
Benzene
Concen: 99.009 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 78 Resp: 880885

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2



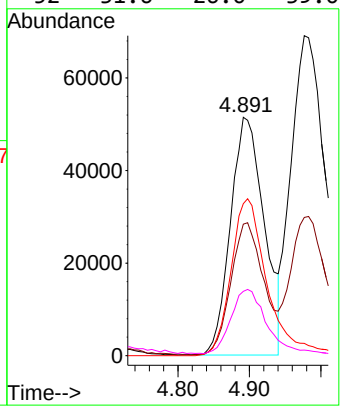


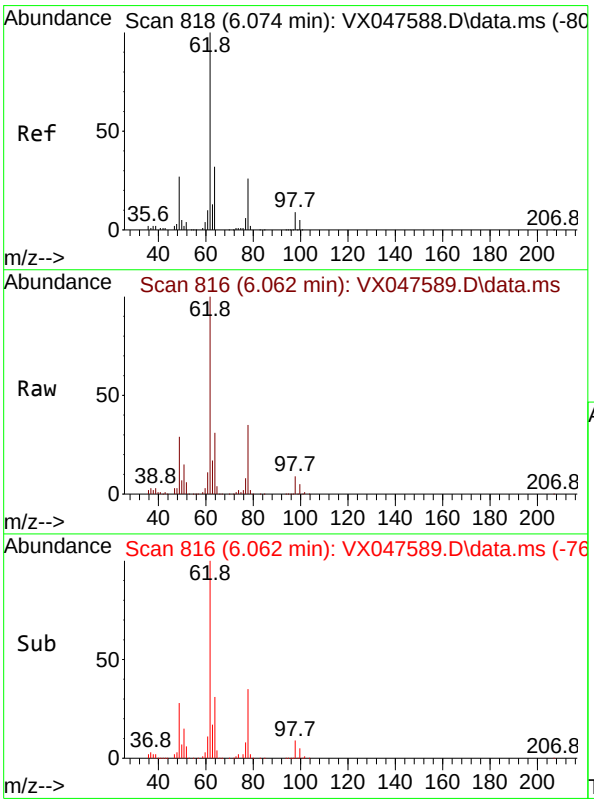
#41
Methacrylonitrile
Concen: 104.220 ug/l
RT: 4.891 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 168753

Ion	Ratio	Lower	Upper
41	100		
39	54.6	43.3	64.9
67	72.1	58.6	87.8
52	31.6	26.0	39.0

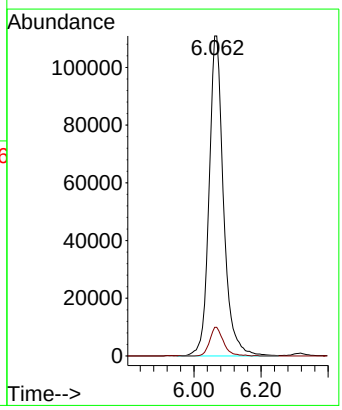


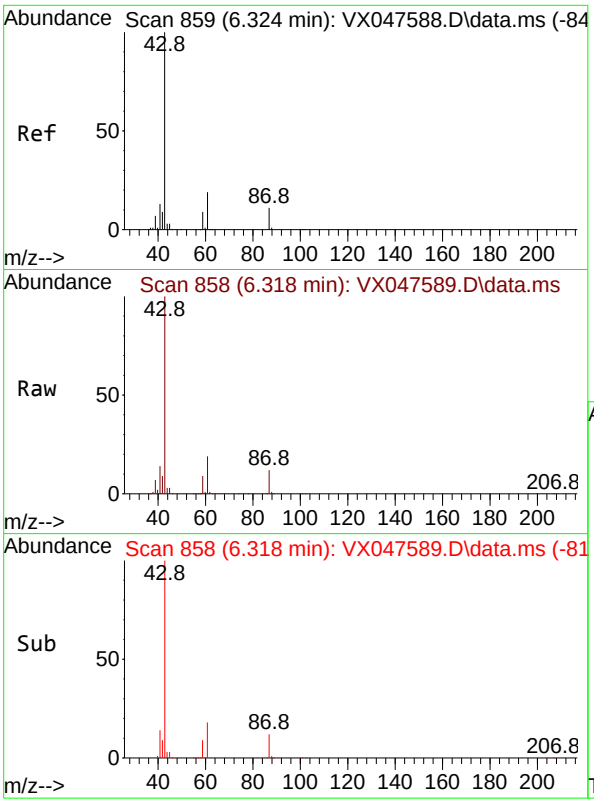


#42
1,2-Dichloroethane
Concen: 97.916 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 62 Resp: 331465

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.0



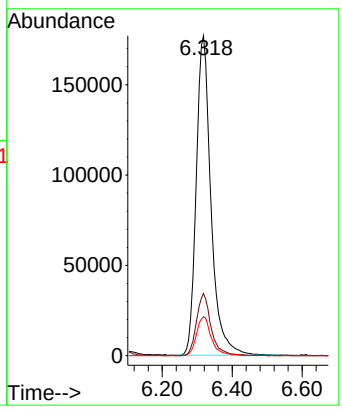


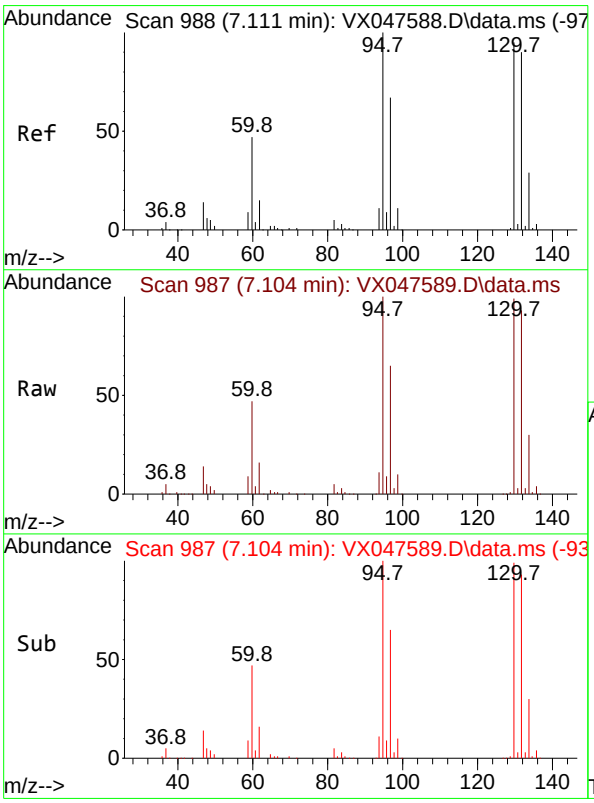
#43
Isopropyl Acetate
Concen: 100.482 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 516875

Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.2	22.8
87	12.3	9.6	14.4

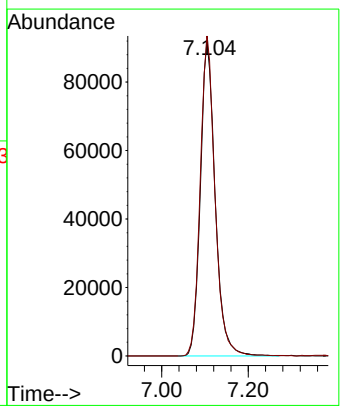


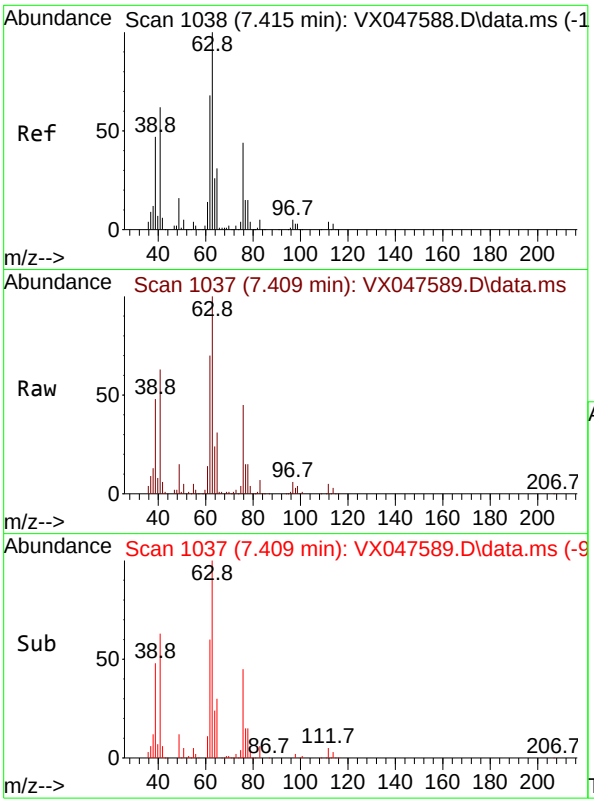


#44
Trichloroethene
Concen: 101.234 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:130 Resp: 217753

Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	210.8



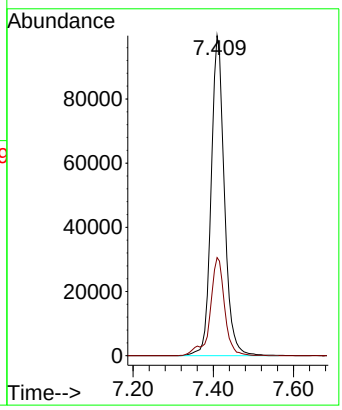


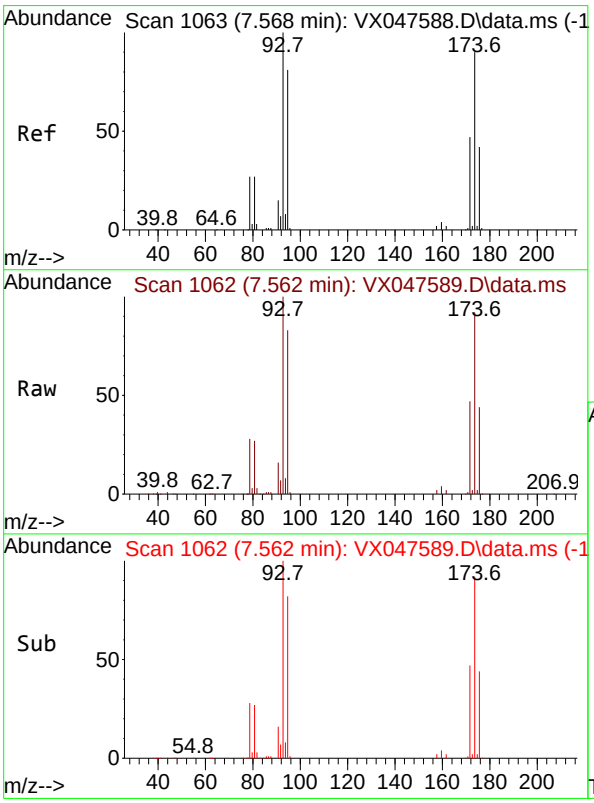
#45
1,2-Dichloropropane
Concen: 100.145 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 228150

Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.7	37.1

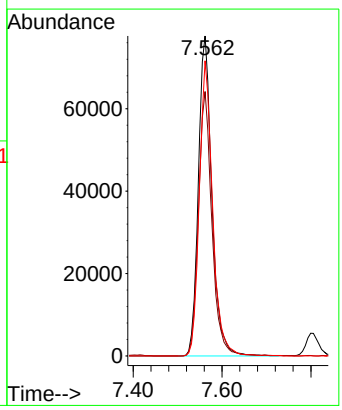


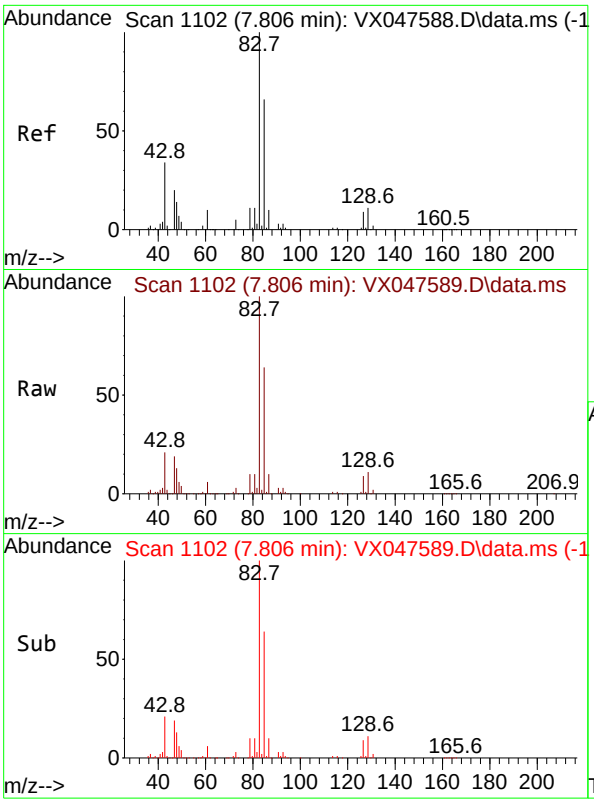


#46
Dibromomethane
Concen: 99.519 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 93 Resp: 164987

Ion	Ratio	Lower	Upper
93	100		
95	82.1	65.0	97.6
174	90.5	71.6	107.4



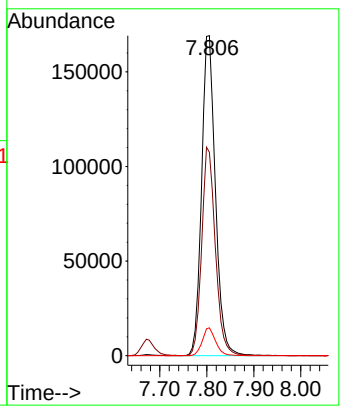


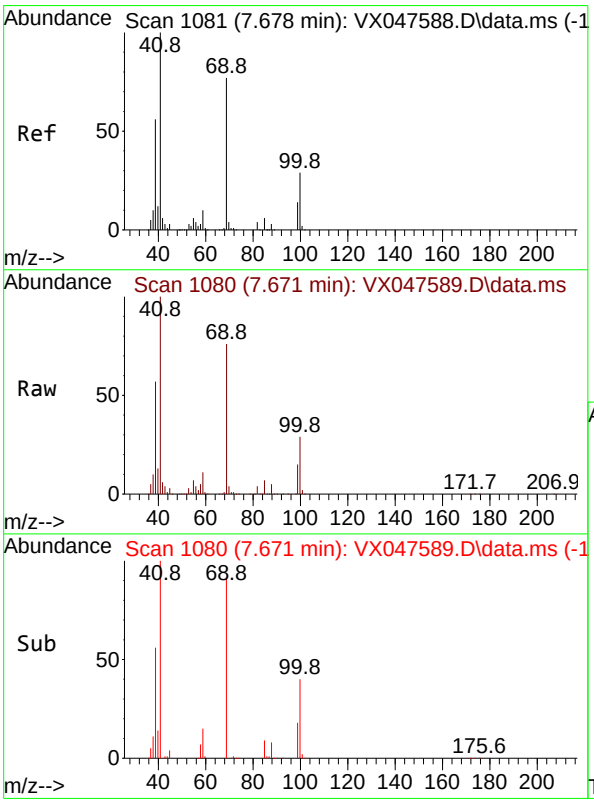
#47
Bromodichloromethane
Concen: 101.136 ug/l
RT: 7.806 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 345991

Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.5	78.7
127	8.7	6.9	10.3

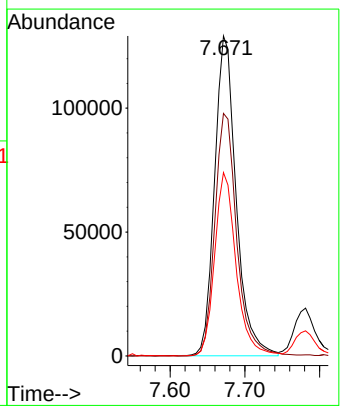


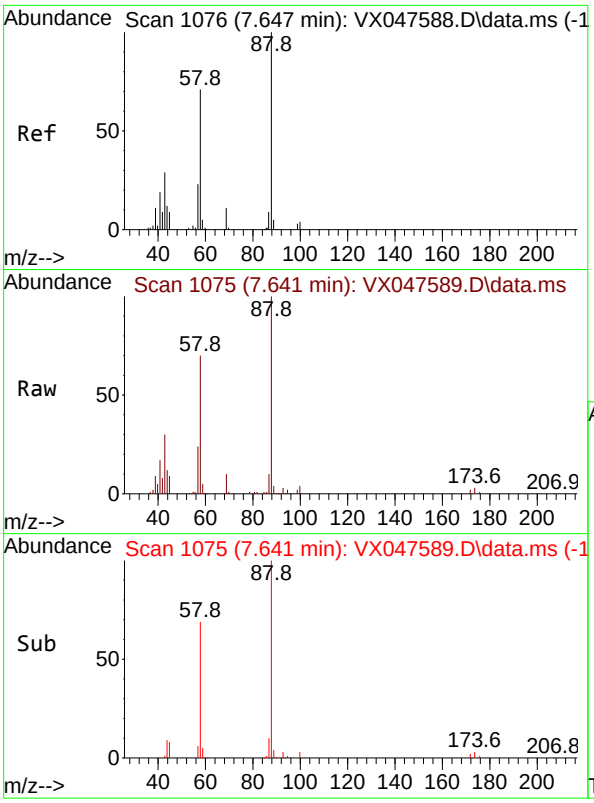


#48
Methyl methacrylate
Concen: 101.612 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 41 Resp: 260358

Ion	Ratio	Lower	Upper
41	100		
69	77.1	61.4	92.2
39	57.0	45.8	68.6



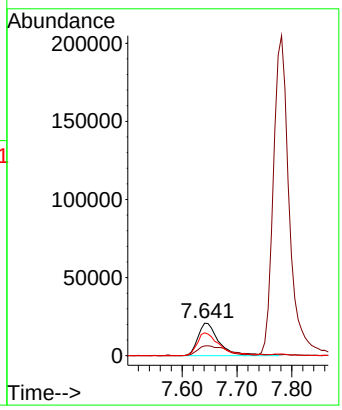


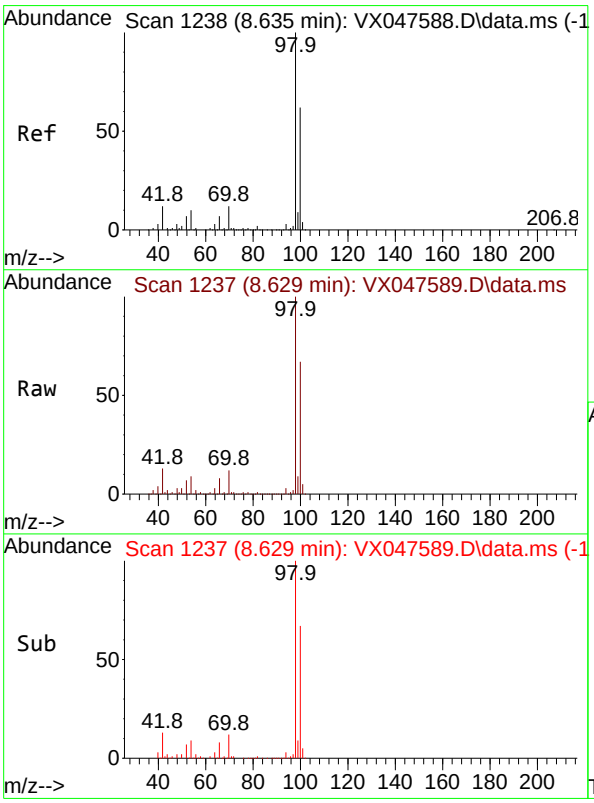
#49
1,4-Dioxane
Concen: 2190.315 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 88 Resp: 56717

Ion	Ratio	Lower	Upper
88	100		
43	39.4	30.2	45.2
58	74.0	59.5	89.3

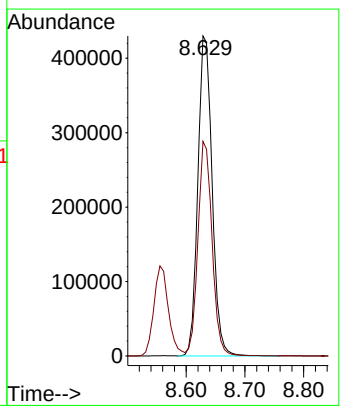


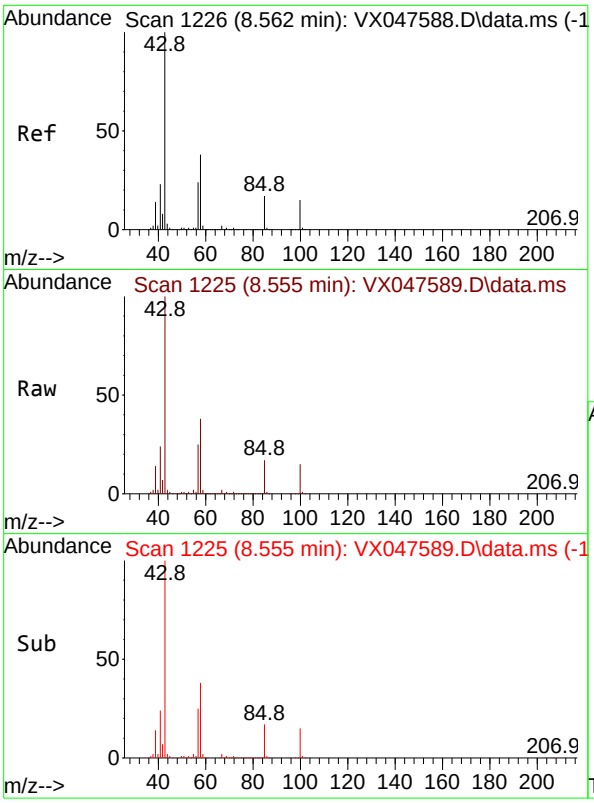


#50
Toluene-d8
Concen: 104.386 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 98 Resp: 724078

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4



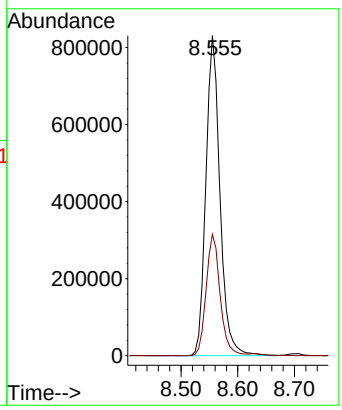


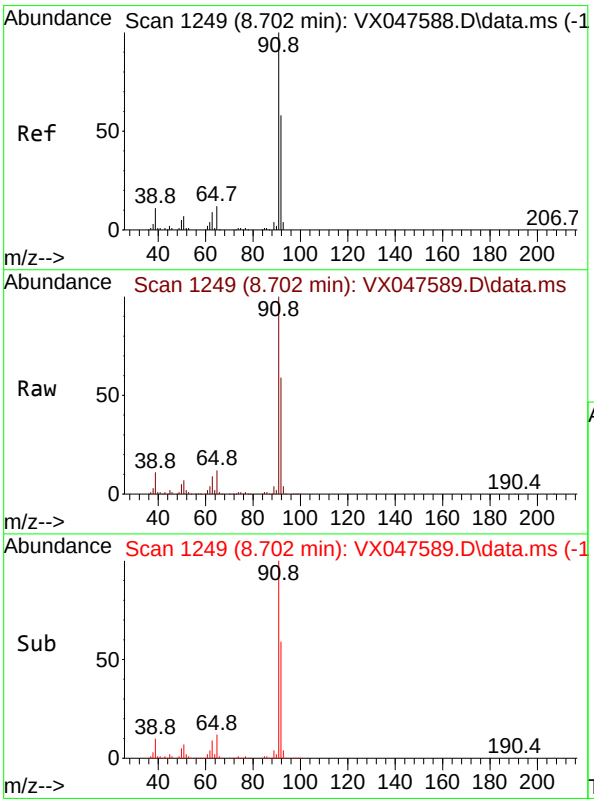
#51
4-Methyl-2-Pentanone
Concen: 501.834 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1431253

Ion	Ratio	Lower	Upper
43	100		
58	37.7	30.3	45.5

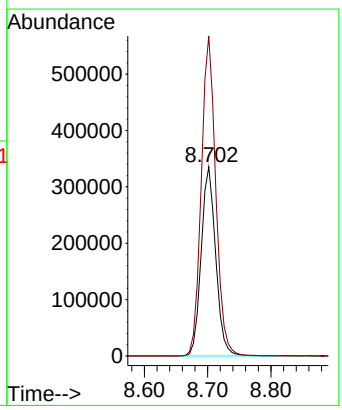


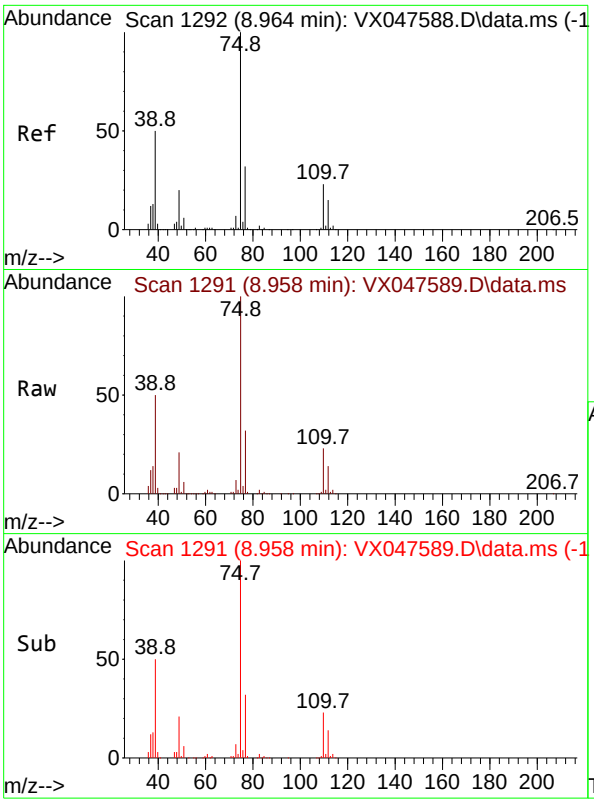


#52
Toluene
Concen: 97.811 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 92 Resp: 536148

Ion	Ratio	Lower	Upper
92	100		
91	169.3	137.1	205.7



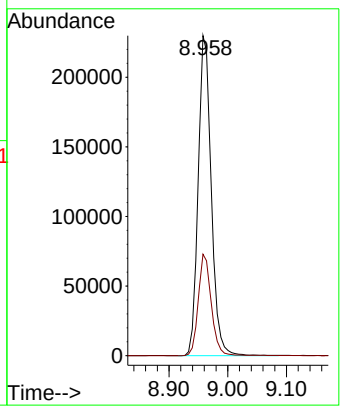


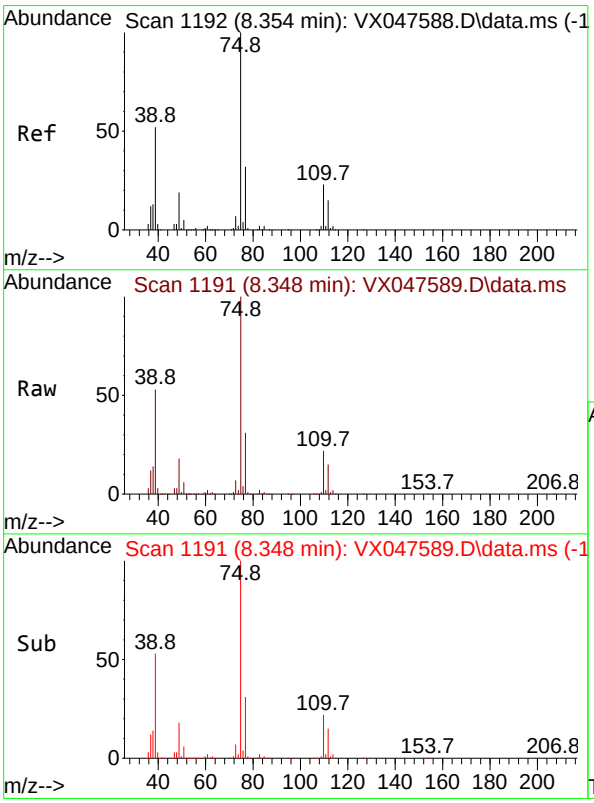
#53
t-1,3-Dichloropropene
Concen: 101.986 ug/l
RT: 8.958 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 355881

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.2

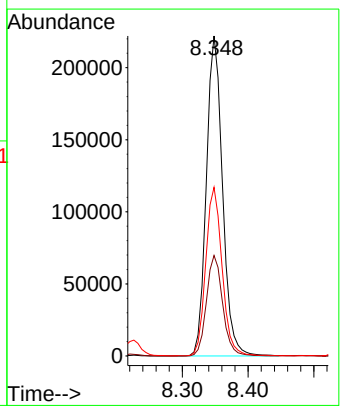


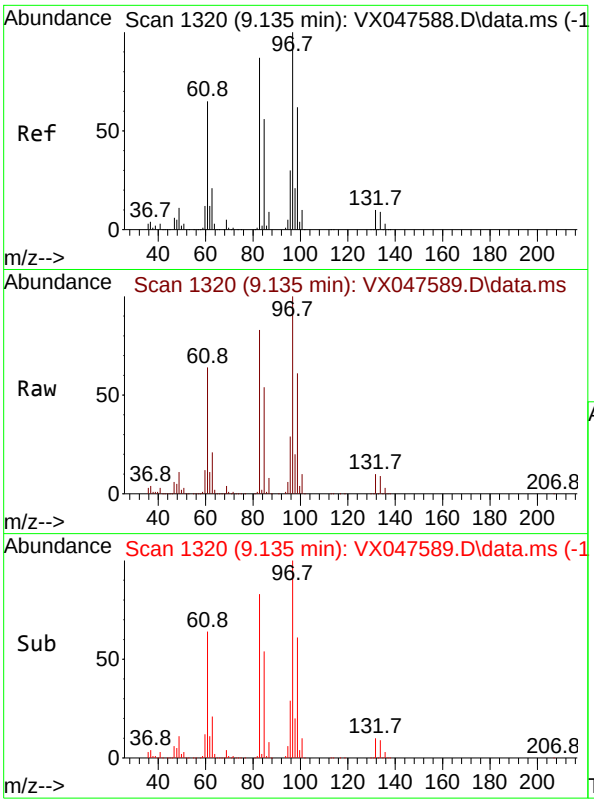


#54
cis-1,3-Dichloropropene
Concen: 102.038 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 75 Resp: 380577

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.8	38.6
39	52.3	41.4	62.2



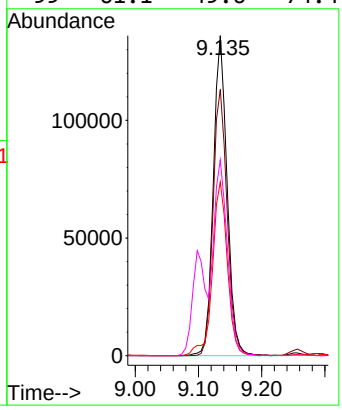


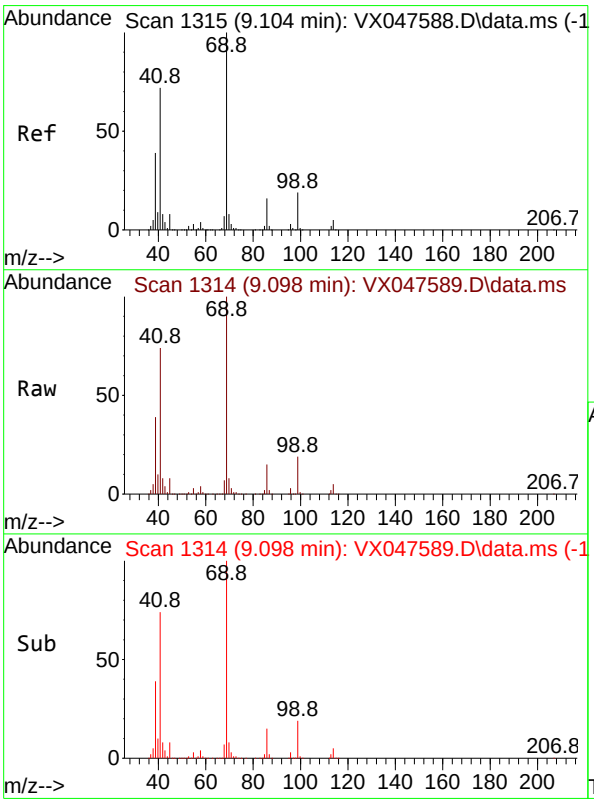
#55
1,1,2-Trichloroethane
Concen: 97.434 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 97 Resp: 205939

Ion	Ratio	Lower	Upper
97	100		
83	83.2	69.6	104.4
85	54.3	45.0	67.6
99	61.1	49.6	74.4

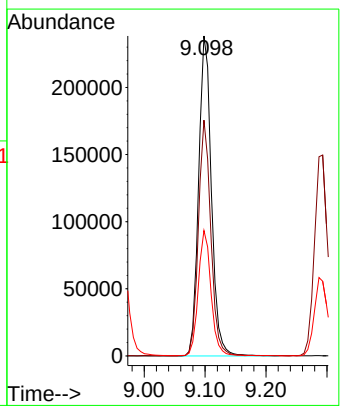


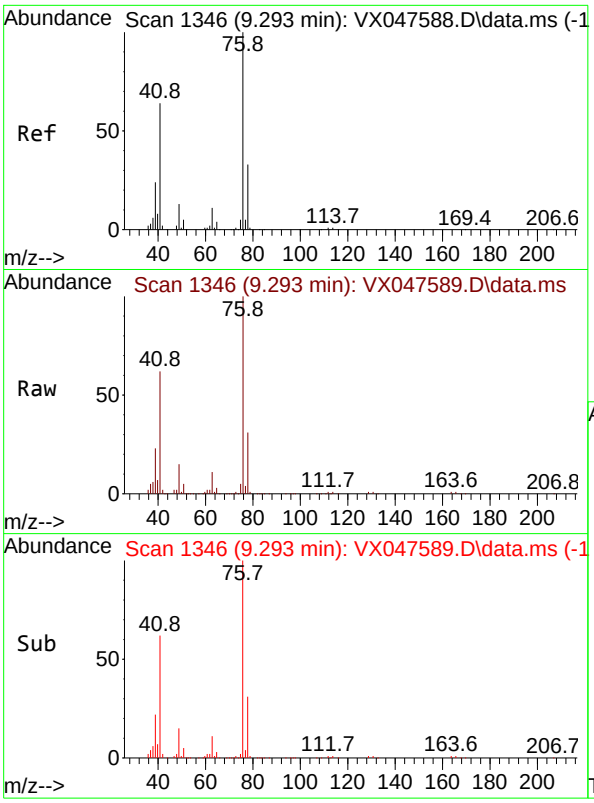


#56
Ethyl methacrylate
Concen: 104.435 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 69 Resp: 346659

Ion	Ratio	Lower	Upper
69	100		
41	71.7	58.6	87.8
39	39.0	31.5	47.3



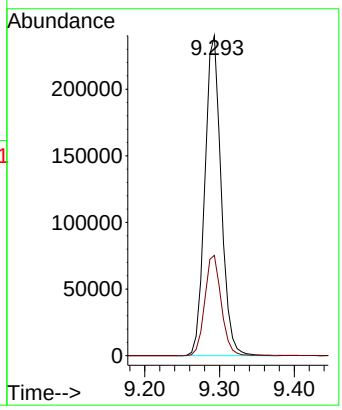


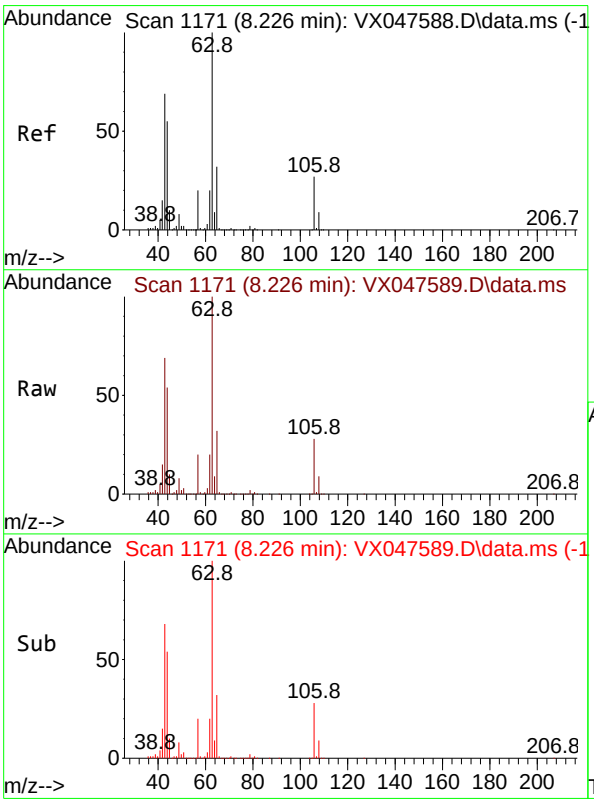
#57
1,3-Dichloropropane
Concen: 99.935 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 362848

Ion	Ratio	Lower	Upper
76	100		
78	31.8	26.2	39.4

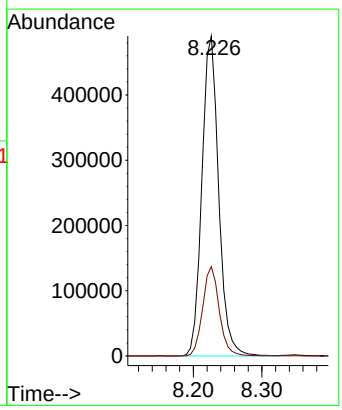


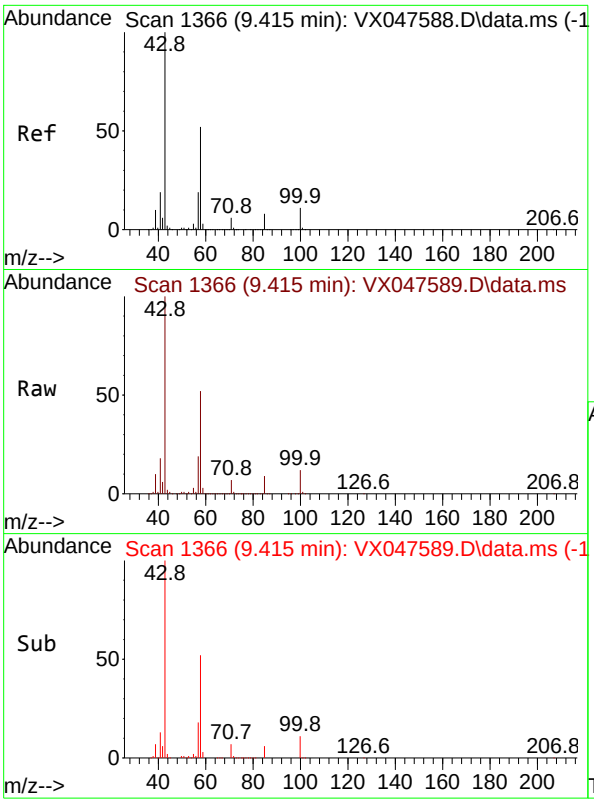


#58
2-Chloroethyl Vinyl ether
Concen: 499.814 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 63 Resp: 836362

Ion	Ratio	Lower	Upper
63	100		
106	27.5	21.9	32.9



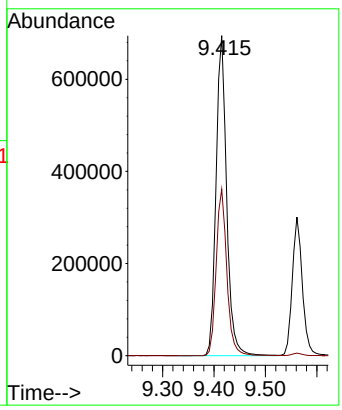


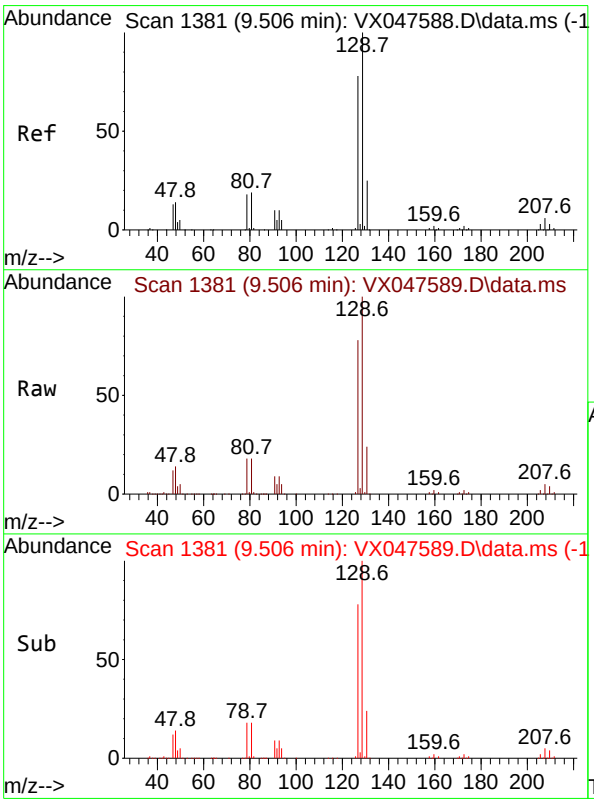
#59
2-Hexanone
Concen: 486.380 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 996274

Ion	Ratio	Lower	Upper
43	100		
58	52.4	26.1	78.2

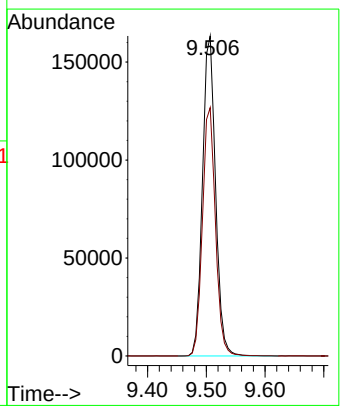


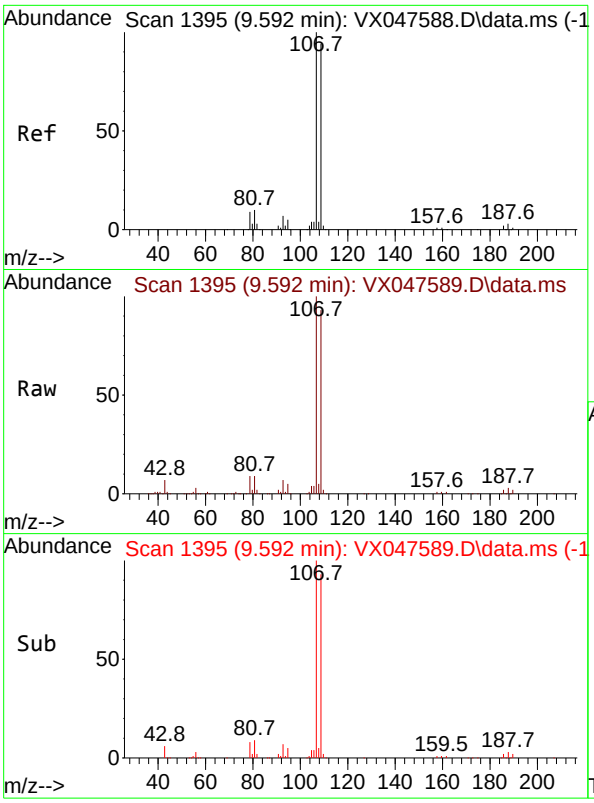


#60
Dibromochloromethane
Concen: 103.226 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:129 Resp: 251394

Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.4	115.2



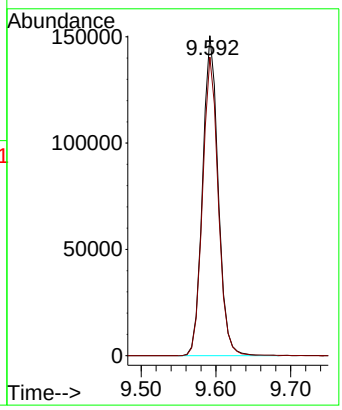


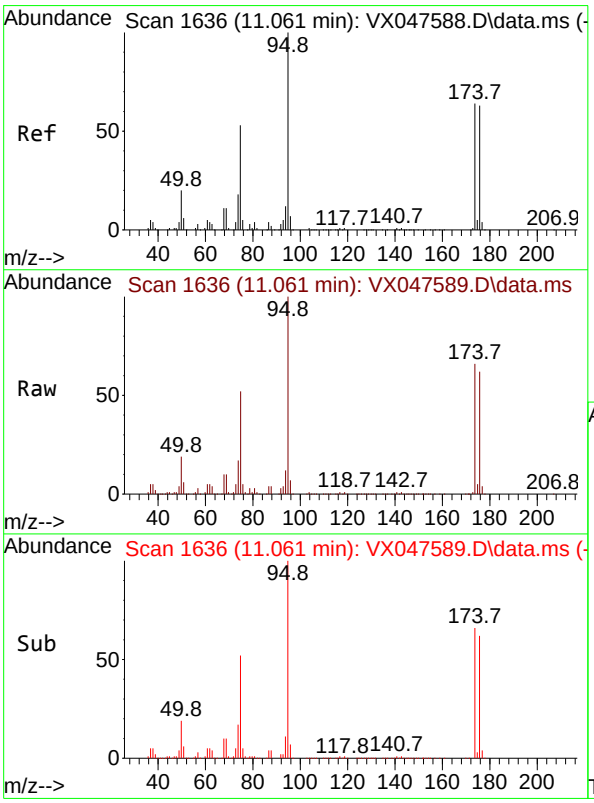
#61
1,2-Dibromoethane
Concen: 101.147 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:107 Resp: 217751

Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.3	112.9

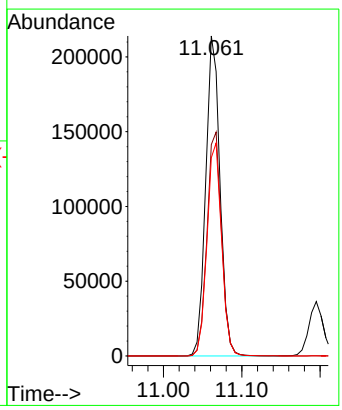


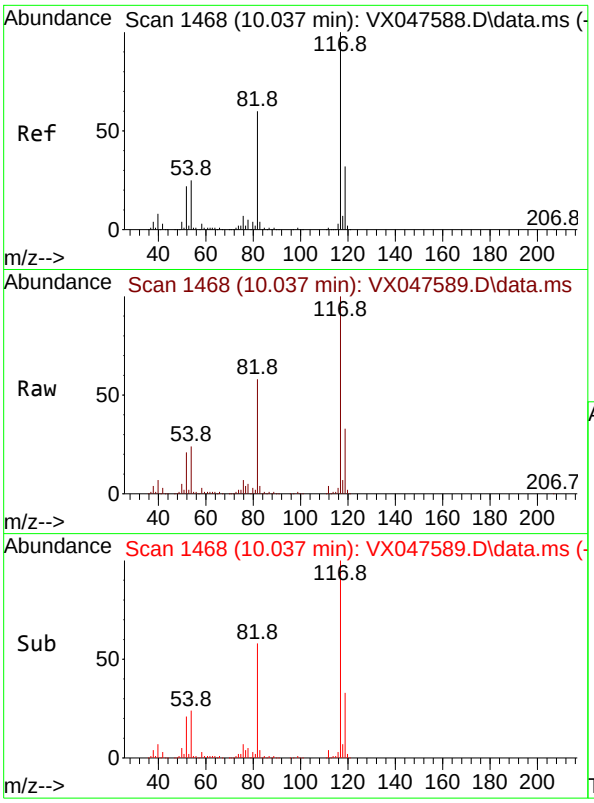


#62
4-Bromofluorobenzene
Concen: 102.672 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 95 Resp: 270289

Ion	Ratio	Lower	Upper
95	100		
174	71.7	0.0	141.6
176	68.0	0.0	138.4



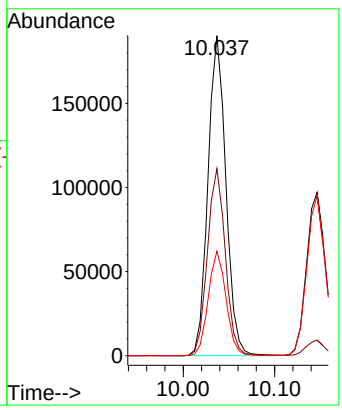


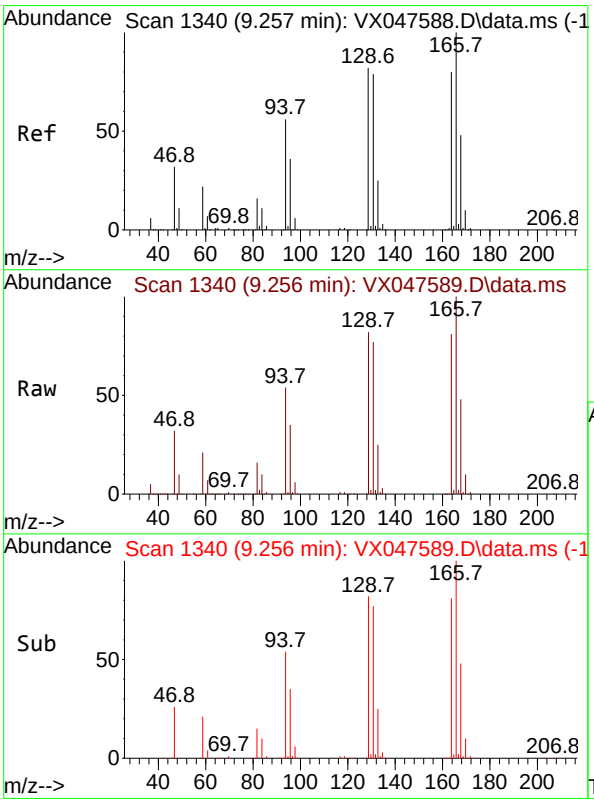
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:117 Resp: 258399

Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.8	71.6
119	32.7	25.2	37.8

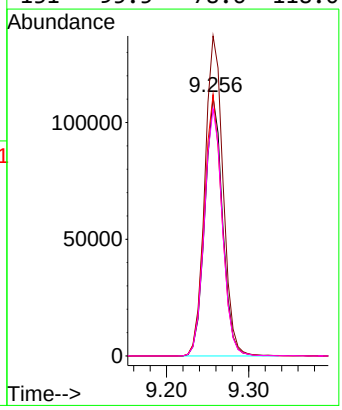


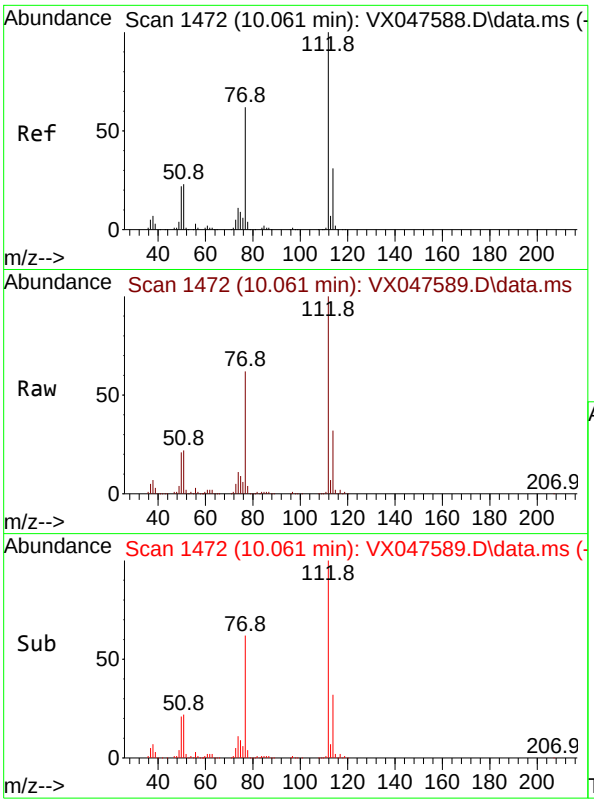


#64
Tetrachloroethene
Concen: 98.284 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:164 Resp: 165559

Ion	Ratio	Lower	Upper
164	100		
166	123.6	100.2	150.2
129	100.9	81.8	122.6
131	95.5	78.6	118.0



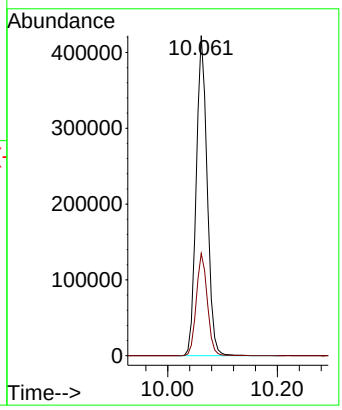


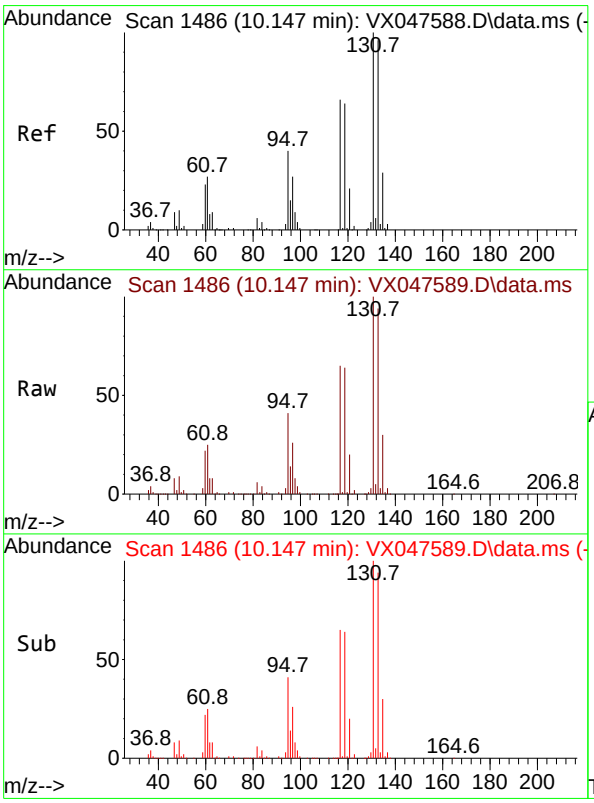
#65
Chlorobenzene
Concen: 100.253 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 588517

Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.1	37.7

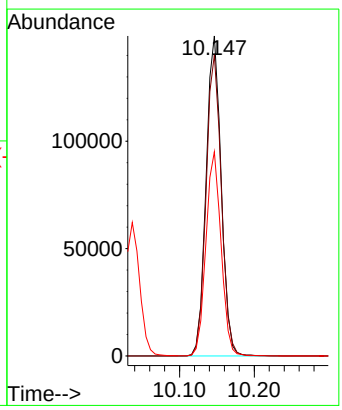


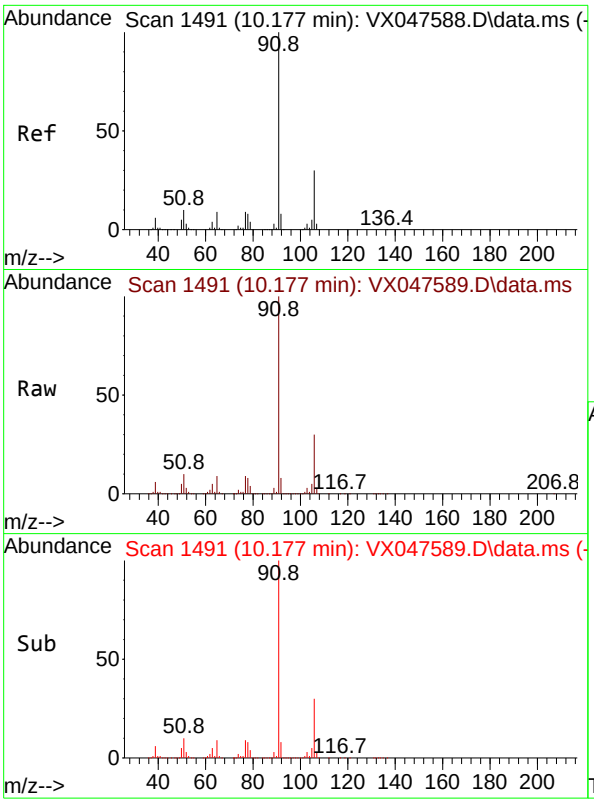


#66
1,1,1,2-Tetrachloroethane
Concen: 102.988 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:131 Resp: 208621

Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.3	142.0
119	64.2	32.0	96.0



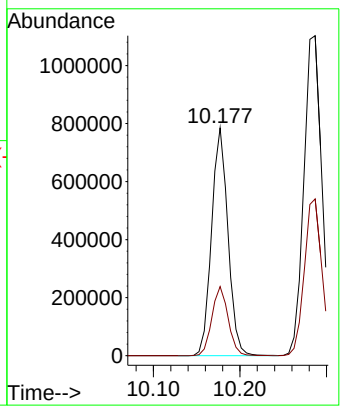


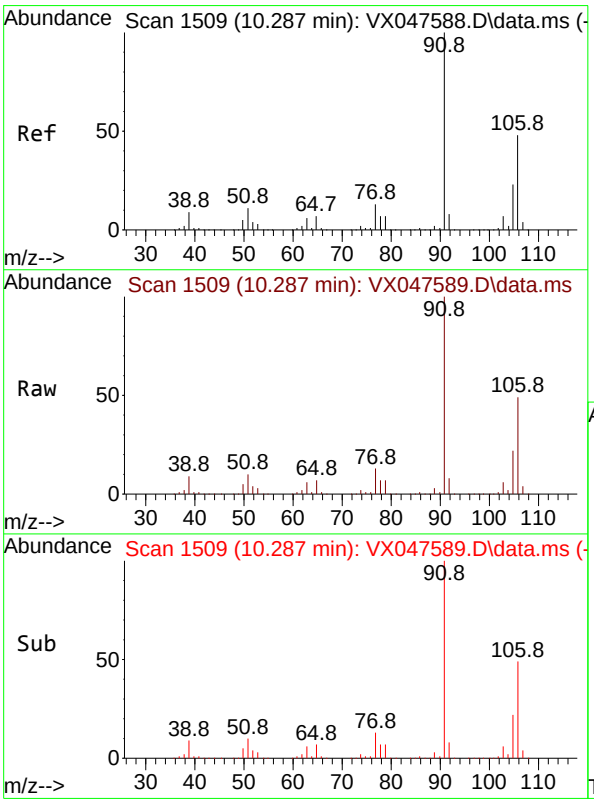
#67
Ethyl Benzene
Concen: 101.823 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1031346

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.3	36.5

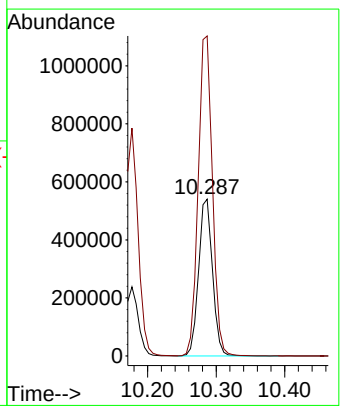


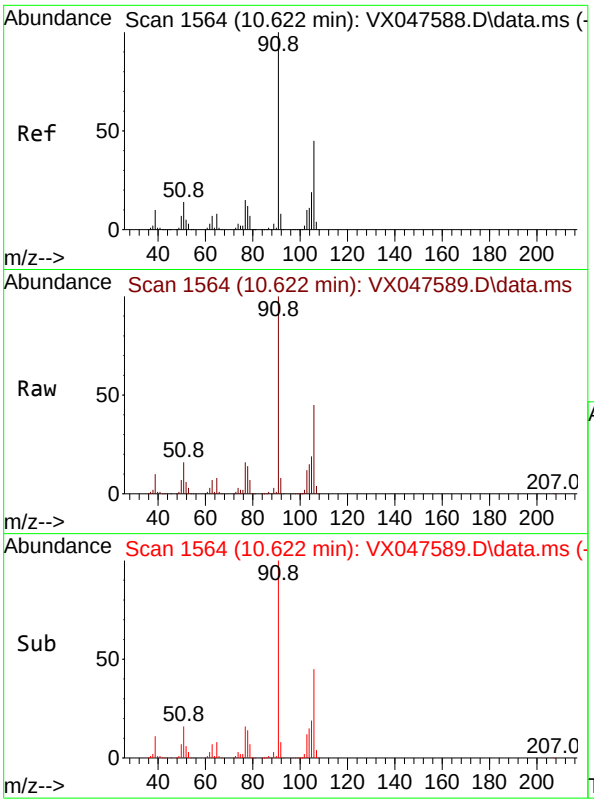


#68
m/p-Xylenes
Concen: 202.624 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:106 Resp: 763898

Ion	Ratio	Lower	Upper
106	100		
91	208.5	167.8	251.8



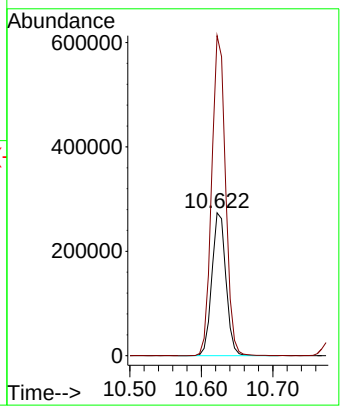


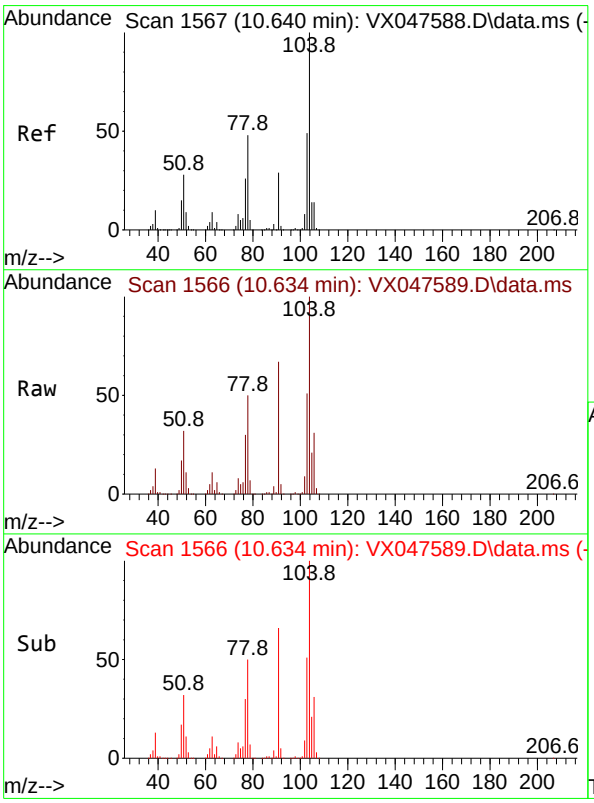
#69
o-Xylene
Concen: 102.186 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 372621

Ion	Ratio	Lower	Upper
106	100		
91	221.3	111.1	333.4

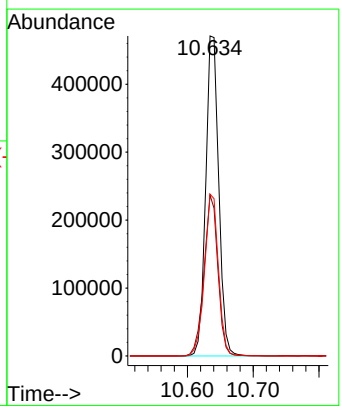


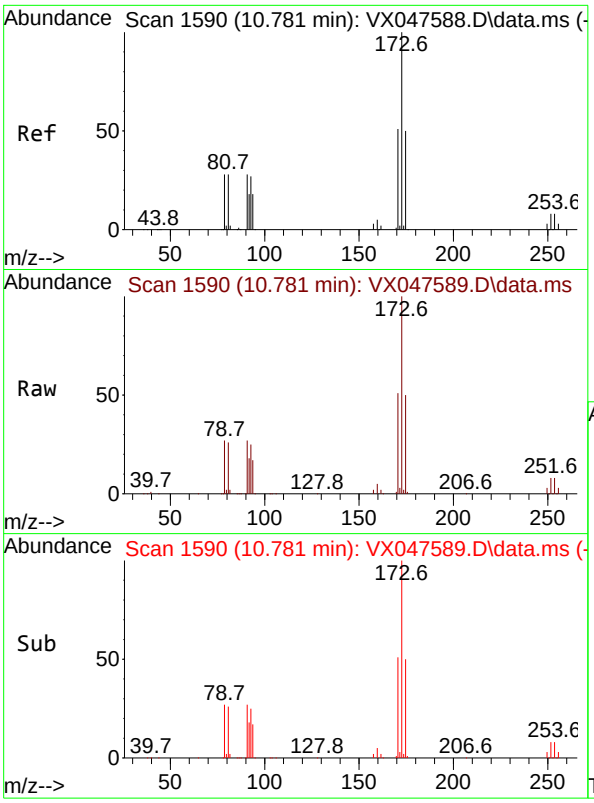


#70
Styrene
Concen: 101.710 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:104 Resp: 649863

Ion	Ratio	Lower	Upper
104	100		
78	53.5	43.1	64.7
103	54.1	43.1	64.7



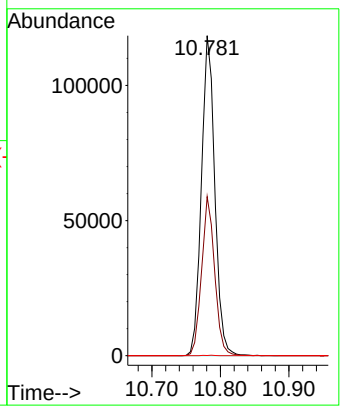


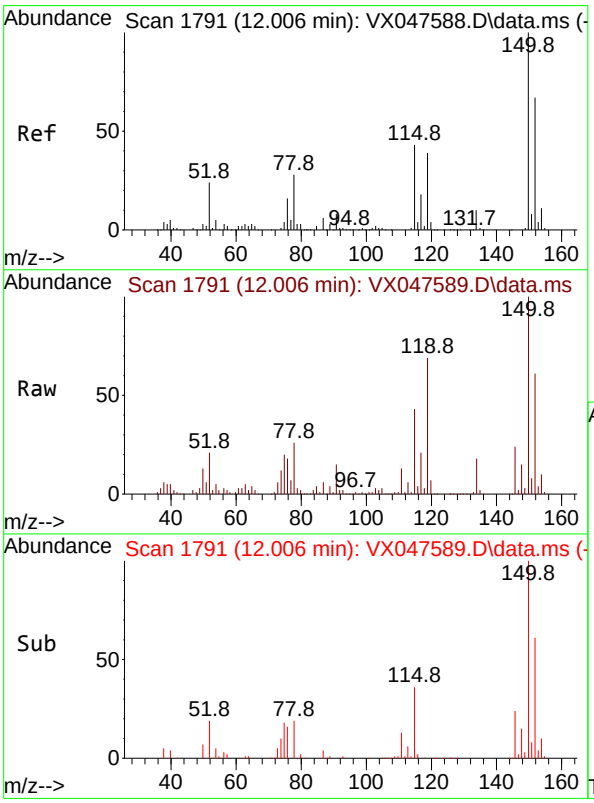
#71
Bromoform
Concen: 106.566 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:173 Resp: 161188

Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.9	74.6
254	0.1	0.1	0.1

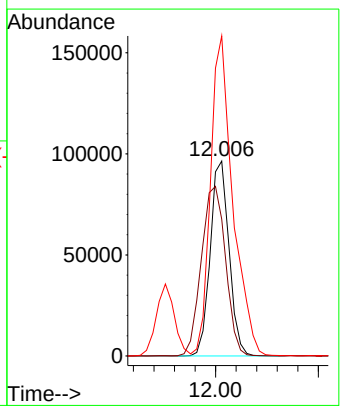


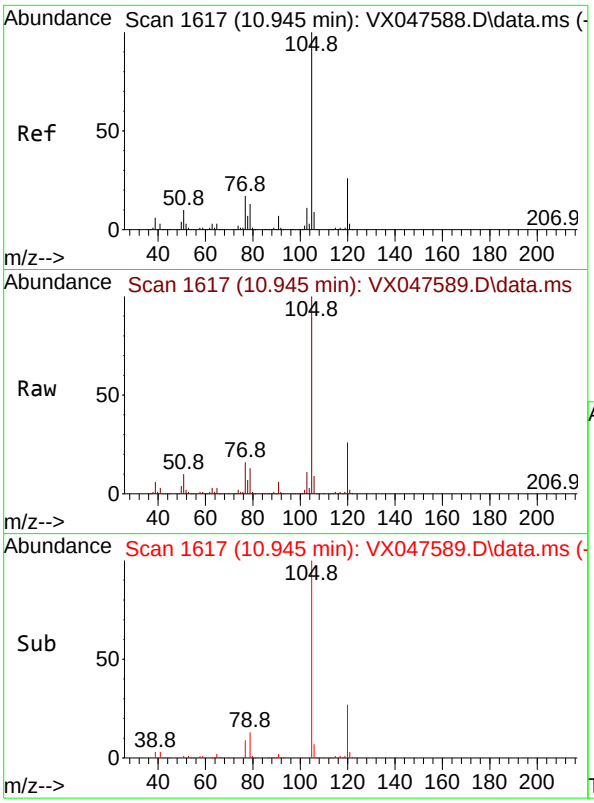


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:152 Resp: 122218

Ion	Ratio	Lower	Upper
152	100		
115	112.6	44.9	134.5
150	195.0	0.0	352.0



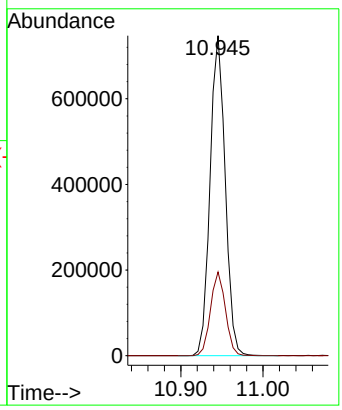


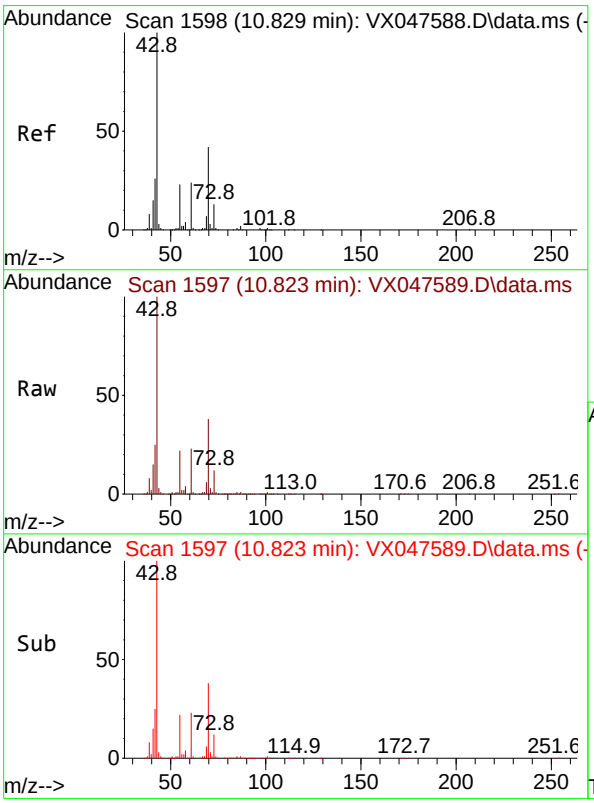
#73
Isopropylbenzene
Concen: 102.768 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 954900

Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.8	38.4

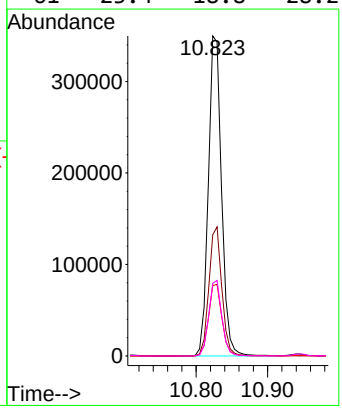


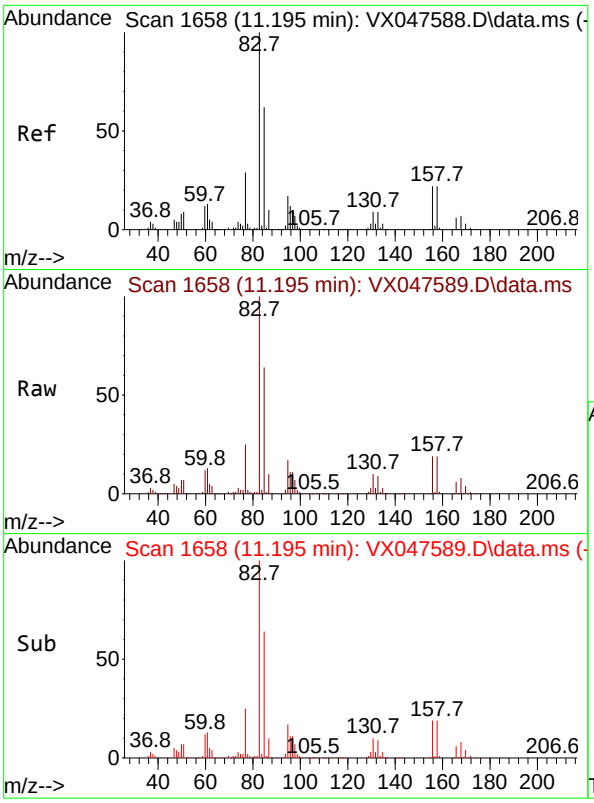


#74
N-amyl acetate
Concen: 105.812 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 448344

Ion	Ratio	Lower	Upper
43	100		
70	39.6	32.0	48.0
55	22.8	18.9	28.3
61	23.4	18.8	28.2



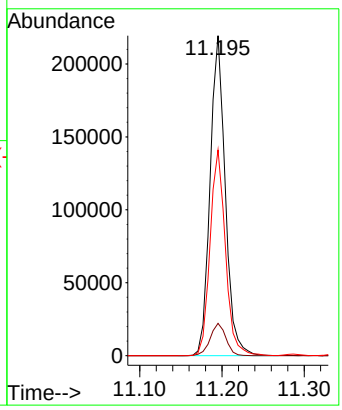


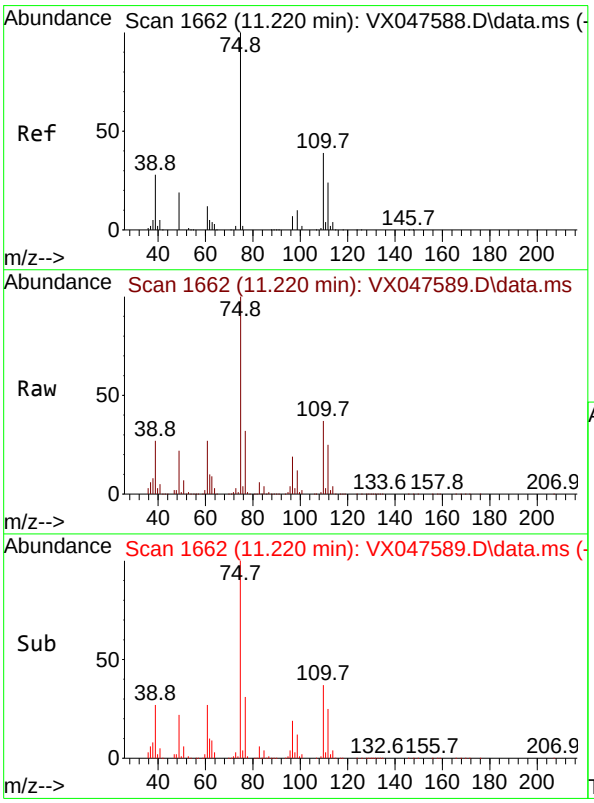
#75
1,1,2,2-Tetrachloroethane
Concen: 100.172 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 281608

Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.0	14.9
85	65.1	31.6	95.0

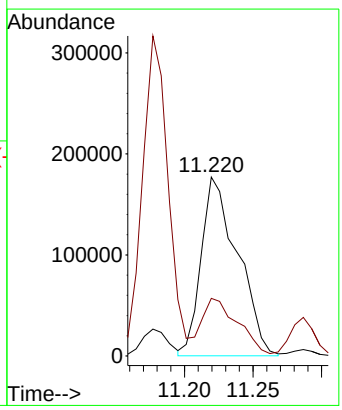


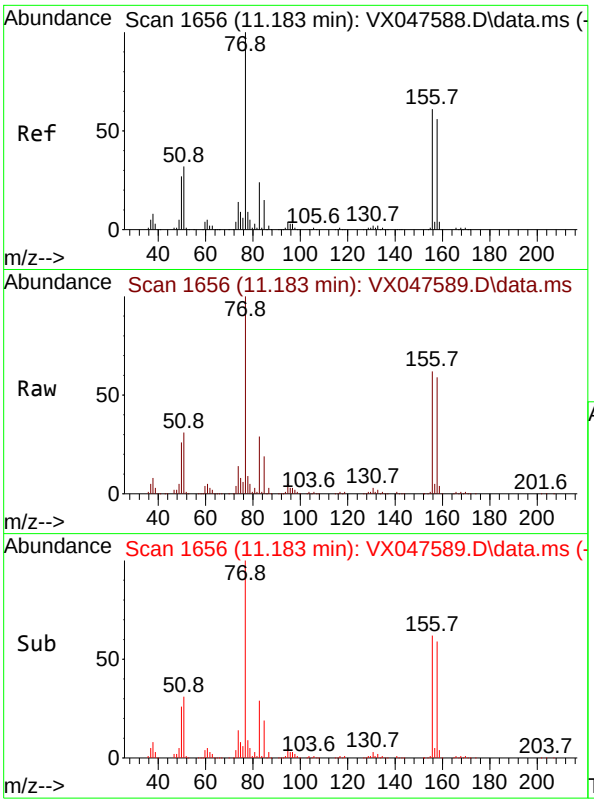


#76
1,2,3-Trichloropropane
Concen: 132.545 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 75 Resp: 327988

Ion	Ratio	Lower	Upper
75	100		
77	30.7	18.8	56.4



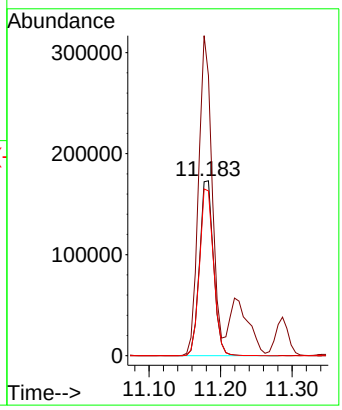


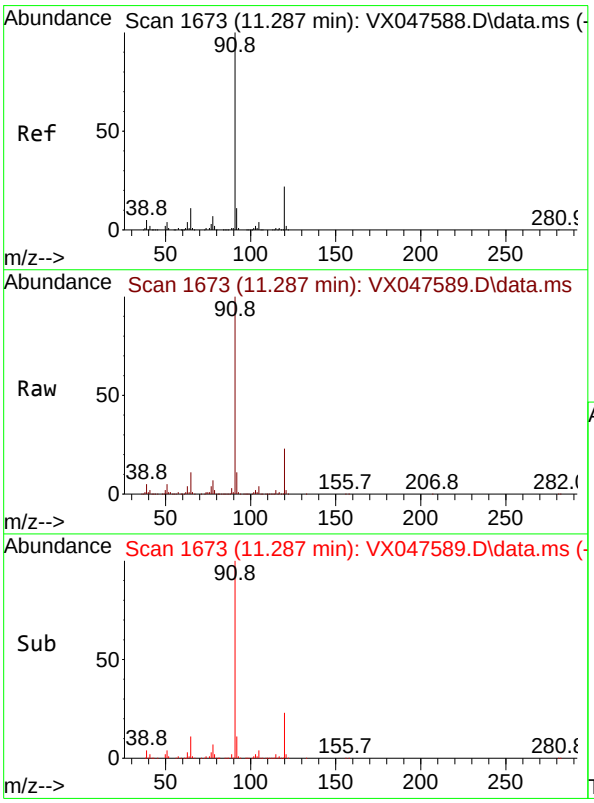
#77
Bromobenzene
Concen: 102.541 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:156 Resp: 234666

Ion	Ratio	Lower	Upper
156	100		
77	176.0	89.7	269.1
158	96.5	47.9	143.6

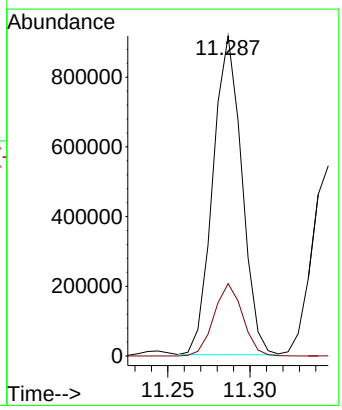


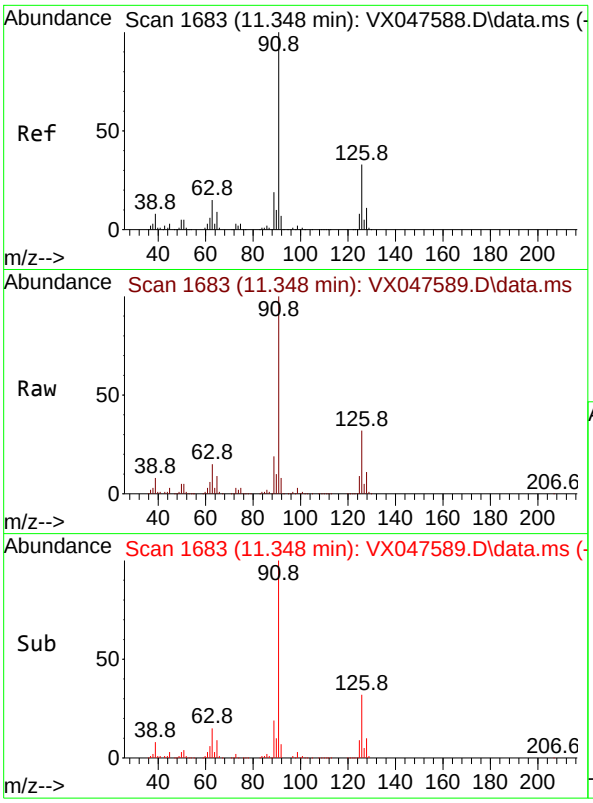


#78
n-propylbenzene
Concen: 101.941 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 91 Resp: 1119728

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.1	33.1



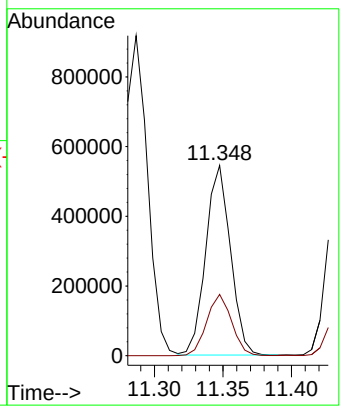


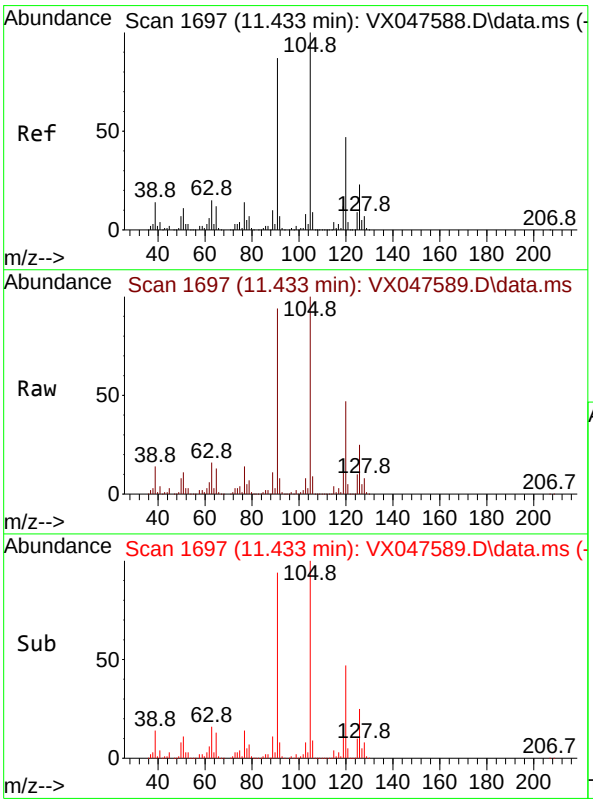
#79
2-Chlorotoluene
Concen: 101.652 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 683867

Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.1	48.3

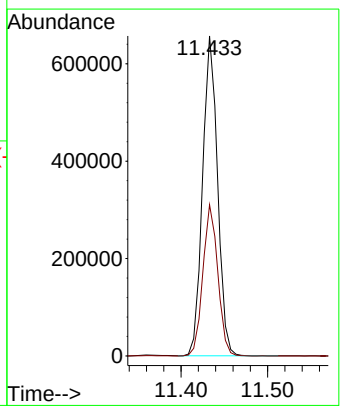


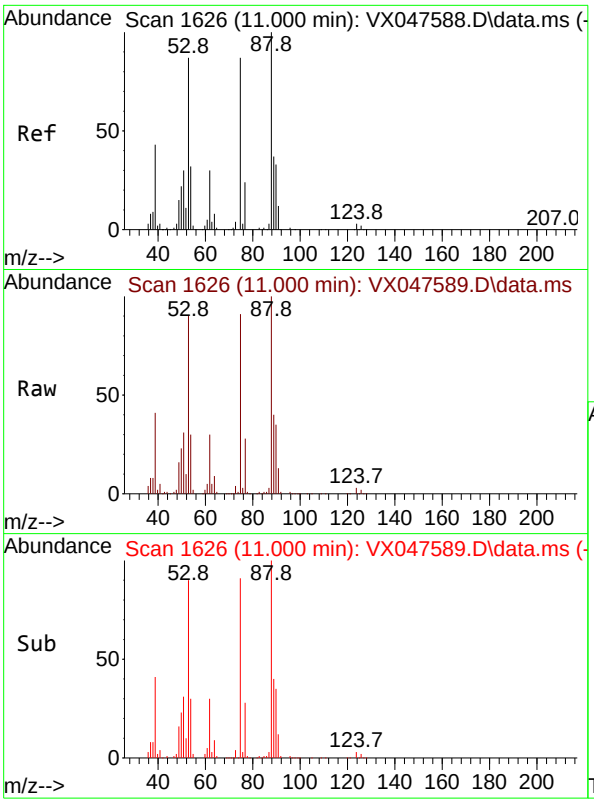


#80
1,3,5-Trimethylbenzene
Concen: 103.134 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:105 Resp: 787327

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.6	70.8



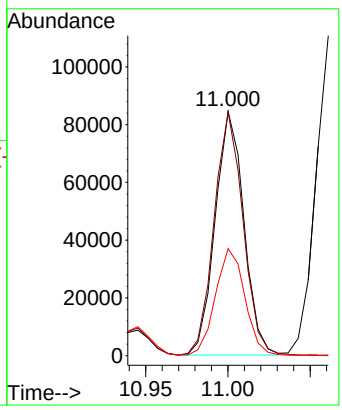


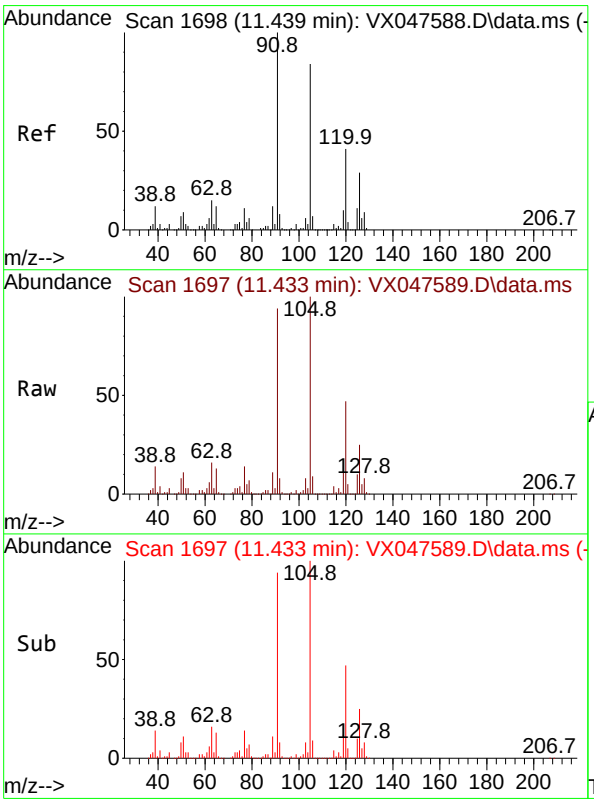
#81
trans-1,4-Dichloro-2-butene
Concen: 105.689 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 102555

Ion	Ratio	Lower	Upper
75	100		
53	101.1	83.4	125.2
89	45.3	36.3	54.5

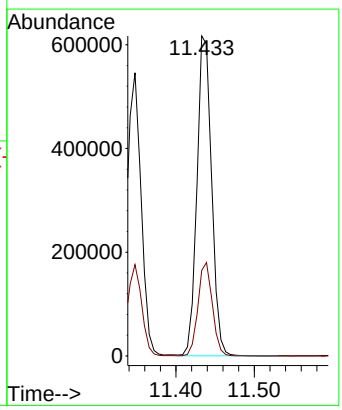


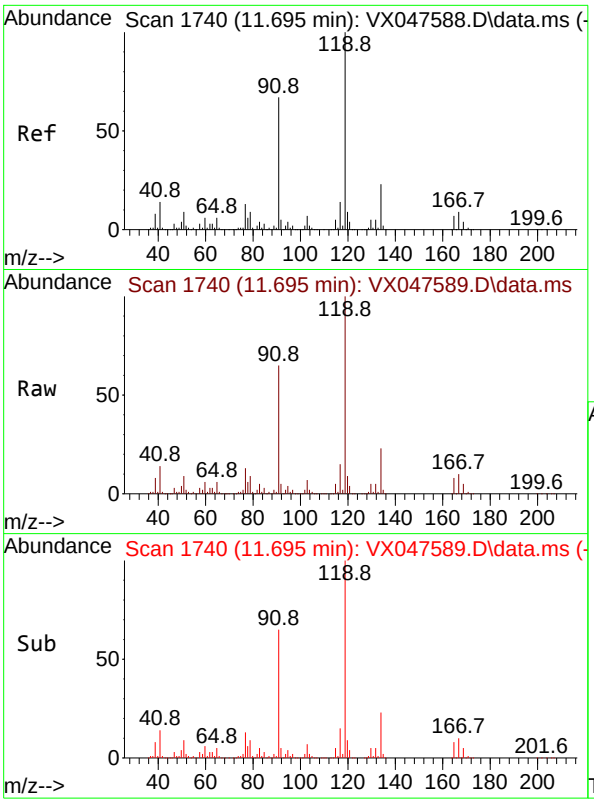


#82
4-Chlorotoluene
Concen: 101.054 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 91 Resp: 802929

Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.2	42.6



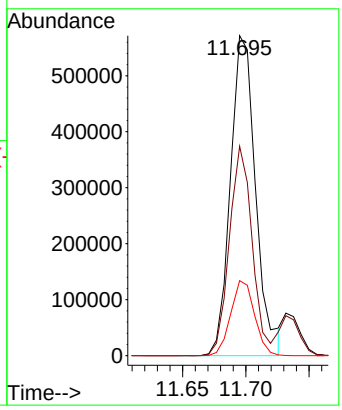


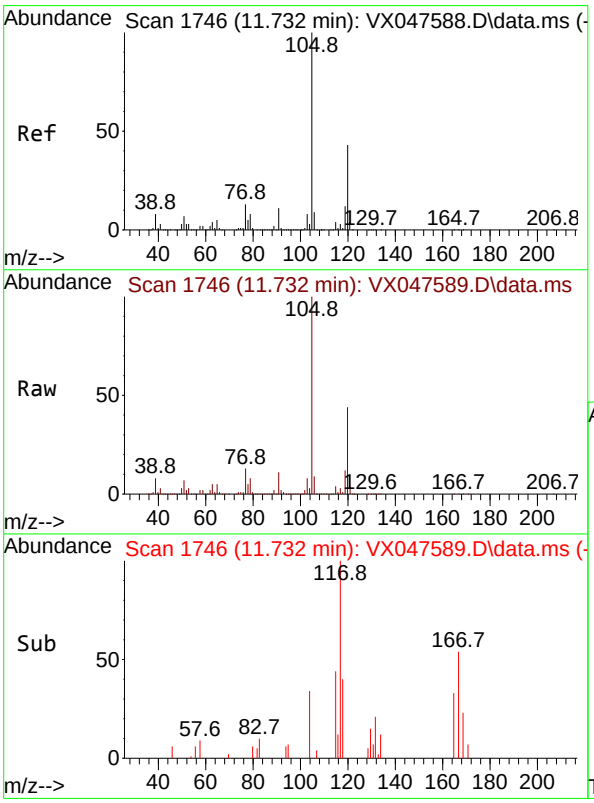
#83
tert-Butylbenzene
Concen: 101.333 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 791896

Ion	Ratio	Lower	Upper
119	100		
91	59.3	29.6	88.8
134	22.3	11.0	33.0

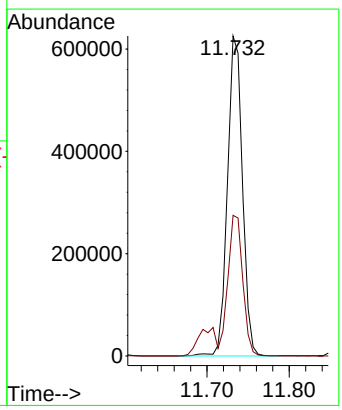


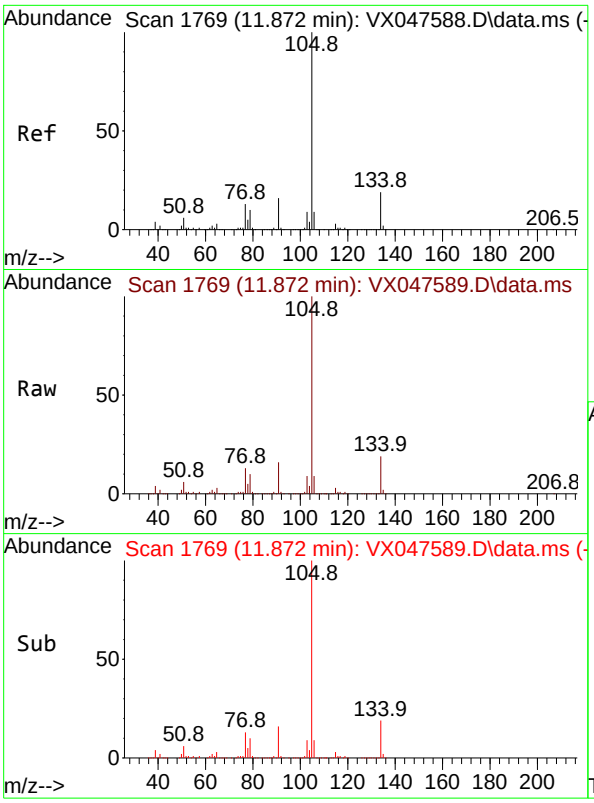


#84
1,2,4-Trimethylbenzene
Concen: 102.144 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:105 Resp: 790557

Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.1	66.1



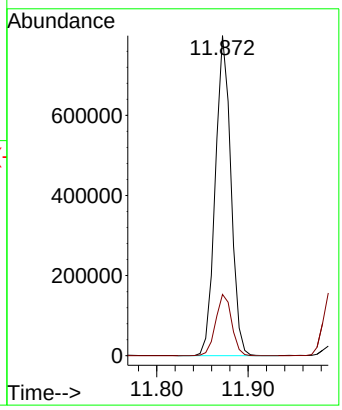


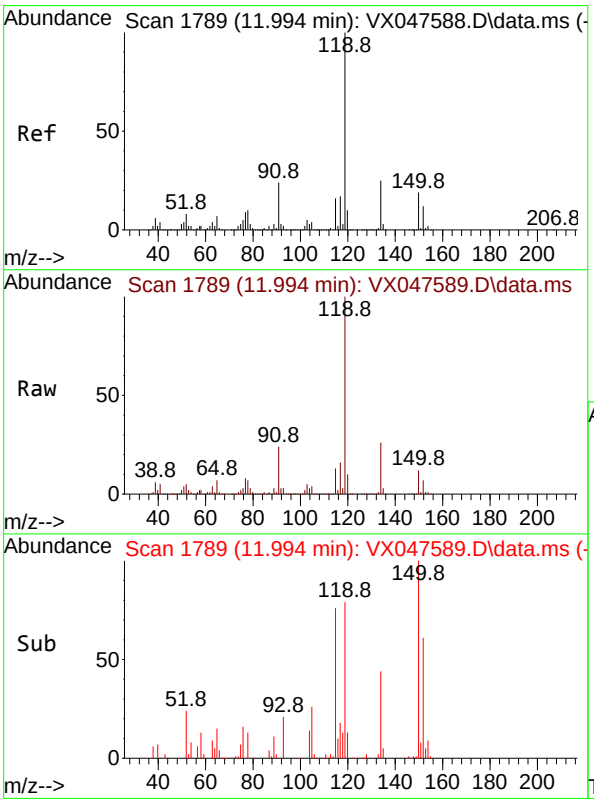
#85
sec-Butylbenzene
Concen: 101.840 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 945321

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5

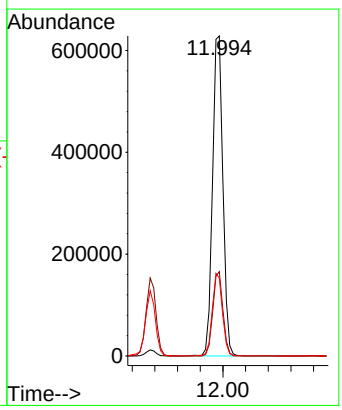


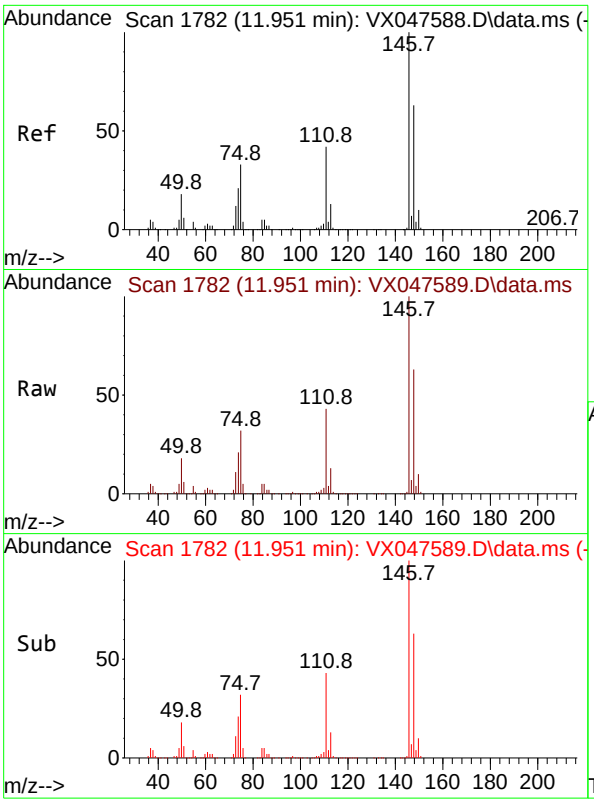


#86
p-Isopropyltoluene
Concen: 101.501 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:119 Resp: 797643

Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.6	37.8
91	25.2	12.6	37.6



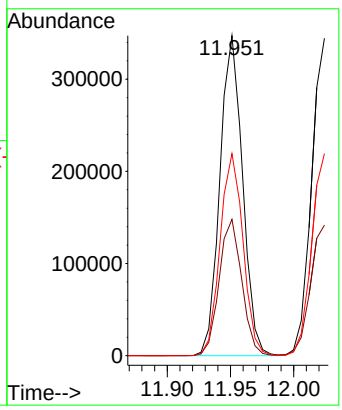


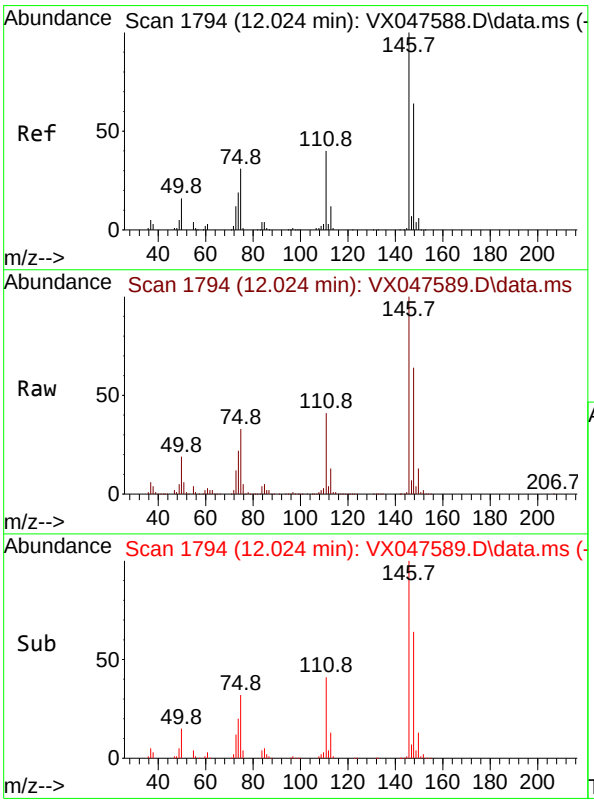
#87
1,3-Dichlorobenzene
Concen: 101.689 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 432248

Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.5	64.5
148	63.9	32.0	96.0

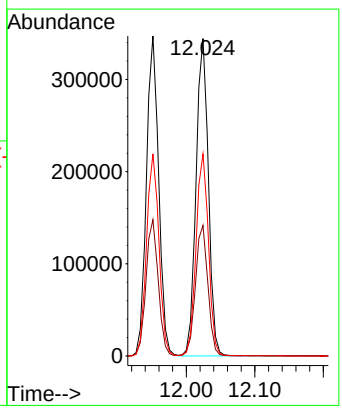


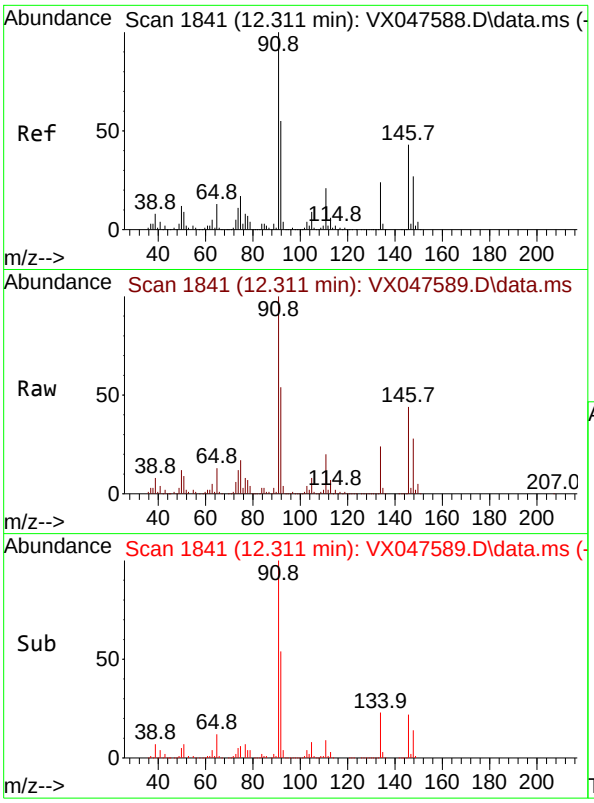


#88
1,4-Dichlorobenzene
Concen: 98.985 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:146 Resp: 431839

Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.8	62.4
148	63.8	31.7	95.1



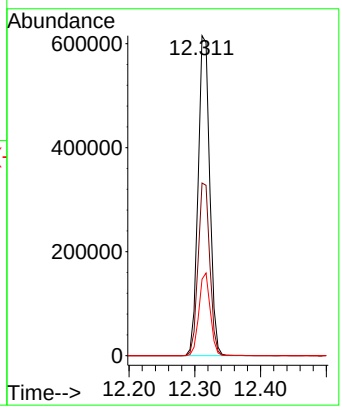


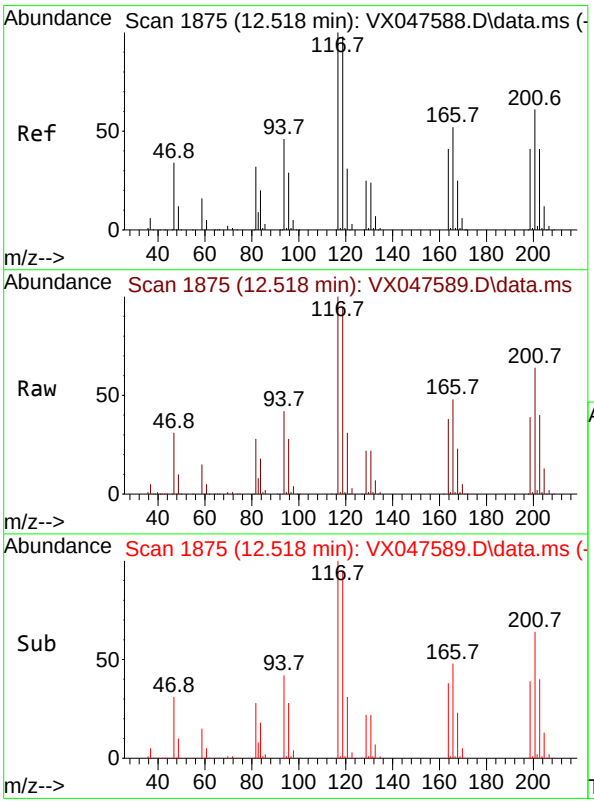
#89
n-Butylbenzene
Concen: 104.138 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 757239

Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.6	82.7
134	25.1	12.6	37.8

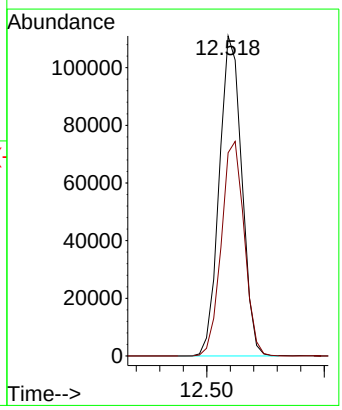


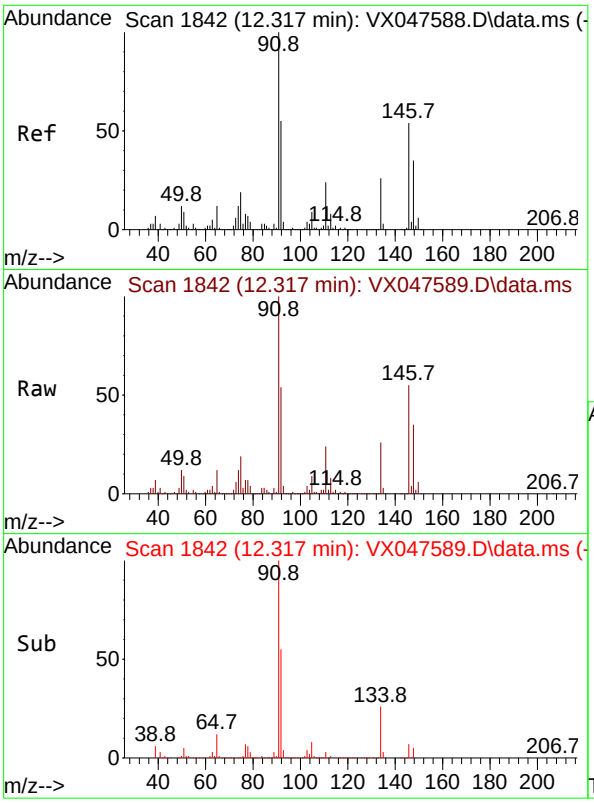


#90
Hexachloroethane
Concen: 107.304 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:117 Resp: 148048

Ion	Ratio	Lower	Upper
117	100		
201	68.1	34.2	102.5



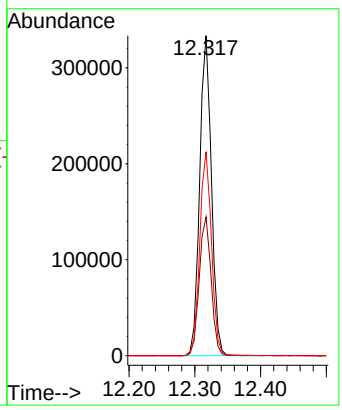


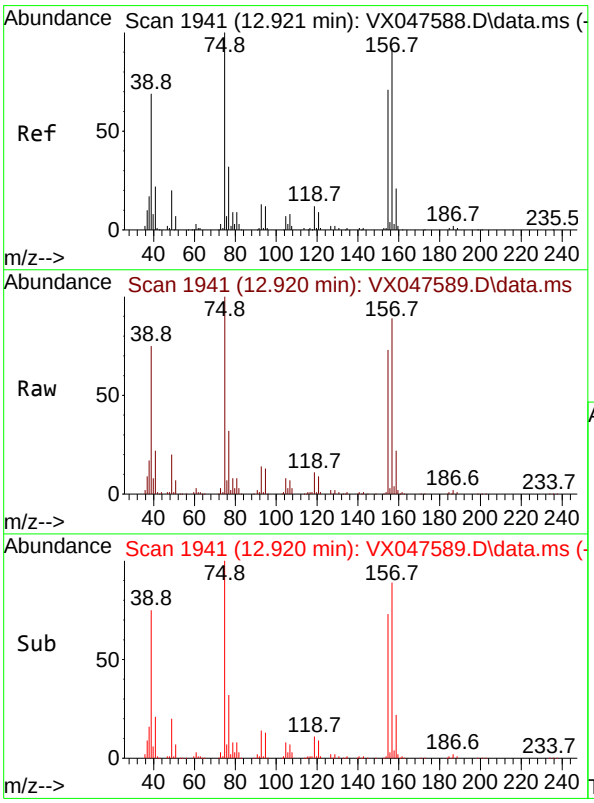
#91
1,2-Dichlorobenzene
Concen: 102.352 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 414491

Ion	Ratio	Lower	Upper
146	100		
111	43.9	22.2	66.6
148	63.4	31.8	95.4

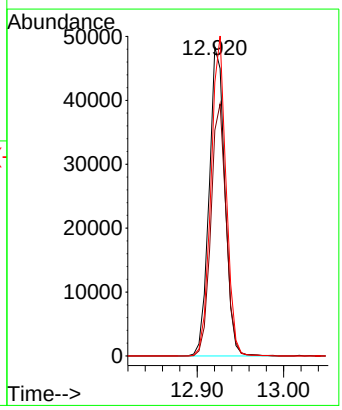


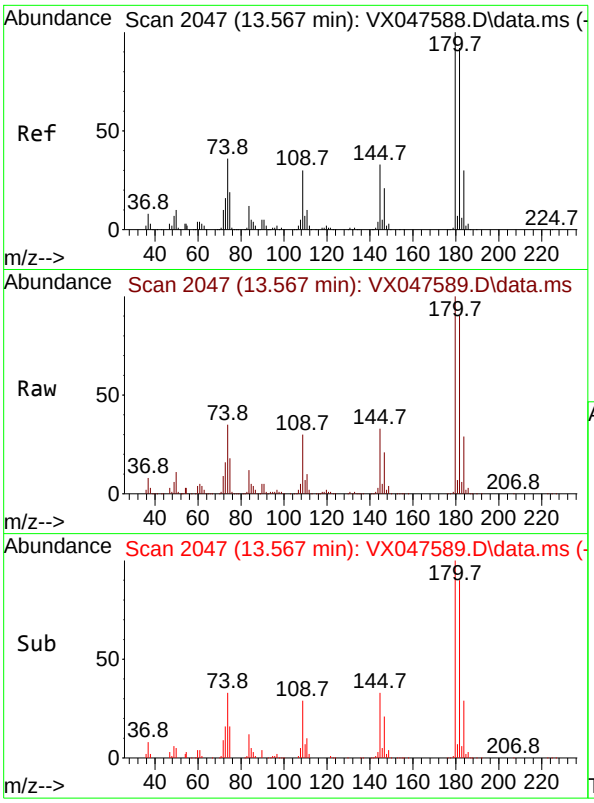


#92
1,2-Dibromo-3-Chloropropane
Concen: 107.225 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 75 Resp: 61029

Ion	Ratio	Lower	Upper
75	100		
155	79.0	37.7	113.1
157	99.2	49.8	149.4



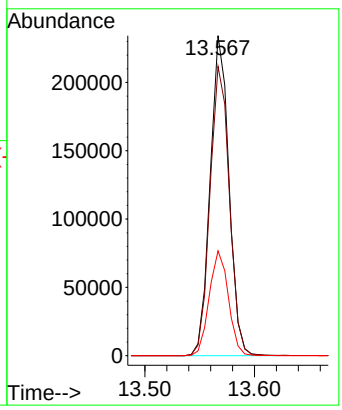


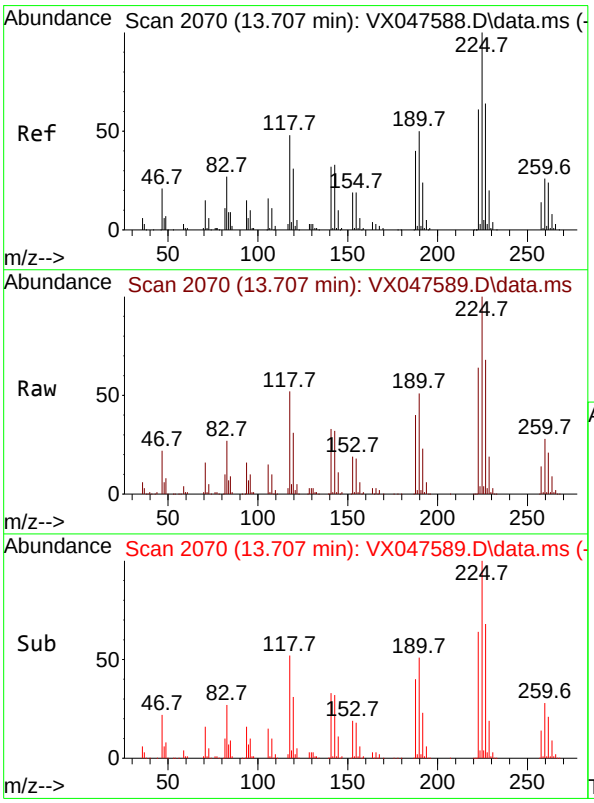
#93
1,2,4-Trichlorobenzene
Concen: 105.922 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:180 Resp: 278777

Ion	Ratio	Lower	Upper
180	100		
182	93.2	46.6	139.8
145	33.3	16.4	49.1

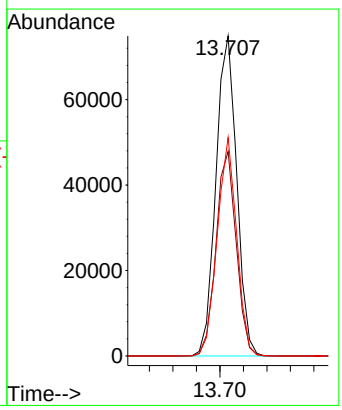


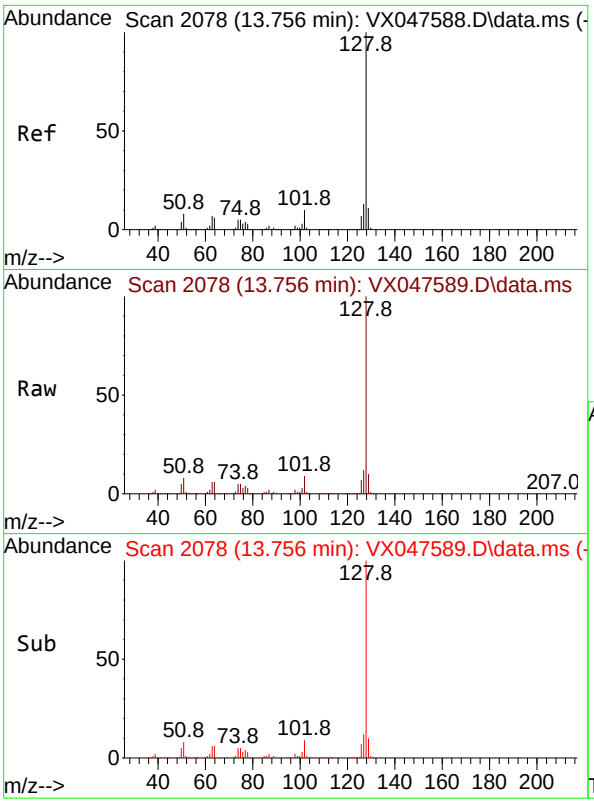


#94
Hexachlorobutadiene
Concen: 103.049 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:225 Resp: 92124

Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.7	95.1
227	63.8	32.0	96.0



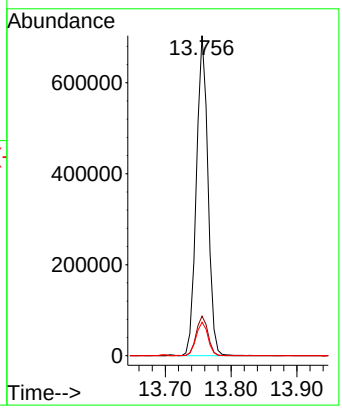


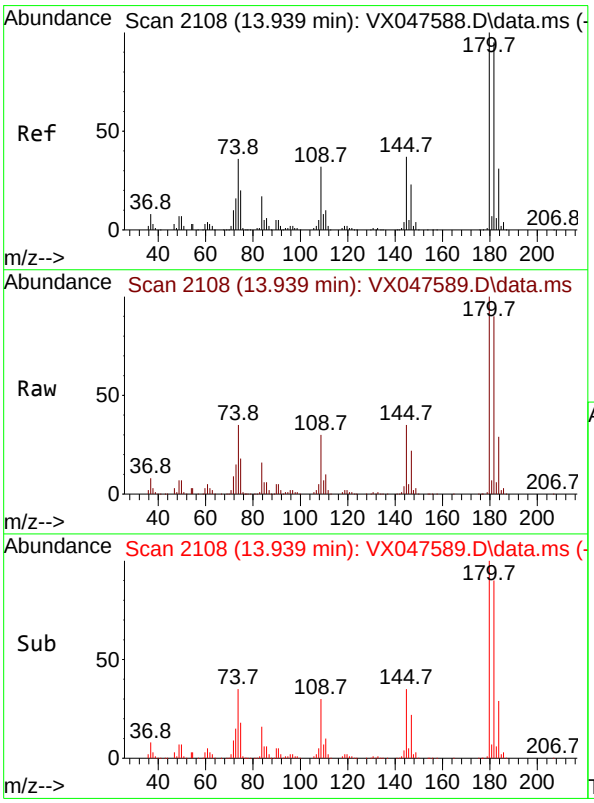
#95
Naphthalene
Concen: 106.620 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 854492

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.8	8.8	13.2

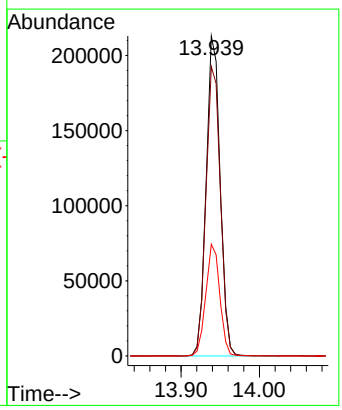




#96
1,2,3-Trichlorobenzene
Concen: 107.633 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:180 Resp: 263512

Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.6	142.8
145	35.0	17.9	53.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Sep 22 01:52:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	153177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	274804	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	241818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	114743	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	396627	162.673	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 325.340%#			
35) Dibromofluoromethane	5.373	113	303728	164.802	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 329.600%#			
50) Toluene-d8	8.635	98	1041079	163.253	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 326.500%#			
62) 4-Bromofluorobenzene	11.067	95	399386	165.020	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 330.040%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	226166	142.586	ug/l	99
3) Chloromethane	1.301	50	297259	142.593	ug/l	99
4) Vinyl Chloride	1.380	62	302303	148.140	ug/l	98
5) Bromomethane	1.605	94	147541	114.019	ug/l	98
6) Chloroethane	1.691	64	195927	143.652	ug/l	99
7) Trichlorofluoromethane	1.892	101	453116	149.545	ug/l	99
8) Diethyl Ether	2.136	74	188006	151.684	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	267995	151.264	ug/l	99
10) Methyl Iodide	2.453	142	407242	147.384	ug/l	99
11) Tert butyl alcohol	2.959	59	215927	795.166	ug/l	100
12) 1,1-Dichloroethene	2.325	96	273692	150.388	ug/l	97
13) Acrolein	2.239	56	223763	894.203	ug/l	98
14) Allyl chloride	2.666	41	554779	147.727	ug/l	99
15) Acrylonitrile	3.063	53	790790	786.201	ug/l	99
16) Acetone	2.380	43	686119	647.201	ug/l	98
17) Carbon Disulfide	2.514	76	714503	143.412	ug/l	99
18) Methyl Acetate	2.703	43	404736	171.548	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	1015295	152.826	ug/l	100
20) Methylene Chloride	2.788	84	324032	144.398	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	291616	148.833	ug/l	98
22) Diisopropyl ether	3.757	45	1095726	150.551	ug/l	97
23) Vinyl Acetate	3.715	43	4504849	773.364	ug/l	100
24) 1,1-Dichloroethane	3.605	63	587129	151.776	ug/l	98
25) 2-Butanone	4.544	43	973938	736.502	ug/l	99
26) 2,2-Dichloropropane	4.471	77	486890	151.414	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	366262	152.638	ug/l	99
28) Bromochloromethane	4.885	49	289548	171.451	ug/l	99
29) Tetrahydrofuran	4.989	42	616374	774.811	ug/l	100
30) Chloroform	5.080	83	591709	151.367	ug/l	99
31) Cyclohexane	5.458	56	456119	141.570	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	506654	152.802	ug/l	99
36) 1,1-Dichloropropene	5.684	75	386601	143.556	ug/l	99
37) Ethyl Acetate	4.702	43	444461	154.141	ug/l	99
38) Carbon Tetrachloride	5.666	117	427263	146.021	ug/l	98
39) Methylcyclohexane	7.367	83	456694	149.395	ug/l	98
40) Benzene	6.025	78	1202846	147.057	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Sep 22 01:52:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.904	41	223218	149.951 ug/l	99
42) 1,2-Dichloroethane	6.074	62	455978	146.515 ug/l	99
43) Isopropyl Acetate	6.324	43	724888	153.283 ug/l	99
44) Trichloroethene	7.111	130	299673	151.542 ug/l	96
45) 1,2-Dichloropropane	7.415	63	316720	151.219 ug/l	99
46) Dibromomethane	7.568	93	228550	149.954 ug/l	97
47) Bromodichloromethane	7.806	83	483438	153.710 ug/l	98
48) Methyl methacrylate	7.678	41	367931	156.194 ug/l	99
49) 1,4-Dioxane	7.647	88	82739	3475.565 ug/l	98
51) 4-Methyl-2-Pentanone	8.562	43	2008063	765.849 ug/l	100
52) Toluene	8.702	92	739332	146.712 ug/l	99
53) t-1,3-Dichloropropene	8.964	75	503912	157.076 ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	530566	154.732 ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	289103	148.781 ug/l	99
56) Ethyl methacrylate	9.104	69	490623	160.773 ug/l	97
57) 1,3-Dichloropropane	9.293	76	502121	150.426 ug/l	98
58) 2-Chloroethyl Vinyl ether	8.232	63	1202206	749.661 ug/l	99
59) 2-Hexanone	9.415	43	1412417	750.035 ug/l	99
60) Dibromochloromethane	9.506	129	347748	155.318 ug/l	98
61) 1,2-Dibromoethane	9.592	107	302715	152.949 ug/l	99
64) Tetrachloroethene	9.263	164	227931	144.590 ug/l	98
65) Chlorobenzene	10.061	112	828239	150.763 ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	291433	153.733 ug/l	98
67) Ethyl Benzene	10.177	91	1431554	151.026 ug/l	99
68) m/p-Xylenes	10.287	106	1059776	300.381 ug/l	99
69) o-Xylene	10.628	106	521840	152.920 ug/l	99
70) Styrene	10.640	104	917532	153.449 ug/l	99
71) Bromoform	10.781	173	229683	162.262 ug/l	99
73) Isopropylbenzene	10.945	105	1321409	151.477 ug/l	99
74) N-amyl acetate	10.829	43	636879	160.099 ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	403906	153.035 ug/l	99
76) 1,2,3-Trichloropropane	11.226	75	470623	202.576 ug/l	89
77) Bromobenzene	11.183	156	328336	152.818 ug/l	99
78) n-propylbenzene	11.287	91	1550316	150.337 ug/l	99
79) 2-Chlorotoluene	11.348	91	939707	148.781 ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	1091593	152.306 ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	145921	160.176 ug/l	97
82) 4-Chlorotoluene	11.439	91	1127233	151.112 ug/l	100
83) tert-Butylbenzene	11.701	119	1106532	150.819 ug/l	99
84) 1,2,4-Trimethylbenzene	11.738	105	1106914	152.336 ug/l	100
85) sec-Butylbenzene	11.872	105	1319819	151.448 ug/l	99
86) p-Isopropyltoluene	11.994	119	1103210	149.530 ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	605123	151.633 ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	613617	149.814 ug/l	99
89) n-Butylbenzene	12.317	91	1032357	151.222 ug/l	100
90) Hexachloroethane	12.518	117	211472	163.258 ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	582565	153.227 ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	89415	167.332 ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	387652	156.884 ug/l	98
94) Hexachlorobutadiene	13.707	225	121791	145.110 ug/l	99
95) Naphthalene	13.756	128	1229363	163.388 ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	369382	160.704 ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Sep 22 01:52:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

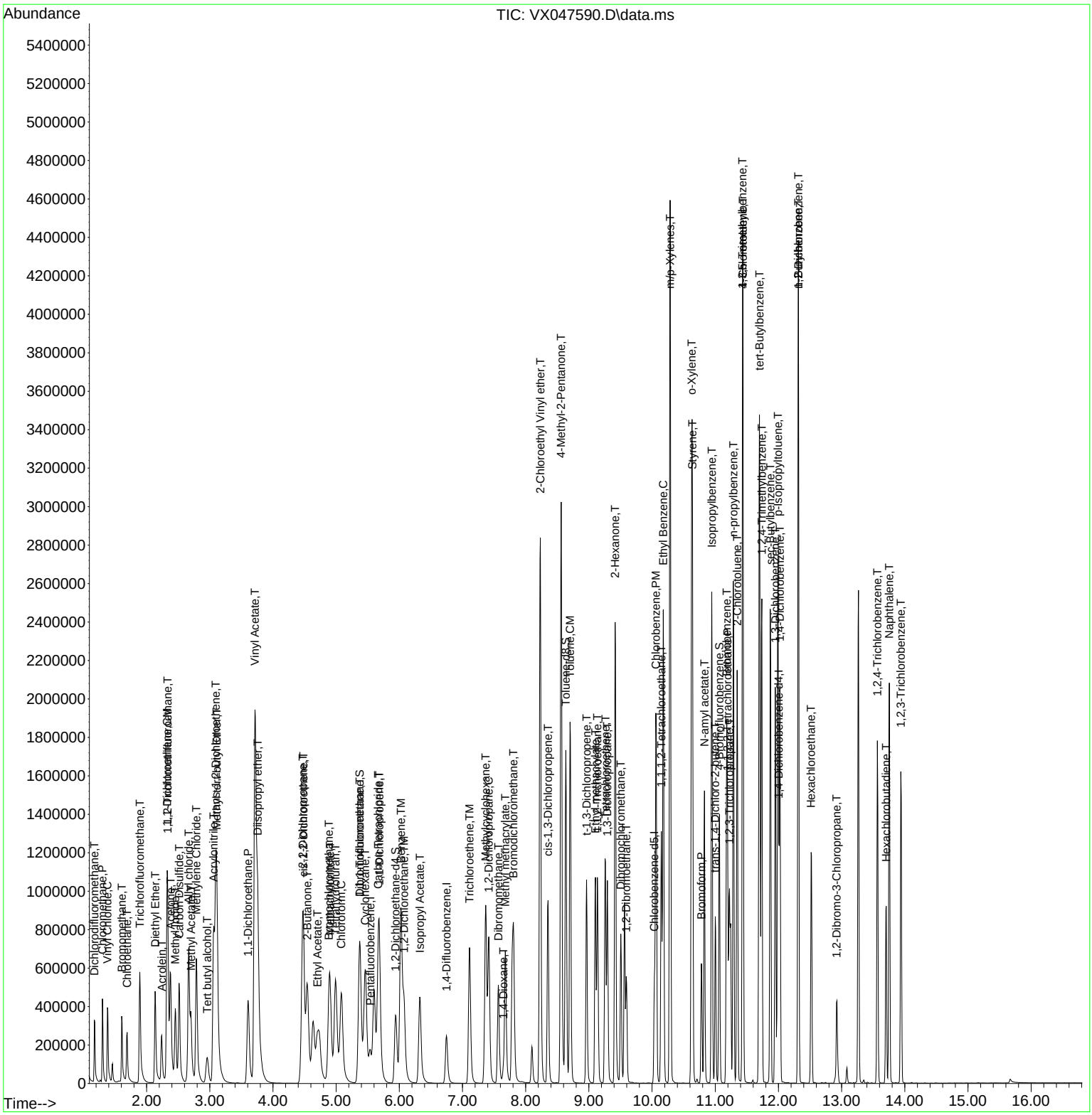
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

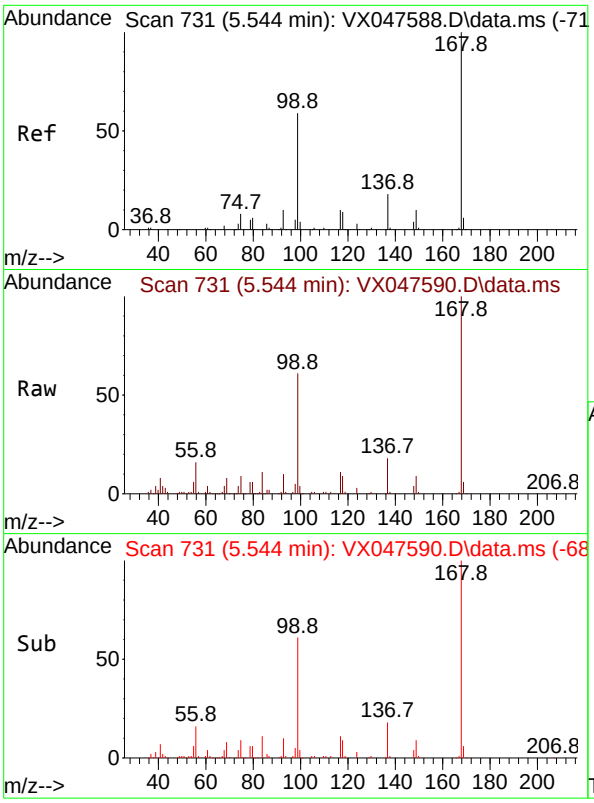
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Sep 22 01:52:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



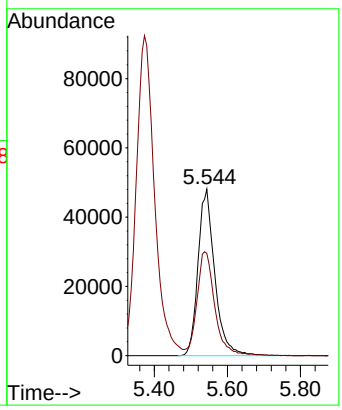


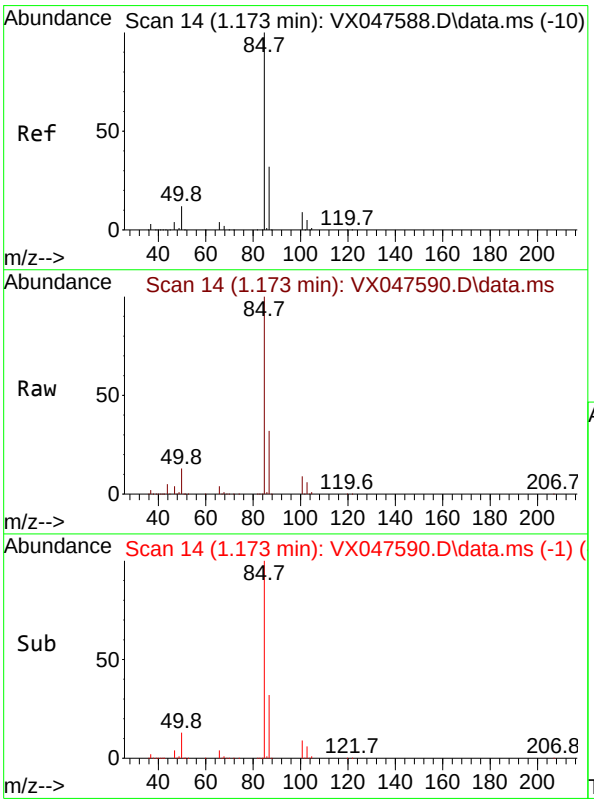
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:168 Resp: 153177

Ion	Ratio	Lower	Upper
168	100		
99	61.1	48.8	73.2

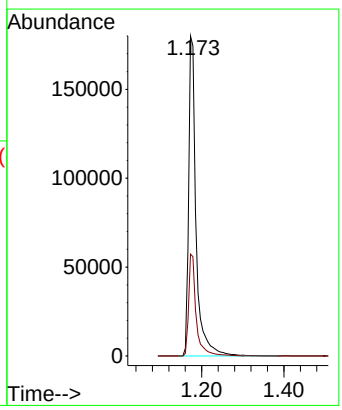


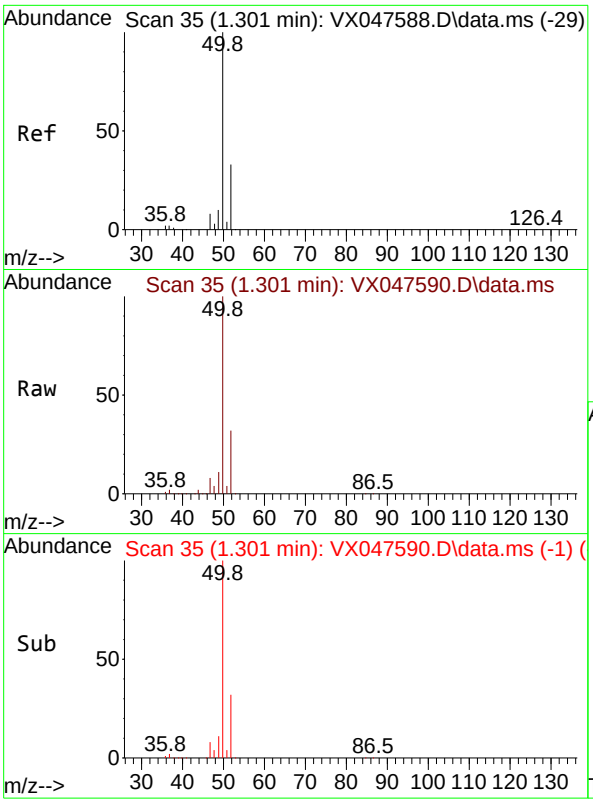


#2
Dichlorodifluoromethane
Concen: 142.586 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 85 Resp: 226166

Ion	Ratio	Lower	Upper
85	100		
87	31.8	15.8	47.3



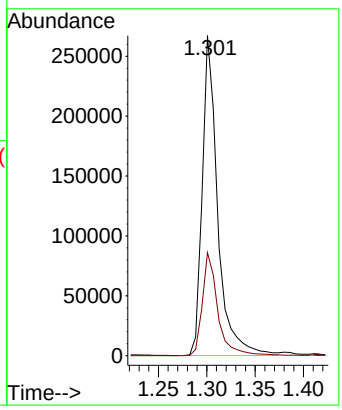


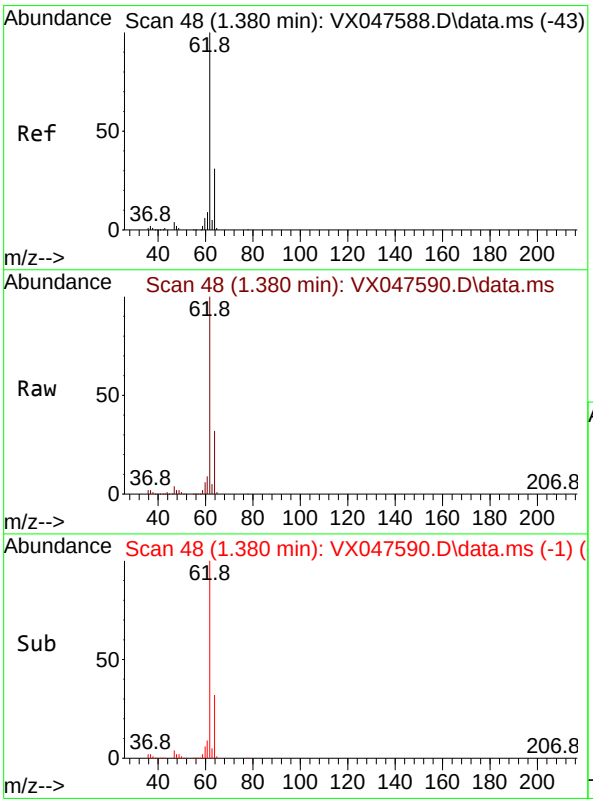
#3
Chloromethane
Concen: 142.593 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 50 Resp: 297259

Ion	Ratio	Lower	Upper
50	100		
52	32.2	26.1	39.1

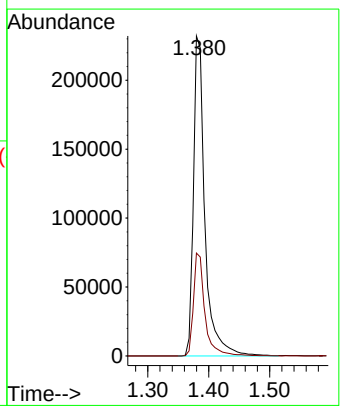


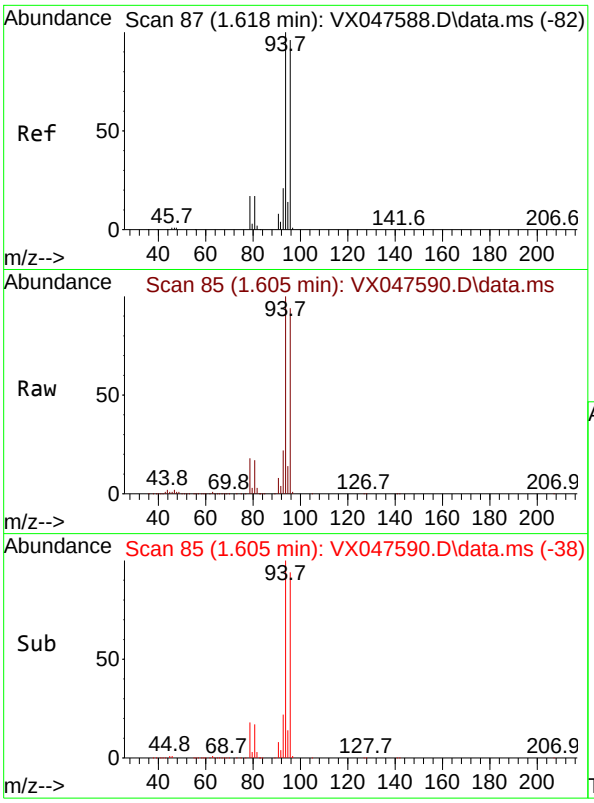


#4
Vinyl Chloride
Concen: 148.140 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 62 Resp: 302303

Ion	Ratio	Lower	Upper
62	100		
64	32.1	24.9	37.3



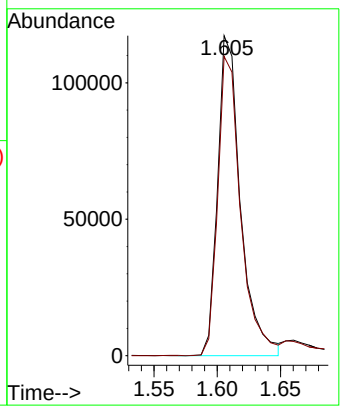


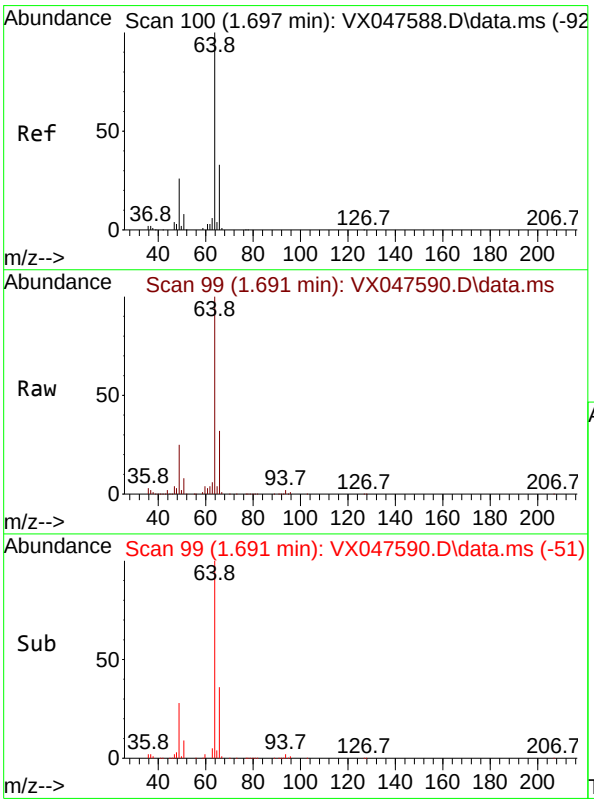
#5
Bromomethane
Concen: 114.019 ug/l
RT: 1.605 min Scan# 8
Delta R.T. -0.012 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 94 Resp: 147541

Ion	Ratio	Lower	Upper
94	100		
96	93.4	76.6	115.0

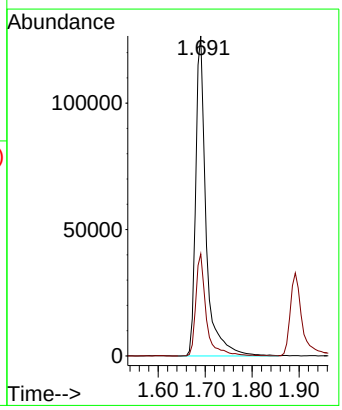


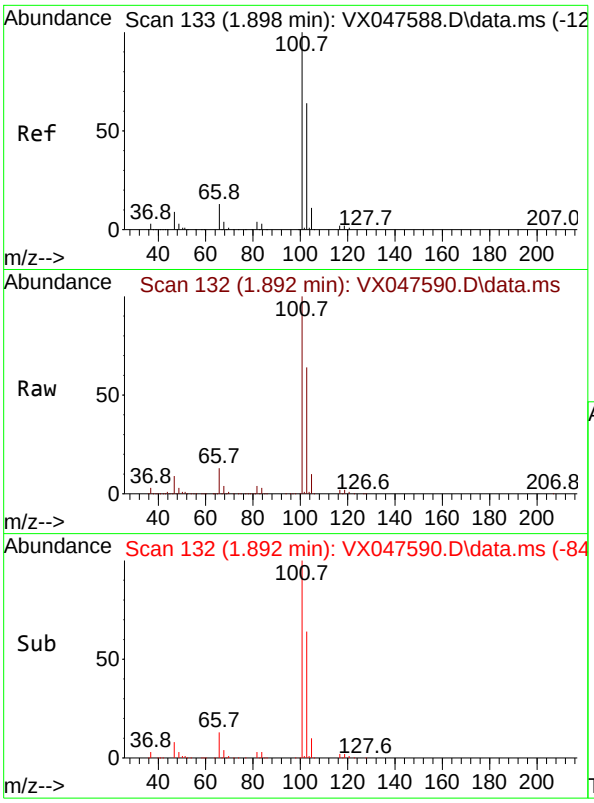


#6
Chloroethane
Concen: 143.652 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 64 Resp: 195927

Ion	Ratio	Lower	Upper
64	100		
66	31.9	26.1	39.1



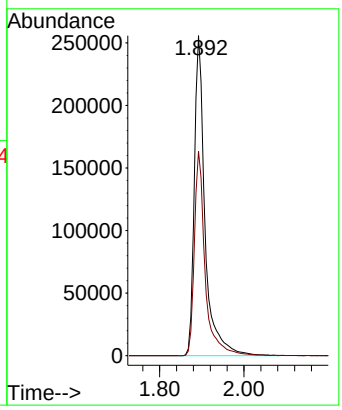


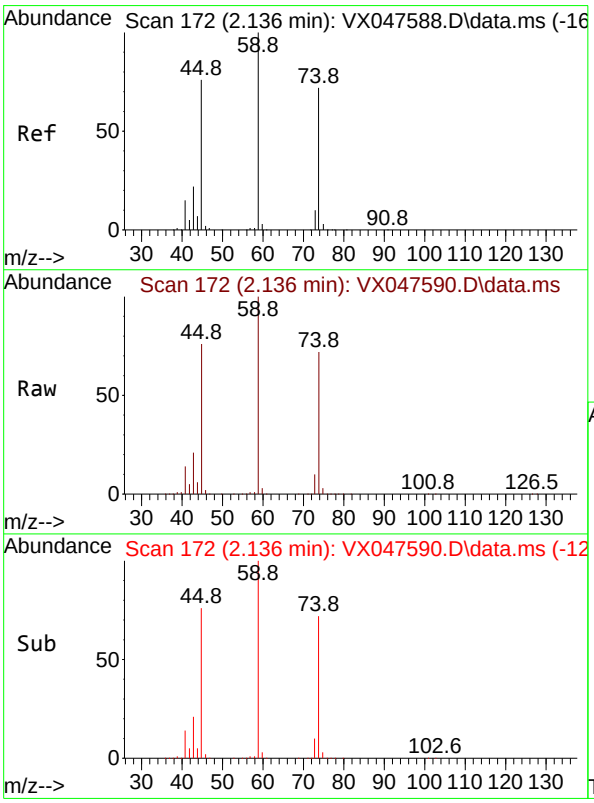
#7
Trichlorofluoromethane
Concen: 149.545 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 453116

Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.4	77.2

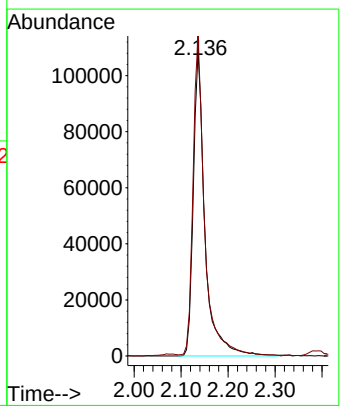


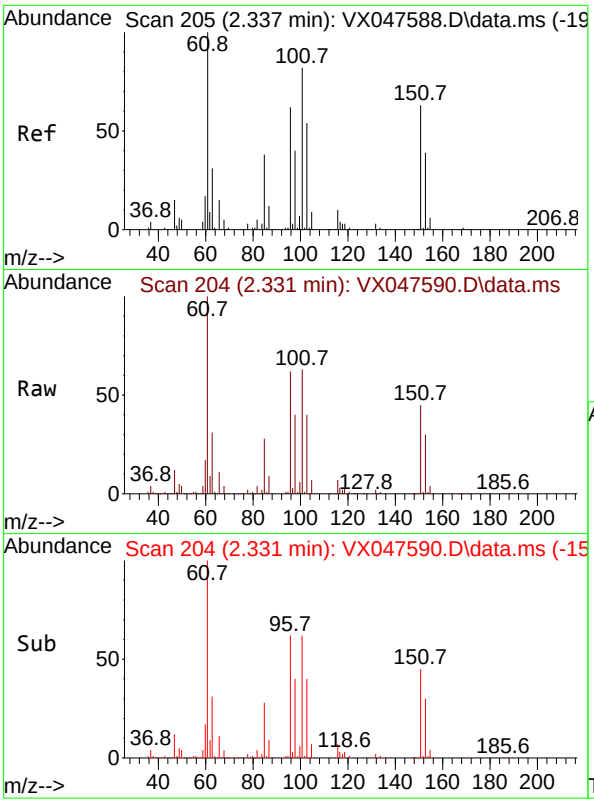


#8
Diethyl Ether
Concen: 151.684 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 74 Resp: 188006

Ion	Ratio	Lower	Upper
74	100		
45	105.5	52.3	156.8



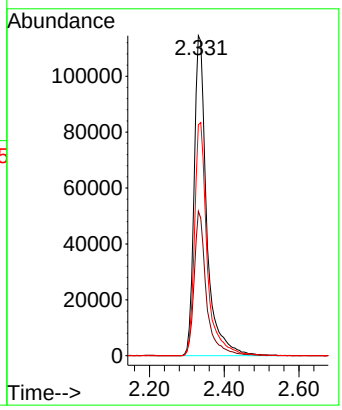


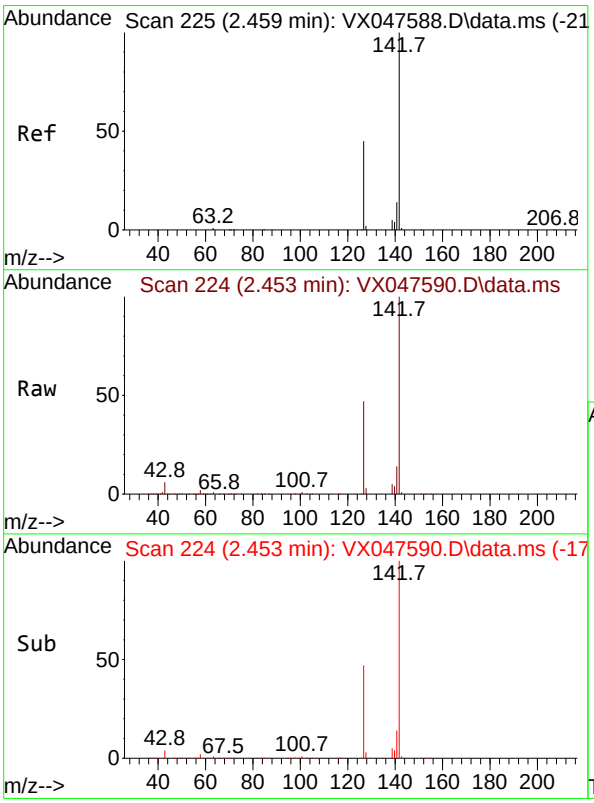
#9
1,1,2-Trichlorotrifluoroethane
Concen: 151.264 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 267995

Ion	Ratio	Lower	Upper
101	100		
85	43.9	35.5	53.3
151	73.2	59.4	89.0

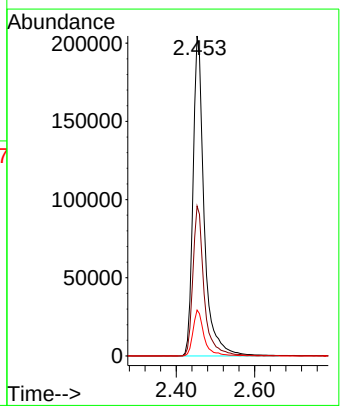


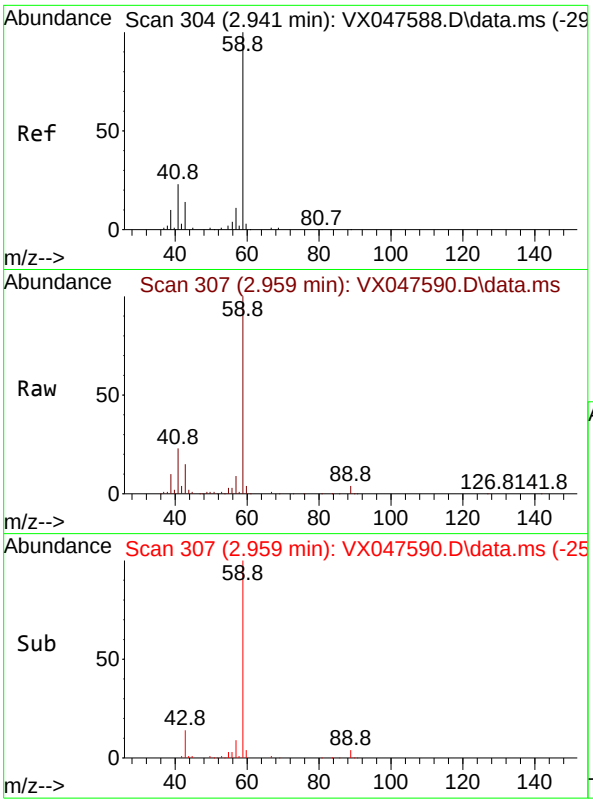


#10
Methyl Iodide
Concen: 147.384 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:142 Resp: 407242

Ion	Ratio	Lower	Upper
142	100		
127	47.3	37.2	55.8
141	14.3	11.4	17.0



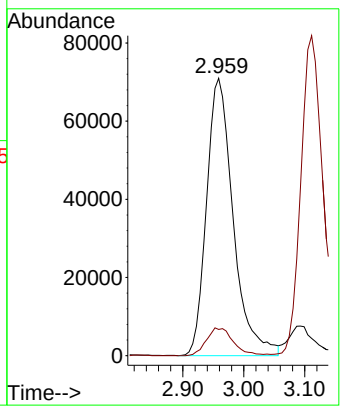


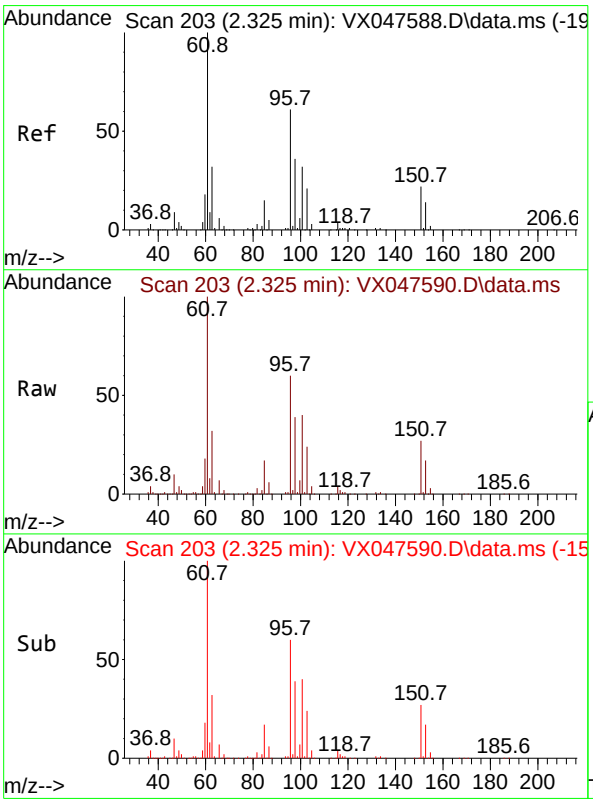
#11
Tert butyl alcohol
Concen: 795.166 ug/l
RT: 2.959 min Scan# 3
Delta R.T. 0.018 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 59 Resp: 215927

Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.3	12.5

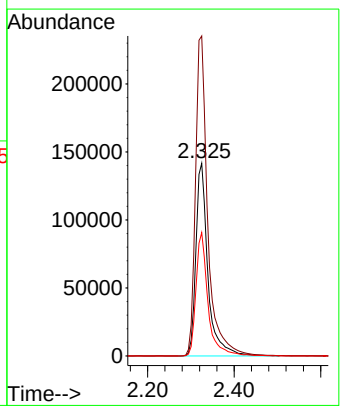


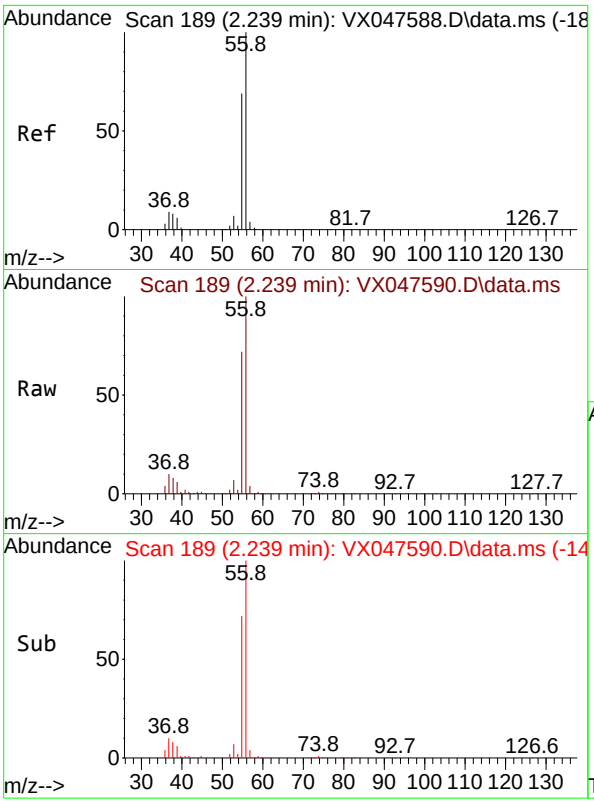


#12
1,1-Dichloroethene
Concen: 150.388 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 96 Resp: 273692

Ion	Ratio	Lower	Upper
96	100		
61	166.1	131.0	196.6
98	64.0	47.7	71.5



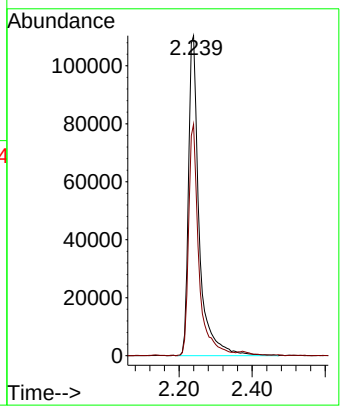


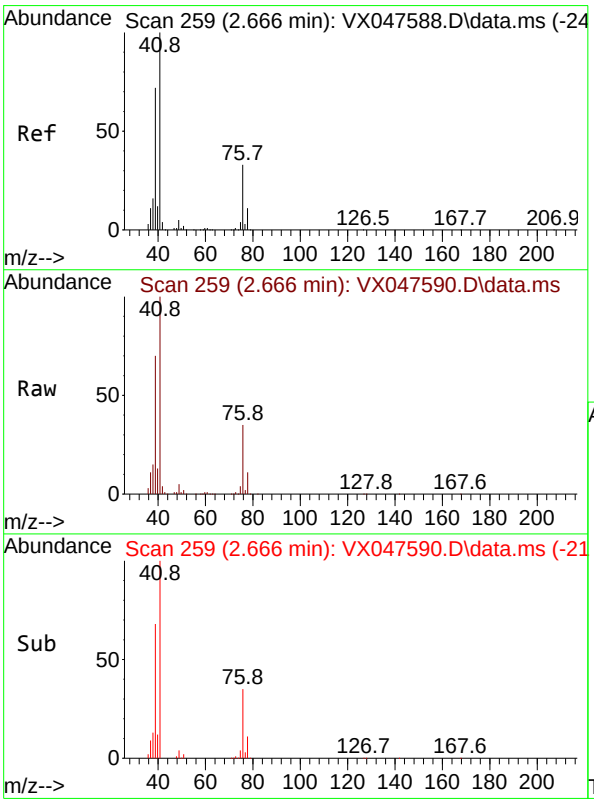
#13
Acrolein
Concen: 894.203 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 223763

Ion	Ratio	Lower	Upper
56	100		
55	69.6	57.2	85.8

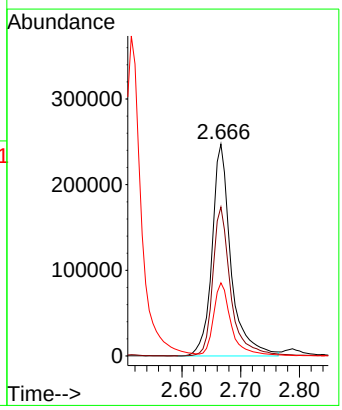


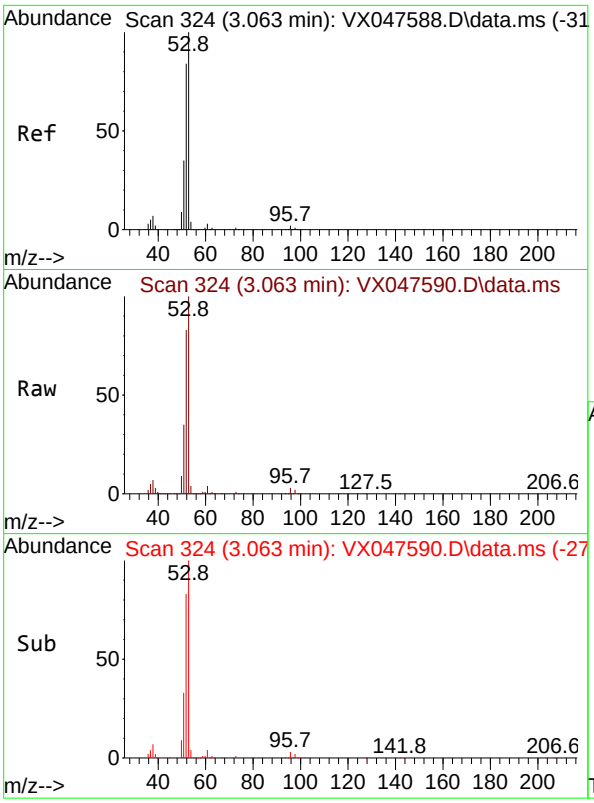


#14
Allyl chloride
Concen: 147.727 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 41 Resp: 554779

Ion	Ratio	Lower	Upper
41	100		
39	67.3	54.7	82.1
76	32.4	25.7	38.5



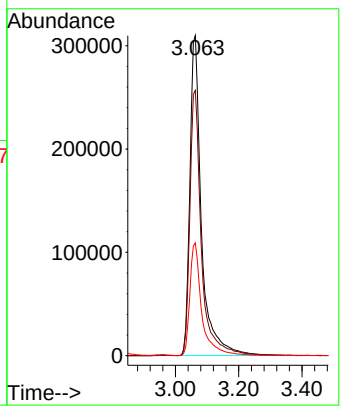


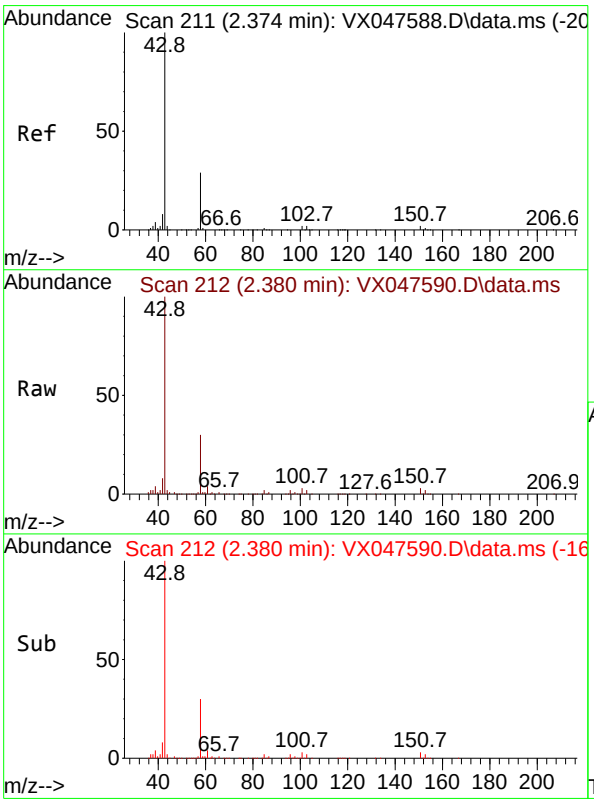
#15
Acrylonitrile
Concen: 786.201 ug/l
RT: 3.063 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 53 Resp: 790790

Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.4	99.6
51	36.1	29.5	44.3

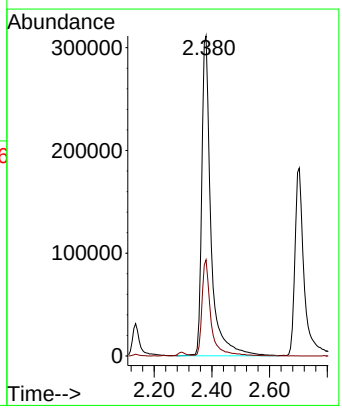


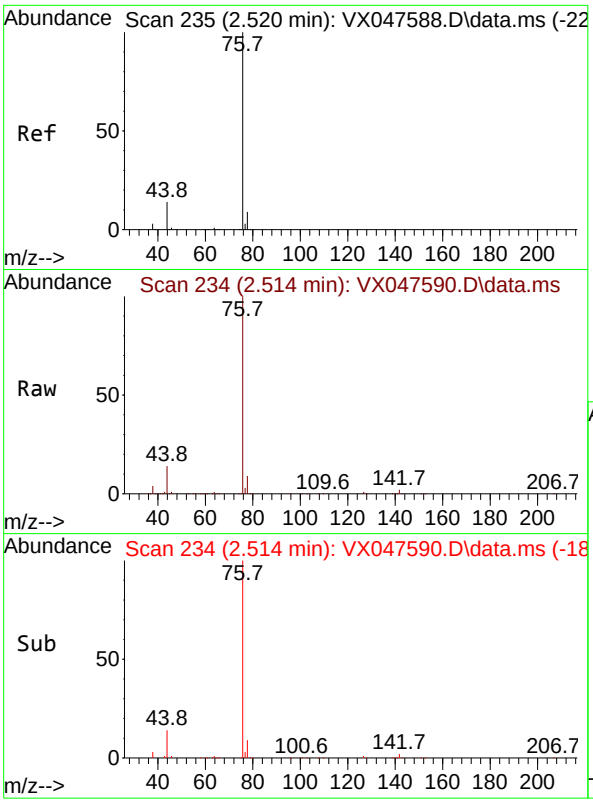


#16
Acetone
Concen: 647.201 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 686119

Ion	Ratio	Lower	Upper
43	100		
58	30.0	23.4	35.0



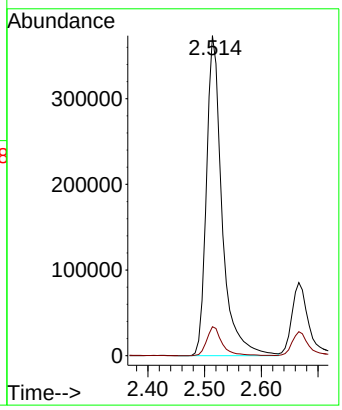


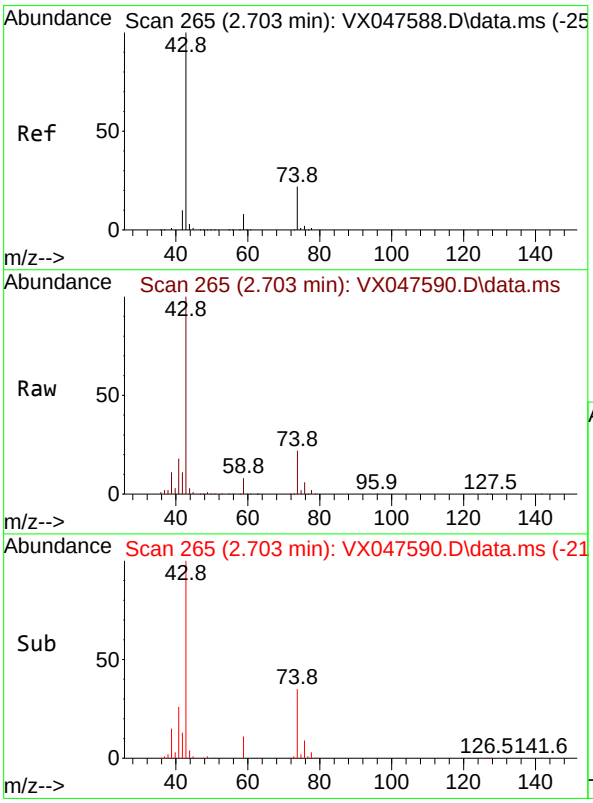
#17
Carbon Disulfide
Concen: 143.412 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 714503

Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.8	10.2

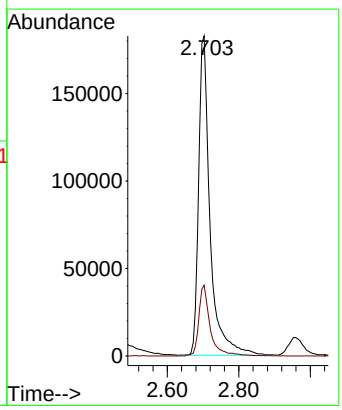


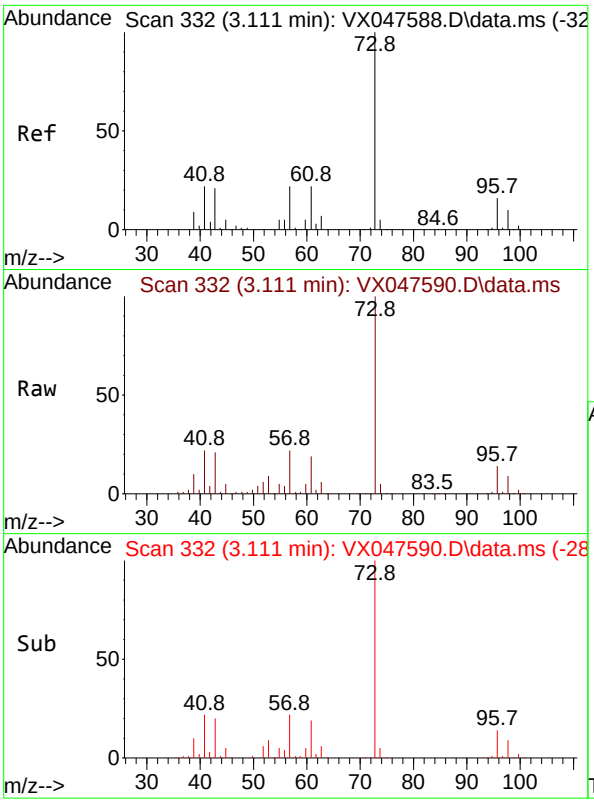


#18
Methyl Acetate
Concen: 171.548 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 404736

Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.4	26.2



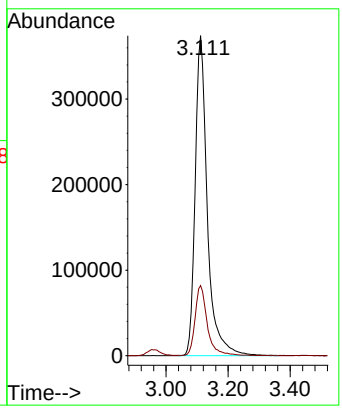


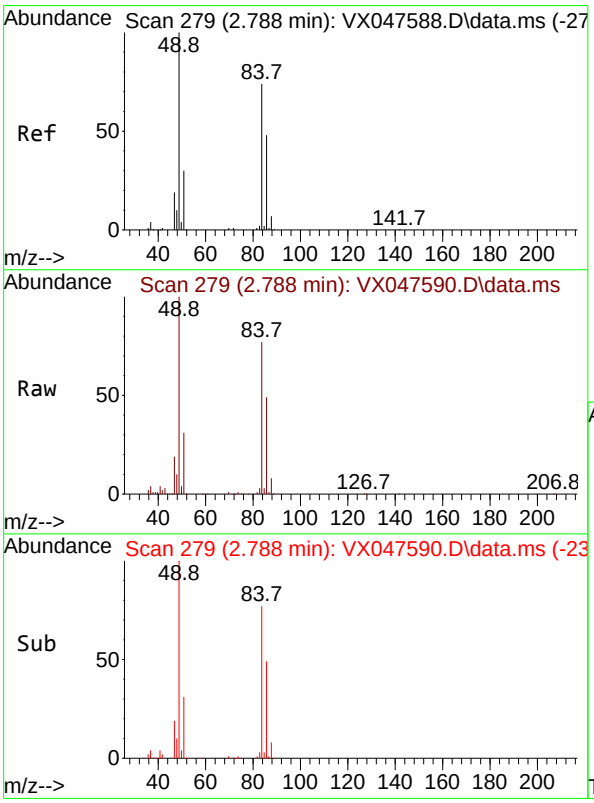
#19
Methyl tert-butyl Ether
Concen: 152.826 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 73 Resp: 1015295

Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.4	26.2

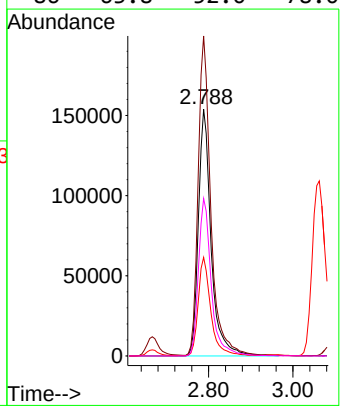


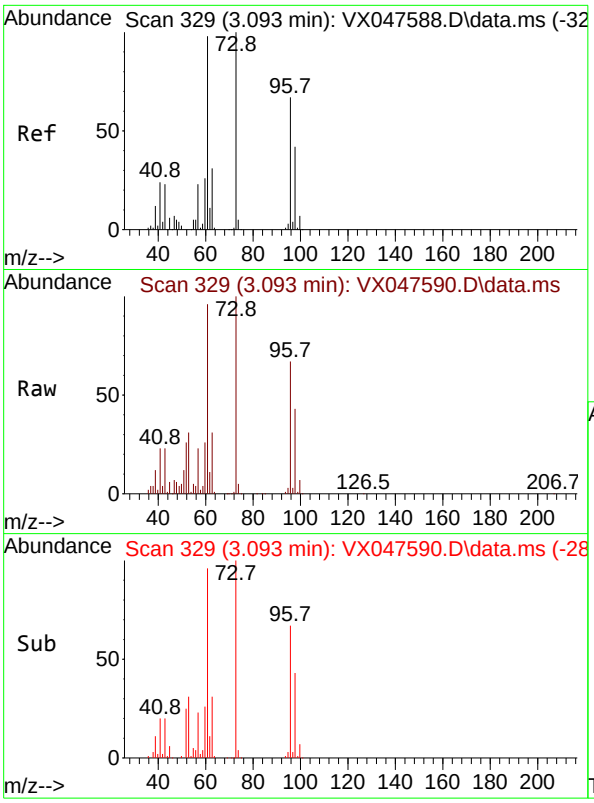


#20
Methylene Chloride
Concen: 144.398 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 84 Resp: 324032

Ion	Ratio	Lower	Upper
84	100		
49	129.4	108.6	162.8
51	39.9	32.6	48.8
86	63.8	52.0	78.0



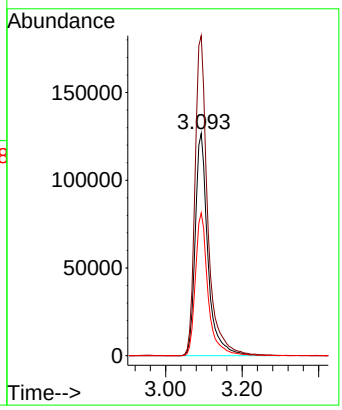


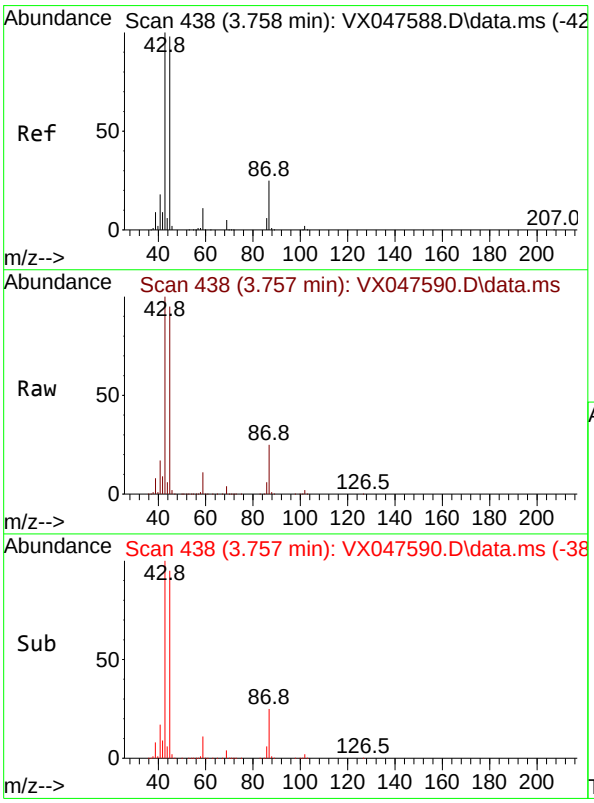
#21
trans-1,2-Dichloroethene
Concen: 148.833 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 291616

Ion	Ratio	Lower	Upper
96	100		
61	144.0	116.2	174.2
98	64.3	49.3	73.9

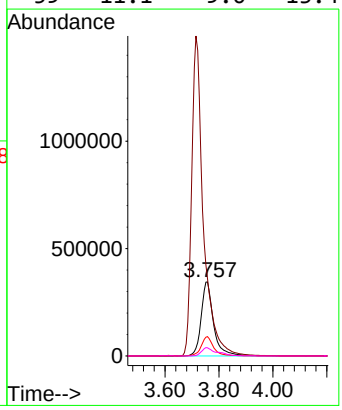


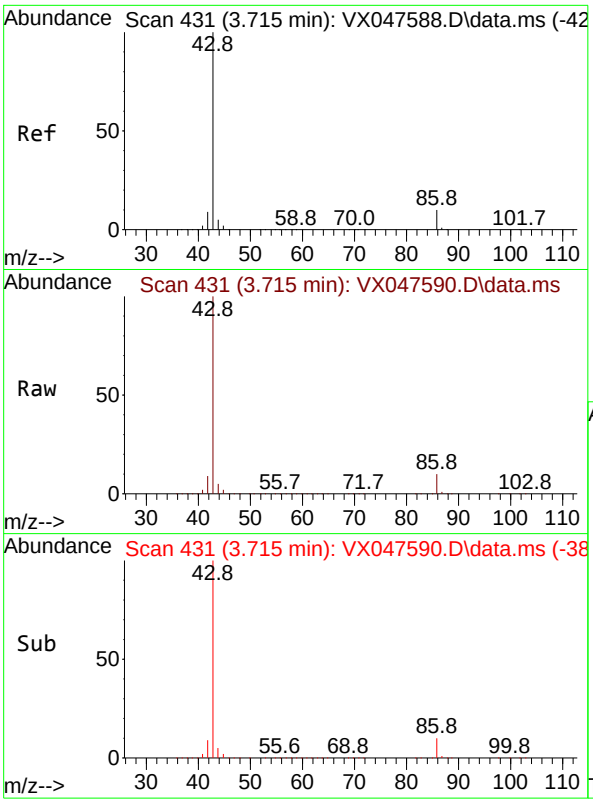


#22
Diisopropyl ether
Concen: 150.551 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 45 Resp: 1095726

Ion	Ratio	Lower	Upper
45	100		
43	104.7	81.0	121.4
87	26.2	20.3	30.5
59	11.1	9.0	13.4



