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

DATA PACKAGE

VOLATILE ORGANICS

PROJECT NAME : CTO WE13

TETRA TECH NUS, INC.

661 Andersen Drive

Suite 200

Pittsburgh, PA - 15220-2745

Phone No: 412-921-7090

ORDER ID : P5374

ATTENTION : Ernie Wu

Laboratory Certification ID # 20012

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Cover Page

Order ID : P5374

Project ID : CTO WE13

Client : Tetra Tech NUS, Inc.

Lab Sample Number	Client Sample Number
P5374-01	BP-VPB-190A-TB-20241218
P5374-02	BP-VPB-190A-EB-20241218
P5374-03	BP-VPB-190A-GW-718-720
P5374-04	BP-VPB-190A-GW-748-750
P5374-05	BP-VPB-190A-GW-748-750MS
P5374-06	BP-VPB-190A-GW-748-750MSD

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: 1/7/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Tetra Tech NUS, Inc.
Project Name: CTO WE13
Project Manager: Ernie Wu
Chemtech Project # P5374
Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:
6 Water samples were received on 12/20/2024.

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

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

D. QA/ QC Samples:
The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for BP-VPB-190A-GW-748-750 [Toluene-d8 - 120%], BP-VPB-190A-GW-748-750MS [1,2-Dichloroethane-d4 - 79%], BP-VPB-190A-GW-748-750MSD [1 and2-Dichloroethane-d4 - 80%] Surrogate failure for MS-MSD confirms with original sample.

The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.

The MS {P5374-05MS} with File ID: VX044482.D recoveries met the requirements for all compounds except for Trichloroethene[140%] due to matrix interference.

The MSD {P5374-06MSD} with File ID: VX044483.D recoveries met the acceptable requirements except for Trichloroethene[160%]due to matrix interference.

The sample # BP-VPB-190A-GW-748-750MS and BP-VPB-190A-GW-748-750MSD is failing for Trichloroethene and the original sample(BP-VPB-190A-GW-748-750) is reported with M flag for this compound.

The RPD met criteria .
The Blank Spike met requirements for all samples .

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The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 20% in the Initial Calibration method (82x121124w.M) for t-1,3-Dichloropropene, Dibromochloromethane, Bromoform These compounds are passing on Quadratic Regression.

The Continuous Calibration File ID VX044466.D met the requirements except for Methylcyclohexane and Tetrachloroethene failing high but no positive hit in associated samples therefore no corrective action taken.

The Tuning criteria met requirements.

E. Additional Comments:
The Sample #BP-VPB-190A-TB-20241218 , BP-VPB-190A-EB-20241218 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.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

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_____

284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

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

CHEMTECH PROJECT NUMBER: P5374 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 %RSD is greater than 20% in the Initial Calibration method (82x121124w.M) for t-1,3-Dichloropropene, Dibromochloromethane, Bromoform These compounds are passing on Quadratic Regression. The Continuous Calibration File ID VX044466.D met the requirements except for Methylcyclohexane and Tetrachloroethene failing high but no positive hit in associated samples therefore no corrective action taken.		✓	
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
7.	Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges. The Surrogate recoveries met the acceptable criteria except for BP-VPB-190A-GW-748-750 [Toluene-d8 - 120%], BP-VPB-190A-GW-748-750MS [1,2-Dichloroethane-d4 - 79%], BP-VPB-190A-GW-748-750MSD [1 and2-Dichloroethane-d4 - 80%] Surrogate failure for MS-MSD confirms with original sample.		✓	

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

		NA	NO	YES
8.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria		✓	
	If not met, list those compounds and their recoveries which fall outside the acceptable range. The MS {P5374-05MS} with File ID: VX044482.D recoveries met the requirements for all compounds except for Trichloroethene[140%] due to matrix interference. The MSD {P5374-06MSD} with File ID: VX044483.D recoveries met the acceptable requirements except for Trichloroethene[160%]due to matrix interference. The sample # BP-VPB-190A-GW-748-750MS and BP-VPB-190A-GW-748-750MSD is failing for Trichloroethene and the original sample(BP-VPB-190A-GW-748-750) is reported with M flag for this compound.			
9.	Internal Standard Area/Retention Time Shift Meet Criteria			✓
	Comments:			
10.	Analysis Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			

ADDITIONAL COMMENTS:

The Sample #BP-VPB-190A-TB-20241218 , BP-VPB-190A-EB-20241218 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.

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

QA REVIEW _____ Date _____

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: P5374

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

QA Review Signature: MOHAMMAD AHMED **Date:** 01/07/2025

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LAB CHRONICLE

OrderID:	P5374	**OrderDate:**	12/20/2024 3:07:00 PM
Client:	Tetra Tech NUS, Inc.	**Project:**	CTO WE13
Contact:	Ernie Wu	**Location:**	N31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5374-01	**BP-VPB-190A-TB-20241218**	**Water**			**12/18/24**			**12/20/24**
			VOCMS Group1	8260-Low			12/23/24	
P5374-02	**BP-VPB-190A-EB-20241218**	**Water**			**12/18/24**			**12/20/24**
			VOCMS Group1	8260-Low			12/23/24	
P5374-03	**BP-VPB-190A-GW-718-720**	**Water**			**12/18/24**			**12/20/24**
			VOCMS Group1	8260-Low			12/23/24	
P5374-04	**BP-VPB-190A-GW-748-750**	**Water**			**12/19/24**			**12/20/24**
			VOCMS Group1	8260-Low			12/23/24	

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Hit Summary Sheet
SW-846

SDG No.: P5374

Client: Tetra Tech NUS, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:	**BP-VPB-190A-GW-718-720**								
P5374-03	BP-VPB-190A-GW	Water	1,1,2-Trichlorotrifluoroethane	6.90		0.25	0.50	1.00	ug/L
P5374-03	BP-VPB-190A-GW	Water	1,1-Dichloroethene	1.90		0.26	0.75	1.00	ug/L
P5374-03	BP-VPB-190A-GW	Water	Acetone	3.70	J	1.40	3.80	5.00	ug/L
P5374-03	BP-VPB-190A-GW	Water	cis-1,2-Dichloroethene	0.73	J	0.25	0.75	1.00	ug/L
P5374-03	BP-VPB-190A-GW	Water	Trichloroethene	63.0		0.32	0.75	1.00	ug/L
			Total Voc :	76.2					
			Total Concentration:	76.2					
Client ID:	**BP-VPB-190A-GW-748-750**								
P5374-04	BP-VPB-190A-GW	Water	1,1,2-Trichlorotrifluoroethane	12.3		0.25	0.50	1.00	ug/L
P5374-04	BP-VPB-190A-GW	Water	1,1-Dichloroethene	5.20		0.26	0.75	1.00	ug/L
P5374-04	BP-VPB-190A-GW	Water	Acetone	1.40	J	1.40	3.80	5.00	ug/L
P5374-04	BP-VPB-190A-GW	Water	1,1-Dichloroethane	0.62	J	0.23	0.50	1.00	ug/L
P5374-04	BP-VPB-190A-GW	Water	Carbon Tetrachloride	0.72	J	0.25	0.50	1.00	ug/L
P5374-04	BP-VPB-190A-GW	Water	cis-1,2-Dichloroethene	1.20		0.25	0.75	1.00	ug/L
P5374-04	BP-VPB-190A-GW	Water	Chloroform	0.45	J	0.26	0.50	1.00	ug/L
P5374-04	BP-VPB-190A-GW	Water	Trichloroethene	130	M	0.32	0.75	1.00	ug/L
P5374-04	BP-VPB-190A-GW	Water	1,1,2-Trichloroethane	0.37	J	0.21	0.50	1.00	ug/L
			Total Voc :	152					
			Total Concentration:	152					

QC SUMMARY

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

SDG No.: P5374

Client: Tetra Tech NUS, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery	Qual	Limits Low	Limits High
P5374-01	BP-VPB-190A-TB-20241218	1,2-Dichloroethane-d4	50	40.5	81		81	118
		Dibromofluoromethane	50	46.4	93		80	119
		Toluene-d8	50	50.0	100		89	112
		4-Bromofluorobenzene	50	45.7	91		85	114
P5374-02	BP-VPB-190A-EB-20241218	1,2-Dichloroethane-d4	50	41.5	83		81	118
		Dibromofluoromethane	50	46.1	92		80	119
		Toluene-d8	50	51.7	103		89	112
		4-Bromofluorobenzene	50	48.4	97		85	114
P5374-03	BP-VPB-190A-GW-718-720	1,2-Dichloroethane-d4	50	41.9	84		81	118
		Dibromofluoromethane	50	46.5	93		80	119
		Toluene-d8	50	51.5	103		89	112
		4-Bromofluorobenzene	50	49.7	99		85	114
P5374-04	BP-VPB-190A-GW-748-750	1,2-Dichloroethane-d4	50	50.5	101		81	118
		Dibromofluoromethane	50	55.3	111		80	119
		Toluene-d8	50	60.1	120	*	89	112
		4-Bromofluorobenzene	50	56.7	113		85	114
P5374-05MS	BP-VPB-190A-GW-748-750MS	1,2-Dichloroethane-d4	50	39.3	79	*	81	118
		Dibromofluoromethane	50	48.6	97		80	119
		Toluene-d8	50	49.4	99		89	112
		4-Bromofluorobenzene	50	48.3	97		85	114
P5374-06MSD	BP-VPB-190A-GW-748-750MSD	1,2-Dichloroethane-d4	50	40.1	80	*	81	118
		Dibromofluoromethane	50	49.2	98		80	119
		Toluene-d8	50	49.4	99		89	112
		4-Bromofluorobenzene	50	48.7	97		85	114
VX1223WBL01	VX1223WBL01	1,2-Dichloroethane-d4	50	41.8	84		81	118
		Dibromofluoromethane	50	46.7	93		80	119
		Toluene-d8	50	51.2	102		89	112
		4-Bromofluorobenzene	50	45.8	92		85	114
VX1223WBS03	VX1223WBS03	1,2-Dichloroethane-d4	50	43.7	87		81	118
		Dibromofluoromethane	50	52.0	104		80	119
		Toluene-d8	50	52.4	105		89	112
		4-Bromofluorobenzene	50	52.0	104		85	114

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P5374

Client: Tetra Tech NUS, Inc.

Analytical Method: SW8260-Low

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : P5374-05MS		**Client Sample ID : BP-VPB-190A-GW-748-750MS**						**Datafile :** VX044482.D			
Chloromethane	50	0	48.1	ug/L	96				50	139	
Vinyl chloride	50	0	45.7	ug/L	91				58	137	
Bromomethane	50	0	43.1	ug/L	86				53	141	
Chloroethane	50	0	48.2	ug/L	96				60	138	
Trichlorofluoromethane	50	0	36.7	ug/L	73				65	141	
1,1,2-Trichlorotrifluoroethane	50	12.3	59.8	ug/L	95				70	136	
1,1-Dichloroethene	50	5.20	54.5	ug/L	99				71	131	
Acetone	250	1.40	170	ug/L	67				39	160	
Carbon disulfide	50	0	47.5	ug/L	95				64	133	
Methyl tert-butyl Ether	50	0	42.2	ug/L	84				71	124	
Methylene Chloride	50	0	46.8	ug/L	94				74	124	
trans-1,2-Dichloroethene	50	0	47.1	ug/L	94				75	124	
1,1-Dichloroethane	50	0.62	46.2	ug/L	91				77	125	
2-Butanone	250	0	190	ug/L	76				56	143	
Carbon Tetrachloride	50	0.72	51.0	ug/L	101				72	136	
cis-1,2-Dichloroethene	50	1.20	47.1	ug/L	92				78	123	
Chloroform	50	0.45	44.1	ug/L	87				79	124	
1,1,1-Trichloroethane	50	0	46.3	ug/L	93				74	131	
Methylcyclohexane	50	0	53.1	ug/L	106				72	132	
Benzene	50	0	52.0	ug/L	104				79	120	
1,2-Dichloroethane	50	0	48.6	ug/L	97				73	128	
Trichloroethene	50	130	200	ug/L	140	*			79	123	
1,2-Dichloropropane	50	0	50.0	ug/L	100				78	122	
Bromodichloromethane	50	0	52.3	ug/L	105				79	125	
4-Methyl-2-Pentanone	250	0	210	ug/L	84				67	130	
Toluene	50	0	51.9	ug/L	104				80	121	
t-1,3-Dichloropropene	50	0	47.3	ug/L	95				73	127	
cis-1,3-Dichloropropene	50	0	51.7	ug/L	103				75	124	
1,1,2-Trichloroethane	50	0.37	51.8	ug/L	103				80	119	
2-Hexanone	250	0	210	ug/L	84				57	139	
Dibromochloromethane	50	0	49.5	ug/L	99				74	126	
Tetrachloroethene	50	0	53.3	ug/L	107				74	129	
Chlorobenzene	50	0	51.2	ug/L	102				82	118	
Ethyl Benzene	50	0	51.9	ug/L	104				79	121	
m/p-Xylenes	100	0	110	ug/L	110				80	121	
o-Xylene	50	0	51.5	ug/L	103				78	122	
Styrene	50	0	53.2	ug/L	106				78	123	
Bromoform	50	0	49.4	ug/L	99				66	130	
Isopropylbenzene	50	0	51.4	ug/L	103				72	131	
1,1,2,2-Tetrachloroethane	50	0	46.4	ug/L	93				71	121	
1,3-Dichlorobenzene	50	0	52.6	ug/L	105				80	119	
1,4-Dichlorobenzene	50	0	51.6	ug/L	103				79	118	
1,2-Dichlorobenzene	50	0	51.8	ug/L	104				80	119	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P5374

Client: Tetra Tech NUS, Inc.

Analytical Method: SW8260-Low

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : P5374-06MSD		**Client Sample ID : BP-VPB-190A-GW-748-750MSD**						**Datafile :** VX044483.D			
Chloromethane	50	0	45.6	ug/L	91		5		50	139	20
Vinyl chloride	50	0	44.1	ug/L	88		4		58	137	20
Bromomethane	50	0	44.2	ug/L	88		3		53	141	20
Chloroethane	50	0	44.7	ug/L	89		8		60	138	20
Trichlorofluoromethane	50	0	36.7	ug/L	73		0		65	141	20
1,1,2-Trichlorotrifluoroethane	50	12.3	60.5	ug/L	96		1		70	136	20
1,1-Dichloroethene	50	5.20	54.9	ug/L	99		0		71	131	20
Acetone	250	1.40	170	ug/L	67		0		39	160	20
Carbon disulfide	50	0	50.5	ug/L	101		6		64	133	20
Methyl tert-butyl Ether	50	0	43.3	ug/L	87		3		71	124	20
Methylene Chloride	50	0	47.4	ug/L	95		1		74	124	20
trans-1,2-Dichloroethene	50	0	47.9	ug/L	96		2		75	124	20
1,1-Dichloroethane	50	0.62	46.9	ug/L	93		2		77	125	20
2-Butanone	250	0	190	ug/L	76		0		56	143	20
Carbon Tetrachloride	50	0.72	53.1	ug/L	105		4		72	136	20
cis-1,2-Dichloroethene	50	1.20	47.6	ug/L	93		1		78	123	20
Chloroform	50	0.45	45.1	ug/L	89		2		79	124	20
1,1,1-Trichloroethane	50	0	47.3	ug/L	95		2		74	131	20
Methylcyclohexane	50	0	51.7	ug/L	103		3		72	132	20
Benzene	50	0	51.5	ug/L	103		1		79	120	20
1,2-Dichloroethane	50	0	48.4	ug/L	97		0		73	128	20
Trichloroethene	50	130	210	ug/L	160	*	13		79	123	20
1,2-Dichloropropane	50	0	50.9	ug/L	102		2		78	122	20
Bromodichloromethane	50	0	53.4	ug/L	107		2		79	125	20
4-Methyl-2-Pentanone	250	0	210	ug/L	84		0		67	130	20
Toluene	50	0	51.6	ug/L	103		1		80	121	20
t-1,3-Dichloropropene	50	0	49.1	ug/L	98		4		73	127	20
cis-1,3-Dichloropropene	50	0	53.3	ug/L	107		3		75	124	20
1,1,2-Trichloroethane	50	0.37	52.1	ug/L	103		0		80	119	20
2-Hexanone	250	0	210	ug/L	84		0		57	139	20
Dibromochloromethane	50	0	50.6	ug/L	101		2		74	126	20
Tetrachloroethene	50	0	54.1	ug/L	108		1		74	129	20
Chlorobenzene	50	0	51.3	ug/L	103		0		82	118	20
Ethyl Benzene	50	0	51.0	ug/L	102		2		79	121	20
m/p-Xylenes	100	0	110	ug/L	110		0		80	121	20
o-Xylene	50	0	52.0	ug/L	104		1		78	122	20
Styrene	50	0	51.6	ug/L	103		3		78	123	20
Bromoform	50	0	52.3	ug/L	105		6		66	130	20
Isopropylbenzene	50	0	50.2	ug/L	100		2		72	131	20
1,1,2,2-Tetrachloroethane	50	0	46.1	ug/L	92		1		71	121	20
1,3-Dichlorobenzene	50	0	52.1	ug/L	104		1		80	119	20
1,4-Dichlorobenzene	50	0	50.2	ug/L	100		3		79	118	20
1,2-Dichlorobenzene	50	0	50.3	ug/L	101		3		80	119	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5374

Client: Tetra Tech NUS, Inc.

Analytical Method: SW8260-Low **Datafile :** VX044484.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1223WBS03	Chloromethane	20	17.1	ug/L	86			50	139	
	Vinyl chloride	20	17.2	ug/L	86			58	137	
	Bromomethane	20	16.6	ug/L	83			53	141	
	Chloroethane	20	17.1	ug/L	86			60	138	
	Trichlorofluoromethane	20	13.8	ug/L	69			65	141	
	1,1,2-Trichlorotrifluoroethane	20	17.5	ug/L	88			70	136	
	1,1-Dichloroethene	20	18.2	ug/L	91			71	131	
	Acetone	100	65.8	ug/L	66			39	160	
	Carbon disulfide	20	17.5	ug/L	88			64	133	
	Methyl tert-butyl Ether	20	16.3	ug/L	81			71	124	
	Methylene Chloride	20	18.0	ug/L	90			74	124	
	trans-1,2-Dichloroethene	20	17.1	ug/L	86			75	124	
	1,1-Dichloroethane	20	17.3	ug/L	86			77	125	
	2-Butanone	100	69.6	ug/L	70			56	143	
	Carbon Tetrachloride	20	18.4	ug/L	92			72	136	
	cis-1,2-Dichloroethene	20	17.8	ug/L	89			78	123	
	Chloroform	20	16.8	ug/L	84			79	124	
	1,1,1-Trichloroethane	20	17.5	ug/L	88			74	131	
	Methylcyclohexane	20	18.3	ug/L	92			72	132	
	Benzene	20	19.3	ug/L	97			79	120	
	1,2-Dichloroethane	20	18.6	ug/L	93			73	128	
	Trichloroethene	20	20.8	ug/L	104			79	123	
	1,2-Dichloropropane	20	18.7	ug/L	94			78	122	
	Bromodichloromethane	20	18.5	ug/L	93			79	125	
	4-Methyl-2-Pentanone	100	79.0	ug/L	79			67	130	
	Toluene	20	19.7	ug/L	99			80	121	
	t-1,3-Dichloropropene	20	18.3	ug/L	92			73	127	
	cis-1,3-Dichloropropene	20	19.5	ug/L	98			75	124	
	1,1,2-Trichloroethane	20	19.4	ug/L	97			80	119	
	2-Hexanone	100	78.2	ug/L	78			57	139	
	Dibromochloromethane	20	18.3	ug/L	92			74	126	
	Tetrachloroethene	20	21.5	ug/L	108			74	129	
	Chlorobenzene	20	19.9	ug/L	100			82	118	
	Ethyl Benzene	20	19.6	ug/L	98			79	121	
	m/p-Xylenes	40	40.6	ug/L	102			80	121	
	o-Xylene	20	19.5	ug/L	98			78	122	
	Styrene	20	19.6	ug/L	98			78	123	
	Bromoform	20	19.2	ug/L	96			66	130	
	Isopropylbenzene	20	19.1	ug/L	96			72	131	
	1,1,2,2-Tetrachloroethane	20	18.0	ug/L	90			71	121	
	1,3-Dichlorobenzene	20	20.2	ug/L	101			80	119	
	1,4-Dichlorobenzene	20	19.7	ug/L	99			79	118	
	1,2-Dichlorobenzene	20	19.5	ug/L	98			80	119	

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX1223WBL01

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: P5374 SAS No.: P5374 SDG NO.: P5374

Lab File ID: VX044468.D Lab Sample ID: VX1223WBL01

Date Analyzed: 12/23/2024 Time Analyzed: 09:46

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

Instrument ID: MSVOA_X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BP-VPB-190A-GW-718-720	P5374-03	VX044478.D	12/23/2024
BP-VPB-190A-TB-20241218	P5374-01	VX044479.D	12/23/2024
BP-VPB-190A-EB-20241218	P5374-02	VX044480.D	12/23/2024
BP-VPB-190A-GW-748-750	P5374-04	VX044481.D	12/23/2024
BP-VPB-190A-GW-748-750MS	P5374-05MS	VX044482.D	12/23/2024
BP-VPB-190A-GW-748-750MSD	P5374-06MSD	VX044483.D	12/23/2024
VX1223WBS03	VX1223WBS03	VX044484.D	12/23/2024

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: P5374 SAS No.: P5374 SDG NO.: P5374

Lab File ID: VX044218.D BFB Injection Date: 12/11/2024

Instrument ID: MSVOA_X BFB Injection Time: 10:13

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	21.7
75	30.0 - 60.0% of mass 95	56.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	71.1
175	5.0 - 9.0% of mass 174	5.2 (7.3) 1
176	95.0 - 101.0% of mass 174	68.7 (96.6) 1
177	5.0 - 9.0% of mass 176	4.6 (6.8) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX044219.D	12/11/2024	10:41
VSTDICC005	VSTDICC005	VX044220.D	12/11/2024	11:27
VSTDICC020	VSTDICC020	VX044221.D	12/11/2024	11:50
VSTDICCC050	VSTDICCC050	VX044222.D	12/11/2024	12:14
VSTDICC100	VSTDICC100	VX044223.D	12/11/2024	12:37
VSTDICC150	VSTDICC150	VX044224.D	12/11/2024	13:00

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: P5374 SAS No.: P5374 SDG NO.: P5374

Lab File ID: VX044465.D BFB Injection Date: 12/23/2024

Instrument ID: MSVOA_X BFB Injection Time: 08:19

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.4
75	30.0 - 60.0% of mass 95	53.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.3
173	Less than 2.0% of mass 174	1.2 (1.5) 1
174	50.0 - 100.0% of mass 95	77.6
175	5.0 - 9.0% of mass 174	5.8 (7.5) 1
176	95.0 - 101.0% of mass 174	75.4 (97.2) 1
177	5.0 - 9.0% of mass 176	4.3 (5.7) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX044466.D	12/23/2024	08:49
VX1223WBL01	VX1223WBL01	VX044468.D	12/23/2024	09:46
BP-VPB-190A-GW-718-720	P5374-03	VX044478.D	12/23/2024	14:29
BP-VPB-190A-TB-20241218	P5374-01	VX044479.D	12/23/2024	14:52
BP-VPB-190A-EB-20241218	P5374-02	VX044480.D	12/23/2024	15:15
BP-VPB-190A-GW-748-750	P5374-04	VX044481.D	12/23/2024	15:38
BP-VPB-190A-GW-748-750MS	P5374-05MS	VX044482.D	12/23/2024	16:00
BP-VPB-190A-GW-748-750MSD	P5374-06MSD	VX044483.D	12/23/2024	16:23
VX1223WBS03	VX1223WBS03	VX044484.D	12/23/2024	16:46
VSTDCCC050EC	VSTDCCC050	VX044492.D	12/23/2024	19:49

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: P5374 SAS No.: P5374 SDG NO.: P5374

Lab File ID: VX044466.D Date Analyzed: 12/23/2024

Instrument ID: MSVOA_X Time Analyzed: 08:49

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	98270	5.54	155098	6.75	129773	10.05
UPPER LIMIT	196540	6.044	310196	7.251	259546	10.549
LOWER LIMIT	49135	5.044	77549	6.251	64886.5	9.549
EPA SAMPLE NO.						
BP-VPB-190A-TB-20241218	144905	5.54	250665	6.76	212481	10.06
BP-VPB-190A-EB-20241218	136476	5.54	243949	6.76	221103	10.05
BP-VPB-190A-GW-718-720	132615	5.54	236368	6.76	212205	10.05
BP-VPB-190A-GW-748-750	132243	5.54	237676	6.76	212650	10.05
BP-VPB-190A-GW-748-750MS	131546	5.54	214972	6.76	185795	10.05
BP-VPB-190A-GW-748-750MSD	133309	5.55	221334	6.76	194386	10.05
VX1223WBL01	153955	5.54	275095	6.76	235868	10.05
VX1223WBS03	136426	5.54	230675	6.76	197773	10.05

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: P5374 SAS No.: P5374 SDG NO.: P5374

Lab File ID: VX044466.D Date Analyzed: 12/23/2024

Instrument ID: MSVOA_X Time Analyzed: 08:49

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

	IS4 AREA #	RT #				
12 HOUR STD	59280	12.018				
UPPER LIMIT	118560	12.518				
LOWER LIMIT	29640	11.518				
EPA SAMPLE NO.						
BP-VPB-190A-TB-20241218	90686	12.02				
BP-VPB-190A-EB-20241218	90813	12.02				
BP-VPB-190A-GW-718-720	92424	12.02				
BP-VPB-190A-GW-748-750	92633	12.02				
BP-VPB-190A-GW-748-750MS	87327	12.02				
BP-VPB-190A-GW-748-750MSD	93024	12.02				
VX1223WBL01	97837	12.02				
VX1223WBS03	93712	12.02				

IS4 = 1,4-Dichlorobenzene-d4

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

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

SAMPLE DATA

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	12/18/24
Project:	CTO WE13	Date Received:	12/20/24
Client Sample ID:	BP-VPB-190A-TB-20241218	SDG No.:	P5374
Lab Sample ID:	P5374-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044479.D	1		12/23/24 14:52	VX122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
74-87-3	Chloromethane	0.50	U	0.35	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.34	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	0.56	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.34	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	0.26	0.75	1.00	ug/L
67-64-1	Acetone	3.80	U	1.40	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.32	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.32	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.25	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
78-93-3	2-Butanone	2.50	U	1.30	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	0.25	0.75	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.26	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.19	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.19	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.16	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.24	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.32	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.19	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.24	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.75	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.18	0.50	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.21	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.18	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	1.10	2.50	5.00	ug/L

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	12/18/24
Project:	CTO WE13	Date Received:	12/20/24
Client Sample ID:	BP-VPB-190A-TB-20241218	SDG No.:	P5374
Lab Sample ID:	P5374-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044479.D	1		12/23/24 14:52	VX122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	UQ	0.25	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.13	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.16	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.31	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.14	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.16	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.21	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.13	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.27	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.24	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.27	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	40.5		81 - 118		81%	SPK: 50
1868-53-7	Dibromofluoromethane	46.4		80 - 119		93%	SPK: 50
2037-26-5	Toluene-d8	50.0		89 - 112		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.7		85 - 114		91%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	145000	5.544				
540-36-3	1,4-Difluorobenzene	251000	6.757				
3114-55-4	Chlorobenzene-d5	212000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	90700	12.018				
TENTATIVE IDENTIFIED COMPOUNDS							
75-43-4	Dichlorofluoromethane	N.D					

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	12/18/24
Project:	CTO WE13	Date Received:	12/20/24
Client Sample ID:	BP-VPB-190A-TB-20241218	SDG No.:	P5374
Lab Sample ID:	P5374-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044479.D	1		12/23/24 14:52	VX122324

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\VX122324\
Data File : VX044479.D
Acq On : 23 Dec 2024 14:52
Operator : JC/MD
Sample : P5374-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-TB-20241218

Quant Time: Dec 23 21:57:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

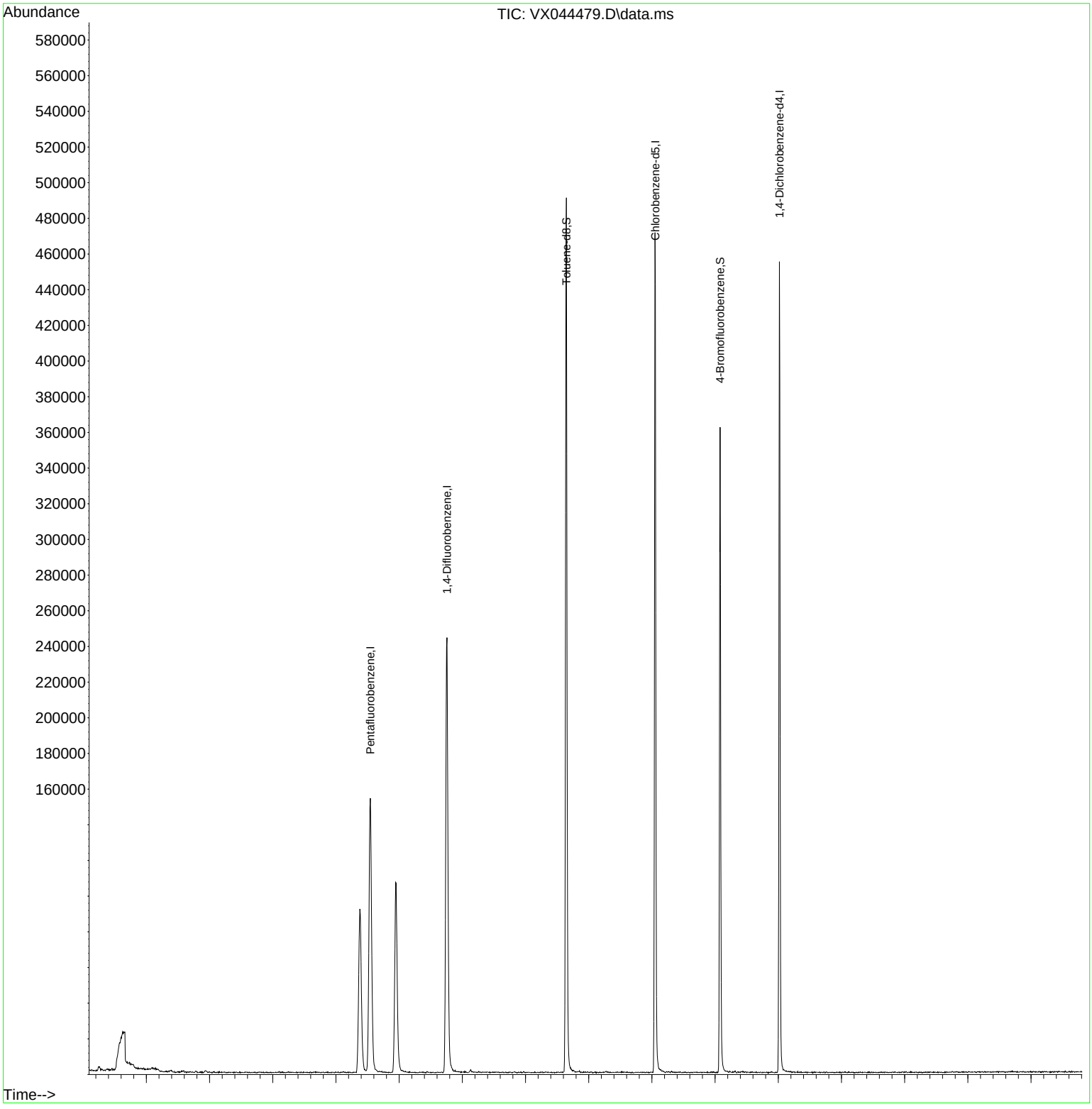
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	144905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	250665	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	90686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	102878	40.493	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	80.980%		
35) Dibromofluoromethane	5.385	113	80545	46.395	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.780%		
50) Toluene-d8	8.647	98	292781	49.988	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.980%		
62) 4-Bromofluorobenzene	11.079	95	93540	45.705	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.420%		
Target Compounds						Qvalue
16) Acetone	2.380	43	824	0.796	ug/l	90

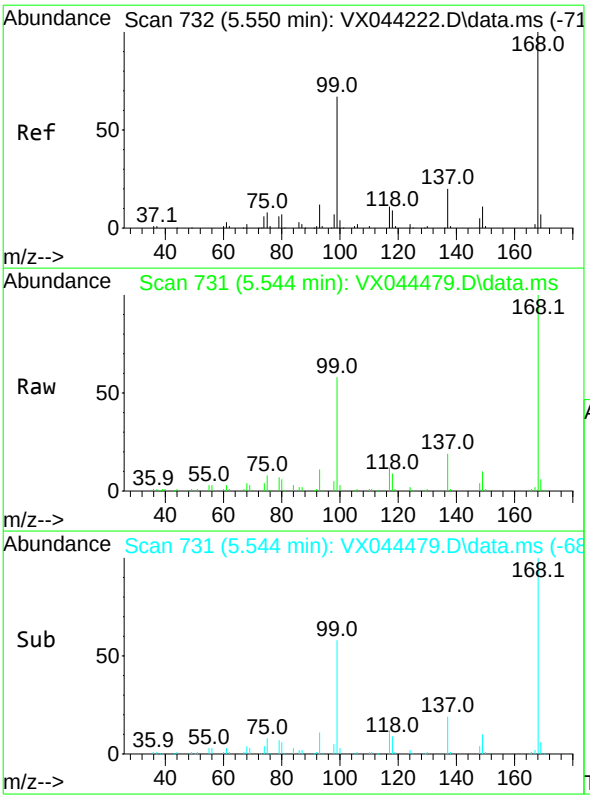
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044479.D
Acq On : 23 Dec 2024 14:52
Operator : JC/MD
Sample : P5374-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-TB-20241218

Quant Time: Dec 23 21:57:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



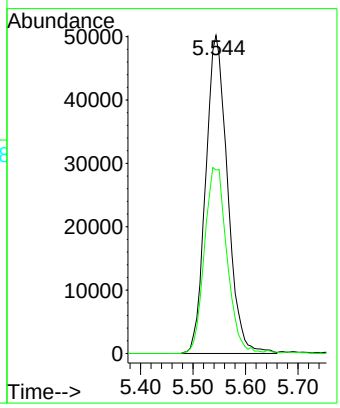


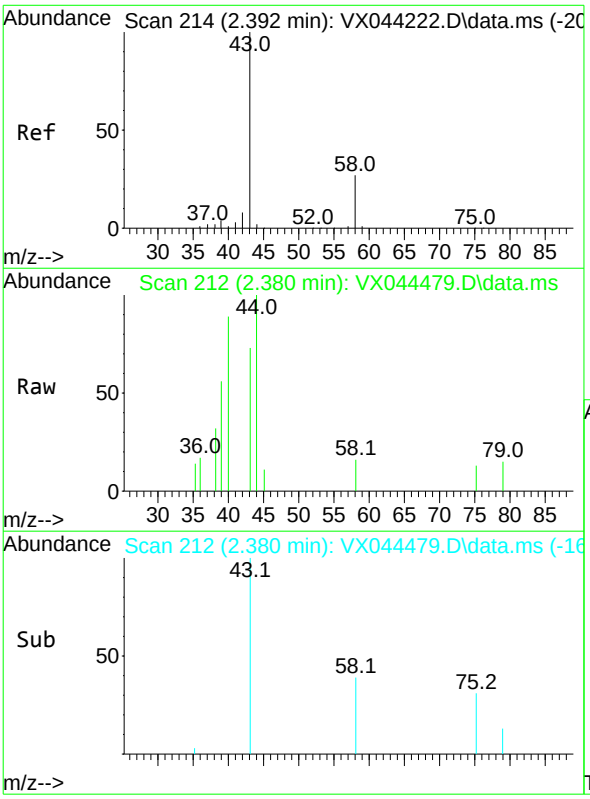
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
Lab File: VX044479.D
Acq: 23 Dec 2024 14:52

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-TB-20241218

Tgt Ion:168 Resp: 144905

Ion	Ratio	Lower	Upper
168	100		
99	57.7	53.4	80.0

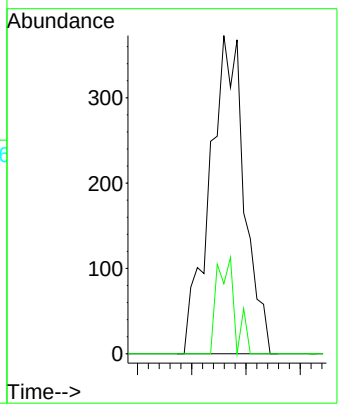


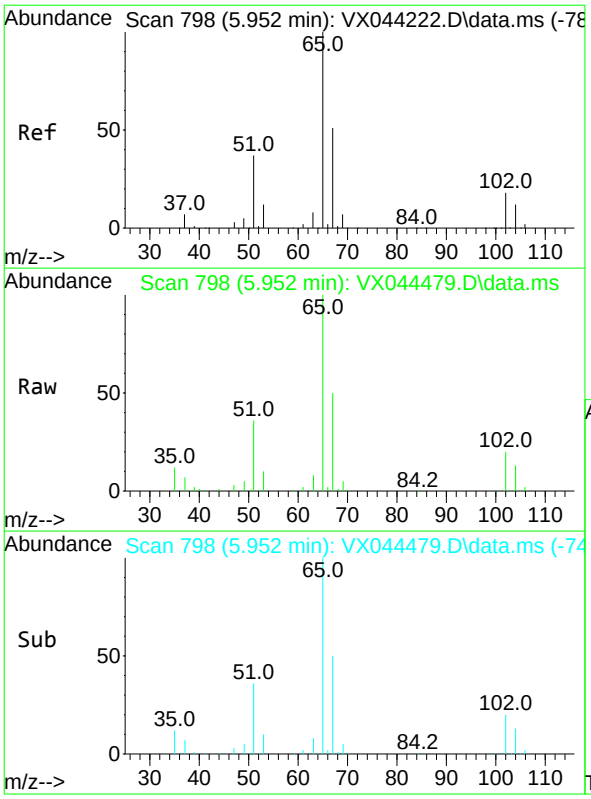


#16
Acetone
Concen: 0.796 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX044479.D
Acq: 23 Dec 2024 14:52

Tgt Ion: 43 Resp: 824

Ion	Ratio	Lower	Upper
43	100		
58	22.0	21.6	32.4



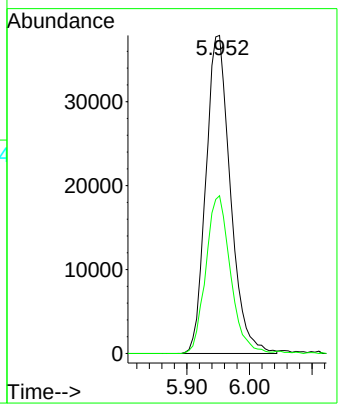


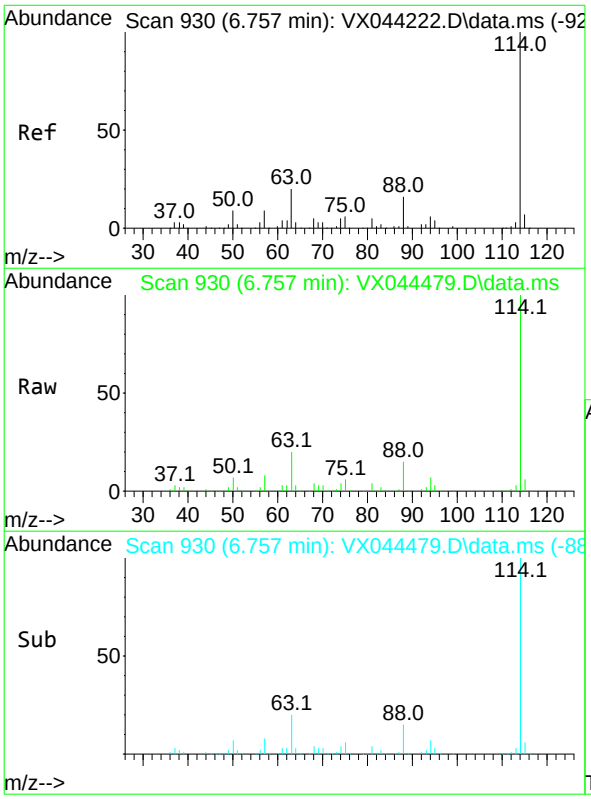
#33
1,2-Dichloroethane-d4
Concen: 40.493 ug/l
RT: 5.952 min Scan# 79
Delta R.T. -0.000 min
Lab File: VX044479.D
Acq: 23 Dec 2024 14:52