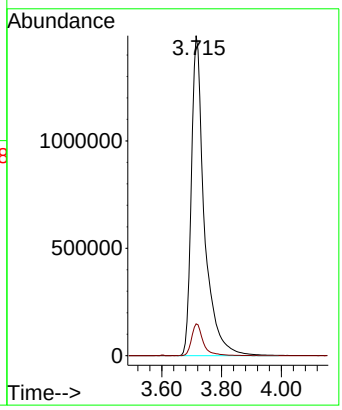


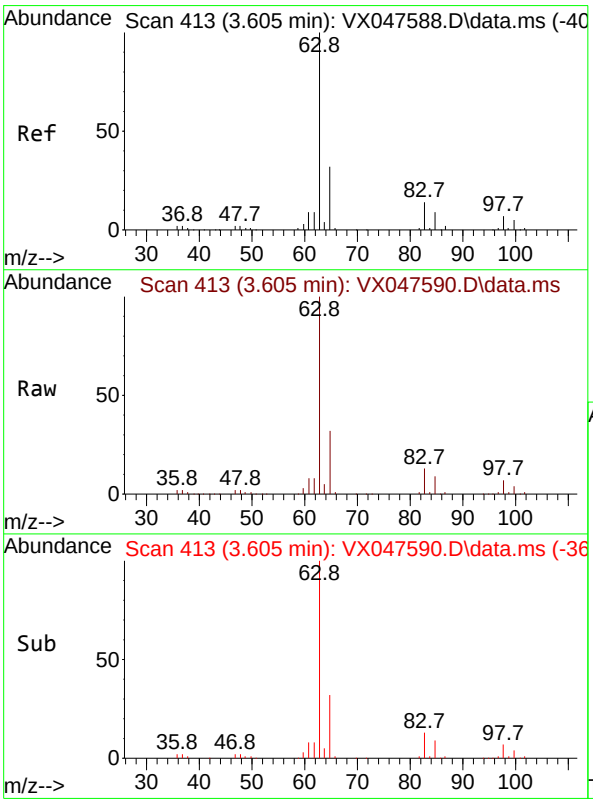
#23
Vinyl Acetate
Concen: 773.364 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 4504849

Ion	Ratio	Lower	Upper
43	100		
86	10.0	7.8	11.8

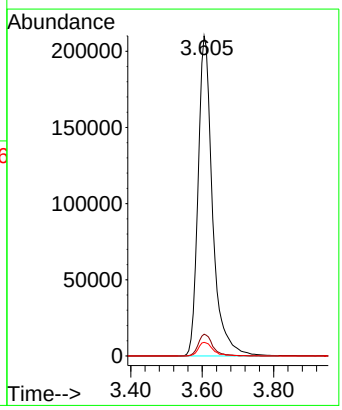


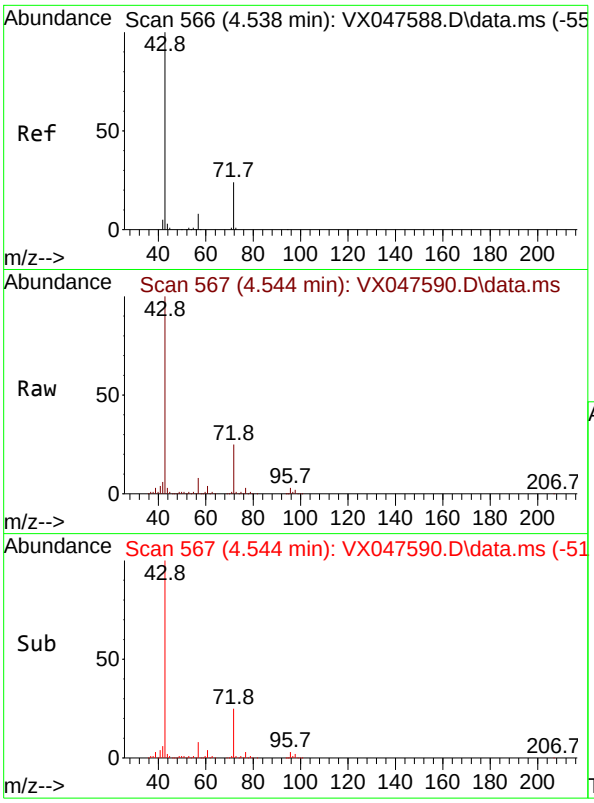


#24
1,1-Dichloroethane
Concen: 151.776 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 63 Resp: 587129

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.8	11.2
100	4.3	2.3	6.9



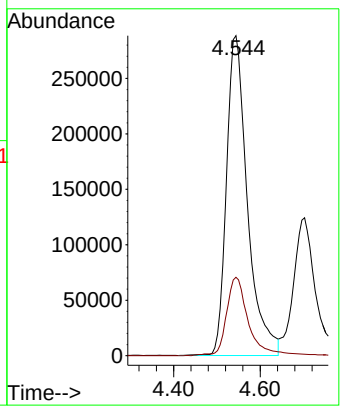


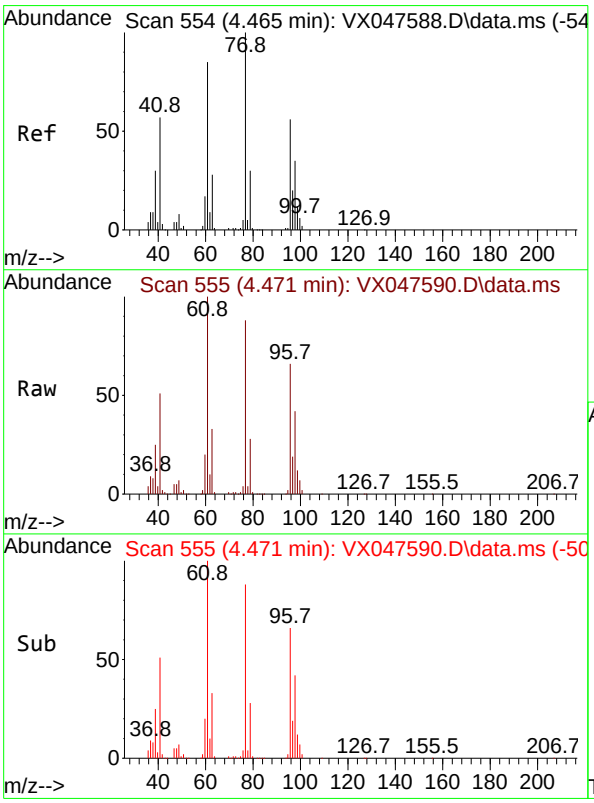
#25
2-Butanone
Concen: 736.502 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 973938

Ion	Ratio	Lower	Upper
43	100		
72	24.6	20.1	30.1

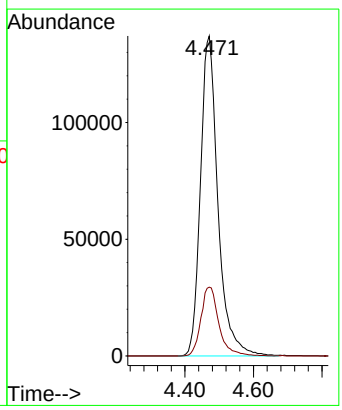


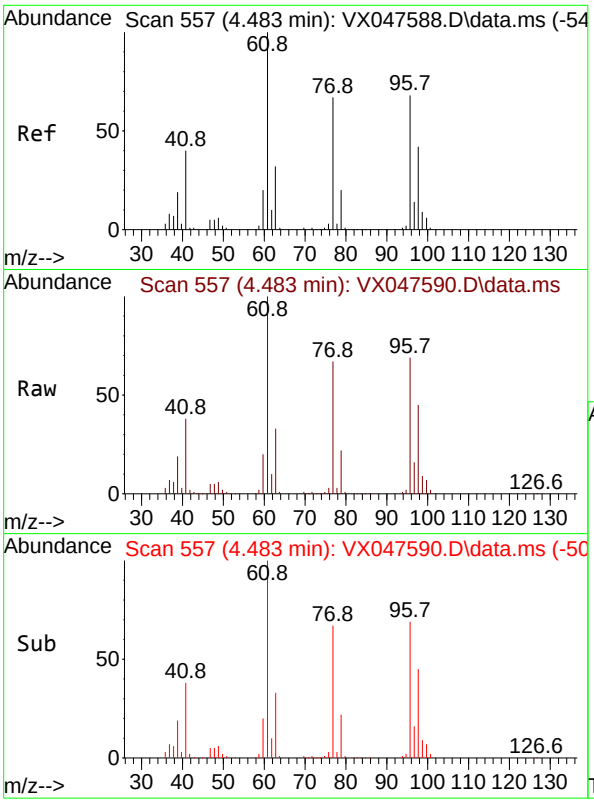


#26
2,2-Dichloropropane
Concen: 151.414 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 77 Resp: 486890

Ion	Ratio	Lower	Upper
77	100		
97	22.1	10.9	32.7



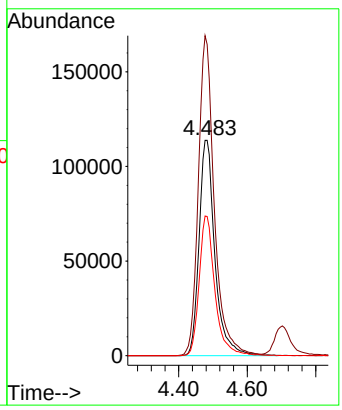


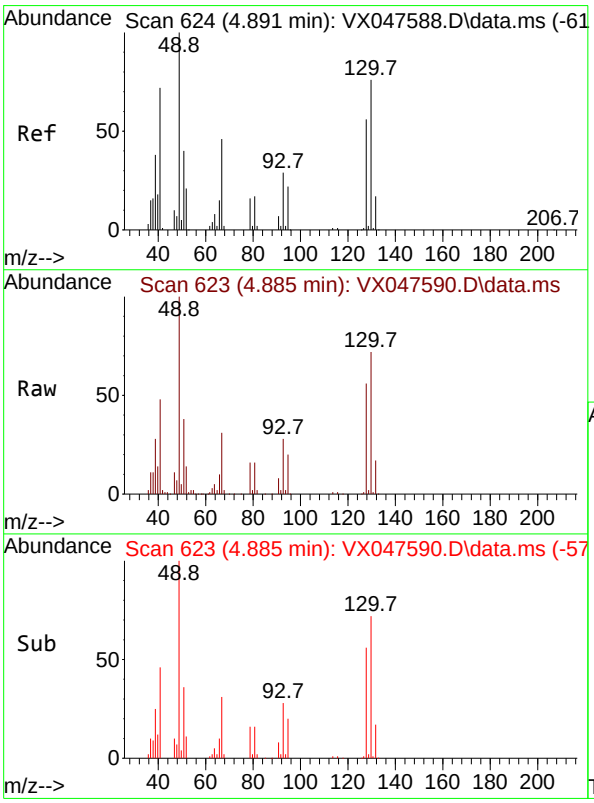
#27
cis-1,2-Dichloroethene
Concen: 152.638 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 366262

Ion	Ratio	Lower	Upper
96	100		
61	149.8	0.0	303.2
98	64.6	0.0	127.8

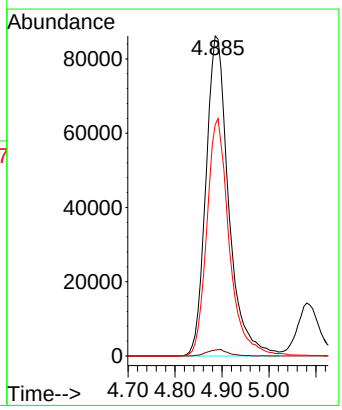


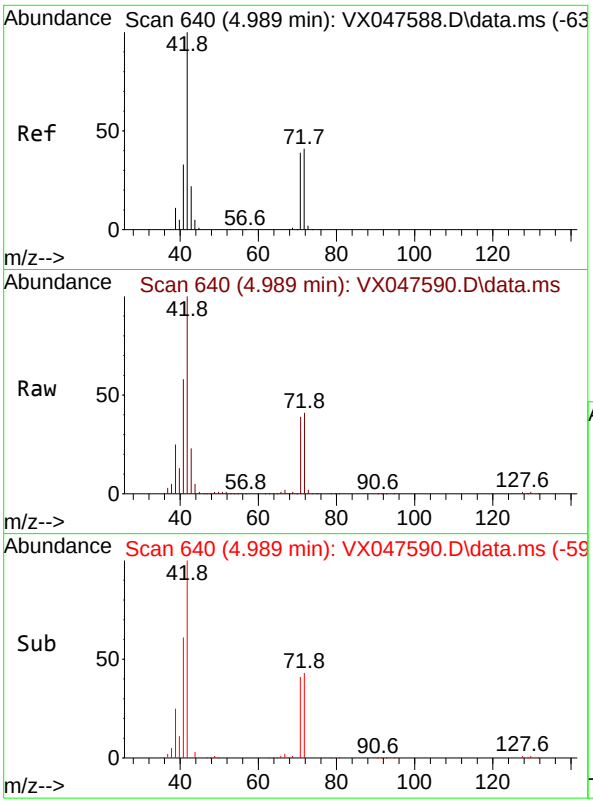


#28
Bromochloromethane
Concen: 171.451 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 49 Resp: 289548

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.2
130	73.2	57.8	86.8



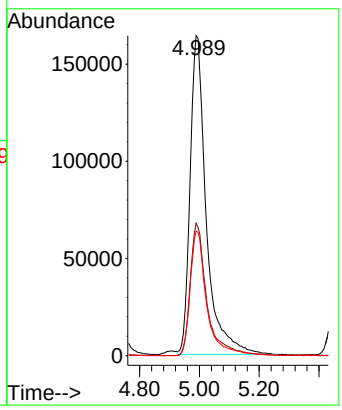


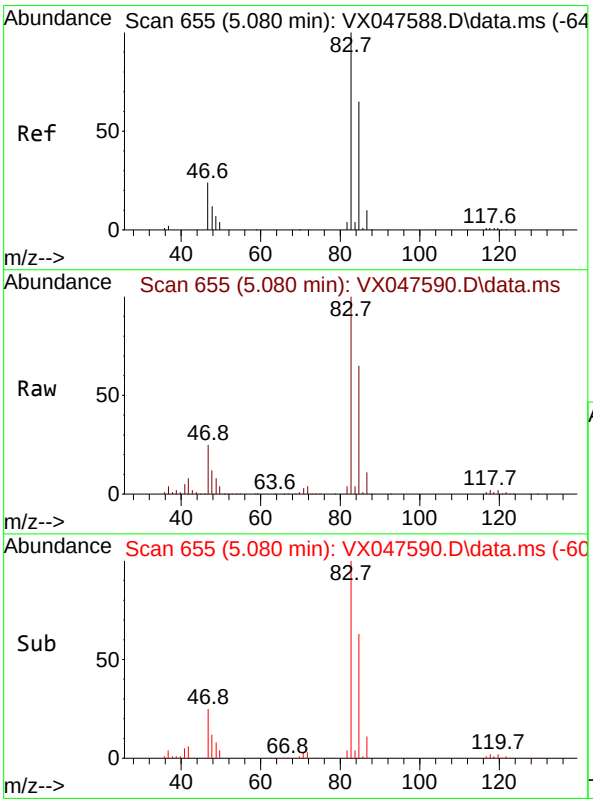
#29
Tetrahydrofuran
Concen: 774.811 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 42 Resp: 616374

Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.2	51.2
71	39.9	31.9	47.9

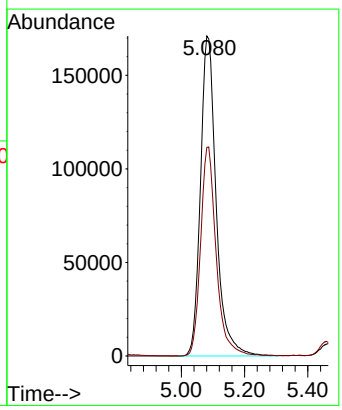


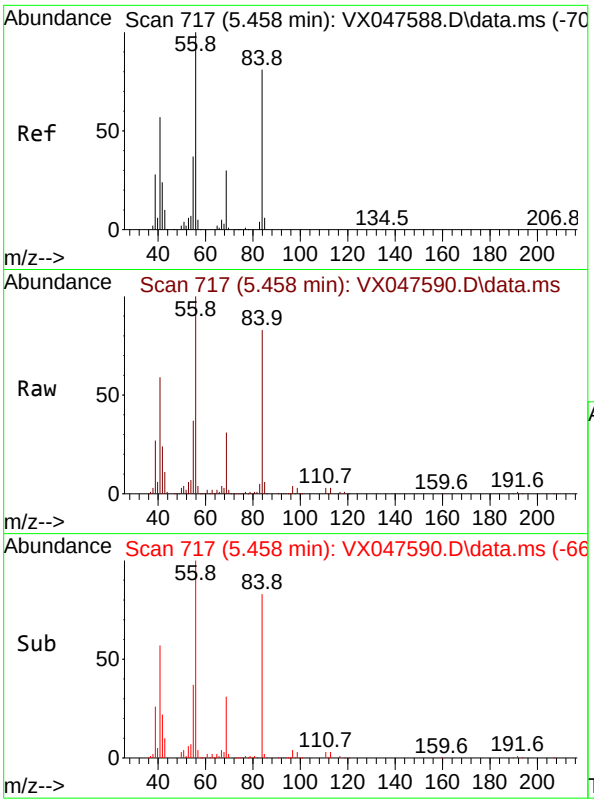


#30
Chloroform
Concen: 151.367 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 83 Resp: 591709

Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.8	77.6



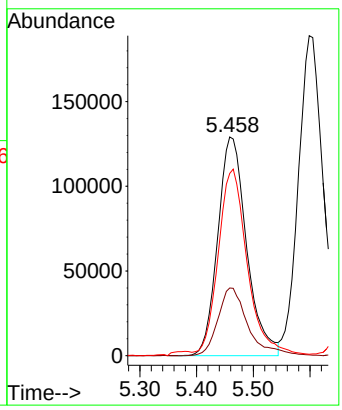


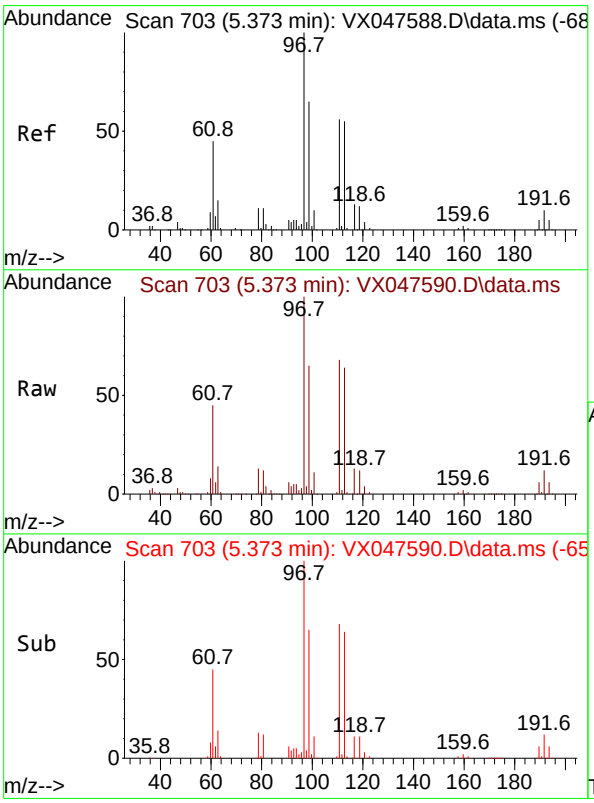
#31
Cyclohexane
Concen: 141.570 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 456119

Ion	Ratio	Lower	Upper
56	100		
69	30.5	23.8	35.8
84	81.5	64.6	97.0

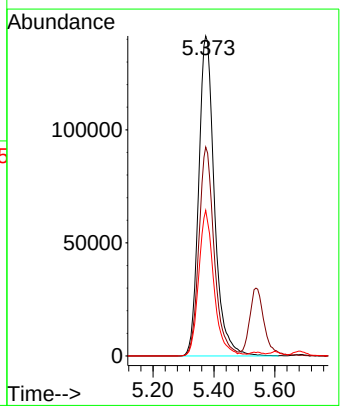


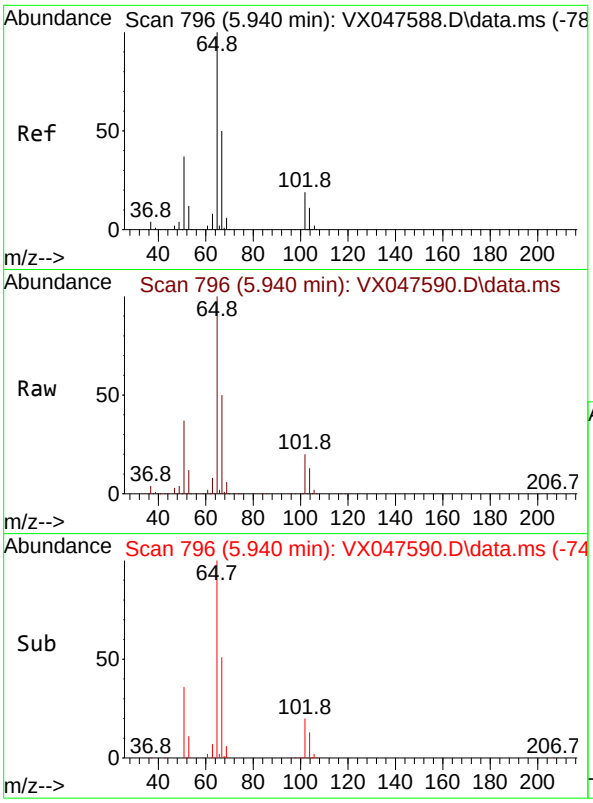


#32
1,1,1-Trichloroethane
Concen: 152.802 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 97 Resp: 506654

Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.6	76.0
61	44.2	35.8	53.8



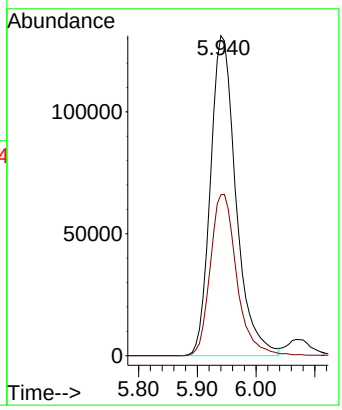


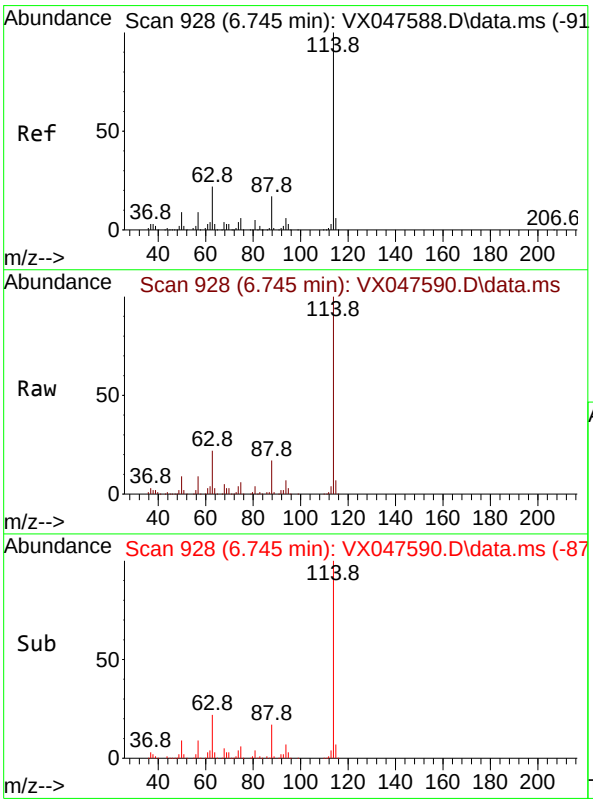
#33
1,2-Dichloroethane-d4
Concen: 162.673 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 65 Resp: 396627

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.0

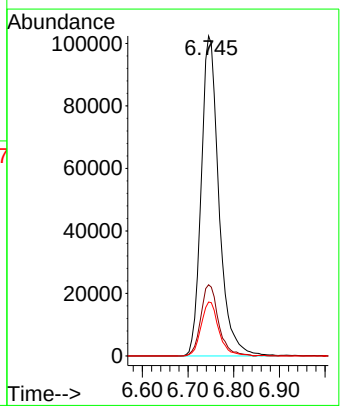


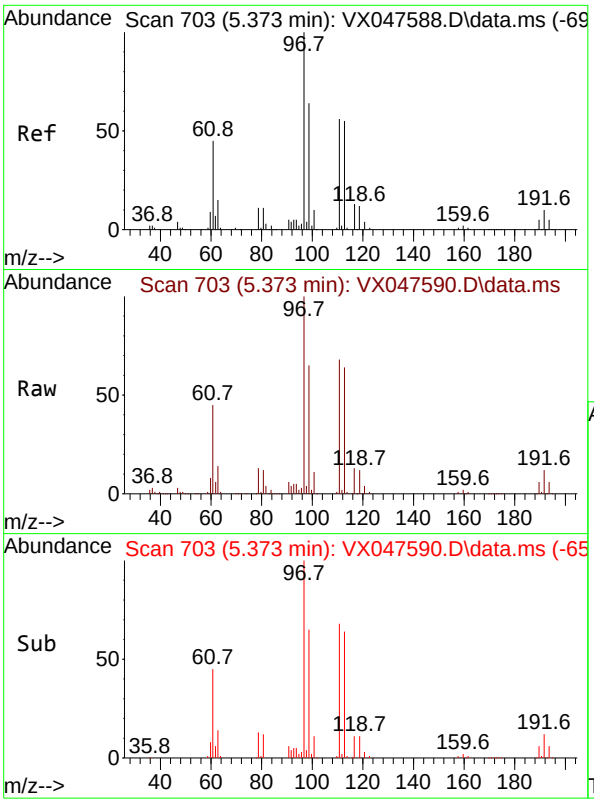


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:114 Resp: 274804

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.0
88	16.8	0.0	34.2



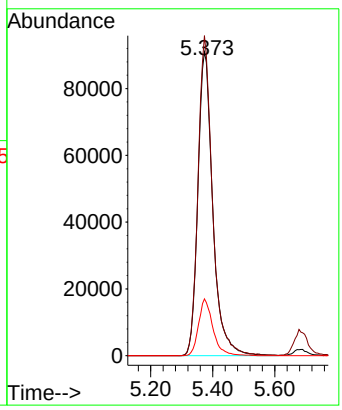


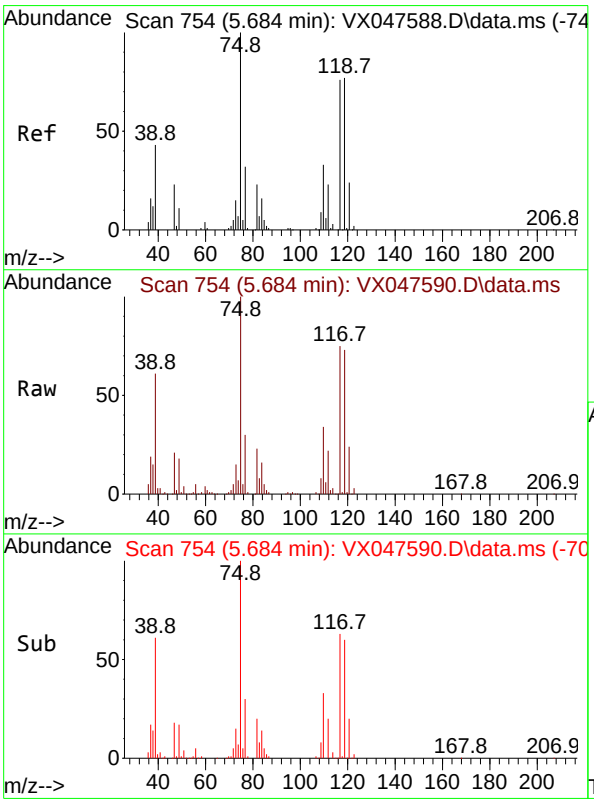
#35
Dibromofluoromethane
Concen: 164.802 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:113 Resp: 303728

Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.9	121.3
192	18.1	14.2	21.4

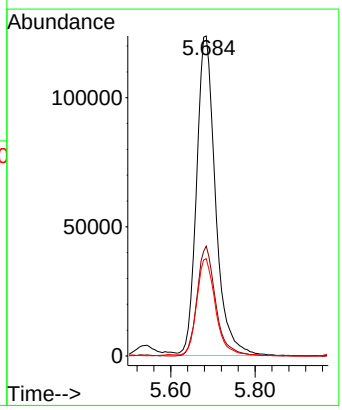


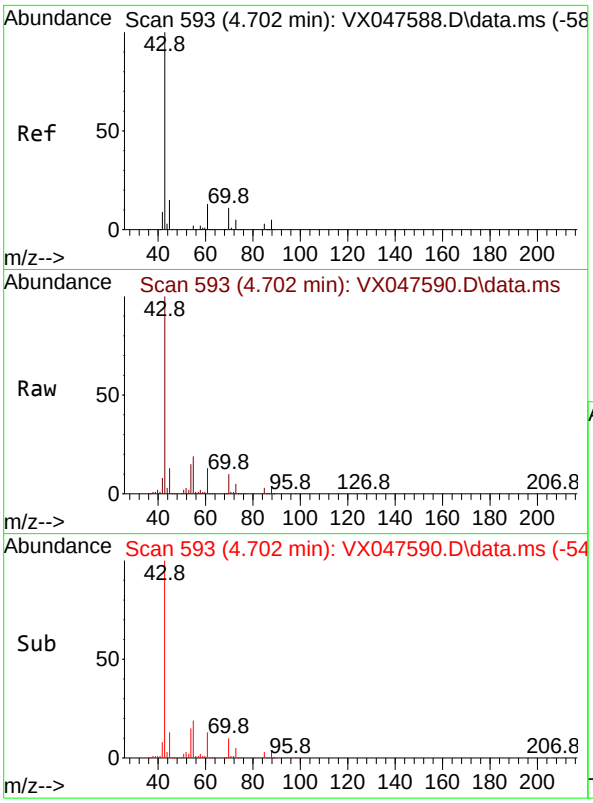


#36
1,1-Dichloropropene
Concen: 143.556 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 75 Resp: 386601

Ion	Ratio	Lower	Upper
75	100		
110	33.9	16.7	50.1
77	30.6	24.3	36.5



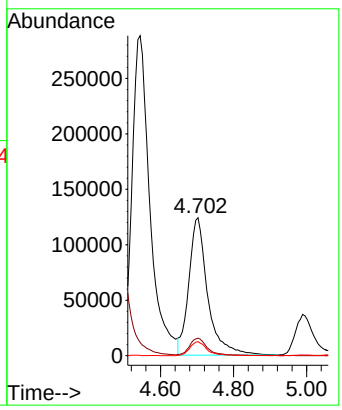


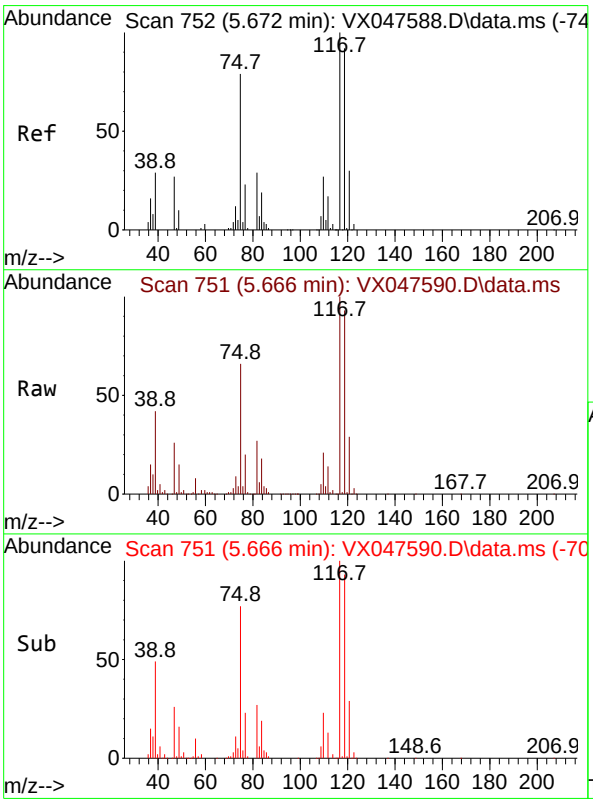
#37
Ethyl Acetate
Concen: 154.141 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 444461

Ion	Ratio	Lower	Upper
43	100		
61	12.1	9.8	14.8
70	9.5	7.9	11.9

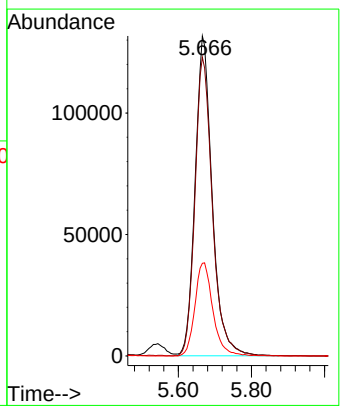


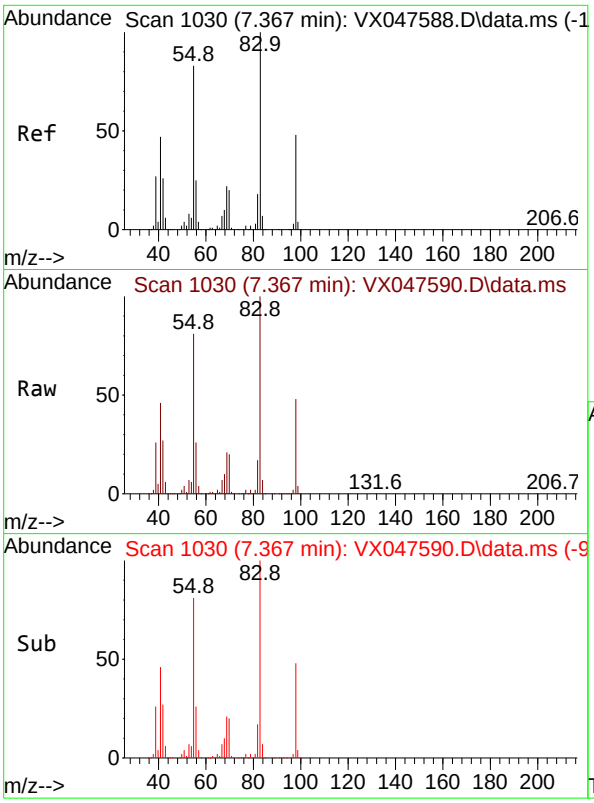


#38
Carbon Tetrachloride
Concen: 146.021 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:117 Resp: 427263

Ion	Ratio	Lower	Upper
117	100		
119	93.3	73.4	110.2
121	29.0	23.8	35.6



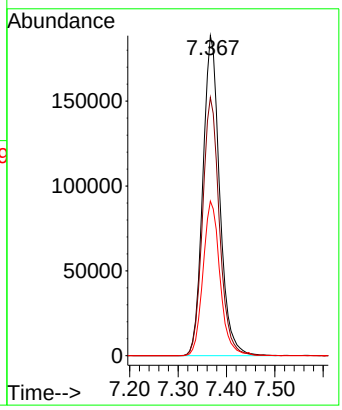


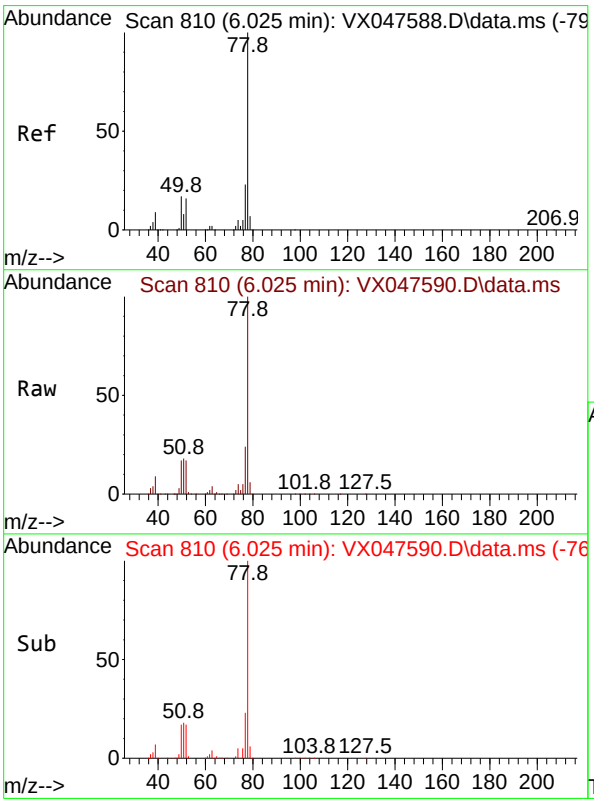
#39
Methylcyclohexane
Concen: 149.395 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 456694

Ion	Ratio	Lower	Upper
83	100		
55	80.7	66.4	99.6
98	48.3	38.1	57.1

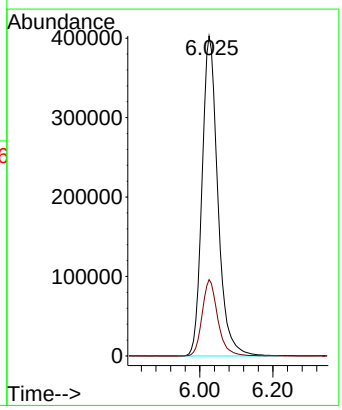


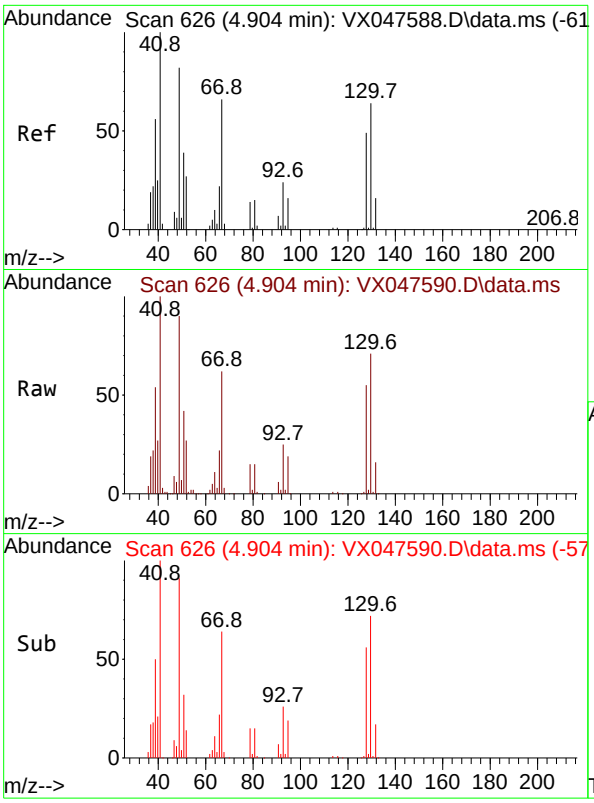


#40
Benzene
Concen: 147.057 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 78 Resp: 1202846

Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.8	28.2



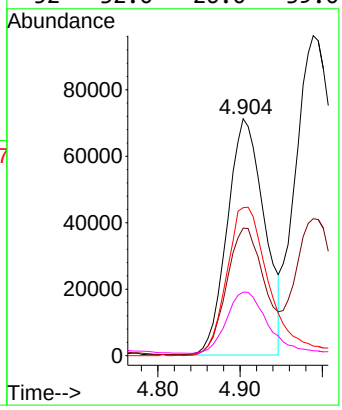


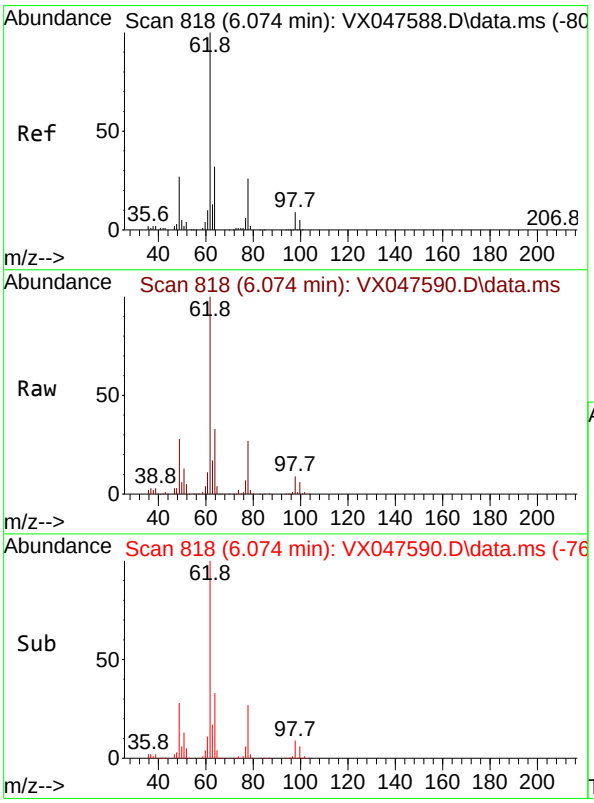
#41
Methacrylonitrile
Concen: 149.951 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 41 Resp: 223218

Ion	Ratio	Lower	Upper
41	100		
39	54.5	43.3	64.9
67	74.6	58.6	87.8
52	32.0	26.0	39.0

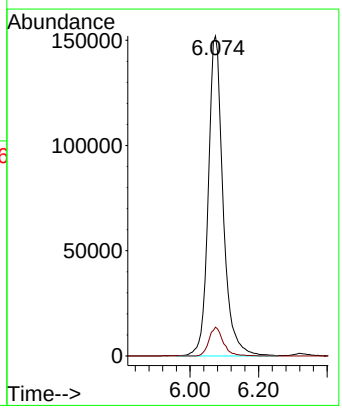


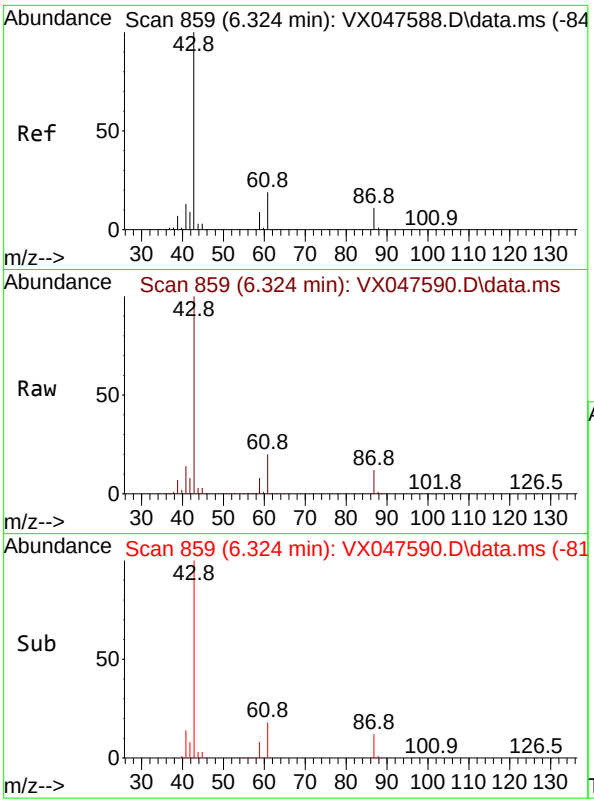


#42
1,2-Dichloroethane
Concen: 146.515 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 62 Resp: 455978

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0



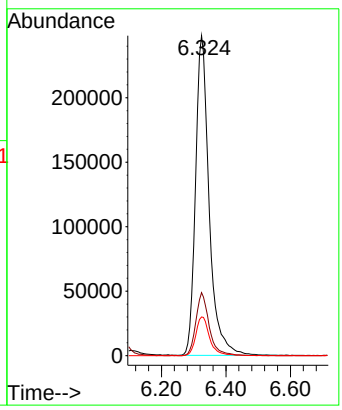


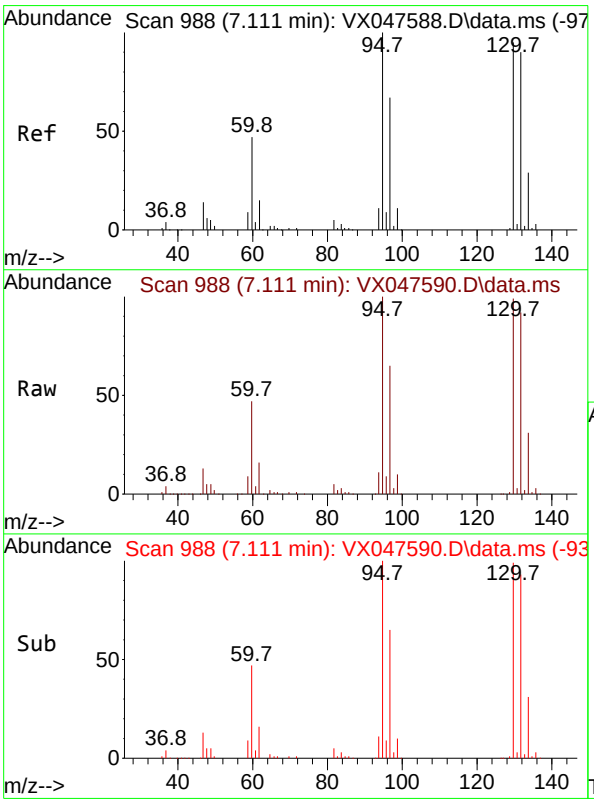
#43
Isopropyl Acetate
Concen: 153.283 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 724888

Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.2	22.8
87	12.3	9.6	14.4

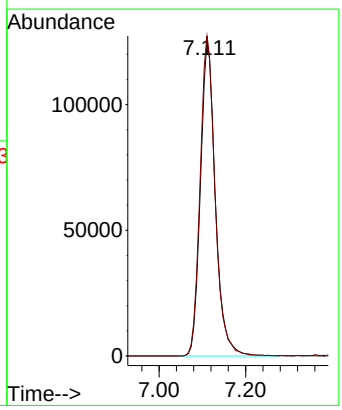


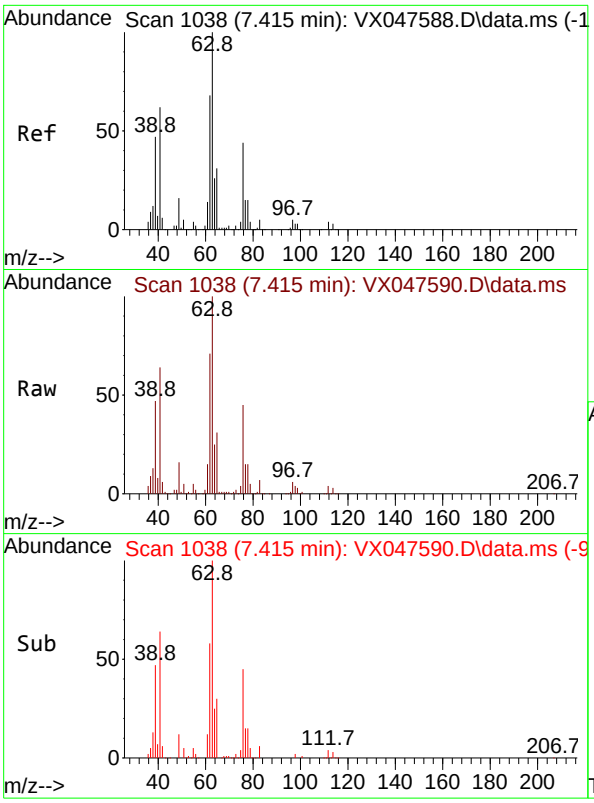


#44
Trichloroethene
Concen: 151.542 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:130 Resp: 299673

Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	210.8



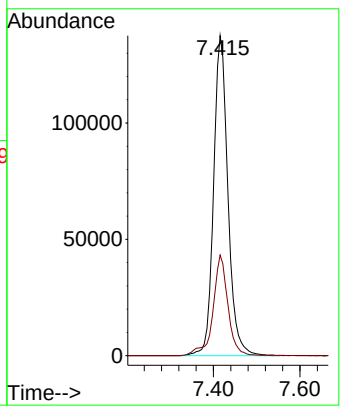


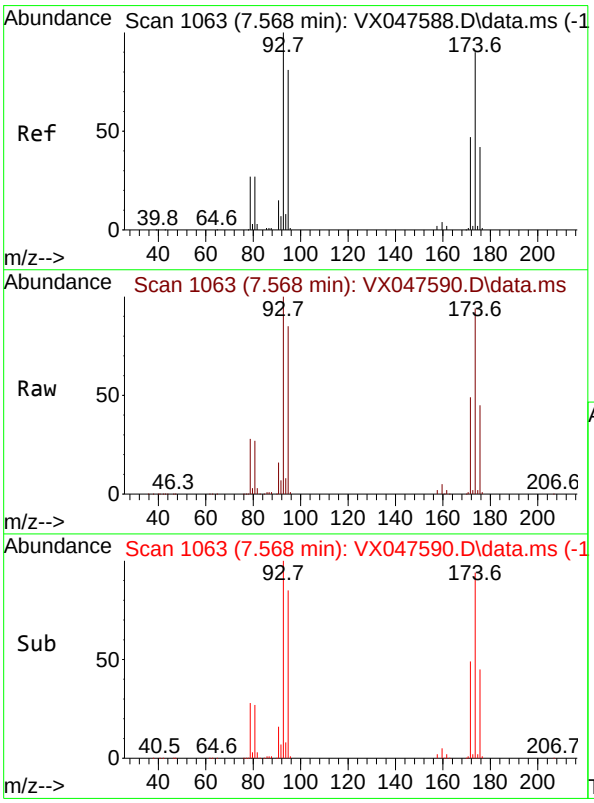
#45
1,2-Dichloropropane
Concen: 151.219 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 316720

Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.7	37.1

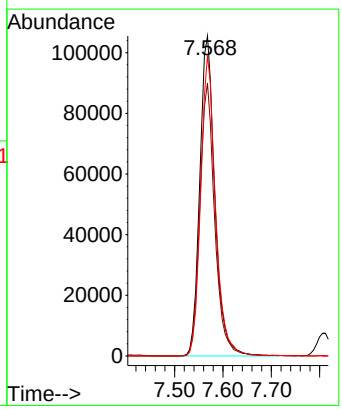


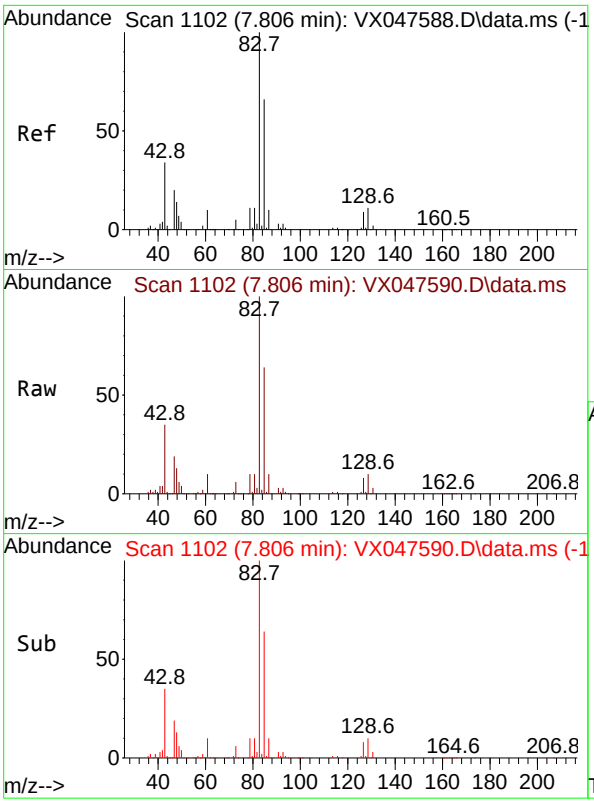


#46
Dibromomethane
Concen: 149.954 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 93 Resp: 228550

Ion	Ratio	Lower	Upper
93	100		
95	84.2	65.0	97.6
174	92.5	71.6	107.4



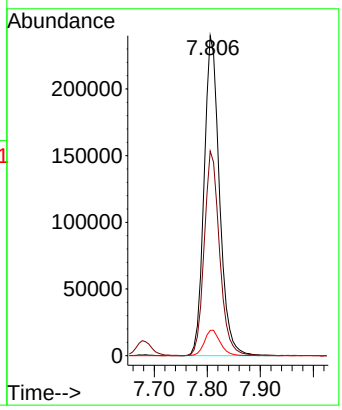


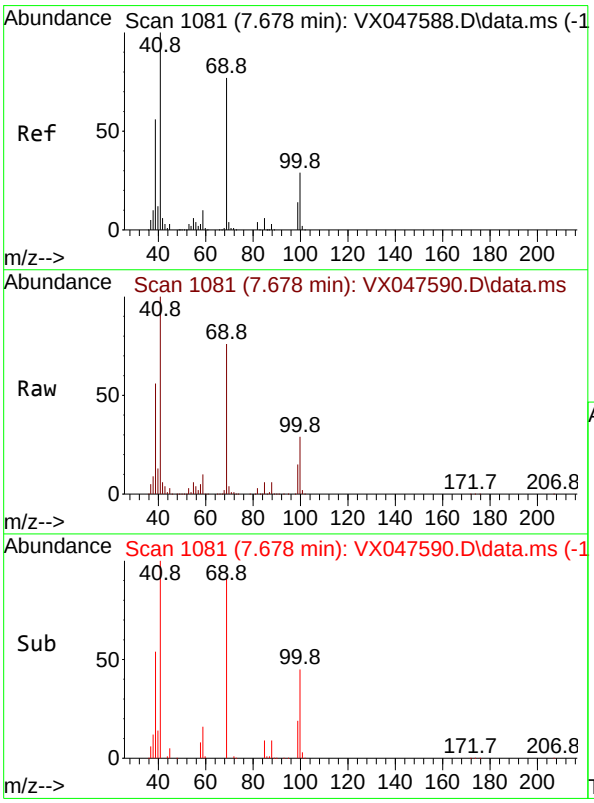
#47
Bromodichloromethane
Concen: 153.710 ug/l
RT: 7.806 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 483438

Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.5	78.7
127	7.9	6.9	10.3

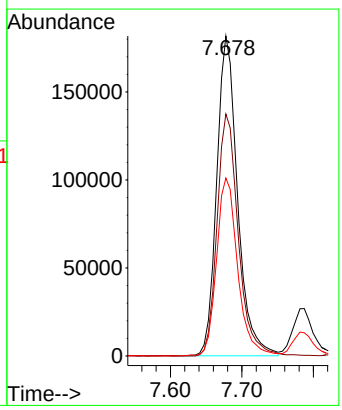


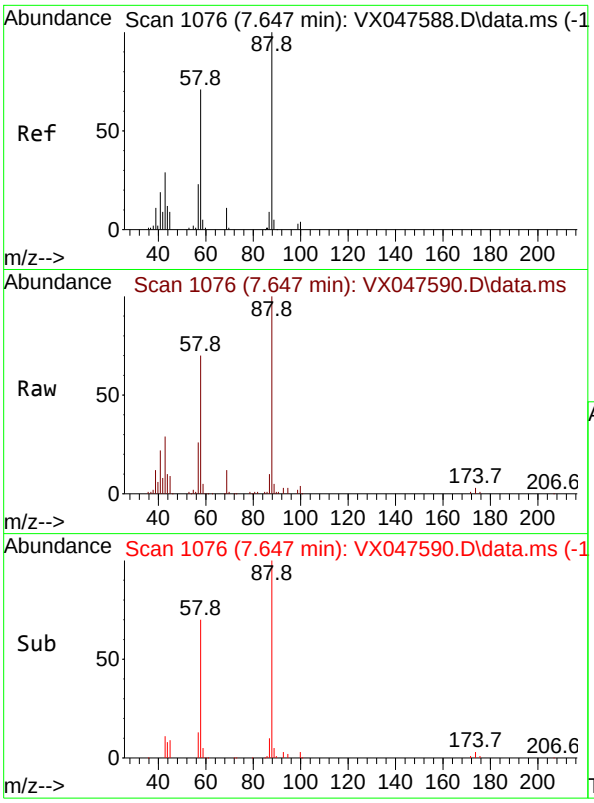


#48
Methyl methacrylate
Concen: 156.194 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 41 Resp: 367931

Ion	Ratio	Lower	Upper
41	100		
69	77.2	61.4	92.2
39	56.5	45.8	68.6



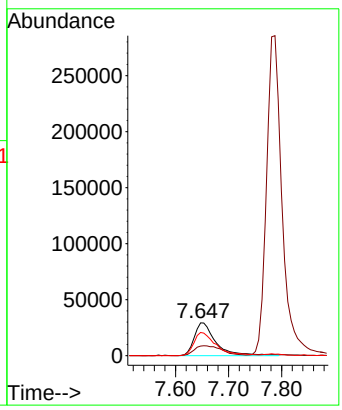


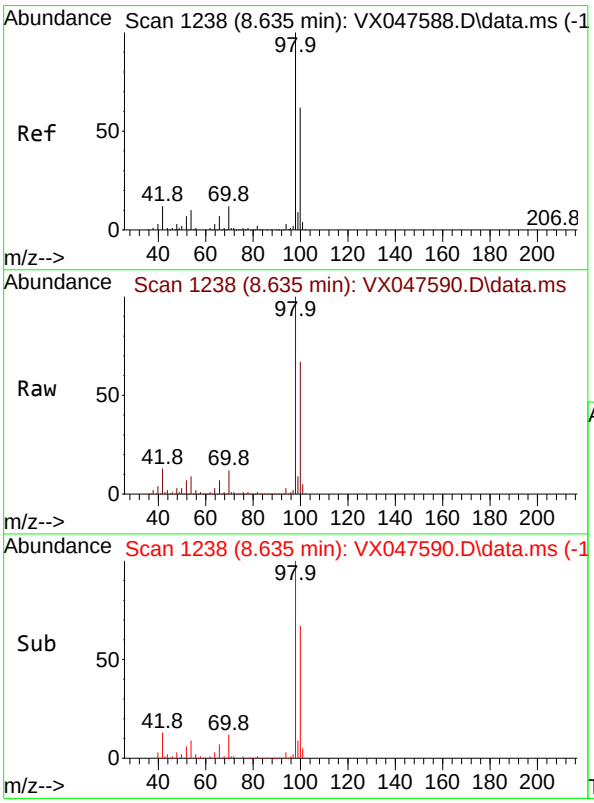
#49
1,4-Dioxane
Concen: 3475.565 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 88 Resp: 82739

Ion	Ratio	Lower	Upper
88	100		
43	38.5	30.2	45.2
58	73.0	59.5	89.3

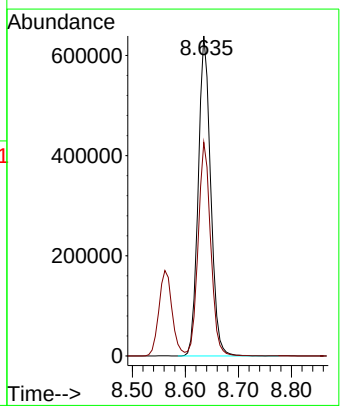


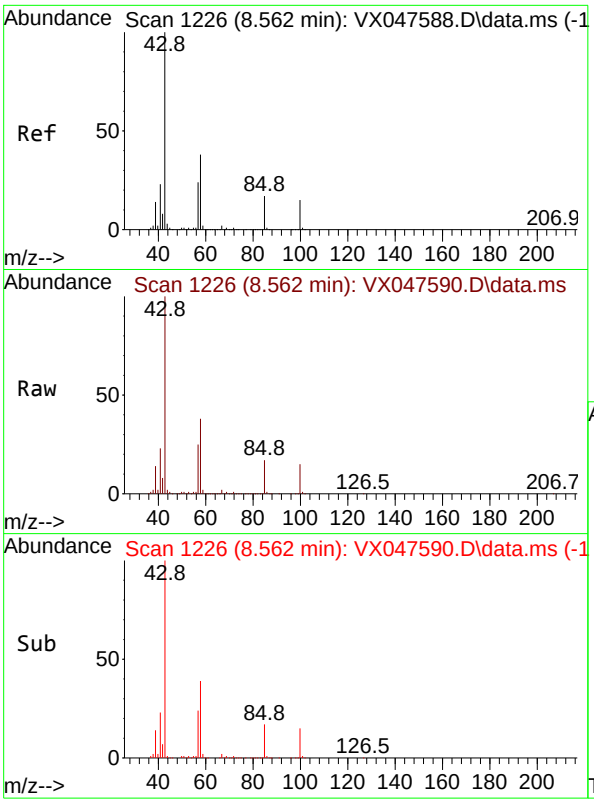


#50
Toluene-d8
Concen: 163.253 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 98 Resp: 1041079

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.0	79.4



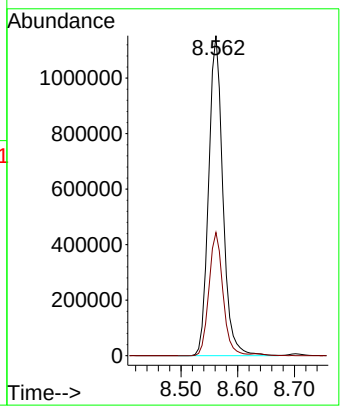


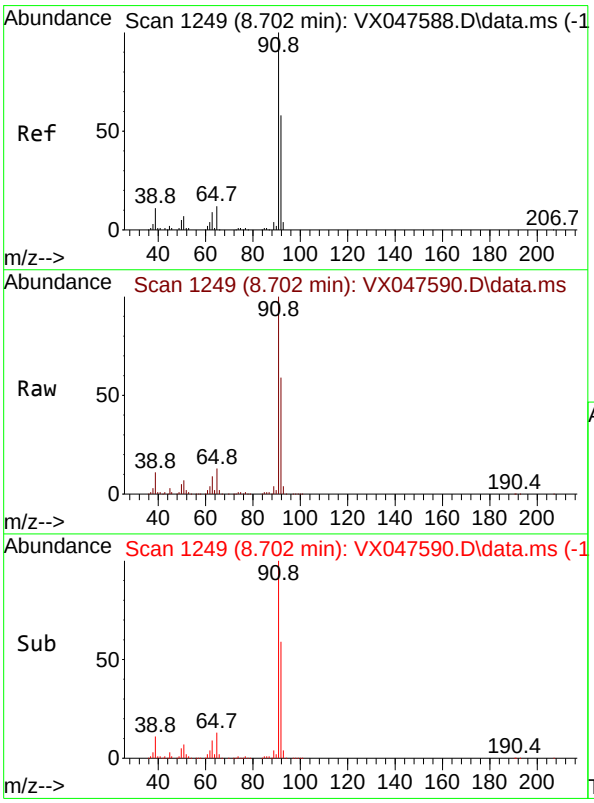
#51
4-Methyl-2-Pentanone
Concen: 765.849 ug/l
RT: 8.562 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 2008063

Ion	Ratio	Lower	Upper
43	100		
58	38.0	30.3	45.5

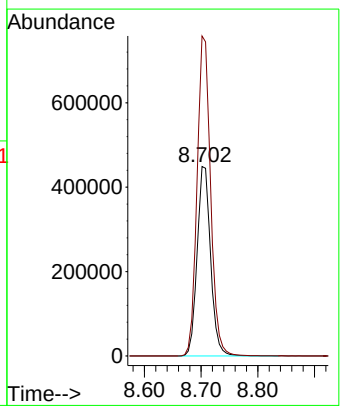


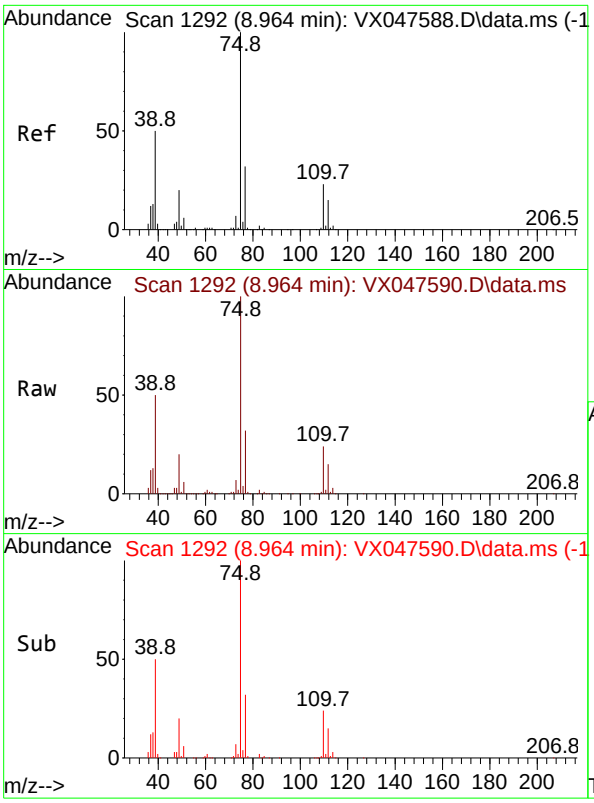


#52
Toluene
Concen: 146.712 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 92 Resp: 739332

Ion	Ratio	Lower	Upper
92	100		
91	169.5	137.1	205.7



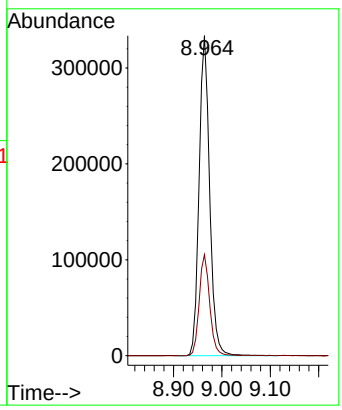


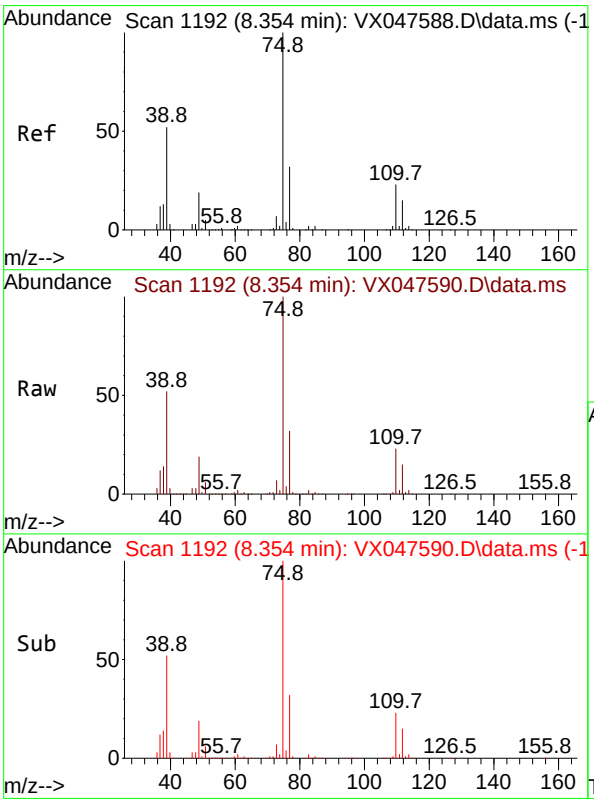
#53
t-1,3-Dichloropropene
Concen: 157.076 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 503912

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.4	38.2

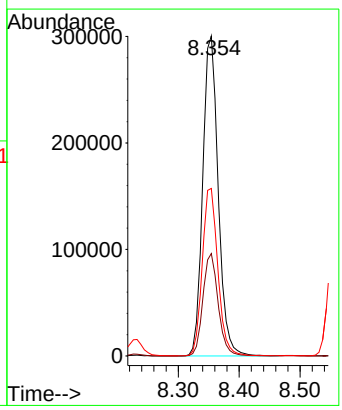


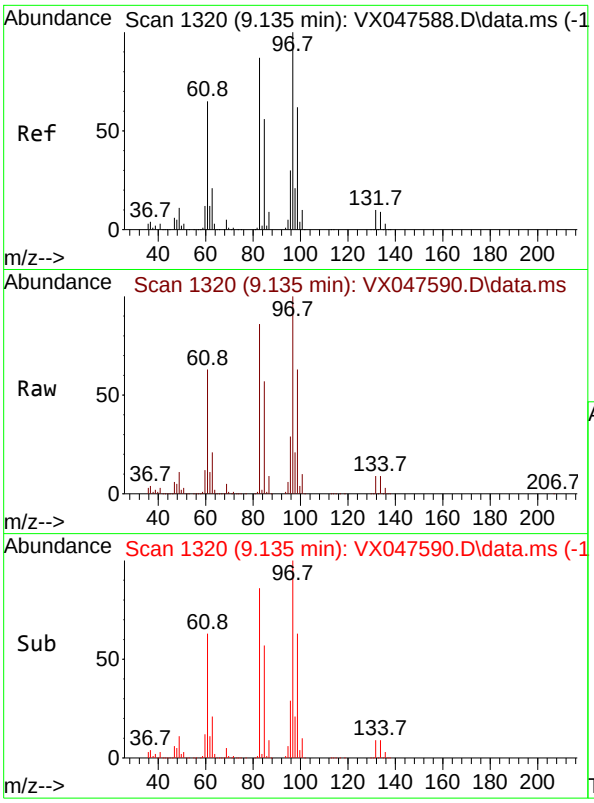


#54
cis-1,3-Dichloropropene
Concen: 154.732 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 75 Resp: 530566

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.8	38.6
39	52.3	41.4	62.2



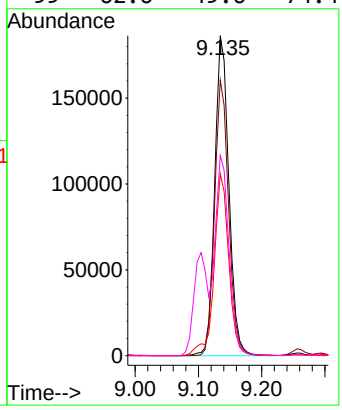


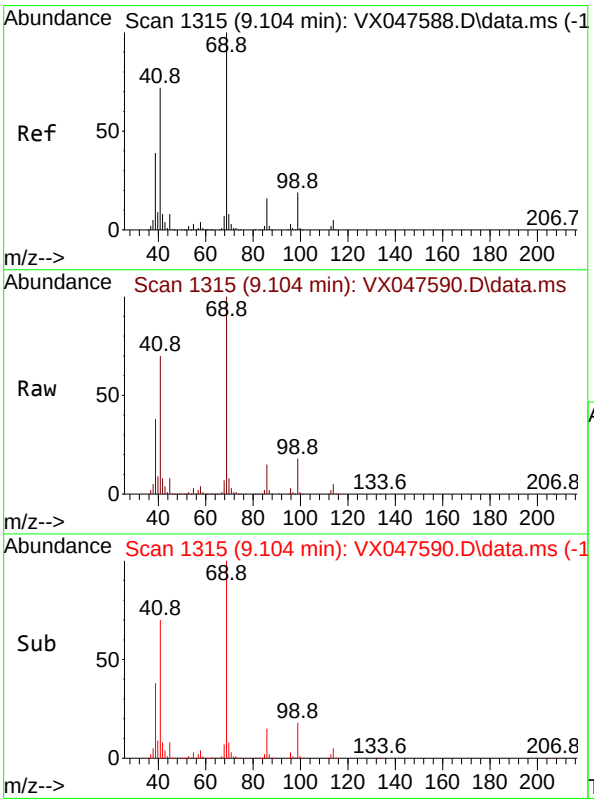
#55
1,1,2-Trichloroethane
Concen: 148.781 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 97 Resp: 289103

Ion	Ratio	Lower	Upper
97	100		
83	86.1	69.6	104.4
85	56.8	45.0	67.6
99	62.6	49.6	74.4

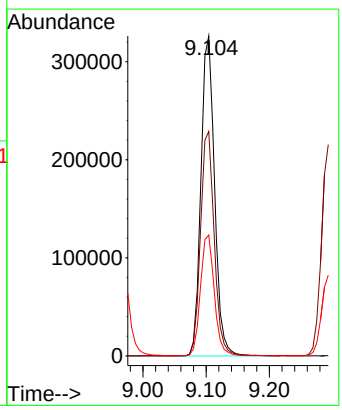


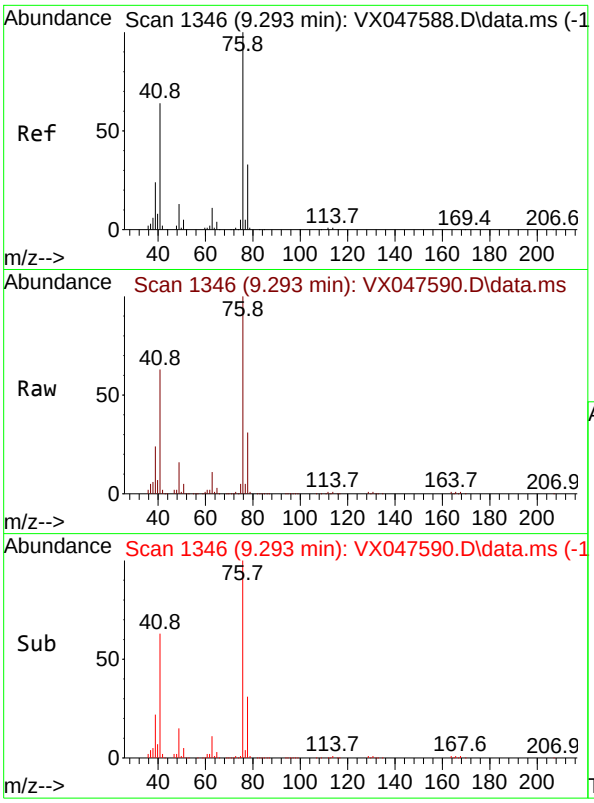


#56
Ethyl methacrylate
Concen: 160.773 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 69 Resp: 490623

Ion	Ratio	Lower	Upper
69	100		
41	70.5	58.6	87.8
39	38.2	31.5	47.3



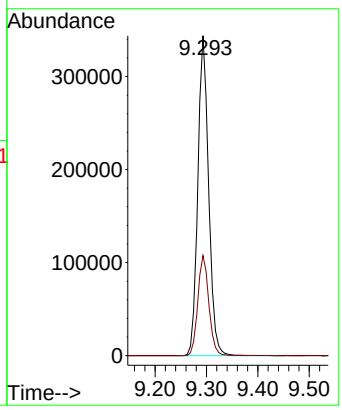


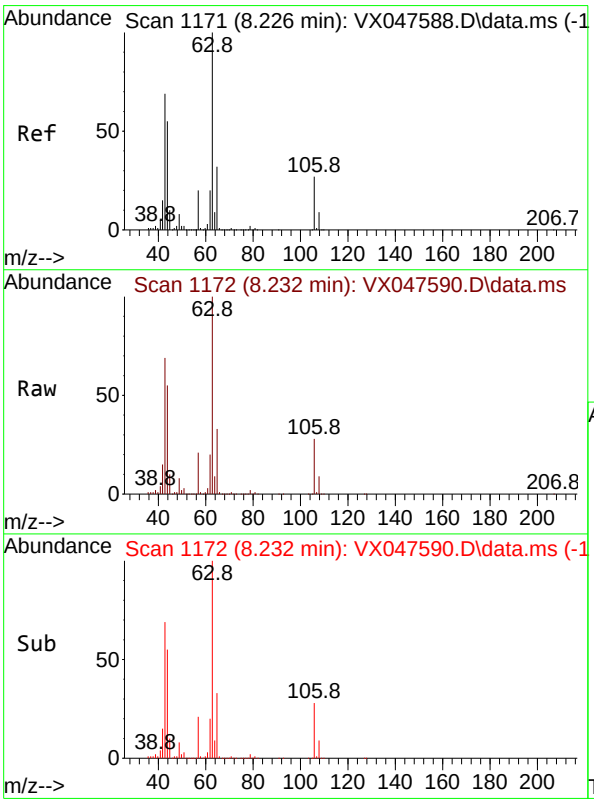
#57
1,3-Dichloropropane
Concen: 150.426 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 502121

Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.2	39.4

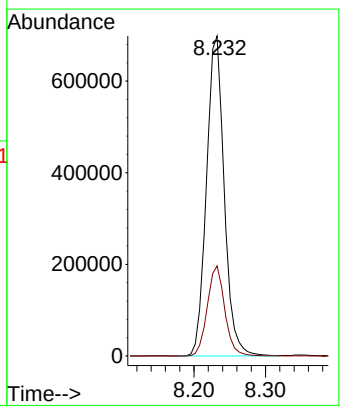


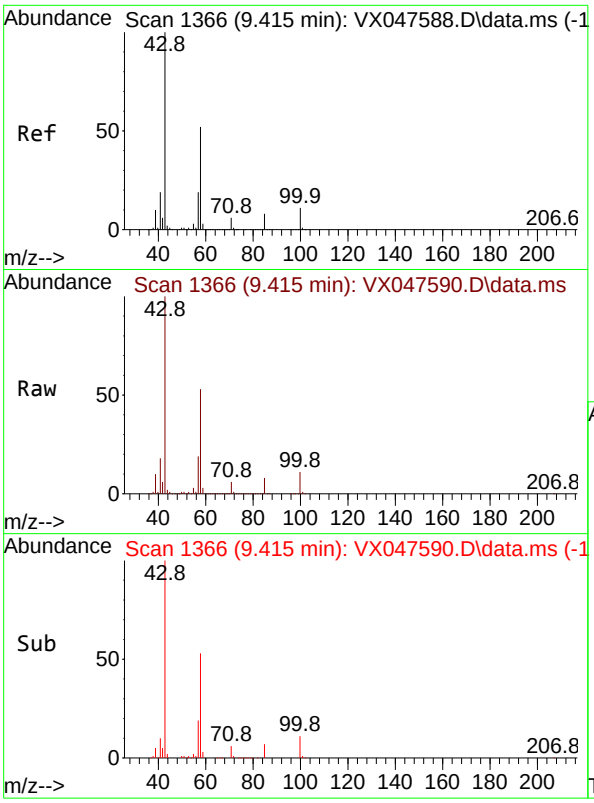


#58
2-Chloroethyl Vinyl ether
Concen: 749.661 ug/l
RT: 8.232 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 63 Resp: 1202206

Ion	Ratio	Lower	Upper
63	100		
106	27.7	21.9	32.9



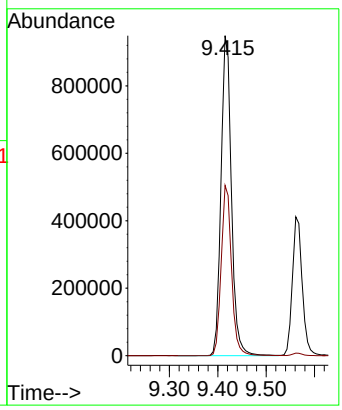


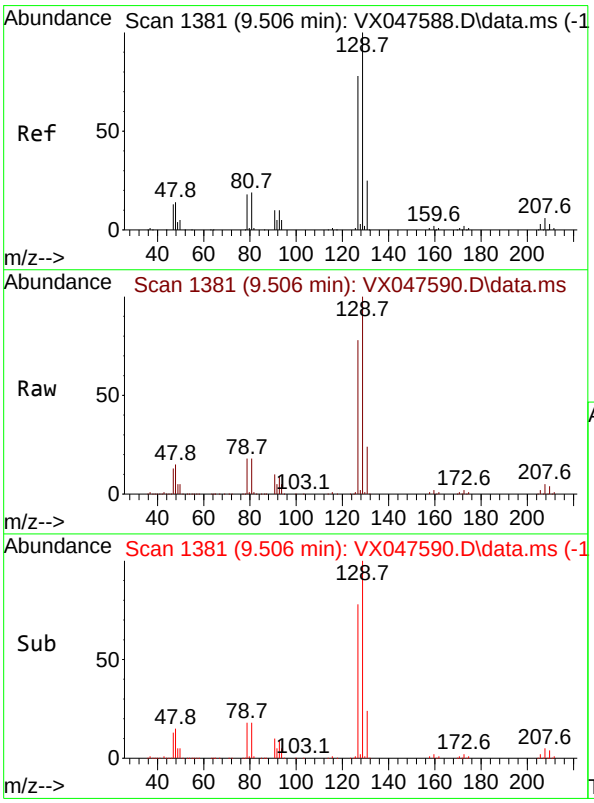
#59
2-Hexanone
Concen: 750.035 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1412417

Ion	Ratio	Lower	Upper
43	100		
58	52.9	26.1	78.2

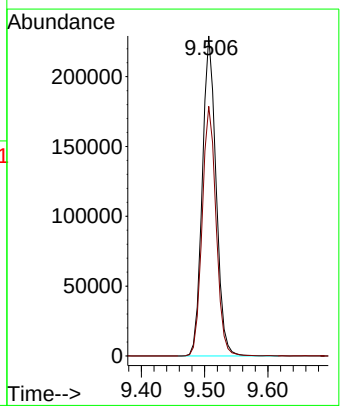


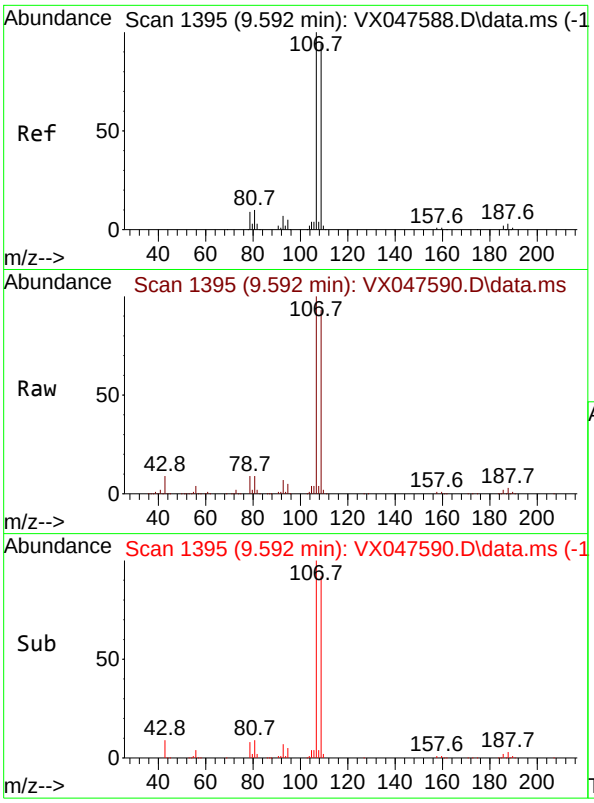


#60
Dibromochloromethane
Concen: 155.318 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:129 Resp: 347748

Ion	Ratio	Lower	Upper
129	100		
127	78.7	38.4	115.2



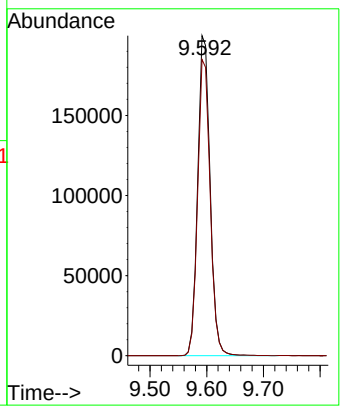


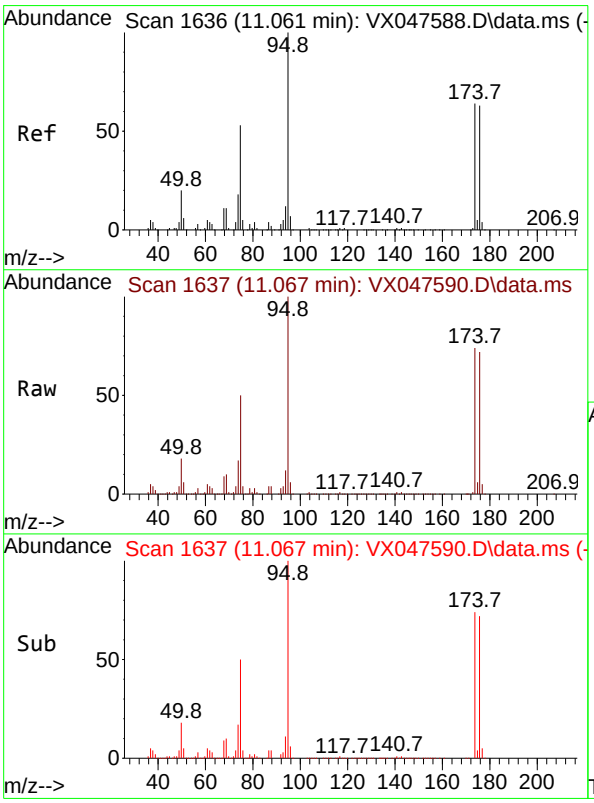
#61
1,2-Dibromoethane
Concen: 152.949 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:107 Resp: 302715

Ion	Ratio	Lower	Upper
107	100		
109	93.5	75.3	112.9

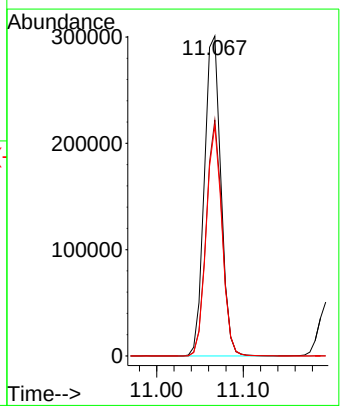


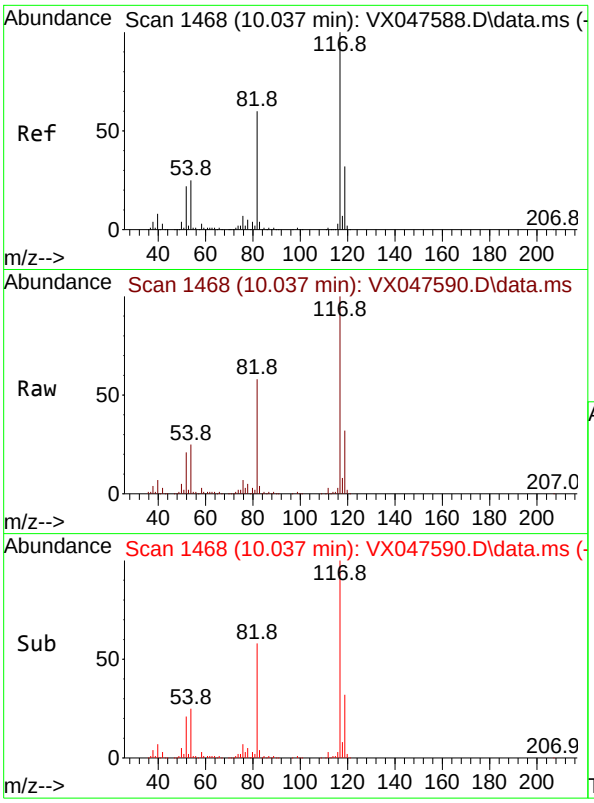


#62
4-Bromofluorobenzene
Concen: 165.020 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 95 Resp: 399386

Ion	Ratio	Lower	Upper
95	100		
174	70.7	0.0	141.6
176	68.5	0.0	138.4



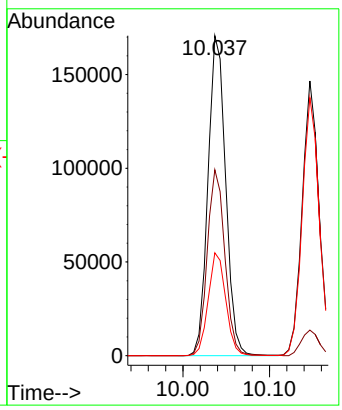


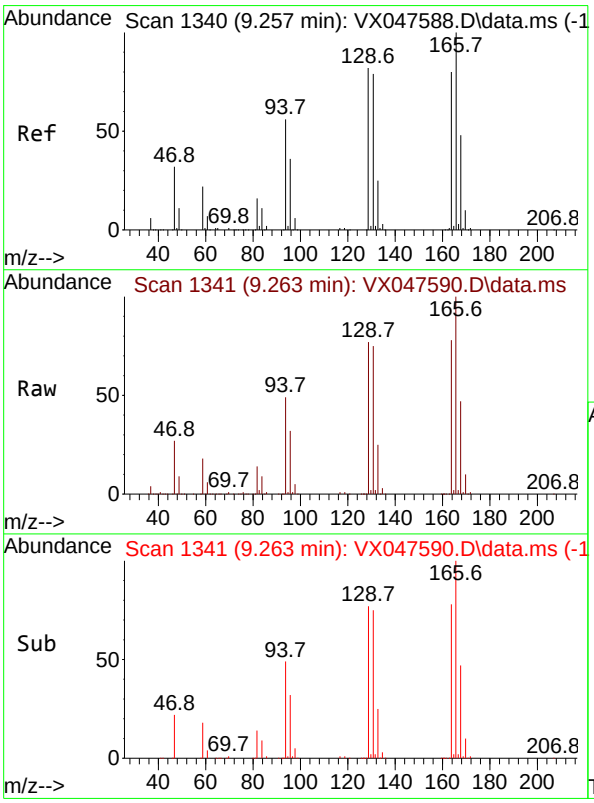
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:117 Resp: 241818

Ion	Ratio	Lower	Upper
117	100		
82	58.1	47.8	71.6
119	32.2	25.2	37.8

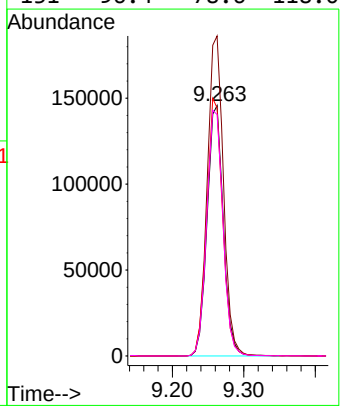


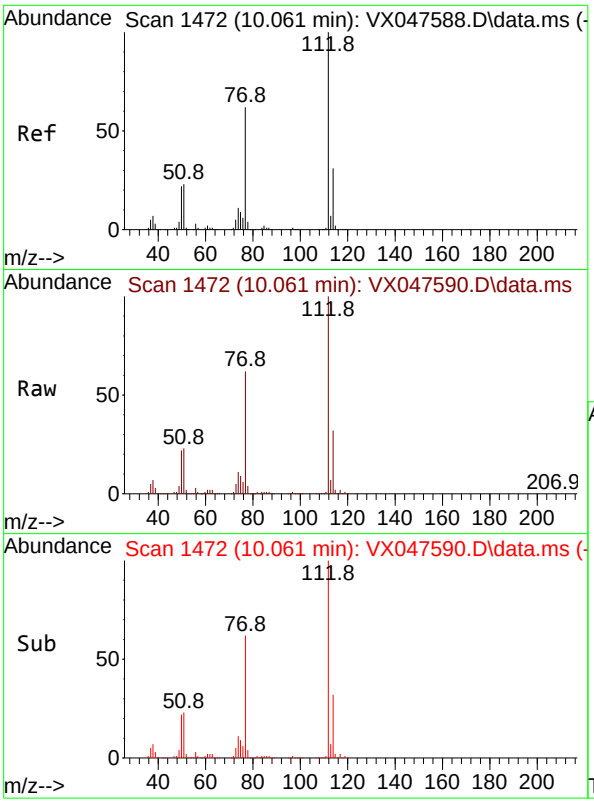


#64
Tetrachloroethene
Concen: 144.590 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:164 Resp: 227931

Ion	Ratio	Lower	Upper
164	100		
166	127.8	100.2	150.2
129	99.0	81.8	122.6
131	96.4	78.6	118.0



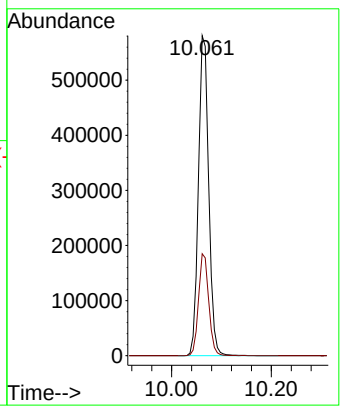


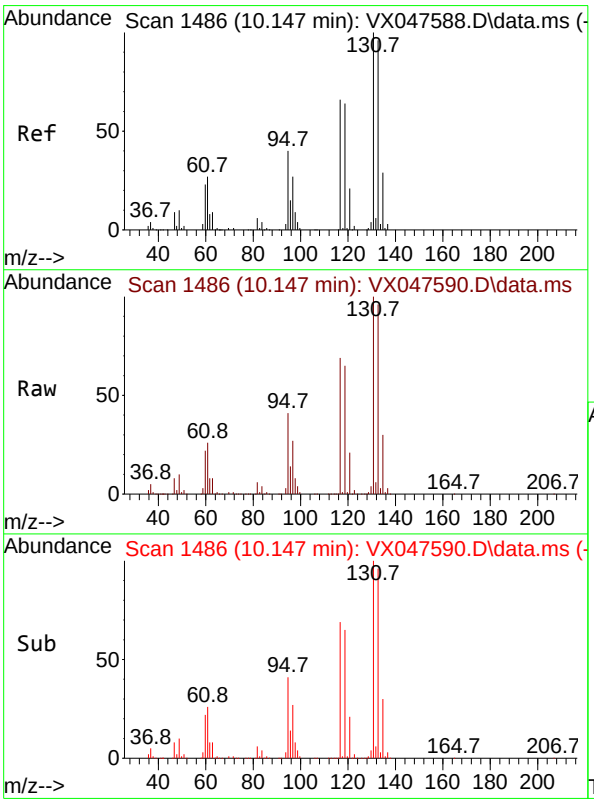
#65
Chlorobenzene
Concen: 150.763 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:112 Resp: 828239

Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.1	37.7

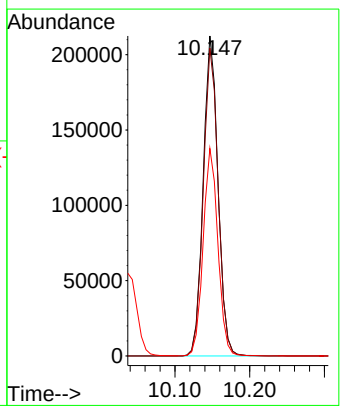


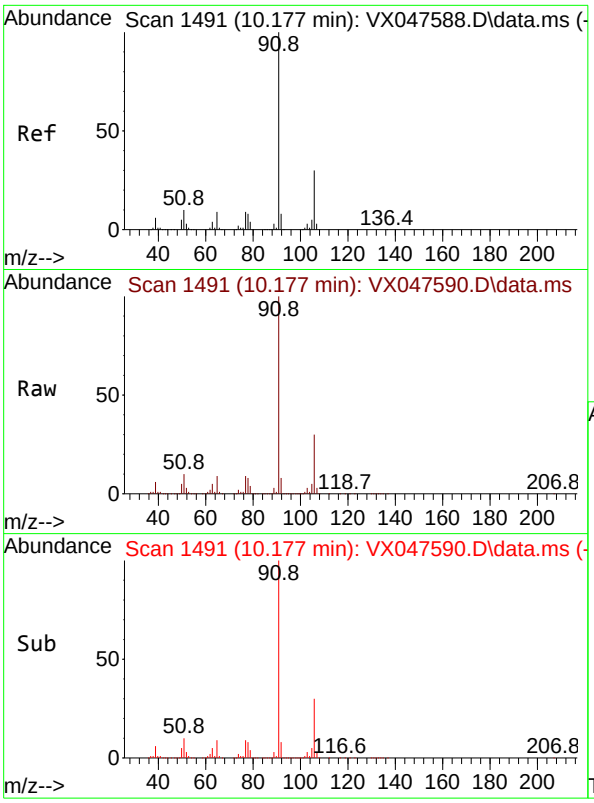


#66
1,1,1,2-Tetrachloroethane
Concen: 153.733 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:131 Resp: 291433

Ion	Ratio	Lower	Upper
131	100		
133	96.7	47.3	142.0
119	64.8	32.0	96.0



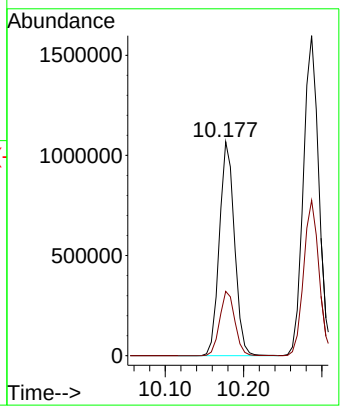


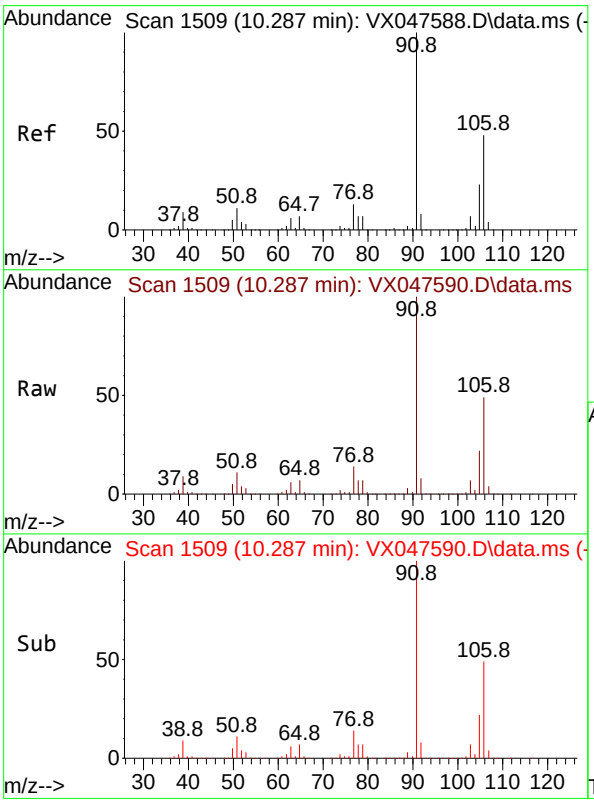
#67
Ethyl Benzene
Concen: 151.026 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 1431554

Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.3	36.5

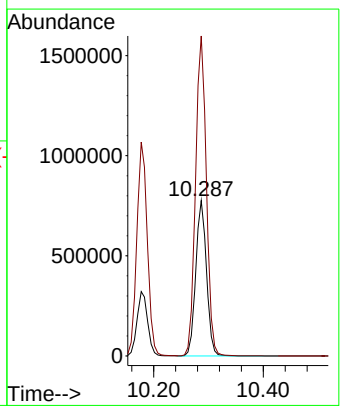


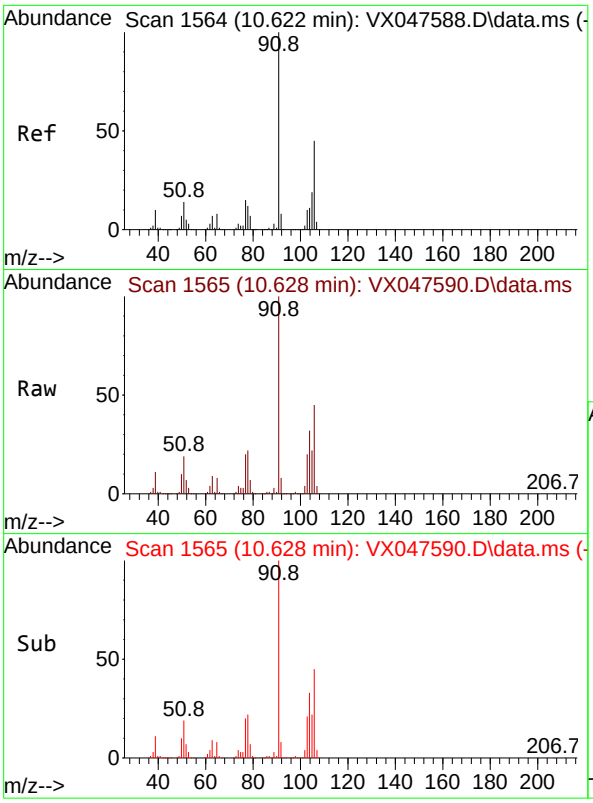


#68
m/p-Xylenes
Concen: 300.381 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:106 Resp: 1059776

Ion	Ratio	Lower	Upper
106	100		
91	208.0	167.8	251.8



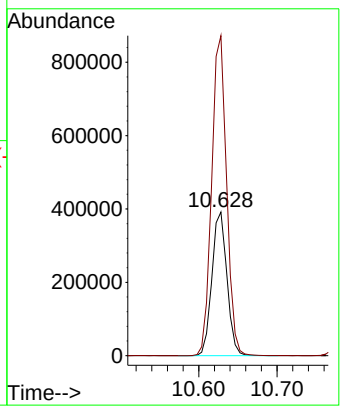


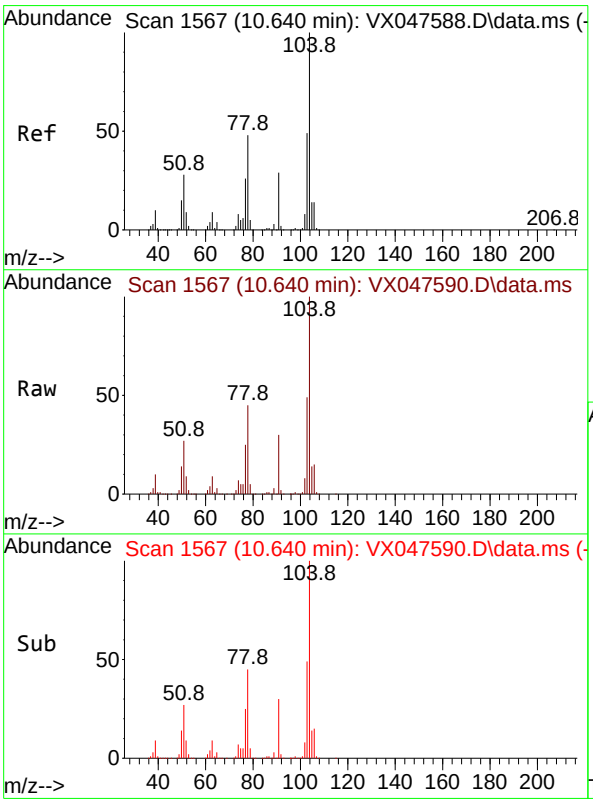
#69
o-Xylene
Concen: 152.920 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 521840

Ion	Ratio	Lower	Upper
106	100		
91	220.7	111.1	333.4

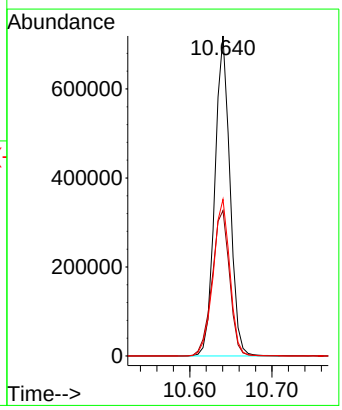


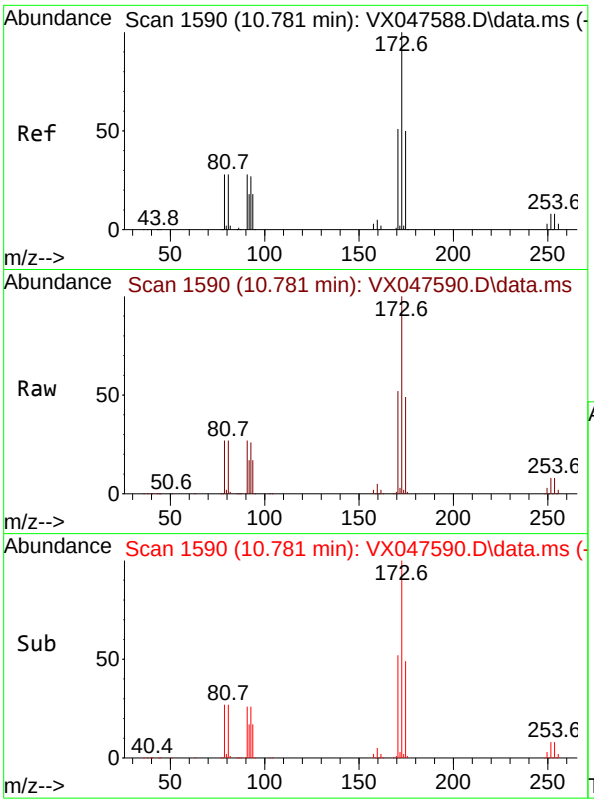


#70
Styrene
Concen: 153.449 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:104 Resp: 917532

Ion	Ratio	Lower	Upper
104	100		
78	52.4	43.1	64.7
103	54.0	43.1	64.7



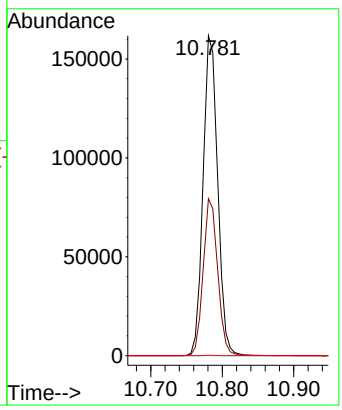


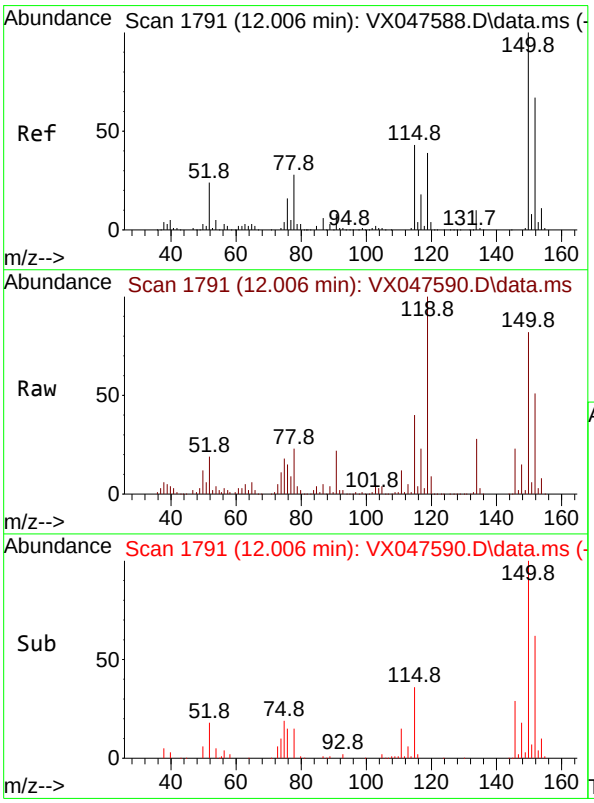
#71
Bromoform
Concen: 162.262 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:173 Resp: 229683

Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.9	74.6
254	0.1	0.1	0.1

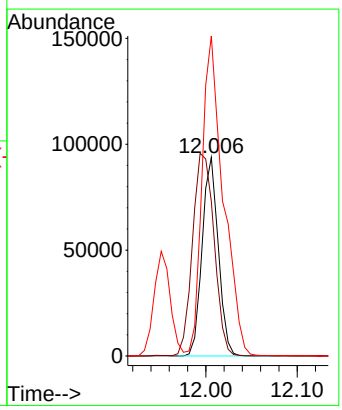


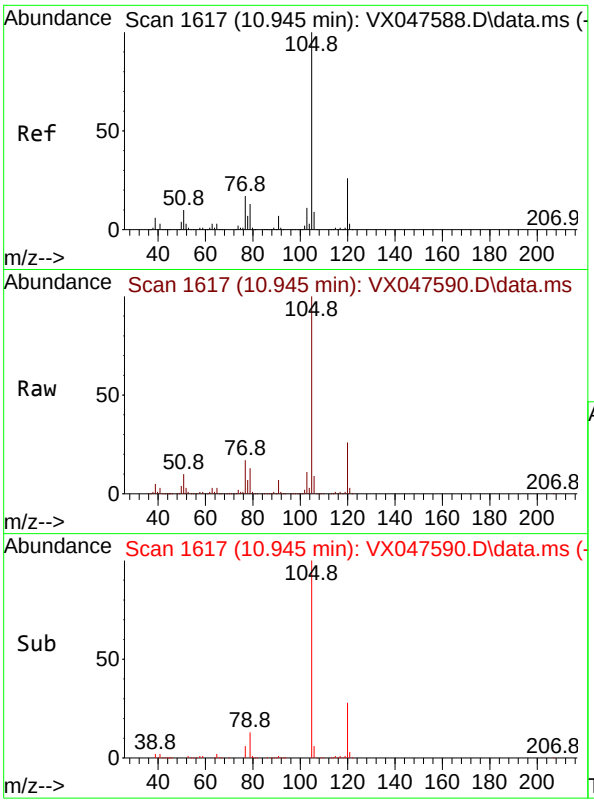


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:152 Resp: 114743

Ion	Ratio	Lower	Upper
152	100		
115	136.9	44.9	134.5#
150	212.9	0.0	352.0



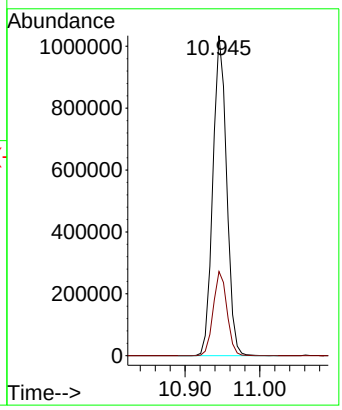


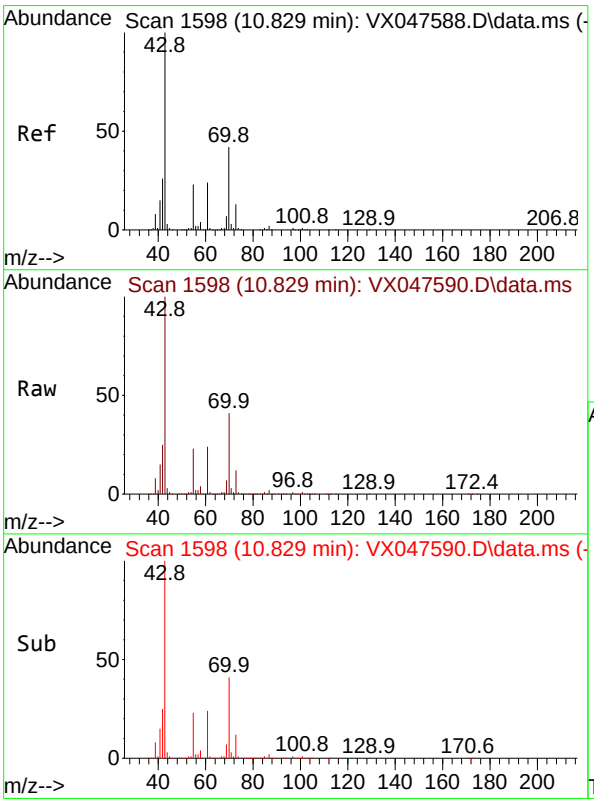
#73
Isopropylbenzene
Concen: 151.477 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 1321409

Ion	Ratio	Lower	Upper
105	100		
120	26.2	12.8	38.4

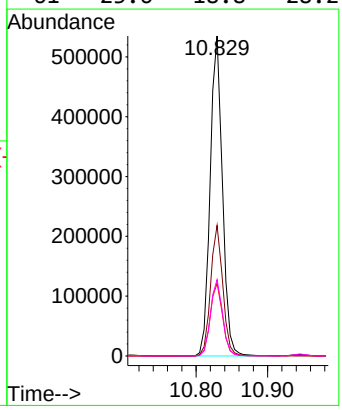


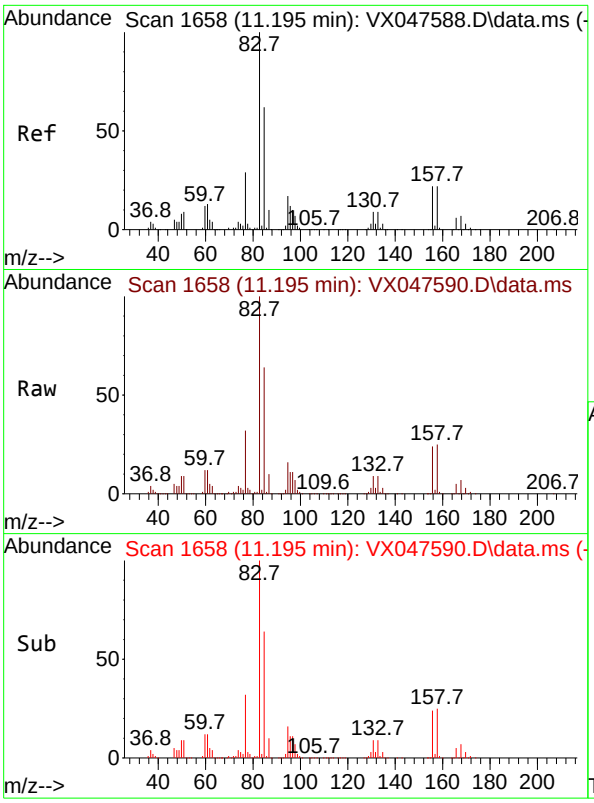


#74
N-amyl acetate
Concen: 160.099 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 636879

Ion	Ratio	Lower	Upper
43	100		
70	40.4	32.0	48.0
55	22.9	18.9	28.3
61	23.6	18.8	28.2



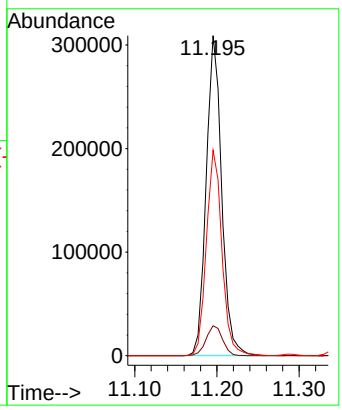


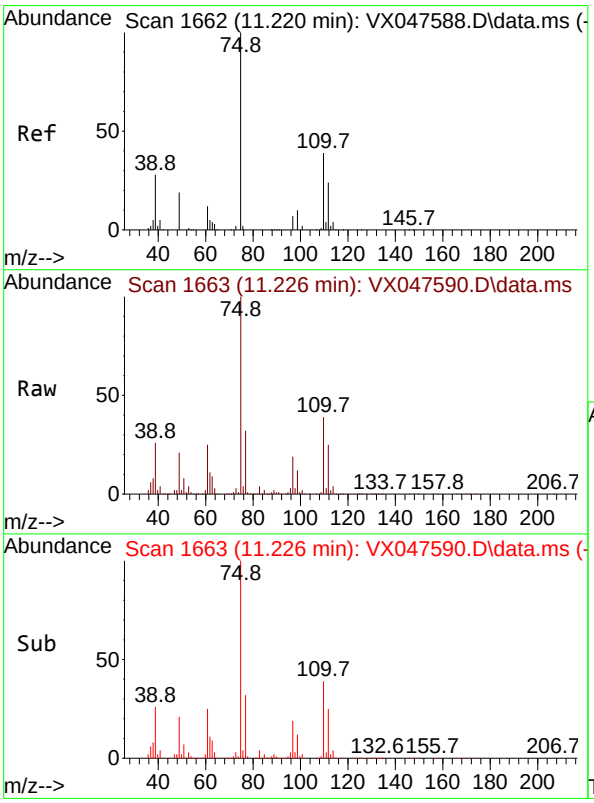
#75
1,1,2,2-Tetrachloroethane
Concen: 153.035 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 403906

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	14.9
85	64.6	31.6	95.0

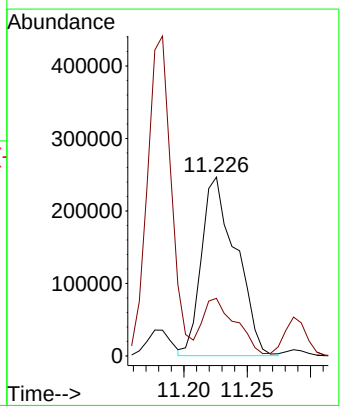


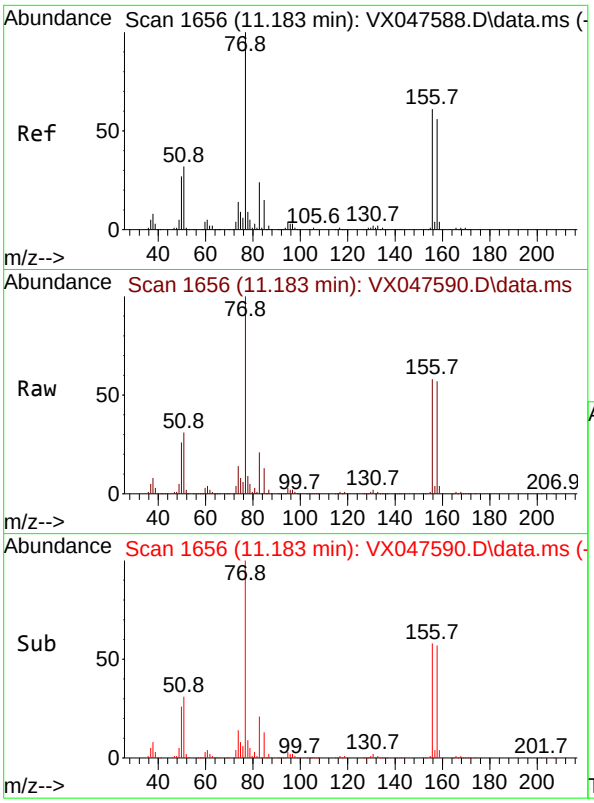


#76
1,2,3-Trichloropropane
Concen: 202.576 ug/l
RT: 11.226 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 75 Resp: 470623

Ion	Ratio	Lower	Upper
75	100		
77	30.8	18.8	56.4



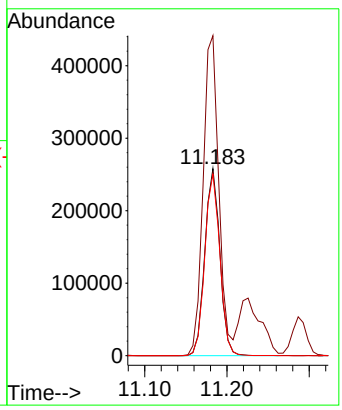


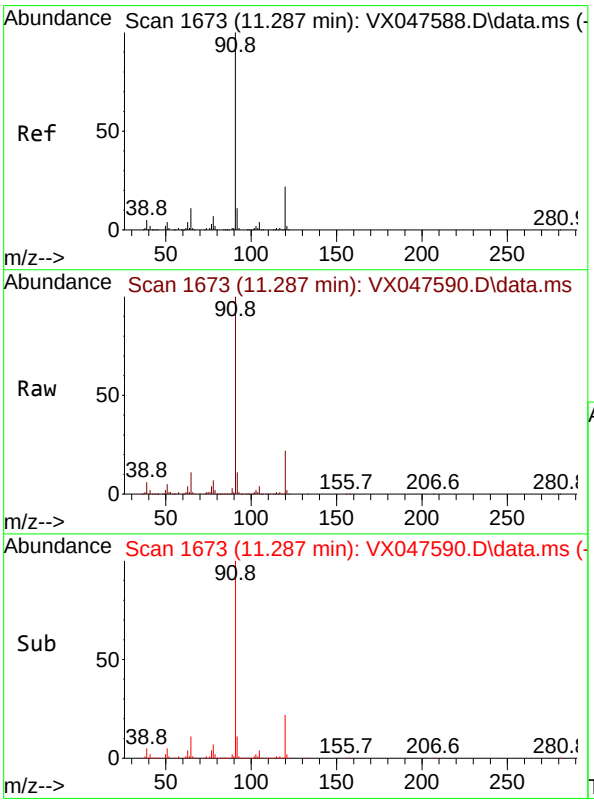
#77
Bromobenzene
Concen: 152.818 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:156 Resp: 328336

Ion	Ratio	Lower	Upper
156	100		
77	178.2	89.7	269.1
158	97.5	47.9	143.6

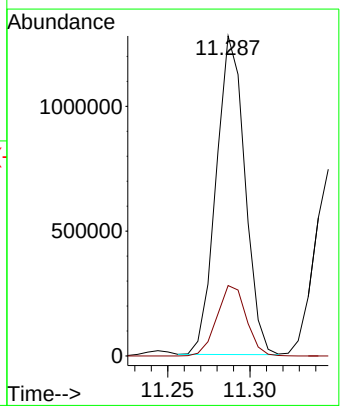


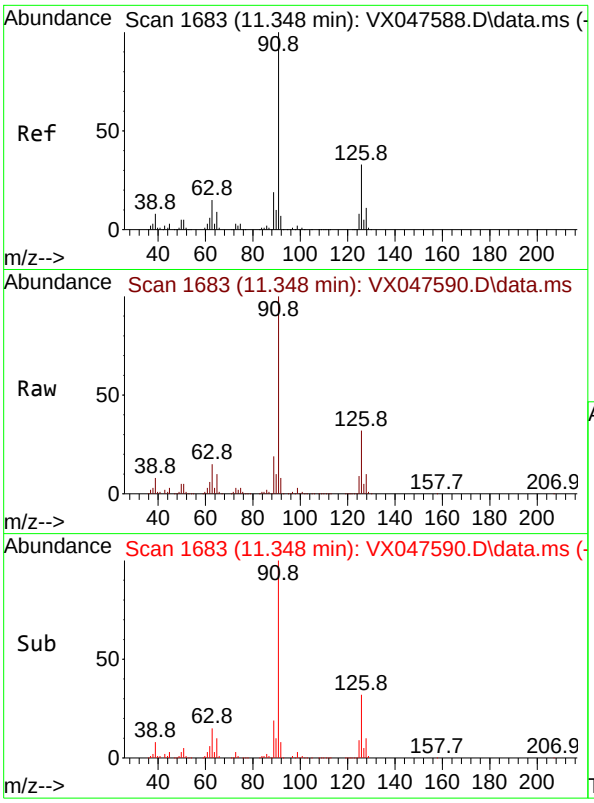


#78
n-propylbenzene
Concen: 150.337 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 91 Resp: 1550316

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.1	33.1



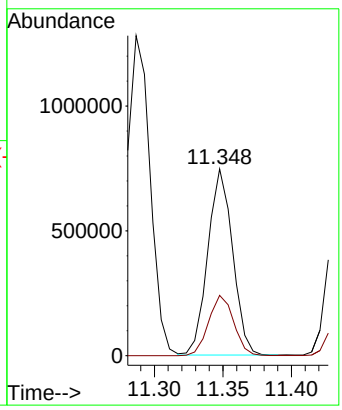


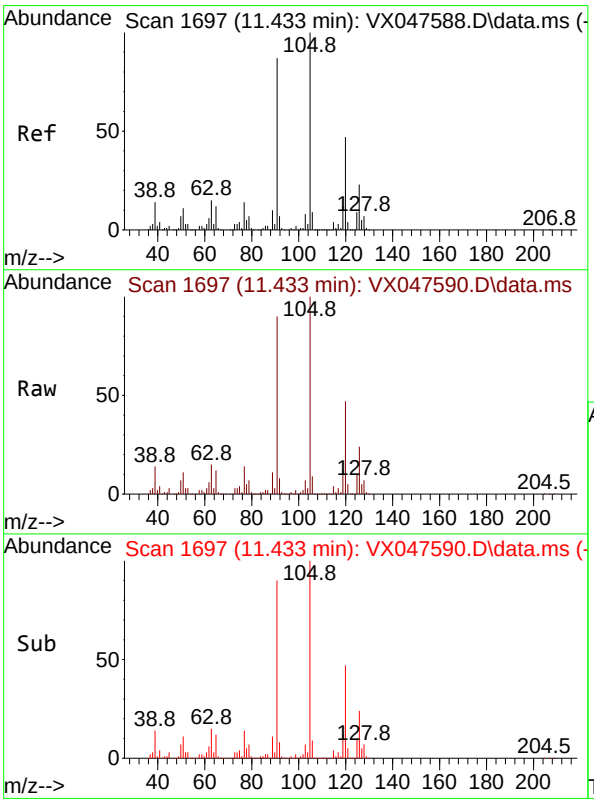
#79
2-Chlorotoluene
Concen: 148.781 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 939707

Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.1	48.3

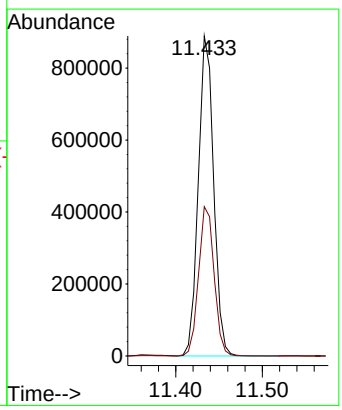


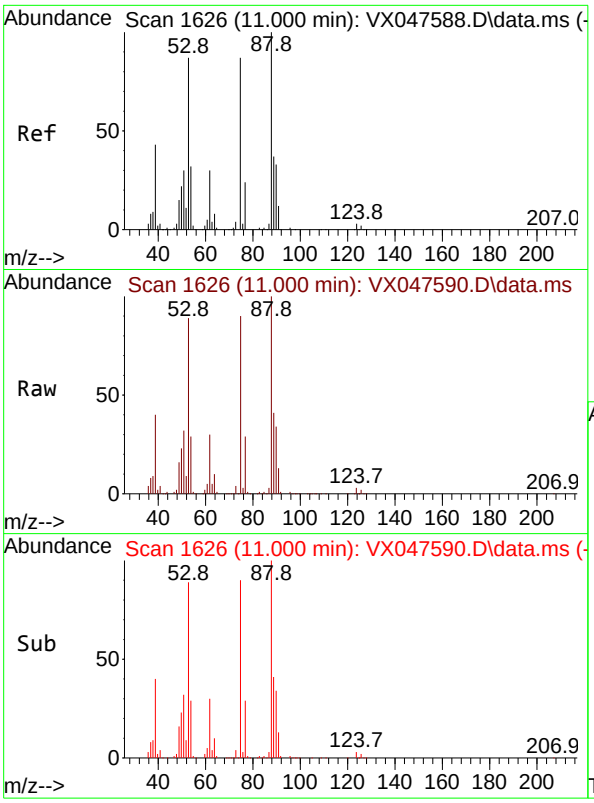


#80
1,3,5-Trimethylbenzene
Concen: 152.306 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:105 Resp: 1091593

Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.6	70.8



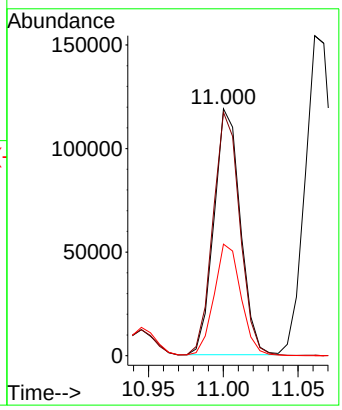


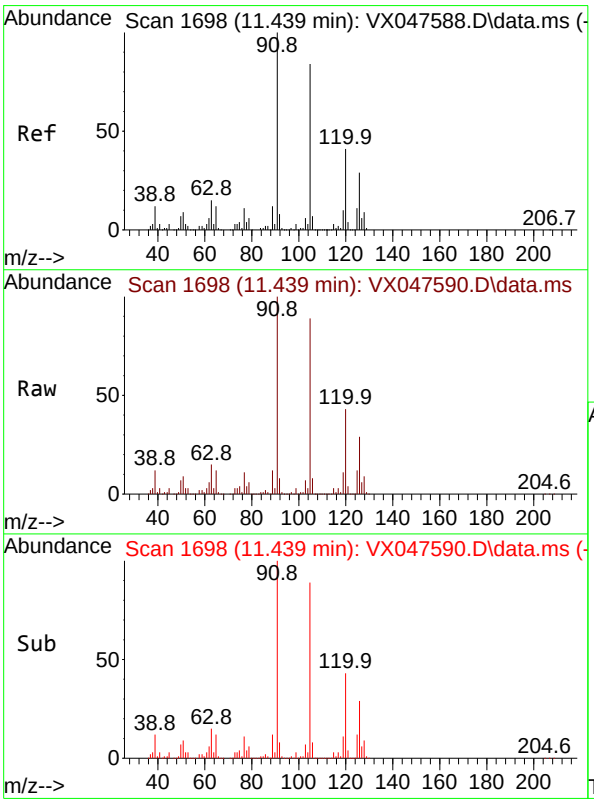
#81
trans-1,4-Dichloro-2-butene
Concen: 160.176 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 145921

Ion	Ratio	Lower	Upper
75	100		
53	100.8	83.4	125.2
89	46.3	36.3	54.5

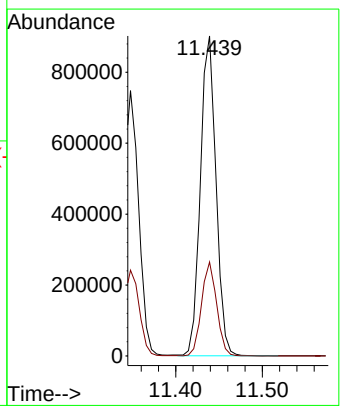


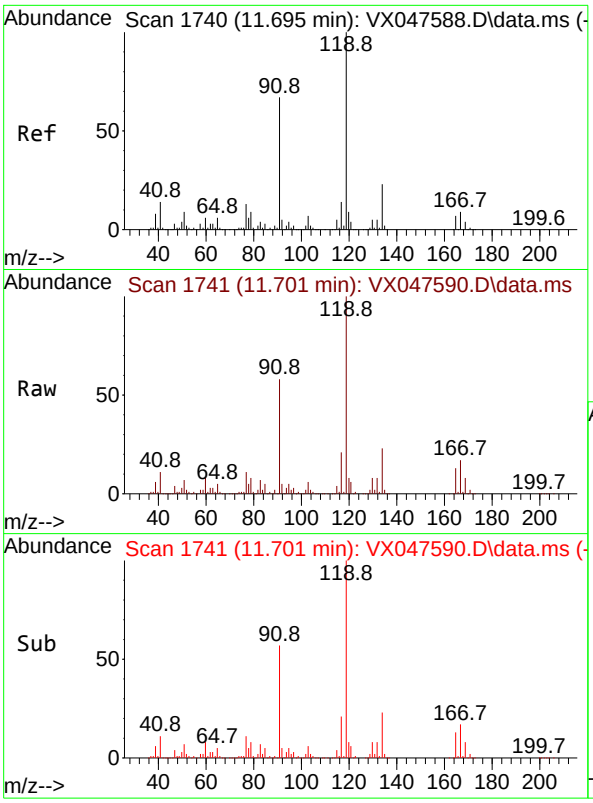


#82
4-Chlorotoluene
Concen: 151.112 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 91 Resp: 1127233

Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.2	42.6



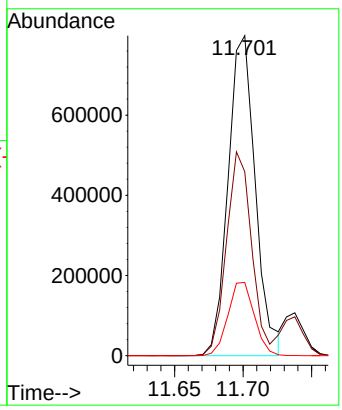


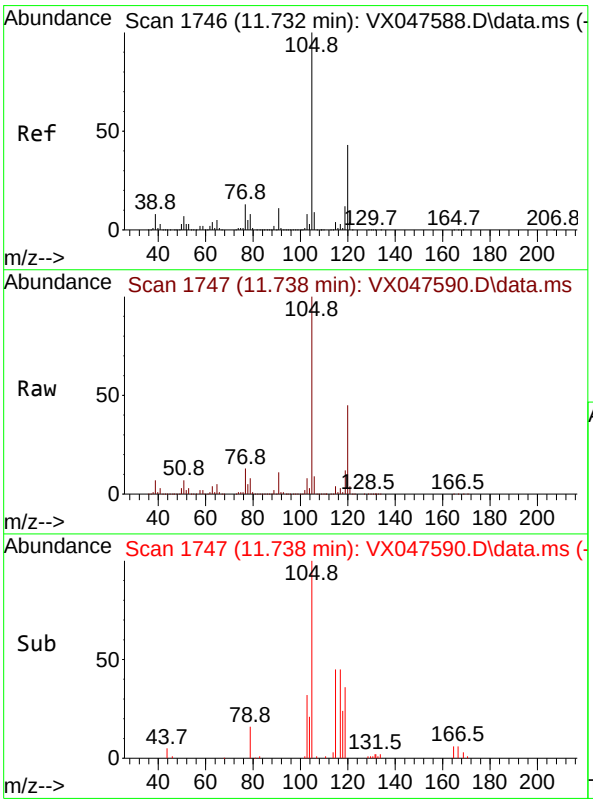
#83
tert-Butylbenzene
Concen: 150.819 ug/l
RT: 11.701 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:119 Resp: 1106532

Ion	Ratio	Lower	Upper
119	100		
91	58.7	29.6	88.8
134	22.3	11.0	33.0

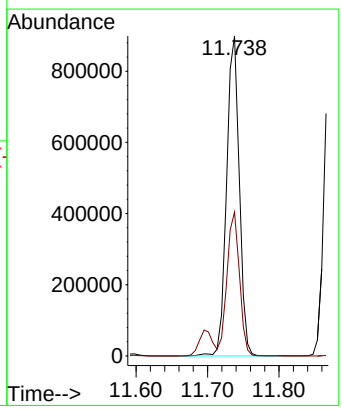


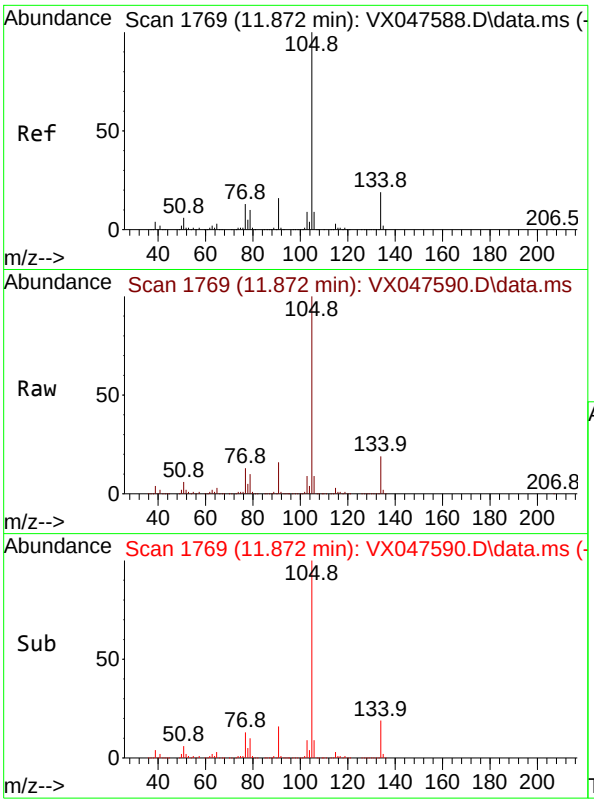


#84
1,2,4-Trimethylbenzene
Concen: 152.336 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:105 Resp: 1106914

Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.1	66.1



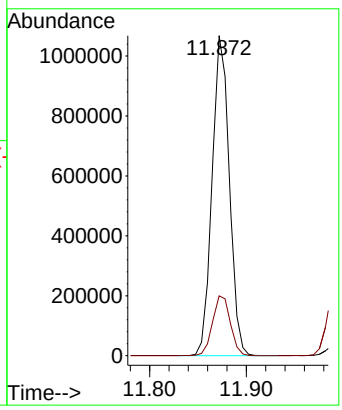


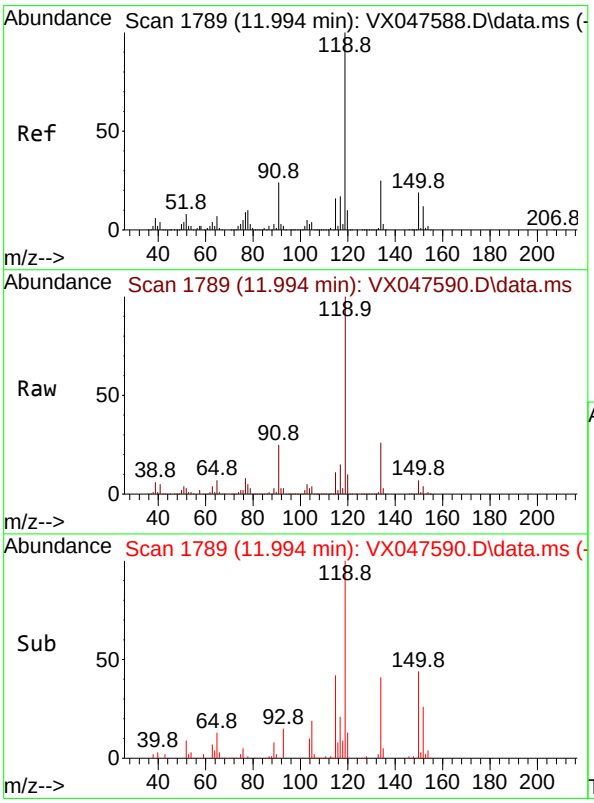
#85
sec-Butylbenzene
Concen: 151.448 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 1319819

Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.8	29.5

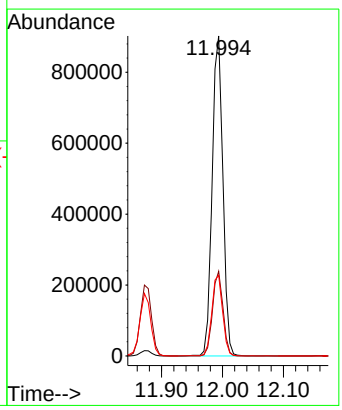


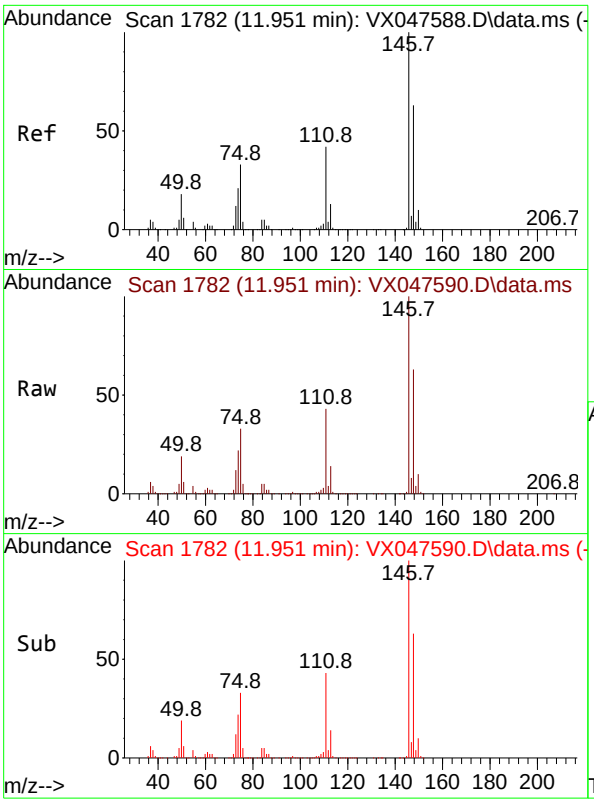


#86
p-Isopropyltoluene
Concen: 149.530 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:119 Resp: 1103210

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.6	37.8
91	25.3	12.6	37.6



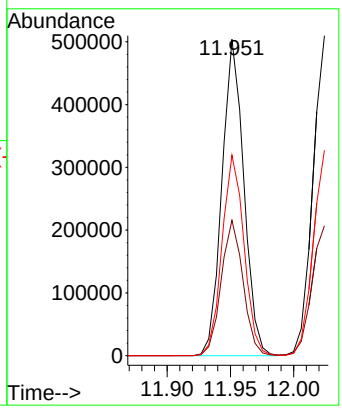


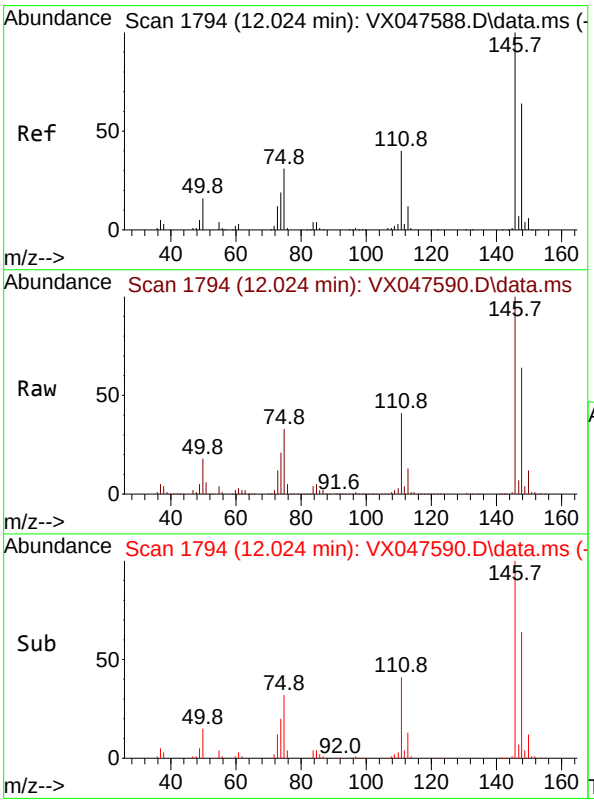
#87
1,3-Dichlorobenzene
Concen: 151.633 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 605123

Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.5	64.5
148	63.8	32.0	96.0

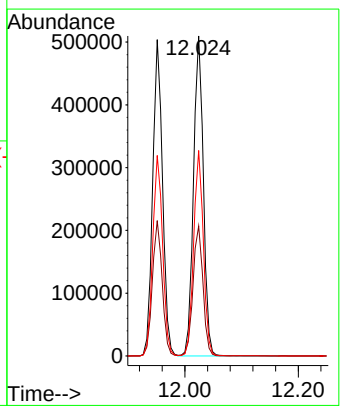


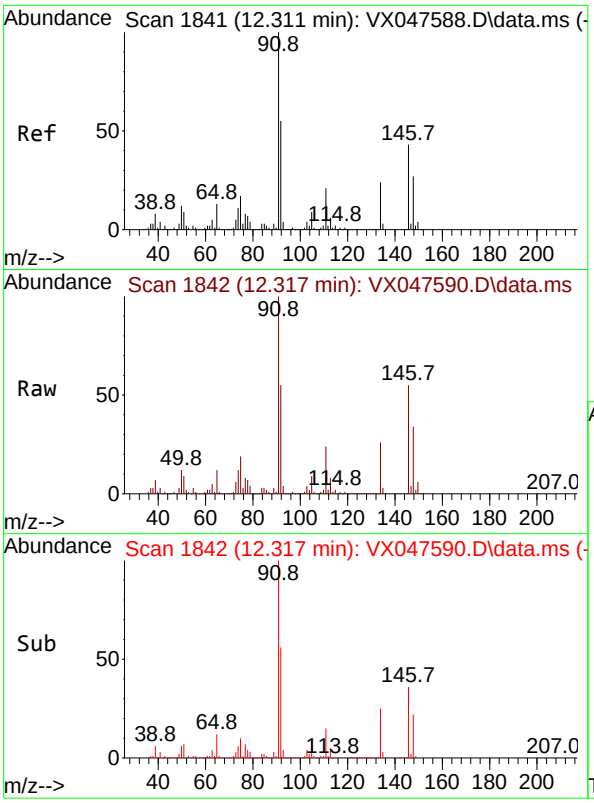


#88
1,4-Dichlorobenzene
Concen: 149.814 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:146 Resp: 613617

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.8	62.4
148	63.2	31.7	95.1



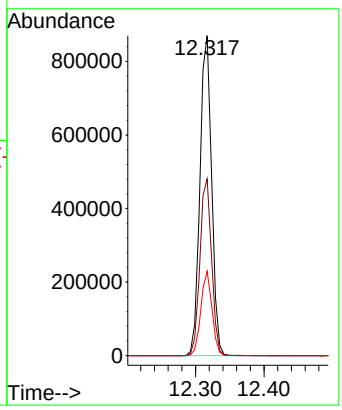


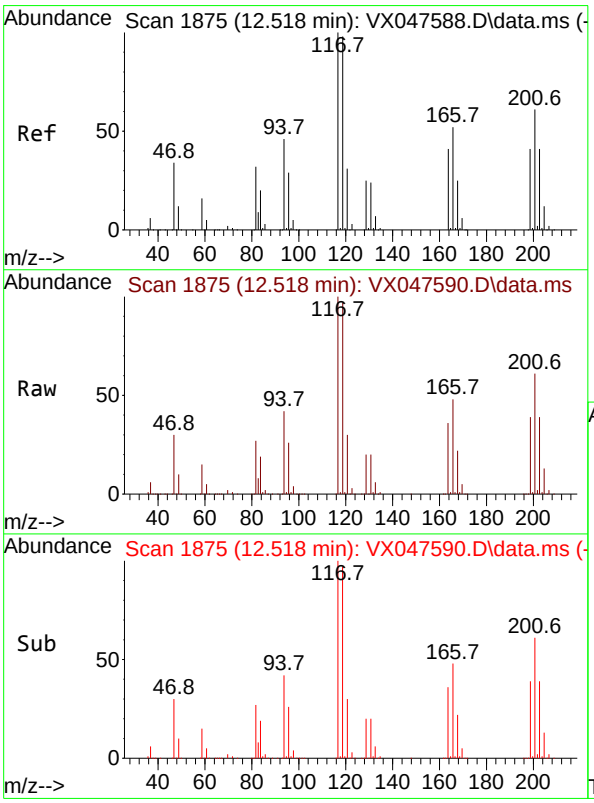
#89
n-Butylbenzene
Concen: 151.222 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 1032357

Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.6	82.7
134	25.2	12.6	37.8

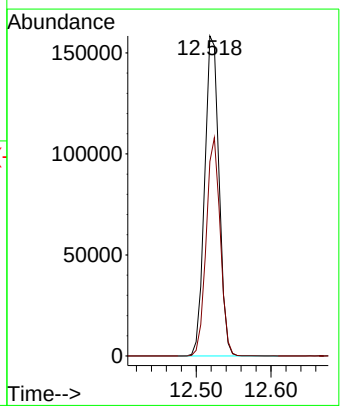


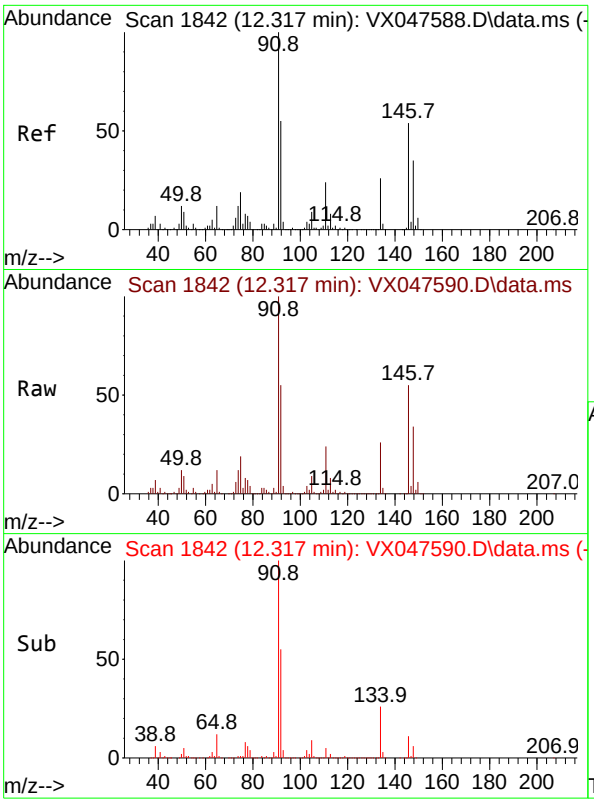


#90
Hexachloroethane
Concen: 163.258 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:117 Resp: 211472

Ion	Ratio	Lower	Upper
117	100		
201	66.6	34.2	102.5



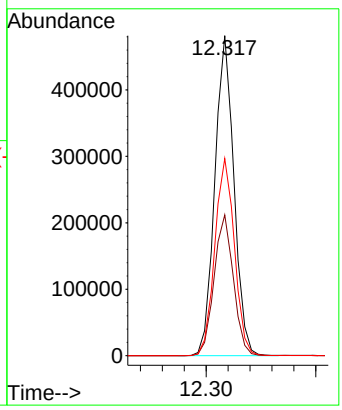


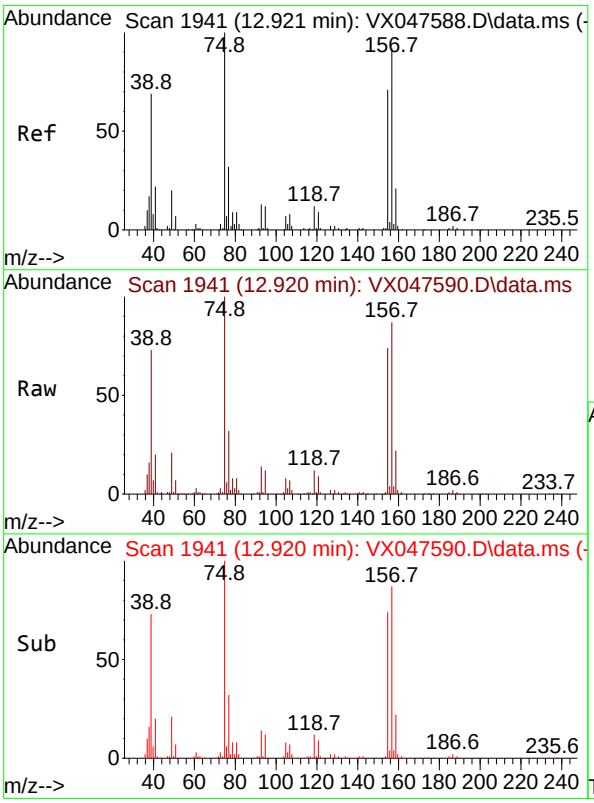
#91
1,2-Dichlorobenzene
Concen: 153.227 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 582565

Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.2	66.6
148	63.5	31.8	95.4

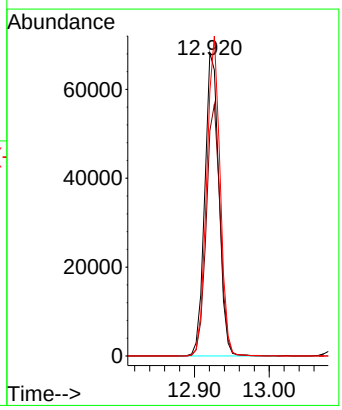


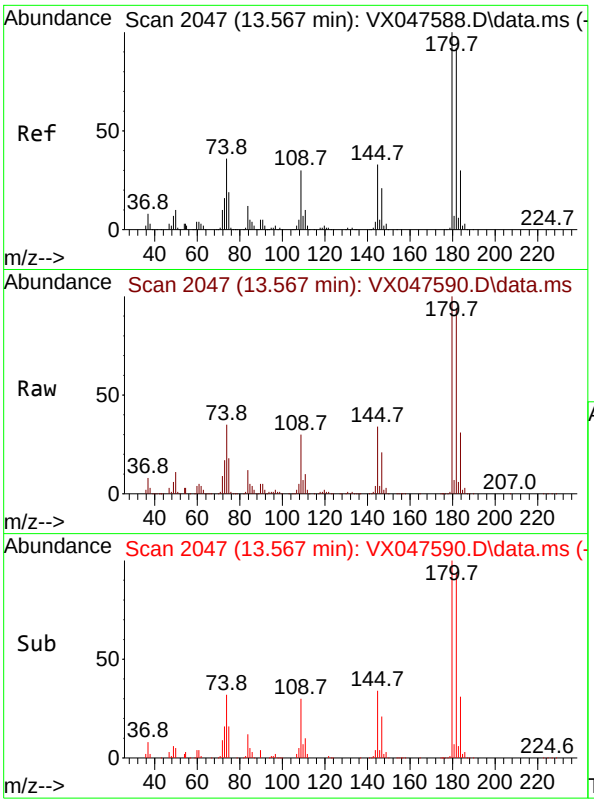


#92
1,2-Dibromo-3-Chloropropane
Concen: 167.332 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 75 Resp: 89415

Ion	Ratio	Lower	Upper
75	100		
155	81.3	37.7	113.1
157	100.6	49.8	149.4



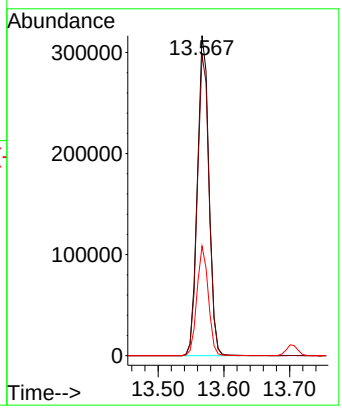


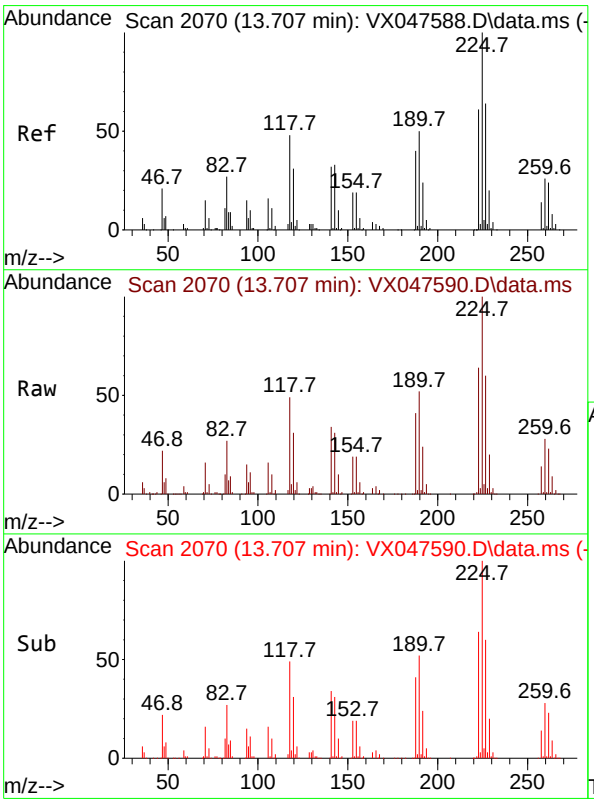
#93
1,2,4-Trichlorobenzene
Concen: 156.884 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:180 Resp: 387652

Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.6	139.8
145	33.5	16.4	49.1

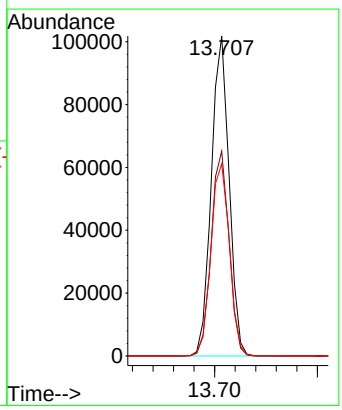


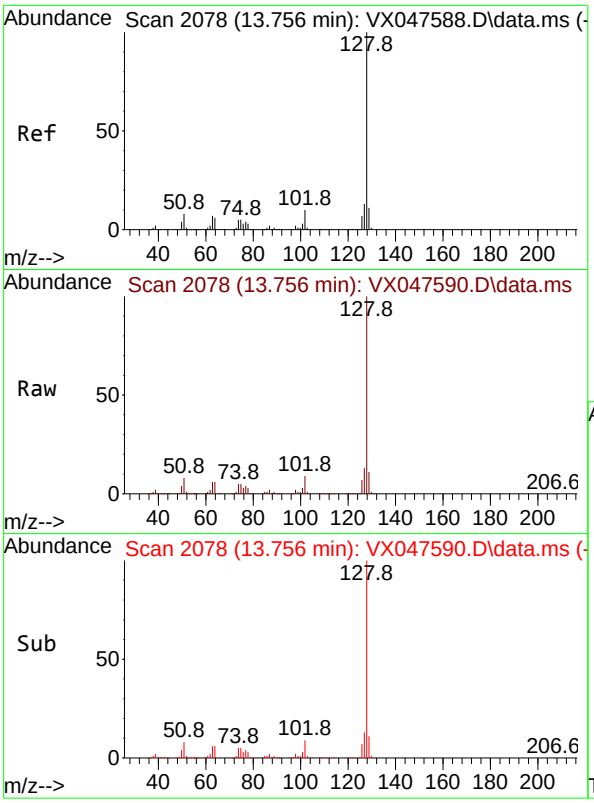


#94
Hexachlorobutadiene
Concen: 145.110 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:225 Resp: 121791

Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.7	95.1
227	62.8	32.0	96.0



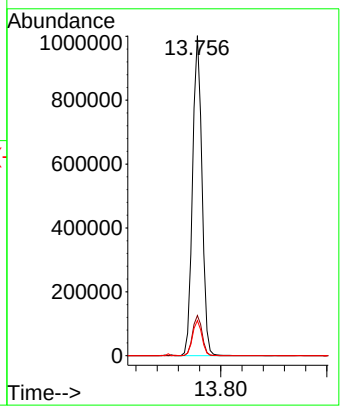


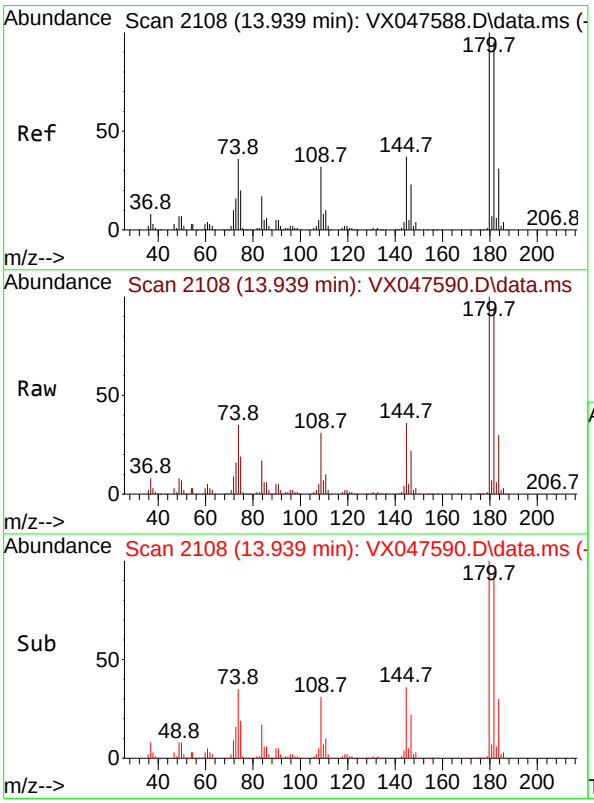
#95
Naphthalene
Concen: 163.388 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:128 Resp: 1229363

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.9	8.8	13.2

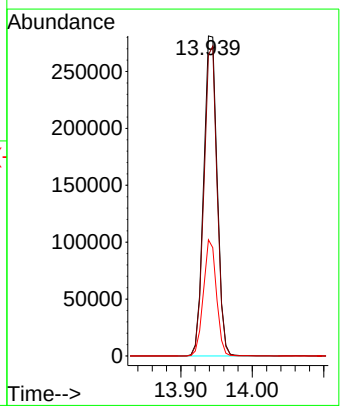




#96
1,2,3-Trichlorobenzene
Concen: 160.704 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:180 Resp: 369382

Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.6	142.8
145	34.9	17.9	53.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 22 02:06:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	186484	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	331837	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	288660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	139252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	135209	45.550	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.100%		
35) Dibromofluoromethane	5.367	113	101390	45.559	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.120%		
50) Toluene-d8	8.634	98	357393	46.411	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.820%		
62) 4-Bromofluorobenzene	11.061	95	135957	46.520	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.040%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	86110	44.592	ug/l	94
3) Chloromethane	1.300	50	110935	43.710	ug/l	99
4) Vinyl Chloride	1.380	62	113742	45.783	ug/l	99
5) Bromomethane	1.617	94	76388	48.489	ug/l	99
6) Chloroethane	1.697	64	77337	46.575	ug/l	99
7) Trichlorofluoromethane	1.892	101	173647	47.074	ug/l	98
8) Diethyl Ether	2.136	74	70459	46.693	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	104663	48.524	ug/l	99
10) Methyl Iodide	2.453	142	155450	46.210	ug/l	99
11) Tert butyl alcohol	2.940	59	84722	256.271	ug/l	100
12) 1,1-Dichloroethene	2.325	96	104302	47.076	ug/l	98
13) Acrolein	2.233	56	77645	254.867	ug/l	99
14) Allyl chloride	2.666	41	213704	46.742	ug/l	99
15) Acrylonitrile	3.056	53	310505	253.567	ug/l	99
16) Acetone	2.373	43	316217	245.006	ug/l	97
17) Carbon Disulfide	2.514	76	272741	44.966	ug/l	97
18) Methyl Acetate	2.697	43	158480	55.175	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	392574	48.538	ug/l	100
20) Methylene Chloride	2.788	84	125669	46.000	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	111418	46.709	ug/l	99
22) Diisopropyl ether	3.745	45	426854	48.174	ug/l #	83
23) Vinyl Acetate	3.709	43	1741267	245.539	ug/l	99
24) 1,1-Dichloroethane	3.599	63	226249	48.041	ug/l	99
25) 2-Butanone	4.532	43	408273	253.598	ug/l	97
26) 2,2-Dichloropropane	4.458	77	193760	49.494	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	142635	48.826	ug/l	99
28) Bromochloromethane	4.879	49	95782	46.586	ug/l	99
29) Tetrahydrofuran	4.983	42	245392	253.375	ug/l	99
30) Chloroform	5.074	83	231954	48.739	ug/l	99
31) Cyclohexane	5.458	56	180430	45.999	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	197711	48.978	ug/l	100
36) 1,1-Dichloropropene	5.678	75	151745	46.663	ug/l	99
37) Ethyl Acetate	4.690	43	171454	49.241	ug/l	98
38) Carbon Tetrachloride	5.659	117	165834	46.935	ug/l	95
39) Methylcyclohexane	7.360	83	179392	48.597	ug/l	98
40) Benzene	6.019	78	467748	47.357	ug/l	100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 22 02:06:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.897	41	90758	50.490	ug/l		98
42) 1,2-Dichloroethane	6.068	62	176131	46.867	ug/l		100
43) Isopropyl Acetate	6.318	43	280595	49.136	ug/l		100
44) Trichloroethene	7.104	130	114708	48.037	ug/l		98
45) 1,2-Dichloropropane	7.409	63	121532	48.053	ug/l		98
46) Dibromomethane	7.562	93	88297	47.976	ug/l		98
47) Bromodichloromethane	7.799	83	185219	48.769	ug/l		96
48) Methyl methacrylate	7.671	41	141532	49.757	ug/l		99
49) 1,4-Dioxane	7.641	88	31320	1089.520	ug/l		98
51) 4-Methyl-2-Pentanone	8.555	43	809759	255.752	ug/l		100
52) Toluene	8.702	92	292879	48.130	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	191863	49.527	ug/l		100
54) cis-1,3-Dichloropropene	8.348	75	203954	49.257	ug/l		97
55) 1,1,2-Trichloroethane	9.134	97	112094	47.772	ug/l		98
56) Ethyl methacrylate	9.098	69	189741	51.490	ug/l		99
57) 1,3-Dichloropropane	9.293	76	197079	48.894	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	394205	225.562	ug/l		99
59) 2-Hexanone	9.415	43	575599	253.126	ug/l		99
60) Dibromochloromethane	9.506	129	134704	49.824	ug/l		99
61) 1,2-Dibromoethane	9.592	107	117817	49.297	ug/l		99
64) Tetrachloroethene	9.256	164	90881	48.296	ug/l		98
65) Chlorobenzene	10.061	112	318372	48.549	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	110416	48.794	ug/l		98
67) Ethyl Benzene	10.177	91	563634	49.813	ug/l		99
68) m/p-Xylenes	10.287	106	416757	98.956	ug/l		99
69) o-Xylene	10.622	106	204323	50.159	ug/l		99
70) Styrene	10.640	104	353567	49.536	ug/l		99
71) Bromoform	10.780	173	86524	51.207	ug/l	#	98
73) Isopropylbenzene	10.945	105	523826	49.479	ug/l		100
74) N-amyl acetate	10.823	43	243198	50.375	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	159676	49.851	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	184000	65.262	ug/l		89
77) Bromobenzene	11.183	156	125610	48.173	ug/l		98
78) n-propylbenzene	11.286	91	616928	49.295	ug/l		99
79) 2-Chlorotoluene	11.347	91	376486	49.117	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	435375	50.055	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	55880	50.543	ug/l		99
82) 4-Chlorotoluene	11.433	91	445075	49.164	ug/l		100
83) tert-Butylbenzene	11.695	119	442341	49.679	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	440134	49.911	ug/l		99
85) sec-Butylbenzene	11.872	105	529869	50.100	ug/l		100
86) p-Isopropyltoluene	11.994	119	446441	49.861	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	237383	49.014	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	243618	49.011	ug/l		99
89) n-Butylbenzene	12.317	91	420478	50.752	ug/l		100
90) Hexachloroethane	12.518	117	79751	50.732	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	227493	49.304	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	33020	50.918	ug/l		96
93) 1,2,4-Trichlorobenzene	13.567	180	153333	51.133	ug/l		100
94) Hexachlorobutadiene	13.707	225	53099	52.131	ug/l		99
95) Naphthalene	13.756	128	464206	50.836	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	142413	51.054	ug/l		100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 22 02:06:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

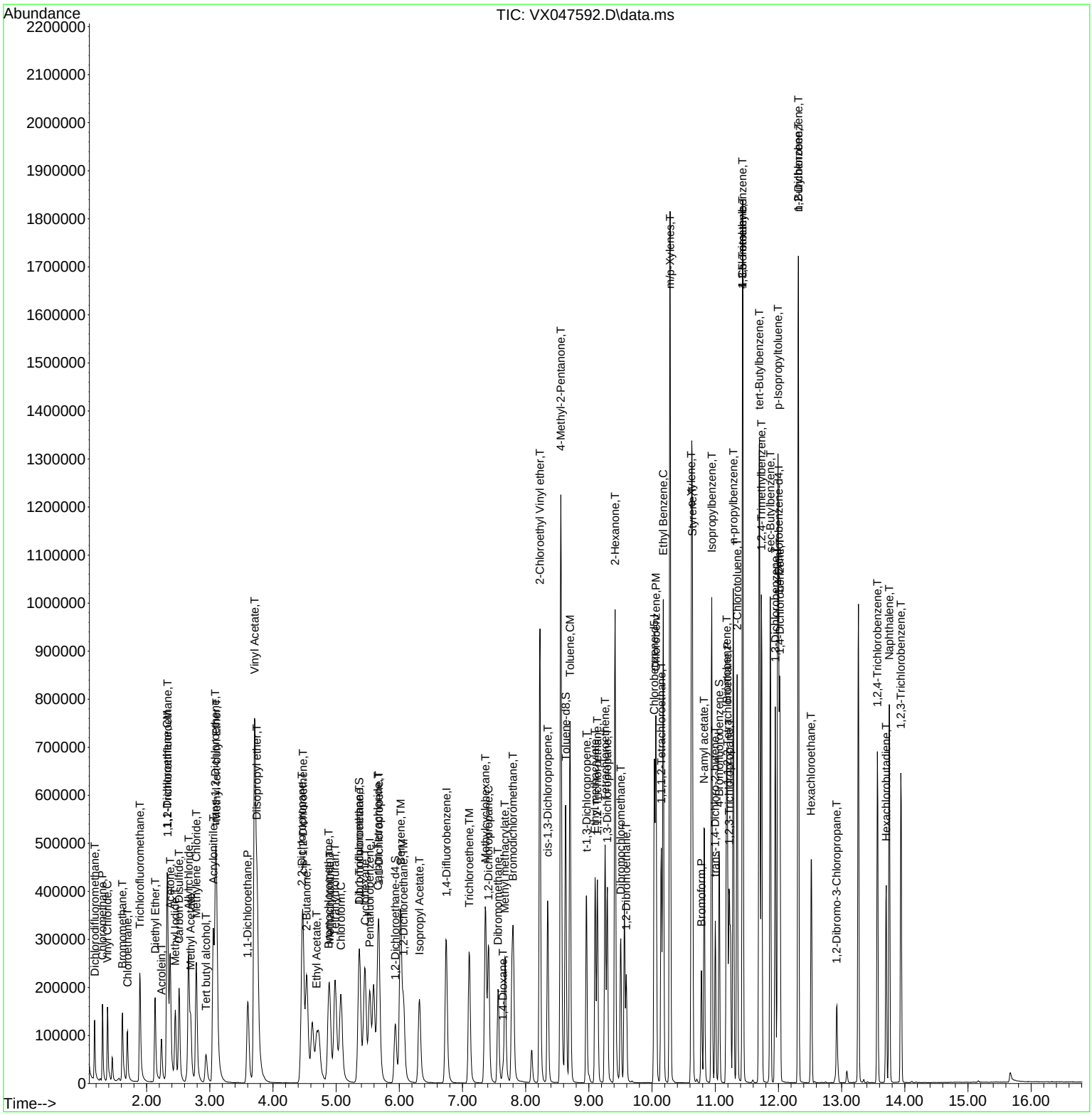
(#) = qualifier out of range (m) = manual integration (+) = signals summed

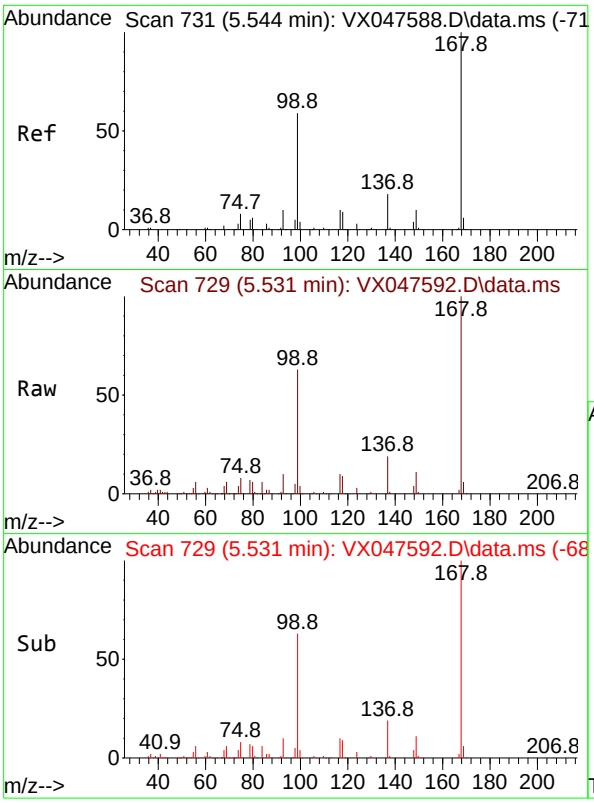
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 22 02:06:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



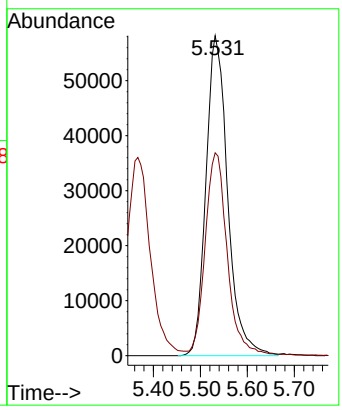


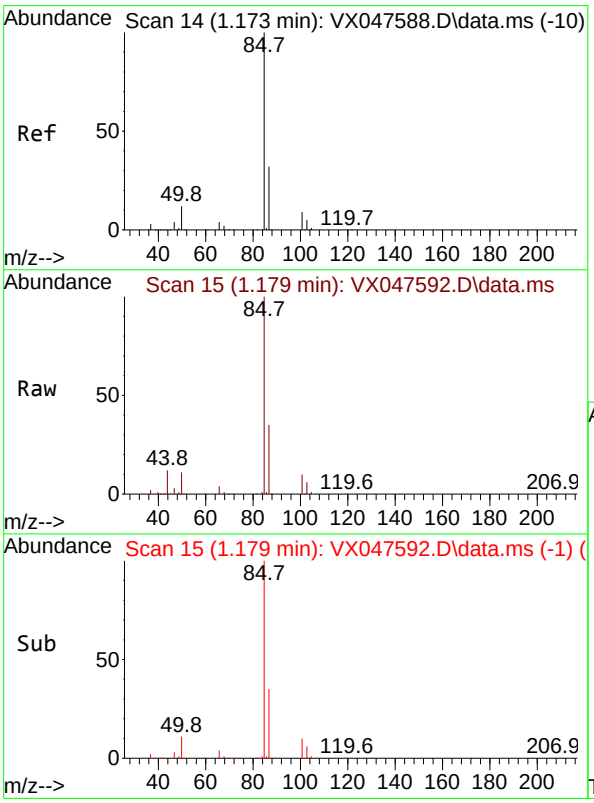
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:168 Resp: 186484

Ion	Ratio	Lower	Upper
168	100		
99	62.9	48.8	73.2

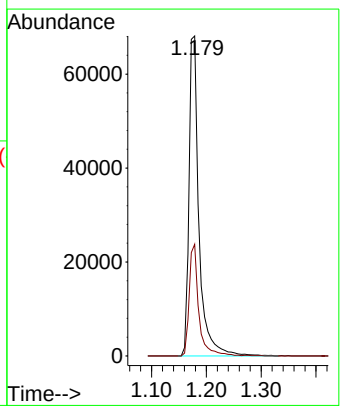


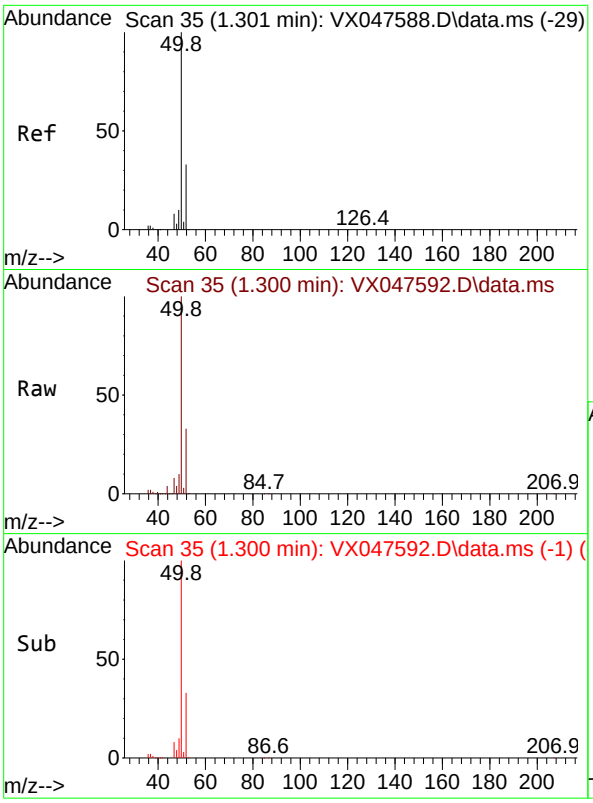


#2
Dichlorodifluoromethane
Concen: 44.592 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 85 Resp: 86110

Ion	Ratio	Lower	Upper
85	100		
87	34.9	15.8	47.3



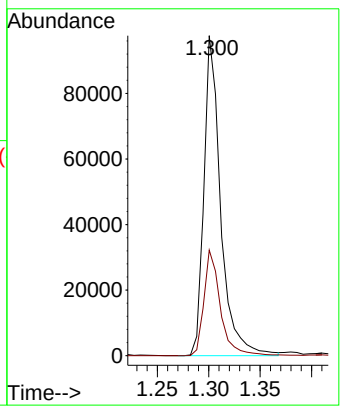


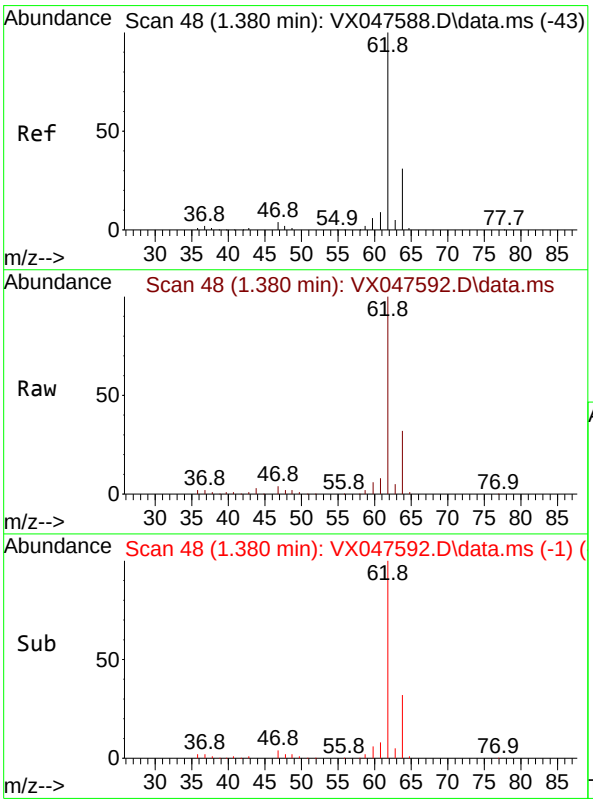
#3
Chloromethane
Concen: 43.710 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 50 Resp: 110935

Ion	Ratio	Lower	Upper
50	100		
52	33.0	26.1	39.1

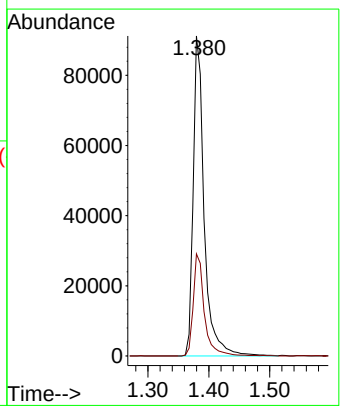


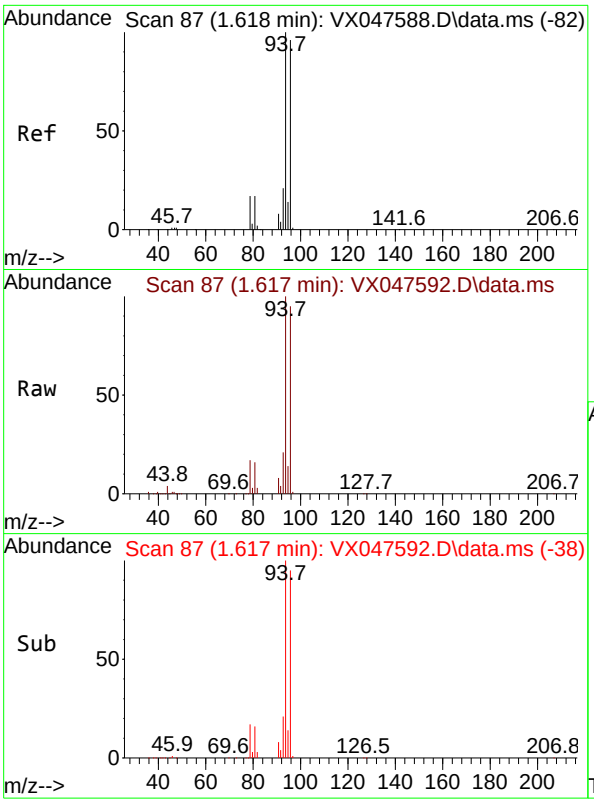


#4
Vinyl Chloride
Concen: 45.783 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 62 Resp: 113742