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-TB-20241218

Tgt Ion: 65 Resp: 102878

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	101.6

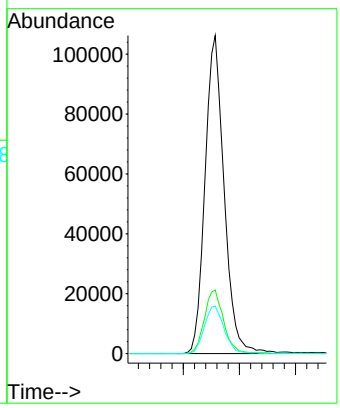


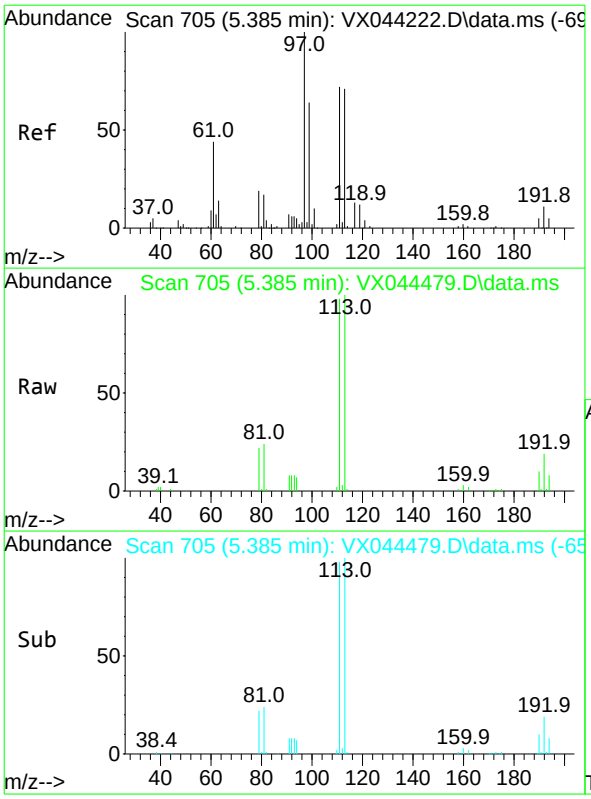


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044479.D
Acq: 23 Dec 2024 14:52

Tgt Ion:114 Resp: 250665

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.6
88	14.9	0.0	31.8



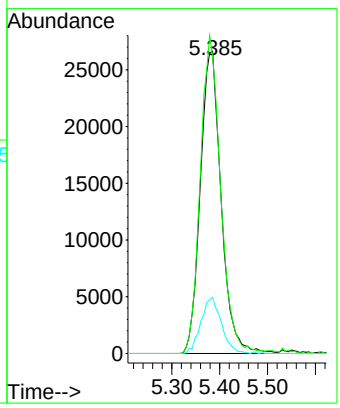


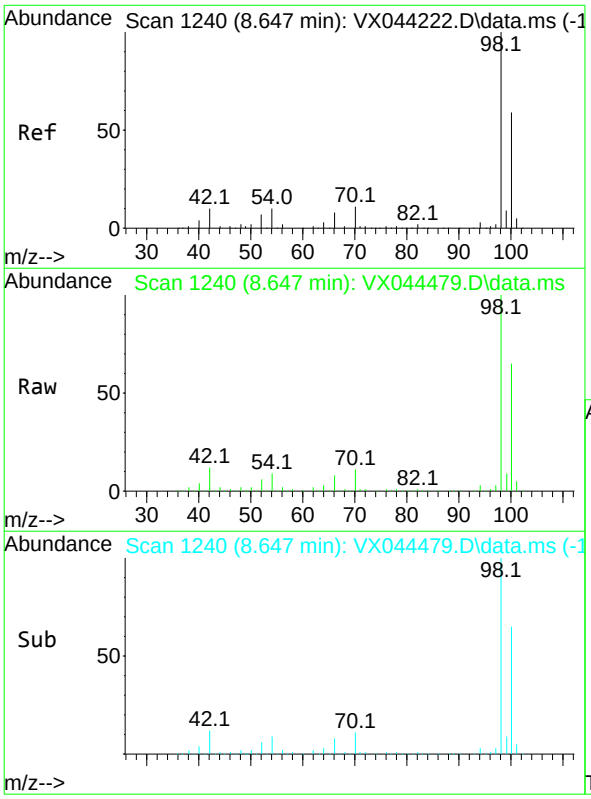
#35
Dibromofluoromethane
Concen: 46.395 ug/l
RT: 5.385 min Scan# 70
Delta R.T. -0.000 min
Lab File: VX044479.D
Acq: 23 Dec 2024 14:52

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-TB-20241218

Tgt Ion:113 Resp: 80545

Ion	Ratio	Lower	Upper
113	100		
111	102.5	80.4	120.6
192	18.1	13.3	19.9

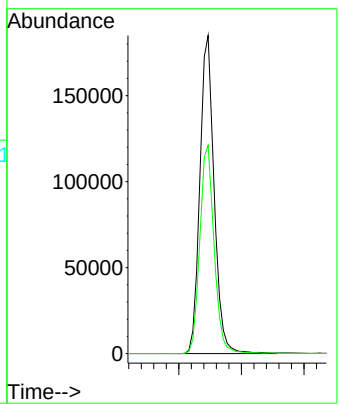


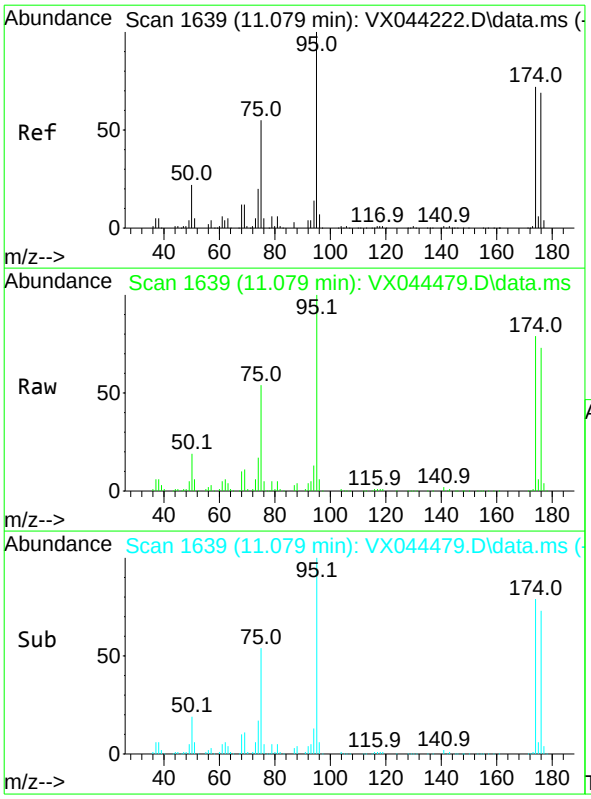


#50
Toluene-d8
Concen: 49.988 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044479.D
Acq: 23 Dec 2024 14:52

Tgt Ion: 98 Resp: 292781

Ion	Ratio	Lower	Upper
98	100		
100	65.6	51.5	77.3



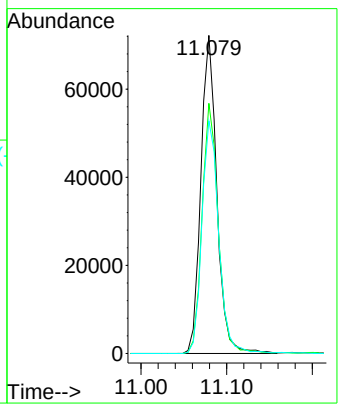


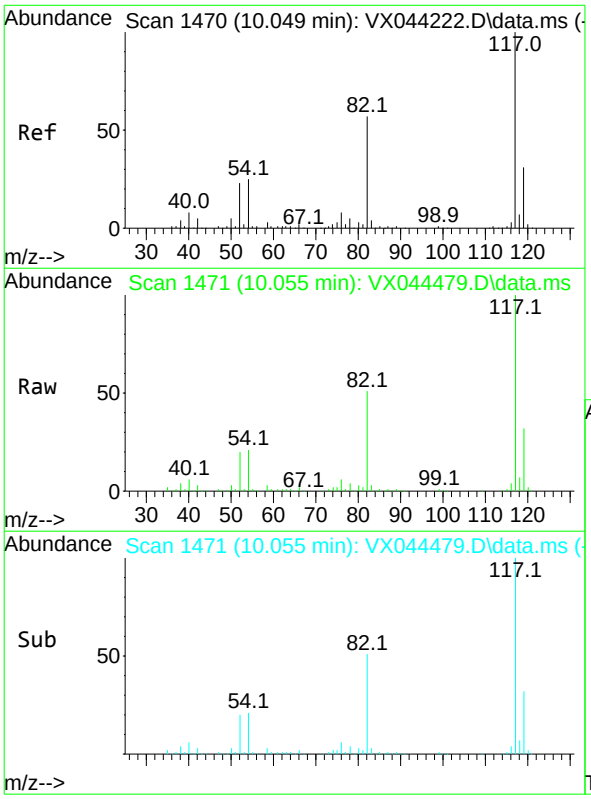
#62
4-Bromofluorobenzene
Concen: 45.705 ug/l
RT: 11.079 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX044479.D
Acq: 23 Dec 2024 14:52

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-TB-20241218

Tgt Ion: 95 Resp: 93540

Ion	Ratio	Lower	Upper
95	100		
174	79.6	0.0	145.8
176	77.0	0.0	137.8

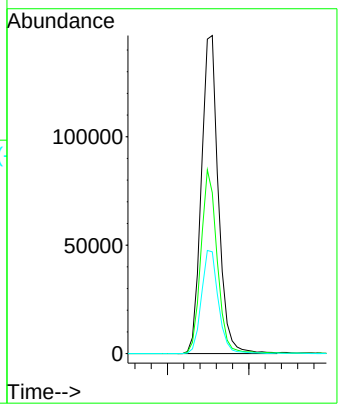


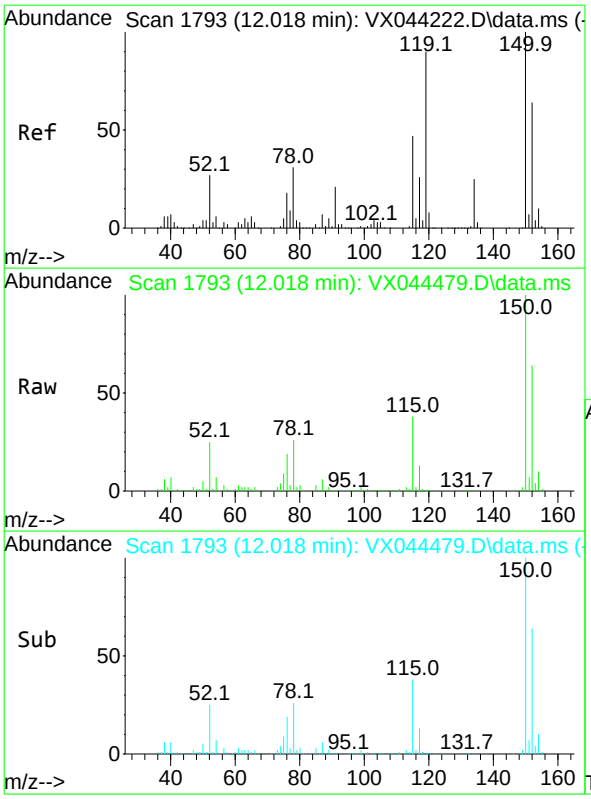


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044479.D
Acq: 23 Dec 2024 14:52

Tgt Ion:117 Resp: 212481

Ion	Ratio	Lower	Upper
117	100		
82	50.6	45.8	68.8
119	32.0	25.0	37.4



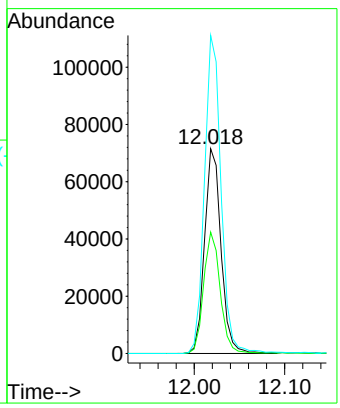


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044479.D
Acq: 23 Dec 2024 14:52

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-TB-20241218

Tgt Ion:152 Resp: 90686

Ion	Ratio	Lower	Upper
152	100		
115	59.6	44.5	133.3
150	156.3	0.0	353.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044479.D
Acq On : 23 Dec 2024 14:52
Operator : JC/MD
Sample : P5374-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-TB-20241218

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\82X121124W.M
Title : SW846 8260

Signal : TIC: VX044479.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.575	67	80	81	rBV4	15298	39878	5.01%	0.959%
2	5.379	695	704	720	rBV	91700	273823	34.43%	6.582%
3	5.544	720	731	751	rVB	153475	445296	55.99%	10.704%
4	5.946	788	797	811	rBV	106527	286948	36.08%	6.898%
5	6.757	920	930	947	rBV	243952	593234	74.59%	14.260%
6	8.647	1233	1240	1255	rBV	490100	795367	100.00%	19.119%
7	10.049	1465	1470	1484	rBV	470833	676280	85.03%	16.256%
8	11.079	1634	1639	1652	rBV	361542	478689	60.18%	11.507%
9	12.018	1788	1793	1803	rBV	454394	570644	71.75%	13.717%

Sum of corrected areas: 4160159

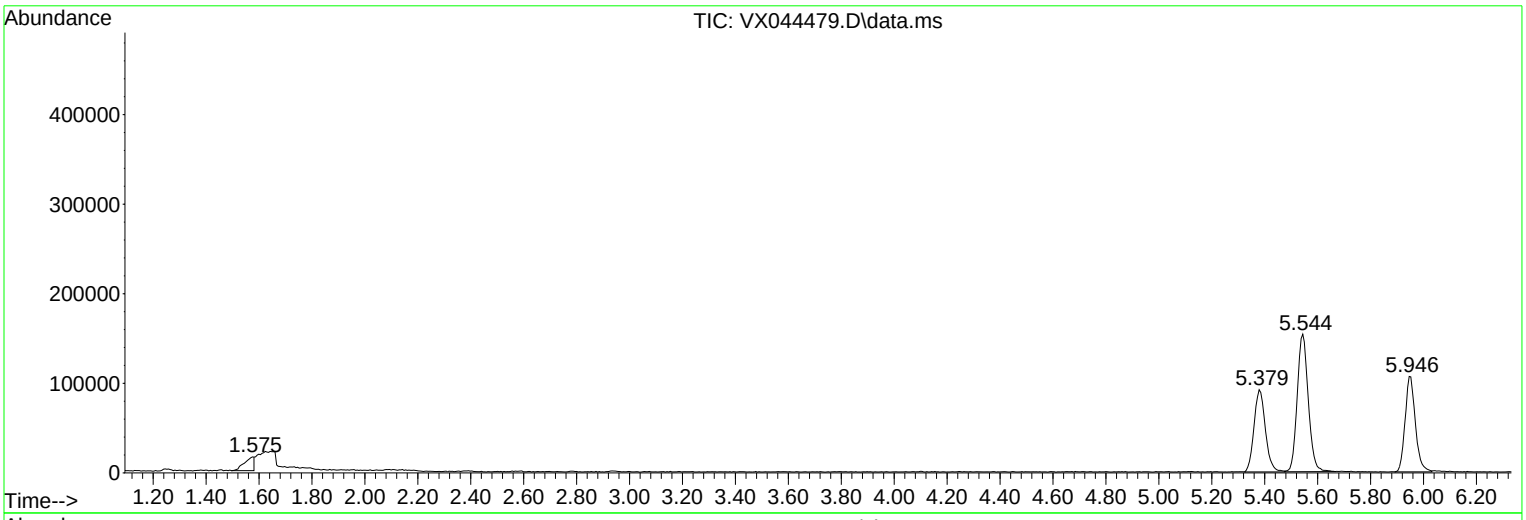
Sample Results: **VX044479.D**

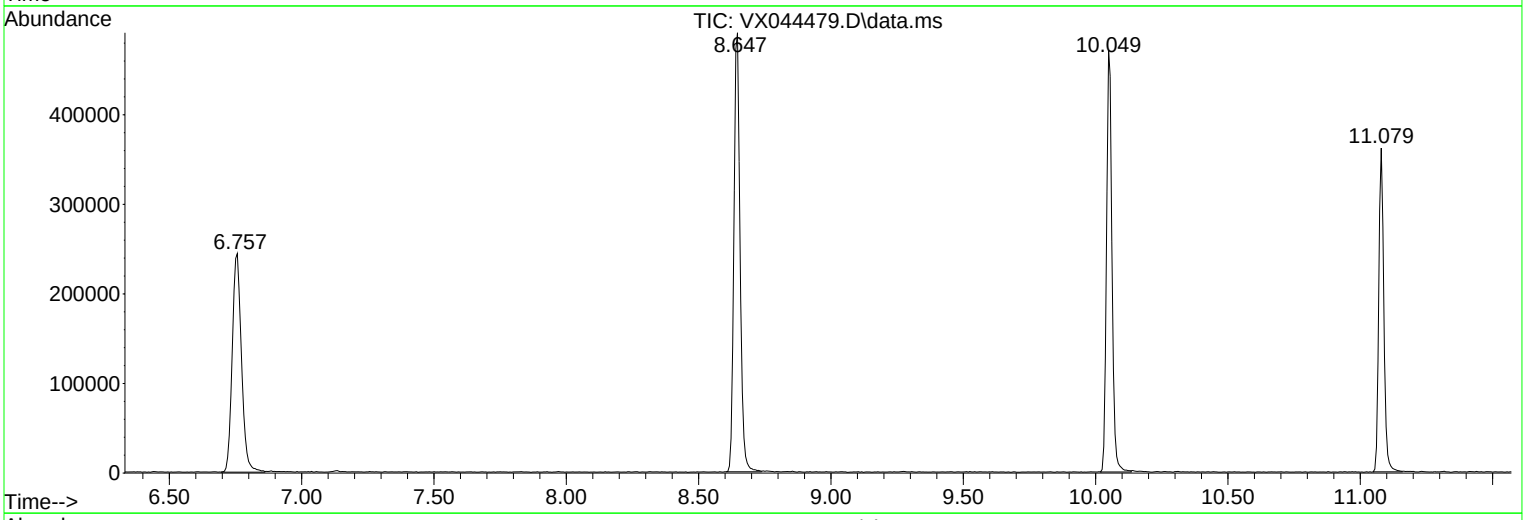
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044479.D
Acq On : 23 Dec 2024 14:52
Operator : JC/MD
Sample : P5374-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

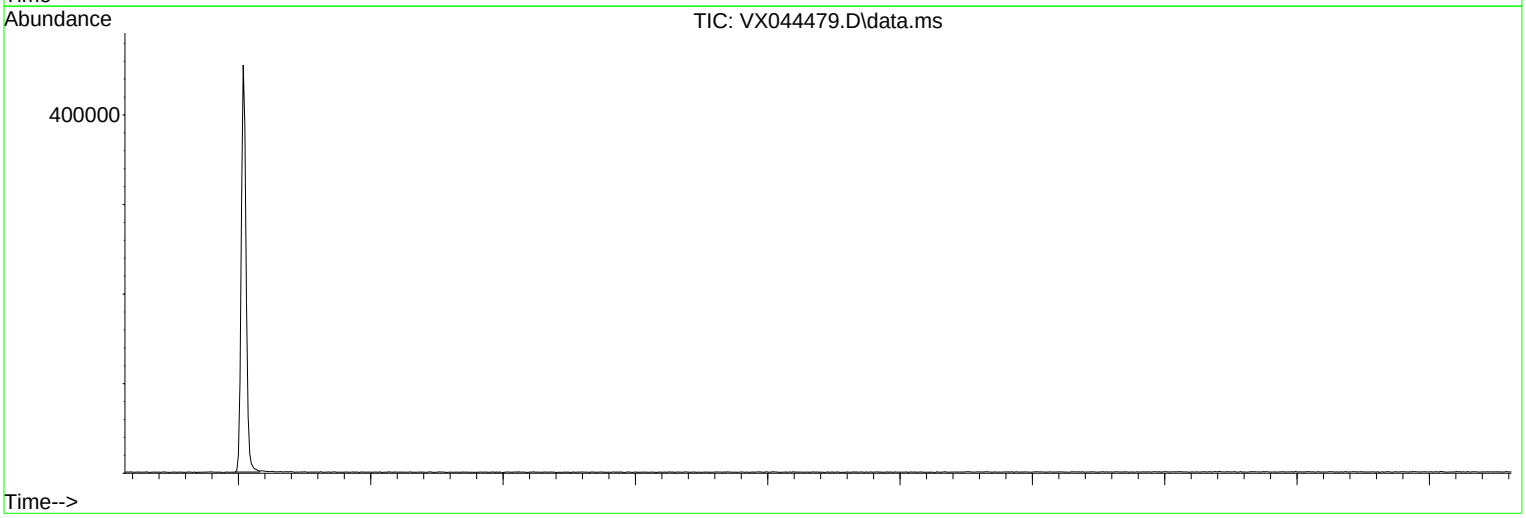
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-TB-20241218

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044479.D
Acq On : 23 Dec 2024 14:52
Operator : JC/MD
Sample : P5374-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-TB-20241218

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.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\VX122324\
Data File : VX044479.D
Acq On : 23 Dec 2024 14:52
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Sample : P5374-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-TB-20241218

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.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:	12/18/24
Project:	CTO WE13	Date Received:	12/20/24
Client Sample ID:	BP-VPB-190A-EB-20241218	SDG No.:	P5374
Lab Sample ID:	P5374-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044480.D	1		12/23/24 15:15	VX122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
74-87-3	Chloromethane	0.50	U	0.35	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.34	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	0.56	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.34	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	0.26	0.75	1.00	ug/L
67-64-1	Acetone	3.80	U	1.40	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.32	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.32	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.25	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
78-93-3	2-Butanone	2.50	U	1.30	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	0.25	0.75	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.26	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.19	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.19	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.16	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.24	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.32	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.19	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.24	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.75	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.18	0.50	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.21	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.18	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	1.10	2.50	5.00	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:	12/18/24
Project:	CTO WE13	Date Received:	12/20/24
Client Sample ID:	BP-VPB-190A-EB-20241218	SDG No.:	P5374
Lab Sample ID:	P5374-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044480.D	1		12/23/24 15:15	VX122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	UQ	0.25	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.13	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.16	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.31	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.14	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.16	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.21	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.13	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.27	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.24	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.27	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	41.5		81 - 118		83%	SPK: 50
1868-53-7	Dibromofluoromethane	46.1		80 - 119		92%	SPK: 50
2037-26-5	Toluene-d8	51.7		89 - 112		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.4		85 - 114		97%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	136000	5.543				
540-36-3	1,4-Difluorobenzene	244000	6.757				
3114-55-4	Chlorobenzene-d5	221000	10.049				
3855-82-1	1,4-Dichlorobenzene-d4	90800	12.018				
TENTATIVE IDENTIFIED COMPOUNDS							
75-43-4	Dichlorofluoromethane	N.D					

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	12/18/24
Project:	CTO WE13	Date Received:	12/20/24
Client Sample ID:	BP-VPB-190A-EB-20241218	SDG No.:	P5374
Lab Sample ID:	P5374-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044480.D	1		12/23/24 15:15	VX122324

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\VX122324\
Data File : VX044480.D
Acq On : 23 Dec 2024 15:15
Operator : JC/MD
Sample : P5374-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-EB-20241218

Quant Time: Dec 23 21:58:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.543	168	136476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	243949	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	221103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	90813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	99200	41.456	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 82.920%			
35) Dibromofluoromethane	5.379	113	77969	46.147	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.300%			
50) Toluene-d8	8.647	98	294876	51.732	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.460%			
62) 4-Bromofluorobenzene	11.079	95	96446	48.422	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.840%			
Target Compounds						Qvalue
16) Acetone	2.386	43	718	0.736	ug/l #	80
29) Tetrahydrofuran	5.025	42	4907	5.512	ug/l #	64

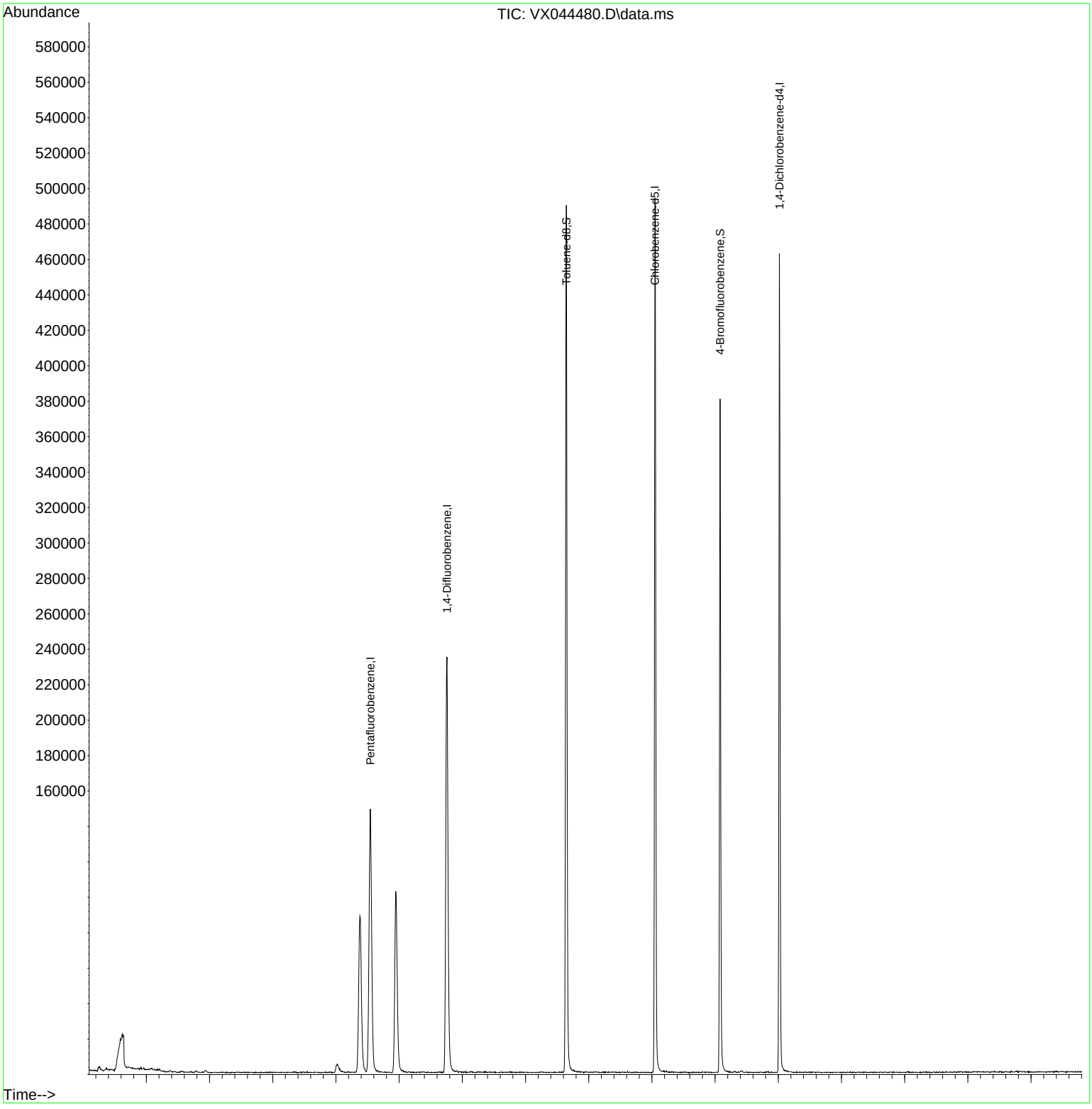
(#) = qualifier out of range (m) = manual integration (+) = signals summed

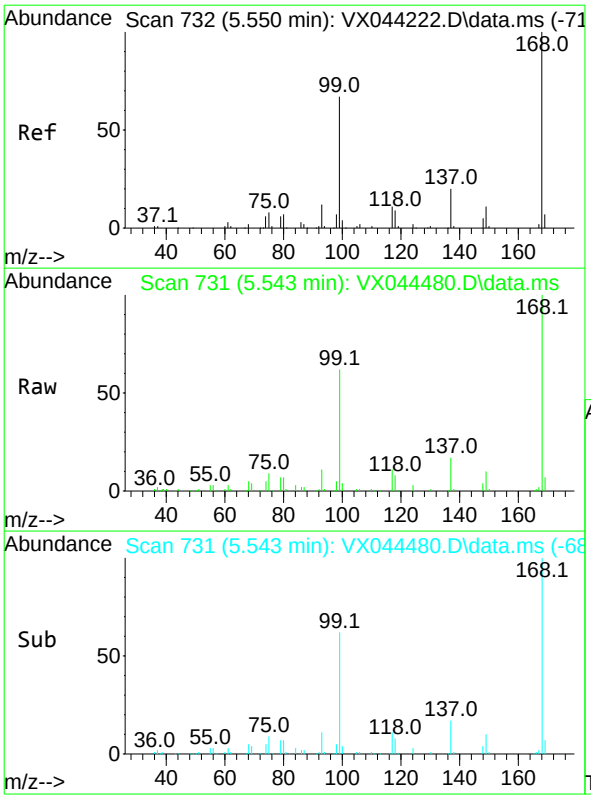
Sample Results: **VX044480.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044480.D
Acq On : 23 Dec 2024 15:15
Operator : JC/MD
Sample : P5374-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-EB-20241218

Quant Time: Dec 23 21:58:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



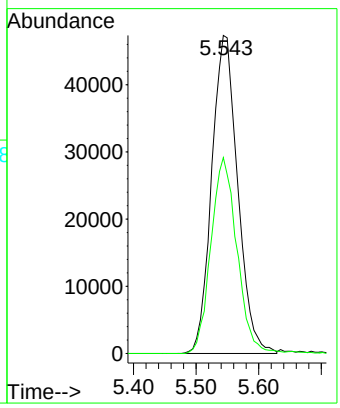


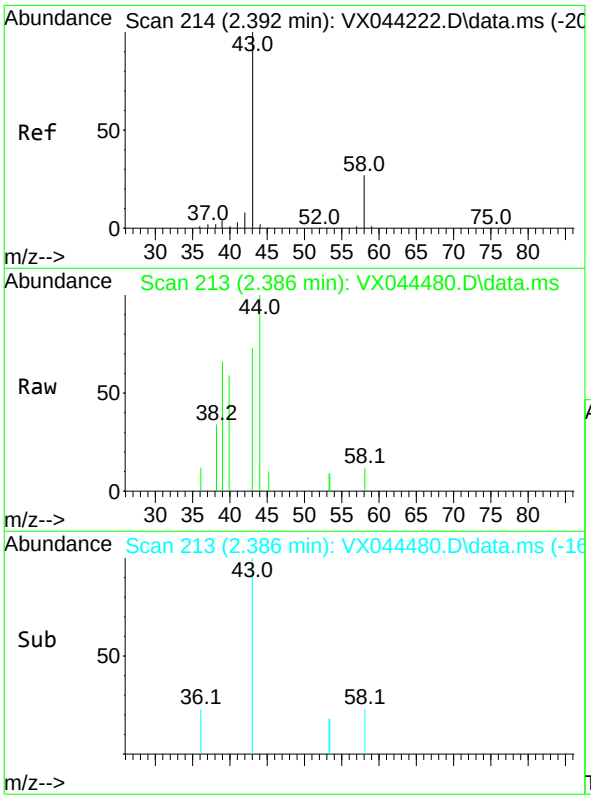
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 73
Delta R.T. -0.006 min
Lab File: VX044480.D
Acq: 23 Dec 2024 15:15

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-EB-20241218

Tgt Ion:168 Resp: 136476

Ion	Ratio	Lower	Upper
168	100		
99	61.6	53.4	80.0

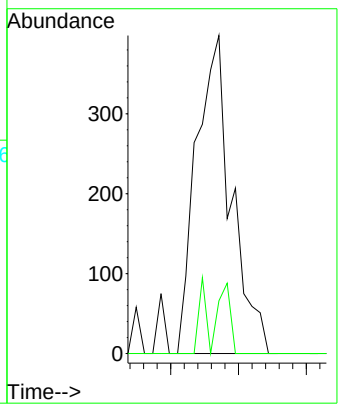


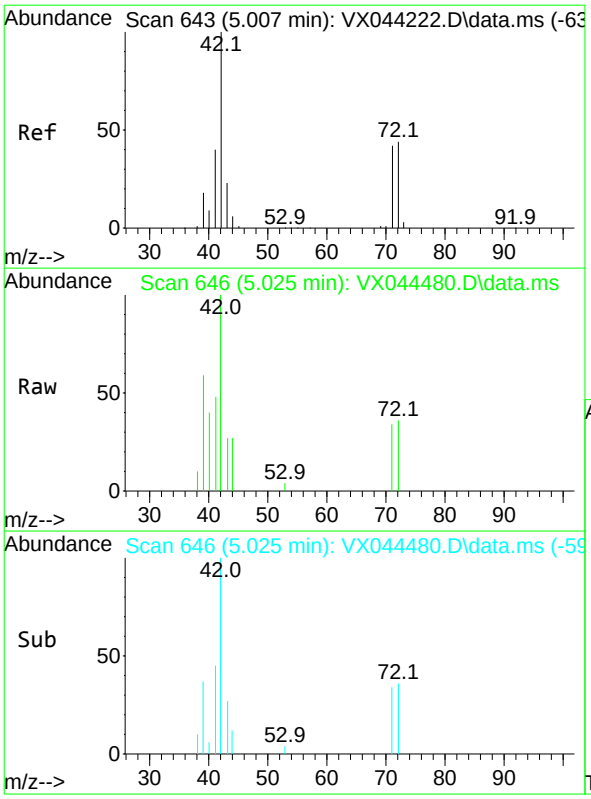


#16
Acetone
Concen: 0.736 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044480.D
Acq: 23 Dec 2024 15:15

Tgt Ion: 43 Resp: 718

Ion	Ratio	Lower	Upper
43	100		
58	16.6	21.6	32.4#



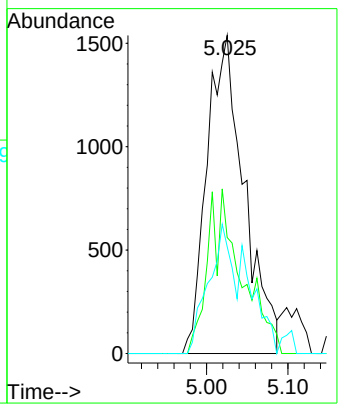


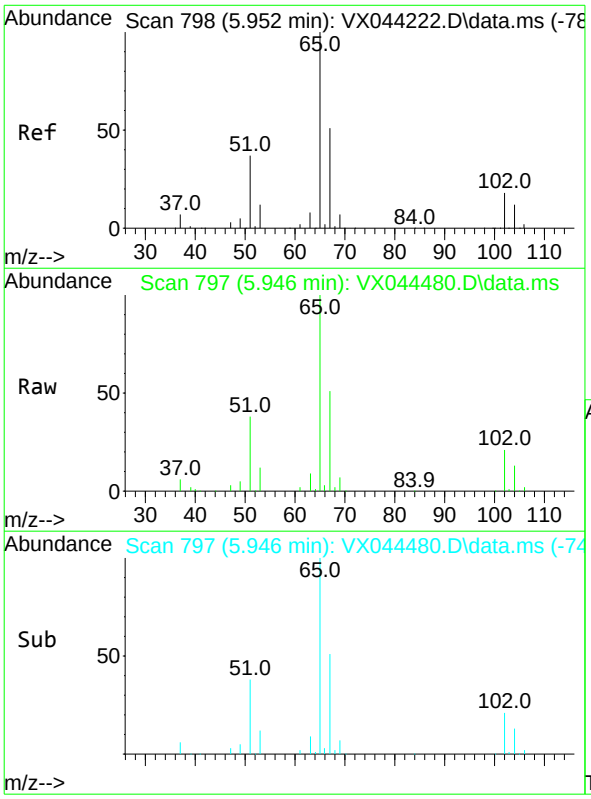
#29
Tetrahydrofuran
Concen: 5.512 ug/l
RT: 5.025 min Scan# 64
Delta R.T. 0.018 min
Lab File: VX044480.D
Acq: 23 Dec 2024 15:15

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-EB-20241218

Tgt Ion: 42 Resp: 4907

Ion	Ratio	Lower	Upper
42	100		
72	15.3	37.0	55.6#
71	26.2	33.6	50.4#

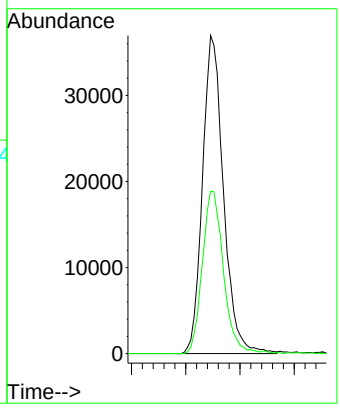


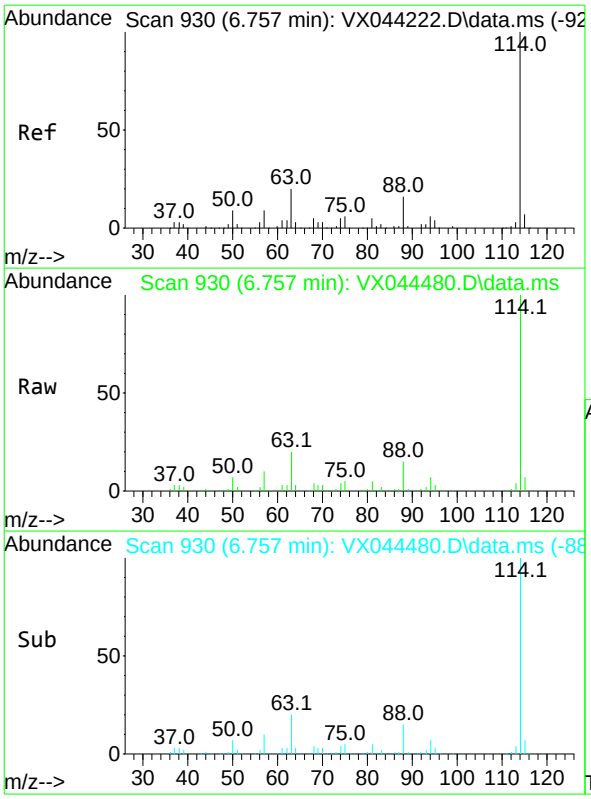


#33
1,2-Dichloroethane-d4
Concen: 41.456 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX044480.D
Acq: 23 Dec 2024 15:15

Tgt Ion: 65 Resp: 99200

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	101.6



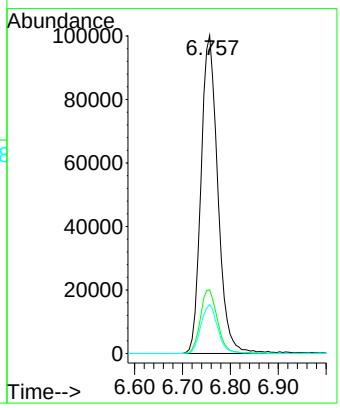


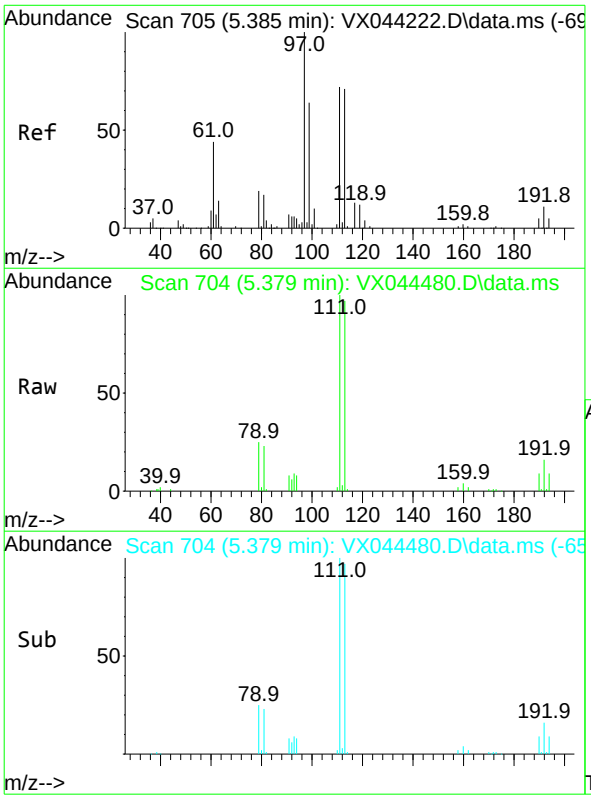
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 93
Delta R.T. -0.000 min
Lab File: VX044480.D
Acq: 23 Dec 2024 15:15

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-EB-20241218

Tgt Ion:114 Resp: 243949

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.6
88	15.4	0.0	31.8

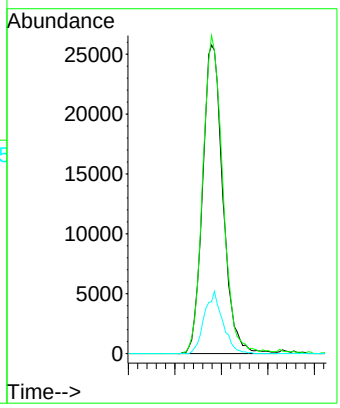


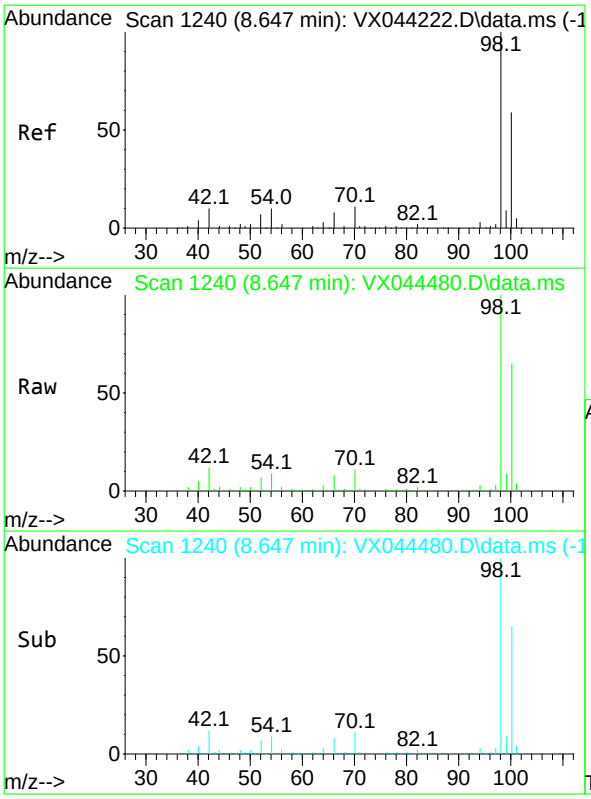


#35
Dibromofluoromethane
Concen: 46.147 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044480.D
Acq: 23 Dec 2024 15:15

Tgt Ion:113 Resp: 77969

Ion	Ratio	Lower	Upper
113	100		
111	101.6	80.4	120.6
192	18.4	13.3	19.9



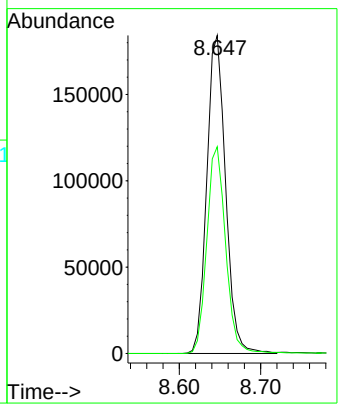


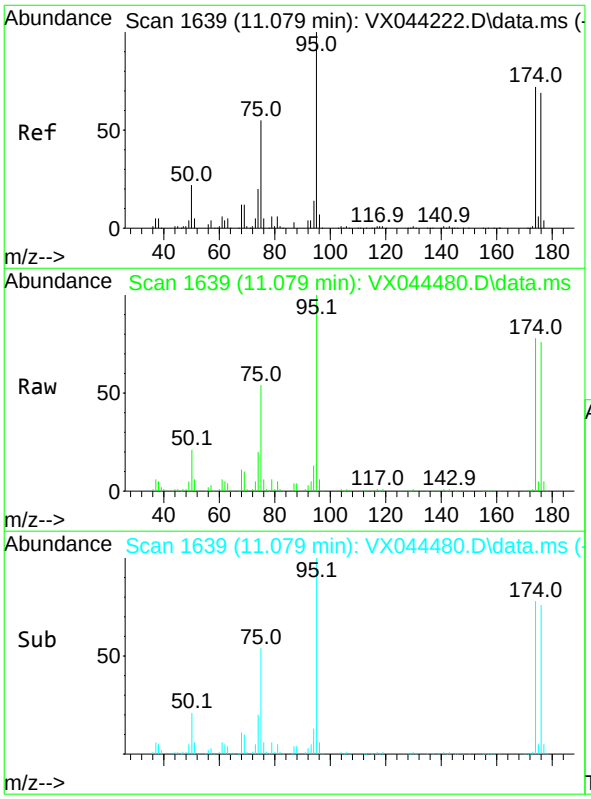
#50
Toluene-d8
Concen: 51.732 ug/l
RT: 8.647 min Scan# 12
Delta R.T. -0.000 min
Lab File: VX044480.D
Acq: 23 Dec 2024 15:15

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-EB-20241218

Tgt Ion: 98 Resp: 294876

Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.5	77.3

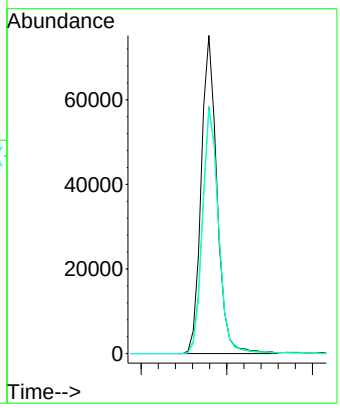


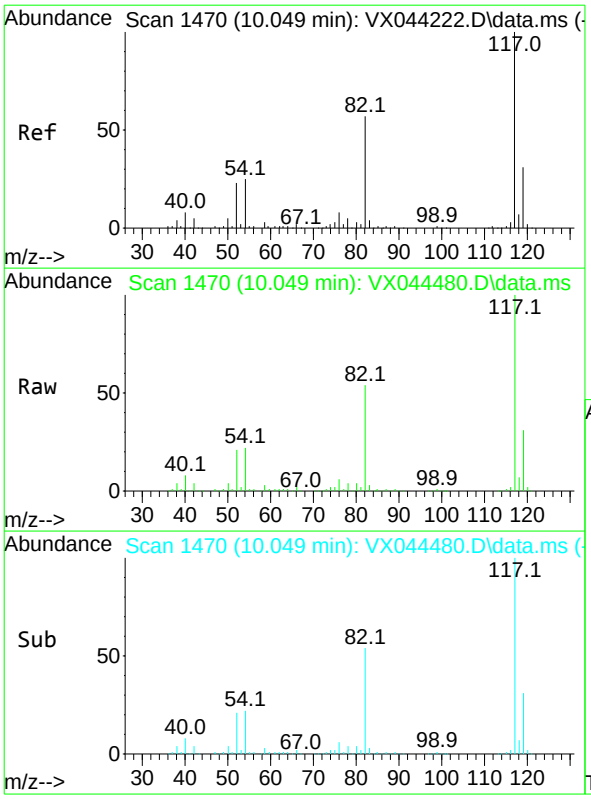


#62
4-Bromofluorobenzene
Concen: 48.422 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044480.D
Acq: 23 Dec 2024 15:15

Tgt Ion: 95 Resp: 96446

Ion	Ratio	Lower	Upper
95	100		
174	79.6	0.0	145.8
176	78.0	0.0	137.8



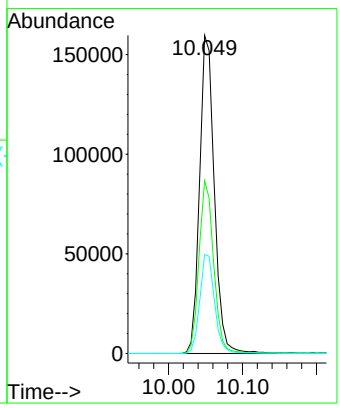


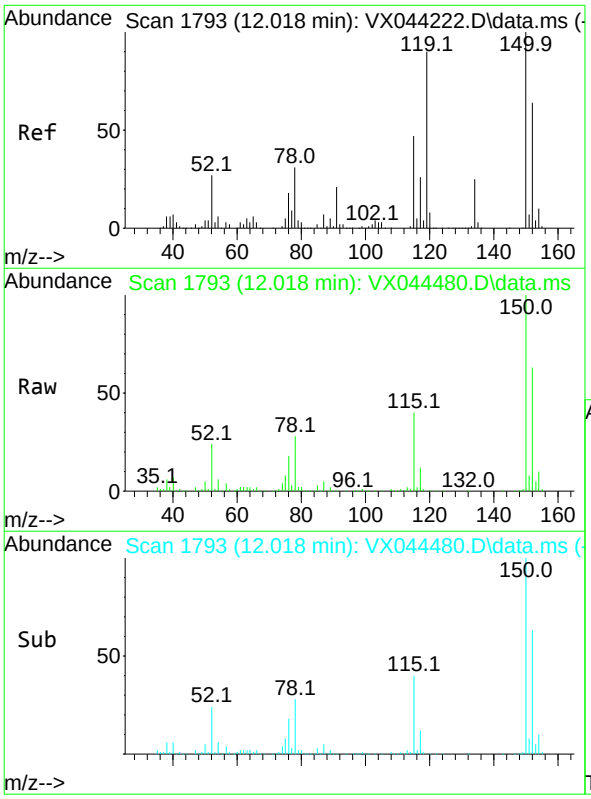
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044480.D
Acq: 23 Dec 2024 15:15

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-EB-20241218

Tgt Ion:117 Resp: 221103

Ion	Ratio	Lower	Upper
117	100		
82	54.3	45.8	68.8
119	31.1	25.0	37.4

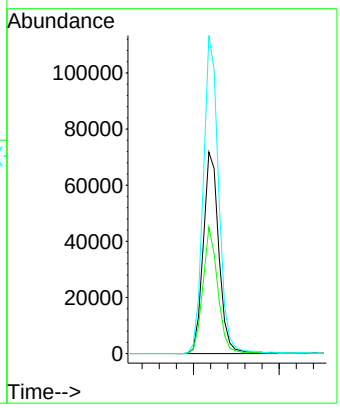




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044480.D
Acq: 23 Dec 2024 15:15

Tgt Ion:152 Resp: 90813

Ion	Ratio	Lower	Upper
152	100		
115	60.1	44.5	133.3
150	155.2	0.0	353.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044480.D
Acq On : 23 Dec 2024 15:15
Operator : JC/MD
Sample : P5374-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-EB-20241218

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\82X121124W.M
Title : SW846 8260

Signal : TIC: VX044480.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.587	69	82	83	rBV2	17053	47175	5.94%	1.137%
2	5.019	637	645	651	rBV4	4801	14393	1.81%	0.347%
3	5.379	694	704	720	rBV2	87955	264528	33.28%	6.376%
4	5.543	720	731	745	rBV2	148332	420848	52.95%	10.144%
5	5.946	789	797	811	rBV	102240	277185	34.87%	6.681%
6	6.757	921	930	947	rBV	234588	575395	72.39%	13.869%
7	8.647	1233	1240	1251	rBV	489265	794833	100.00%	19.158%
8	10.049	1465	1470	1484	rBV	493373	687868	86.54%	16.580%
9	11.079	1634	1639	1654	rBV	380118	495080	62.29%	11.933%
10	12.018	1788	1793	1804	rBV	462158	571579	71.91%	13.777%

Sum of corrected areas: 4148884

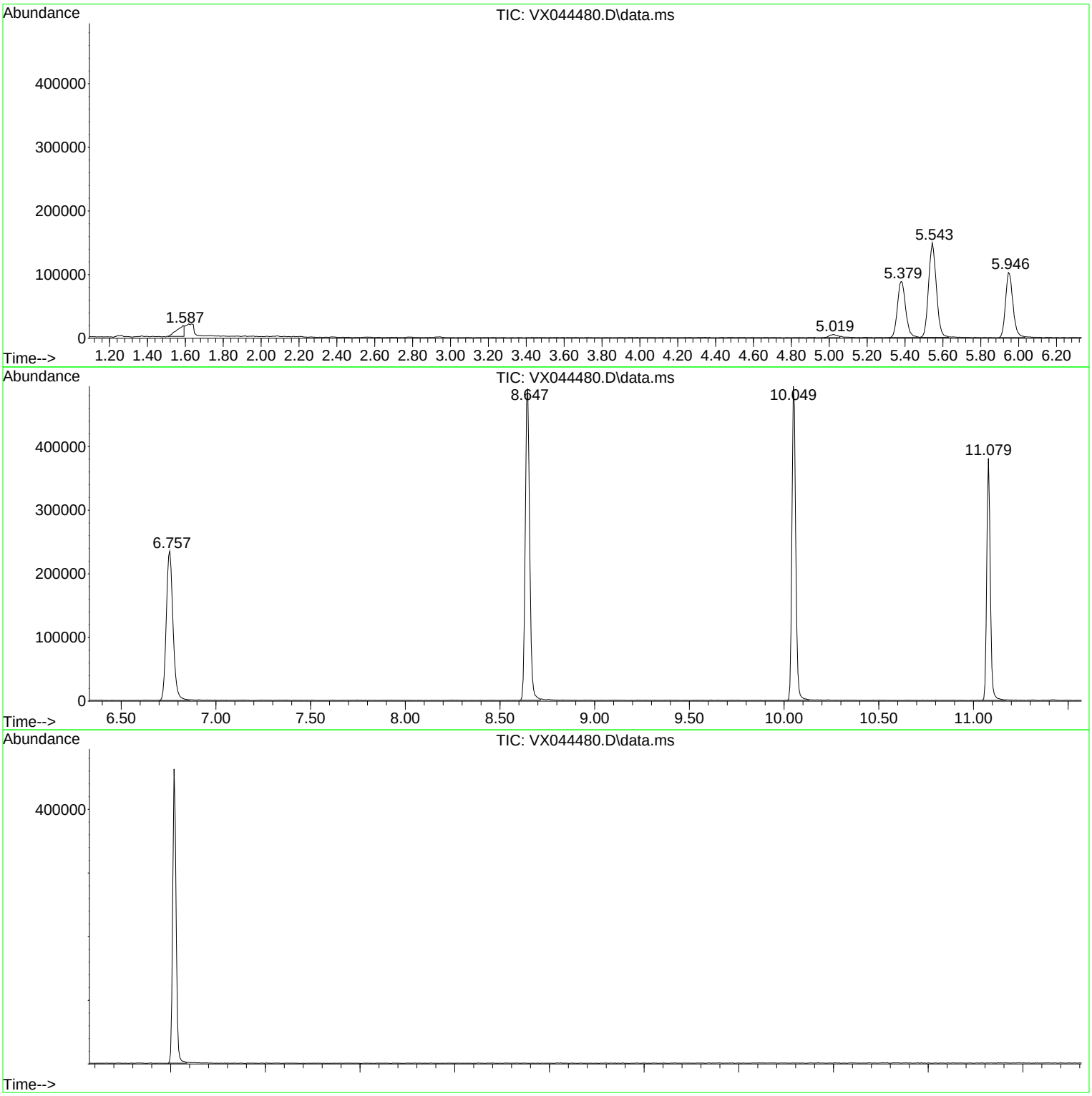
Sample Results: **VX044480.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044480.D
Acq On : 23 Dec 2024 15:15
Operator : JC/MD
Sample : P5374-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-EB-20241218

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044480.D
Acq On : 23 Dec 2024 15:15
Operator : JC/MD
Sample : P5374-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-EB-20241218

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.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\VX122324\
Data File : VX044480.D
Acq On : 23 Dec 2024 15:15
Operator : JC/MD
Sample : P5374-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-EB-20241218

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.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
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Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	12/18/24
Project:	CTO WE13	Date Received:	12/20/24
Client Sample ID:	BP-VPB-190A-GW-718-720	SDG No.:	P5374
Lab Sample ID:	P5374-03	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044478.D	1		12/23/24 14:29	VX122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
74-87-3	Chloromethane	0.50	U	0.35	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.34	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	0.56	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.34	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	6.90		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	1.90		0.26	0.75	1.00	ug/L
67-64-1	Acetone	3.70	J	1.40	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.32	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.32	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.25	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
78-93-3	2-Butanone	2.50	U	1.30	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	0.73	J	0.25	0.75	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.26	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.19	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.19	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.16	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.24	0.50	1.00	ug/L
79-01-6	Trichloroethene	63.0		0.32	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.19	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.24	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.75	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.18	0.50	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.21	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.18	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	1.10	2.50	5.00	ug/L

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	12/18/24
Project:	CTO WE13	Date Received:	12/20/24
Client Sample ID:	BP-VPB-190A-GW-718-720	SDG No.:	P5374
Lab Sample ID:	P5374-03	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044478.D	1		12/23/24 14:29	VX122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	UQ	0.25	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.13	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.16	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.31	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.14	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.16	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.21	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.13	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.27	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.24	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.27	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	41.9		81 - 118		84%	SPK: 50
1868-53-7	Dibromofluoromethane	46.5		80 - 119		93%	SPK: 50
2037-26-5	Toluene-d8	51.5		89 - 112		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.7		85 - 114		99%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	133000	5.544				
540-36-3	1,4-Difluorobenzene	236000	6.757				
3114-55-4	Chlorobenzene-d5	212000	10.049				
3855-82-1	1,4-Dichlorobenzene-d4	92400	12.018				
TENTATIVE IDENTIFIED COMPOUNDS							
75-43-4	Dichlorofluoromethane	N.D					

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	12/18/24
Project:	CTO WE13	Date Received:	12/20/24
Client Sample ID:	BP-VPB-190A-GW-718-720	SDG No.:	P5374
Lab Sample ID:	P5374-03	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044478.D	1		12/23/24 14:29	VX122324

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\VX122324\
Data File : VX044478.D
Acq On : 23 Dec 2024 14:29
Operator : JC/MD
Sample : P5374-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-718-720

Quant Time: Dec 23 21:57:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

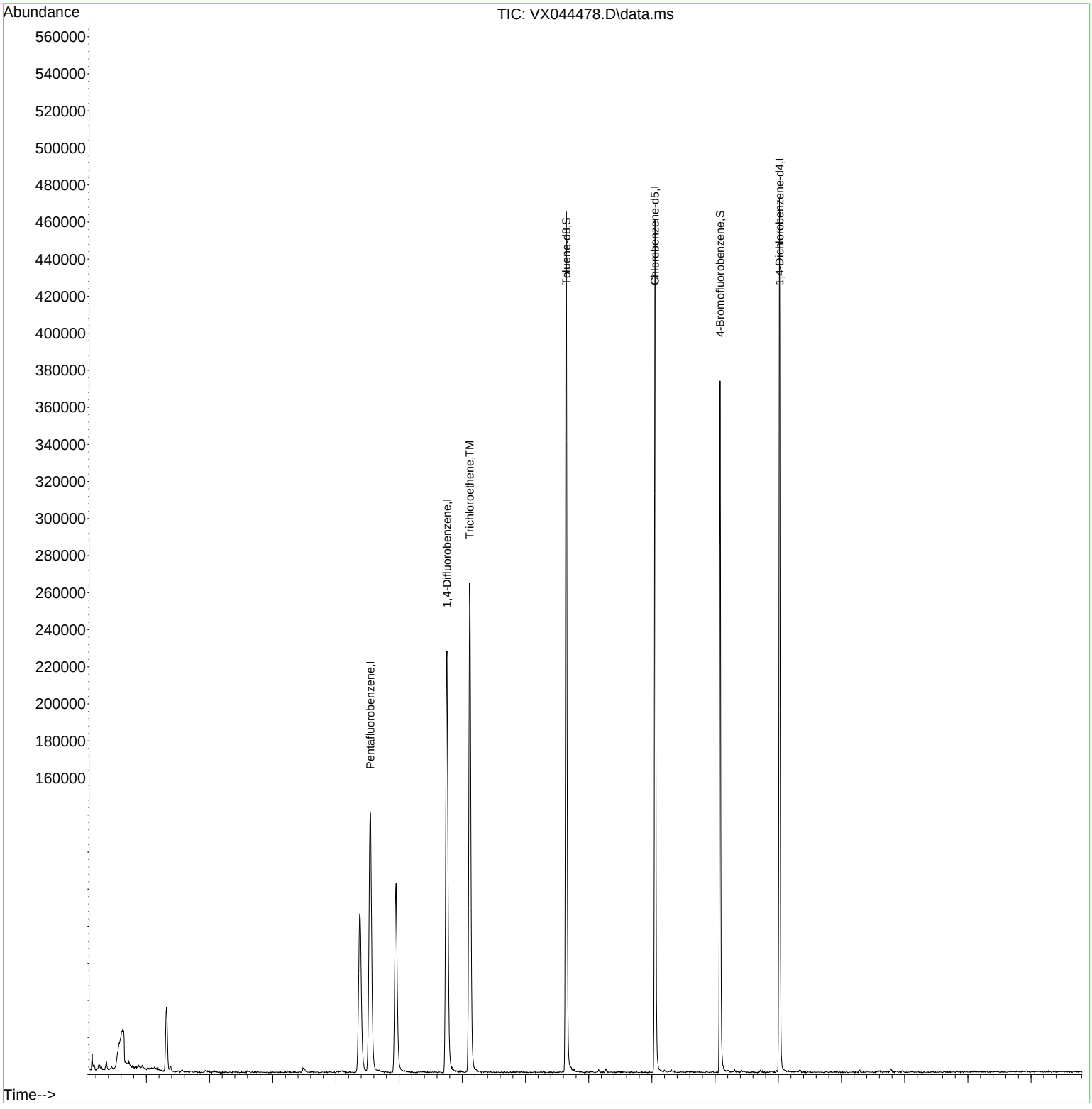
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	132615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	236368	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	212205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	92424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	97430	41.902	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 83.800%			
35) Dibromofluoromethane	5.385	113	76153	46.518	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.040%			
50) Toluene-d8	8.647	98	284531	51.518	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.040%			
62) 4-Bromofluorobenzene	11.079	95	95902	49.694	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.380%			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	11094	6.855	ug/l	100
12) 1,1-Dichloroethene	2.313	96	2875	1.934	ug/l	95
16) Acetone	2.386	43	3536	3.730	ug/l #	89
17) Carbon Disulfide	2.508	76	834	0.295	ug/l #	91
27) cis-1,2-Dichloroethene	4.489	96	1463	0.729	ug/l	49
44) Trichloroethene	7.117	130	100968	63.018	ug/l	99

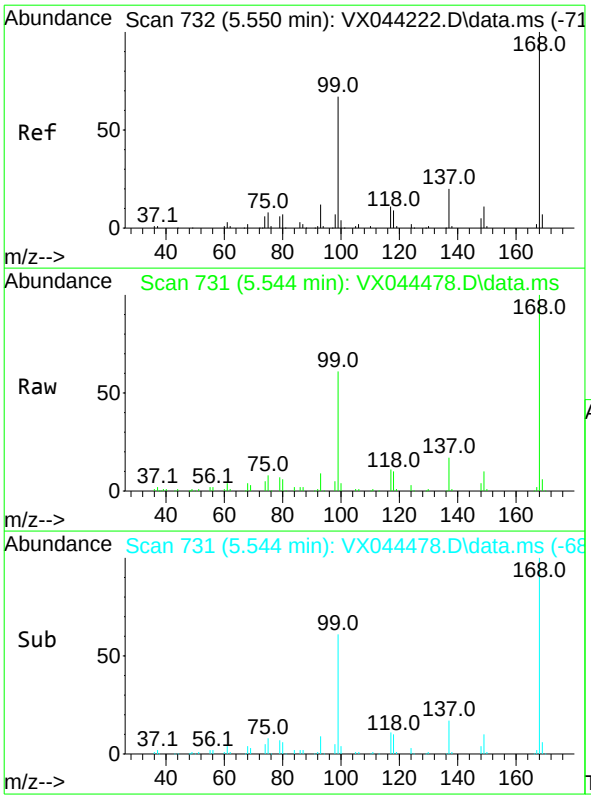
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044478.D
Acq On : 23 Dec 2024 14:29
Operator : JC/MD
Sample : P5374-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-718-720

Quant Time: Dec 23 21:57:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



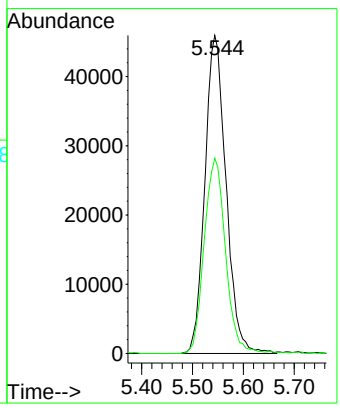


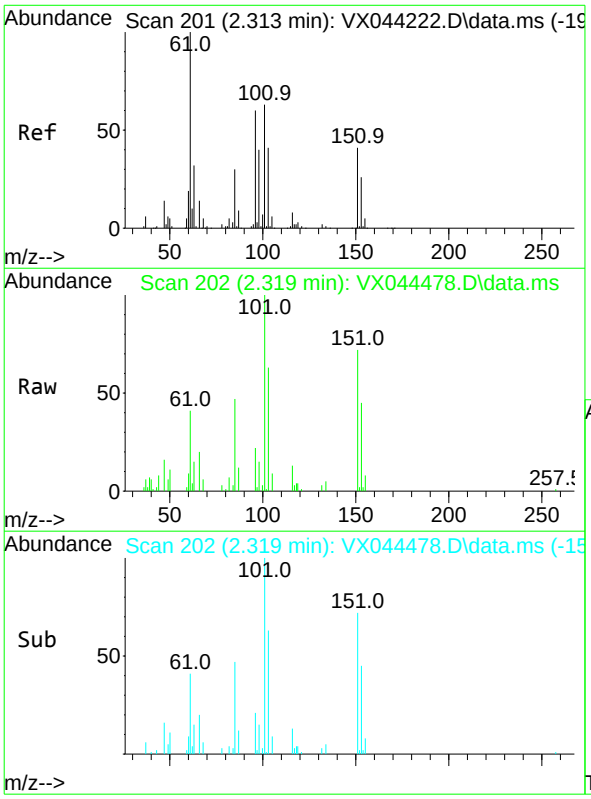
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
Lab File: VX044478.D
Acq: 23 Dec 2024 14:29

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-718-720

Tgt Ion:168 Resp: 132615

Ion	Ratio	Lower	Upper
168	100		
99	61.4	53.4	80.0

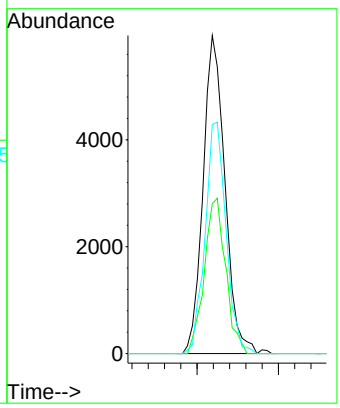


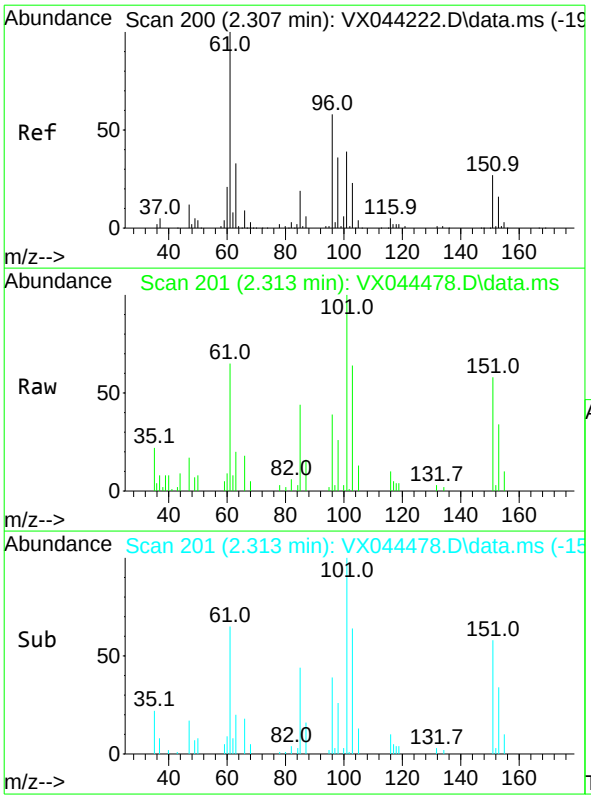


#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.855 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX044478.D
Acq: 23 Dec 2024 14:29

Tgt Ion:101 Resp: 11094

Ion	Ratio	Lower	Upper
101	100		
85	47.8	38.5	57.7
151	70.0	55.8	83.6



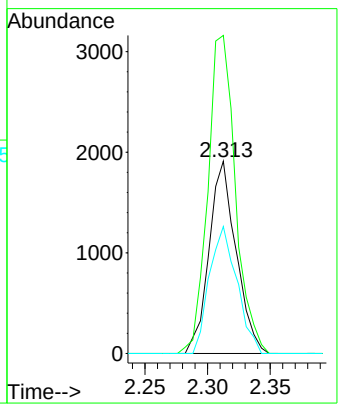


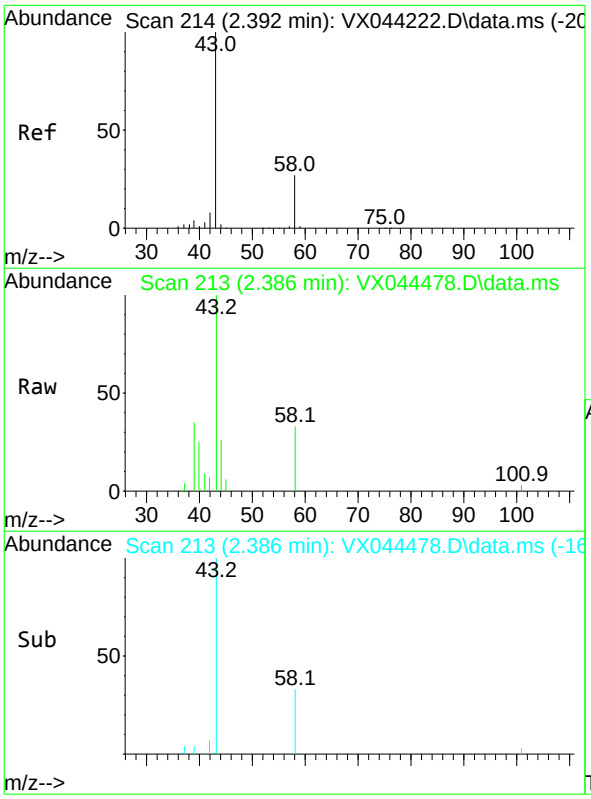
#12
1,1-Dichloroethene
Concen: 1.934 ug/l
RT: 2.313 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX044478.D
Acq: 23 Dec 2024 14:29

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-718-720

Tgt Ion: 96 Resp: 2875

Ion	Ratio	Lower	Upper
96	100		
61	165.4	138.0	207.0
98	66.0	50.0	75.0

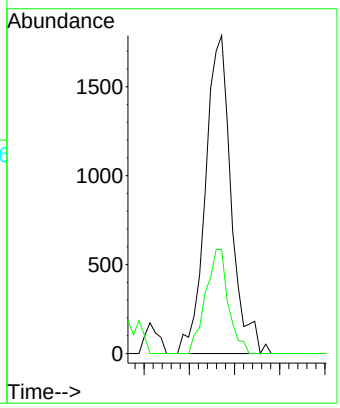


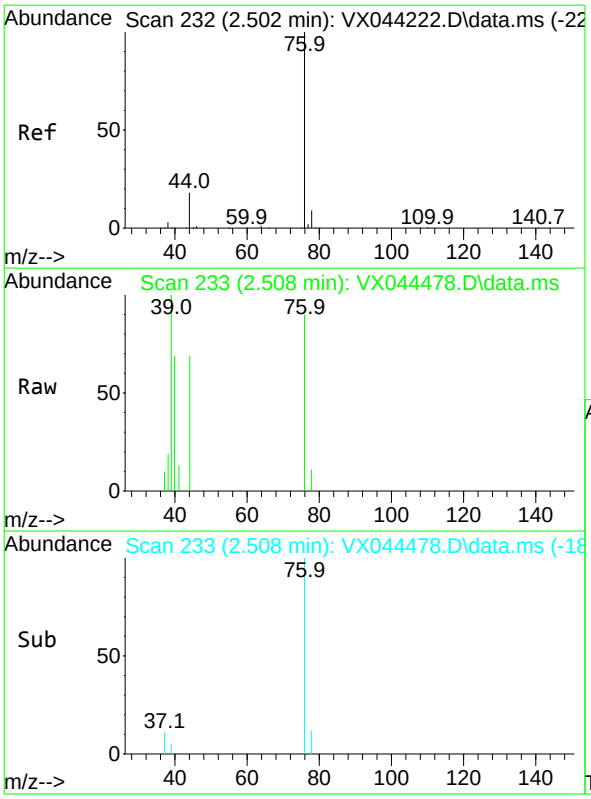


#16
Acetone
Concen: 3.730 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044478.D
Acq: 23 Dec 2024 14:29

Tgt Ion: 43 Resp: 3536

Ion	Ratio	Lower	Upper
43	100		
58	32.7	21.6	32.4#



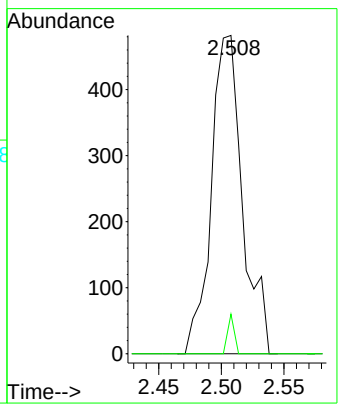


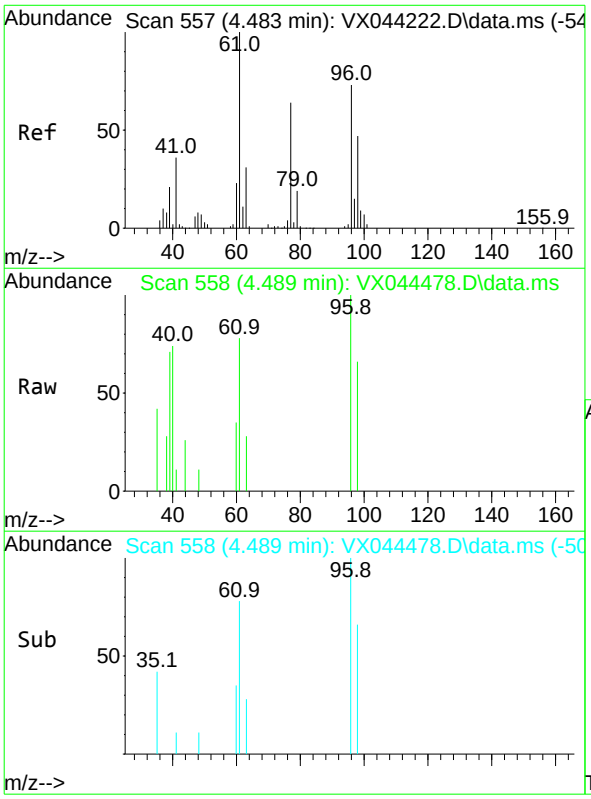
#17
Carbon Disulfide
Concen: 0.295 ug/l
RT: 2.508 min Scan# 23
Delta R.T. 0.006 min
Lab File: VX044478.D
Acq: 23 Dec 2024 14:29

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-718-720

Tgt Ion: 76 Resp: 834

Ion	Ratio	Lower	Upper
76	100		
78	12.4	7.4	11.0#

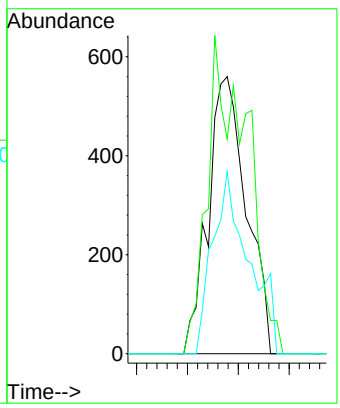


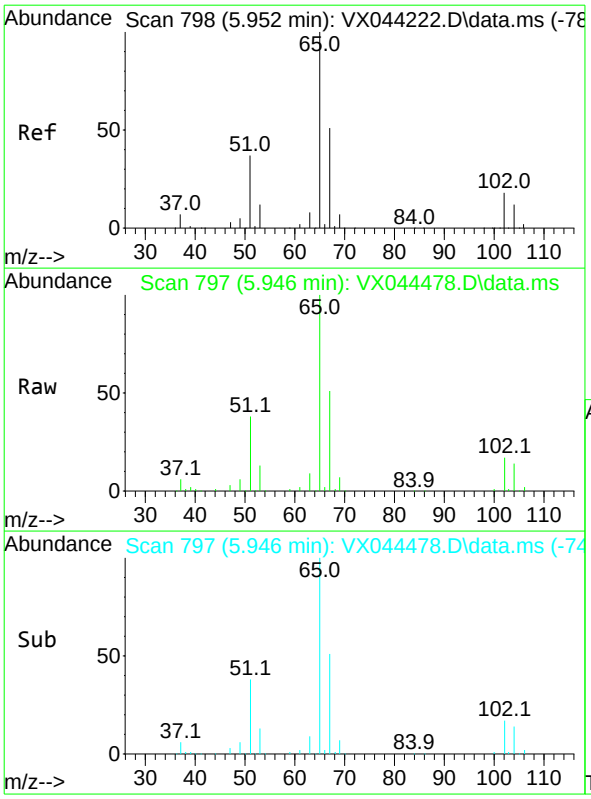


#27
cis-1,2-Dichloroethene
Concen: 0.729 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX044478.D
Acq: 23 Dec 2024 14:29

Tgt Ion: 96 Resp: 1463

Ion	Ratio	Lower	Upper
96	100		
61	58.0	0.0	299.0
98	62.0	0.0	129.0



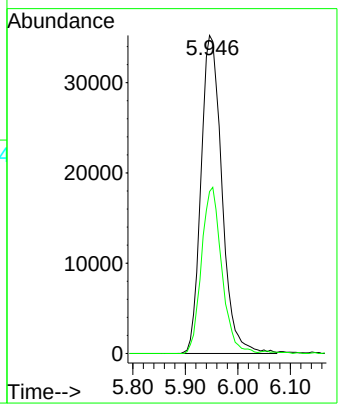


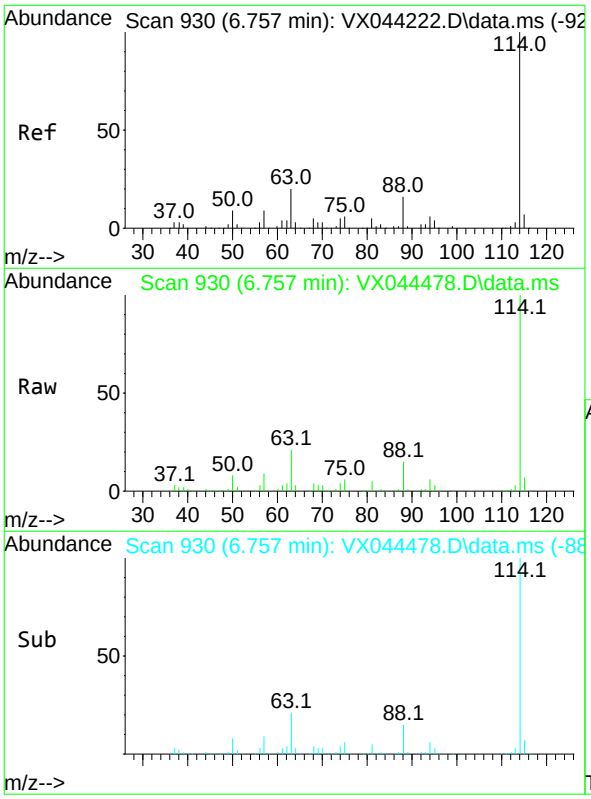
#33
1,2-Dichloroethane-d4
Concen: 41.902 ug/l
RT: 5.946 min Scan# 79
Delta R.T. -0.006 min
Lab File: VX044478.D
Acq: 23 Dec 2024 14:29