Ion	Ratio	Lower	Upper
62	100		
64	31.9	24.9	37.3



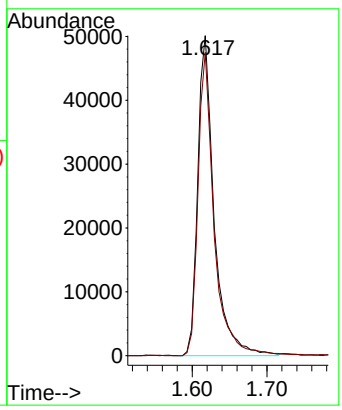


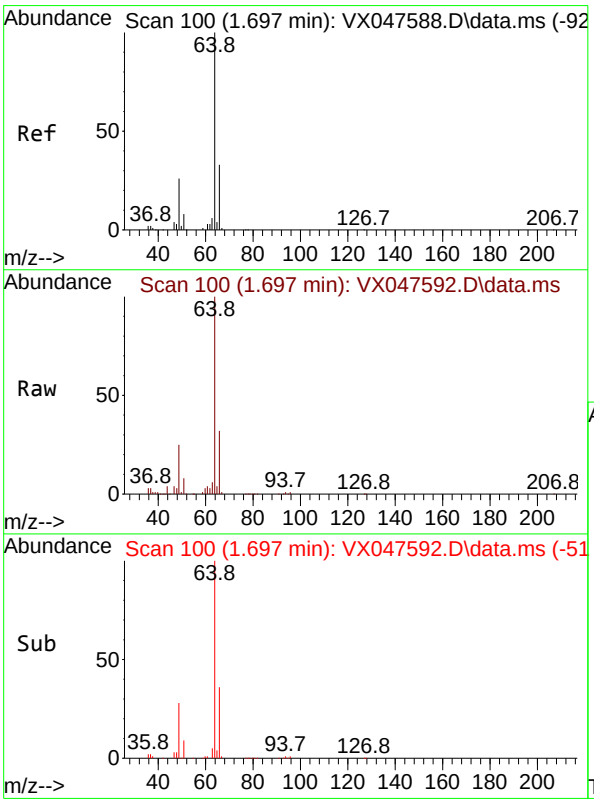
#5
Bromomethane
Concen: 48.489 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 94 Resp: 76388

Ion	Ratio	Lower	Upper
94	100		
96	94.7	76.6	115.0

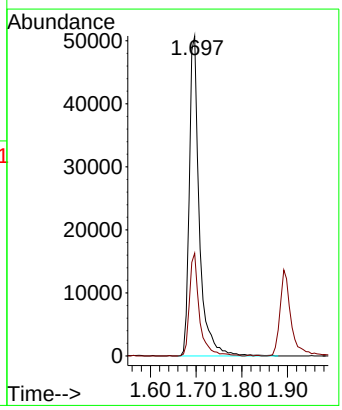


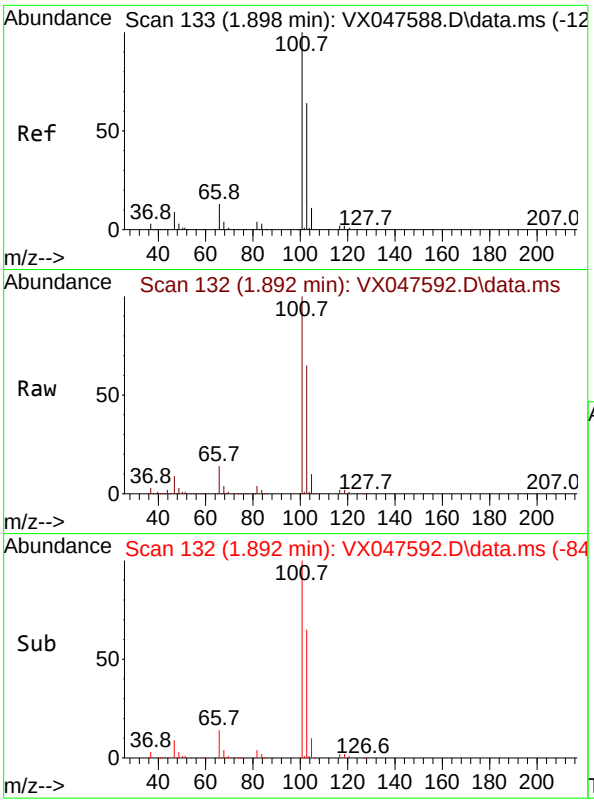


#6
Chloroethane
Concen: 46.575 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 64 Resp: 77337

Ion	Ratio	Lower	Upper
64	100		
66	32.1	26.1	39.1



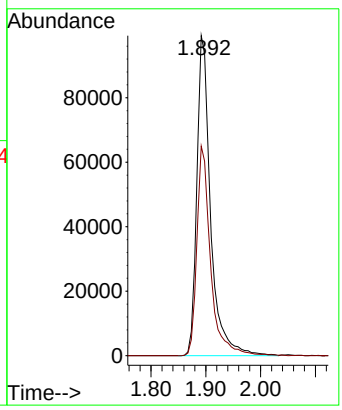


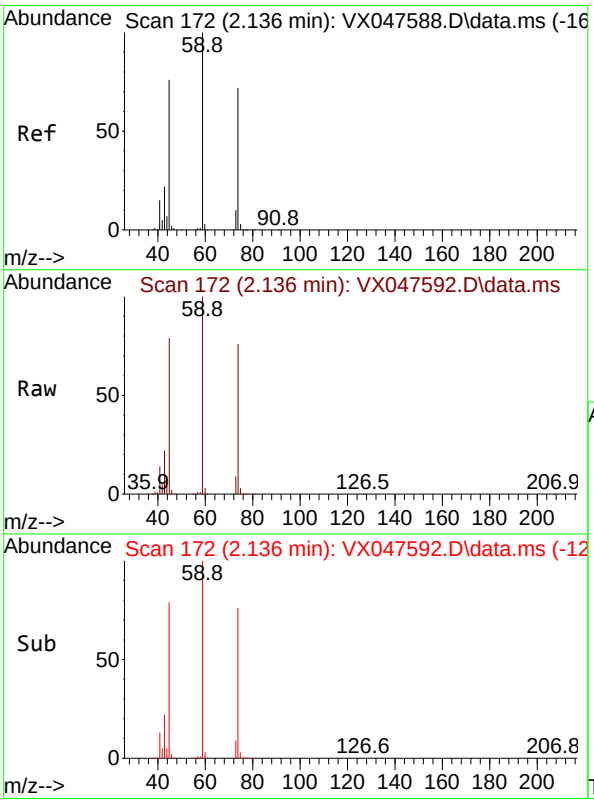
#7
Trichlorofluoromethane
Concen: 47.074 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:101 Resp: 173647

Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.4	77.2

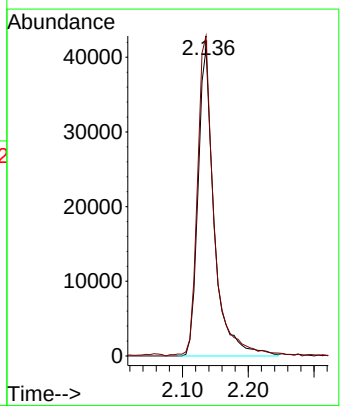


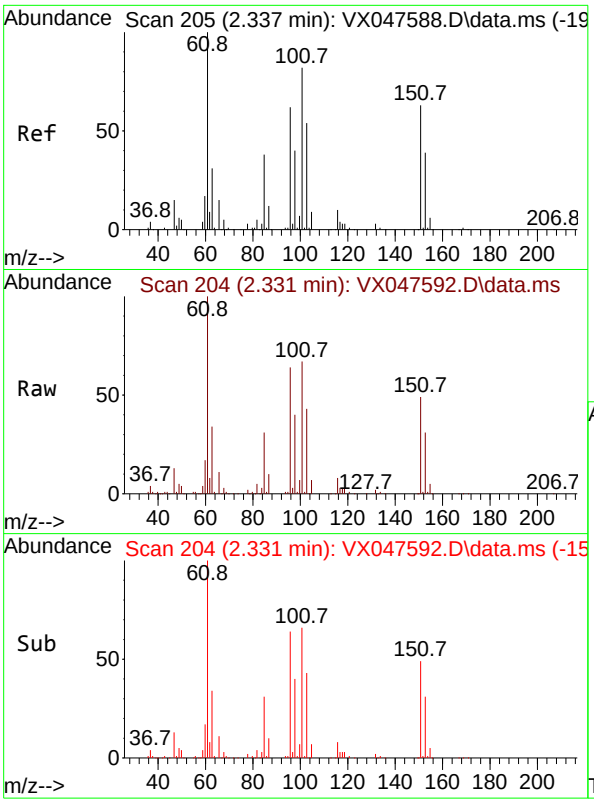


#8
Diethyl Ether
Concen: 46.693 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 74 Resp: 70459

Ion	Ratio	Lower	Upper
74	100		
45	107.1	52.3	156.8



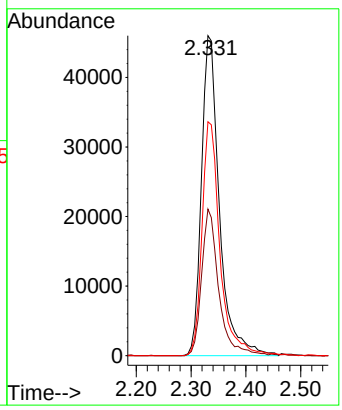


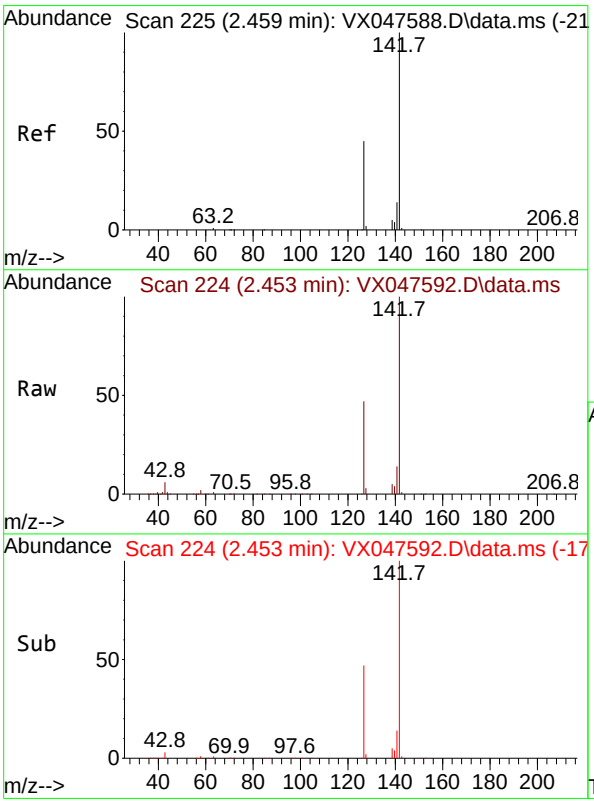
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.524 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:101 Resp: 104663

Ion	Ratio	Lower	Upper
101	100		
85	44.1	35.5	53.3
151	73.3	59.4	89.0

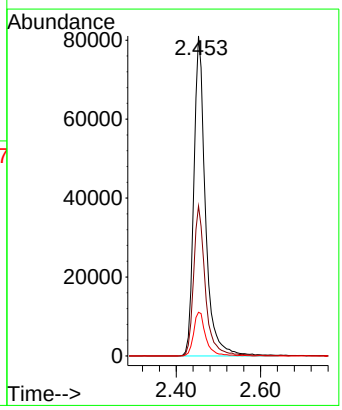


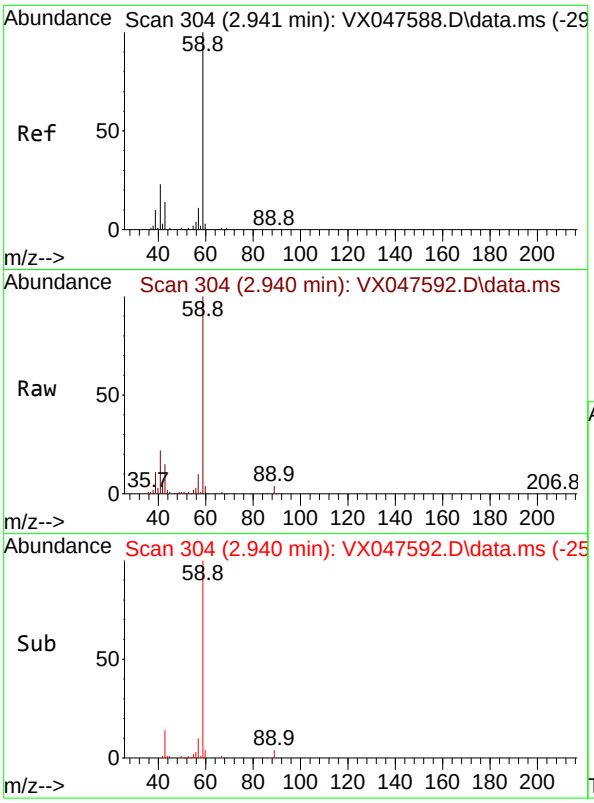


#10
Methyl Iodide
Concen: 46.210 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:142 Resp: 155450

Ion	Ratio	Lower	Upper
142	100		
127	47.6	37.2	55.8
141	14.4	11.4	17.0



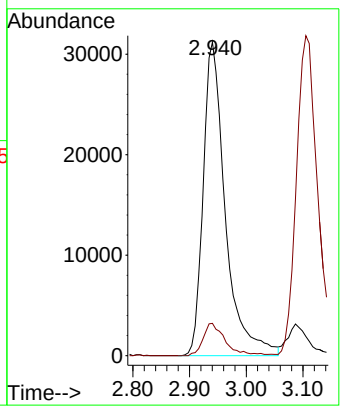


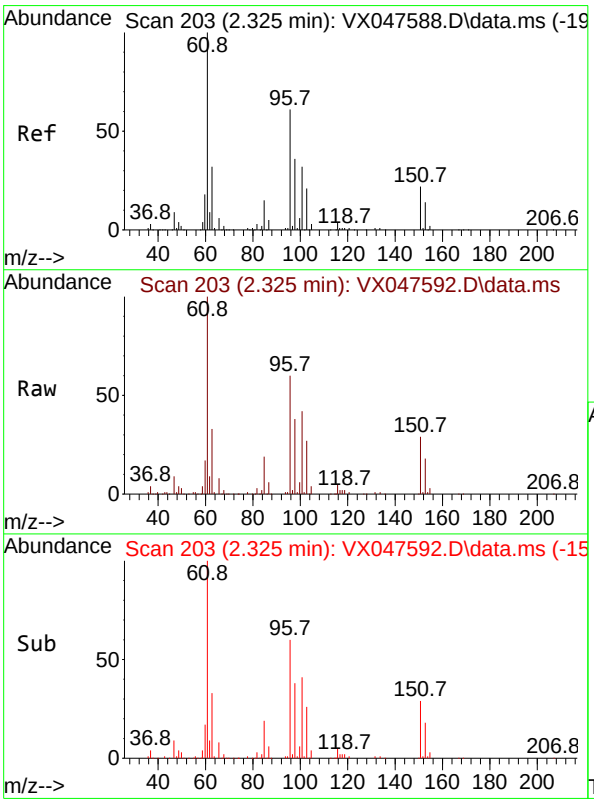
#11
Tert butyl alcohol
Concen: 256.271 ug/l
RT: 2.940 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 59 Resp: 84722

Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5

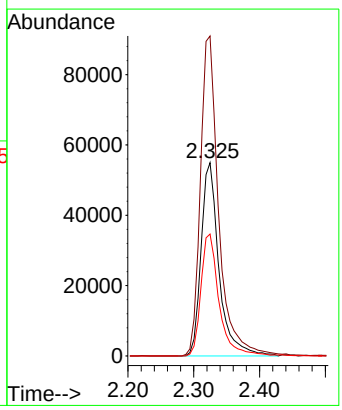


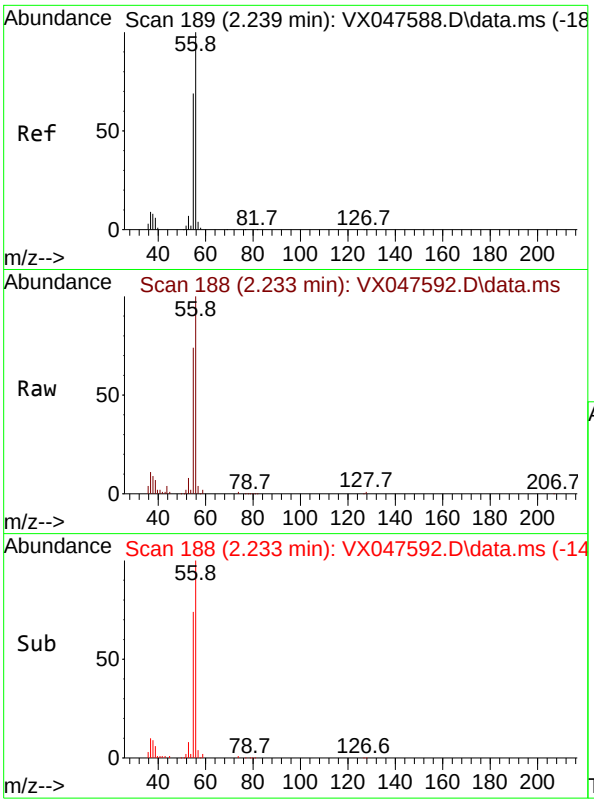


#12
1,1-Dichloroethene
Concen: 47.076 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 96 Resp: 104302

Ion	Ratio	Lower	Upper
96	100		
61	165.6	131.0	196.6
98	63.1	47.7	71.5



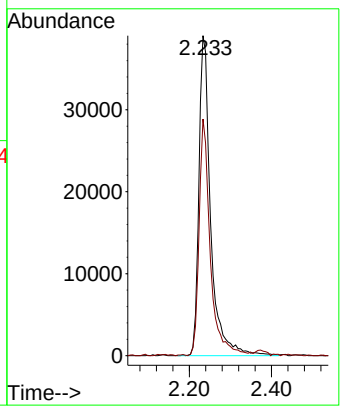


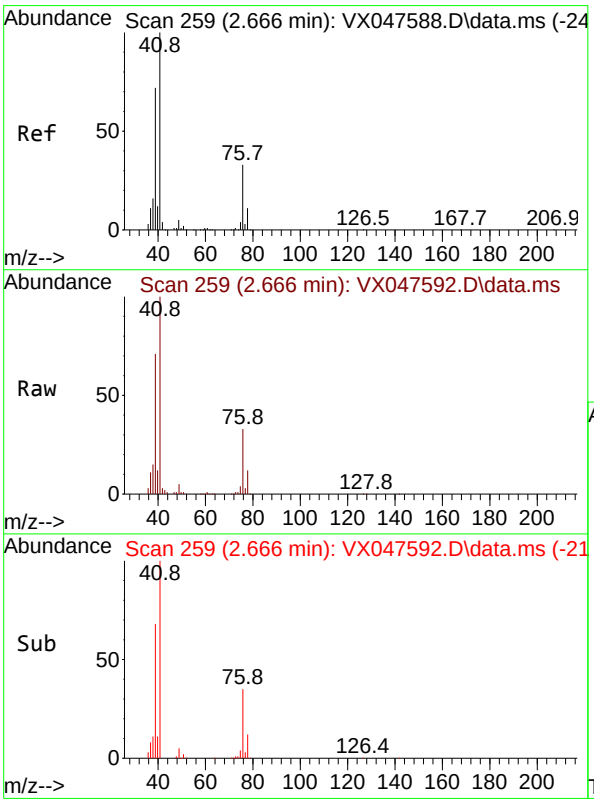
#13
Acrolein
Concen: 254.867 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 56 Resp: 77645

Ion	Ratio	Lower	Upper
56	100		
55	70.3	57.2	85.8

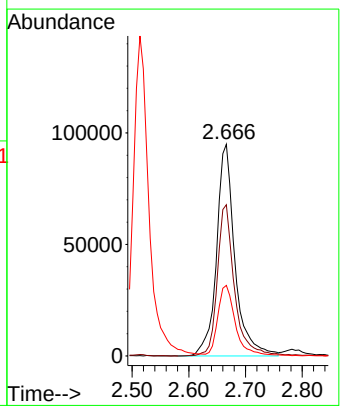


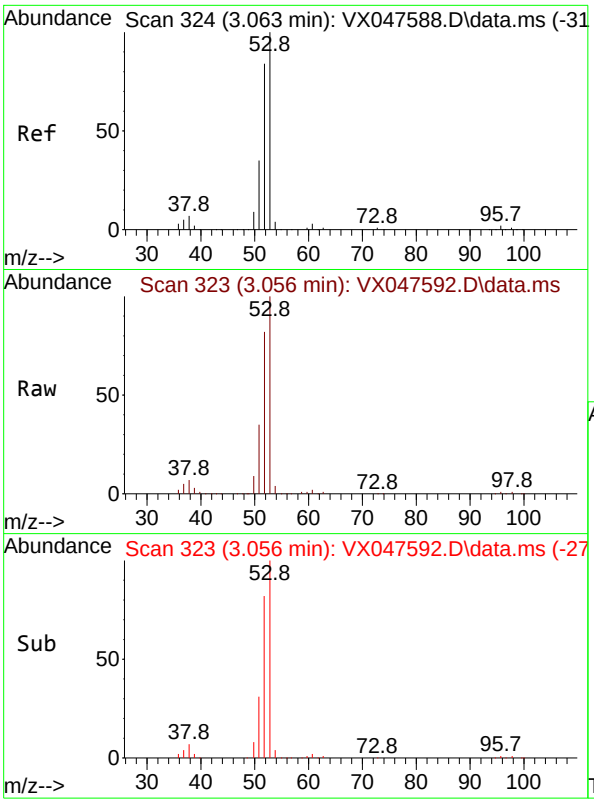


#14
Allyl chloride
Concen: 46.742 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 41 Resp: 213704

Ion	Ratio	Lower	Upper
41	100		
39	67.2	54.7	82.1
76	31.7	25.7	38.5



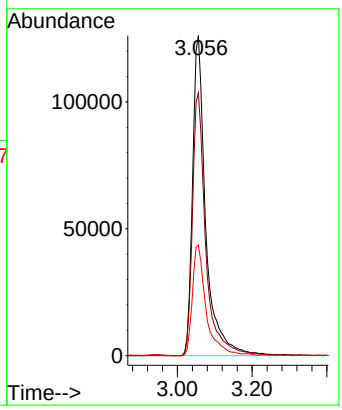


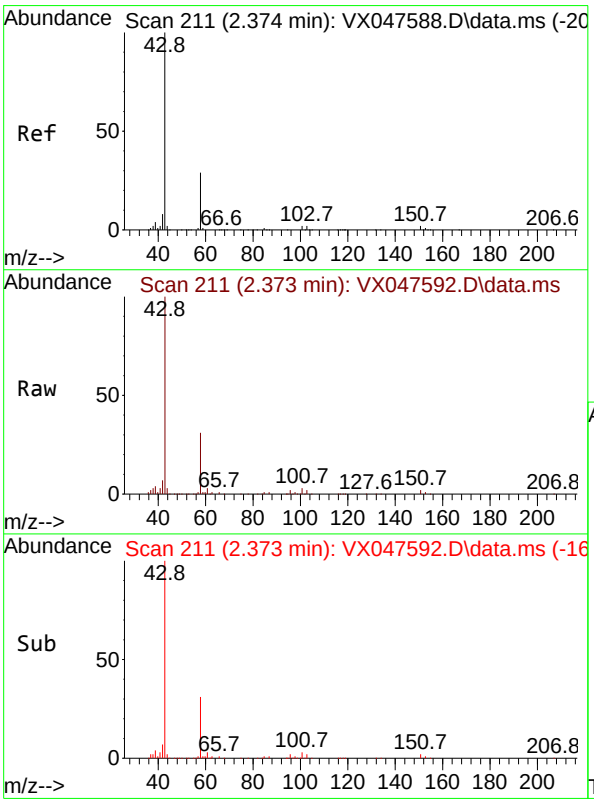
#15
Acrylonitrile
Concen: 253.567 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 53 Resp: 310505

Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.4	99.6
51	36.2	29.5	44.3

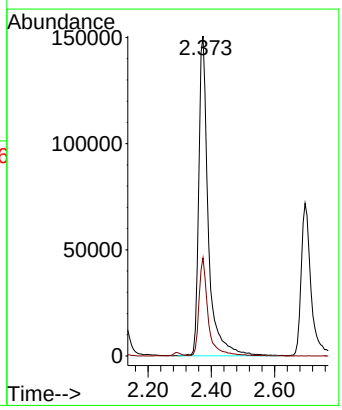


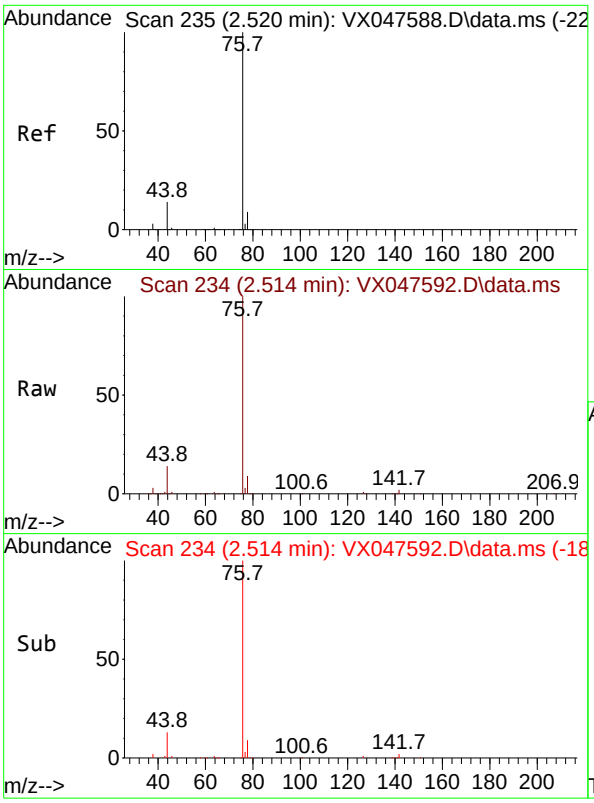


#16
Acetone
Concen: 245.006 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 316217

Ion	Ratio	Lower	Upper
43	100		
58	30.6	23.4	35.0



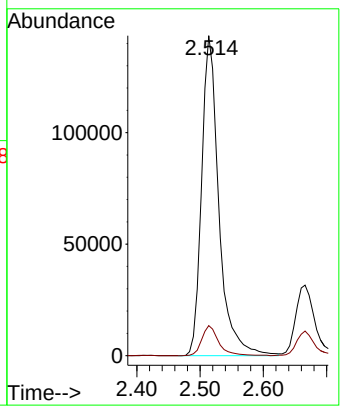


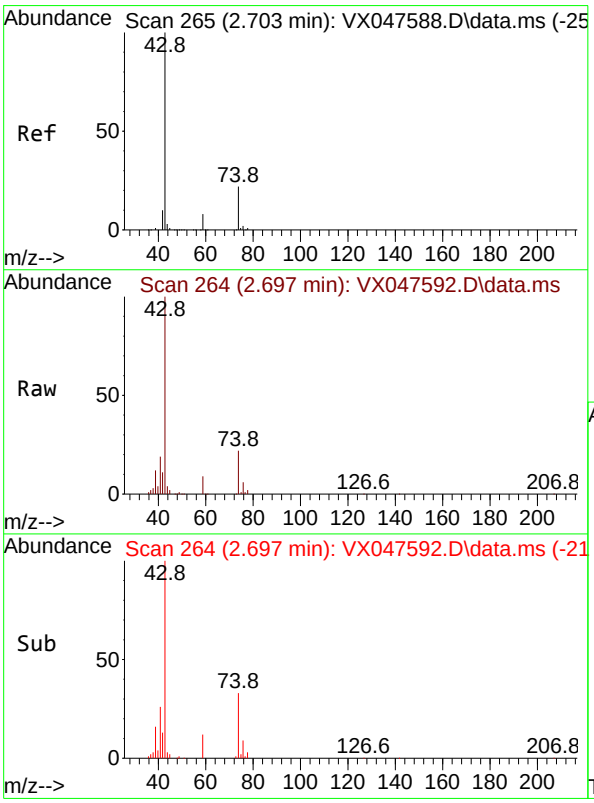
#17
Carbon Disulfide
Concen: 44.966 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 76 Resp: 272741

Ion	Ratio	Lower	Upper
76	100		
78	9.6	6.8	10.2

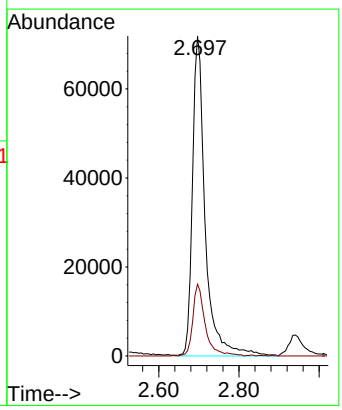


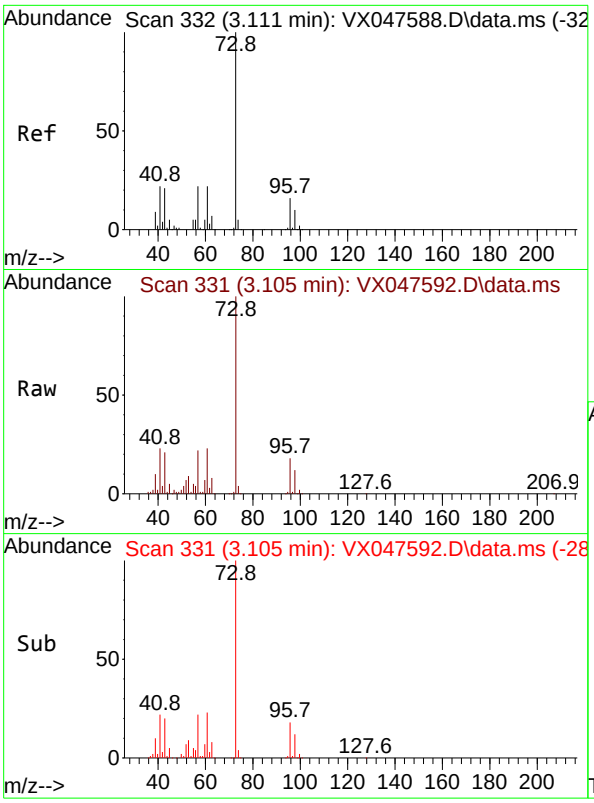


#18
Methyl Acetate
Concen: 55.175 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 158480

Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.4	26.2



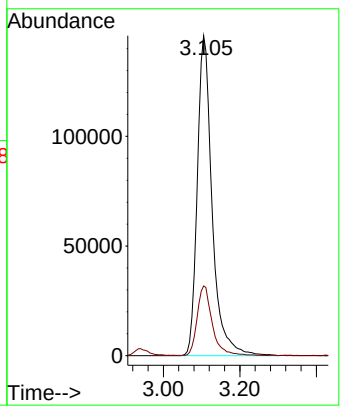


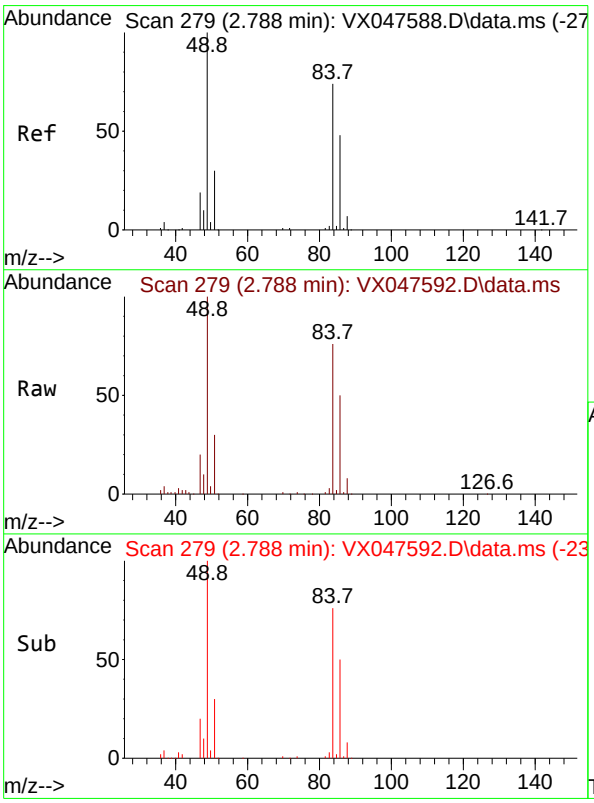
#19
Methyl tert-butyl Ether
Concen: 48.538 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 73 Resp: 392574

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.4	26.2

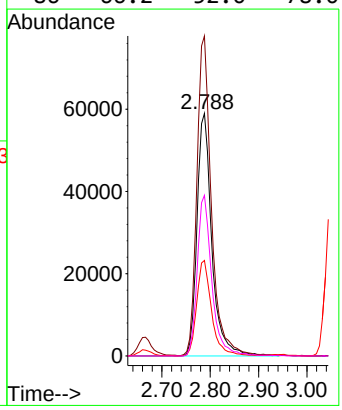


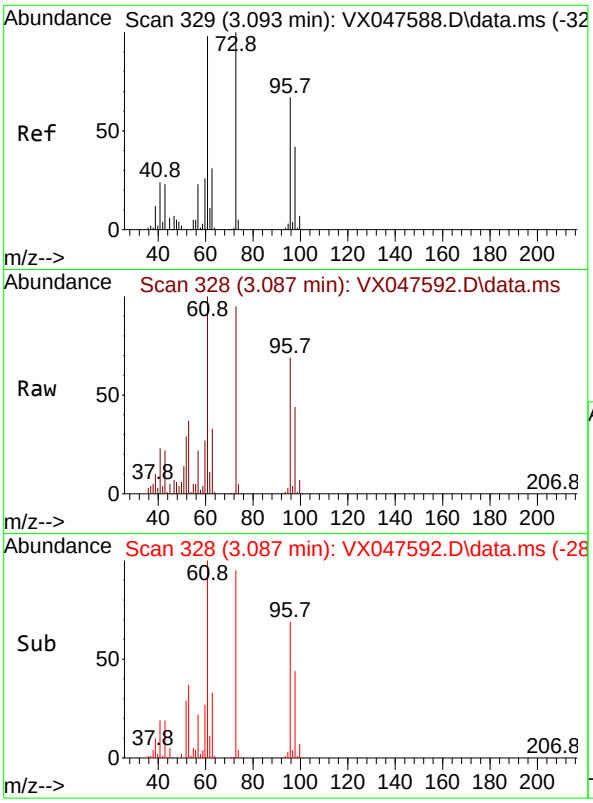


#20
Methylene Chloride
Concen: 46.000 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 84 Resp: 125669

Ion	Ratio	Lower	Upper
84	100		
49	131.8	108.6	162.8
51	39.4	32.6	48.8
86	66.2	52.0	78.0



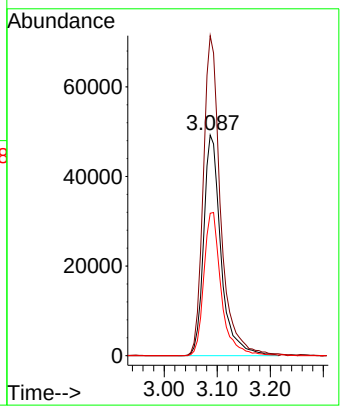


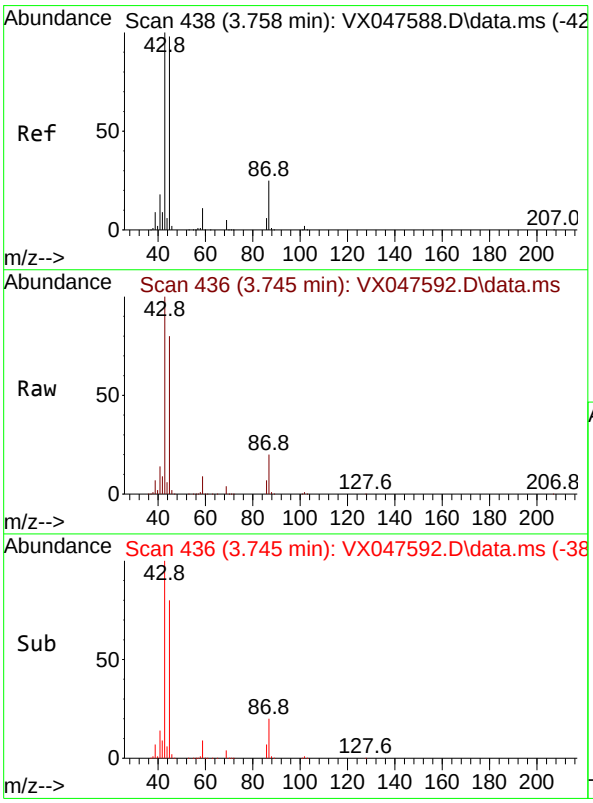
#21
trans-1,2-Dichloroethene
Concen: 46.709 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 96 Resp: 111418

Ion	Ratio	Lower	Upper
96	100		
61	145.1	116.2	174.2
98	64.5	49.3	73.9

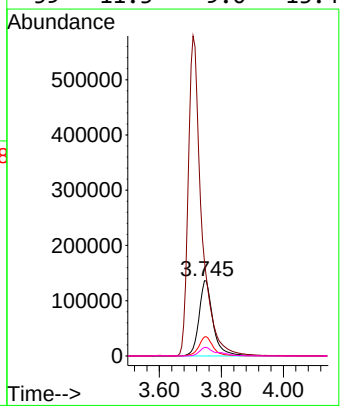


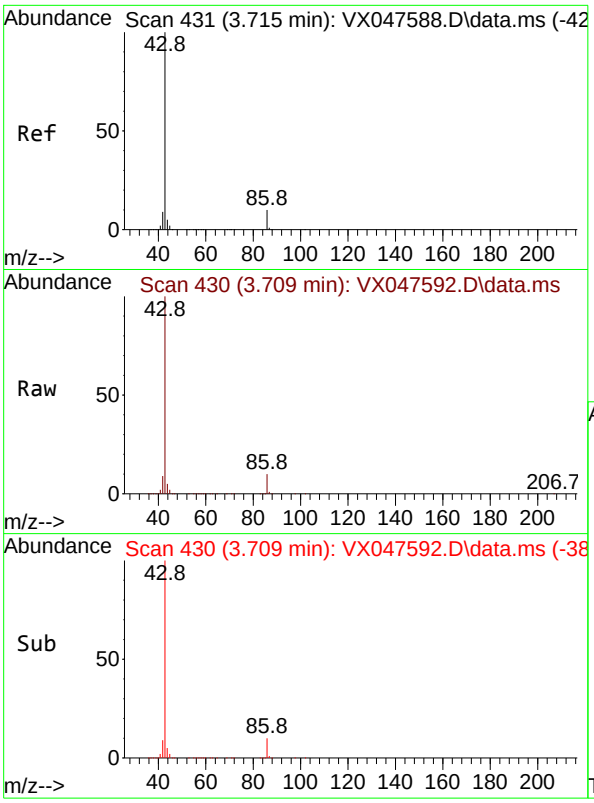


#22
Diisopropyl ether
Concen: 48.174 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 45 Resp: 426854

Ion	Ratio	Lower	Upper
45	100		
43	124.9	81.0	121.4#
87	25.2	20.3	30.5
59	11.3	9.0	13.4



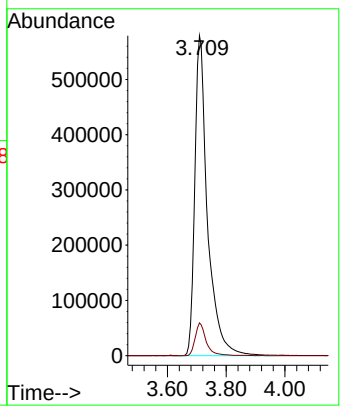


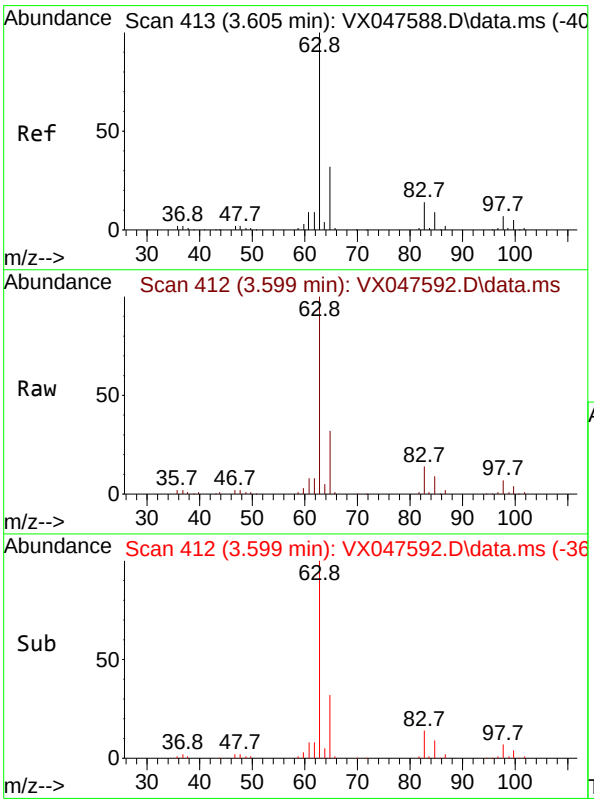
#23
Vinyl Acetate
Concen: 245.539 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 43 Resp: 1741267

Ion	Ratio	Lower	Upper
43	100		
86	10.2	7.8	11.8

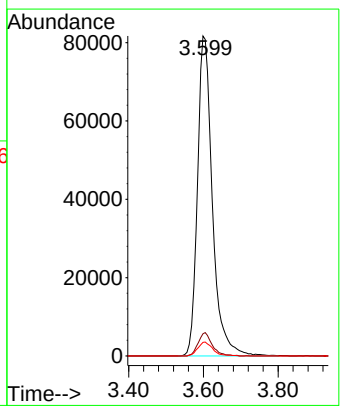


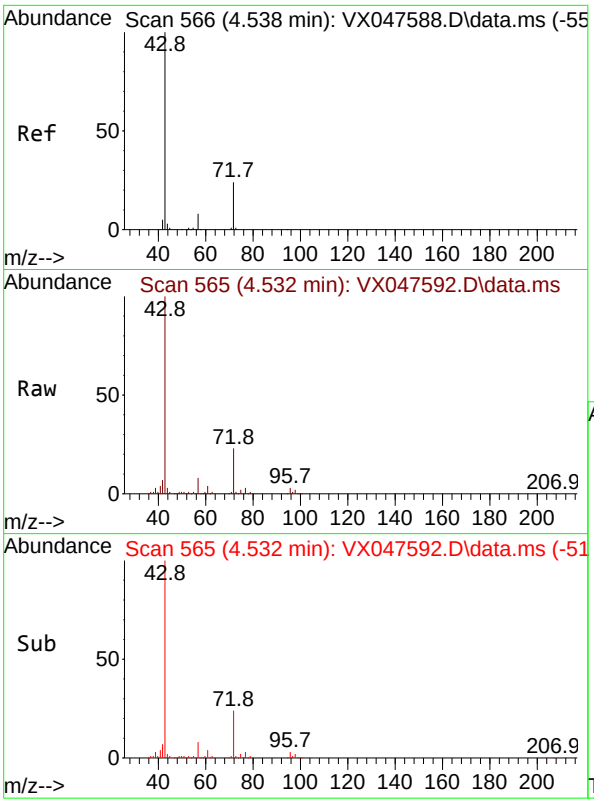


#24
1,1-Dichloroethane
Concen: 48.041 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 63 Resp: 226249

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.8	11.2
100	4.4	2.3	6.9



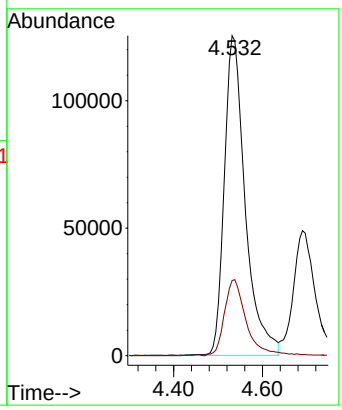


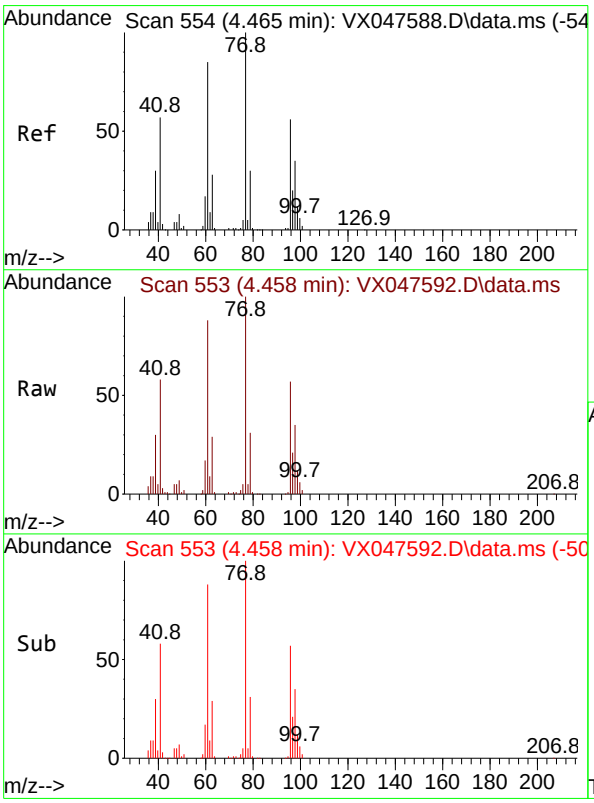
#25
2-Butanone
Concen: 253.598 ug/l
RT: 4.532 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 43 Resp: 408273

Ion	Ratio	Lower	Upper
43	100		
72	23.5	20.1	30.1

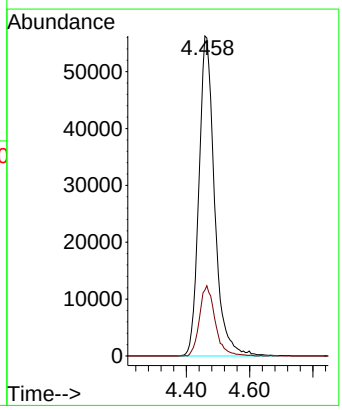


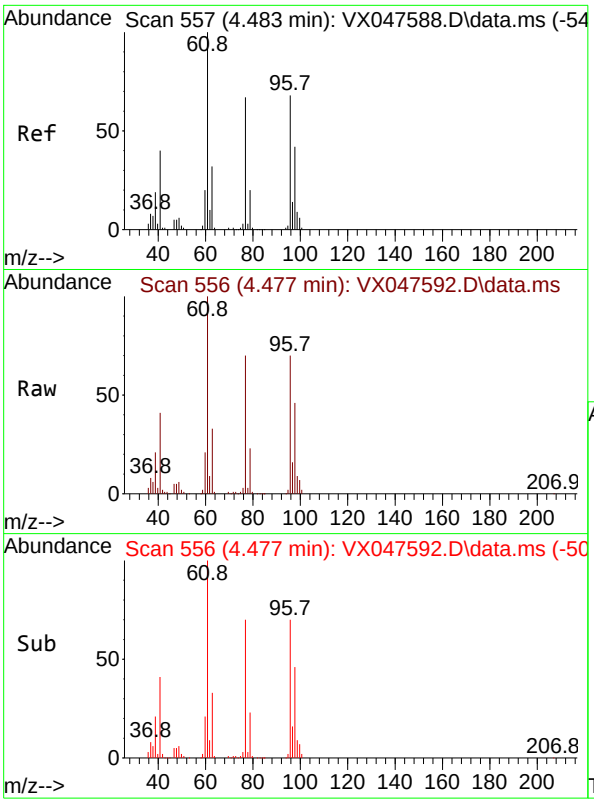


#26
2,2-Dichloropropane
Concen: 49.494 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 77 Resp: 193760

Ion	Ratio	Lower	Upper
77	100		
97	22.0	10.9	32.7



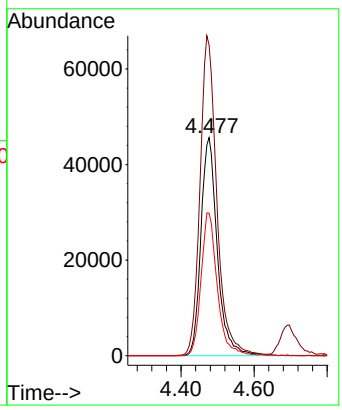


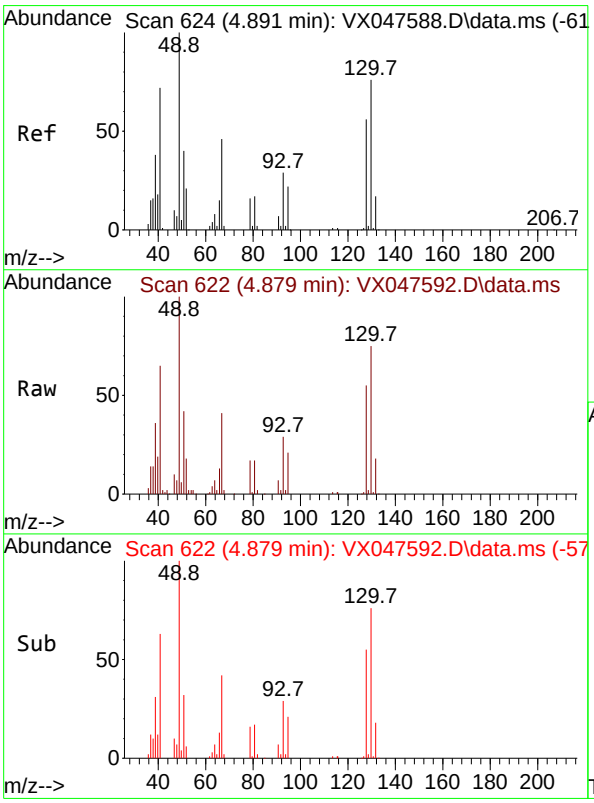
#27
cis-1,2-Dichloroethene
Concen: 48.826 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 96 Resp: 142635

Ion	Ratio	Lower	Upper
96	100		
61	149.7	0.0	303.2
98	64.3	0.0	127.8

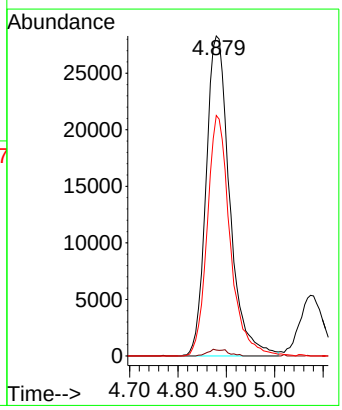


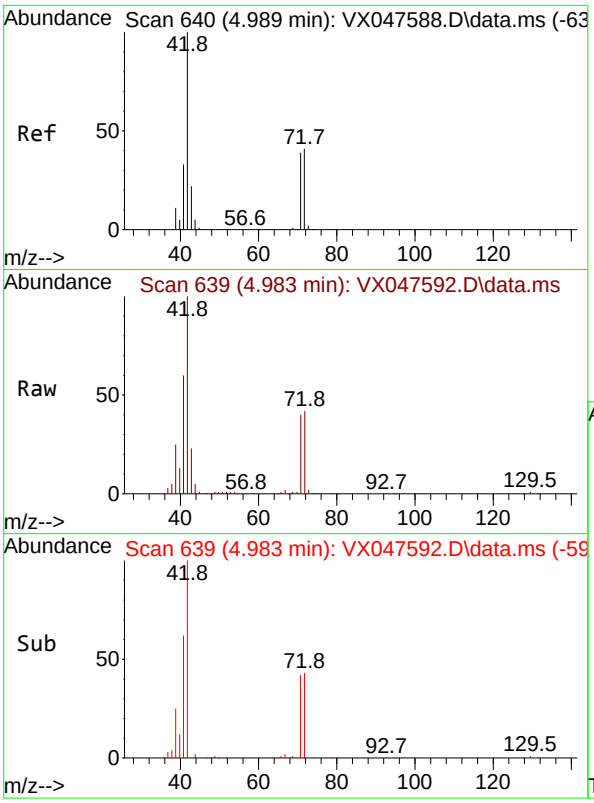


#28
Bromochloromethane
Concen: 46.586 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 49 Resp: 95782

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.2
130	72.9	57.8	86.8



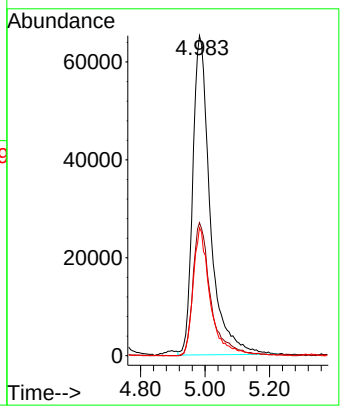


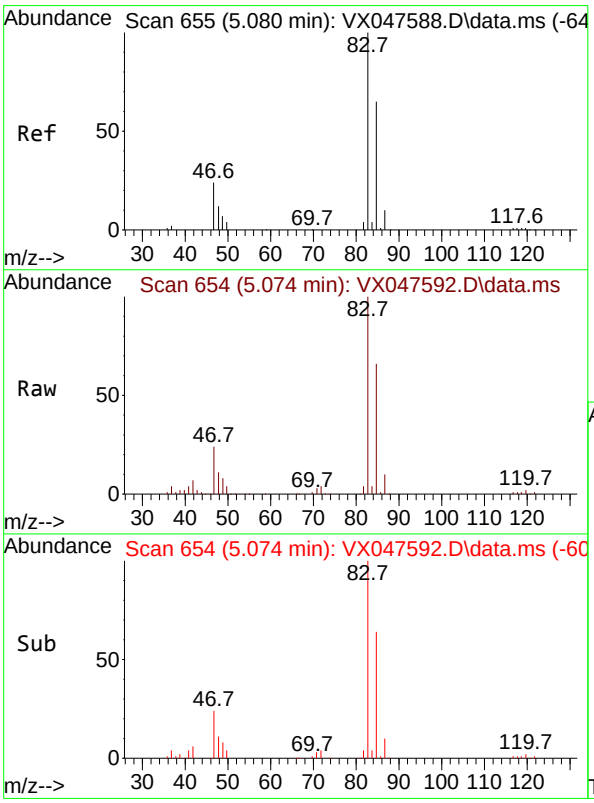
#29
Tetrahydrofuran
Concen: 253.375 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 42 Resp: 245392

Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.2	51.2
71	38.9	31.9	47.9

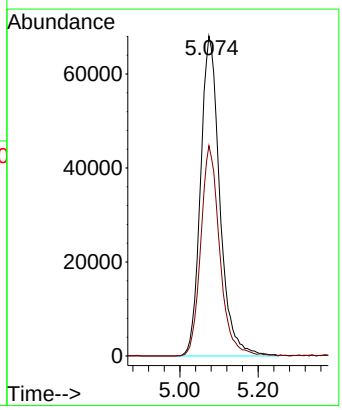


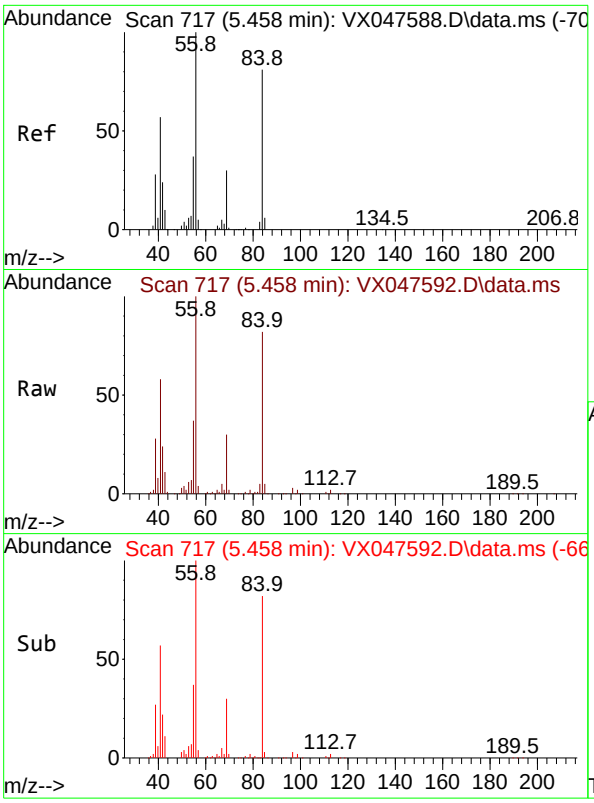


#30
Chloroform
Concen: 48.739 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 83 Resp: 231954

Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.8	77.6



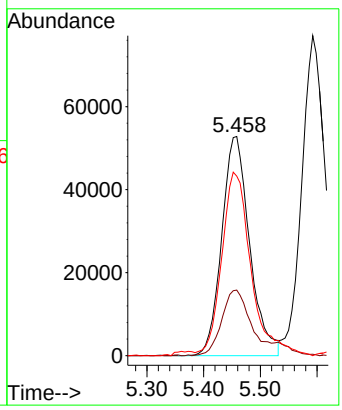


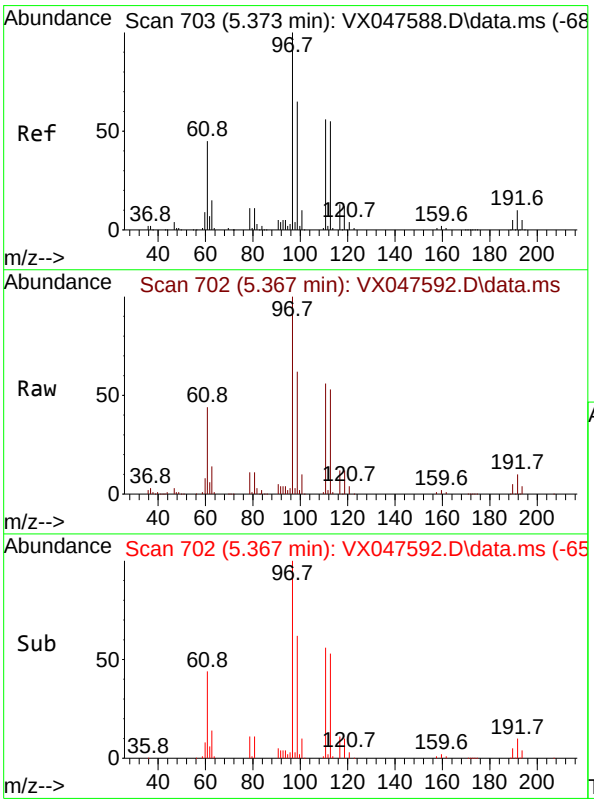
#31
Cyclohexane
Concen: 45.999 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 56 Resp: 180430

Ion	Ratio	Lower	Upper
56	100		
69	29.6	23.8	35.8
84	80.3	64.6	97.0

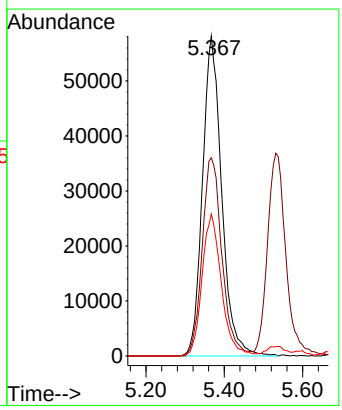


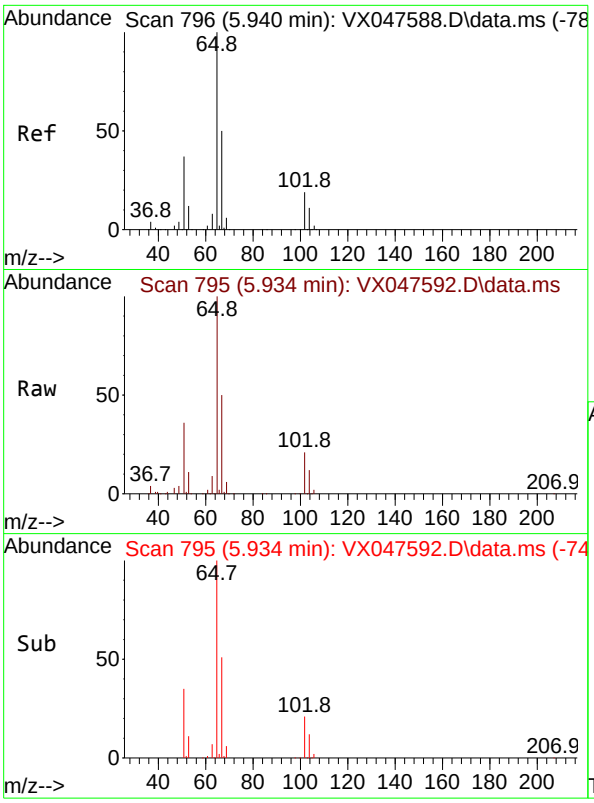


#32
1,1,1-Trichloroethane
Concen: 48.978 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 97 Resp: 197711

Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.6	76.0
61	44.6	35.8	53.8



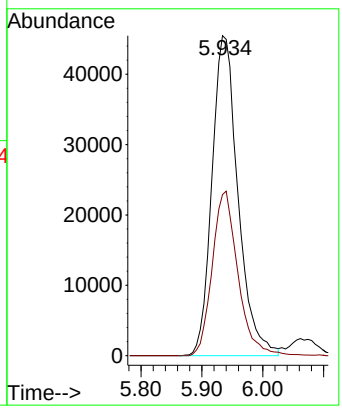


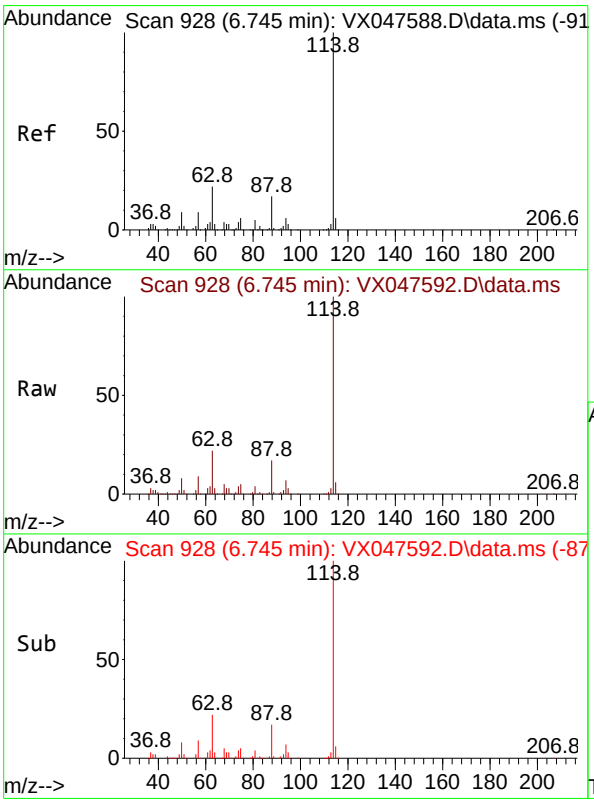
#33
1,2-Dichloroethane-d4
Concen: 45.550 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 65 Resp: 135209

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	103.0

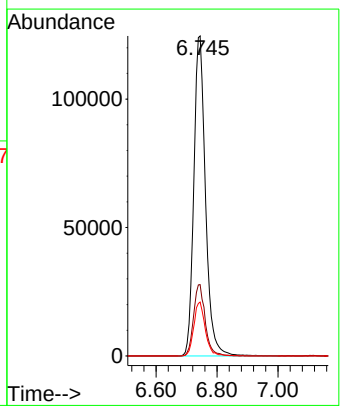


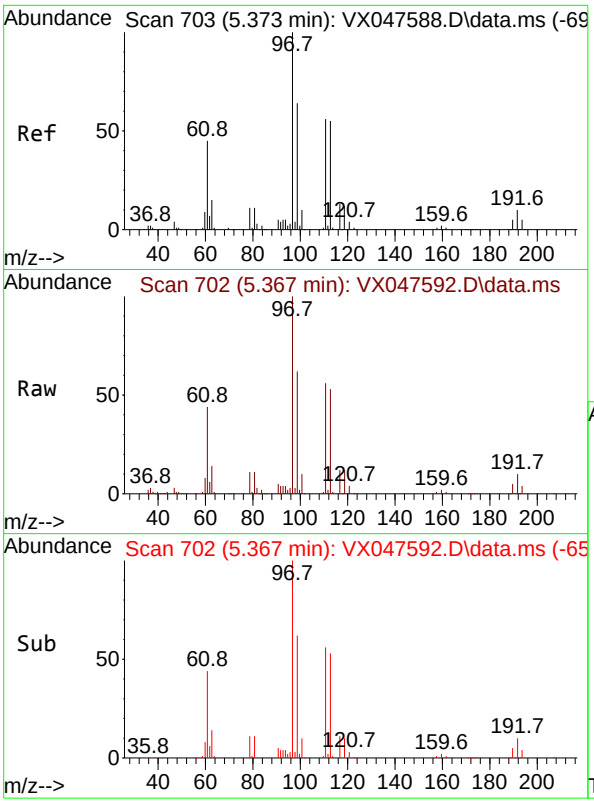


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:114 Resp: 331837

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.0
88	16.8	0.0	34.2



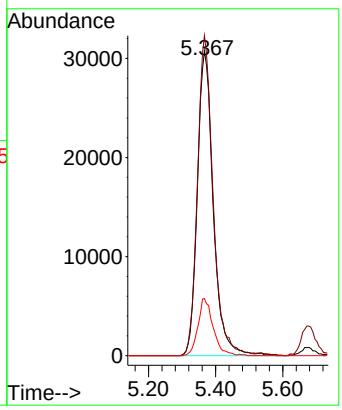


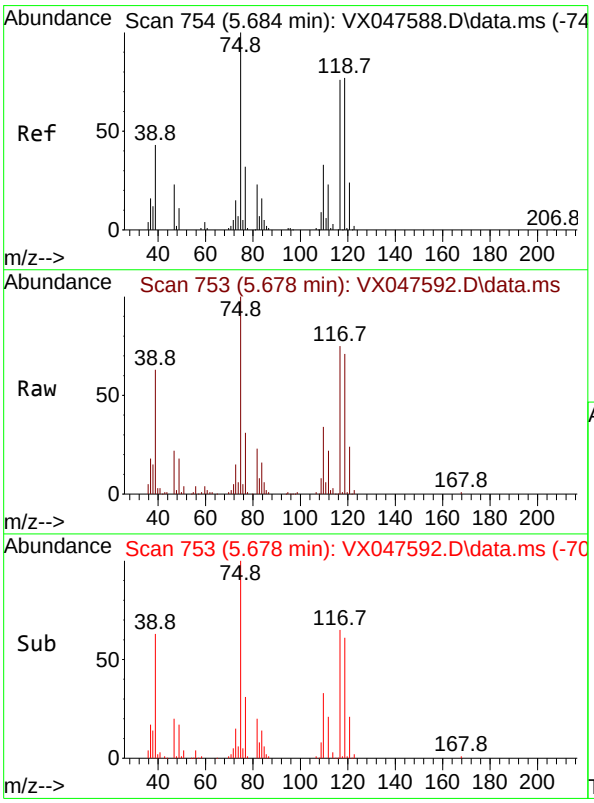
#35
Dibromofluoromethane
Concen: 45.559 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:113 Resp: 101390

Ion	Ratio	Lower	Upper
113	100		
111	103.2	80.9	121.3
192	17.9	14.2	21.4

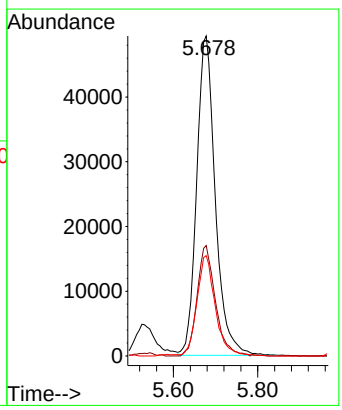


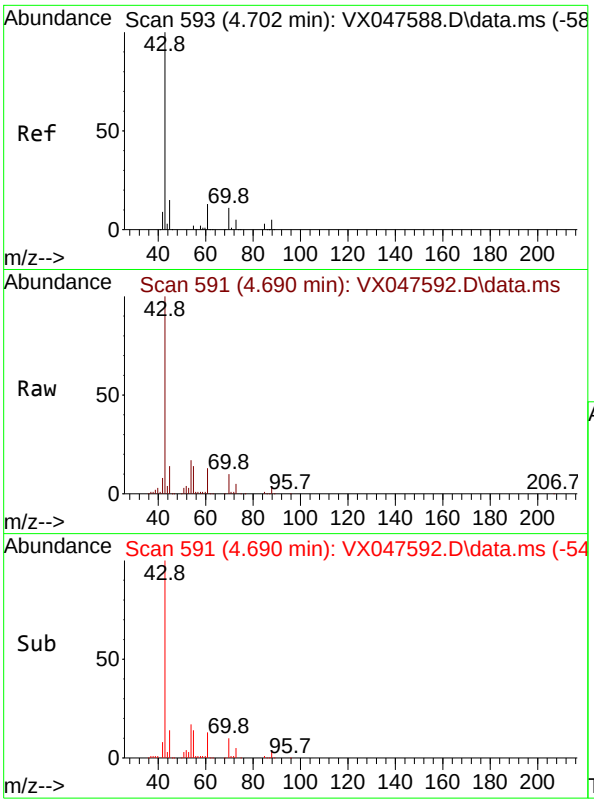


#36
1,1-Dichloropropene
Concen: 46.663 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 75 Resp: 151745

Ion	Ratio	Lower	Upper
75	100		
110	33.9	16.7	50.1
77	31.0	24.3	36.5



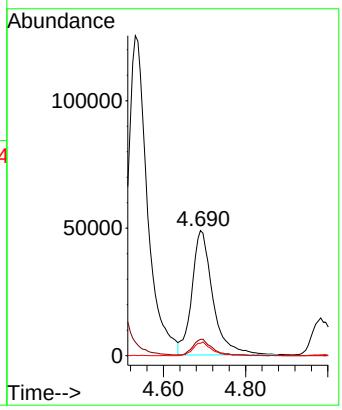


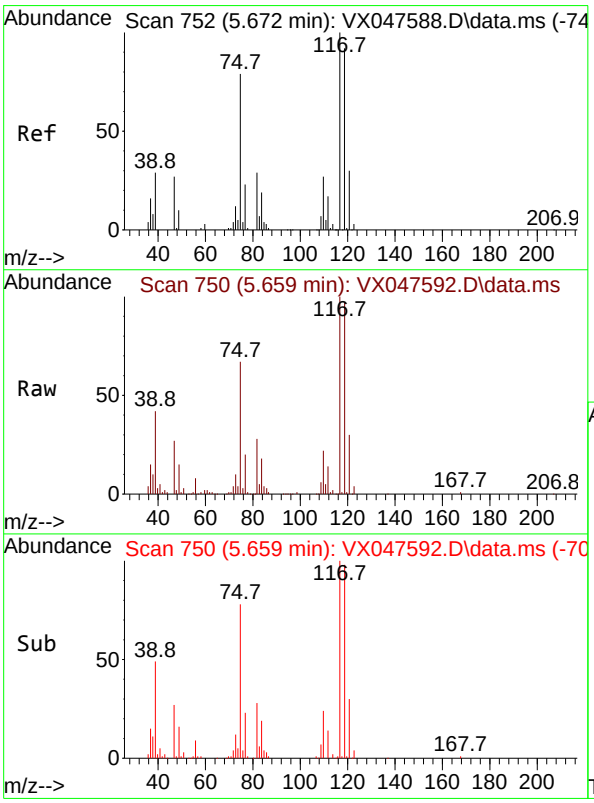
#37
Ethyl Acetate
Concen: 49.241 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 43 Resp: 171454

Ion	Ratio	Lower	Upper
43	100		
61	10.8	9.8	14.8
70	9.8	7.9	11.9

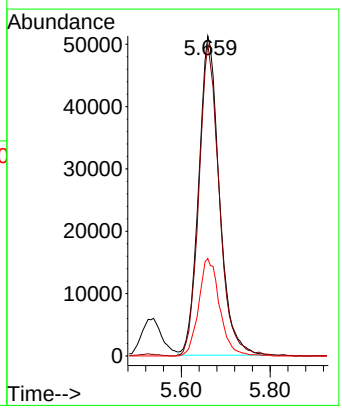


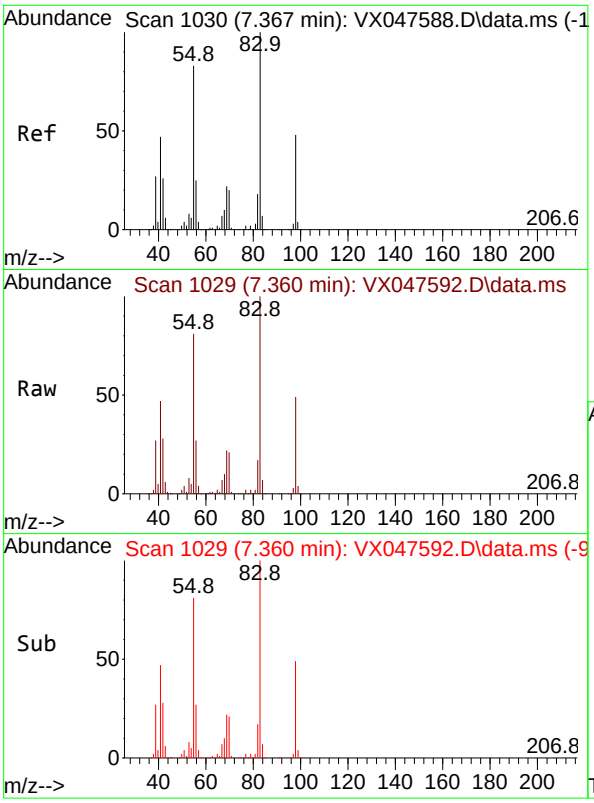


#38
Carbon Tetrachloride
Concen: 46.935 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:117 Resp: 165834

Ion	Ratio	Lower	Upper
117	100		
119	97.6	73.4	110.2
121	30.5	23.8	35.6



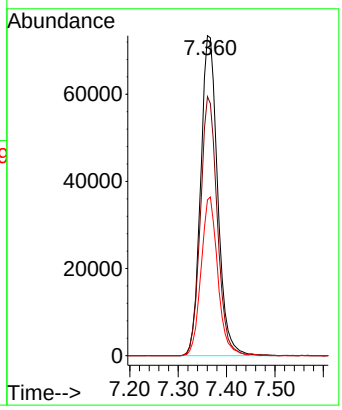


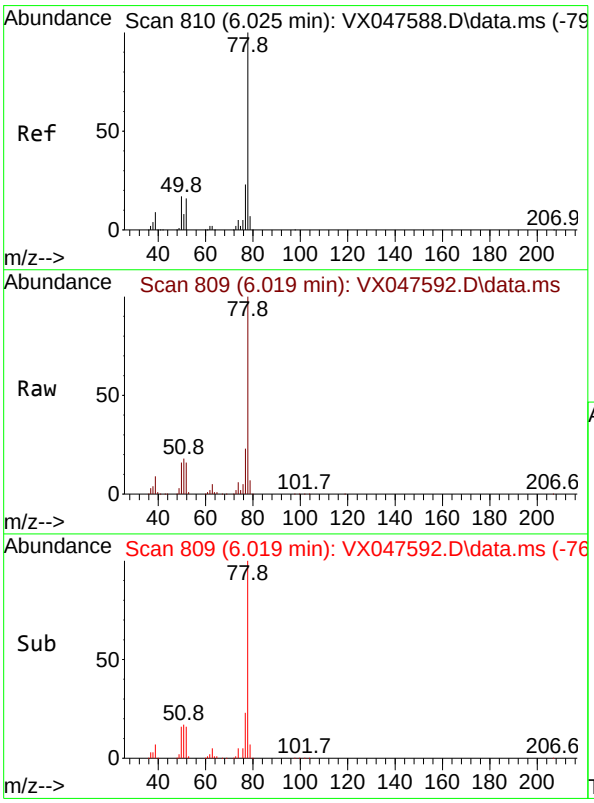
#39
Methylcyclohexane
Concen: 48.597 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 83 Resp: 179392

Ion	Ratio	Lower	Upper
83	100		
55	81.0	66.4	99.6
98	48.7	38.1	57.1

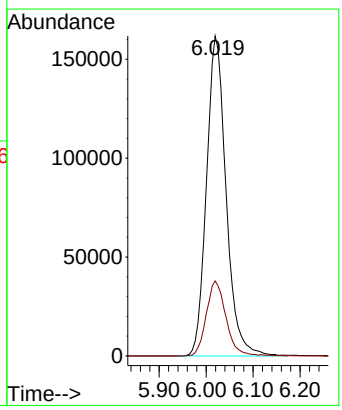


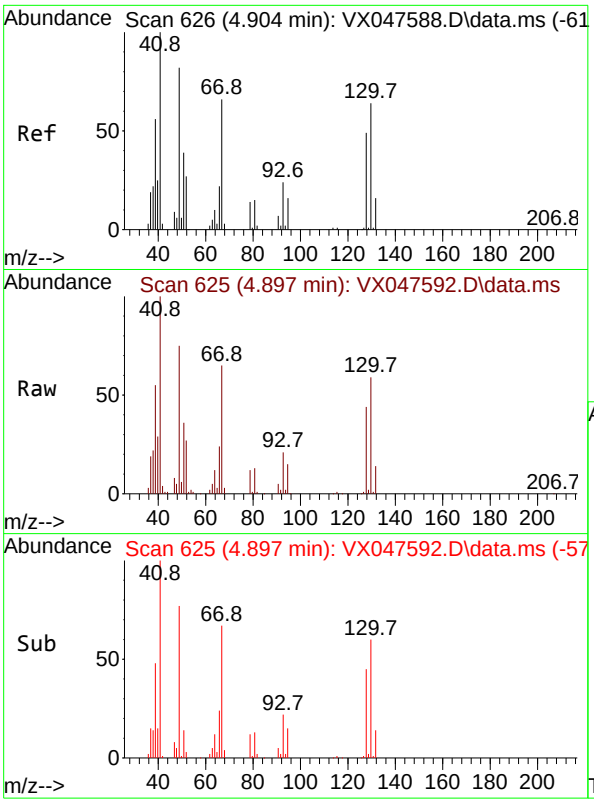


#40
Benzene
Concen: 47.357 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 78 Resp: 467748

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2



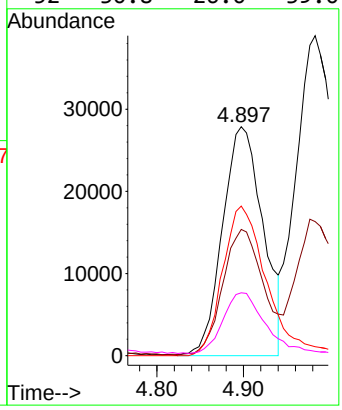


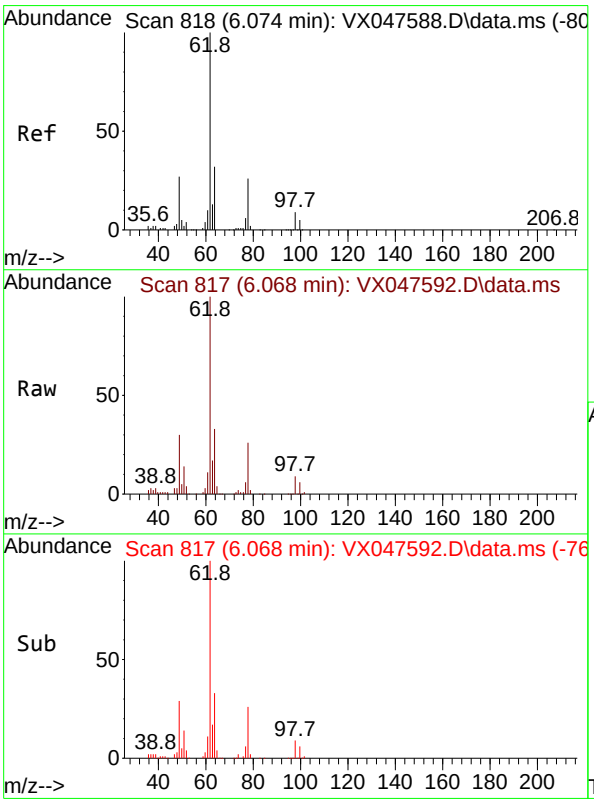
#41
Methacrylonitrile
Concen: 50.490 ug/l
RT: 4.897 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 41 Resp: 90758

Ion	Ratio	Lower	Upper
41	100		
39	55.9	43.3	64.9
67	72.5	58.6	87.8
52	30.8	26.0	39.0

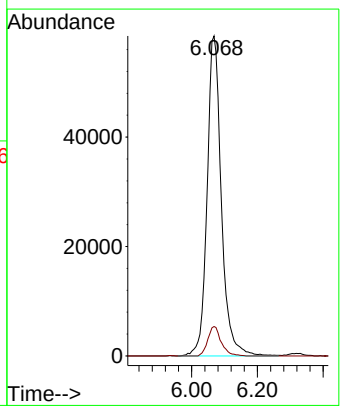


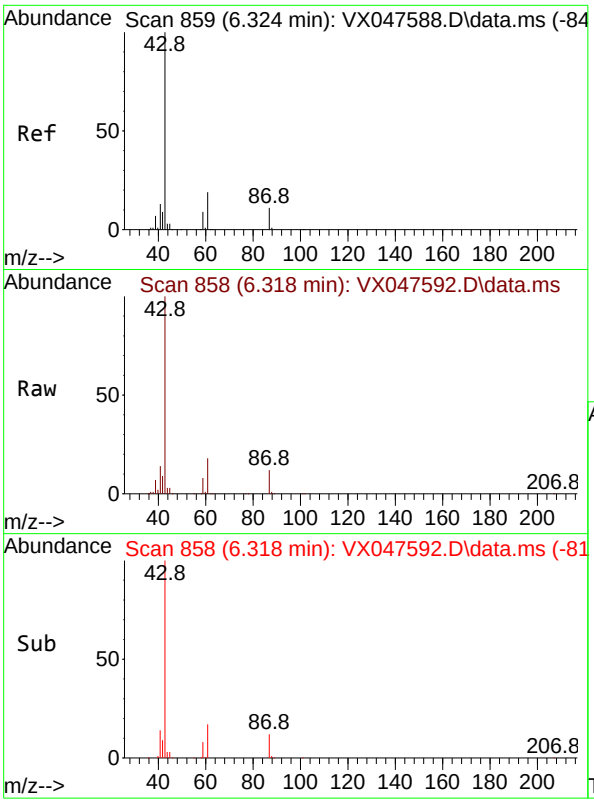


#42
1,2-Dichloroethane
Concen: 46.867 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 62 Resp: 176131

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0



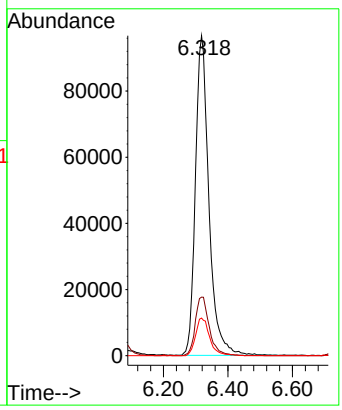


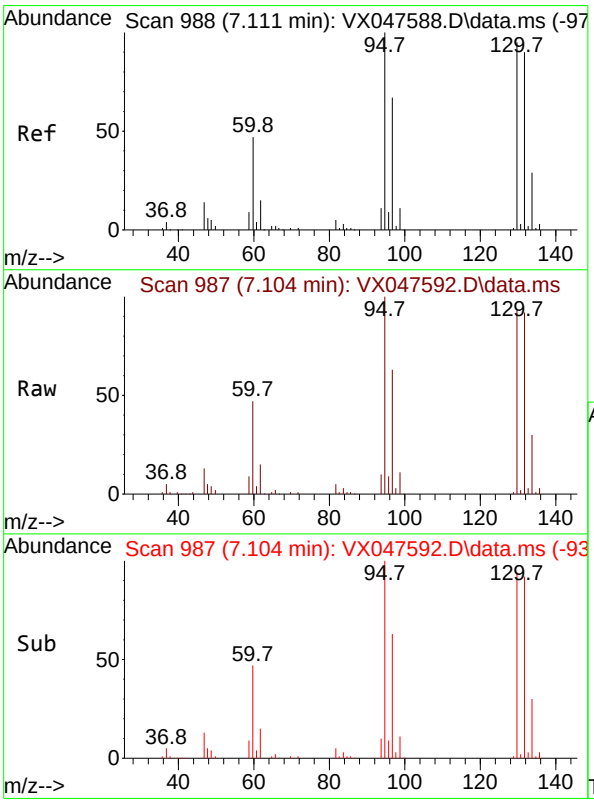
#43
Isopropyl Acetate
Concen: 49.136 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 43 Resp: 280595

Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.2	22.8
87	12.2	9.6	14.4

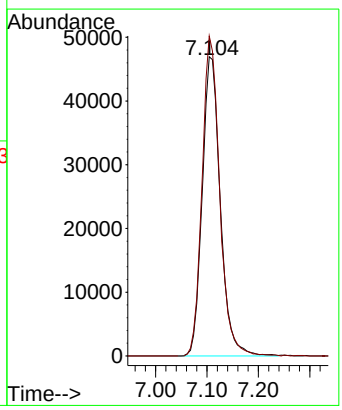


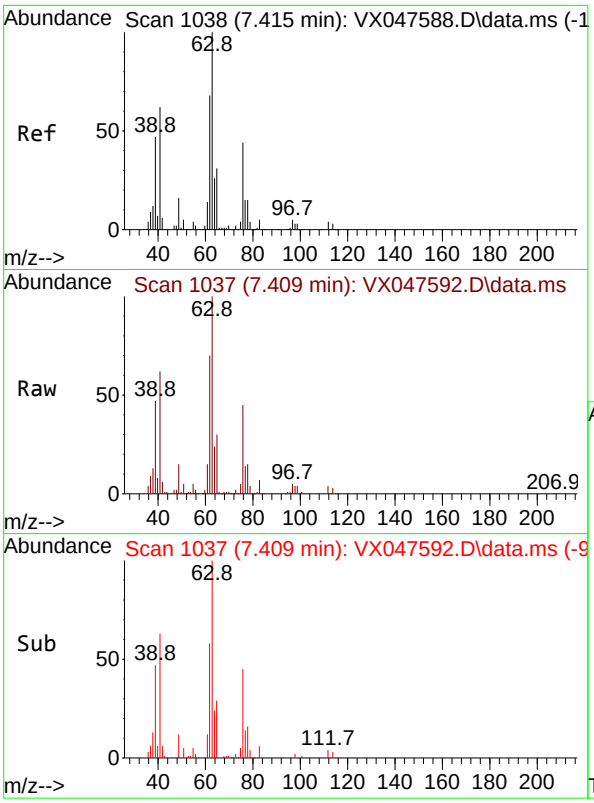


#44
Trichloroethene
Concen: 48.037 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:130 Resp: 114708

Ion	Ratio	Lower	Upper
130	100		
95	107.0	0.0	210.8



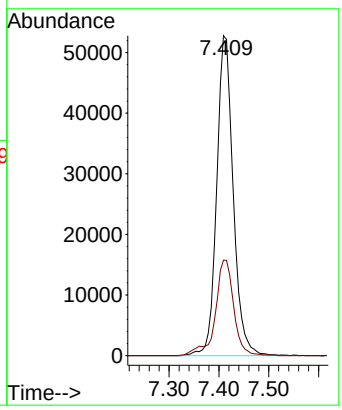


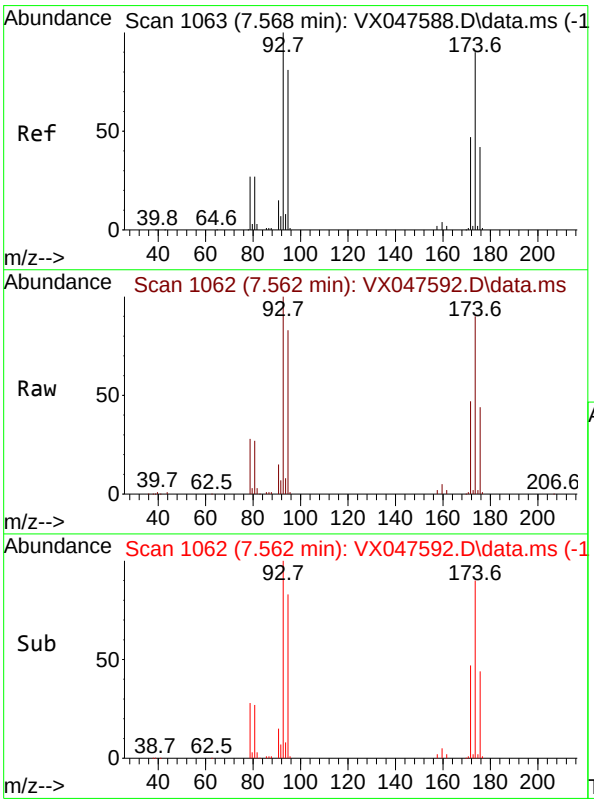
#45
1,2-Dichloropropane
Concen: 48.053 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 63 Resp: 121532

Ion	Ratio	Lower	Upper
63	100		
65	29.8	24.7	37.1

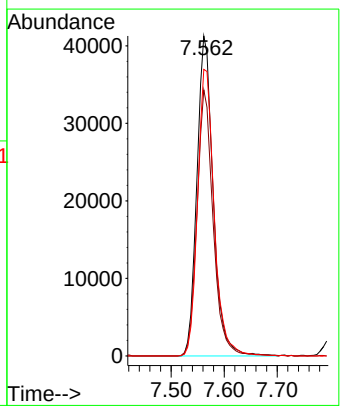


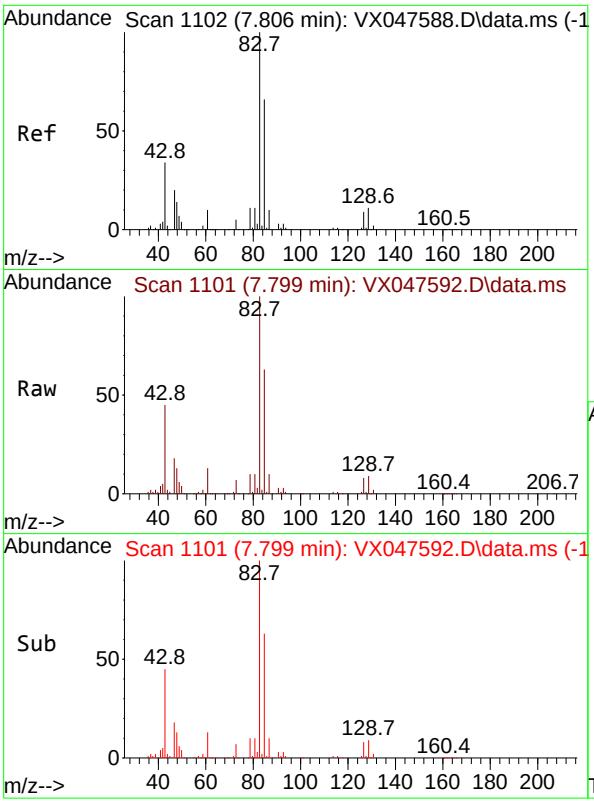


#46
Dibromomethane
Concen: 47.976 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 93 Resp: 88297

Ion	Ratio	Lower	Upper
93	100		
95	82.3	65.0	97.6
174	91.3	71.6	107.4



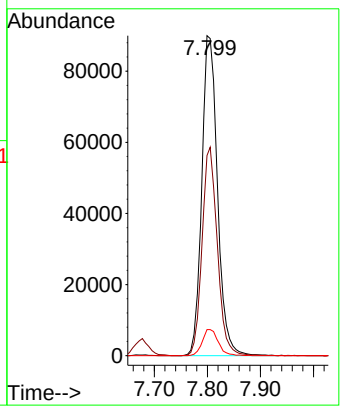


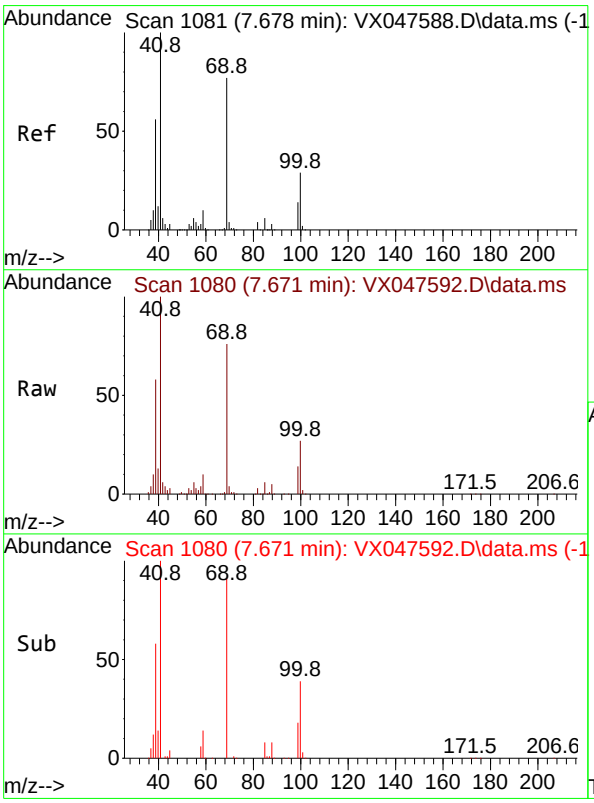
#47
Bromodichloromethane
Concen: 48.769 ug/l
RT: 7.799 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 83 Resp: 185219

Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.5	78.7
127	8.1	6.9	10.3

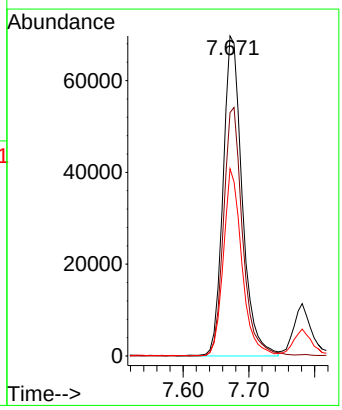


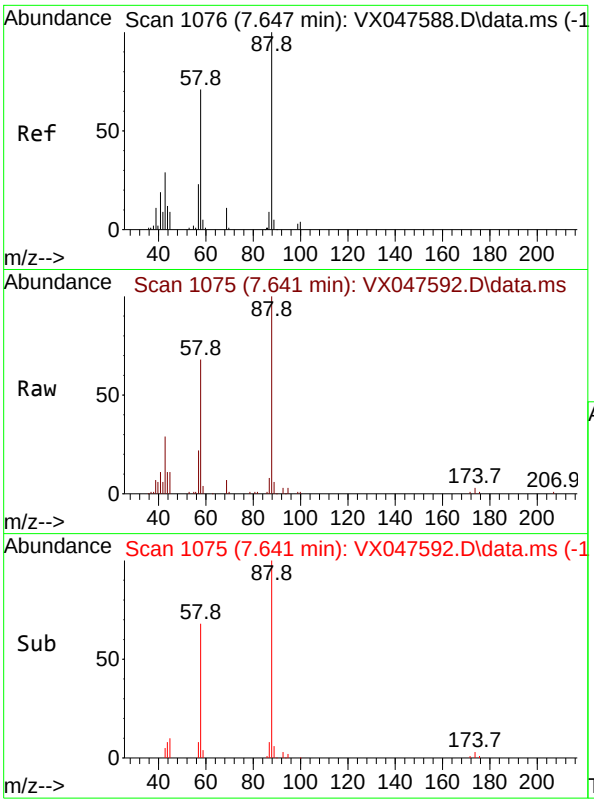


#48
Methyl methacrylate
Concen: 49.757 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 41 Resp: 141532

Ion	Ratio	Lower	Upper
41	100		
69	77.1	61.4	92.2
39	56.4	45.8	68.6



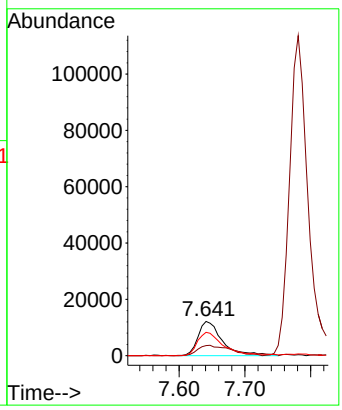


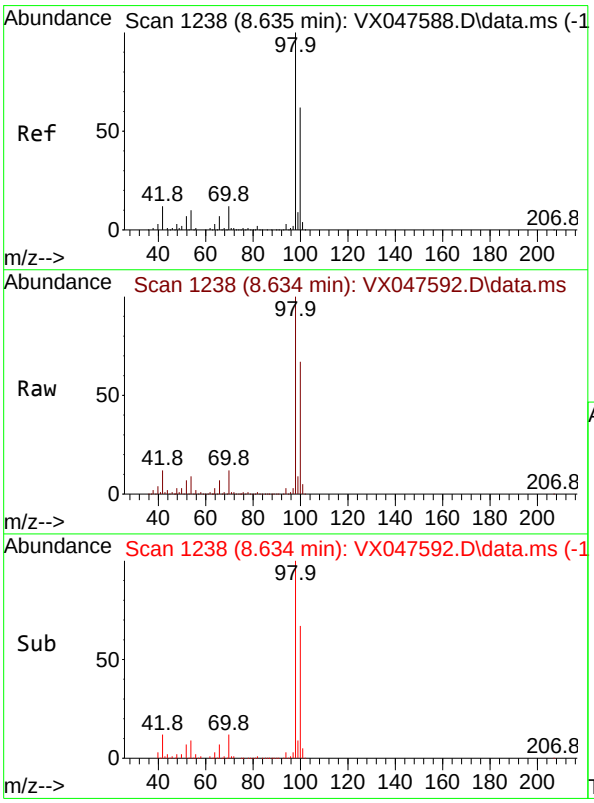
#49
1,4-Dioxane
Concen: 1089.520 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 88 Resp: 31320

Ion	Ratio	Lower	Upper
88	100		
43	40.9	30.2	45.2
58	74.1	59.5	89.3

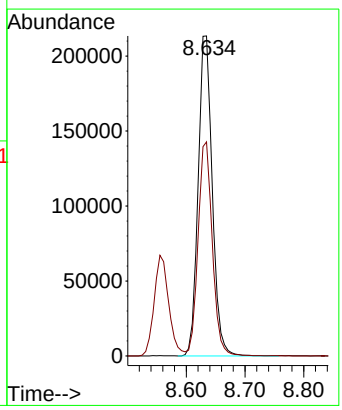


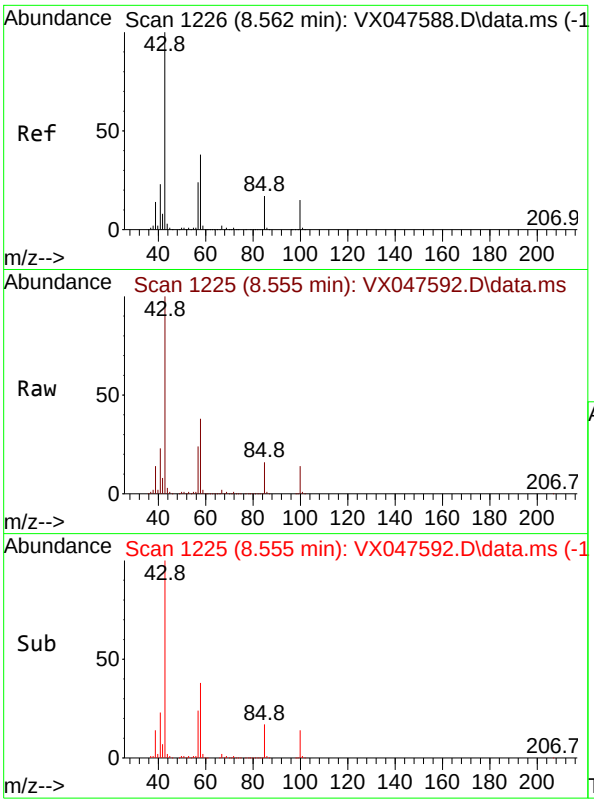


#50
Toluene-d8
Concen: 46.411 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 98 Resp: 357393

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.0	79.4



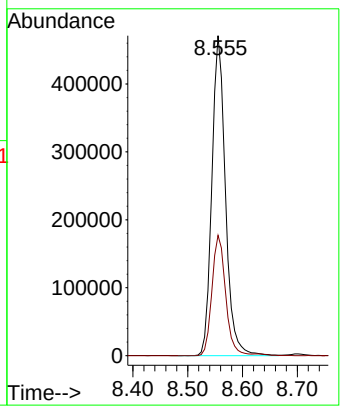


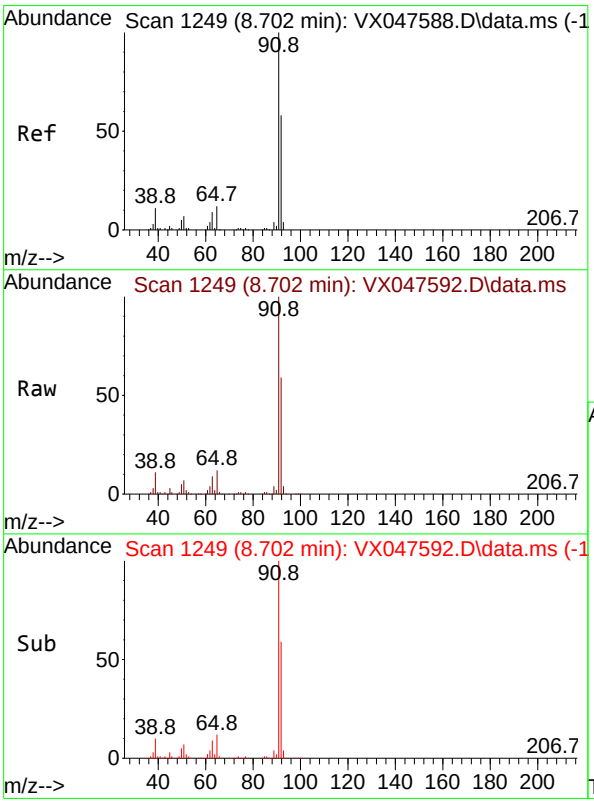
#51
4-Methyl-2-Pentanone
Concen: 255.752 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 43 Resp: 809759

Ion	Ratio	Lower	Upper
43	100		
58	37.9	30.3	45.5

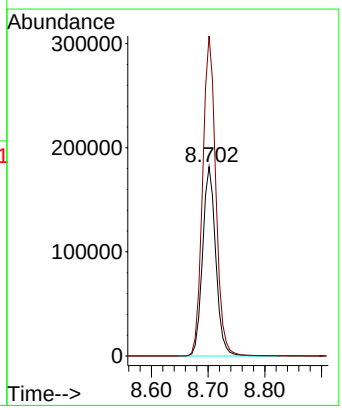


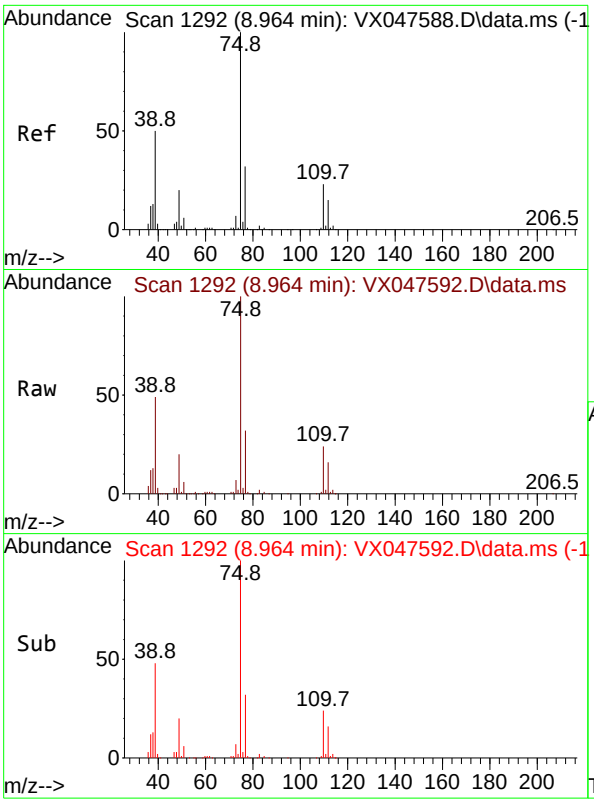


#52
Toluene
Concen: 48.130 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 92 Resp: 292879

Ion	Ratio	Lower	Upper
92	100		
91	169.4	137.1	205.7



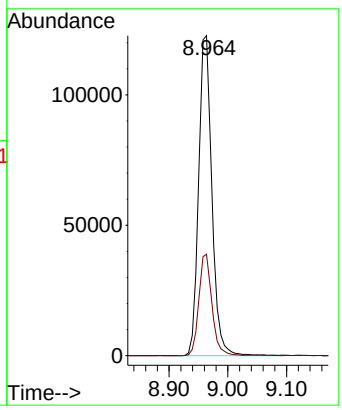


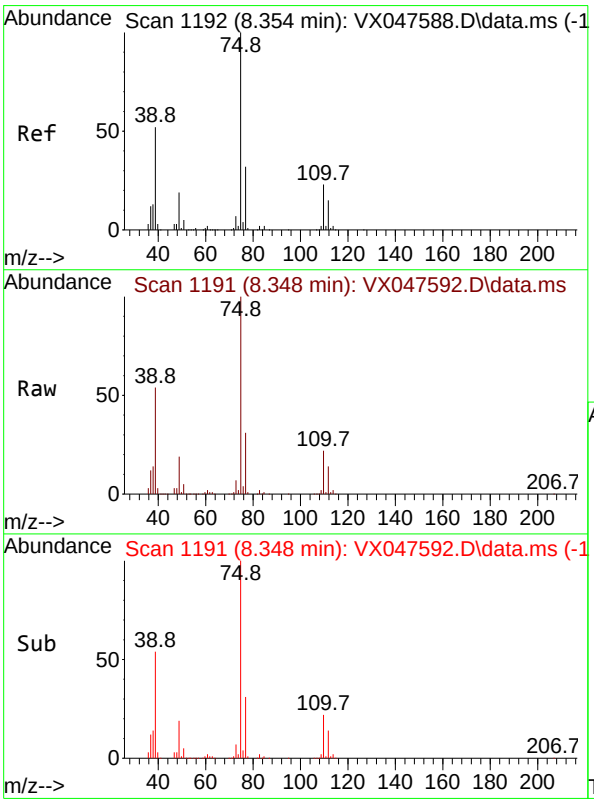
#53
t-1,3-Dichloropropene
Concen: 49.527 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 75 Resp: 191863

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.2

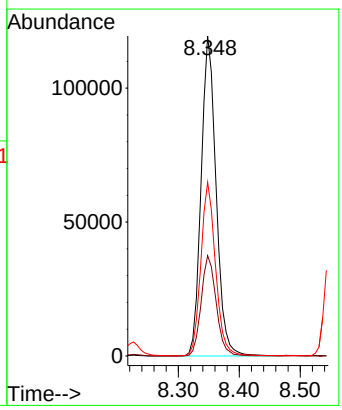


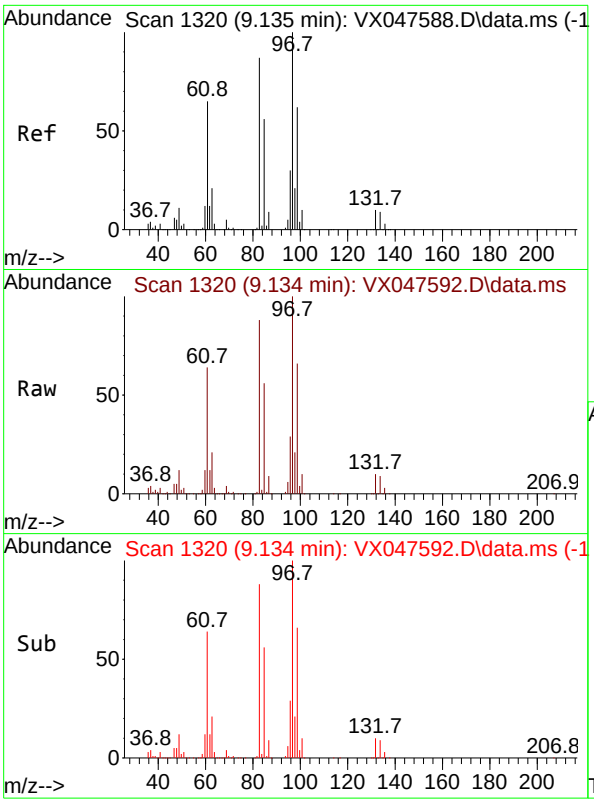


#54
cis-1,3-Dichloropropene
Concen: 49.257 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 75 Resp: 203954

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.8	38.6
39	54.2	41.4	62.2



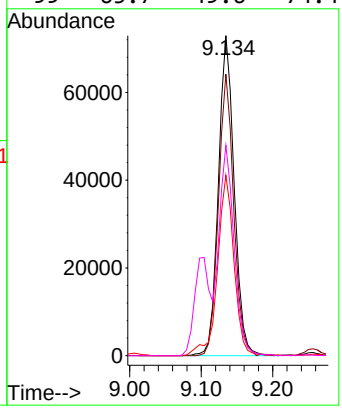


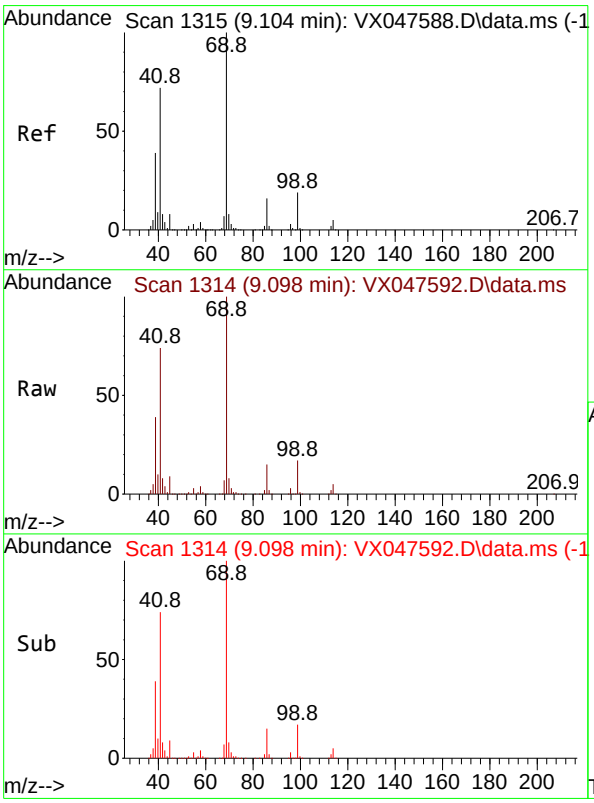
#55
1,1,2-Trichloroethane
Concen: 47.772 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 97 Resp: 112094

Ion	Ratio	Lower	Upper
97	100		
83	87.9	69.6	104.4
85	56.4	45.0	67.6
99	65.7	49.6	74.4

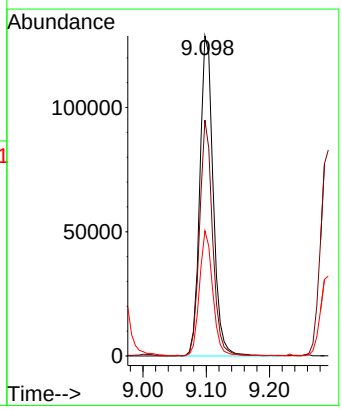


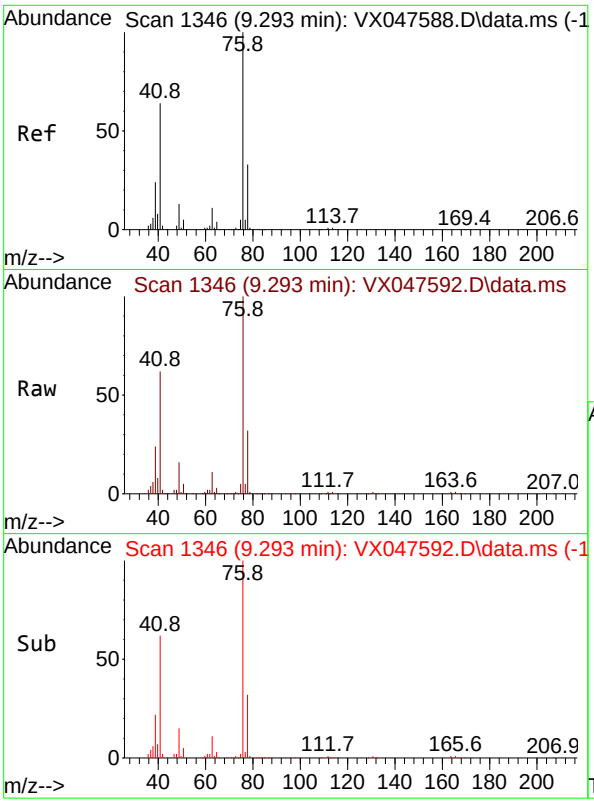


#56
Ethyl methacrylate
Concen: 51.490 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 69 Resp: 189741

Ion	Ratio	Lower	Upper
69	100		
41	71.7	58.6	87.8
39	39.0	31.5	47.3



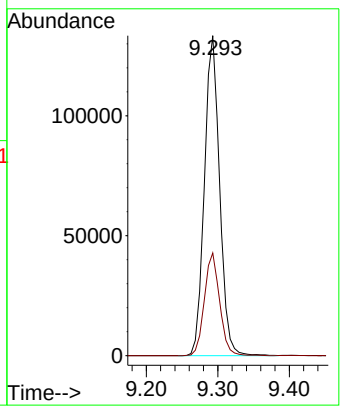


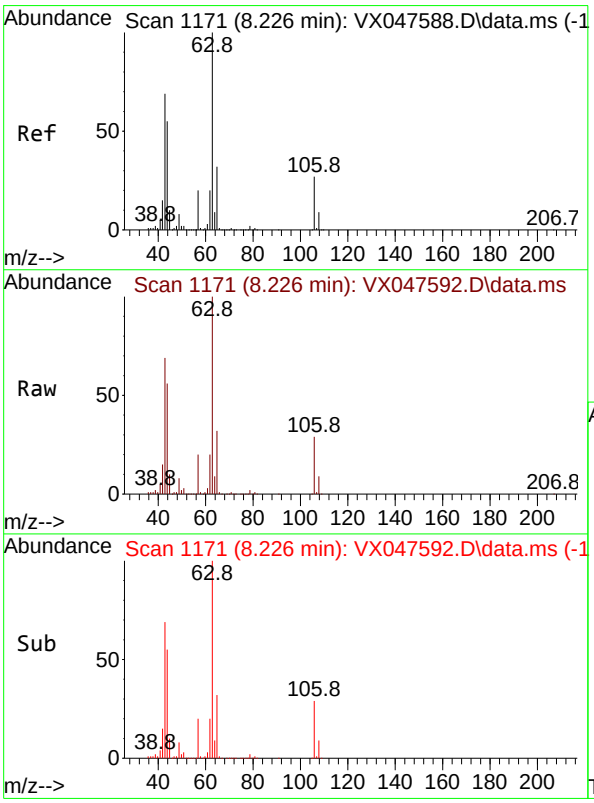
#57
1,3-Dichloropropane
Concen: 48.894 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 76 Resp: 197079

Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.2	39.4

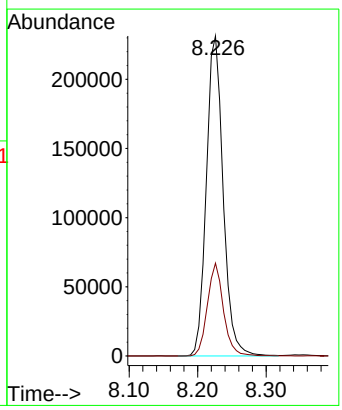


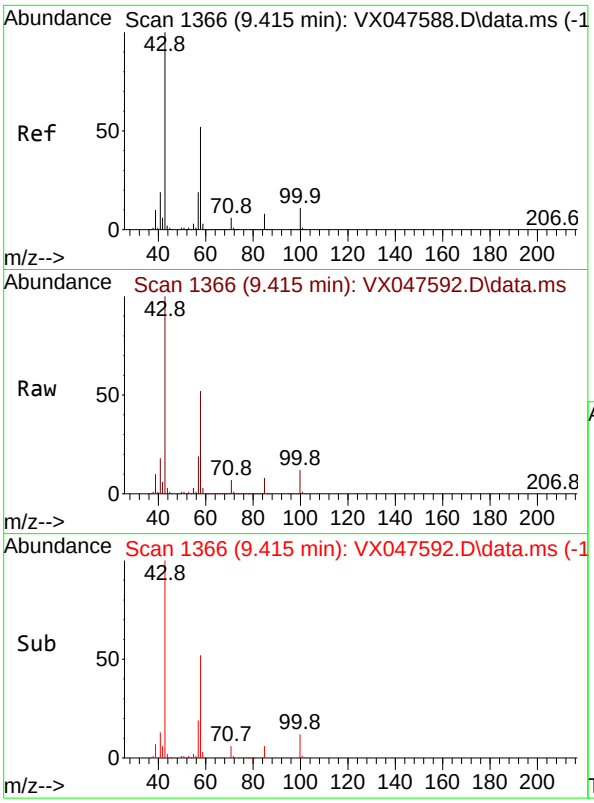


#58
2-Chloroethyl Vinyl ether
Concen: 225.562 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 63 Resp: 394205

Ion	Ratio	Lower	Upper
63	100		
106	27.8	21.9	32.9



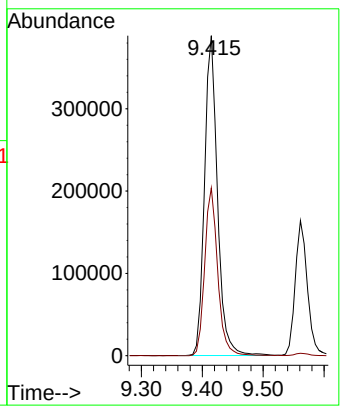


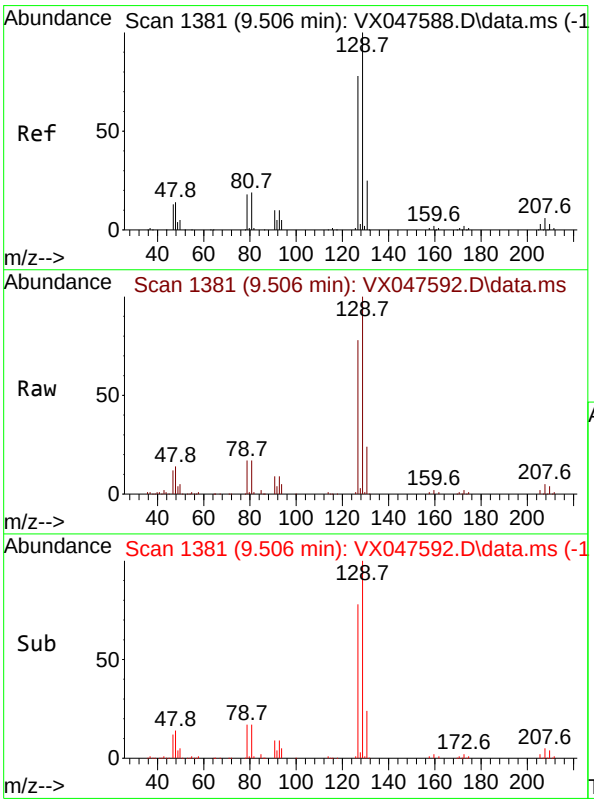
#59
2-Hexanone
Concen: 253.126 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 43 Resp: 575599

Ion	Ratio	Lower	Upper
43	100		
58	52.6	26.1	78.2

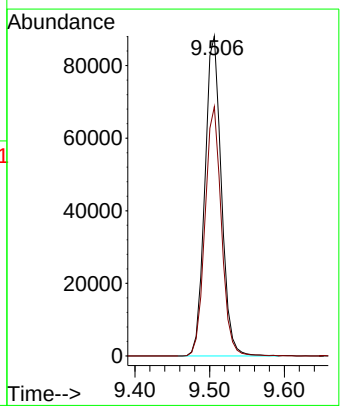


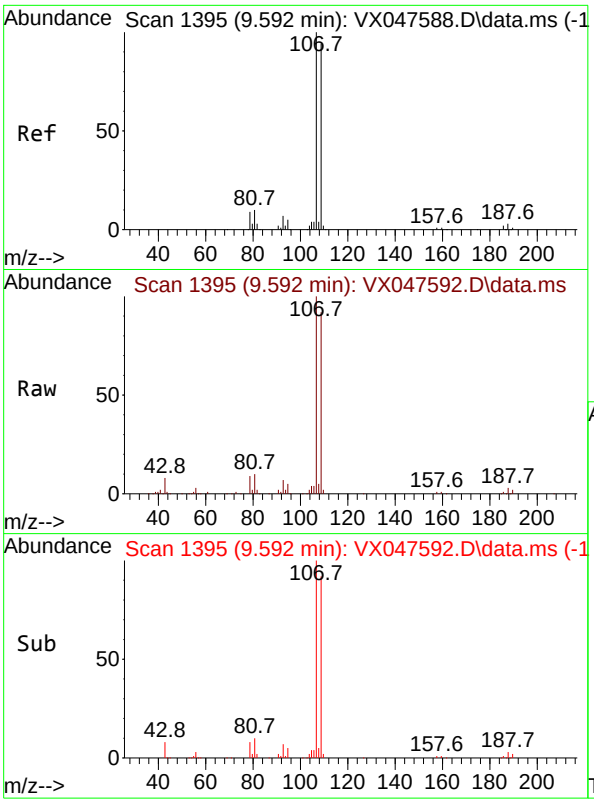


#60
Dibromochloromethane
Concen: 49.824 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:129 Resp: 134704

Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.4	115.2



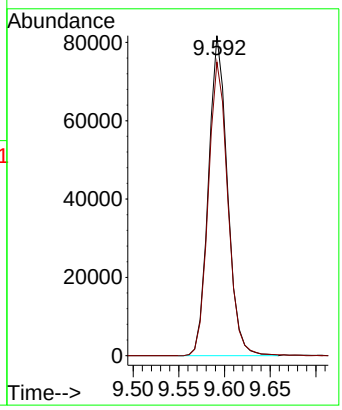


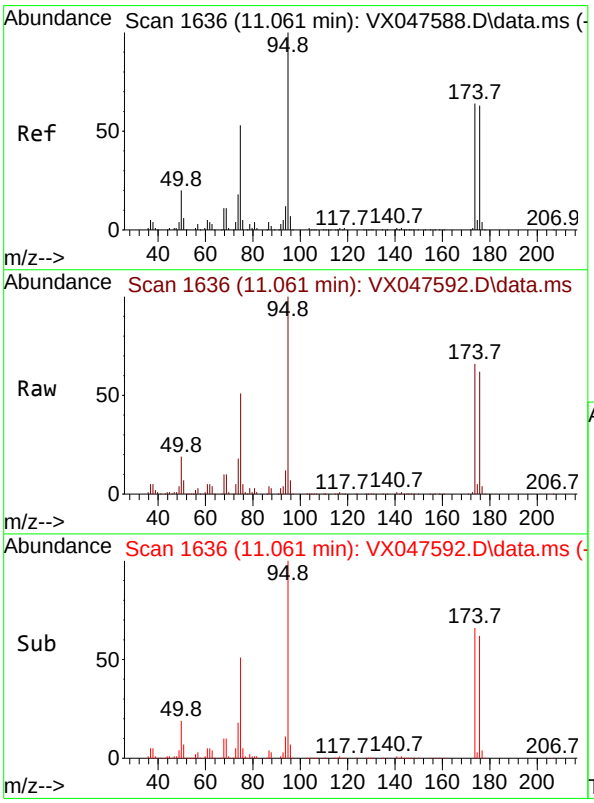
#61
1,2-Dibromoethane
Concen: 49.297 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:107 Resp: 117817

Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.3	112.9

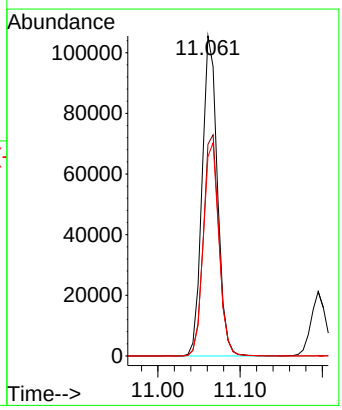


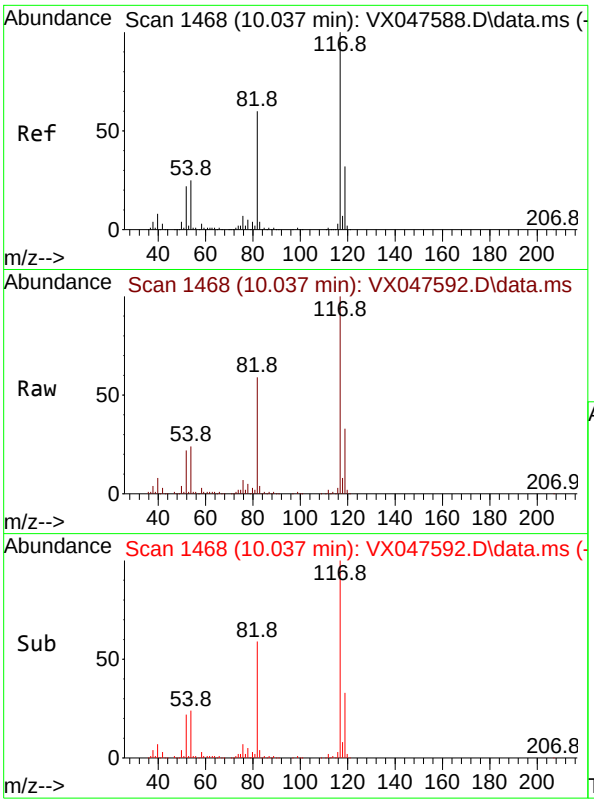


#62
4-Bromofluorobenzene
Concen: 46.520 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 95 Resp: 135957

Ion	Ratio	Lower	Upper
95	100		
174	70.3	0.0	141.6
176	68.0	0.0	138.4



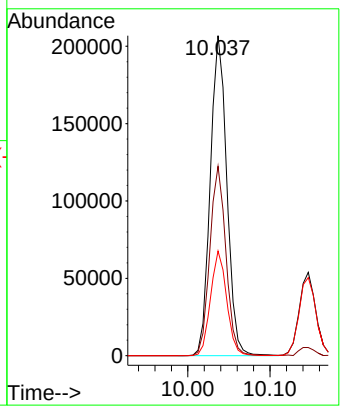


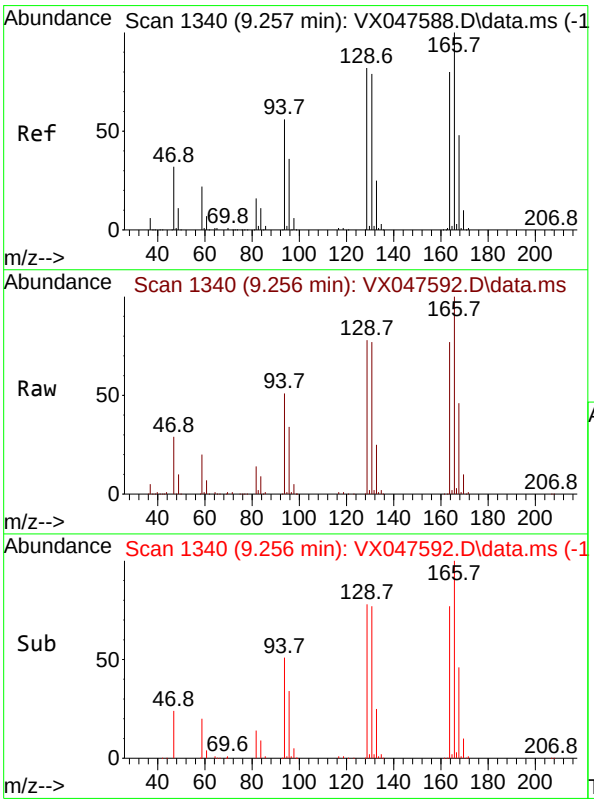
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:117 Resp: 288660

Ion	Ratio	Lower	Upper
117	100		
82	59.2	47.8	71.6
119	32.7	25.2	37.8

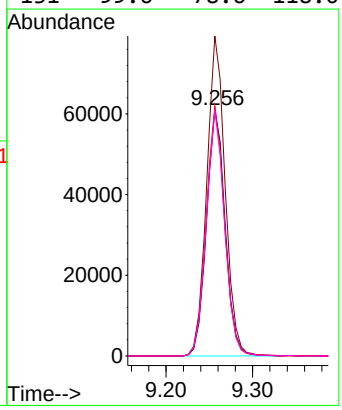


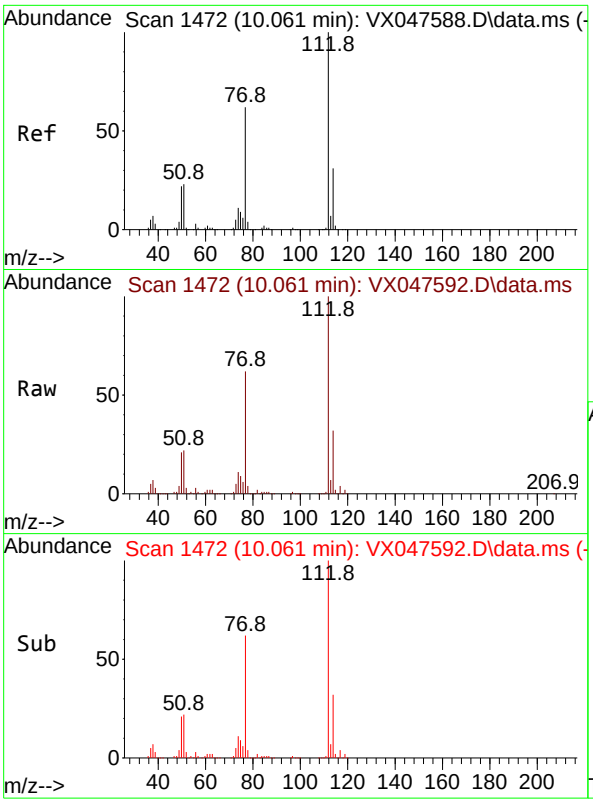


#64
Tetrachloroethene
Concen: 48.296 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:164 Resp: 90881

Ion	Ratio	Lower	Upper
164	100		
166	129.8	100.2	150.2
129	101.3	81.8	122.6
131	99.6	78.6	118.0



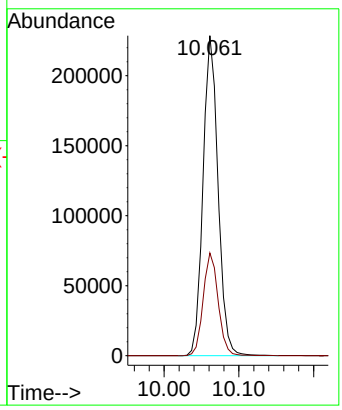


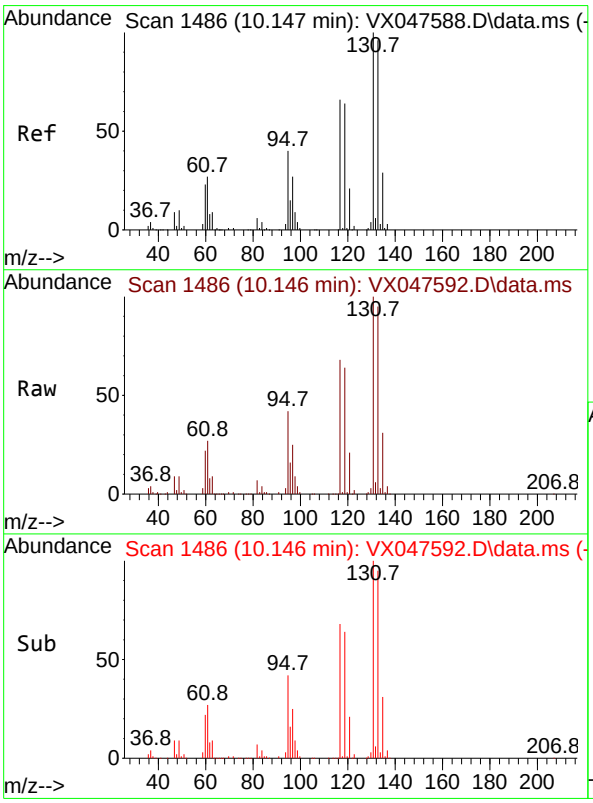
#65
Chlorobenzene
Concen: 48.549 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:112 Resp: 318372

Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.1	37.7

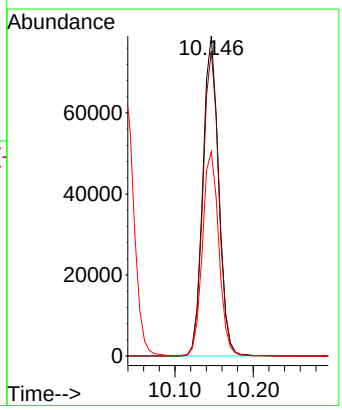


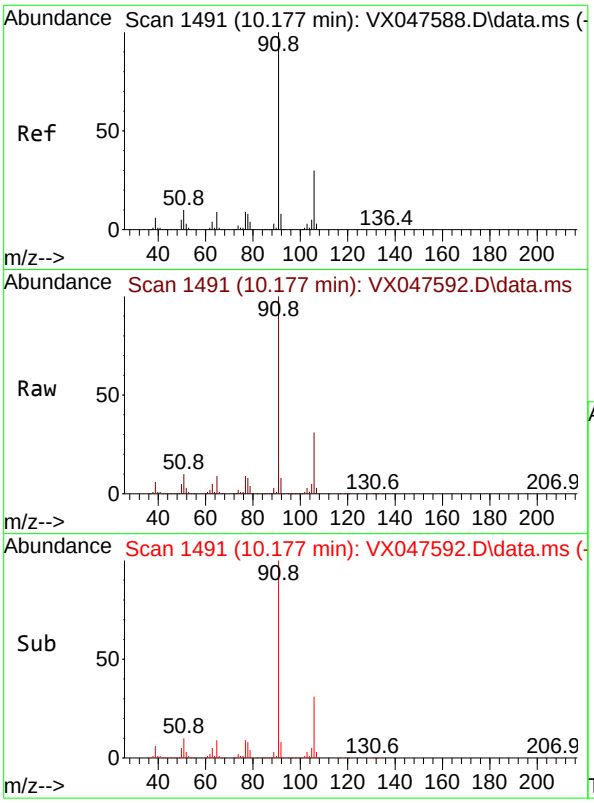


#66
1,1,1,2-Tetrachloroethane
Concen: 48.794 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:131 Resp: 110416

Ion	Ratio	Lower	Upper
131	100		
133	96.3	47.3	142.0
119	66.3	32.0	96.0



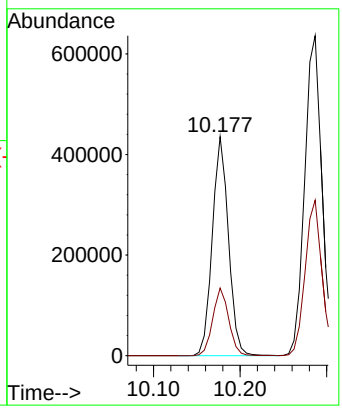


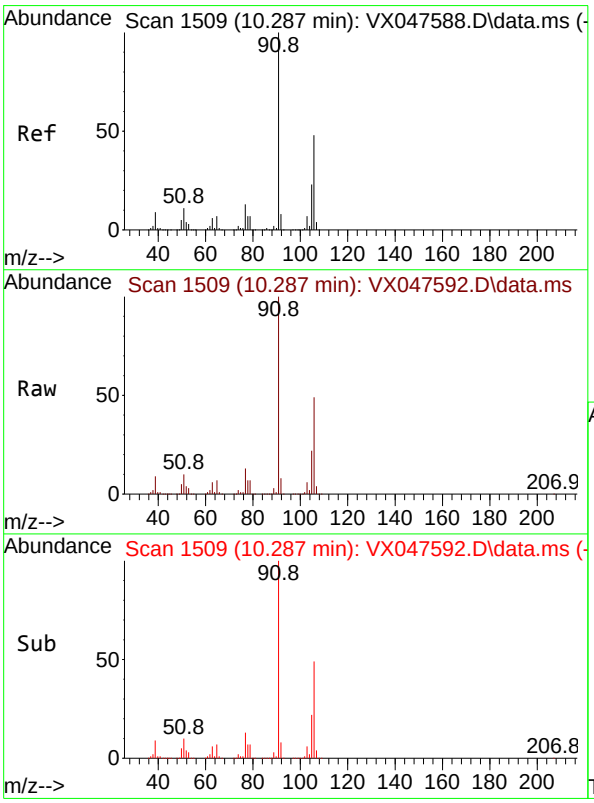
#67
Ethyl Benzene
Concen: 49.813 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 91 Resp: 563634

Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.3	36.5

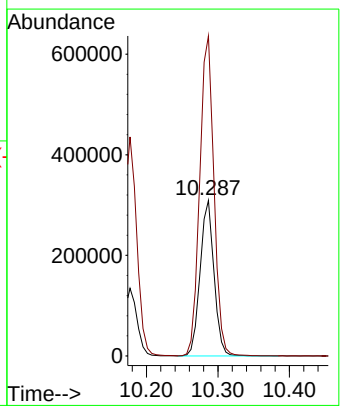


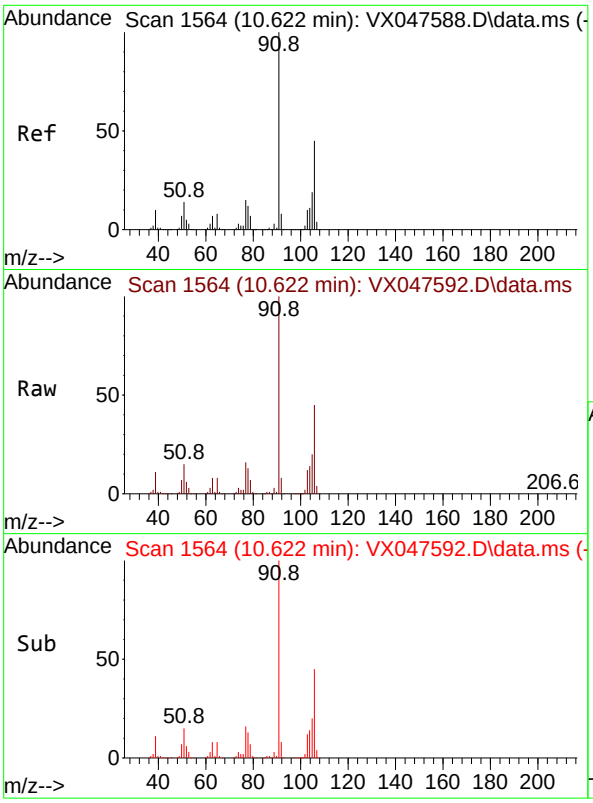


#68
m/p-Xylenes
Concen: 98.956 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:106 Resp: 416757

Ion	Ratio	Lower	Upper
106	100		
91	211.1	167.8	251.8



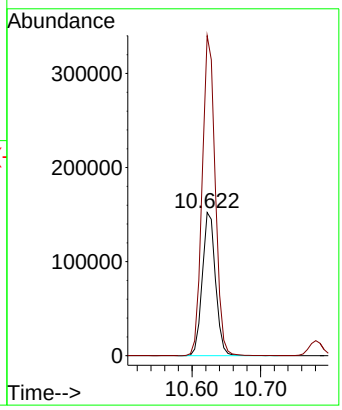


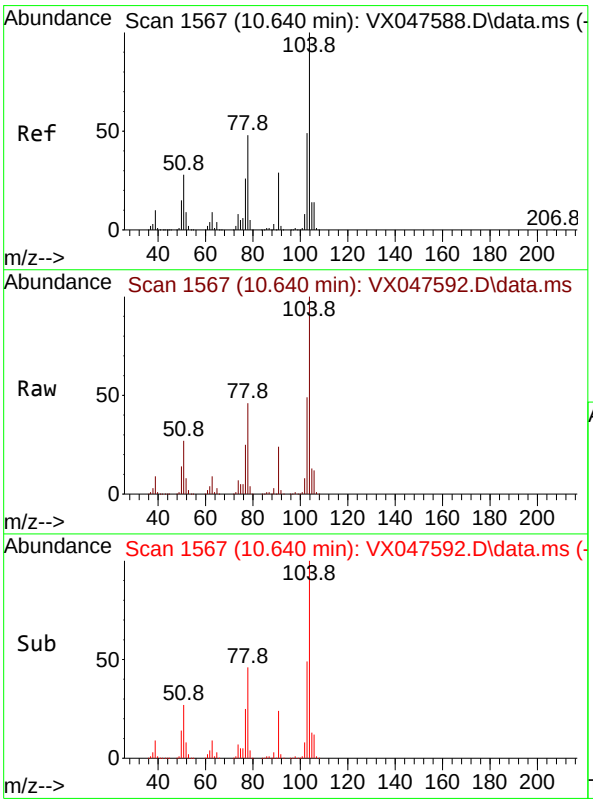
#69
o-Xylene
Concen: 50.159 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:106 Resp: 204323

Ion	Ratio	Lower	Upper
106	100		
91	221.0	111.1	333.4

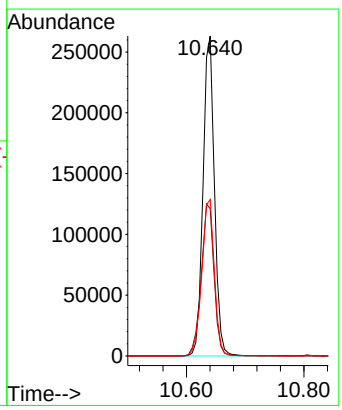


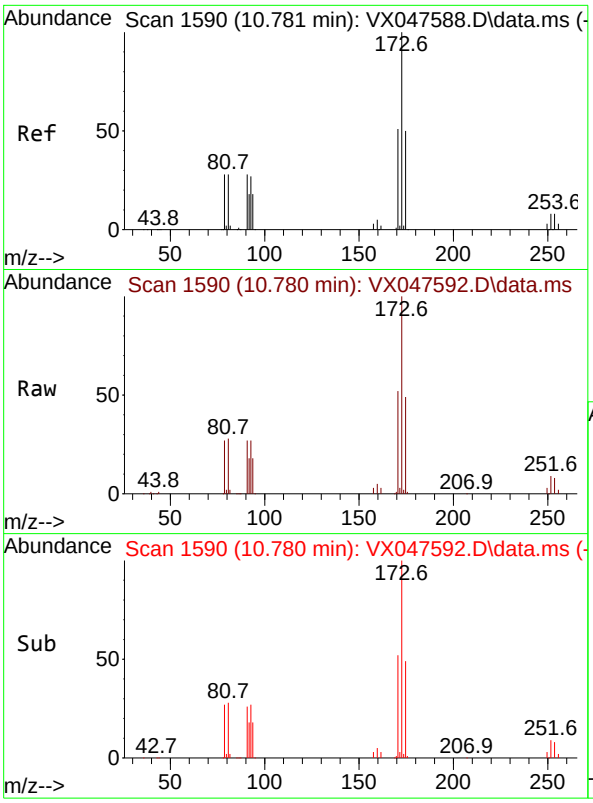


#70
Styrene
Concen: 49.536 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:104 Resp: 353567

Ion	Ratio	Lower	Upper
104	100		
78	53.4	43.1	64.7
103	54.3	43.1	64.7



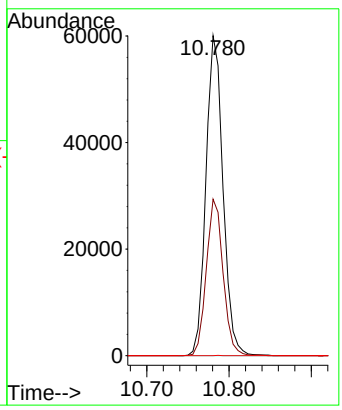


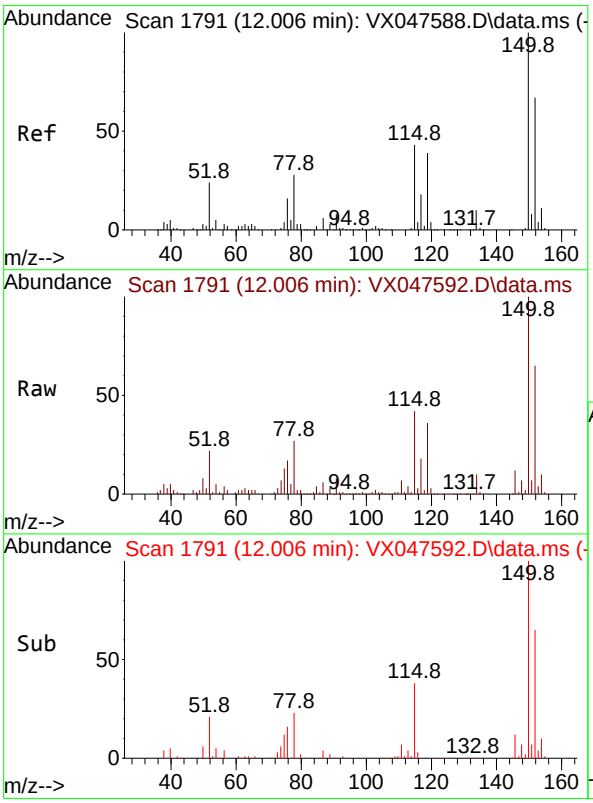
#71
Bromoform
Concen: 51.207 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:173 Resp: 86524

Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.9	74.6
254	0.0	0.1	0.1#

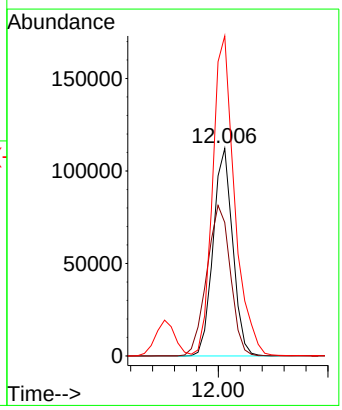


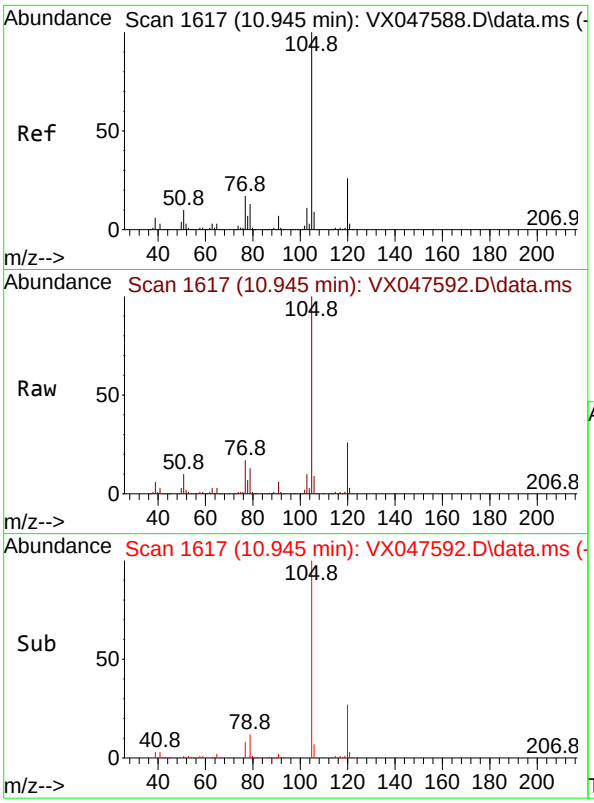


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:152 Resp: 139252

Ion	Ratio	Lower	Upper
152	100		
115	87.5	44.9	134.5
150	173.5	0.0	352.0



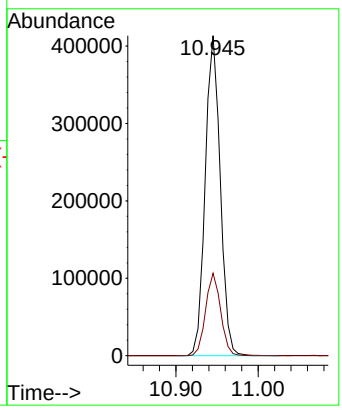


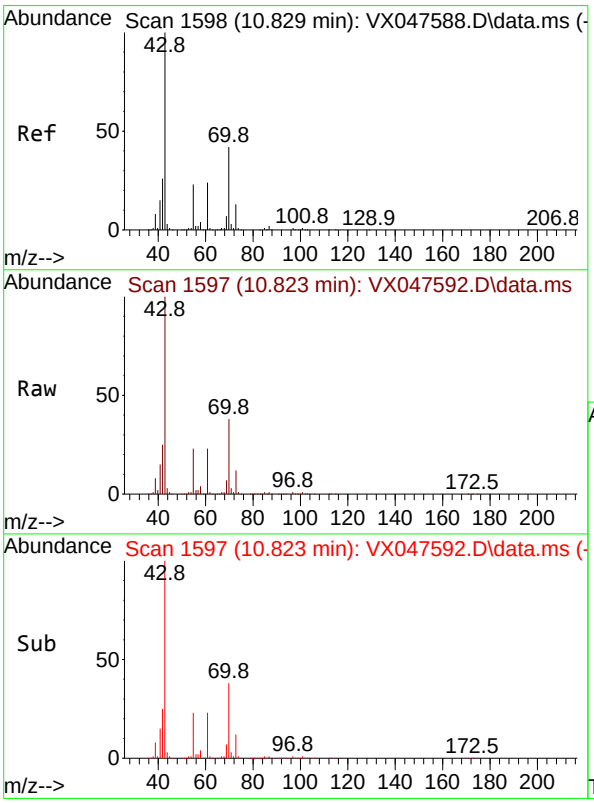
#73
Isopropylbenzene
Concen: 49.479 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:105 Resp: 523826

Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.8	38.4

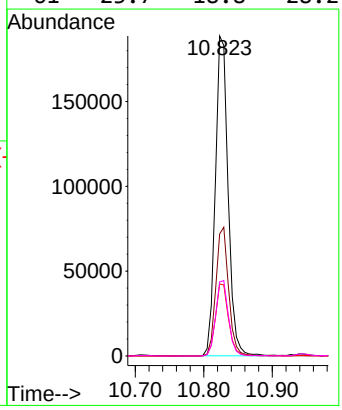


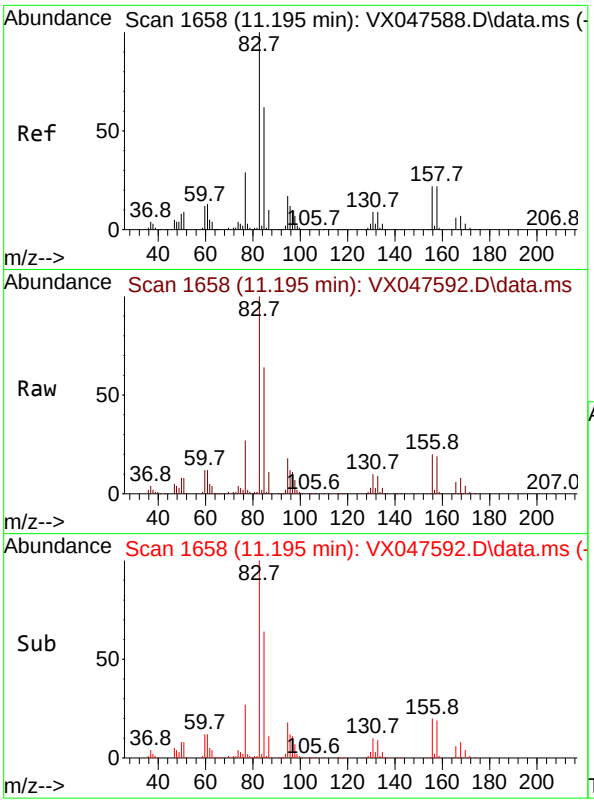


#74
N-amyl acetate
Concen: 50.375 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 243198

Ion	Ratio	Lower	Upper
43	100		
70	40.2	32.0	48.0
55	23.2	18.9	28.3
61	23.7	18.8	28.2



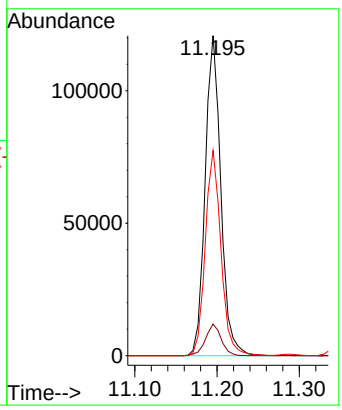


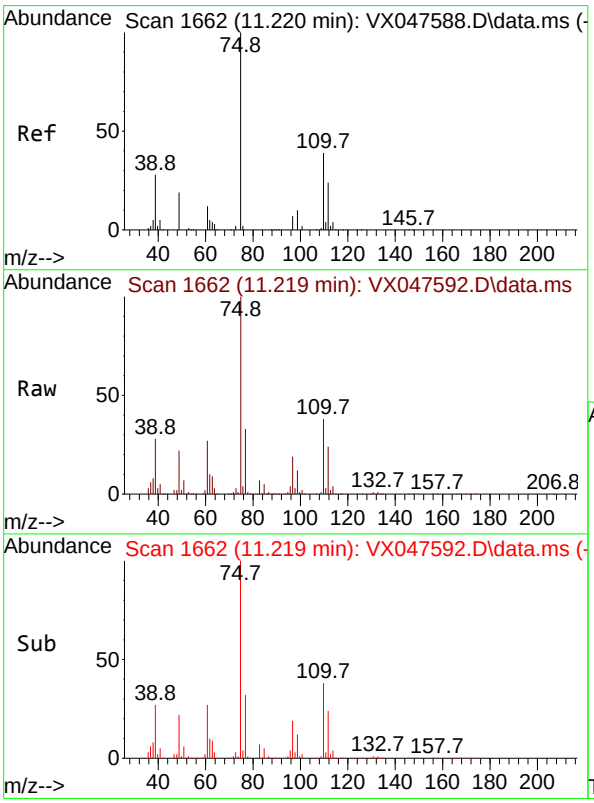
#75
1,1,2,2-Tetrachloroethane
Concen: 49.851 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 83 Resp: 159676

Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	14.9
85	64.2	31.6	95.0

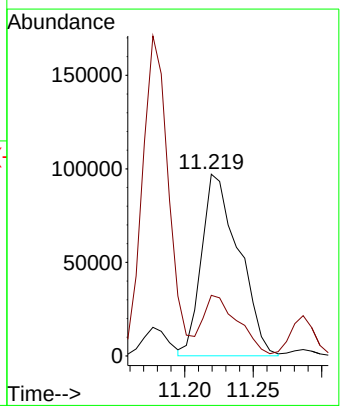


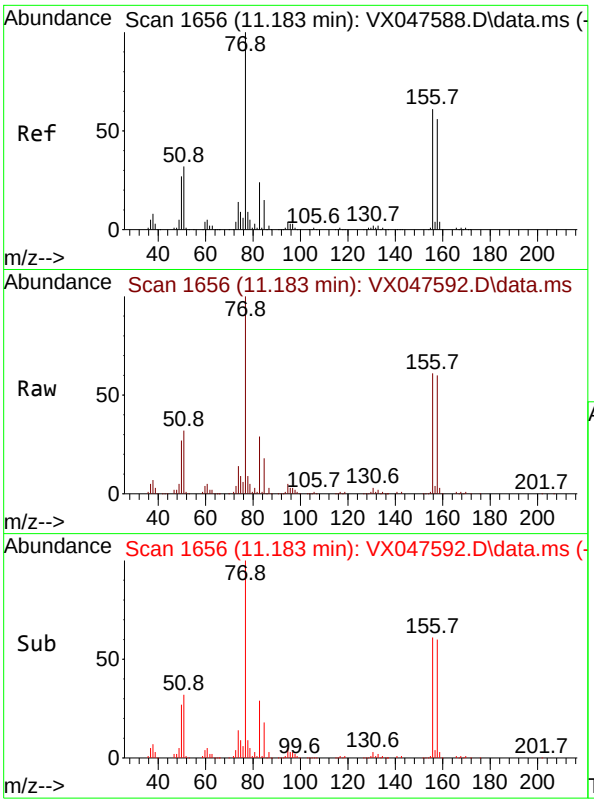


#76
1,2,3-Trichloropropane
Concen: 65.262 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 75 Resp: 184000

Ion	Ratio	Lower	Upper
75	100		
77	30.9	18.8	56.4



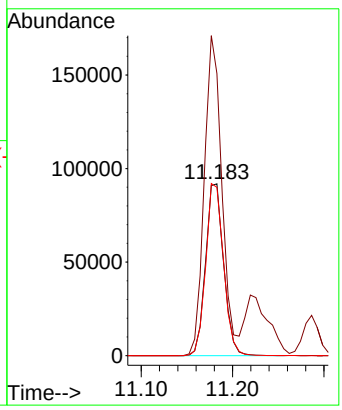


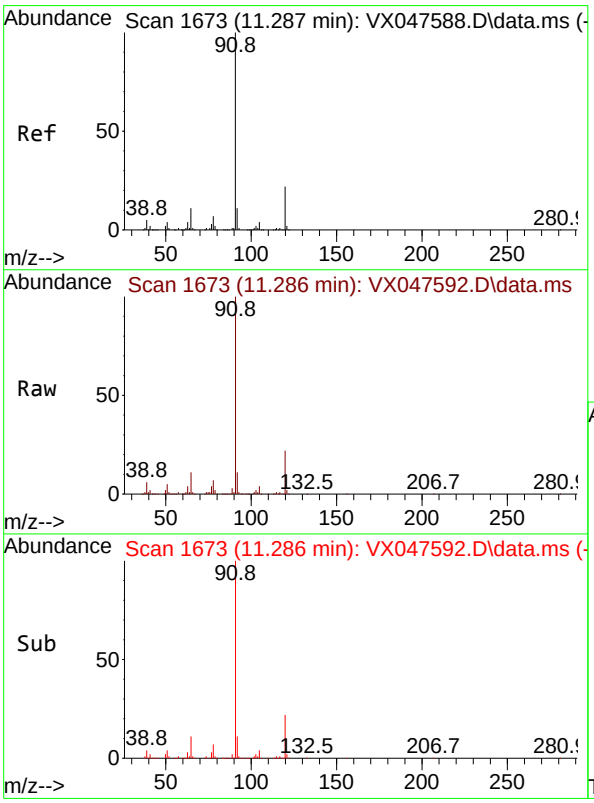
#77
Bromobenzene
Concen: 48.173 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:156 Resp: 125610

Ion	Ratio	Lower	Upper
156	100		
77	182.2	89.7	269.1
158	99.0	47.9	143.6

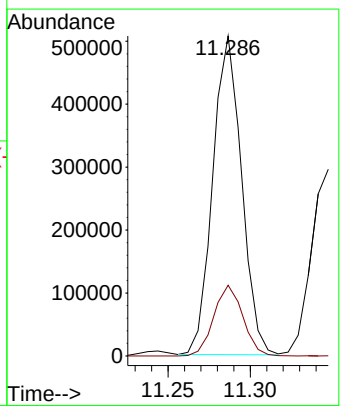


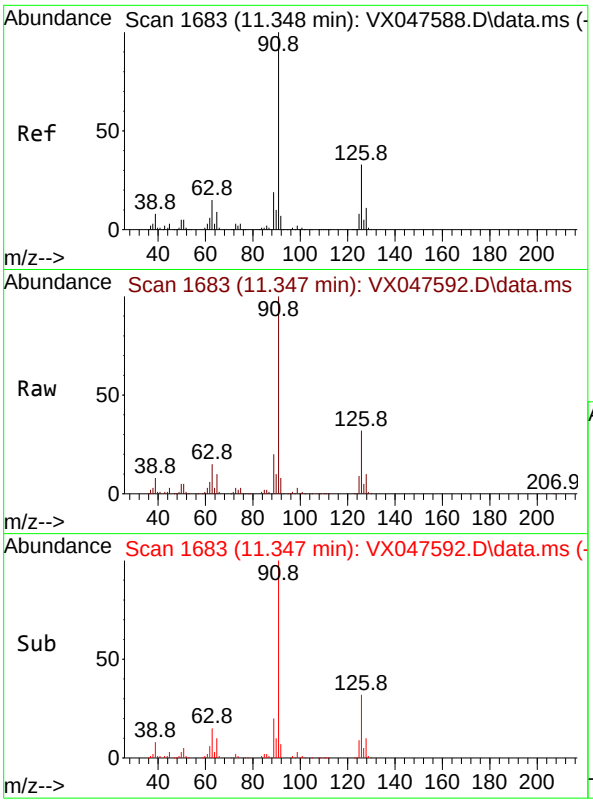


#78
n-propylbenzene
Concen: 49.295 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 91 Resp: 616928

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.1	33.1



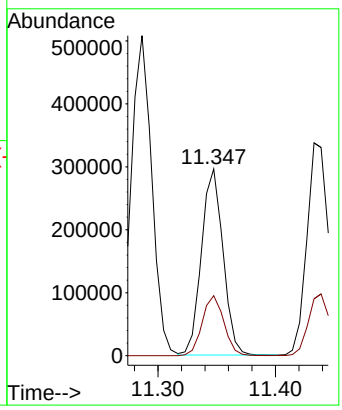


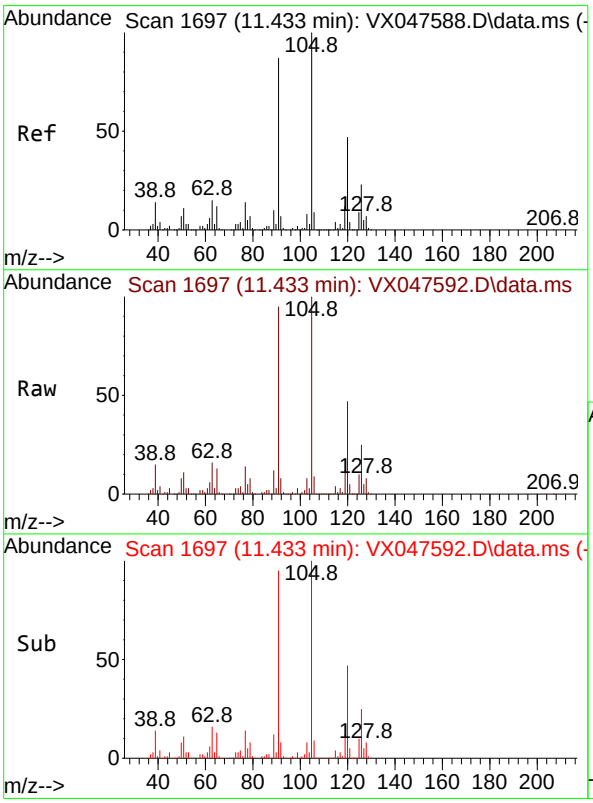
#79
2-Chlorotoluene
Concen: 49.117 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 91 Resp: 376486

Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.1	48.3

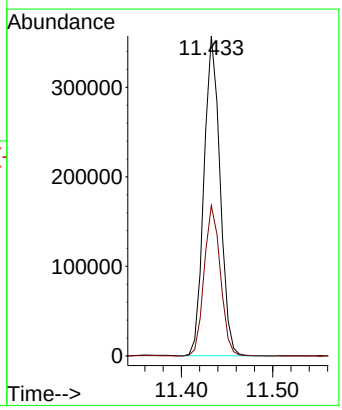


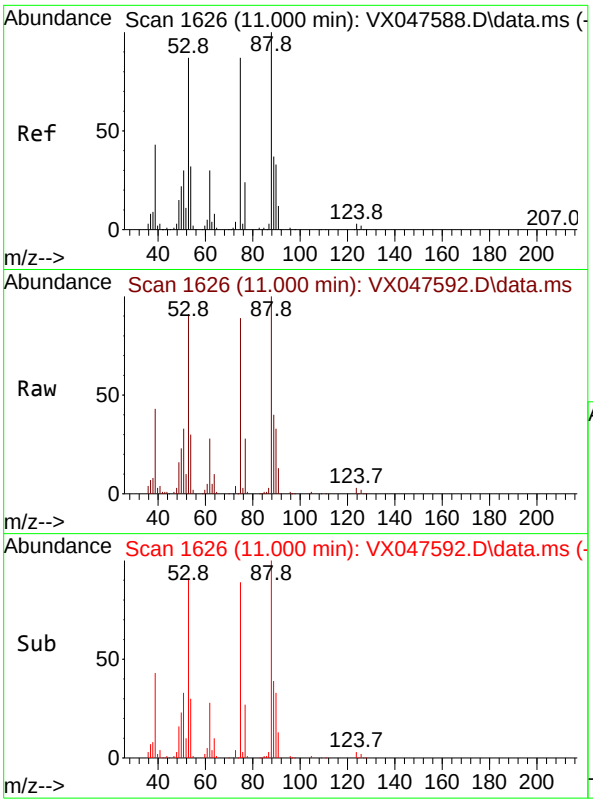


#80
1,3,5-Trimethylbenzene
Concen: 50.055 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:105 Resp: 435375

Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.6	70.8



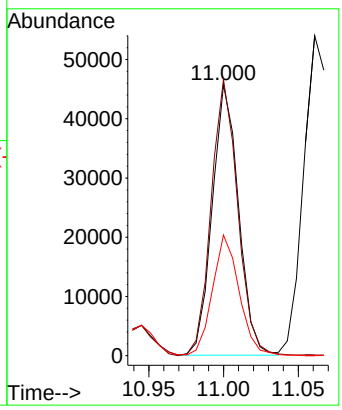


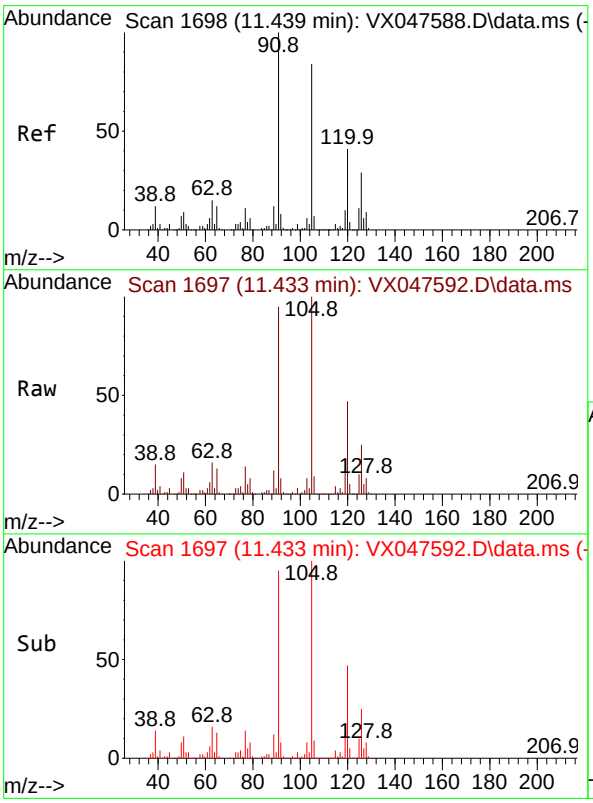
#81
trans-1,4-Dichloro-2-butene
Concen: 50.543 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 75 Resp: 55880

Ion	Ratio	Lower	Upper
75	100		
53	103.4	83.4	125.2
89	45.4	36.3	54.5

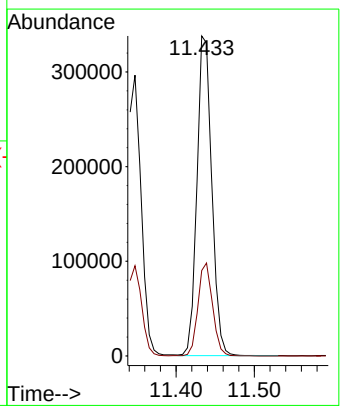


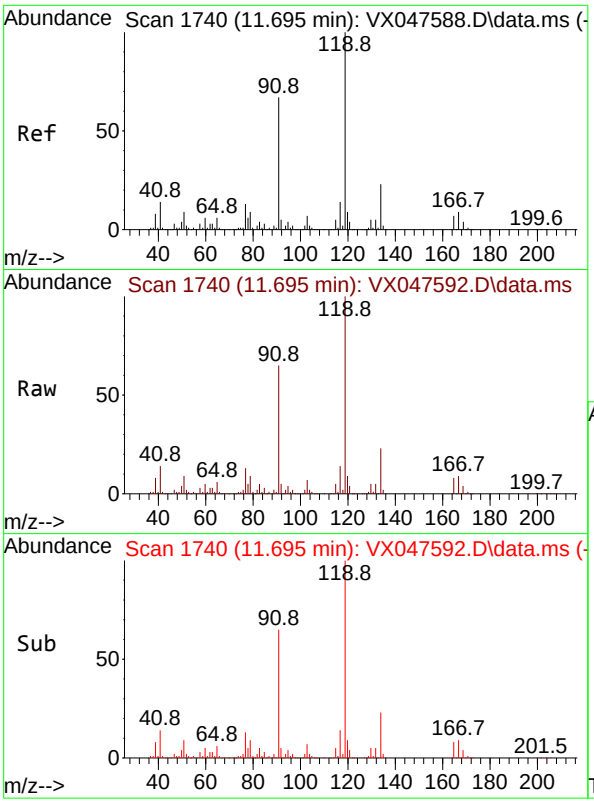


#82
4-Chlorotoluene
Concen: 49.164 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 91 Resp: 445075

Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.2	42.6



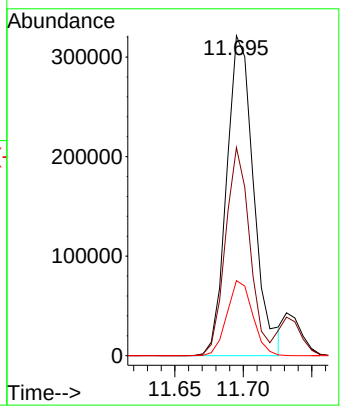


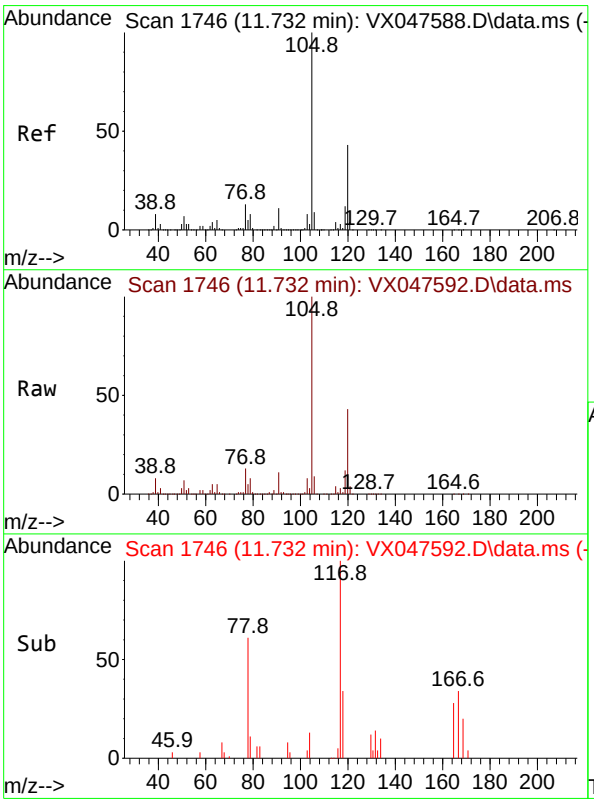
#83
tert-Butylbenzene
Concen: 49.679 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:119 Resp: 442341

Ion	Ratio	Lower	Upper
119	100		
91	58.7	29.6	88.8
134	22.3	11.0	33.0

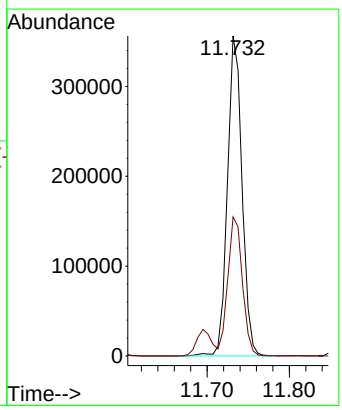


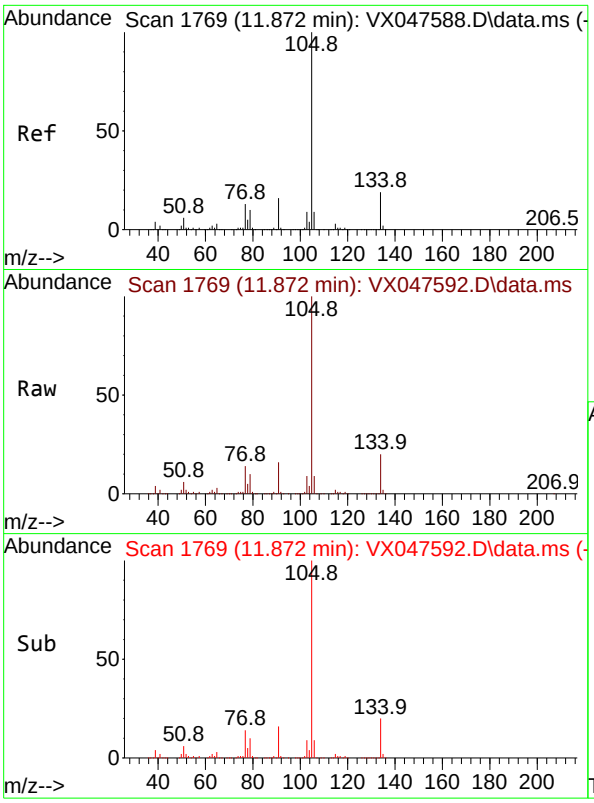


#84
1,2,4-Trimethylbenzene
Concen: 49.911 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:105 Resp: 440134

Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.1	66.1



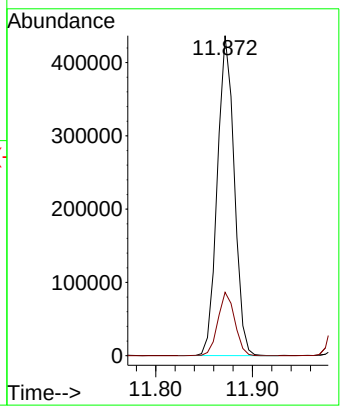


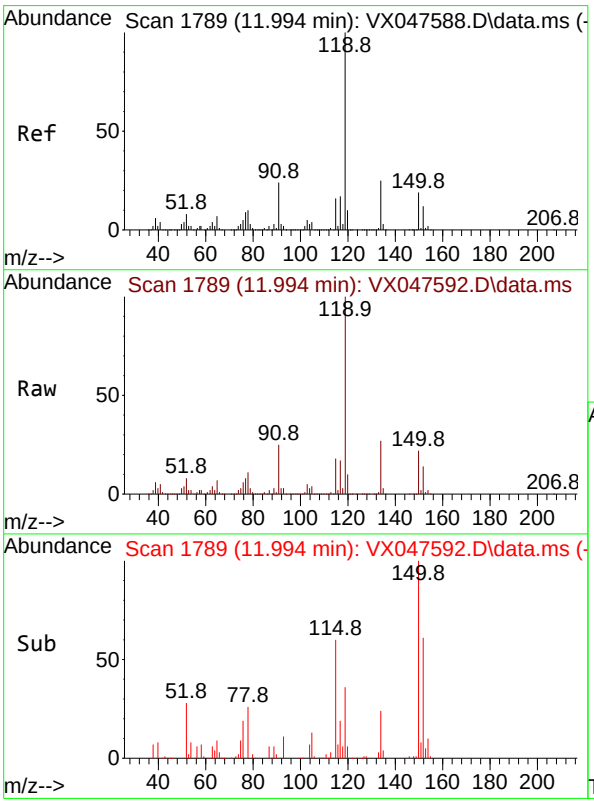
#85
sec-Butylbenzene
Concen: 50.100 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:105 Resp: 529869

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5

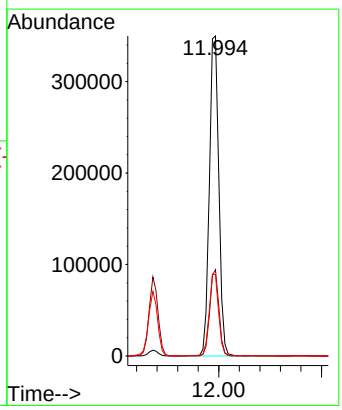


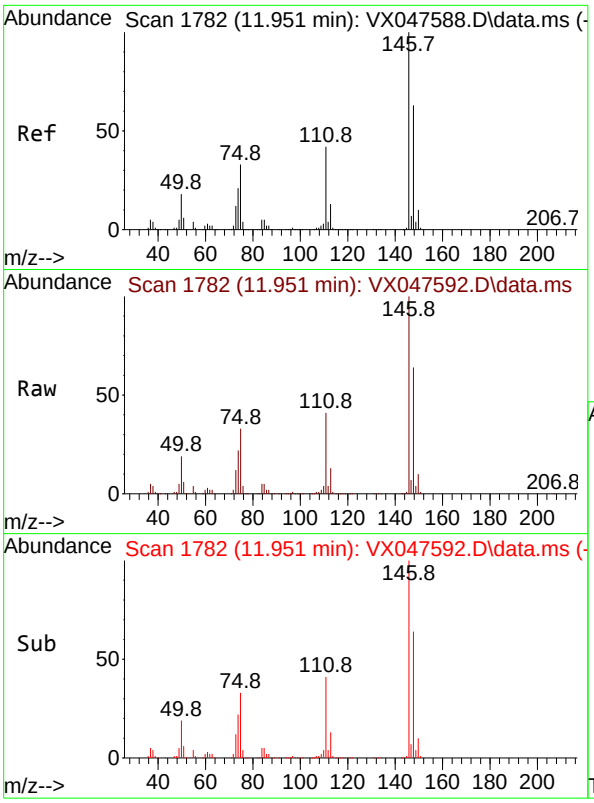


#86
p-Isopropyltoluene
Concen: 49.861 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:119 Resp: 446441

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.6	37.8
91	25.4	12.6	37.6



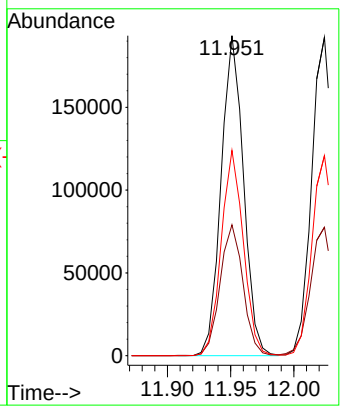


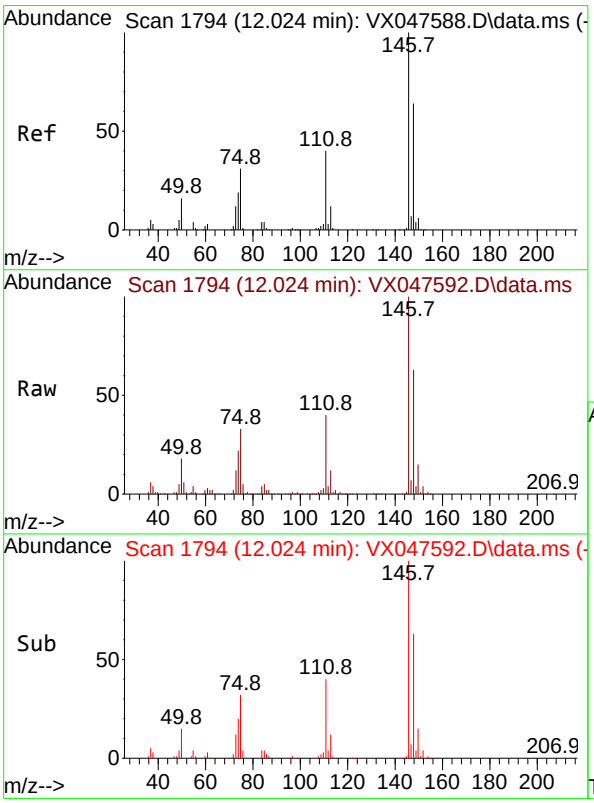
#87
1,3-Dichlorobenzene
Concen: 49.014 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:146 Resp: 237383

Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.5	64.5
148	63.5	32.0	96.0

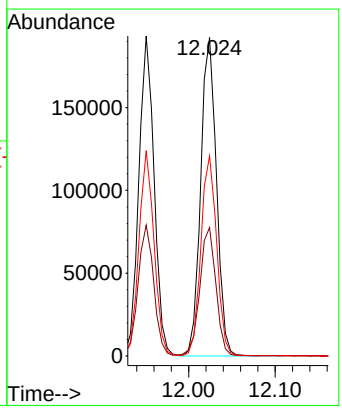


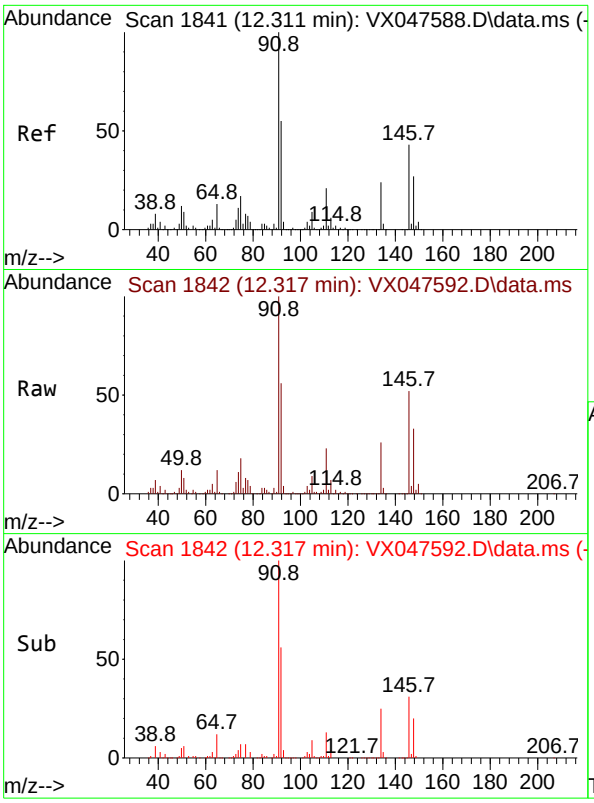


#88
1,4-Dichlorobenzene
Concen: 49.011 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:146 Resp: 243618

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.8	62.4
148	62.7	31.7	95.1



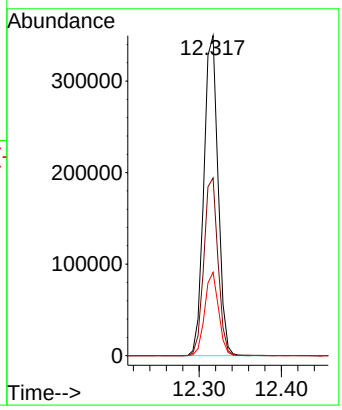


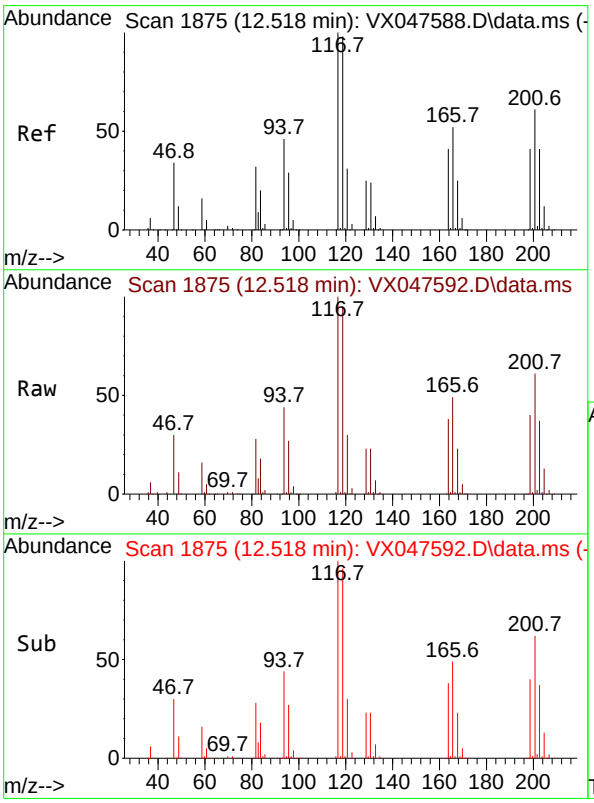
#89
n-Butylbenzene
Concen: 50.752 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 91 Resp: 420478

Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.6	82.7
134	25.3	12.6	37.8

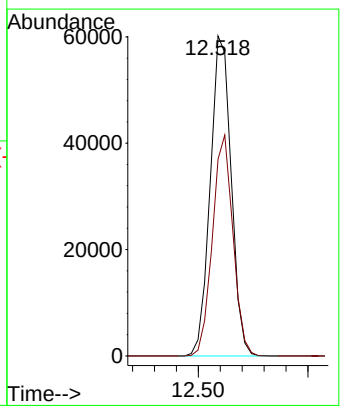


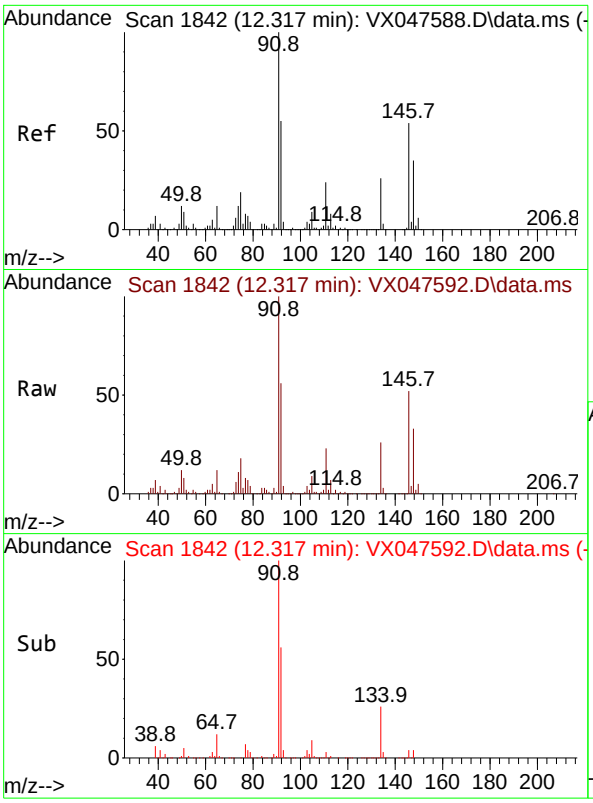


#90
Hexachloroethane
Concen: 50.732 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:117 Resp: 79751

Ion	Ratio	Lower	Upper
117	100		
201	67.7	34.2	102.5



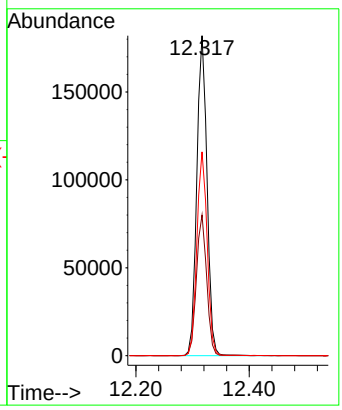


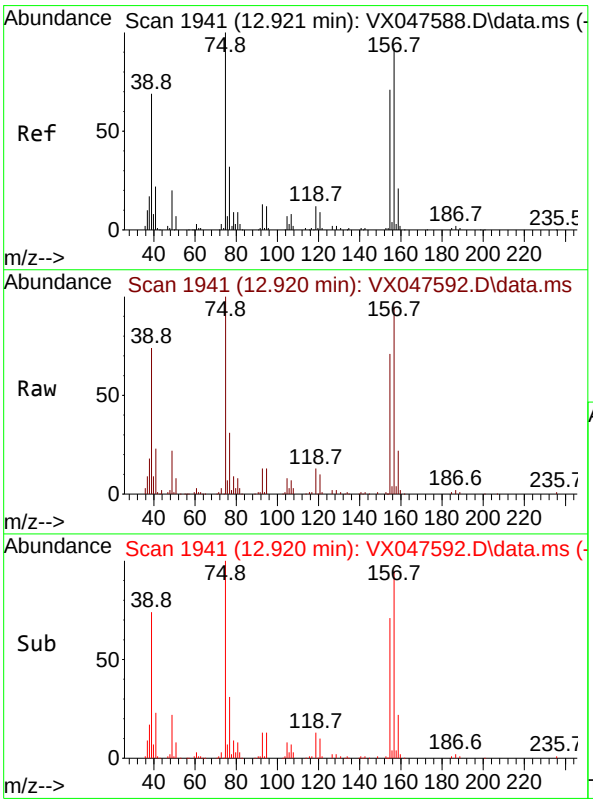
#91
1,2-Dichlorobenzene
Concen: 49.304 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:146 Resp: 227493

Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.2	66.6
148	64.1	31.8	95.4

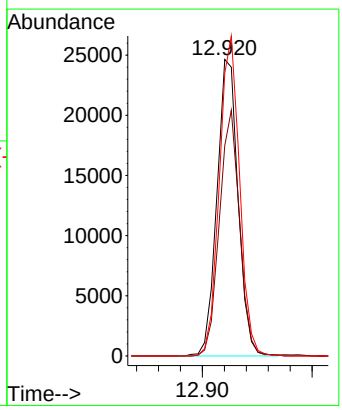


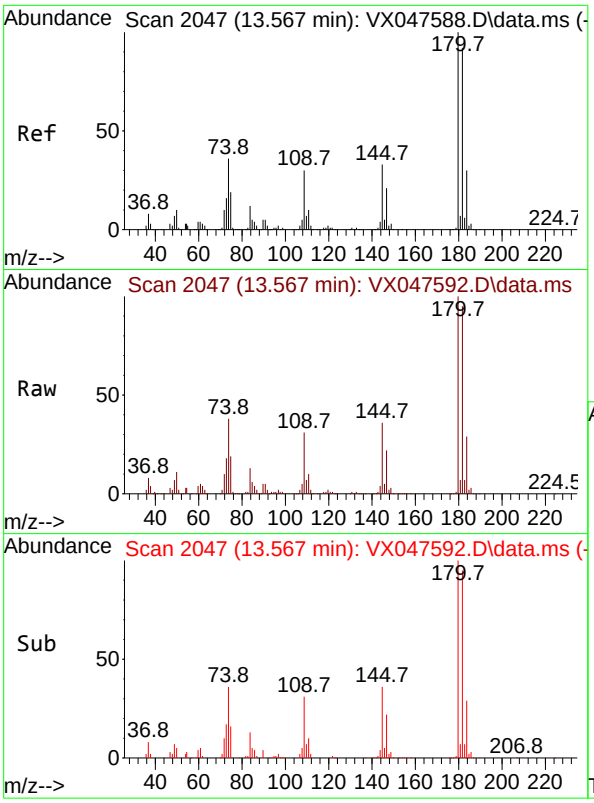


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.918 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 75 Resp: 33020

Ion	Ratio	Lower	Upper
75	100		
155	79.1	37.7	113.1
157	103.2	49.8	149.4



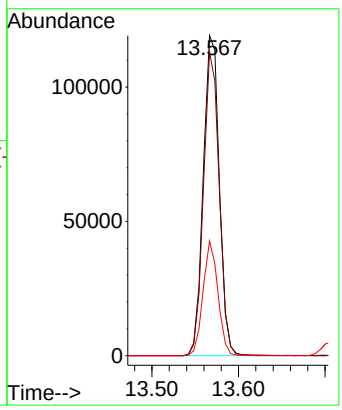


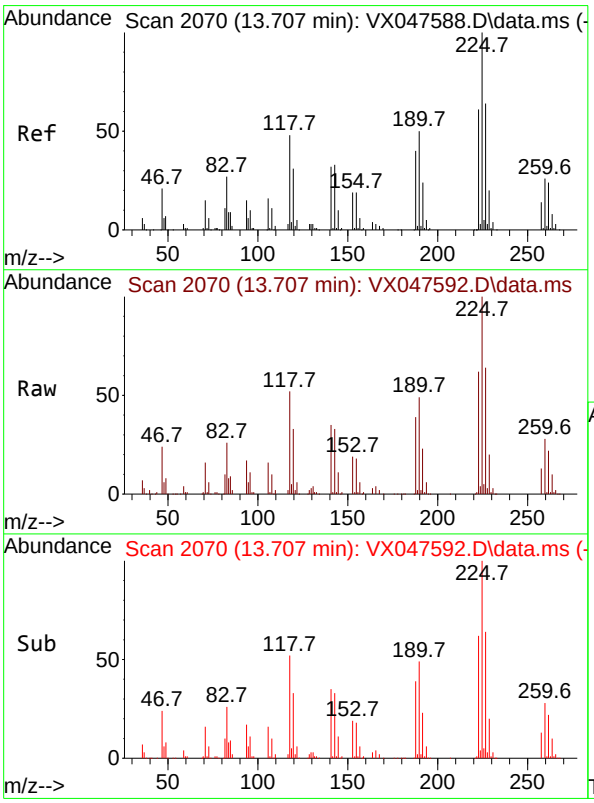
#93
1,2,4-Trichlorobenzene
Concen: 51.133 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:180 Resp: 153333

Ion	Ratio	Lower	Upper
180	100		
182	93.1	46.6	139.8
145	33.3	16.4	49.1

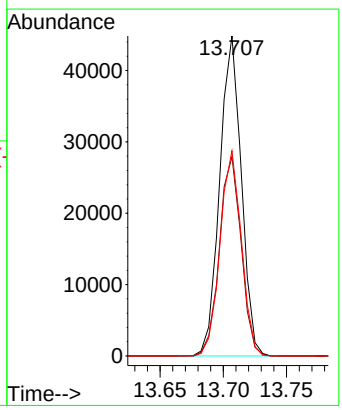


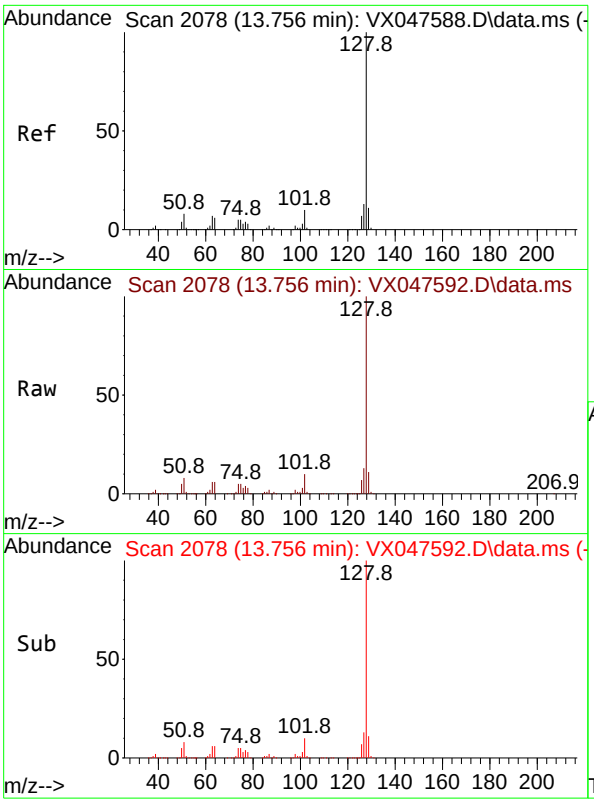


#94
Hexachlorobutadiene
Concen: 52.131 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:225 Resp: 53099

Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.7	95.1
227	63.3	32.0	96.0



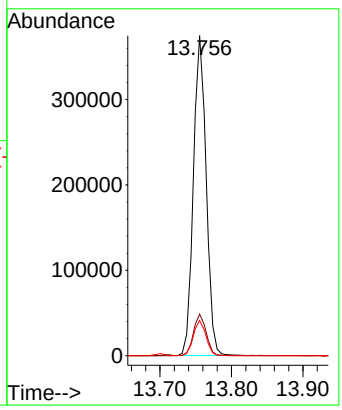


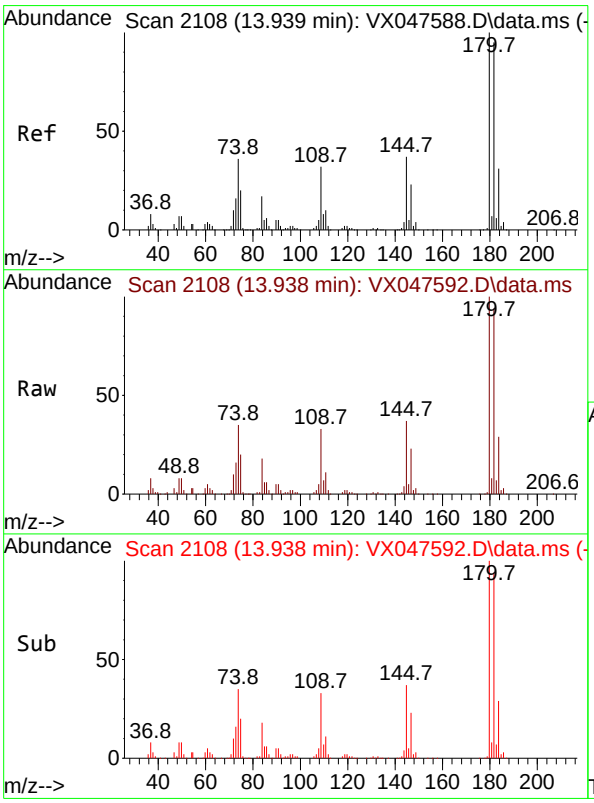
#95
Naphthalene
Concen: 50.836 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:128 Resp: 464206

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.9	8.8	13.2

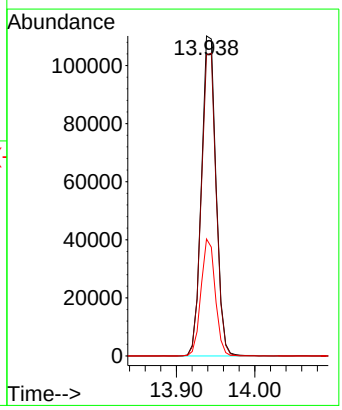




#96
1,2,3-Trichlorobenzene
Concen: 51.054 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:180 Resp: 142413

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.6	142.8
145	35.6	17.9	53.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047953.D
Acq On : 02 Oct 2025 08:50
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Oct 03 03:24:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.532	168	140837	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	255190	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	226757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	107762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	119342	53.236	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.480%			
35) Dibromofluoromethane	5.367	113	94277	55.086	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.180%			
50) Toluene-d8	8.629	98	311220	52.554	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.100%			
62) 4-Bromofluorobenzene	11.061	95	112989	50.274	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	85539	58.653	ug/l	99
3) Chloromethane	1.301	50	103928	54.222	ug/l	100
4) Vinyl Chloride	1.380	62	108939	58.062	ug/l	98
5) Bromomethane	1.618	94	74517	62.632	ug/l	98
6) Chloroethane	1.697	64	72180	57.559	ug/l	99
7) Trichlorofluoromethane	1.892	101	166147	59.639	ug/l	100
8) Diethyl Ether	2.136	74	65916	57.841	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	90993	55.859	ug/l	99
10) Methyl Iodide	2.453	142	126895	49.948	ug/l	99
11) Tert butyl alcohol	2.934	59	49600	198.659	ug/l	98
12) 1,1-Dichloroethene	2.325	96	95037	56.796	ug/l	95
13) Acrolein	2.233	56	49937	217.044	ug/l	99
14) Allyl chloride	2.666	41	173030	50.112	ug/l	100
15) Acrylonitrile	3.050	53	246416	266.451	ug/l	99
16) Acetone	2.374	43	193278	198.289	ug/l	96
17) Carbon Disulfide	2.514	76	240354	52.470	ug/l	99
18) Methyl Acetate	2.697	43	119385	55.035	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	338102	55.352	ug/l	99
20) Methylene Chloride	2.788	84	118201	57.289	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	100188	55.614	ug/l	97
22) Diisopropyl ether	3.745	45	389705	58.236	ug/l	94
23) Vinyl Acetate	3.709	43	1443555	269.534	ug/l	99
24) 1,1-Dichloroethane	3.605	63	207991	58.478	ug/l	98
25) 2-Butanone	4.532	43	272429	224.064	ug/l	99
26) 2,2-Dichloropropane	4.459	77	90997	30.778	ug/l	95
27) cis-1,2-Dichloroethene	4.477	96	124952	56.636	ug/l	95
28) Bromochloromethane	4.873	49	88293	56.862	ug/l	99
29) Tetrahydrofuran	4.983	42	171076	233.893	ug/l	100
30) Chloroform	5.074	83	211945	58.969	ug/l	96
31) Cyclohexane	5.452	56	145363	49.071	ug/l	94
32) 1,1,1-Trichloroethane	5.367	97	174234	57.151	ug/l	99
36) 1,1-Dichloropropene	5.672	75	128140	51.239	ug/l	99
37) Ethyl Acetate	4.684	43	125401	46.832	ug/l	99
38) Carbon Tetrachloride	5.660	117	145807	53.661	ug/l	96
39) Methylcyclohexane	7.360	83	129139	45.491	ug/l	96
40) Benzene	6.019	78	412588	54.319	ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047953.D
Acq On : 02 Oct 2025 08:50
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Oct 03 03:24:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.897	41	69084	49.975	ug/l		99
42) 1,2-Dichloroethane	6.062	62	158621	54.885	ug/l		100
43) Isopropyl Acetate	6.318	43	210358	47.901	ug/l		99
44) Trichloroethene	7.104	130	98149	53.448	ug/l		99
45) 1,2-Dichloropropane	7.409	63	109011	56.048	ug/l		98
46) Dibromomethane	7.562	93	75995	53.694	ug/l		98
47) Bromodichloromethane	7.799	83	166380	56.967	ug/l		100
48) Methyl methacrylate	7.671	41	105367	48.168	ug/l		98
49) 1,4-Dioxane	7.641	88	23633	1069.039	ug/l		98
51) 4-Methyl-2-Pentanone	8.555	43	581711	238.909	ug/l		99
52) Toluene	8.702	92	249080	53.226	ug/l		100
53) t-1,3-Dichloropropene	8.958	75	145506	48.842	ug/l		99
54) cis-1,3-Dichloropropene	8.348	75	159868	50.207	ug/l		97
55) 1,1,2-Trichloroethane	9.134	97	97722	54.156	ug/l		98
56) Ethyl methacrylate	9.098	69	143453	50.622	ug/l		99
57) 1,3-Dichloropropane	9.293	76	169848	54.794	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.220	63	379885	278.455	ug/l		99
59) 2-Hexanone	9.409	43	380701	217.702	ug/l		99
60) Dibromochloromethane	9.500	129	120224	57.824	ug/l		100
61) 1,2-Dibromoethane	9.592	107	98050	53.348	ug/l		98
64) Tetrachloroethene	9.256	164	79519	53.794	ug/l		97
65) Chlorobenzene	10.061	112	276438	53.662	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.147	131	100467	56.517	ug/l		99
67) Ethyl Benzene	10.177	91	468591	52.719	ug/l		100
68) m/p-Xylenes	10.281	106	349533	105.651	ug/l		100
69) o-Xylene	10.622	106	169967	53.115	ug/l		99
70) Styrene	10.634	104	299893	53.486	ug/l		99
71) Bromoform	10.781	173	70807	53.345	ug/l	#	99
73) Isopropylbenzene	10.945	105	430684	52.569	ug/l		99
74) N-amyl acetate	10.823	43	177201	47.430	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	126599	51.074	ug/l		98
76) 1,2,3-Trichloropropane	11.220	75	130529	59.825	ug/l		92
77) Bromobenzene	11.177	156	109754	54.392	ug/l		96
78) n-propylbenzene	11.287	91	501836	51.816	ug/l		99
79) 2-Chlorotoluene	11.348	91	311143	52.454	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	351942	52.286	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	32458	37.937	ug/l		99
82) 4-Chlorotoluene	11.433	91	364954	52.094	ug/l		99
83) tert-Butylbenzene	11.695	119	343802	49.895	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	352913	51.715	ug/l		100
85) sec-Butylbenzene	11.872	105	408309	49.888	ug/l		99
86) p-Isopropyltoluene	11.988	119	340551	49.149	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	194331	51.850	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	196020	50.959	ug/l		99
89) n-Butylbenzene	12.311	91	300893	46.931	ug/l		99
90) Hexachloroethane	12.518	117	65906	54.176	ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	189358	53.032	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	22129	44.095	ug/l		97
93) 1,2,4-Trichlorobenzene	13.567	180	106258	45.789	ug/l		99
94) Hexachlorobutadiene	13.707	225	33069	41.953	ug/l		97
95) Naphthalene	13.756	128	319867	45.266	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	101535	47.036	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047953.D
Acq On : 02 Oct 2025 08:50
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Oct 03 03:24:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

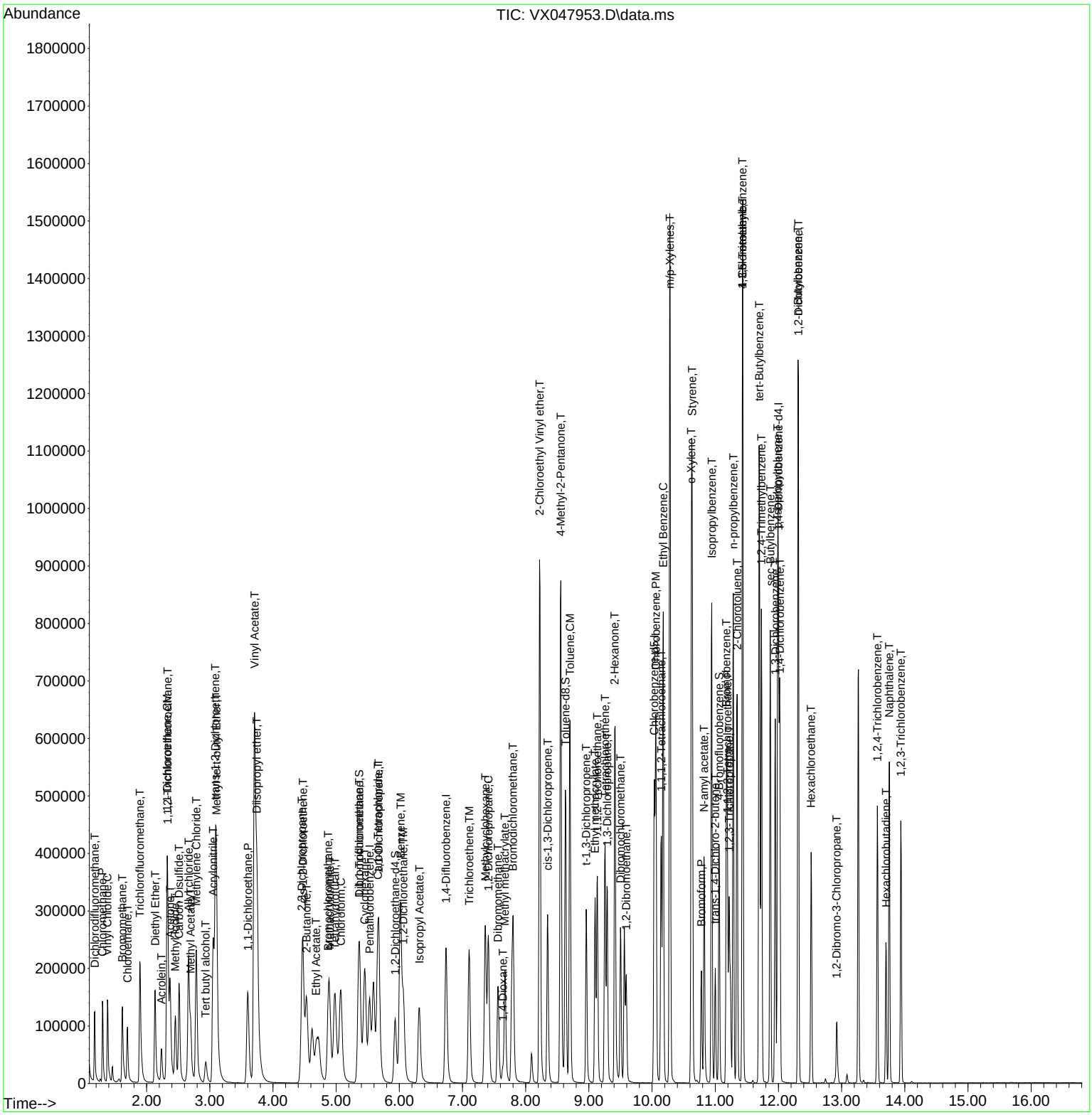
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

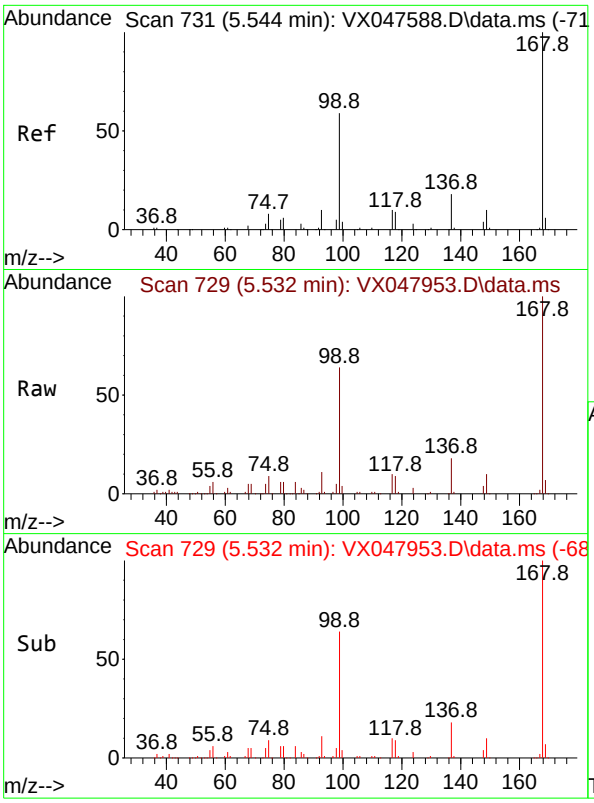
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047953.D
Acq On : 02 Oct 2025 08:50
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Oct 03 03:24:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



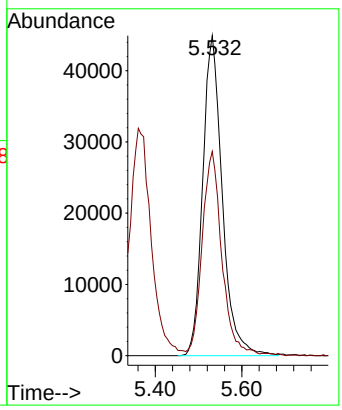


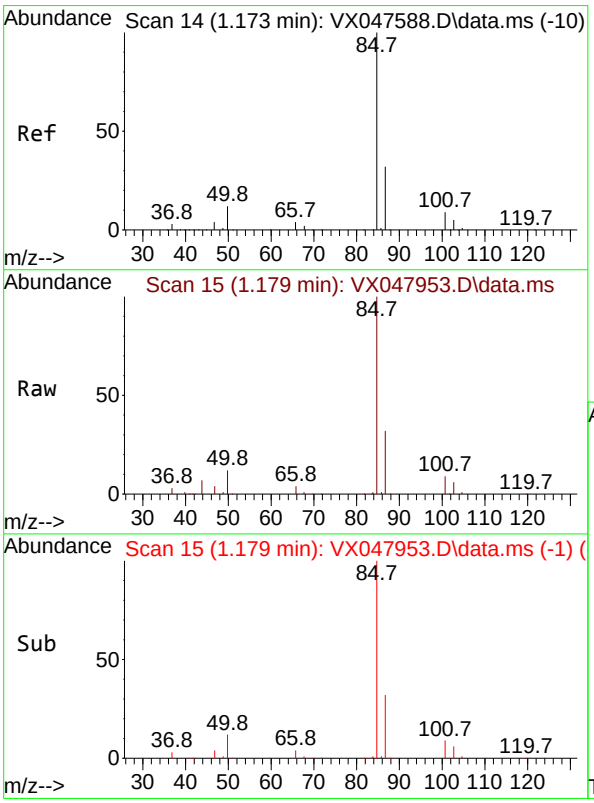
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 140837

Ion	Ratio	Lower	Upper
168	100		
99	63.1	48.8	73.2

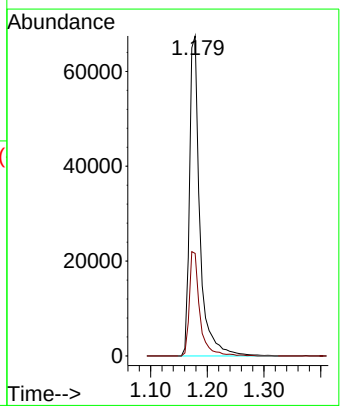


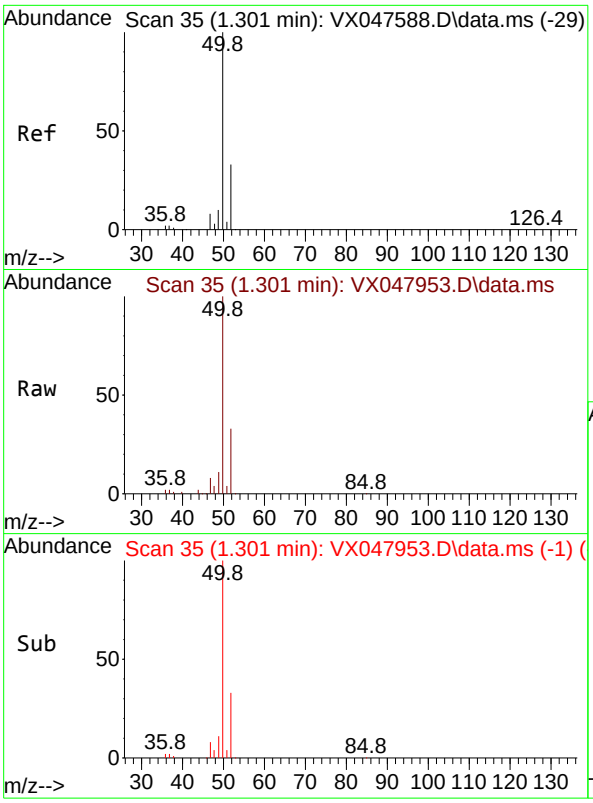


#2
Dichlorodifluoromethane
Concen: 58.653 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 85 Resp: 85539

Ion	Ratio	Lower	Upper
85	100		
87	32.0	15.8	47.3



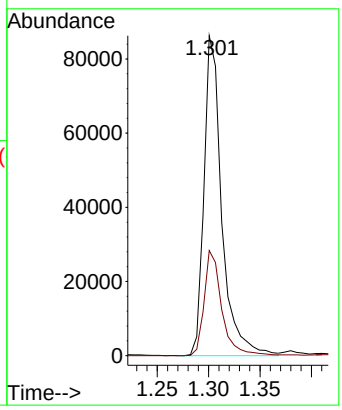


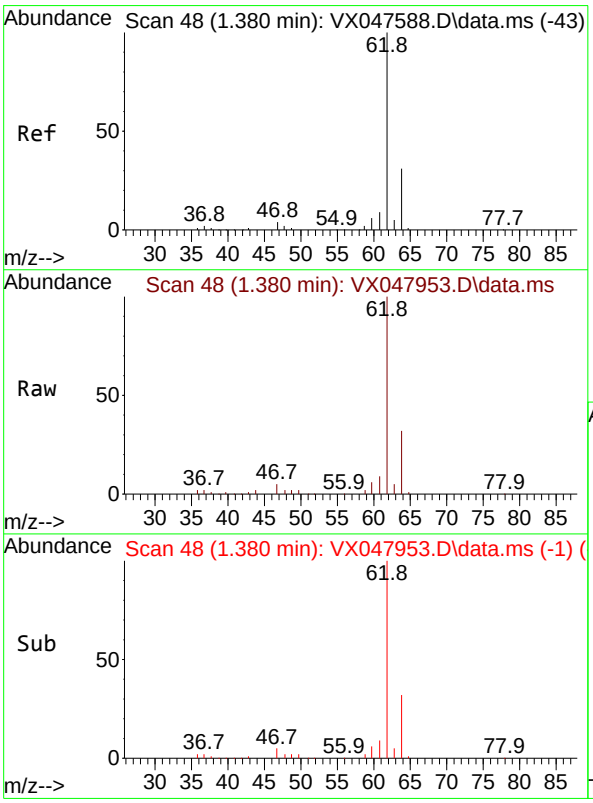
#3
Chloromethane
Concen: 54.222 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 103928

Ion	Ratio	Lower	Upper
50	100		
52	32.9	26.1	39.1

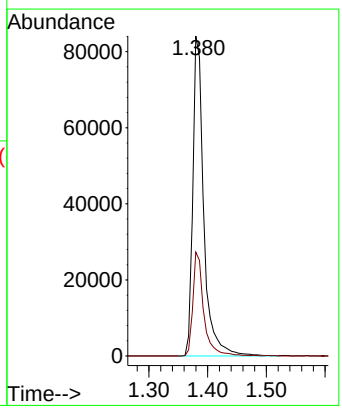


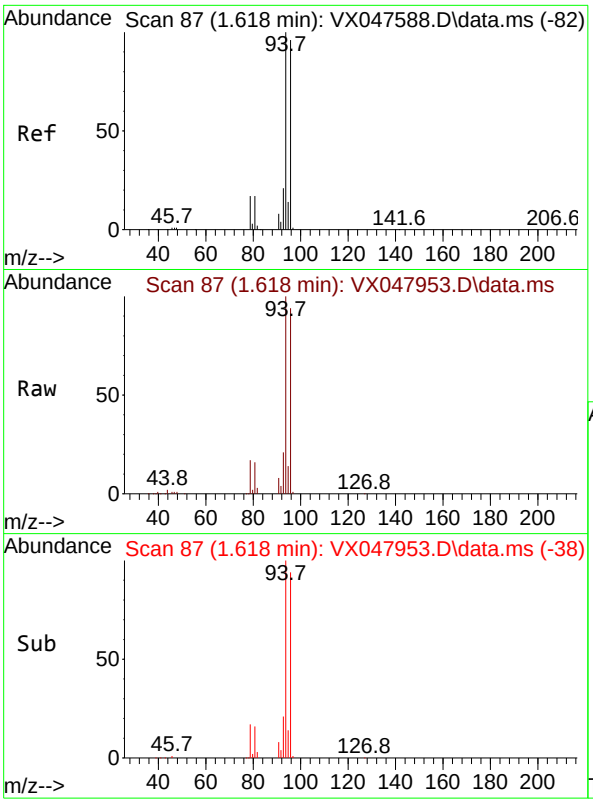


#4
Vinyl Chloride
Concen: 58.062 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 62 Resp: 108939

Ion	Ratio	Lower	Upper
62	100		
64	32.5	24.9	37.3



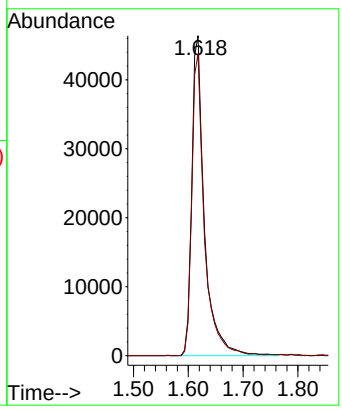


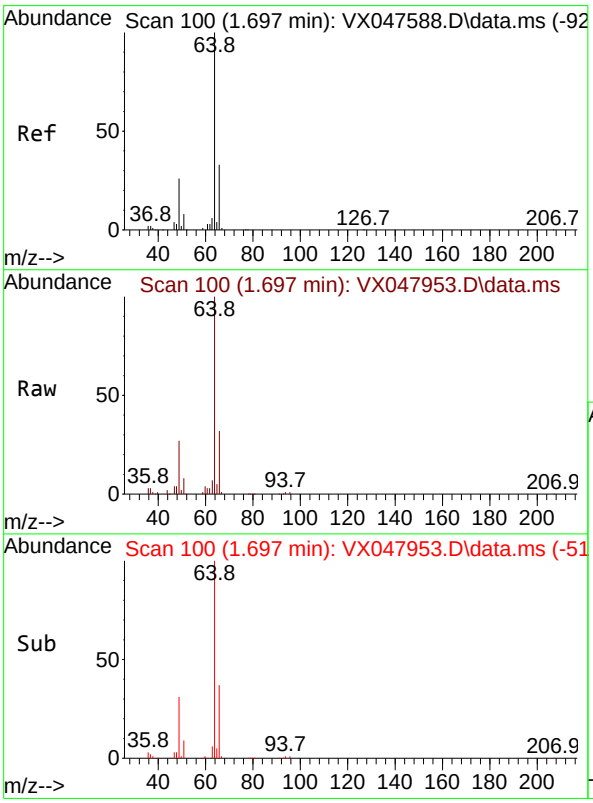
#5
Bromomethane
Concen: 62.632 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 74517

Ion	Ratio	Lower	Upper
94	100		
96	94.3	76.6	115.0

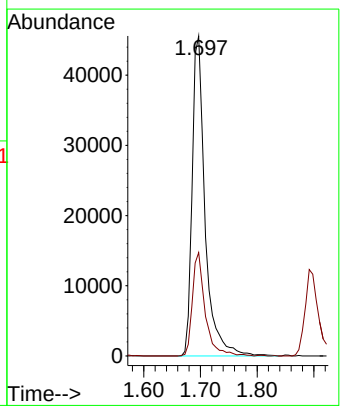


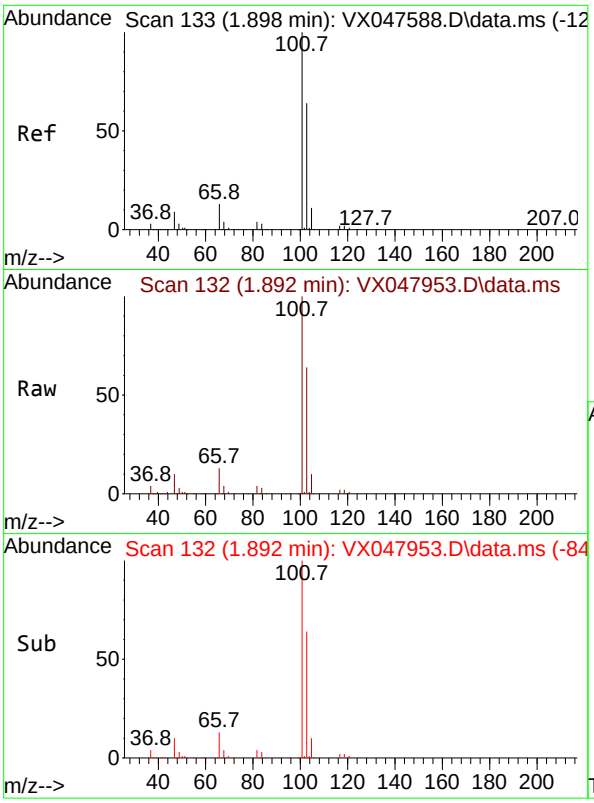


#6
Chloroethane
Concen: 57.559 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 64 Resp: 72180

Ion	Ratio	Lower	Upper
64	100		
66	32.3	26.1	39.1



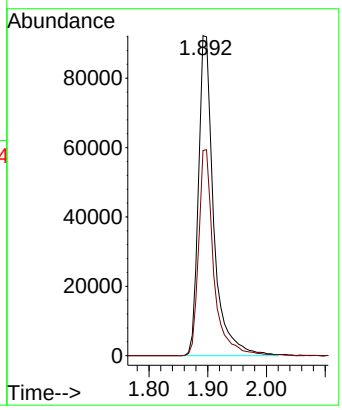


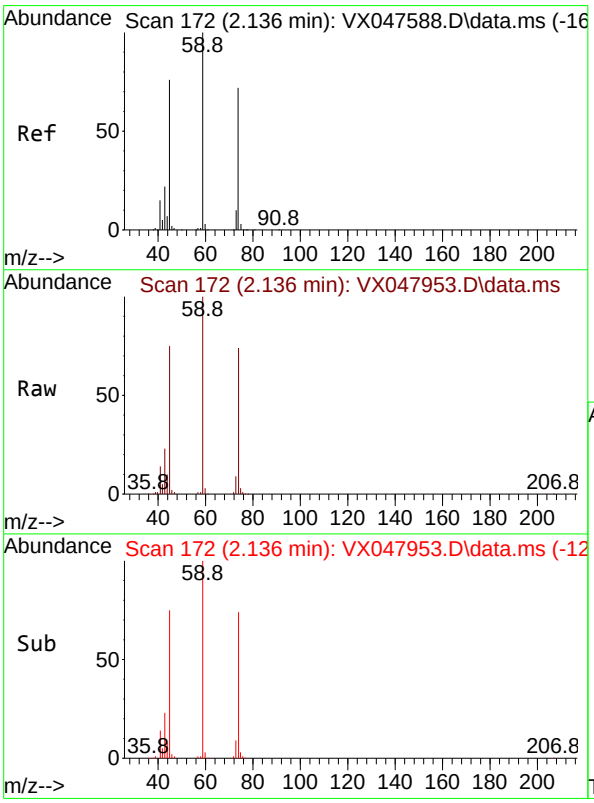
#7
Trichlorofluoromethane
Concen: 59.639 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 166147

Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.4	77.2

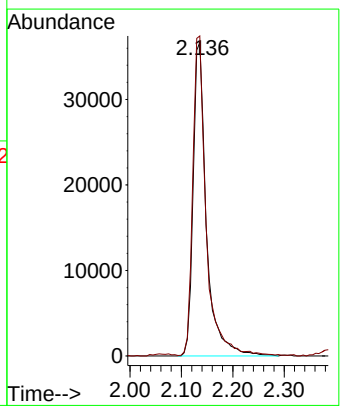


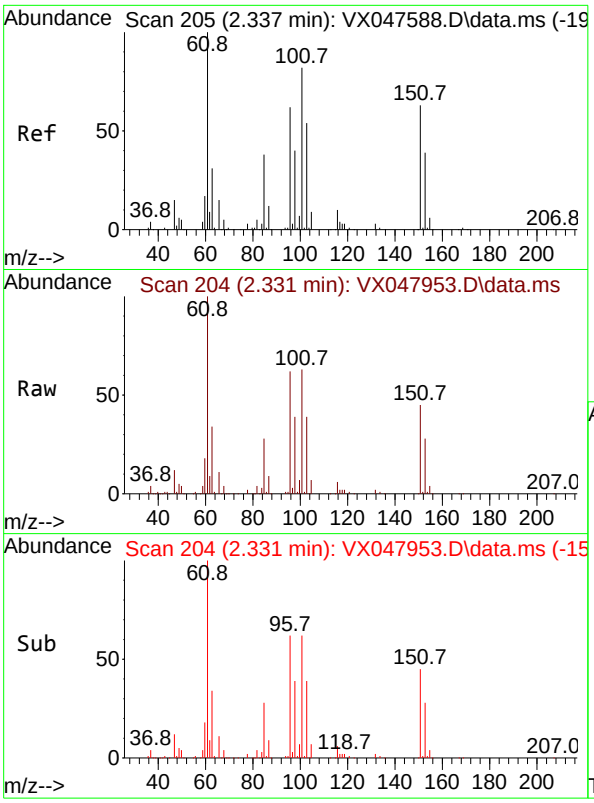


#8
Diethyl Ether
Concen: 57.841 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 74 Resp: 65916

Ion	Ratio	Lower	Upper
74	100		
45	102.7	52.3	156.8



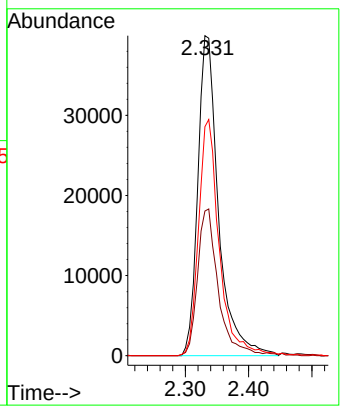


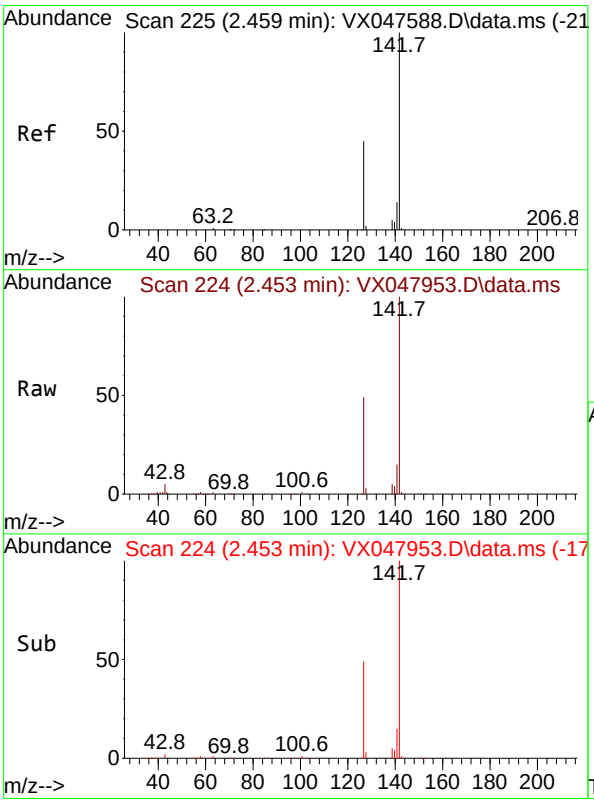
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.859 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 90993

Ion	Ratio	Lower	Upper
101	100		
85	46.2	35.5	53.3
151	73.8	59.4	89.0

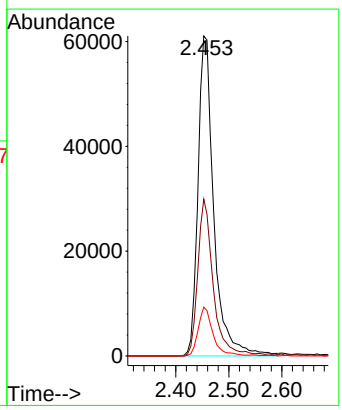


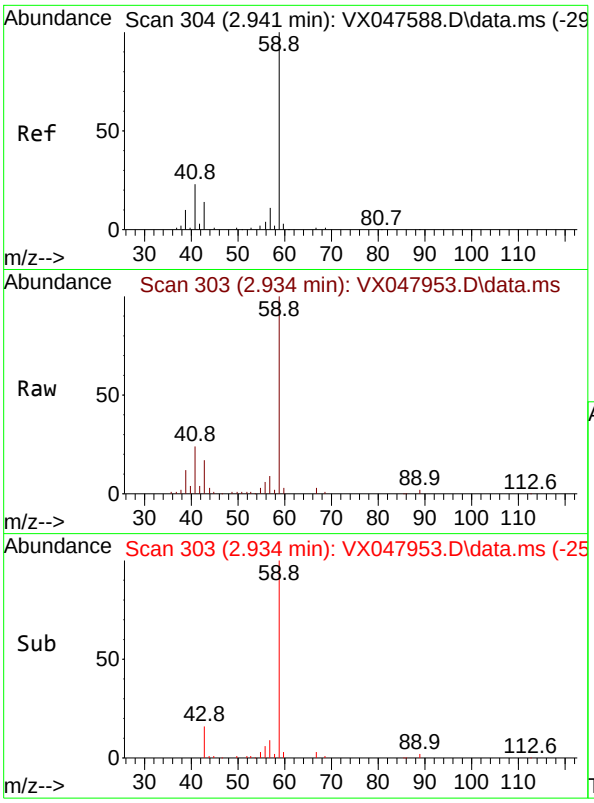


#10
Methyl Iodide
Concen: 49.948 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:142 Resp: 126895

Ion	Ratio	Lower	Upper
142	100		
127	47.7	37.2	55.8
141	14.2	11.4	17.0



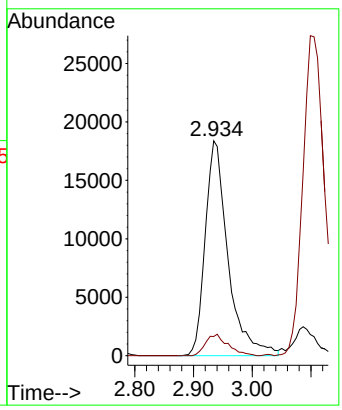


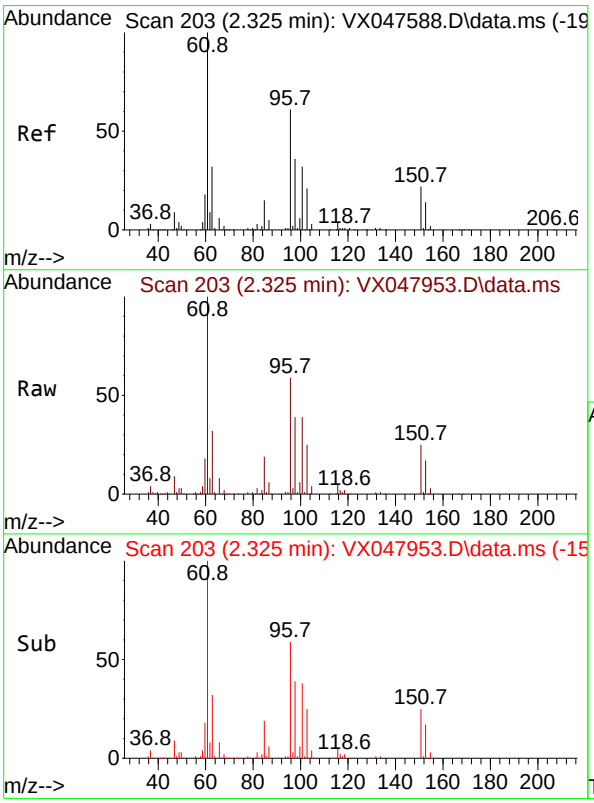
#11
Tert butyl alcohol
Concen: 198.659 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 49600

Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.3	12.5

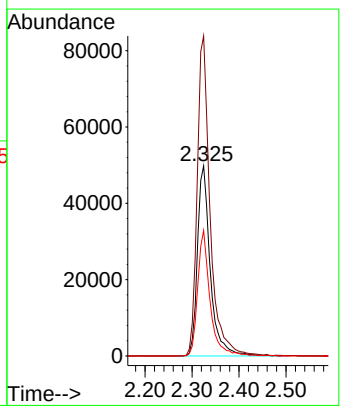


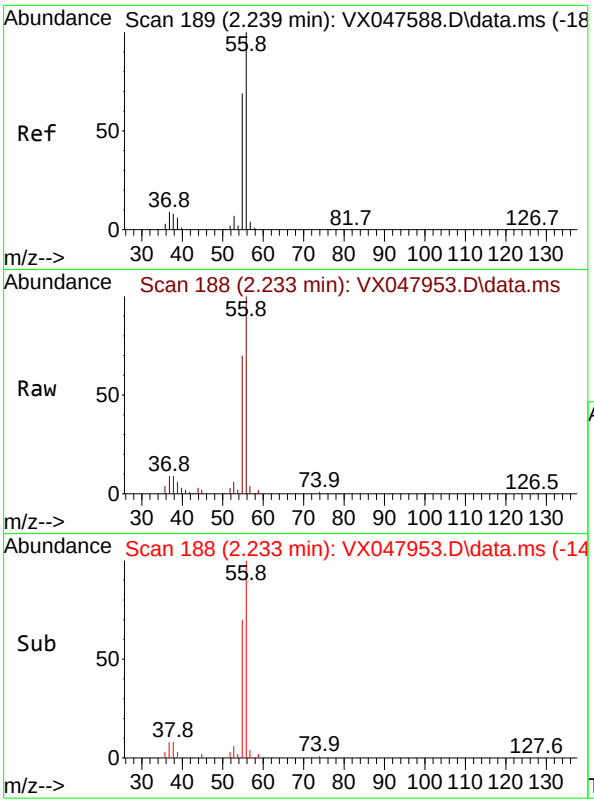


#12
1,1-Dichloroethene
Concen: 56.796 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 96 Resp: 95037

Ion	Ratio	Lower	Upper
96	100		
61	168.3	131.0	196.6
98	65.9	47.7	71.5



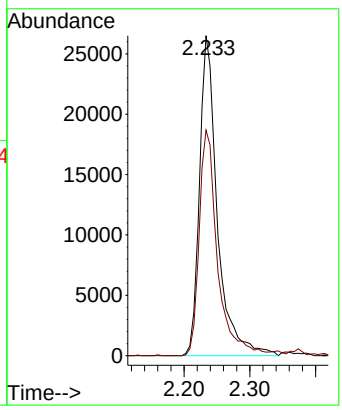


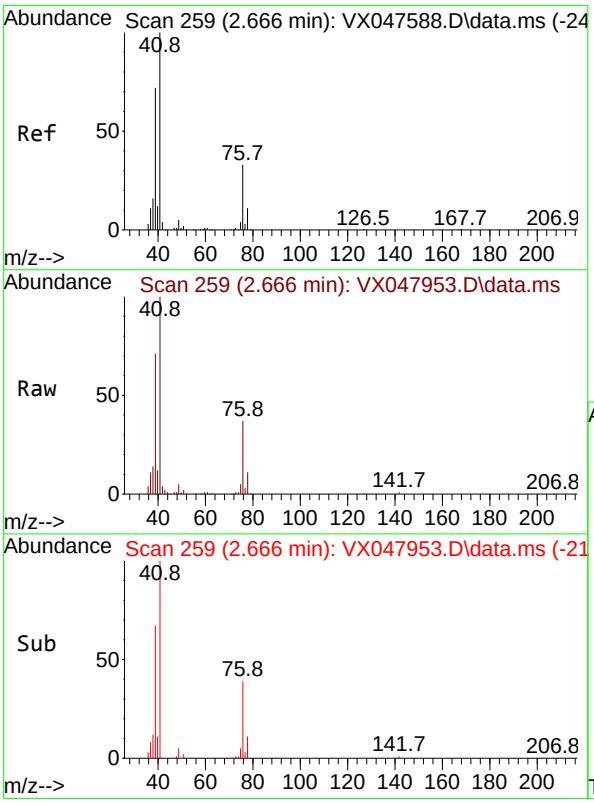
#13
Acrolein
Concen: 217.044 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 49937

Ion	Ratio	Lower	Upper
56	100		
55	71.9	57.2	85.8

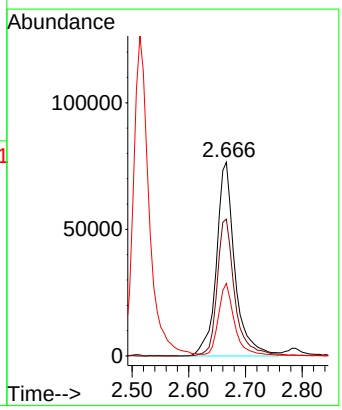


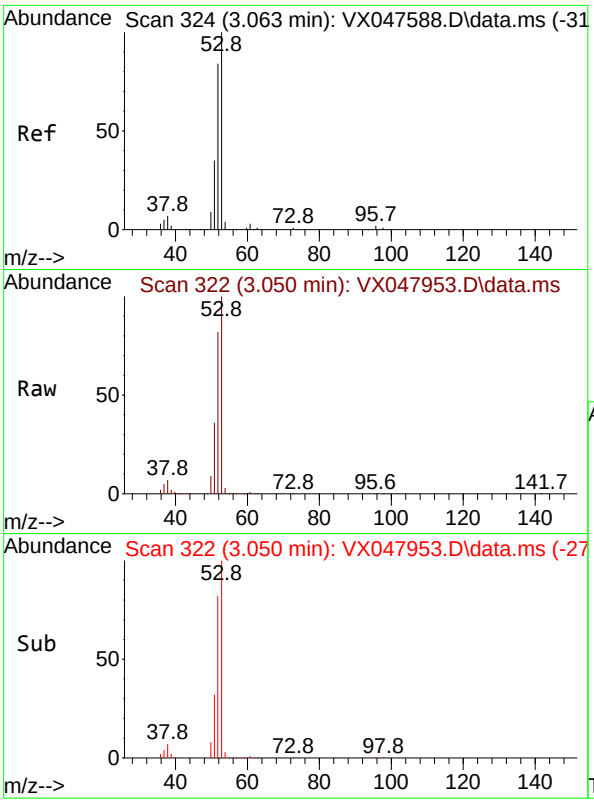


#14
Allyl chloride
Concen: 50.112 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 41 Resp: 173030

Ion	Ratio	Lower	Upper
41	100		
39	68.2	54.7	82.1
76	32.2	25.7	38.5



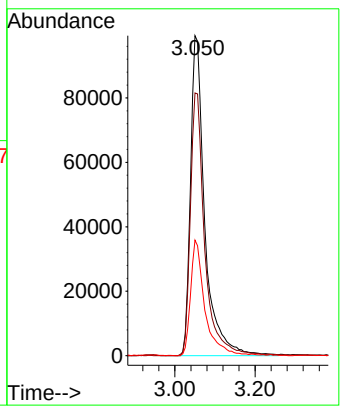


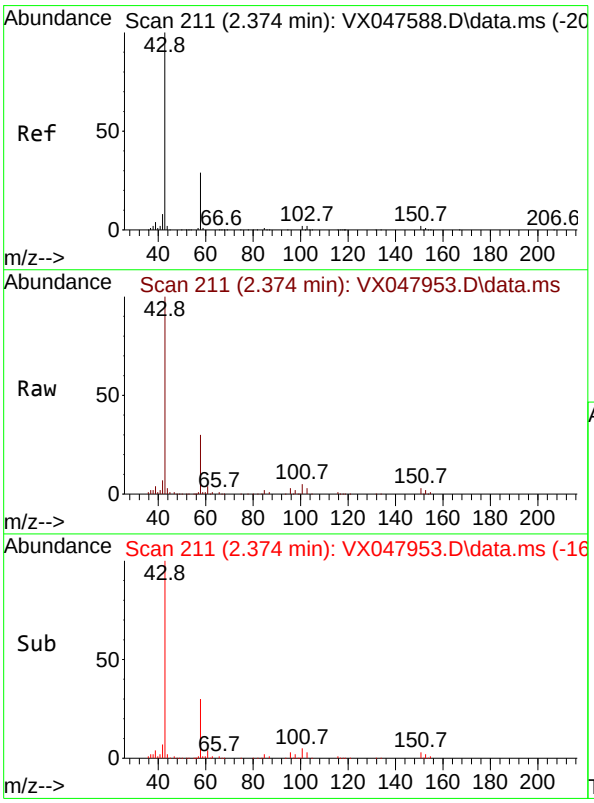
#15
Acrylonitrile
Concen: 266.451 ug/l
RT: 3.050 min Scan# 3
Delta R.T. -0.012 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 246416

Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.4	99.6
51	36.2	29.5	44.3

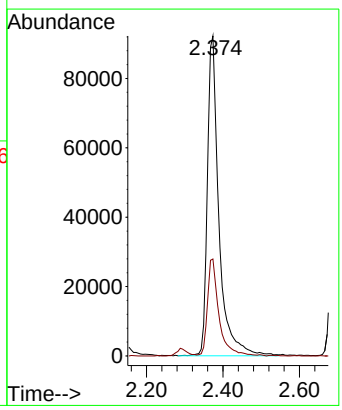


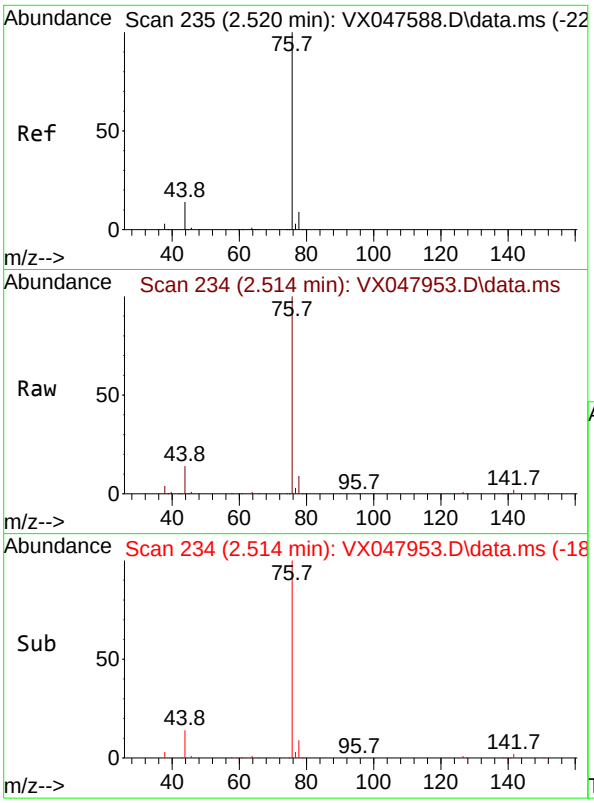


#16
Acetone
Concen: 198.289 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 43 Resp: 193278

Ion	Ratio	Lower	Upper
43	100		
58	31.6	23.4	35.0



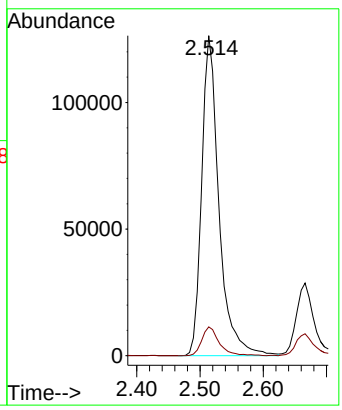


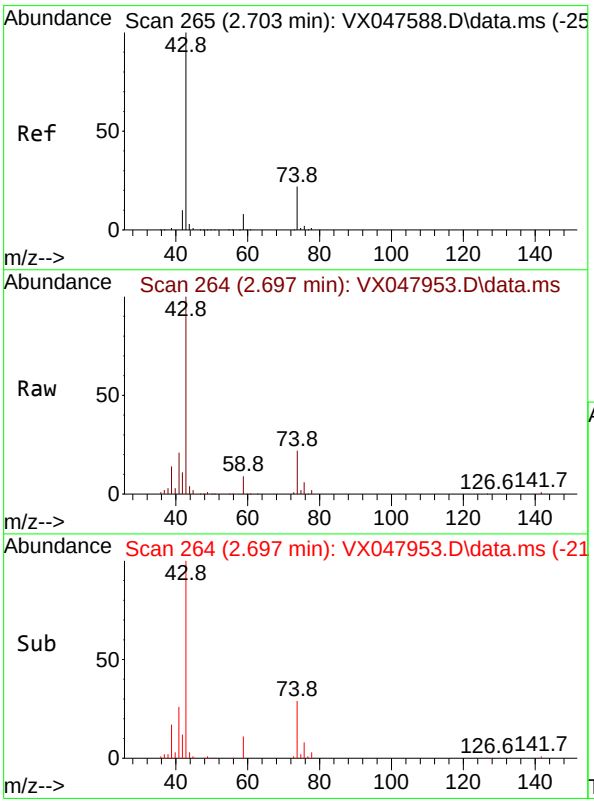
#17
Carbon Disulfide
Concen: 52.470 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 240354

Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.8	10.2

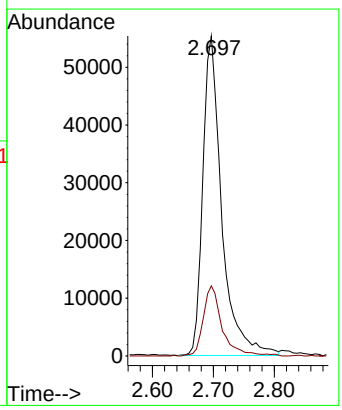


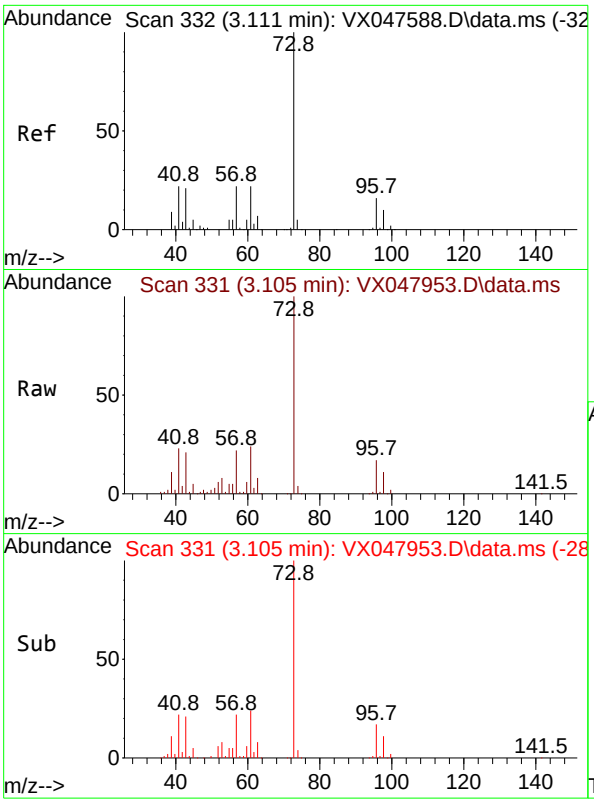


#18
Methyl Acetate
Concen: 55.035 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 43 Resp: 119385

Ion	Ratio	Lower	Upper
43	100		
74	21.5	17.4	26.2



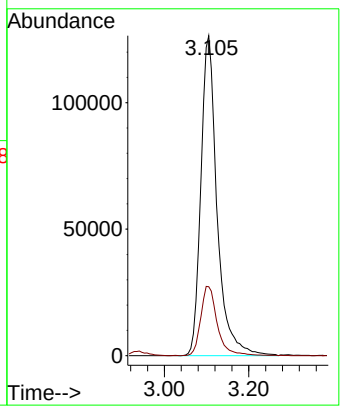


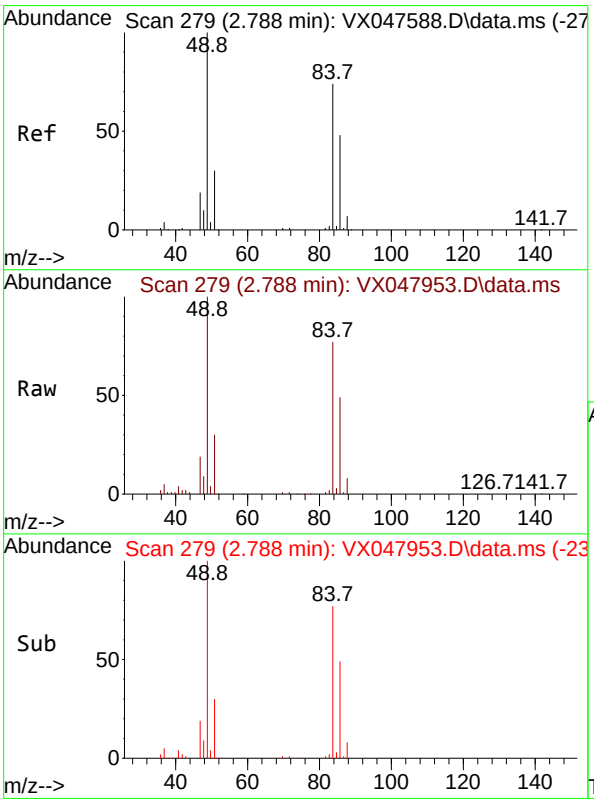
#19
Methyl tert-butyl Ether
Concen: 55.352 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 338102

Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.4	26.2

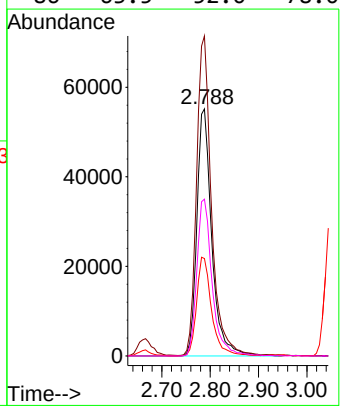


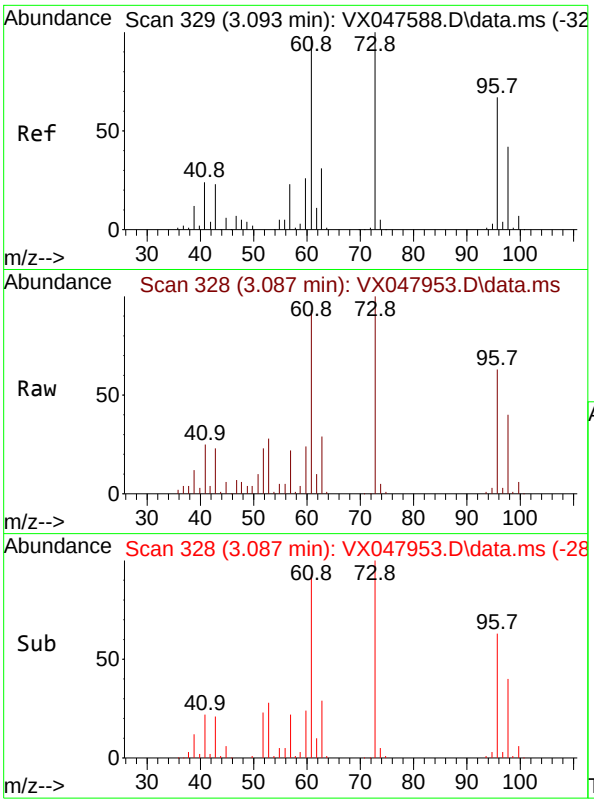


#20
Methylene Chloride
Concen: 57.289 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 84 Resp: 118201

Ion	Ratio	Lower	Upper
84	100		
49	129.3	108.6	162.8
51	39.4	32.6	48.8
86	63.5	52.0	78.0



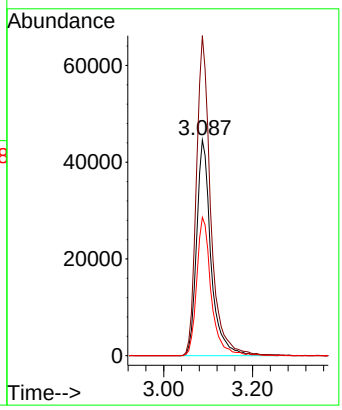


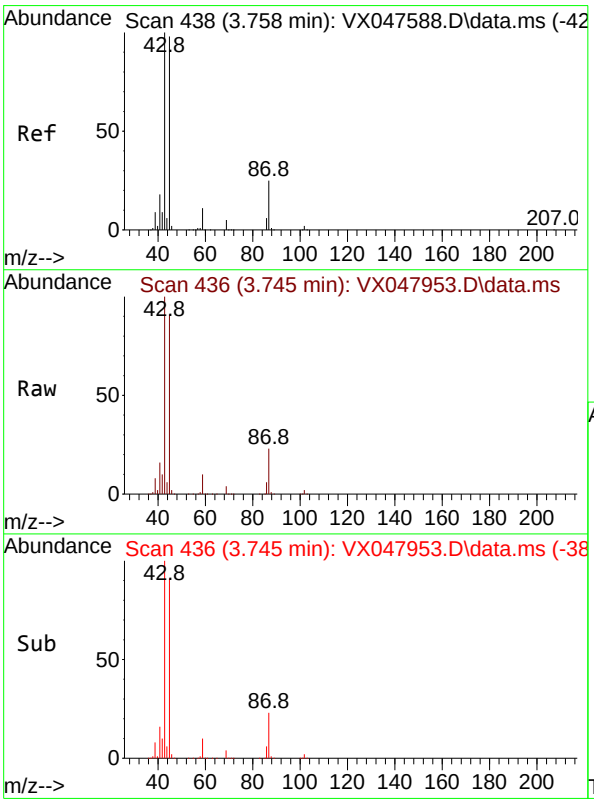
#21
trans-1,2-Dichloroethene
Concen: 55.614 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 100188

Ion	Ratio	Lower	Upper
96	100		
61	148.3	116.2	174.2
98	65.8	49.3	73.9

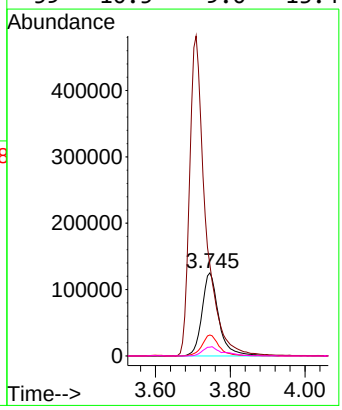


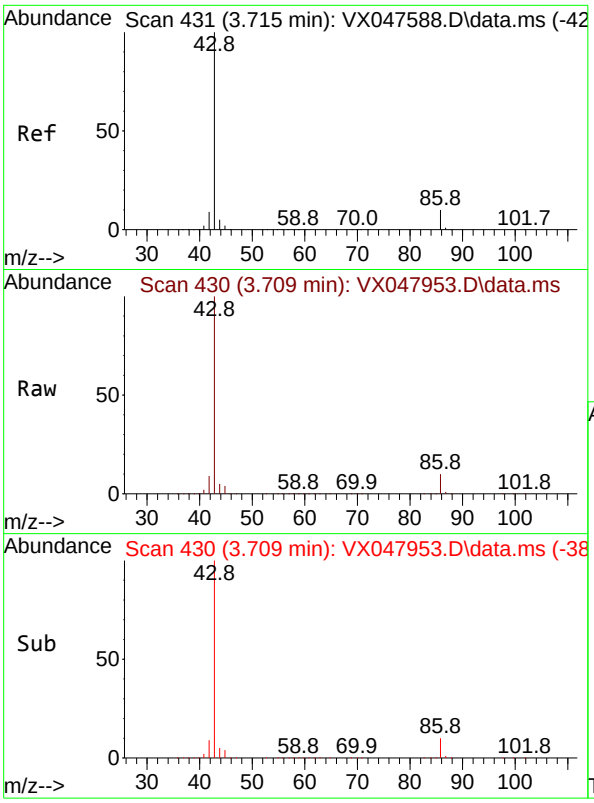


#22
Diisopropyl ether
Concen: 58.236 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 45 Resp: 389705

Ion	Ratio	Lower	Upper
45	100		
43	109.4	81.0	121.4
87	25.3	20.3	30.5
59	10.5	9.0	13.4



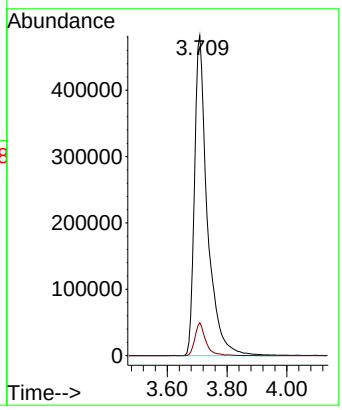


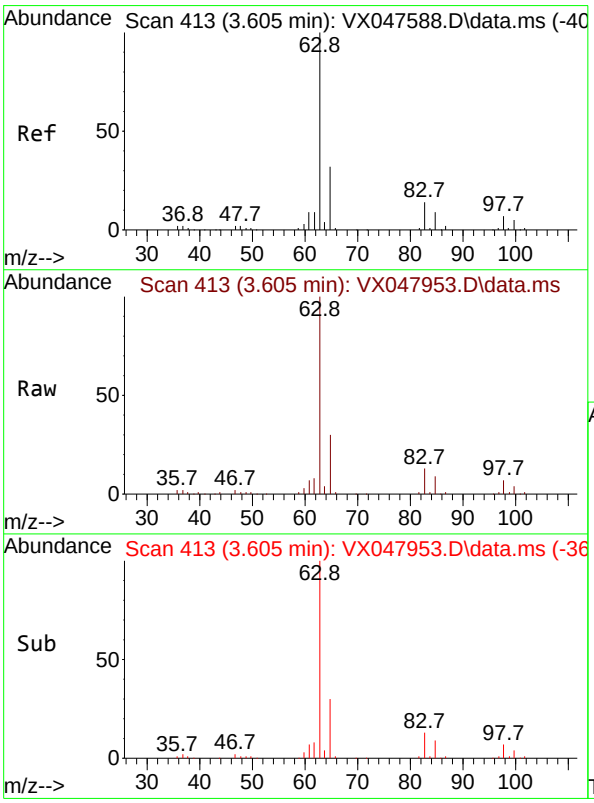
#23
Vinyl Acetate
Concen: 269.534 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1443555

Ion	Ratio	Lower	Upper
43	100		
86	10.3	7.8	11.8

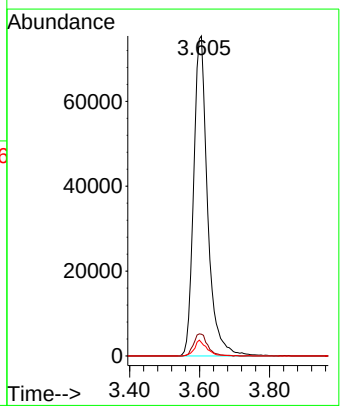


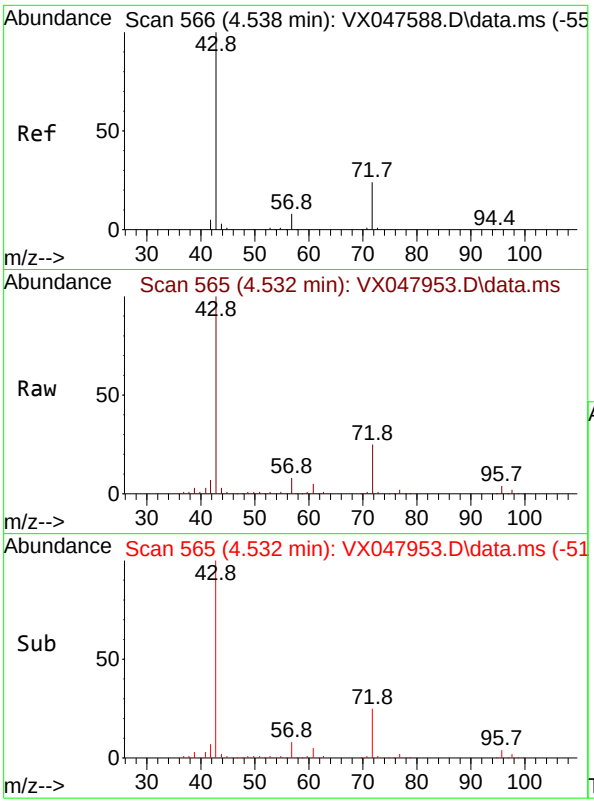


#24
1,1-Dichloroethane
Concen: 58.478 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 63 Resp: 207991

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.8	11.2
100	4.2	2.3	6.9



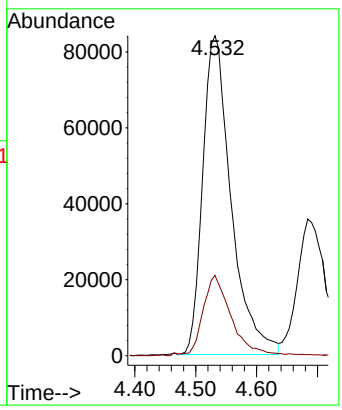


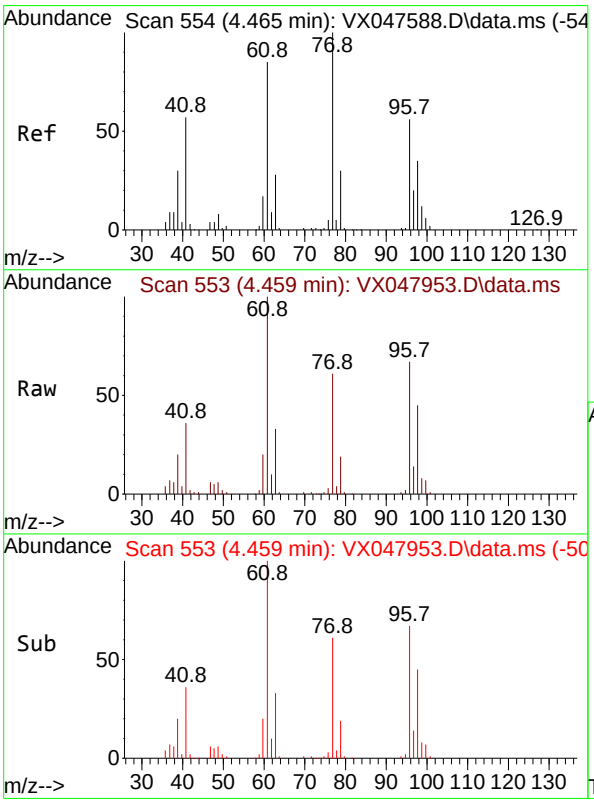
#25
2-Butanone
Concen: 224.064 ug/l
RT: 4.532 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 272429

Ion	Ratio	Lower	Upper
43	100		
72	24.6	20.1	30.1

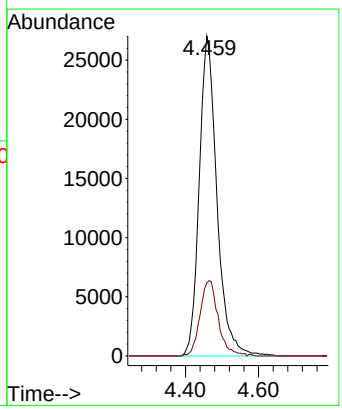


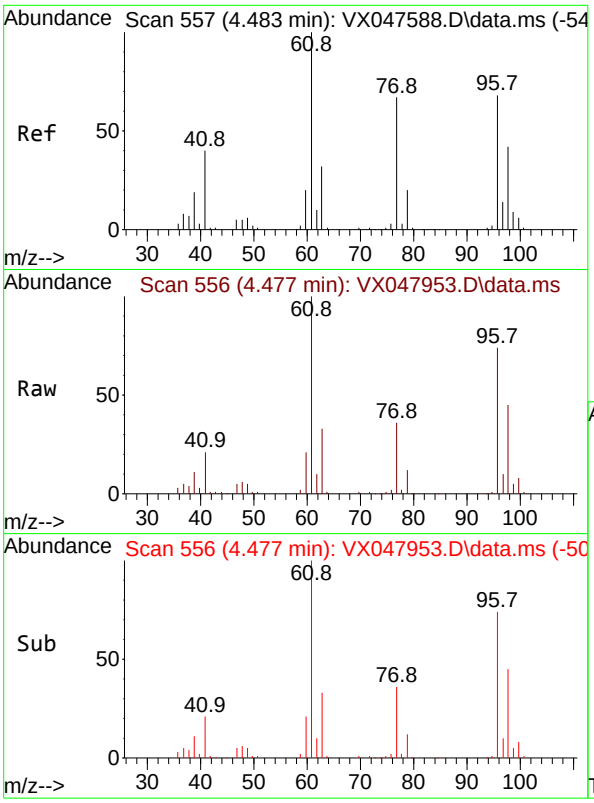


#26
2,2-Dichloropropane
Concen: 30.778 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 77 Resp: 90997

Ion	Ratio	Lower	Upper
77	100		
97	24.1	10.9	32.7



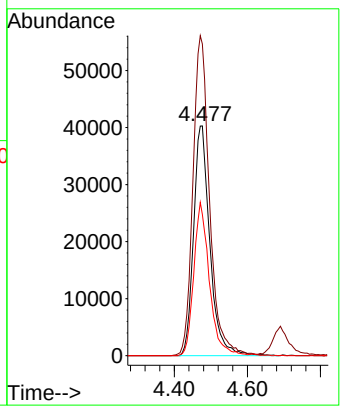


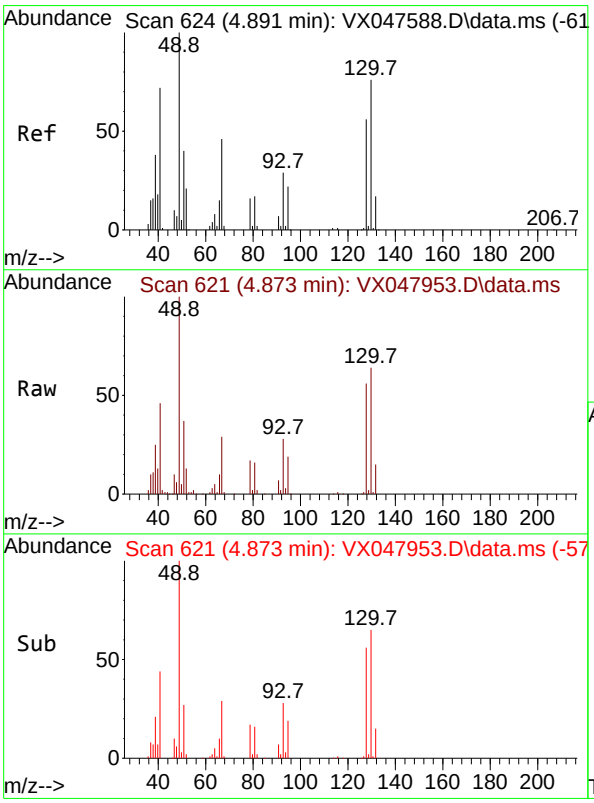
#27
cis-1,2-Dichloroethene
Concen: 56.636 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 124952

Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	303.2
98	64.0	0.0	127.8

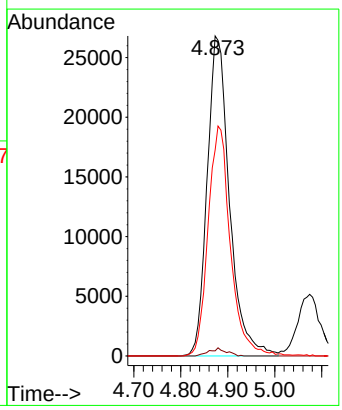


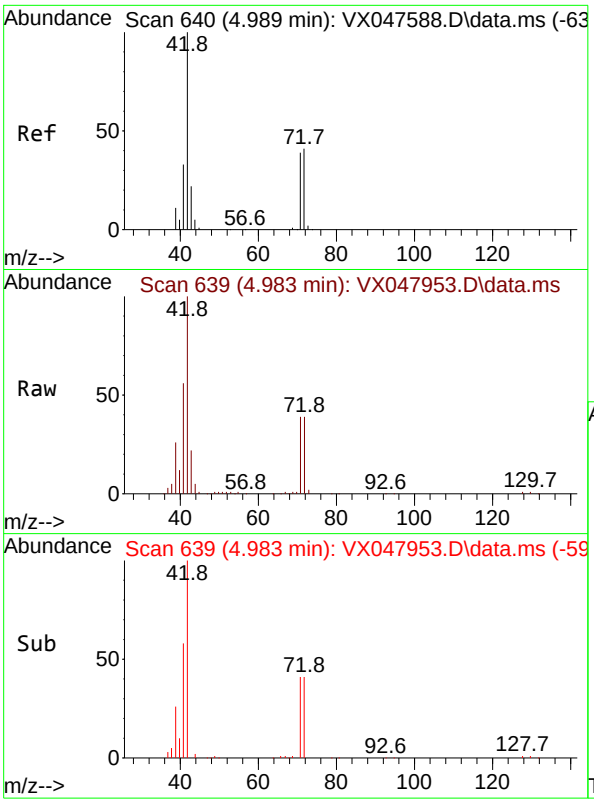


#28
Bromochloromethane
Concen: 56.862 ug/l
RT: 4.873 min Scan# 621
Delta R.T. -0.018 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 49 Resp: 88293

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.2
130	71.8	57.8	86.8



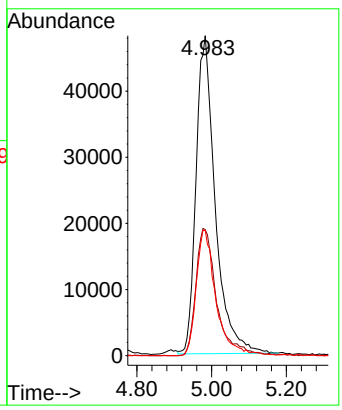


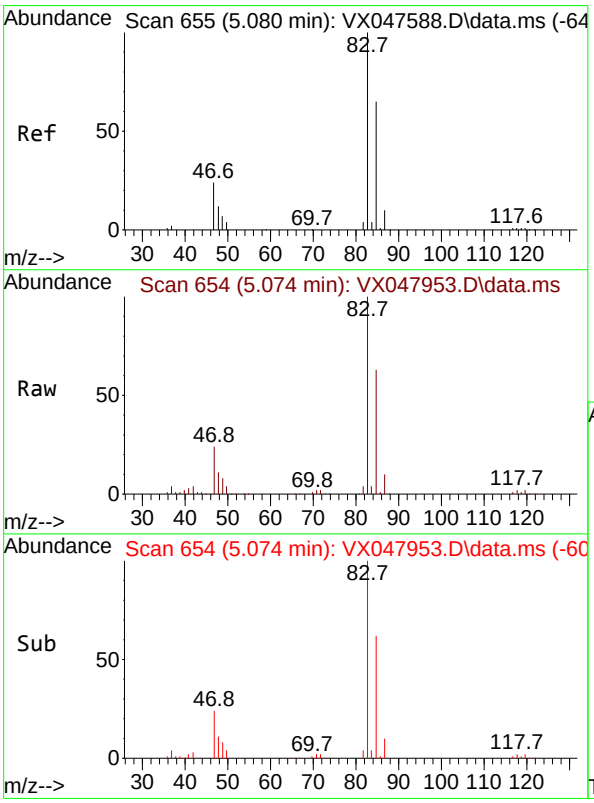
#29
Tetrahydrofuran
Concen: 233.893 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 171076

Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.2	51.2
71	40.0	31.9	47.9

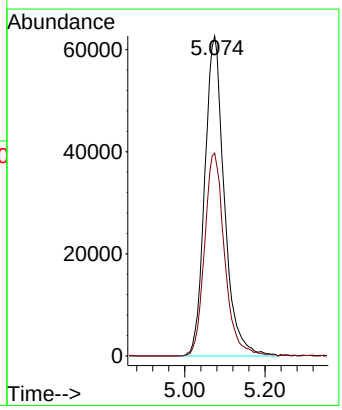


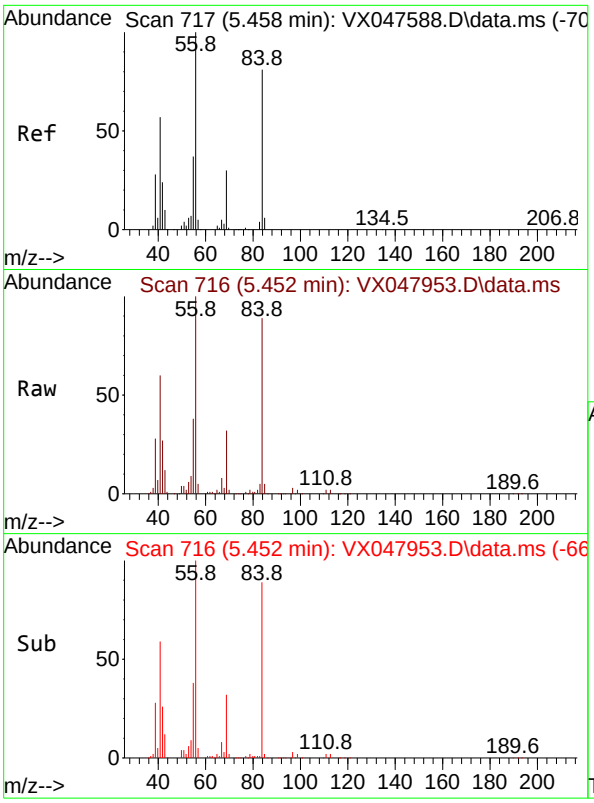


#30
Chloroform
Concen: 58.969 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 83 Resp: 211945

Ion	Ratio	Lower	Upper
83	100		
85	61.2	51.8	77.6



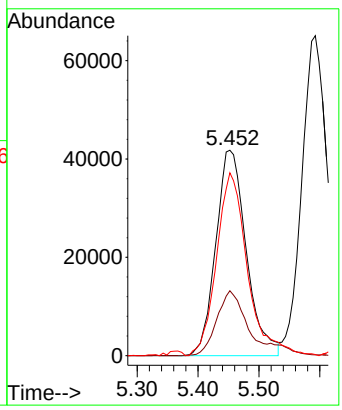


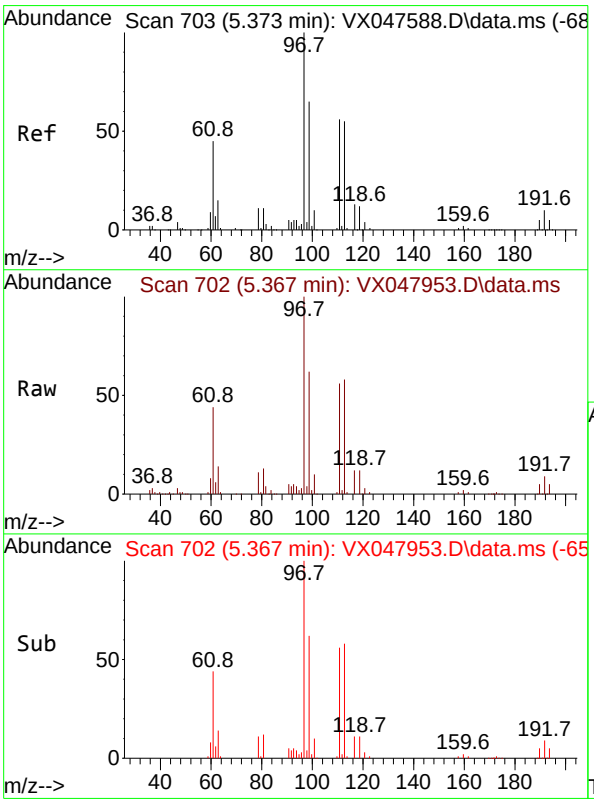
#31
Cyclohexane
Concen: 49.071 ug/l
RT: 5.452 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 145363

Ion	Ratio	Lower	Upper
56	100		
69	31.7	23.8	35.8
84	86.7	64.6	97.0

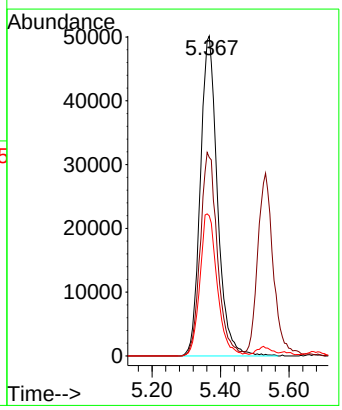


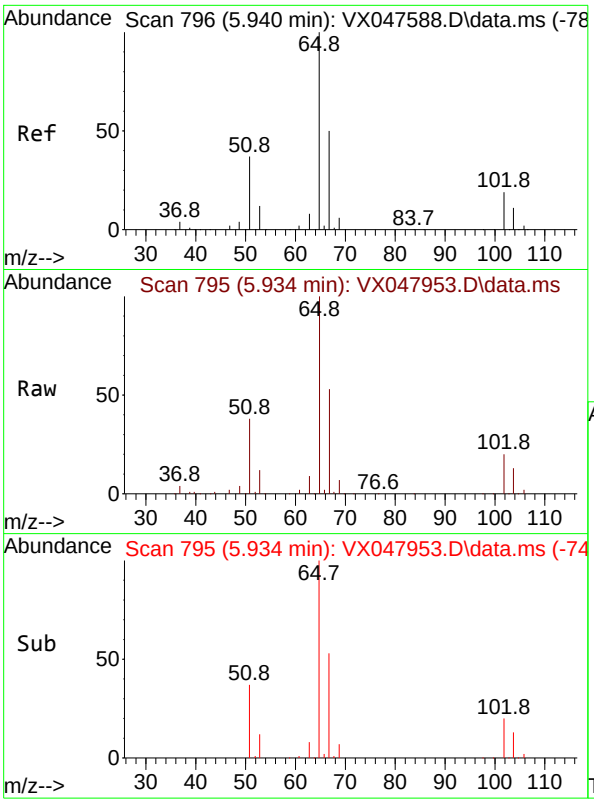


#32
1,1,1-Trichloroethane
Concen: 57.151 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 97 Resp: 174234

Ion	Ratio	Lower	Upper
97	100		
99	63.8	50.6	76.0
61	45.1	35.8	53.8



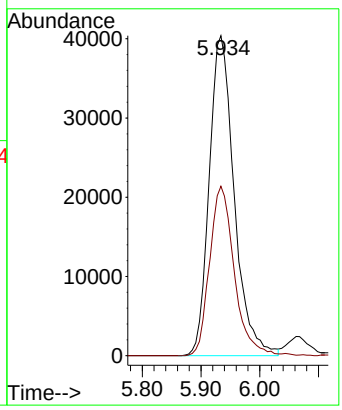


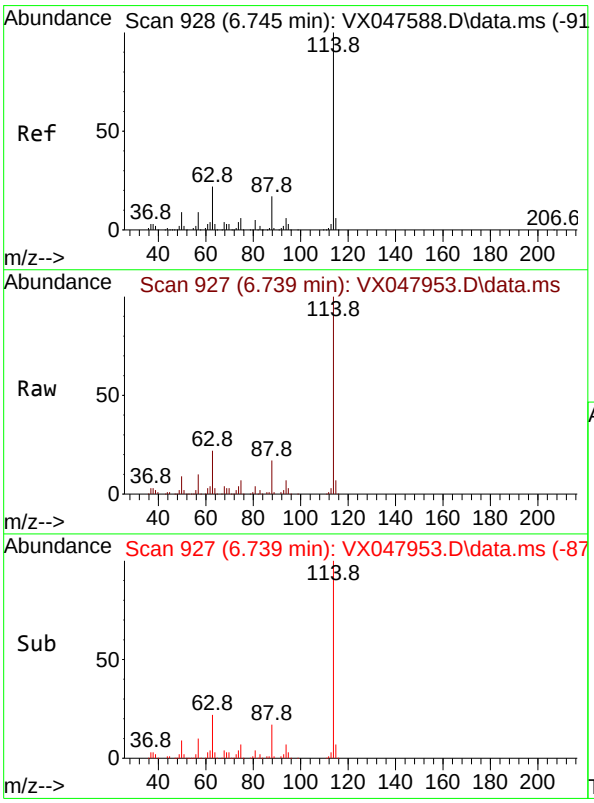
#33
1,2-Dichloroethane-d4
Concen: 53.236 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 119342

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	103.0

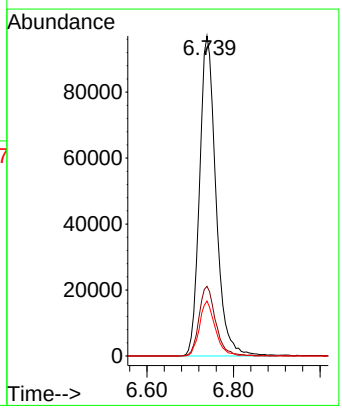


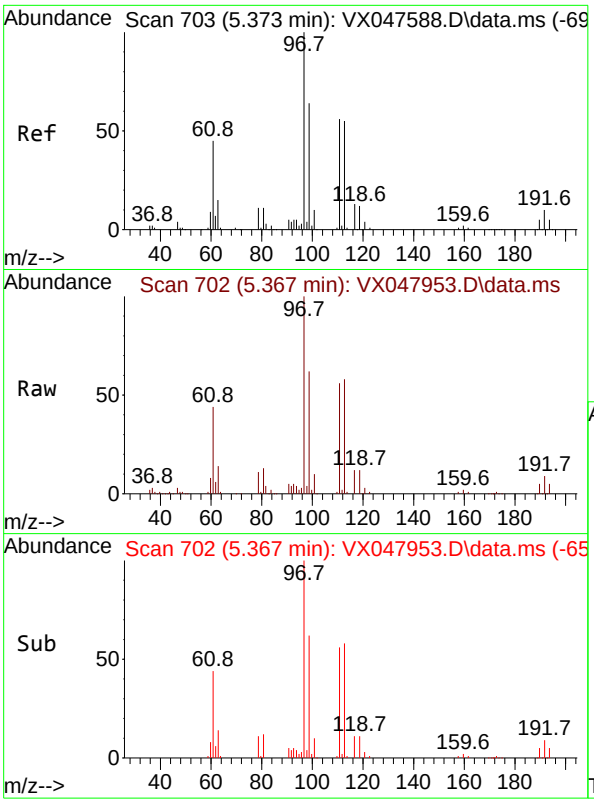


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:114 Resp: 255190

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	44.0
88	17.2	0.0	34.2



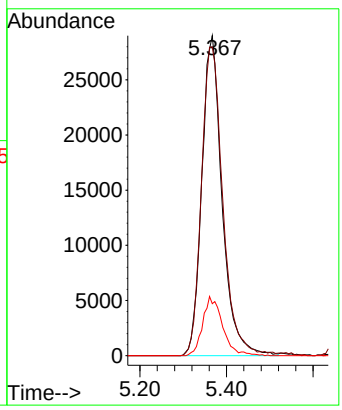


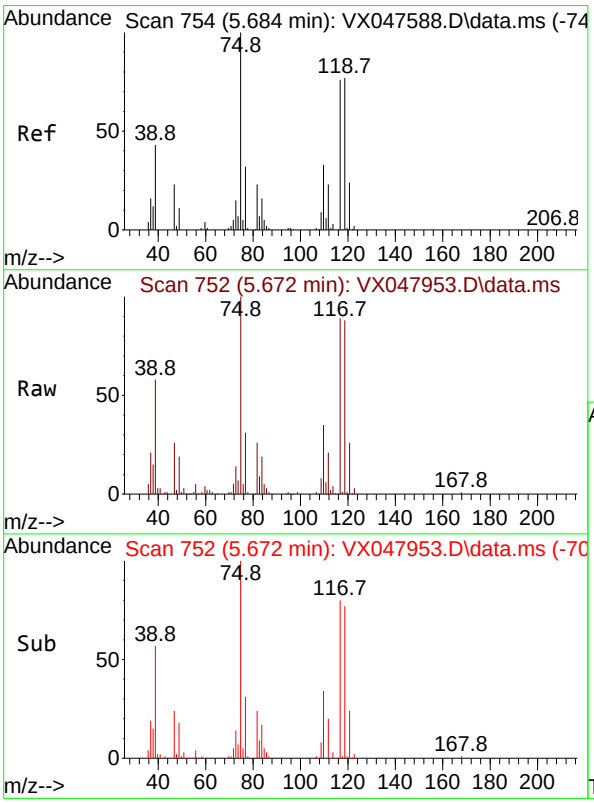
#35
Dibromofluoromethane
Concen: 55.086 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 94277

Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.9	121.3
192	18.1	14.2	21.4

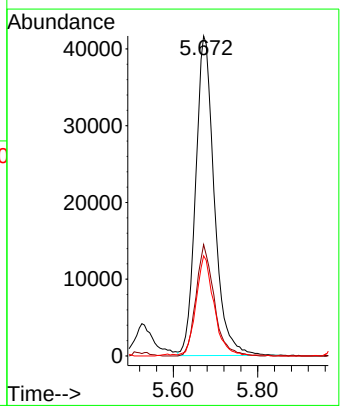


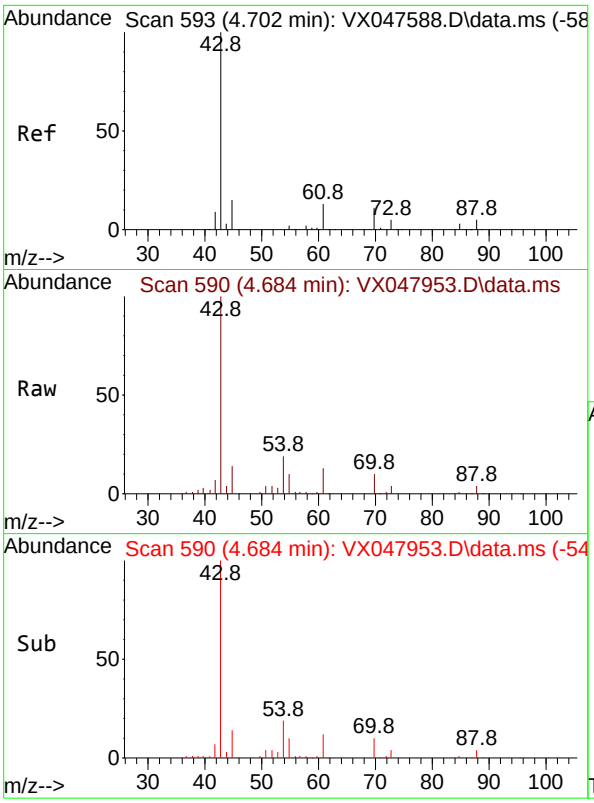


#36
1,1-Dichloropropene
Concen: 51.239 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 75 Resp: 128140

Ion	Ratio	Lower	Upper
75	100		
110	33.9	16.7	50.1
77	29.9	24.3	36.5



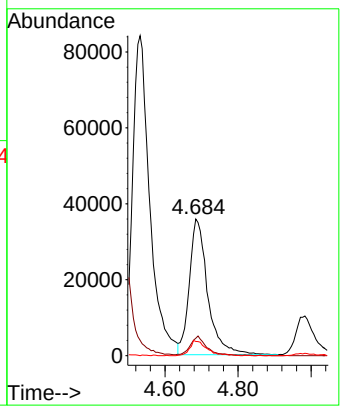


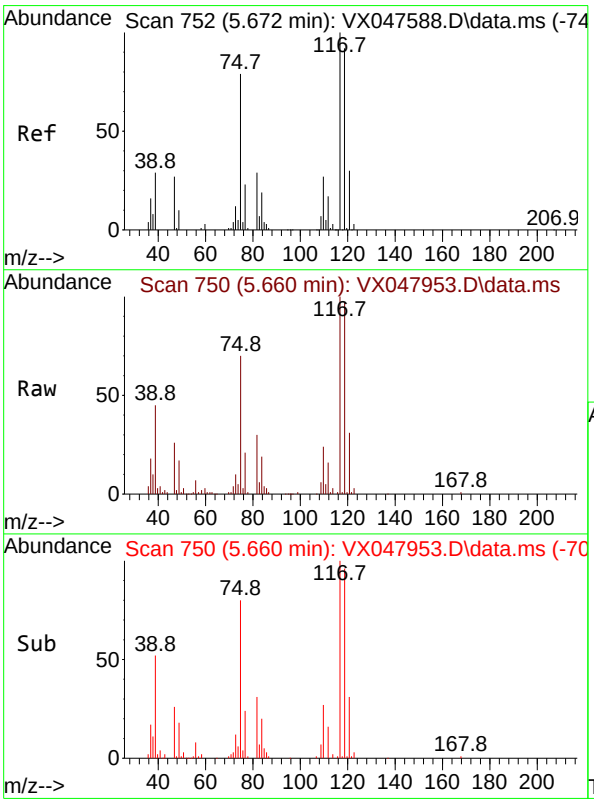
#37
Ethyl Acetate
Concen: 46.832 ug/l
RT: 4.684 min Scan# 5
Delta R.T. -0.018 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 125401

Ion	Ratio	Lower	Upper
43	100		
61	12.0	9.8	14.8
70	10.2	7.9	11.9

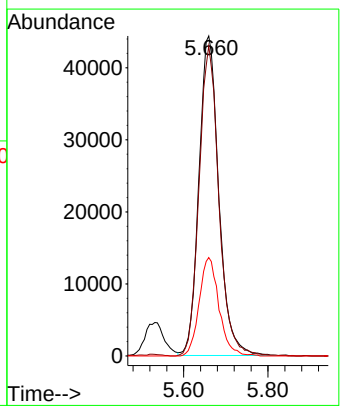


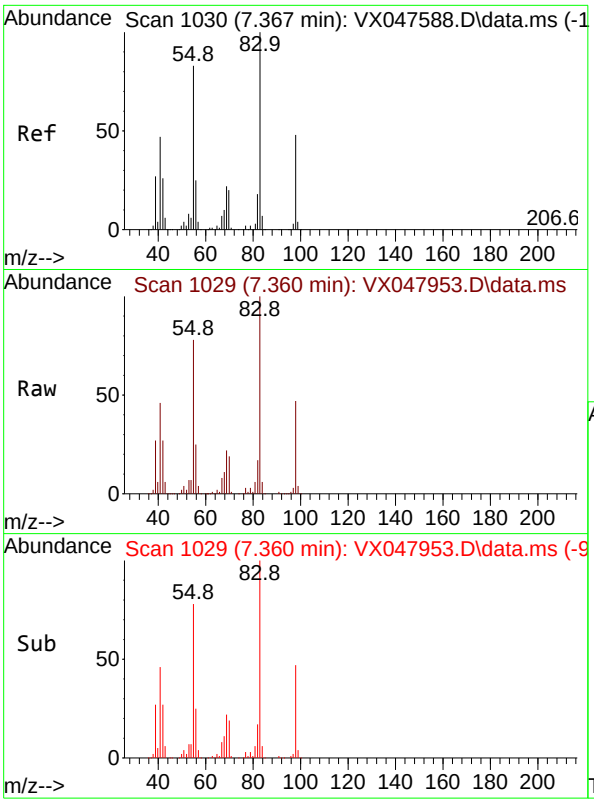


#38
Carbon Tetrachloride
Concen: 53.661 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:117 Resp: 145807

Ion	Ratio	Lower	Upper
117	100		
119	96.8	73.4	110.2
121	30.8	23.8	35.6



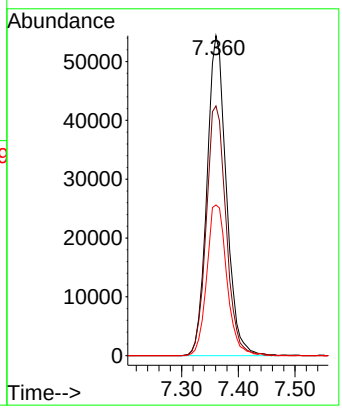


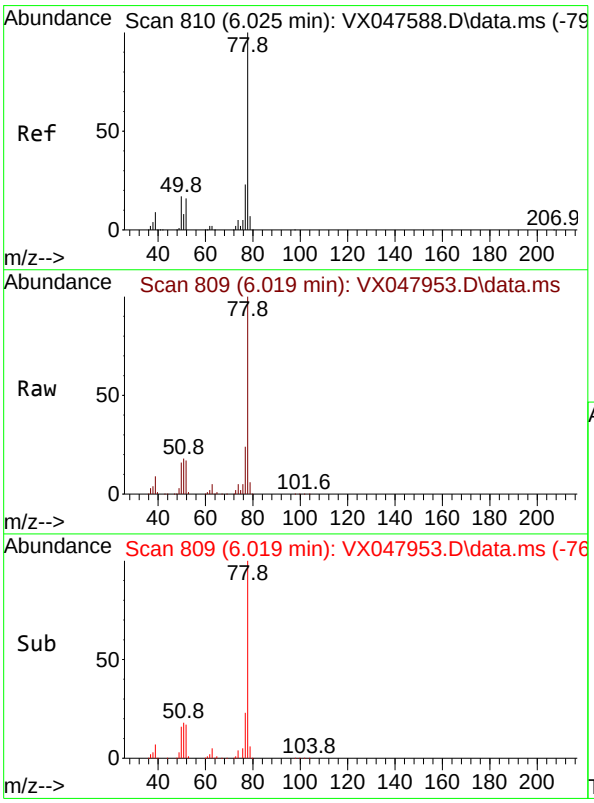
#39
Methylcyclohexane
Concen: 45.491 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 129139

Ion	Ratio	Lower	Upper
83	100		
55	78.1	66.4	99.6
98	47.1	38.1	57.1

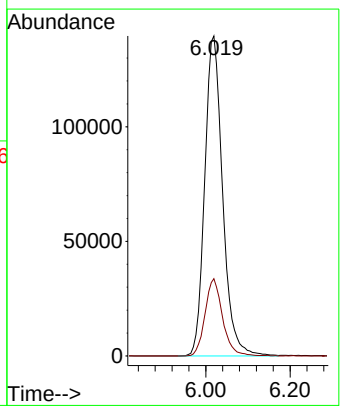


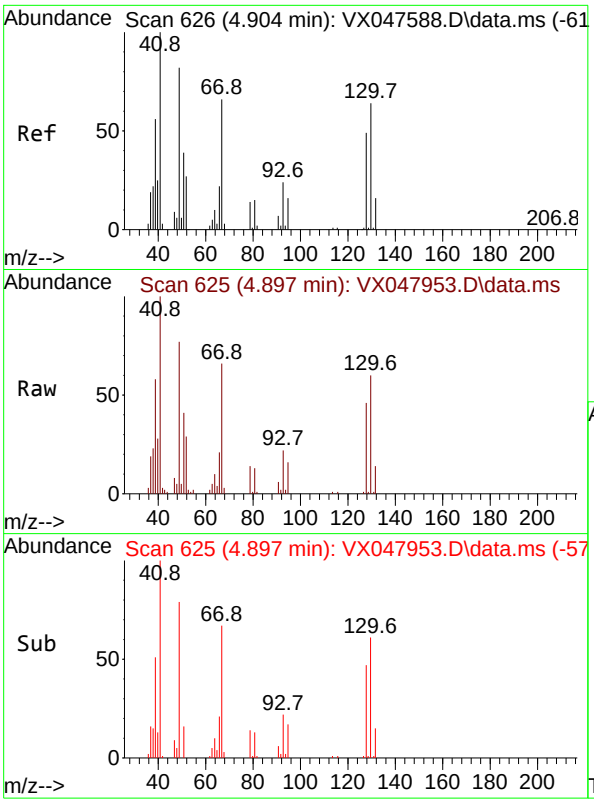


#40
Benzene
Concen: 54.319 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 78 Resp: 412588

Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.8	28.2



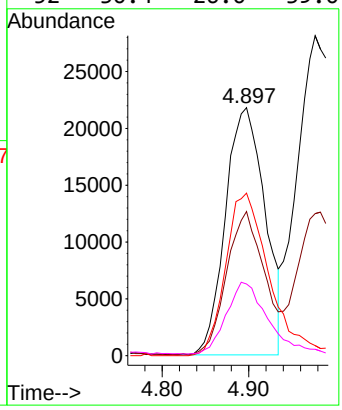


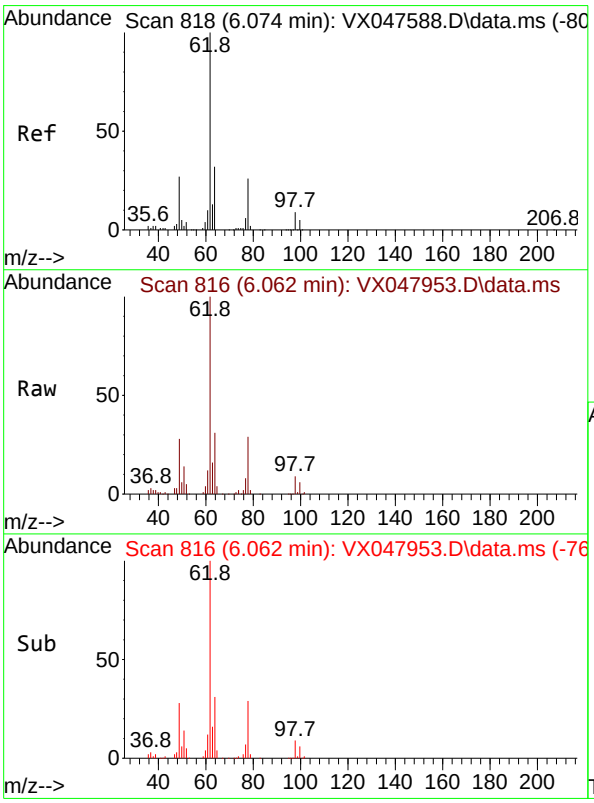
#41
Methacrylonitrile
Concen: 49.975 ug/l
RT: 4.897 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 69084

Ion	Ratio	Lower	Upper
41	100		
39	54.7	43.3	64.9
67	73.6	58.6	87.8
52	30.4	26.0	39.0

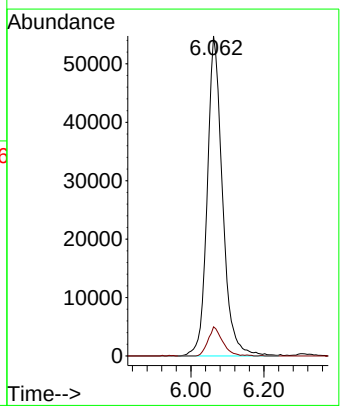


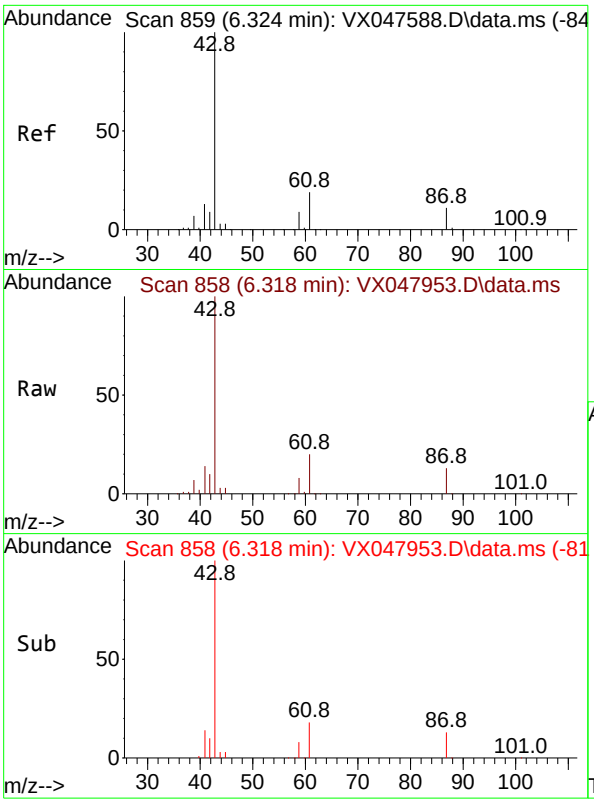


#42
1,2-Dichloroethane
Concen: 54.885 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.012 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 62 Resp: 158621

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.0



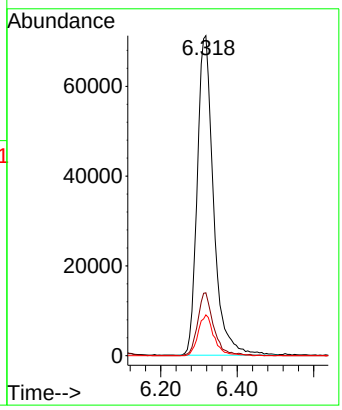


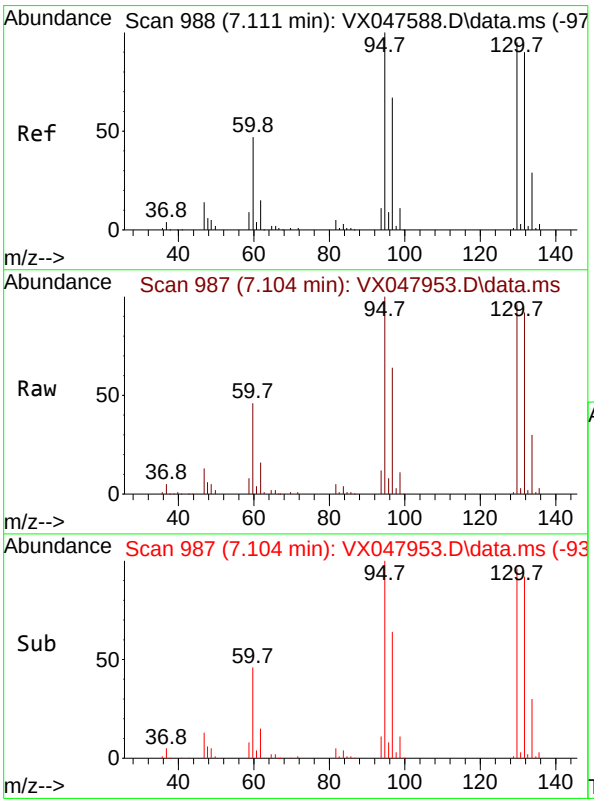
#43
Isopropyl Acetate
Concen: 47.901 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 210358

Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.2	22.8
87	12.5	9.6	14.4

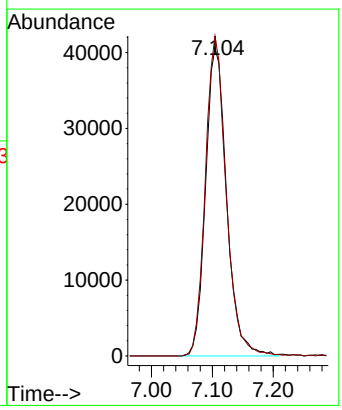


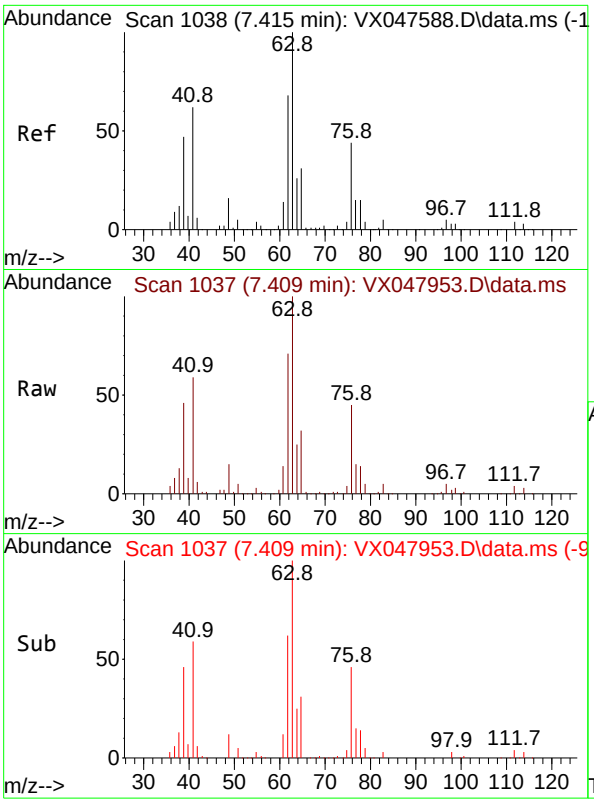


#44
Trichloroethene
Concen: 53.448 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:130 Resp: 98149

Ion	Ratio	Lower	Upper
130	100		
95	103.9	0.0	210.8



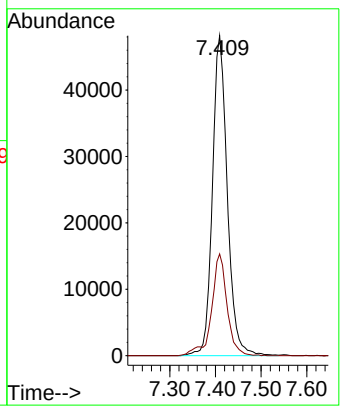


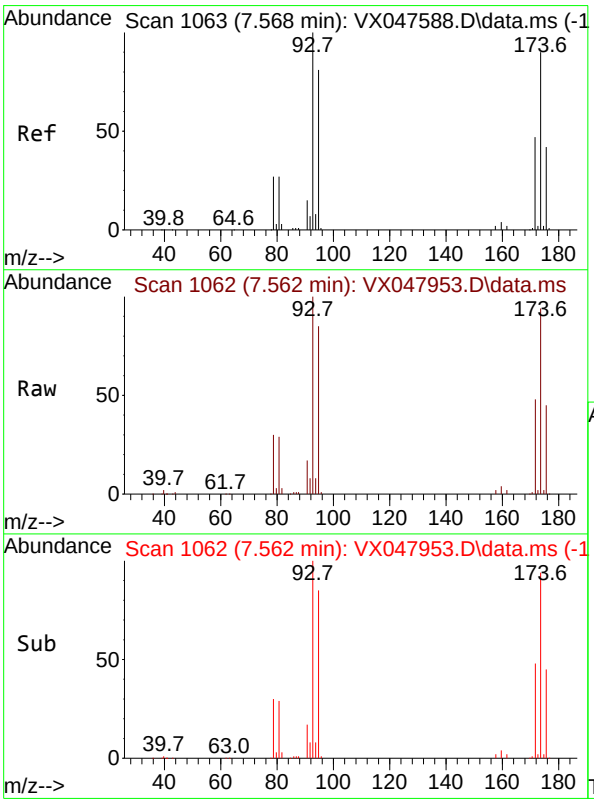
#45
1,2-Dichloropropane
Concen: 56.048 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 109011

Ion	Ratio	Lower	Upper
63	100		
65	31.8	24.7	37.1

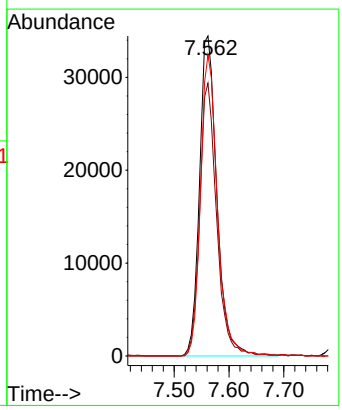


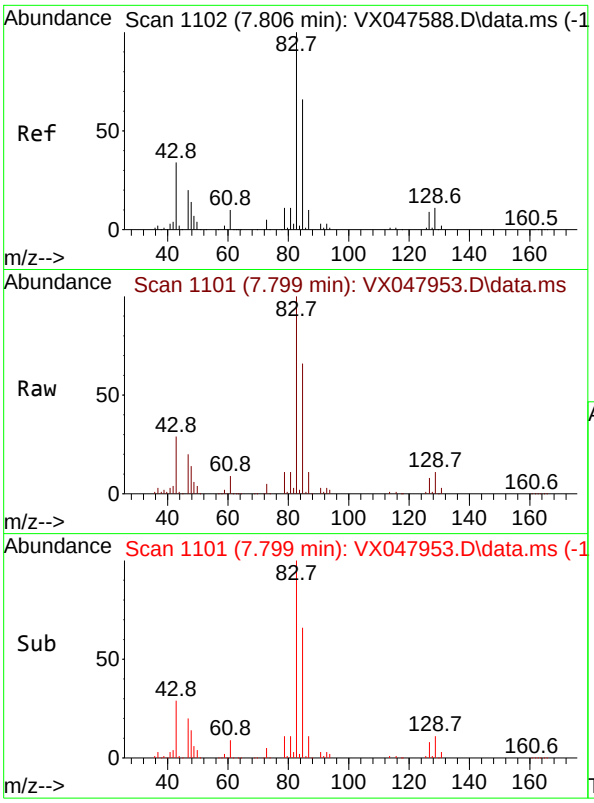


#46
Dibromomethane
Concen: 53.694 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 93 Resp: 75995

Ion	Ratio	Lower	Upper
93	100		
95	82.6	65.0	97.6
174	91.4	71.6	107.4



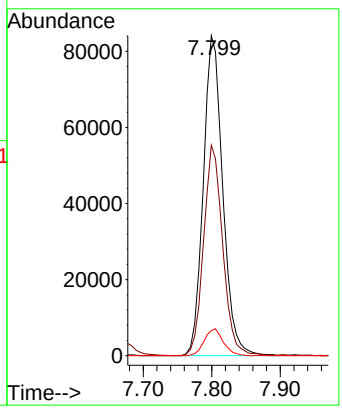


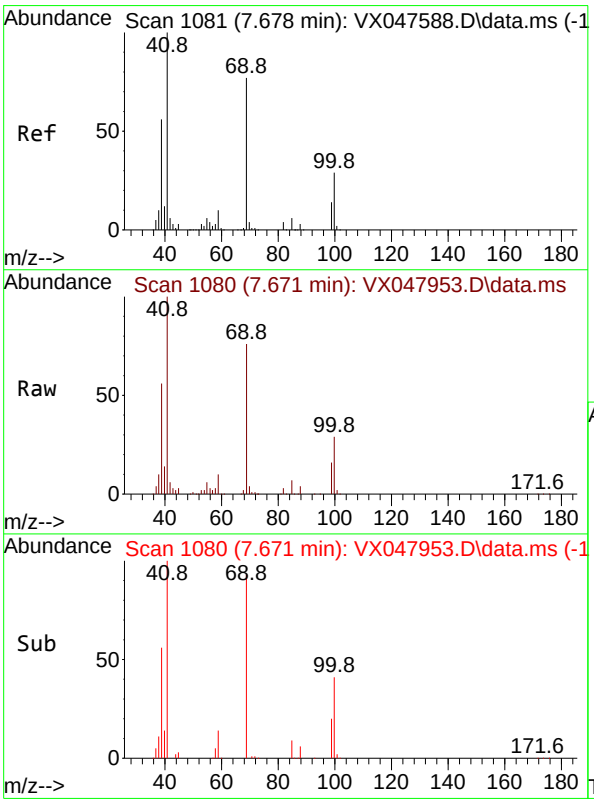
#47
Bromodichloromethane
Concen: 56.967 ug/l
RT: 7.799 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 166380

Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.5	78.7
127	7.9	6.9	10.3

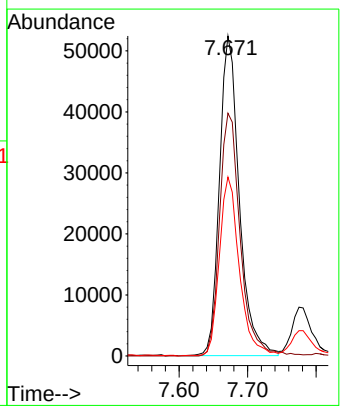


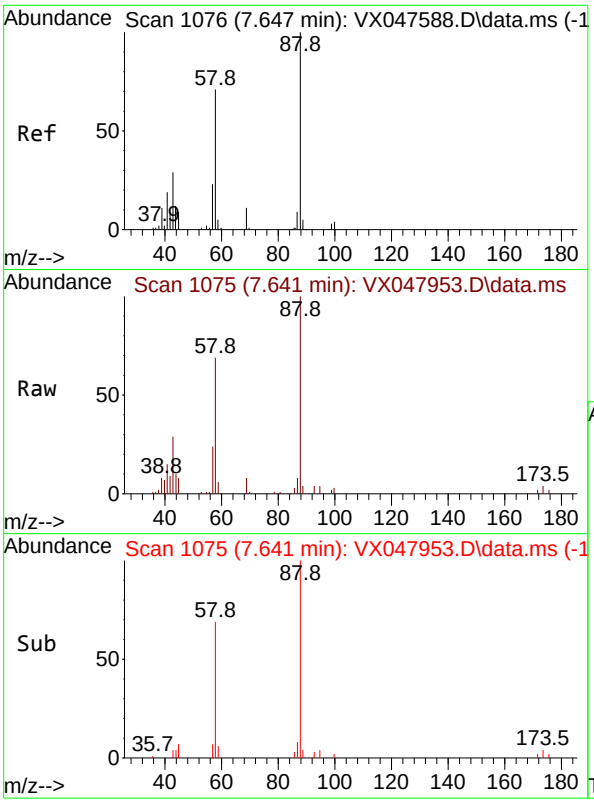


#48
Methyl methacrylate
Concen: 48.168 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 41 Resp: 105367

Ion	Ratio	Lower	Upper
41	100		
69	79.2	61.4	92.2
39	56.6	45.8	68.6



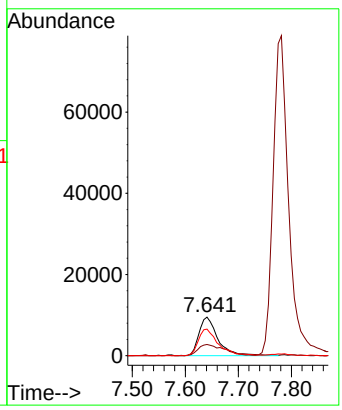


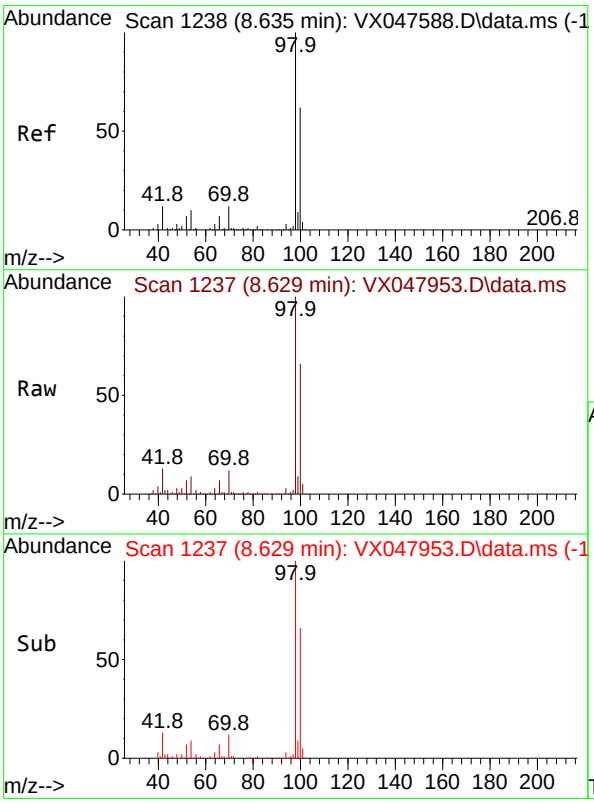
#49
1,4-Dioxane
Concen: 1069.039 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 23633

Ion	Ratio	Lower	Upper
88	100		
43	40.2	30.2	45.2
58	73.1	59.5	89.3

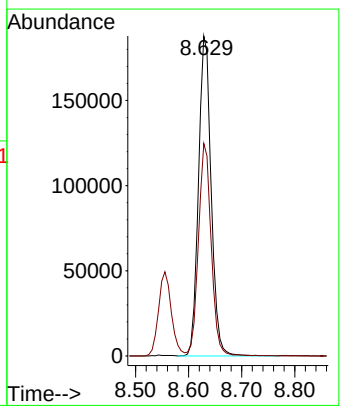


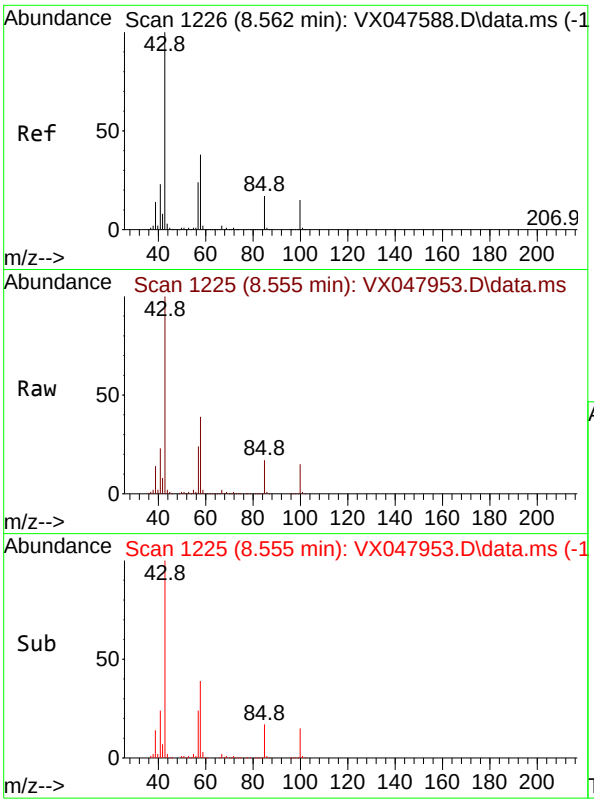


#50
Toluene-d8
Concen: 52.554 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 98 Resp: 311220

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.4



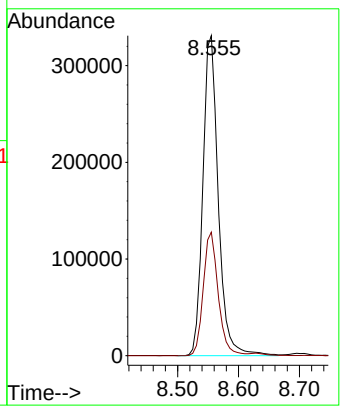


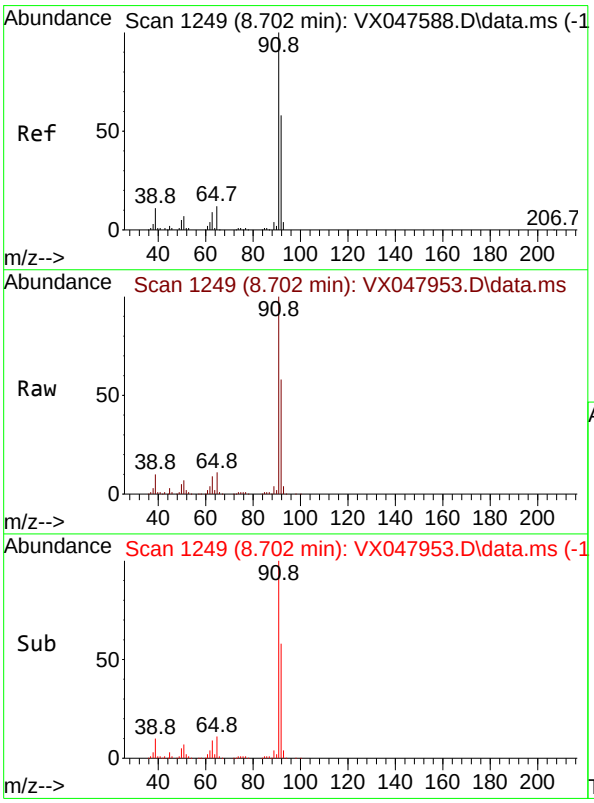
#51
4-Methyl-2-Pentanone
Concen: 238.909 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 581711

Ion	Ratio	Lower	Upper
43	100		
58	37.5	30.3	45.5

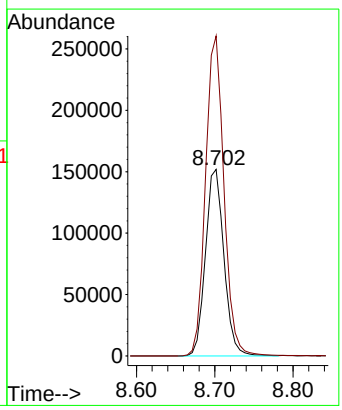


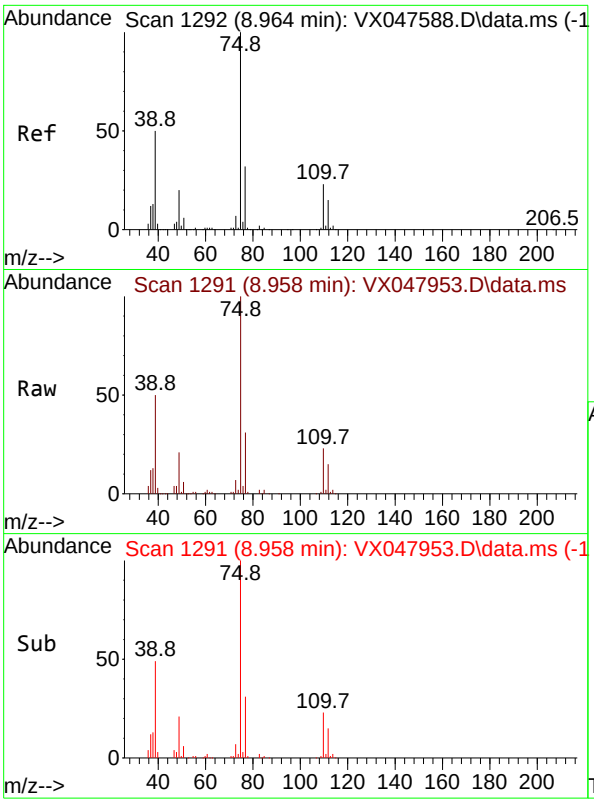


#52
Toluene
Concen: 53.226 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 92 Resp: 249080

Ion	Ratio	Lower	Upper
92	100		
91	170.9	137.1	205.7



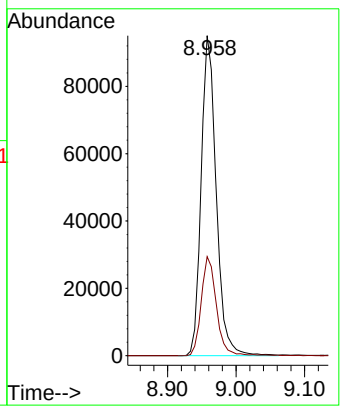


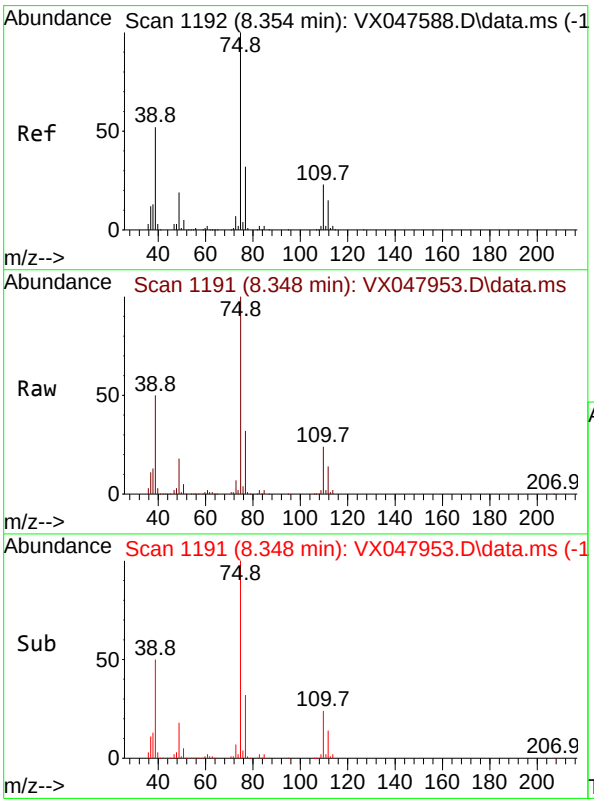
#53
t-1,3-Dichloropropene
Concen: 48.842 ug/l
RT: 8.958 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 145506

Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.4	38.2

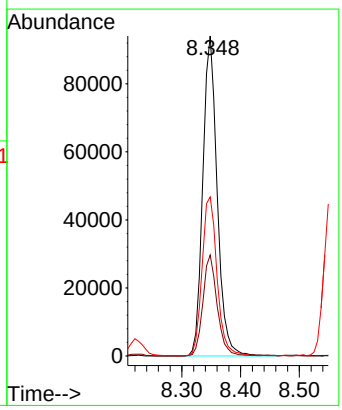


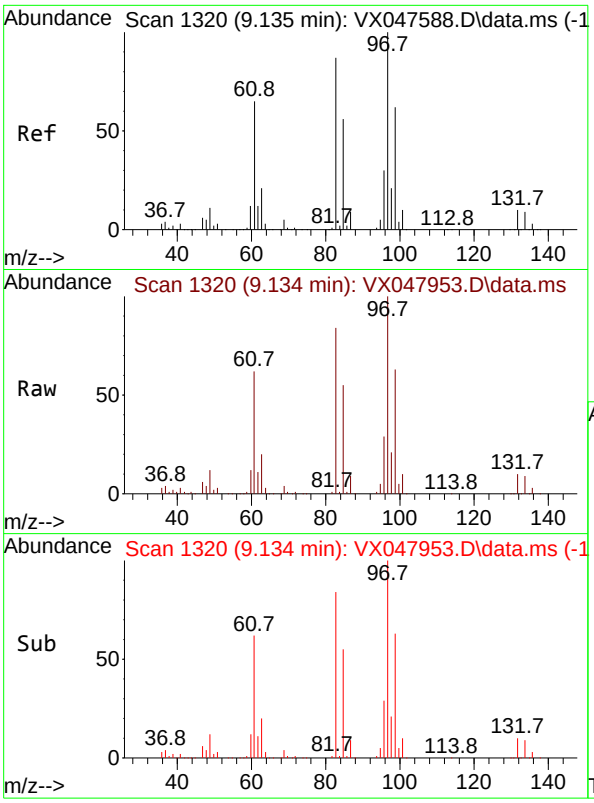


#54
cis-1,3-Dichloropropene
Concen: 50.207 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 75 Resp: 159868

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.8	38.6
39	49.1	41.4	62.2



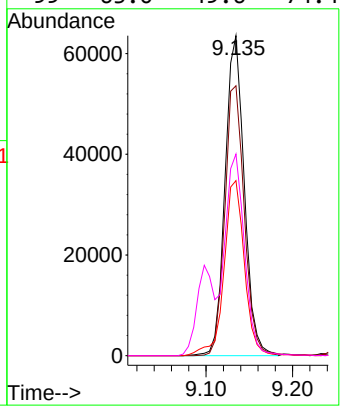


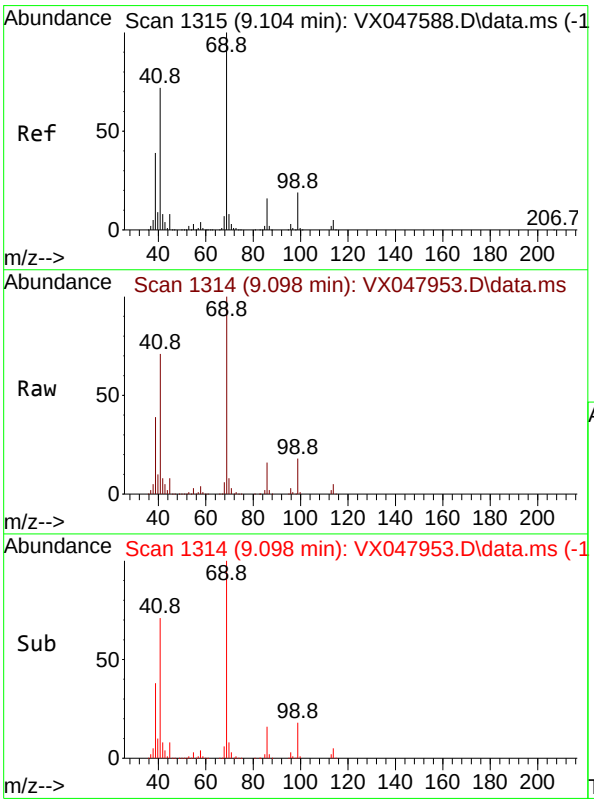
#55
1,1,2-Trichloroethane
Concen: 54.156 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 97722

Ion	Ratio	Lower	Upper
97	100		
83	84.3	69.6	104.4
85	54.7	45.0	67.6
99	63.0	49.6	74.4

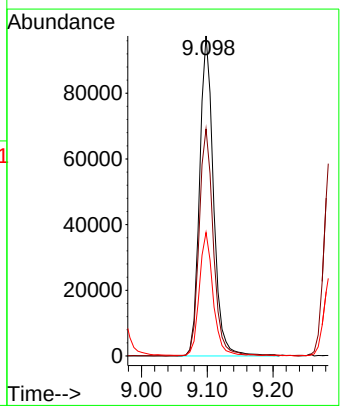


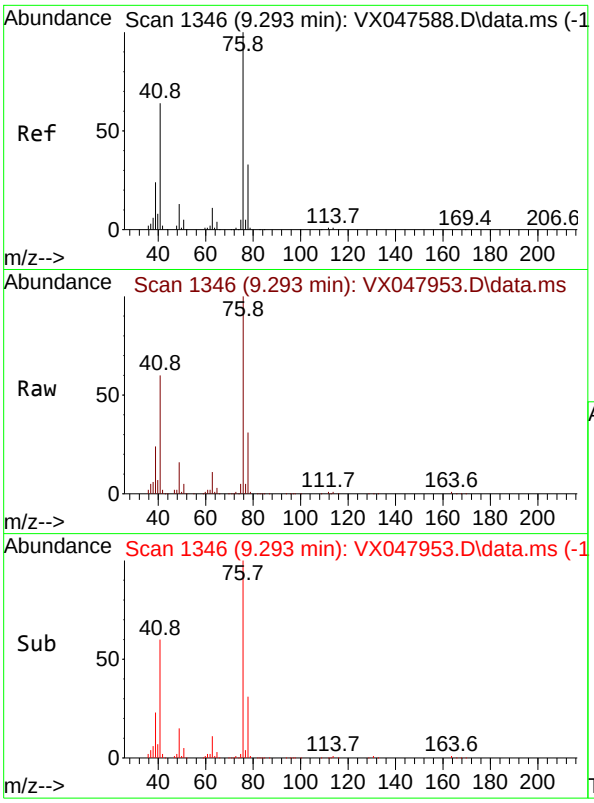


#56
Ethyl methacrylate
Concen: 50.622 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 69 Resp: 143453

Ion	Ratio	Lower	Upper
69	100		
41	72.4	58.6	87.8
39	37.9	31.5	47.3



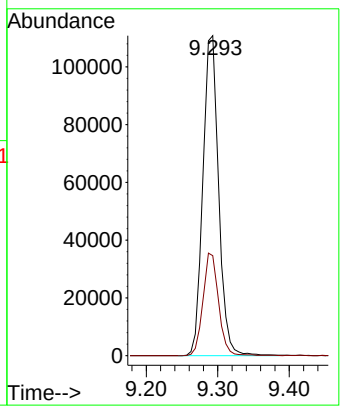


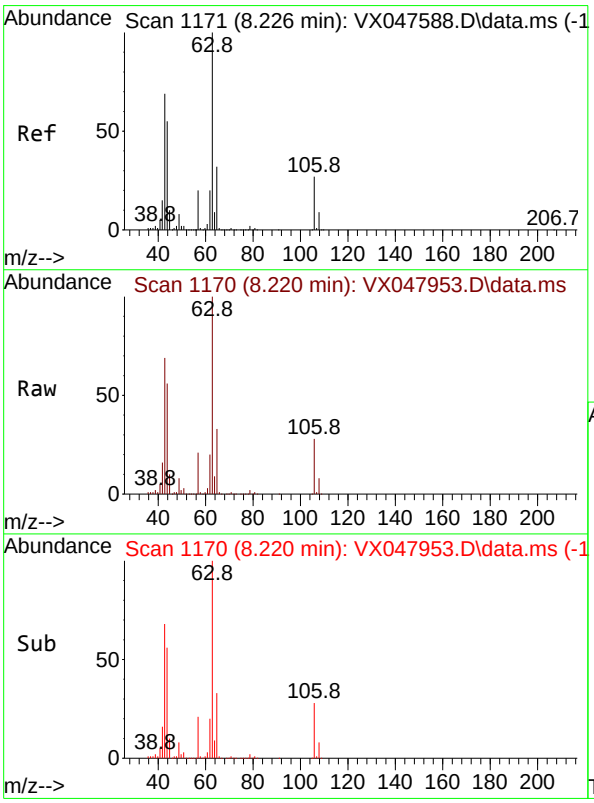
#57
1,3-Dichloropropane
Concen: 54.794 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 169848

Ion	Ratio	Lower	Upper
76	100		
78	31.7	26.2	39.4

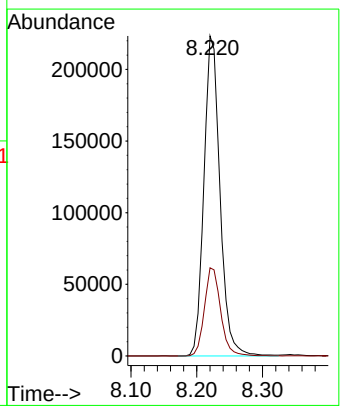


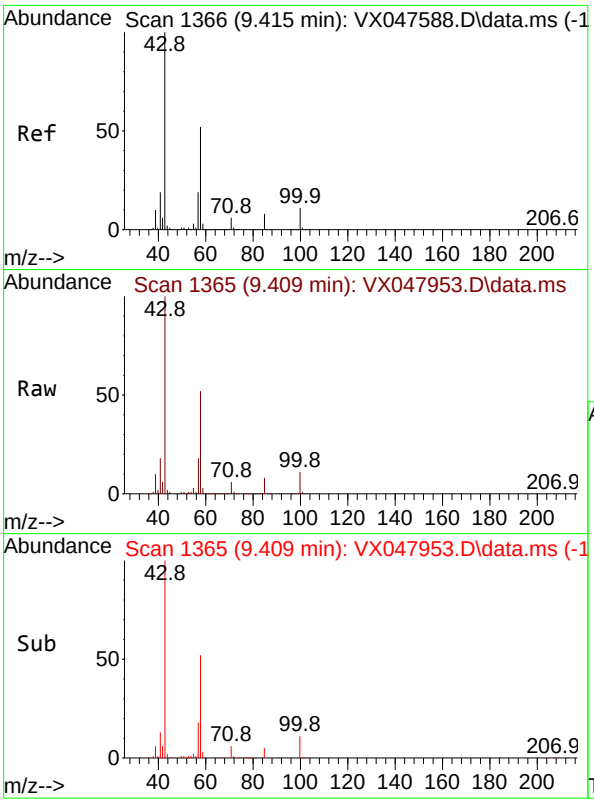


#58
2-Chloroethyl Vinyl ether
Concen: 278.455 ug/l
RT: 8.220 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 63 Resp: 379885

Ion	Ratio	Lower	Upper
63	100		
106	27.8	21.9	32.9



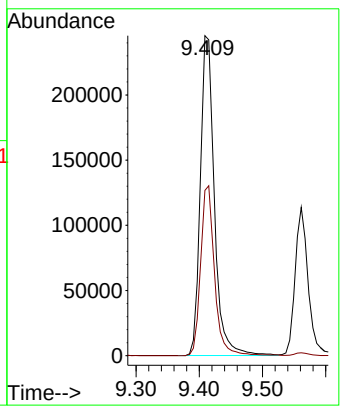


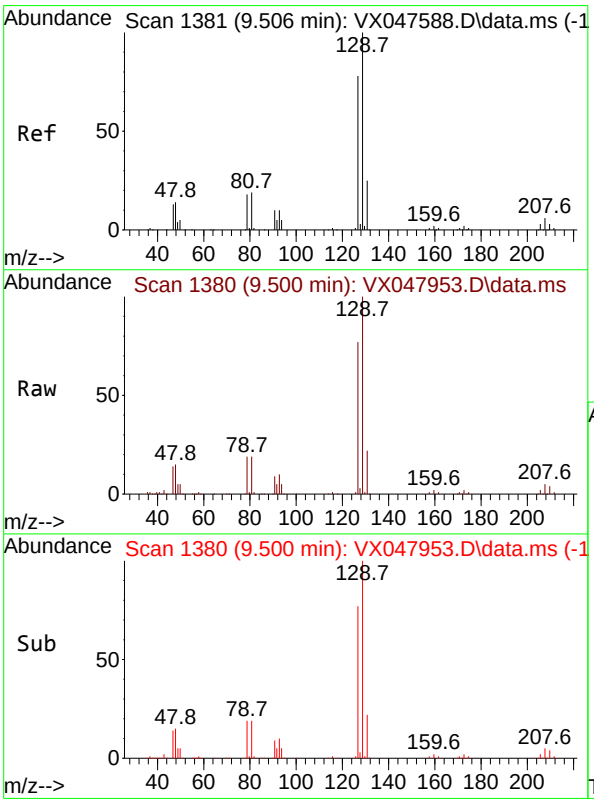
#59
2-Hexanone
Concen: 217.702 ug/l
RT: 9.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 380701

Ion	Ratio	Lower	Upper
43	100		
58	52.7	26.1	78.2

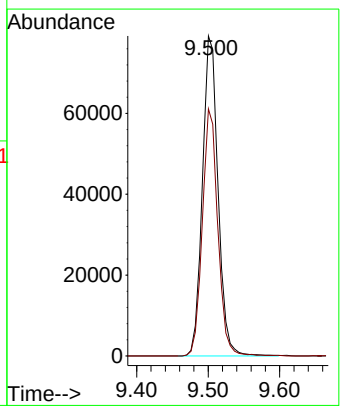


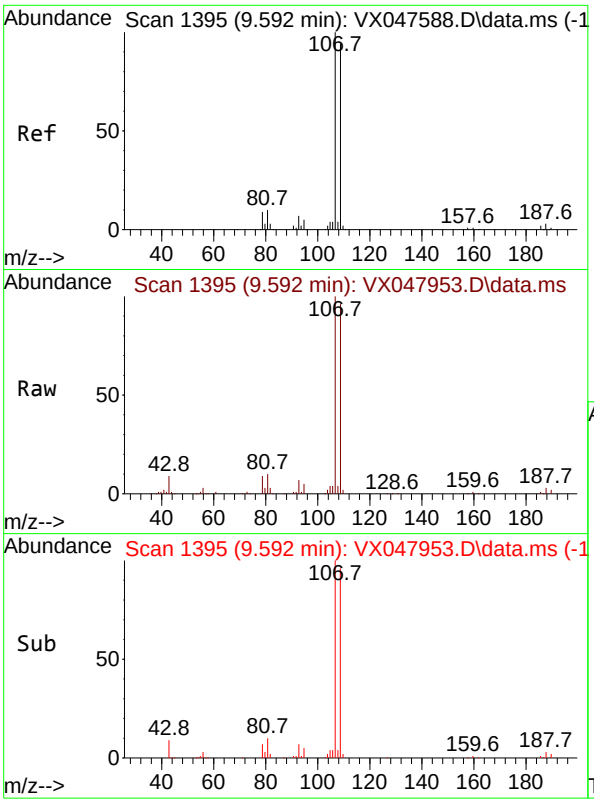


#60
Dibromochloromethane
Concen: 57.824 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:129 Resp: 120224

Ion	Ratio	Lower	Upper
129	100		
127	76.5	38.4	115.2



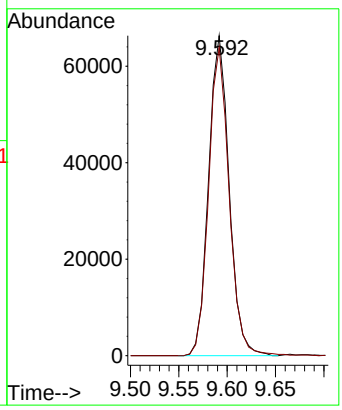


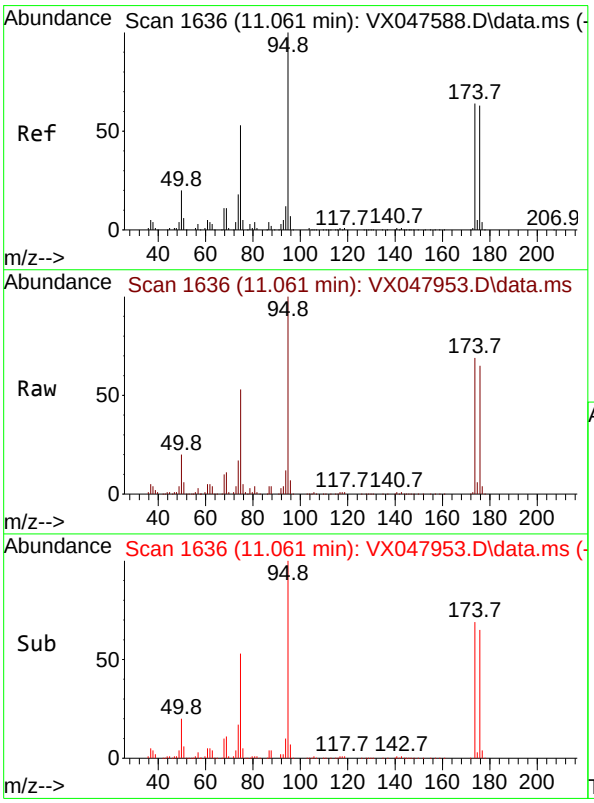
#61
1,2-Dibromoethane
Concen: 53.348 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 98050

Ion	Ratio	Lower	Upper
107	100		
109	96.4	75.3	112.9

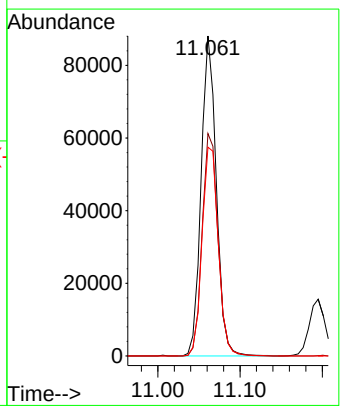


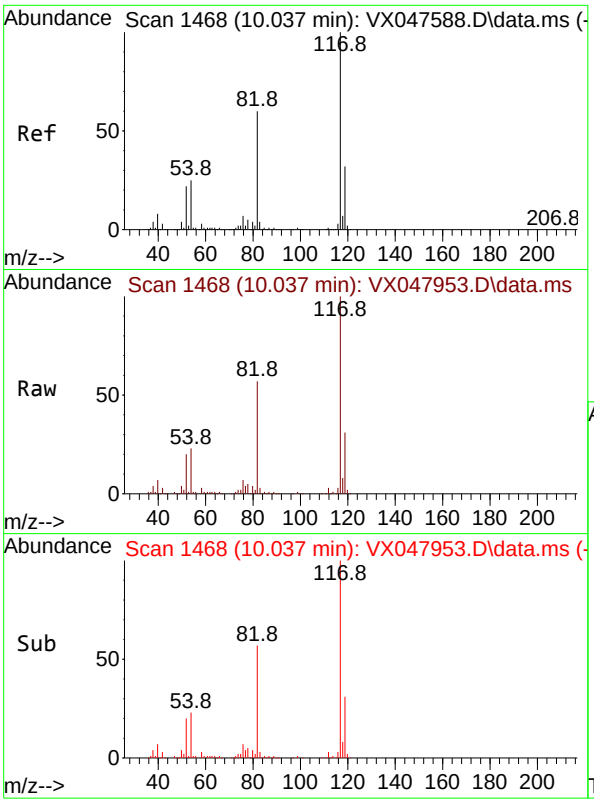


#62
4-Bromofluorobenzene
Concen: 50.274 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 95 Resp: 112989

Ion	Ratio	Lower	Upper
95	100		
174	72.2	0.0	141.6
176	69.9	0.0	138.4



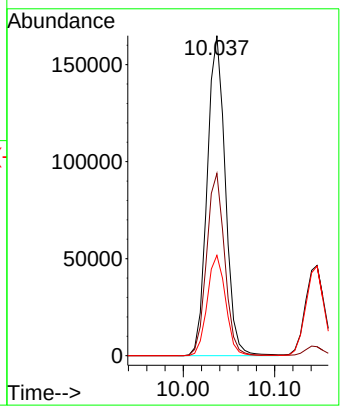


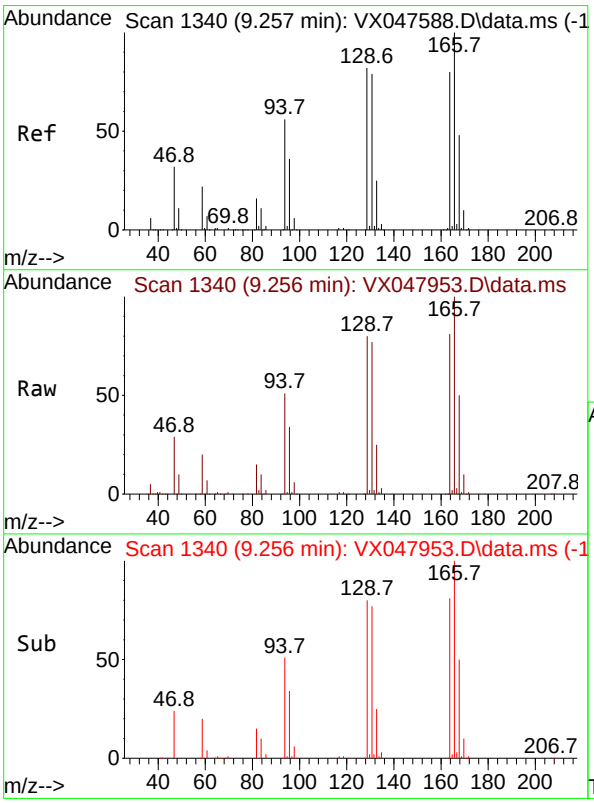
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 226757

Ion	Ratio	Lower	Upper
117	100		
82	57.0	47.8	71.6
119	31.3	25.2	37.8

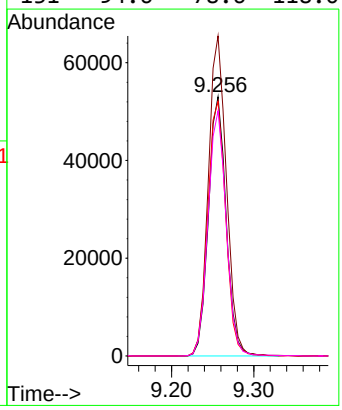


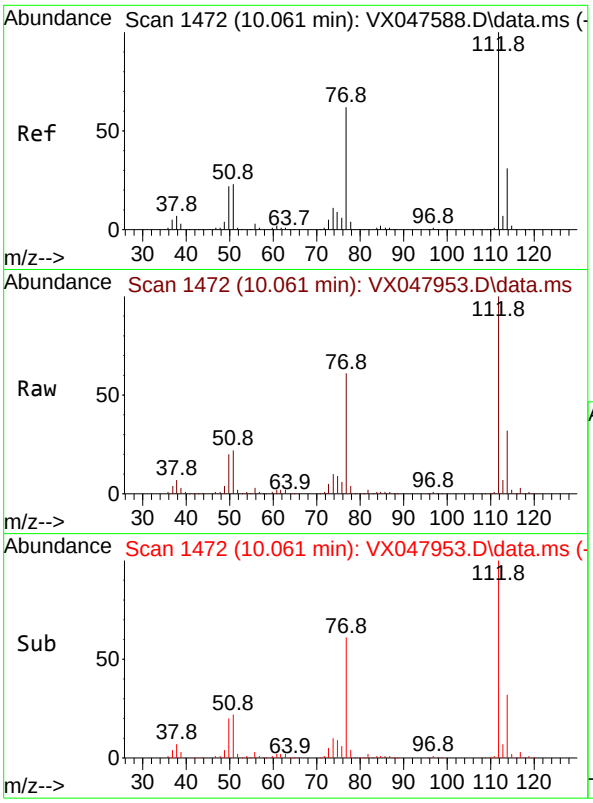


#64
Tetrachloroethene
Concen: 53.794 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:164 Resp: 79519

Ion	Ratio	Lower	Upper
164	100		
166	123.5	100.2	150.2
129	98.2	81.8	122.6
131	94.6	78.6	118.0



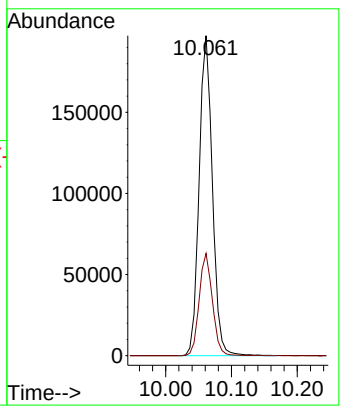


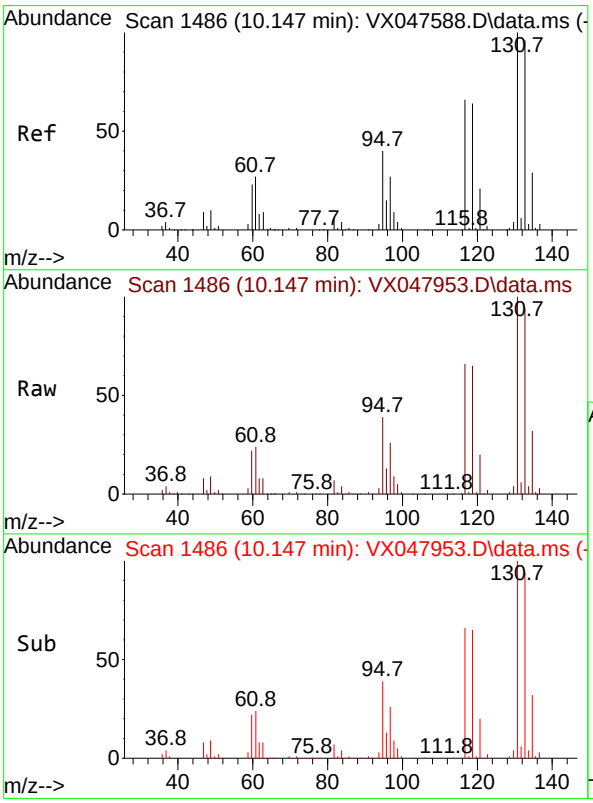
#65
Chlorobenzene
Concen: 53.662 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 276438

Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.1	37.7

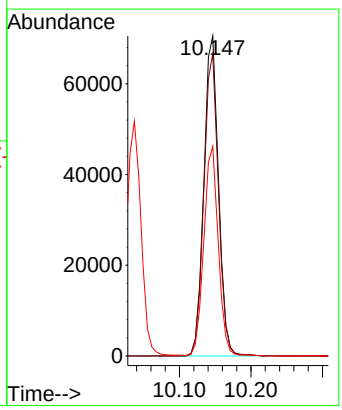


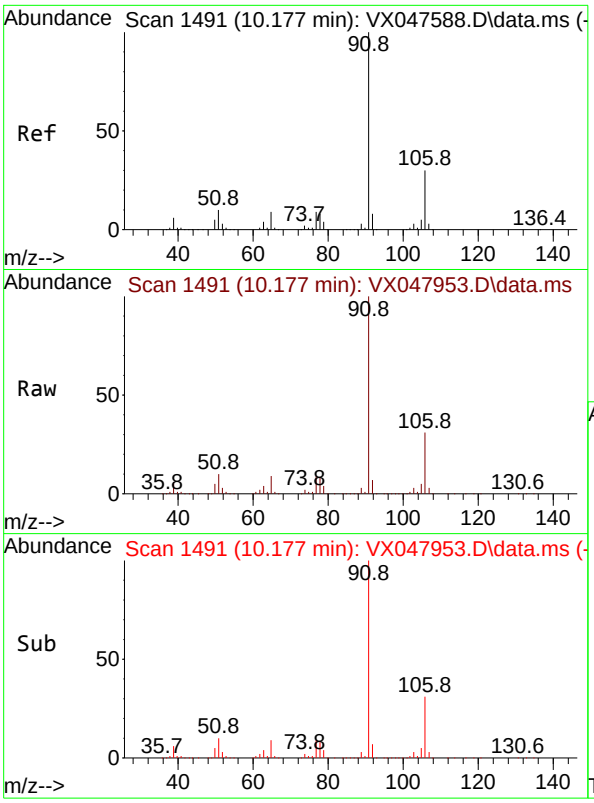


#66
1,1,1,2-Tetrachloroethane
Concen: 56.517 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:131 Resp: 100467

Ion	Ratio	Lower	Upper
131	100		
133	94.2	47.3	142.0
119	64.9	32.0	96.0



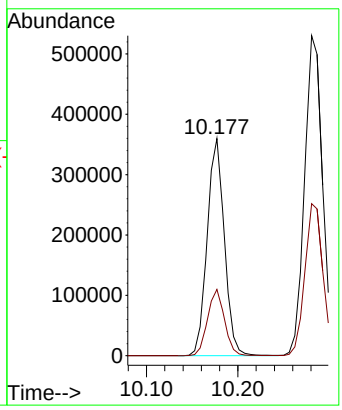


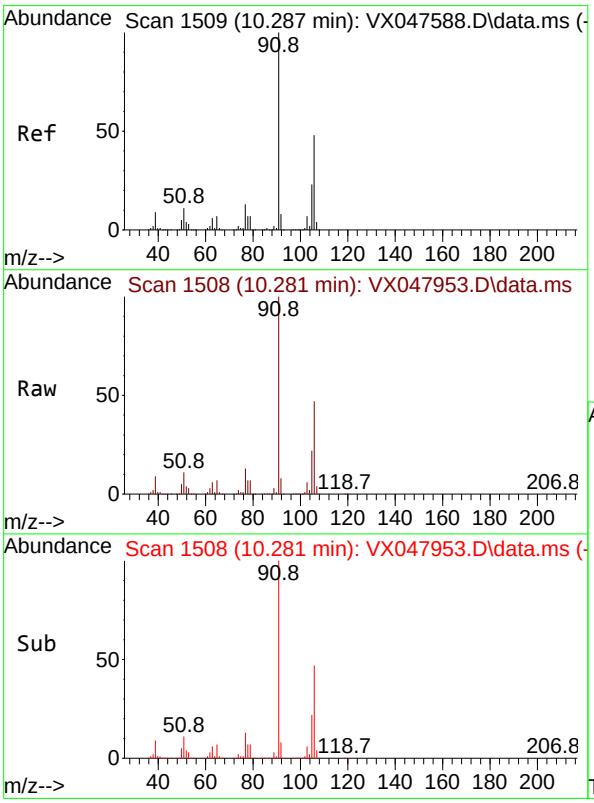
#67
Ethyl Benzene
Concen: 52.719 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 468591

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.3	36.5

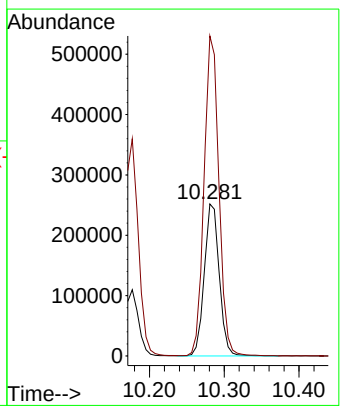


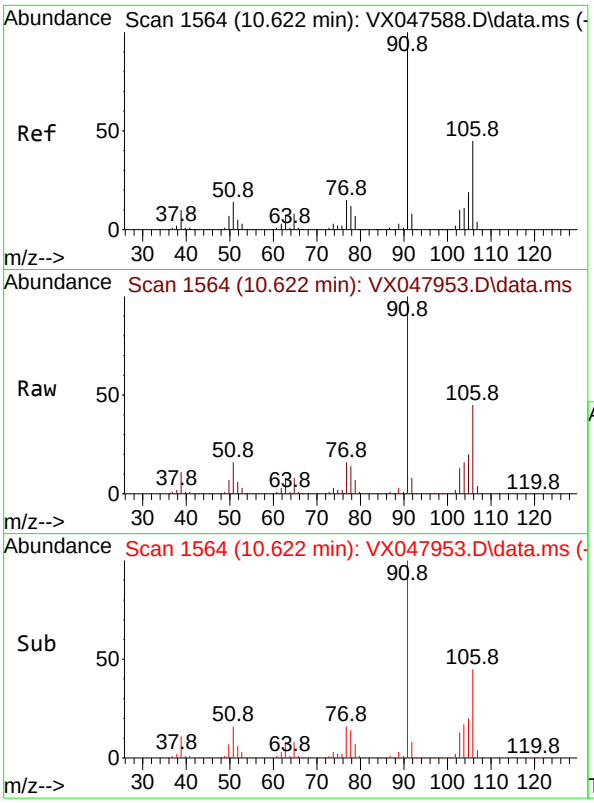


#68
m/p-Xylenes
Concen: 105.651 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:106 Resp: 349533

Ion	Ratio	Lower	Upper
106	100		
91	209.1	167.8	251.8



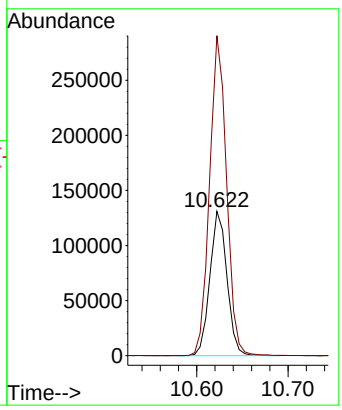


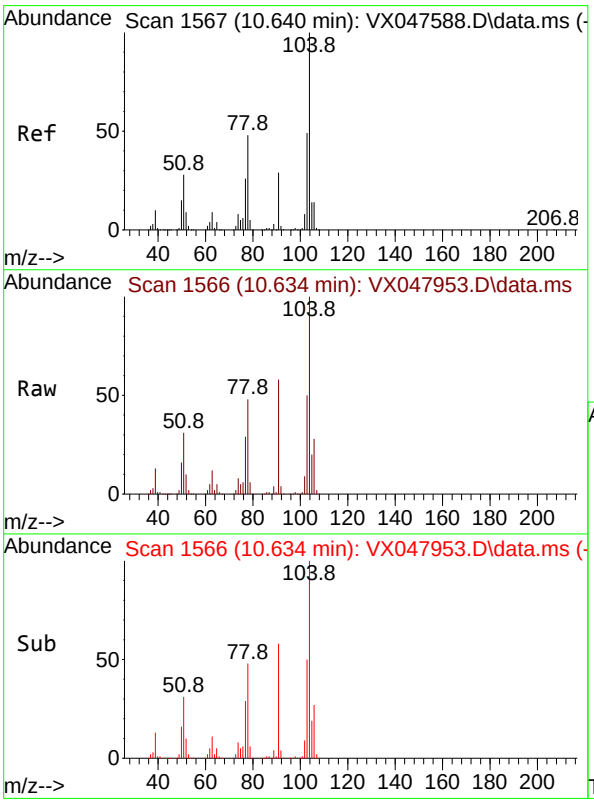
#69
o-Xylene
Concen: 53.115 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 169967