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-718-720

Tgt Ion: 65 Resp: 97430

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	101.6

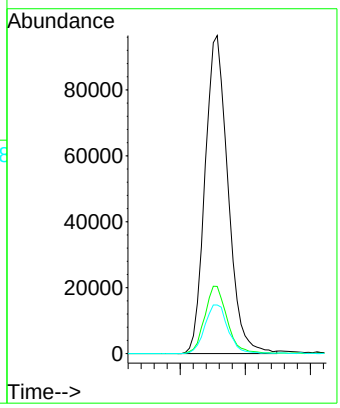


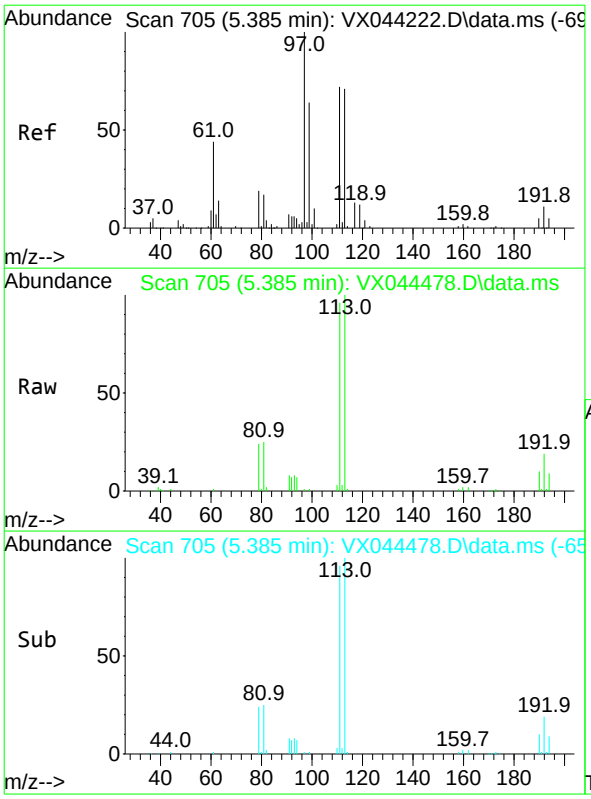


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044478.D
Acq: 23 Dec 2024 14:29

Tgt Ion:114 Resp: 236368

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.6
88	15.3	0.0	31.8



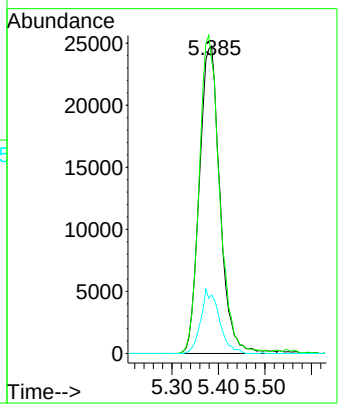


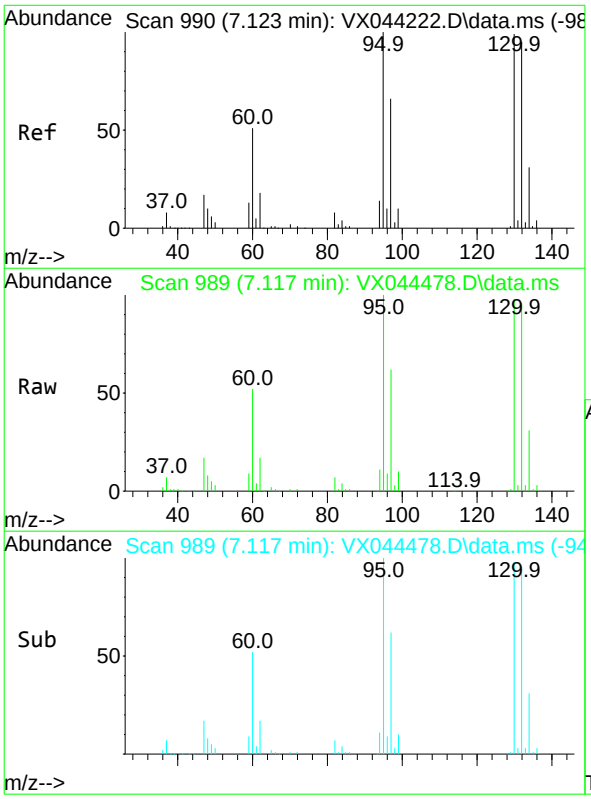
#35
Dibromofluoromethane
Concen: 46.518 ug/l
RT: 5.385 min Scan# 70
Delta R.T. -0.000 min
Lab File: VX044478.D
Acq: 23 Dec 2024 14:29

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-718-720

Tgt Ion:113 Resp: 76153

Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.4	120.6
192	18.7	13.3	19.9

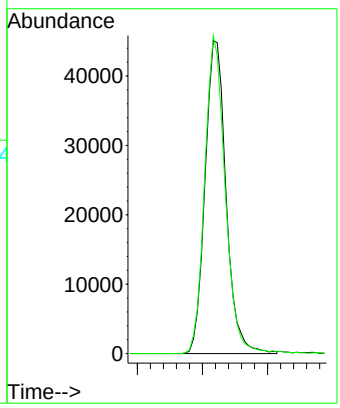


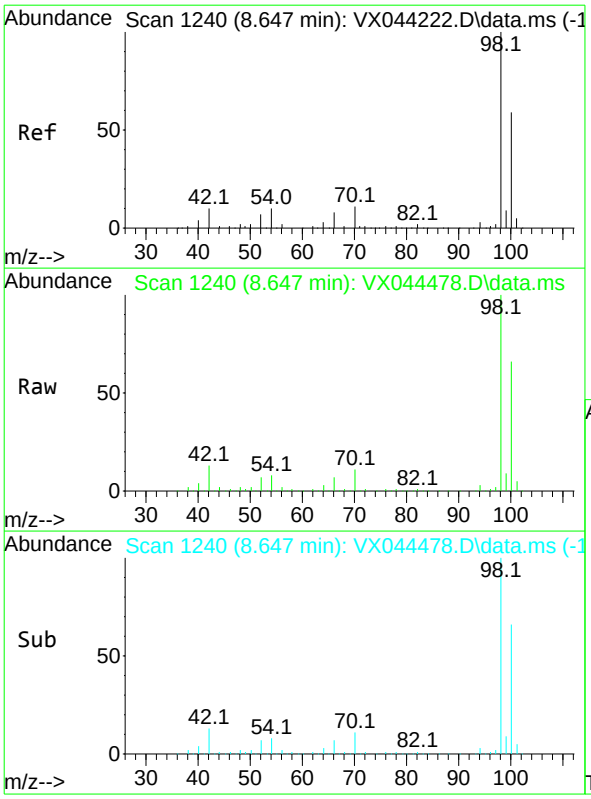


#44
Trichloroethene
Concen: 63.018 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX044478.D
Acq: 23 Dec 2024 14:29

Tgt Ion:130 Resp: 100968

Ion	Ratio	Lower	Upper
130	100		
95	101.6	0.0	201.4



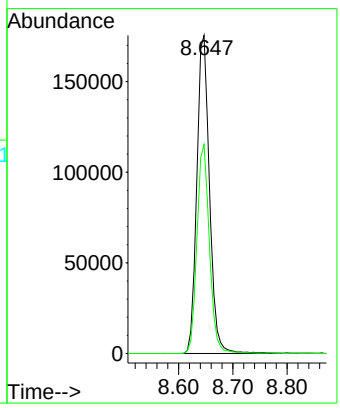


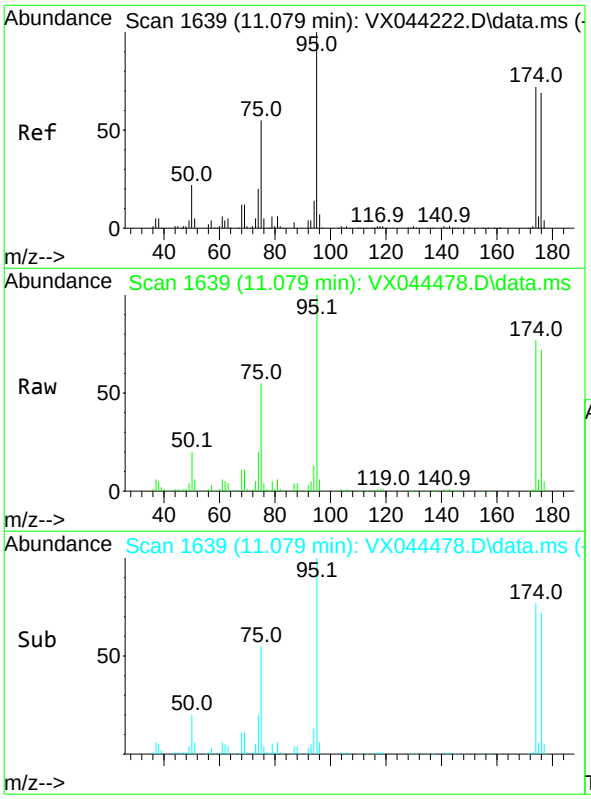
#50
Toluene-d8
Concen: 51.518 ug/l
RT: 8.647 min Scan# 12
Delta R.T. -0.000 min
Lab File: VX044478.D
Acq: 23 Dec 2024 14:29

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-718-720

Tgt Ion: 98 Resp: 284531

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.5	77.3

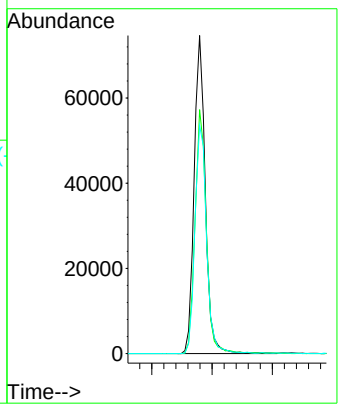


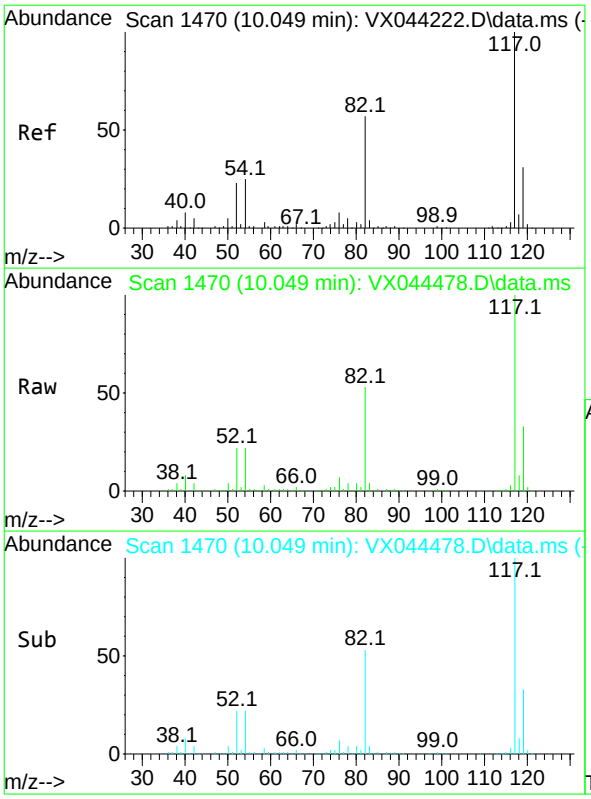


#62
4-Bromofluorobenzene
Concen: 49.694 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044478.D
Acq: 23 Dec 2024 14:29

Tgt Ion: 95 Resp: 95902

Ion	Ratio	Lower	Upper
95	100		
174	77.8	0.0	145.8
176	75.0	0.0	137.8



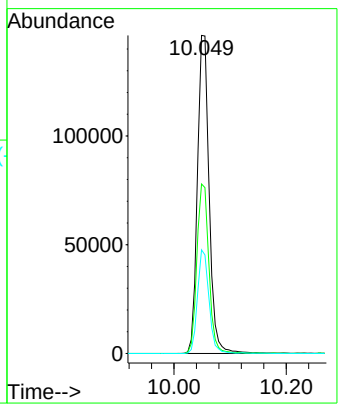


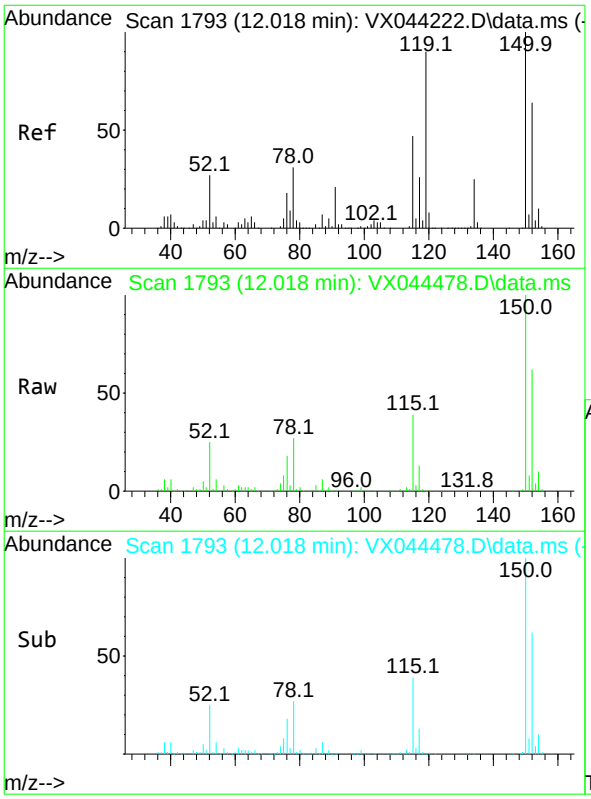
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044478.D
Acq: 23 Dec 2024 14:29

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-718-720

Tgt Ion:117 Resp: 212205

Ion	Ratio	Lower	Upper
117	100		
82	53.3	45.8	68.8
119	32.6	25.0	37.4

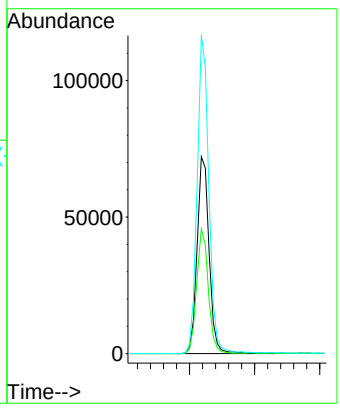




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044478.D
Acq: 23 Dec 2024 14:29

Tgt Ion:152 Resp: 92424

Ion	Ratio	Lower	Upper
152	100		
115	61.3	44.5	133.3
150	157.0	0.0	353.8



Sample Results: **VX044478.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044478.D
Acq On : 23 Dec 2024 14:29
Operator : JC/MD
Sample : P5374-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-718-720

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\82X121124W.M
Title : SW846 8260

Signal : TIC: VX044478.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.142	6	9	12	rBV	8788	8324	1.09%	0.175%
2	1.612	65	86	87	rBV2	20442	81885	10.76%	1.725%
3	2.319	195	202	209	rBV2	34832	69340	9.11%	1.461%
4	5.379	692	704	717	rBV2	85871	262949	34.55%	5.540%
5	5.544	721	731	748	rVV2	139371	408536	53.67%	8.607%
6	5.952	789	798	813	rBV2	101885	272161	35.76%	5.734%
7	6.757	921	930	945	rBV	227377	562201	73.86%	11.844%
8	7.117	981	989	1001	rBV	263659	581325	76.38%	12.247%
9	8.647	1233	1240	1250	rBV	464059	761134	100.00%	16.035%
10	10.049	1465	1470	1485	rBV	460336	666642	87.59%	14.045%
11	11.079	1634	1639	1651	rBV	373183	483238	63.49%	10.181%
12	12.018	1788	1793	1806	rBV	471601	588879	77.37%	12.406%

Sum of corrected areas: 4746614

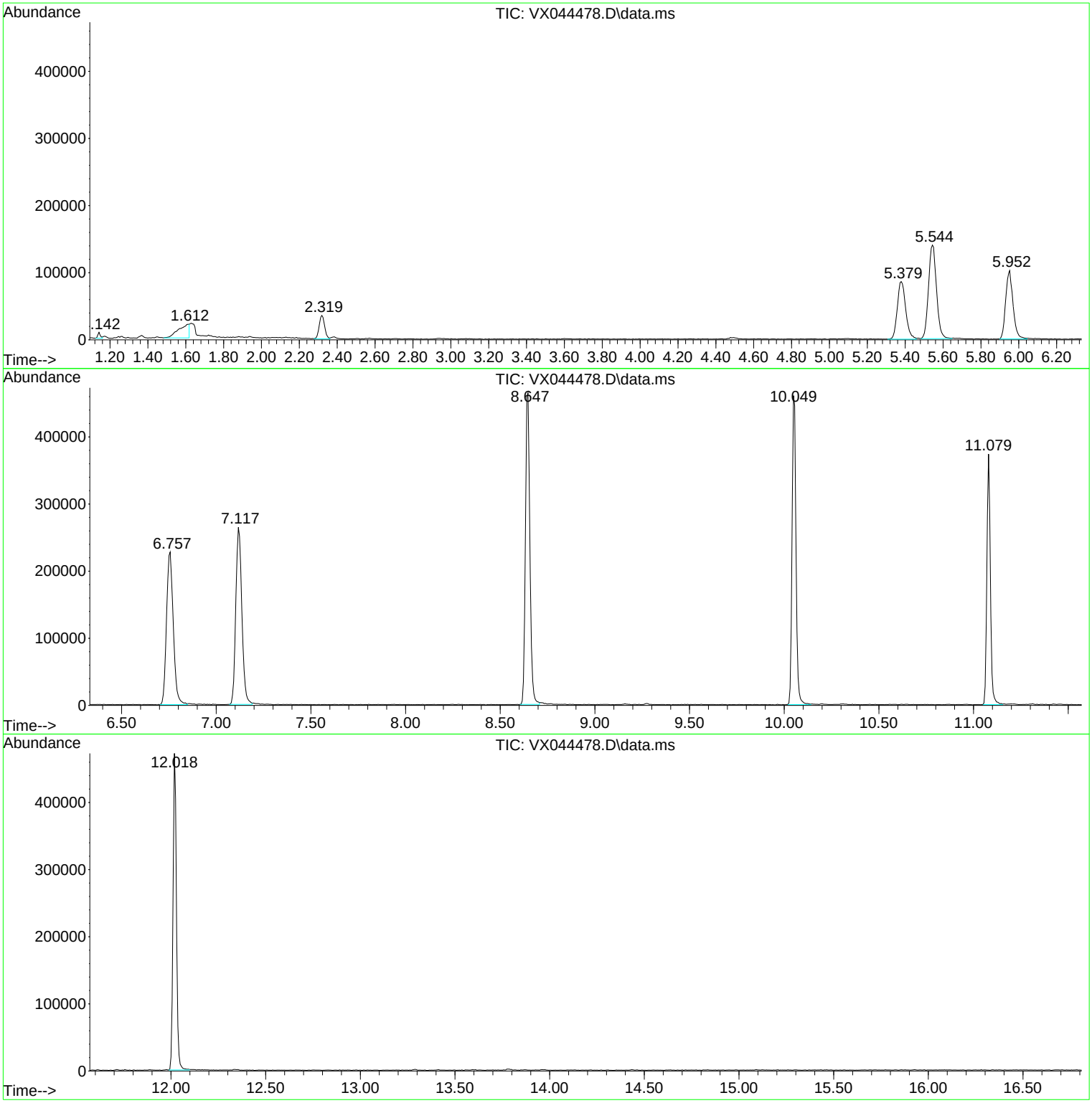
Sample Results: **VX044478.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044478.D
Acq On : 23 Dec 2024 14:29
Operator : JC/MD
Sample : P5374-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-718-720

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044478.D
Acq On : 23 Dec 2024 14:29
Operator : JC/MD
Sample : P5374-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-718-720

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.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\VX122324\
Data File : VX044478.D
Acq On : 23 Dec 2024 14:29
Operator : JC/MD
Sample : P5374-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-718-720

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.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:	12/19/24
Project:	CTO WE13	Date Received:	12/20/24
Client Sample ID:	BP-VPB-190A-GW-748-750	SDG No.:	P5374
Lab Sample ID:	P5374-04	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044481.D	1		12/23/24 15:38	VX122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
74-87-3	Chloromethane	0.50	U	0.35	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.34	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	0.56	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.34	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	12.3		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	5.20		0.26	0.75	1.00	ug/L
67-64-1	Acetone	1.40	J	1.40	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.32	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.32	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.25	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.62	J	0.23	0.50	1.00	ug/L
78-93-3	2-Butanone	2.50	U	1.30	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.72	J	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.20		0.25	0.75	1.00	ug/L
67-66-3	Chloroform	0.45	J	0.26	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.19	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.19	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.16	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.24	0.50	1.00	ug/L
79-01-6	Trichloroethene	130	M	0.32	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.19	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.24	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.75	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.18	0.50	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.21	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.18	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.37	J	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	1.10	2.50	5.00	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:	12/19/24
Project:	CTO WE13	Date Received:	12/20/24
Client Sample ID:	BP-VPB-190A-GW-748-750	SDG No.:	P5374
Lab Sample ID:	P5374-04	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044481.D	1		12/23/24 15:38	VX122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	UQ	0.25	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.13	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.16	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.31	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.14	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.16	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.21	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.13	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.27	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.24	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.27	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50.5		81 - 118		101%	SPK: 50
1868-53-7	Dibromofluoromethane	55.3		80 - 119		111%	SPK: 50
2037-26-5	Toluene-d8	60.1	*	89 - 112		120%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.7		85 - 114		113%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	132000	5.544				
540-36-3	1,4-Difluorobenzene	238000	6.757				
3114-55-4	Chlorobenzene-d5	213000	10.049				
3855-82-1	1,4-Dichlorobenzene-d4	92600	12.018				
TENTATIVE IDENTIFIED COMPOUNDS							
75-43-4	Dichlorofluoromethane	N.D					

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	12/19/24
Project:	CTO WE13	Date Received:	12/20/24
Client Sample ID:	BP-VPB-190A-GW-748-750	SDG No.:	P5374
Lab Sample ID:	P5374-04	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044481.D	1		12/23/24 15:38	VX122324

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\VX122324\
Data File : VX044481.D
Acq On : 23 Dec 2024 15:38
Operator : JC/MD
Sample : P5374-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750

Quant Time: Dec 23 21:58:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

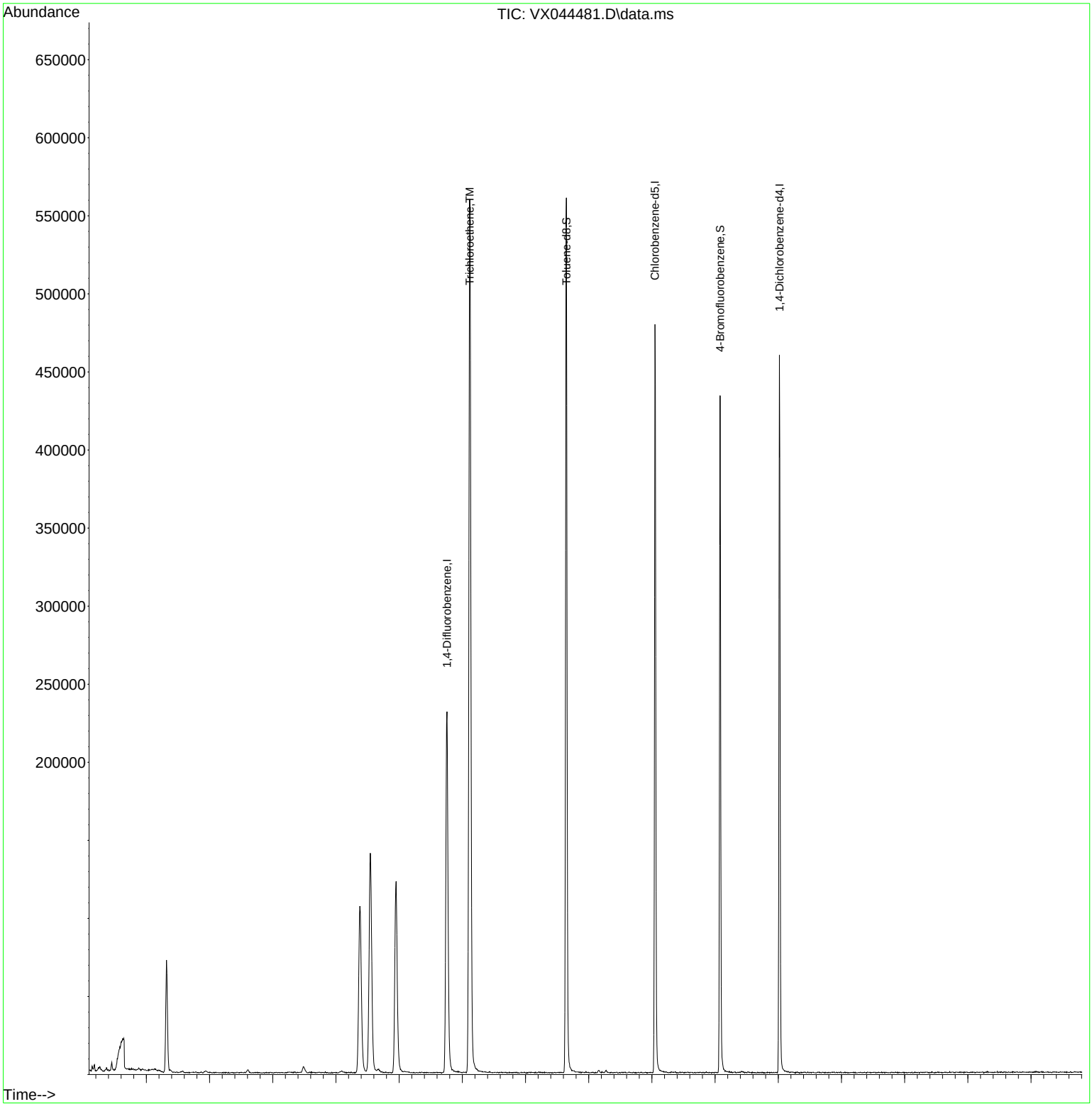
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	132243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	237676	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	212650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	92633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	117110	50.508	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.020%			
35) Dibromofluoromethane	5.379	113	91062	55.319	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.640%			
50) Toluene-d8	8.647	98	333785	60.103	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 120.200%#			
62) 4-Bromofluorobenzene	11.079	95	110042	56.707	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 113.420%			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	19823	12.283	ug/l	95
12) 1,1-Dichloroethene	2.312	96	7751	5.229	ug/l	83
16) Acetone	2.379	43	1316	1.392	ug/l	97
24) 1,1-Dichloroethane	3.605	63	1921	0.620	ug/l #	94
27) cis-1,2-Dichloroethene	4.495	96	2405	1.202	ug/l	88
30) Chloroform	5.092	83	1565	0.449	ug/l	94
38) Carbon Tetrachloride	5.678	117	1647	0.719	ug/l #	82
44) Trichloroethene	7.116	130	216035	134.094	ug/l	99
55) 1,1,2-Trichloroethane	9.159	97	597	0.370	ug/l #	82

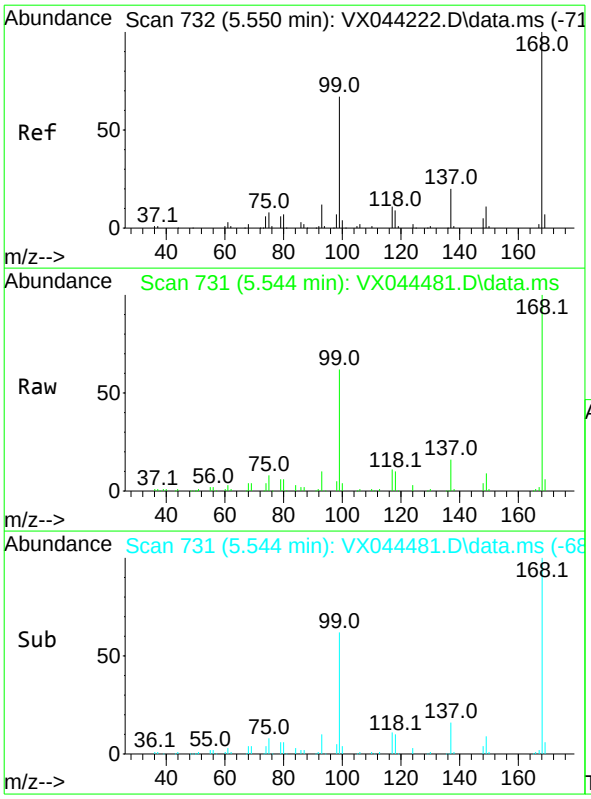
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044481.D
Acq On : 23 Dec 2024 15:38
Operator : JC/MD
Sample : P5374-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750

Quant Time: Dec 23 21:58:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



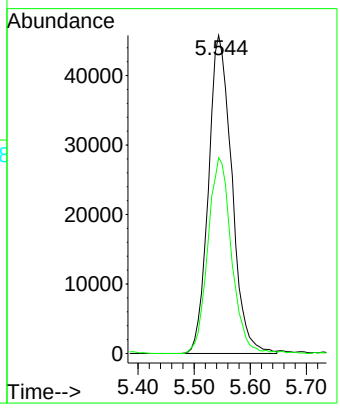


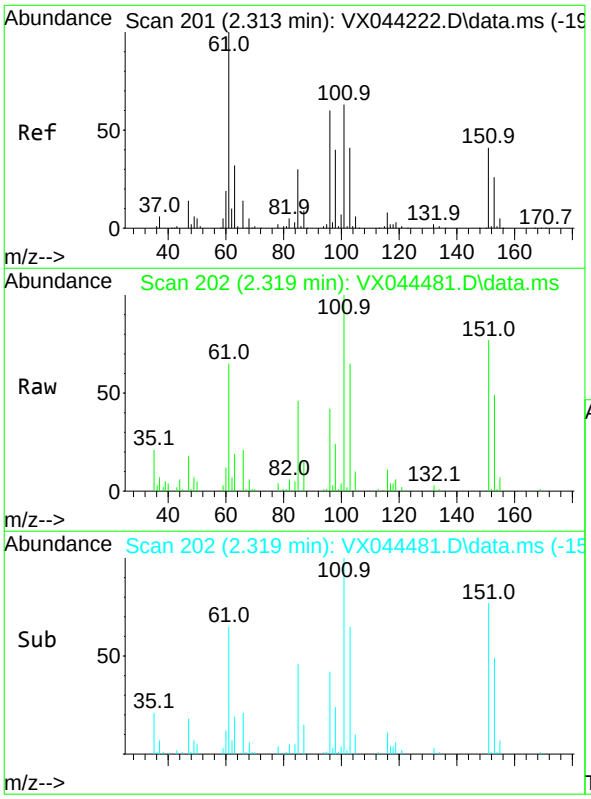
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
Lab File: VX044481.D
Acq: 23 Dec 2024 15:38

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750

Tgt Ion:168 Resp: 132243

Ion	Ratio	Lower	Upper
168	100		
99	61.6	53.4	80.0

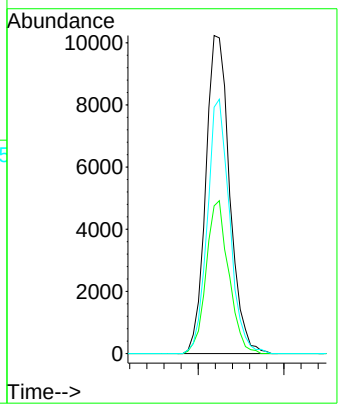


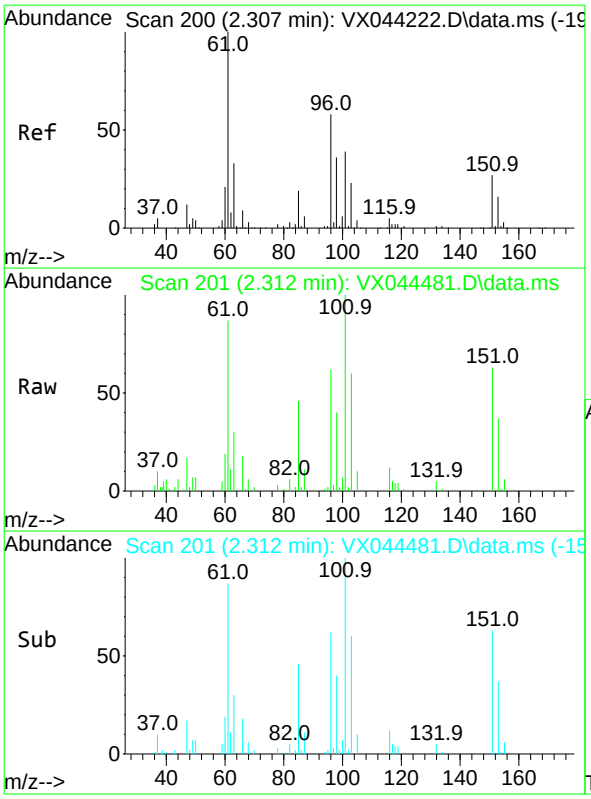


#9
1,1,2-Trichlorotrifluoroethane
Concen: 12.283 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX044481.D
Acq: 23 Dec 2024 15:38

Tgt Ion:101 Resp: 19823

Ion	Ratio	Lower	Upper
101	100		
85	45.4	38.5	57.7
151	74.5	55.8	83.6



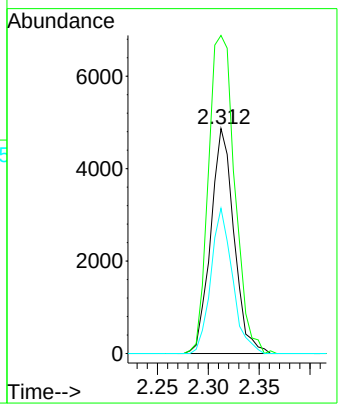


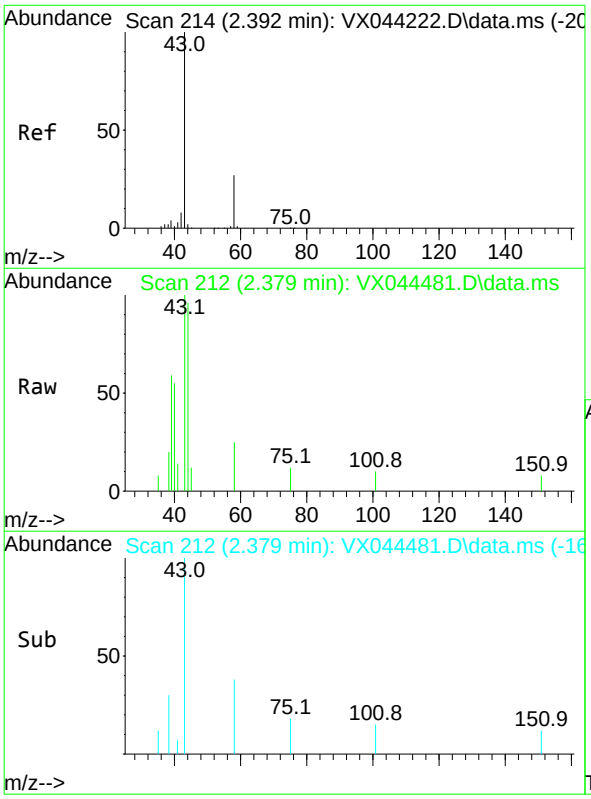
#12
1,1-Dichloroethene
Concen: 5.229 ug/l
RT: 2.312 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX044481.D
Acq: 23 Dec 2024 15:38

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750

Tgt Ion: 96 Resp: 7751

Ion	Ratio	Lower	Upper
96	100		
61	141.4	138.0	207.0
98	64.5	50.0	75.0

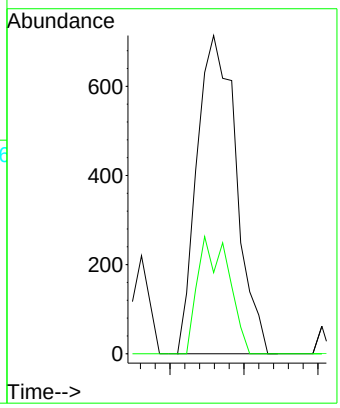


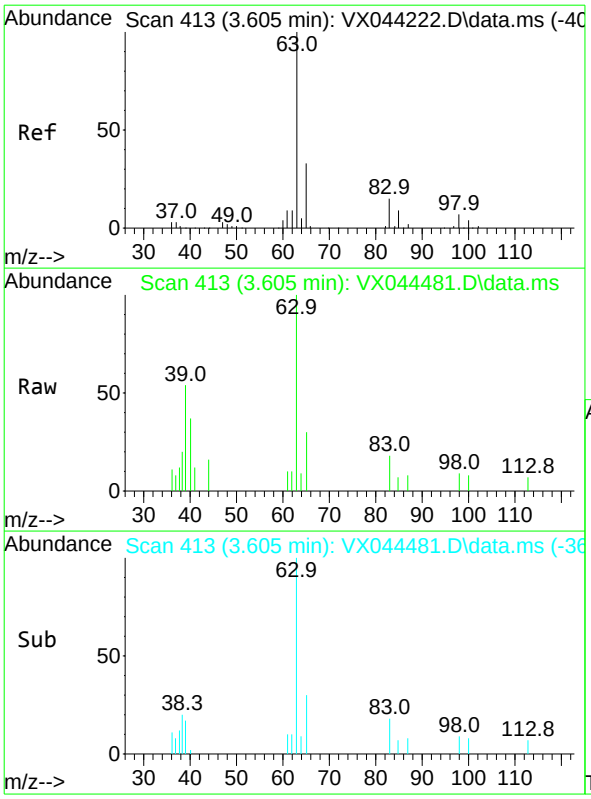


#16
Acetone
Concen: 1.392 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX044481.D
Acq: 23 Dec 2024 15:38

Tgt Ion: 43 Resp: 1316

Ion	Ratio	Lower	Upper
43	100		
58	25.5	21.6	32.4



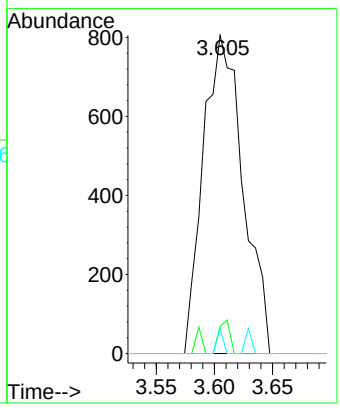


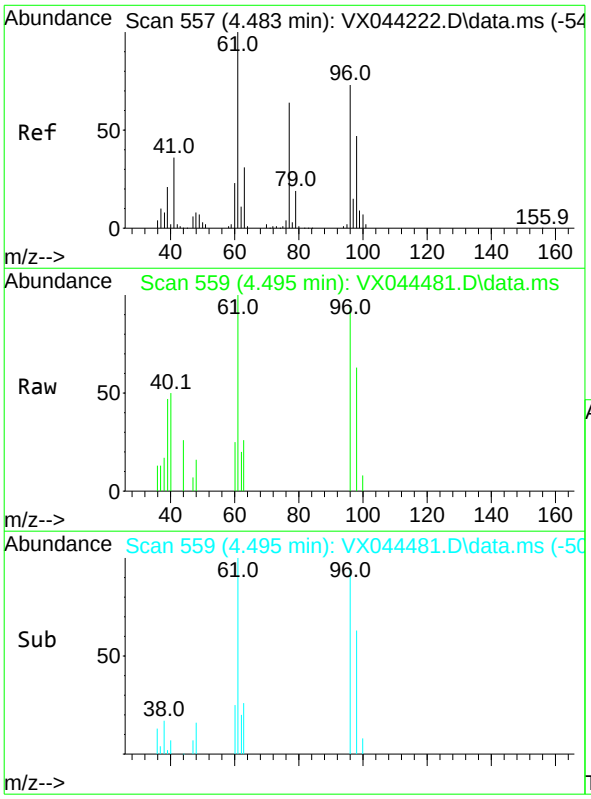
#24
1,1-Dichloroethane
Concen: 0.620 ug/l
RT: 3.605 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX044481.D
Acq: 23 Dec 2024 15:38

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750

Tgt Ion: 63 Resp: 1921

Ion	Ratio	Lower	Upper
63	100		
98	8.6	3.6	10.8
100	7.7	2.1	6.3#

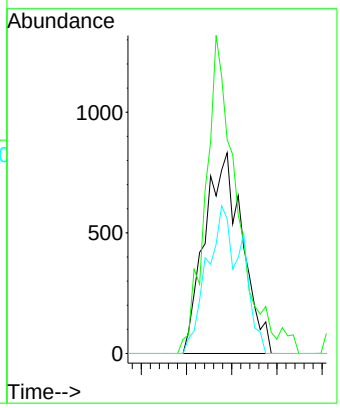


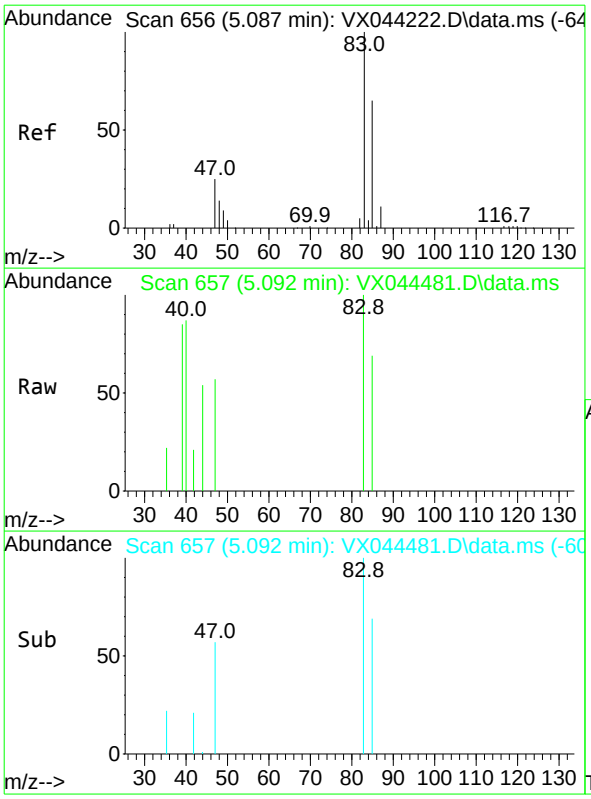


#27
cis-1,2-Dichloroethene
Concen: 1.202 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.012 min
Lab File: VX044481.D
Acq: 23 Dec 2024 15:38

Tgt Ion: 96 Resp: 2405

Ion	Ratio	Lower	Upper
96	100		
61	129.4	0.0	299.0
98	68.0	0.0	129.0



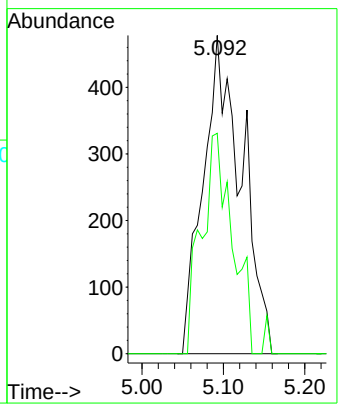


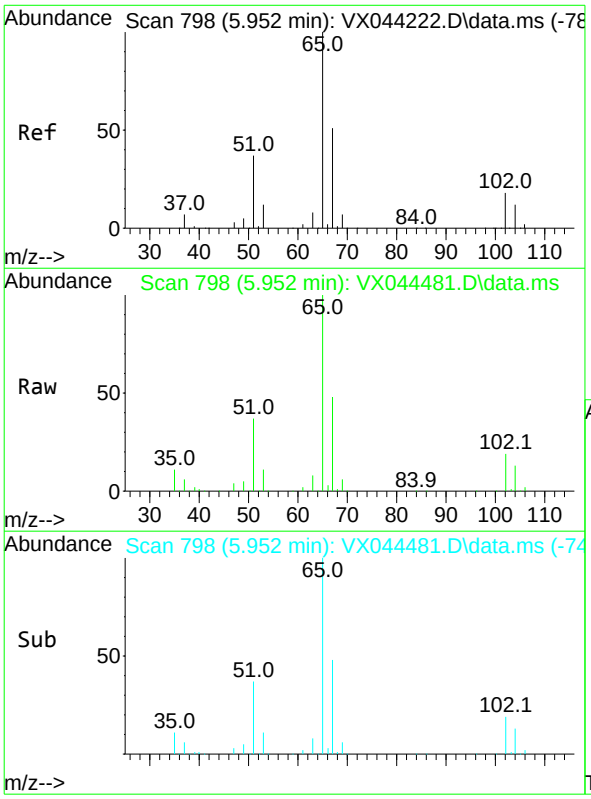
#30
Chloroform
Concen: 0.449 ug/l
RT: 5.092 min Scan# 65
Delta R.T. 0.006 min
Lab File: VX044481.D
Acq: 23 Dec 2024 15:38

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750

Tgt Ion: 83 Resp: 1565

Ion	Ratio	Lower	Upper
83	100		
85	69.2	51.6	77.4

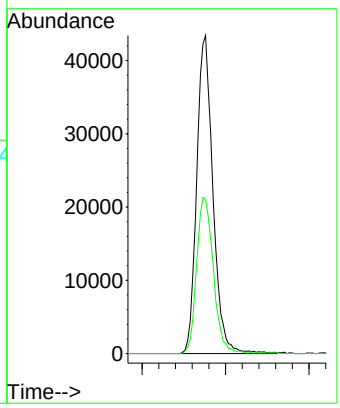


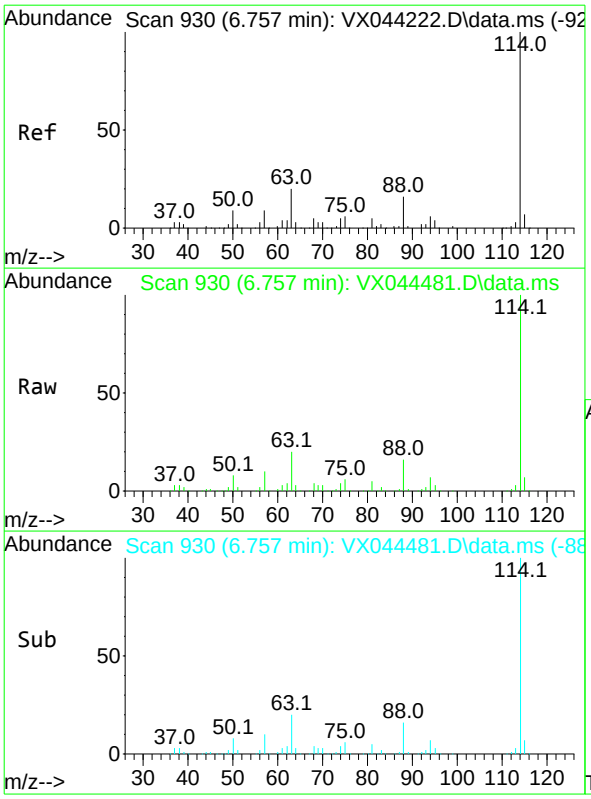


#33
1,2-Dichloroethane-d4
Concen: 50.508 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044481.D
Acq: 23 Dec 2024 15:38

Tgt Ion: 65 Resp: 117110

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	101.6



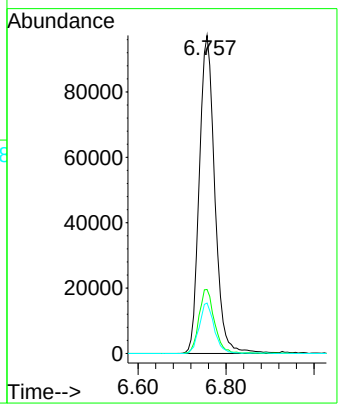


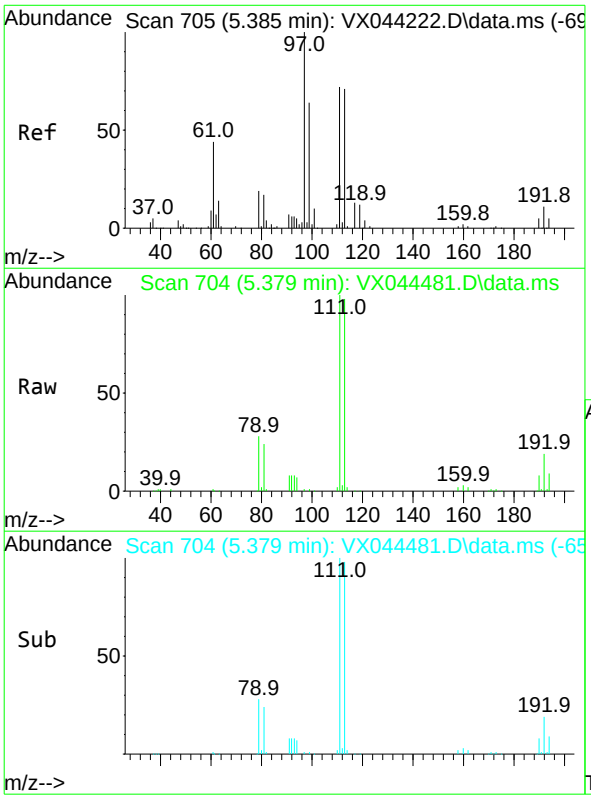
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 93
Delta R.T. -0.000 min
Lab File: VX044481.D
Acq: 23 Dec 2024 15:38

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750

Tgt Ion:114 Resp: 237676

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.6
88	15.8	0.0	31.8

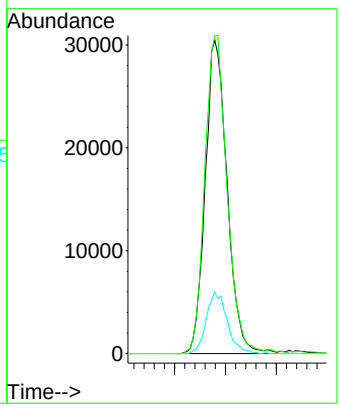


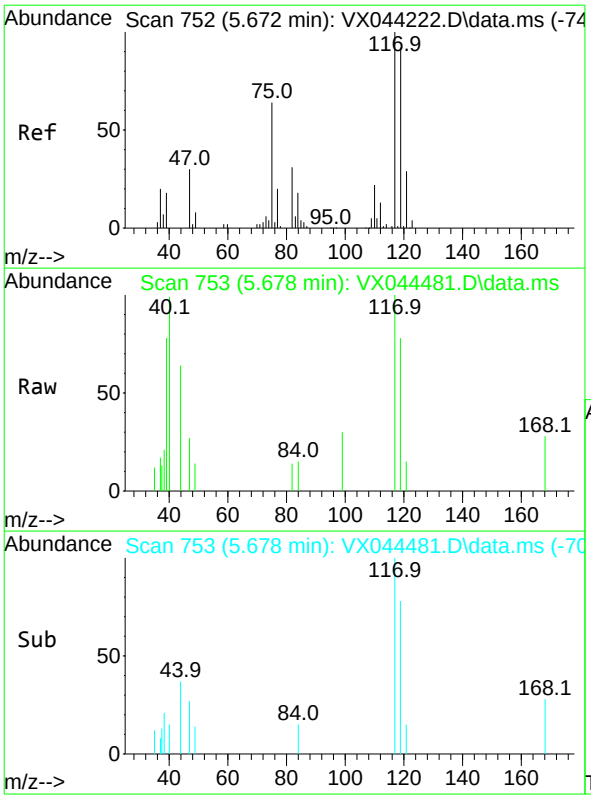


#35
Dibromofluoromethane
Concen: 55.319 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044481.D
Acq: 23 Dec 2024 15:38

Tgt Ion:113 Resp: 91062

Ion	Ratio	Lower	Upper
113	100		
111	102.8	80.4	120.6
192	18.7	13.3	19.9



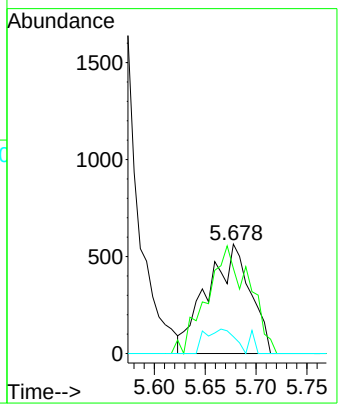


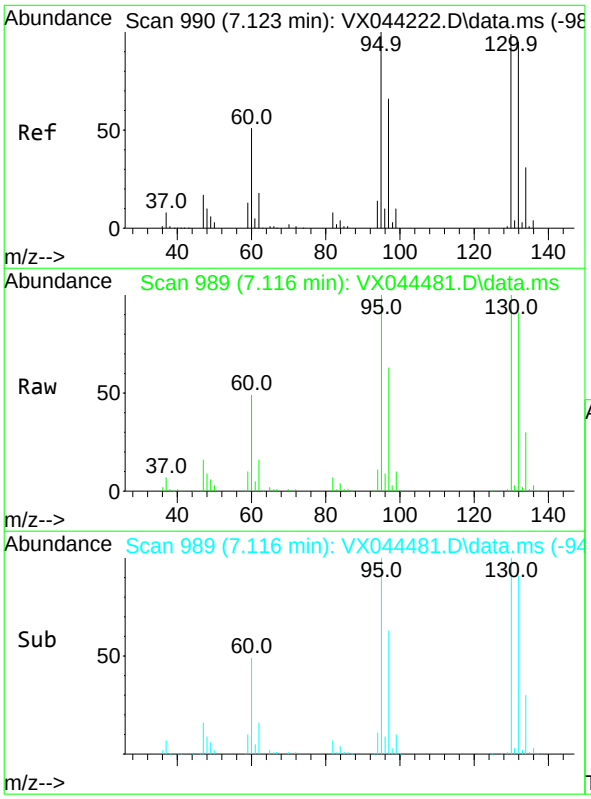
#38
Carbon Tetrachloride
Concen: 0.719 ug/l
RT: 5.678 min Scan# 75
Delta R.T. 0.006 min
Lab File: VX044481.D
Acq: 23 Dec 2024 15:38

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750

Tgt Ion:117 Resp: 1647

Ion	Ratio	Lower	Upper
117	100		
119	77.8	74.2	111.4
121	15.4	23.0	34.6#

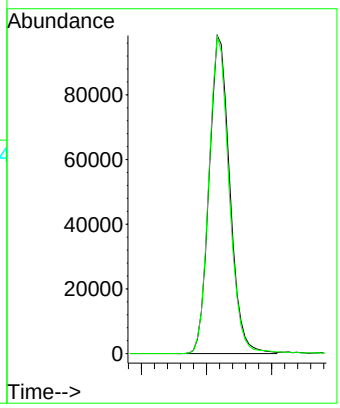


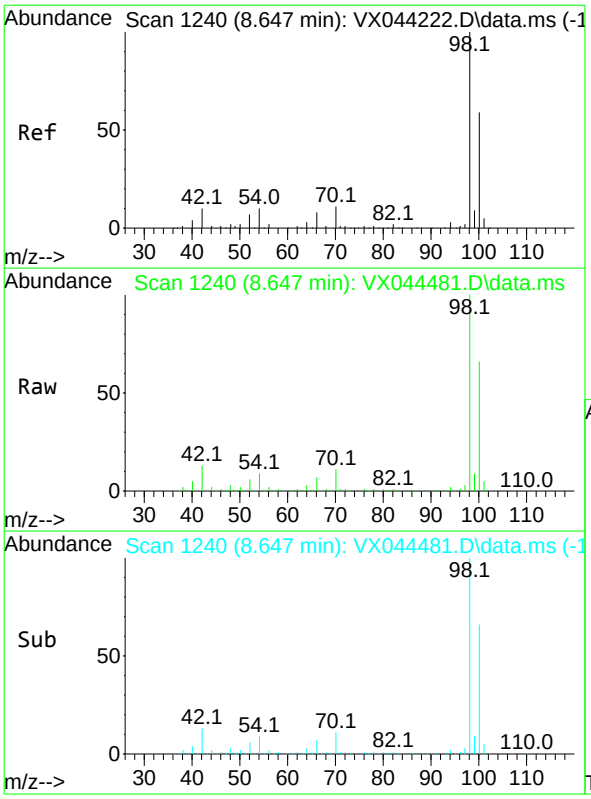


#44
Trichloroethene
Concen: 134.094 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX044481.D
Acq: 23 Dec 2024 15:38

Tgt Ion:130 Resp: 216035

Ion	Ratio	Lower	Upper
130	100		
95	99.8	0.0	201.4



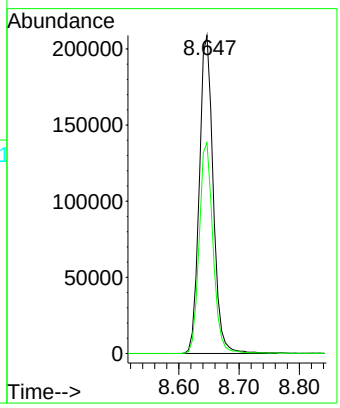


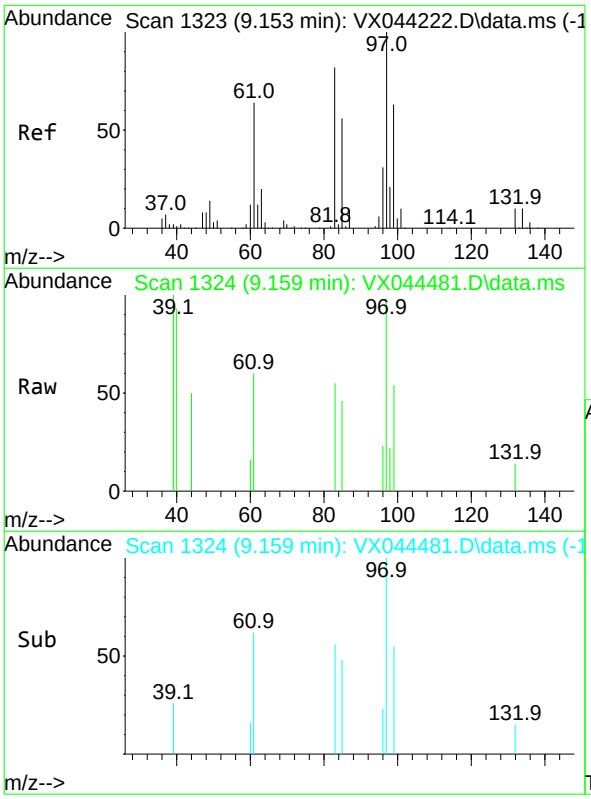
#50
Toluene-d8
Concen: 60.103 ug/l
RT: 8.647 min Scan# 12
Delta R.T. -0.000 min
Lab File: VX044481.D
Acq: 23 Dec 2024 15:38

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750

Tgt Ion: 98 Resp: 333785

Ion	Ratio	Lower	Upper
98	100		
100	65.8	51.5	77.3

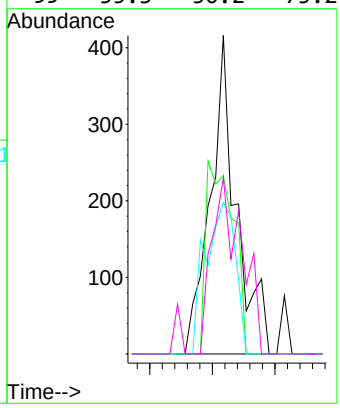


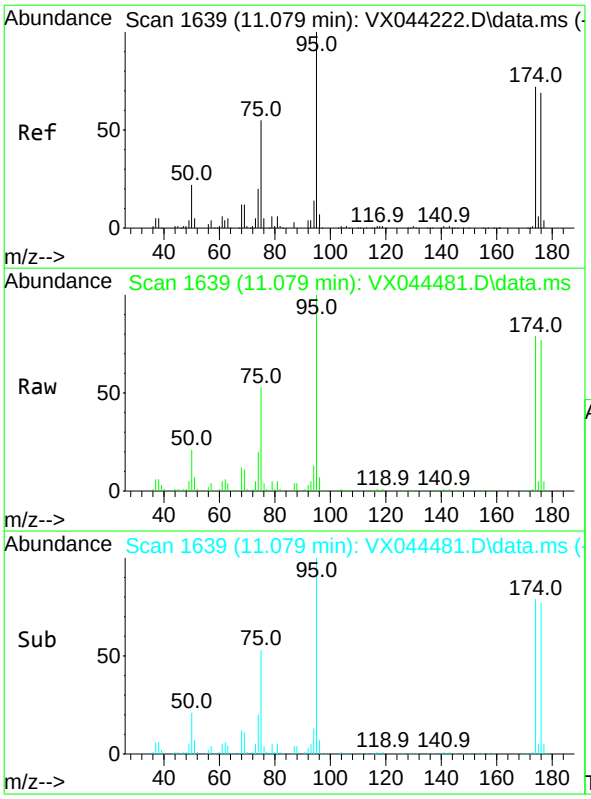


#55
1,1,2-Trichloroethane
Concen: 0.370 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX044481.D
Acq: 23 Dec 2024 15:38

Tgt Ion: 97 Resp: 597

Ion	Ratio	Lower	Upper
97	100		
83	56.0	65.3	97.9#
85	47.6	44.6	67.0
99	55.3	50.2	75.2



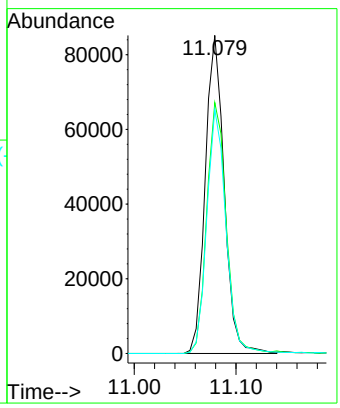


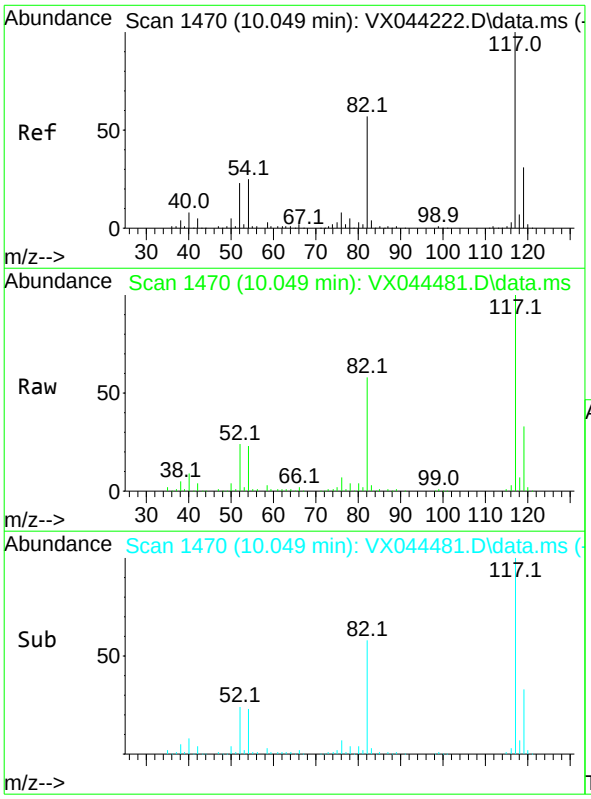
#62
4-Bromofluorobenzene
Concen: 56.707 ug/l
RT: 11.079 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX044481.D
Acq: 23 Dec 2024 15:38

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750

Tgt Ion: 95 Resp: 110042

Ion	Ratio	Lower	Upper
95	100		
174	81.8	0.0	145.8
176	78.1	0.0	137.8

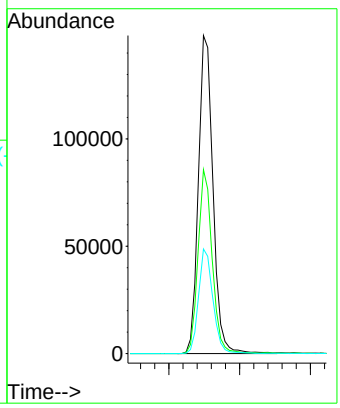


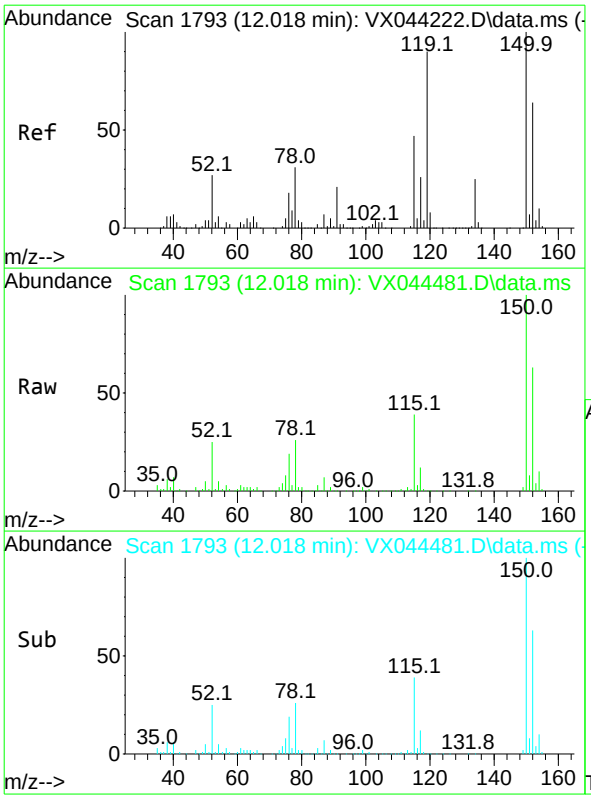


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044481.D
Acq: 23 Dec 2024 15:38

Tgt Ion:117 Resp: 212650

Ion	Ratio	Lower	Upper
117	100		
82	57.8	45.8	68.8
119	32.9	25.0	37.4



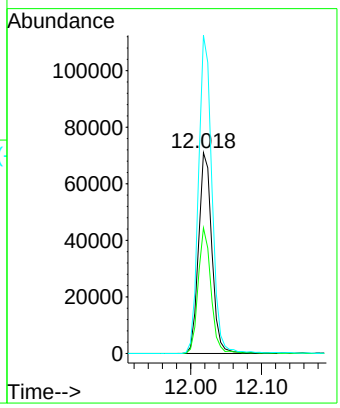


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044481.D
Acq: 23 Dec 2024 15:38

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750

Tgt Ion:152 Resp: 92633

Ion	Ratio	Lower	Upper
152	100		
115	60.5	44.5	133.3
150	159.7	0.0	353.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044481.D
Acq On : 23 Dec 2024 15:38
Operator : JC/MD
Sample : P5374-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750

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\82X121124W.M
Title : SW846 8260

Signal : TIC: VX044481.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.624	66	88	90	rBV4	20306	98060	7.84%	1.681%
2	2.319	194	202	209	rBV2	72041	134929	10.79%	2.313%
3	5.379	692	704	720	rBV2	106866	318680	25.49%	5.463%
4	5.544	720	731	747	rVV2	139765	404315	32.34%	6.931%
5	5.952	788	798	816	rBV2	122599	330987	26.47%	5.674%
6	6.757	921	930	943	rBV	231017	557076	44.55%	9.550%
7	7.116	980	989	1008	rBV	559637	1250329	100.00%	21.435%
8	8.647	1232	1240	1254	rBV	560404	910142	72.79%	15.603%
9	10.049	1465	1470	1483	rBV	479141	672509	53.79%	11.529%
10	11.079	1634	1639	1652	rBV	433549	565084	45.19%	9.687%
11	12.018	1788	1793	1807	rBV	459694	591064	47.27%	10.133%

Sum of corrected areas: 5833175

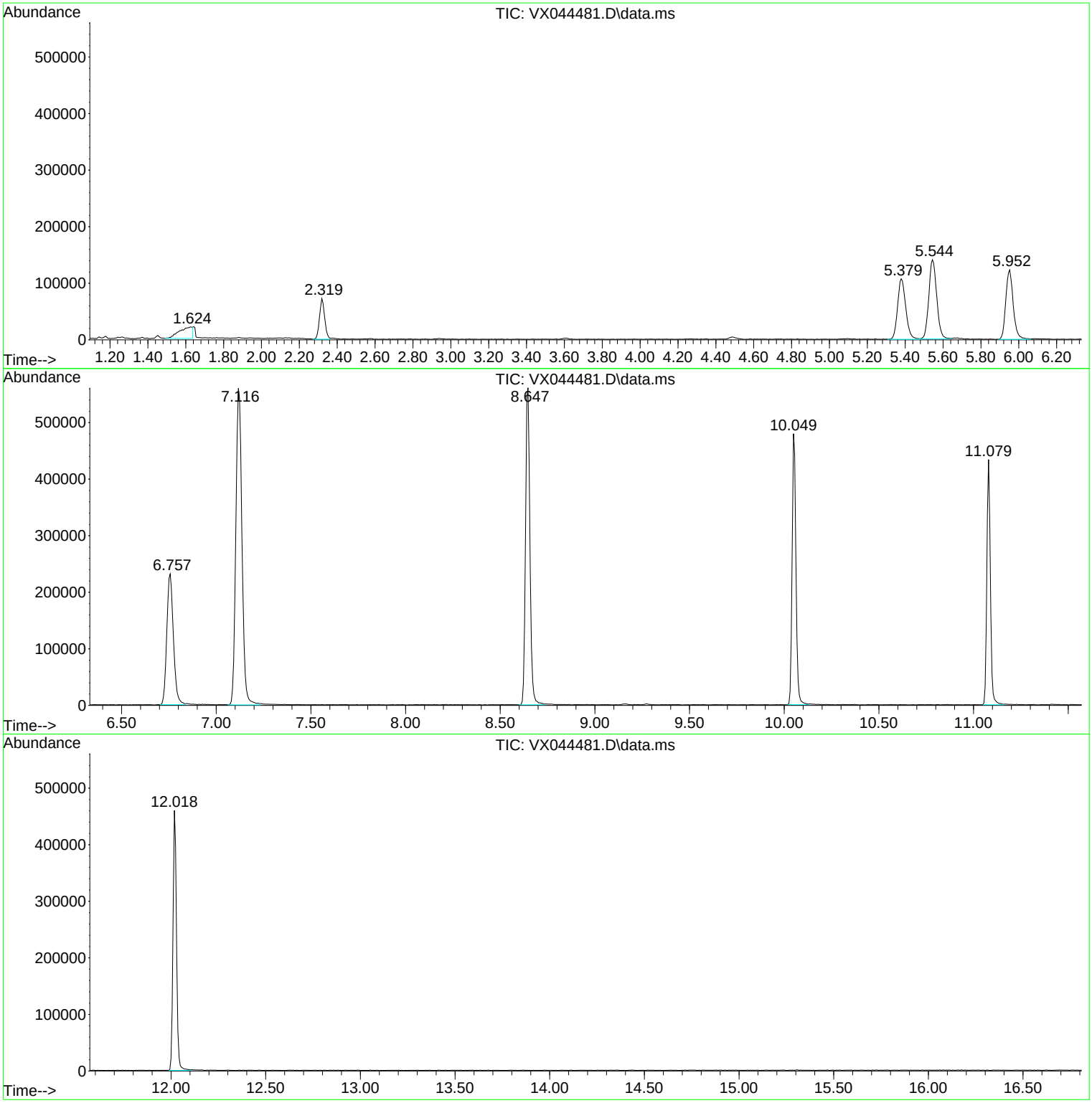
Sample Results: **VX044481.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044481.D
Acq On : 23 Dec 2024 15:38
Operator : JC/MD
Sample : P5374-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044481.D
Acq On : 23 Dec 2024 15:38
Operator : JC/MD
Sample : P5374-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.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\VX122324\
Data File : VX044481.D
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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.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

CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: P5374 SAS No.: P5374 SDG No.: P5374

Instrument ID: MSVOA_X Calibration Date(s): 12/11/2024 12/11/2024

Heated Purge: (Y/N) N Calibration Time(s): 10:41 13:00

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

LAB FILE ID: RRF001 = VX044219.D RRF005 = VX044220.D RRF020 = VX044221.D
RRF050 = VX044222.D RRF100 = VX044223.D RRF150 = VX044224.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Chloromethane	0.743	0.747	0.735	0.756	0.715	0.740	0.739	1.8
Vinyl Chloride	0.805	0.790	0.782	0.786	0.722	0.737	0.770	4.3
Bromomethane		0.590	0.513	0.551	0.529	0.548	0.546	5.3
Chloroethane	0.464	0.520	0.515	0.532	0.422	0.426	0.480	10.2
Trichlorofluoromethane	1.582	1.519	1.514	1.541	1.478	1.414	1.508	3.8
1,1,2-Trichlorotrifluoroethane	0.633	0.628	0.592	0.615	0.573	0.620	0.610	3.8
1,1-Dichloroethene	0.512	0.560	0.544	0.596	0.554	0.596	0.560	5.7
Acetone	0.359	0.353	0.331	0.381	0.348	0.372	0.357	5
Carbon Disulfide	0.841	0.872	0.937	1.150	1.230	1.362	1.065	20
Methyl tert-butyl Ether	2.054	2.188	2.127	2.305	2.170	2.279	2.187	4.3
Methylene Chloride	0.679	0.678	0.666	0.689	0.648	0.668	0.671	2.1
trans-1,2-Dichloroethene	0.600	0.556	0.577	0.619	0.595	0.626	0.596	4.4
1,1-Dichloroethane	1.071	1.173	1.154	1.244	1.171	1.218	1.172	5.1
2-Butanone	0.449	0.491	0.510	0.548	0.509	0.541	0.508	7.1
Carbon Tetrachloride	0.484	0.443	0.432	0.501	0.502	0.529	0.482	7.8
cis-1,2-Dichloroethene	0.809	0.737	0.728	0.772	0.731	0.762	0.756	4.1
Chloroform	1.389	1.312	1.272	1.343	1.272	1.310	1.316	3.4
1,1,1-Trichloroethane	0.993	1.019	1.077	1.176	1.119	1.173	1.093	7.1
Methylcyclohexane	0.514	0.503	0.527	0.555	0.550	0.562	0.535	4.5
Benzene	1.353	1.353	1.332	1.410	1.353	1.353	1.359	1.9
1,2-Dichloroethane	0.554	0.557	0.545	0.584	0.556	0.564	0.560	2.4
Trichloroethene	0.356	0.325	0.325	0.349	0.337	0.342	0.339	3.8
1,2-Dichloropropane	0.368	0.345	0.330	0.357	0.341	0.342	0.347	3.8
Bromodichloromethane	0.380	0.411	0.436	0.508	0.518	0.538	0.465	13.9
4-Methyl-2-Pentanone	0.506	0.551	0.547	0.590	0.561	0.582	0.556	5.4
Toluene	0.908	0.830	0.816	0.877	0.841	0.849	0.853	4
t-1,3-Dichloropropene	0.338	0.357	0.439	0.514	0.526	0.558	0.455	20.3
cis-1,3-Dichloropropene	0.404	0.441	0.488	0.567	0.558	0.583	0.507	14.6
1,1,2-Trichloroethane	0.337	0.332	0.335	0.358	0.334	0.340	0.339	2.8
2-Hexanone	0.323	0.386	0.408	0.439	0.420	0.438	0.403	10.8

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

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: P5374 SAS No.: P5374 SDG No.: P5374

Instrument ID: MSVOA_X Calibration Date(s): 12/11/2024 12/11/2024

Heated Purge: (Y/N) N Calibration Time(s): 10:41 13:00

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

LAB FILE ID: RRF001 = VX044219.D RRF005 = VX044220.D RRF020 = VX044221.D
RRF050 = VX044222.D RRF100 = VX044223.D RRF150 = VX044224.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dibromochloromethane	0.254	0.248	0.306	0.370	0.378	0.398	0.326	20.2
Tetrachloroethene	0.359	0.354	0.317	0.321	0.312	0.327	0.332	6
Chlorobenzene	1.130	1.068	1.039	1.088	1.036	1.067	1.071	3.3
Ethyl Benzene	1.853	1.806	1.816	1.927	1.831	1.875	1.851	2.4
m/p-Xylenes	0.653	0.660	0.665	0.707	0.683	0.707	0.679	3.5
o-Xylene	0.686	0.683	0.685	0.703	0.671	0.697	0.687	1.6
Styrene	1.007	1.019	1.099	1.162	1.148	1.177	1.102	6.7
Bromoform	0.137	0.173	0.194	0.247	0.269	0.297	0.219	28
Isopropylbenzene	3.665	3.976	3.920	3.912	3.747	3.747	3.828	3.2
1,1,2,2-Tetrachloroethane	1.410	1.350	1.332	1.336	1.256	1.293	1.329	3.9
1,3-Dichlorobenzene	1.519	1.634	1.640	1.683	1.625	1.628	1.621	3.3
1,4-Dichlorobenzene	1.811	1.640	1.632	1.672	1.621	1.623	1.667	4.4
1,2-Dichlorobenzene	1.745	1.666	1.668	1.726	1.654	1.643	1.684	2.5
1,2-Dichloroethane-d4		0.934	0.778	0.921	0.862	0.888	0.877	7.1
Dibromofluoromethane		0.353	0.298	0.367	0.360	0.354	0.346	8
Toluene-d8		1.148	1.010	1.251	1.229	1.203	1.168	8.3
4-Bromofluorobenzene		0.390	0.351	0.442	0.432	0.426	0.408	9.2

* 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.