Ion	Ratio	Lower	Upper
106	100		
91	220.0	111.1	333.4

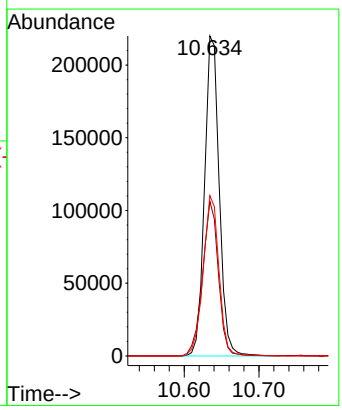


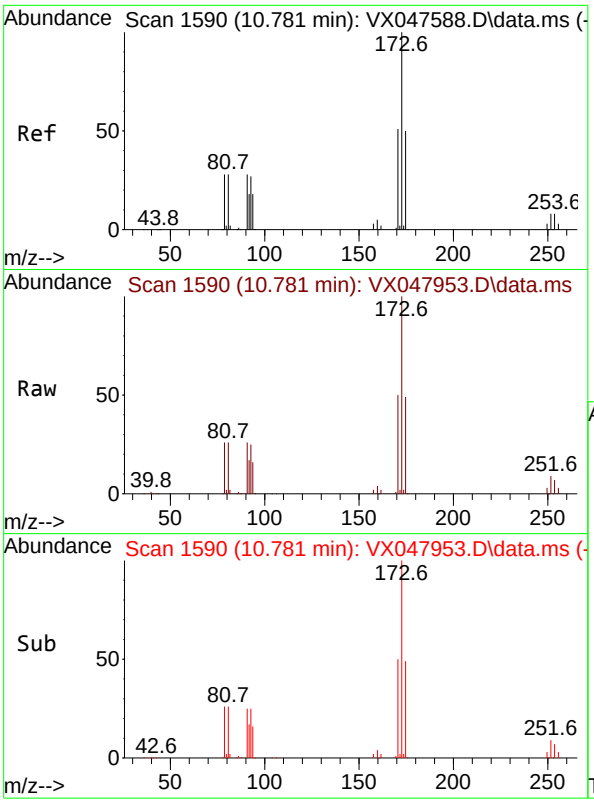


#70
Styrene
Concen: 53.486 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:104 Resp: 299893

Ion	Ratio	Lower	Upper
104	100		
78	52.2	43.1	64.7
103	54.0	43.1	64.7



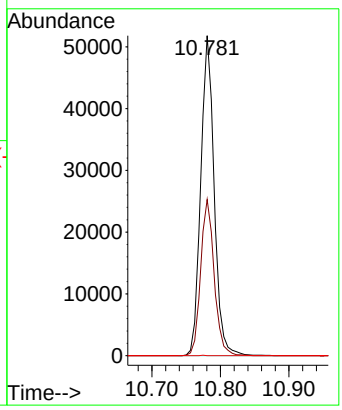


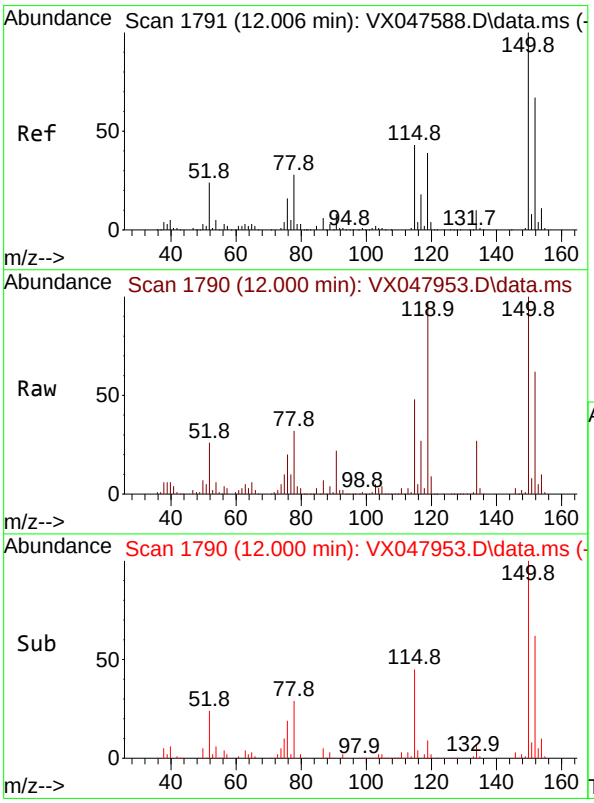
#71
Bromoform
Concen: 53.345 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 70807

Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.9	74.6
254	0.0	0.1	0.1#

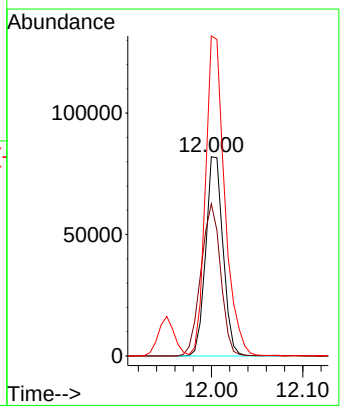


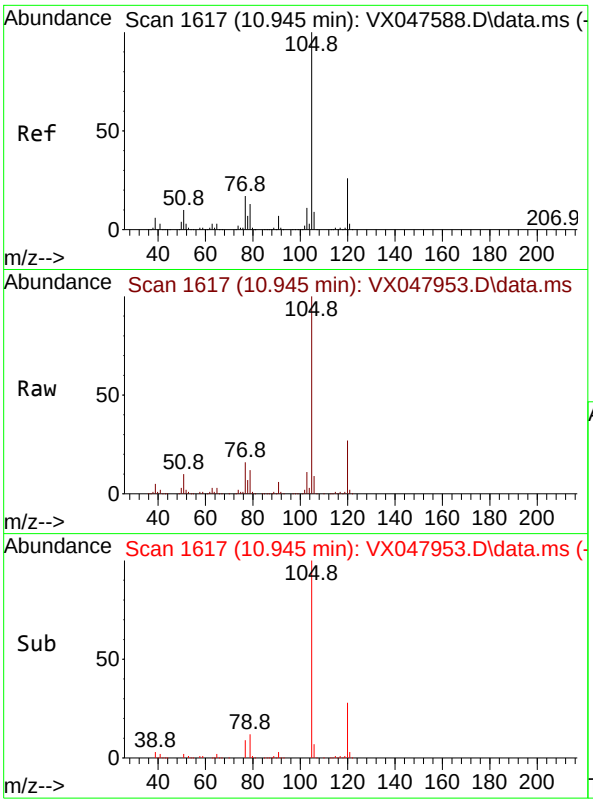


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:152 Resp: 107762

Ion	Ratio	Lower	Upper
152	100		
115	86.8	44.9	134.5
150	177.2	0.0	352.0



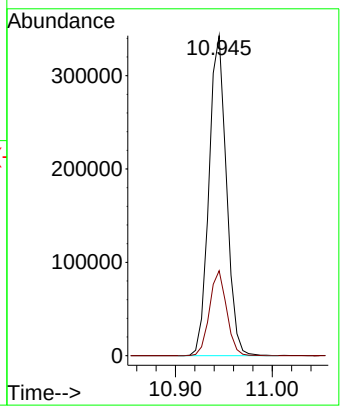


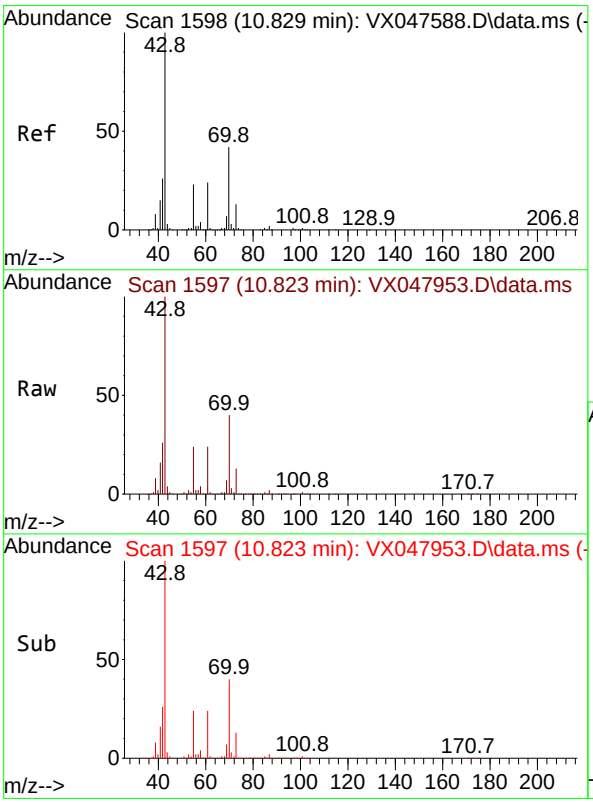
#73
Isopropylbenzene
Concen: 52.569 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 430684

Ion	Ratio	Lower	Upper
105	100		
120	26.0	12.8	38.4

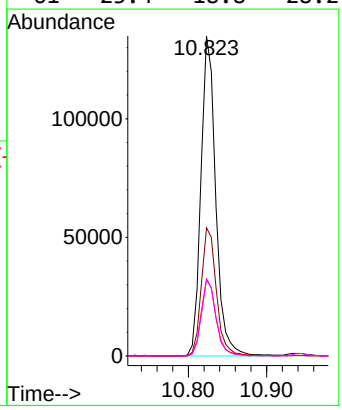


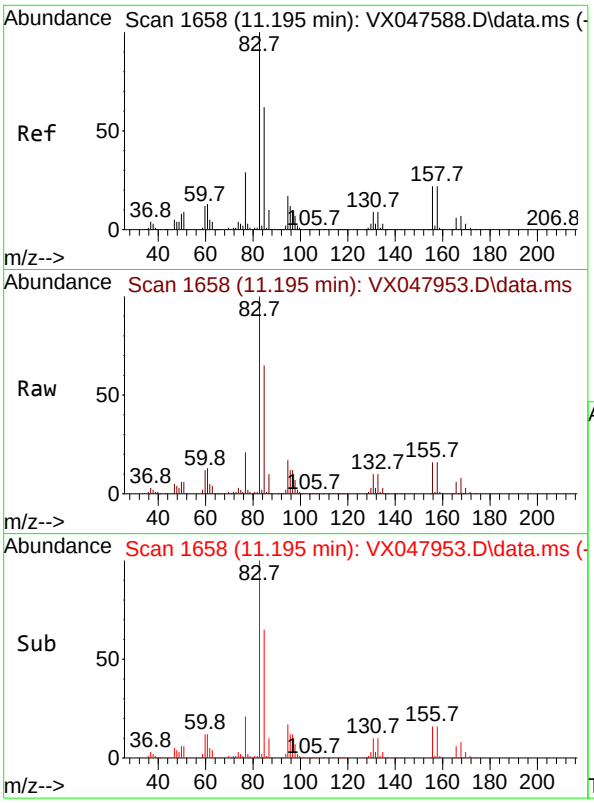


#74
N-amyl acetate
Concen: 47.430 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 43 Resp: 177201

Ion	Ratio	Lower	Upper
43	100		
70	40.9	32.0	48.0
55	24.3	18.9	28.3
61	23.4	18.8	28.2



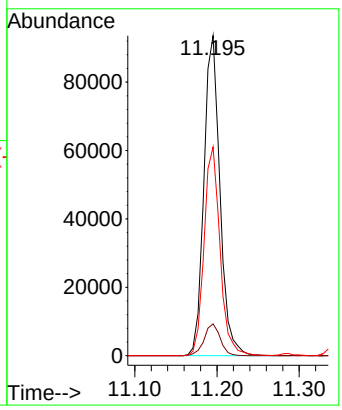


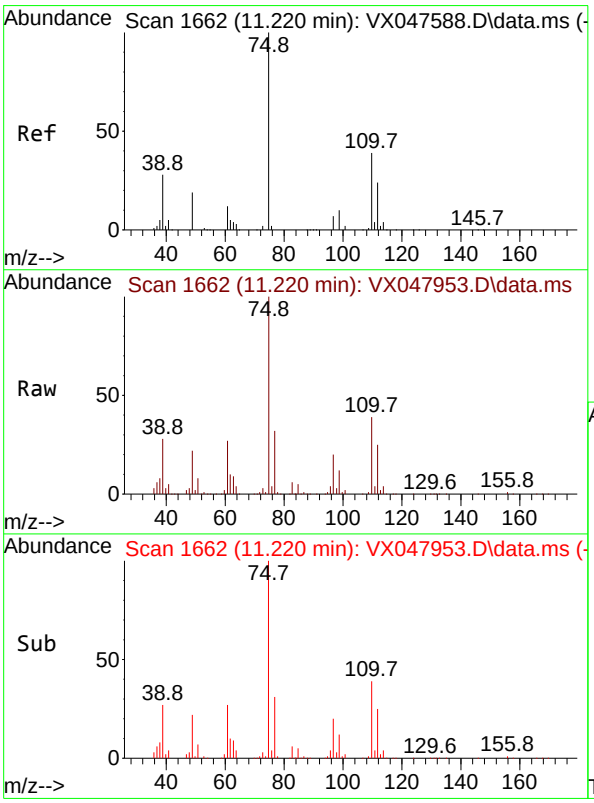
#75
1,1,2,2-Tetrachloroethane
Concen: 51.074 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 126599

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	14.9
85	65.0	31.6	95.0

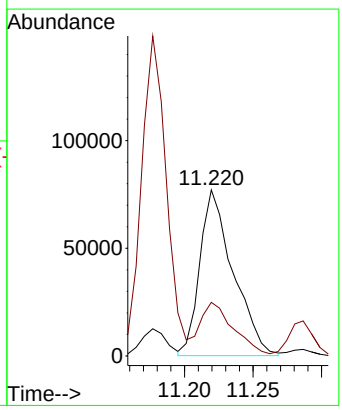


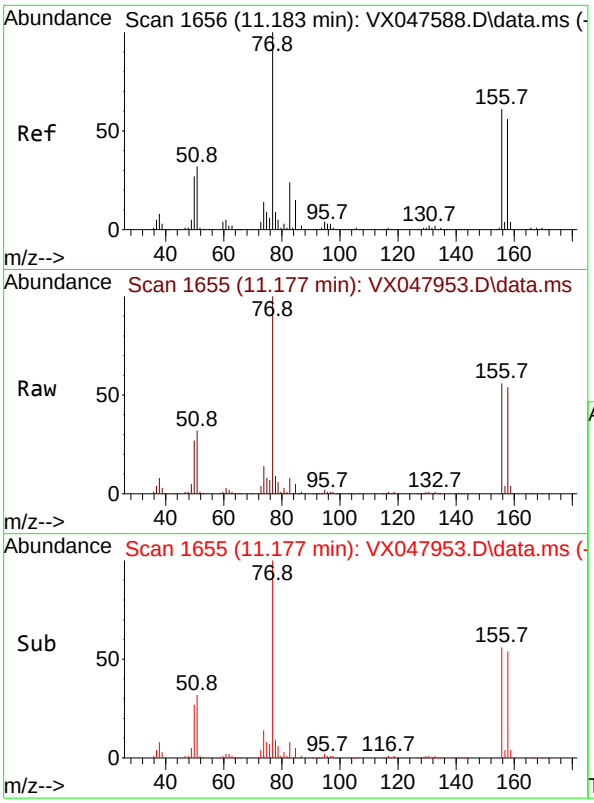


#76
1,2,3-Trichloropropane
Concen: 59.825 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 75 Resp: 130529

Ion	Ratio	Lower	Upper
75	100		
77	33.0	18.8	56.4



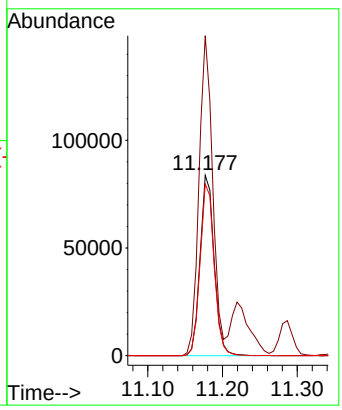


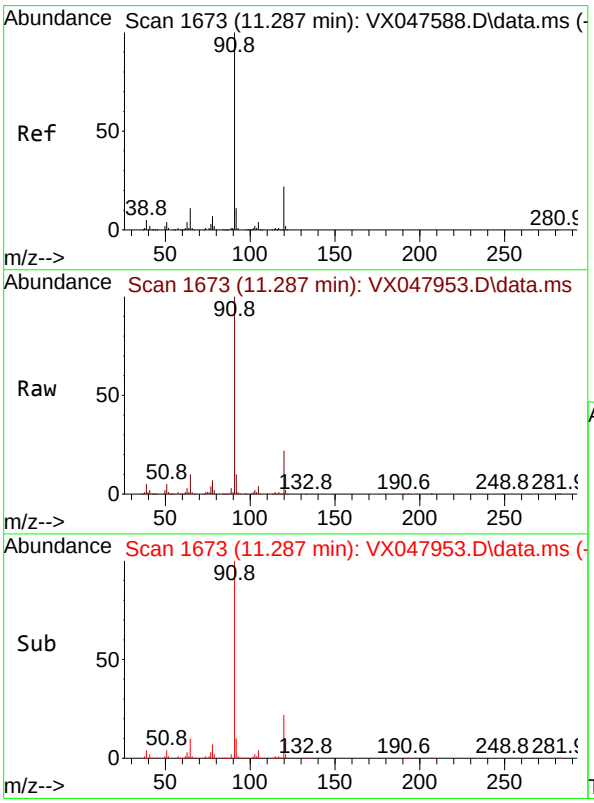
#77
Bromobenzene
Concen: 54.392 ug/l
RT: 11.177 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 109754

Ion	Ratio	Lower	Upper
156	100		
77	171.1	89.7	269.1
158	95.0	47.9	143.6

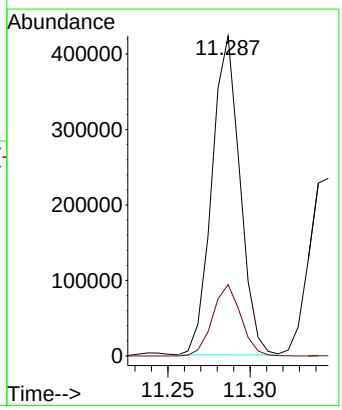


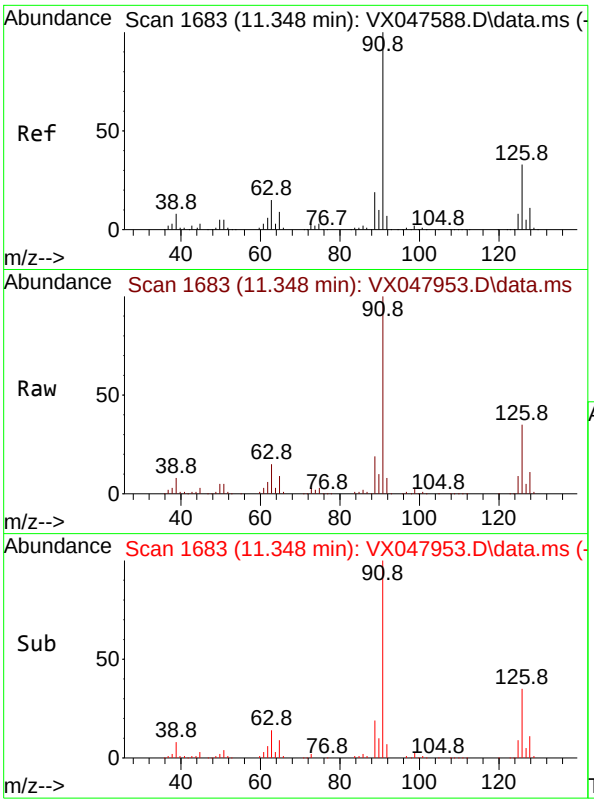


#78
n-propylbenzene
Concen: 51.816 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 91 Resp: 501836

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.1	33.1



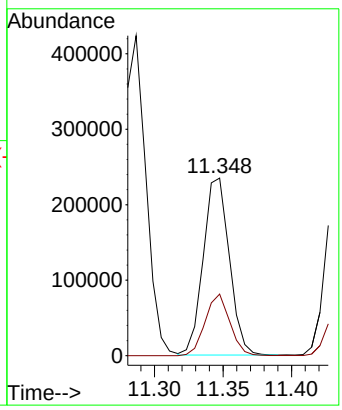


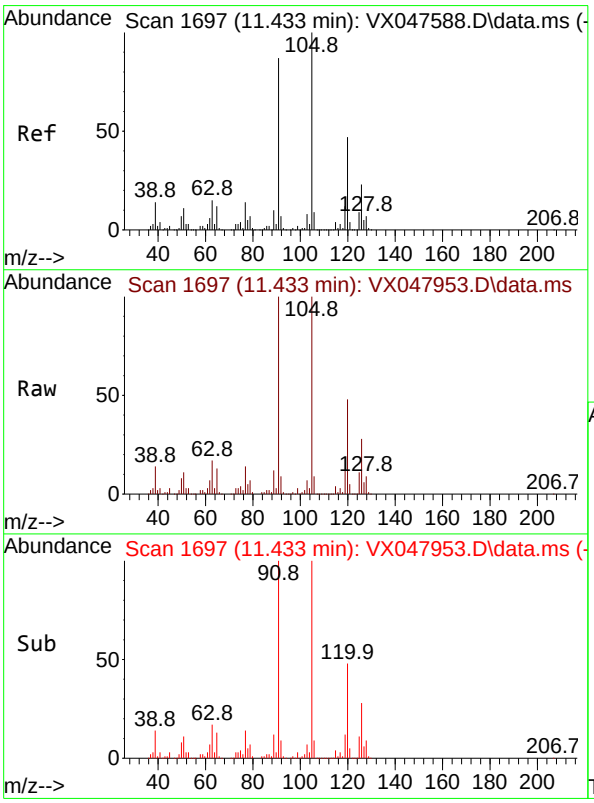
#79
2-Chlorotoluene
Concen: 52.454 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 311143

Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.1	48.3

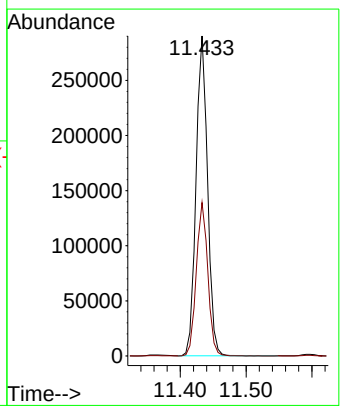


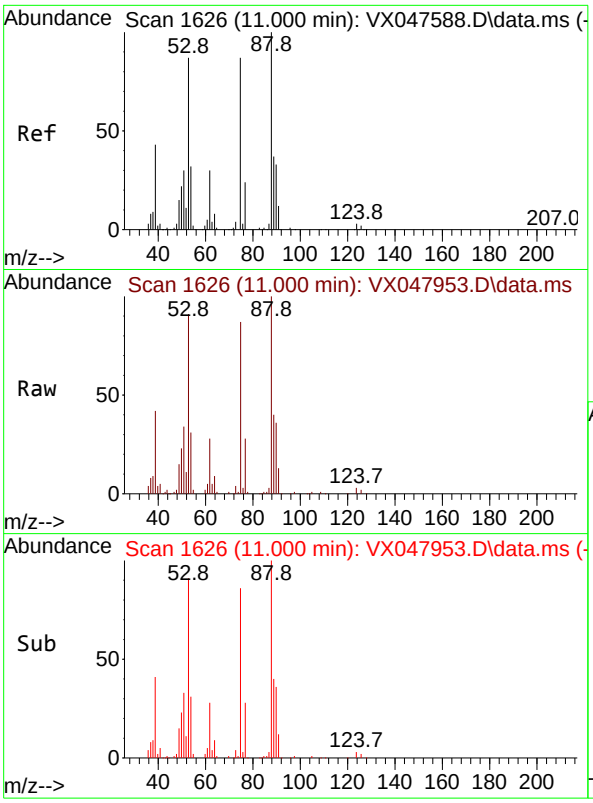


#80
1,3,5-Trimethylbenzene
Concen: 52.286 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:105 Resp: 351942

Ion	Ratio	Lower	Upper
105	100		
120	48.1	23.6	70.8



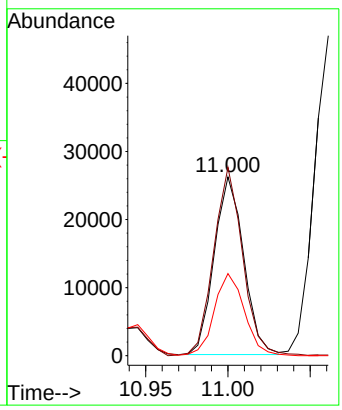


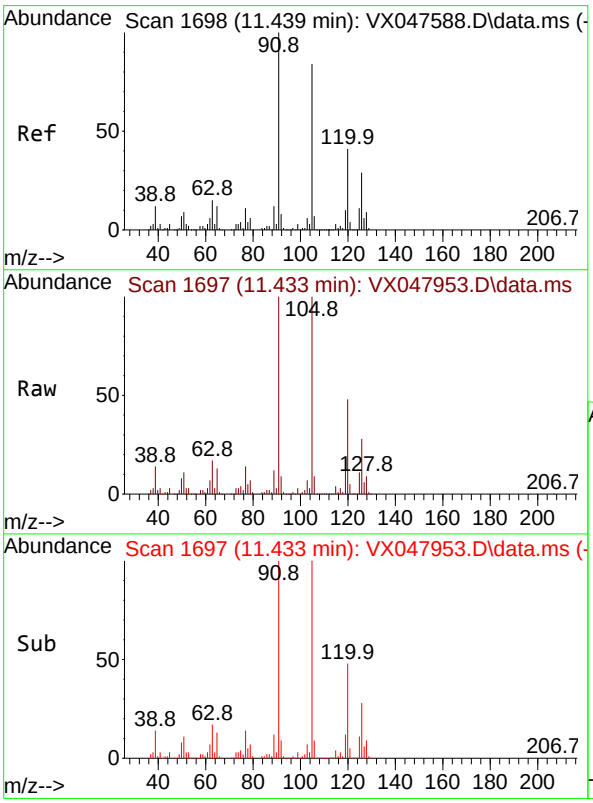
#81
trans-1,4-Dichloro-2-butene
Concen: 37.937 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 32458

Ion	Ratio	Lower	Upper
75	100		
53	104.9	83.4	125.2
89	47.4	36.3	54.5

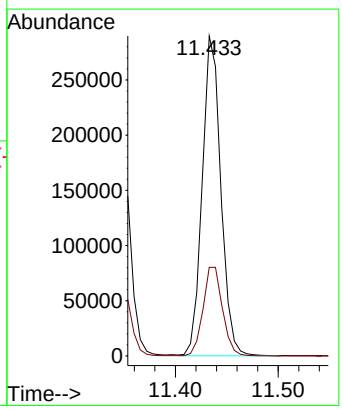


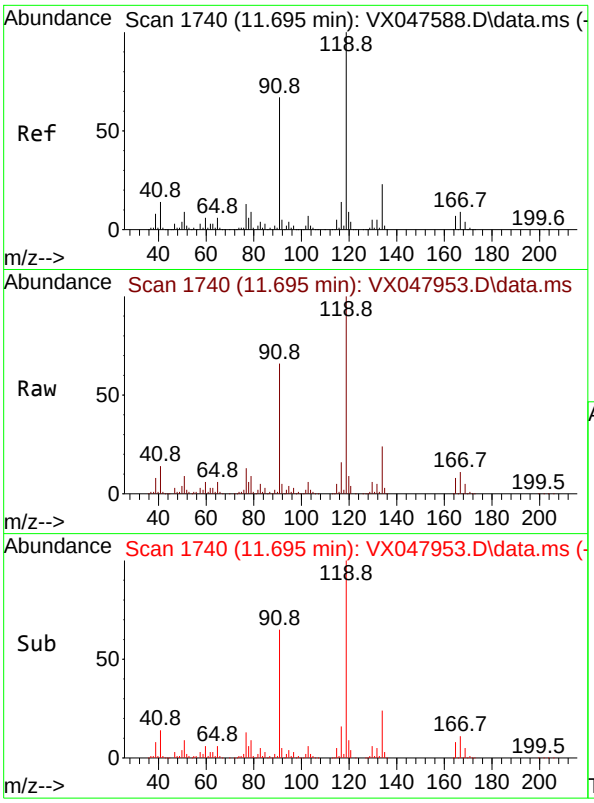


#82
4-Chlorotoluene
Concen: 52.094 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 91 Resp: 364954

Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.2	42.6



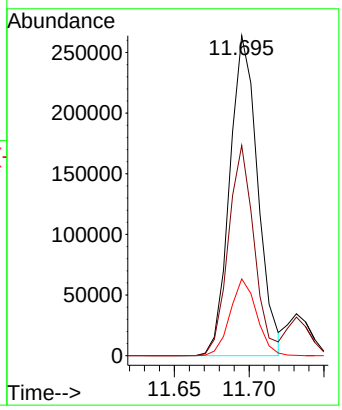


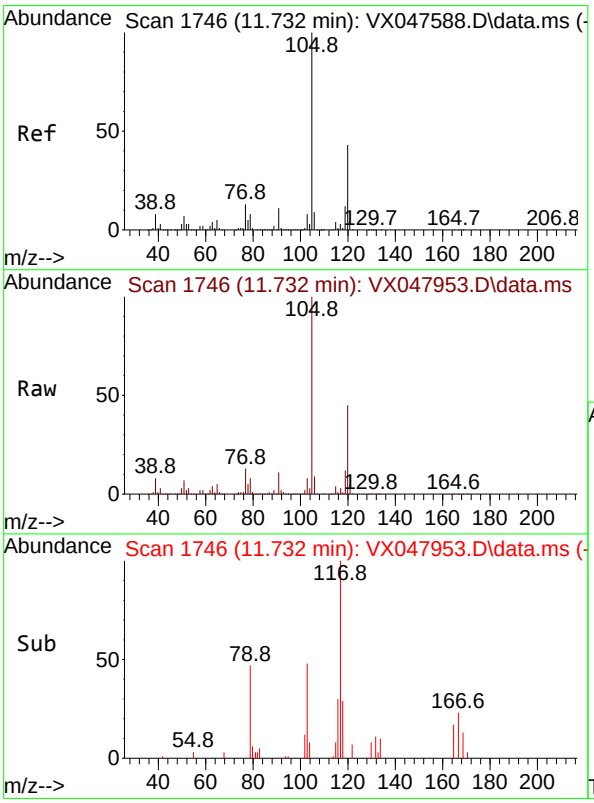
#83
tert-Butylbenzene
Concen: 49.895 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 343802

Ion	Ratio	Lower	Upper
119	100		
91	60.7	29.6	88.8
134	22.7	11.0	33.0

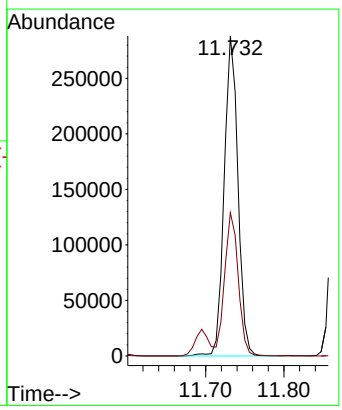


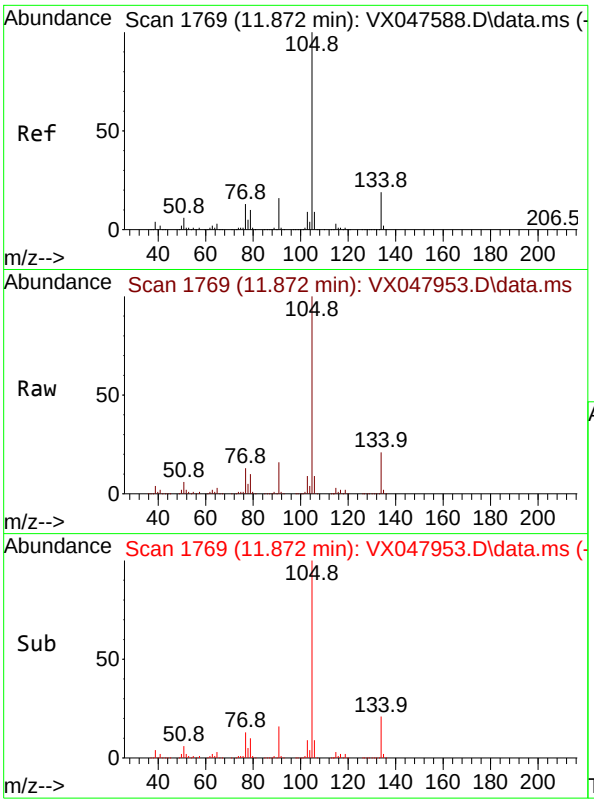


#84
1,2,4-Trimethylbenzene
Concen: 51.715 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:105 Resp: 352913

Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.1	66.1



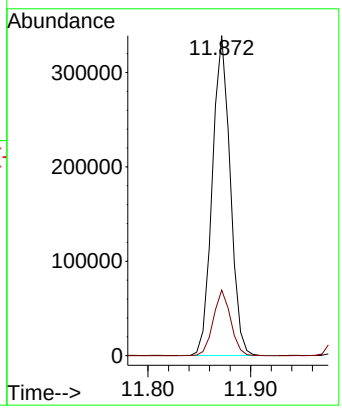


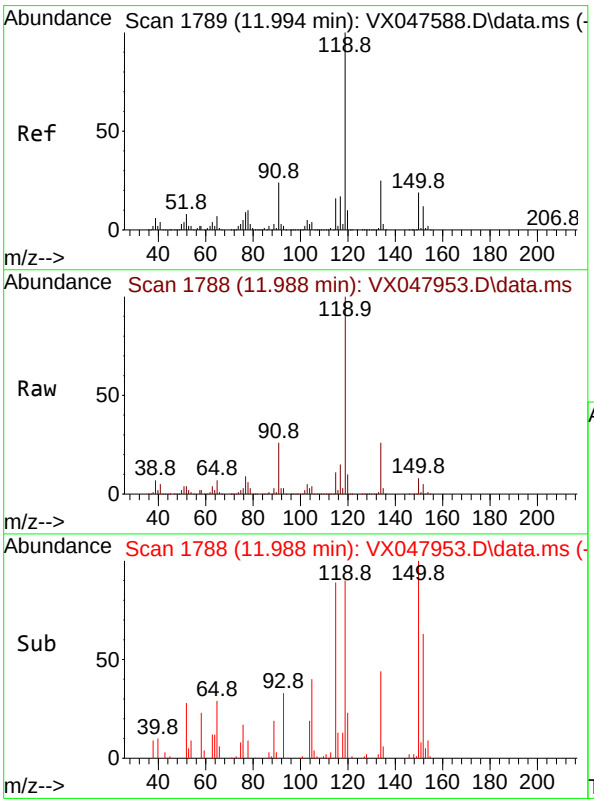
#85
sec-Butylbenzene
Concen: 49.888 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 408309

Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.8	29.5

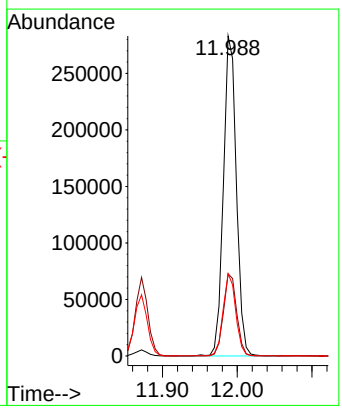


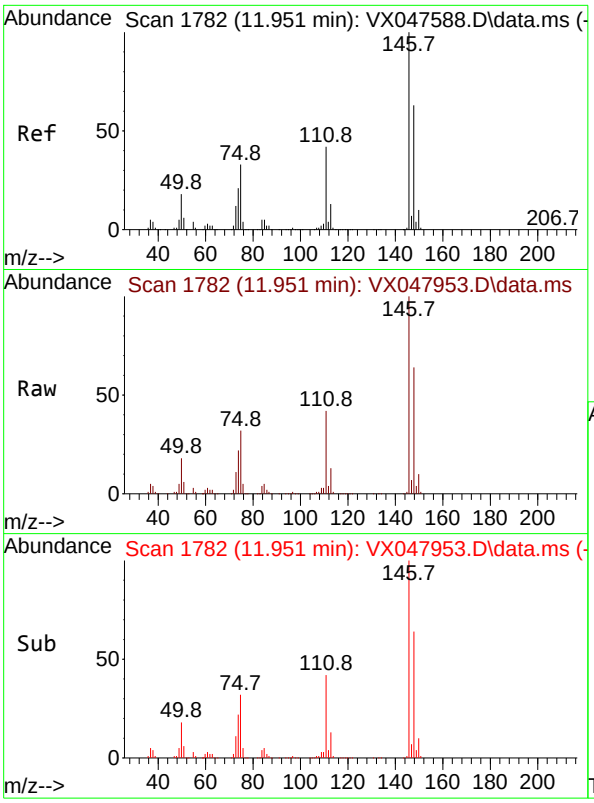


#86
p-Isopropyltoluene
Concen: 49.149 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.006 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:119 Resp: 340551

Ion	Ratio	Lower	Upper
119	100		
134	26.1	12.6	37.8
91	25.1	12.6	37.6



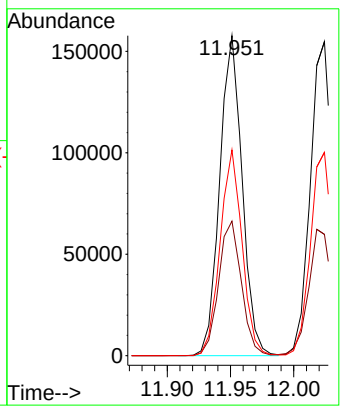


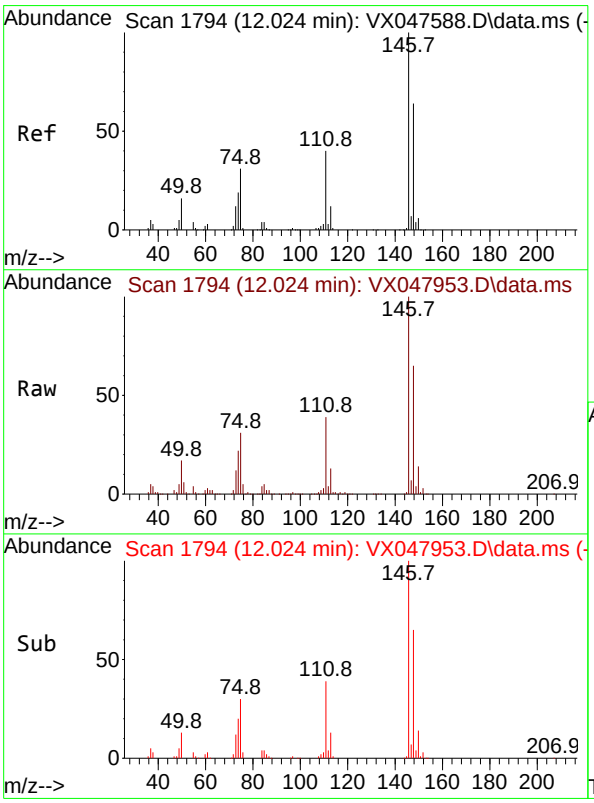
#87
1,3-Dichlorobenzene
Concen: 51.850 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 194331

Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.5	64.5
148	63.0	32.0	96.0

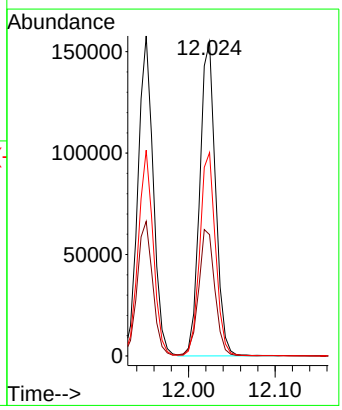


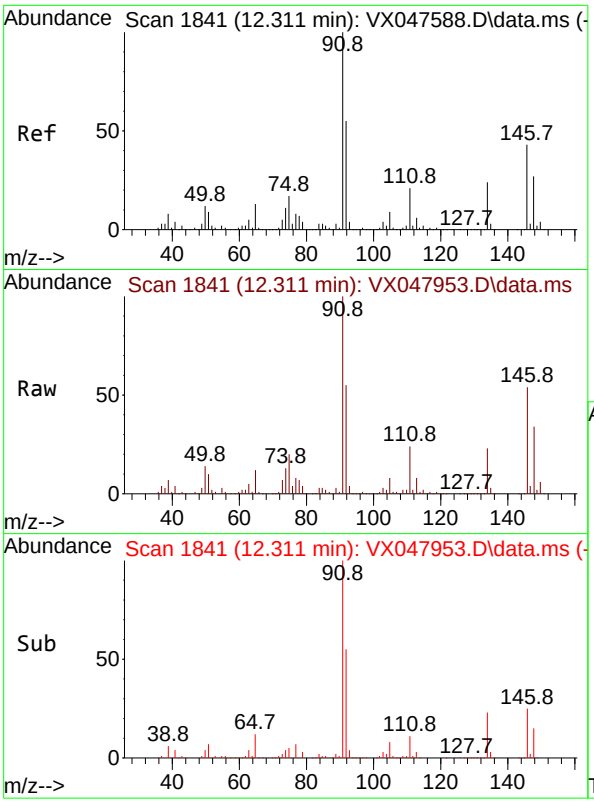


#88
1,4-Dichlorobenzene
Concen: 50.959 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:146 Resp: 196020

Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.8	62.4
148	64.7	31.7	95.1



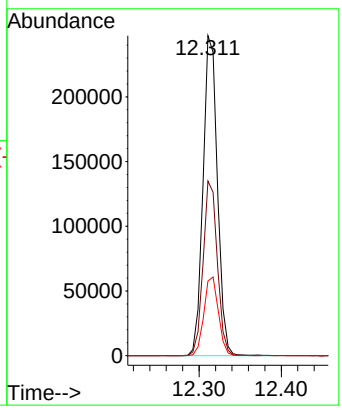


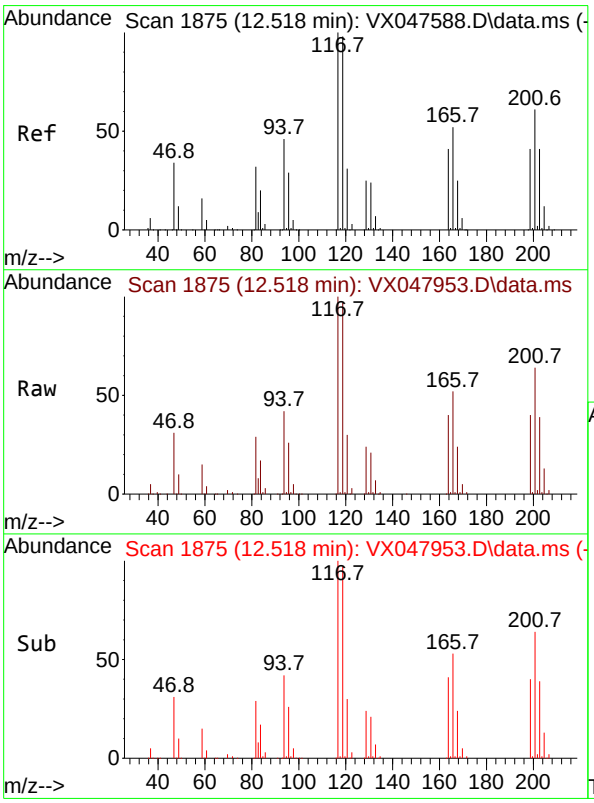
#89
n-Butylbenzene
Concen: 46.931 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 300893

Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.6	82.7
134	24.8	12.6	37.8

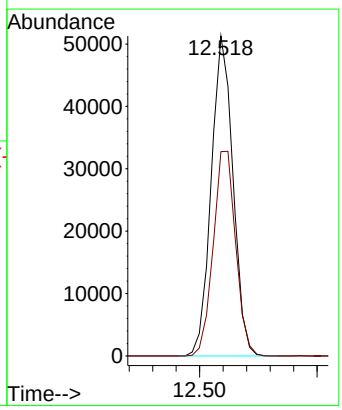


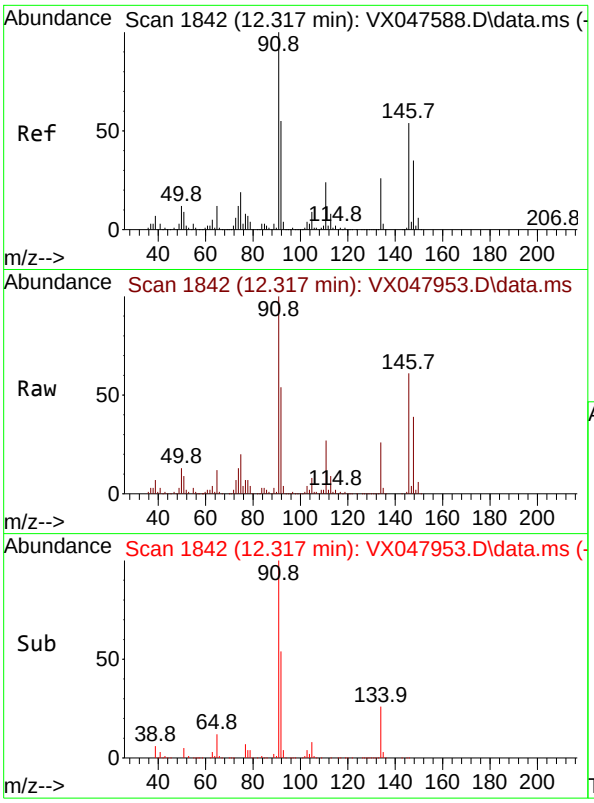


#90
Hexachloroethane
Concen: 54.176 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:117 Resp: 65906

Ion	Ratio	Lower	Upper
117	100		
201	66.4	34.2	102.5



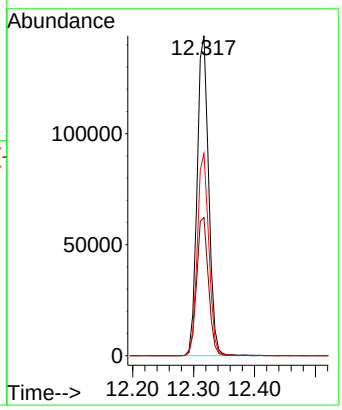


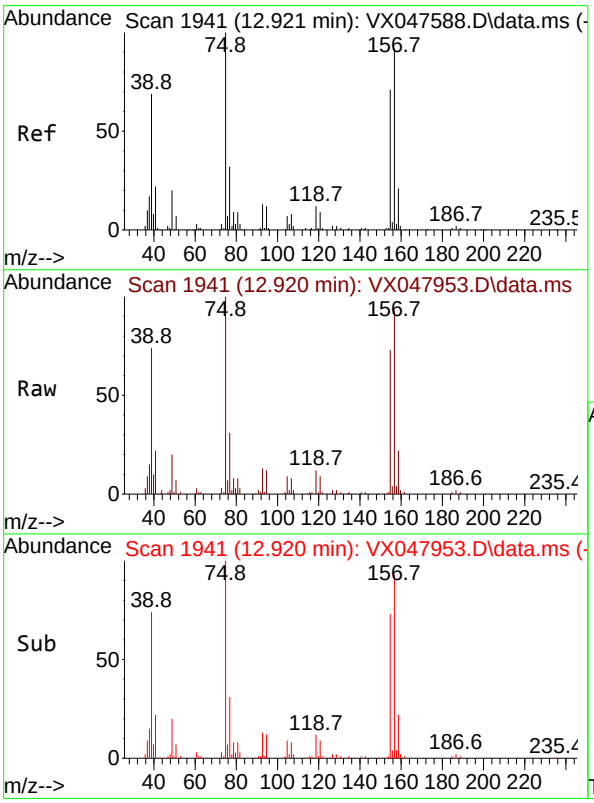
#91
1,2-Dichlorobenzene
Concen: 53.032 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 189358

Ion	Ratio	Lower	Upper
146	100		
111	43.9	22.2	66.6
148	63.2	31.8	95.4

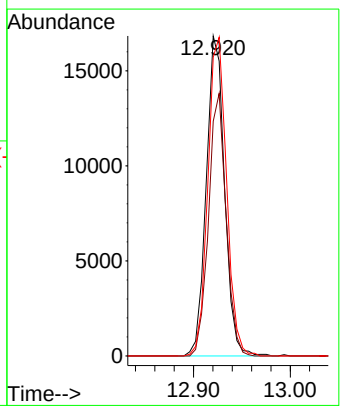


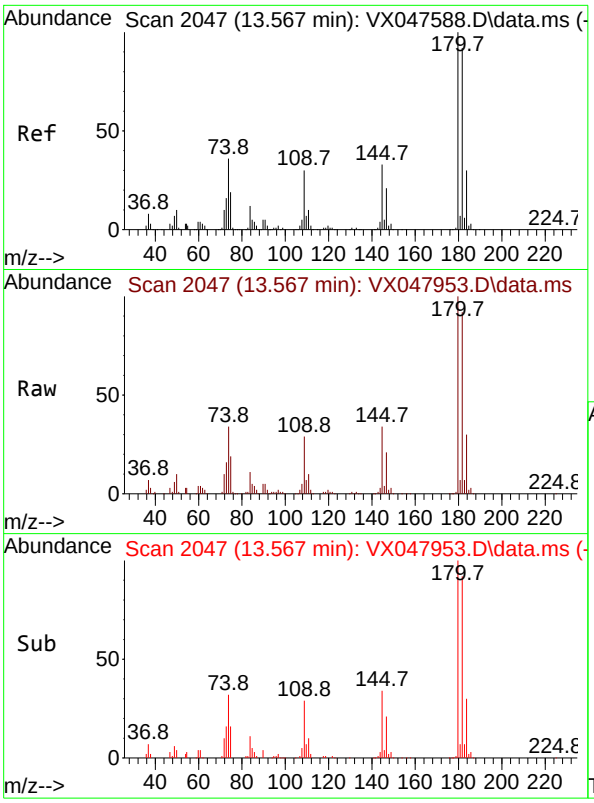


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.095 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion: 75 Resp: 22129

Ion	Ratio	Lower	Upper
75	100		
155	78.9	37.7	113.1
157	101.9	49.8	149.4



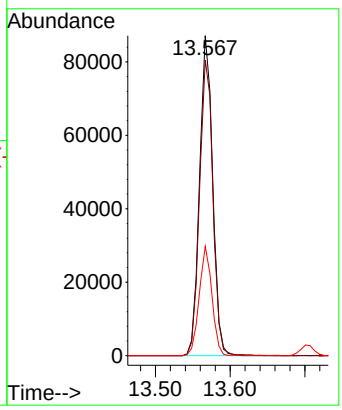


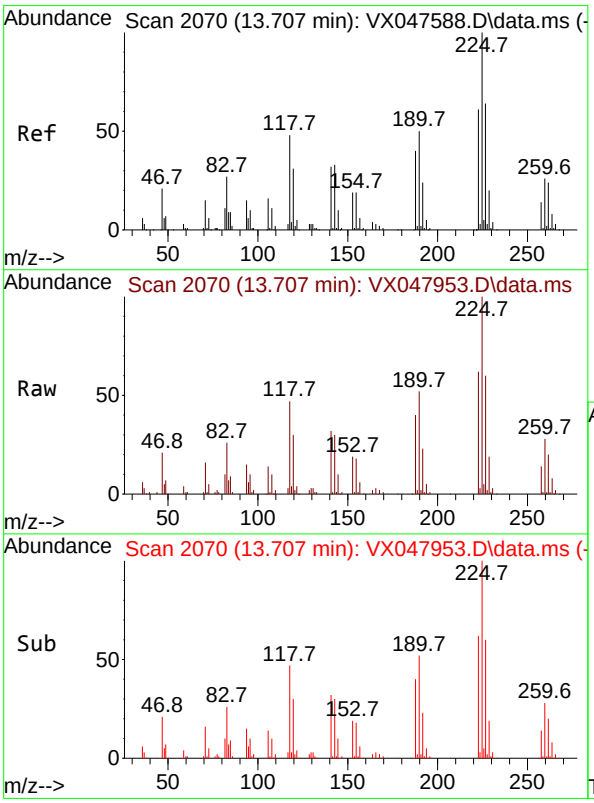
#93
1,2,4-Trichlorobenzene
Concen: 45.789 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 106258

Ion	Ratio	Lower	Upper
180	100		
182	93.9	46.6	139.8
145	33.2	16.4	49.1

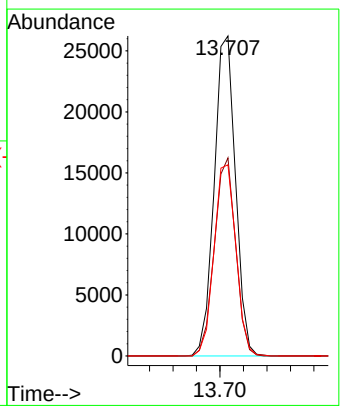


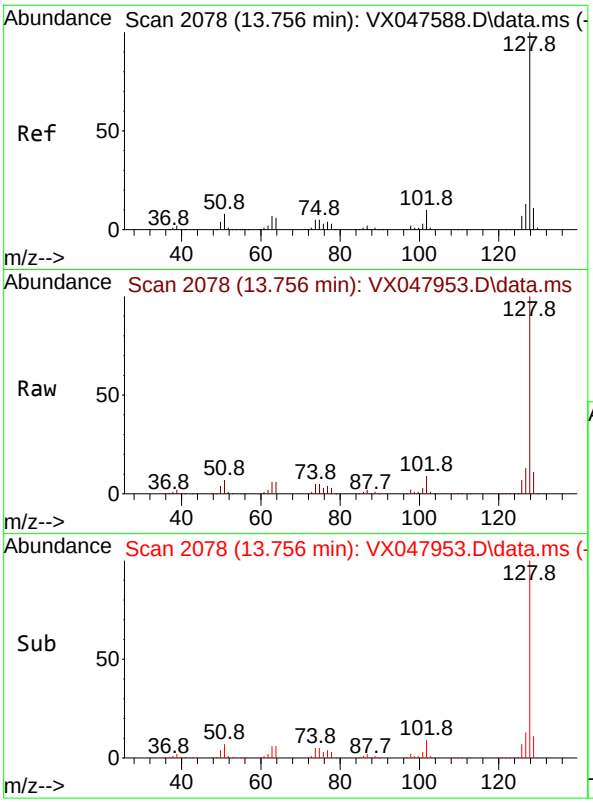


#94
Hexachlorobutadiene
Concen: 41.953 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:225 Resp: 33069

Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.7	95.1
227	61.5	32.0	96.0



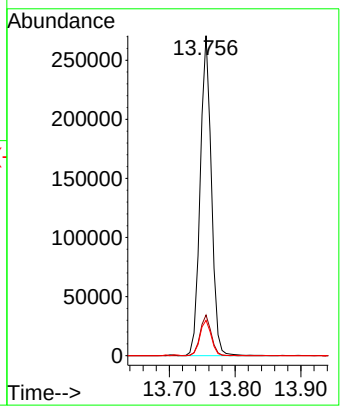


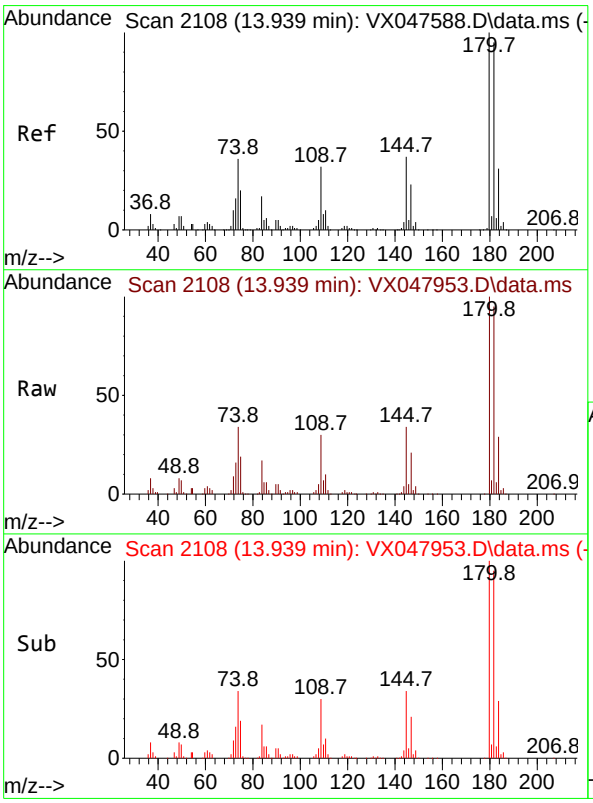
#95
Naphthalene
Concen: 45.266 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 319867

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	11.2	8.8	13.2

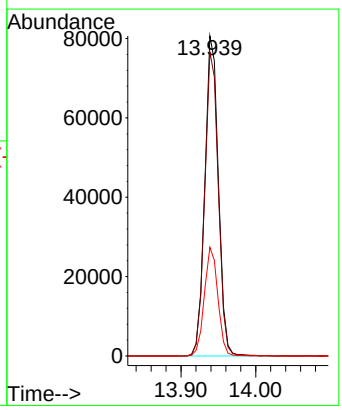




#96
1,2,3-Trichlorobenzene
Concen: 47.036 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047953.D
Acq: 02 Oct 2025 08:50

Tgt Ion:180 Resp: 101535

Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.6	142.8
145	33.9	17.9	53.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047956.D
Acq On : 02 Oct 2025 11:04
Operator : JC/MD
Sample : VX1002WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Quant Time: Oct 03 03:26:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	151041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	257081	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	229930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	117908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	111582	46.411	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 92.820%			
35) Dibromofluoromethane	5.367	113	89265	51.774	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.540%			
50) Toluene-d8	8.628	98	313110	52.484	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.960%			
62) 4-Bromofluorobenzene	11.061	95	117778	52.019	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	30241	19.335	ug/l	95
3) Chloromethane	1.300	50	32370	15.747	ug/l	98
4) Vinyl Chloride	1.386	62	35460	17.622	ug/l	97
5) Bromomethane	1.624	94	24254	19.008	ug/l	95
6) Chloroethane	1.697	64	23484	17.462	ug/l	99
7) Trichlorofluoromethane	1.898	101	56753	18.995	ug/l	97
8) Diethyl Ether	2.136	74	19608	16.044	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	34576	19.792	ug/l	97
10) Methyl Iodide	2.453	142	38759	14.226	ug/l	96
11) Tert butyl alcohol	2.940	59	17387	64.934	ug/l	96
12) 1,1-Dichloroethene	2.325	96	31206	17.390	ug/l	96
13) Acrolein	2.233	56	14290	57.913	ug/l	98
14) Allyl chloride	2.666	41	58352	15.758	ug/l	98
15) Acrylonitrile	3.056	53	75111	75.731	ug/l	99
16) Acetone	2.373	43	74118	70.903	ug/l	99
17) Carbon Disulfide	2.514	76	79390	16.160	ug/l	99
18) Methyl Acetate	2.697	43	36047	15.495	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	103055	15.732	ug/l	98
20) Methylene Chloride	2.788	84	37212	16.817	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	33390	17.282	ug/l	94
22) Diisopropyl ether	3.745	45	122384	17.053	ug/l	85
23) Vinyl Acetate	3.709	43	445889	77.630	ug/l	100
24) 1,1-Dichloroethane	3.605	63	66264	17.372	ug/l	99
25) 2-Butanone	4.538	43	90534	69.431	ug/l	96
26) 2,2-Dichloropropane	4.458	77	56752	17.898	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	40009	16.909	ug/l	98
28) Bromochloromethane	4.879	49	32637	19.599	ug/l	99
29) Tetrahydrofuran	4.989	42	53283	67.926	ug/l	99
30) Chloroform	5.080	83	69800	18.108	ug/l	95
31) Cyclohexane	5.458	56	55887	17.591	ug/l	97
32) 1,1,1-Trichloroethane	5.367	97	59094	18.074	ug/l	98
36) 1,1-Dichloropropene	5.678	75	44002	17.466	ug/l	96
37) Ethyl Acetate	4.696	43	39081	14.488	ug/l	98
38) Carbon Tetrachloride	5.665	117	51473	18.804	ug/l	97
39) Methylcyclohexane	7.366	83	52074	18.209	ug/l	96
40) Benzene	6.019	78	139777	18.267	ug/l	96

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047956.D
Acq On : 02 Oct 2025 11:04
Operator : JC/MD
Sample : VX1002WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Quant Time: Oct 03 03:26:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.897	41	22059	15.840	ug/l		97
42) 1,2-Dichloroethane	6.068	62	50241	17.256	ug/l		99
43) Isopropyl Acetate	6.324	43	67737	15.311	ug/l		99
44) Trichloroethene	7.110	130	33910	18.330	ug/l		97
45) 1,2-Dichloropropane	7.415	63	35310	18.021	ug/l		94
46) Dibromomethane	7.568	93	24921	17.478	ug/l		99
47) Bromodichloromethane	7.805	83	54027	18.362	ug/l		95
48) Methyl methacrylate	7.677	41	32743	14.858	ug/l		99
49) 1,4-Dioxane	7.641	88	6914	310.454	ug/l		94
51) 4-Methyl-2-Pentanone	8.555	43	189715	77.343	ug/l		98
52) Toluene	8.702	92	86444	18.336	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	51947	17.309	ug/l		99
54) cis-1,3-Dichloropropene	8.348	75	57562	17.944	ug/l		97
55) 1,1,2-Trichloroethane	9.134	97	32657	17.965	ug/l		92
56) Ethyl methacrylate	9.098	69	46012	16.117	ug/l		98
57) 1,3-Dichloropropane	9.293	76	57260	18.337	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	131962	103.744	ug/l		99
59) 2-Hexanone	9.415	43	130767	74.228	ug/l		100
60) Dibromochloromethane	9.506	129	38609	18.433	ug/l		99
61) 1,2-Dibromoethane	9.592	107	32840	17.737	ug/l		99
64) Tetrachloroethene	9.256	164	28169	18.793	ug/l		96
65) Chlorobenzene	10.061	112	96292	18.434	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	33483	18.576	ug/l		98
67) Ethyl Benzene	10.177	91	163214	18.109	ug/l		100
68) m/p-Xylenes	10.287	106	124303	37.054	ug/l		99
69) o-Xylene	10.622	106	58700	18.091	ug/l		99
70) Styrene	10.640	104	102151	17.967	ug/l		99
71) Bromoform	10.780	173	23953	17.797	ug/l	#	97
73) Isopropylbenzene	10.945	105	156497	17.458	ug/l		99
74) N-amyl acetate	10.829	43	58298	14.262	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	43785	16.144	ug/l		98
76) 1,2,3-Trichloropropane	11.219	75	47323	19.823	ug/l		88
77) Bromobenzene	11.183	156	37501	16.986	ug/l		98
78) n-propylbenzene	11.286	91	187964	17.738	ug/l		99
79) 2-Chlorotoluene	11.347	91	112894	17.394	ug/l		98
80) 1,3,5-Trimethylbenzene	11.433	105	128377	17.431	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.000	75	12924	13.806	ug/l		98
82) 4-Chlorotoluene	11.439	91	133391	17.402	ug/l		99
83) tert-Butylbenzene	11.695	119	130291	17.282	ug/l		100
84) 1,2,4-Trimethylbenzene	11.731	105	129085	17.288	ug/l		100
85) sec-Butylbenzene	11.872	105	159255	17.784	ug/l		100
86) p-Isopropyltoluene	11.994	119	133388	17.594	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	72183	17.602	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	73964	17.574	ug/l		99
89) n-Butylbenzene	12.317	91	122807	17.506	ug/l		98
90) Hexachloroethane	12.518	117	23943	17.988	ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	66380	16.991	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	7371	13.424	ug/l		96
93) 1,2,4-Trichlorobenzene	13.567	180	39416	15.524	ug/l		98
94) Hexachlorobutadiene	13.707	225	15665	18.163	ug/l		97
95) Naphthalene	13.756	128	106975	13.836	ug/l		99
96) 1,2,3-Trichlorobenzene	13.938	180	37191	15.746	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047956.D
Acq On : 02 Oct 2025 11:04
Operator : JC/MD
Sample : VX1002WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Quant Time: Oct 03 03:26:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

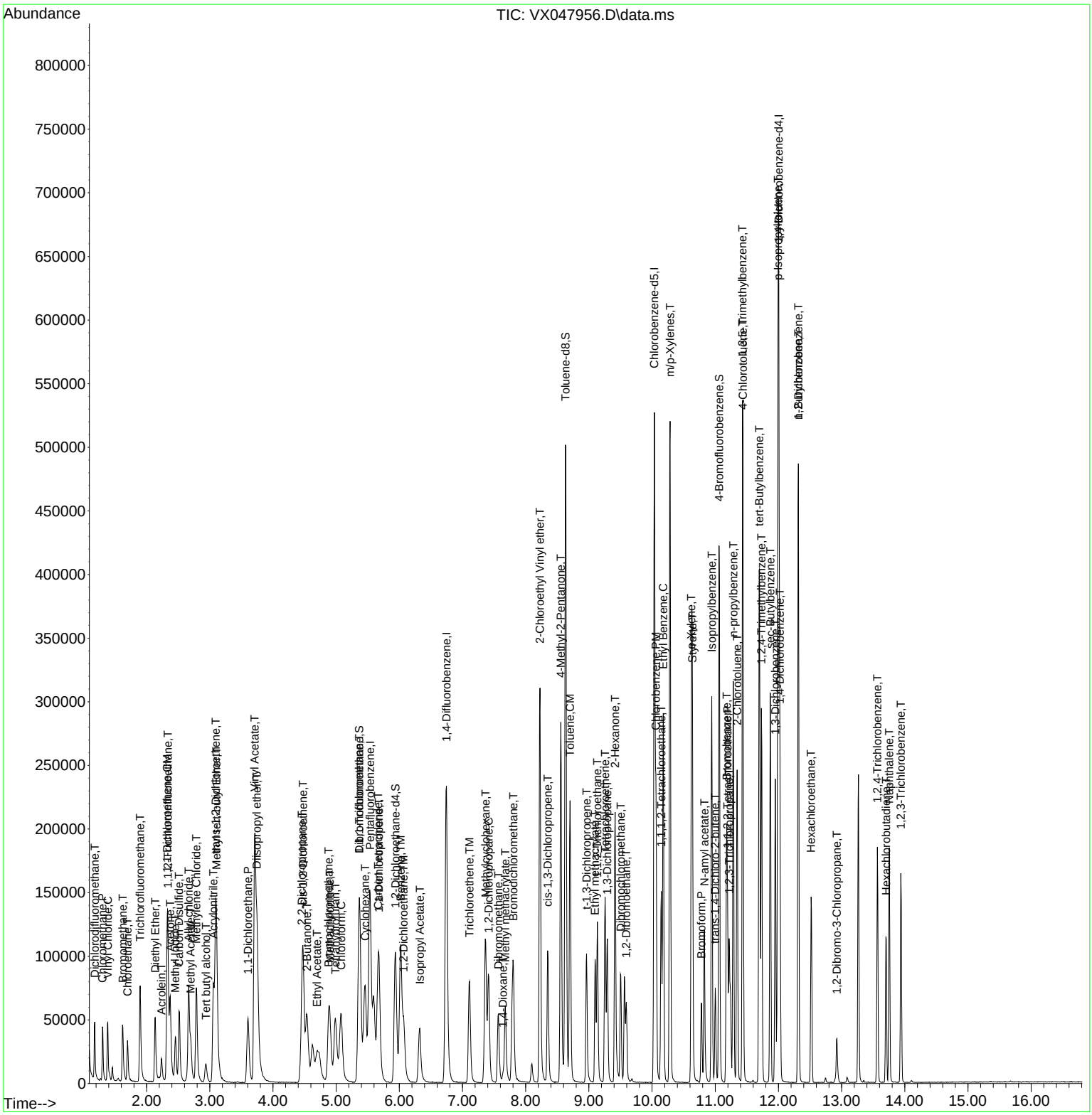
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

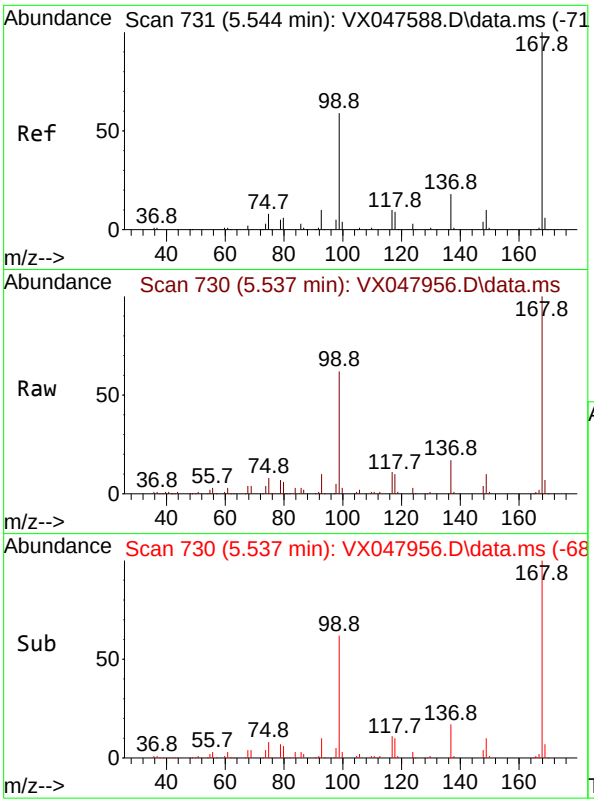
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047956.D
Acq On : 02 Oct 2025 11:04
Operator : JC/MD
Sample : VX1002WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Quant Time: Oct 03 03:26:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



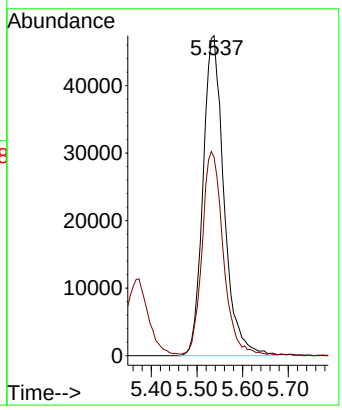


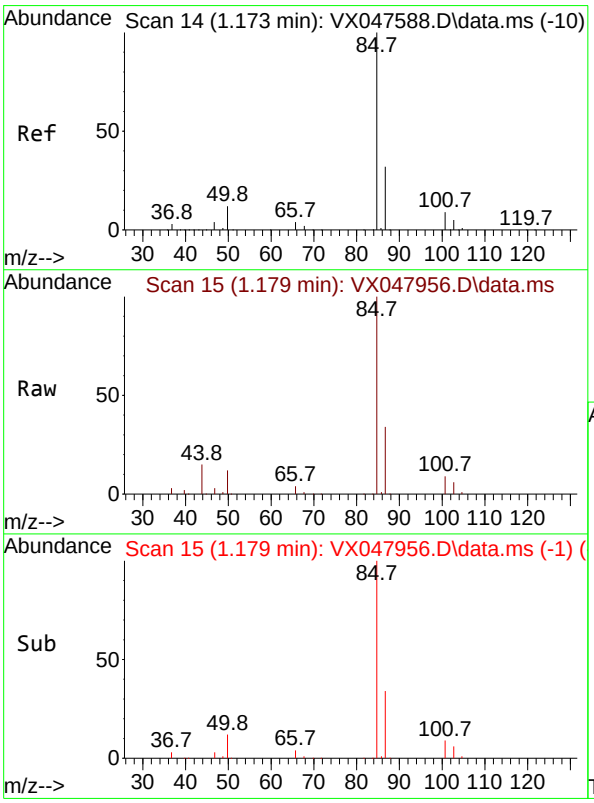
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion:168 Resp: 151041

Ion	Ratio	Lower	Upper
168	100		
99	61.7	48.8	73.2

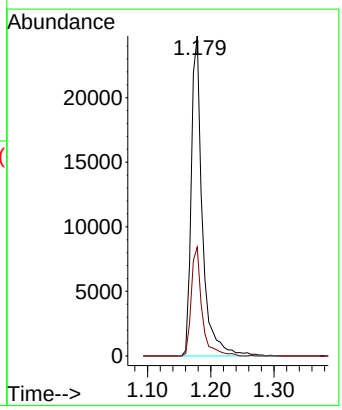


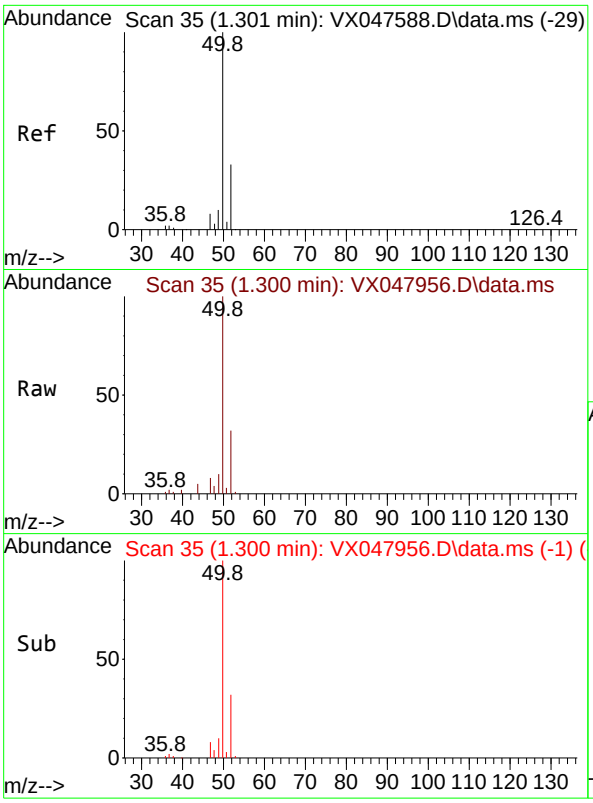


#2
Dichlorodifluoromethane
Concen: 19.335 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 85 Resp: 30241

Ion	Ratio	Lower	Upper
85	100		
87	34.0	15.8	47.3



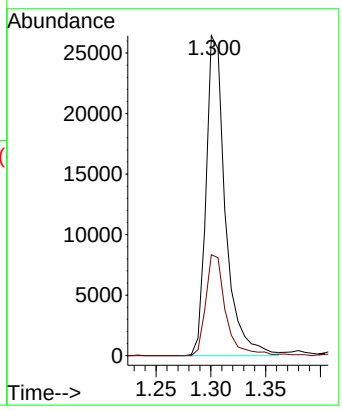


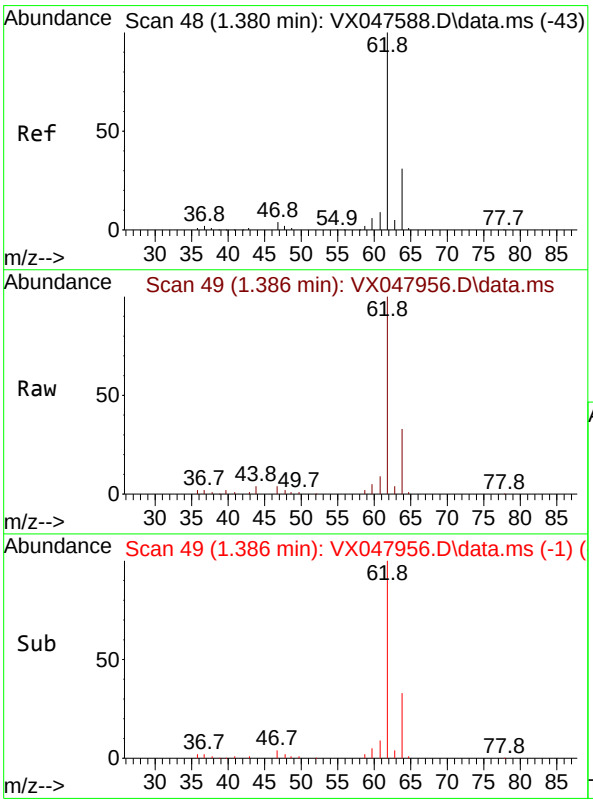
#3
Chloromethane
Concen: 15.747 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion: 50 Resp: 32370

Ion	Ratio	Lower	Upper
50	100		
52	31.5	26.1	39.1

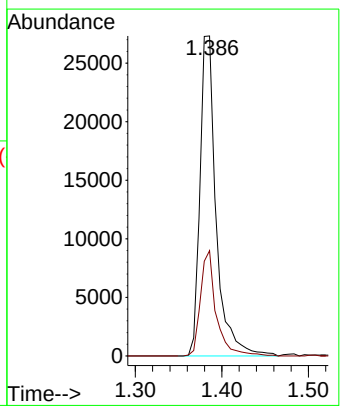


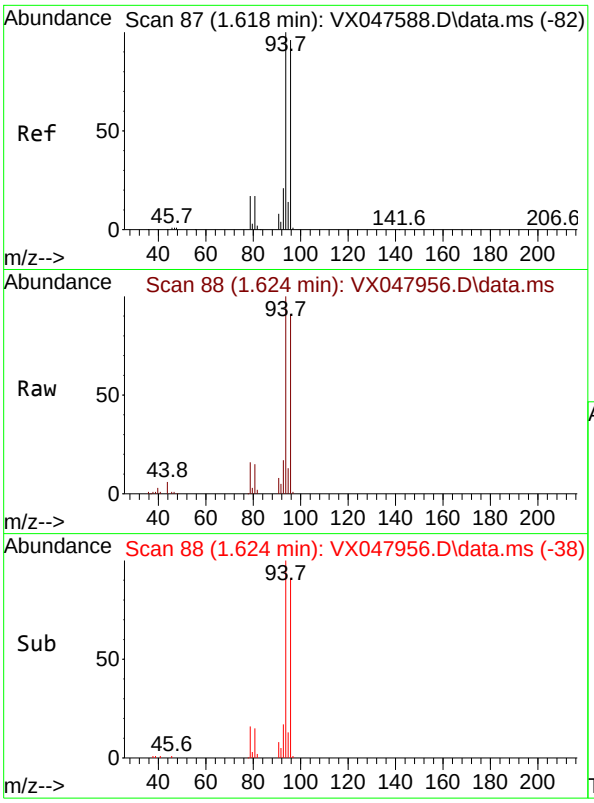


#4
Vinyl Chloride
Concen: 17.622 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 62 Resp: 35460

Ion	Ratio	Lower	Upper
62	100		
64	32.9	24.9	37.3



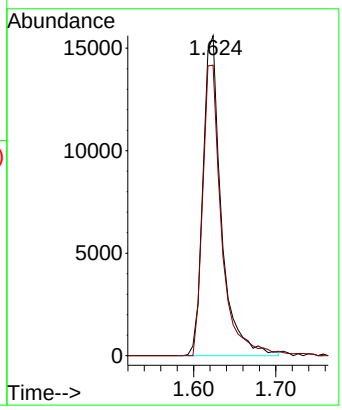


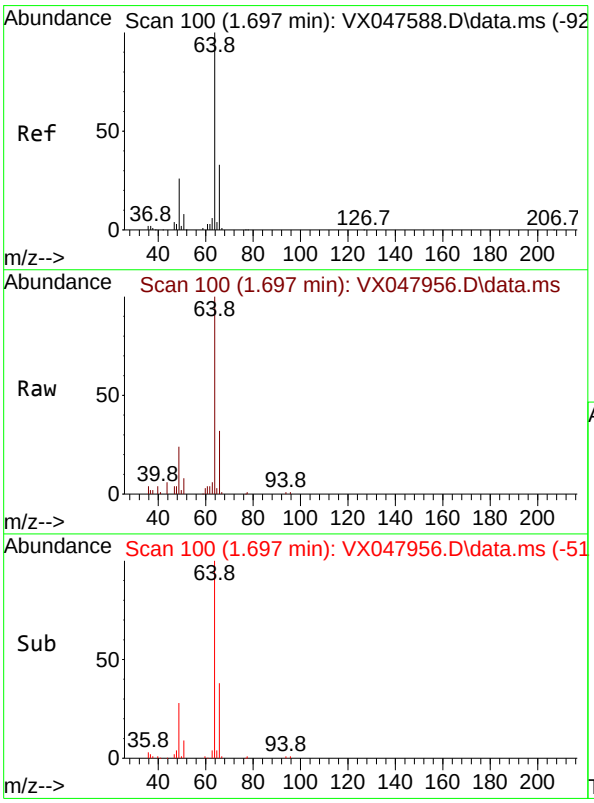
#5
Bromomethane
Concen: 19.008 ug/l
RT: 1.624 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion: 94 Resp: 24254

Ion	Ratio	Lower	Upper
94	100		
96	90.8	76.6	115.0

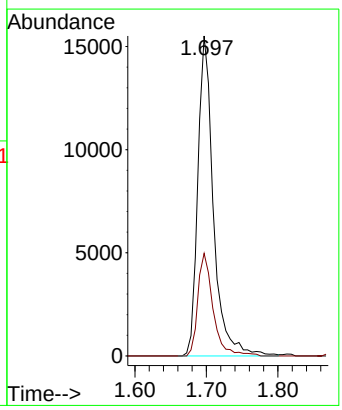


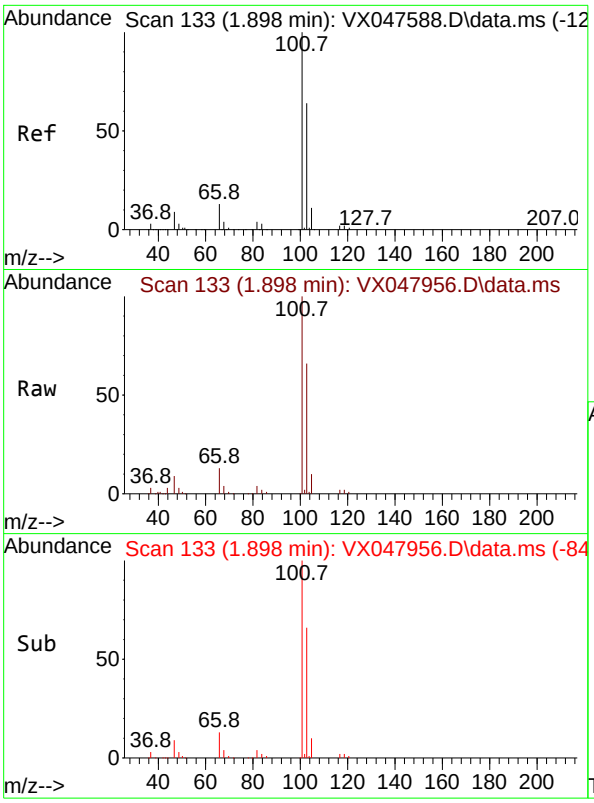


#6
Chloroethane
Concen: 17.462 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 64 Resp: 23484

Ion	Ratio	Lower	Upper
64	100		
66	32.1	26.1	39.1



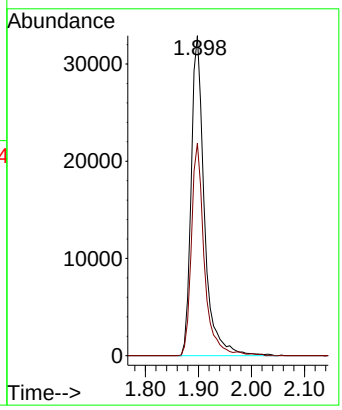


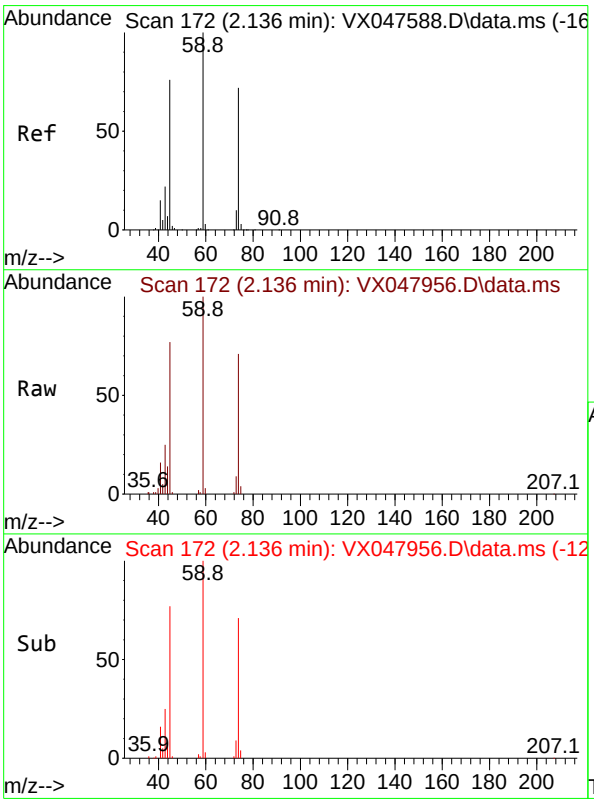
#7
Trichlorofluoromethane
Concen: 18.995 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion:101 Resp: 56753

Ion	Ratio	Lower	Upper
101	100		
103	66.4	51.4	77.2

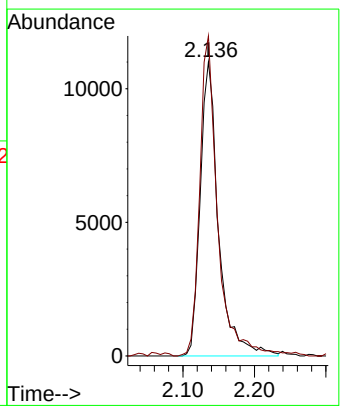


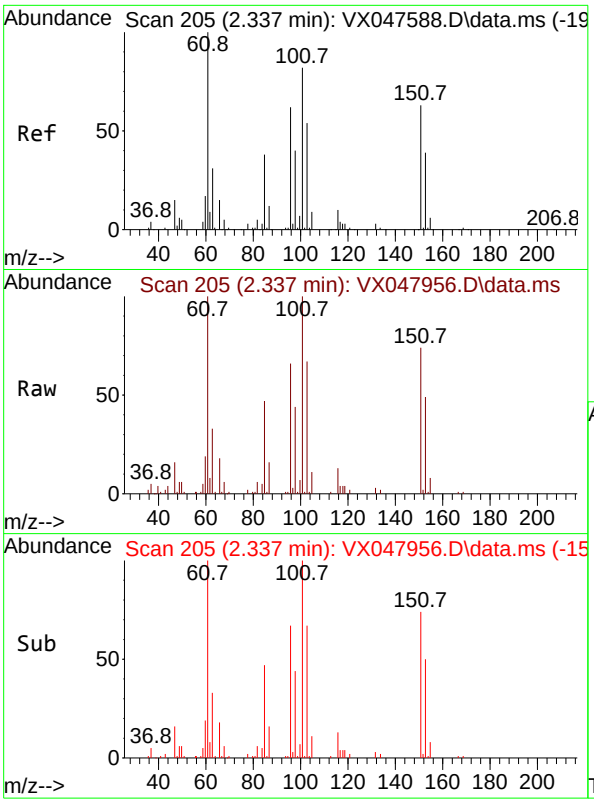


#8
Diethyl Ether
Concen: 16.044 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 74 Resp: 19608

Ion	Ratio	Lower	Upper
74	100		
45	106.7	52.3	156.8



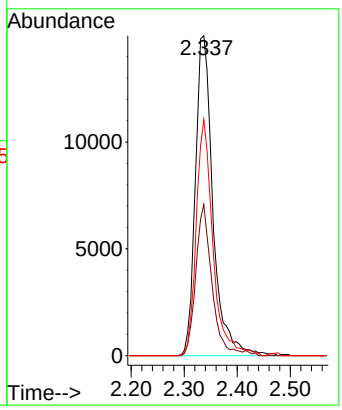


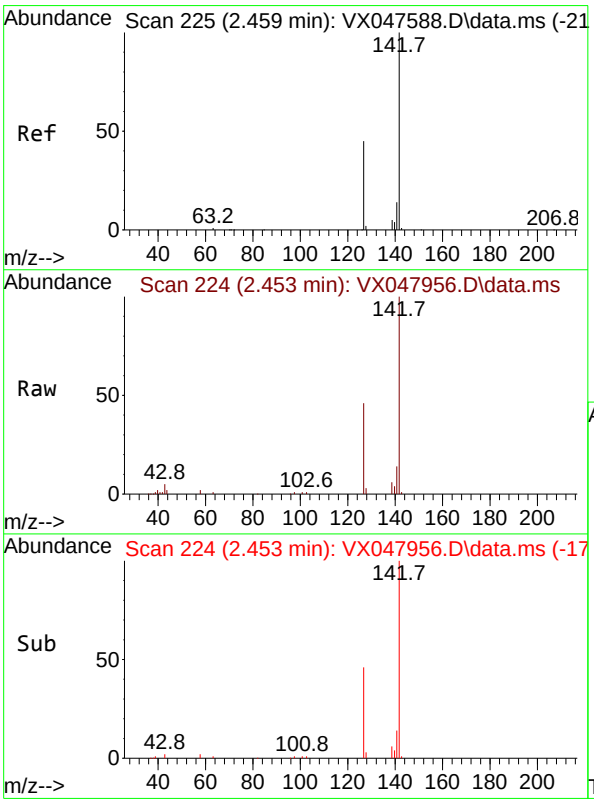
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.792 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion:101 Resp: 34576

Ion	Ratio	Lower	Upper
101	100		
85	43.7	35.5	53.3
151	70.1	59.4	89.0

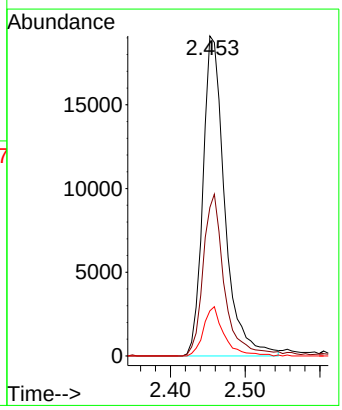


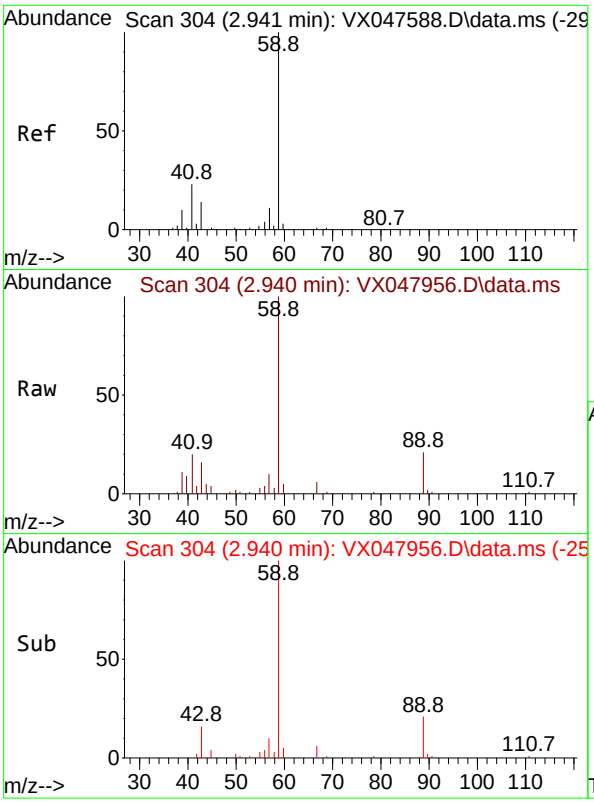


#10
Methyl Iodide
Concen: 14.226 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:142 Resp: 38759

Ion	Ratio	Lower	Upper
142	100		
127	50.1	37.2	55.8
141	14.6	11.4	17.0



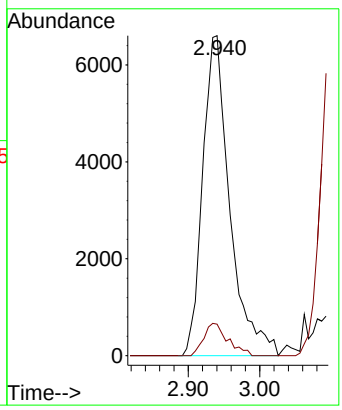


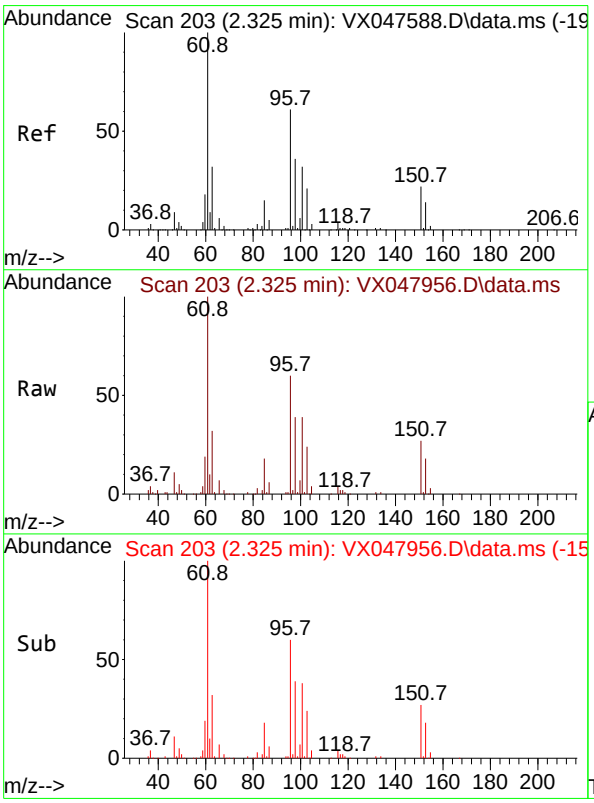
#11
Tert butyl alcohol
Concen: 64.934 ug/l
RT: 2.940 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion: 59 Resp: 17387

Ion	Ratio	Lower	Upper
59	100		
57	9.0	8.3	12.5

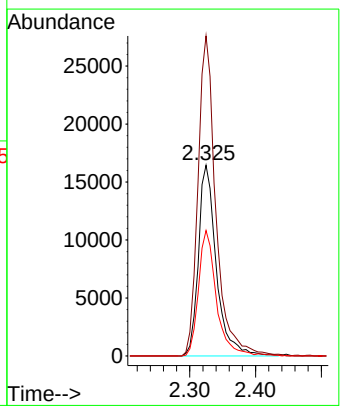


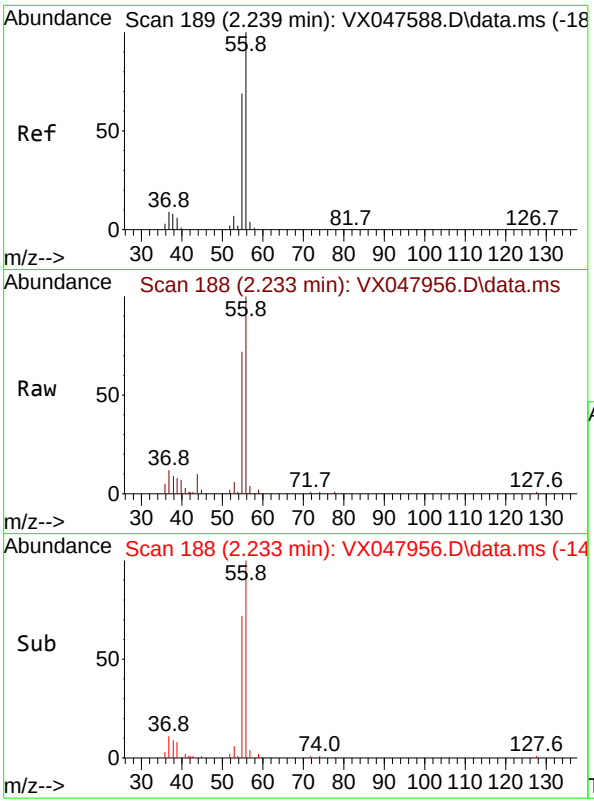


#12
1,1-Dichloroethene
Concen: 17.390 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 96 Resp: 31206

Ion	Ratio	Lower	Upper
96	100		
61	167.8	131.0	196.6
98	65.8	47.7	71.5



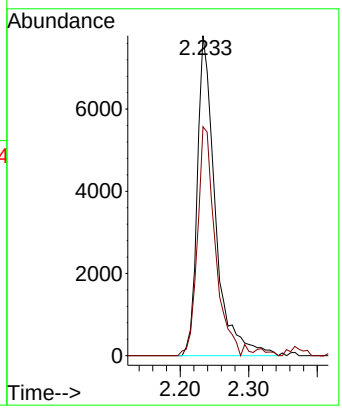


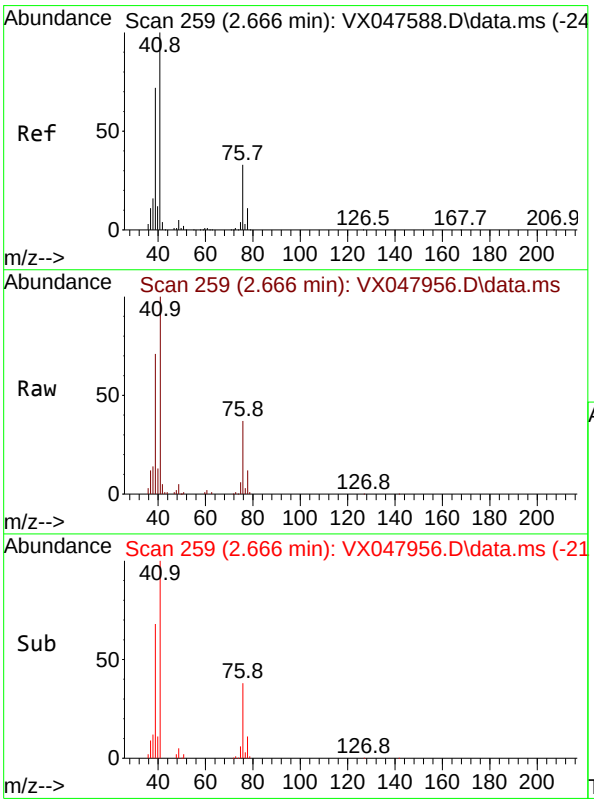
#13
Acrolein
Concen: 57.913 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion: 56 Resp: 14290

Ion	Ratio	Lower	Upper
56	100		
55	70.1	57.2	85.8

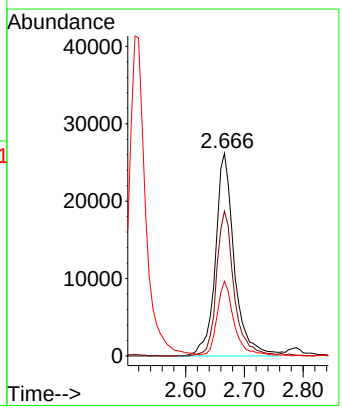


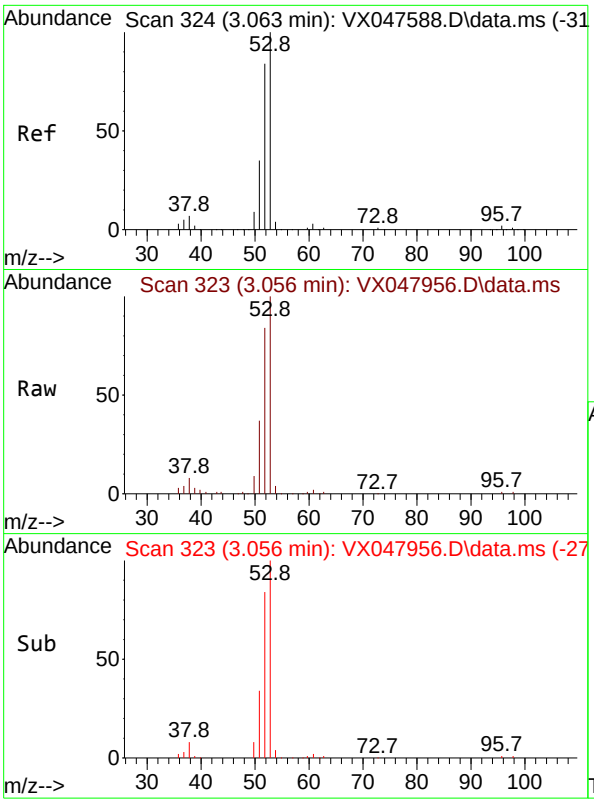


#14
Allyl chloride
Concen: 15.758 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 41 Resp: 58352

Ion	Ratio	Lower	Upper
41	100		
39	67.1	54.7	82.1
76	33.4	25.7	38.5



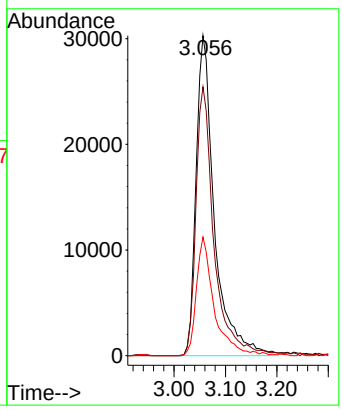


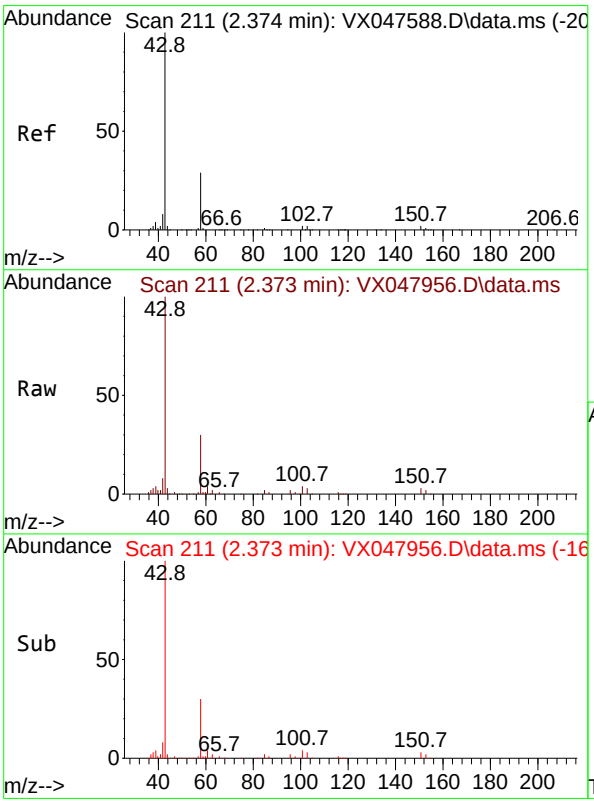
#15
Acrylonitrile
Concen: 75.731 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion: 53 Resp: 75111

Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.4	99.6
51	36.2	29.5	44.3

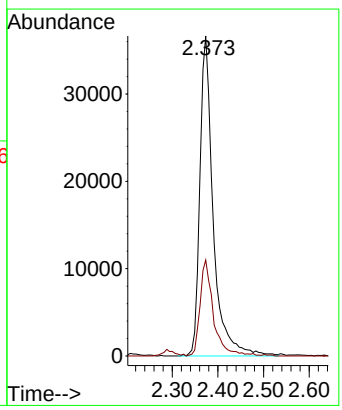


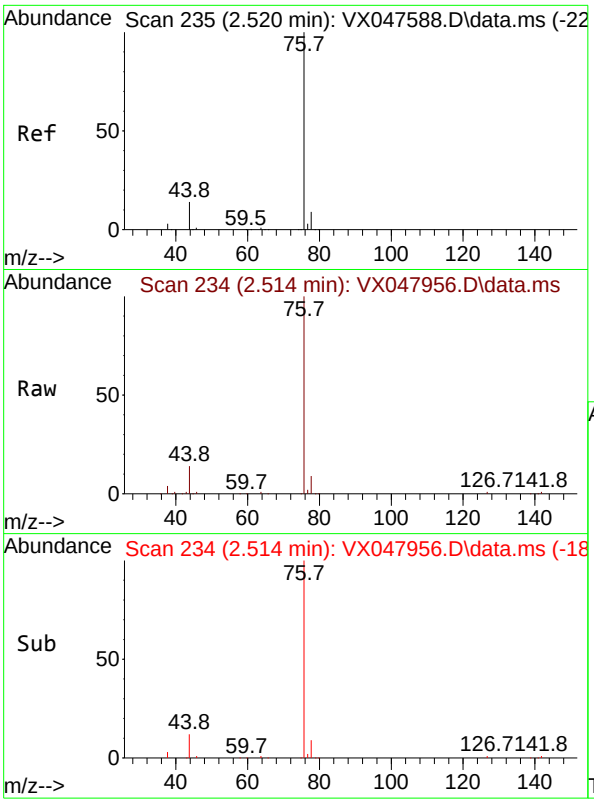


#16
Acetone
Concen: 70.903 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 43 Resp: 74118

Ion	Ratio	Lower	Upper
43	100		
58	30.0	23.4	35.0



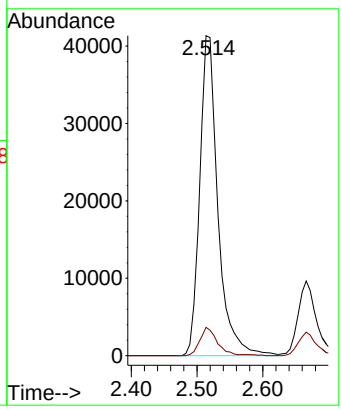


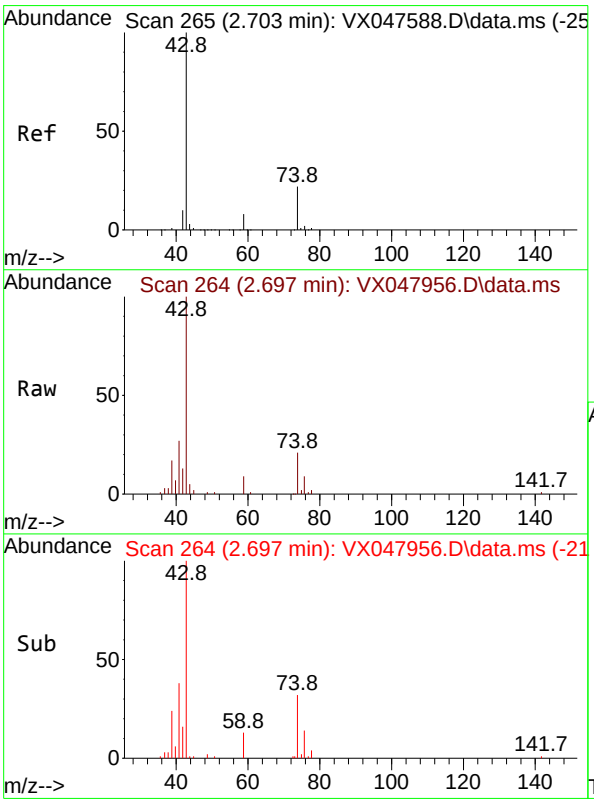
#17
Carbon Disulfide
Concen: 16.160 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion: 76 Resp: 79390

Ion	Ratio	Lower	Upper
76	100		
78	8.9	6.8	10.2

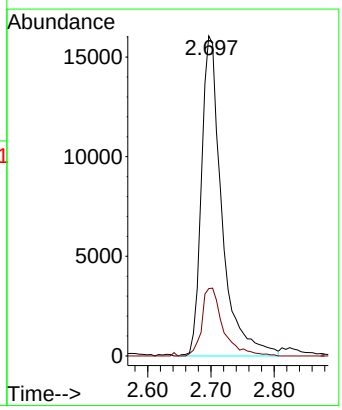


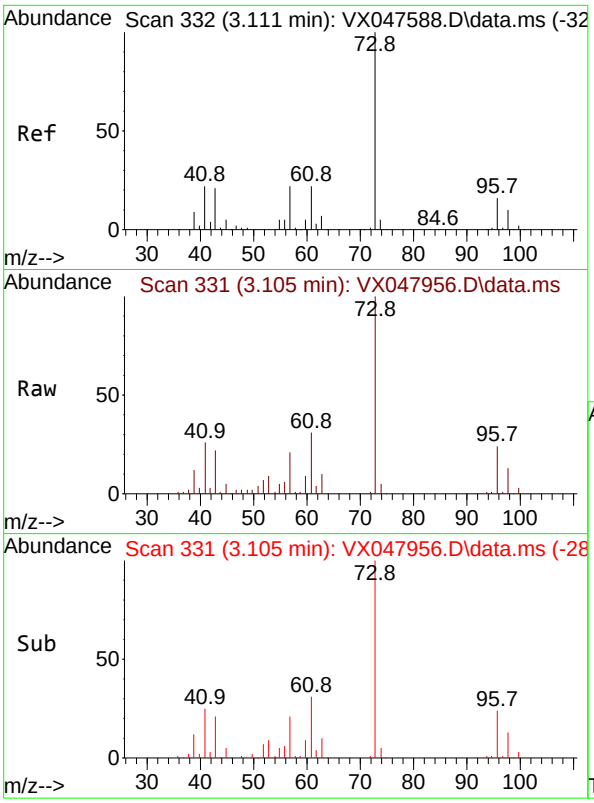


#18
Methyl Acetate
Concen: 15.495 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 43 Resp: 36047

Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.4	26.2



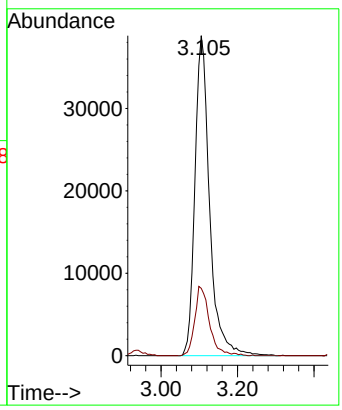


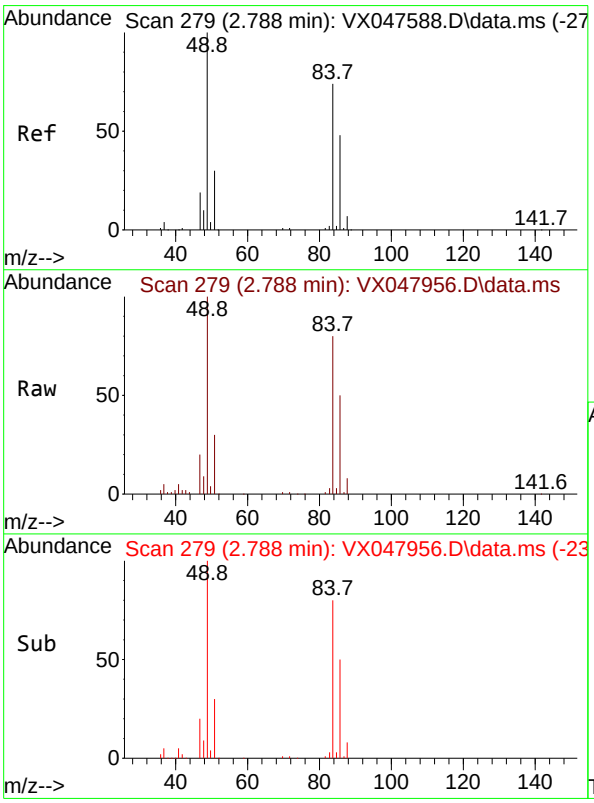
#19
Methyl tert-butyl Ether
Concen: 15.732 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion: 73 Resp: 103055

Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.4	26.2

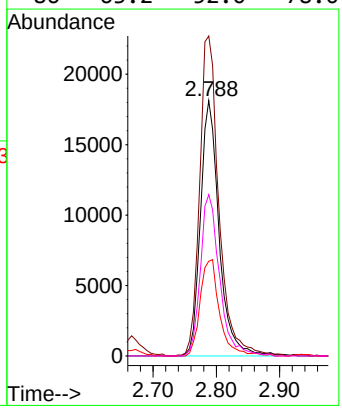


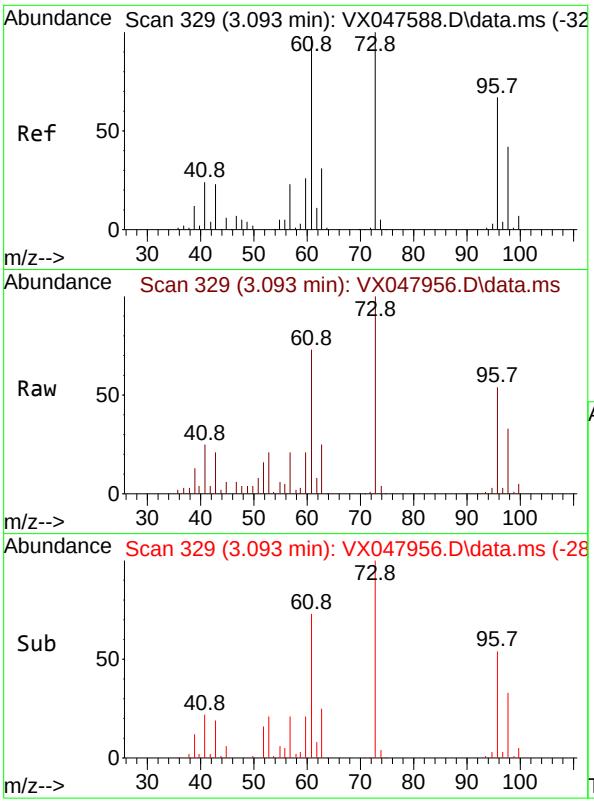


#20
Methylene Chloride
Concen: 16.817 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 84 Resp: 37212

Ion	Ratio	Lower	Upper
84	100		
49	124.9	108.6	162.8
51	37.1	32.6	48.8
86	63.2	52.0	78.0



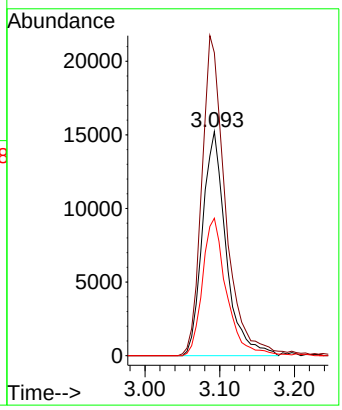


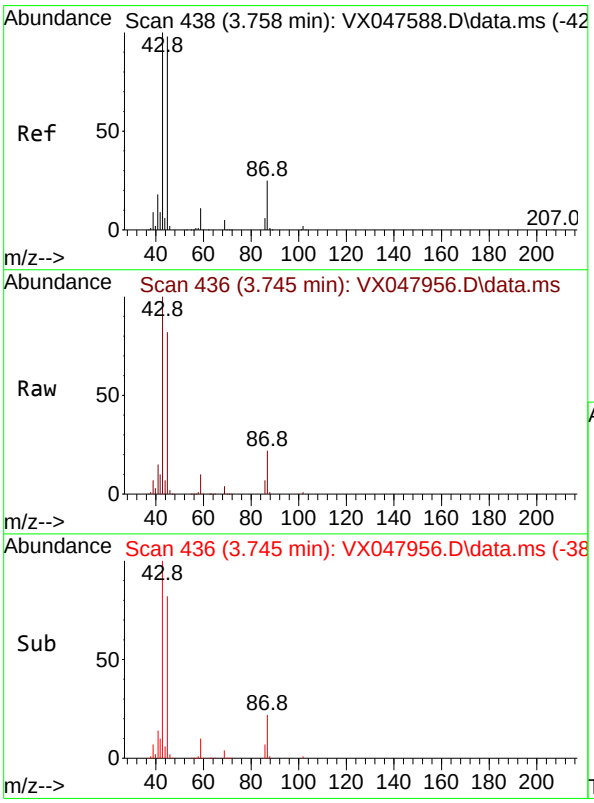
#21
trans-1,2-Dichloroethene
Concen: 17.282 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion: 96 Resp: 33390

Ion	Ratio	Lower	Upper
96	100		
61	135.1	116.2	174.2
98	61.3	49.3	73.9

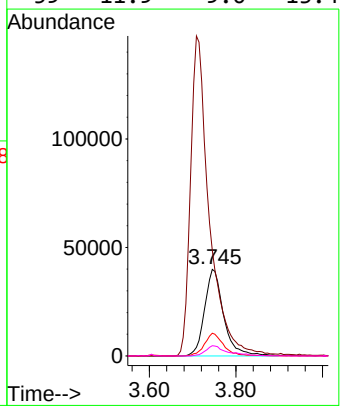


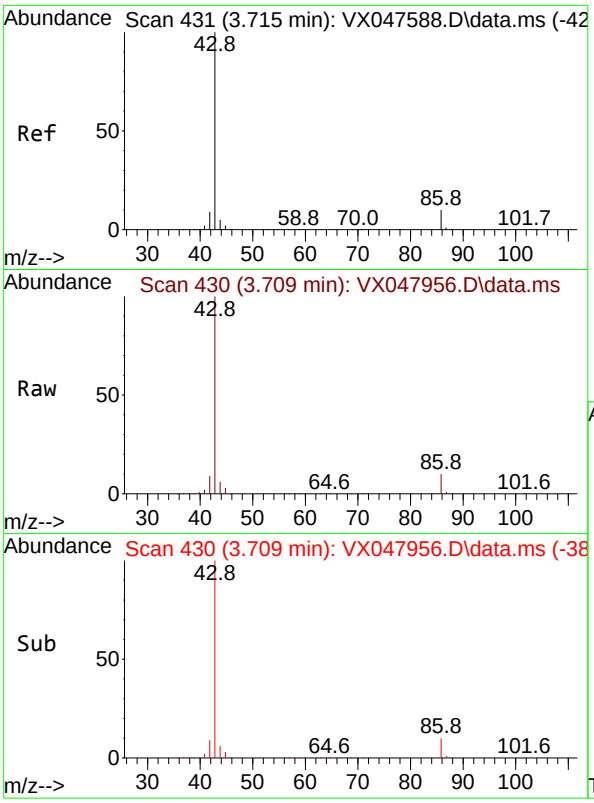


#22
Diisopropyl ether
Concen: 17.053 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 45 Resp: 122384

Ion	Ratio	Lower	Upper
45	100		
43	121.2	81.0	121.4
87	26.3	20.3	30.5
59	11.9	9.0	13.4



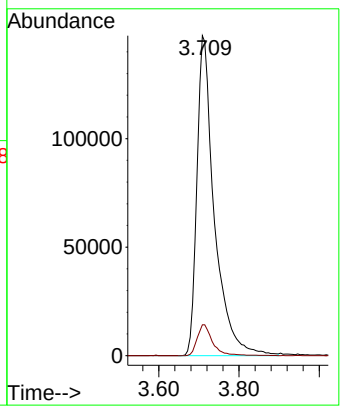


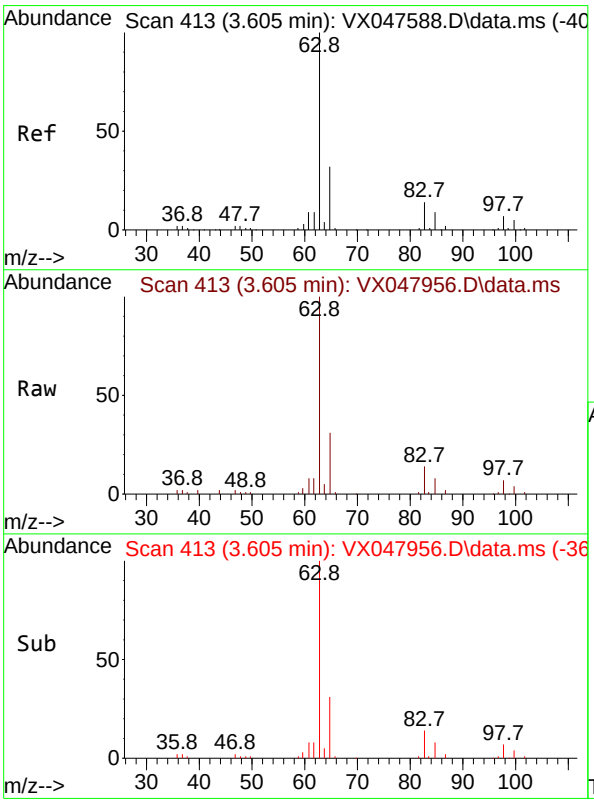
#23
Vinyl Acetate
Concen: 77.630 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion: 43 Resp: 445889

Ion	Ratio	Lower	Upper
43	100		
86	9.7	7.8	11.8

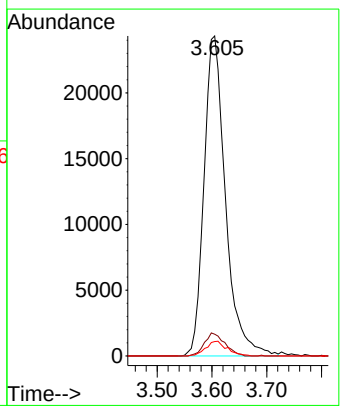


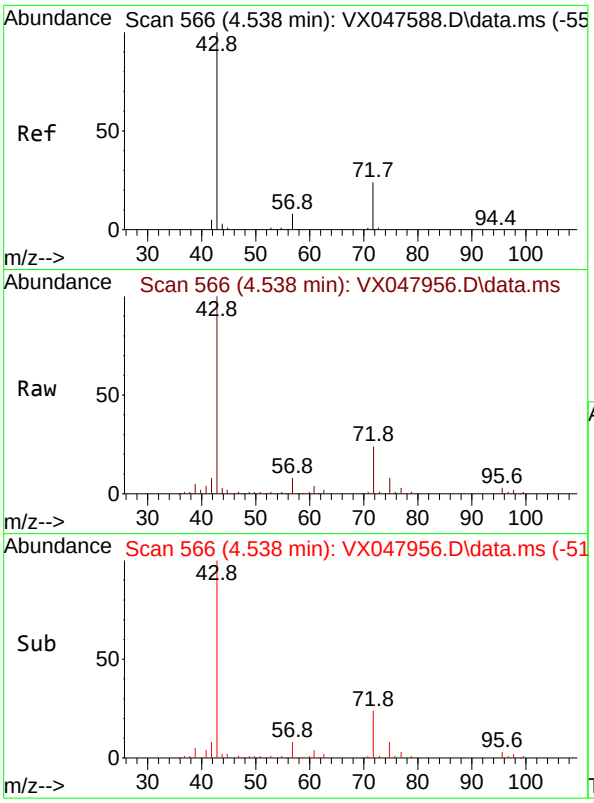


#24
1,1-Dichloroethane
Concen: 17.372 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 63 Resp: 66264

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.8	11.2
100	4.5	2.3	6.9



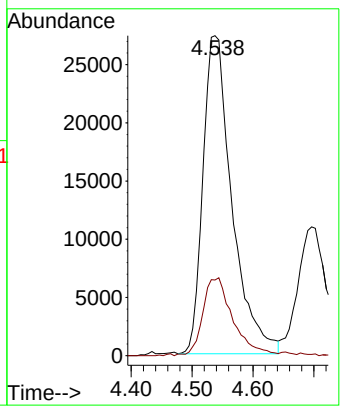


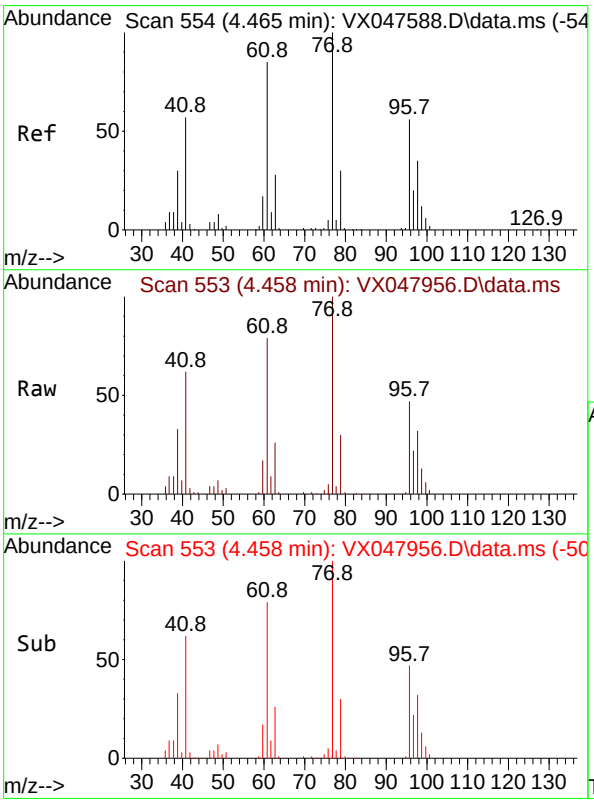
#25
2-Butanone
Concen: 69.431 ug/l
RT: 4.538 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion: 43 Resp: 90534

Ion	Ratio	Lower	Upper
43	100		
72	23.3	20.1	30.1

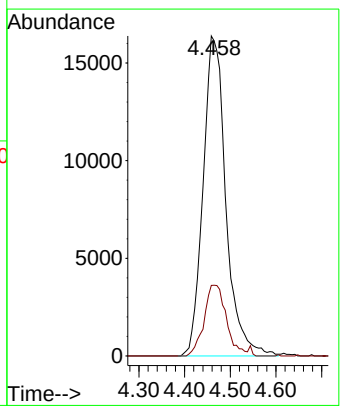


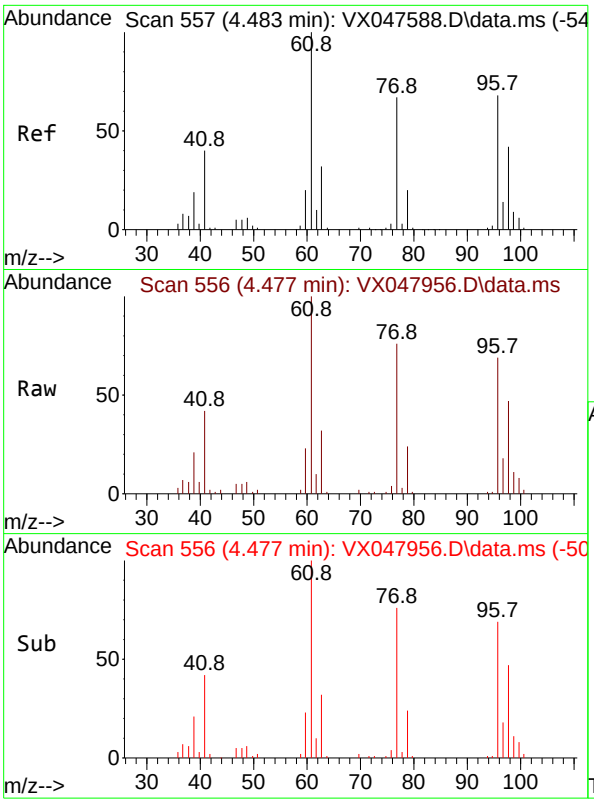


#26
2,2-Dichloropropane
Concen: 17.898 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 77 Resp: 56752

Ion	Ratio	Lower	Upper
77	100		
97	21.6	10.9	32.7



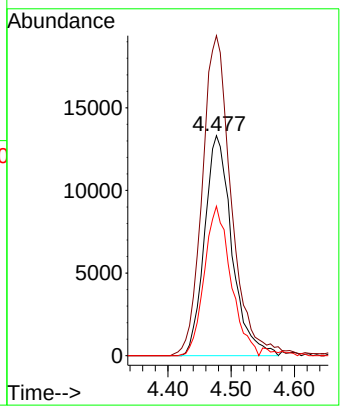


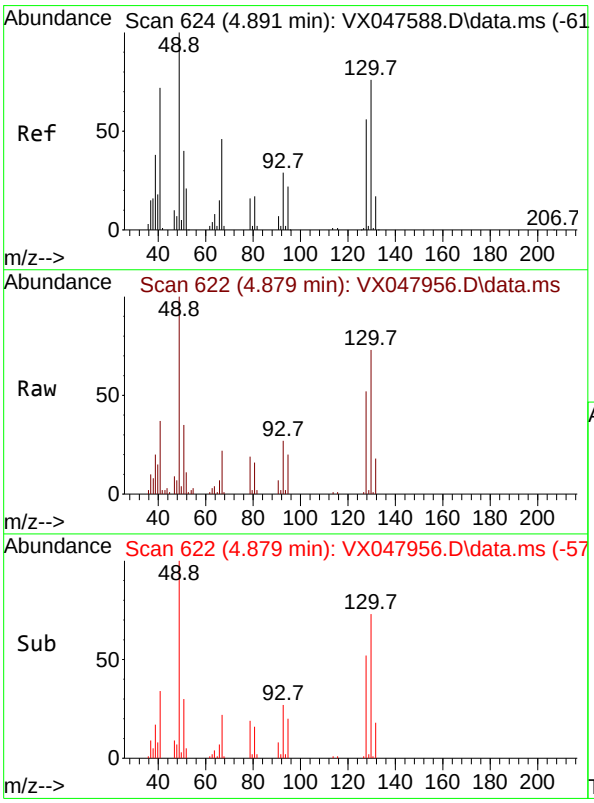
#27
cis-1,2-Dichloroethene
Concen: 16.909 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion: 96 Resp: 40009

Ion	Ratio	Lower	Upper
96	100		
61	154.7	0.0	303.2
98	65.7	0.0	127.8

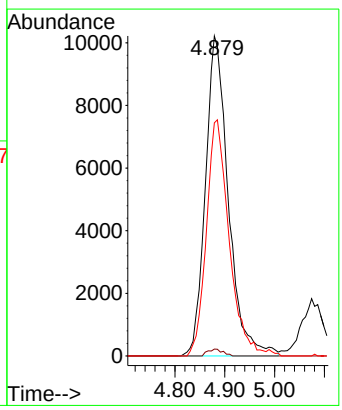


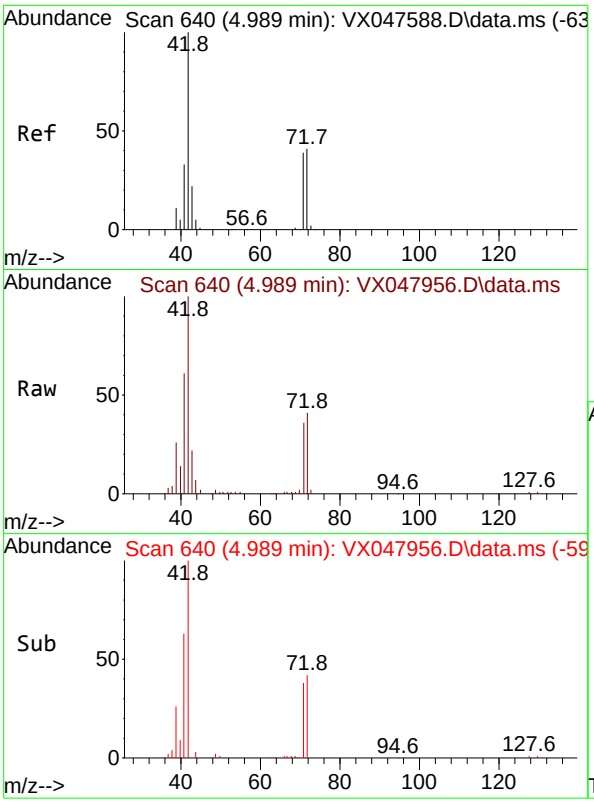


#28
Bromochloromethane
Concen: 19.599 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 49 Resp: 32637

Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.2
130	73.4	57.8	86.8



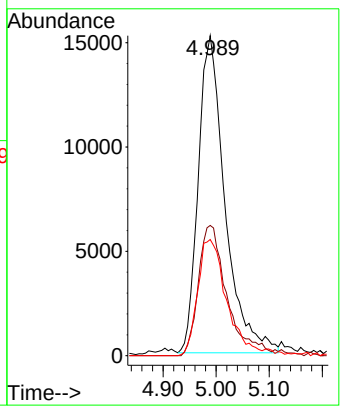


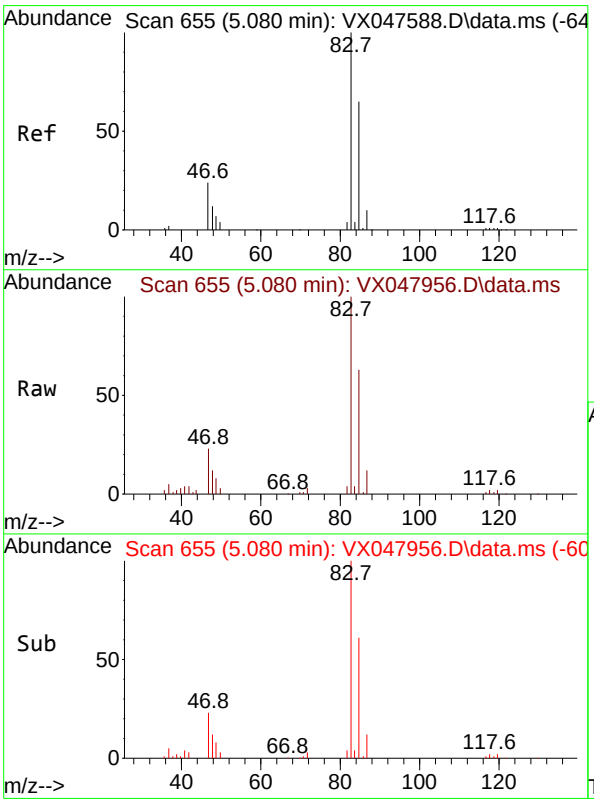
#29
Tetrahydrofuran
Concen: 67.926 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion: 42 Resp: 53283

Ion	Ratio	Lower	Upper
42	100		
72	43.7	34.2	51.2
71	39.3	31.9	47.9

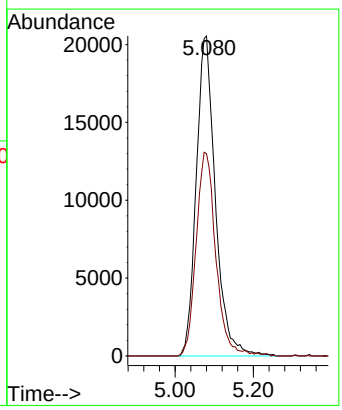


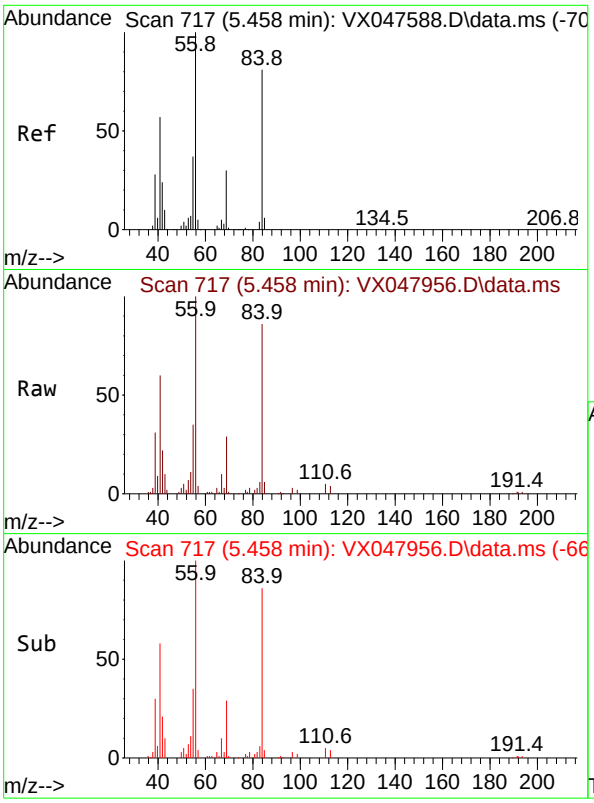


#30
Chloroform
Concen: 18.108 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 83 Resp: 69800

Ion	Ratio	Lower	Upper
83	100		
85	61.0	51.8	77.6



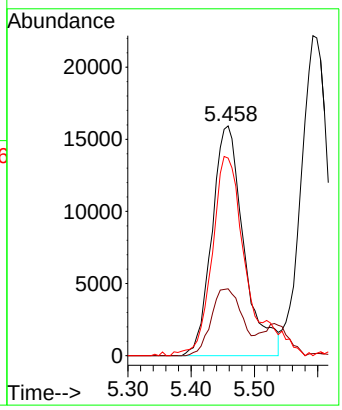


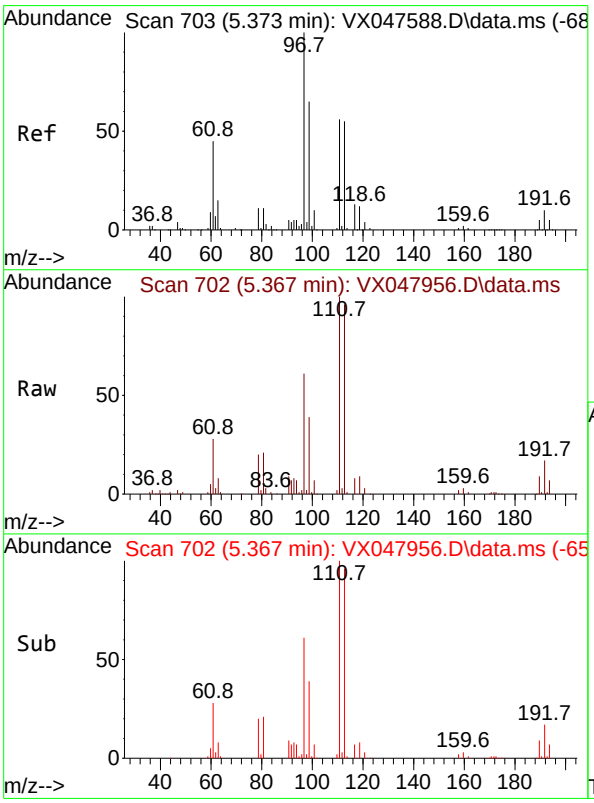
#31
Cyclohexane
Concen: 17.591 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion: 56 Resp: 55887

Ion	Ratio	Lower	Upper
56	100		
69	29.1	23.8	35.8
84	84.6	64.6	97.0

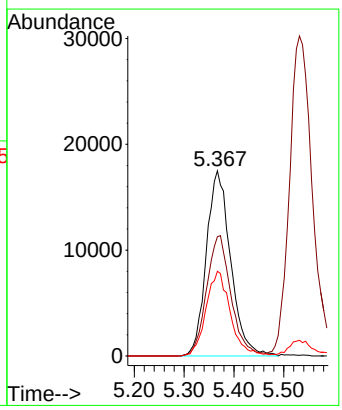


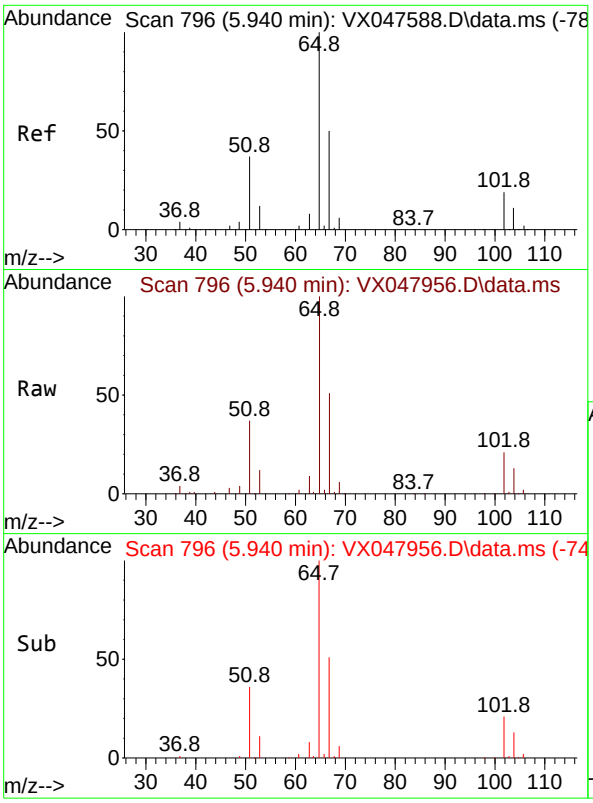


#32
1,1,1-Trichloroethane
Concen: 18.074 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 97 Resp: 59094

Ion	Ratio	Lower	Upper
97	100		
99	65.2	50.6	76.0
61	46.0	35.8	53.8



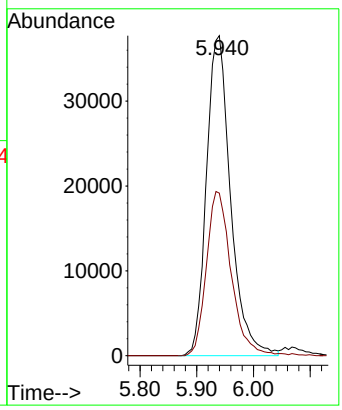


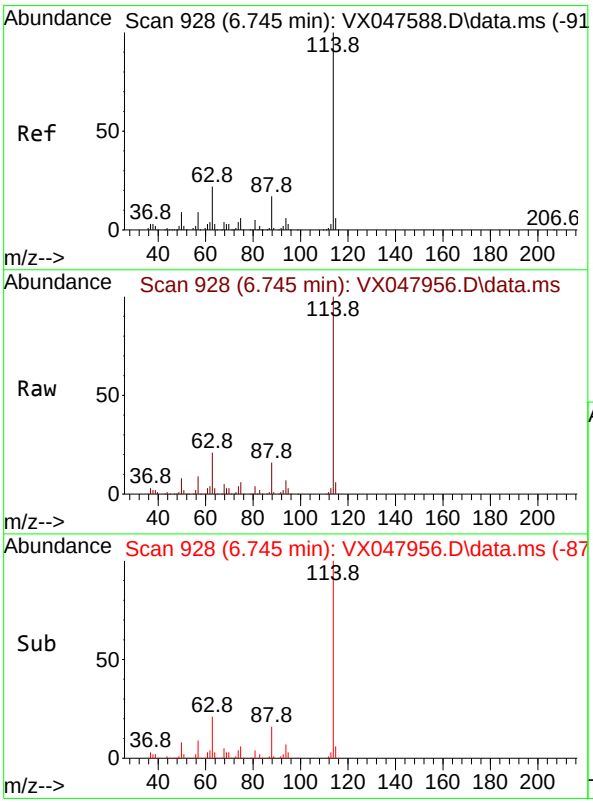
#33
1,2-Dichloroethane-d4
Concen: 46.411 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion: 65 Resp: 111582

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	103.0

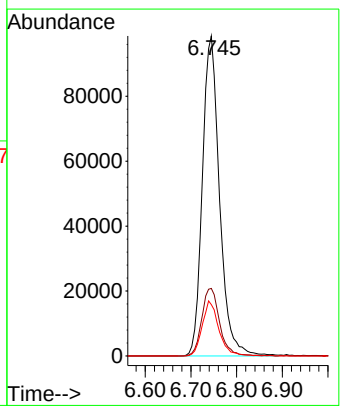


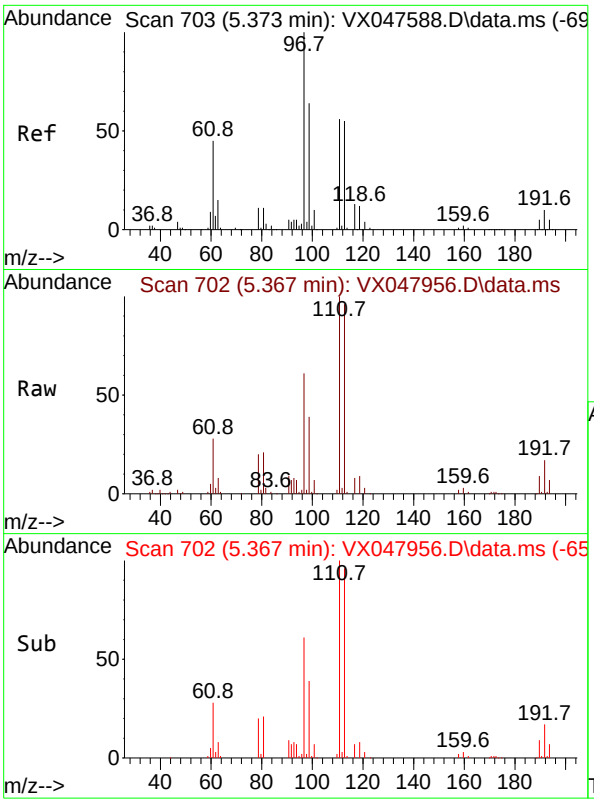


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:114 Resp: 257081

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	44.0
88	16.0	0.0	34.2



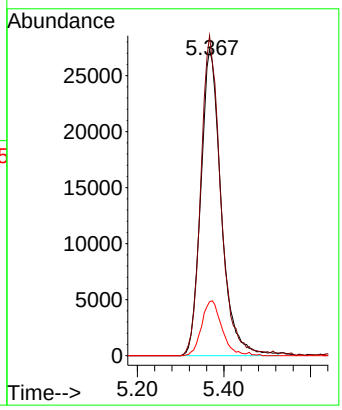


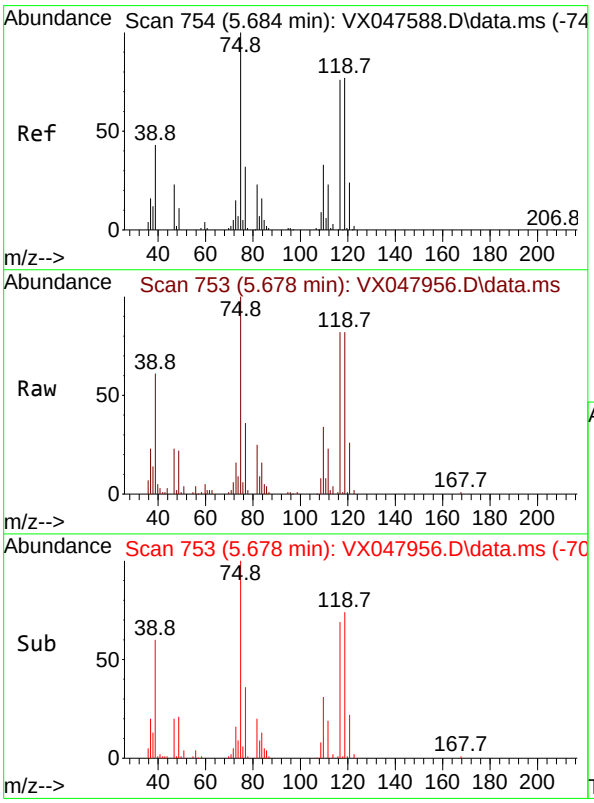
#35
Dibromofluoromethane
Concen: 51.774 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion:113 Resp: 89265

Ion	Ratio	Lower	Upper
113	100		
111	102.1	80.9	121.3
192	17.7	14.2	21.4

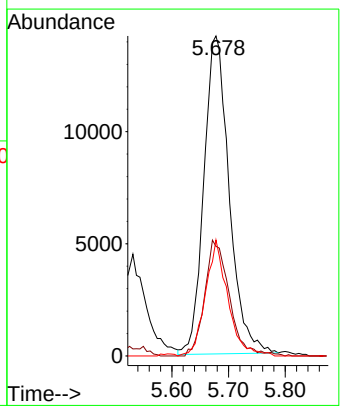


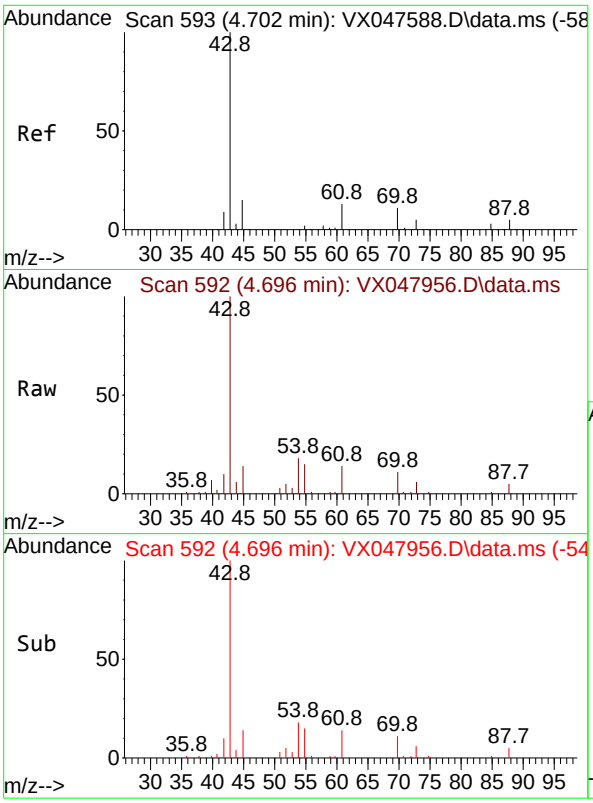


#36
1,1-Dichloropropene
Concen: 17.466 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 75 Resp: 44002

Ion	Ratio	Lower	Upper
75	100		
110	35.6	16.7	50.1
77	32.3	24.3	36.5



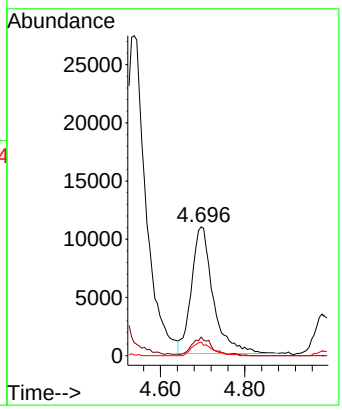


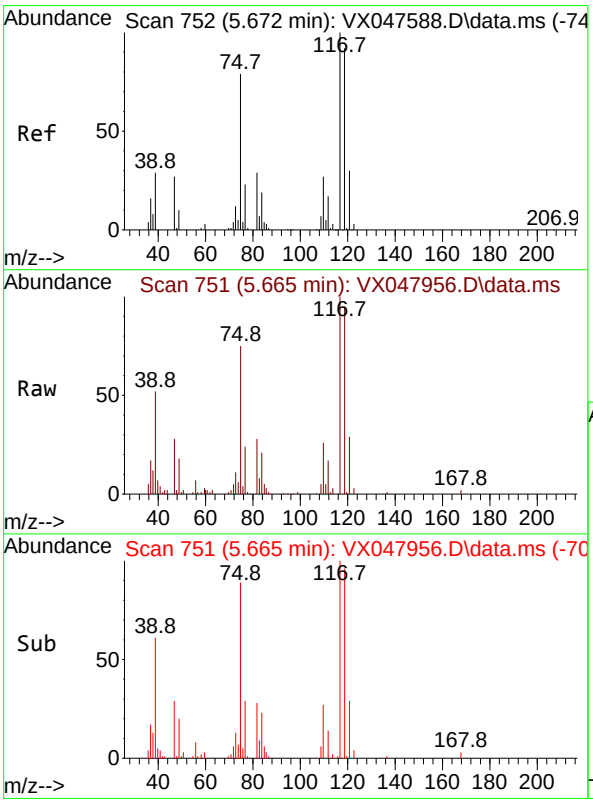
#37
Ethyl Acetate
Concen: 14.488 ug/l
RT: 4.696 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion: 43 Resp: 39081

Ion	Ratio	Lower	Upper
43	100		
61	10.9	9.8	14.8
70	9.9	7.9	11.9

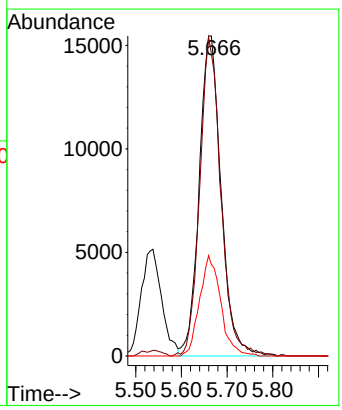


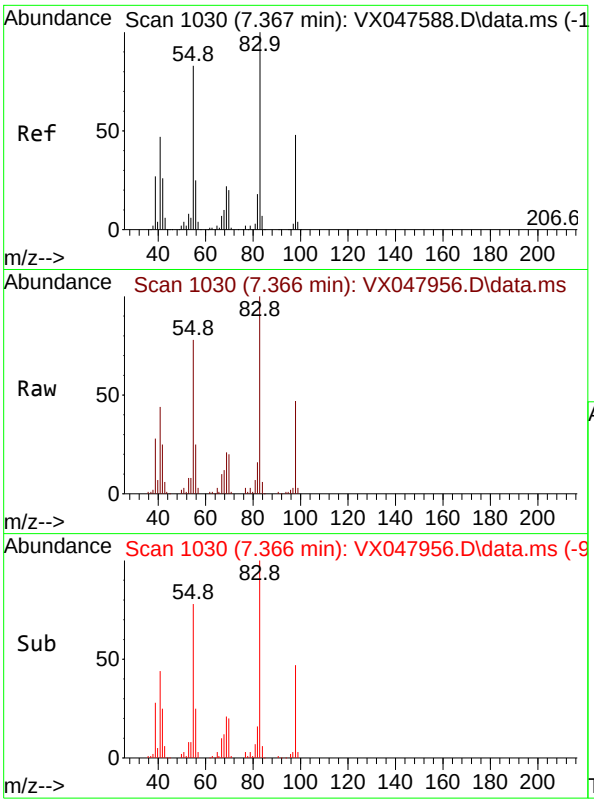


#38
Carbon Tetrachloride
Concen: 18.804 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:117 Resp: 51473

Ion	Ratio	Lower	Upper
117	100		
119	94.6	73.4	110.2
121	28.6	23.8	35.6



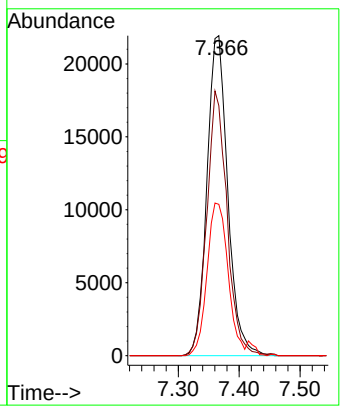


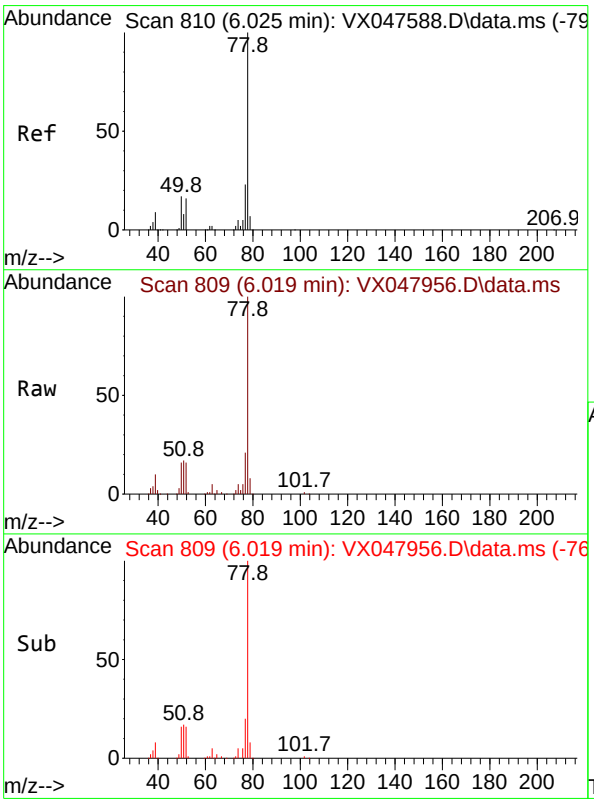
#39
Methylcyclohexane
Concen: 18.209 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion: 83 Resp: 52074

Ion	Ratio	Lower	Upper
83	100		
55	78.1	66.4	99.6
98	47.3	38.1	57.1

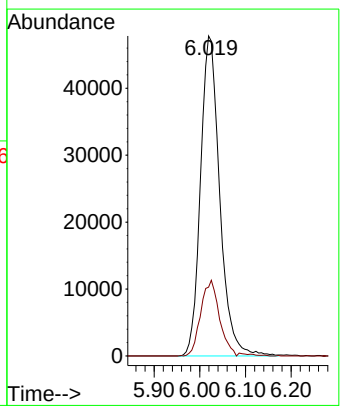


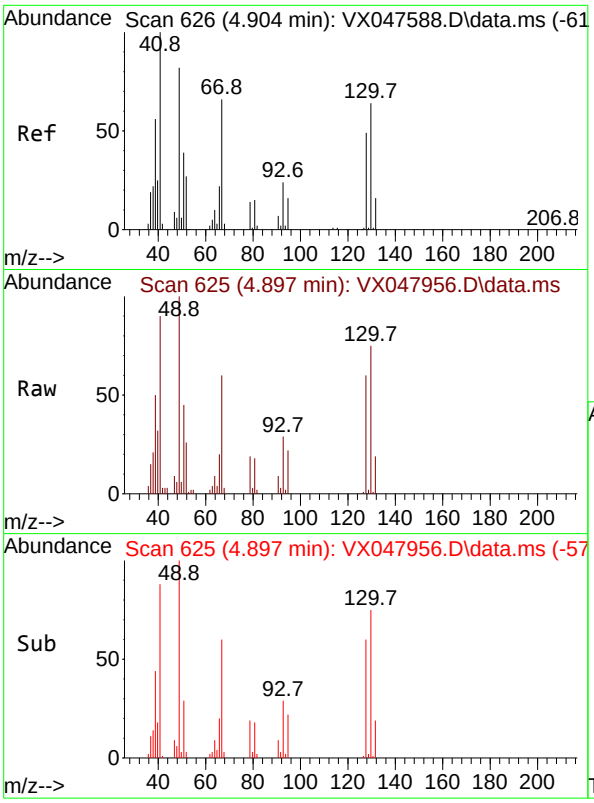


#40
Benzene
Concen: 18.267 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 78 Resp: 139777

Ion	Ratio	Lower	Upper
78	100		
77	21.5	18.8	28.2



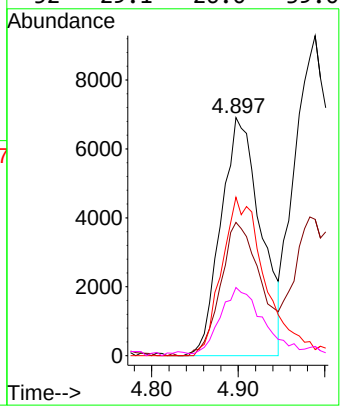


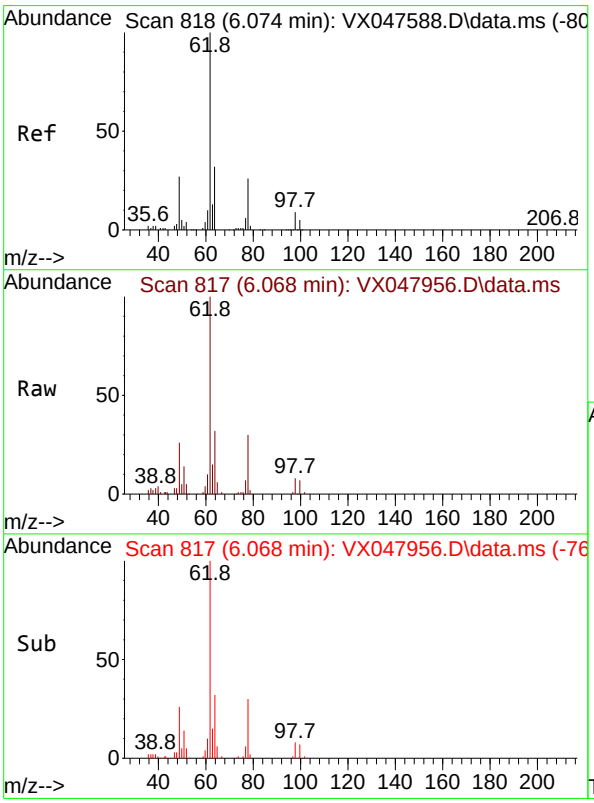
#41
Methacrylonitrile
Concen: 15.840 ug/l
RT: 4.897 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion: 41 Resp: 22059

Ion	Ratio	Lower	Upper
41	100		
39	56.2	43.3	64.9
67	74.0	58.6	87.8
52	29.1	26.0	39.0

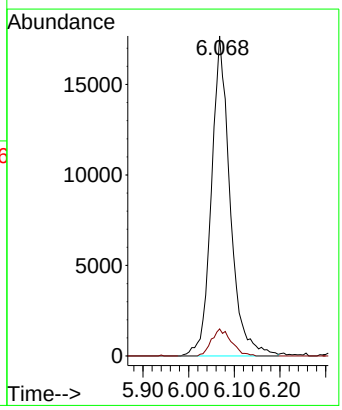


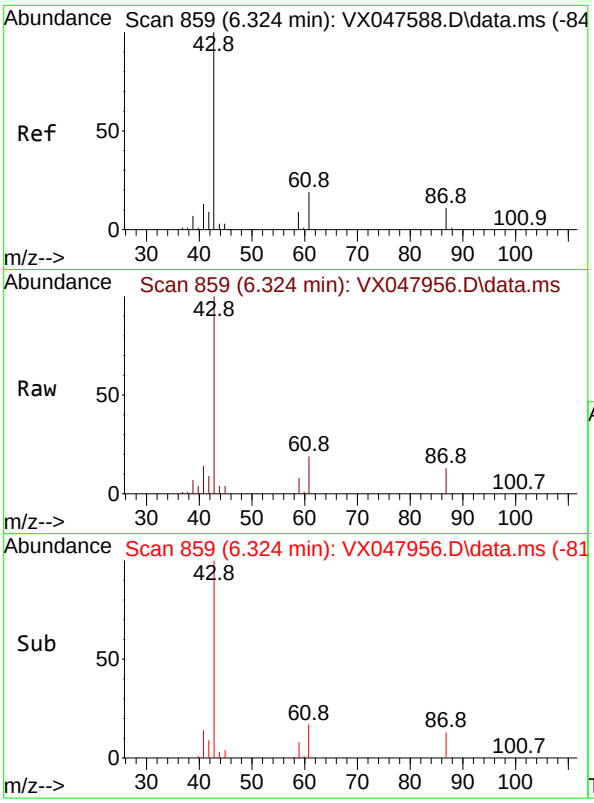


#42
1,2-Dichloroethane
Concen: 17.256 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 62 Resp: 50241

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.0



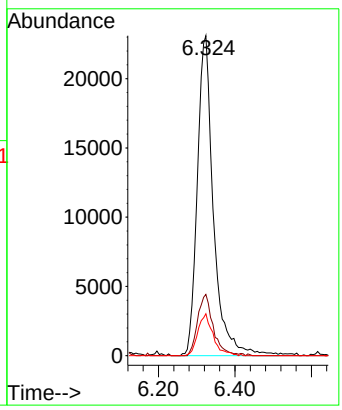


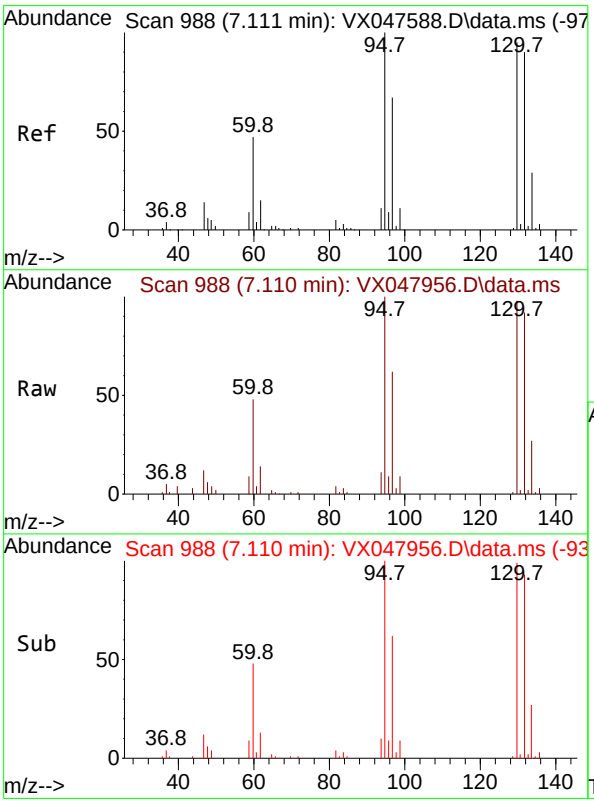
#43
Isopropyl Acetate
Concen: 15.311 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion: 43 Resp: 67737

Ion	Ratio	Lower	Upper
43	100		
61	18.6	15.2	22.8
87	12.4	9.6	14.4

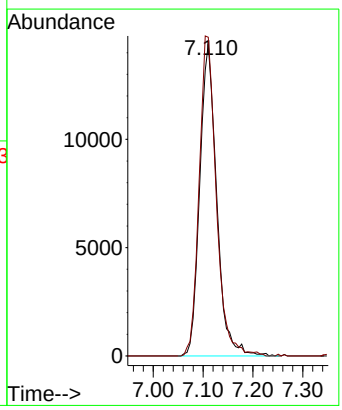


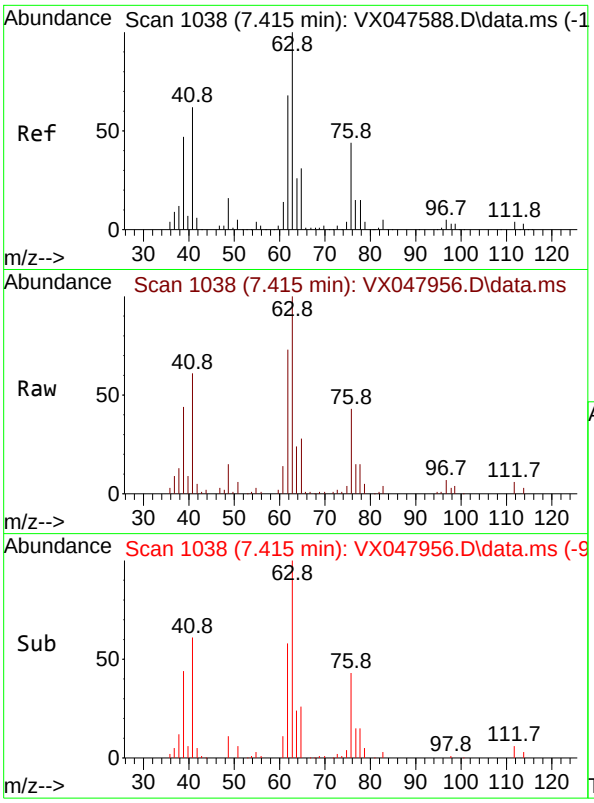


#44
Trichloroethene
Concen: 18.330 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:130 Resp: 33910

Ion	Ratio	Lower	Upper
130	100		
95	102.2	0.0	210.8



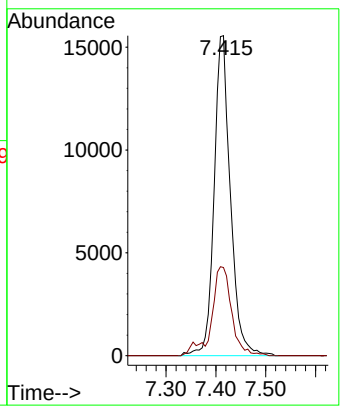


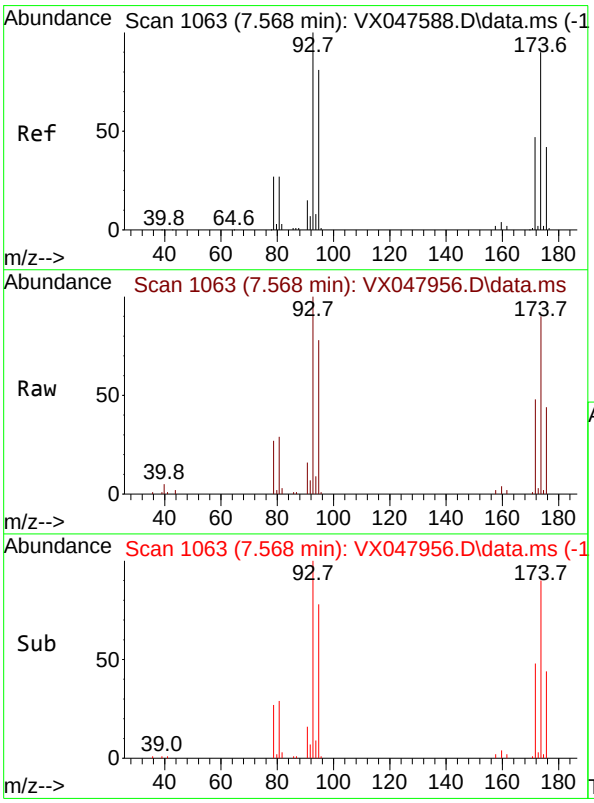
#45
1,2-Dichloropropane
Concen: 18.021 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion: 63 Resp: 35310

Ion	Ratio	Lower	Upper
63	100		
65	27.5	24.7	37.1

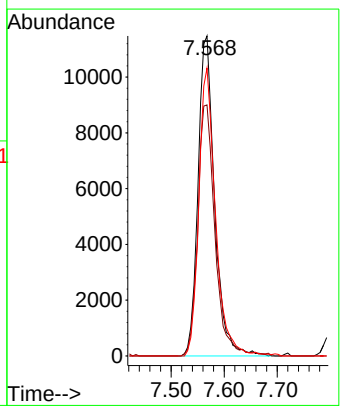


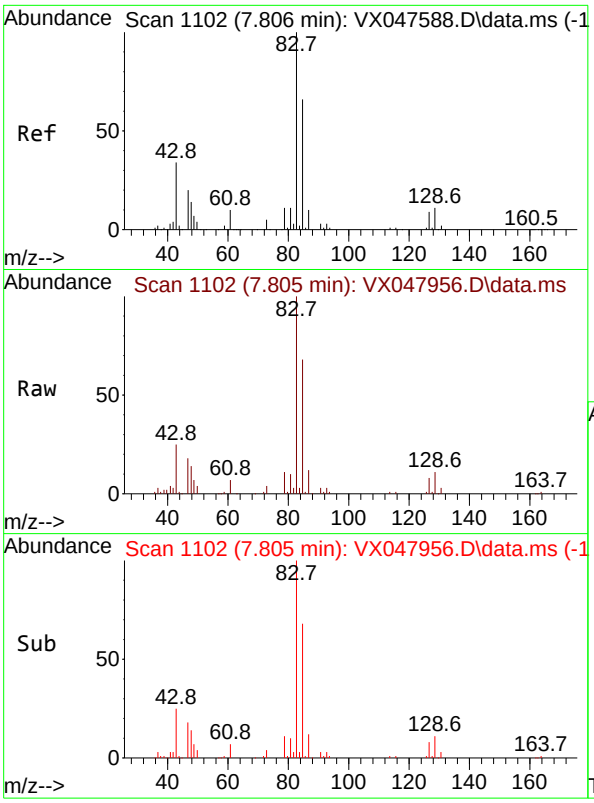


#46
Dibromomethane
Concen: 17.478 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 93 Resp: 24921

Ion	Ratio	Lower	Upper
93	100		
95	81.6	65.0	97.6
174	90.6	71.6	107.4



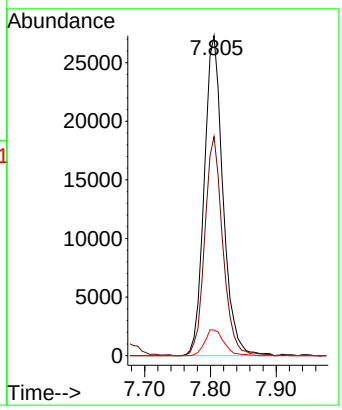


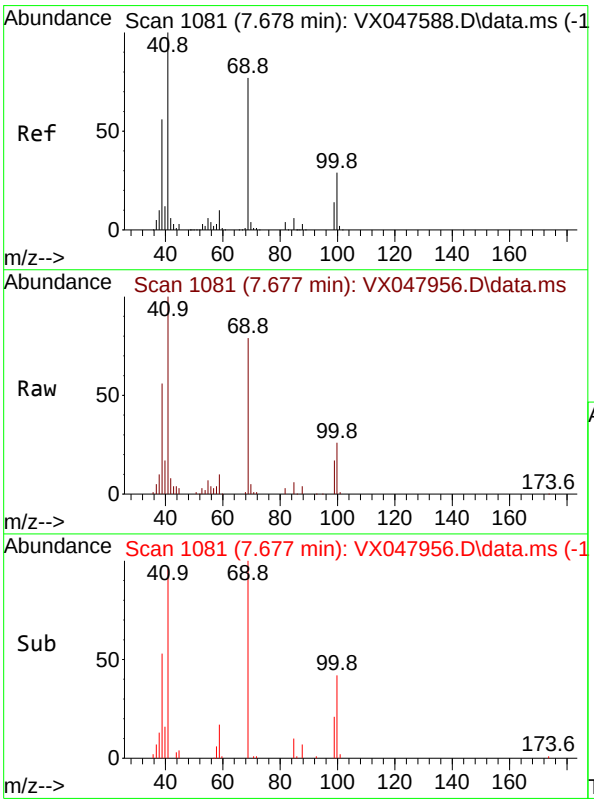
#47
Bromodichloromethane
Concen: 18.362 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion: 83 Resp: 54027

Ion	Ratio	Lower	Upper
83	100		
85	69.6	52.5	78.7
127	8.0	6.9	10.3

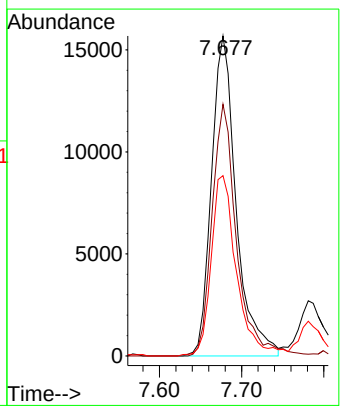


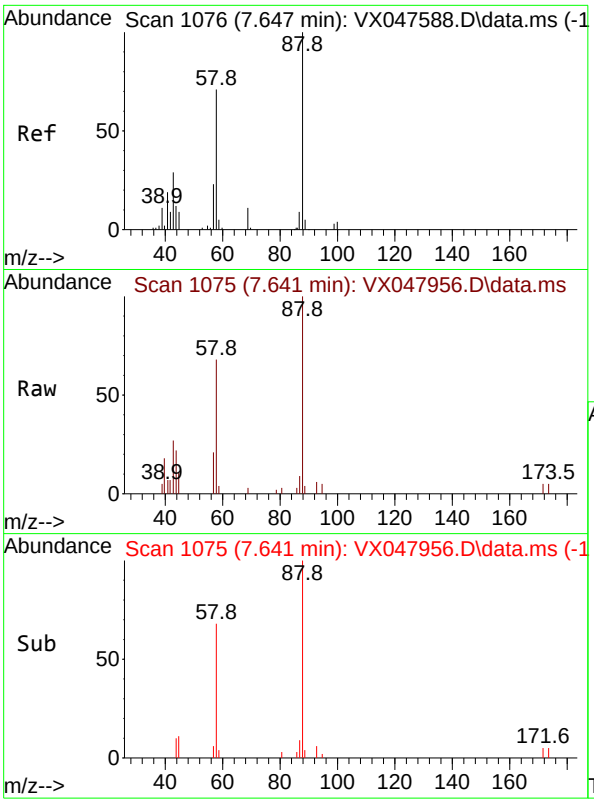


#48
Methyl methacrylate
Concen: 14.858 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 41 Resp: 32743

Ion	Ratio	Lower	Upper
41	100		
69	78.0	61.4	92.2
39	58.0	45.8	68.6



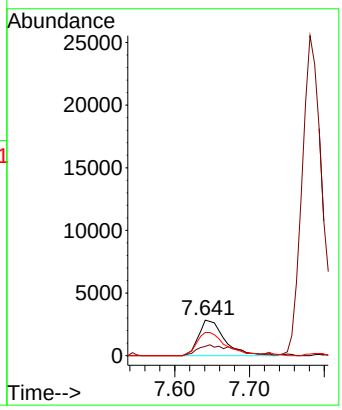


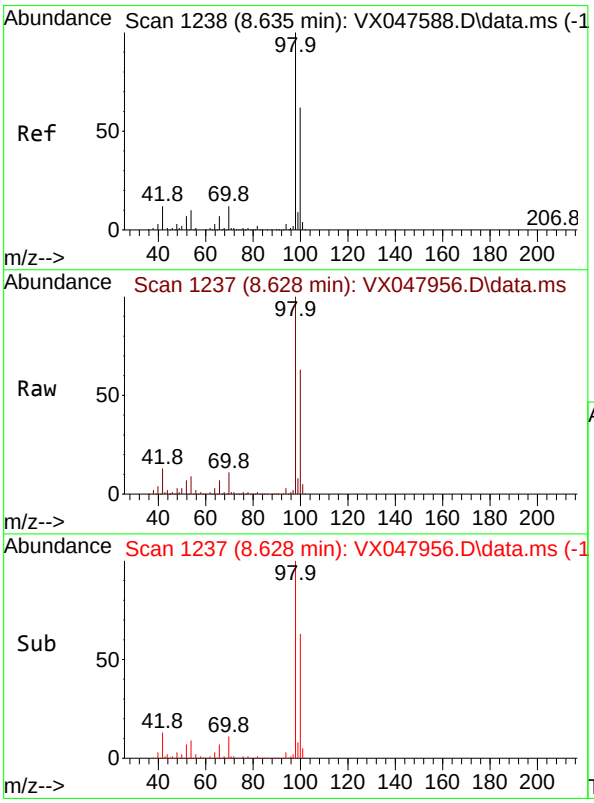
#49
1,4-Dioxane
Concen: 310.454 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion: 88 Resp: 6914

Ion	Ratio	Lower	Upper
88	100		
43	43.6	30.2	45.2
58	71.0	59.5	89.3

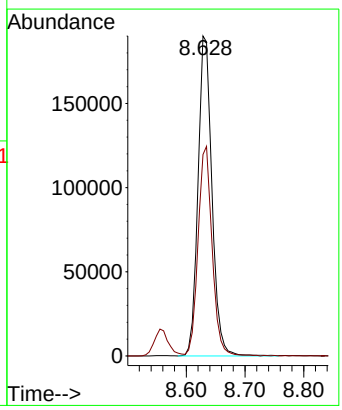


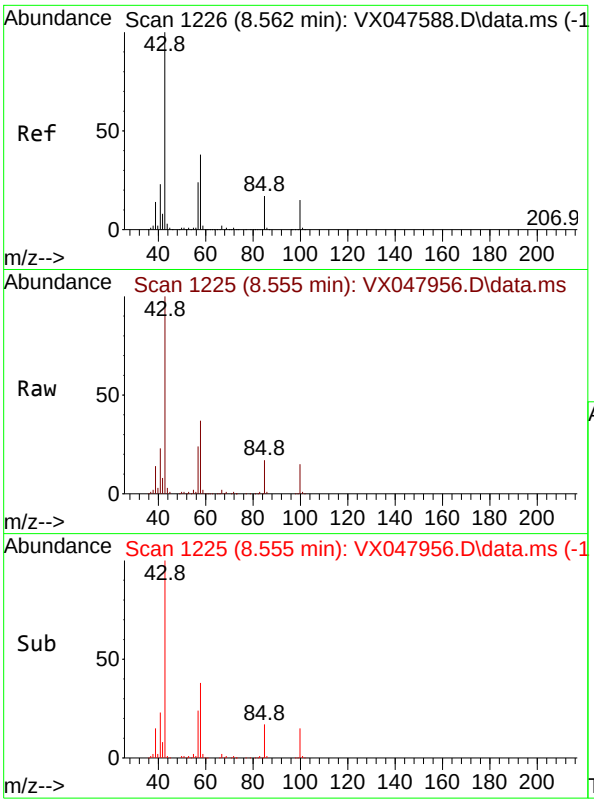


#50
Toluene-d8
Concen: 52.484 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 98 Resp: 313110