Response Factor Report MSVOA_X

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X121124W.M
Title : SW846 8260
Last Update : Thu Dec 12 04:28:14 2024
Response Via : Initial Calibration

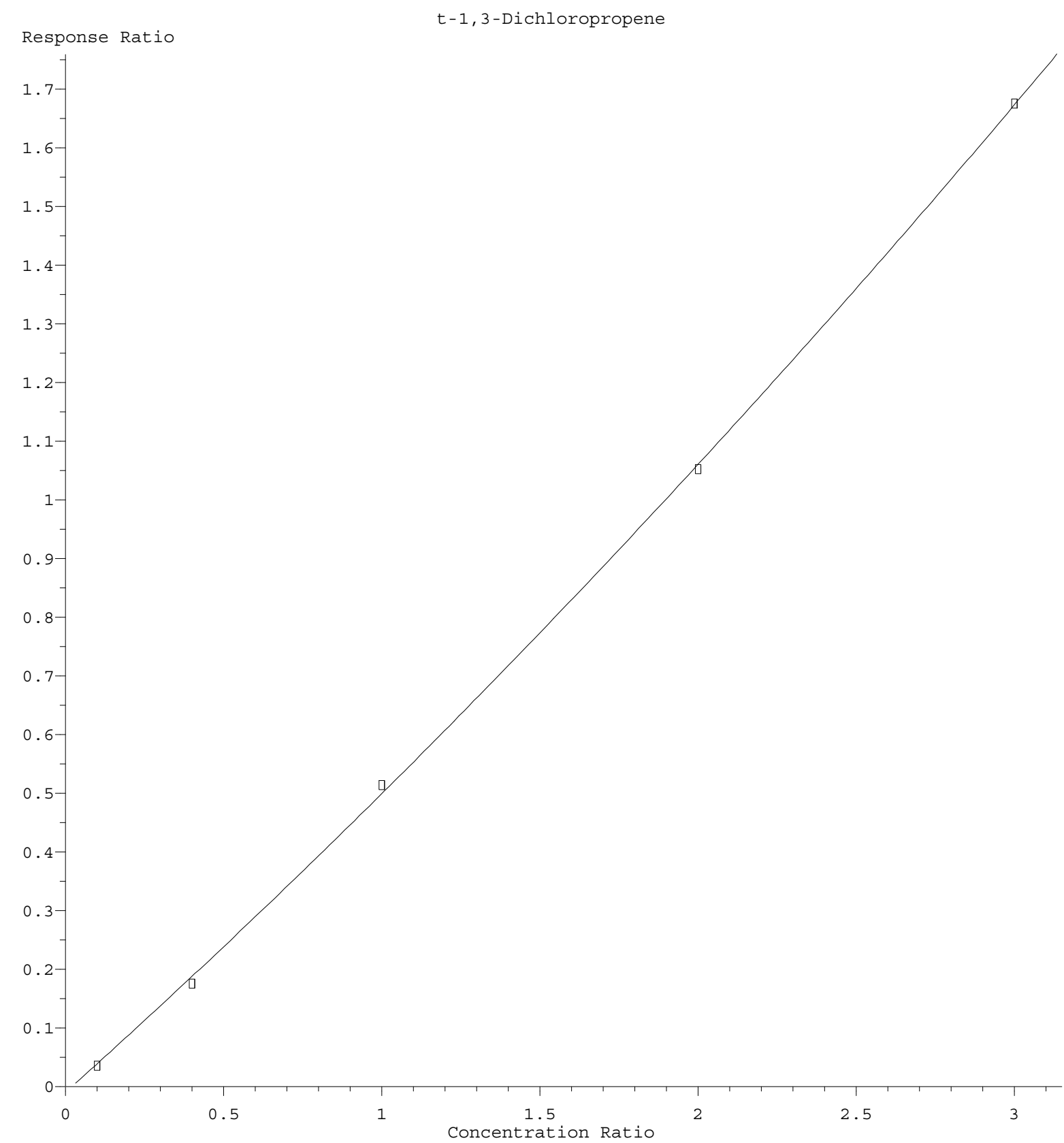
Calibration Files
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		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.877	0.749	0.721	0.788	0.745	0.759	0.773	7.19
3)	P	Chloromethane	0.743	0.747	0.735	0.756	0.715	0.740	0.739	1.83
4)	C	Vinyl Chloride	0.805	0.790	0.782	0.786	0.722	0.737	0.770	4.31#
5)	T	Bromomethane		0.590	0.513	0.551	0.529	0.548	0.546	5.26
6)	T	Chloroethane	0.464	0.520	0.515	0.532	0.422	0.426	0.480	10.21
7)	T	Trichlorofluor...	1.582	1.519	1.514	1.541	1.478	1.414	1.508	3.80
8)	T	Diethyl Ether	0.582	0.516	0.481	0.513	0.477	0.520	0.515	7.30
9)	T	1,1,2-Trichlor...	0.633	0.628	0.592	0.615	0.573	0.620	0.610	3.76
10)	T	Methyl Iodide		0.793	0.796	0.847	0.782	0.803	0.804	3.13
11)	T	Tert butyl alc...		0.103	0.111	0.120	0.133	0.151	0.124	15.38
12)	CM	1,1-Dichloroet...	0.512	0.560	0.544	0.596	0.554	0.596	0.560	5.74#
13)	T	Acrolein		0.179	0.163	0.185	0.174	0.193	0.179	6.28
14)	T	Allyl chloride	0.899	0.895	0.878	1.010	0.940	0.980	0.933	5.63
15)	T	Acrylonitrile	0.319	0.333	0.332	0.358	0.343	0.367	0.342	5.25
16)	T	Acetone	0.359	0.353	0.331	0.381	0.348	0.372	0.357	4.99
17)	T	Carbon Disulfide	0.841	0.872	0.937	1.150	1.230	1.362	1.065	19.98
18)	T	Methyl Acetate	0.965	0.889	0.883	0.953	0.888	0.951	0.922	4.17
19)	T	Methyl tert-bu...	2.054	2.188	2.127	2.305	2.170	2.279	2.187	4.28
20)	T	Methylene Chlo...	0.679	0.678	0.666	0.689	0.648	0.668	0.671	2.12
21)	T	trans-1,2-Dich...	0.600	0.556	0.577	0.619	0.595	0.626	0.596	4.37
22)	T	Diisopropyl ether	2.040	2.114	2.092	2.172	2.070	2.123	2.102	2.17
23)	T	Vinyl Acetate	1.238	1.571	1.732	1.912	1.842	1.958	1.709	15.75
24)	P	1,1-Dichloroet...	1.071	1.173	1.154	1.244	1.171	1.218	1.172	5.10
25)	T	2-Butanone	0.449	0.491	0.510	0.548	0.509	0.541	0.508	7.08
26)	T	2,2-Dichloropr...	0.782	0.896	0.956	1.045	0.992	1.039	0.952	10.50
27)	T	cis-1,2-Dichlo...	0.809	0.737	0.728	0.772	0.731	0.762	0.756	4.11
28)	T	Bromochloromet...	0.578	0.577	0.576	0.592	0.556	0.568	0.575	2.07
29)	T	Tetrahydrofuran	0.293	0.348	0.321	0.337	0.317	0.340	0.326	6.17
30)	C	Chloroform	1.389	1.312	1.272	1.343	1.272	1.310	1.316	3.39#
31)	T	Cyclohexane		0.931	0.963	0.977	0.922	0.938	0.946	2.44
32)	T	1,1,1-Trichlor...	0.993	1.019	1.077	1.176	1.119	1.173	1.093	7.06
33)	S	1,2-Dichloroet...		0.934	0.778	0.921	0.862	0.888	0.877	7.09
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.353	0.298	0.367	0.360	0.354	0.346	7.95
36)	T	1,1-Dichloropr...	0.489	0.442	0.422	0.444	0.445	0.444	0.448	4.92
37)	T	Ethyl Acetate	0.536	0.512	0.551	0.581	0.565	0.574	0.553	4.68
38)	T	Carbon Tetrach...	0.484	0.443	0.432	0.501	0.502	0.529	0.482	7.77
39)	T	Methylcyclohexane	0.514	0.503	0.527	0.555	0.550	0.562	0.535	4.52
40)	TM	Benzene	1.353	1.353	1.332	1.410	1.353	1.353	1.359	1.93
41)	T	Methacrylonitrile	0.285	0.293	0.281	0.302	0.298	0.305	0.294	3.21
42)	TM	1,2-Dichloroet...	0.554	0.557	0.545	0.584	0.556	0.564	0.560	2.37
43)	T	Isopropyl Acetate	0.736	0.854	0.835	0.916	0.908	0.941	0.865	8.62
44)	TM	Trichloroethene	0.356	0.325	0.324	0.349	0.337	0.342	0.339	3.79
45)	C	1,2-Dichloropr...	0.368	0.345	0.330	0.357	0.341	0.342	0.347	3.81#
46)	T	Dibromomethane	0.247	0.267	0.259	0.286	0.276	0.281	0.269	5.53
47)	T	Bromodichlorom...	0.380	0.411	0.436	0.508	0.518	0.538	0.465	13.95
48)	T	Methyl methacr...	0.427	0.370	0.399	0.444	0.431	0.447	0.420	7.03
49)	T	1,4-Dioxane	0.005	0.007	0.007	0.008	0.008	0.008	0.007	15.81
50)	S	Toluene-d8		1.148	1.010	1.251	1.229	1.203	1.168	8.27
51)	T	4-Methyl-2-Pen...	0.506	0.551	0.547	0.590	0.561	0.582	0.556	5.37
52)	CM	Toluene	0.908	0.830	0.816	0.877	0.841	0.849	0.853	3.96#
53)	T	t-1,3-Dichloro...	0.338	0.357	0.439	0.514	0.526	0.558	0.455	20.32
54)	T	cis-1,3-Dichlo...	0.404	0.441	0.488	0.567	0.558	0.583	0.507	14.59
55)	T	1,1,2-Trichlor...	0.337	0.332	0.335	0.358	0.334	0.340	0.339	2.79

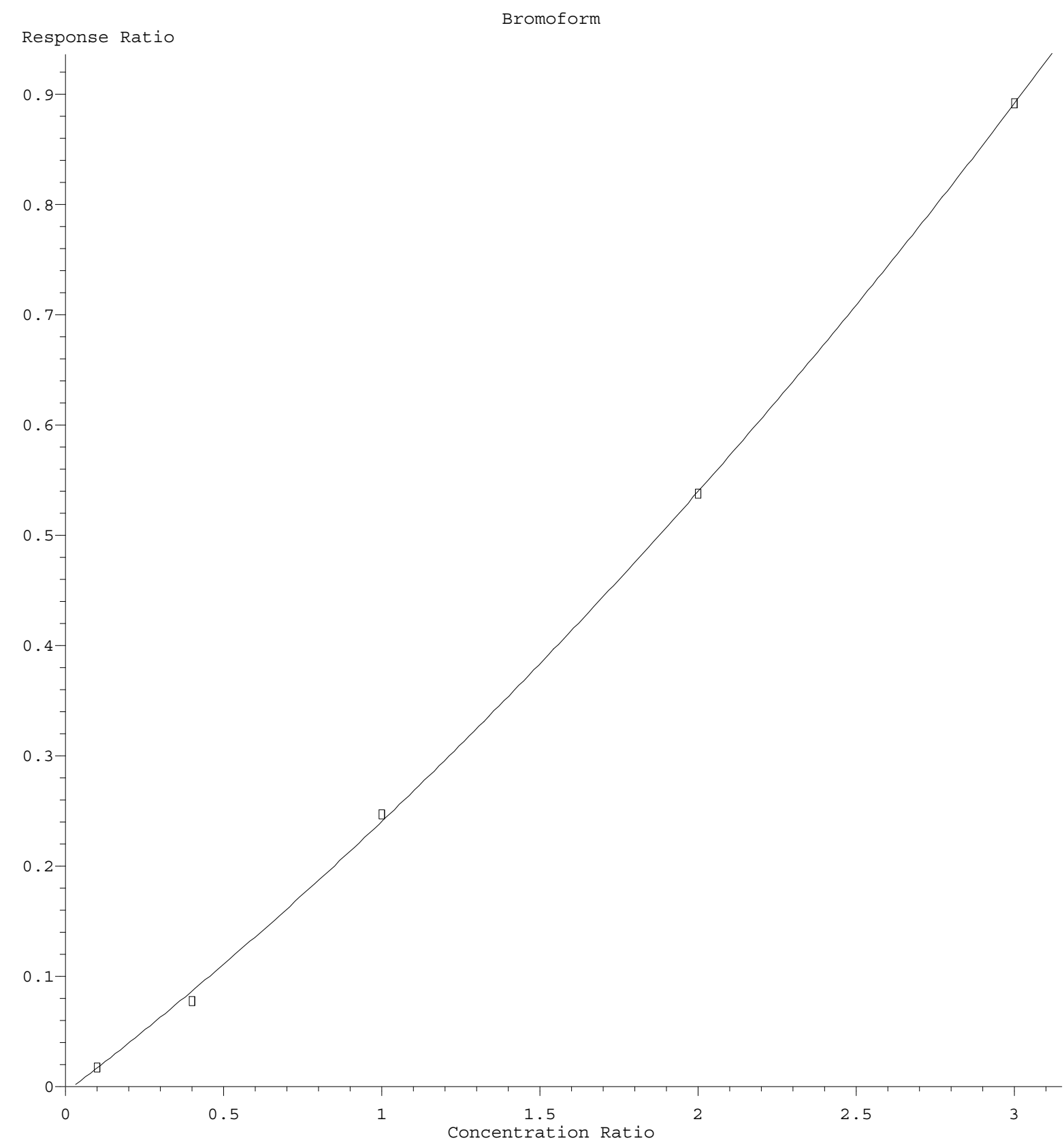
Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X121124W.M

56)	T	Ethyl methacry...	0.491	0.458	0.517	0.577	0.575	0.593	0.535	10.23
57)	T	1,3-Dichloropr...	0.578	0.593	0.585	0.613	0.583	0.590	0.590	2.09
58)	T	2-Chloroethyl ...	0.222	0.268	0.256	0.293	0.285	0.296	0.270	10.47
59)	T	2-Hexanone	0.323	0.386	0.408	0.439	0.420	0.438	0.403	10.82
60)	T	Dibromochlorom...	0.254	0.248	0.306	0.370	0.378	0.398	0.326	20.17
61)	T	1,2-Dibromoethane	0.303	0.322	0.344	0.369	0.364	0.370	0.345	8.06
62)	S	4-Bromofluorob...		0.390	0.351	0.442	0.432	0.426	0.408	9.23
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.359	0.354	0.317	0.321	0.312	0.327	0.332	5.96
65)	PM	Chlorobenzene	1.130	1.068	1.039	1.088	1.036	1.067	1.071	3.27
66)	T	1,1,1,2-Tetrac...	0.301	0.305	0.334	0.375	0.368	0.383	0.344	10.47
67)	C	Ethyl Benzene	1.853	1.806	1.816	1.927	1.831	1.875	1.851	2.42#
68)	T	m/p-Xylenes	0.653	0.660	0.665	0.707	0.683	0.707	0.679	3.50
69)	T	o-Xylene	0.686	0.683	0.685	0.703	0.671	0.697	0.687	1.64
70)	T	Styrene	1.007	1.019	1.099	1.162	1.148	1.177	1.102	6.70
71)	P	Bromoform	0.137	0.173	0.194	0.247	0.269	0.297	0.219	28.02
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.665	3.976	3.920	3.912	3.747	3.747	3.828	3.25
74)	T	N-amyl acetate	1.435	1.620	1.773	1.916	1.901	1.967	1.769	11.64
75)	P	1,1,2,2-Tetrac...	1.410	1.350	1.332	1.336	1.256	1.293	1.329	3.93
76)	T	1,2,3-Trichlor...	1.272	1.075	1.113	1.124	1.059	1.055	1.116	7.30
77)	T	Bromobenzene	1.009	0.934	0.890	0.942	0.899	0.895	0.928	4.87
78)	T	n-propylbenzene	3.739	4.263	4.319	4.502	4.283	4.277	4.231	6.06
79)	T	2-Chlorotoluene	2.940	2.847	2.707	2.771	2.582	2.569	2.736	5.36
80)	T	1,3,5-Trimethy...	3.066	3.222	3.224	3.308	3.097	3.128	3.174	2.90
81)	T	trans-1,4-Dich...		0.236	0.300	0.369	0.402	0.430	0.347	22.67
82)	T	4-Chlorotoluene	2.964	3.051	3.013	3.114	3.011	3.026	3.030	1.65
83)	T	tert-Butylbenzene	3.170	3.077	3.105	3.259	3.106	3.106	3.137	2.14
84)	T	1,2,4-Trimethy...	2.699	3.254	3.207	3.290	3.148	3.105	3.117	6.92
85)	T	sec-Butylbenzene	3.679	3.748	3.840	3.986	3.804	3.793	3.808	2.70
86)	T	p-Isopropyltol...	2.949	3.061	3.254	3.347	3.197	3.211	3.170	4.49
87)	T	1,3-Dichlorobe...	1.519	1.634	1.640	1.683	1.625	1.628	1.621	3.35
88)	T	1,4-Dichlorobe...	1.811	1.640	1.632	1.672	1.621	1.623	1.667	4.39
89)	T	n-Butylbenzene	2.249	2.387	2.659	2.844	2.889	2.964	2.665	10.90
90)	T	Hexachloroethane	0.358	0.396	0.406	0.507	0.542	0.567	0.463	18.85
91)	T	1,2-Dichlorobe...	1.745	1.666	1.668	1.726	1.654	1.643	1.683	2.46
92)	T	1,2-Dibromo-3-...	0.222	0.226	0.241	0.273	0.279	0.306	0.258	13.01
93)	T	1,2,4-Trichlor...	0.770	0.827	0.891	0.978	1.013	1.058	0.923	12.16
94)	T	Hexachlorobuta...	0.390	0.349	0.367	0.369	0.371	0.381	0.371	3.75
95)	T	Naphthalene	2.925	3.346	3.629	3.835	3.866	4.015	3.603	11.24
96)	T	1,2,3-Trichlor...	0.854	0.885	0.984	1.019	1.055	1.077	0.979	9.30

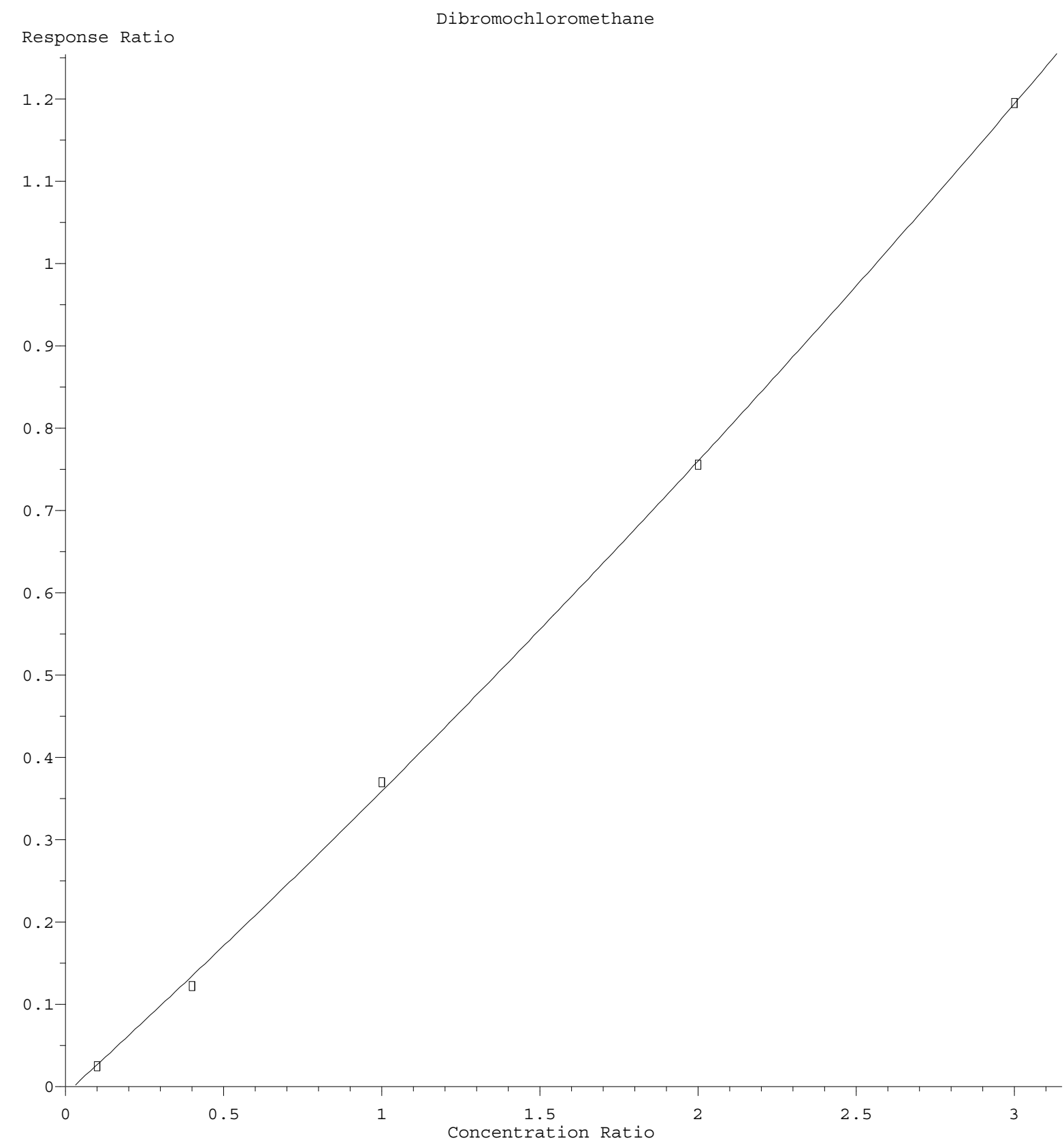
(#) = Out of Range



R = 2.599e-002 A*A + 4.830e-001 A - 9.631e-003
Coef of Det (r^2) = 0.999780 Curve Fit: Quadratic
Method: P:\574VOCMS2Group1\vupisrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Calibration Table Last Updated: Thu Dec 12 04:28:14 2024



R = 2.648e-002 A*A + 2.195e-001 A - 5.414e-003
Coef of Det (r^2) = 0.999777 Curve Fit: Quadratic
Method: P:\374VOCMSZ\vup1srv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Calibration Table Last Updated: Thu Dec 12 04:28:14 2024



R = 1.660e-002 A*A + 3.511e-001 A - 8.656e-003
Coef of Det (r^2) = 0.999705 Curve Fit: Quadratic
Method: P:\574VOCMSZ\vupsrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Calibration Table Last Updated: Thu Dec 12 04:28:14 2024

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044219.D
Acq On : 11 Dec 2024 10:41
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 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

Quant Time: Dec 12 04:12:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.543	168	141947	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.757	114	253574	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.049	117	213862	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88334	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l		
Spiked Amount 50.000	Range 74 - 125		Recovery =	0.000%#			
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l		
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.000%#			
50) Toluene-d8	0.000	98	0d	0.000	ug/l		
Spiked Amount 50.000	Range 86 - 113		Recovery =	0.000%#			
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l		
Spiked Amount 50.000	Range 77 - 121		Recovery =	0.000%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.166	85	2491	1.135	ug/l		98
3) Chloromethane	1.300	50	2109	1.005	ug/l		98
4) Vinyl Chloride	1.373	62	2285	1.045	ug/l	#	85
6) Chloroethane	1.672	64	1316m	0.967	ug/l		
7) Trichlorofluoromethane	1.867	101	4491	1.049	ug/l		96
8) Diethyl Ether	2.129	74	1651	1.130	ug/l		78
9) 1,1,2-Trichlorotrifluo...	2.318	101	1796	1.037	ug/l		95
12) 1,1-Dichloroethene	2.306	96	1454	0.914	ug/l		90
14) Allyl chloride	2.660	41	2551	0.963	ug/l	#	91
15) Acrylonitrile	3.068	53	4528	4.660	ug/l		98
16) Acetone	2.385	43	5096	5.022	ug/l		97
17) Carbon Disulfide	2.501	76	2387	0.789	ug/l		99
18) Methyl Acetate	2.702	43	2739	1.047	ug/l	#	86
19) Methyl tert-butyl Ether	3.117	73	5832	0.939	ug/l	#	91
20) Methylene Chloride	2.776	84	1928	1.012	ug/l	#	74
21) trans-1,2-Dichloroethene	3.080	96	1703	1.007	ug/l	#	79
22) Diisopropyl ether	3.763	45	5792	0.971	ug/l	#	83
23) Vinyl Acetate	3.733	43	17578	3.623	ug/l		100
24) 1,1-Dichloroethane	3.605	63	3040	0.914	ug/l		96
25) 2-Butanone	4.586	43	6380	4.423	ug/l		96
26) 2,2-Dichloropropane	4.464	77	2220	0.821	ug/l		85
27) cis-1,2-Dichloroethene	4.489	96	2296	1.069	ug/l		81
28) Bromochloromethane	4.909	49	1641	1.006	ug/l	#	72
29) Tetrahydrofuran	5.025	42	4158	4.491	ug/l	#	84
30) Chloroform	5.086	83	3943	1.055	ug/l		91
32) 1,1,1-Trichloroethane	5.379	97	2818	0.908	ug/l	#	48
36) 1,1-Dichloropropene	5.696	75	2479m	1.092	ug/l		
37) Ethyl Acetate	4.727	43	2718	0.969	ug/l	#	71
38) Carbon Tetrachloride	5.678	117	2454	1.004	ug/l	#	73
39) Methylcyclohexane	7.366	83	2606	0.960	ug/l		93
40) Benzene	6.037	78	6864	0.996	ug/l		92
41) Methacrylonitrile	4.946	41	1447m	0.971	ug/l		
42) 1,2-Dichloroethane	6.092	62	2810	0.990	ug/l		93
43) Isopropyl Acetate	6.354	43	3734	0.851	ug/l		98
44) Trichloroethene	7.122	130	1806	1.051	ug/l		71
45) 1,2-Dichloropropane	7.433	63	1865	1.059	ug/l	#	74

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044219.D
Acq On : 11 Dec 2024 10:41
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 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

Quant Time: Dec 12 04:12:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
46) Dibromomethane	7.592	93	1251	0.916 ug/l		97
47) Bromodichloromethane	7.830	83	1926	0.816 ug/l	#	74
48) Methyl methacrylate	7.720	41	2168	1.018 ug/l	#	77
49) 1,4-Dioxane	7.702	88	492m	13.522 ug/l		
51) 4-Methyl-2-Pentanone	8.579	43	12824	4.547 ug/l		95
52) Toluene	8.720	92	4606	1.064 ug/l		92
53) t-1,3-Dichloropropene	8.988	75	1716	1.694 ug/l	#	78
54) cis-1,3-Dichloropropene	8.366	75	2048	0.797 ug/l	#	75
55) 1,1,2-Trichloroethane	9.159	97	1710	0.994 ug/l	#	83
56) Ethyl methacrylate	9.128	69	2490	0.917 ug/l	#	85
57) 1,3-Dichloropropane	9.317	76	2929	0.979 ug/l		94
58) 2-Chloroethyl Vinyl ether	8.244	63	5621	4.105 ug/l		96
59) 2-Hexanone	9.439	43	8199	4.017 ug/l		98
60) Dibromochloromethane	9.524	129	1289	1.953 ug/l		97
61) 1,2-Dibromoethane	9.610	107	1535	0.877 ug/l		95
64) Tetrachloroethene	9.274	164	1536	1.082 ug/l		86
65) Chlorobenzene	10.079	112	4835	1.055 ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.158	131	1288	0.875 ug/l	#	63
67) Ethyl Benzene	10.195	91	7924	1.001 ug/l	#	88
68) m/p-Xylenes	10.305	106	5583	1.922 ug/l		98
69) o-Xylene	10.640	106	2933	0.998 ug/l		96
70) Styrene	10.658	104	4306	0.914 ug/l		94
71) Bromoform	10.805	173	584	1.847 ug/l	#	72
73) Isopropylbenzene	10.963	105	6474	0.957 ug/l		100
74) N-amyl acetate	10.847	43	2536	0.811 ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.219	83	2491	1.061 ug/l		95
76) 1,2,3-Trichloropropane	11.244	75	2248m	1.121 ug/l		
77) Bromobenzene	11.201	156	1783	1.087 ug/l		91
78) n-propylbenzene	11.305	91	6606	0.884 ug/l		86
79) 2-Chlorotoluene	11.366	91	5194	1.075 ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	5417	0.966 ug/l		98
82) 4-Chlorotoluene	11.457	91	5236	0.978 ug/l		98
83) tert-Butylbenzene	11.713	119	5601	1.011 ug/l		91
84) 1,2,4-Trimethylbenzene	11.756	105	4769	0.866 ug/l		95
85) sec-Butylbenzene	11.890	105	6500	0.966 ug/l		99
86) p-Isopropyltoluene	12.012	119	5210	0.930 ug/l		93
87) 1,3-Dichlorobenzene	11.975	146	2684	0.937 ug/l		94
88) 1,4-Dichlorobenzene	12.042	146	3200m	1.087 ug/l		
89) n-Butylbenzene	12.335	91	3973	0.844 ug/l		94
90) Hexachloroethane	12.536	117	632	0.773 ug/l		95
91) 1,2-Dichlorobenzene	12.335	146	3082	1.036 ug/l		97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	392	0.860 ug/l		70
93) 1,2,4-Trichlorobenzene	13.591	180	1361	0.835 ug/l		92
94) Hexachlorobutadiene	13.725	225	689	1.051 ug/l		96
95) Naphthalene	13.780	128	5167	0.812 ug/l	#	94
96) 1,2,3-Trichlorobenzene	13.963	180	1509	0.873 ug/l		95

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

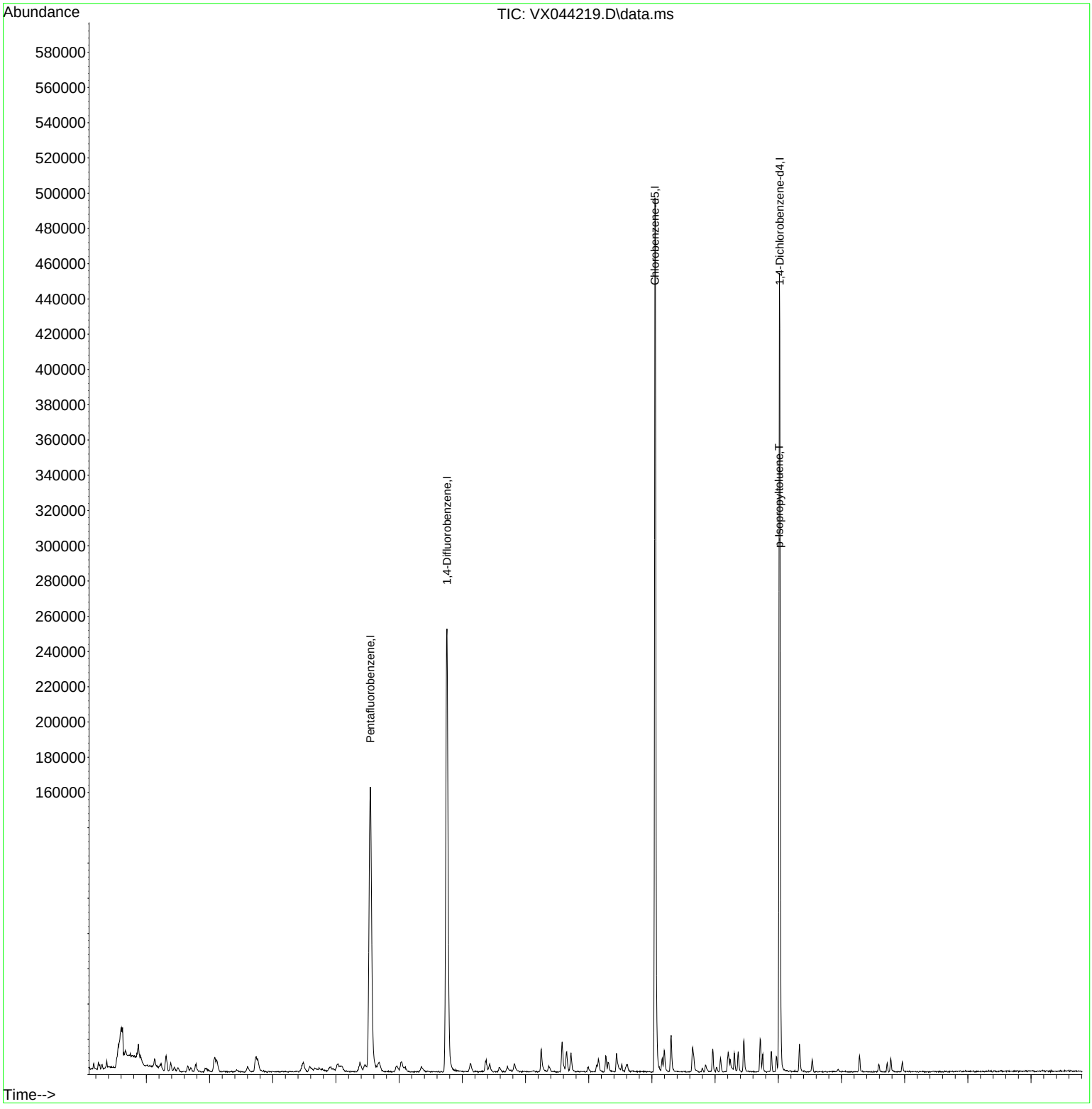
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044219.D
Acq On : 11 Dec 2024 10:41
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

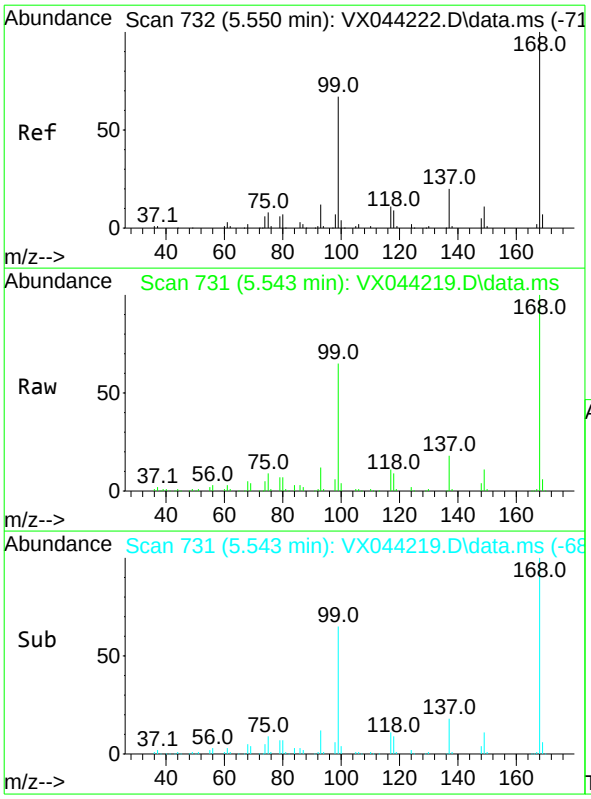
Quant Time: Dec 12 04:12:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

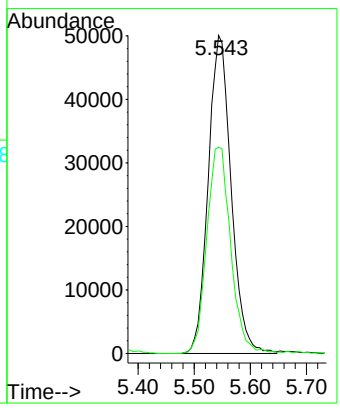




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 73
Delta R.T. -0.007 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:168 Resp: 141947

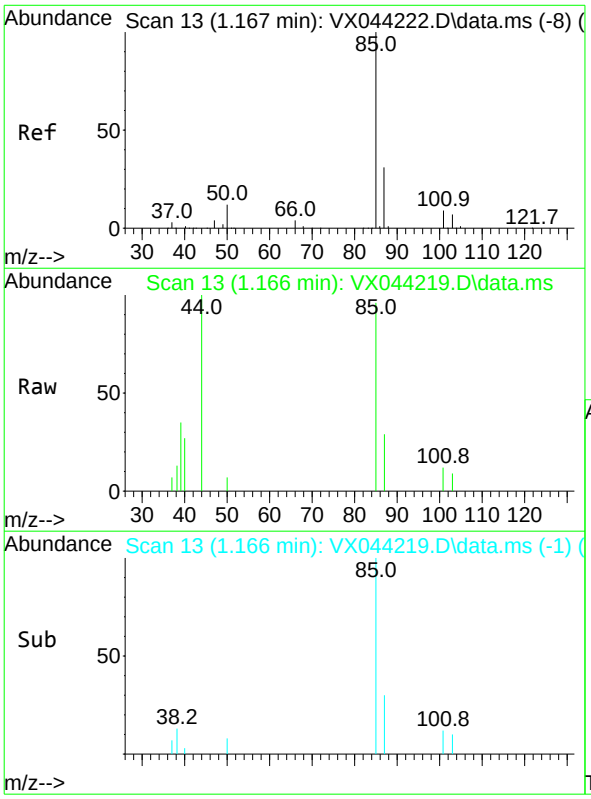
Ion	Ratio	Lower	Upper
168	100		
99	64.9	53.4	80.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

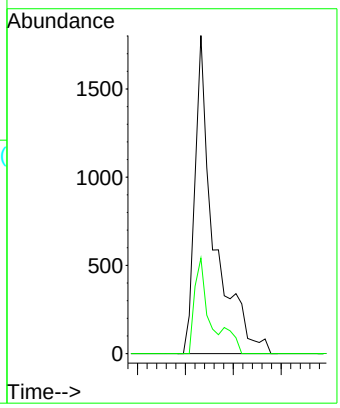
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

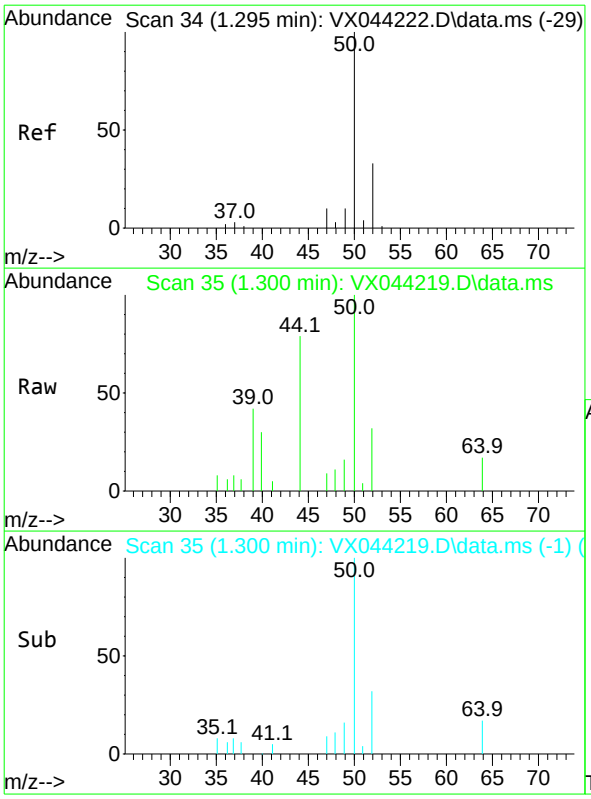


#2
Dichlorodifluoromethane
Concen: 1.135 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 85 Resp: 2491

Ion	Ratio	Lower	Upper
85	100		
87	30.0	15.4	46.4

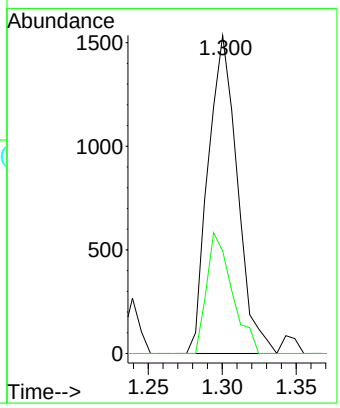




#3
Chloromethane
Concen: 1.005 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 50 Resp: 2109

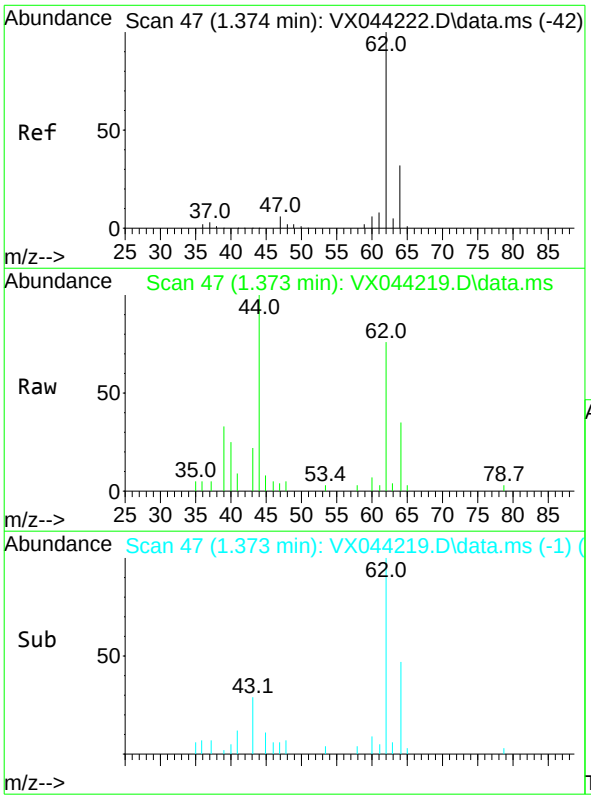
Ion	Ratio	Lower	Upper
50	100		
52	32.2	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

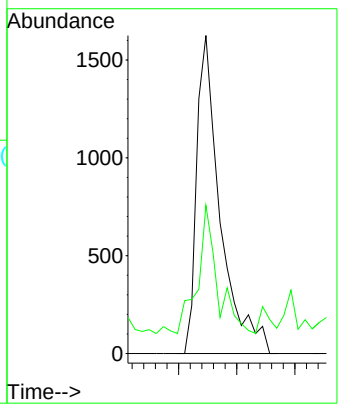
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

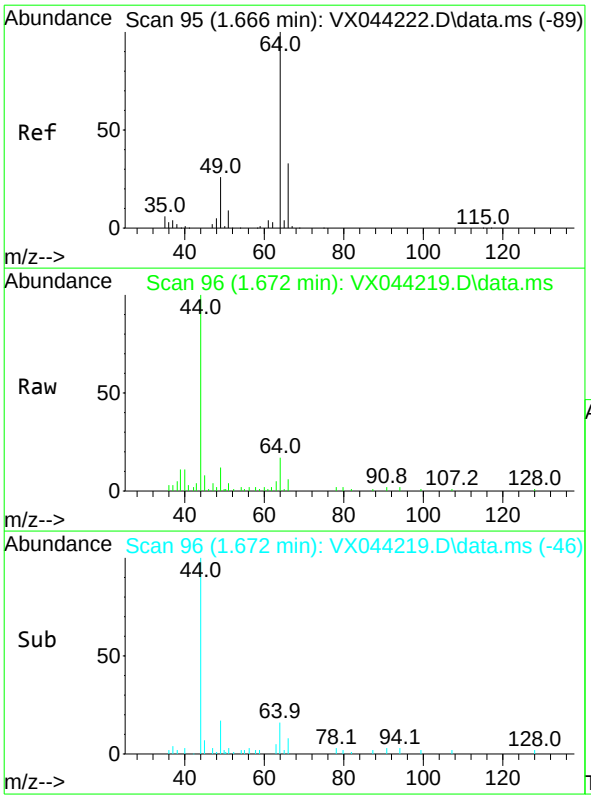


#4
Vinyl Chloride
Concen: 1.045 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 62 Resp: 2285