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.4



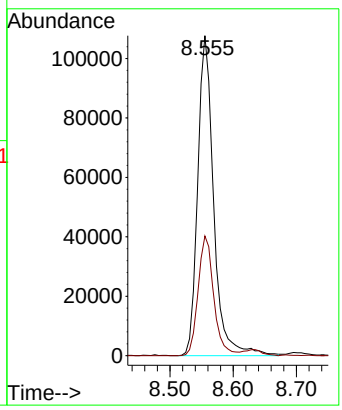


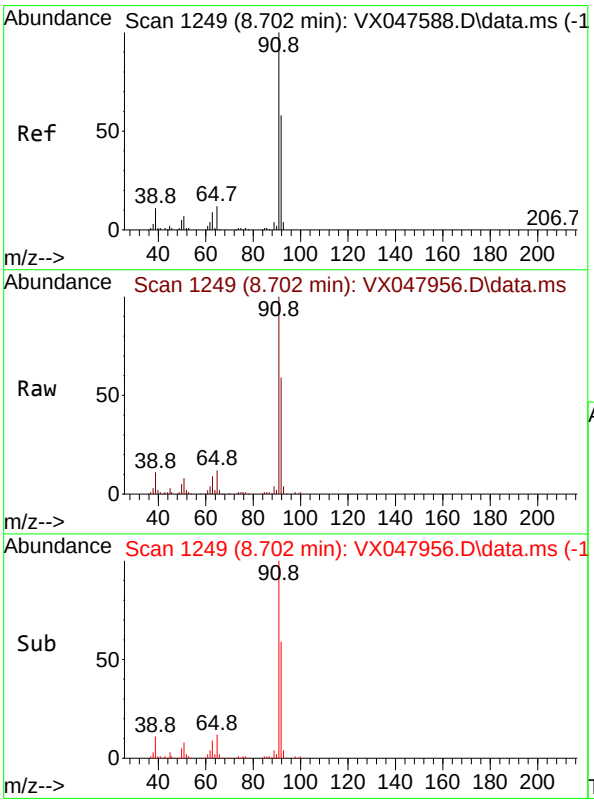
#51
4-Methyl-2-Pentanone
Concen: 77.343 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion: 43 Resp: 189715

Ion	Ratio	Lower	Upper
43	100		
58	36.6	30.3	45.5

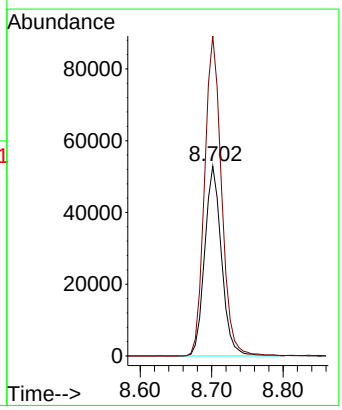


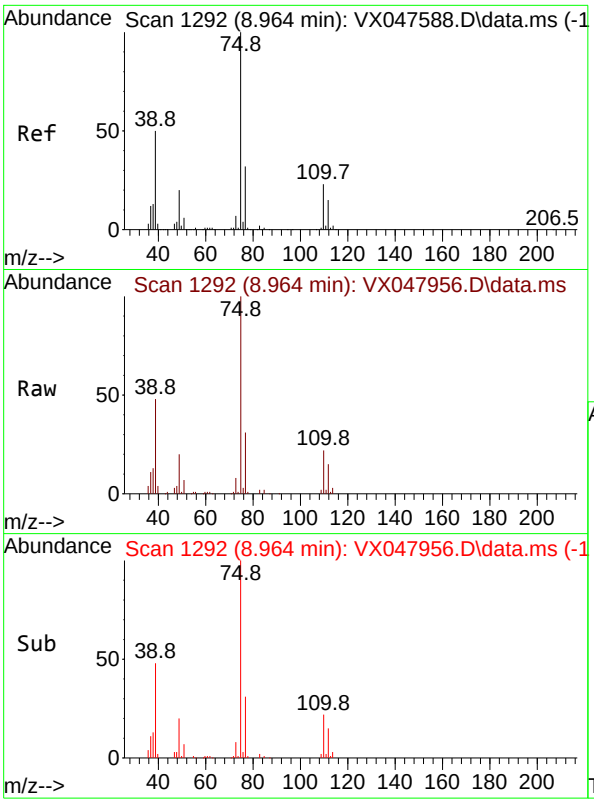


#52
Toluene
Concen: 18.336 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 92 Resp: 86444

Ion	Ratio	Lower	Upper
92	100		
91	169.7	137.1	205.7



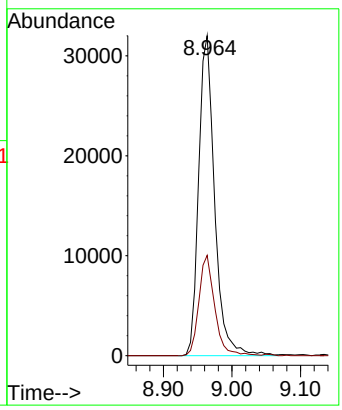


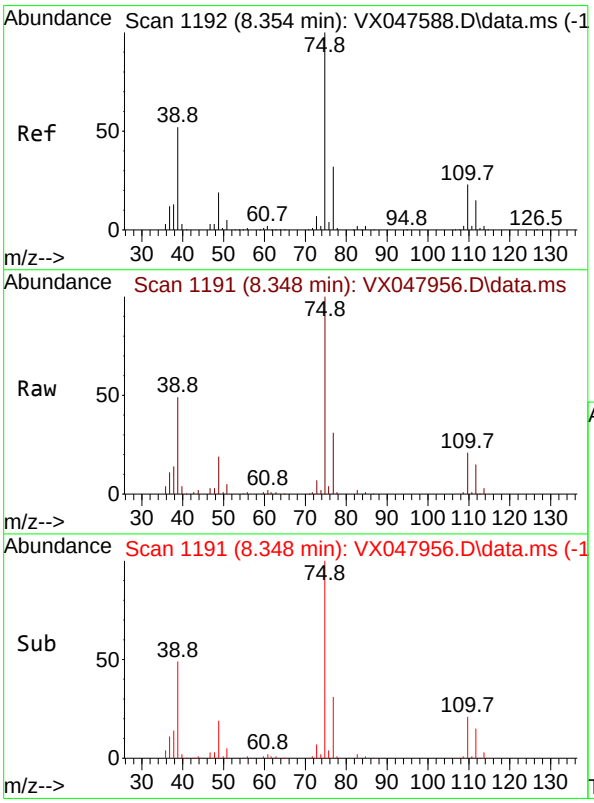
#53
t-1,3-Dichloropropene
Concen: 17.309 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion: 75 Resp: 51947

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.4	38.2

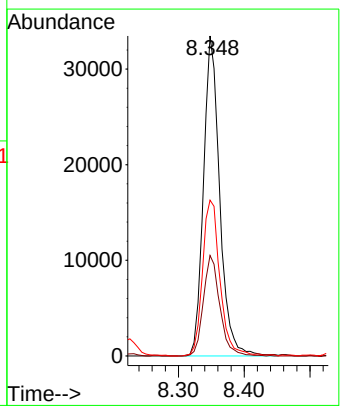


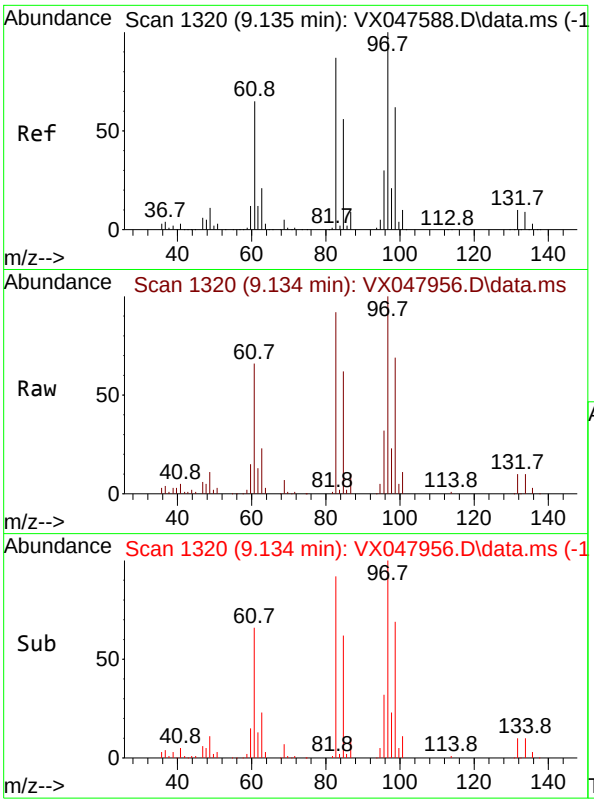


#54
cis-1,3-Dichloropropene
Concen: 17.944 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 75 Resp: 57562

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.8	38.6
39	48.7	41.4	62.2



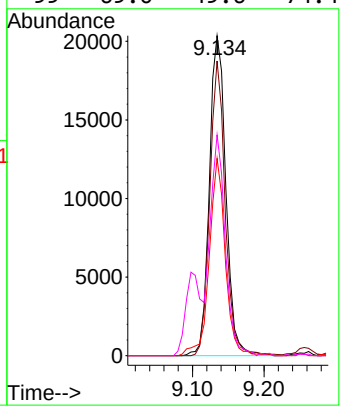


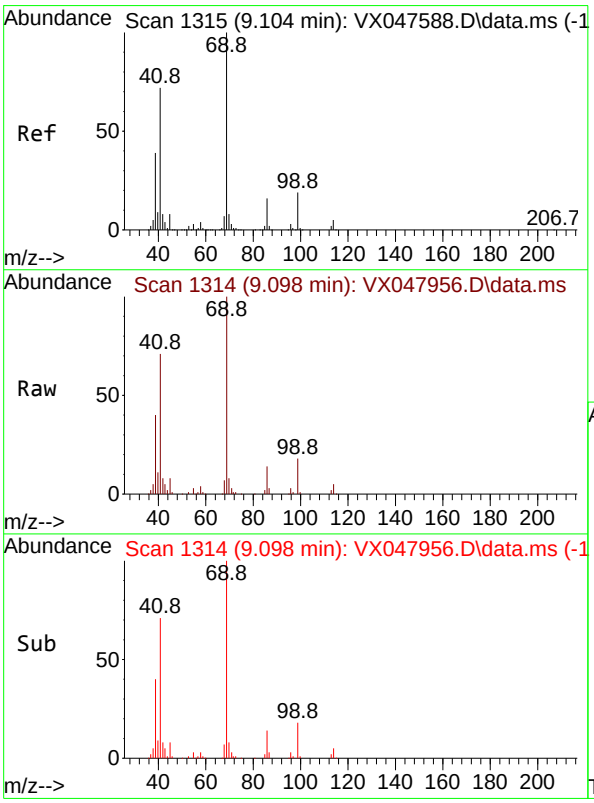
#55
1,1,2-Trichloroethane
Concen: 17.965 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion: 97 Resp: 32657

Ion	Ratio	Lower	Upper
97	100		
83	92.1	69.6	104.4
85	64.0	45.0	67.6
99	69.0	49.6	74.4

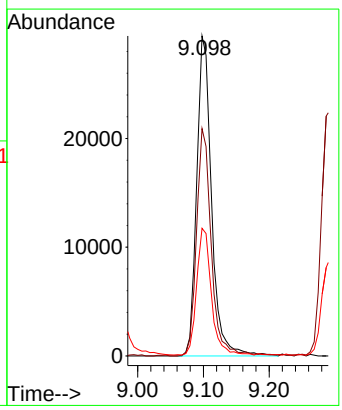


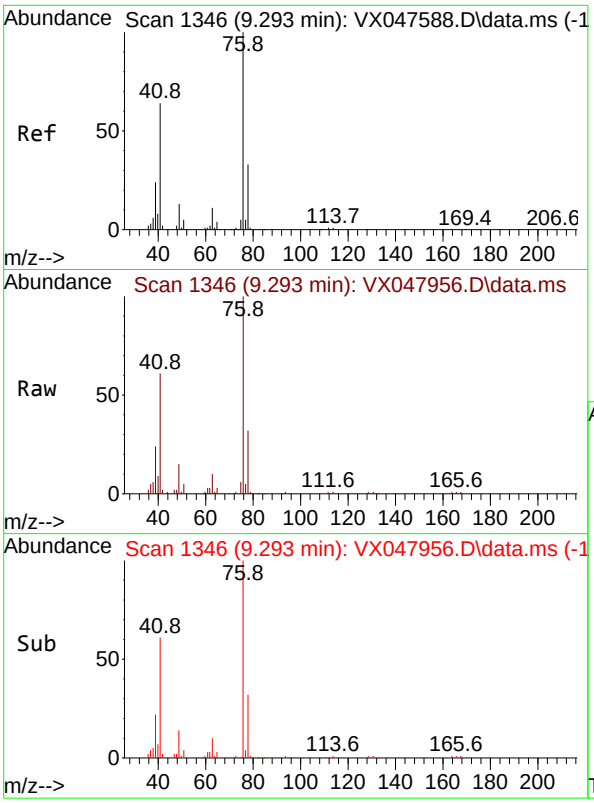


#56
Ethyl methacrylate
Concen: 16.117 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 69 Resp: 46012

Ion	Ratio	Lower	Upper
69	100		
41	70.8	58.6	87.8
39	39.4	31.5	47.3



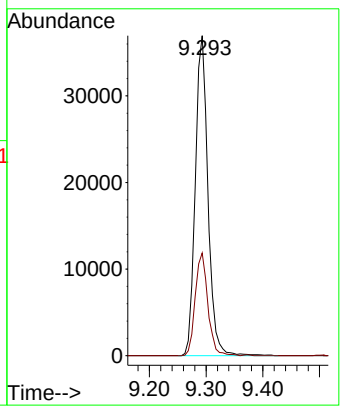


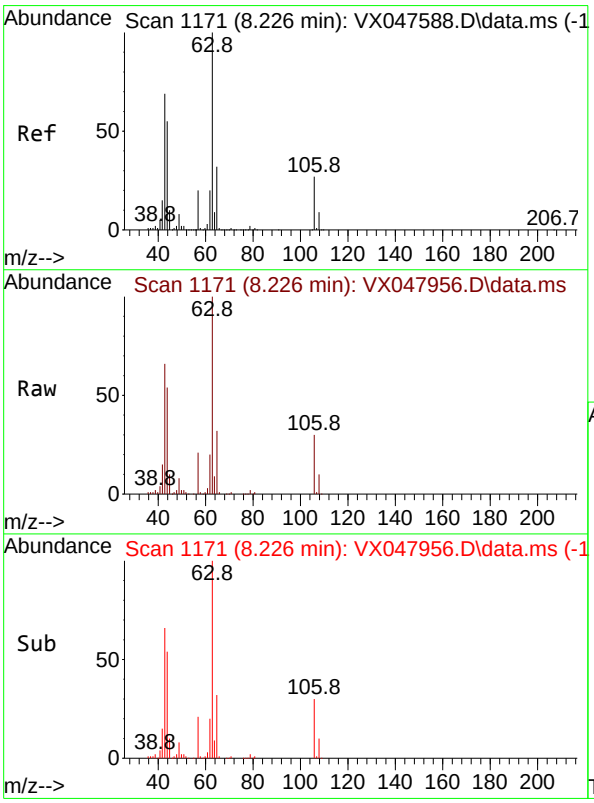
#57
1,3-Dichloropropane
Concen: 18.337 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion: 76 Resp: 57260

Ion	Ratio	Lower	Upper
76	100		
78	32.0	26.2	39.4

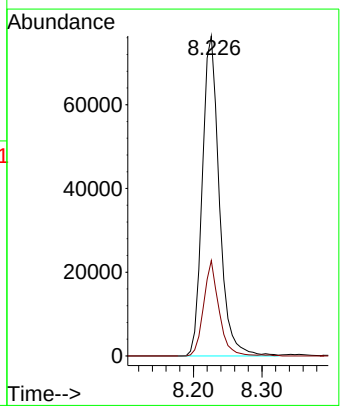


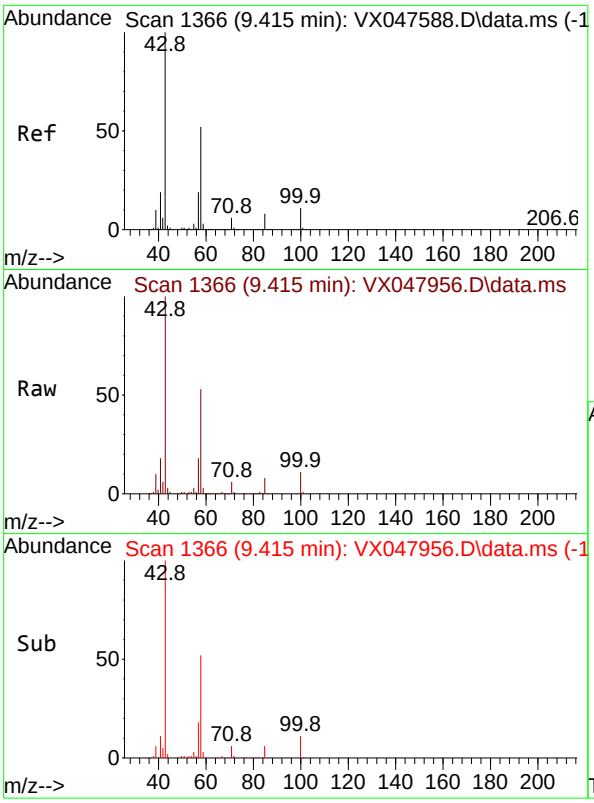


#58
2-Chloroethyl Vinyl ether
Concen: 103.744 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 63 Resp: 131962

Ion	Ratio	Lower	Upper
63	100		
106	26.9	21.9	32.9



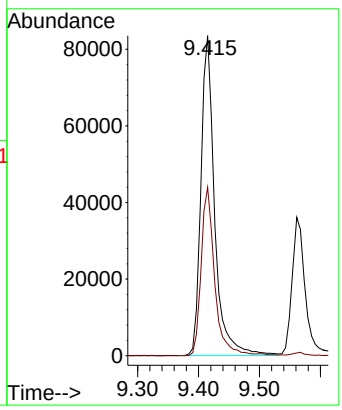


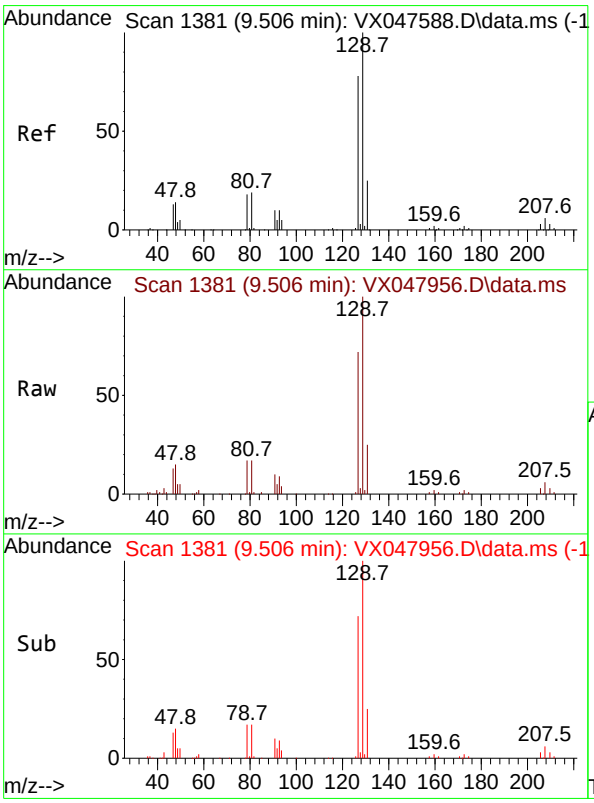
#59
2-Hexanone
Concen: 74.228 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion: 43 Resp: 130767

Ion	Ratio	Lower	Upper
43	100		
58	52.2	26.1	78.2

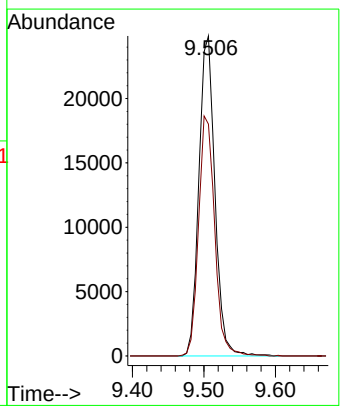


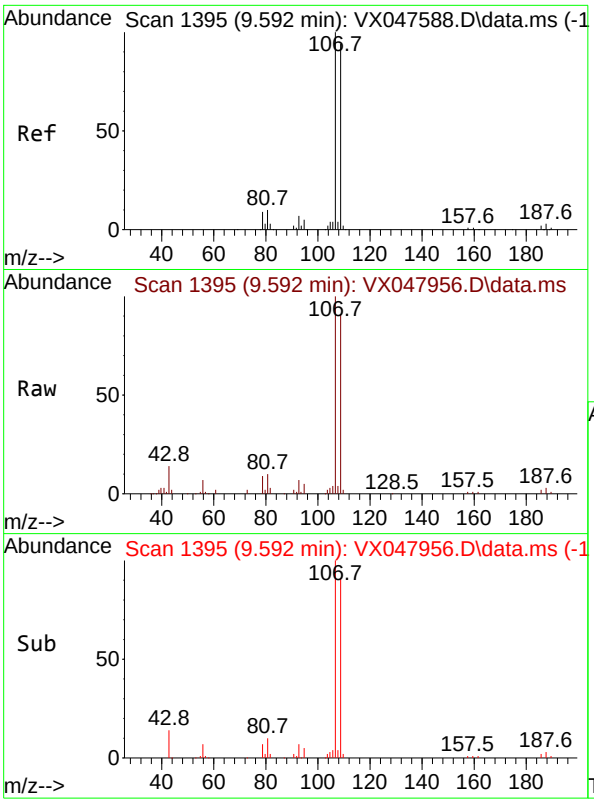


#60
Dibromochloromethane
Concen: 18.433 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:129 Resp: 38609

Ion	Ratio	Lower	Upper
129	100		
127	75.8	38.4	115.2



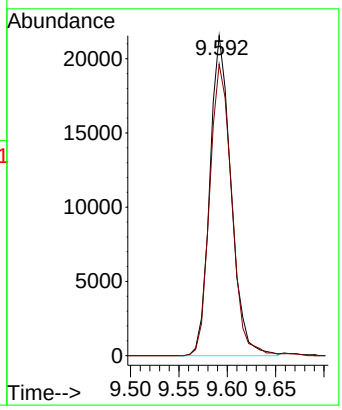


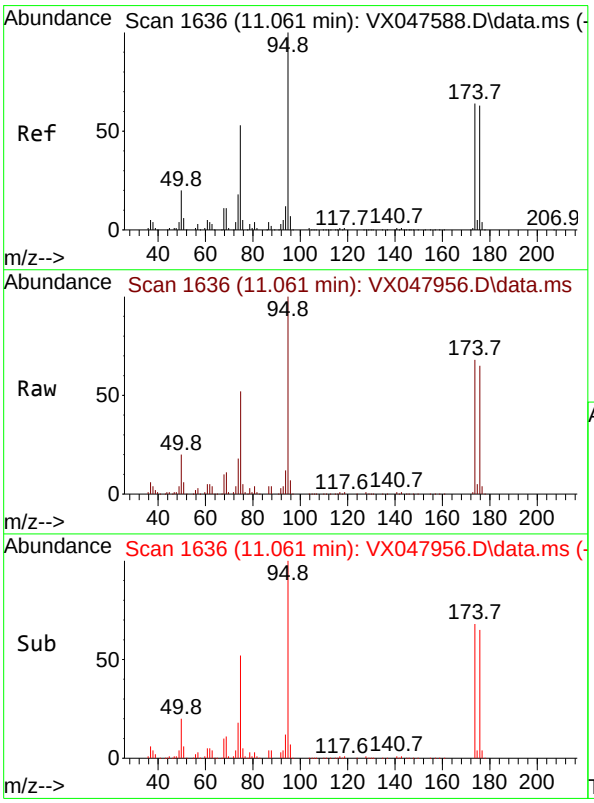
#61
1,2-Dibromoethane
Concen: 17.737 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion:107 Resp: 32840

Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.3	112.9

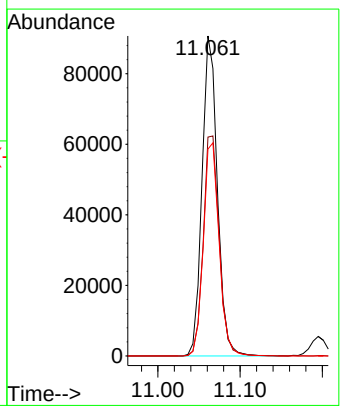


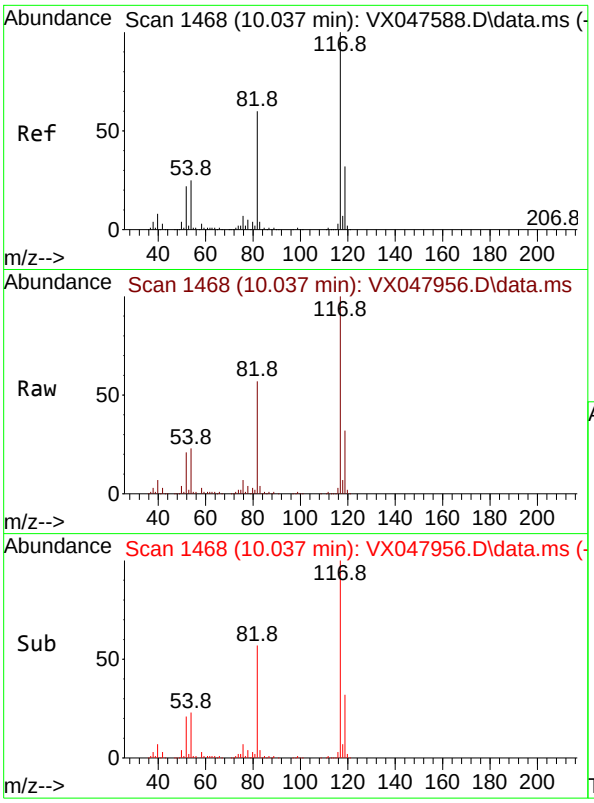


#62
4-Bromofluorobenzene
Concen: 52.019 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 95 Resp: 117778

Ion	Ratio	Lower	Upper
95	100		
174	71.5	0.0	141.6
176	68.5	0.0	138.4



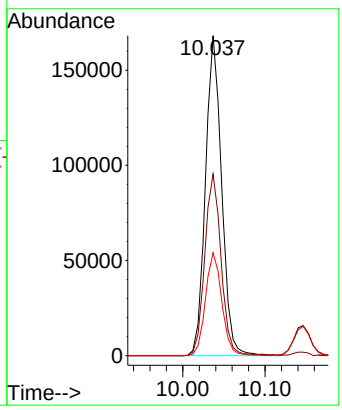


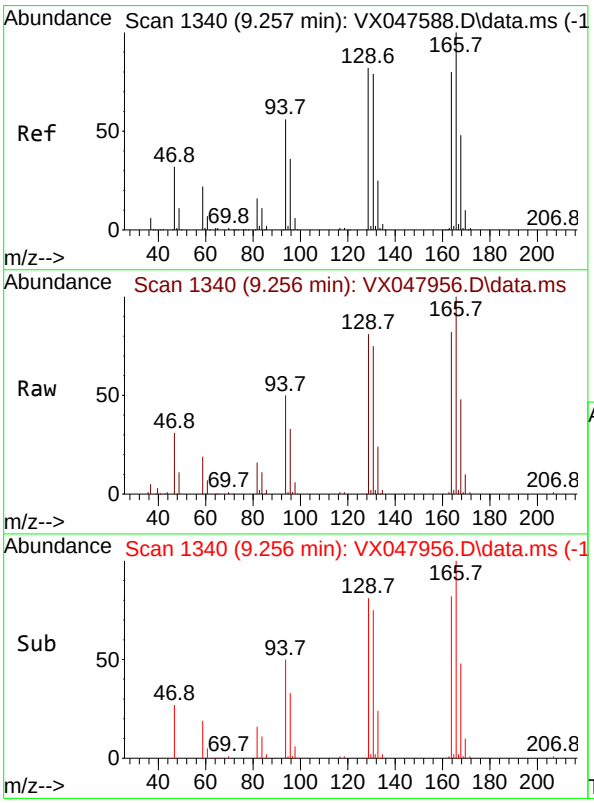
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion:117 Resp: 229930

Ion	Ratio	Lower	Upper
117	100		
82	56.7	47.8	71.6
119	32.1	25.2	37.8

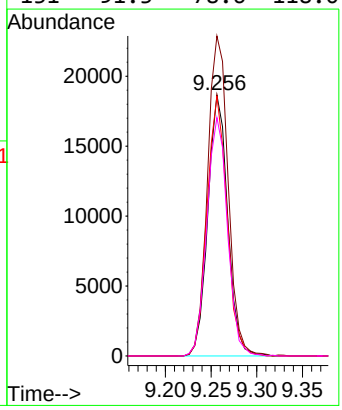


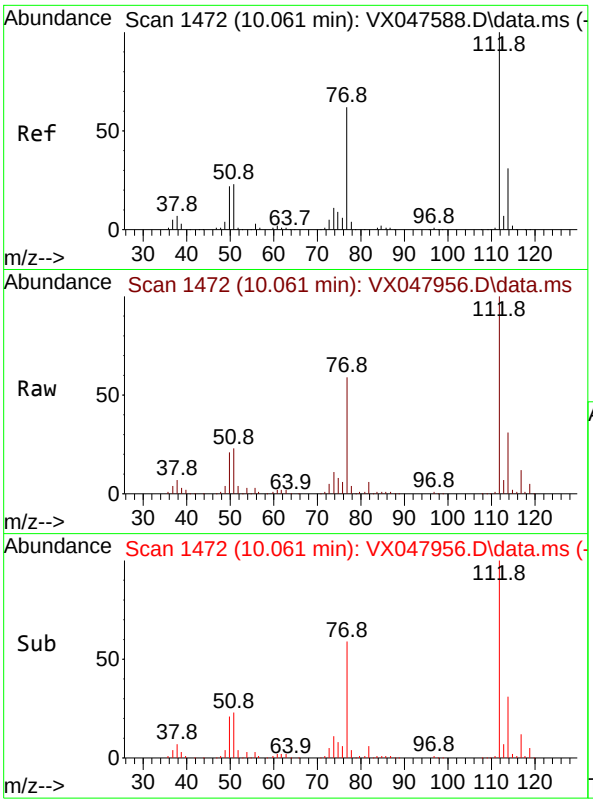


#64
Tetrachloroethene
Concen: 18.793 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:164 Resp: 28169

Ion	Ratio	Lower	Upper
164	100		
166	122.6	100.2	150.2
129	99.6	81.8	122.6
131	91.3	78.6	118.0



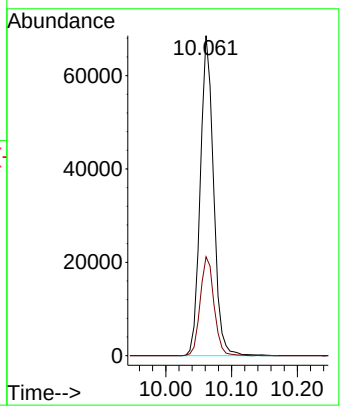


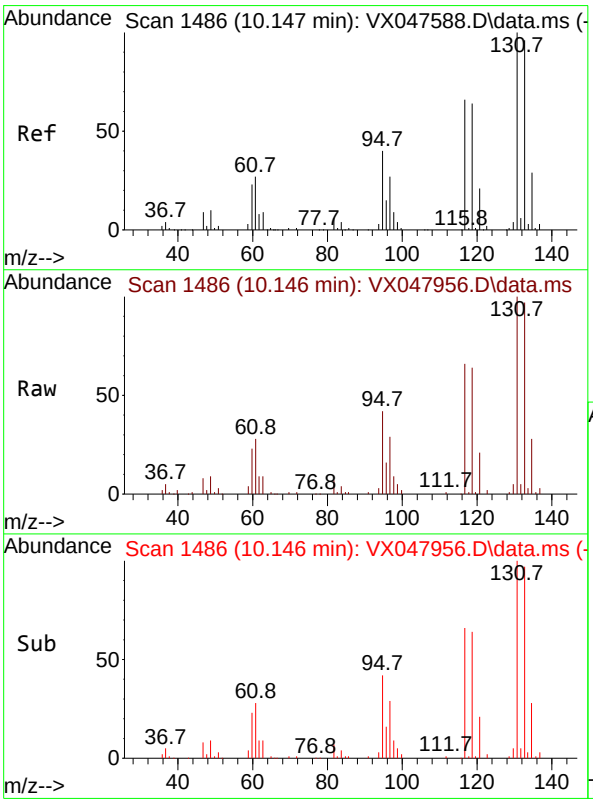
#65
Chlorobenzene
Concen: 18.434 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion:112 Resp: 96292

Ion	Ratio	Lower	Upper
112	100		
114	30.9	25.1	37.7

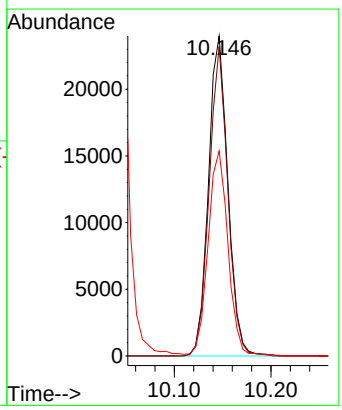


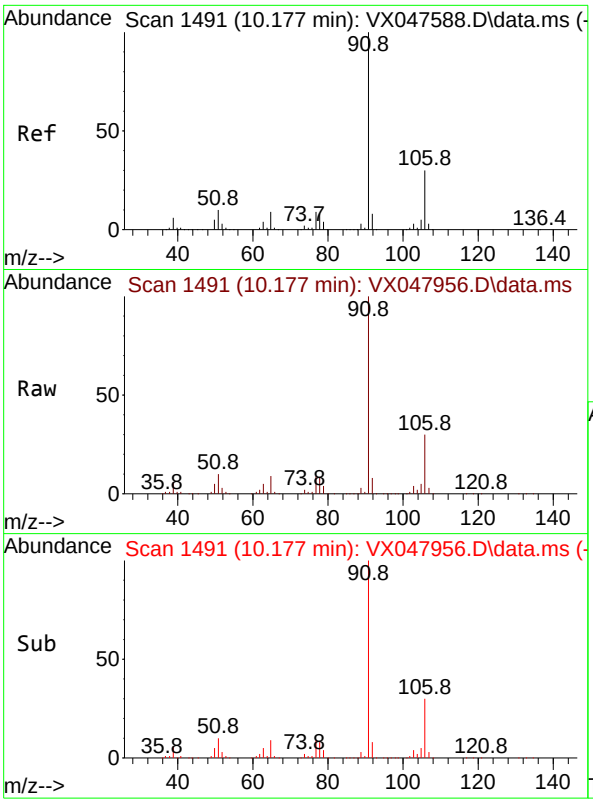


#66
1,1,1,2-Tetrachloroethane
Concen: 18.576 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:131 Resp: 33483

Ion	Ratio	Lower	Upper
131	100		
133	93.4	47.3	142.0
119	66.0	32.0	96.0



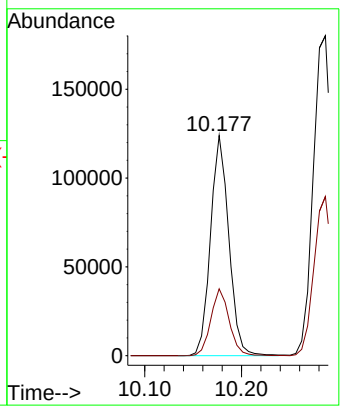


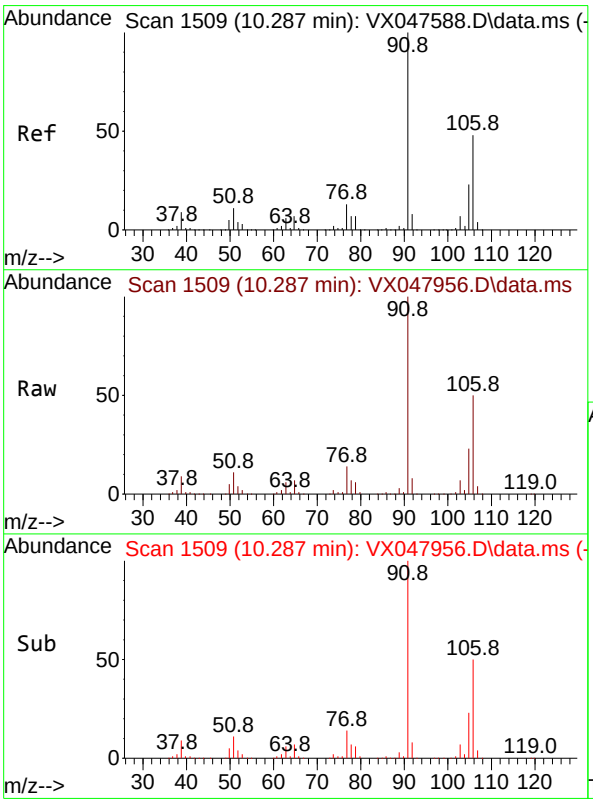
#67
Ethyl Benzene
Concen: 18.109 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion: 91 Resp: 163214

Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.3	36.5

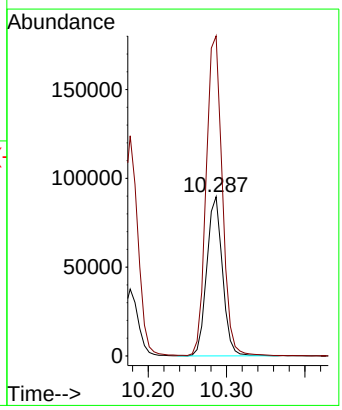


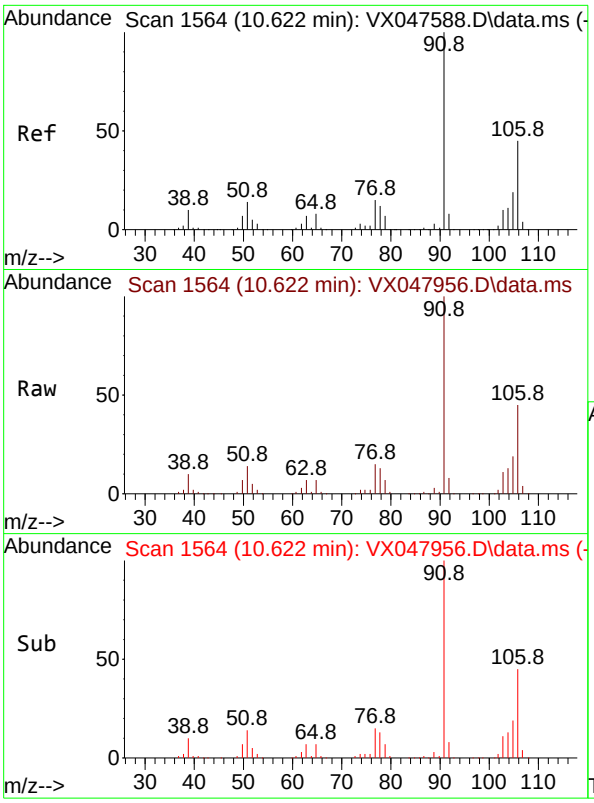


#68
m/p-Xylenes
Concen: 37.054 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:106 Resp: 124303

Ion	Ratio	Lower	Upper
106	100		
91	207.5	167.8	251.8



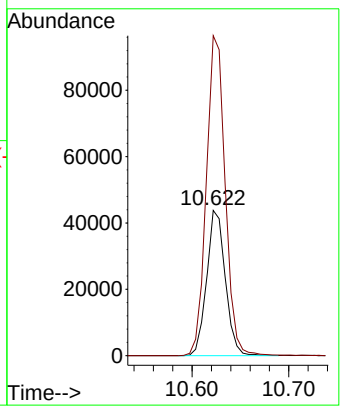


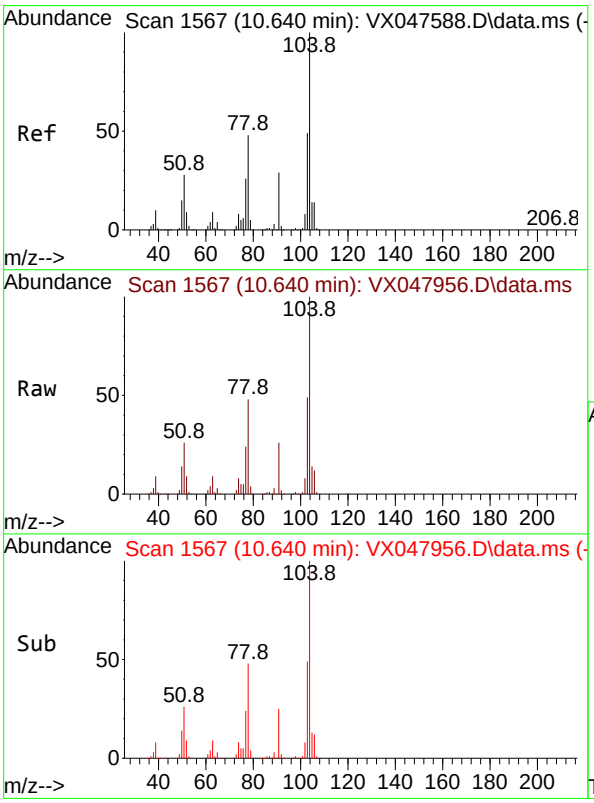
#69
o-Xylene
Concen: 18.091 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion:106 Resp: 58700

Ion	Ratio	Lower	Upper
106	100		
91	223.5	111.1	333.4

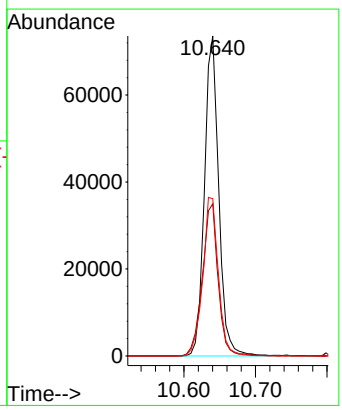


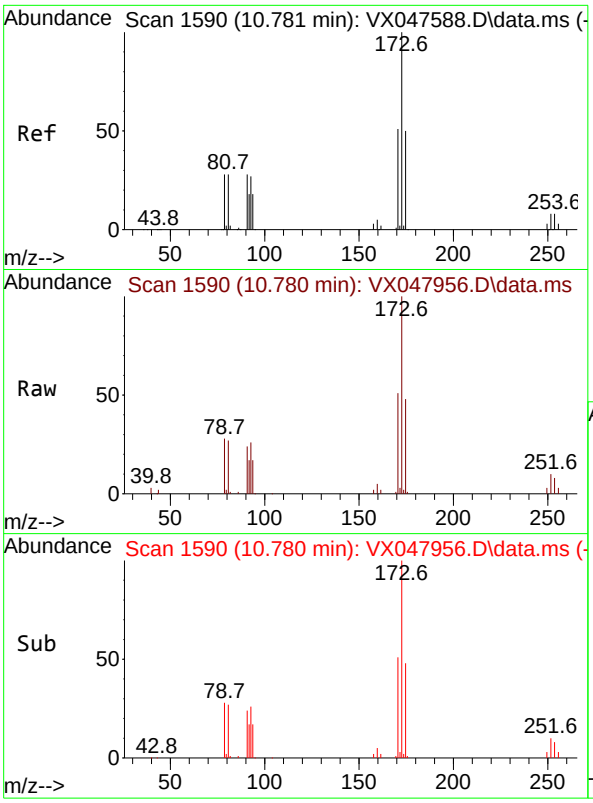


#70
Styrene
Concen: 17.967 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:104 Resp: 102151

Ion	Ratio	Lower	Upper
104	100		
78	52.7	43.1	64.7
103	54.0	43.1	64.7



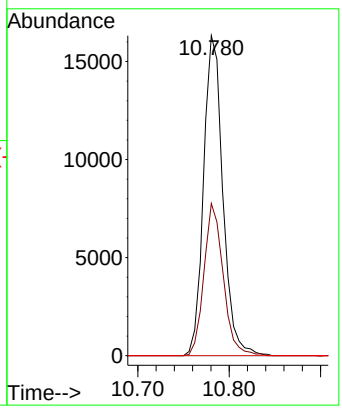


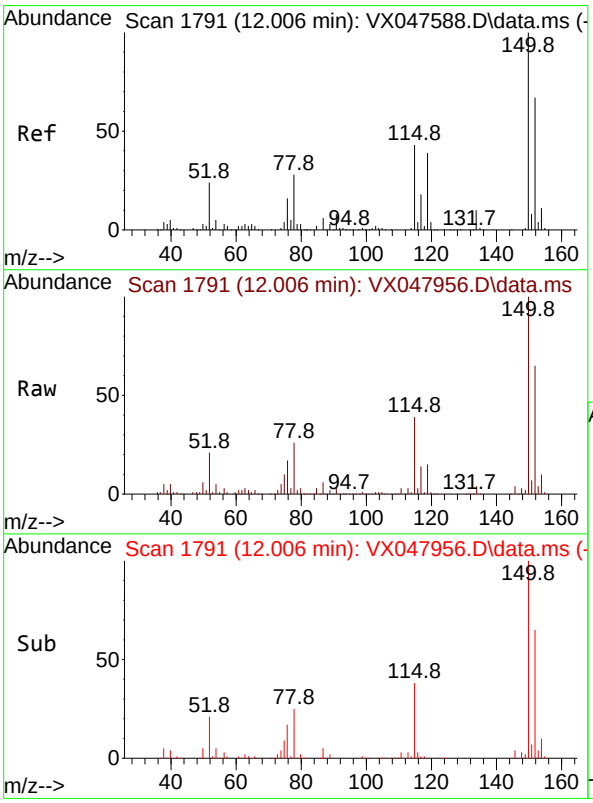
#71
Bromoform
Concen: 17.797 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion:173 Resp: 23953

Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.9	74.6
254	0.0	0.1	0.1#

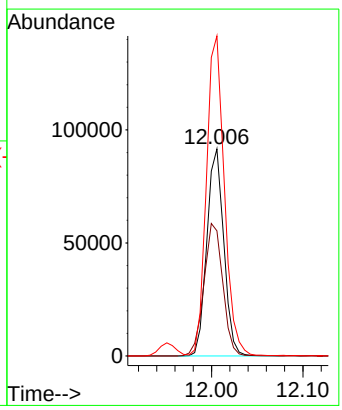


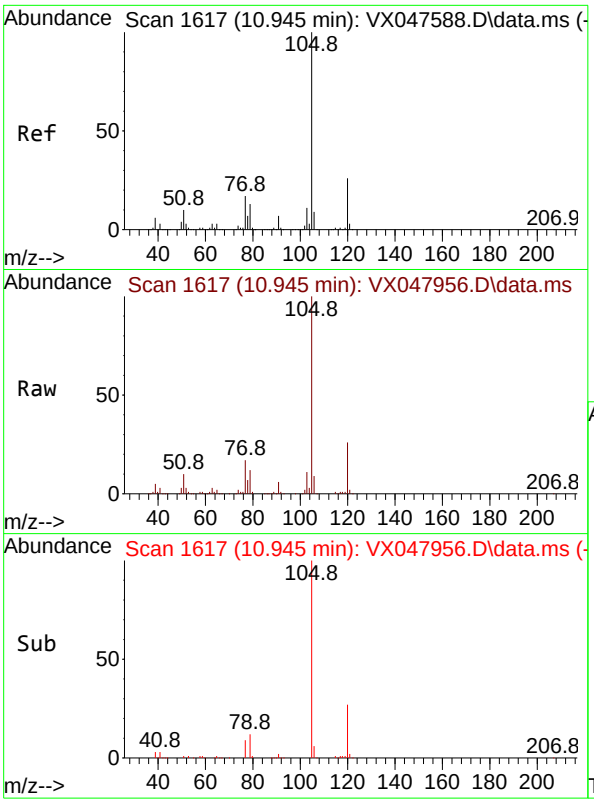


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:152 Resp: 117908

Ion	Ratio	Lower	Upper
152	100		
115	71.0	44.9	134.5
150	162.6	0.0	352.0



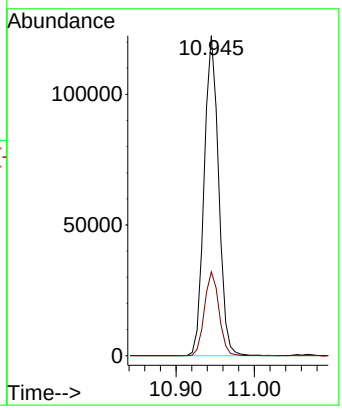


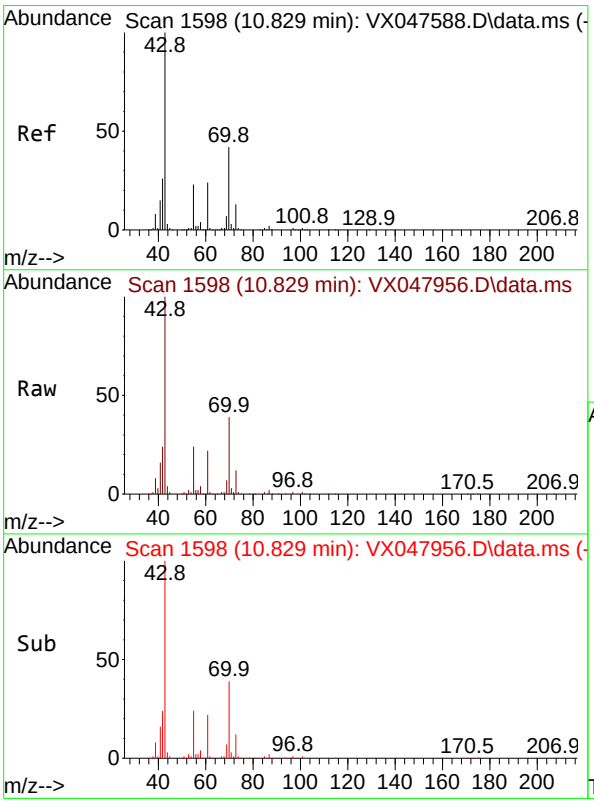
#73
Isopropylbenzene
Concen: 17.458 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion:105 Resp: 156497

Ion	Ratio	Lower	Upper
105	100		
120	26.3	12.8	38.4

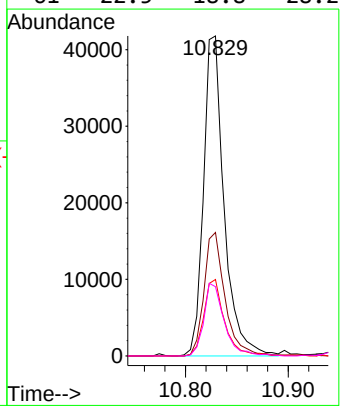


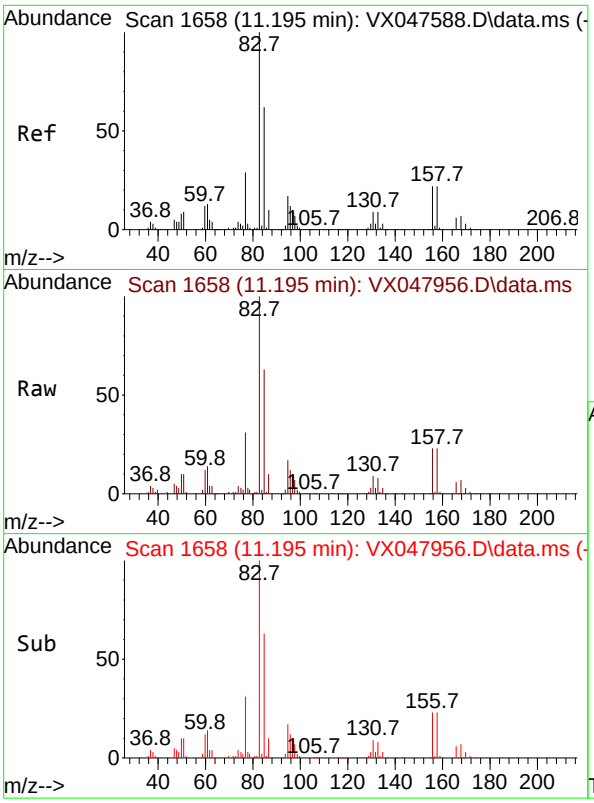


#74
N-amyl acetate
Concen: 14.262 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 43 Resp: 58298

Ion	Ratio	Lower	Upper
43	100		
70	39.7	32.0	48.0
55	24.1	18.9	28.3
61	22.5	18.8	28.2



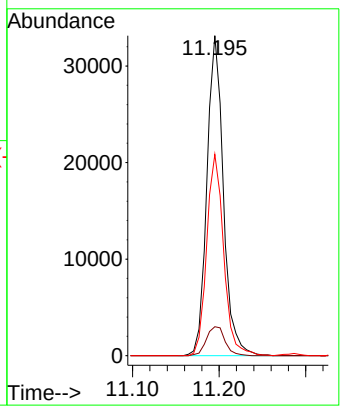


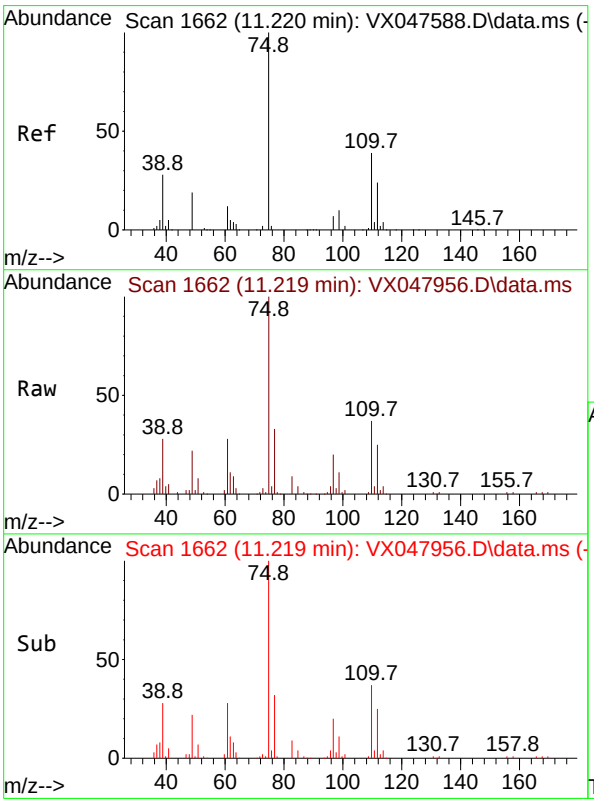
#75
1,1,2,2-Tetrachloroethane
Concen: 16.144 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion: 83 Resp: 43785

Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.0	14.9
85	64.8	31.6	95.0

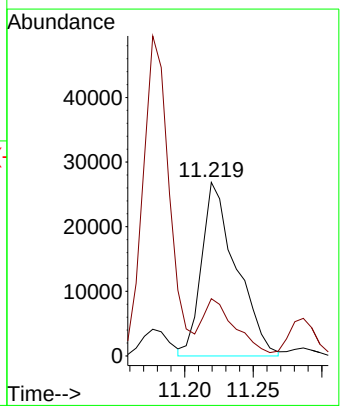


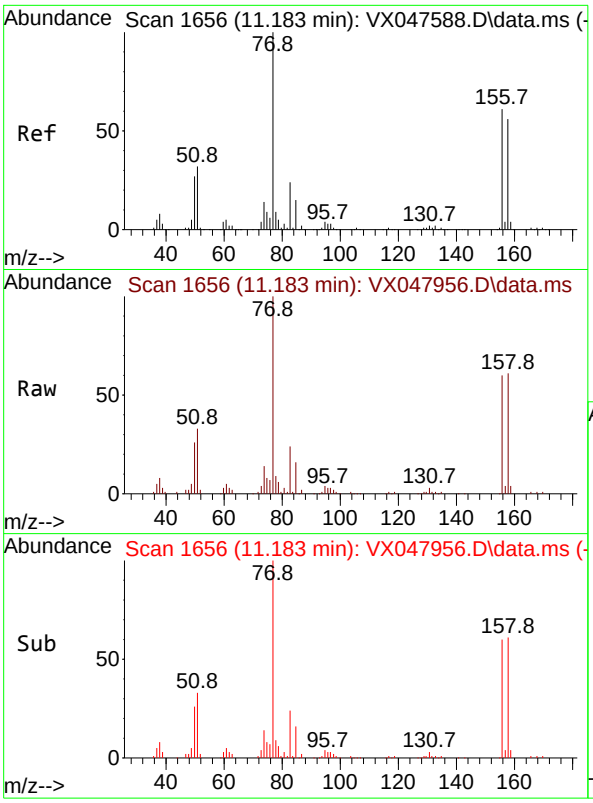


#76
1,2,3-Trichloropropane
Concen: 19.823 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 75 Resp: 47323

Ion	Ratio	Lower	Upper
75	100		
77	30.5	18.8	56.4



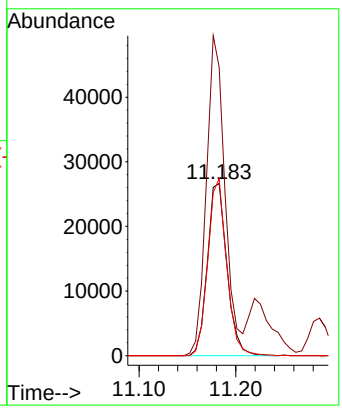


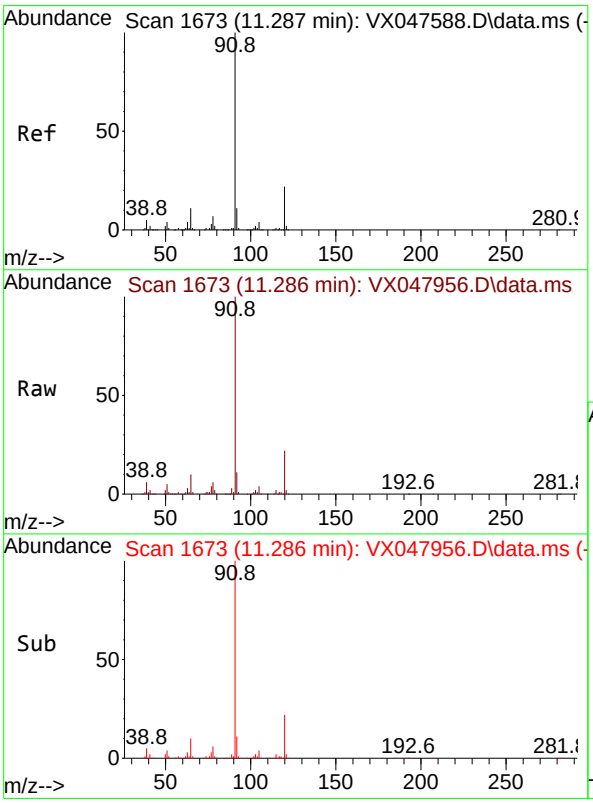
#77
Bromobenzene
Concen: 16.986 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion:156 Resp: 37501

Ion	Ratio	Lower	Upper
156	100		
77	176.9	89.7	269.1
158	98.6	47.9	143.6

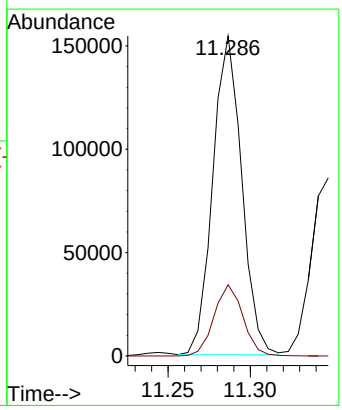


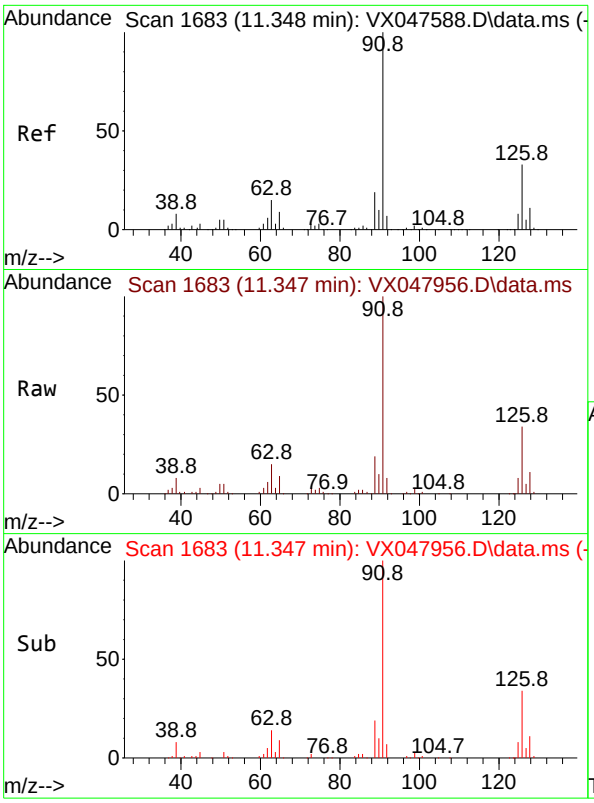


#78
n-propylbenzene
Concen: 17.738 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 91 Resp: 187964

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.1	33.1



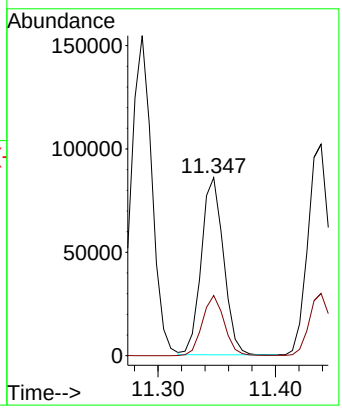


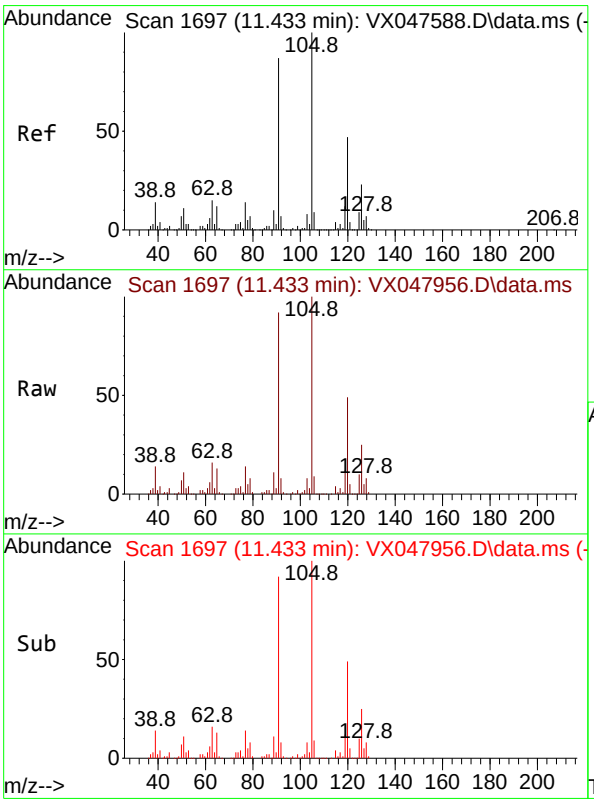
#79
2-Chlorotoluene
Concen: 17.394 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion: 91 Resp: 112894

Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.1	48.3

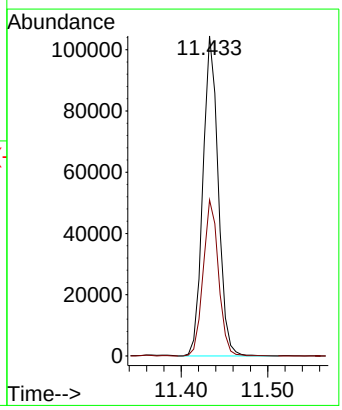


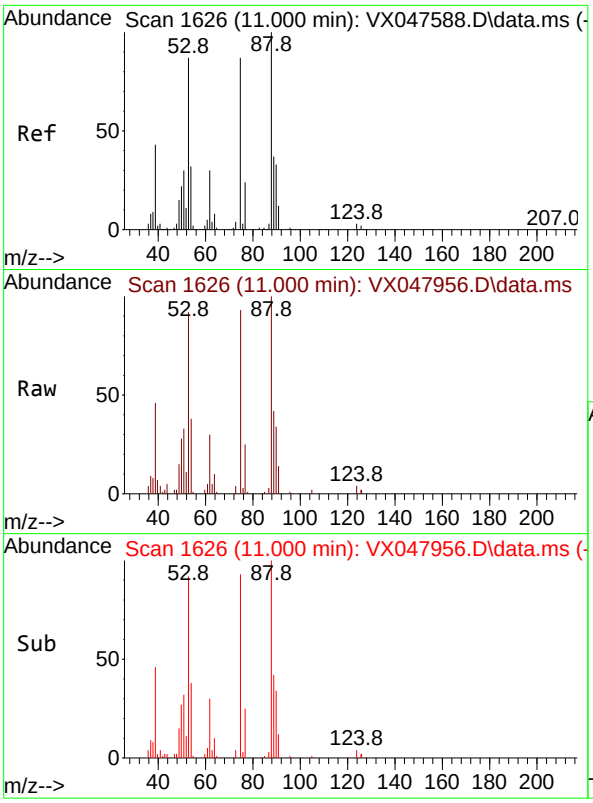


#80
1,3,5-Trimethylbenzene
Concen: 17.431 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:105 Resp: 128377

Ion	Ratio	Lower	Upper
105	100		
120	48.7	23.6	70.8



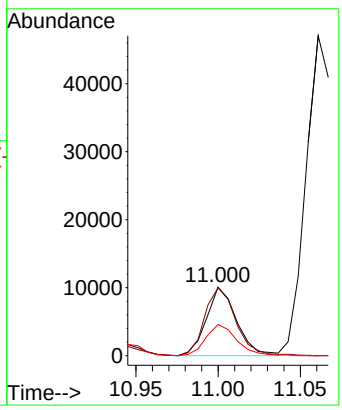


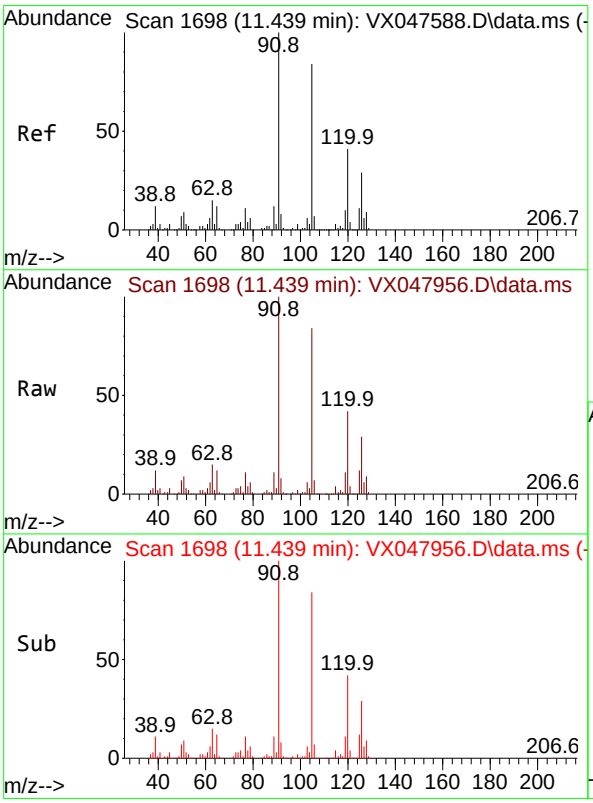
#81
trans-1,4-Dichloro-2-butene
Concen: 13.806 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion: 75 Resp: 12924

Ion	Ratio	Lower	Upper
75	100		
53	101.9	83.4	125.2
89	46.5	36.3	54.5

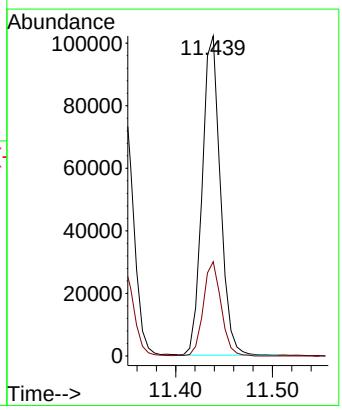


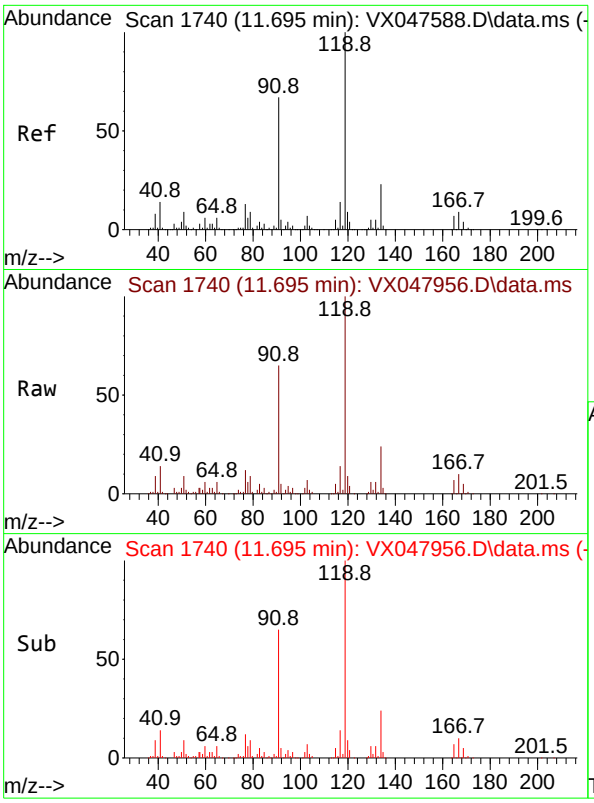


#82
4-Chlorotoluene
Concen: 17.402 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 91 Resp: 133391

Ion	Ratio	Lower	Upper
91	100		
126	28.9	14.2	42.6



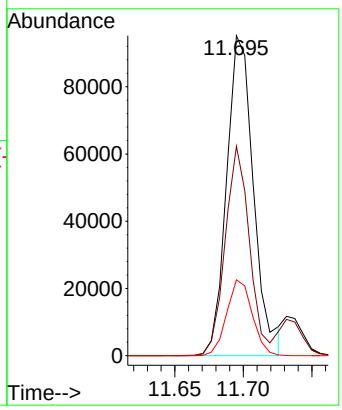


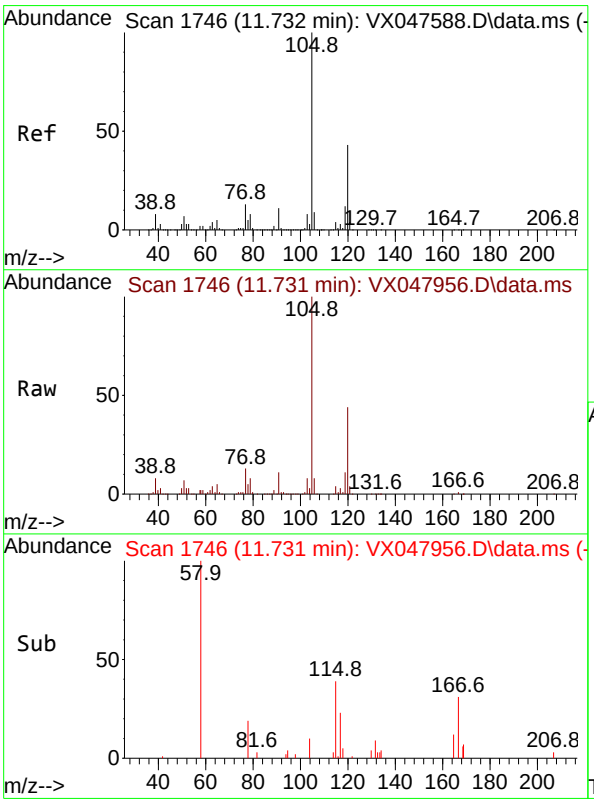
#83
tert-Butylbenzene
Concen: 17.282 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion:119 Resp: 130291

Ion	Ratio	Lower	Upper
119	100		
91	59.1	29.6	88.8
134	22.6	11.0	33.0

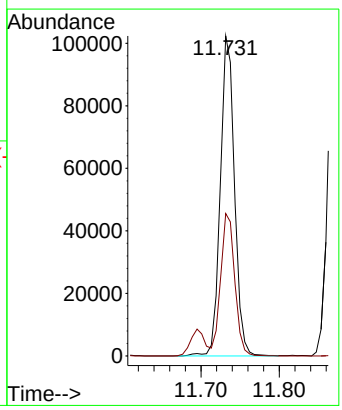


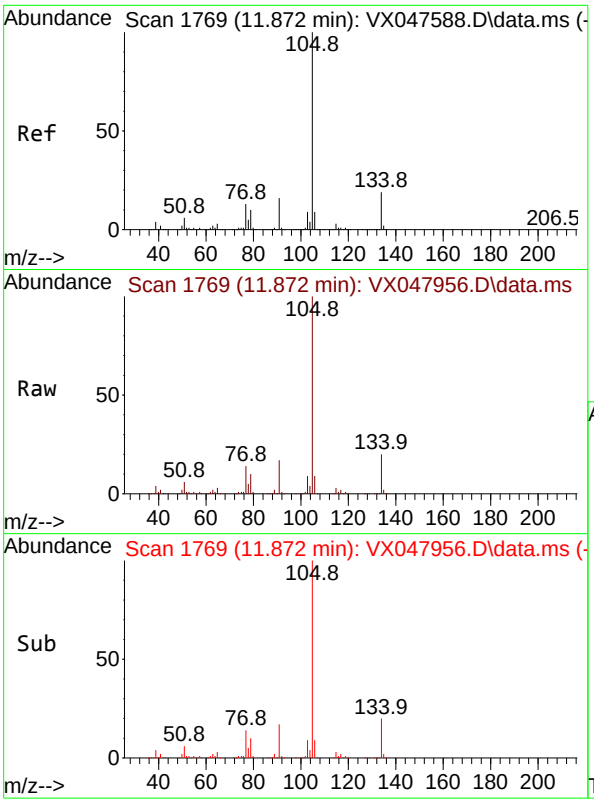


#84
1,2,4-Trimethylbenzene
Concen: 17.288 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:105 Resp: 129085

Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.1	66.1



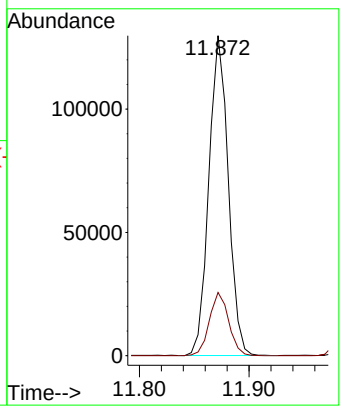


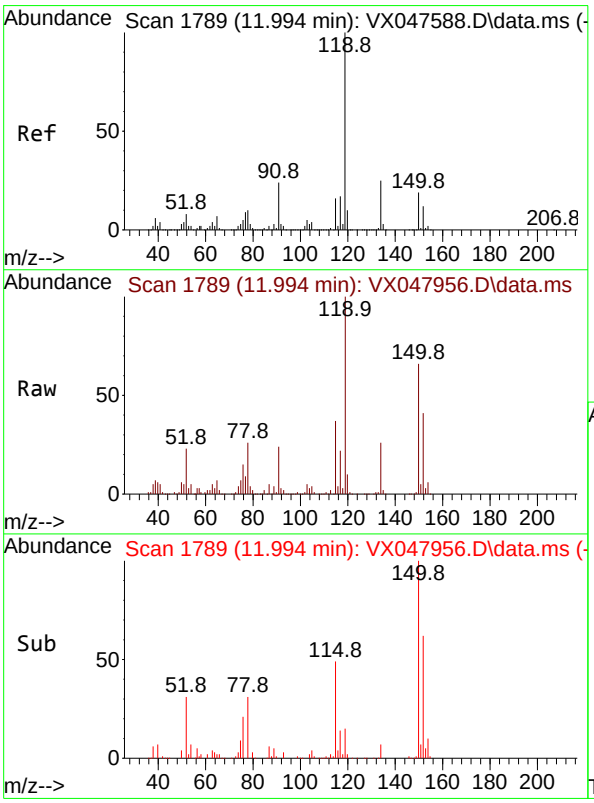
#85
sec-Butylbenzene
Concen: 17.784 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion:105 Resp: 159255

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5

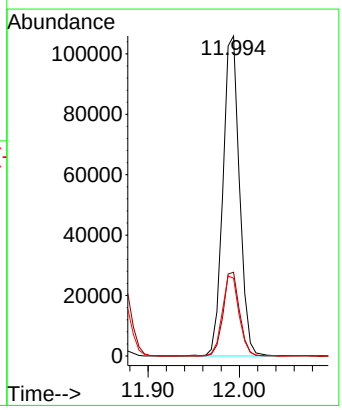


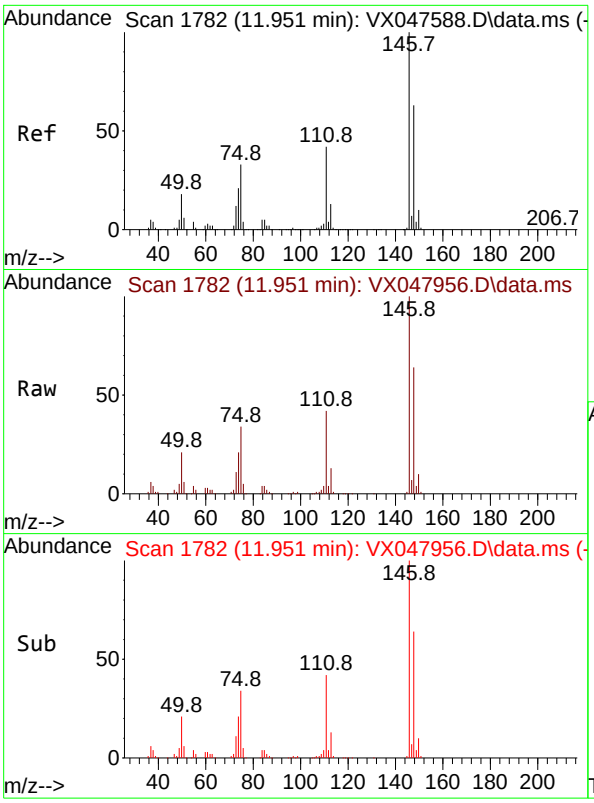


#86
p-Isopropyltoluene
Concen: 17.594 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:119 Resp: 133388

Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.6	37.8
91	25.5	12.6	37.6



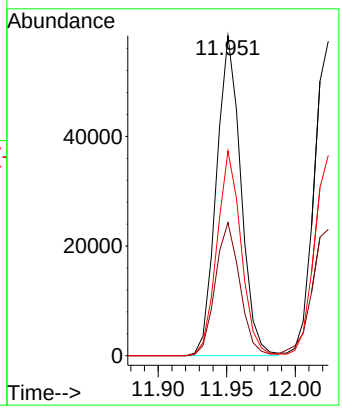


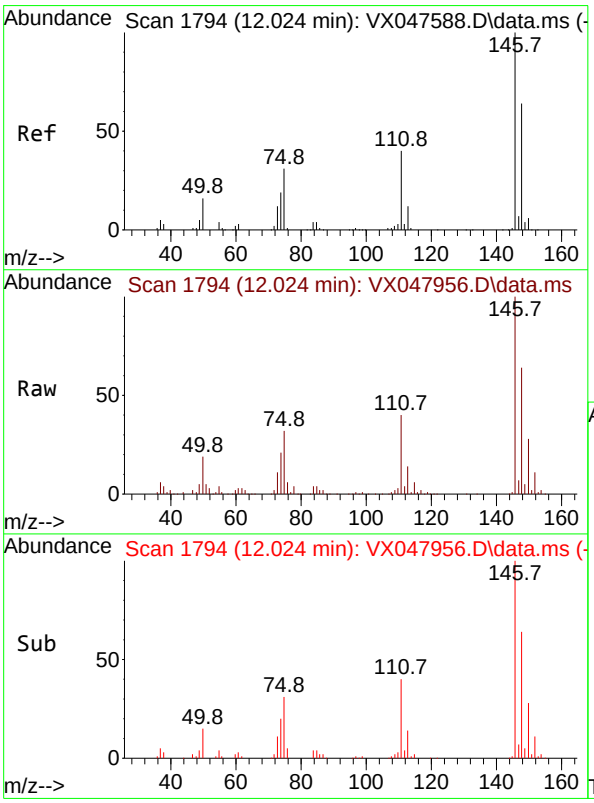
#87
1,3-Dichlorobenzene
Concen: 17.602 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion:146 Resp: 72183

Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.5	64.5
148	63.4	32.0	96.0

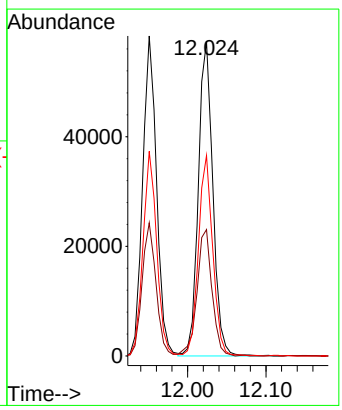


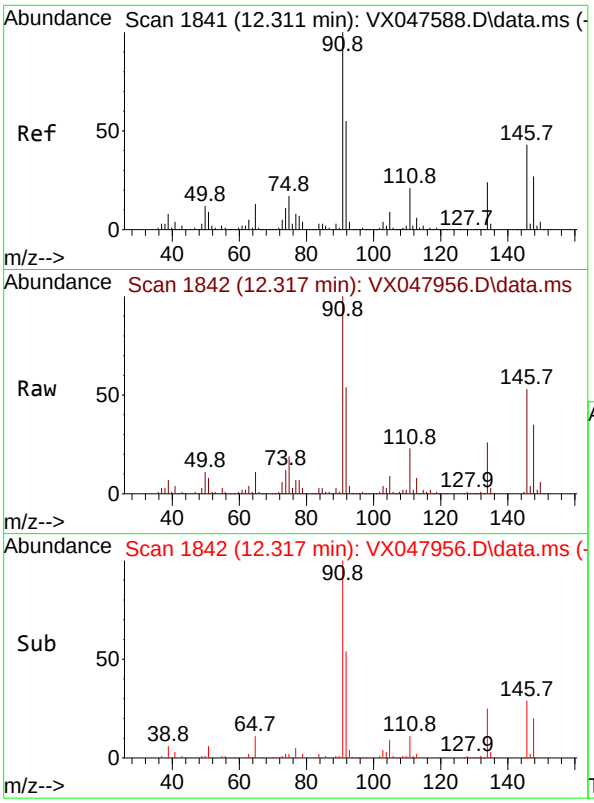


#88
1,4-Dichlorobenzene
Concen: 17.574 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:146 Resp: 73964

Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.8	62.4
148	62.8	31.7	95.1



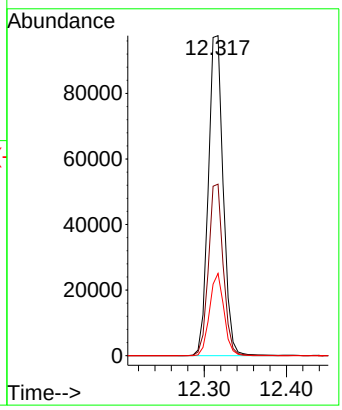


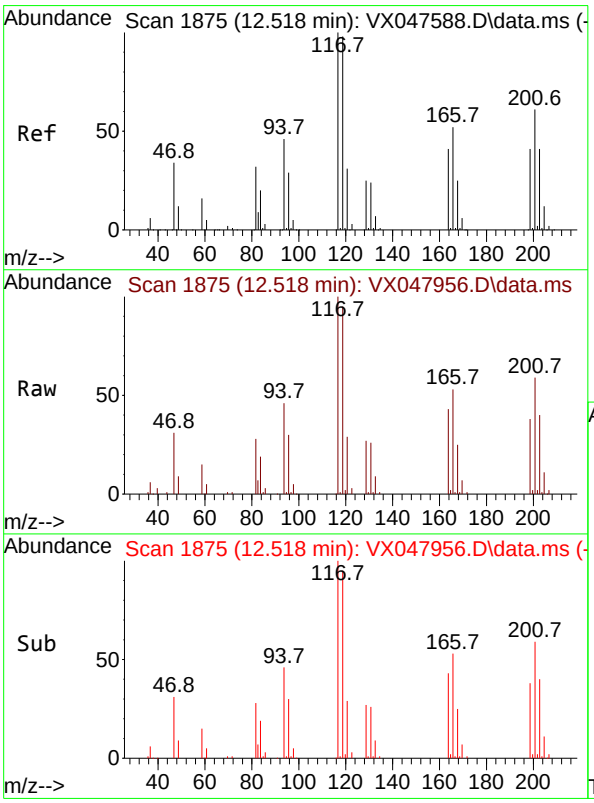
#89
n-Butylbenzene
Concen: 17.506 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion: 91 Resp: 122807

Ion	Ratio	Lower	Upper
91	100		
92	53.1	27.6	82.7
134	24.8	12.6	37.8

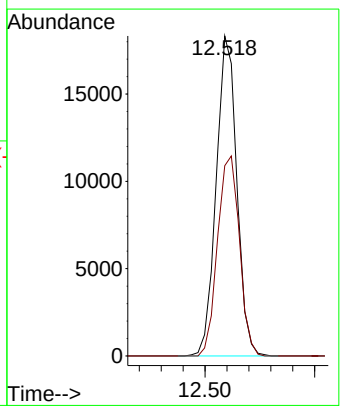


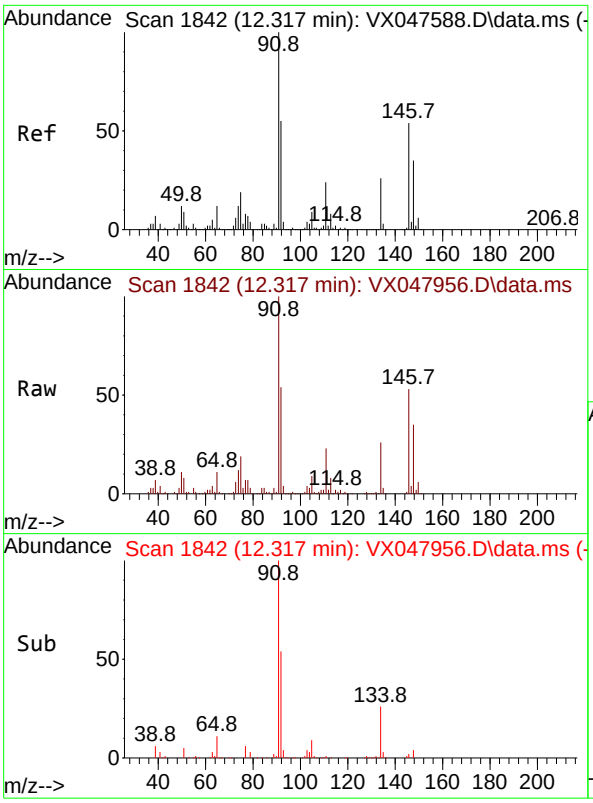


#90
Hexachloroethane
Concen: 17.988 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:117 Resp: 23943

Ion	Ratio	Lower	Upper
117	100		
201	66.3	34.2	102.5



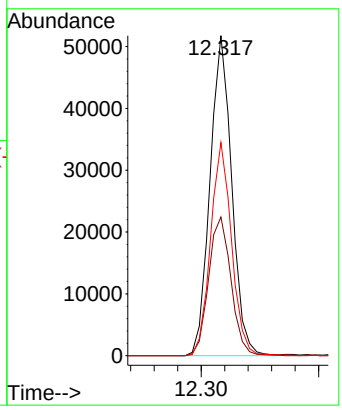


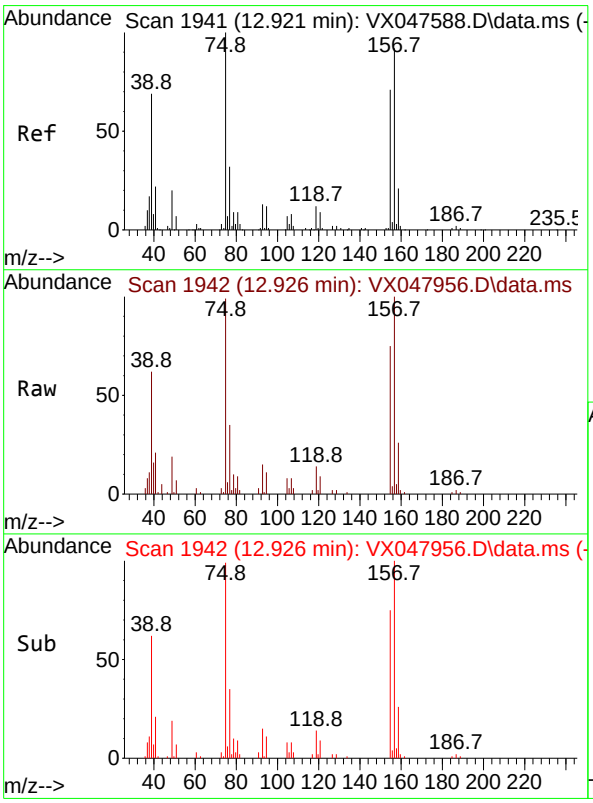
#91
1,2-Dichlorobenzene
Concen: 16.991 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion:146 Resp: 66380

Ion	Ratio	Lower	Upper
146	100		
111	44.7	22.2	66.6
148	64.6	31.8	95.4

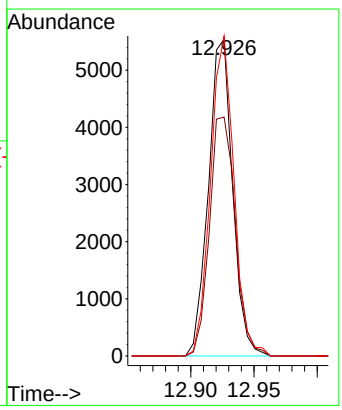


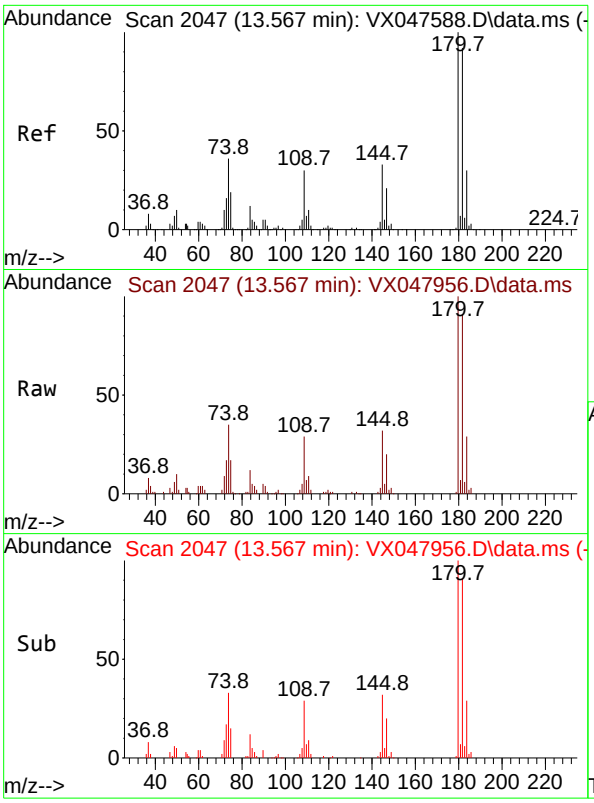


#92
1,2-Dibromo-3-Chloropropane
Concen: 13.424 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion: 75 Resp: 7371

Ion	Ratio	Lower	Upper
75	100		
155	80.6	37.7	113.1
157	97.8	49.8	149.4



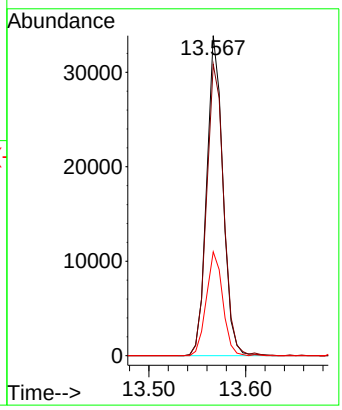


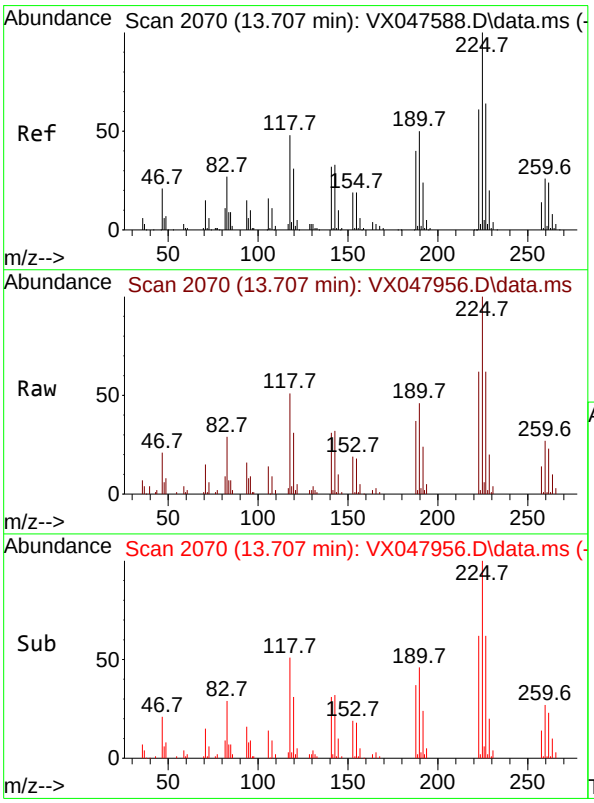
#93
1,2,4-Trichlorobenzene
Concen: 15.524 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion:180 Resp: 39416

Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.6	139.8
145	32.9	16.4	49.1

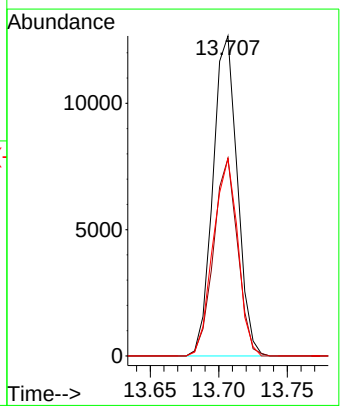


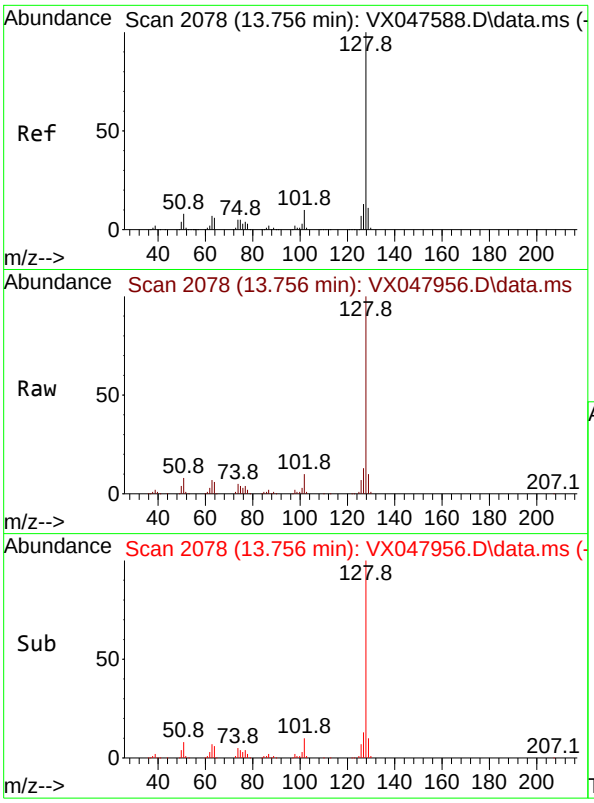


#94
Hexachlorobutadiene
Concen: 18.163 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:225 Resp: 15665

Ion	Ratio	Lower	Upper
225	100		
223	61.0	31.7	95.1
227	62.4	32.0	96.0



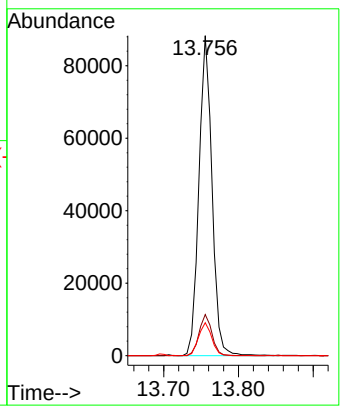


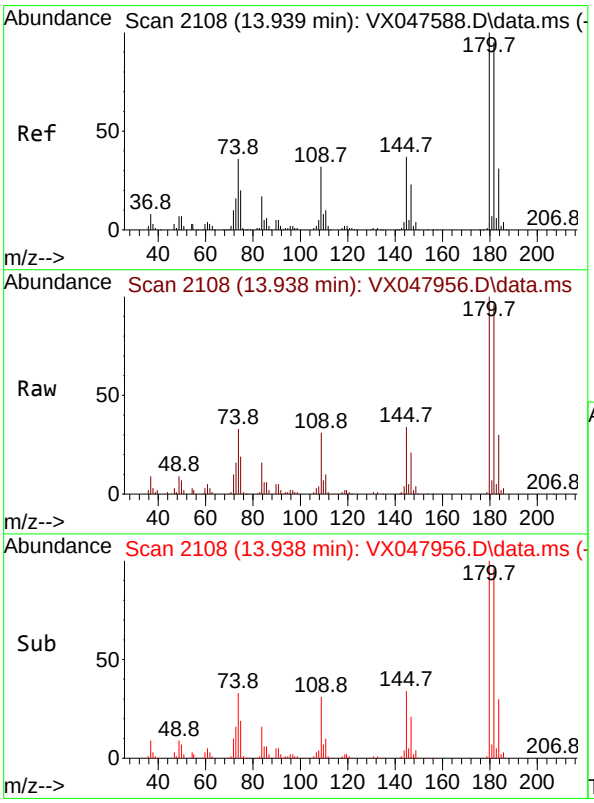
#95
Naphthalene
Concen: 13.836 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tgt Ion:128 Resp: 106975

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.4	8.8	13.2

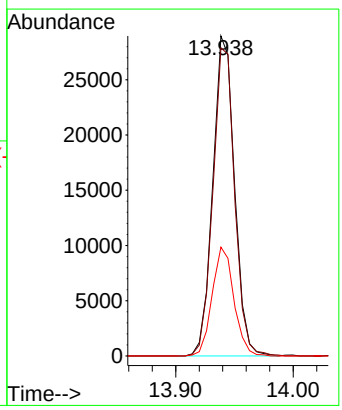




#96
1,2,3-Trichlorobenzene
Concen: 15.746 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047956.D
Acq: 02 Oct 2025 11:04

Tgt Ion:180 Resp: 37191

Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.6	142.8
145	34.1	17.9	53.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047958.D
Acq On : 02 Oct 2025 11:45
Operator : JC/MD
Sample : VX1002WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Quant Time: Oct 03 03:27:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	152089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	257772	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	231464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	118503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	113361	46.826	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.660%			
35) Dibromofluoromethane	5.379	113	90232	52.195	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.380%			
50) Toluene-d8	8.635	98	309747	51.781	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.560%			
62) 4-Bromofluorobenzene	11.061	95	118188	52.060	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	31469	19.982	ug/l	100
3) Chloromethane	1.307	50	34216	16.531	ug/l	100
4) Vinyl Chloride	1.386	62	38517	19.010	ug/l	99
5) Bromomethane	1.624	94	24880	19.365	ug/l	94
6) Chloroethane	1.697	64	25589	18.896	ug/l	99
7) Trichlorofluoromethane	1.898	101	59579	19.804	ug/l	96
8) Diethyl Ether	2.136	74	20748	16.859	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.337	101	35612	20.244	ug/l	99
10) Methyl Iodide	2.459	142	41239	15.031	ug/l	98
11) Tert butyl alcohol	2.941	59	19471	72.216	ug/l	99
12) 1,1-Dichloroethene	2.325	96	33319	18.439	ug/l	92
13) Acrolein	2.239	56	14545	58.541	ug/l	94
14) Allyl chloride	2.666	41	63008	16.898	ug/l	98
15) Acrylonitrile	3.062	53	84903	85.014	ug/l	99
16) Acetone	2.374	43	77506	73.633	ug/l	100
17) Carbon Disulfide	2.520	76	84867	17.156	ug/l	99
18) Methyl Acetate	2.703	43	39975	17.065	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	113229	17.166	ug/l	97
20) Methylene Chloride	2.788	84	40108	18.001	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	35693	18.347	ug/l	98
22) Diisopropyl ether	3.751	45	135125	18.699	ug/l	85
23) Vinyl Acetate	3.715	43	490245	84.764	ug/l	100
24) 1,1-Dichloroethane	3.611	63	72354	18.838	ug/l	98
25) 2-Butanone	4.544	43	103250	78.637	ug/l	98
26) 2,2-Dichloropropane	4.471	77	60352	18.903	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	44833	18.818	ug/l	97
28) Bromochloromethane	4.891	49	36682	21.876	ug/l	98
29) Tetrahydrofuran	4.995	42	62005	78.501	ug/l	98
30) Chloroform	5.080	83	73476	18.931	ug/l	98
31) Cyclohexane	5.458	56	56900	17.787	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	63575	19.311	ug/l	99
36) 1,1-Dichloropropene	5.684	75	48982	19.390	ug/l	99
37) Ethyl Acetate	4.702	43	42781	15.817	ug/l	99
38) Carbon Tetrachloride	5.666	117	55774	20.321	ug/l	99
39) Methylcyclohexane	7.367	83	53521	18.665	ug/l	99
40) Benzene	6.025	78	149020	19.423	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047958.D
Acq On : 02 Oct 2025 11:45
Operator : JC/MD
Sample : VX1002WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Quant Time: Oct 03 03:27:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	23592	16.896	ug/l		96
42) 1,2-Dichloroethane	6.074	62	55056	18.859	ug/l		98
43) Isopropyl Acetate	6.330	43	75418	17.001	ug/l		99
44) Trichloroethene	7.117	130	36963	19.927	ug/l		100
45) 1,2-Dichloropropane	7.421	63	39499	20.105	ug/l		93
46) Dibromomethane	7.568	93	27477	19.219	ug/l		98
47) Bromodichloromethane	7.805	83	58275	19.753	ug/l		97
48) Methyl methacrylate	7.677	41	37325	16.892	ug/l		98
49) 1,4-Dioxane	7.653	88	7922	354.762	ug/l		97
51) 4-Methyl-2-Pentanone	8.561	43	219915	89.414	ug/l		98
52) Toluene	8.702	92	93220	19.721	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	56244	18.690	ug/l		99
54) cis-1,3-Dichloropropene	8.354	75	61854	19.231	ug/l		98
55) 1,1,2-Trichloroethane	9.135	97	36945	20.269	ug/l		97
56) Ethyl methacrylate	9.104	69	51760	18.082	ug/l		99
57) 1,3-Dichloropropane	9.293	76	62466	19.950	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	124044	97.834	ug/l		99
59) 2-Hexanone	9.415	43	150100	84.974	ug/l		100
60) Dibromochloromethane	9.506	129	42599	20.284	ug/l		98
61) 1,2-Dibromoethane	9.592	107	36213	19.506	ug/l		99
64) Tetrachloroethene	9.263	164	30388	20.139	ug/l		93
65) Chlorobenzene	10.061	112	104311	19.837	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.147	131	35936	19.805	ug/l		98
67) Ethyl Benzene	10.177	91	176894	19.497	ug/l		100
68) m/p-Xylenes	10.287	106	132924	39.361	ug/l		98
69) o-Xylene	10.628	106	63856	19.549	ug/l		98
70) Styrene	10.640	104	111545	19.489	ug/l		99
71) Bromoform	10.787	173	26166	19.312	ug/l	#	98
73) Isopropylbenzene	10.945	105	168264	18.677	ug/l		100
74) N-amyl acetate	10.829	43	65321	15.899	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.195	83	49596	18.195	ug/l		99
76) 1,2,3-Trichloropropane	11.226	75	52559	21.906	ug/l		90
77) Bromobenzene	11.183	156	41591	18.744	ug/l		97
78) n-propylbenzene	11.287	91	202133	18.979	ug/l		100
79) 2-Chlorotoluene	11.348	91	122496	18.779	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	137546	18.582	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.006	75	14406	15.312	ug/l		98
82) 4-Chlorotoluene	11.439	91	145852	18.932	ug/l		100
83) tert-Butylbenzene	11.695	119	141081	18.619	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	138632	18.473	ug/l		100
85) sec-Butylbenzene	11.872	105	170193	18.910	ug/l		99
86) p-Isopropyltoluene	11.994	119	142803	18.741	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	76310	18.515	ug/l		100
88) 1,4-Dichlorobenzene	12.024	146	77823	18.398	ug/l		98
89) n-Butylbenzene	12.317	91	128765	18.263	ug/l		99
90) Hexachloroethane	12.518	117	25059	18.732	ug/l		97
91) 1,2-Dichlorobenzene	12.317	146	73324	18.674	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	8378	15.181	ug/l		97
93) 1,2,4-Trichlorobenzene	13.567	180	42185	16.531	ug/l		99
94) Hexachlorobutadiene	13.707	225	14405	16.618	ug/l		94
95) Naphthalene	13.756	128	118857	15.295	ug/l		99
96) 1,2,3-Trichlorobenzene	13.939	180	40082	16.885	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047958.D
Acq On : 02 Oct 2025 11:45
Operator : JC/MD
Sample : VX1002WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Quant Time: Oct 03 03:27:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

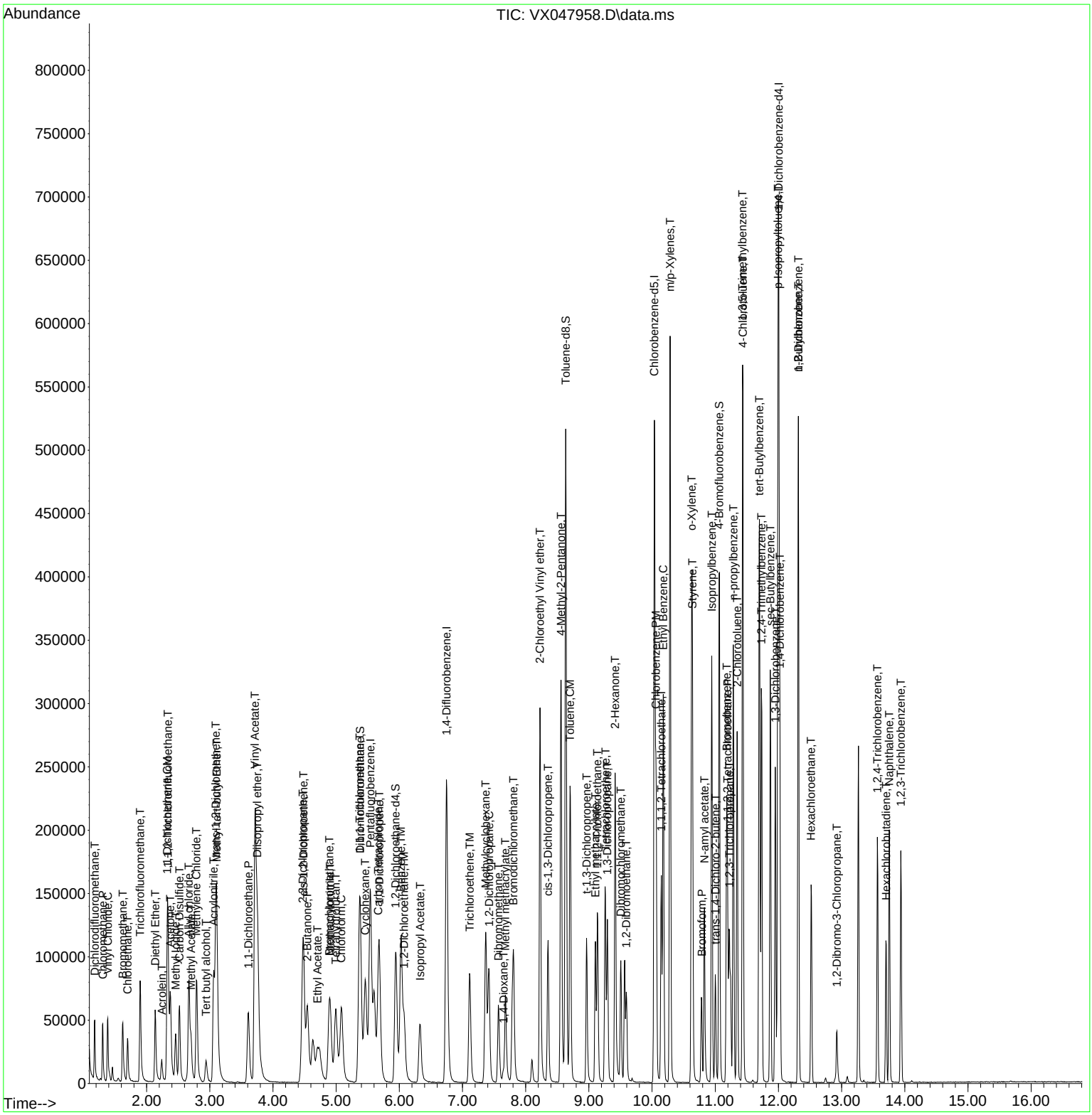
(#) = qualifier out of range (m) = manual integration (+) = signals summed

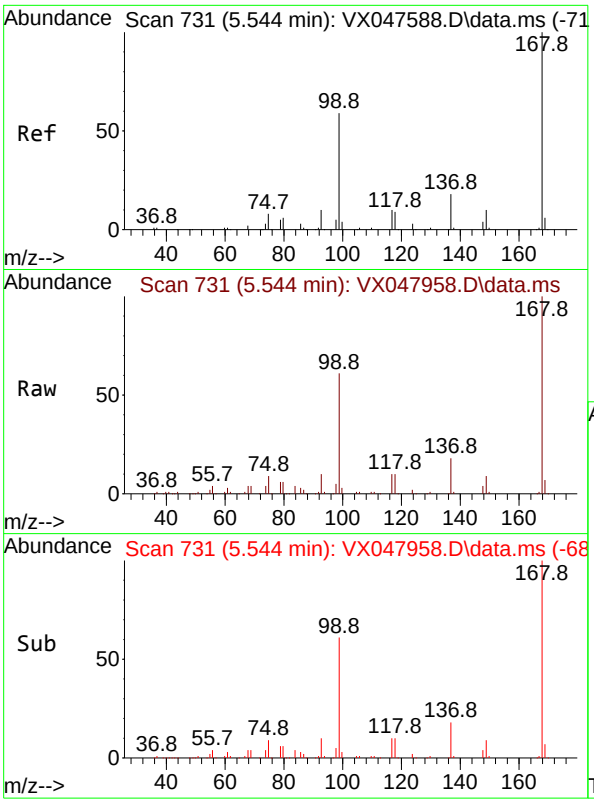
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047958.D
Acq On : 02 Oct 2025 11:45
Operator : JC/MD
Sample : VX1002WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Quant Time: Oct 03 03:27:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



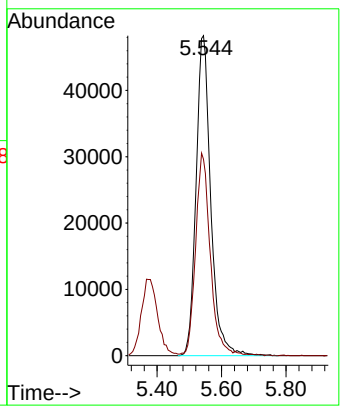


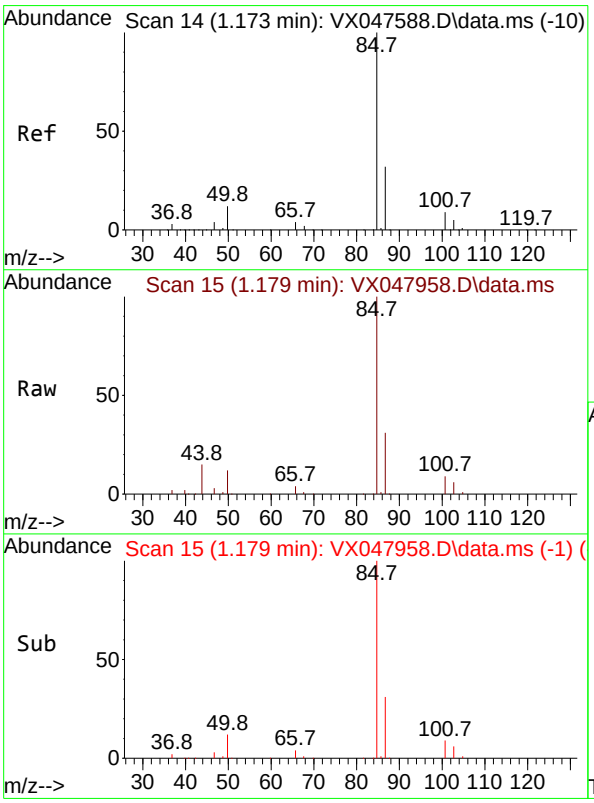
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion:168 Resp: 152089

Ion	Ratio	Lower	Upper
168	100		
99	61.4	48.8	73.2

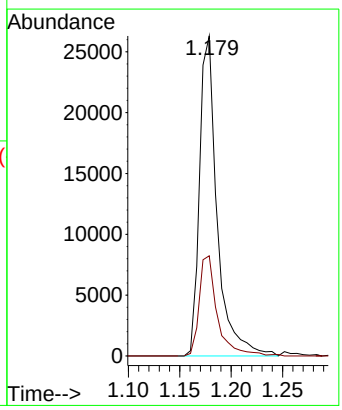


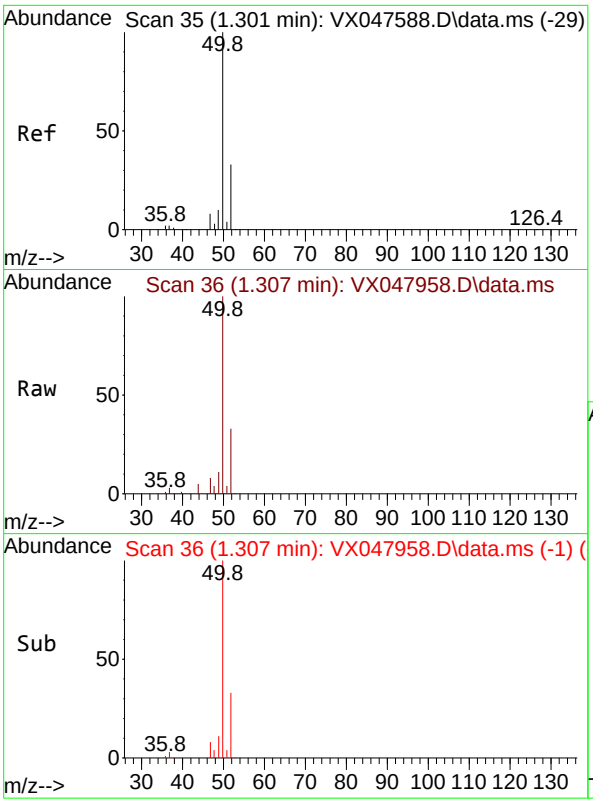


#2
Dichlorodifluoromethane
Concen: 19.982 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 85 Resp: 31469

Ion	Ratio	Lower	Upper
85	100		
87	31.6	15.8	47.3



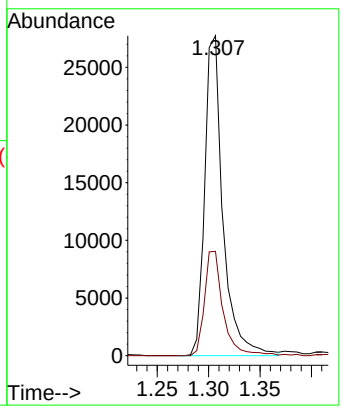


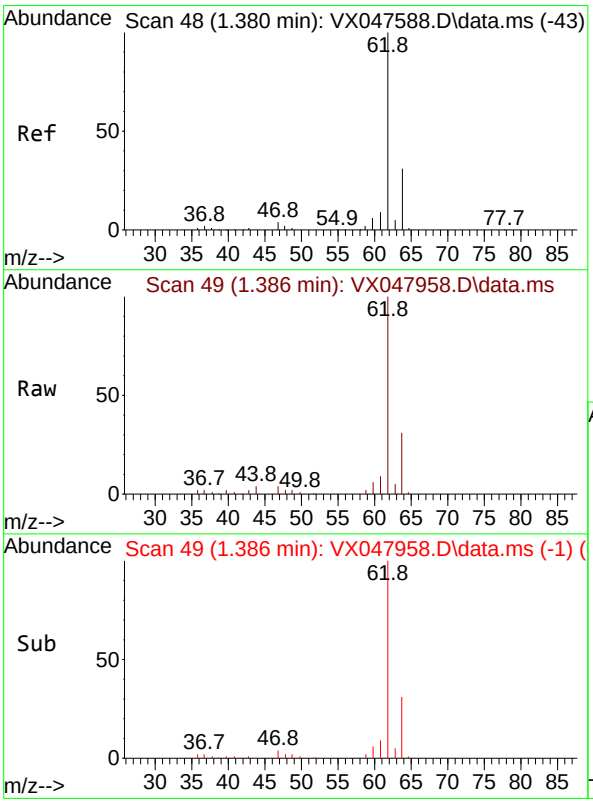
#3
Chloromethane
Concen: 16.531 ug/l
RT: 1.307 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion: 50 Resp: 34216

Ion	Ratio	Lower	Upper
50	100		
52	32.6	26.1	39.1

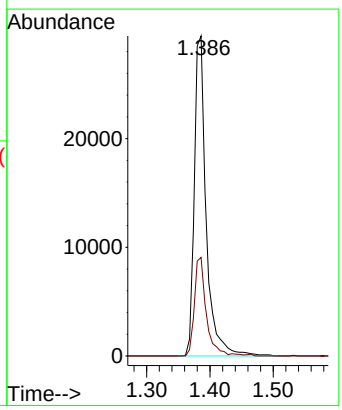


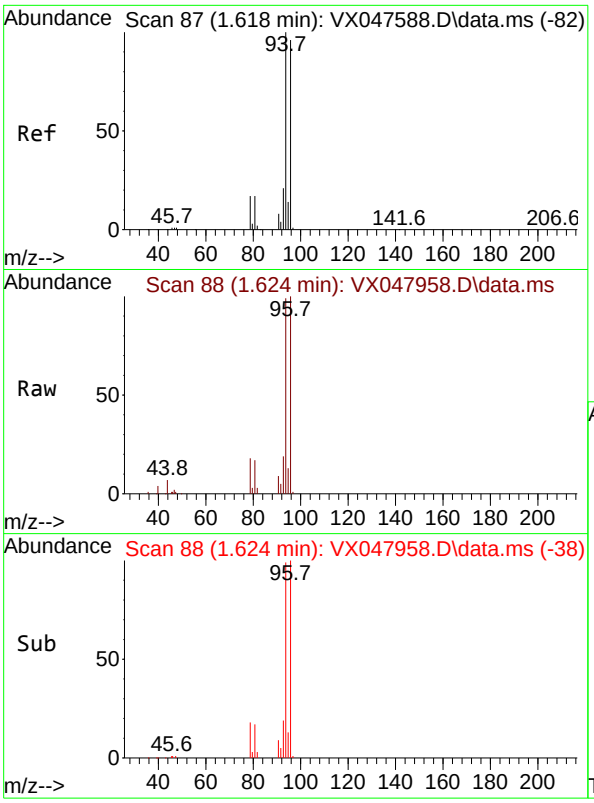


#4
Vinyl Chloride
Concen: 19.010 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 62 Resp: 38517

Ion	Ratio	Lower	Upper
62	100		
64	31.5	24.9	37.3



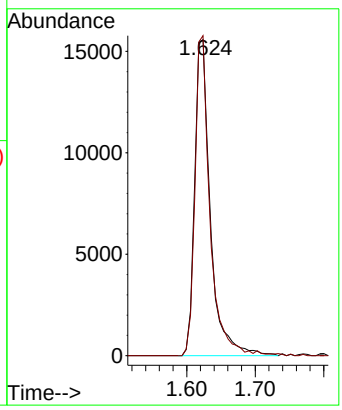


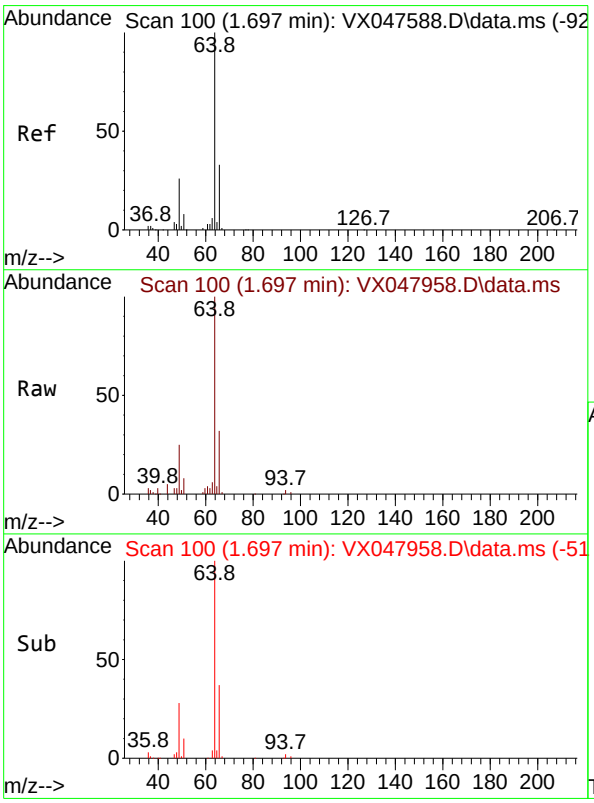
#5
Bromomethane
Concen: 19.365 ug/l
RT: 1.624 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion: 94 Resp: 24880

Ion	Ratio	Lower	Upper
94	100		
96	101.3	76.6	115.0

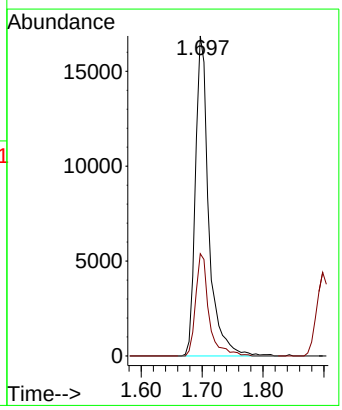


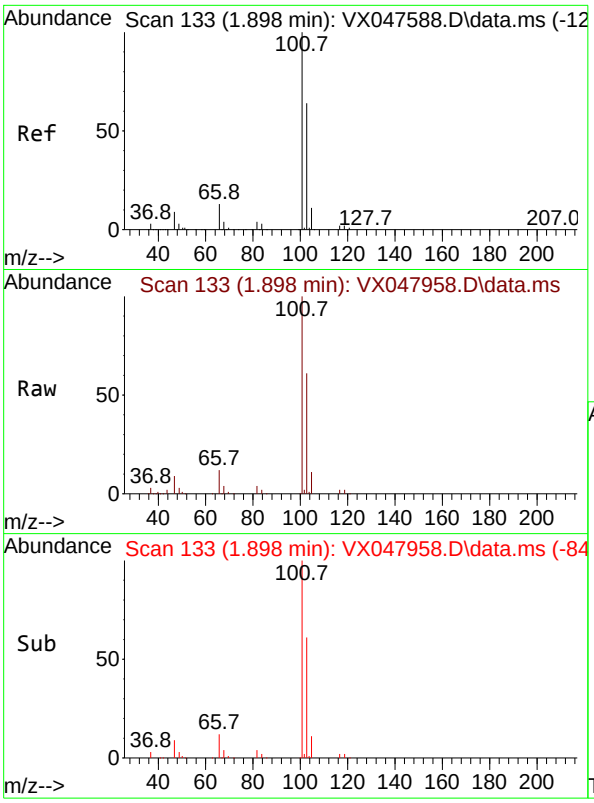


#6
Chloroethane
Concen: 18.896 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 64 Resp: 25589

Ion	Ratio	Lower	Upper
64	100		
66	31.9	26.1	39.1



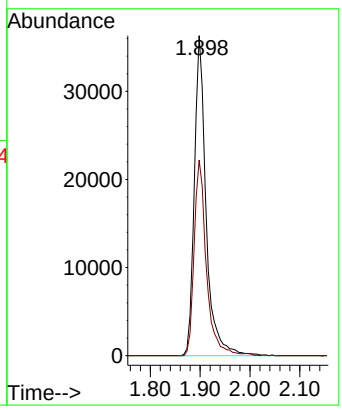


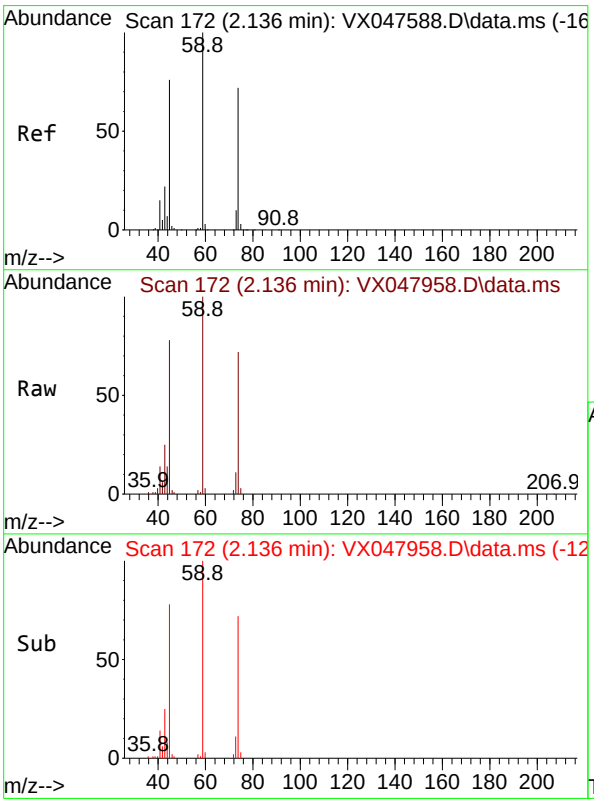
#7
Trichlorofluoromethane
Concen: 19.804 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion:101 Resp: 59579

Ion	Ratio	Lower	Upper
101	100		
103	61.1	51.4	77.2

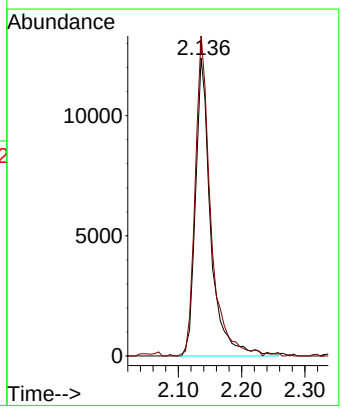


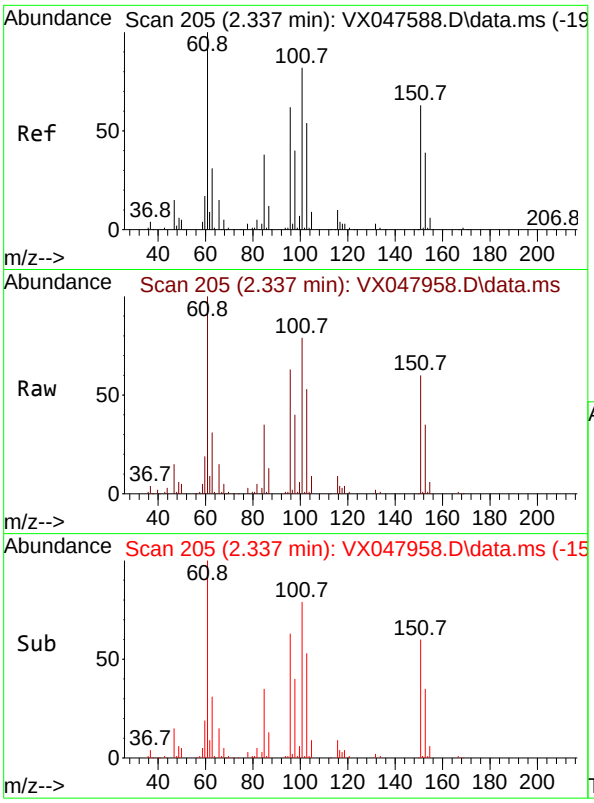


#8
Diethyl Ether
Concen: 16.859 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 74 Resp: 20748

Ion	Ratio	Lower	Upper
74	100		
45	109.6	52.3	156.8



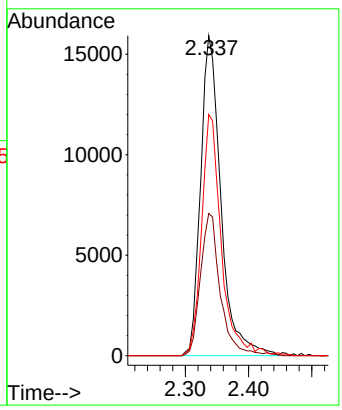


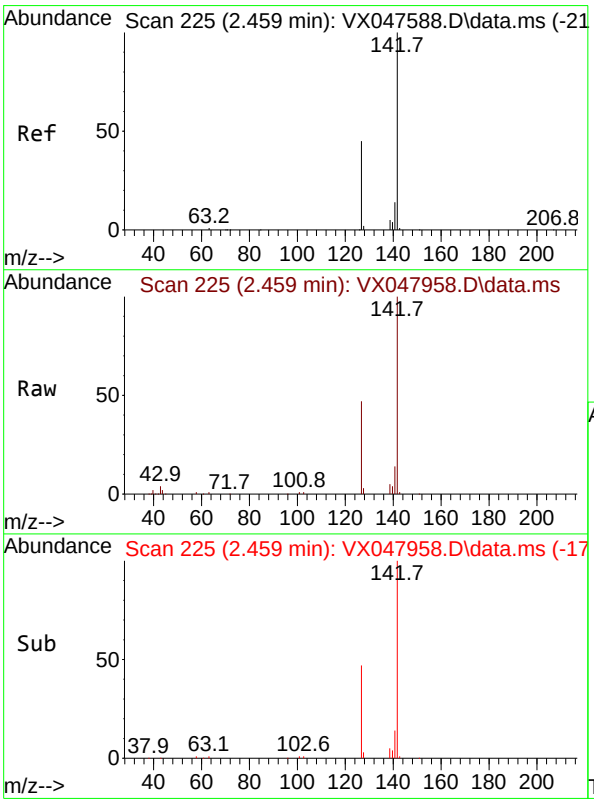
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.244 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion:101 Resp: 35612

Ion	Ratio	Lower	Upper
101	100		
85	43.4	35.5	53.3
151	73.4	59.4	89.0

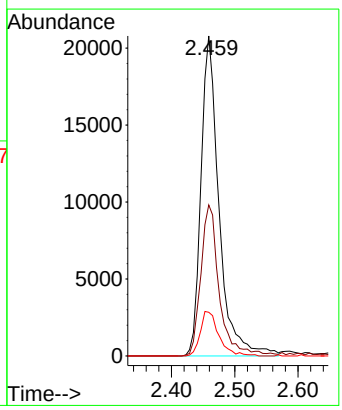


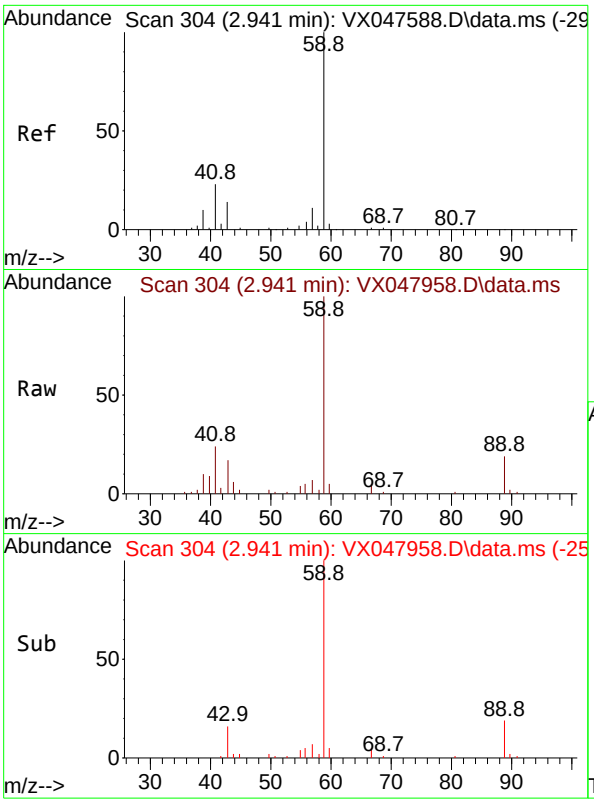


#10
Methyl Iodide
Concen: 15.031 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:142 Resp: 41239

Ion	Ratio	Lower	Upper
142	100		
127	48.3	37.2	55.8
141	14.3	11.4	17.0



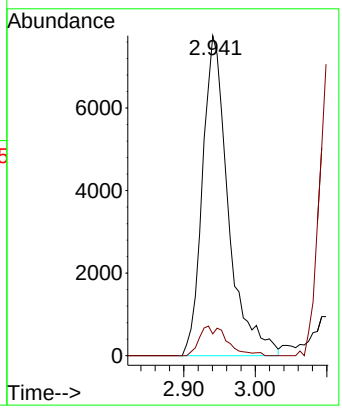


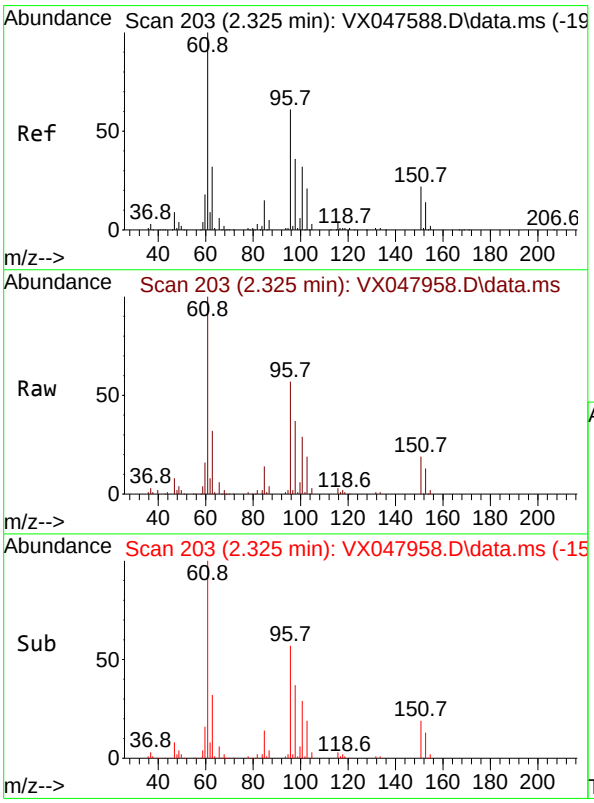
#11
Tert butyl alcohol
Concen: 72.216 ug/l
RT: 2.941 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion: 59 Resp: 19471

Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.3	12.5

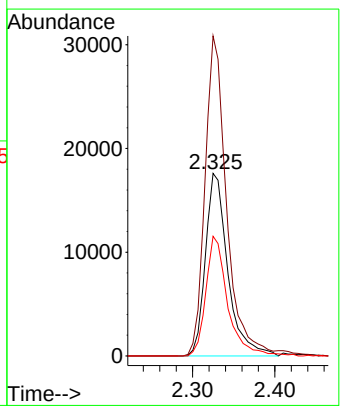


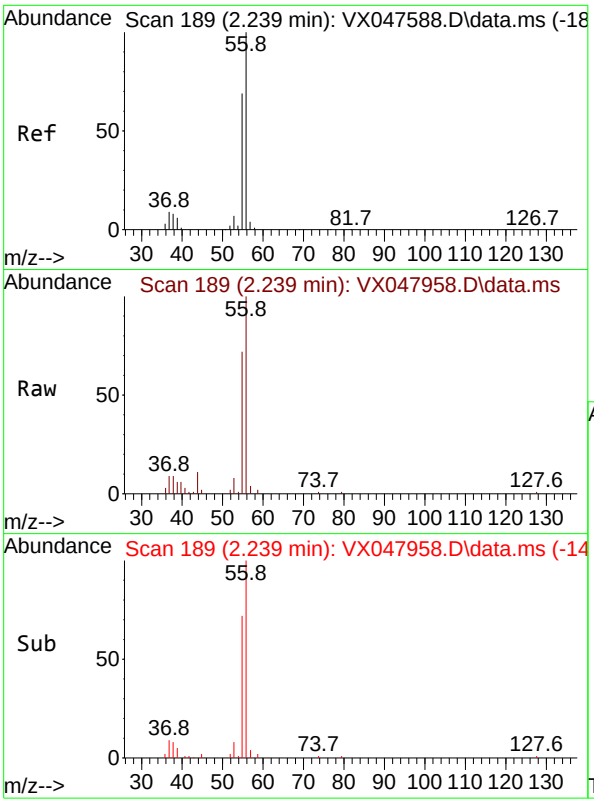


#12
1,1-Dichloroethene
Concen: 18.439 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 96 Resp: 33319

Ion	Ratio	Lower	Upper
96	100		
61	175.4	131.0	196.6
98	65.6	47.7	71.5



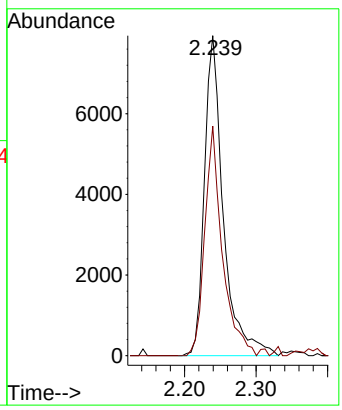


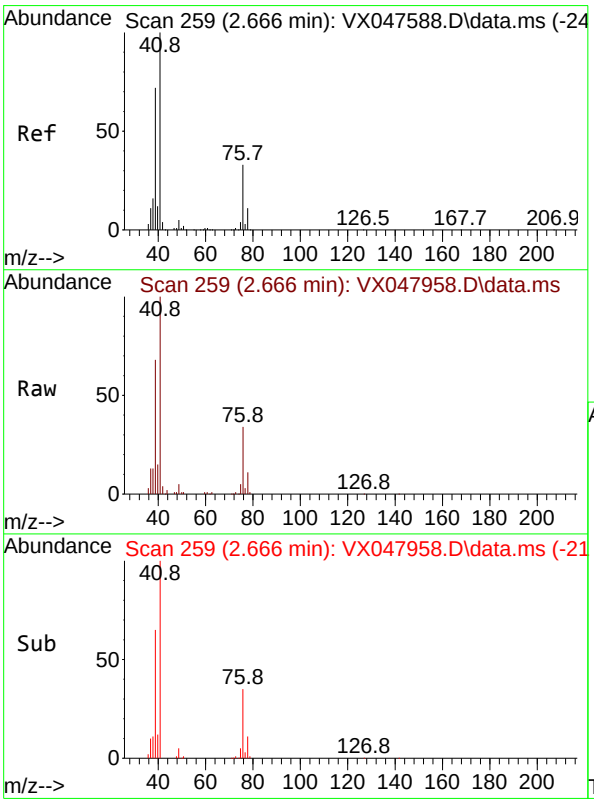
#13
Acrolein
Concen: 58.541 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion: 56 Resp: 14545

Ion	Ratio	Lower	Upper
56	100		
55	66.8	57.2	85.8

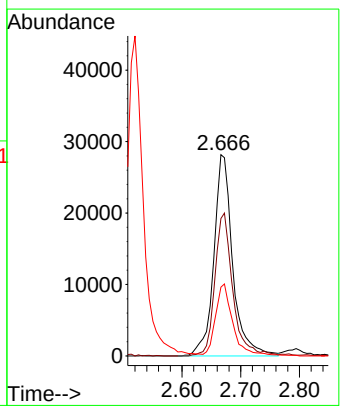


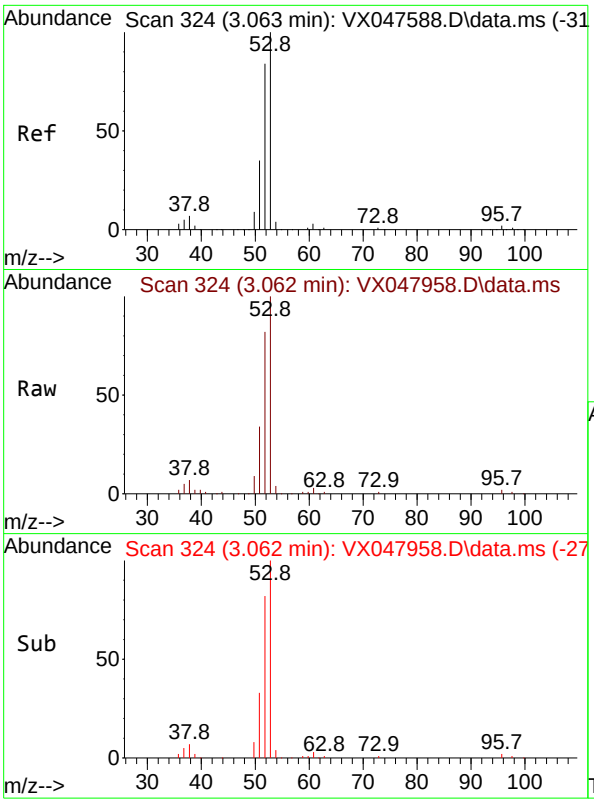


#14
Allyl chloride
Concen: 16.898 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 41 Resp: 63008

Ion	Ratio	Lower	Upper
41	100		
39	67.2	54.7	82.1
76	32.9	25.7	38.5



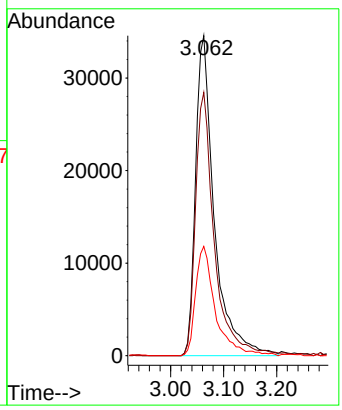


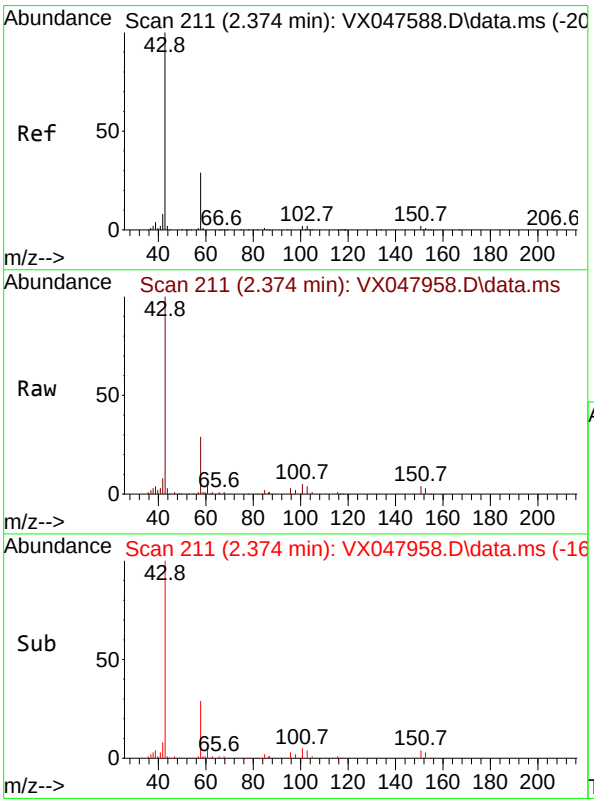
#15
Acrylonitrile
Concen: 85.014 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion: 53 Resp: 84903

Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.4	99.6
51	36.2	29.5	44.3

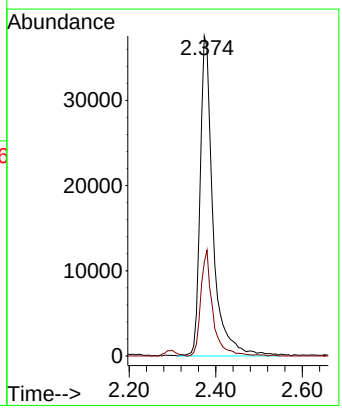


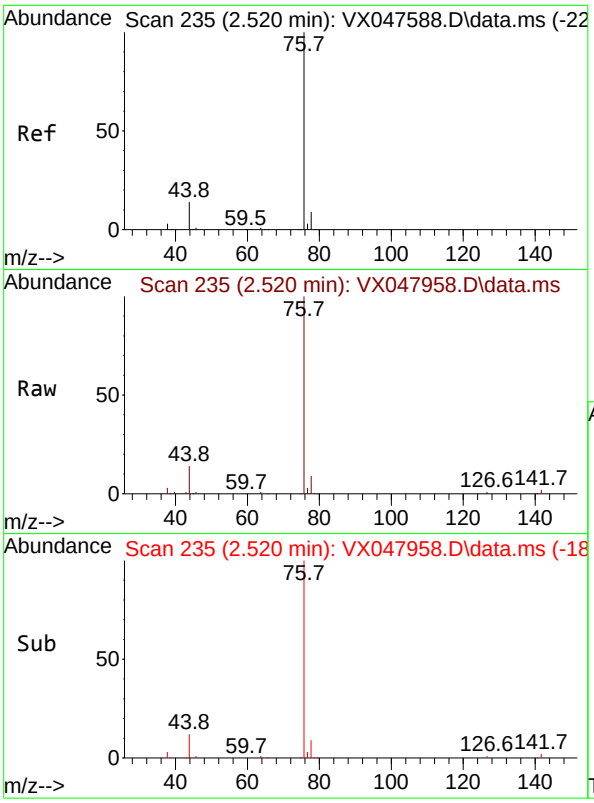


#16
Acetone
Concen: 73.633 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 43 Resp: 77506

Ion	Ratio	Lower	Upper
43	100		
58	29.3	23.4	35.0



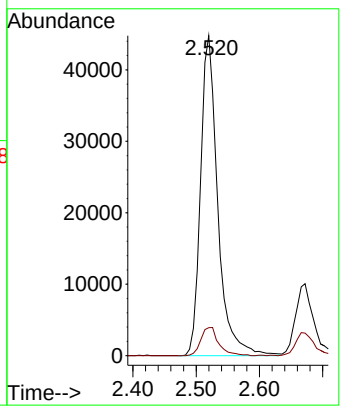


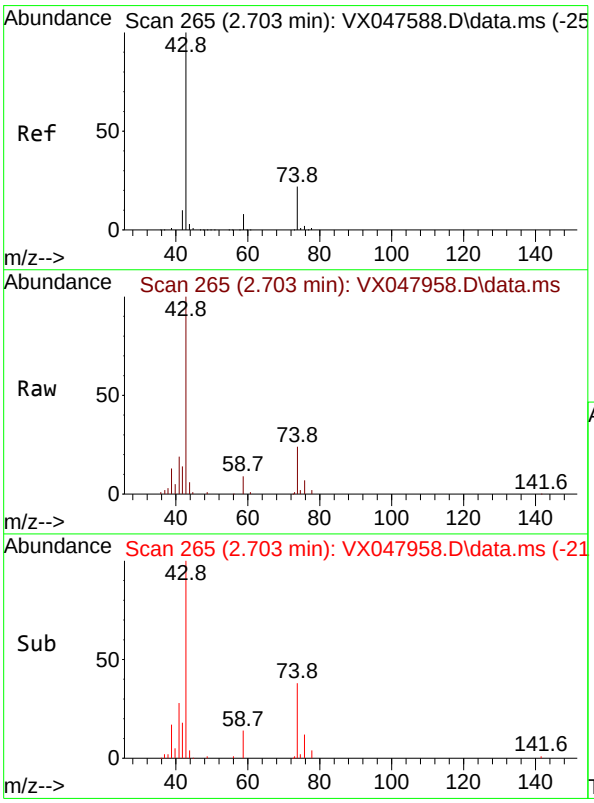
#17
Carbon Disulfide
Concen: 17.156 ug/l
RT: 2.520 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion: 76 Resp: 84867

Ion	Ratio	Lower	Upper
76	100		
78	8.9	6.8	10.2

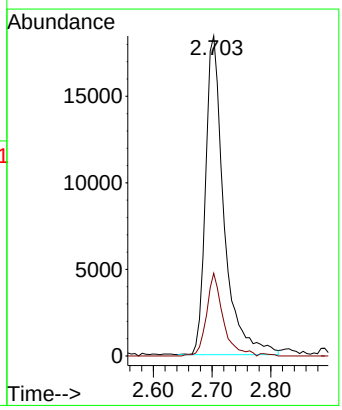


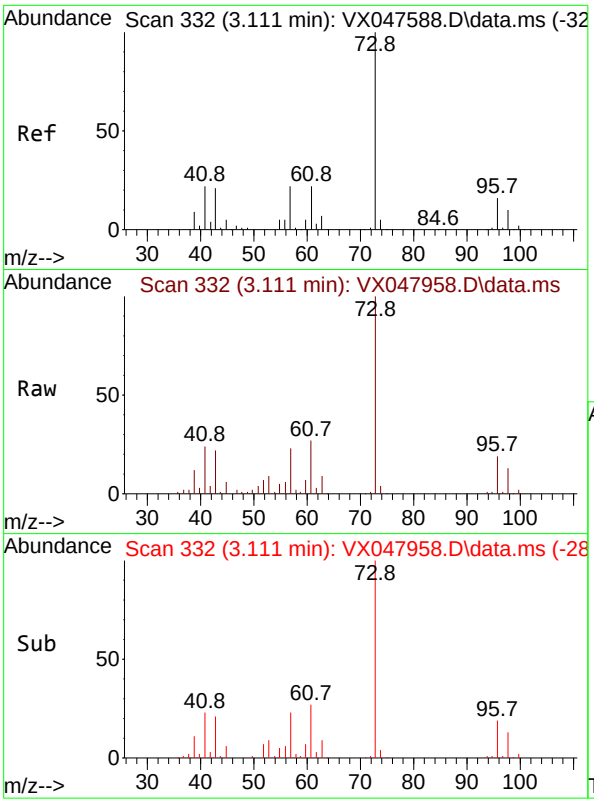


#18
Methyl Acetate
Concen: 17.065 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 43 Resp: 39975

Ion	Ratio	Lower	Upper
43	100		
74	23.4	17.4	26.2



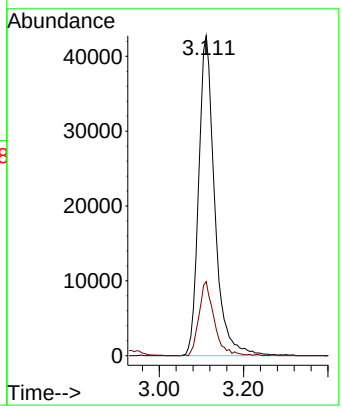


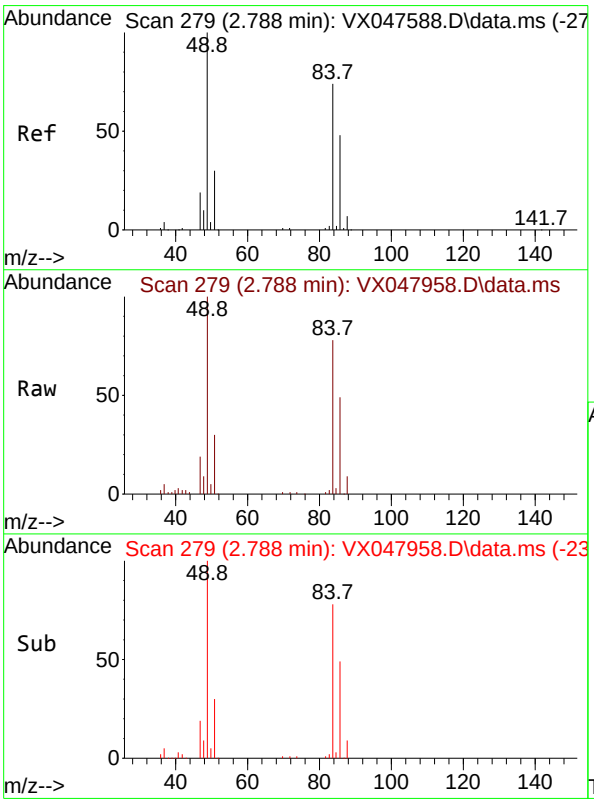
#19
Methyl tert-butyl Ether
Concen: 17.166 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion: 73 Resp: 113229

Ion	Ratio	Lower	Upper
73	100		
57	23.2	17.4	26.2

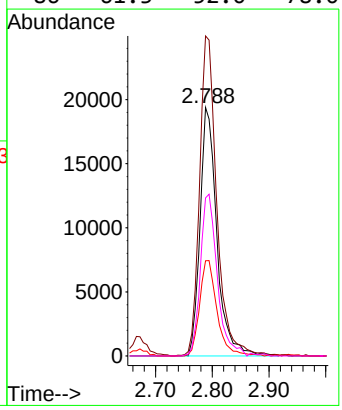


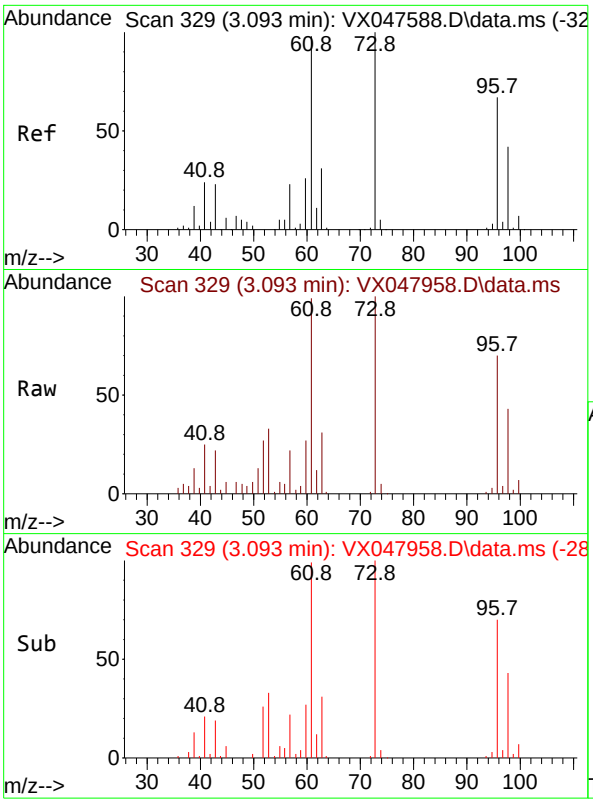


#20
Methylene Chloride
Concen: 18.001 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 84 Resp: 40108

Ion	Ratio	Lower	Upper
84	100		
49	123.8	108.6	162.8
51	37.0	32.6	48.8
86	61.3	52.0	78.0



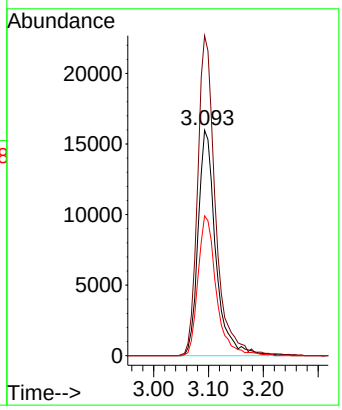


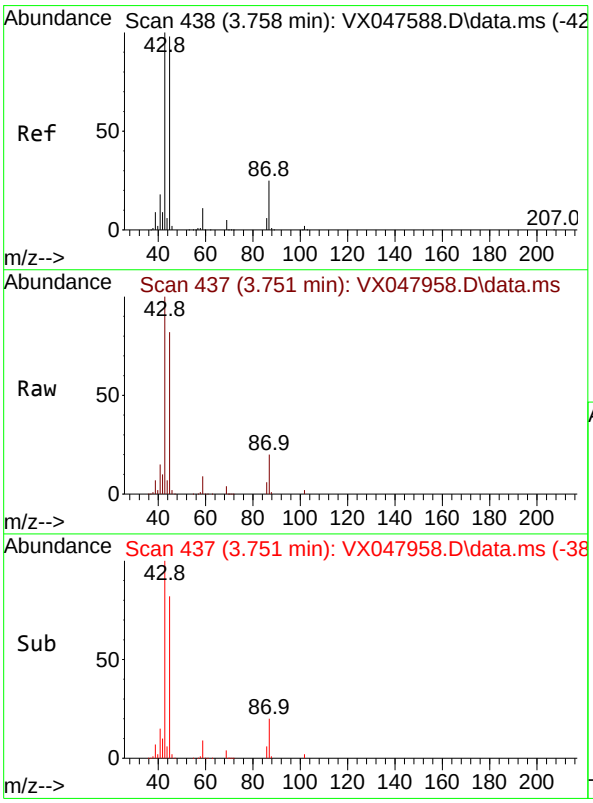
#21
trans-1,2-Dichloroethene
Concen: 18.347 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion: 96 Resp: 35693

Ion	Ratio	Lower	Upper
96	100		
61	142.0	116.2	174.2
98	62.0	49.3	73.9

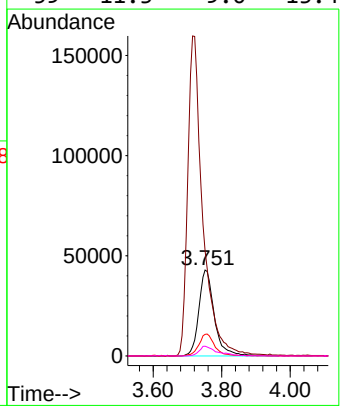


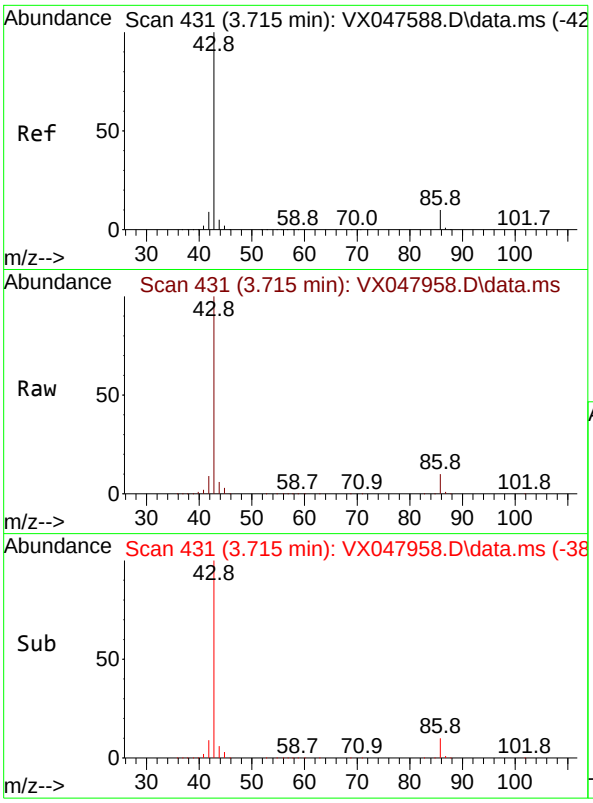


#22
Diisopropyl ether
Concen: 18.699 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 45 Resp: 135125

Ion	Ratio	Lower	Upper
45	100		
43	121.3	81.0	121.4
87	25.1	20.3	30.5
59	11.3	9.0	13.4



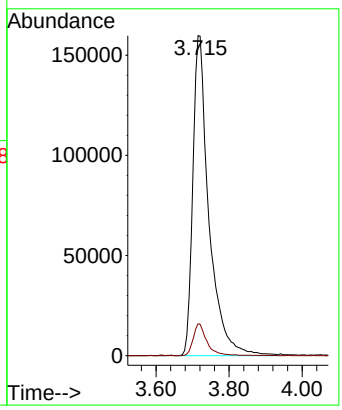


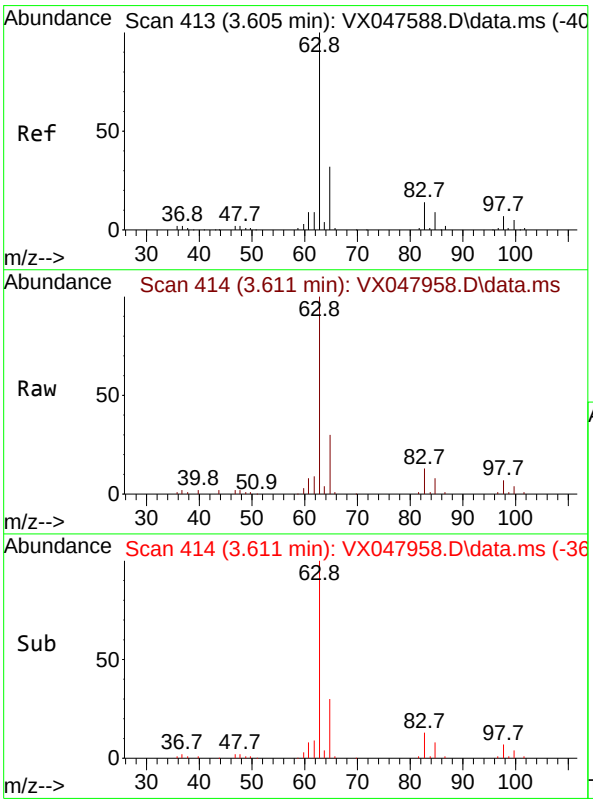
#23
Vinyl Acetate
Concen: 84.764 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion: 43 Resp: 490245

Ion	Ratio	Lower	Upper
43	100		
86	10.0	7.8	11.8

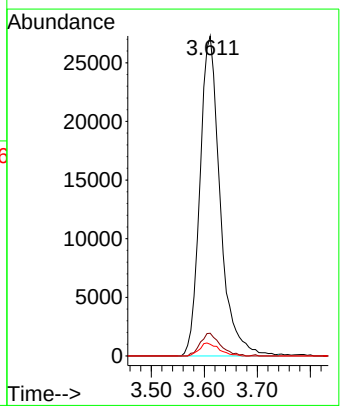


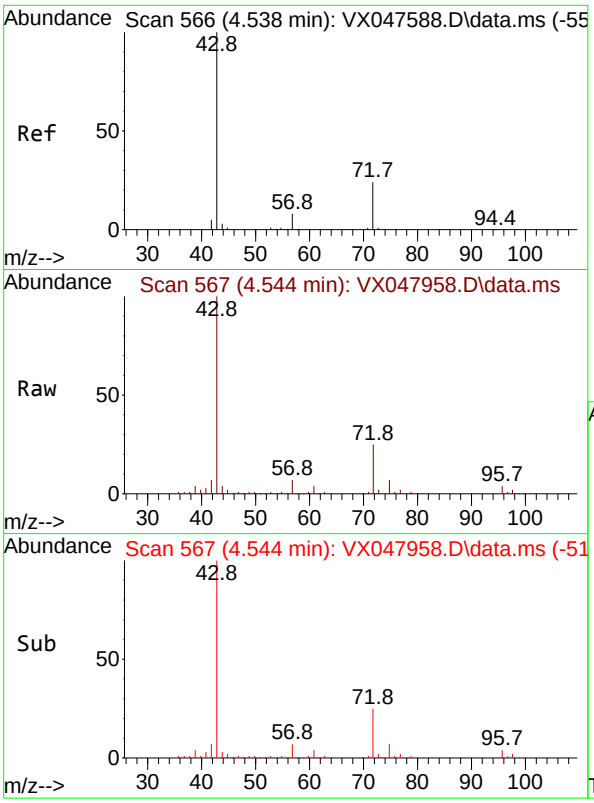


#24
1,1-Dichloroethane
Concen: 18.838 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 63 Resp: 72354

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.8	11.2
100	3.7	2.3	6.9



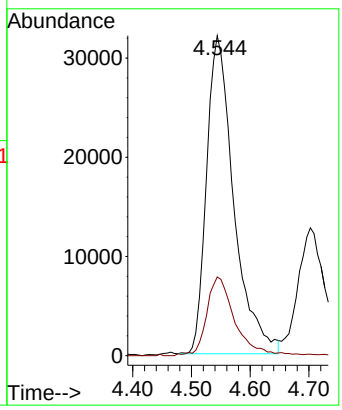


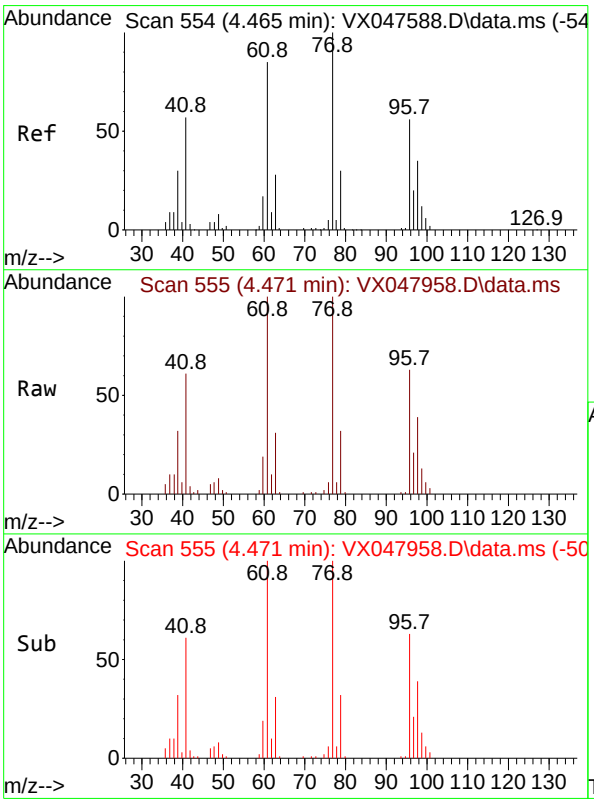
#25
2-Butanone
Concen: 78.637 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion: 43 Resp: 103250

Ion	Ratio	Lower	Upper
43	100		
72	24.3	20.1	30.1

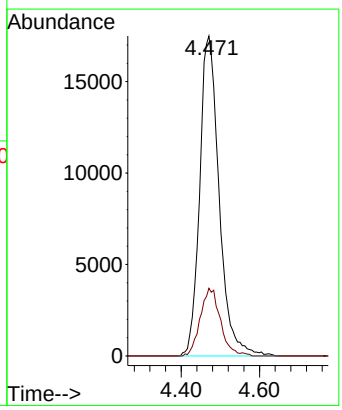


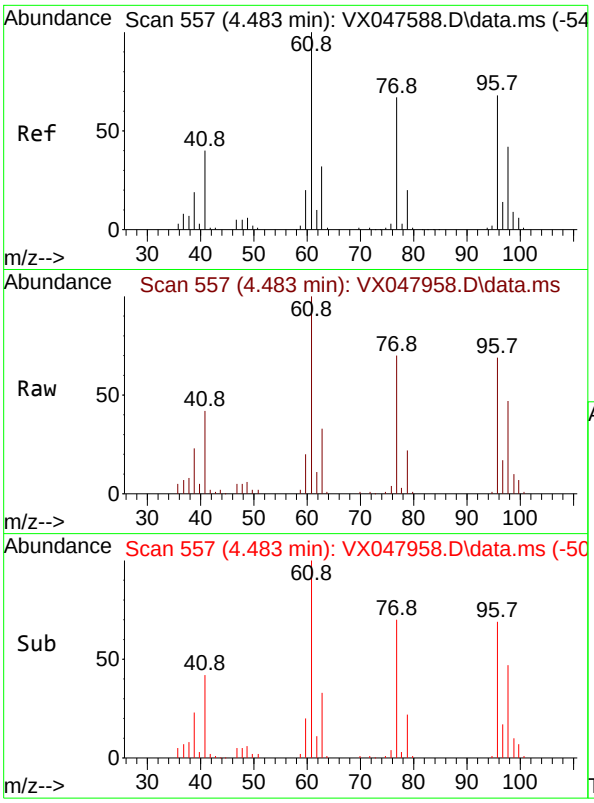


#26
2,2-Dichloropropane
Concen: 18.903 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 77 Resp: 60352

Ion	Ratio	Lower	Upper
77	100		
97	22.0	10.9	32.7



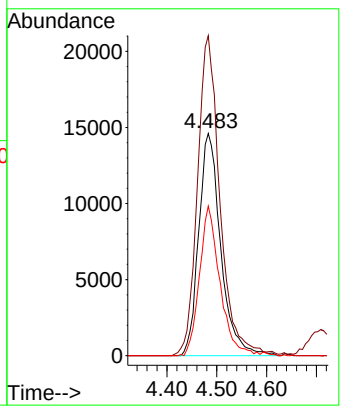


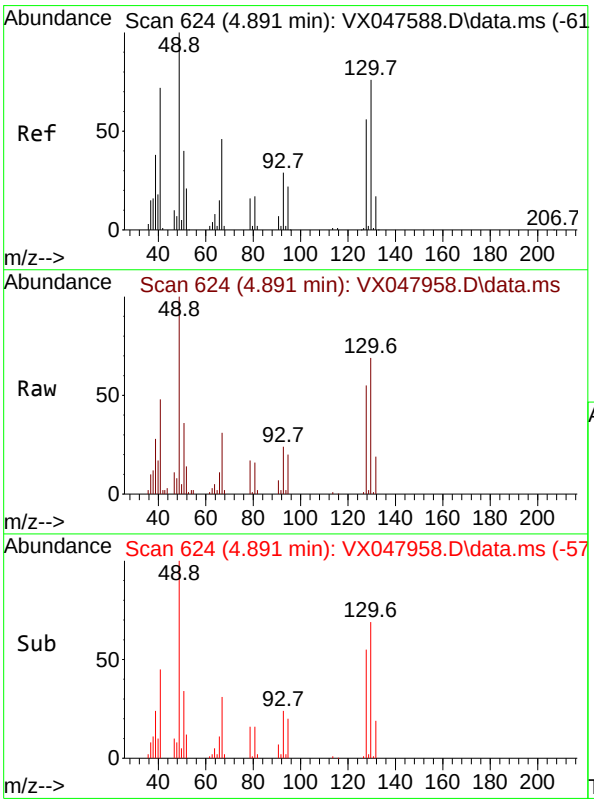
#27
cis-1,2-Dichloroethene
Concen: 18.818 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion: 96 Resp: 44833

Ion	Ratio	Lower	Upper
96	100		
61	146.9	0.0	303.2
98	62.2	0.0	127.8

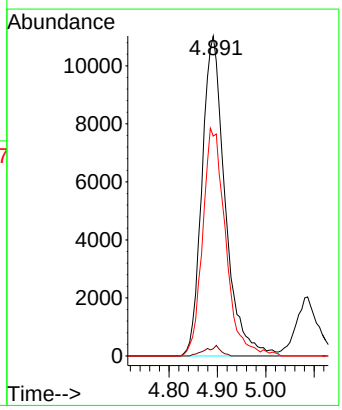


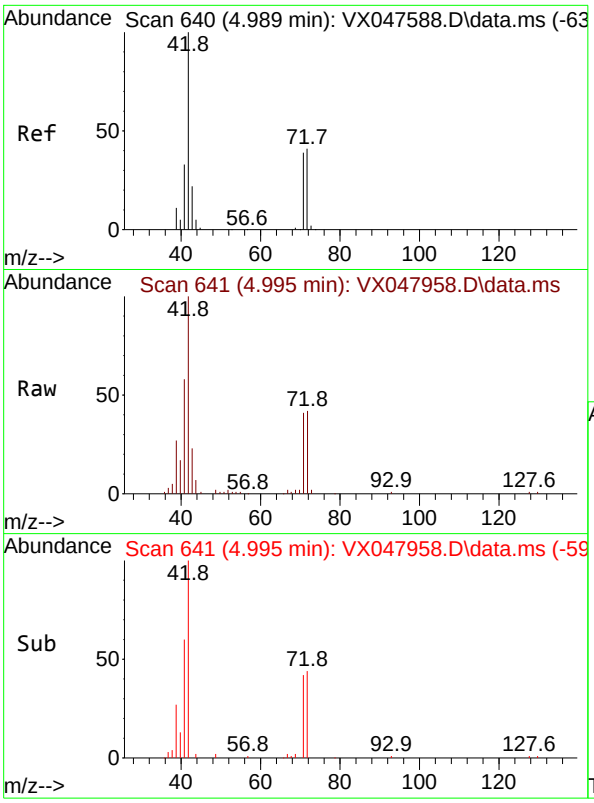


#28
Bromochloromethane
Concen: 21.876 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 49 Resp: 36682

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.2
130	70.7	57.8	86.8



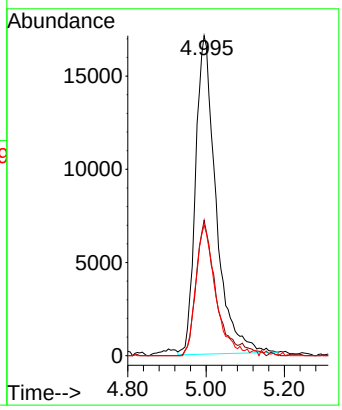


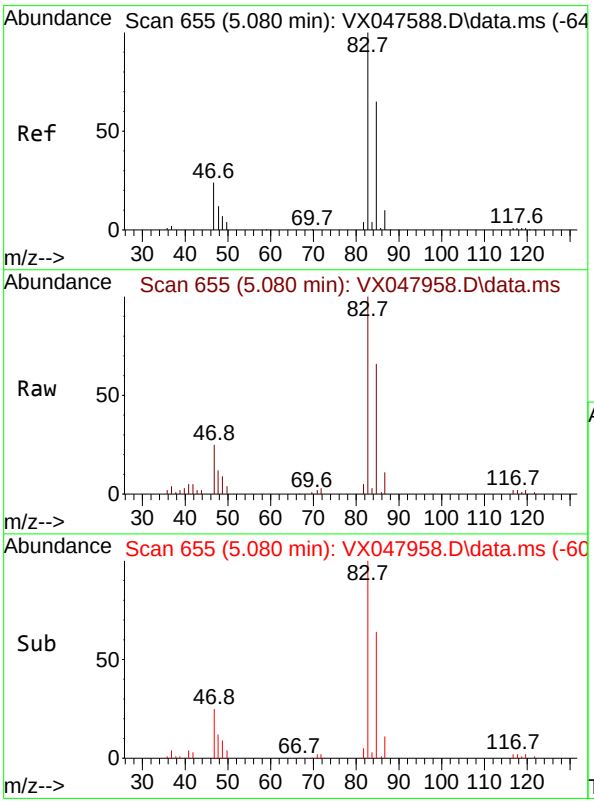
#29
Tetrahydrofuran
Concen: 78.501 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion: 42 Resp: 62005

Ion	Ratio	Lower	Upper
42	100		
72	40.0	34.2	51.2
71	39.8	31.9	47.9

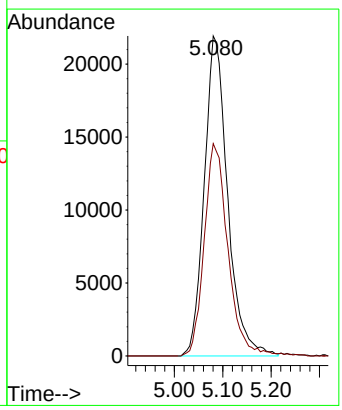


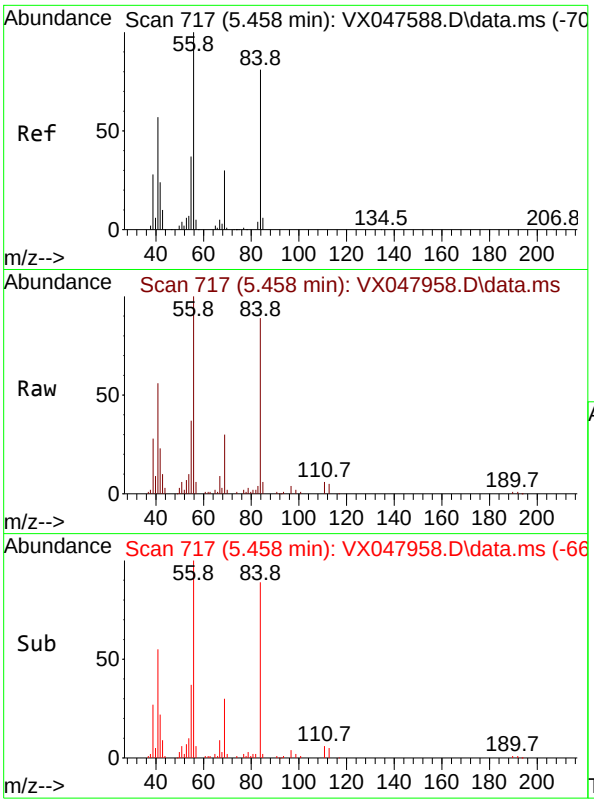


#30
Chloroform
Concen: 18.931 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 83 Resp: 73476

Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.8	77.6



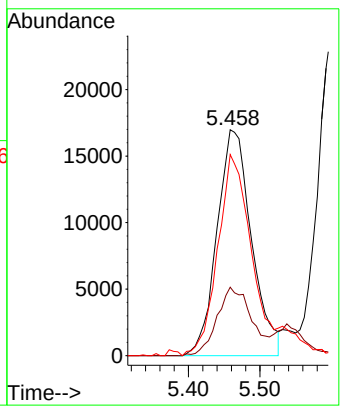


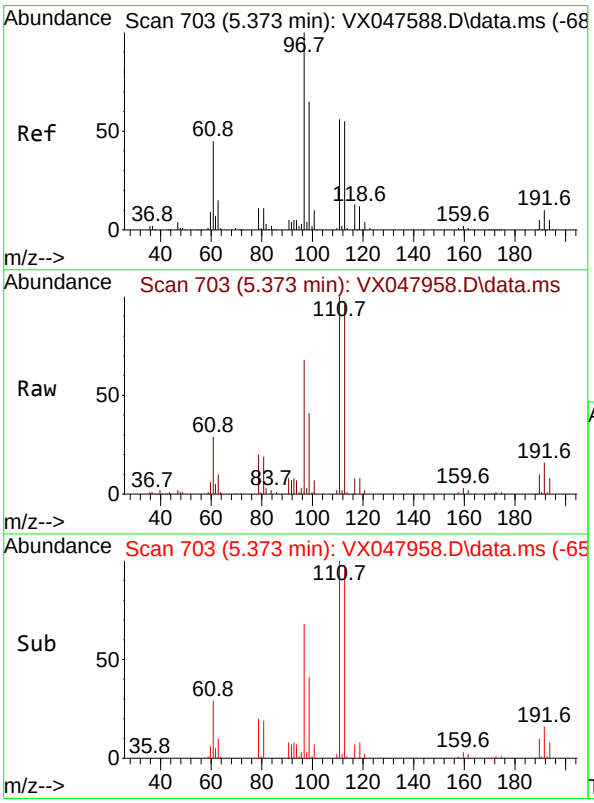
#31
Cyclohexane
Concen: 17.787 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion: 56 Resp: 56900

Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.8	35.8
84	87.3	64.6	97.0

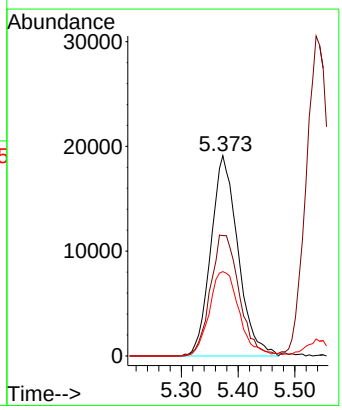


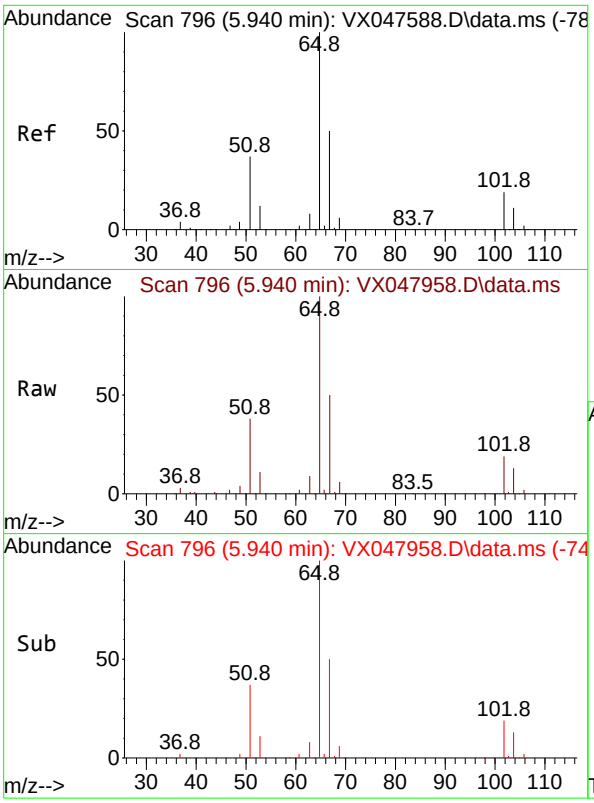


#32
1,1,1-Trichloroethane
Concen: 19.311 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 97 Resp: 63575

Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.6	76.0
61	46.4	35.8	53.8



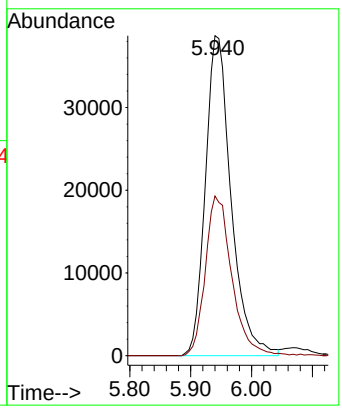


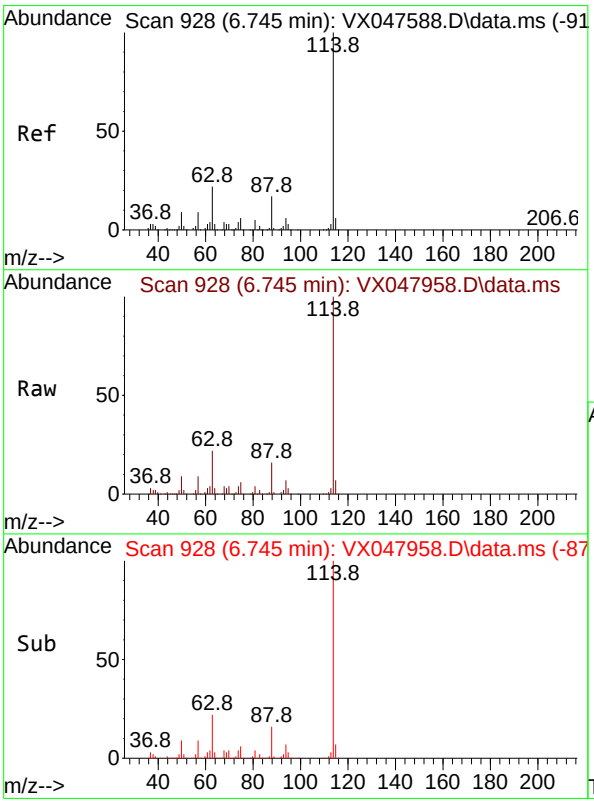
#33
1,2-Dichloroethane-d4
Concen: 46.826 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion: 65 Resp: 113361

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	103.0

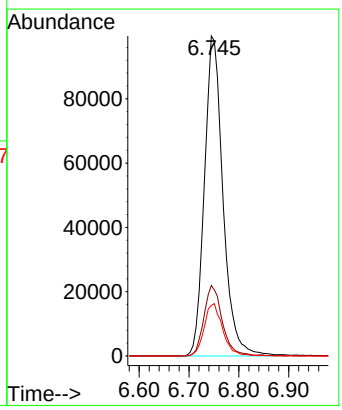


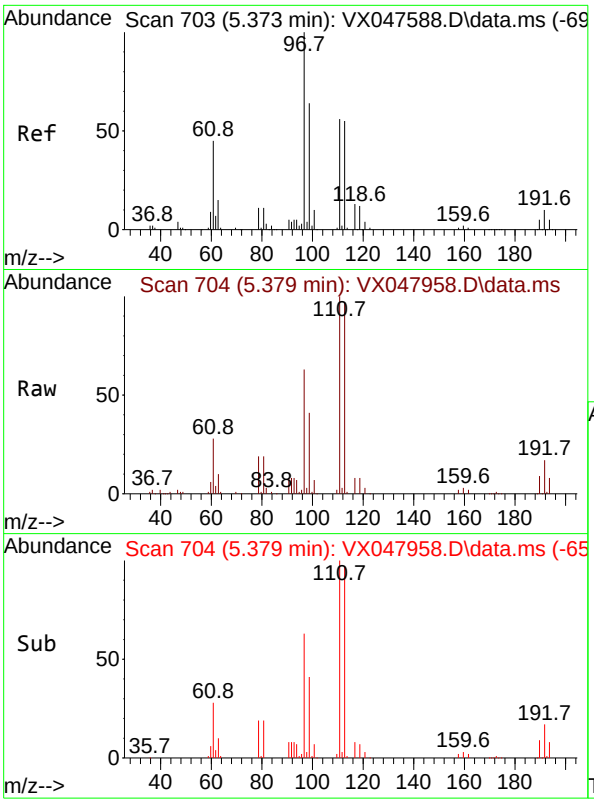


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:114 Resp: 257772

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	44.0
88	15.8	0.0	34.2



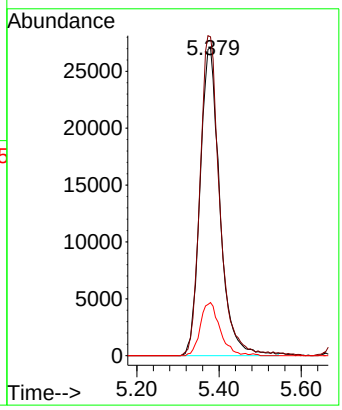


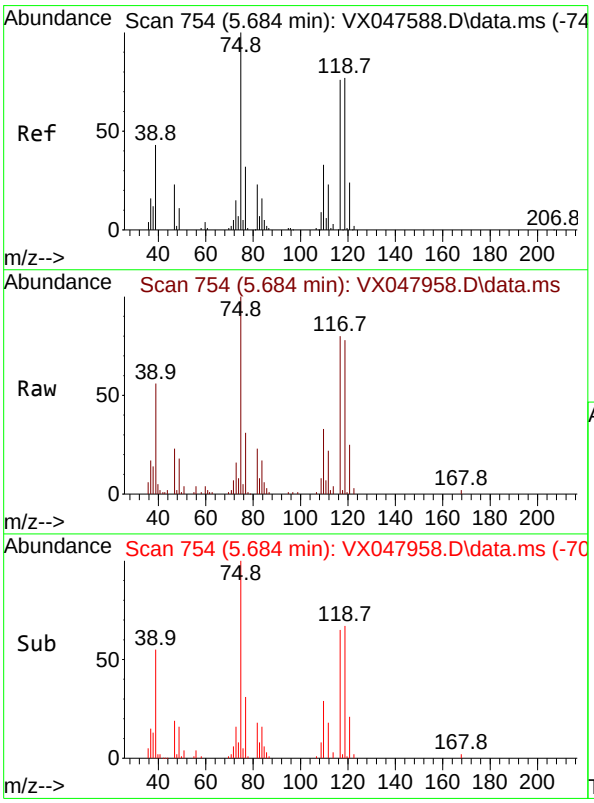
#35
Dibromofluoromethane
Concen: 52.195 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion:113 Resp: 90232

Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.9	121.3
192	17.2	14.2	21.4

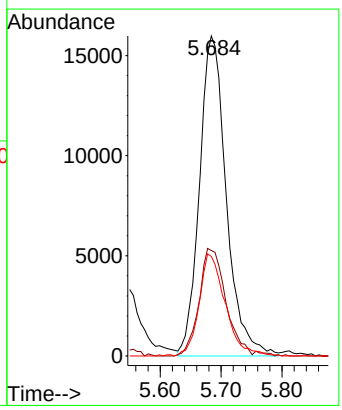


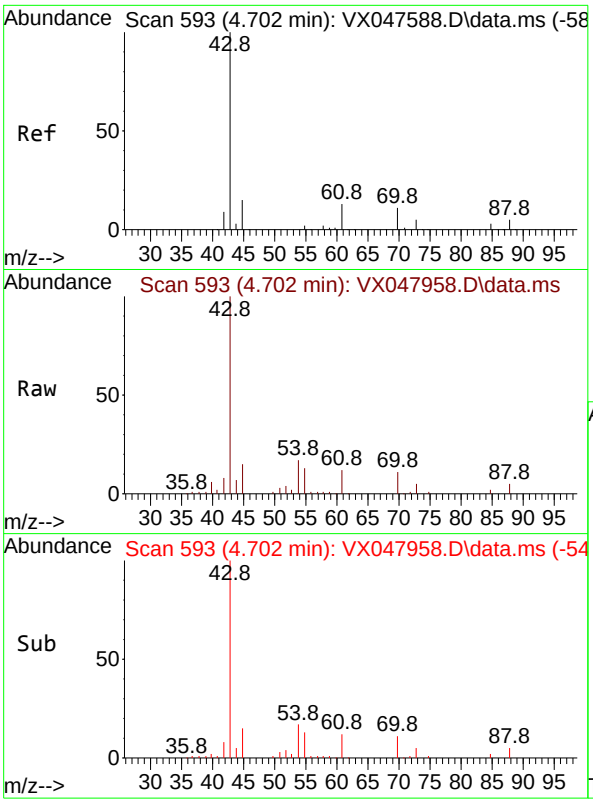


#36
1,1-Dichloropropene
Concen: 19.390 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 75 Resp: 48982

Ion	Ratio	Lower	Upper
75	100		
110	33.3	16.7	50.1
77	31.1	24.3	36.5



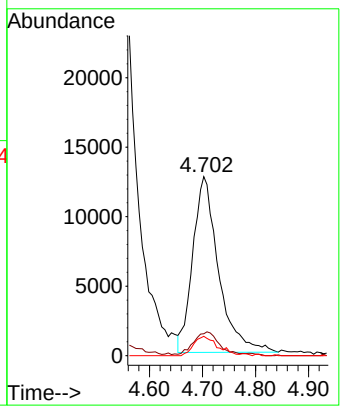


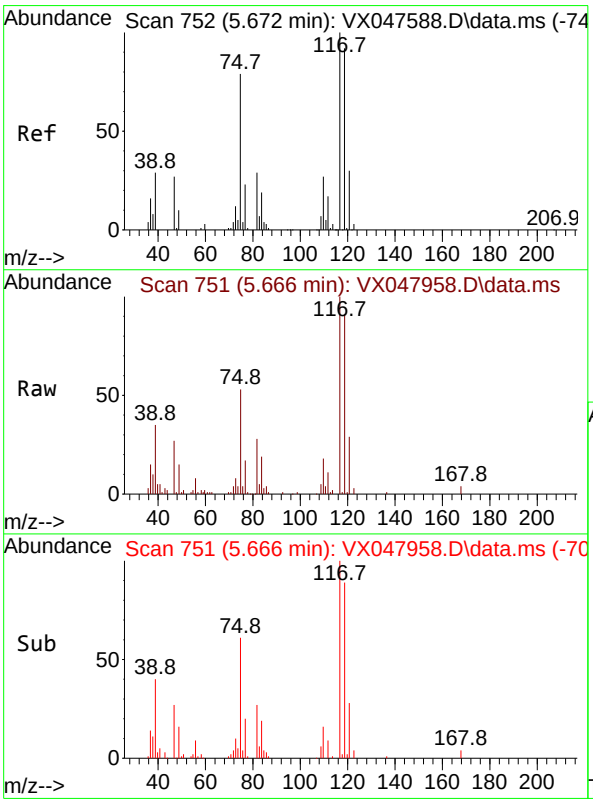
#37
Ethyl Acetate
Concen: 15.817 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion: 43 Resp: 42781

Ion	Ratio	Lower	Upper
43	100		
61	11.8	9.8	14.8
70	10.2	7.9	11.9

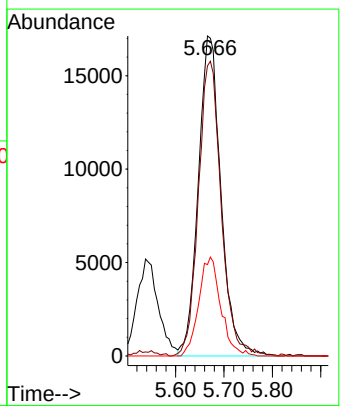


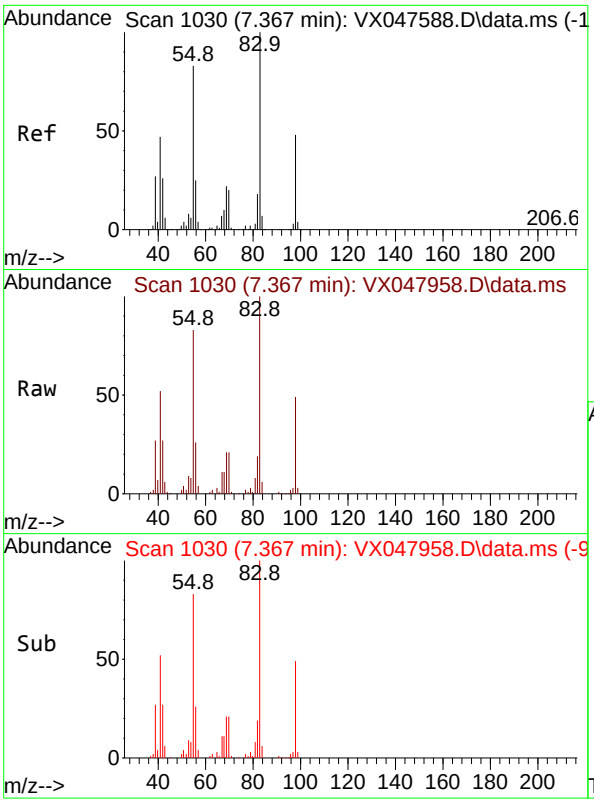


#38
Carbon Tetrachloride
Concen: 20.321 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:117 Resp: 55774

Ion	Ratio	Lower	Upper
117	100		
119	90.7	73.4	110.2
121	28.5	23.8	35.6



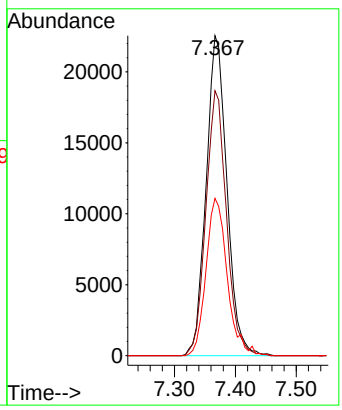


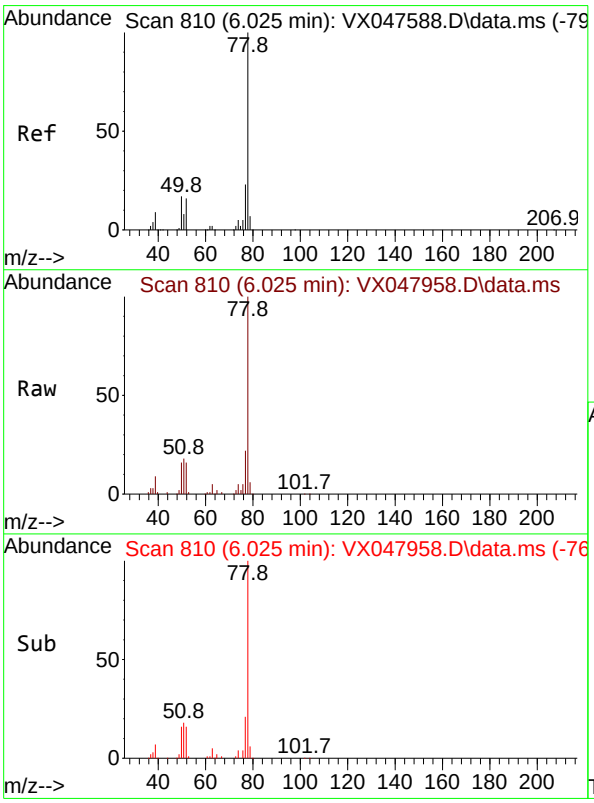
#39
Methylcyclohexane
Concen: 18.665 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion: 83 Resp: 53521

Ion	Ratio	Lower	Upper
83	100		
55	82.8	66.4	99.6
98	49.2	38.1	57.1

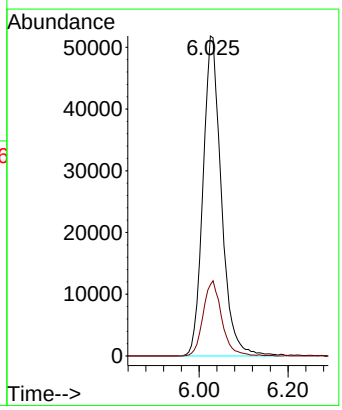


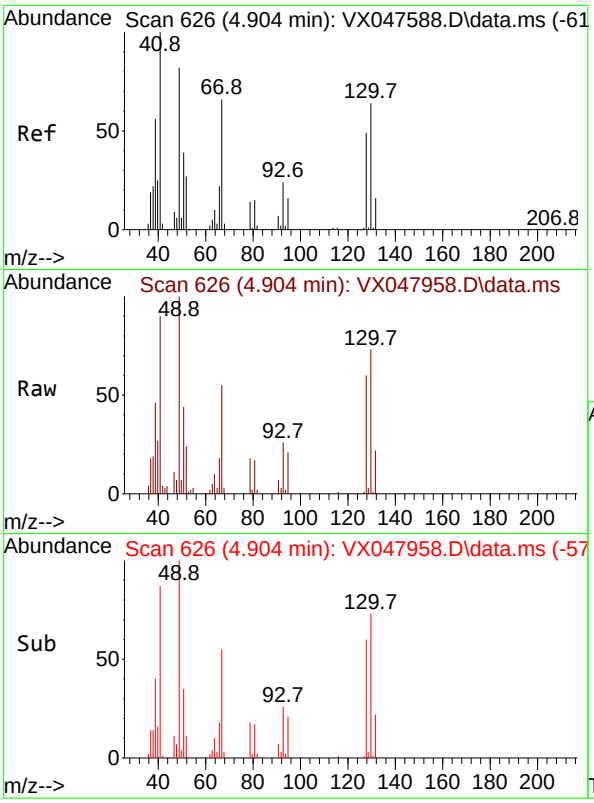


#40
Benzene
Concen: 19.423 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 78 Resp: 149020

Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.8	28.2



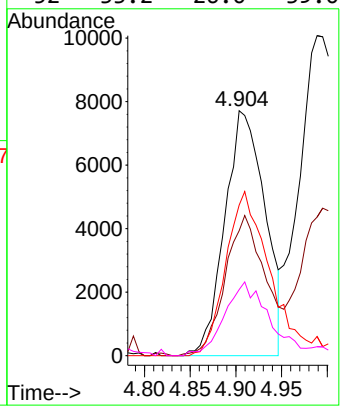


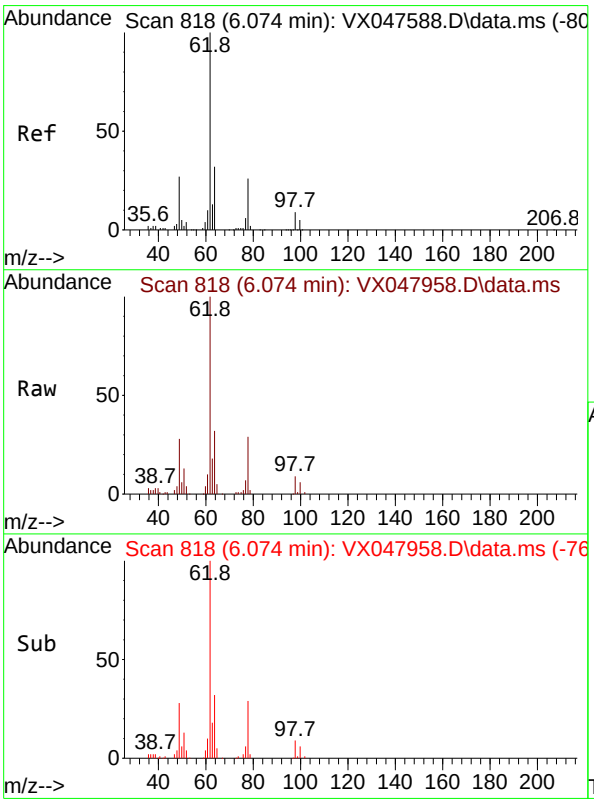
#41
Methacrylonitrile
Concen: 16.896 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion: 41 Resp: 23592

Ion	Ratio	Lower	Upper
41	100		
39	58.3	43.3	64.9
67	75.6	58.6	87.8
52	33.2	26.0	39.0

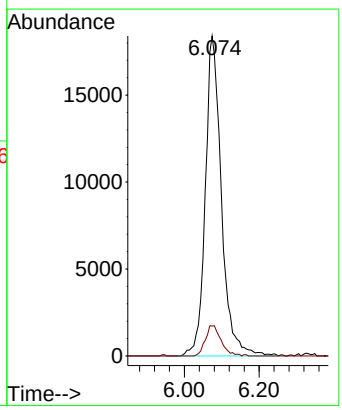


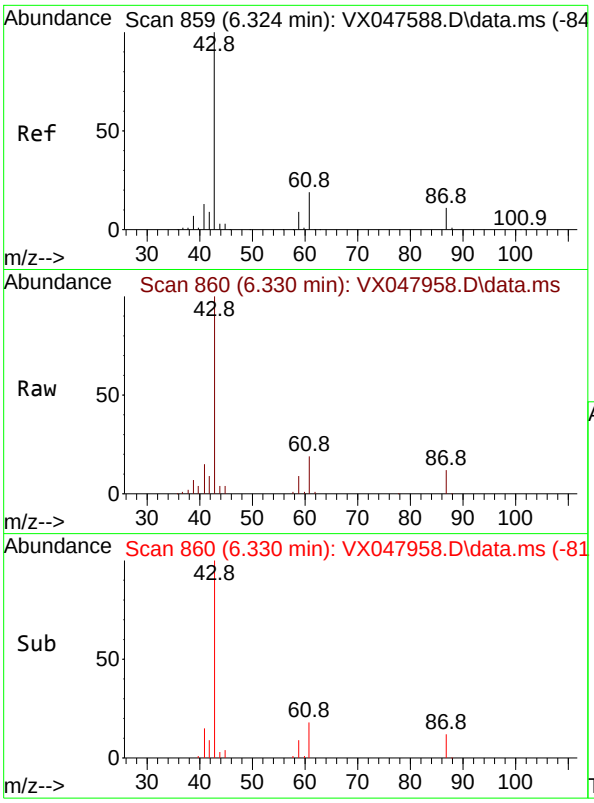


#42
1,2-Dichloroethane
Concen: 18.859 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 62 Resp: 55056

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.0



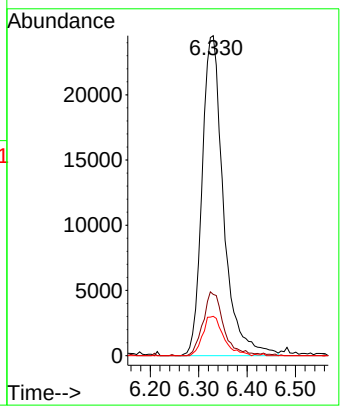


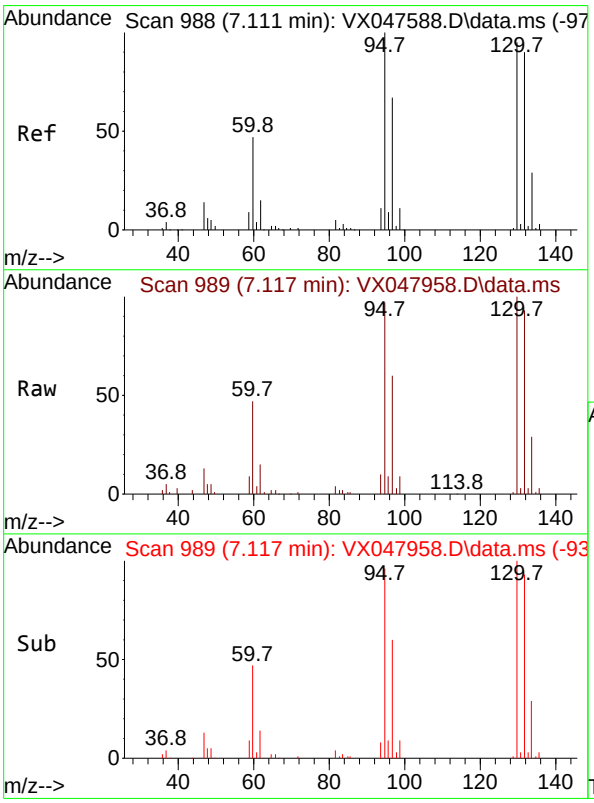
#43
Isopropyl Acetate
Concen: 17.001 ug/l
RT: 6.330 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion: 43 Resp: 75418

Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.2	22.8
87	12.0	9.6	14.4

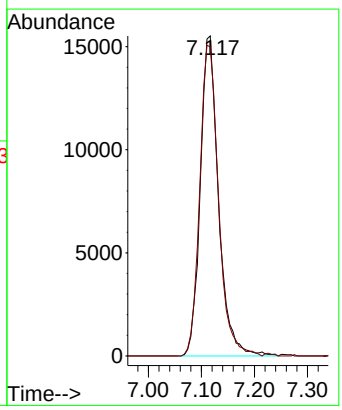


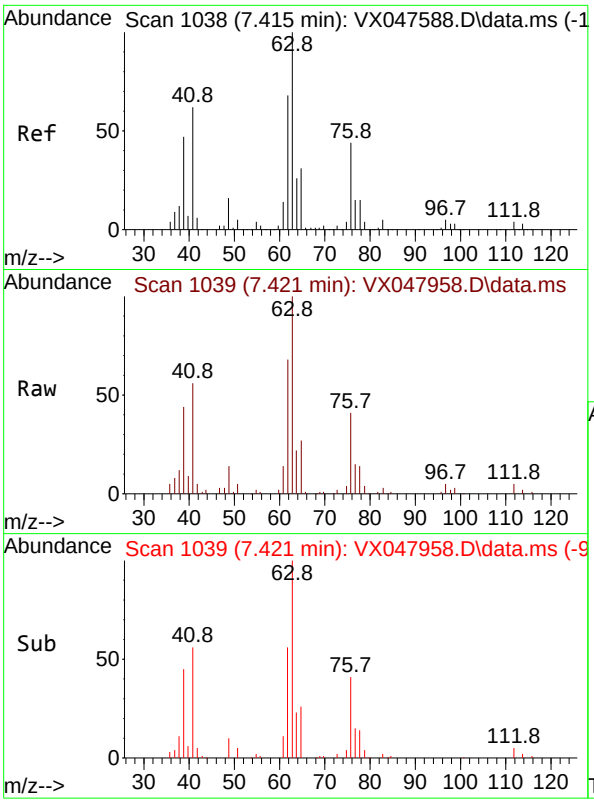


#44
Trichloroethene
Concen: 19.927 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:130 Resp: 36963

Ion	Ratio	Lower	Upper
130	100		
95	105.5	0.0	210.8



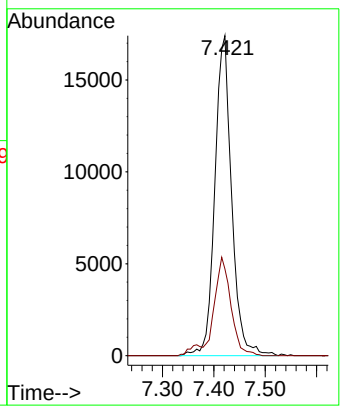


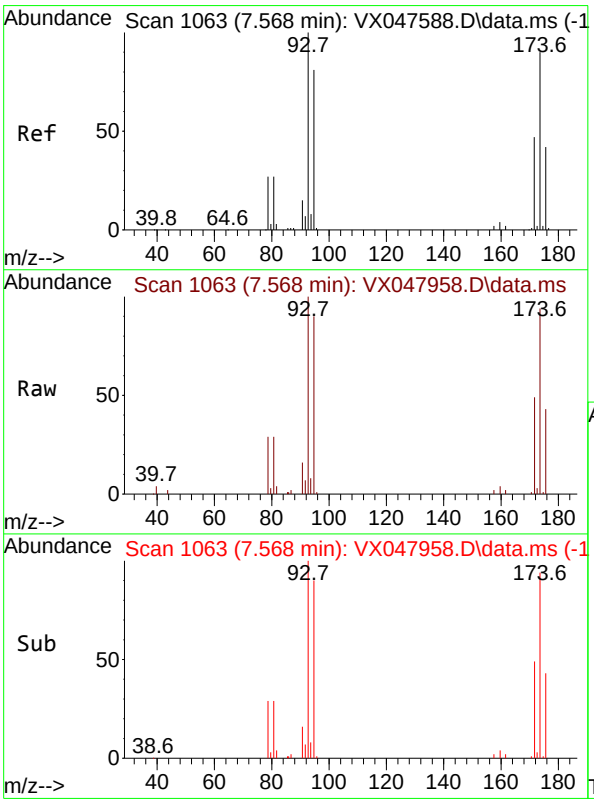
#45
1,2-Dichloropropane
Concen: 20.105 ug/l
RT: 7.421 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion: 63 Resp: 39499

Ion	Ratio	Lower	Upper
63	100		
65	27.1	24.7	37.1

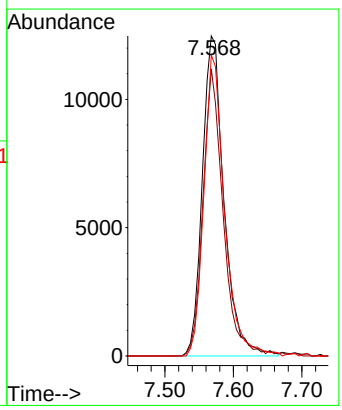


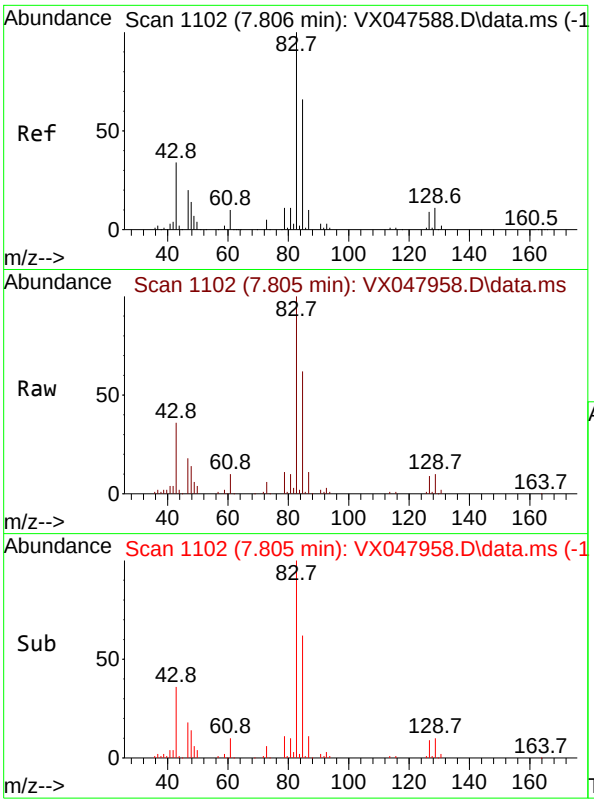


#46
Dibromomethane
Concen: 19.219 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 93 Resp: 27477

Ion	Ratio	Lower	Upper
93	100		
95	84.0	65.0	97.6
174	89.7	71.6	107.4



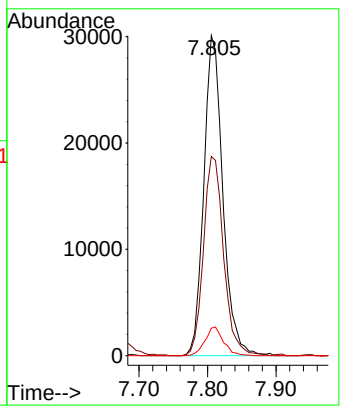


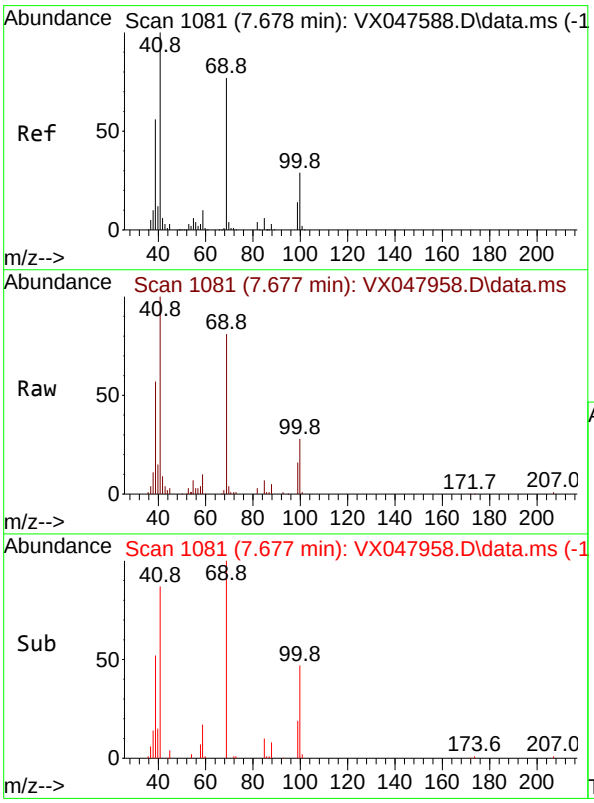
#47
Bromodichloromethane
Concen: 19.753 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion: 83 Resp: 58275

Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.5	78.7
127	8.6	6.9	10.3

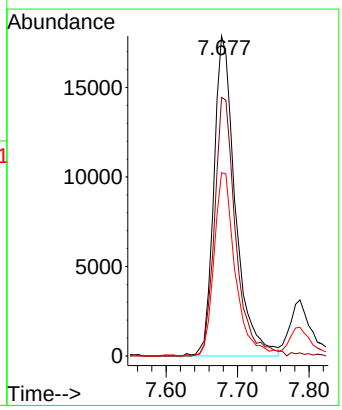


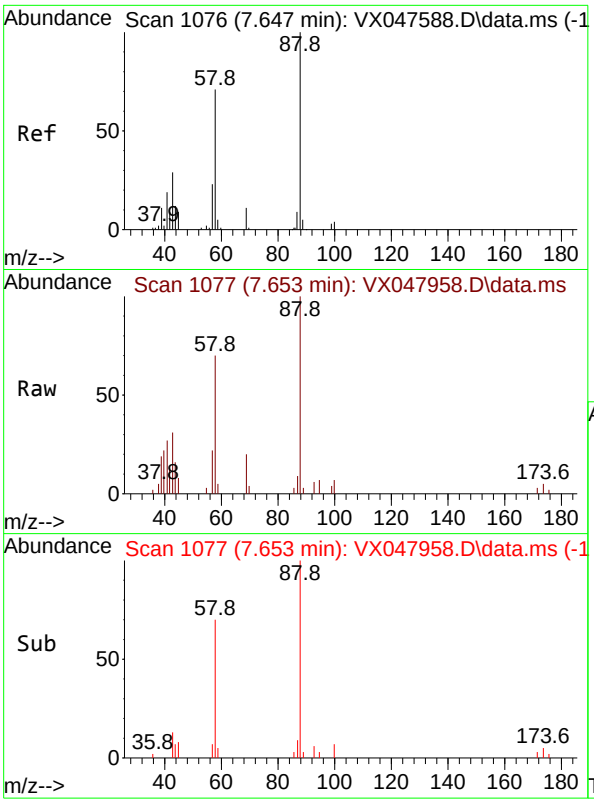


#48
Methyl methacrylate
Concen: 16.892 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 41 Resp: 37325

Ion	Ratio	Lower	Upper
41	100		
69	79.3	61.4	92.2
39	56.6	45.8	68.6



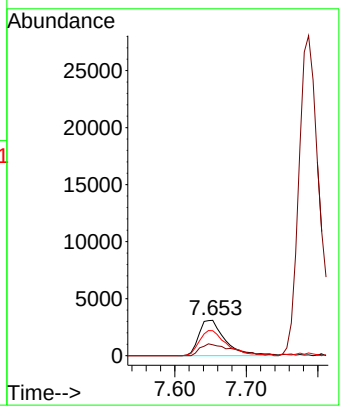


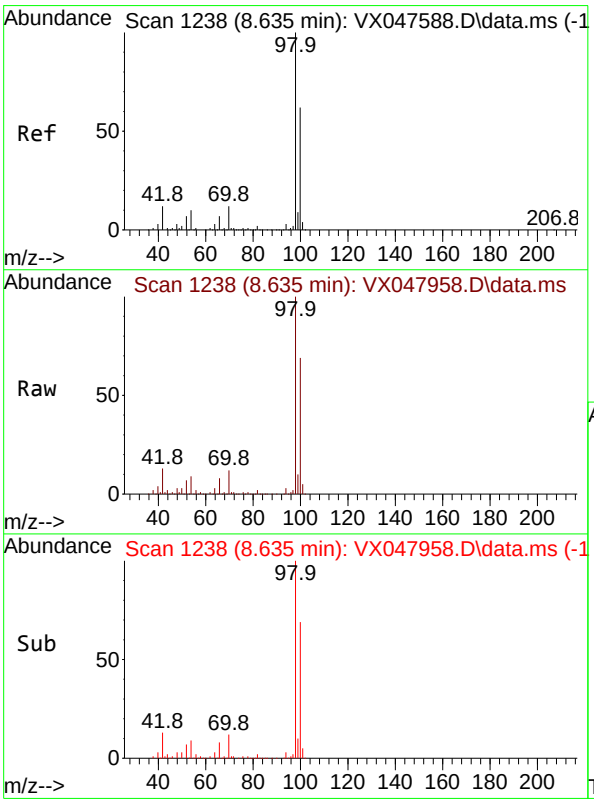
#49
1,4-Dioxane
Concen: 354.762 ug/l
RT: 7.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion: 88 Resp: 7922

Ion	Ratio	Lower	Upper
88	100		
43	41.8	30.2	45.2
58	73.7	59.5	89.3

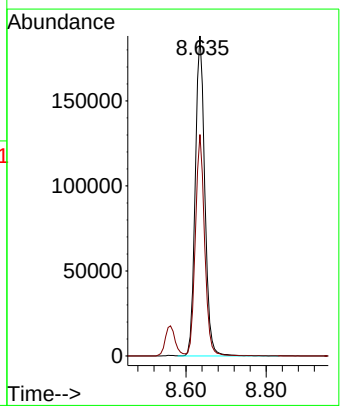


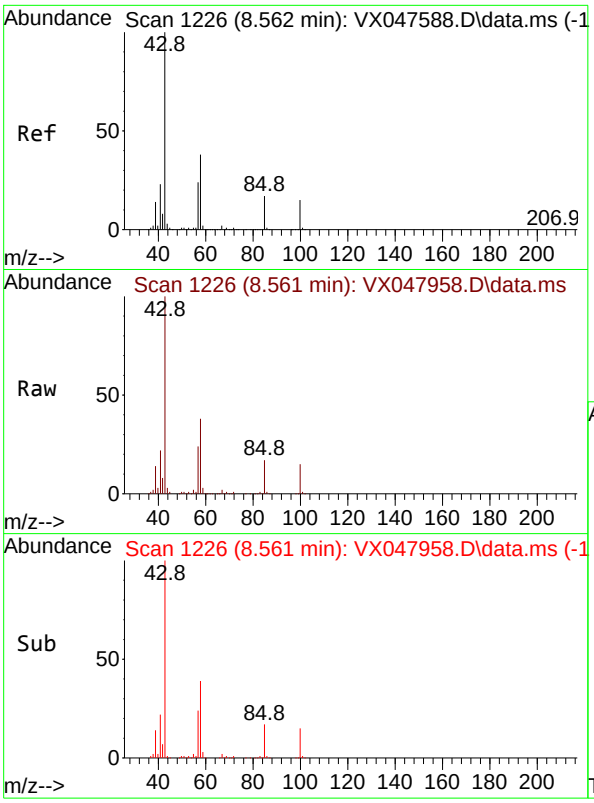


#50
Toluene-d8
Concen: 51.781 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 98 Resp: 309747

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.0	79.4



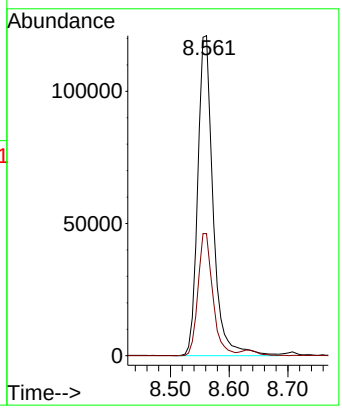


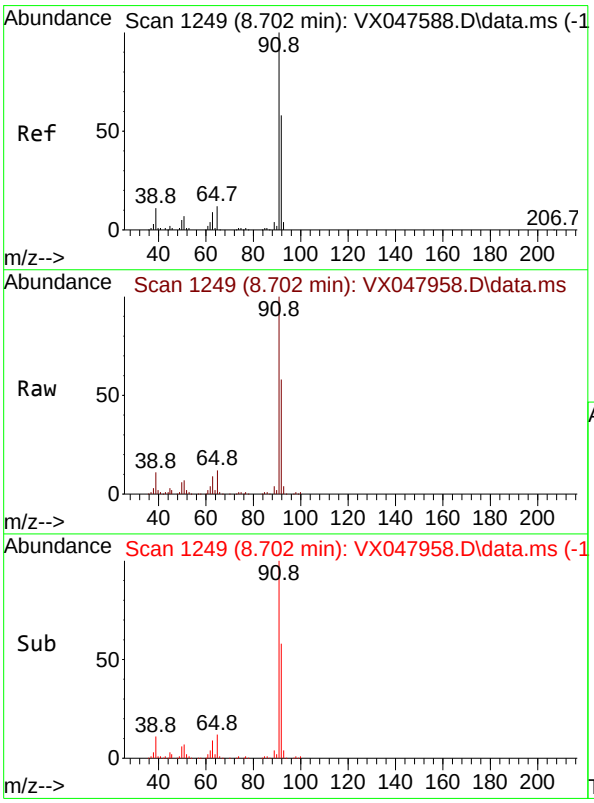
#51
4-Methyl-2-Pentanone
Concen: 89.414 ug/l
RT: 8.561 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion: 43 Resp: 219915

Ion	Ratio	Lower	Upper
43	100		
58	36.8	30.3	45.5

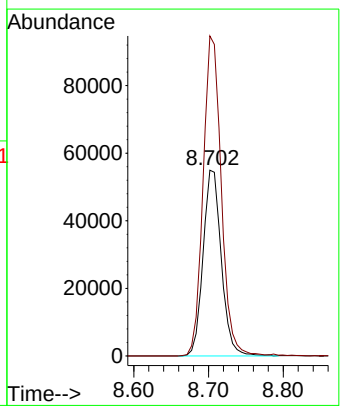


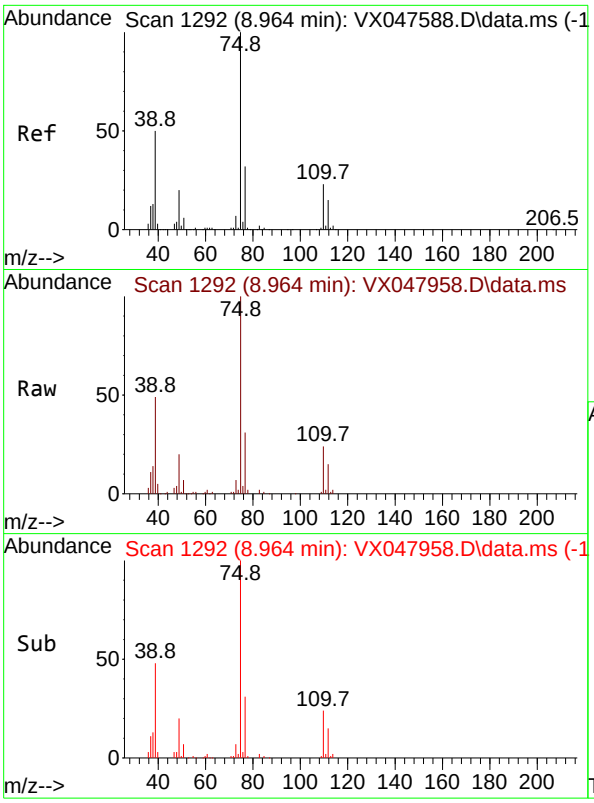


#52
Toluene
Concen: 19.721 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 92 Resp: 93220

Ion	Ratio	Lower	Upper
92	100		
91	171.7	137.1	205.7



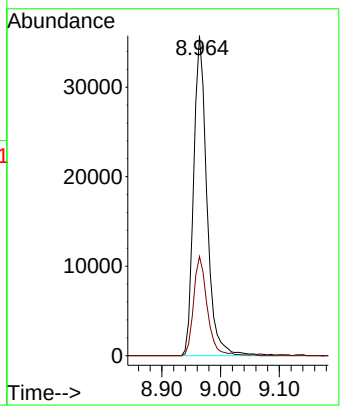


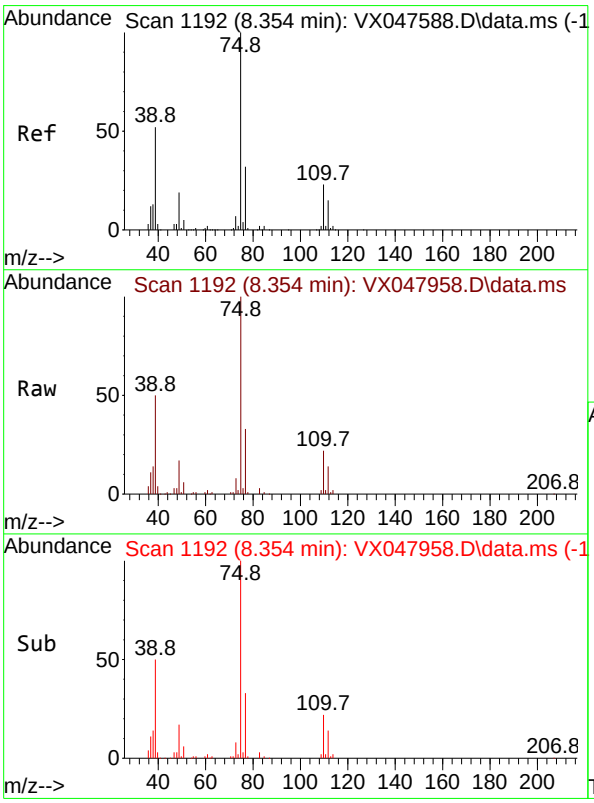
#53
t-1,3-Dichloropropene
Concen: 18.690 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion: 75 Resp: 56244

Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.4	38.2

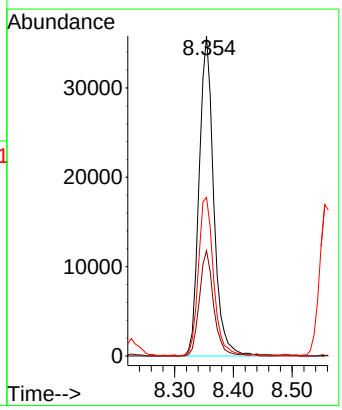


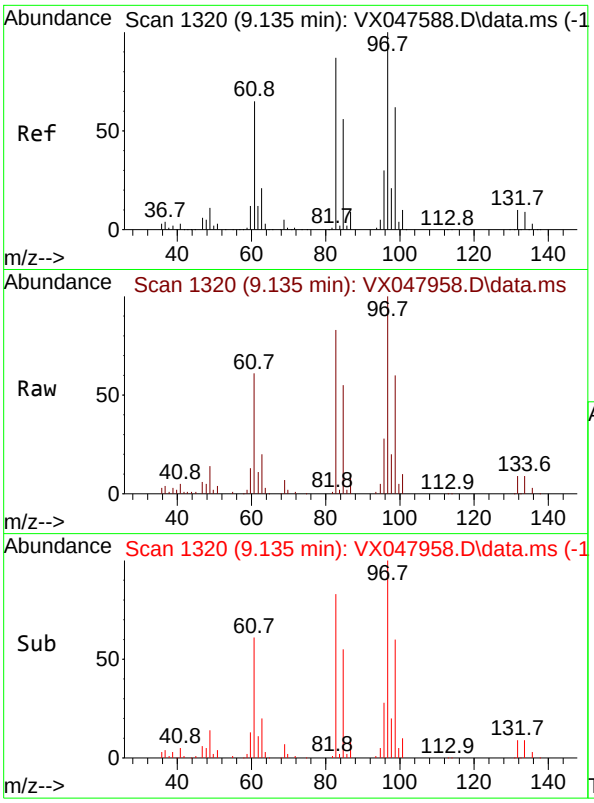


#54
cis-1,3-Dichloropropene
Concen: 19.231 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 75 Resp: 61854

Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.8	38.6
39	49.6	41.4	62.2



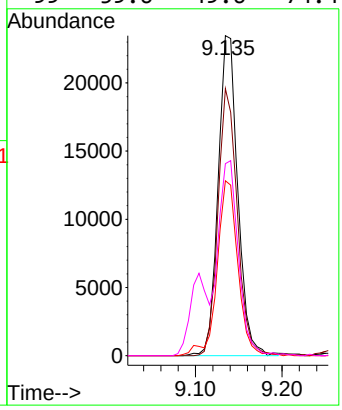


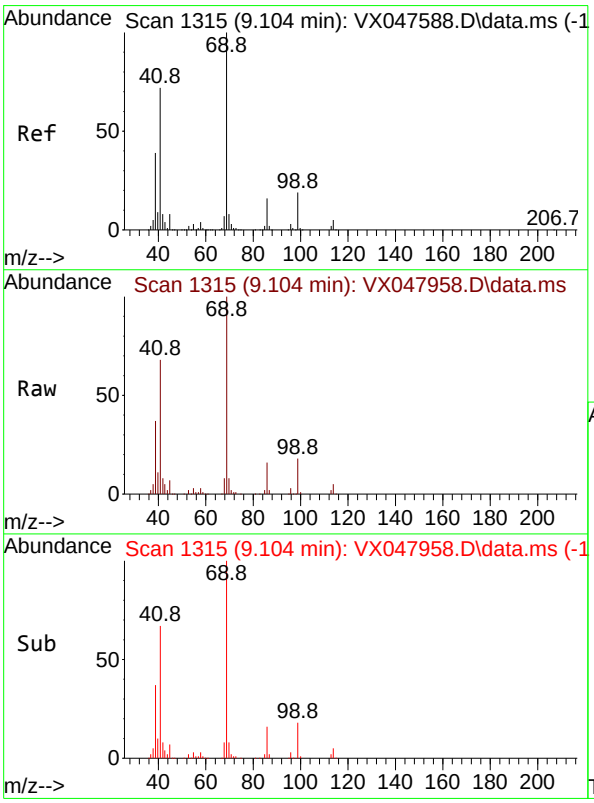
#55
1,1,2-Trichloroethane
Concen: 20.269 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion: 97 Resp: 36945

Ion	Ratio	Lower	Upper
97	100		
83	83.4	69.6	104.4
85	54.2	45.0	67.6
99	59.6	49.6	74.4

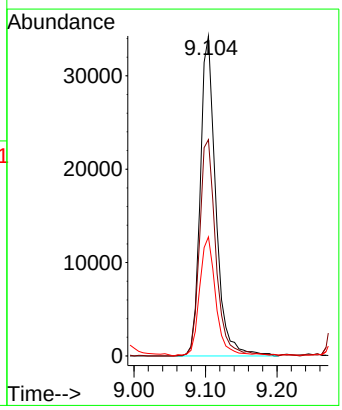


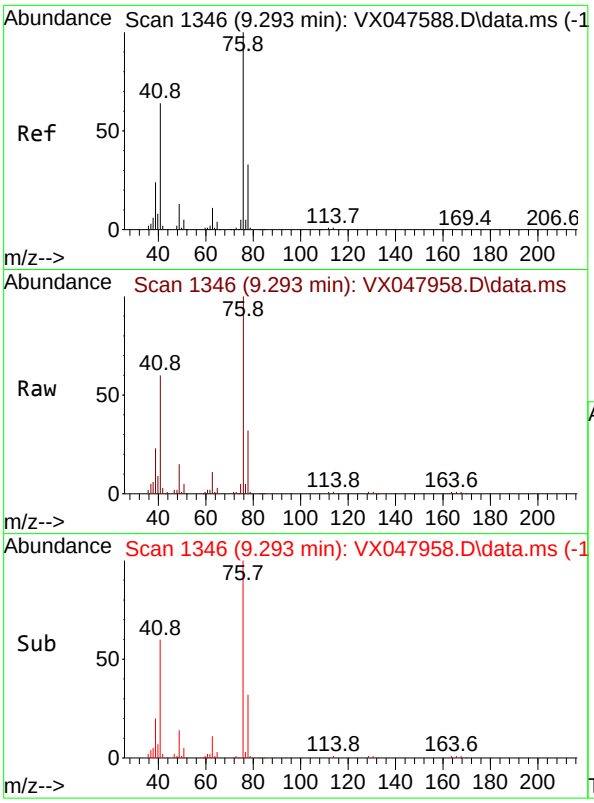


#56
Ethyl methacrylate
Concen: 18.082 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 69 Resp: 51760

Ion	Ratio	Lower	Upper
69	100		
41	71.6	58.6	87.8
39	39.4	31.5	47.3



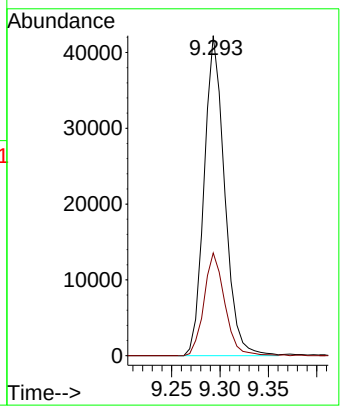


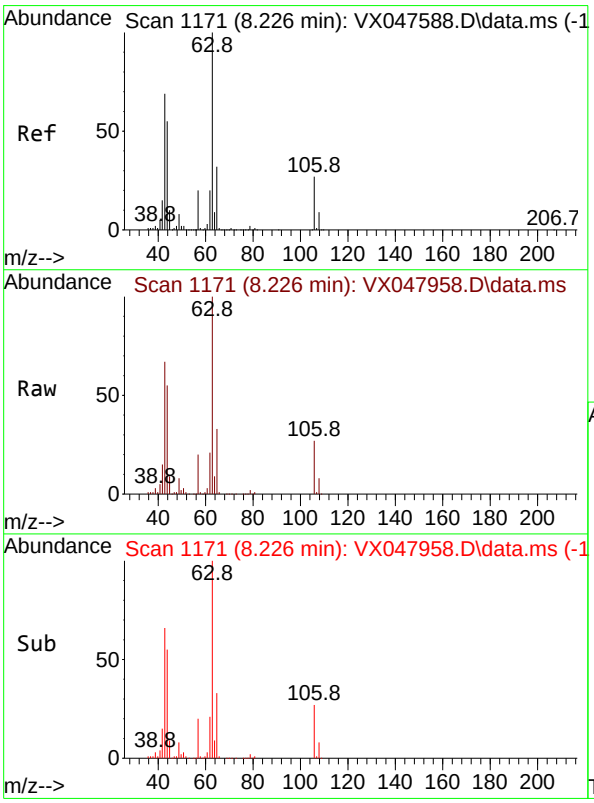
#57
1,3-Dichloropropane
Concen: 19.950 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion: 76 Resp: 62466

Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.2	39.4

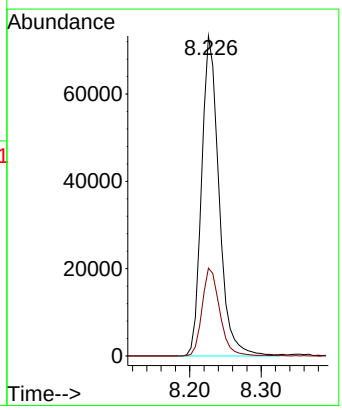


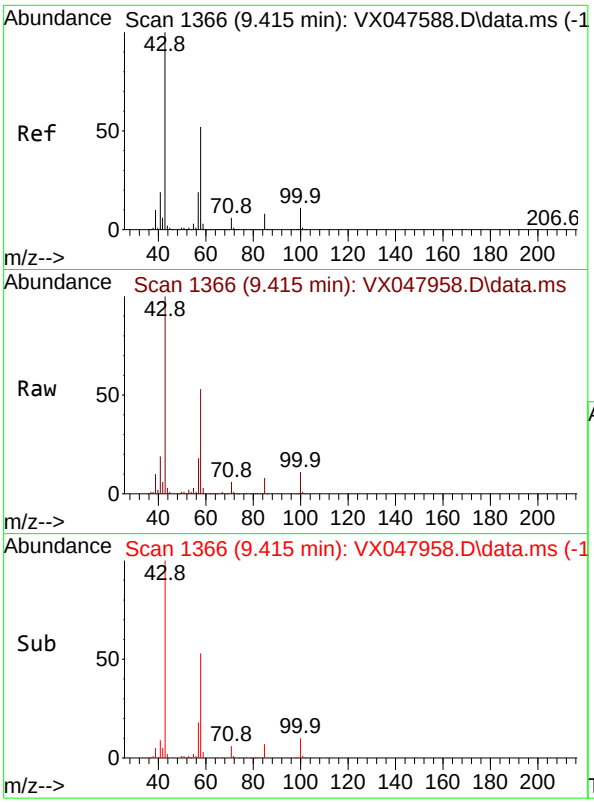


#58
2-Chloroethyl Vinyl ether
Concen: 97.834 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 63 Resp: 124044

Ion	Ratio	Lower	Upper
63	100		
106	27.9	21.9	32.9



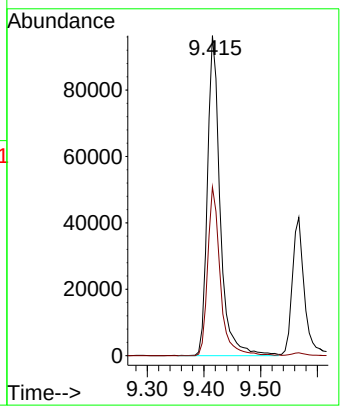


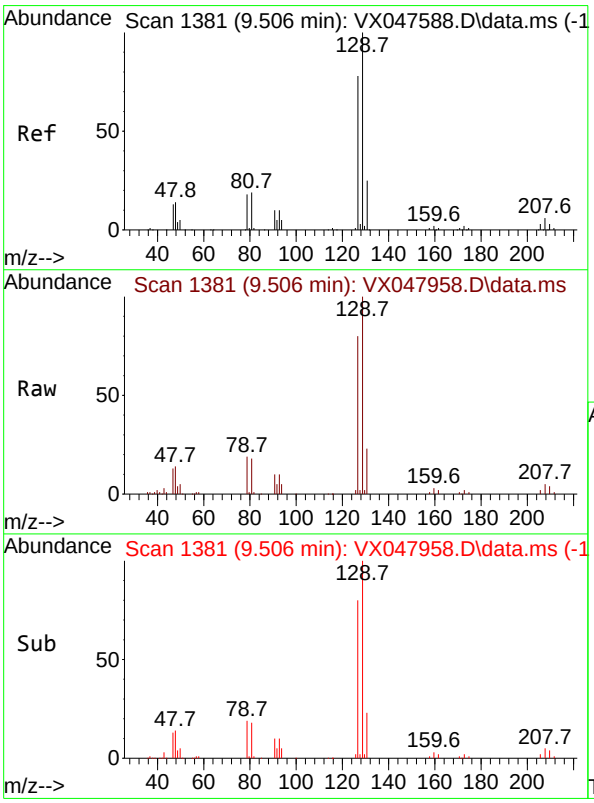
#59
2-Hexanone
Concen: 84.974 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion: 43 Resp: 150100

Ion	Ratio	Lower	Upper
43	100		
58	52.1	26.1	78.2

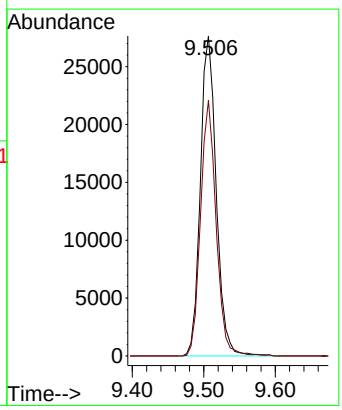


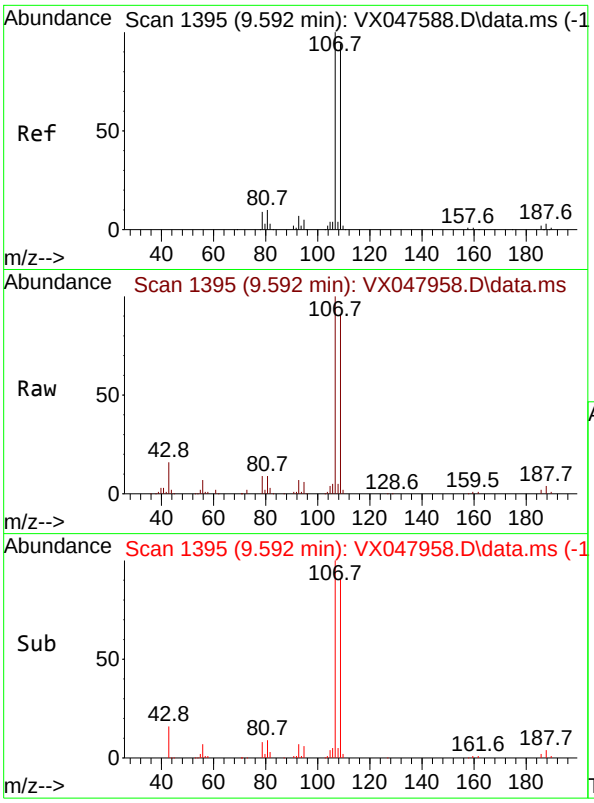


#60
Dibromochloromethane
Concen: 20.284 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:129 Resp: 42599

Ion	Ratio	Lower	Upper
129	100		
127	78.4	38.4	115.2



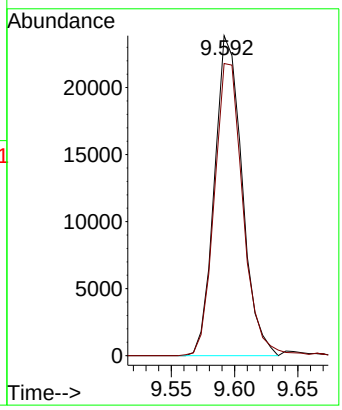


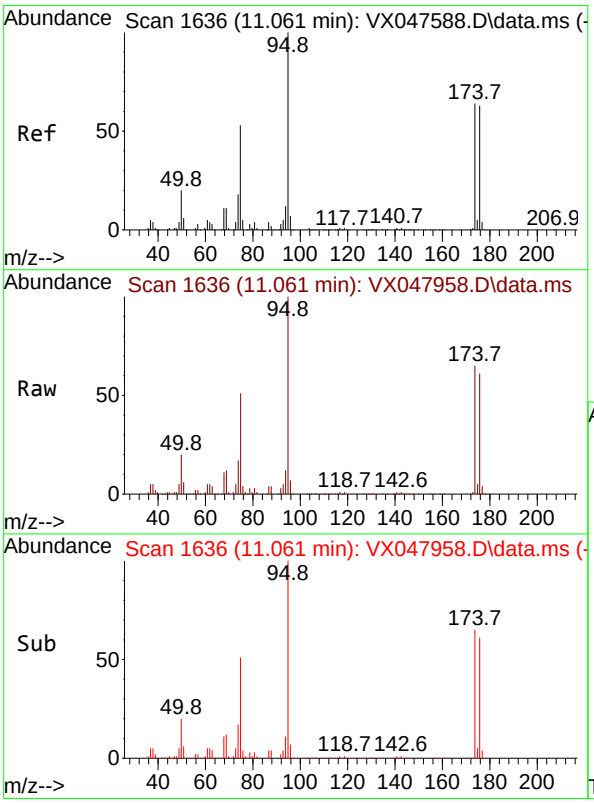
#61
1,2-Dibromoethane
Concen: 19.506 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion:107 Resp: 36213

Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.3	112.9

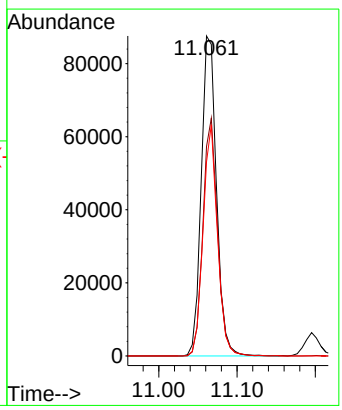


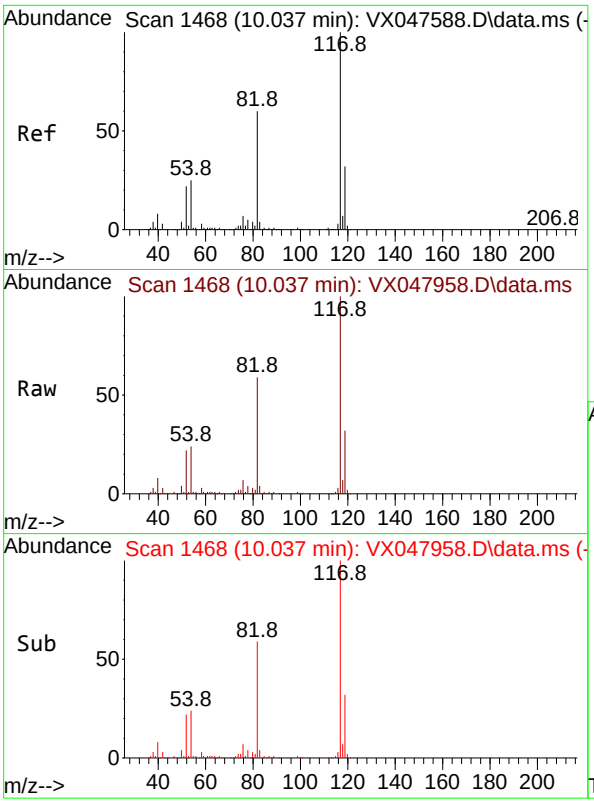


#62
4-Bromofluorobenzene
Concen: 52.060 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 95 Resp: 118188

Ion	Ratio	Lower	Upper
95	100		
174	71.3	0.0	141.6
176	68.3	0.0	138.4



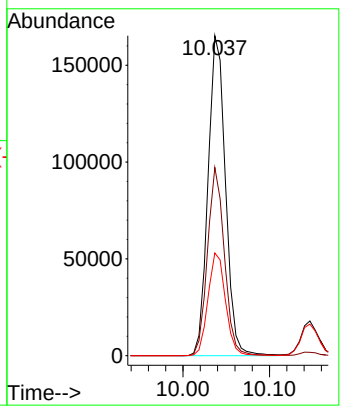


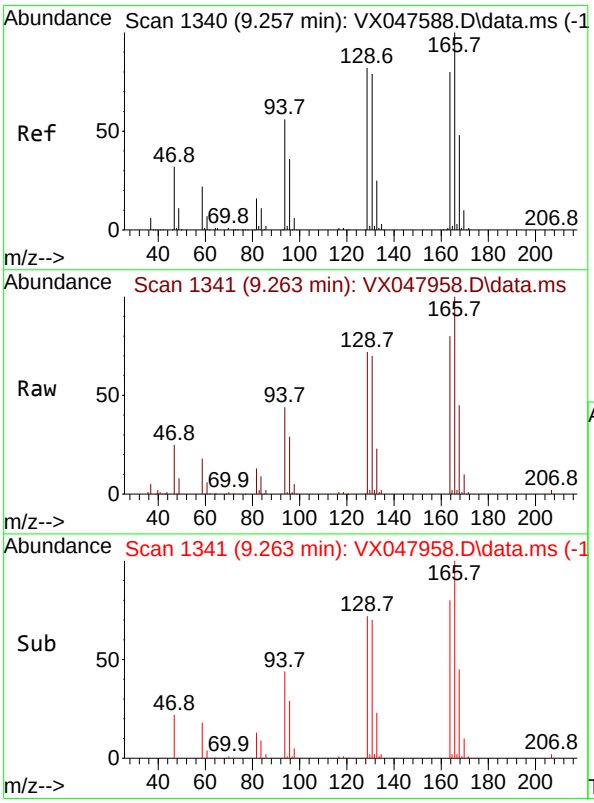
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion:117 Resp: 231464

Ion	Ratio	Lower	Upper
117	100		
82	58.8	47.8	71.6
119	32.1	25.2	37.8

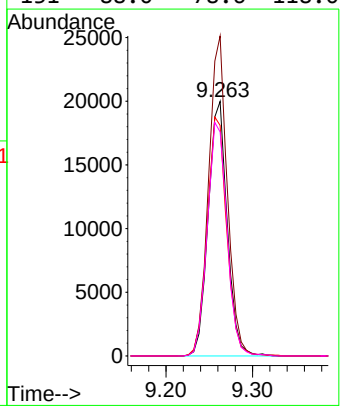


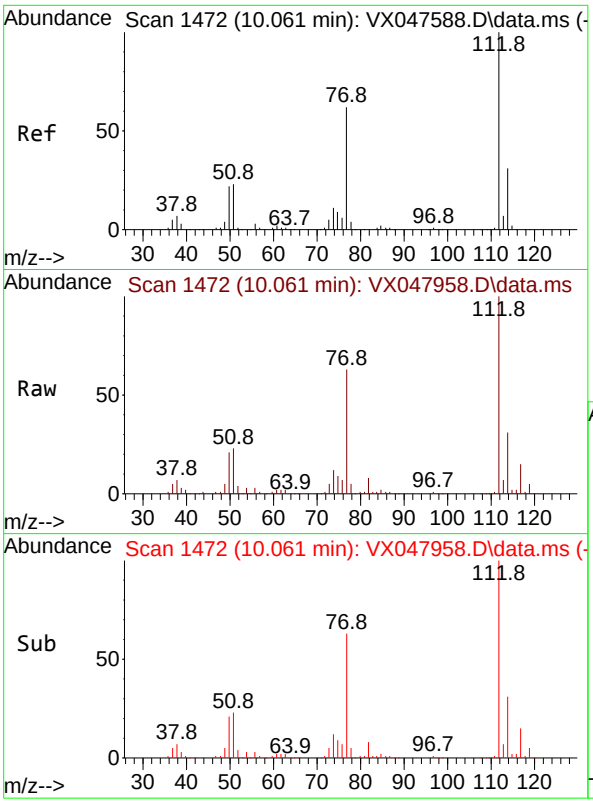


#64
Tetrachloroethene
Concen: 20.139 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:164 Resp: 30388

Ion	Ratio	Lower	Upper
164	100		
166	125.7	100.2	150.2
129	90.6	81.8	122.6
131	88.0	78.6	118.0



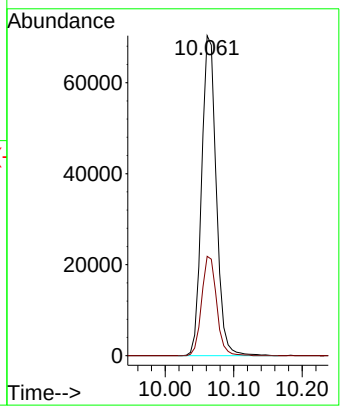


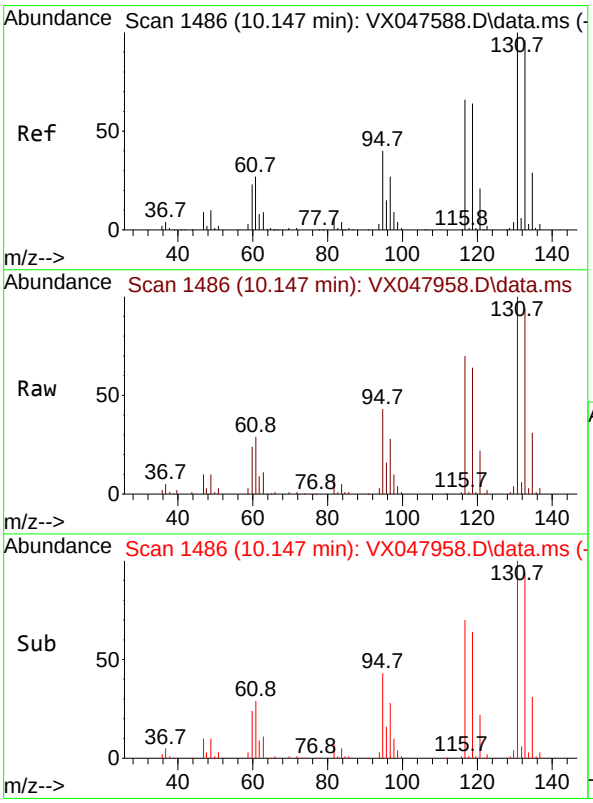
#65
Chlorobenzene
Concen: 19.837 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion:112 Resp: 104311

Ion	Ratio	Lower	Upper
112	100		
114	31.0	25.1	37.7

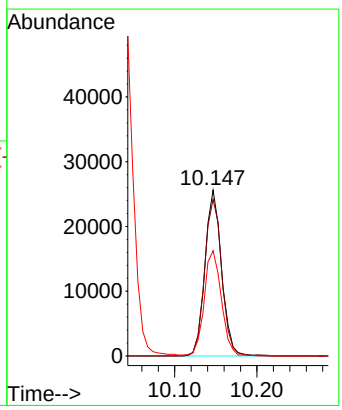


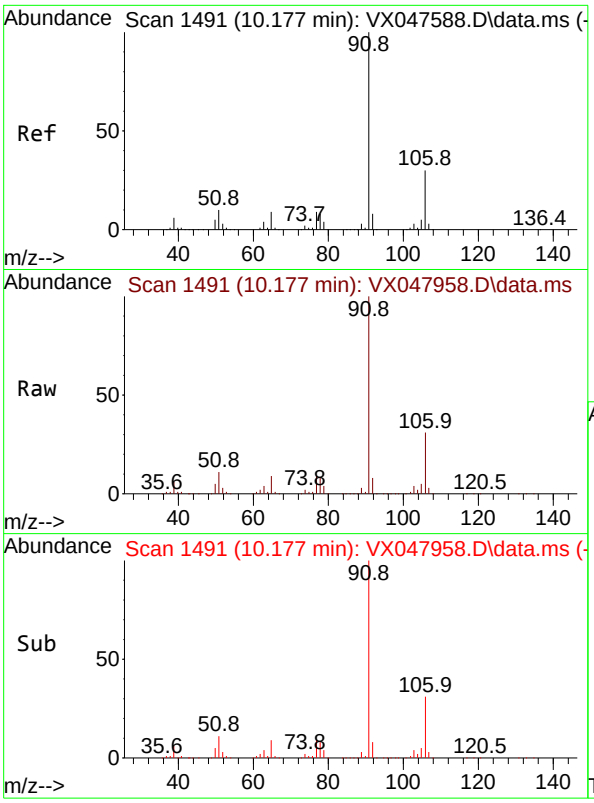


#66
1,1,1,2-Tetrachloroethane
Concen: 19.805 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:131 Resp: 35936

Ion	Ratio	Lower	Upper
131	100		
133	97.1	47.3	142.0
119	65.7	32.0	96.0



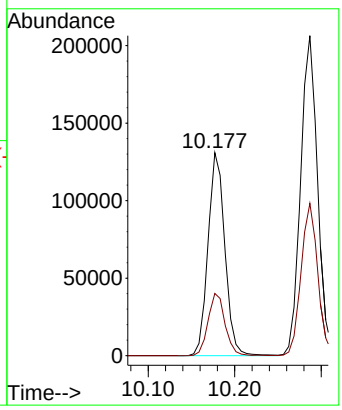


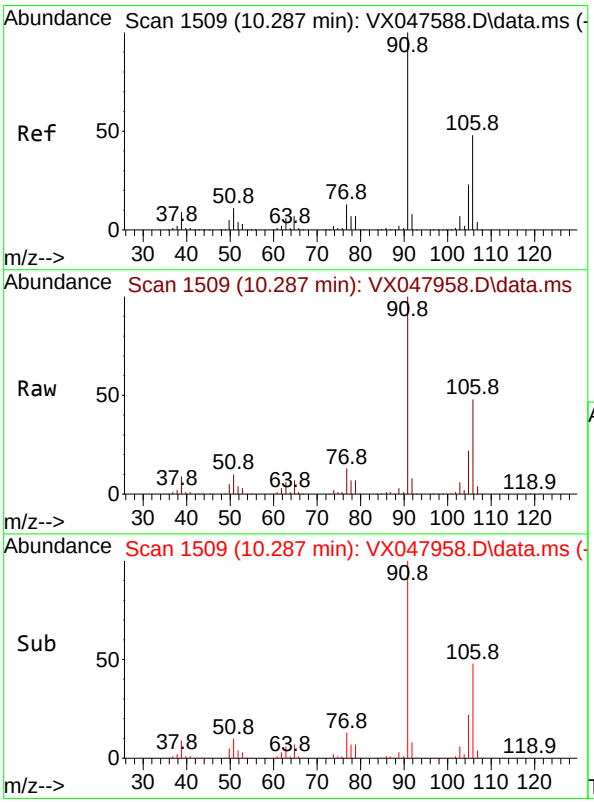
#67
Ethyl Benzene
Concen: 19.497 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion: 91 Resp: 176894

Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.3	36.5

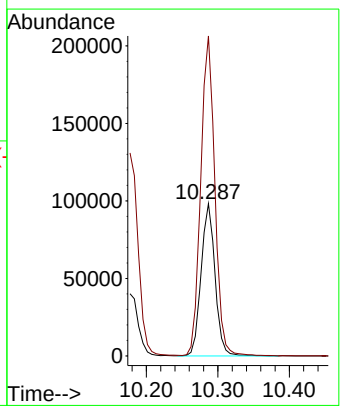


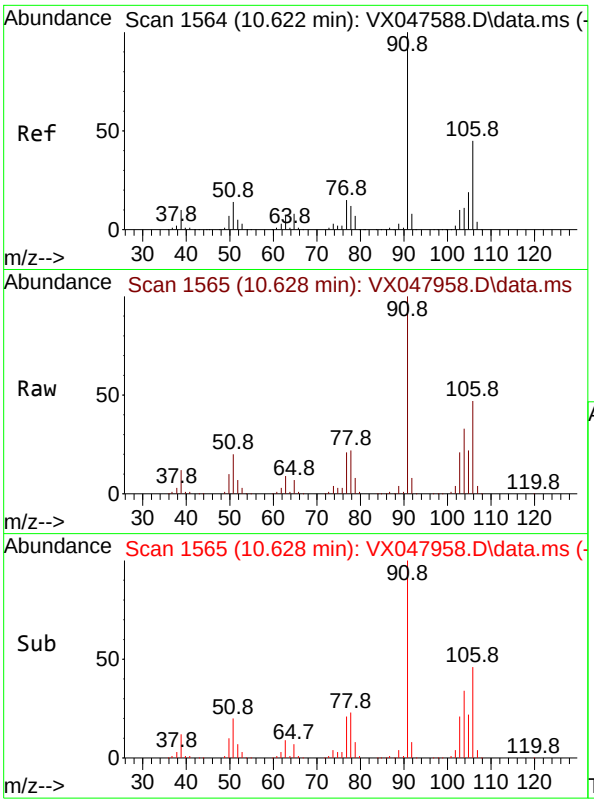


#68
m/p-Xylenes
Concen: 39.361 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:106 Resp: 132924

Ion	Ratio	Lower	Upper
106	100		
91	212.8	167.8	251.8



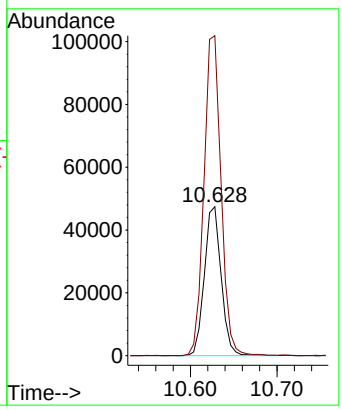


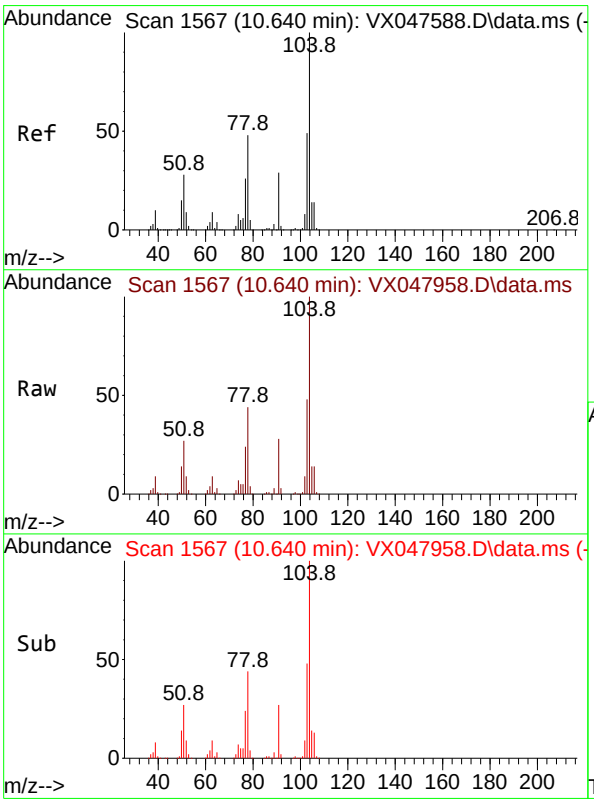
#69
o-Xylene
Concen: 19.549 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion:106 Resp: 63856

Ion	Ratio	Lower	Upper
106	100		
91	219.1	111.1	333.4

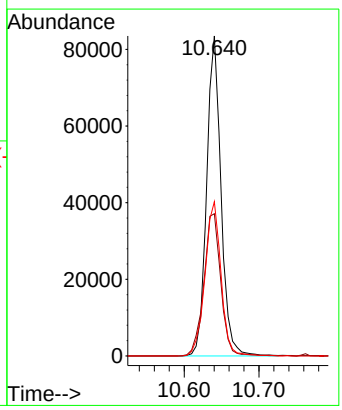


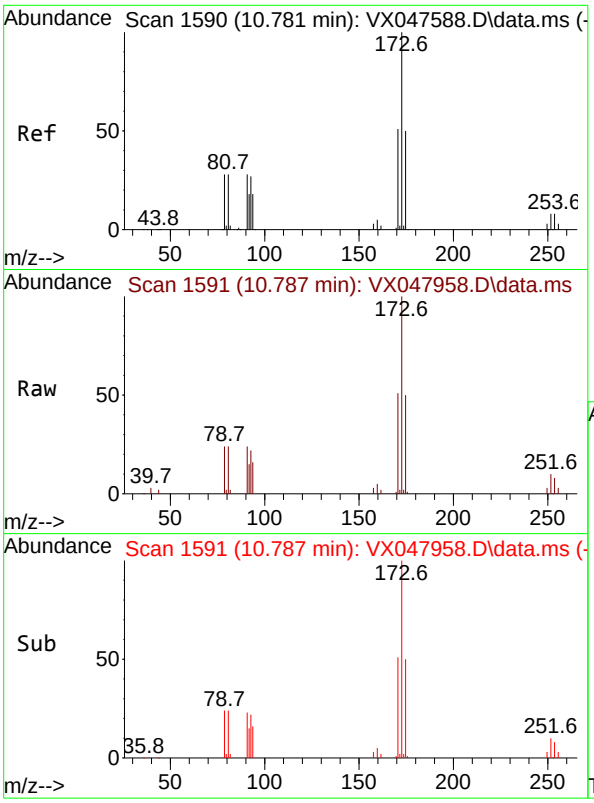


#70
Styrene
Concen: 19.489 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:104 Resp: 111545

Ion	Ratio	Lower	Upper
104	100		
78	52.6	43.1	64.7
103	53.7	43.1	64.7



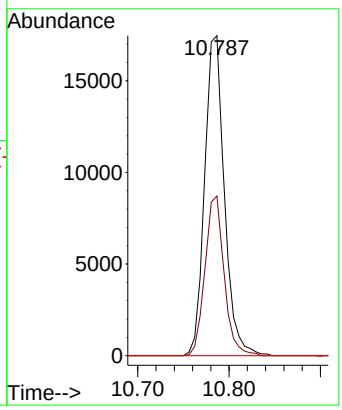


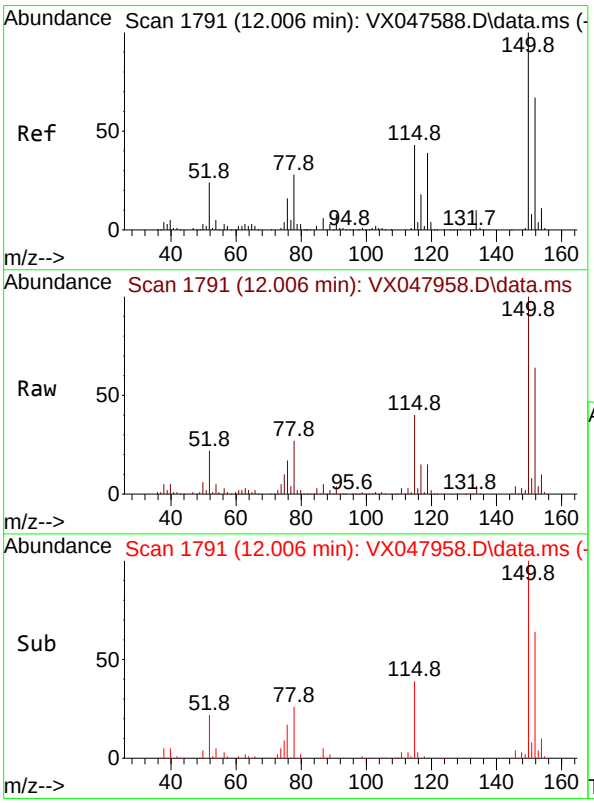
#71
Bromoform
Concen: 19.312 ug/l
RT: 10.787 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion:173 Resp: 26166

Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.9	74.6
254	0.0	0.1	0.1#

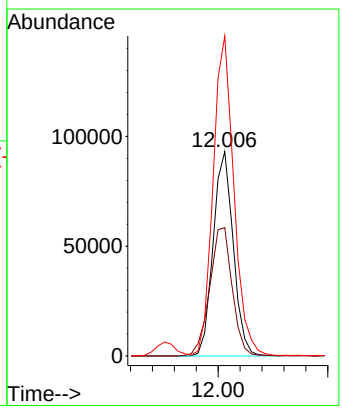


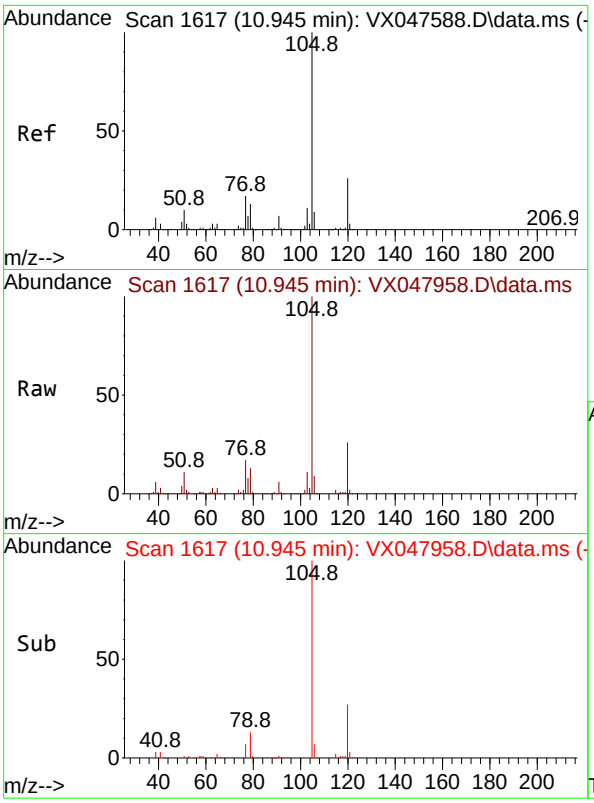


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:152 Resp: 118503

Ion	Ratio	Lower	Upper
152	100		
115	70.4	44.9	134.5
150	162.3	0.0	352.0



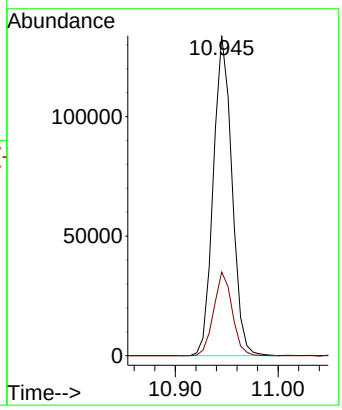


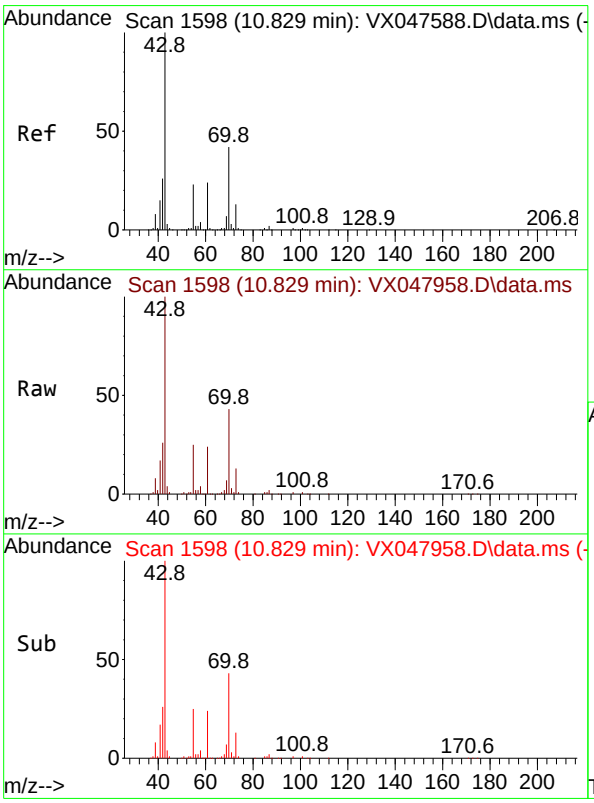
#73
Isopropylbenzene
Concen: 18.677 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion:105 Resp: 168264

Ion	Ratio	Lower	Upper
105	100		
120	25.8	12.8	38.4

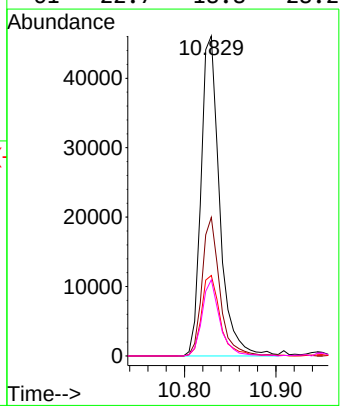


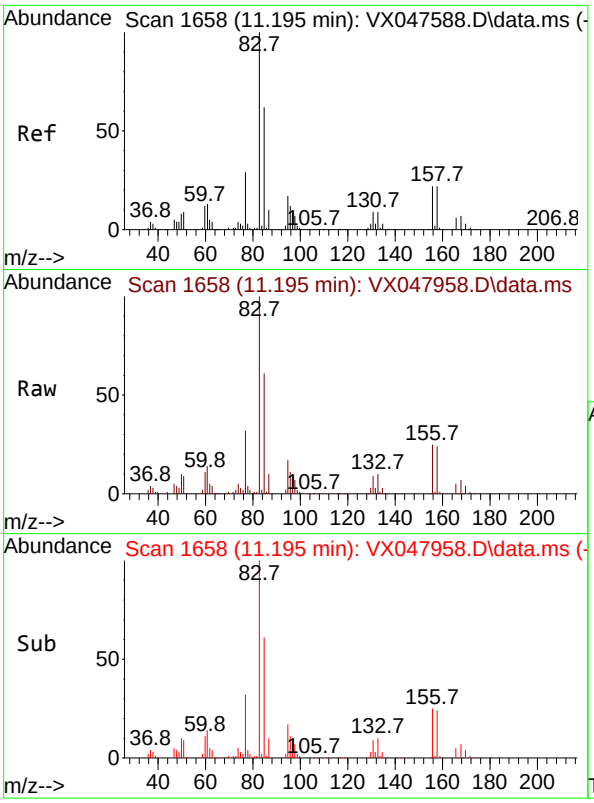


#74
N-amyl acetate
Concen: 15.899 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 43 Resp: 65321

Ion	Ratio	Lower	Upper
43	100		
70	41.5	32.0	48.0
55	25.5	18.9	28.3
61	22.7	18.8	28.2



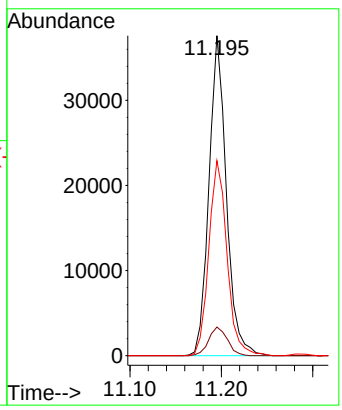


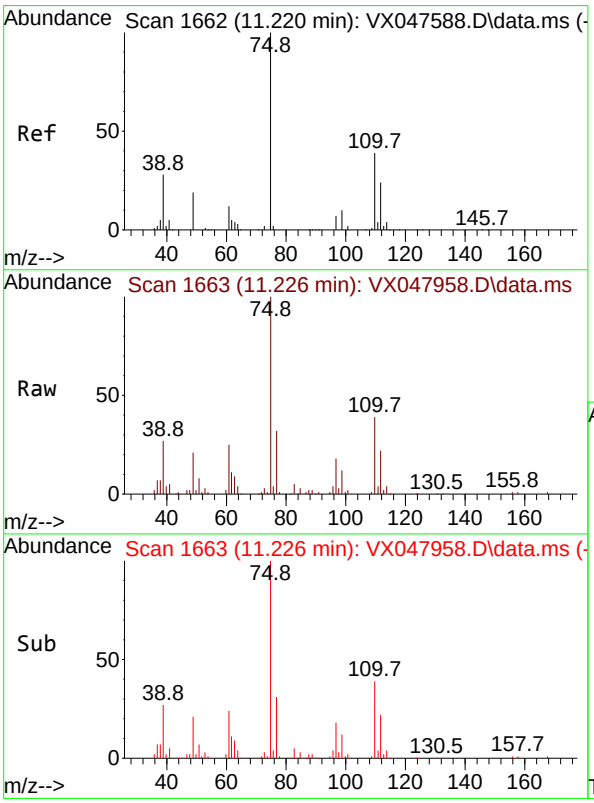
#75
1,1,2,2-Tetrachloroethane
Concen: 18.195 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion: 83 Resp: 49596

Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.0	14.9
85	63.7	31.6	95.0

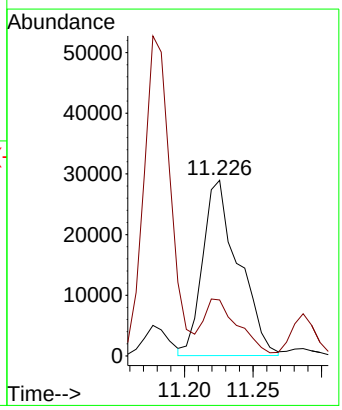


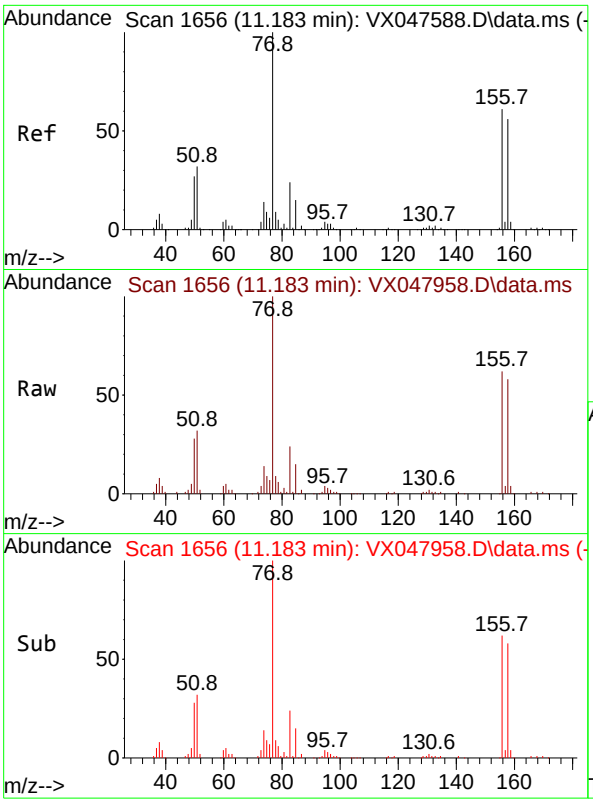


#76
1,2,3-Trichloropropane
Concen: 21.906 ug/l
RT: 11.226 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 75 Resp: 52559

Ion	Ratio	Lower	Upper
75	100		
77	31.5	18.8	56.4



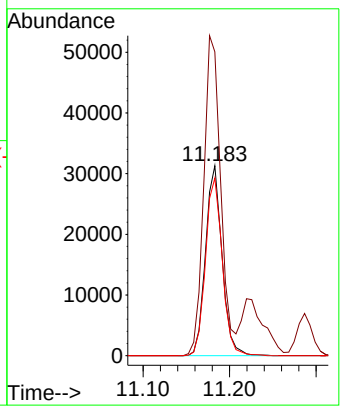


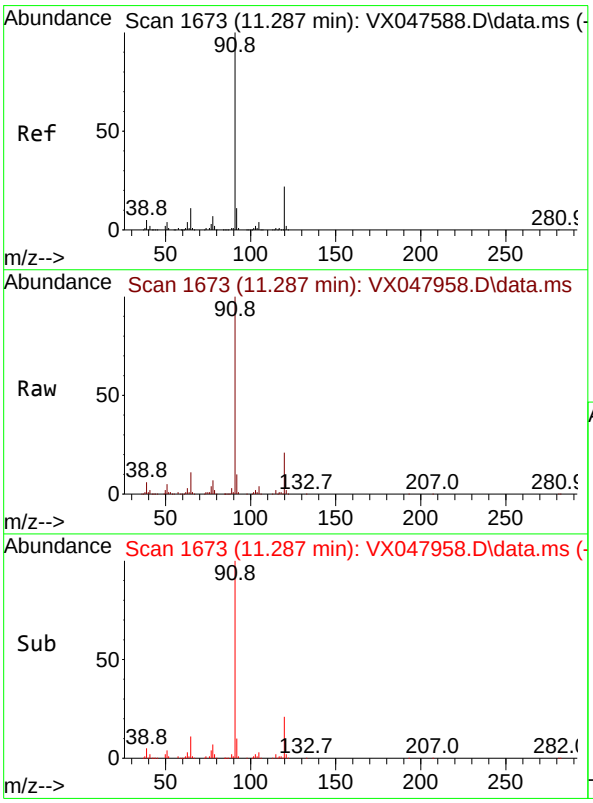
#77
Bromobenzene
Concen: 18.744 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion:156 Resp: 41591

Ion	Ratio	Lower	Upper
156	100		
77	172.8	89.7	269.1
158	94.8	47.9	143.6

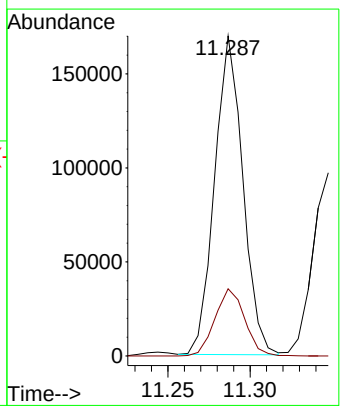


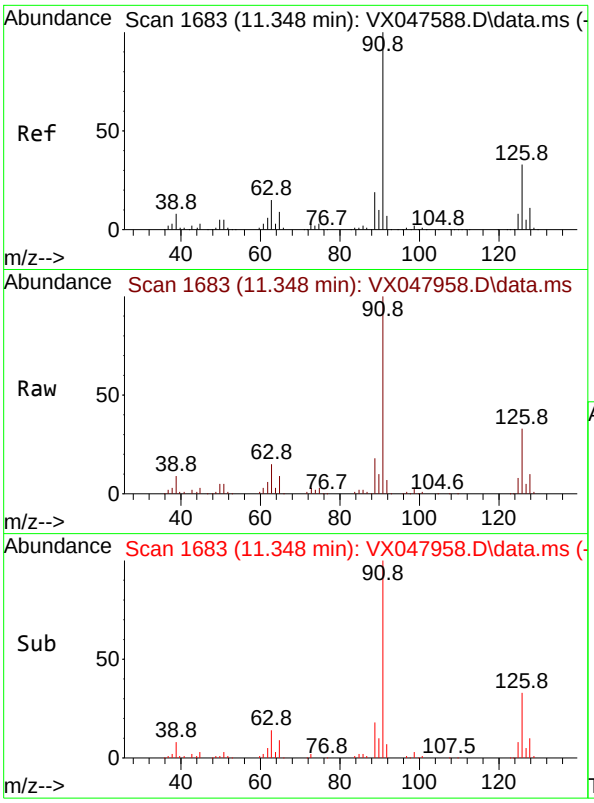


#78
n-propylbenzene
Concen: 18.979 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 91 Resp: 202133

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.1	33.1



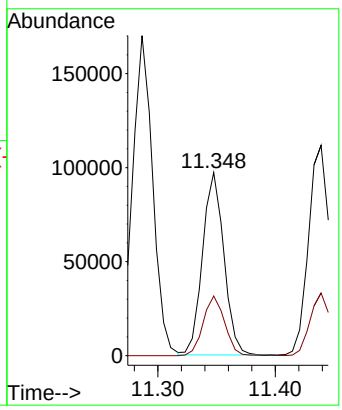


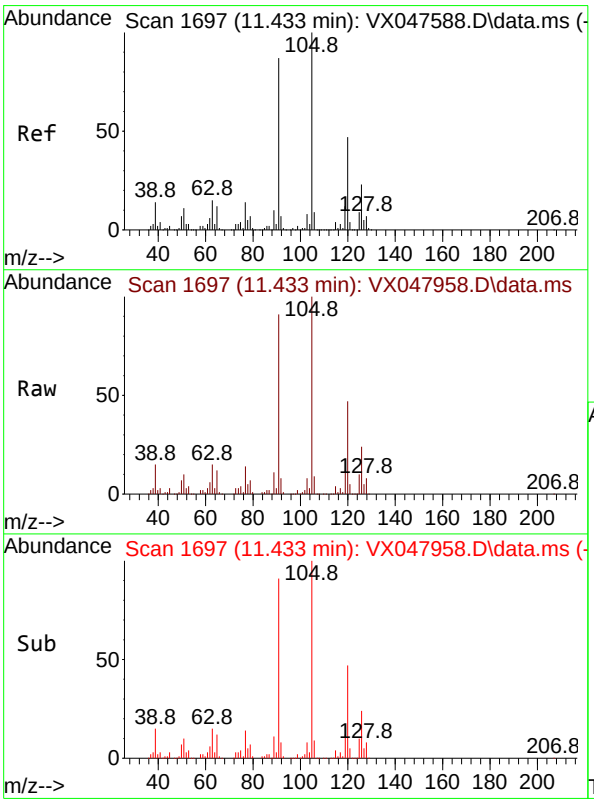
#79
2-Chlorotoluene
Concen: 18.779 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion: 91 Resp: 122496

Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.1	48.3

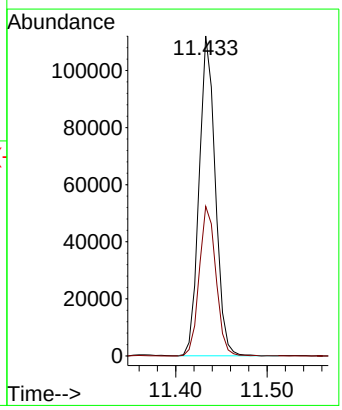


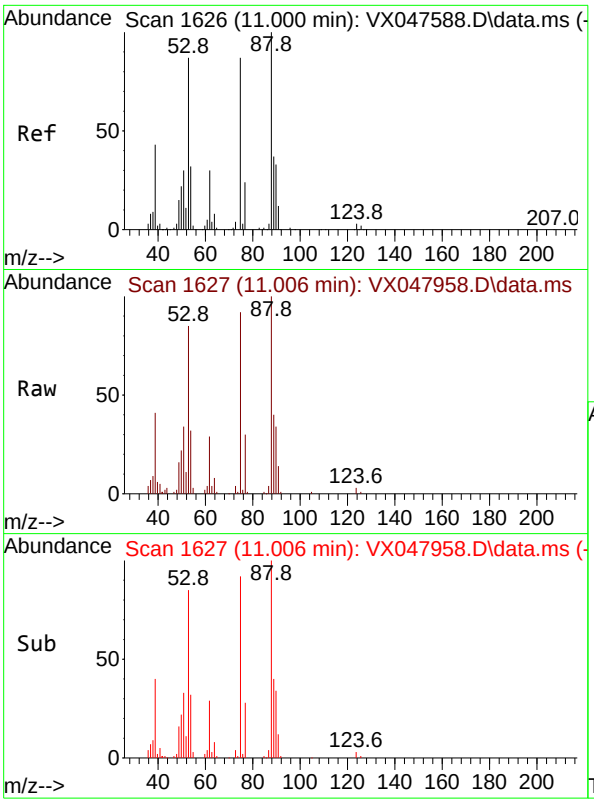


#80
1,3,5-Trimethylbenzene
Concen: 18.582 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:105 Resp: 137546

Ion	Ratio	Lower	Upper
105	100		
120	48.2	23.6	70.8



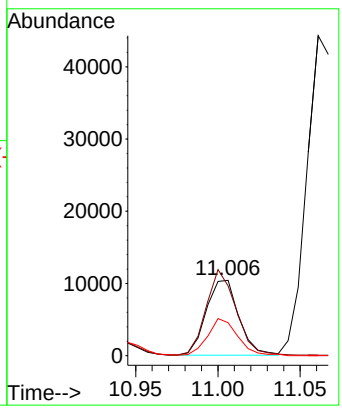


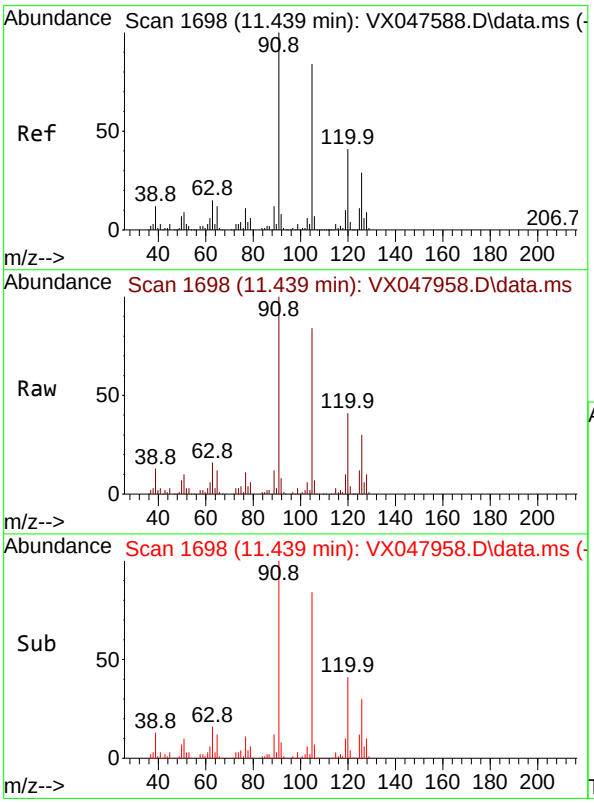
#81
trans-1,4-Dichloro-2-butene
Concen: 15.312 ug/l
RT: 11.006 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion: 75 Resp: 14406

Ion	Ratio	Lower	Upper
75	100		
53	106.6	83.4	125.2
89	45.7	36.3	54.5

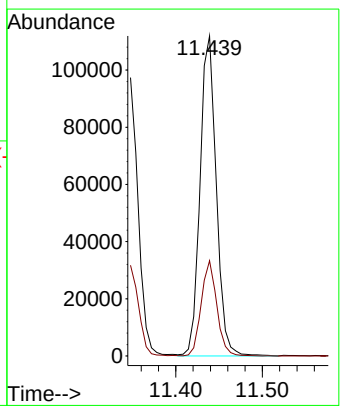


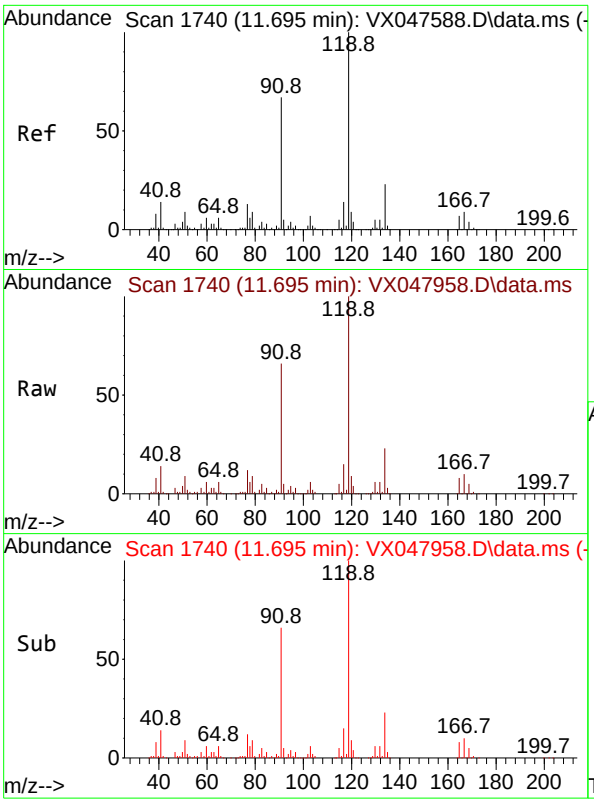


#82
4-Chlorotoluene
Concen: 18.932 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 91 Resp: 145852

Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.2	42.6



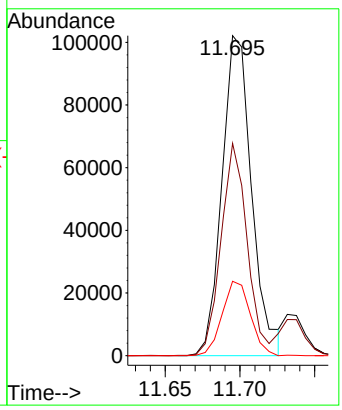


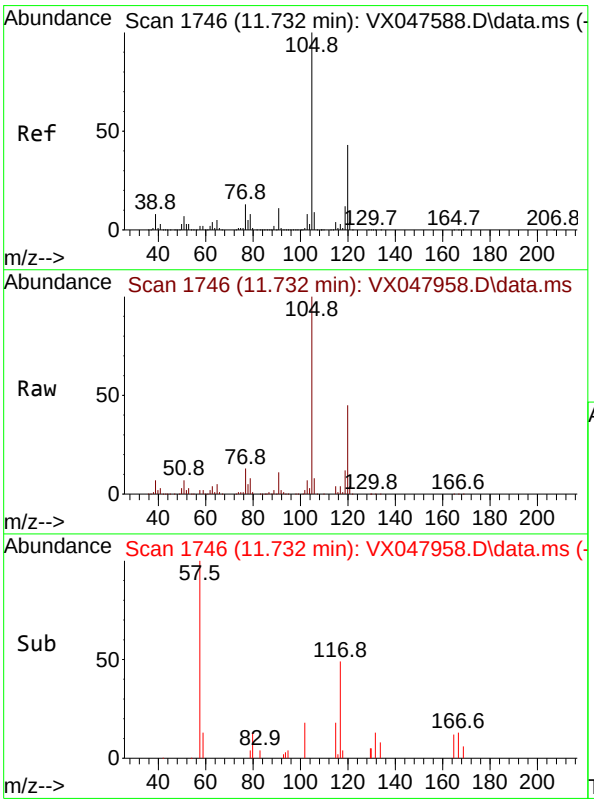
#83
tert-Butylbenzene
Concen: 18.619 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion:119 Resp: 141081

Ion	Ratio	Lower	Upper
119	100		
91	58.4	29.6	88.8
134	22.2	11.0	33.0

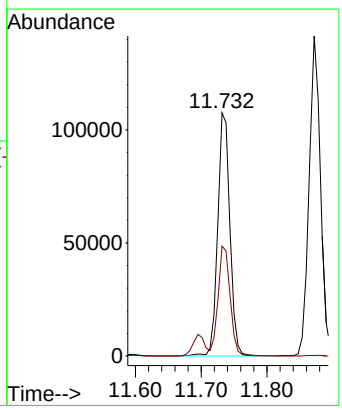


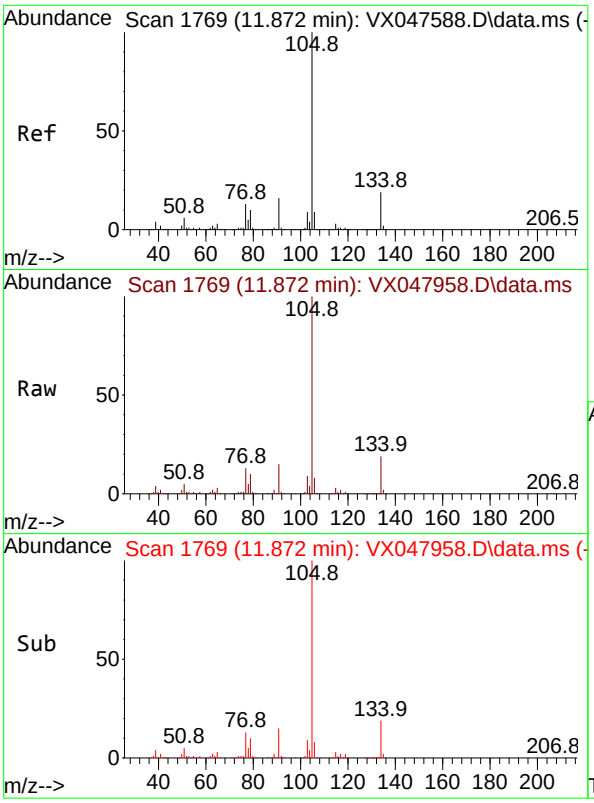


#84
1,2,4-Trimethylbenzene
Concen: 18.473 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:105 Resp: 138632

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	66.1



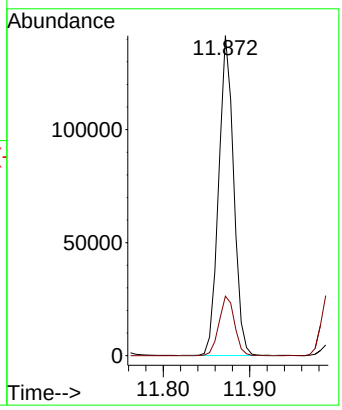


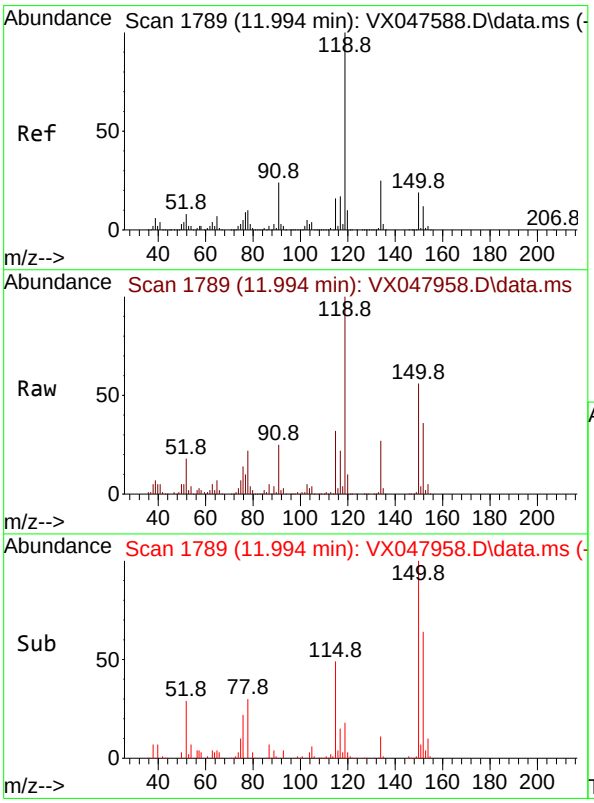
#85
sec-Butylbenzene
Concen: 18.910 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion:105 Resp: 170193

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.8	29.5

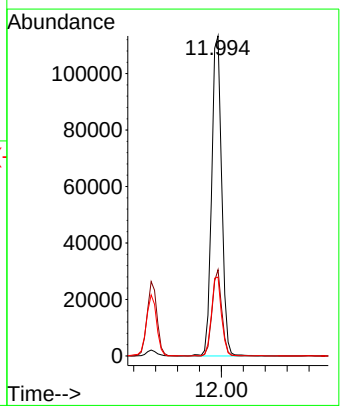


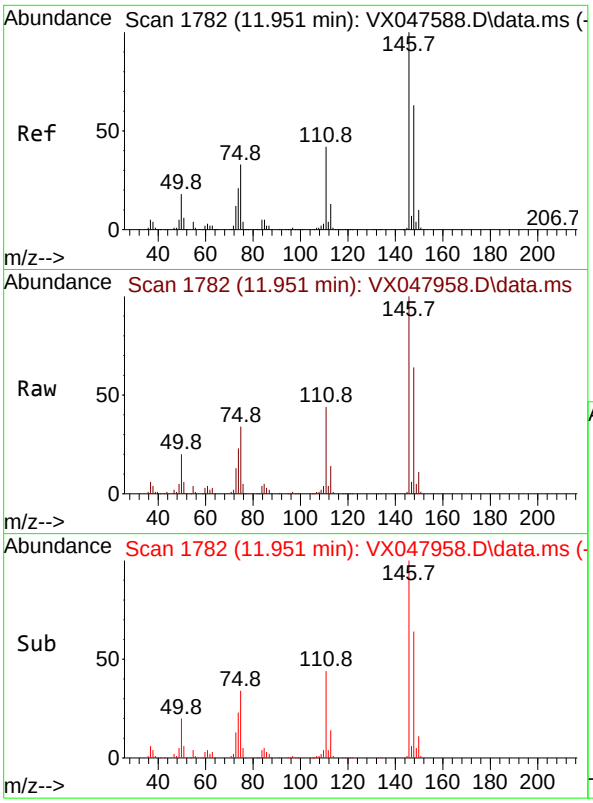


#86
p-Isopropyltoluene
Concen: 18.741 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:119 Resp: 142803

Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.6	37.8
91	24.8	12.6	37.6



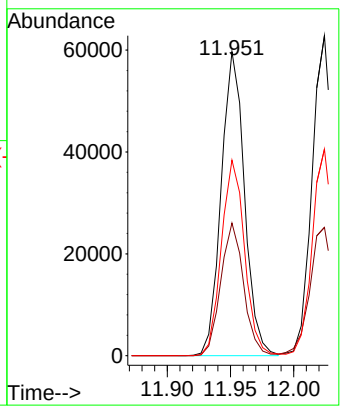


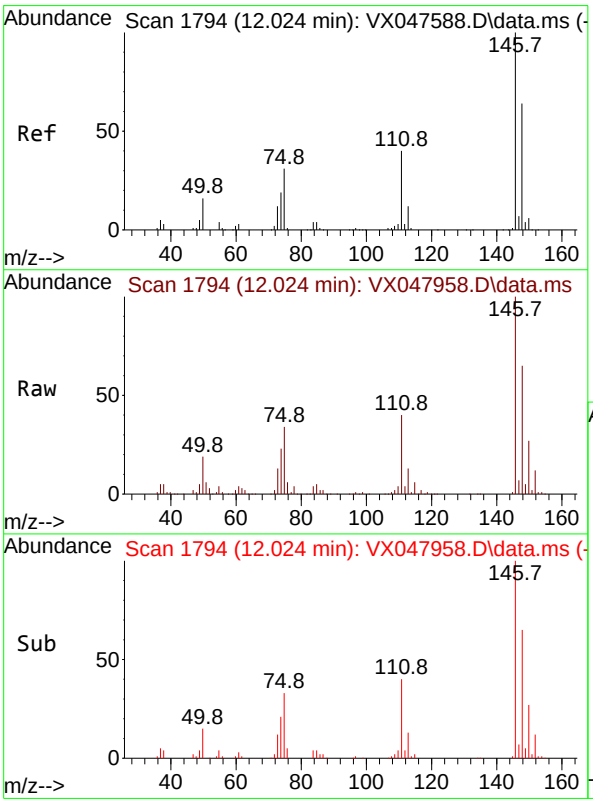
#87
1,3-Dichlorobenzene
Concen: 18.515 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion:146 Resp: 76310

Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.5	64.5
148	64.4	32.0	96.0

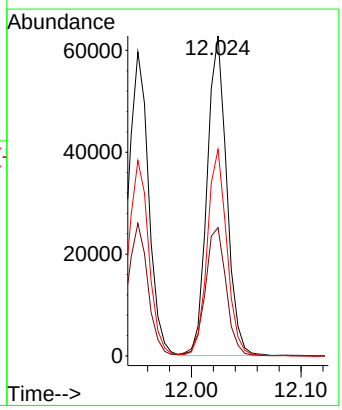


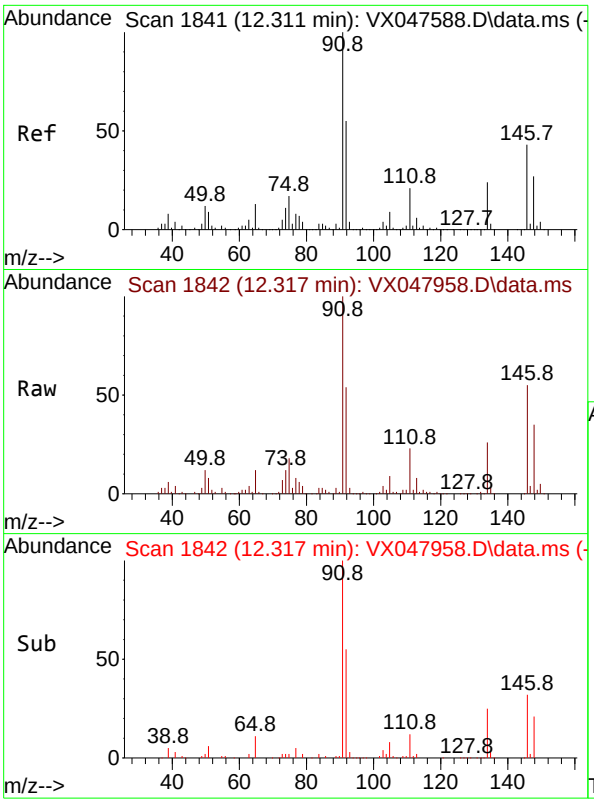


#88
1,4-Dichlorobenzene
Concen: 18.398 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:146 Resp: 77823

Ion	Ratio	Lower	Upper
146	100		
111	43.0	20.8	62.4
148	64.7	31.7	95.1



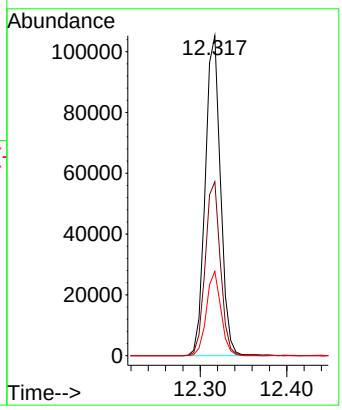


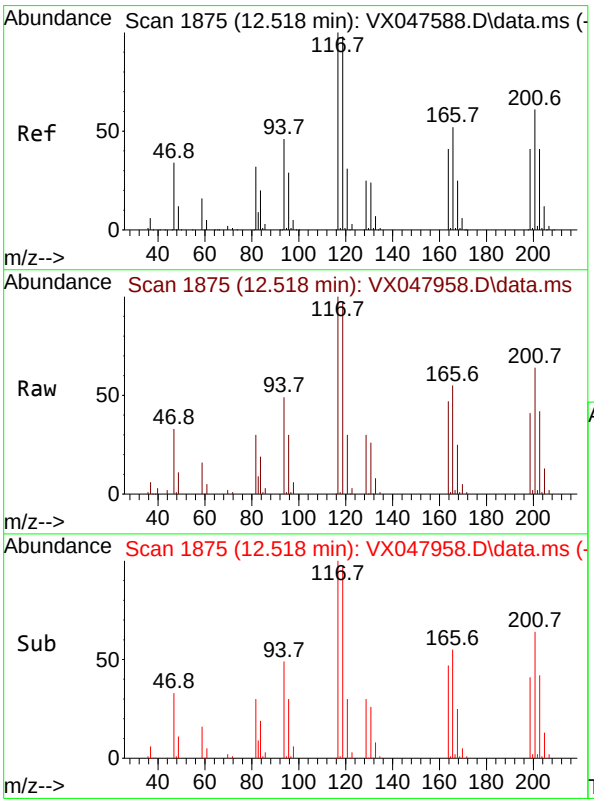
#89
n-Butylbenzene
Concen: 18.263 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion: 91 Resp: 128765

Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.6	82.7
134	25.1	12.6	37.8

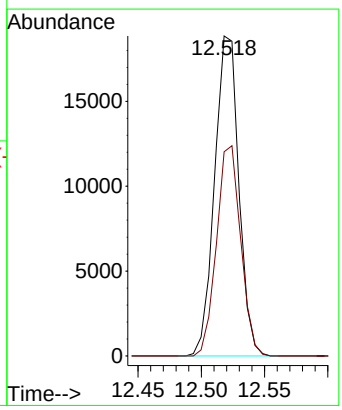


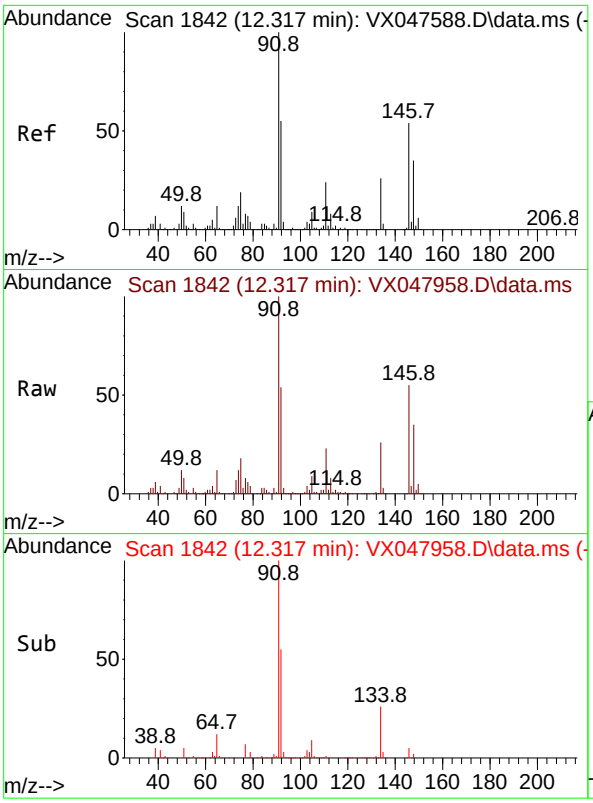


#90
Hexachloroethane
Concen: 18.732 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:117 Resp: 25059

Ion	Ratio	Lower	Upper
117	100		
201	65.6	34.2	102.5



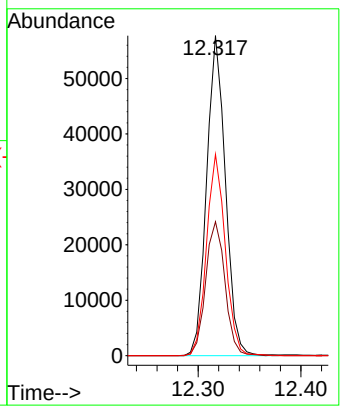


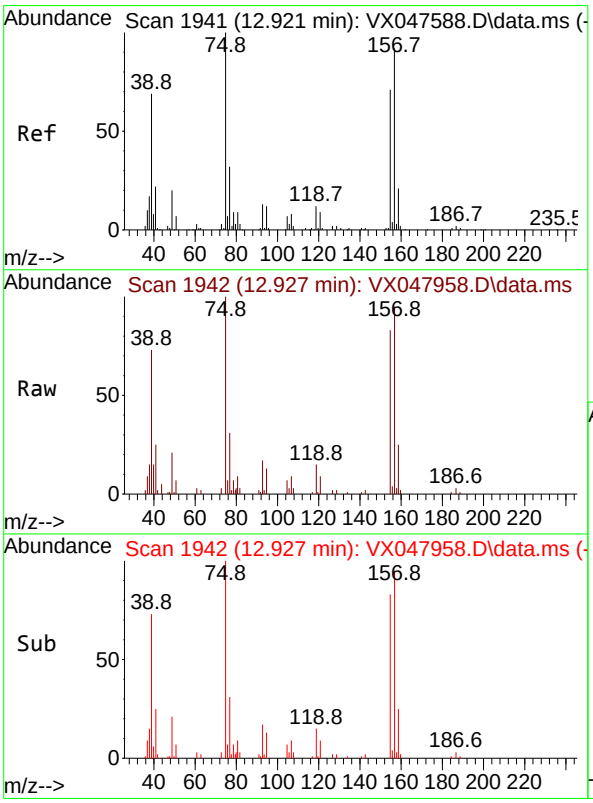
#91
1,2-Dichlorobenzene
Concen: 18.674 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion:146 Resp: 73324

Ion	Ratio	Lower	Upper
146	100		
111	43.1	22.2	66.6
148	62.8	31.8	95.4

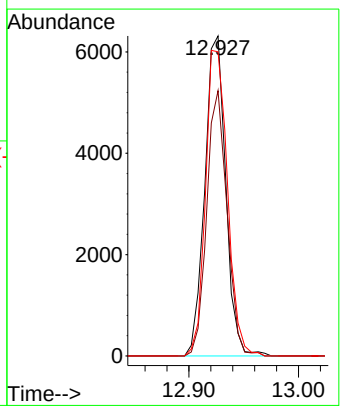


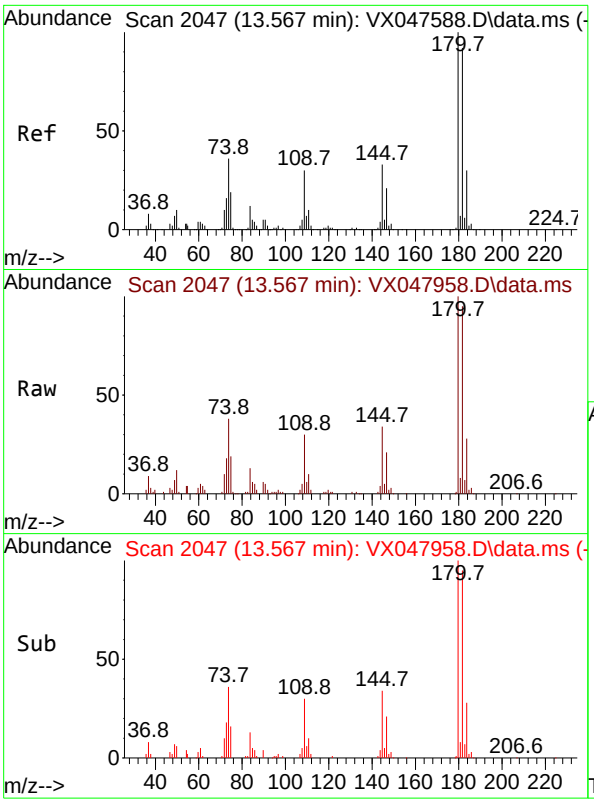


#92
1,2-Dibromo-3-Chloropropane
Concen: 15.181 ug/l
RT: 12.927 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion: 75 Resp: 8378

Ion	Ratio	Lower	Upper
75	100		
155	80.4	37.7	113.1
157	100.3	49.8	149.4



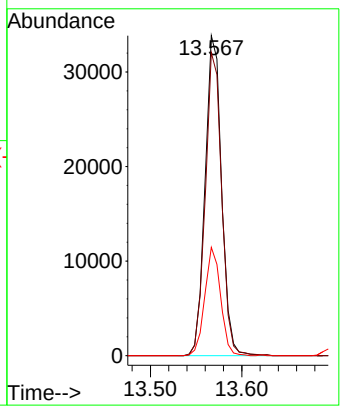


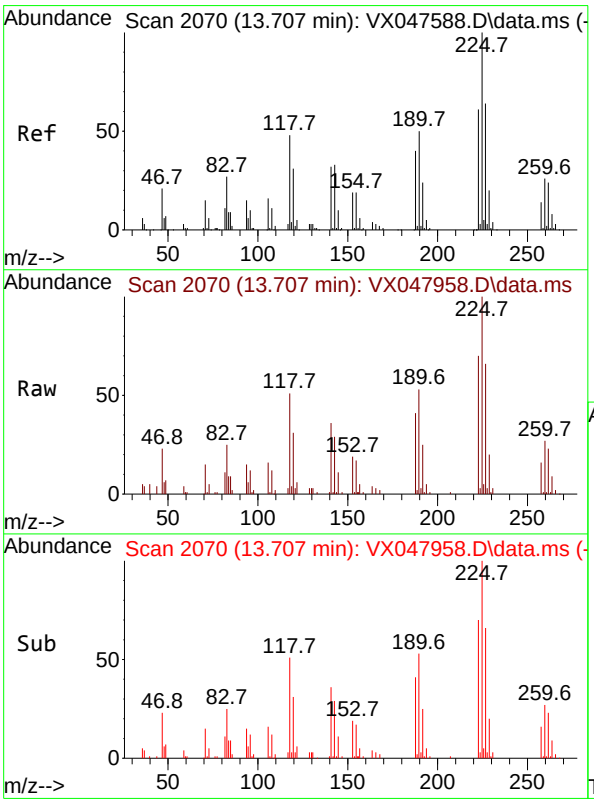
#93
1,2,4-Trichlorobenzene
Concen: 16.531 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion:180 Resp: 42185

Ion	Ratio	Lower	Upper
180	100		
182	94.5	46.6	139.8
145	32.6	16.4	49.1

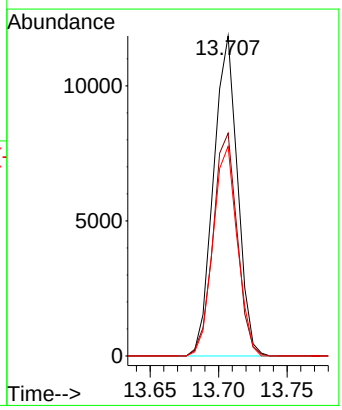


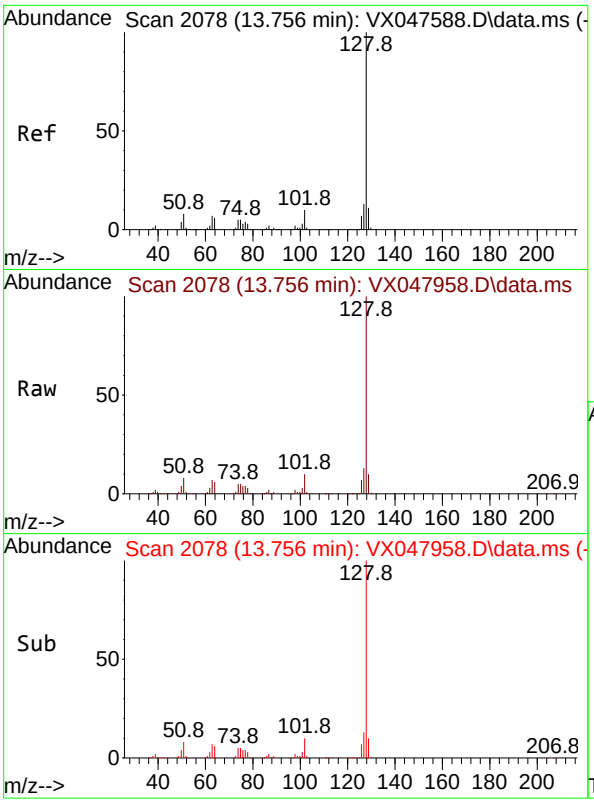


#94
Hexachlorobutadiene
Concen: 16.618 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:225 Resp: 14405

Ion	Ratio	Lower	Upper
225	100		
223	69.9	31.7	95.1
227	66.4	32.0	96.0



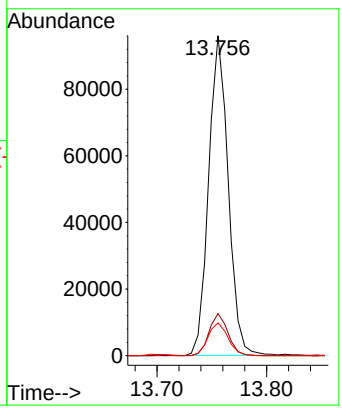


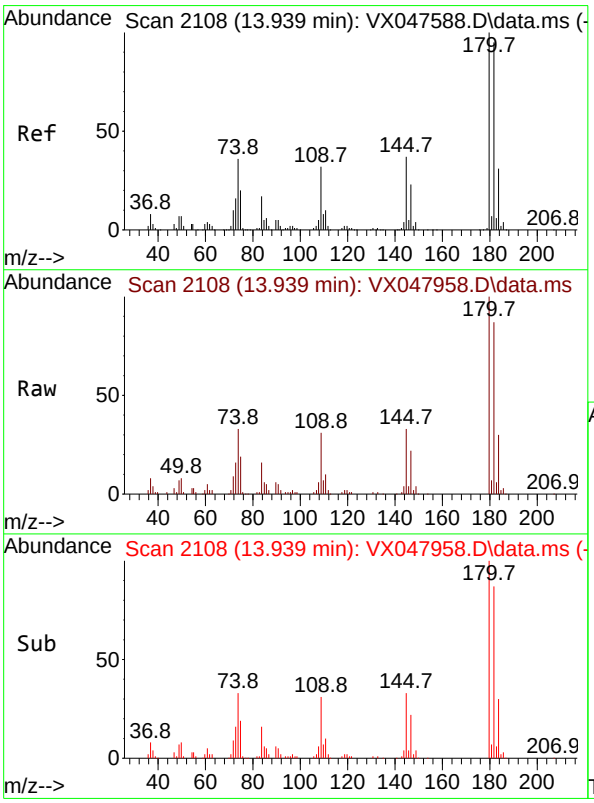
#95
Naphthalene
Concen: 15.295 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tgt Ion:128 Resp: 118857

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.5	8.8	13.2

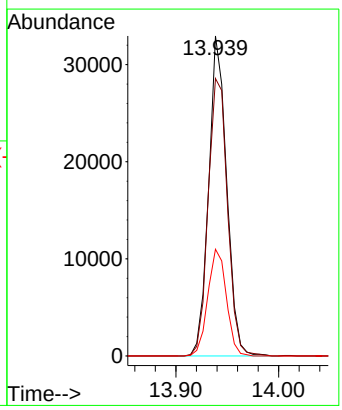




#96
1,2,3-Trichlorobenzene
Concen: 16.885 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047958.D
Acq: 02 Oct 2025 11:45

Tgt Ion:180 Resp: 40082

Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.6	142.8
145	34.4	17.9	53.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047979.D
Acq On : 02 Oct 2025 18:58
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 03 03:37:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	136721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	233908	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	213849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	108599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	100583	46.218	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 92.440%			
35) Dibromofluoromethane	5.373	113	78978	50.346	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.700%			
50) Toluene-d8	8.635	98	279825	51.552	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.100%			
62) 4-Bromofluorobenzene	11.061	95	105788	51.352	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	68971	48.716	ug/l	98
3) Chloromethane	1.300	50	77303	41.545	ug/l	99
4) Vinyl Chloride	1.380	62	82870	45.497	ug/l	99
5) Bromomethane	1.617	94	54253	46.973	ug/l	96
6) Chloroethane	1.697	64	55041	45.213	ug/l	99
7) Trichlorofluoromethane	1.898	101	128960	47.684	ug/l	99
8) Diethyl Ether	2.136	74	48689	44.011	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	78711	49.774	ug/l	98
10) Methyl Iodide	2.459	142	102210	41.443	ug/l	98
11) Tert butyl alcohol	2.940	59	46396	191.421	ug/l	98
12) 1,1-Dichloroethene	2.325	96	75868	46.706	ug/l	96
13) Acrolein	2.239	56	43068	192.824	ug/l	100
14) Allyl chloride	2.666	41	142327	42.461	ug/l	97
15) Acrylonitrile	3.062	53	207178	230.767	ug/l	99
16) Acetone	2.373	43	159278	168.327	ug/l	99
17) Carbon Disulfide	2.520	76	187221	42.101	ug/l	100
18) Methyl Acetate	2.703	43	101054	47.987	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	264663	44.633	ug/l	97
20) Methylene Chloride	2.788	84	89302	44.585	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	79233	45.306	ug/l	99
22) Diisopropyl ether	3.751	45	300215	46.214	ug/l	87
23) Vinyl Acetate	3.715	43	1170077	225.049	ug/l	100
24) 1,1-Dichloroethane	3.605	63	162449	47.048	ug/l	98
25) 2-Butanone	4.544	43	243272	206.107	ug/l	97
26) 2,2-Dichloropropane	4.471	77	120419	41.955	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	97974	45.745	ug/l	99
28) Bromochloromethane	4.891	49	75472	50.068	ug/l	99
29) Tetrahydrofuran	4.989	42	152778	215.165	ug/l	99
30) Chloroform	5.086	83	168009	48.152	ug/l	99
31) Cyclohexane	5.464	56	126237	43.897	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	143969	48.646	ug/l	100
36) 1,1-Dichloropropene	5.684	75	106040	46.260	ug/l	98
37) Ethyl Acetate	4.702	43	105411	42.948	ug/l	99
38) Carbon Tetrachloride	5.666	117	119762	48.086	ug/l	95
39) Methylcyclohexane	7.366	83	123339	47.401	ug/l	98
40) Benzene	6.025	78	335594	48.202	ug/l	100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047979.D
Acq On : 02 Oct 2025 18:58
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 03 03:37:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.903	41	59657	47.082	ug/l		99
42) 1,2-Dichloroethane	6.074	62	124053	46.830	ug/l		99
43) Isopropyl Acetate	6.324	43	182039	45.224	ug/l		99
44) Trichloroethene	7.116	130	82160	48.812	ug/l		95
45) 1,2-Dichloropropane	7.415	63	88995	49.920	ug/l		99
46) Dibromomethane	7.568	93	62258	47.990	ug/l		97
47) Bromodichloromethane	7.805	83	132779	49.599	ug/l		99
48) Methyl methacrylate	7.677	41	91793	45.781	ug/l		98
49) 1,4-Dioxane	7.647	88	19085	941.858	ug/l		96
51) 4-Methyl-2-Pentanone	8.561	43	532643	238.660	ug/l		100
52) Toluene	8.708	92	209586	48.861	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	130969	47.963	ug/l		98
54) cis-1,3-Dichloropropene	8.354	75	140958	48.296	ug/l		100
55) 1,1,2-Trichloroethane	9.134	97	83102	50.244	ug/l		99
56) Ethyl methacrylate	9.104	69	125862	48.455	ug/l		97
57) 1,3-Dichloropropane	9.293	76	143780	50.605	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	330970	265.571	ug/l		100
59) 2-Hexanone	9.415	43	364535	227.424	ug/l		99
60) Dibromochloromethane	9.506	129	97603	51.215	ug/l		100
61) 1,2-Dibromoethane	9.592	107	85338	50.656	ug/l		100
64) Tetrachloroethene	9.256	164	66378	47.615	ug/l		97
65) Chlorobenzene	10.061	112	234948	48.361	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.146	131	82624	49.285	ug/l		98
67) Ethyl Benzene	10.177	91	406171	48.454	ug/l		100
68) m/p-Xylenes	10.287	106	304598	97.626	ug/l		100
69) o-Xylene	10.628	106	146407	48.514	ug/l		100
70) Styrene	10.640	104	259892	49.149	ug/l		99
71) Bromoform	10.780	173	61019	48.745	ug/l	#	99
73) Isopropylbenzene	10.945	105	385293	46.666	ug/l		100
74) N-amyl acetate	10.829	43	158457	42.086	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.195	83	117113	46.883	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	125629	57.135	ug/l		89
77) Bromobenzene	11.183	156	92476	45.476	ug/l		97
78) n-propylbenzene	11.286	91	457681	46.893	ug/l		99
79) 2-Chlorotoluene	11.347	91	275680	46.117	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	317038	46.738	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	34969	40.557	ug/l		99
82) 4-Chlorotoluene	11.439	91	323303	45.793	ug/l		99
83) tert-Butylbenzene	11.695	119	323550	46.594	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	321278	46.716	ug/l		99
85) sec-Butylbenzene	11.872	105	391915	47.516	ug/l		100
86) p-Isopropyltoluene	11.994	119	328364	47.025	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	174319	46.152	ug/l		98
88) 1,4-Dichlorobenzene	12.024	146	176848	45.620	ug/l		100
89) n-Butylbenzene	12.317	91	310704	48.088	ug/l		98
90) Hexachloroethane	12.518	117	59279	48.353	ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	165086	45.878	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	21529	42.569	ug/l		96
93) 1,2,4-Trichlorobenzene	13.567	180	105197	44.982	ug/l		98
94) Hexachlorobutadiene	13.707	225	37227	46.864	ug/l		99
95) Naphthalene	13.756	128	316402	44.430	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	100255	46.085	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047979.D
Acq On : 02 Oct 2025 18:58
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 03 03:37:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

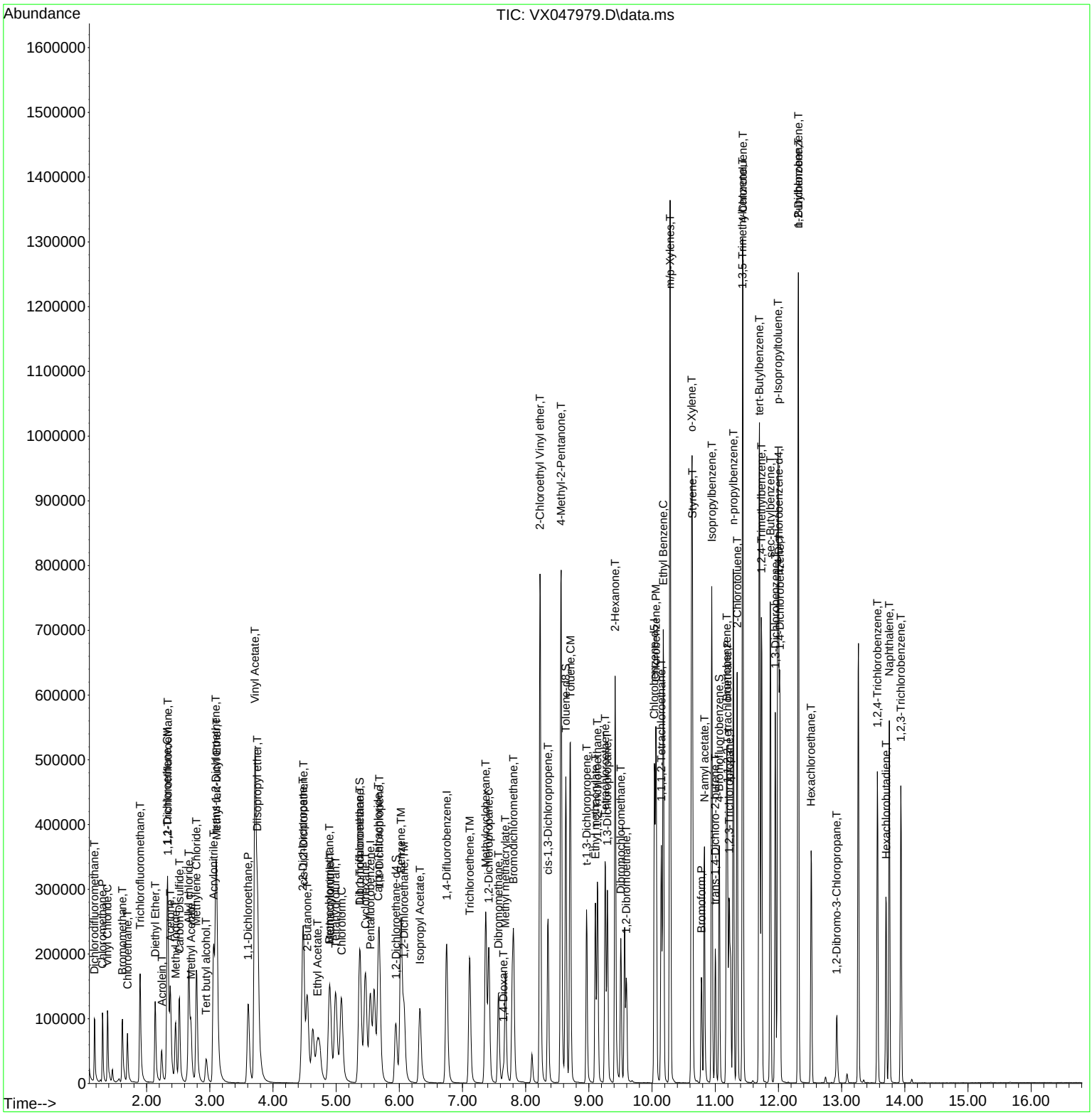
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

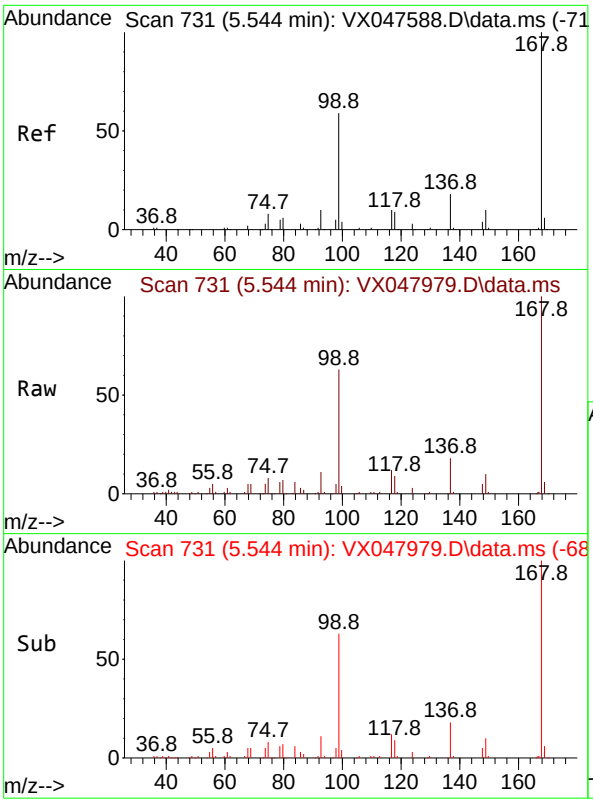
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047979.D
Acq On : 02 Oct 2025 18:58
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 03 03:37:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



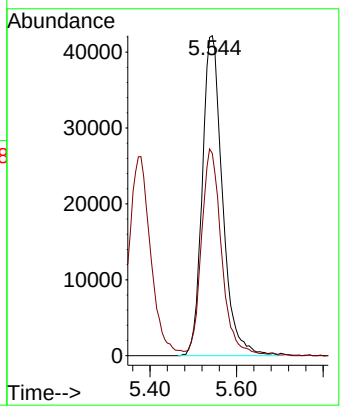


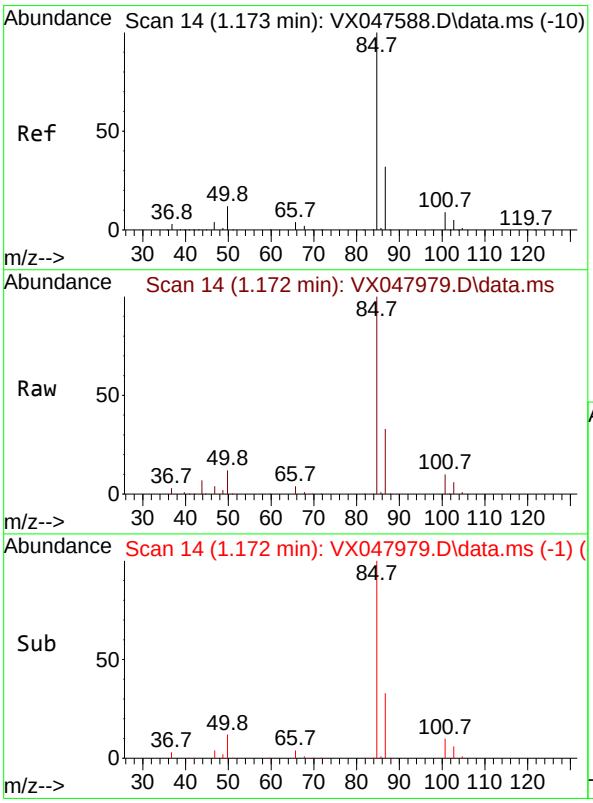
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 136721

Ion	Ratio	Lower	Upper
168	100		
99	63.0	48.8	73.2

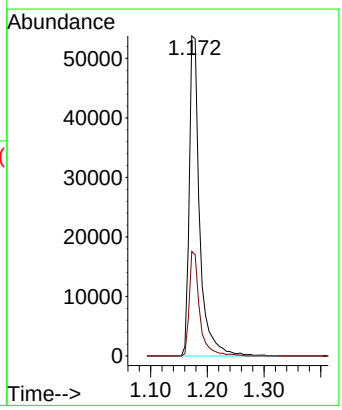


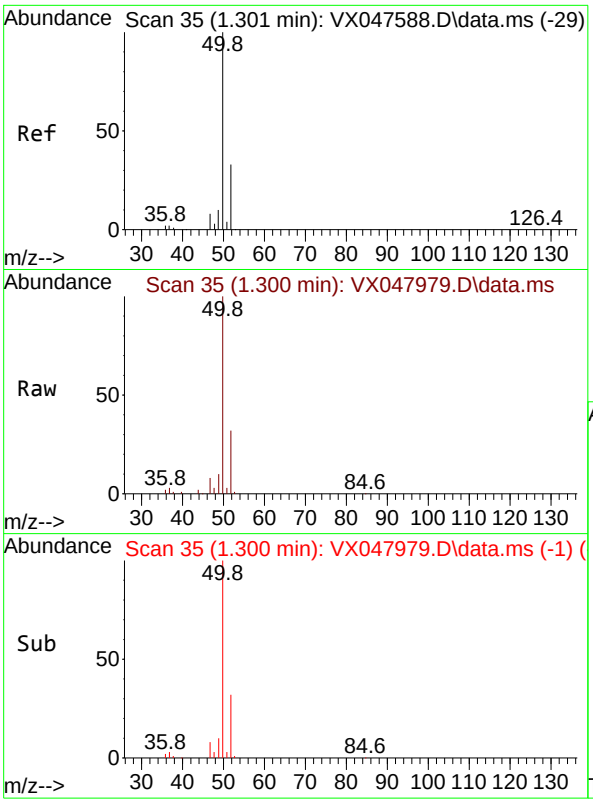


#2
Dichlorodifluoromethane
Concen: 48.716 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 85 Resp: 68971

Ion	Ratio	Lower	Upper
85	100		
87	32.7	15.8	47.3



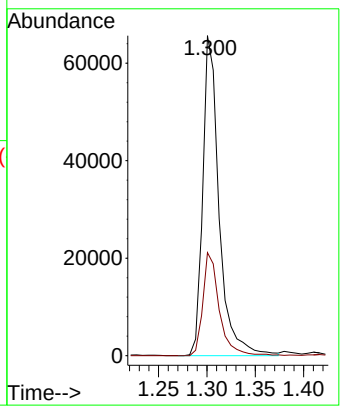


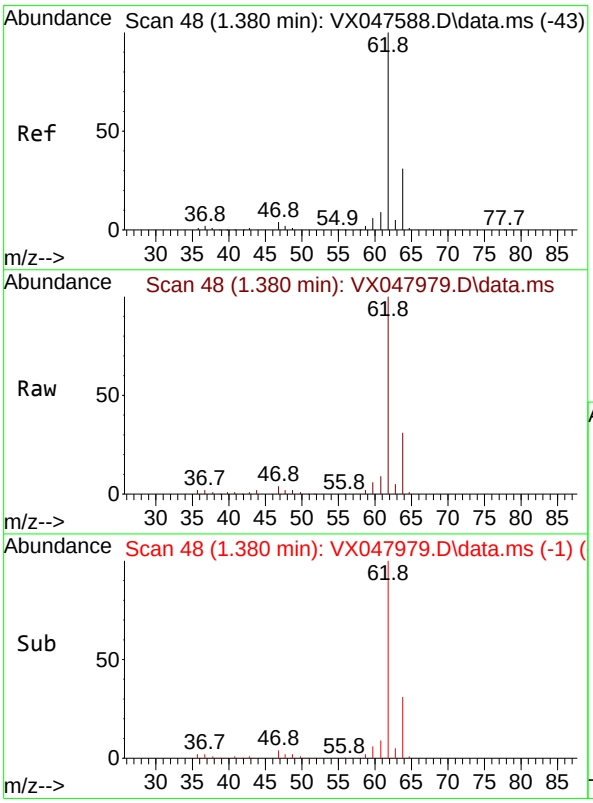
#3
Chloromethane
Concen: 41.545 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 77303

Ion	Ratio	Lower	Upper
50	100		
52	32.2	26.1	39.1

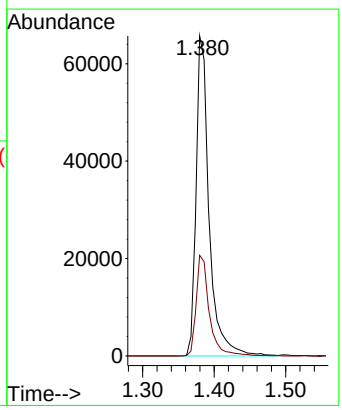


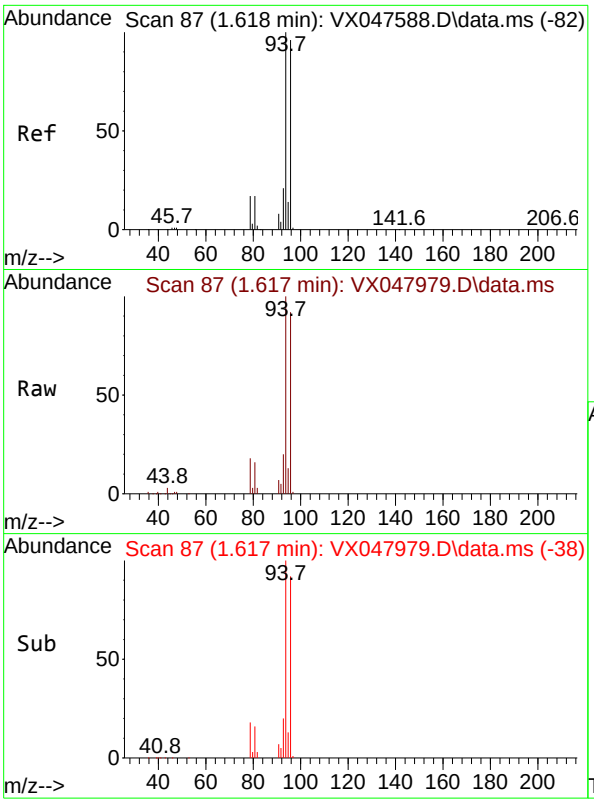


#4
Vinyl Chloride
Concen: 45.497 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 62 Resp: 82870

Ion	Ratio	Lower	Upper
62	100		
64	31.5	24.9	37.3



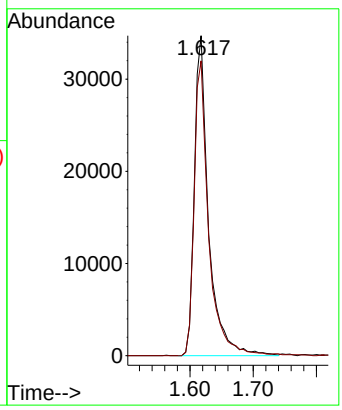


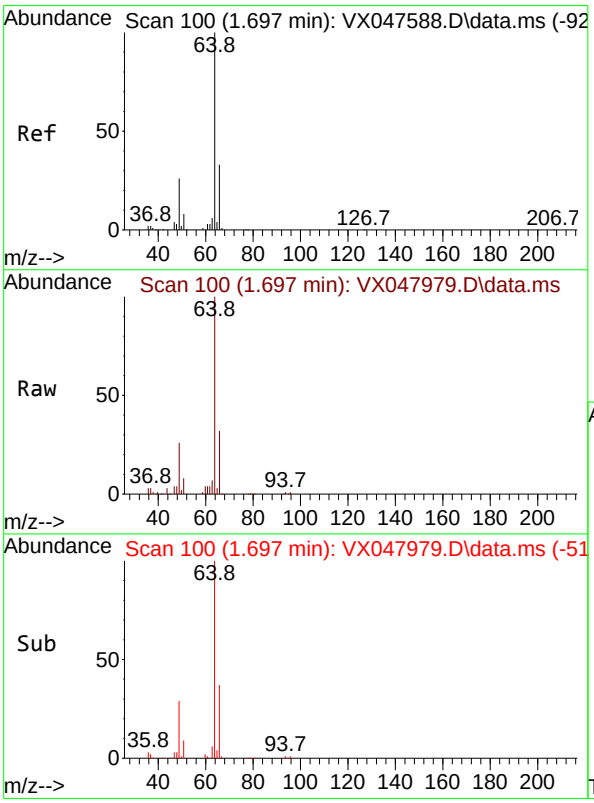
#5
Bromomethane
Concen: 46.973 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 54253

Ion	Ratio	Lower	Upper
94	100		
96	92.1	76.6	115.0

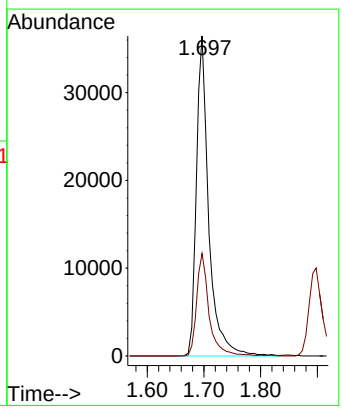


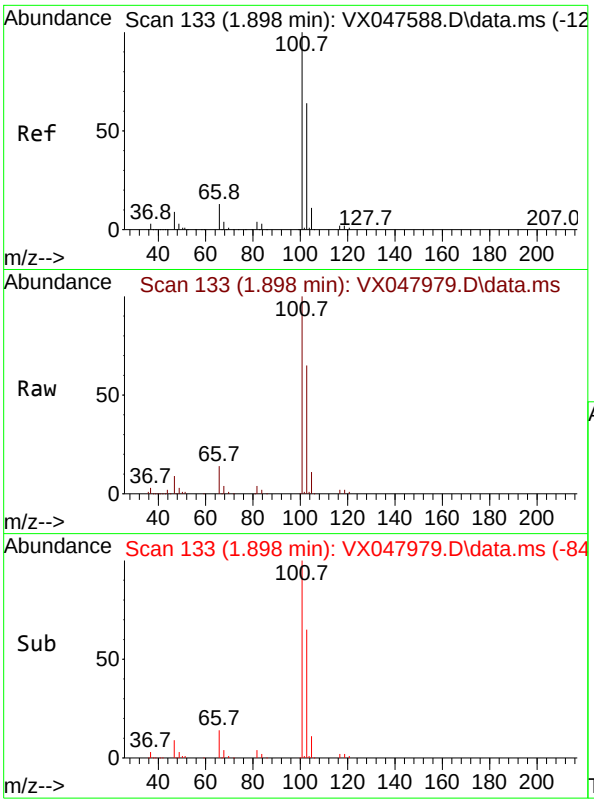


#6
Chloroethane
Concen: 45.213 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 64 Resp: 55041

Ion	Ratio	Lower	Upper
64	100		
66	32.0	26.1	39.1



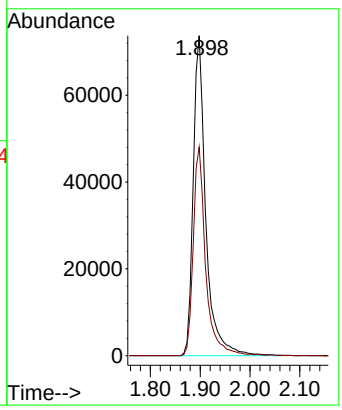


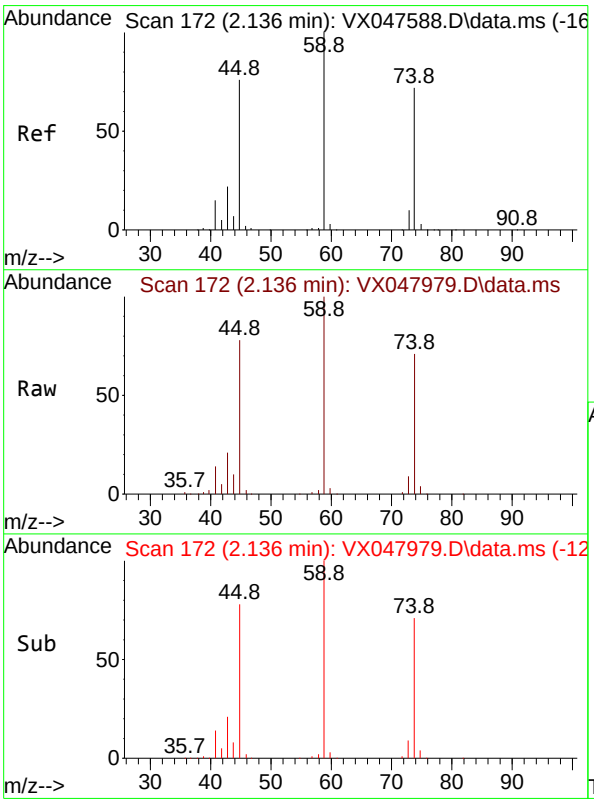
#7
Trichlorofluoromethane
Concen: 47.684 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 128960

Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.4	77.2

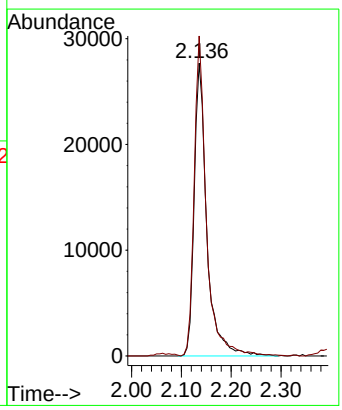


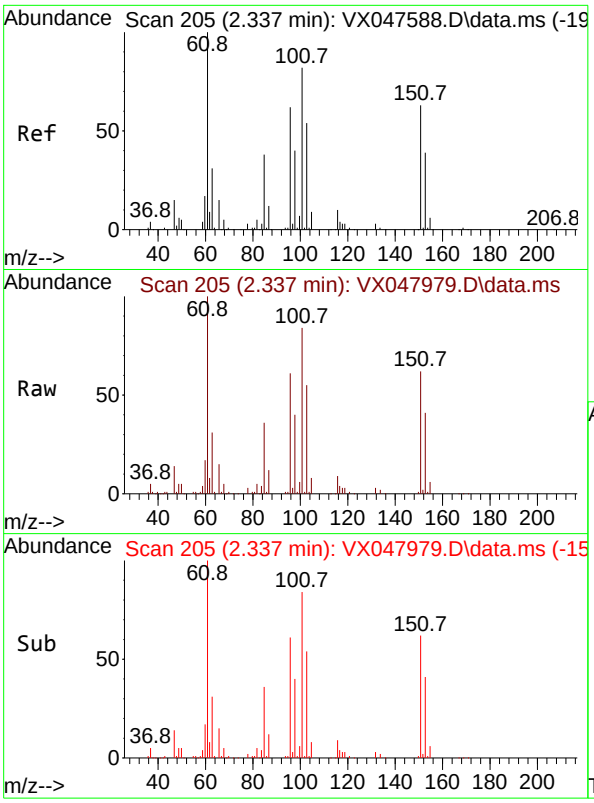


#8
Diethyl Ether
Concen: 44.011 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 74 Resp: 48689

Ion	Ratio	Lower	Upper
74	100		
45	106.0	52.3	156.8



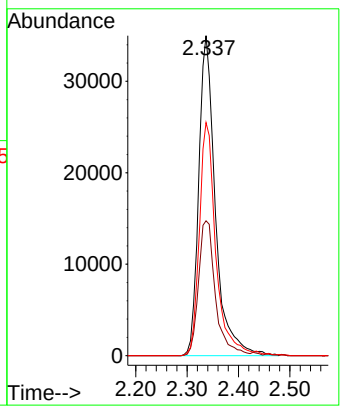


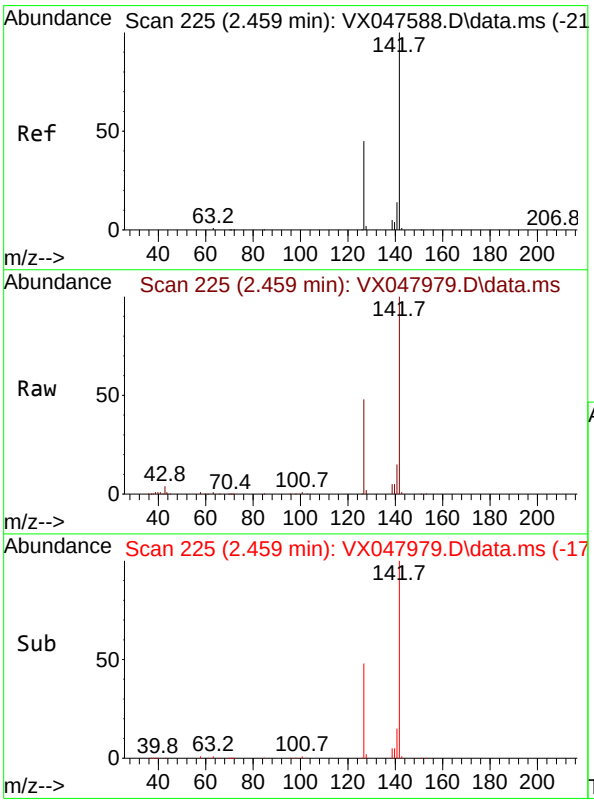
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.774 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 78711

Ion	Ratio	Lower	Upper
101	100		
85	42.9	35.5	53.3
151	72.7	59.4	89.0

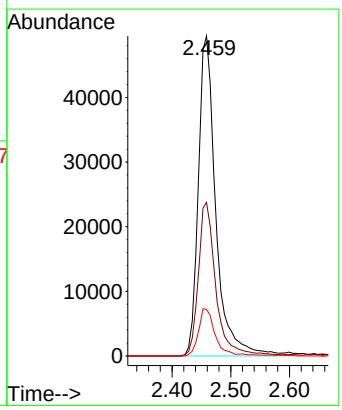


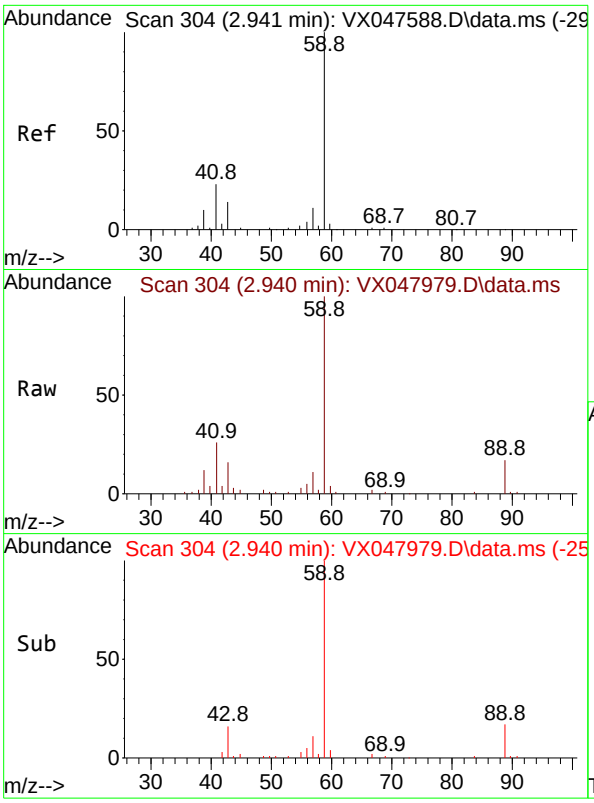


#10
Methyl Iodide
Concen: 41.443 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:142 Resp: 102210

Ion	Ratio	Lower	Upper
142	100		
127	48.1	37.2	55.8
141	14.3	11.4	17.0



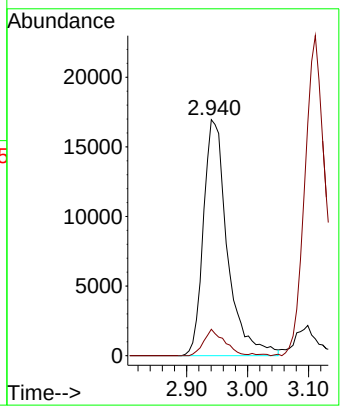


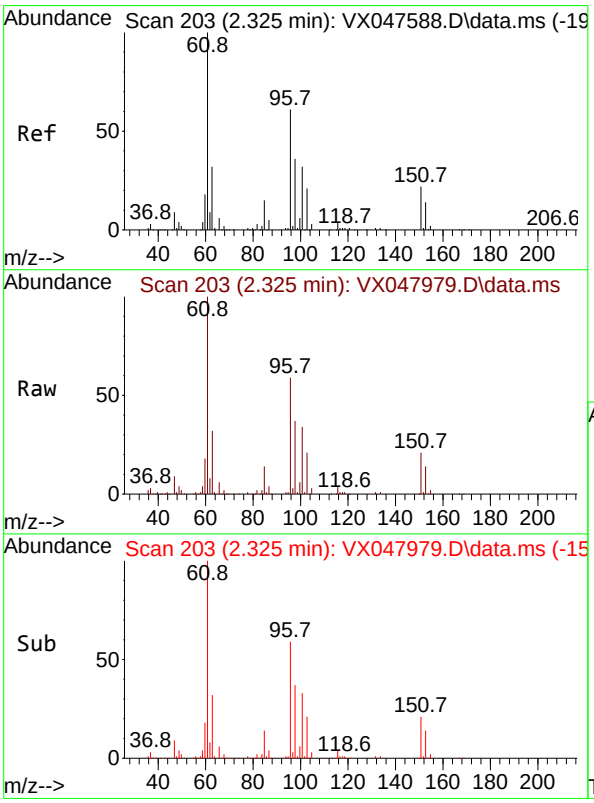
#11
Tert butyl alcohol
Concen: 191.421 ug/l
RT: 2.940 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 46396

Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.3	12.5

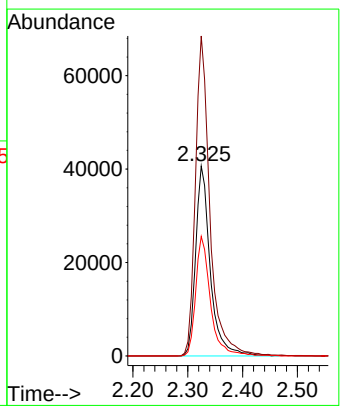


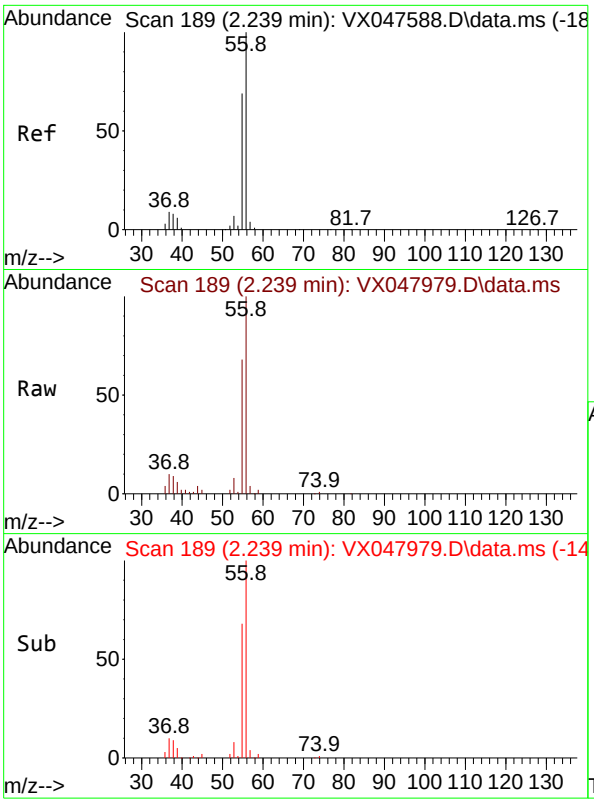


#12
1,1-Dichloroethene
Concen: 46.706 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 96 Resp: 75868