Ion	Ratio	Lower	Upper
62	100		
64	40.3	25.7	38.5#

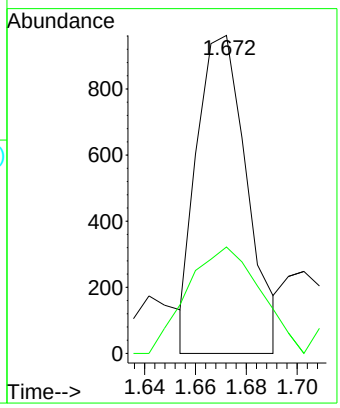




#6
Chloroethane
Concen: 0.967 ug/l m
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 64 Resp: 1316

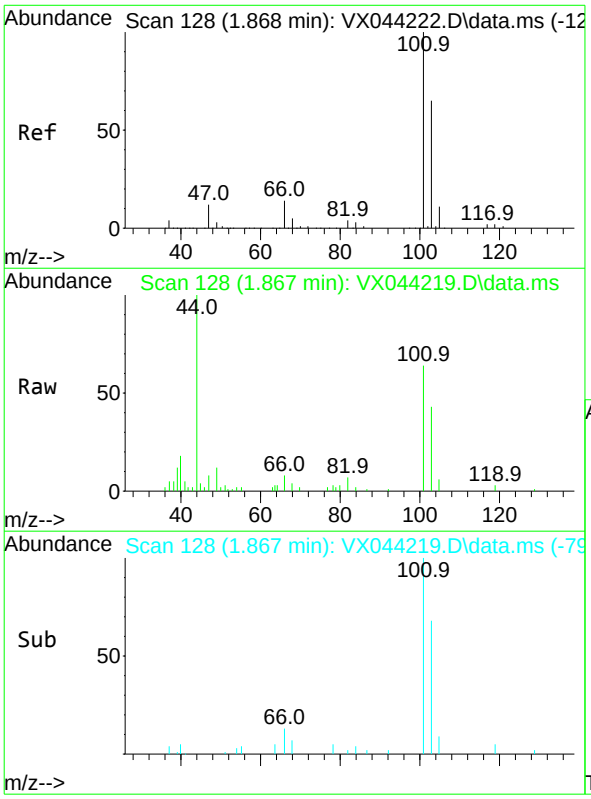
Ion	Ratio	Lower	Upper
64	100		
66	33.5	26.6	39.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

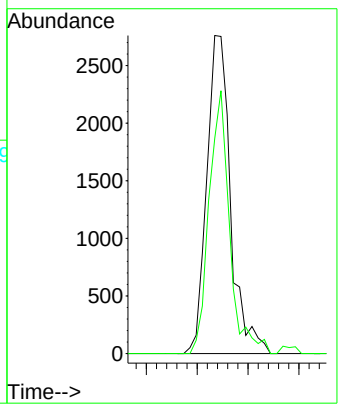
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

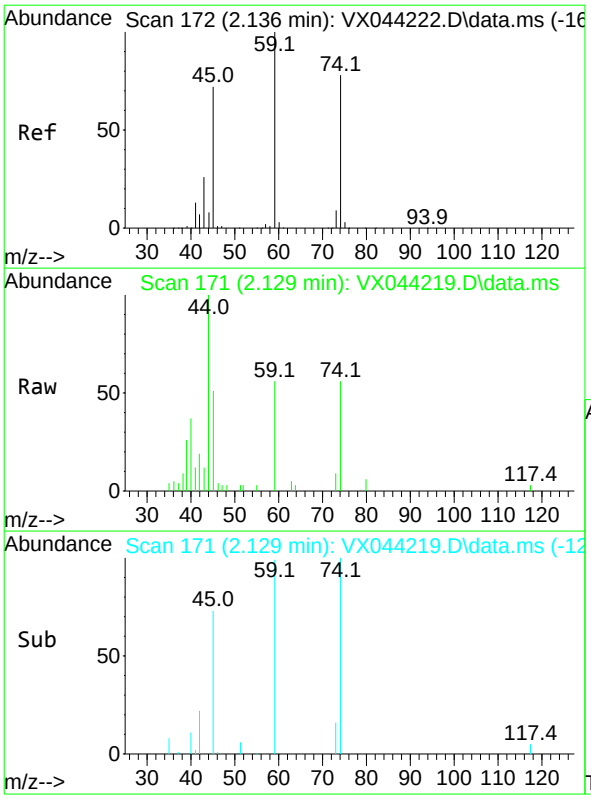


#7
Trichlorofluoromethane
Concen: 1.049 ug/l
RT: 1.867 min Scan# 128
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:101 Resp: 4491

Ion	Ratio	Lower	Upper
101	100		
103	67.7	51.8	77.8





#8
Diethyl Ether
Concen: 1.130 ug/l
RT: 2.129 min Scan# 17
Delta R.T. -0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

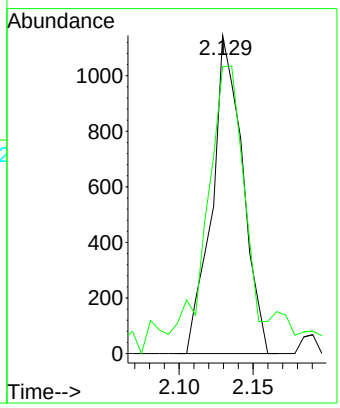
Tgt Ion: 74 Resp: 1651

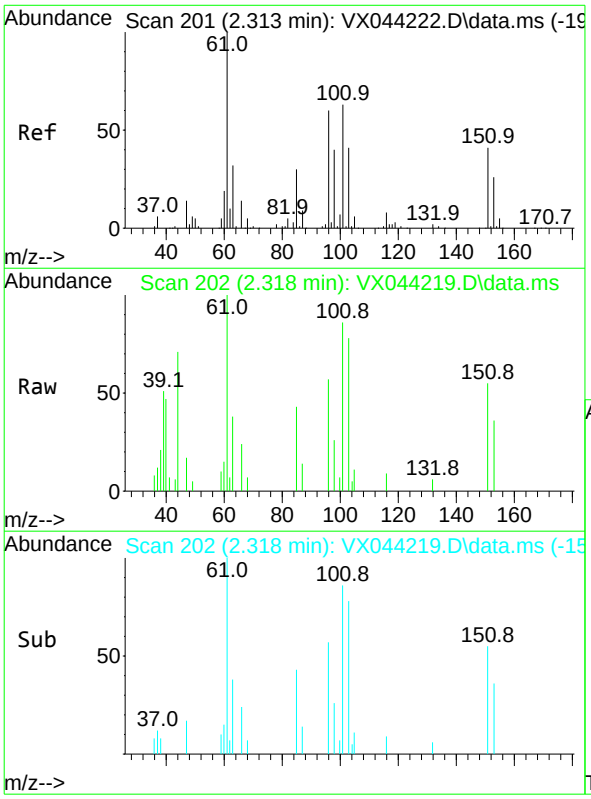
Ion	Ratio	Lower	Upper
74	100		
45	118.0	48.4	145.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

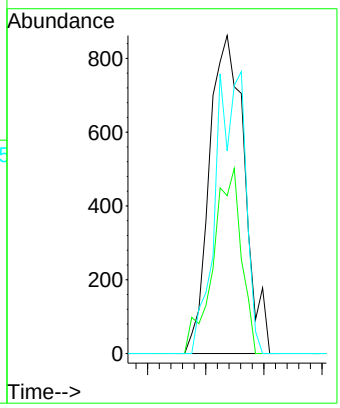


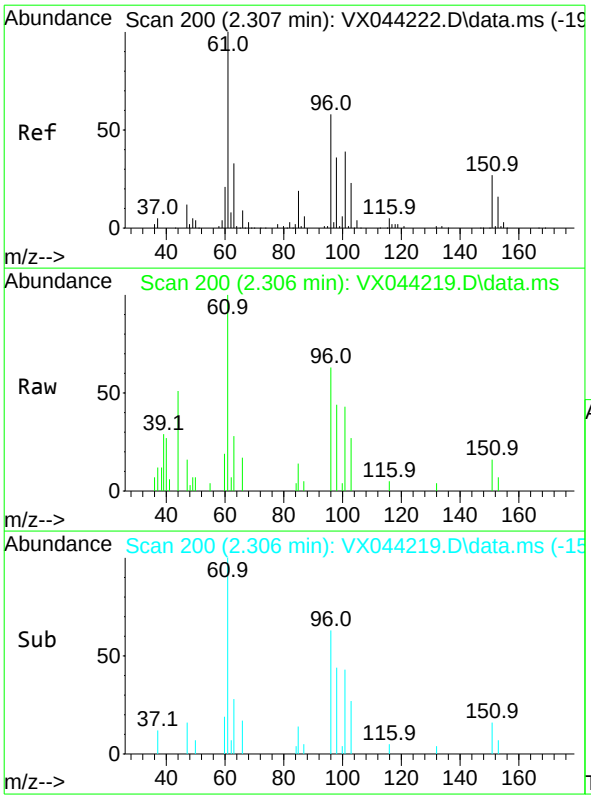


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.037 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:101 Resp: 1796

Ion	Ratio	Lower	Upper
101	100		
85	47.3	38.5	57.7
151	76.1	55.8	83.6

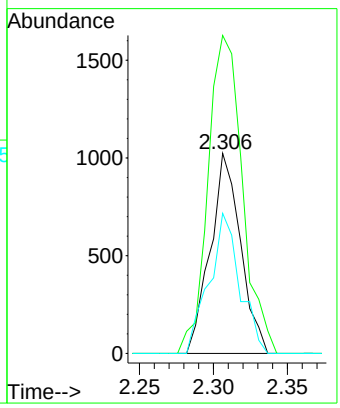




#12
1,1-Dichloroethene
Concen: 0.914 ug/l
RT: 2.306 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 96 Resp: 1454

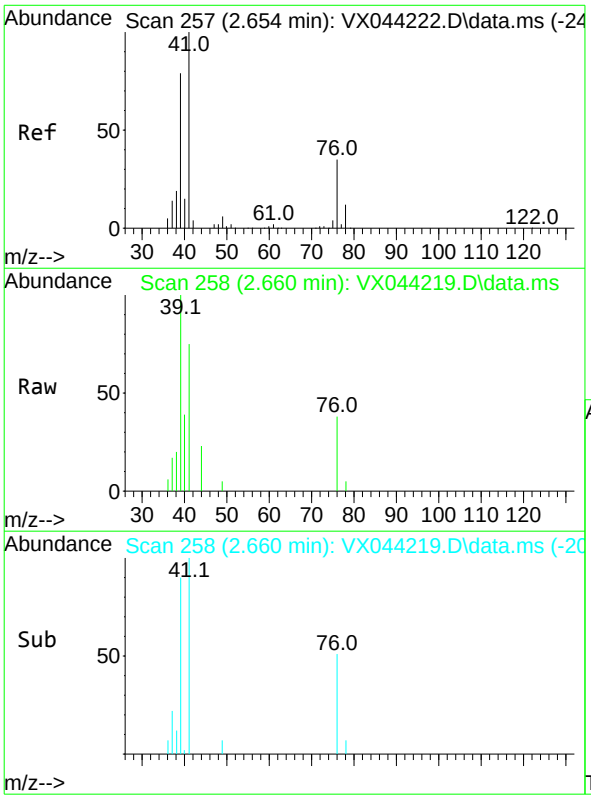
Ion	Ratio	Lower	Upper
96	100		
61	158.9	138.0	207.0
98	70.0	50.0	75.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

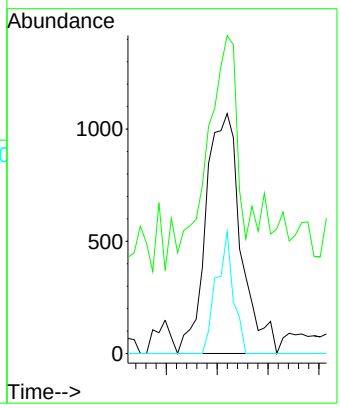
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

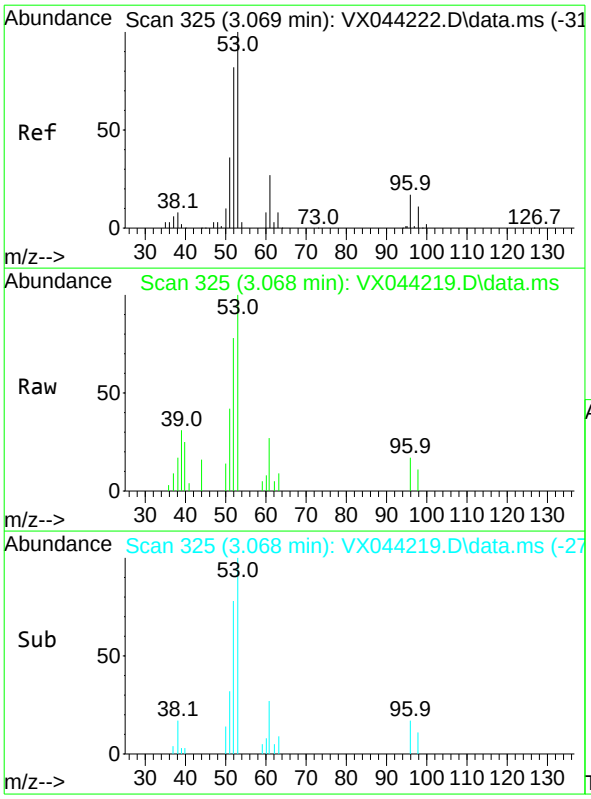


#14
Allyl chloride
Concen: 0.963 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 41 Resp: 2551

Ion	Ratio	Lower	Upper
41	100		
39	72.6	61.9	92.9
76	24.6	27.4	41.2#

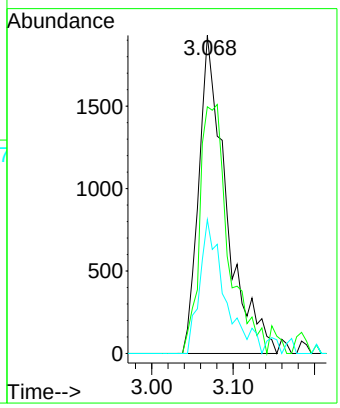




#15
Acrylonitrile
Concen: 4.660 ug/l
RT: 3.068 min Scan# 32
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 53 Resp: 4528

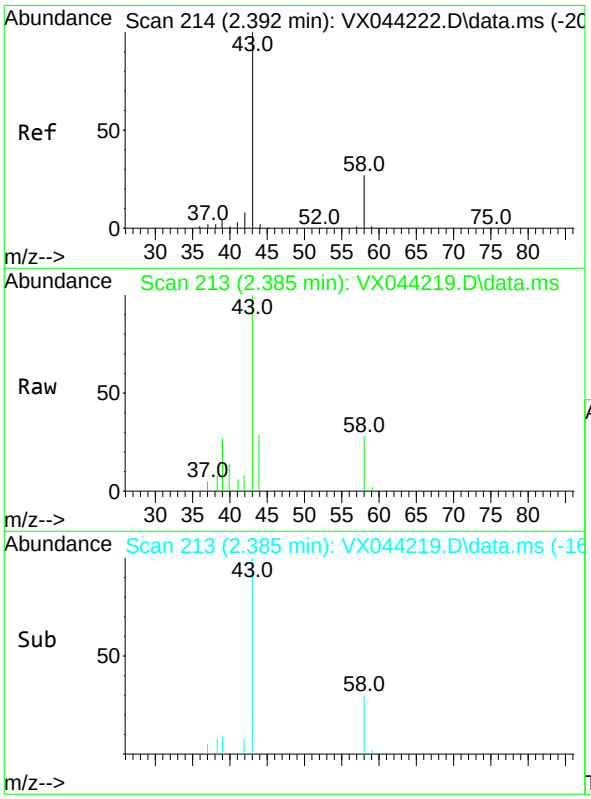
Ion	Ratio	Lower	Upper
53	100		
52	81.4	67.4	101.0
51	38.3	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

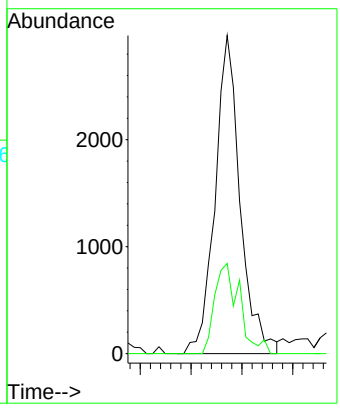
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

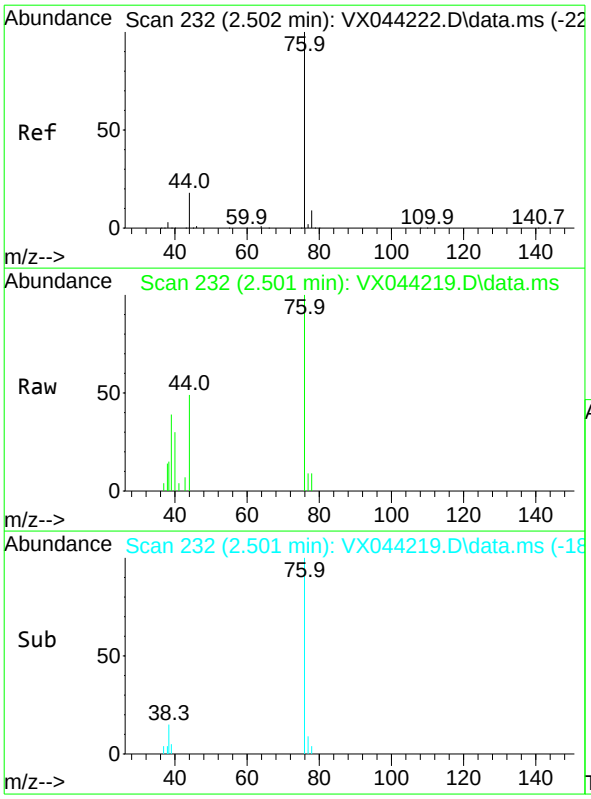


#16
Acetone
Concen: 5.022 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 43 Resp: 5096

Ion	Ratio	Lower	Upper
43	100		
58	28.3	21.6	32.4

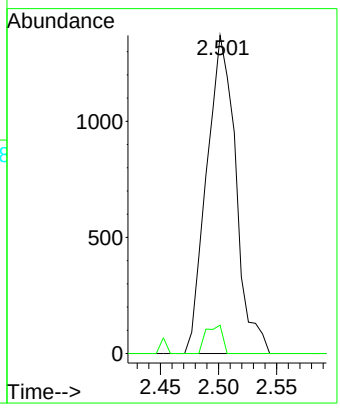




#17
Carbon Disulfide
Concen: 0.789 ug/l
RT: 2.501 min Scan# 23
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 76 Resp: 2387

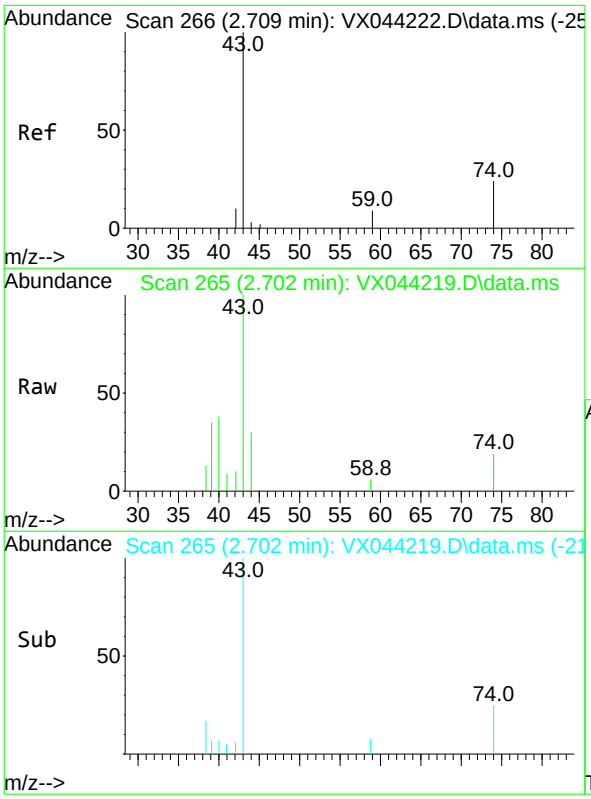
Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

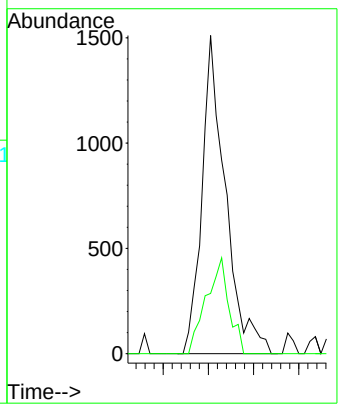
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

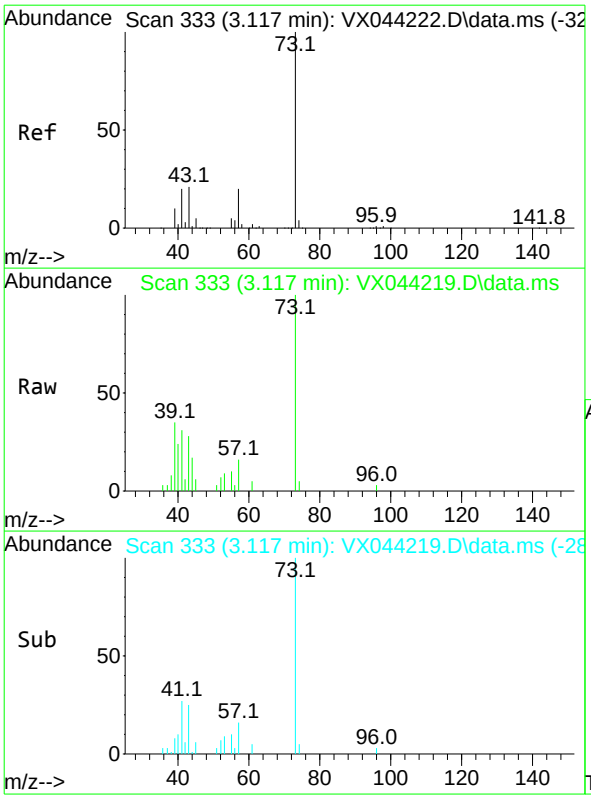


#18
Methyl Acetate
Concen: 1.047 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 43 Resp: 2739

Ion	Ratio	Lower	Upper
43	100		
74	28.9	17.7	26.5#

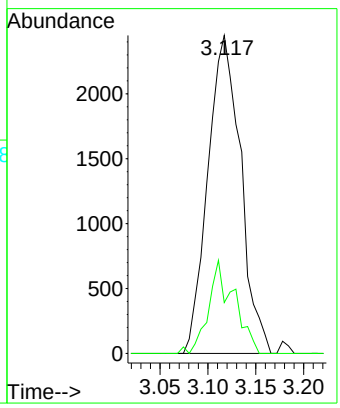




#19
Methyl tert-butyl Ether
Concen: 0.939 ug/l
RT: 3.117 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 73 Resp: 5832

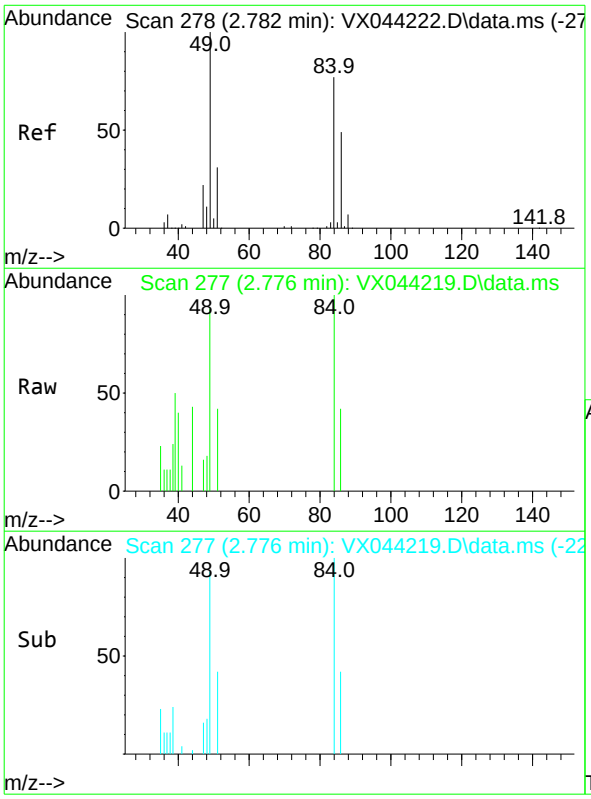
Ion	Ratio	Lower	Upper
73	100		
57	16.0	16.2	24.4#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

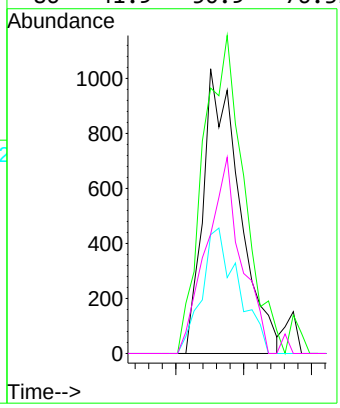
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

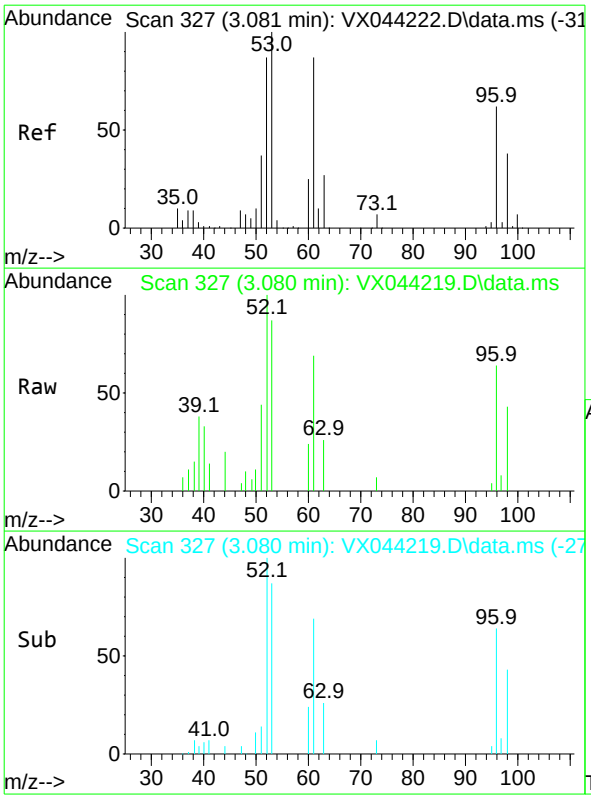


#20
Methylene Chloride
Concen: 1.012 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 84 Resp: 1928

Ion	Ratio	Lower	Upper
84	100		
49	93.2	104.2	156.4#
51	41.7	32.2	48.4
86	41.9	50.9	76.3#

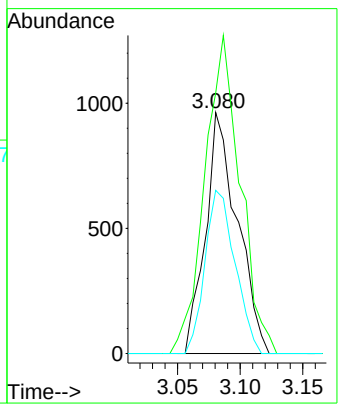




#21
trans-1,2-Dichloroethene
Concen: 1.007 ug/l
RT: 3.080 min Scan# 32
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 96 Resp: 1703

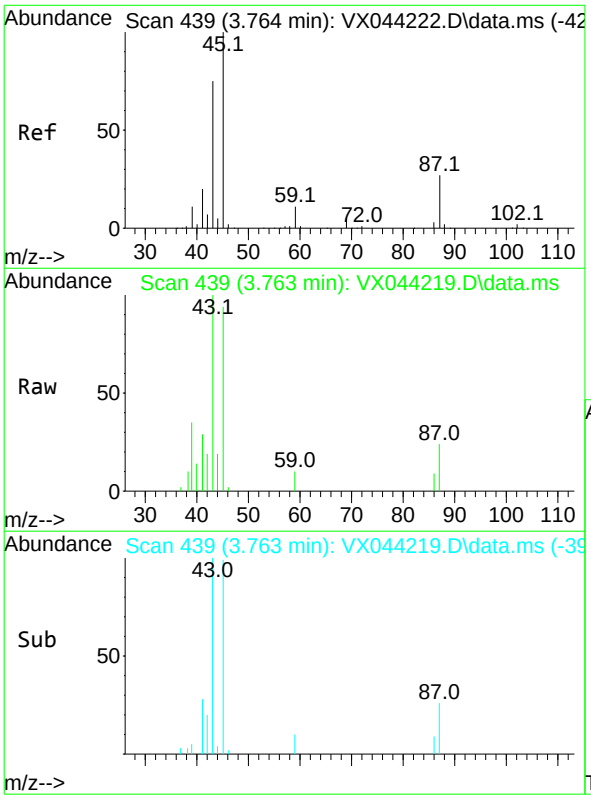
Ion	Ratio	Lower	Upper
96	100		
61	108.1	112.0	168.0#
98	67.7	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

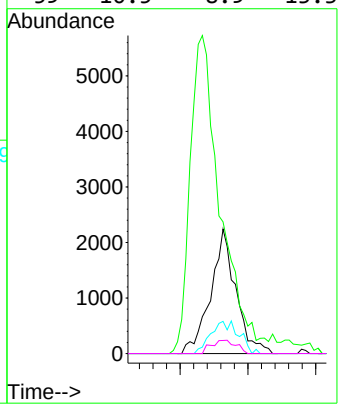
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

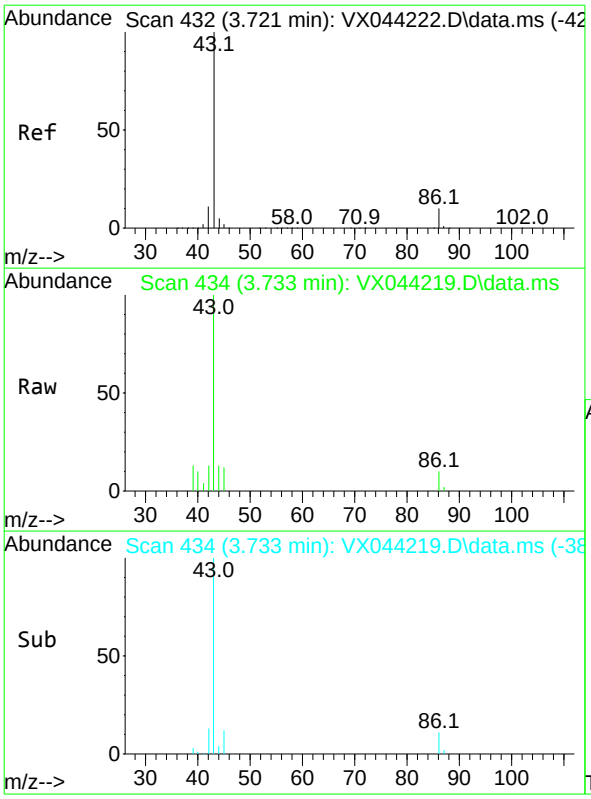


#22
Diisopropyl ether
Concen: 0.971 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 45 Resp: 5792

Ion	Ratio	Lower	Upper
45	100		
43	96.8	60.2	90.2#
87	25.9	21.2	31.8
59	10.5	8.9	13.3

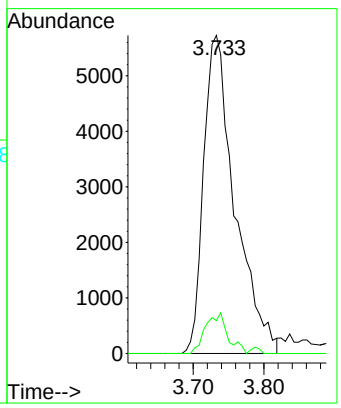




#23
Vinyl Acetate
Concen: 3.623 ug/l
RT: 3.733 min Scan# 43
Delta R.T. 0.012 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 43 Resp: 17578

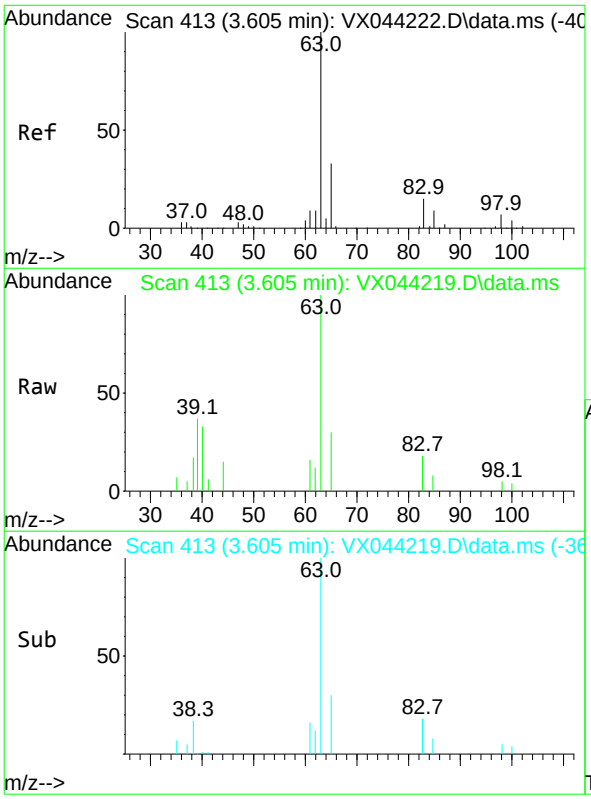
Ion	Ratio	Lower	Upper
43	100		
86	10.3	8.2	12.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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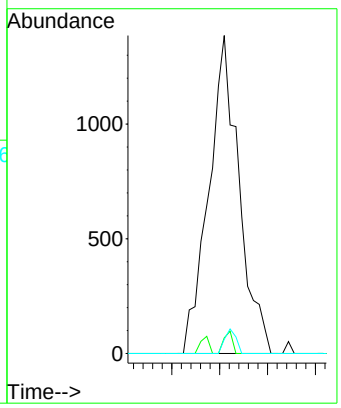
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

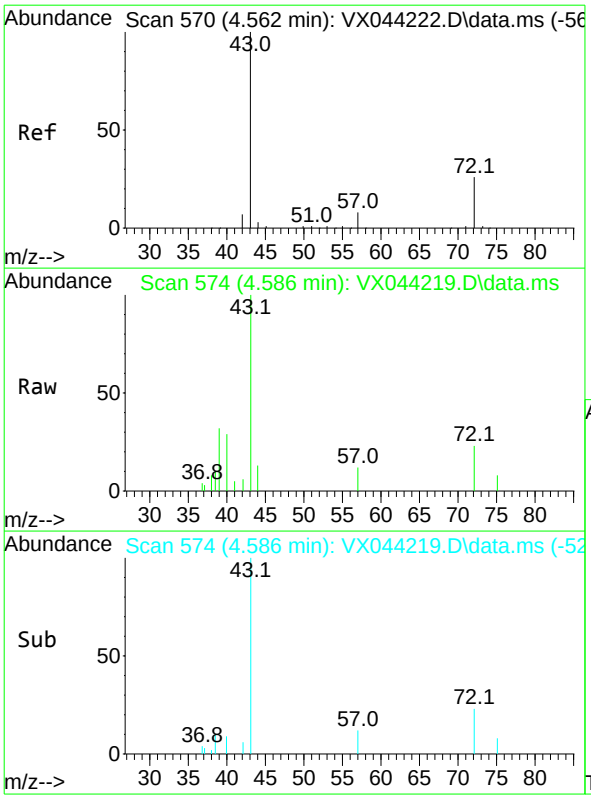


#24
1,1-Dichloroethane
Concen: 0.914 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 63 Resp: 3040

Ion	Ratio	Lower	Upper
63	100		
98	4.9	3.6	10.8
100	4.5	2.1	6.3

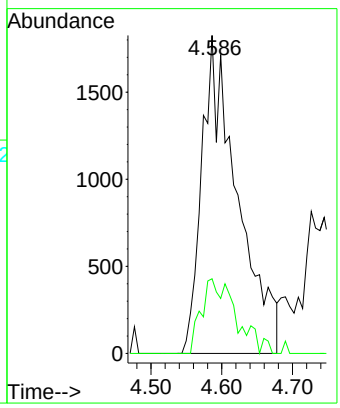




#25
2-Butanone
Concen: 4.423 ug/l
RT: 4.586 min Scan# 57
Delta R.T. 0.024 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 43 Resp: 6380

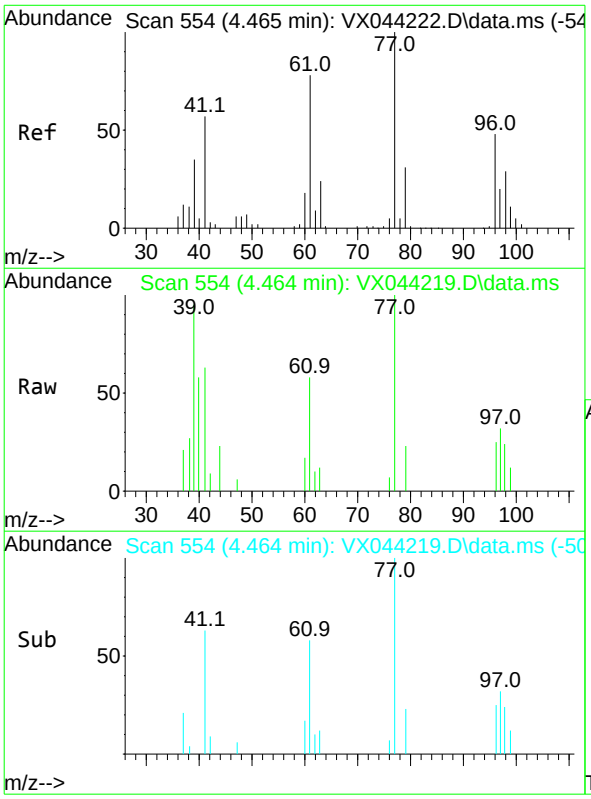
Ion	Ratio	Lower	Upper
43	100		
72	23.5	20.2	30.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

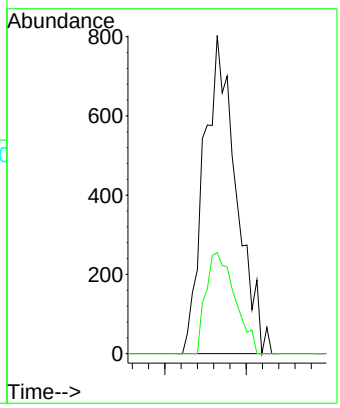
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

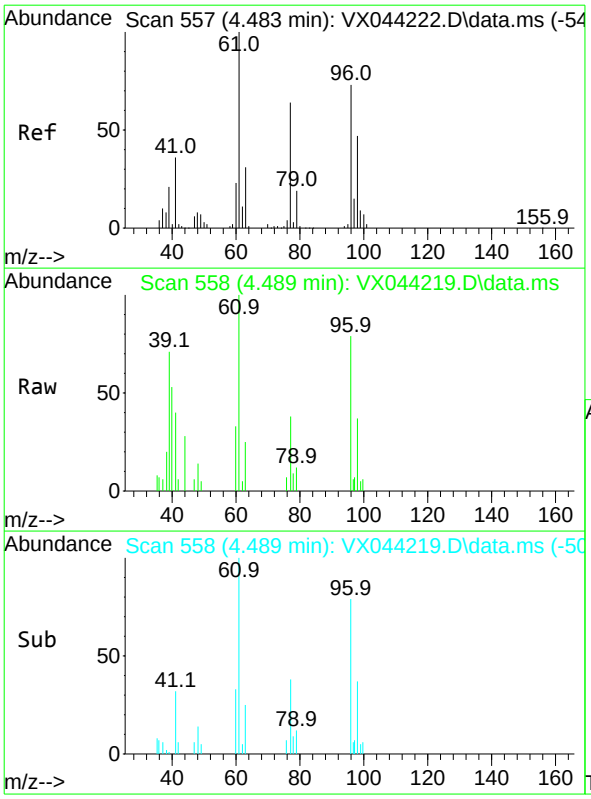


#26
2,2-Dichloropropane
Concen: 0.821 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 77 Resp: 2220