Ion	Ratio	Lower	Upper
96	100		
61	168.5	131.0	196.6
98	63.0	47.7	71.5



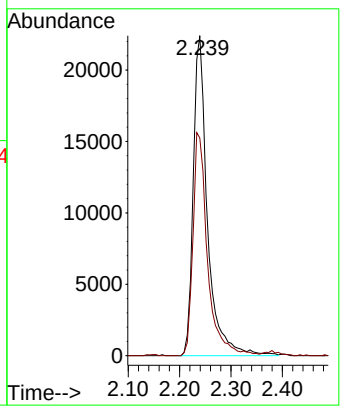


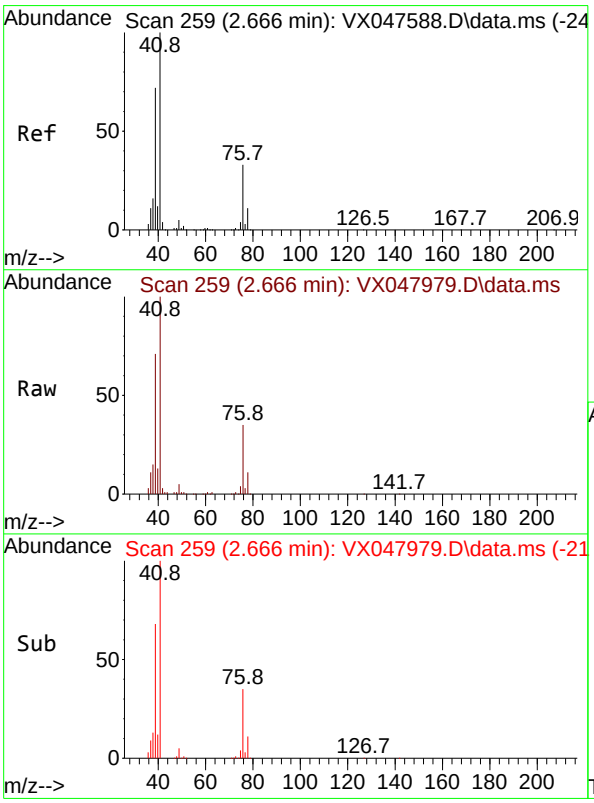
#13
Acrolein
Concen: 192.824 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 43068

Ion	Ratio	Lower	Upper
56	100		
55	71.5	57.2	85.8

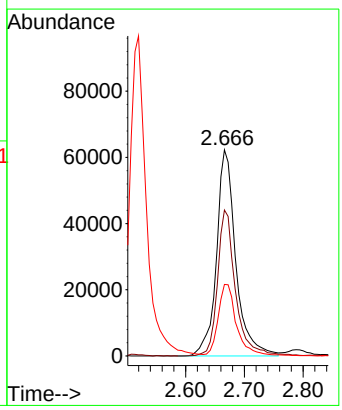


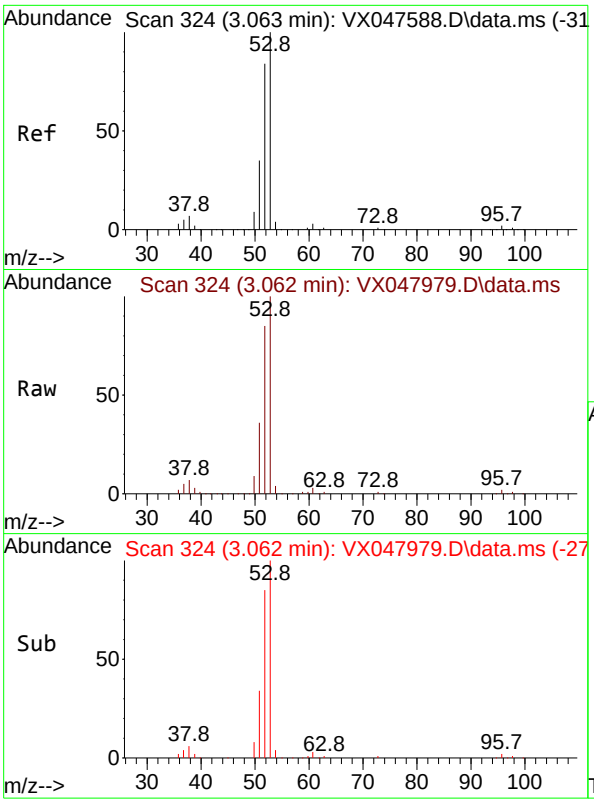


#14
Allyl chloride
Concen: 42.461 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 41 Resp: 142327

Ion	Ratio	Lower	Upper
41	100		
39	66.1	54.7	82.1
76	33.3	25.7	38.5



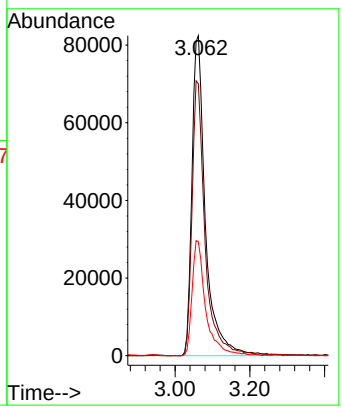


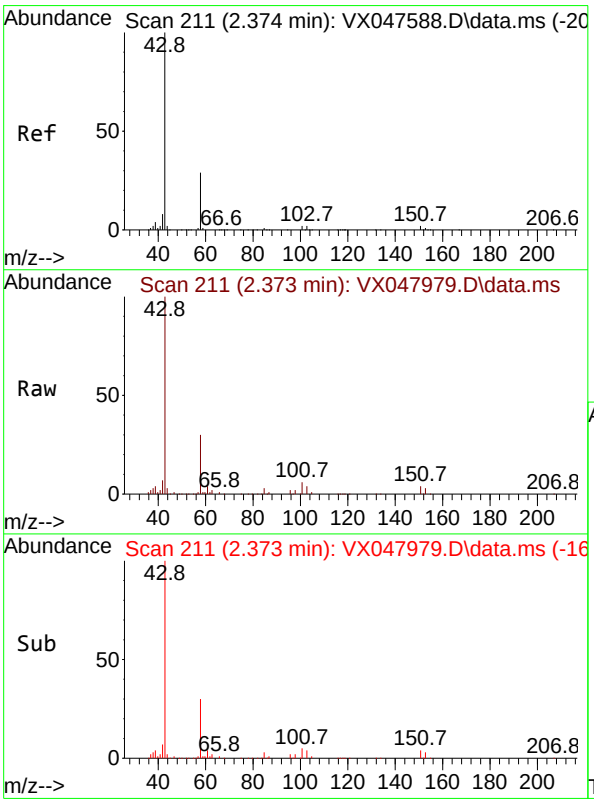
#15
Acrylonitrile
Concen: 230.767 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 207178

Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.4	99.6
51	36.3	29.5	44.3

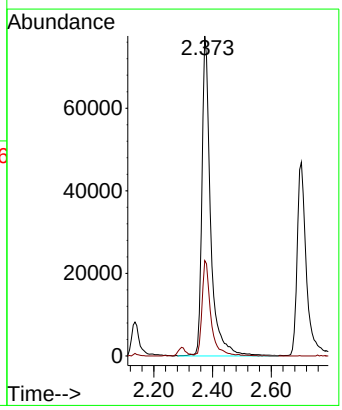


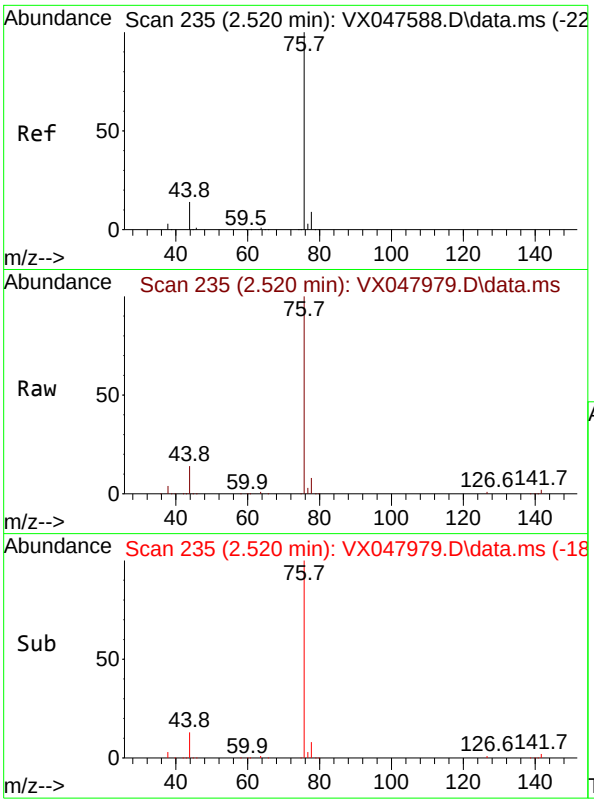


#16
Acetone
Concen: 168.327 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 43 Resp: 159278

Ion	Ratio	Lower	Upper
43	100		
58	29.8	23.4	35.0



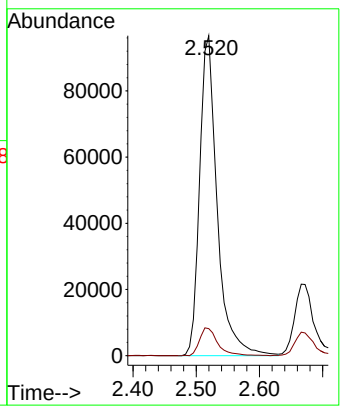


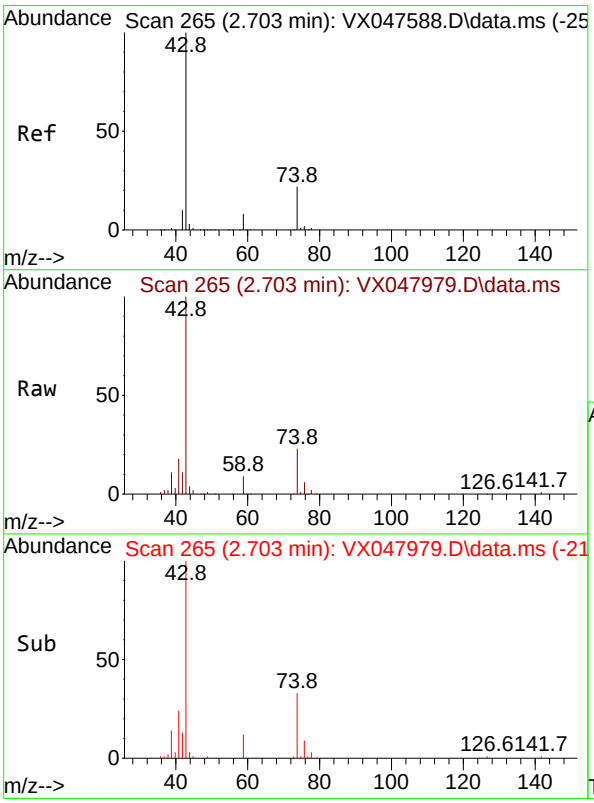
#17
Carbon Disulfide
Concen: 42.101 ug/l
RT: 2.520 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 187221

Ion	Ratio	Lower	Upper
76	100		
78	8.4	6.8	10.2

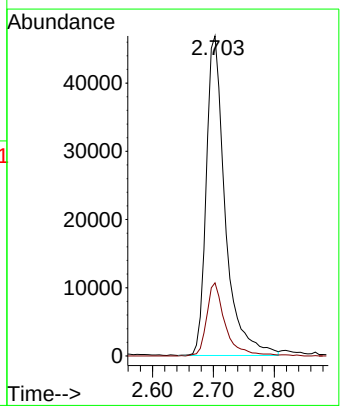


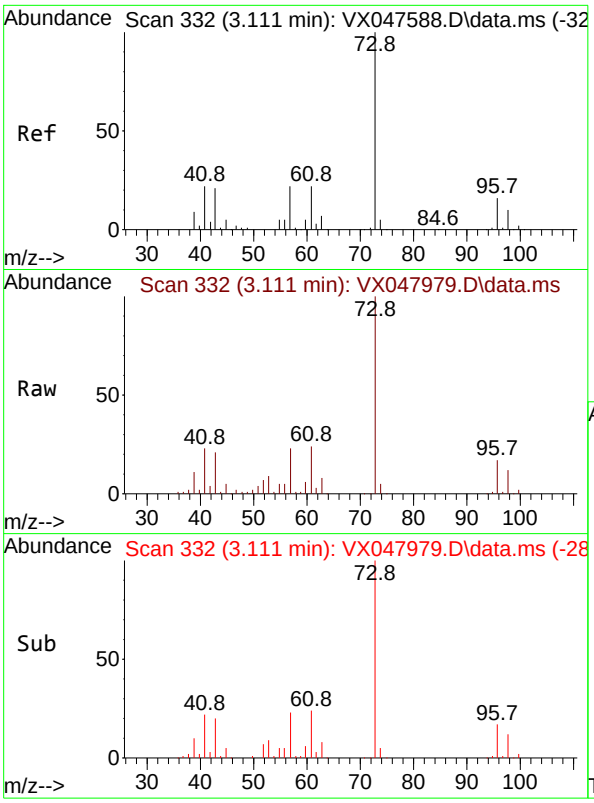


#18
Methyl Acetate
Concen: 47.987 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 43 Resp: 101054

Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.4	26.2



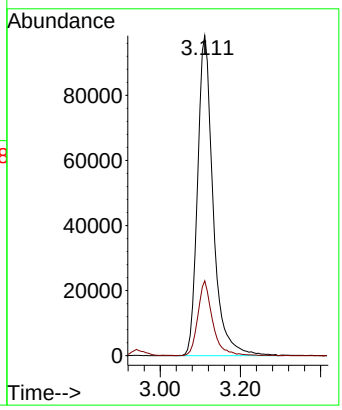


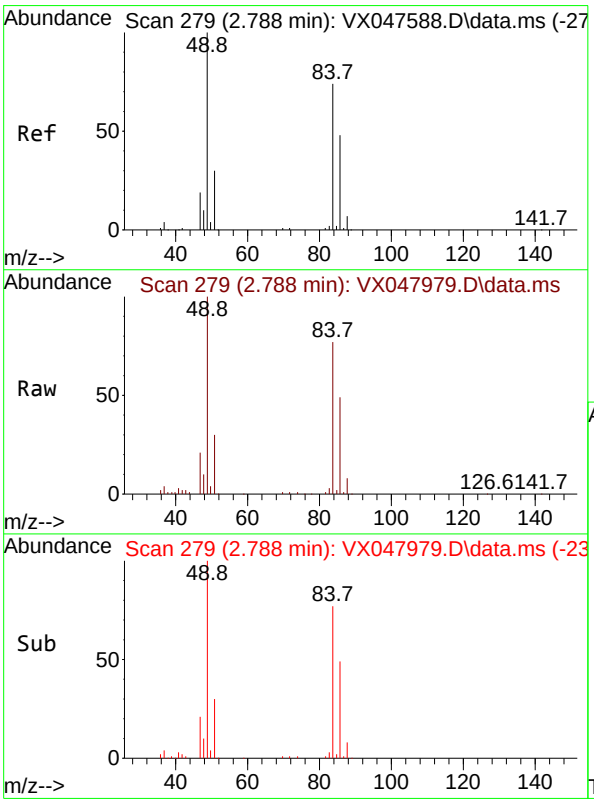
#19
Methyl tert-butyl Ether
Concen: 44.633 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 264663

Ion	Ratio	Lower	Upper
73	100		
57	23.4	17.4	26.2

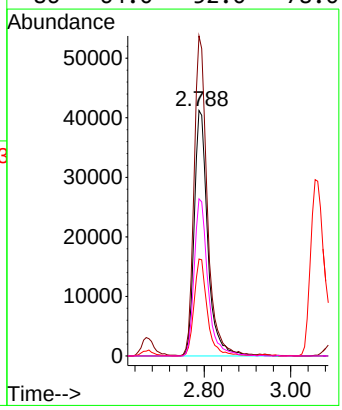


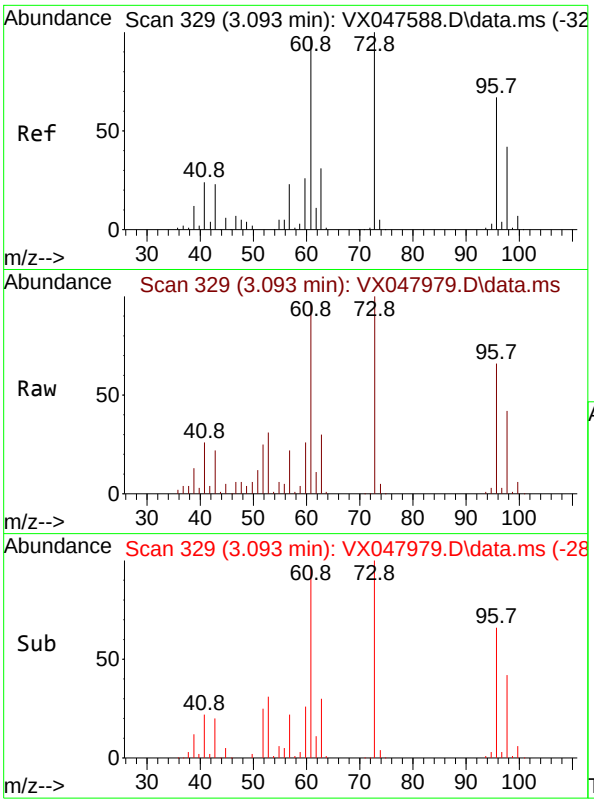


#20
Methylene Chloride
Concen: 44.585 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 84 Resp: 89302

Ion	Ratio	Lower	Upper
84	100		
49	130.1	108.6	162.8
51	39.5	32.6	48.8
86	64.0	52.0	78.0



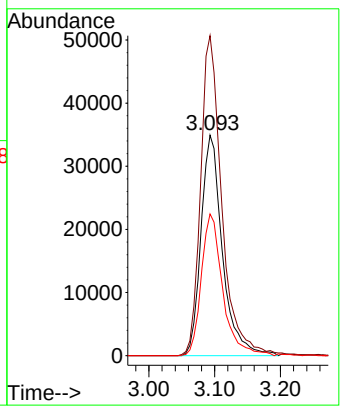


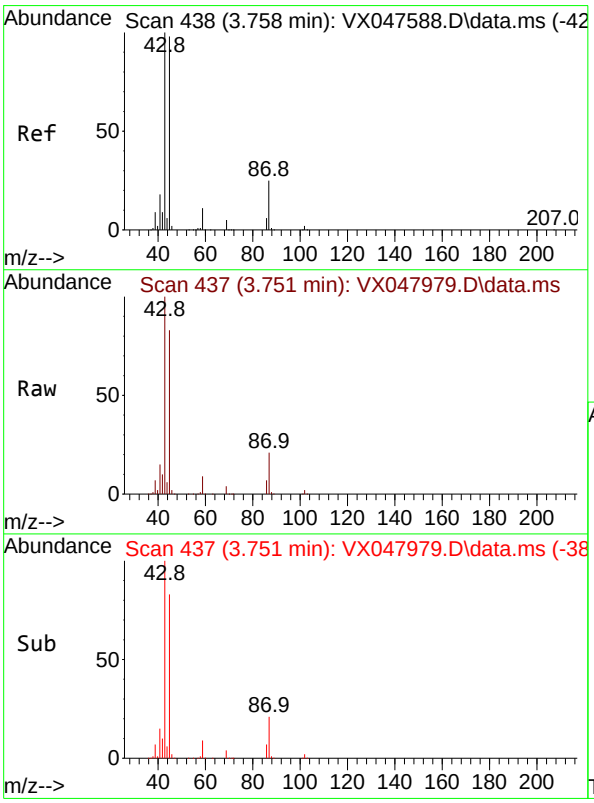
#21
trans-1,2-Dichloroethene
Concen: 45.306 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 79233

Ion	Ratio	Lower	Upper
96	100		
61	145.2	116.2	174.2
98	64.3	49.3	73.9

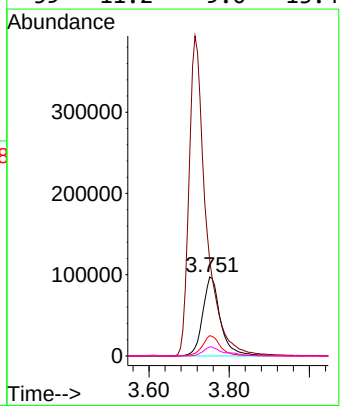


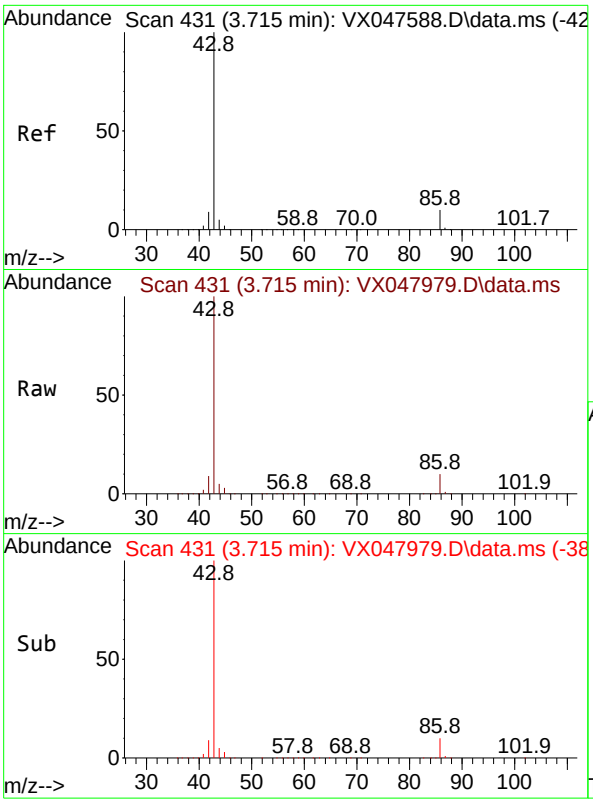


#22
Diisopropyl ether
Concen: 46.214 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 45 Resp: 300215

Ion	Ratio	Lower	Upper
45	100		
43	119.3	81.0	121.4
87	25.7	20.3	30.5
59	11.2	9.0	13.4



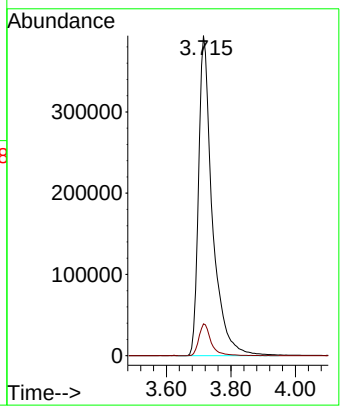


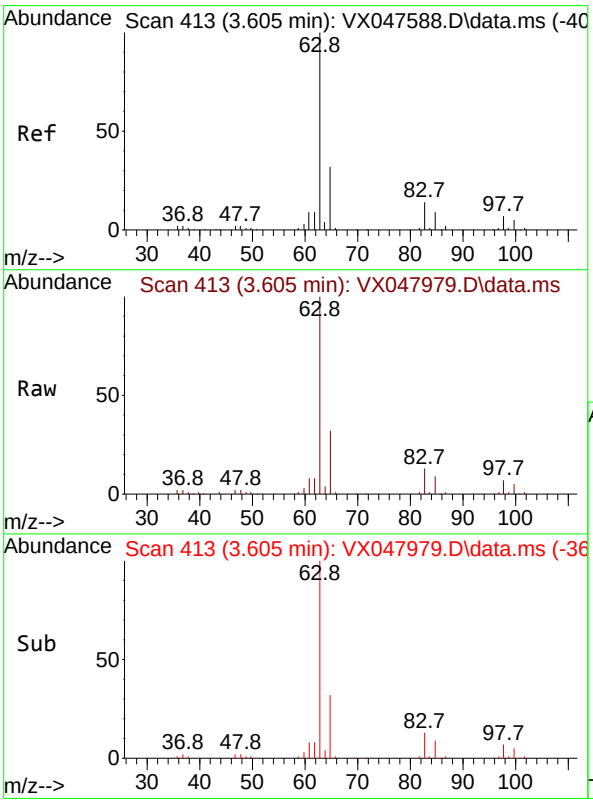
#23
Vinyl Acetate
Concen: 225.049 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1170077

Ion	Ratio	Lower	Upper
43	100		
86	9.9	7.8	11.8

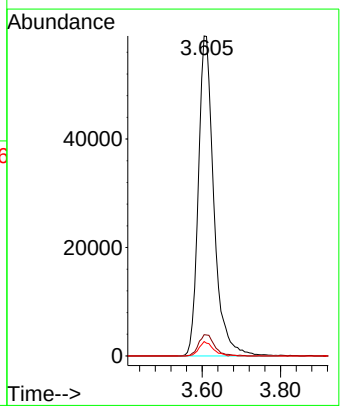


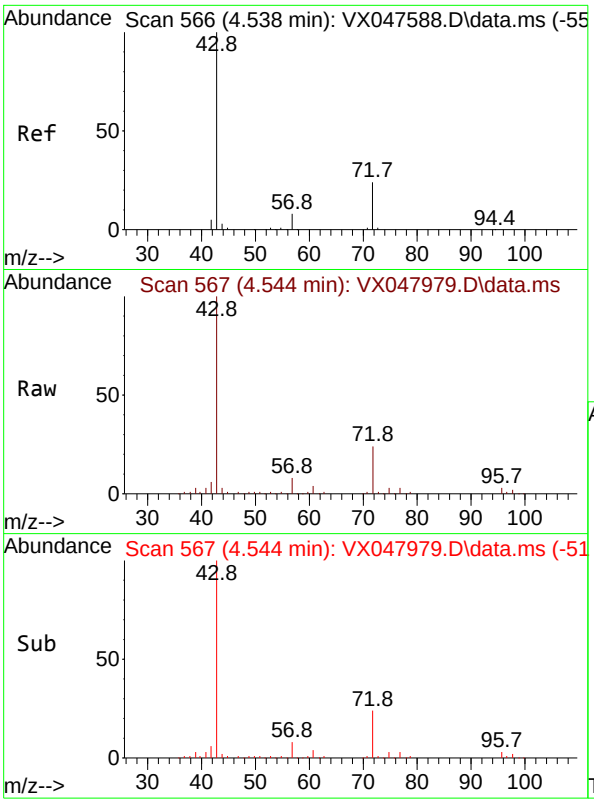


#24
1,1-Dichloroethane
Concen: 47.048 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 63 Resp: 162449

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.8	11.2
100	4.5	2.3	6.9



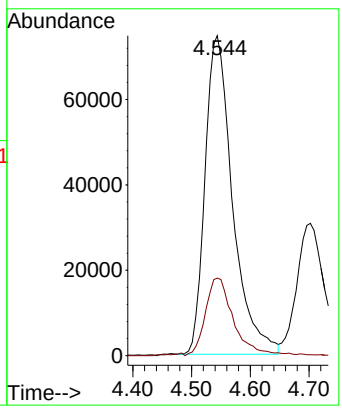


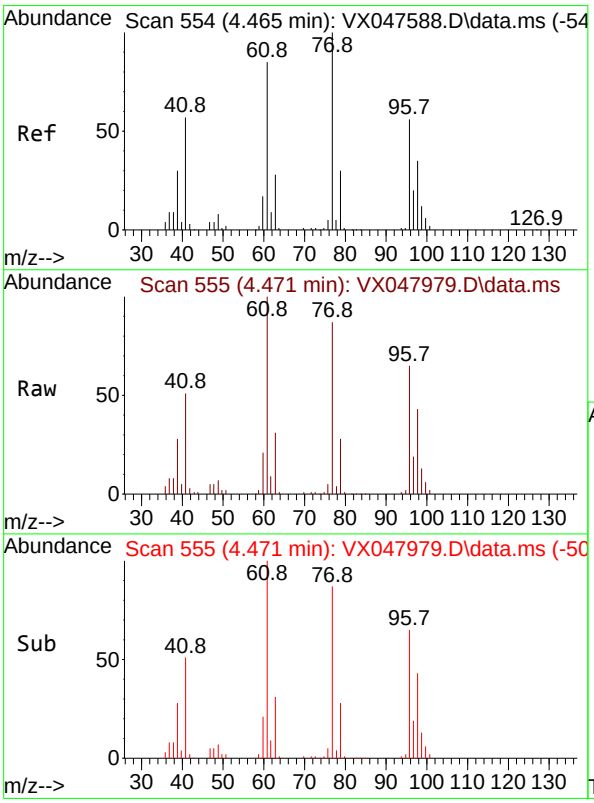
#25
2-Butanone
Concen: 206.107 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 243272

Ion	Ratio	Lower	Upper
43	100		
72	23.8	20.1	30.1

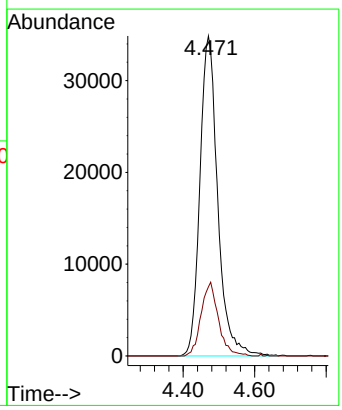


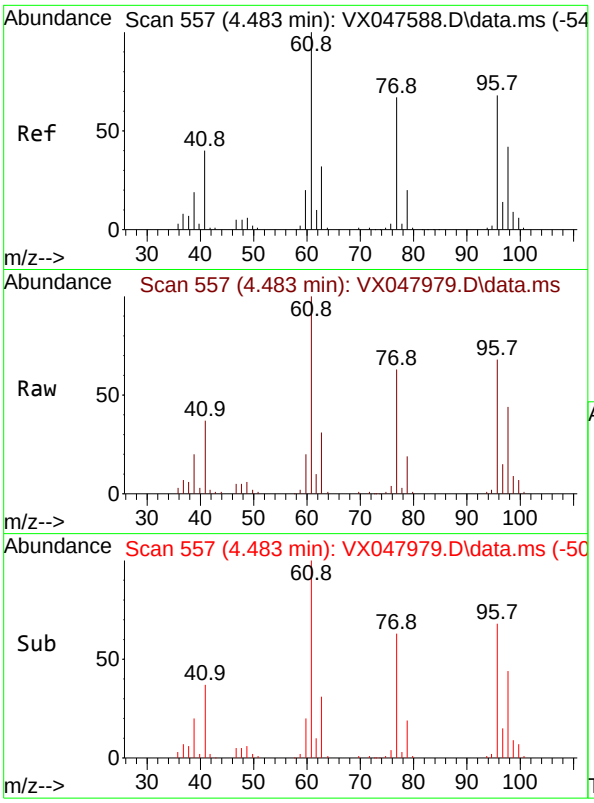


#26
2,2-Dichloropropane
Concen: 41.955 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 77 Resp: 120419

Ion	Ratio	Lower	Upper
77	100		
97	22.5	10.9	32.7



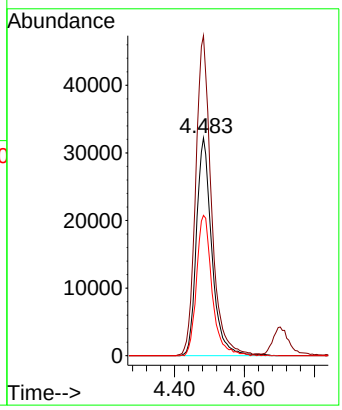


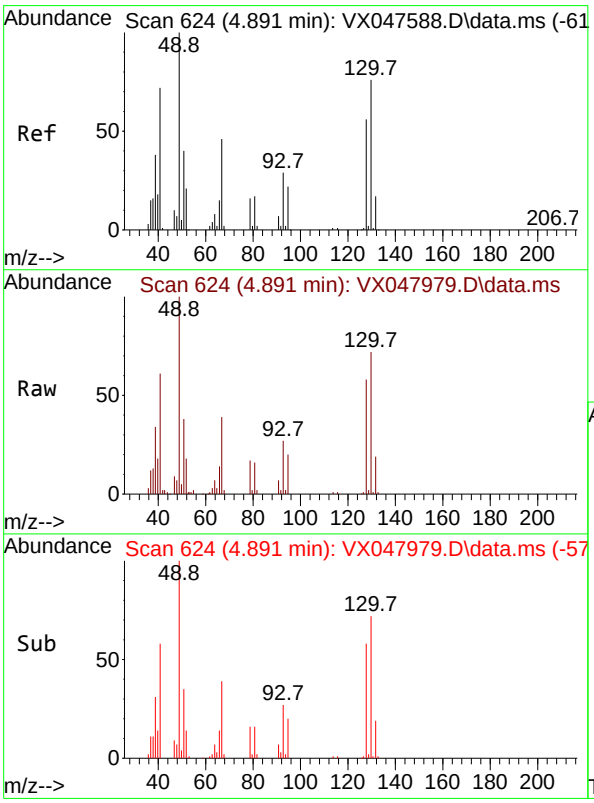
#27
cis-1,2-Dichloroethene
Concen: 45.745 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 97974

Ion	Ratio	Lower	Upper
96	100		
61	150.3	0.0	303.2
98	65.1	0.0	127.8

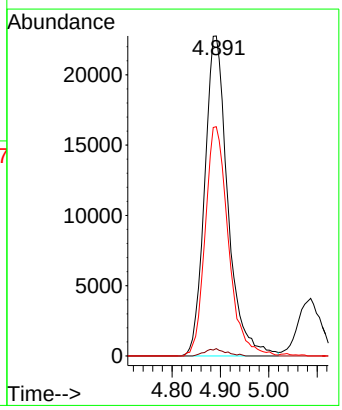


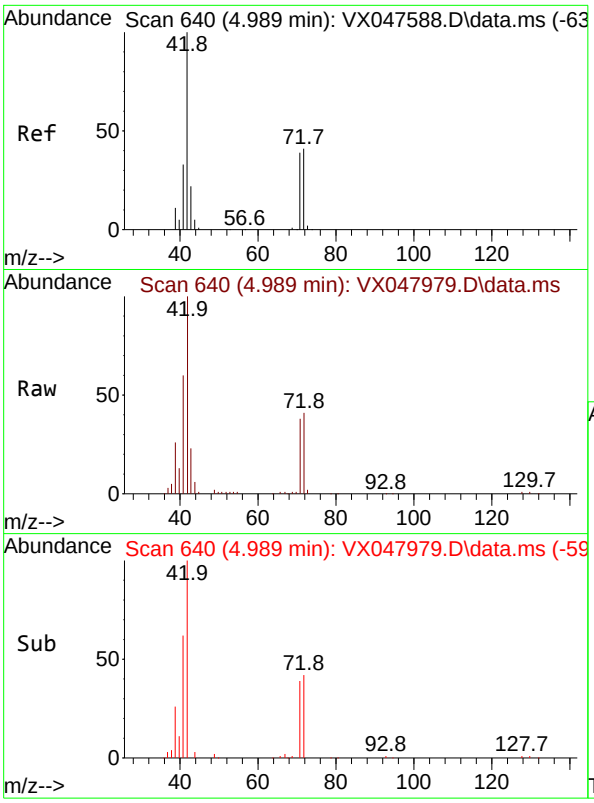


#28
Bromochloromethane
Concen: 50.068 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 49 Resp: 75472

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.2
130	71.8	57.8	86.8



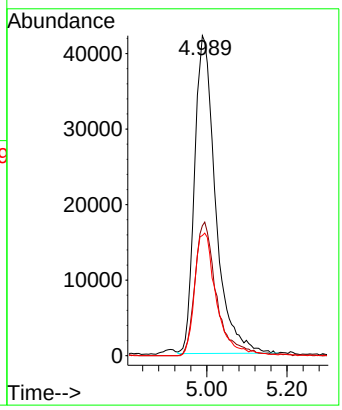


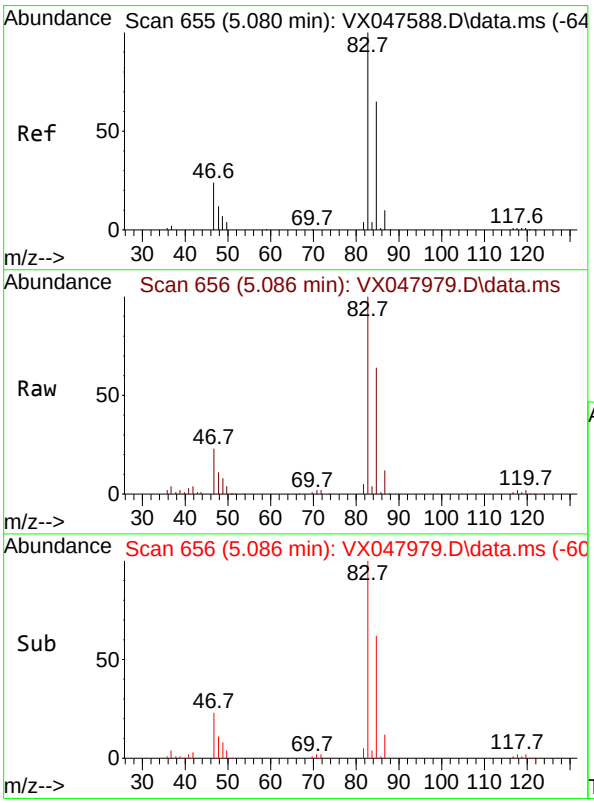
#29
Tetrahydrofuran
Concen: 215.165 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 152778

Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.2	51.2
71	40.3	31.9	47.9

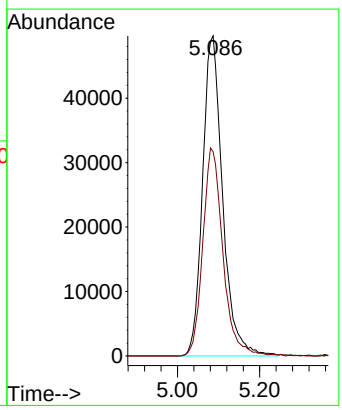


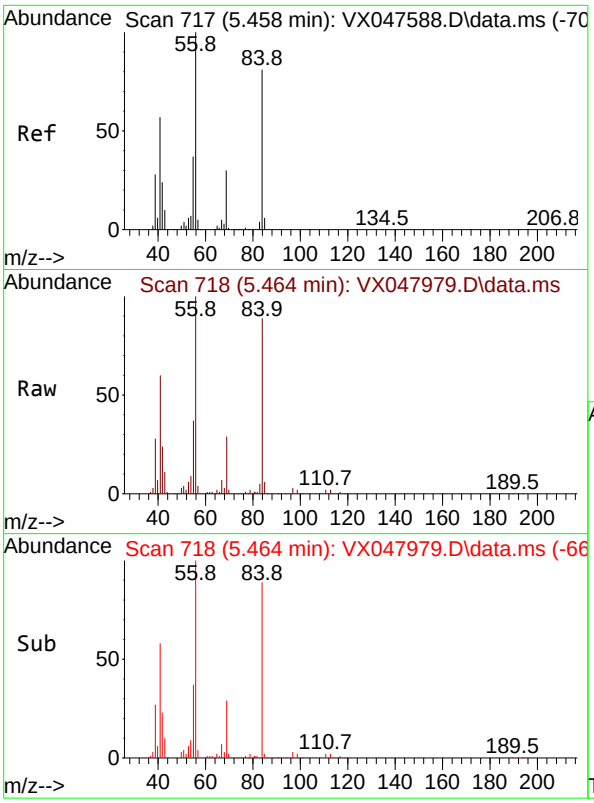


#30
Chloroform
Concen: 48.152 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 83 Resp: 168009

Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.8	77.6



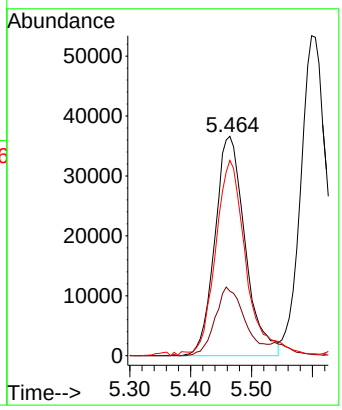


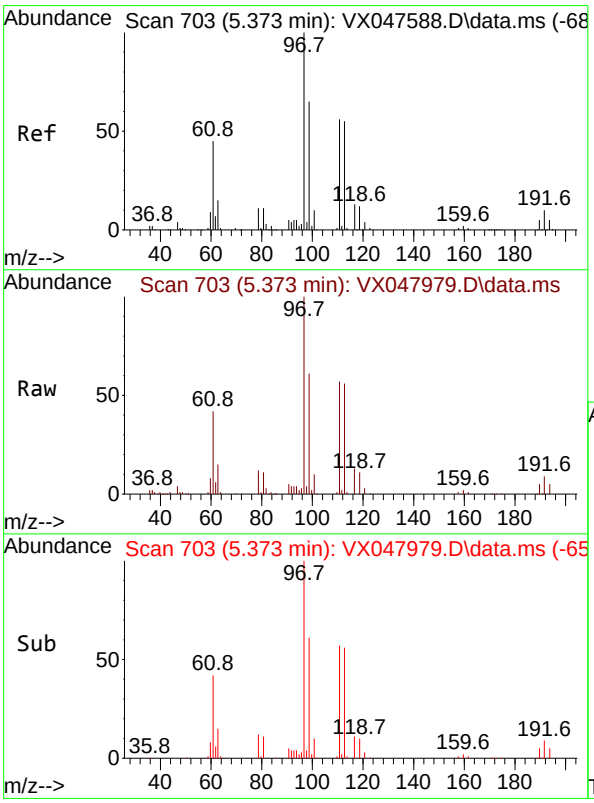
#31
Cyclohexane
Concen: 43.897 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 126237

Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.8	35.8
84	88.8	64.6	97.0

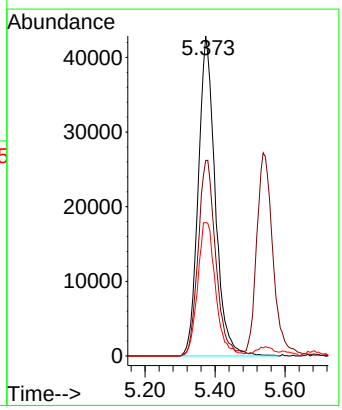


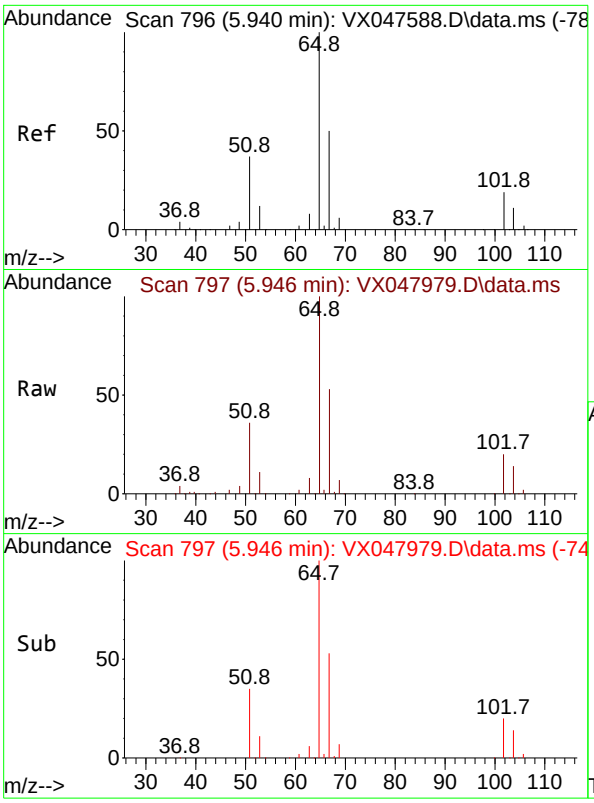


#32
1,1,1-Trichloroethane
Concen: 48.646 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 97 Resp: 143969

Ion	Ratio	Lower	Upper
97	100		
99	63.4	50.6	76.0
61	44.4	35.8	53.8



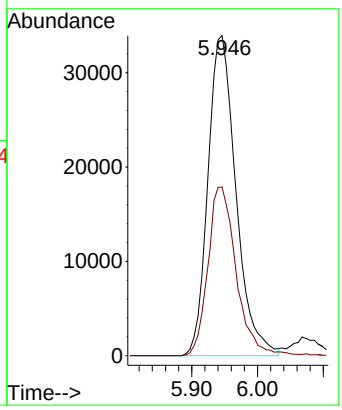


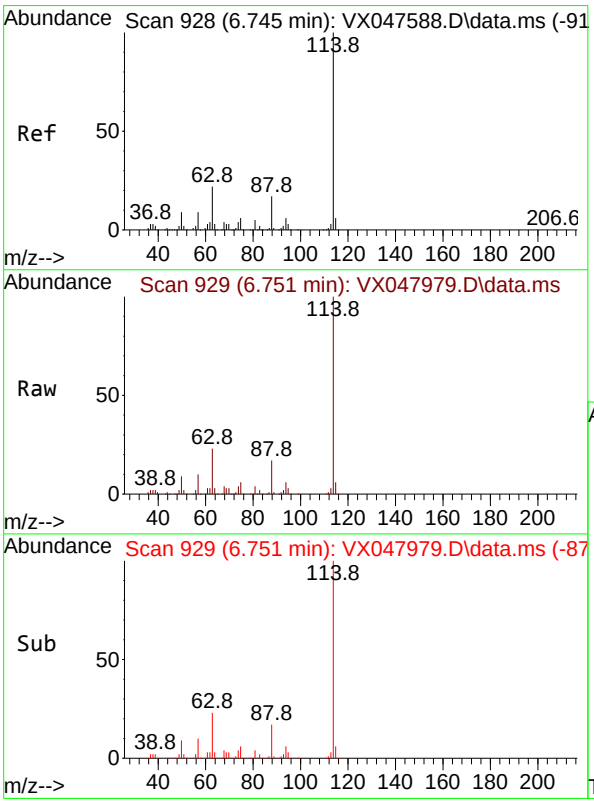
#33
1,2-Dichloroethane-d4
Concen: 46.218 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 100583

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	103.0

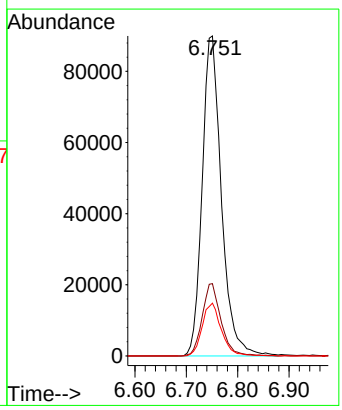


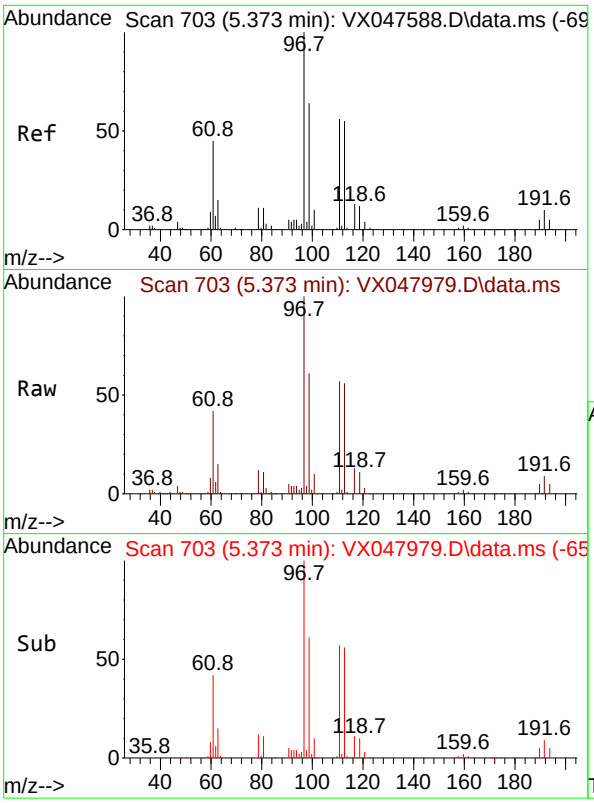


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:114 Resp: 233908

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	44.0
88	16.5	0.0	34.2



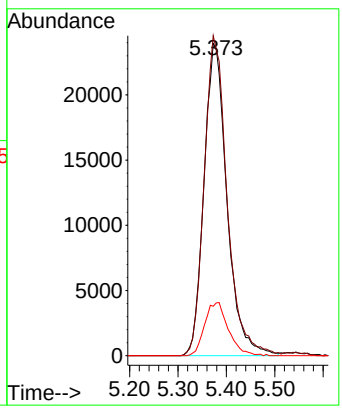


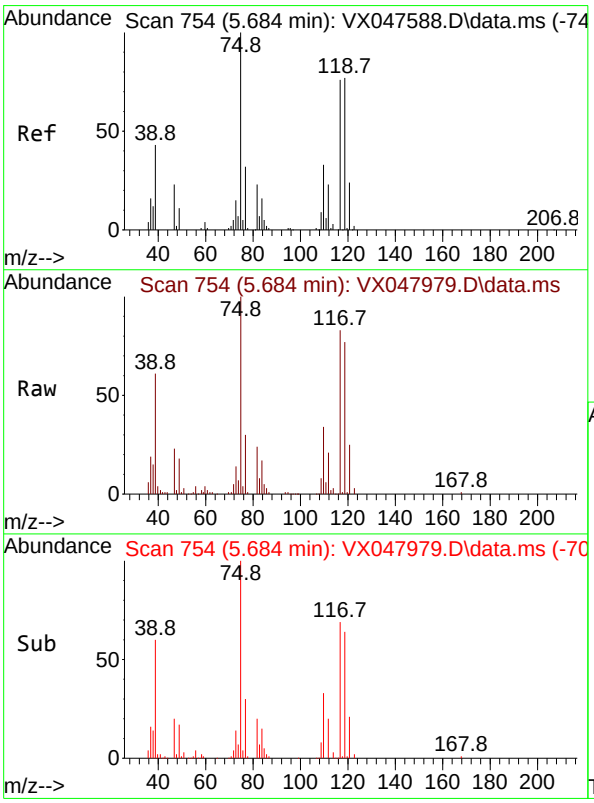
#35
Dibromofluoromethane
Concen: 50.346 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 78978

Ion	Ratio	Lower	Upper
113	100		
111	102.5	80.9	121.3
192	17.6	14.2	21.4

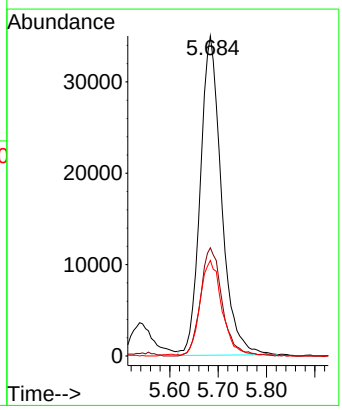


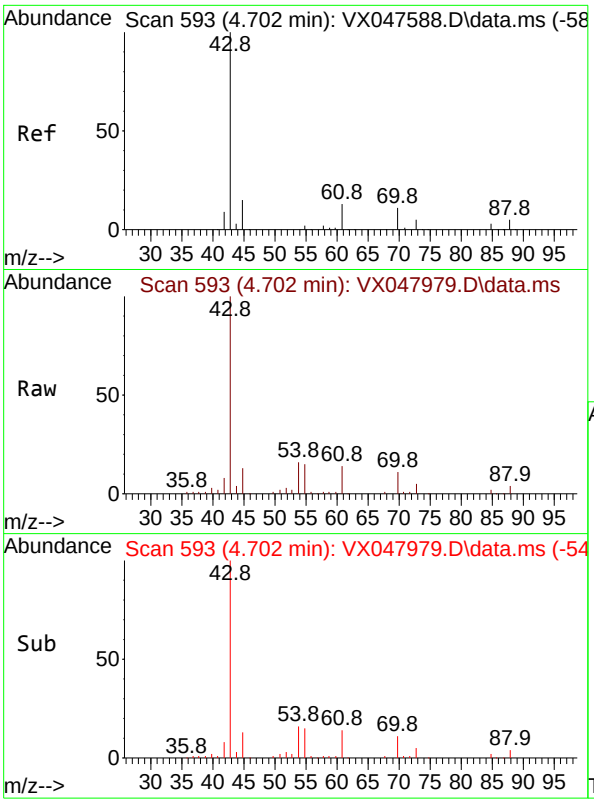


#36
1,1-Dichloropropene
Concen: 46.260 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 75 Resp: 106040

Ion	Ratio	Lower	Upper
75	100		
110	34.8	16.7	50.1
77	31.5	24.3	36.5



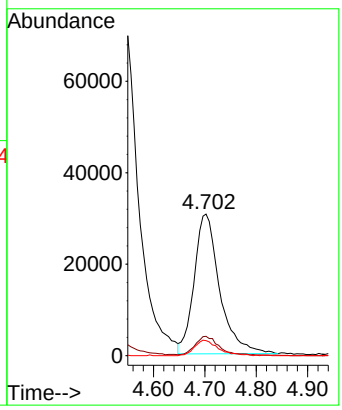


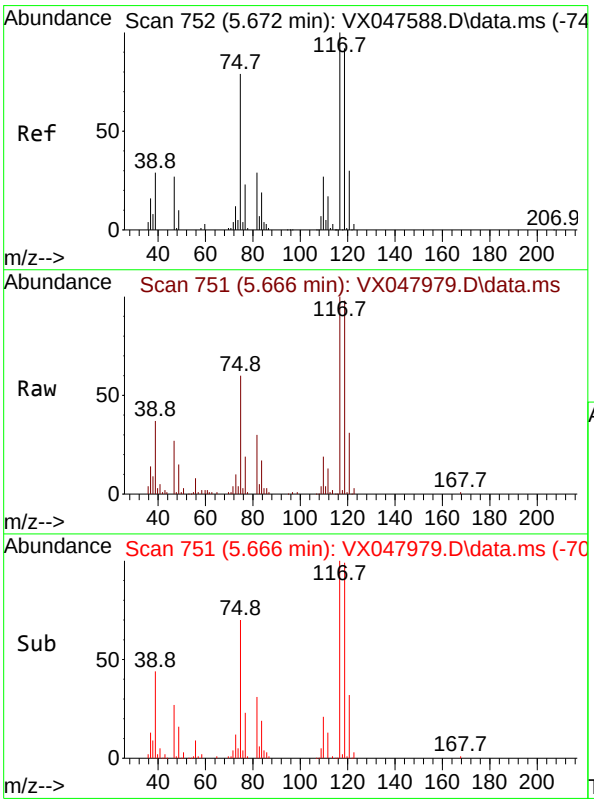
#37
Ethyl Acetate
Concen: 42.948 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 105411

Ion	Ratio	Lower	Upper
43	100		
61	12.5	9.8	14.8
70	10.3	7.9	11.9

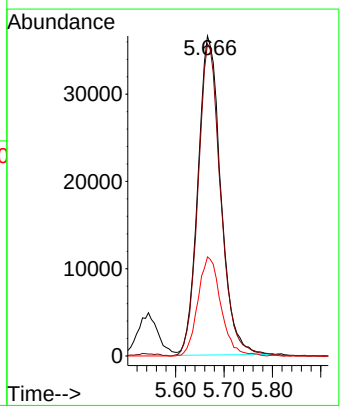


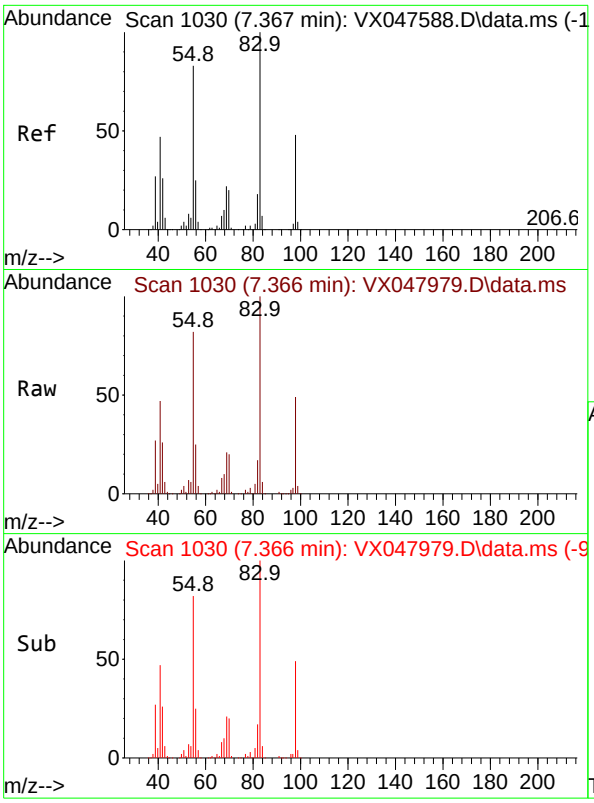


#38
Carbon Tetrachloride
Concen: 48.086 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:117 Resp: 119762

Ion	Ratio	Lower	Upper
117	100		
119	97.5	73.4	110.2
121	30.9	23.8	35.6



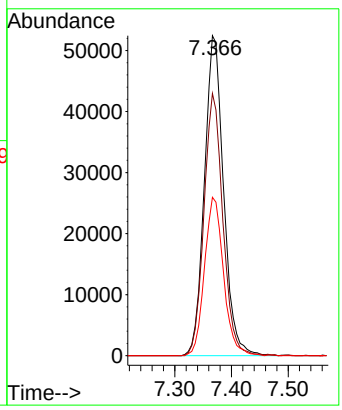


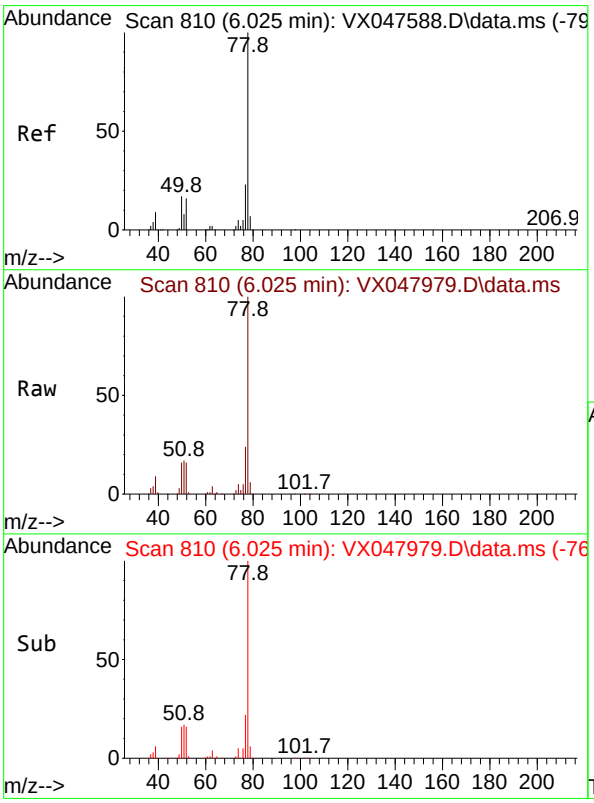
#39
Methylcyclohexane
Concen: 47.401 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 123339

Ion	Ratio	Lower	Upper
83	100		
55	82.0	66.4	99.6
98	49.5	38.1	57.1

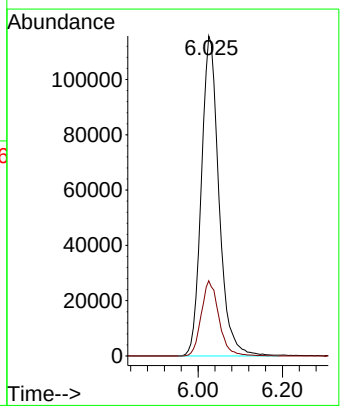


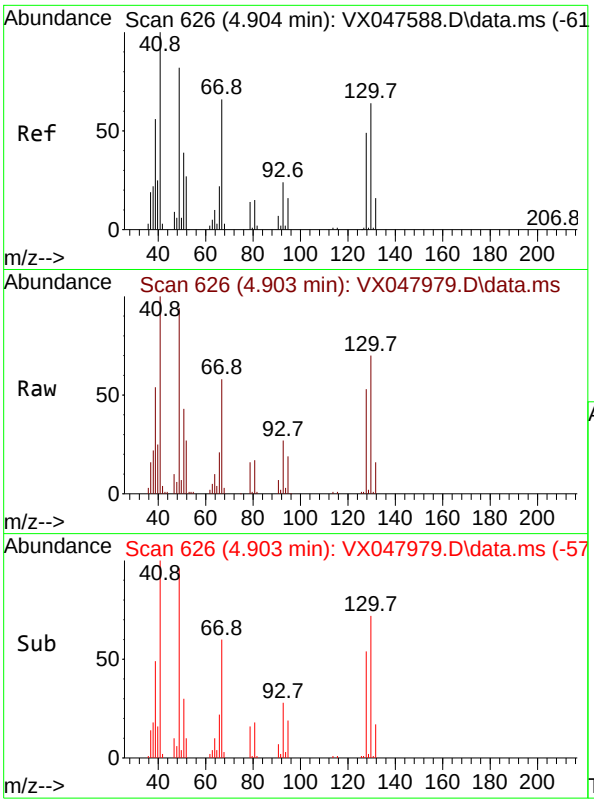


#40
Benzene
Concen: 48.202 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 78 Resp: 335594

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2



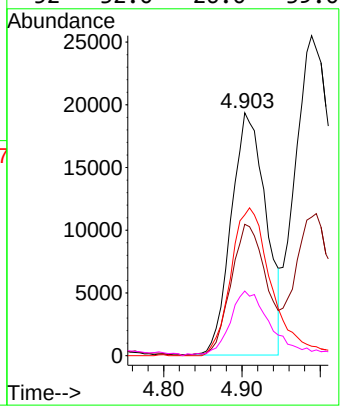


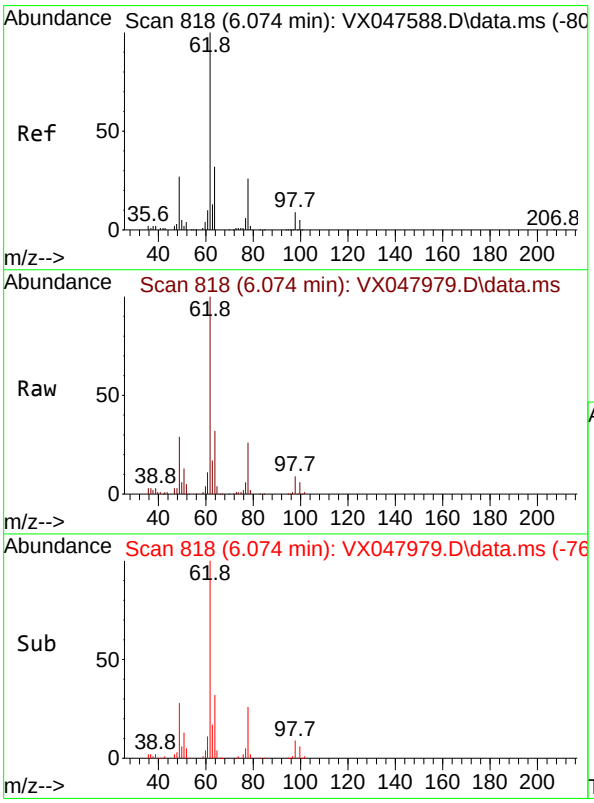
#41
Methacrylonitrile
Concen: 47.082 ug/l
RT: 4.903 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 59657

Ion	Ratio	Lower	Upper
41	100		
39	54.2	43.3	64.9
67	72.6	58.6	87.8
52	32.0	26.0	39.0

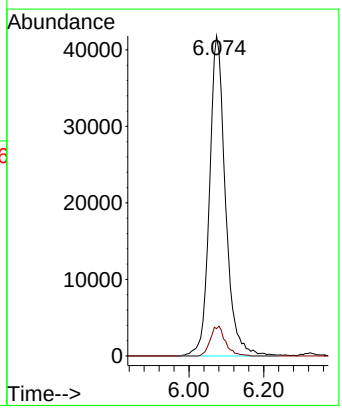


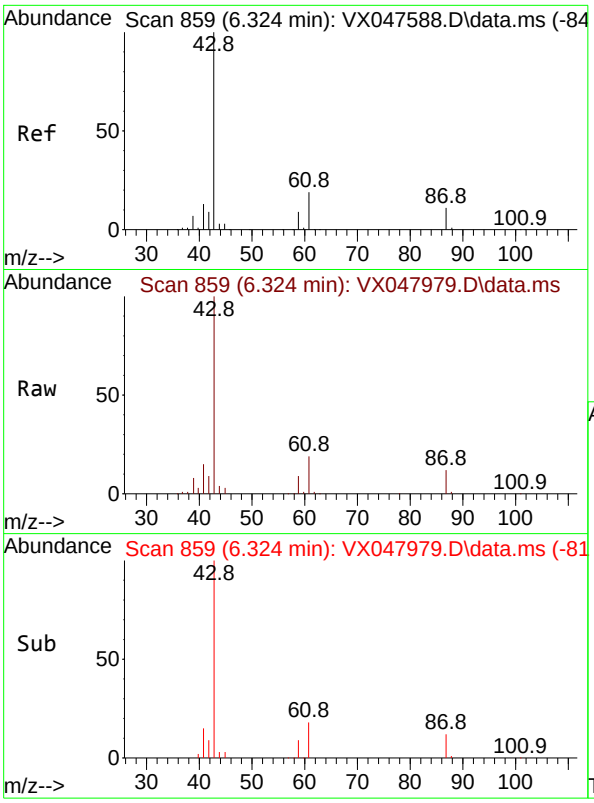


#42
1,2-Dichloroethane
Concen: 46.830 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 62 Resp: 124053

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.0



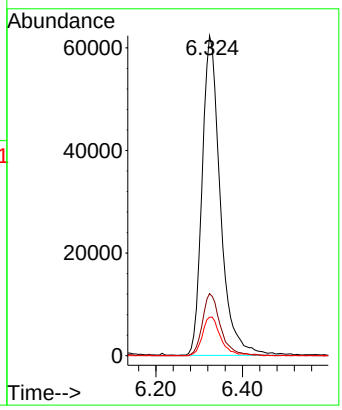


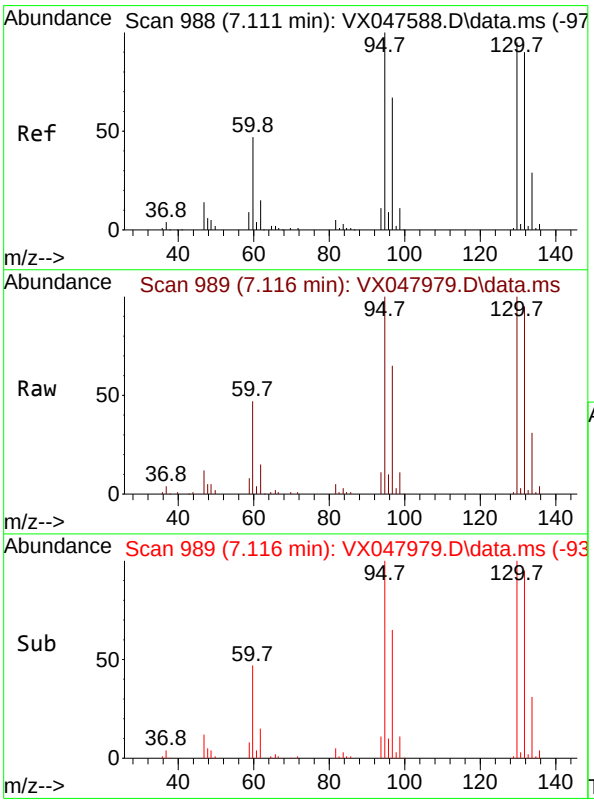
#43
Isopropyl Acetate
Concen: 45.224 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 182039

Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.2	22.8
87	12.1	9.6	14.4

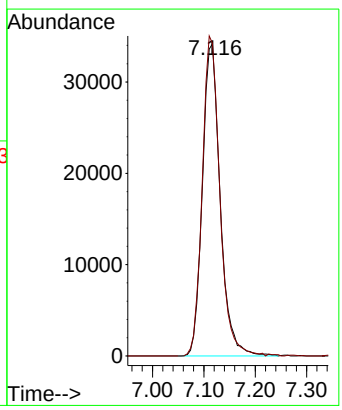


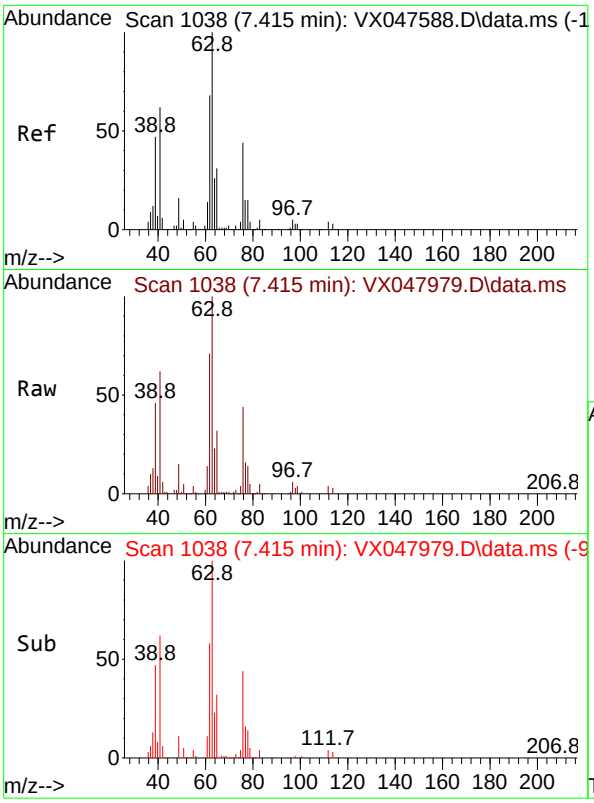


#44
Trichloroethene
Concen: 48.812 ug/l
RT: 7.116 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:130 Resp: 82160

Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	210.8



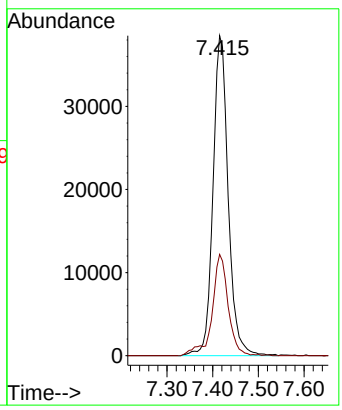


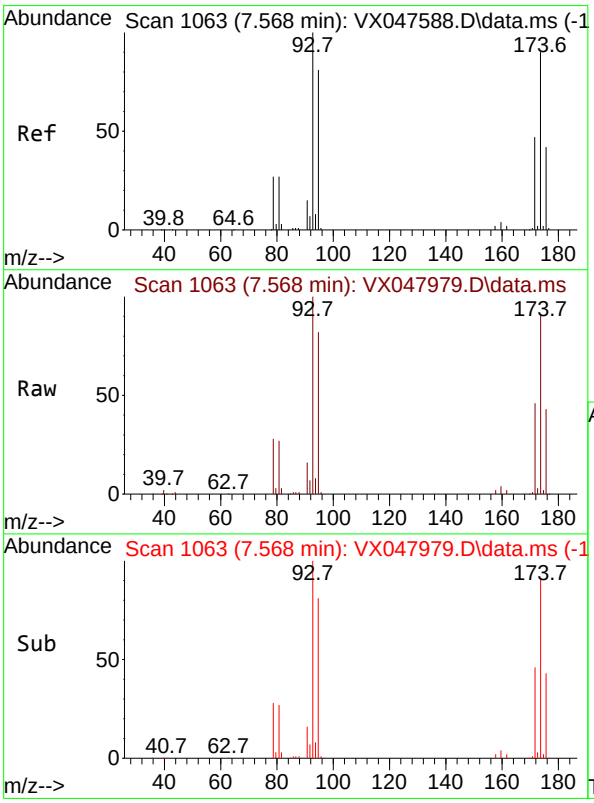
#45
1,2-Dichloropropane
Concen: 49.920 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 88995

Ion	Ratio	Lower	Upper
63	100		
65	31.7	24.7	37.1

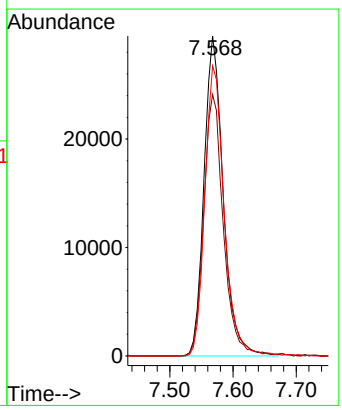


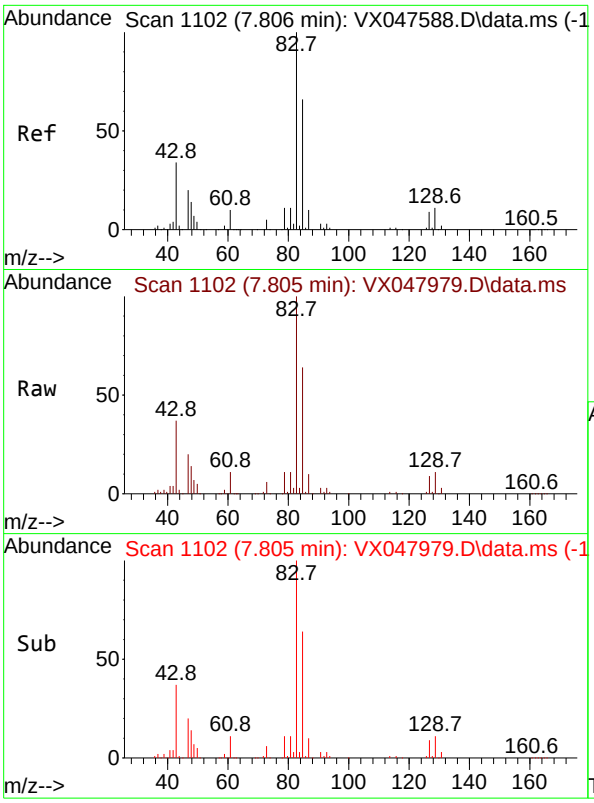


#46
Dibromomethane
Concen: 47.990 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 93 Resp: 62258

Ion	Ratio	Lower	Upper
93	100		
95	83.7	65.0	97.6
174	91.9	71.6	107.4



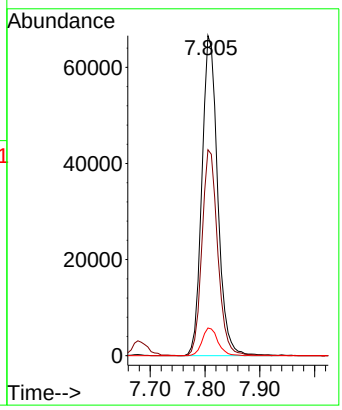


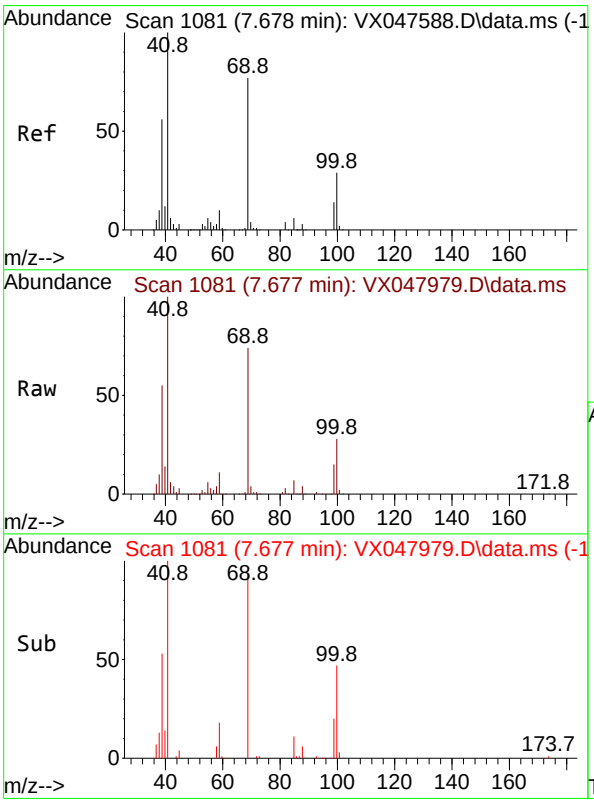
#47
Bromodichloromethane
Concen: 49.599 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 132779

Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.5	78.7
127	8.6	6.9	10.3

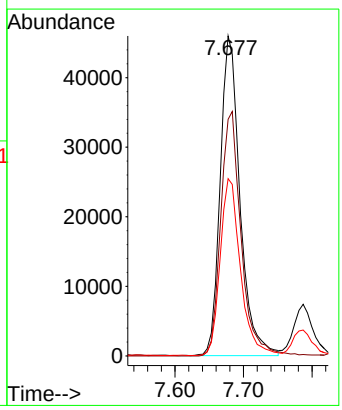


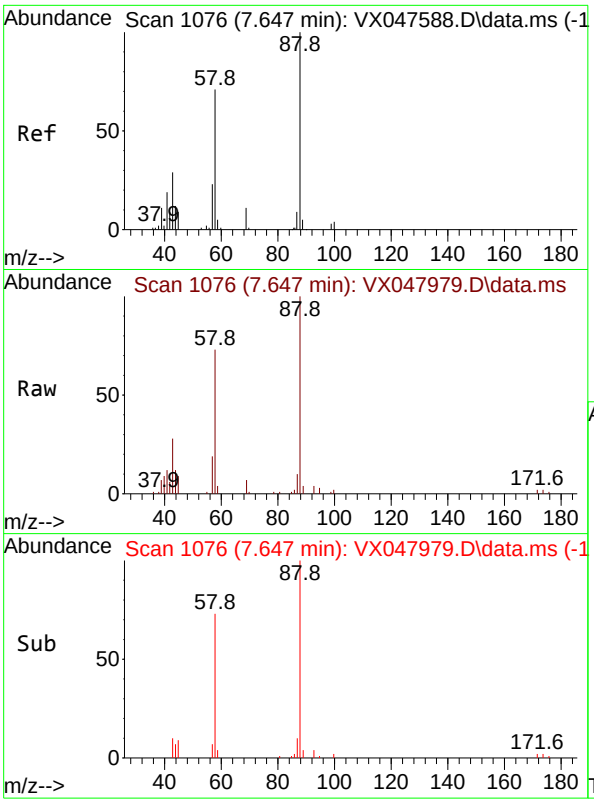


#48
Methyl methacrylate
Concen: 45.781 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 41 Resp: 91793

Ion	Ratio	Lower	Upper
41	100		
69	79.3	61.4	92.2
39	56.8	45.8	68.6



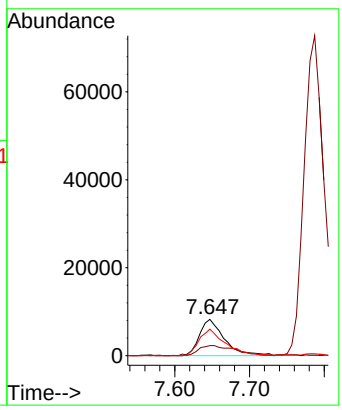


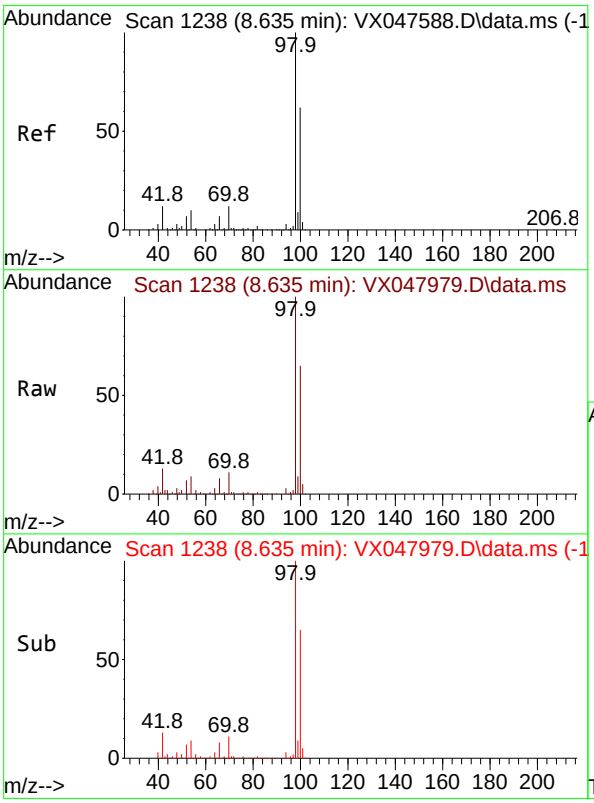
#49
1,4-Dioxane
Concen: 941.858 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 19085

Ion	Ratio	Lower	Upper
88	100		
43	41.1	30.2	45.2
58	77.1	59.5	89.3

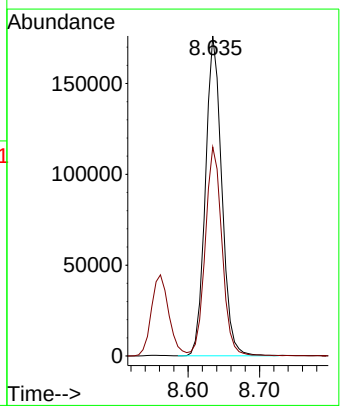


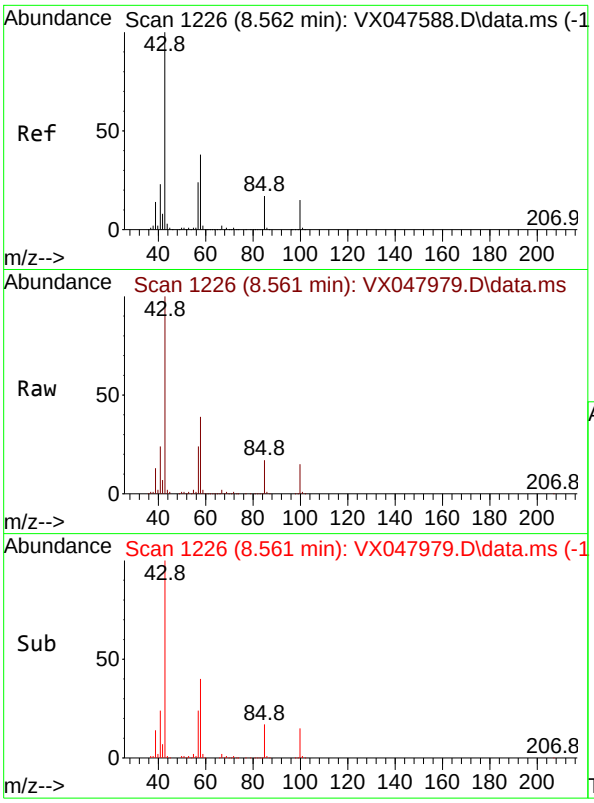


#50
Toluene-d8
Concen: 51.552 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 98 Resp: 279825

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.4



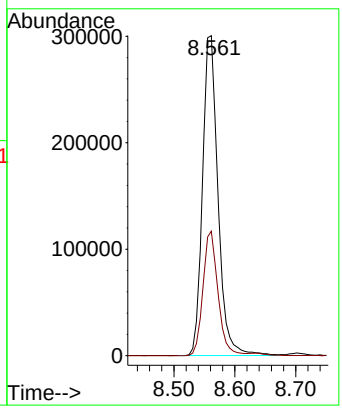


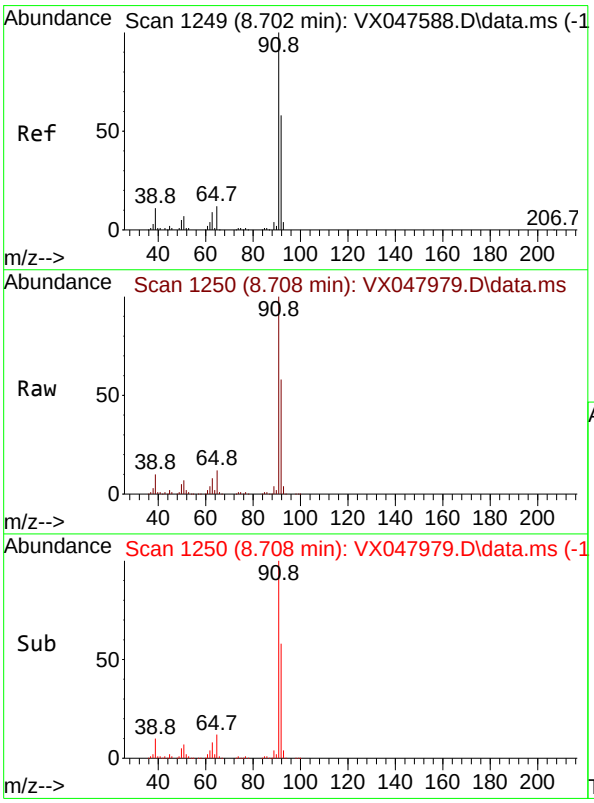
#51
4-Methyl-2-Pentanone
Concen: 238.660 ug/l
RT: 8.561 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 532643

Ion	Ratio	Lower	Upper
43	100		
58	37.7	30.3	45.5

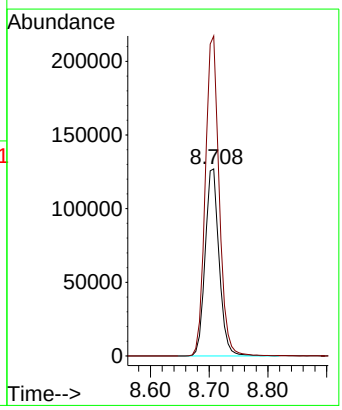


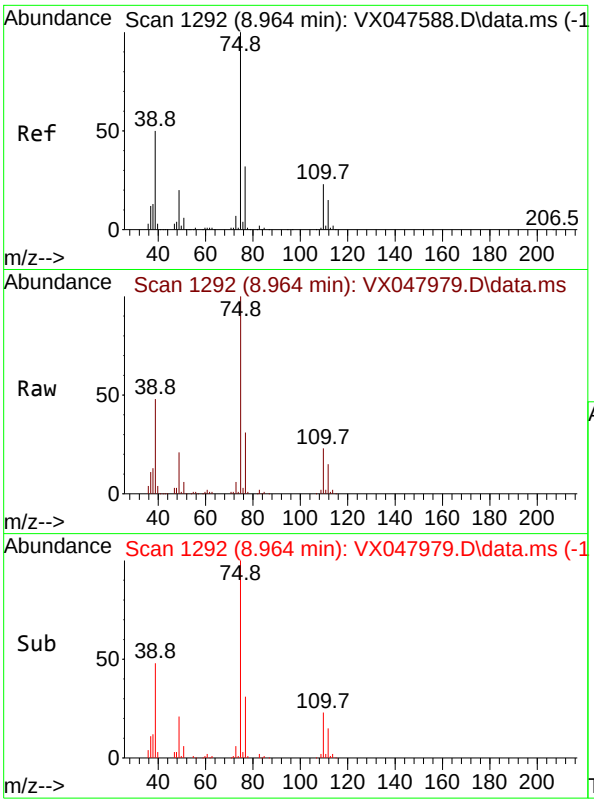


#52
Toluene
Concen: 48.861 ug/l
RT: 8.708 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 92 Resp: 209586

Ion	Ratio	Lower	Upper
92	100		
91	170.0	137.1	205.7



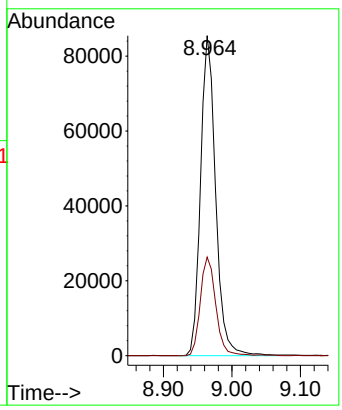


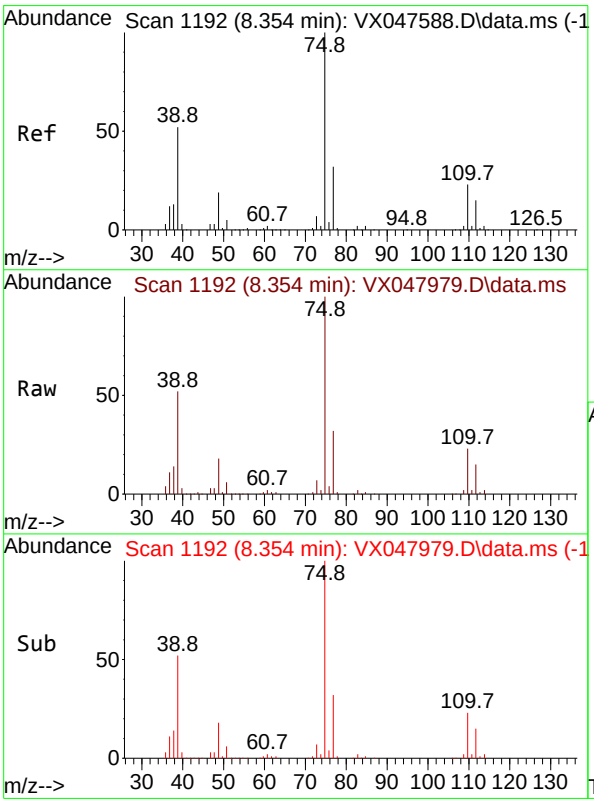
#53
t-1,3-Dichloropropene
Concen: 47.963 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 130969

Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.4	38.2

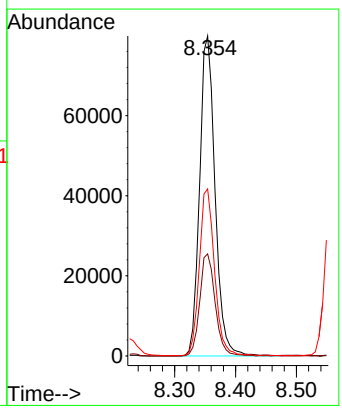


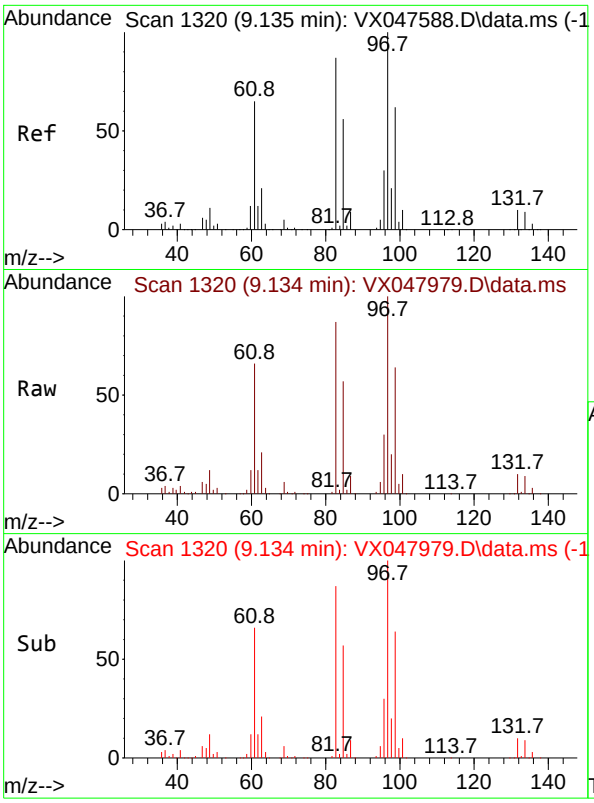


#54
cis-1,3-Dichloropropene
Concen: 48.296 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 75 Resp: 140958

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.8	38.6
39	52.1	41.4	62.2



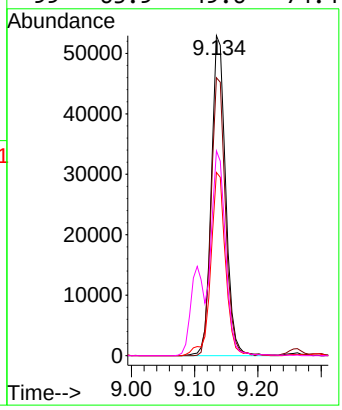


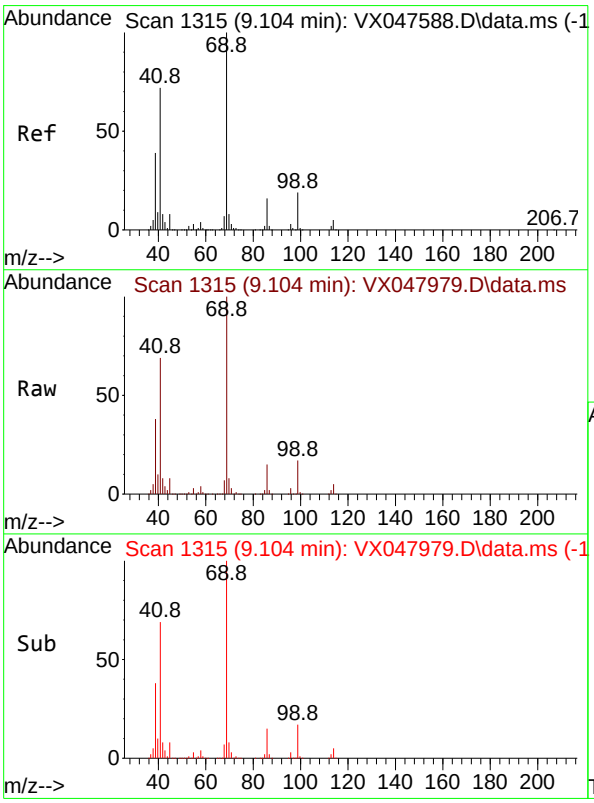
#55
1,1,2-Trichloroethane
Concen: 50.244 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 83102

Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.6	104.4
85	57.2	45.0	67.6
99	63.9	49.6	74.4

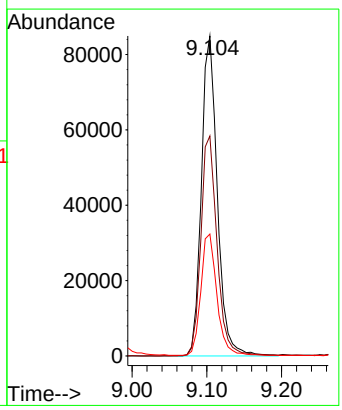


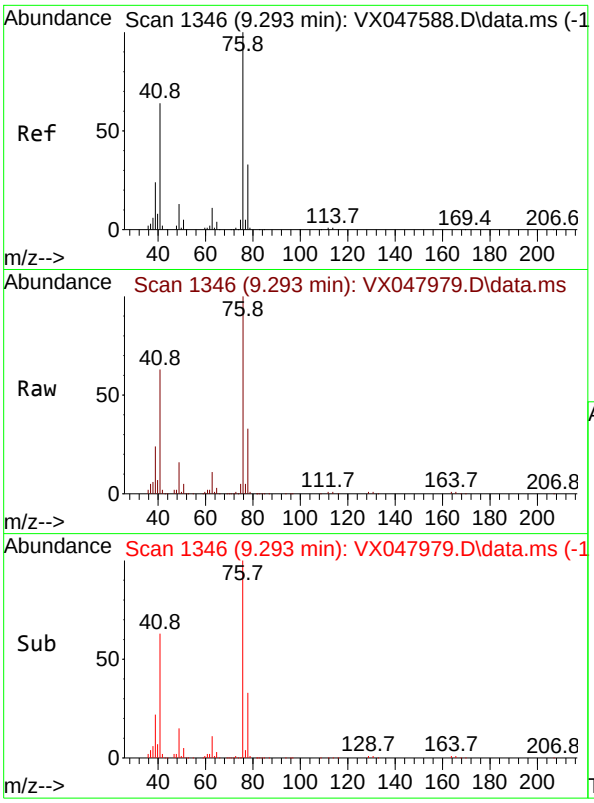


#56
Ethyl methacrylate
Concen: 48.455 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 69 Resp: 125862

Ion	Ratio	Lower	Upper
69	100		
41	70.4	58.6	87.8
39	38.5	31.5	47.3



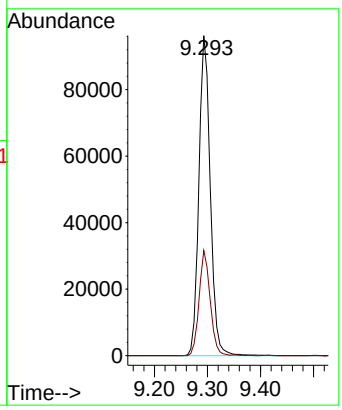


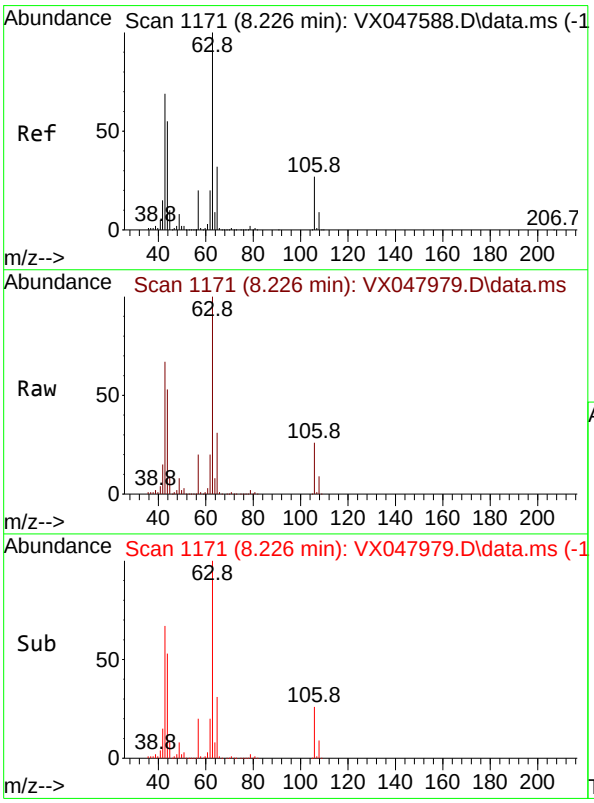
#57
1,3-Dichloropropane
Concen: 50.605 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 143780

Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.2	39.4

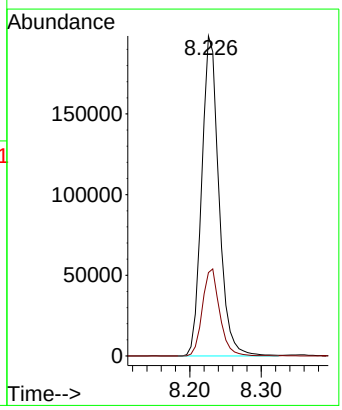


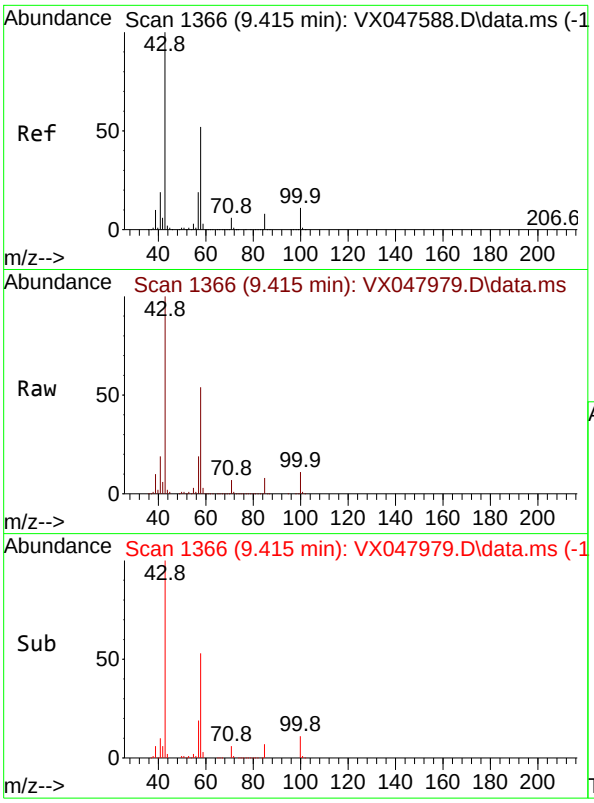


#58
2-Chloroethyl Vinyl ether
Concen: 265.571 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 63 Resp: 330970

Ion	Ratio	Lower	Upper
63	100		
106	27.4	21.9	32.9



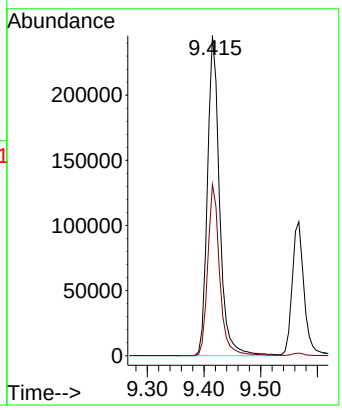


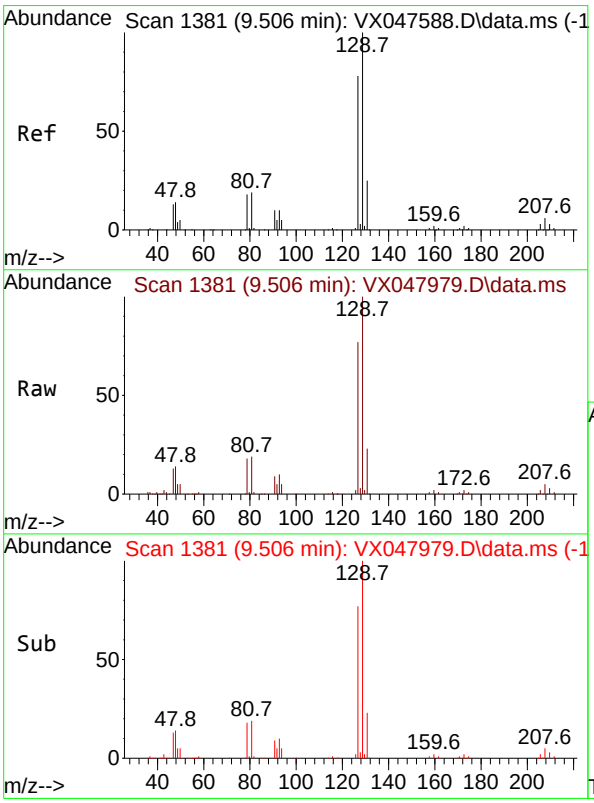
#59
2-Hexanone
Concen: 227.424 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 364535

Ion	Ratio	Lower	Upper
43	100		
58	52.7	26.1	78.2

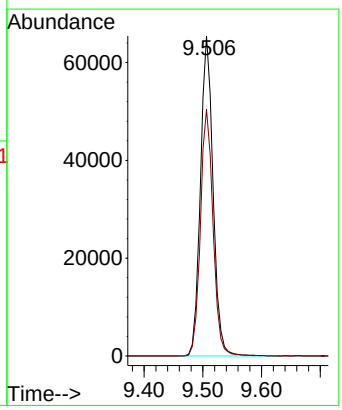


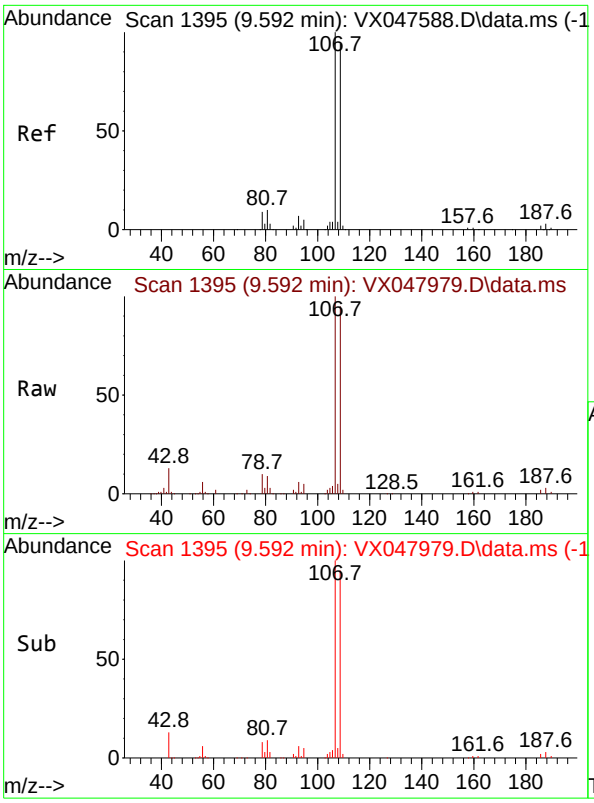


#60
Dibromochloromethane
Concen: 51.215 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:129 Resp: 97603

Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.4	115.2



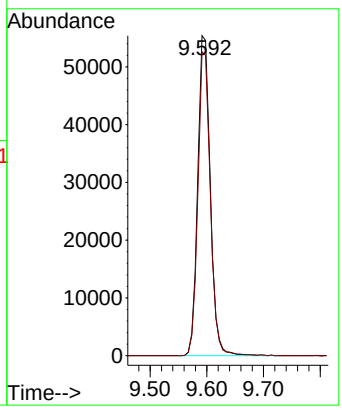


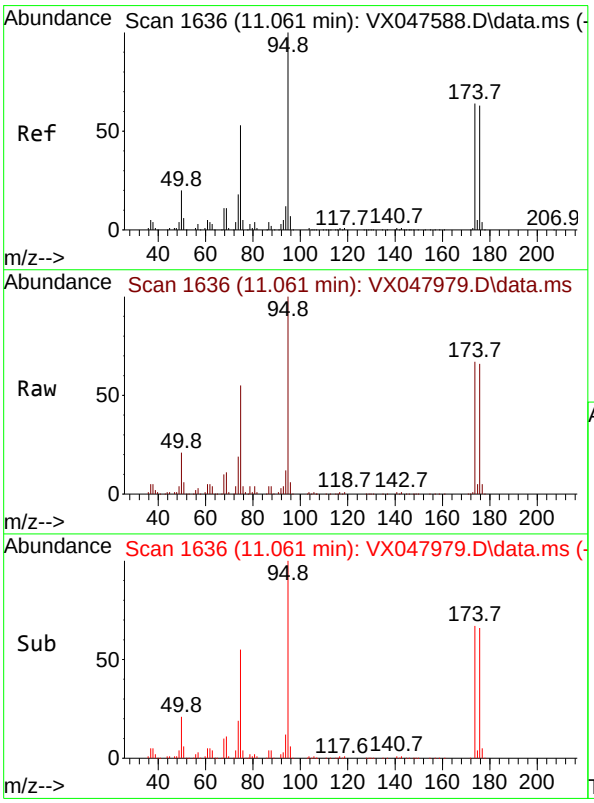
#61
1,2-Dibromoethane
Concen: 50.656 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 85338

Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.3	112.9

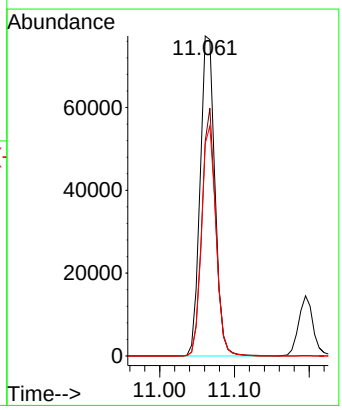


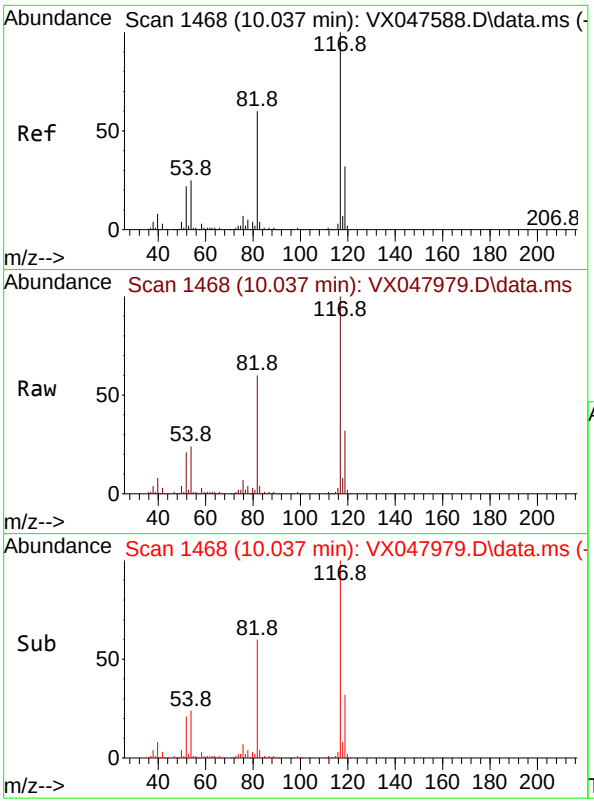


#62
4-Bromofluorobenzene
Concen: 51.352 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 95 Resp: 105788

Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	141.6
176	70.1	0.0	138.4



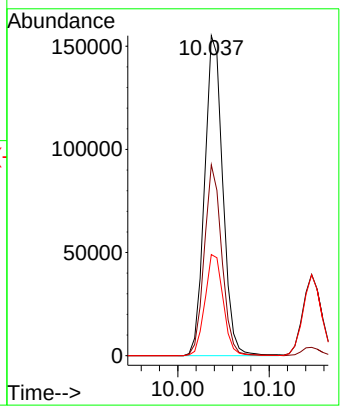


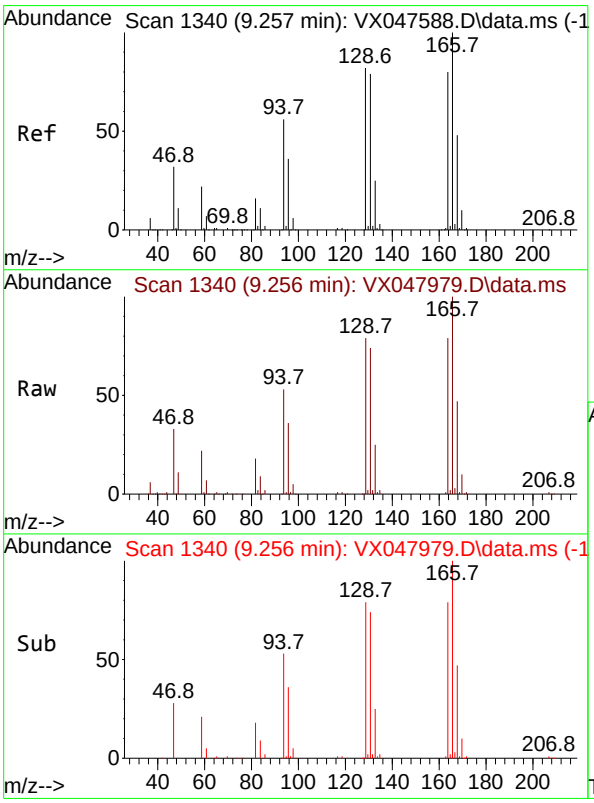
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 213849

Ion	Ratio	Lower	Upper
117	100		
82	59.7	47.8	71.6
119	31.6	25.2	37.8

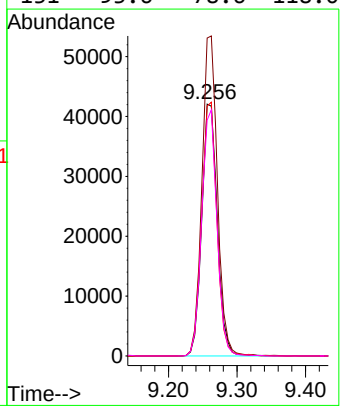


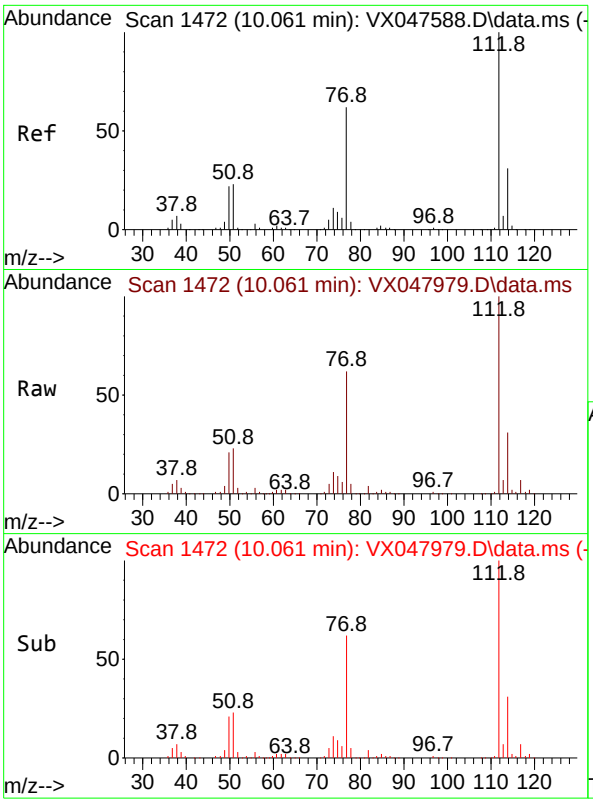


#64
Tetrachloroethene
Concen: 47.615 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:164 Resp: 66378

Ion	Ratio	Lower	Upper
164	100		
166	126.2	100.2	150.2
129	99.2	81.8	122.6
131	93.6	78.6	118.0



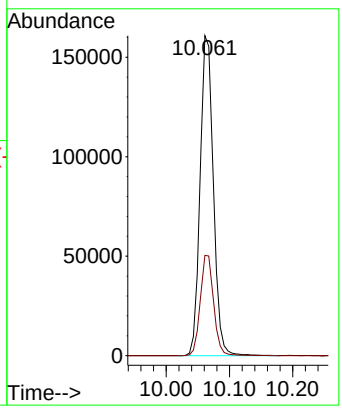


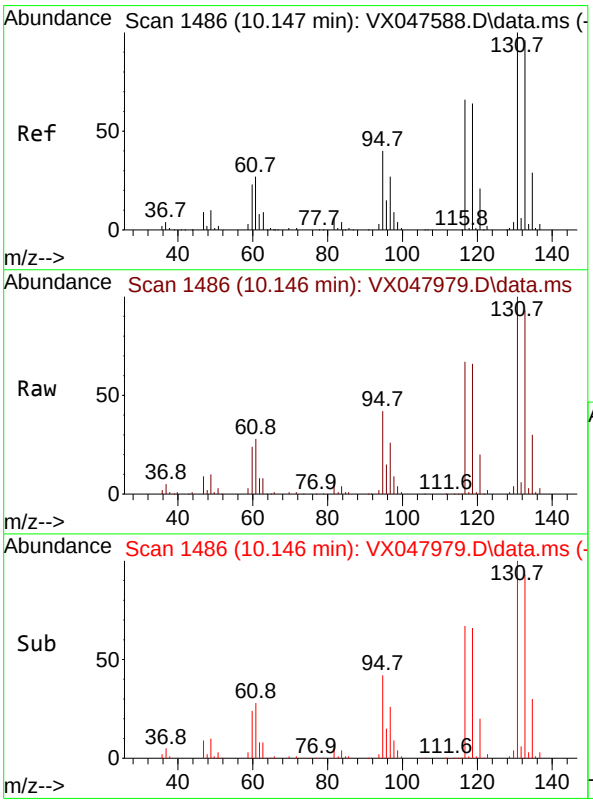
#65
Chlorobenzene
Concen: 48.361 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 234948

Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.1	37.7

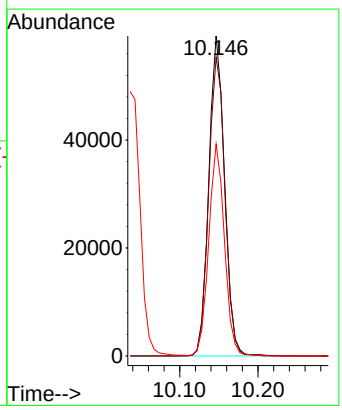


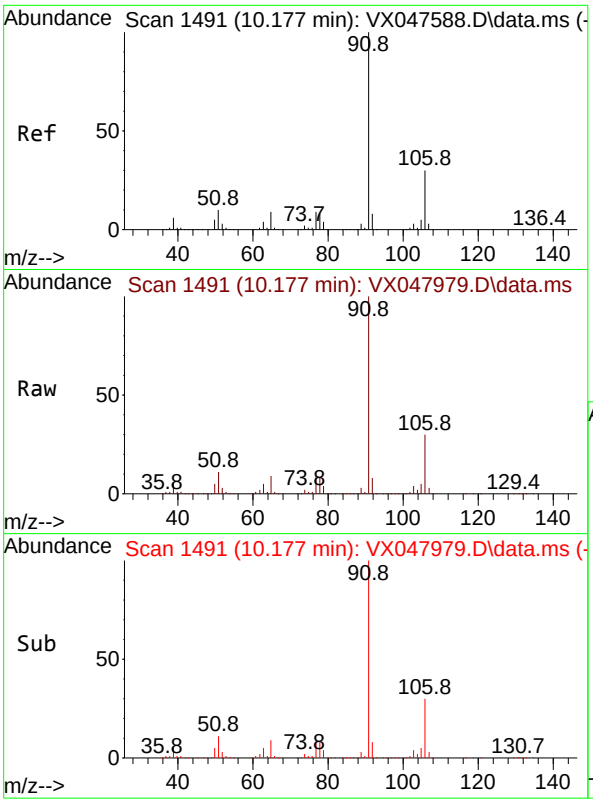


#66
1,1,1,2-Tetrachloroethane
Concen: 49.285 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:131 Resp: 82624

Ion	Ratio	Lower	Upper
131	100		
133	96.6	47.3	142.0
119	66.0	32.0	96.0



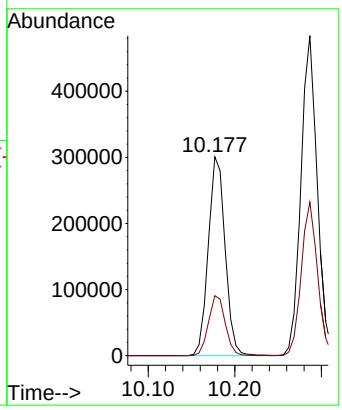


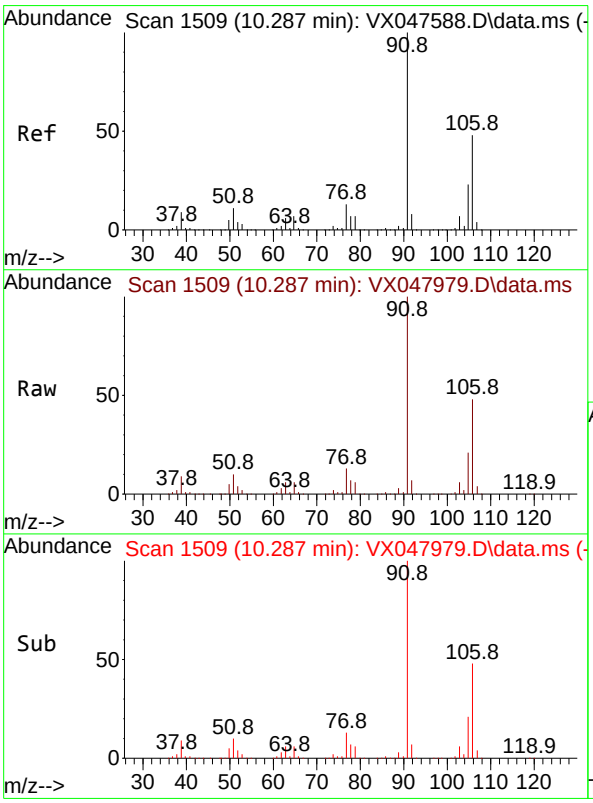
#67
Ethyl Benzene
Concen: 48.454 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 406171

Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.3	36.5

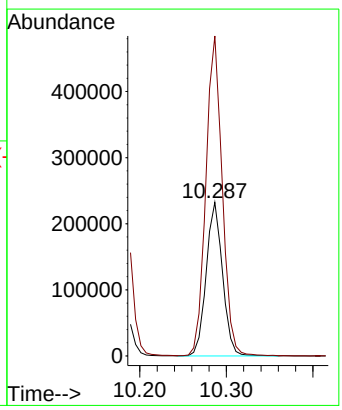


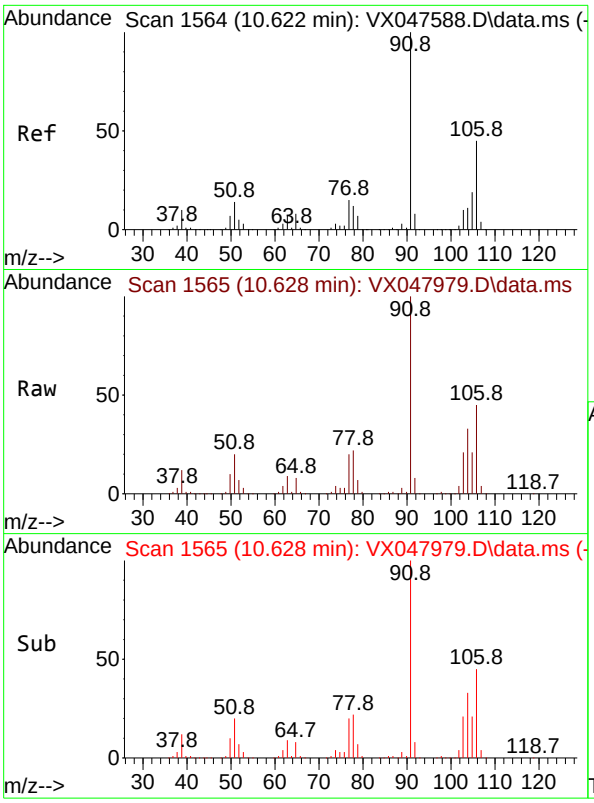


#68
m/p-Xylenes
Concen: 97.626 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:106 Resp: 304598

Ion	Ratio	Lower	Upper
106	100		
91	209.2	167.8	251.8



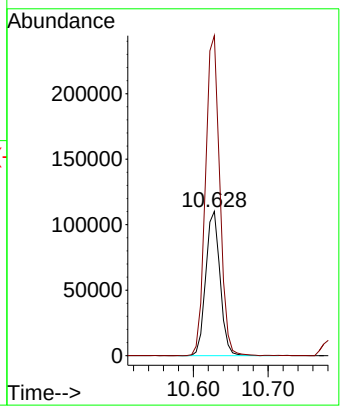


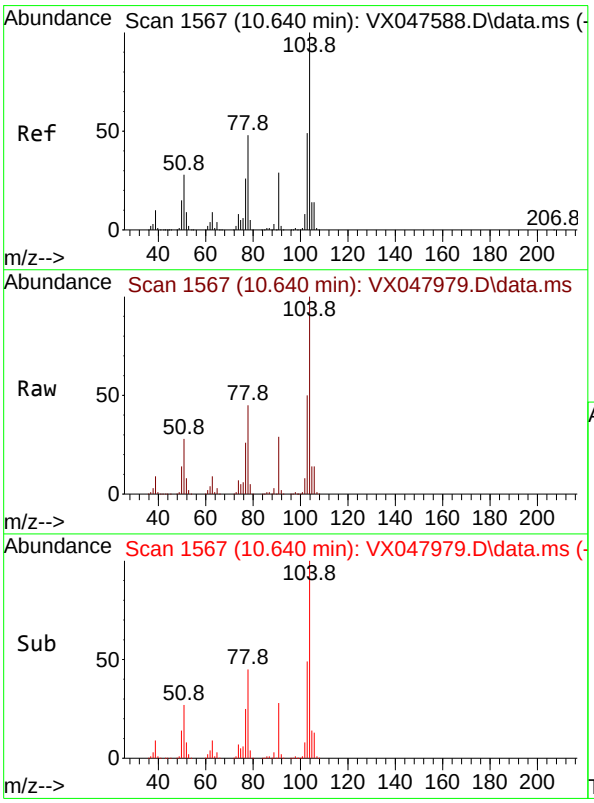
#69
o-Xylene
Concen: 48.514 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 146407

Ion	Ratio	Lower	Upper
106	100		
91	221.5	111.1	333.4

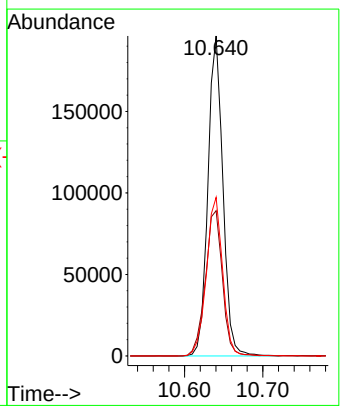


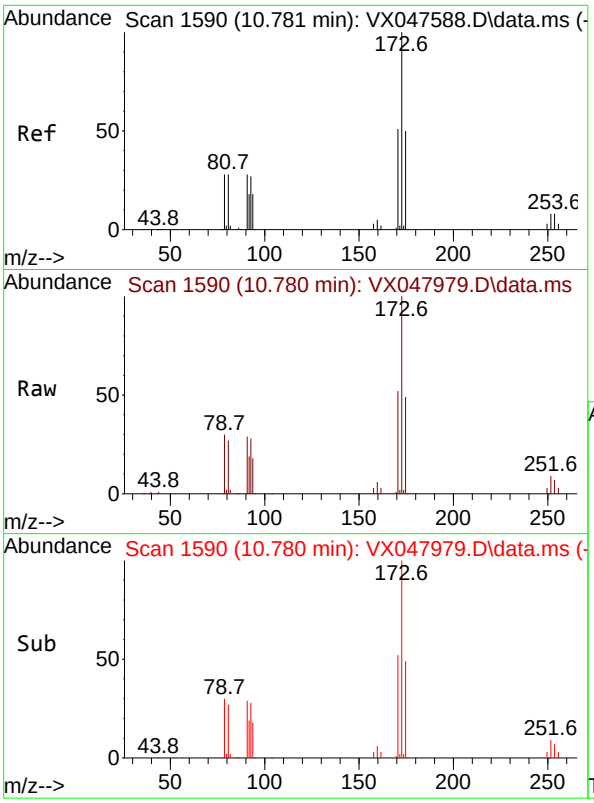


#70
Styrene
Concen: 49.149 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:104 Resp: 259892

Ion	Ratio	Lower	Upper
104	100		
78	51.9	43.1	64.7
103	53.9	43.1	64.7



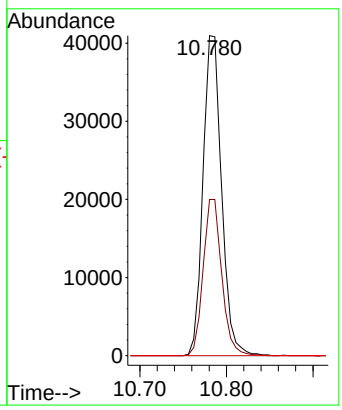


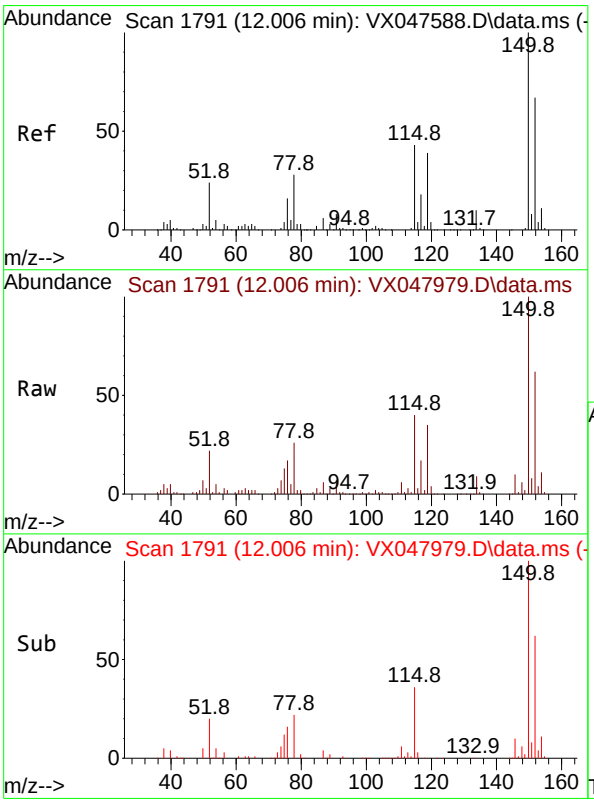
#71
Bromoform
Concen: 48.745 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 61019

Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.9	74.6
254	0.0	0.1	0.1#

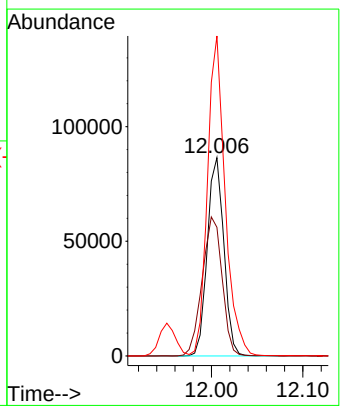


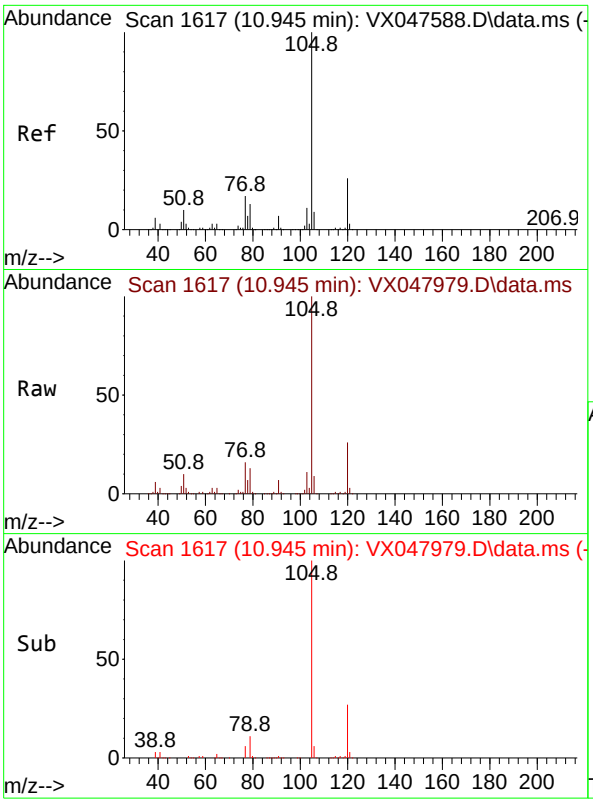


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:152 Resp: 108599

Ion	Ratio	Lower	Upper
152	100		
115	84.6	44.9	134.5
150	171.3	0.0	352.0



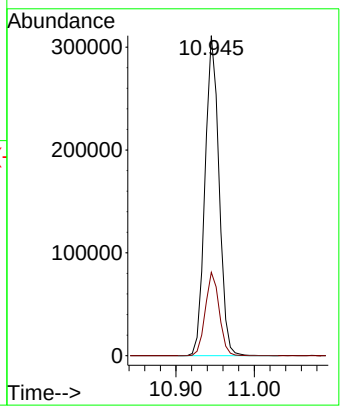


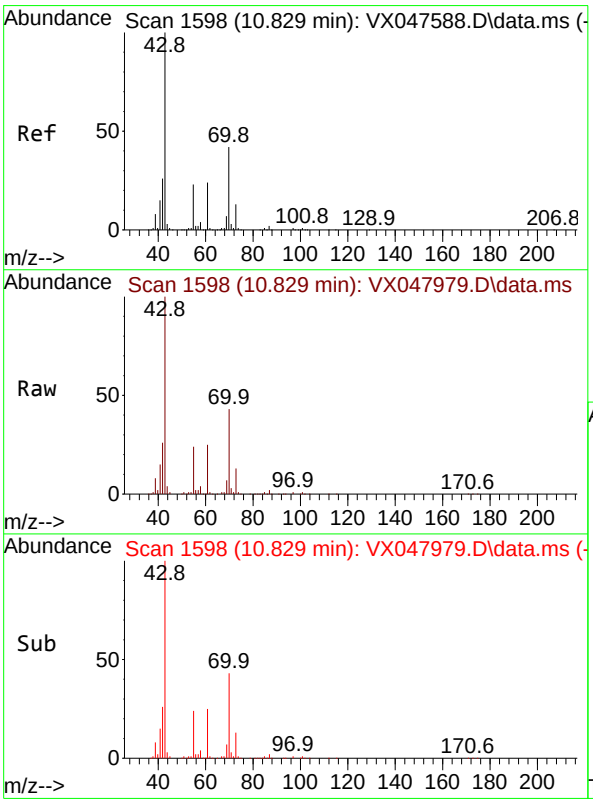
#73
Isopropylbenzene
Concen: 46.666 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 385293

Ion	Ratio	Lower	Upper
105	100		
120	25.8	12.8	38.4

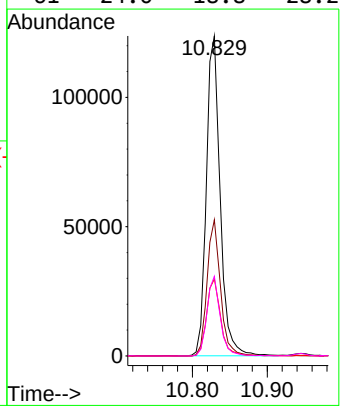


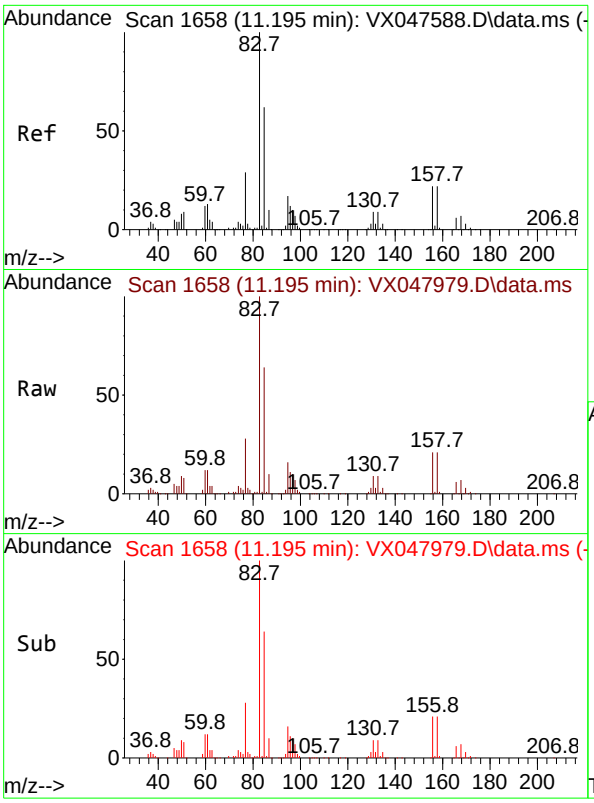


#74
N-amyl acetate
Concen: 42.086 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 43 Resp: 158457

Ion	Ratio	Lower	Upper
43	100		
70	41.6	32.0	48.0
55	24.5	18.9	28.3
61	24.0	18.8	28.2



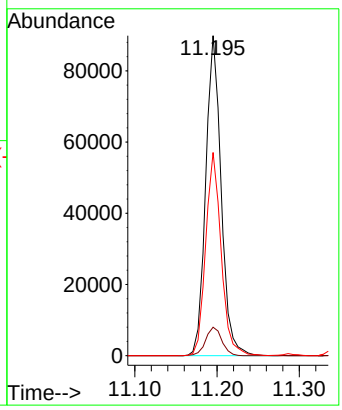


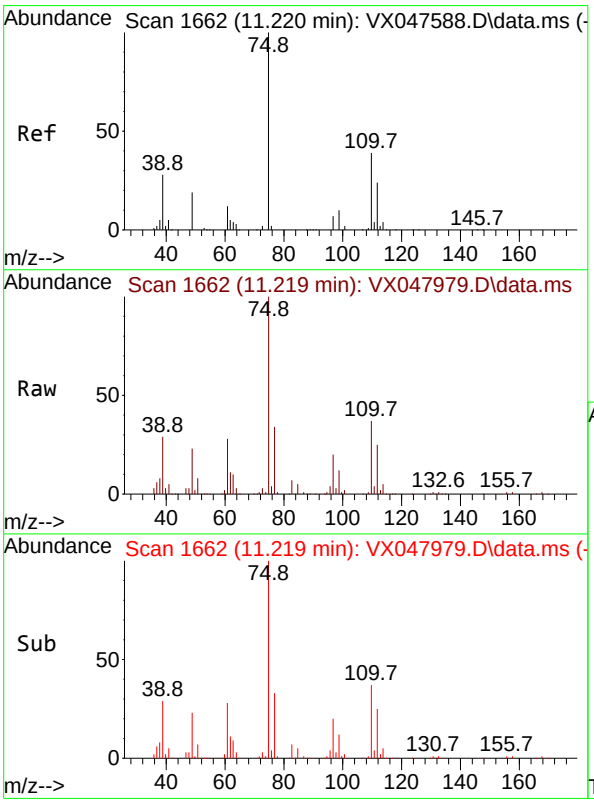
#75
1,1,2,2-Tetrachloroethane
Concen: 46.883 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 117113

Ion	Ratio	Lower	Upper
83	100		
131	9.4	5.0	14.9
85	63.7	31.6	95.0

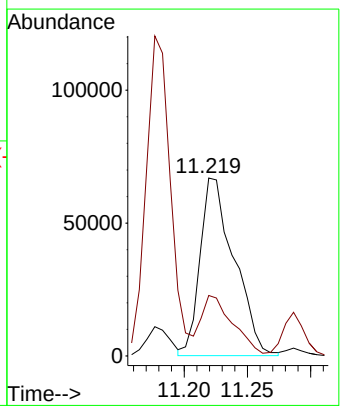


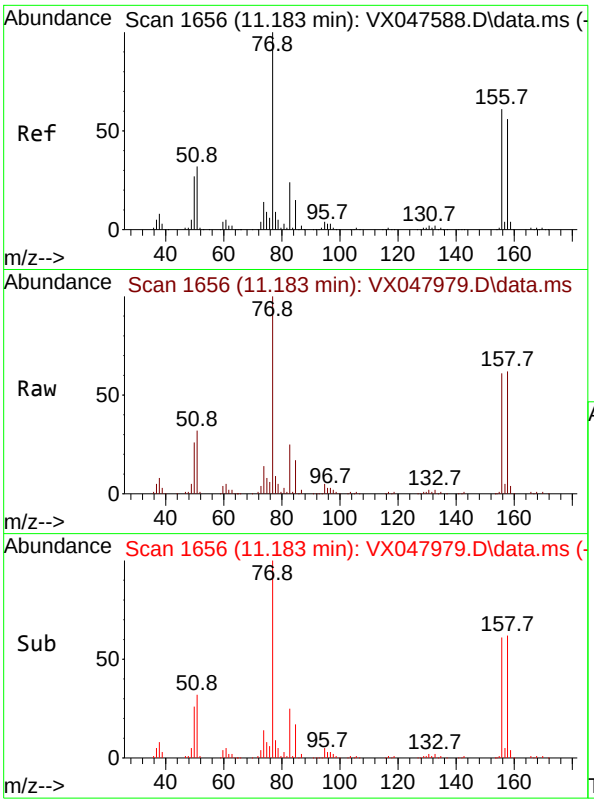


#76
1,2,3-Trichloropropane
Concen: 57.135 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 75 Resp: 125629

Ion	Ratio	Lower	Upper
75	100		
77	31.1	18.8	56.4



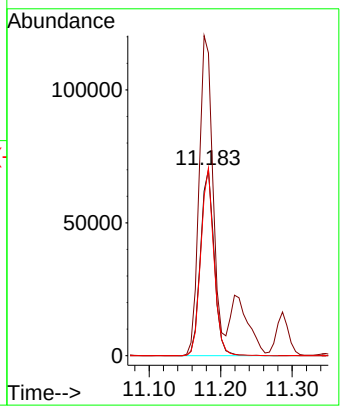


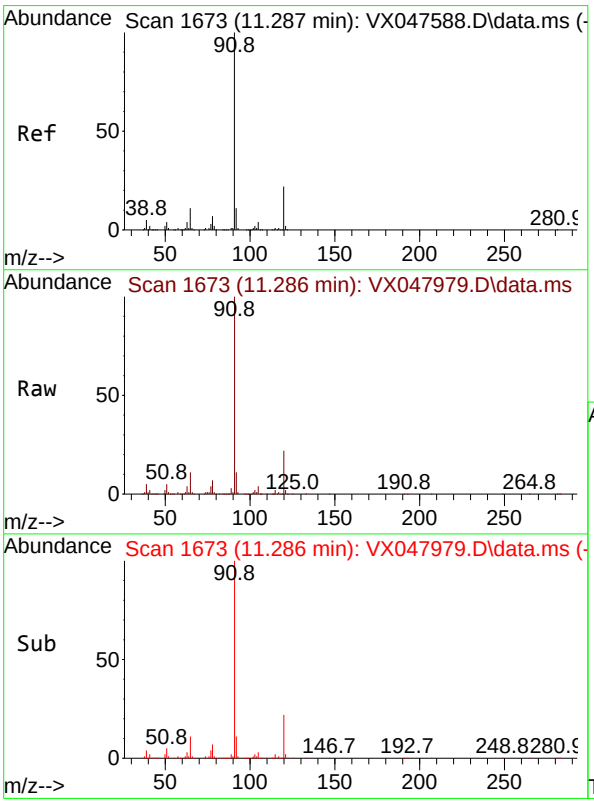
#77
Bromobenzene
Concen: 45.476 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 92476

Ion	Ratio	Lower	Upper
156	100		
77	175.8	89.7	269.1
158	98.1	47.9	143.6

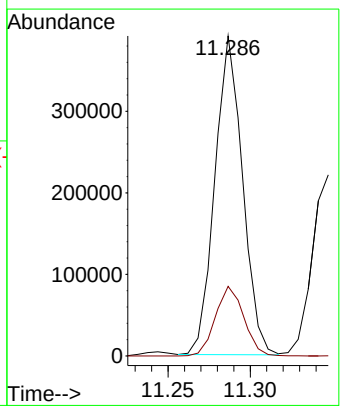


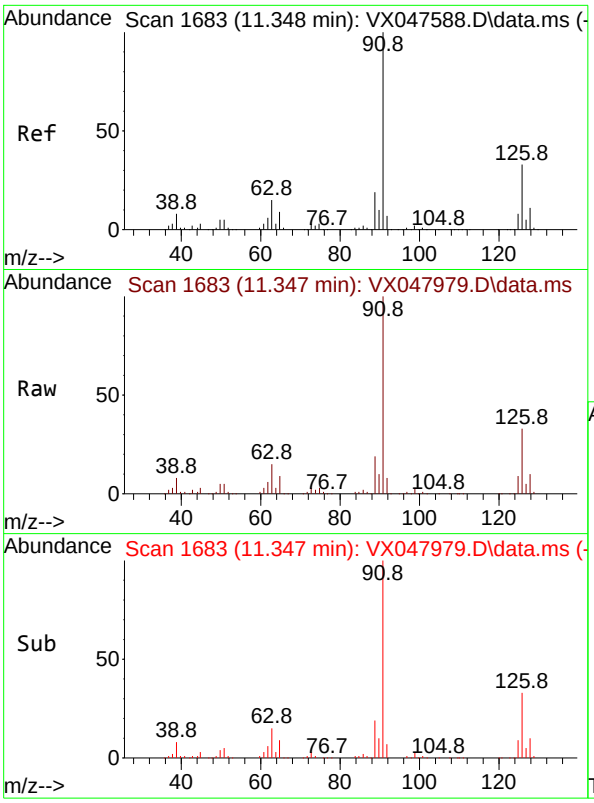


#78
n-propylbenzene
Concen: 46.893 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 91 Resp: 457681

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.1	33.1



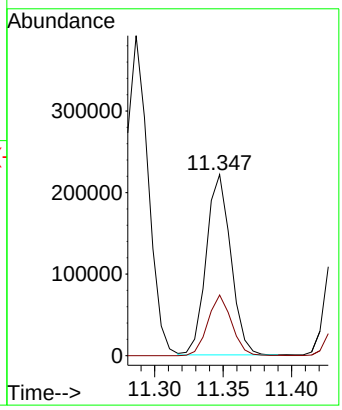


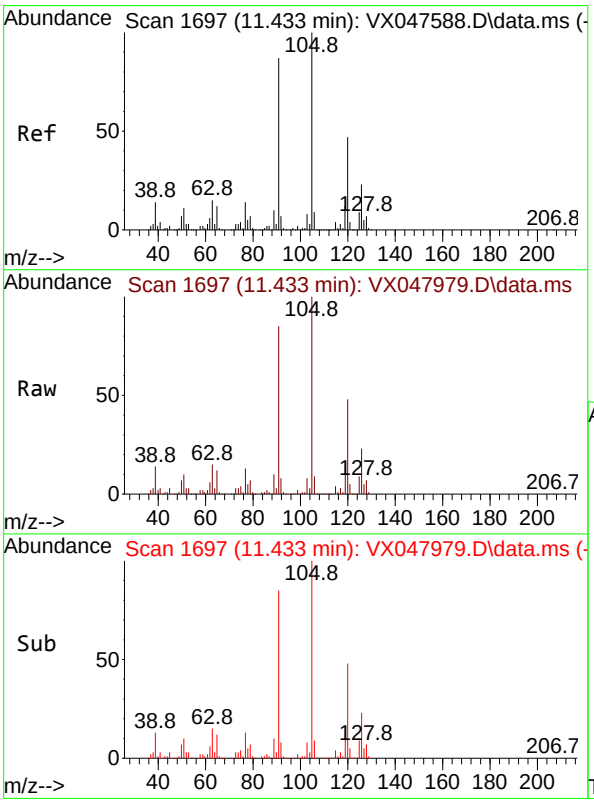
#79
2-Chlorotoluene
Concen: 46.117 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 275680

Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.1	48.3

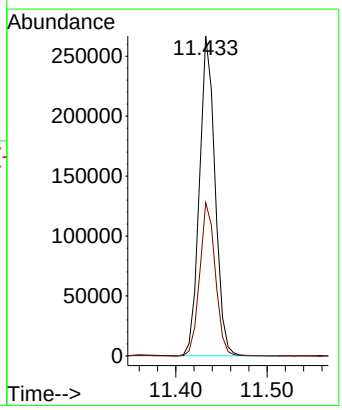


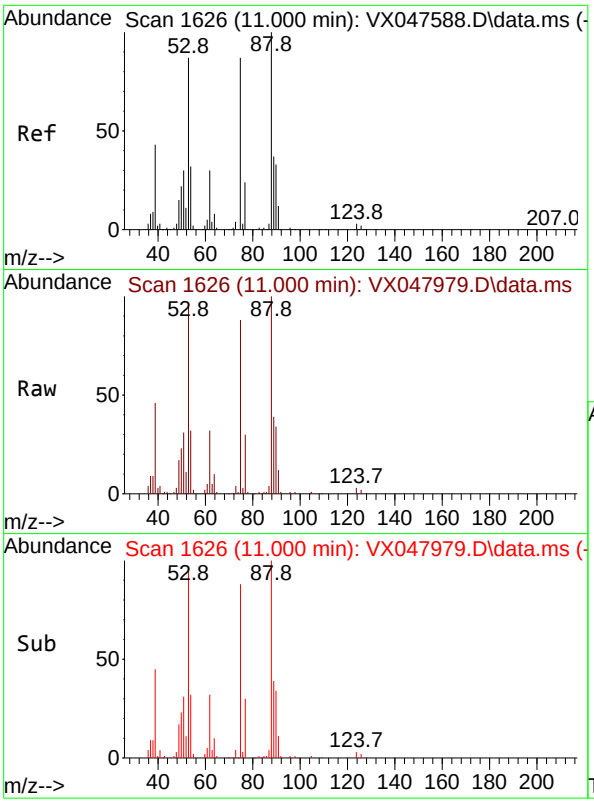


#80
1,3,5-Trimethylbenzene
Concen: 46.738 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:105 Resp: 317038

Ion	Ratio	Lower	Upper
105	100		
120	48.0	23.6	70.8



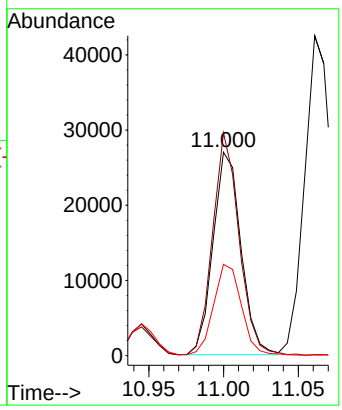


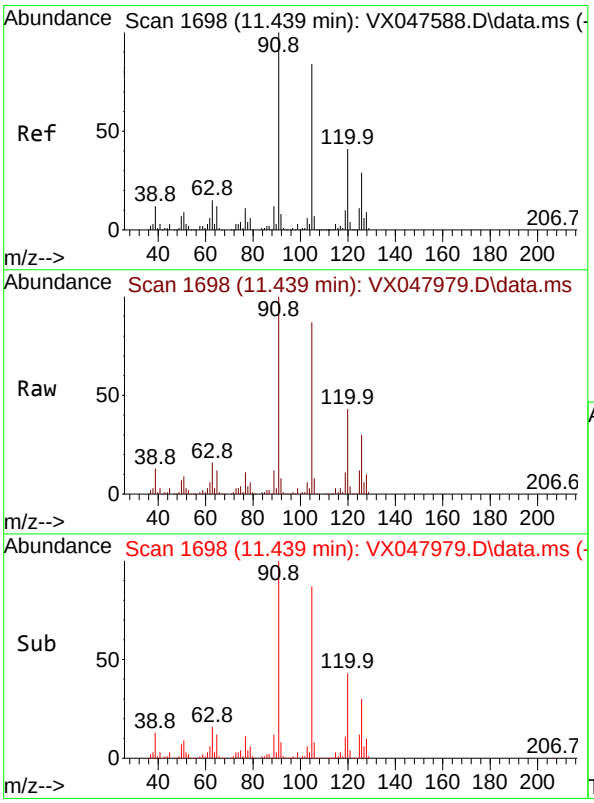
#81
trans-1,4-Dichloro-2-butene
Concen: 40.557 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 34969

Ion	Ratio	Lower	Upper
75	100		
53	105.4	83.4	125.2
89	44.9	36.3	54.5

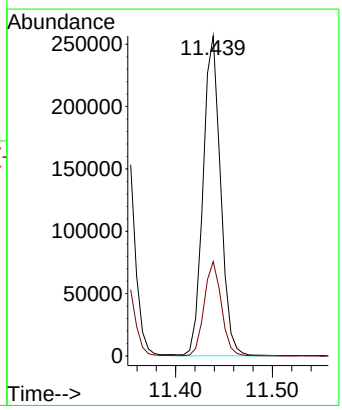


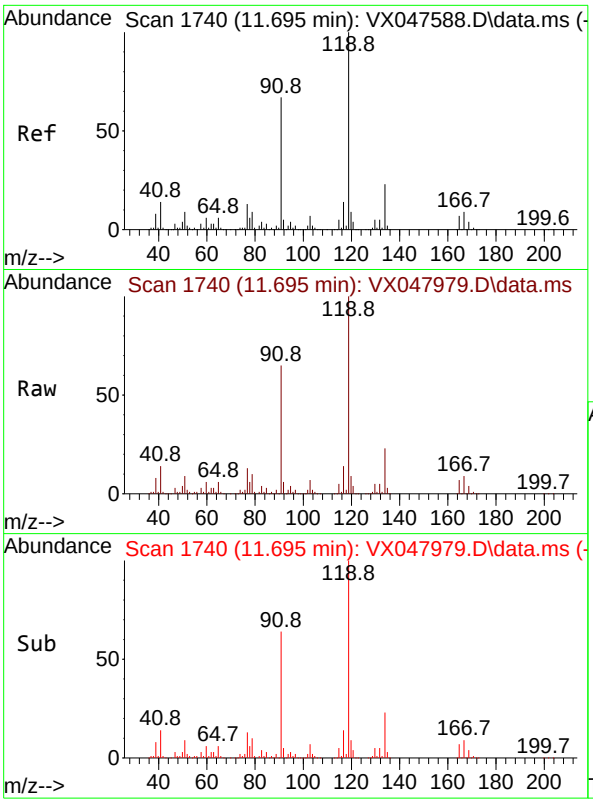


#82
4-Chlorotoluene
Concen: 45.793 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 91 Resp: 323303

Ion	Ratio	Lower	Upper
91	100		
126	29.2	14.2	42.6



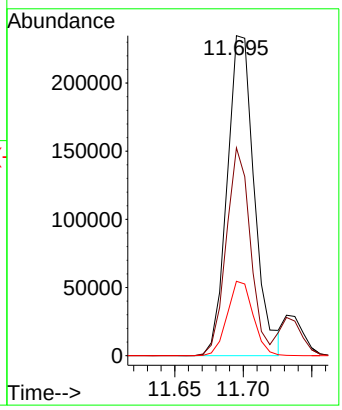


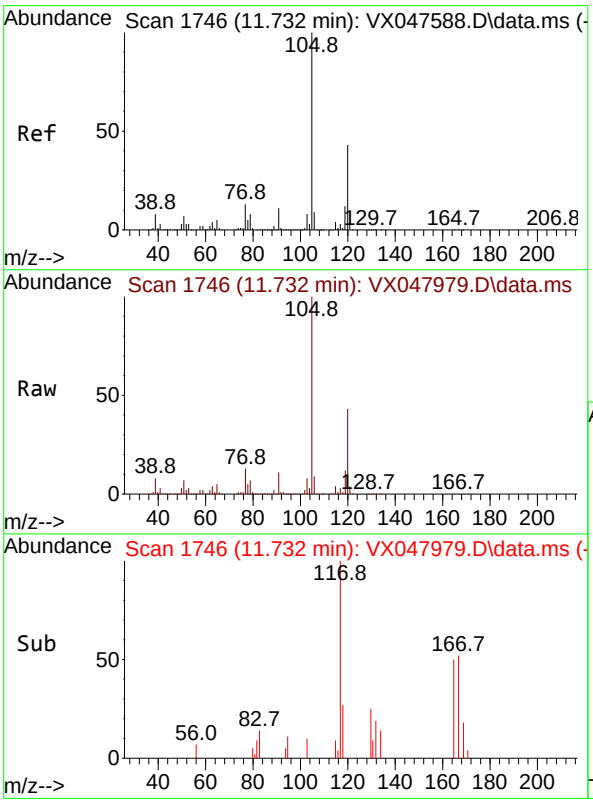
#83
tert-Butylbenzene
Concen: 46.594 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 323550

Ion	Ratio	Lower	Upper
119	100		
91	58.0	29.6	88.8
134	22.2	11.0	33.0

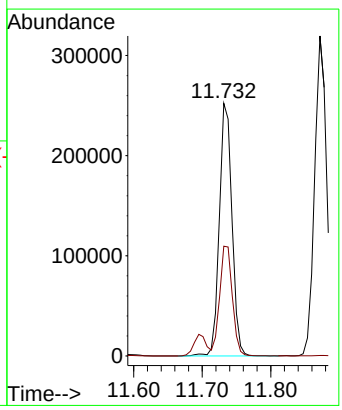


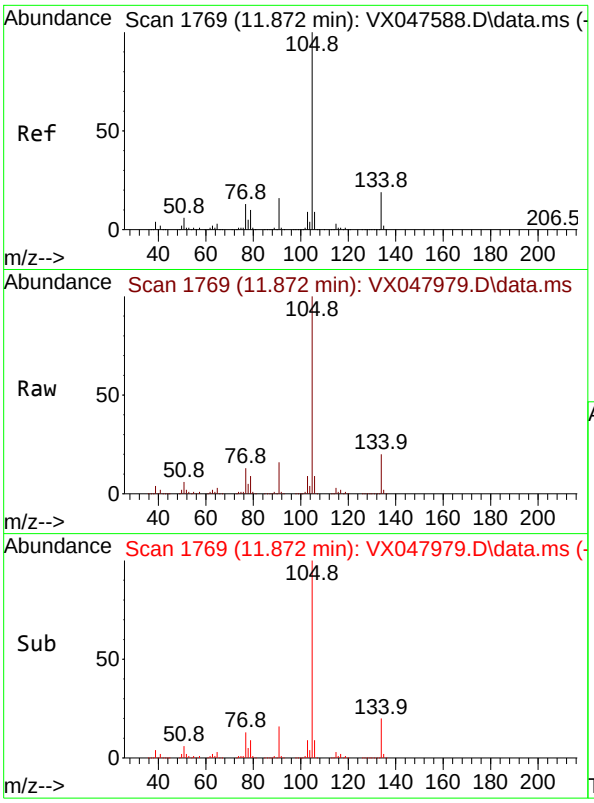


#84
1,2,4-Trimethylbenzene
Concen: 46.716 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:105 Resp: 321278

Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.1	66.1



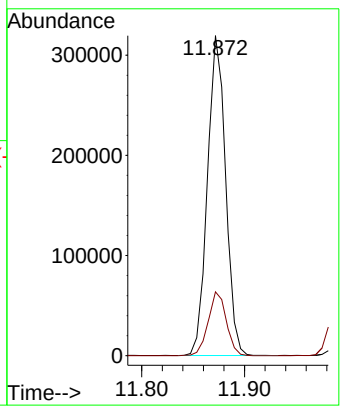


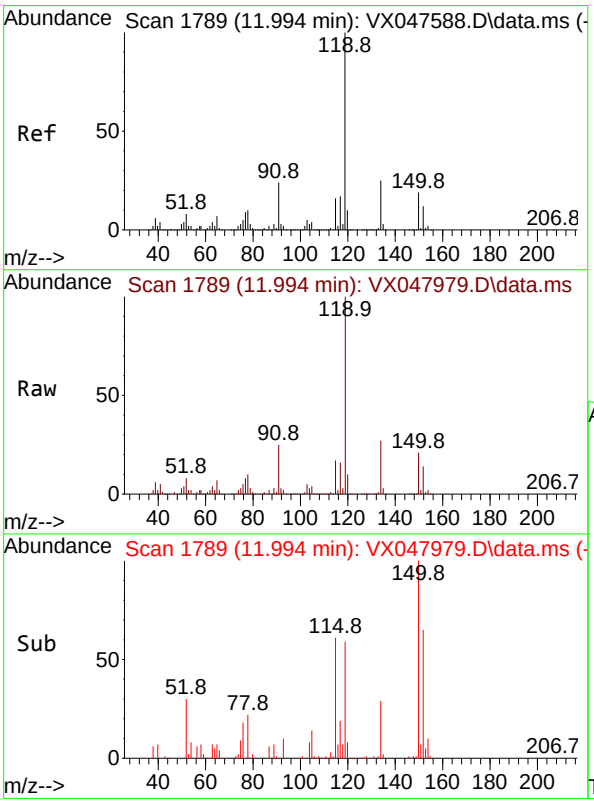
#85
sec-Butylbenzene
Concen: 47.516 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 391915

Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.8	29.5

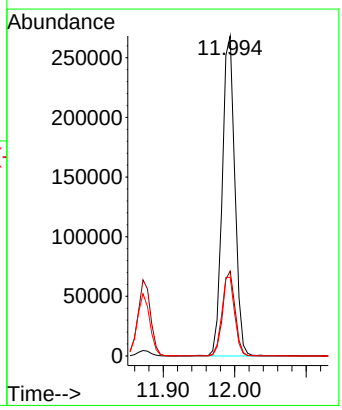


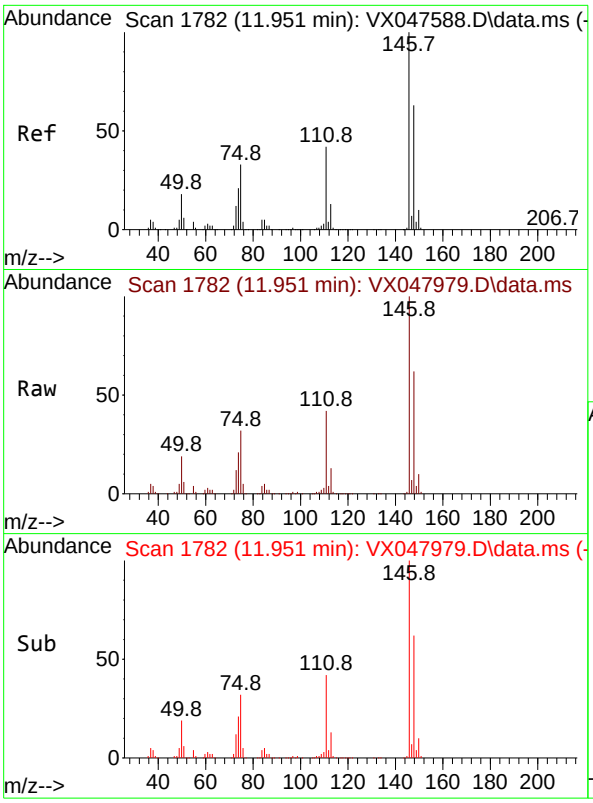


#86
p-Isopropyltoluene
Concen: 47.025 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:119 Resp: 328364

Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.6	37.8
91	25.2	12.6	37.6



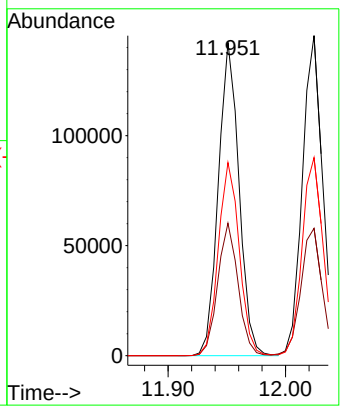


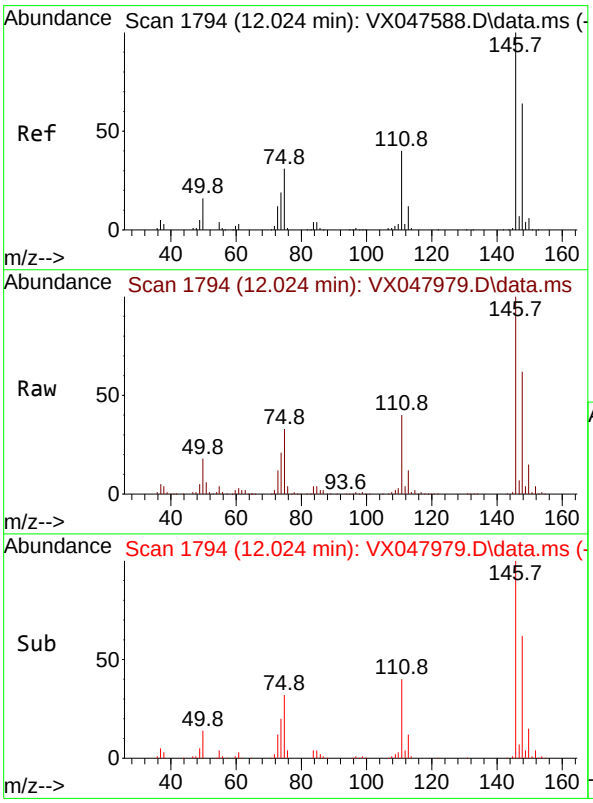
#87
1,3-Dichlorobenzene
Concen: 46.152 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 174319

Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.5	64.5
148	62.5	32.0	96.0

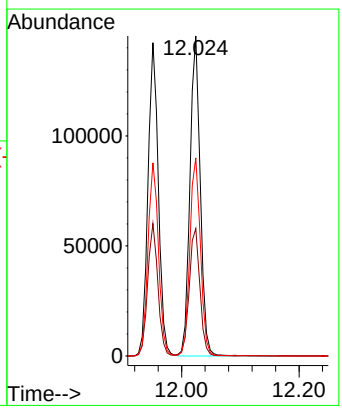


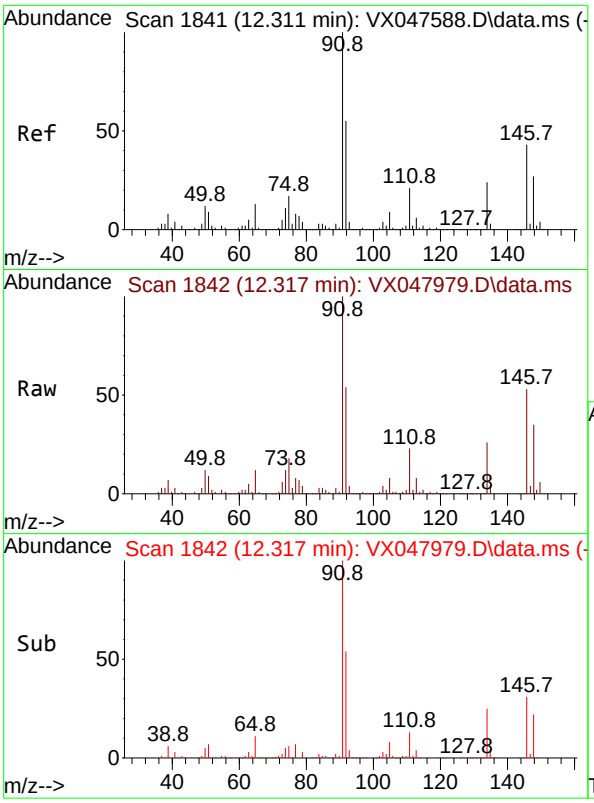


#88
1,4-Dichlorobenzene
Concen: 45.620 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:146 Resp: 176848

Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.8	62.4
148	63.7	31.7	95.1



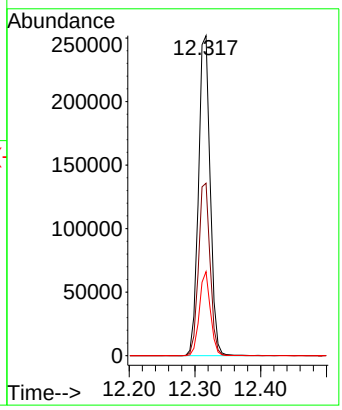


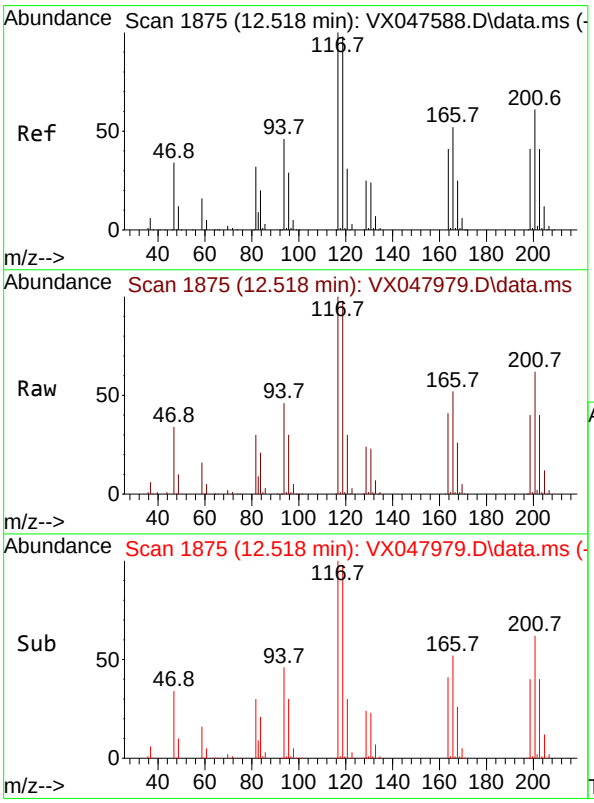
#89
n-Butylbenzene
Concen: 48.088 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 310704

Ion	Ratio	Lower	Upper
91	100		
92	53.5	27.6	82.7
134	24.8	12.6	37.8

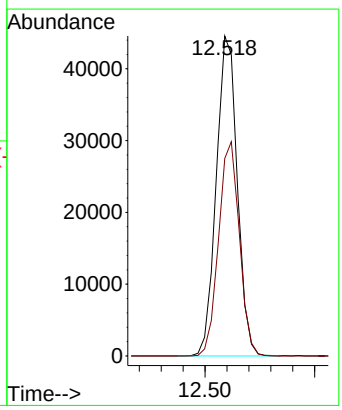


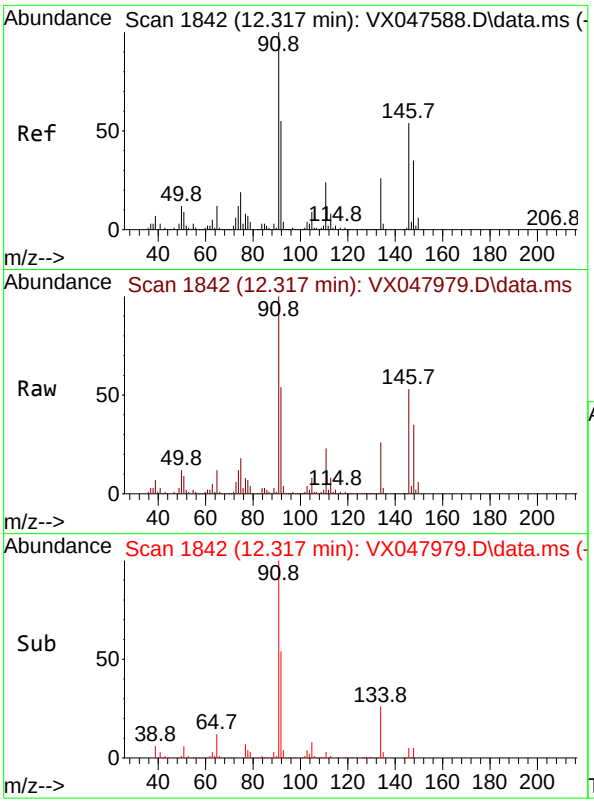


#90
Hexachloroethane
Concen: 48.353 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:117 Resp: 59279

Ion	Ratio	Lower	Upper
117	100		
201	66.4	34.2	102.5



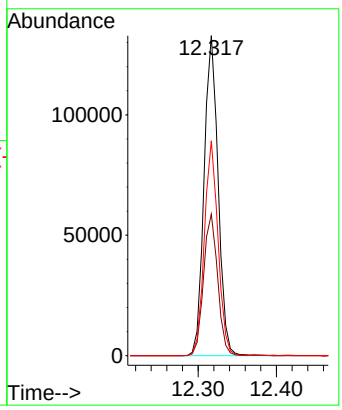


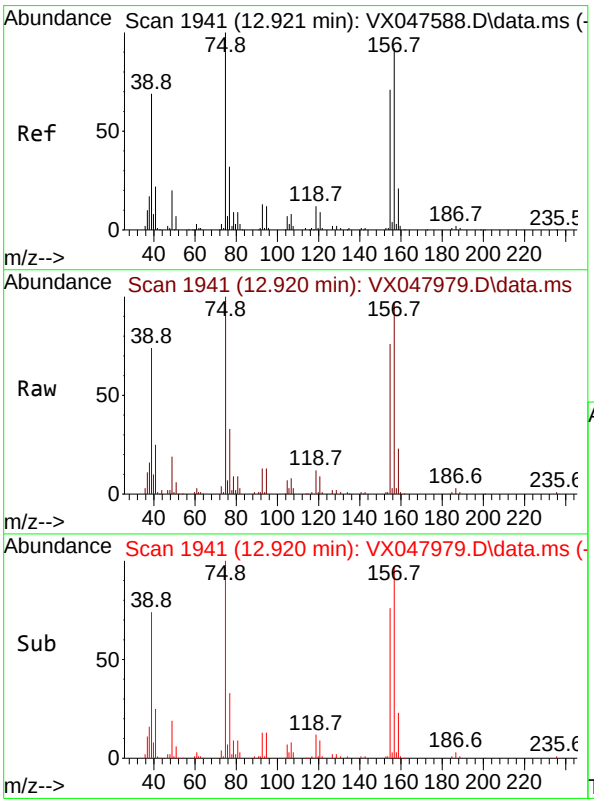
#91
1,2-Dichlorobenzene
Concen: 45.878 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 165086

Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.2	66.6
148	65.4	31.8	95.4

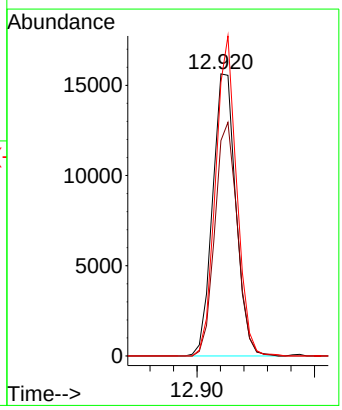


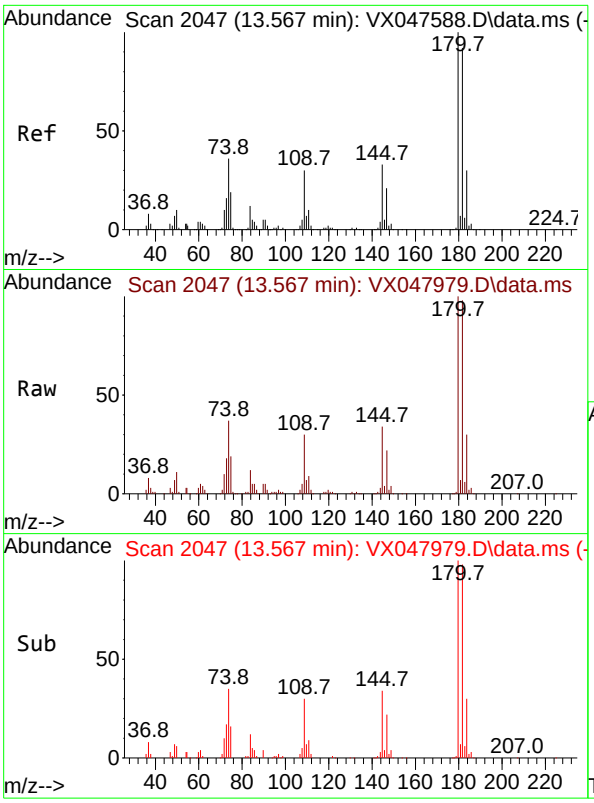


#92
1,2-Dibromo-3-Chloropropane
Concen: 42.569 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion: 75 Resp: 21529

Ion	Ratio	Lower	Upper
75	100		
155	79.9	37.7	113.1
157	102.8	49.8	149.4



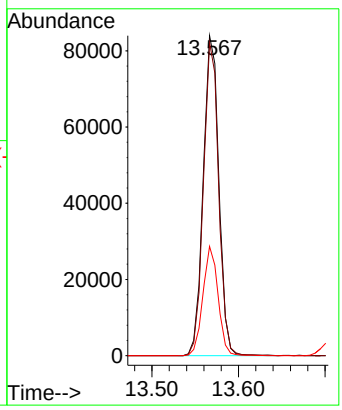


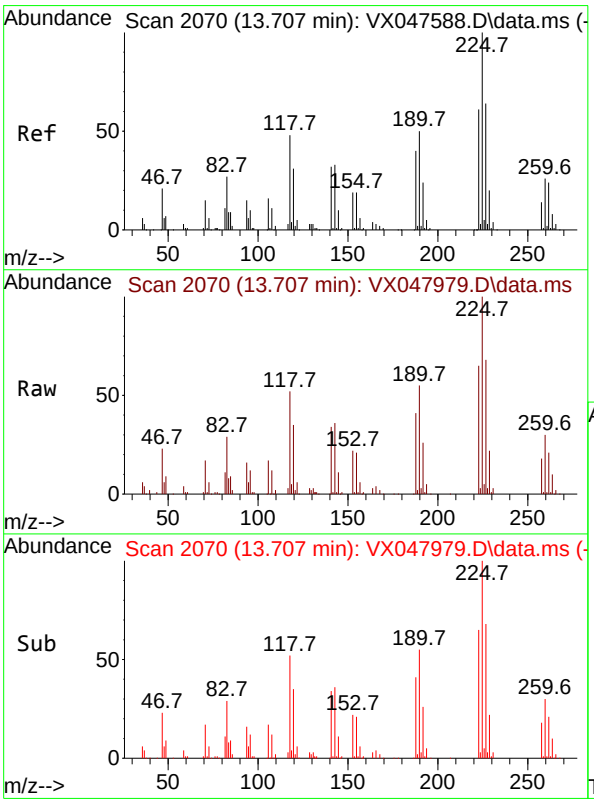
#93
1,2,4-Trichlorobenzene
Concen: 44.982 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 105197

Ion	Ratio	Lower	Upper
180	100		
182	95.6	46.6	139.8
145	33.3	16.4	49.1

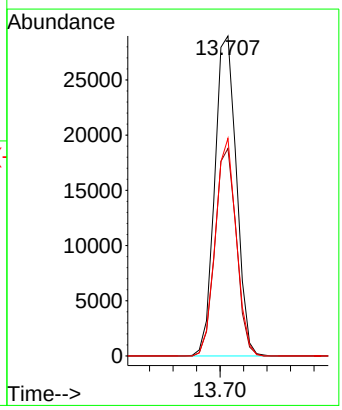


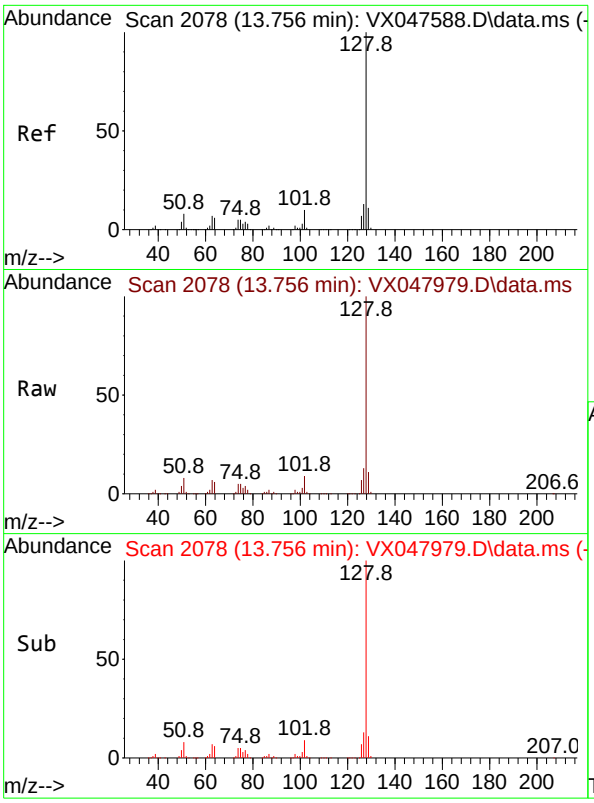


#94
Hexachlorobutadiene
Concen: 46.864 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:225 Resp: 37227

Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.7	95.1
227	65.3	32.0	96.0



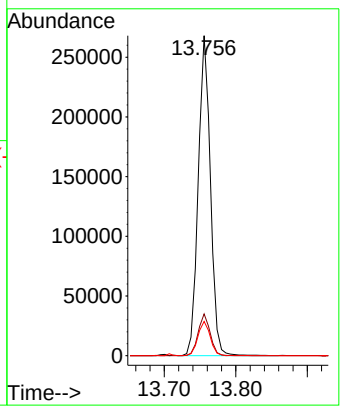


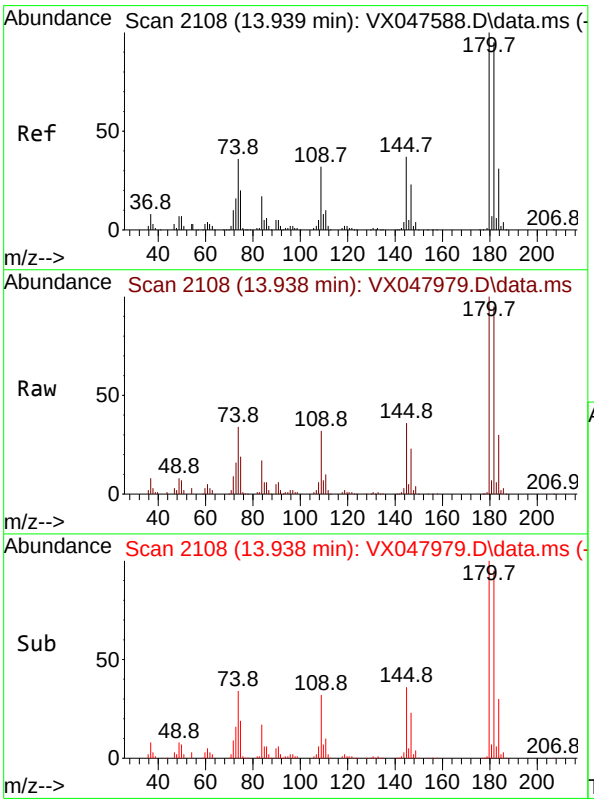
#95
Naphthalene
Concen: 44.430 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 316402

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.8	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 46.085 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047979.D
Acq: 02 Oct 2025 18:58

Tgt Ion:180 Resp: 100255

Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.6	142.8
145	34.8	17.9	53.7