Ion	Ratio	Lower	Upper
77	100		
97	28.4	10.7	32.1

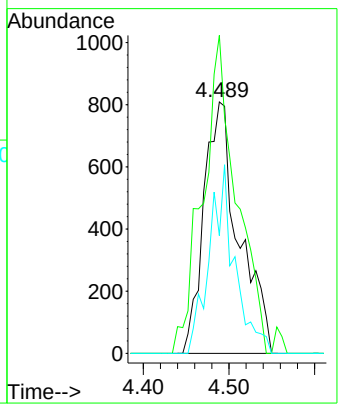




#27
cis-1,2-Dichloroethene
Concen: 1.069 ug/l
RT: 4.489 min Scan# 55
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 96 Resp: 2296

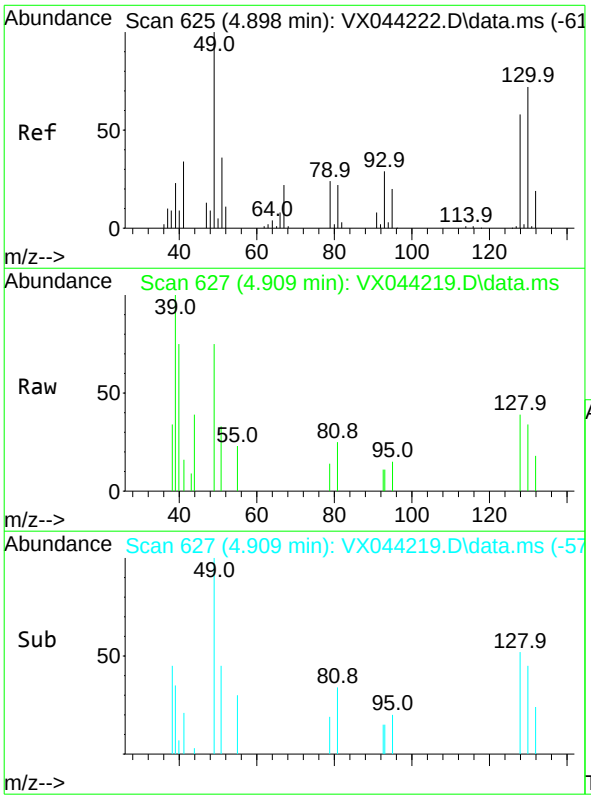
Ion	Ratio	Lower	Upper
96	100		
61	122.2	0.0	299.0
98	54.0	0.0	129.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

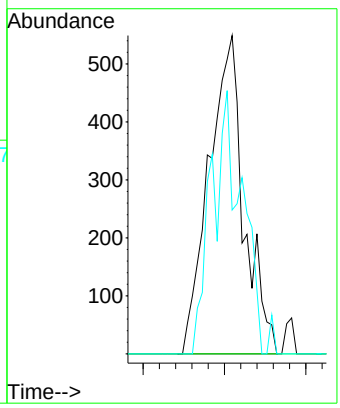
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

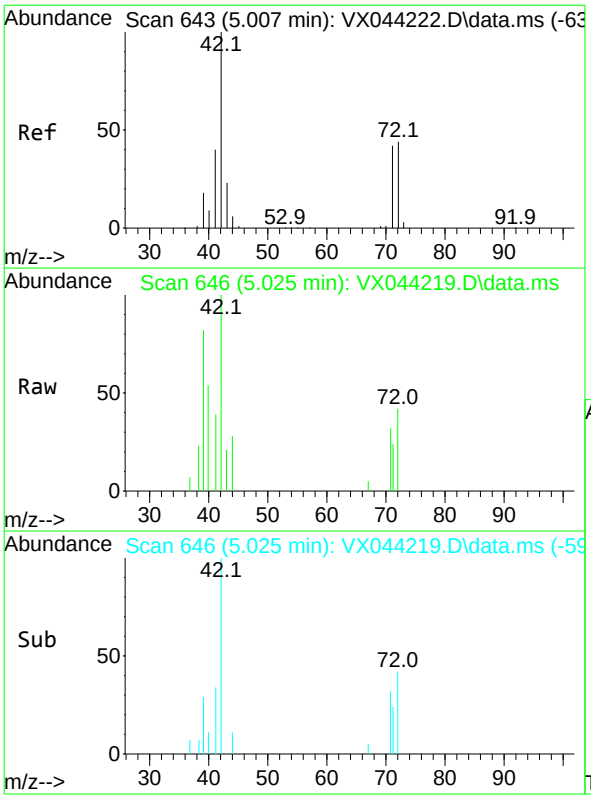


#28
Bromochloromethane
Concen: 1.006 ug/l
RT: 4.909 min Scan# 627
Delta R.T. 0.012 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 49 Resp: 1641

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	52.7	62.1	93.1#

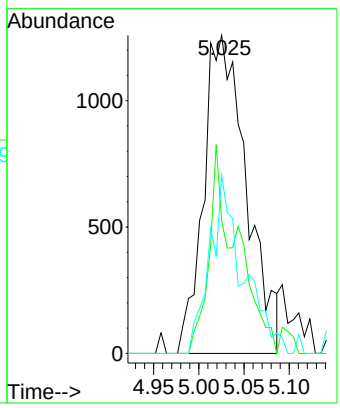




#29
Tetrahydrofuran
Concen: 4.491 ug/l
RT: 5.025 min Scan# 64
Delta R.T. 0.018 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 42 Resp: 4158

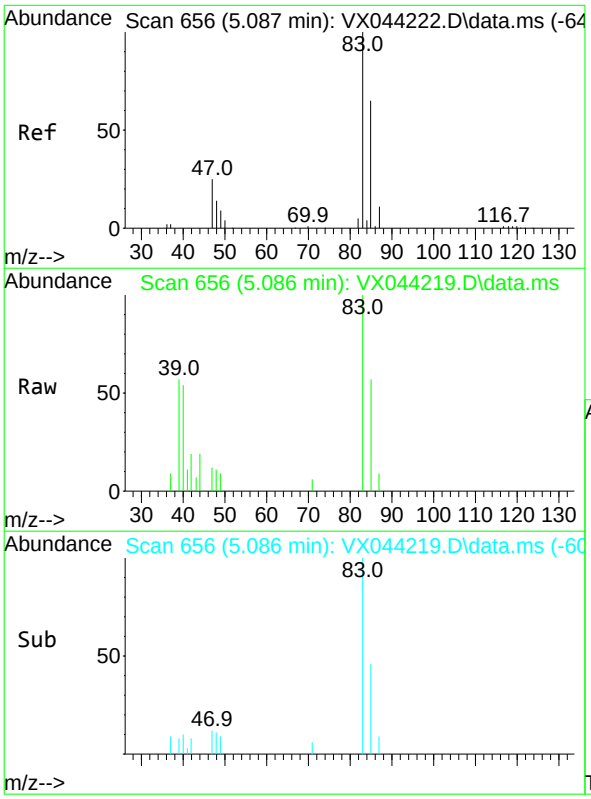
Ion	Ratio	Lower	Upper
42	100		
72	27.0	37.0	55.6#
71	43.1	33.6	50.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

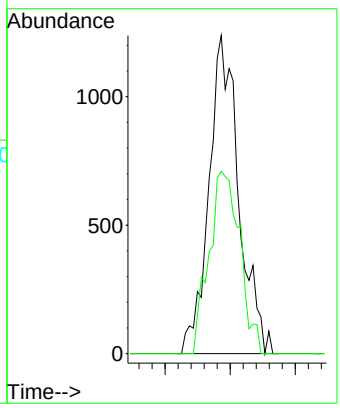
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

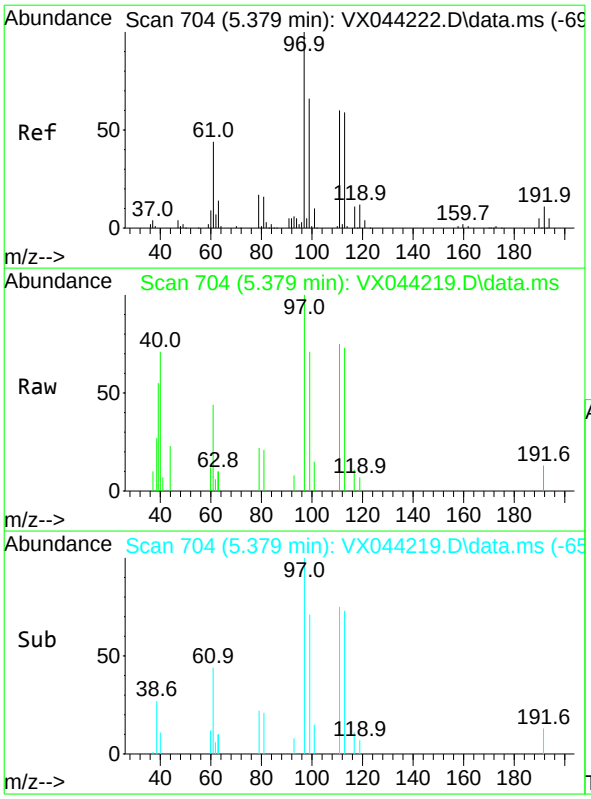


#30
Chloroform
Concen: 1.055 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 83 Resp: 3943

Ion	Ratio	Lower	Upper
83	100		
85	57.4	51.6	77.4

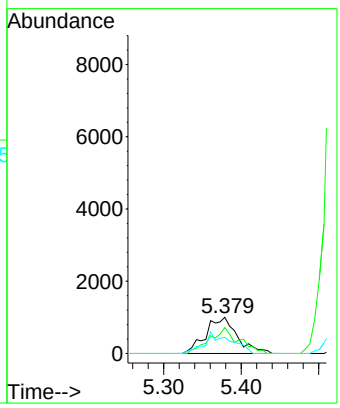




#32
1,1,1-Trichloroethane
Concen: 0.908 ug/l
RT: 5.379 min Scan# 70
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 97 Resp: 2818

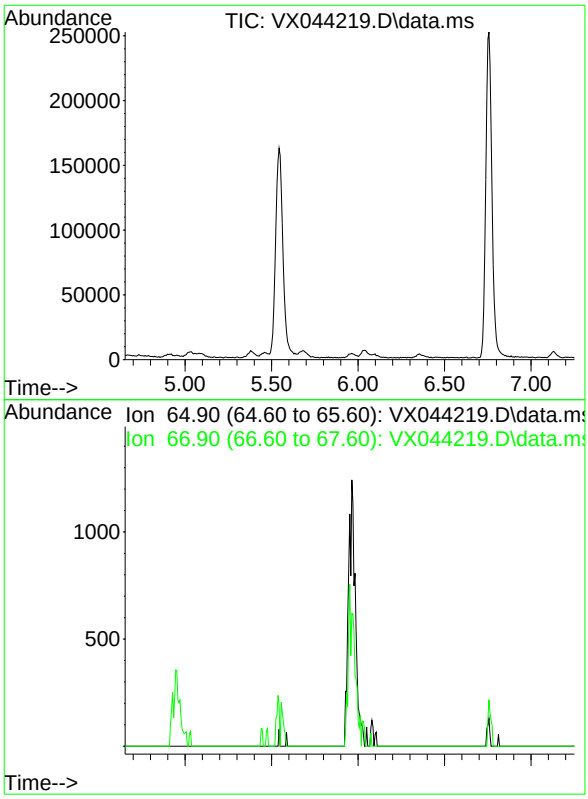
Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.8	76.2#
61	49.9	35.2	52.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

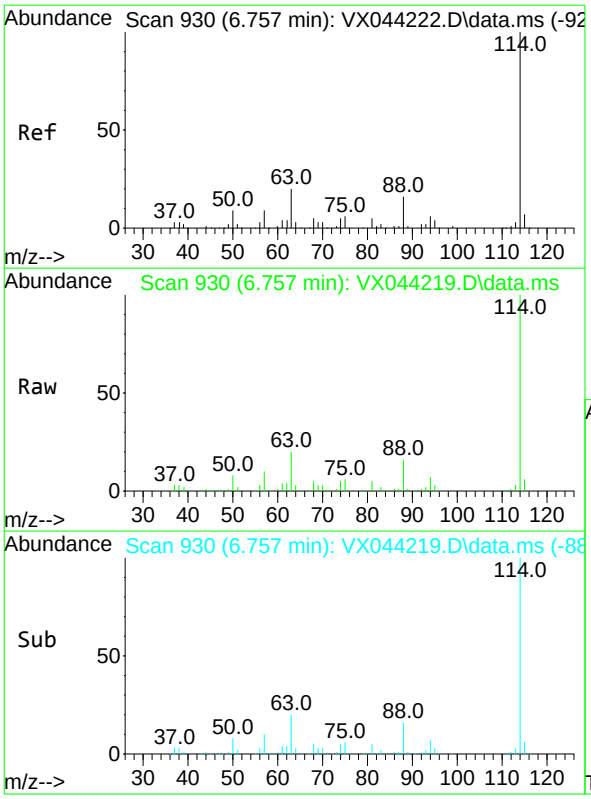


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 5.95 min

Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 65

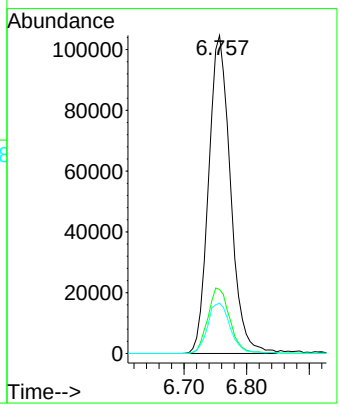
Sig	Exp Ratio
65	100
67	50.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 93
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:114 Resp: 253574

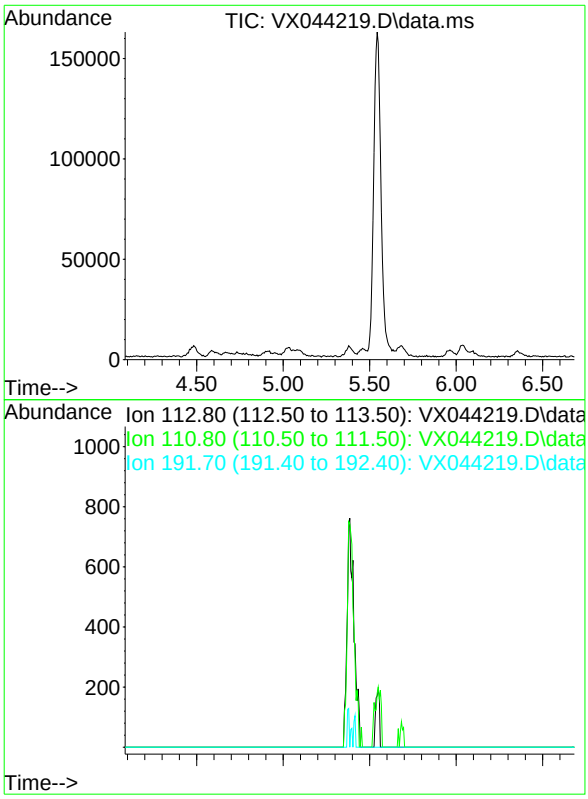
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.6
88	15.8	0.0	31.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

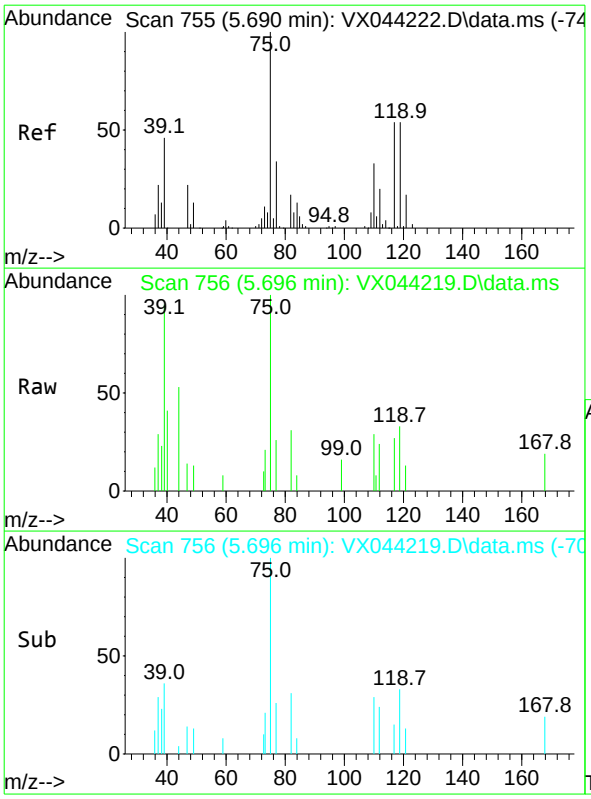


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.39 min

Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 113

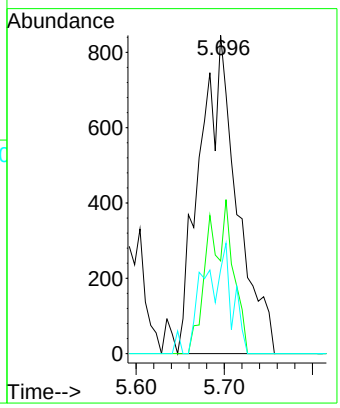
Sig	Exp Ratio
113	100
111	100.5
192	16.6



#36
1,1-Dichloropropene
Concen: 1.092 ug/l m
RT: 5.696 min Scan# 75
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 75 Resp: 2479

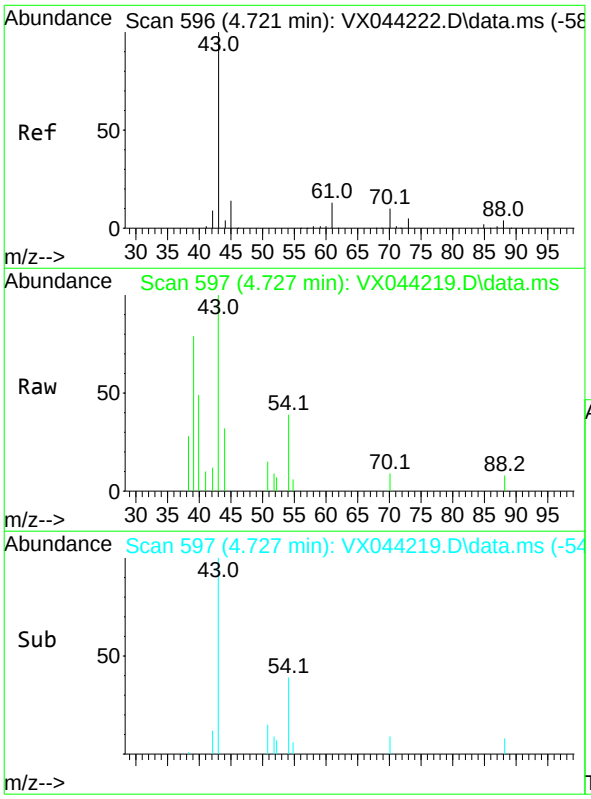
Ion	Ratio	Lower	Upper
75	100		
110	18.4	17.3	51.7
77	12.7	25.4	38.0#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

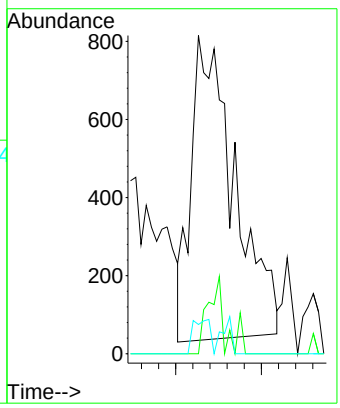
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

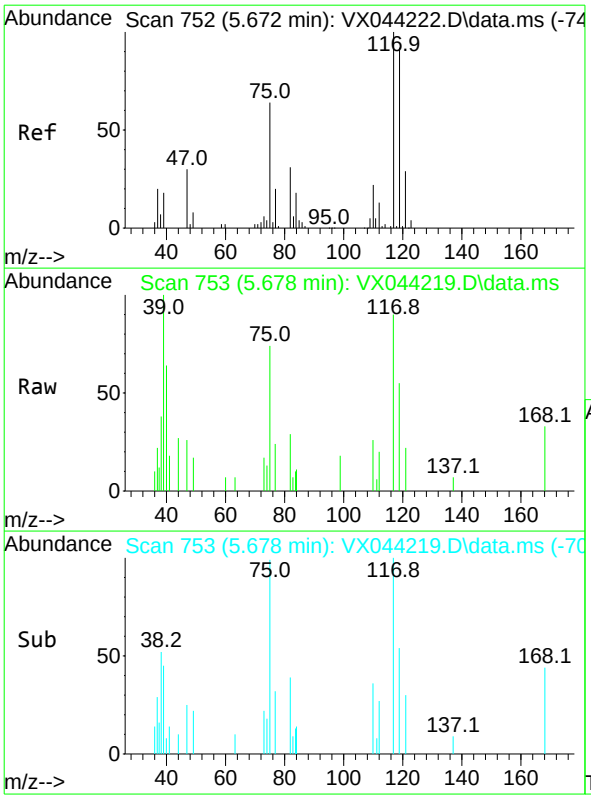


#37
Ethyl Acetate
Concen: 0.969 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 43 Resp: 2718

Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.8	14.8#
70	0.0	7.7	11.5#

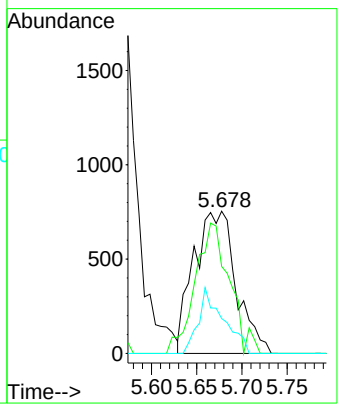




#38
Carbon Tetrachloride
Concen: 1.004 ug/l
RT: 5.678 min Scan# 75
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:117 Resp: 2454

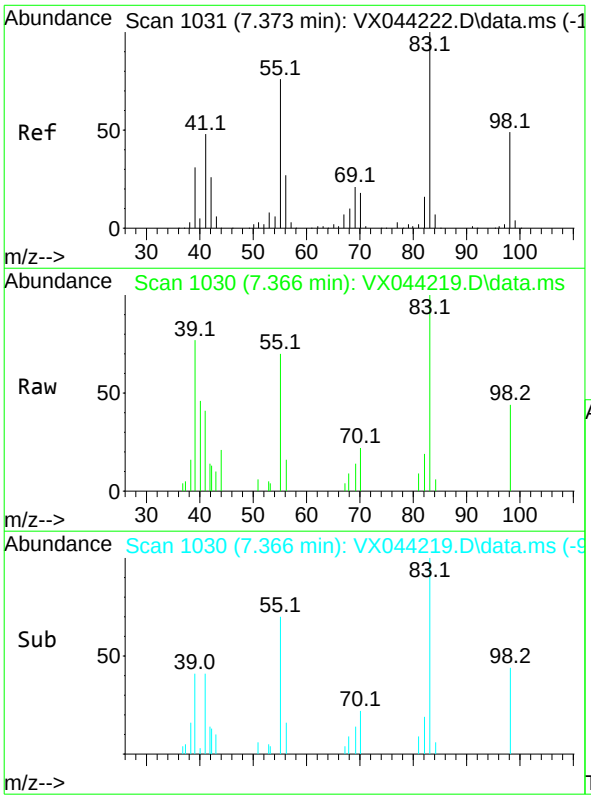
Ion	Ratio	Lower	Upper
117	100		
119	61.1	74.2	111.4#
121	24.5	23.0	34.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

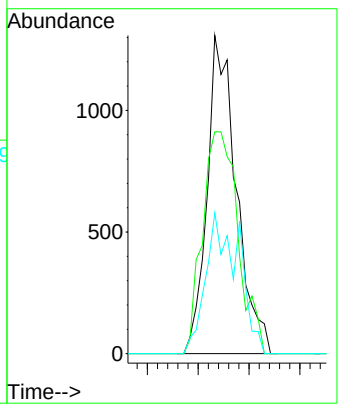
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

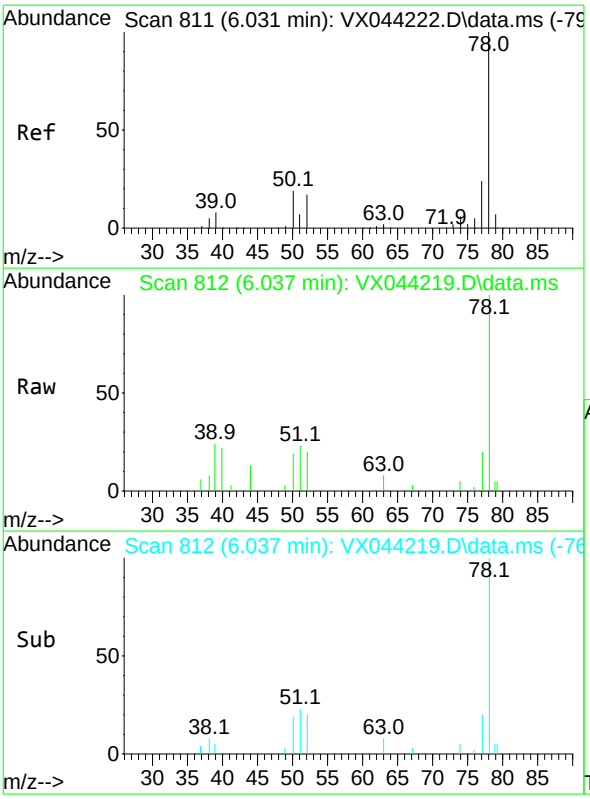


#39
Methylcyclohexane
Concen: 0.960 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 83 Resp: 2606

Ion	Ratio	Lower	Upper
83	100		
55	69.7	60.7	91.1
98	44.3	38.9	58.3

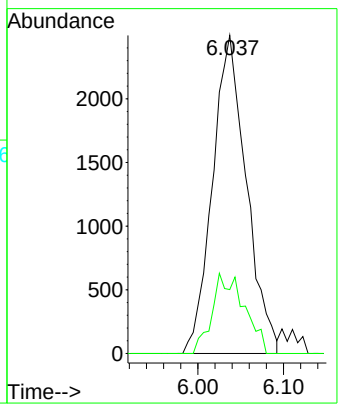




#40
Benzene
Concen: 0.996 ug/l
RT: 6.037 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 78 Resp: 6864

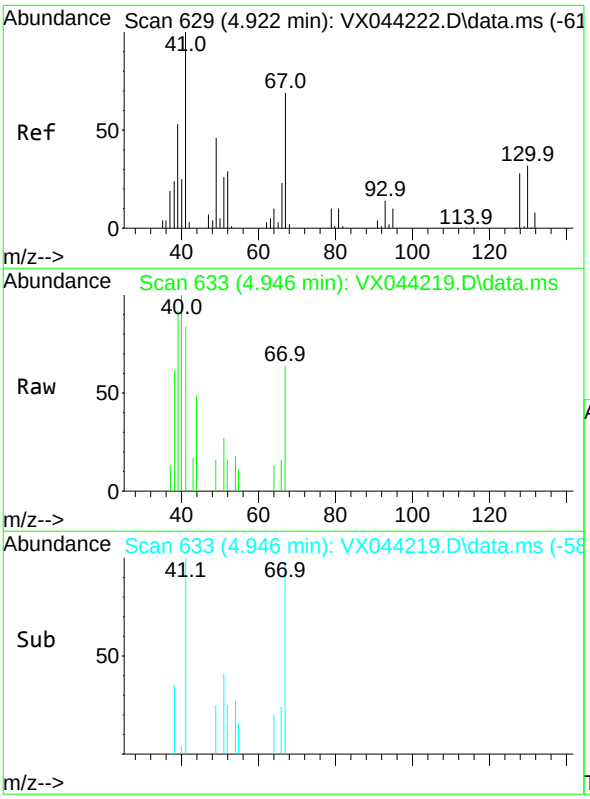
Ion	Ratio	Lower	Upper
78	100		
77	20.1	19.3	28.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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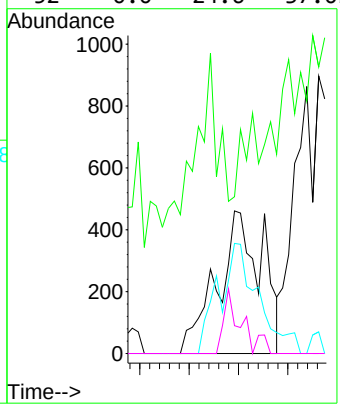
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

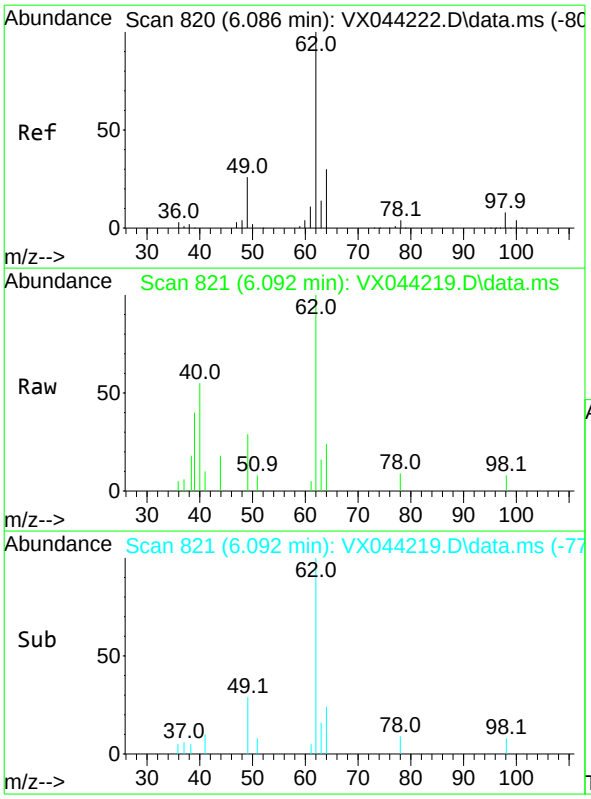


#41
Methacrylonitrile
Concen: 0.971 ug/l m
RT: 4.946 min Scan# 633
Delta R.T. 0.024 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 41 Resp: 1447

Ion	Ratio	Lower	Upper
41	100		
39	58.5	44.2	66.4
67	0.0	57.2	85.8#
52	0.0	24.6	37.0#

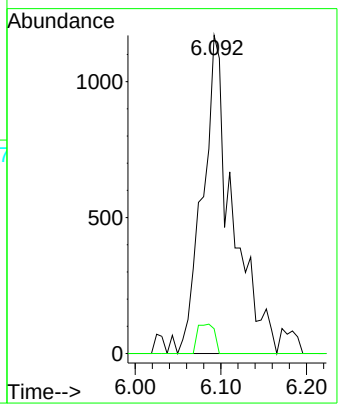




#42
1,2-Dichloroethane
Concen: 0.990 ug/l
RT: 6.092 min Scan# 82
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 62 Resp: 2810

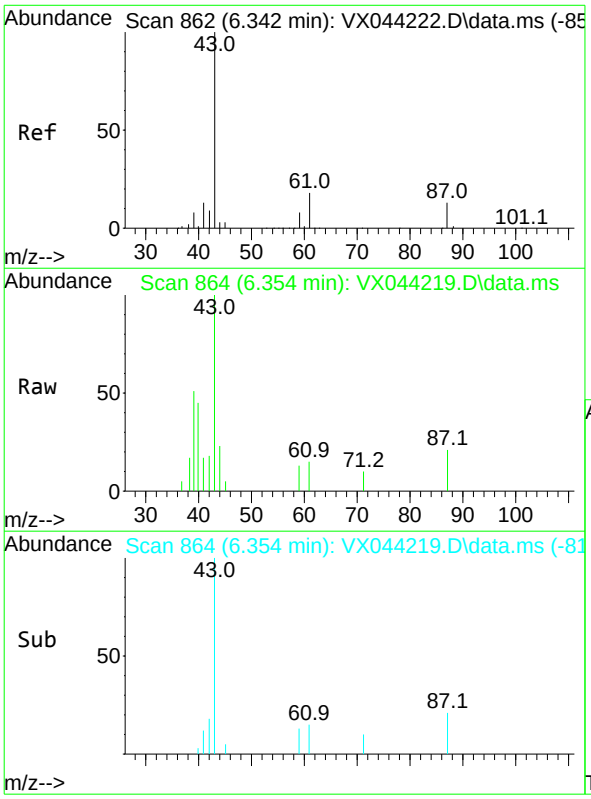
Ion	Ratio	Lower	Upper
62	100		
98	5.3	0.0	15.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

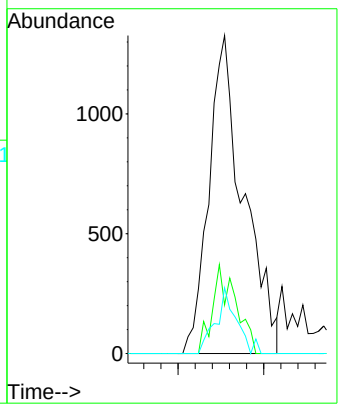
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

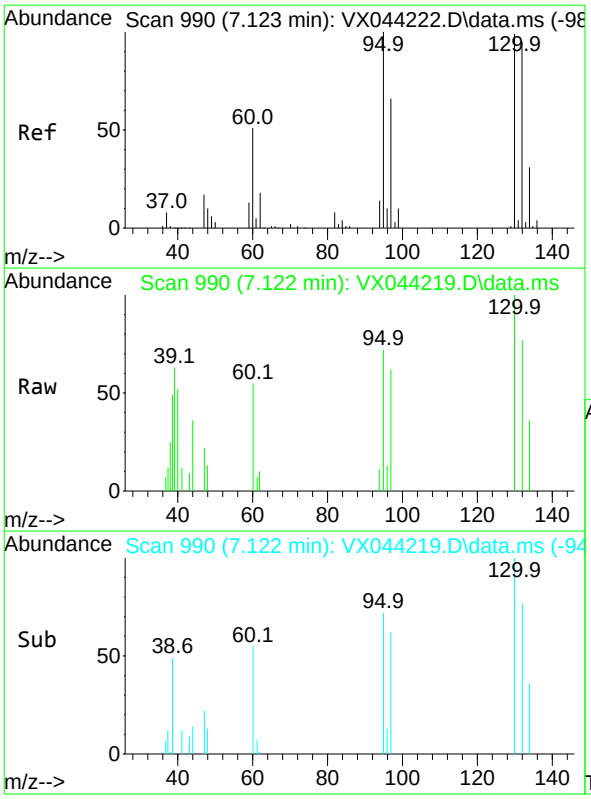


#43
Isopropyl Acetate
Concen: 0.851 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.012 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 43 Resp: 3734

Ion	Ratio	Lower	Upper
43	100		
61	18.9	14.2	21.2
87	12.4	10.2	15.2

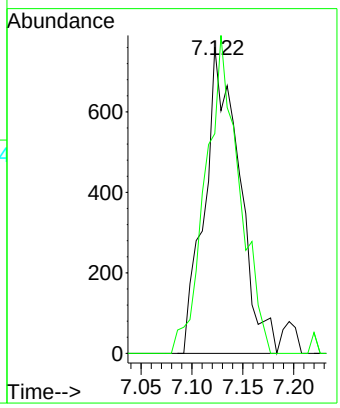




#44
Trichloroethene
Concen: 1.051 ug/l
RT: 7.122 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:130 Resp: 1806

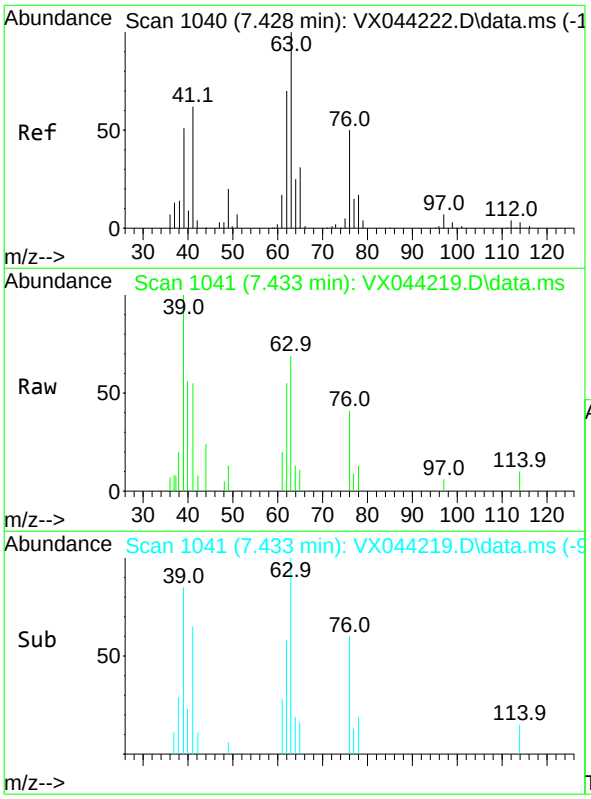
Ion	Ratio	Lower	Upper
130	100		
95	71.7	0.0	201.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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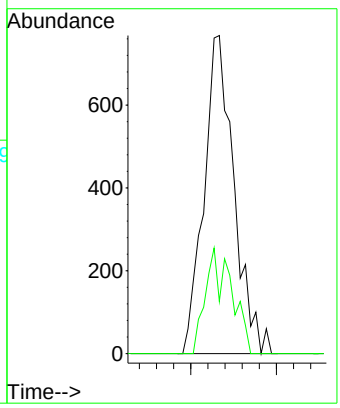
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

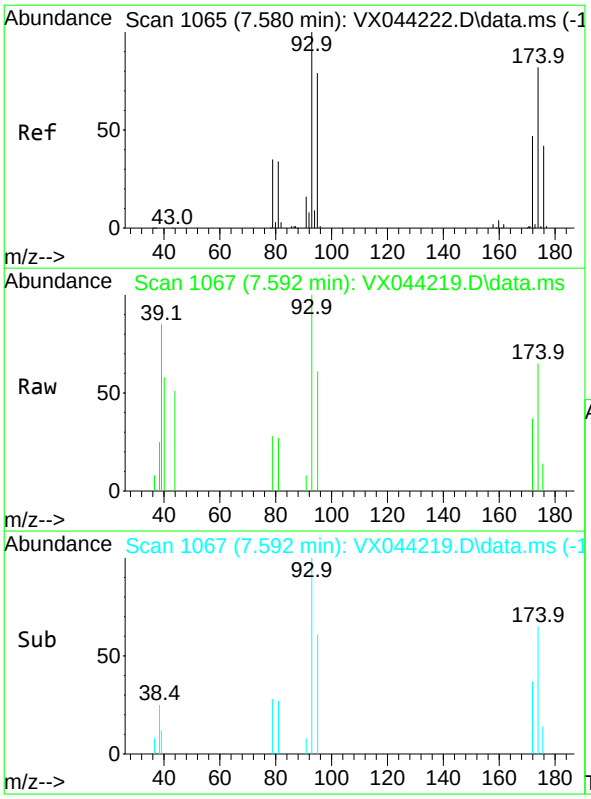


#45
1,2-Dichloropropane
Concen: 1.059 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 63 Resp: 1865

Ion	Ratio	Lower	Upper
63	100		
65	16.4	24.6	37.0#

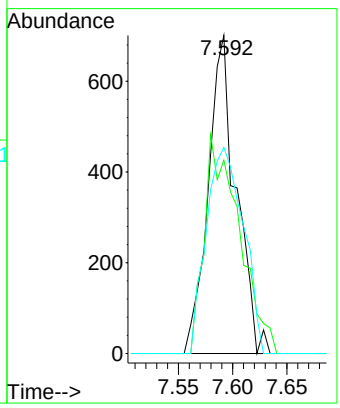




#46
Dibromomethane
Concen: 0.916 ug/l
RT: 7.592 min Scan# 10
Delta R.T. 0.012 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 93 Resp: 1251

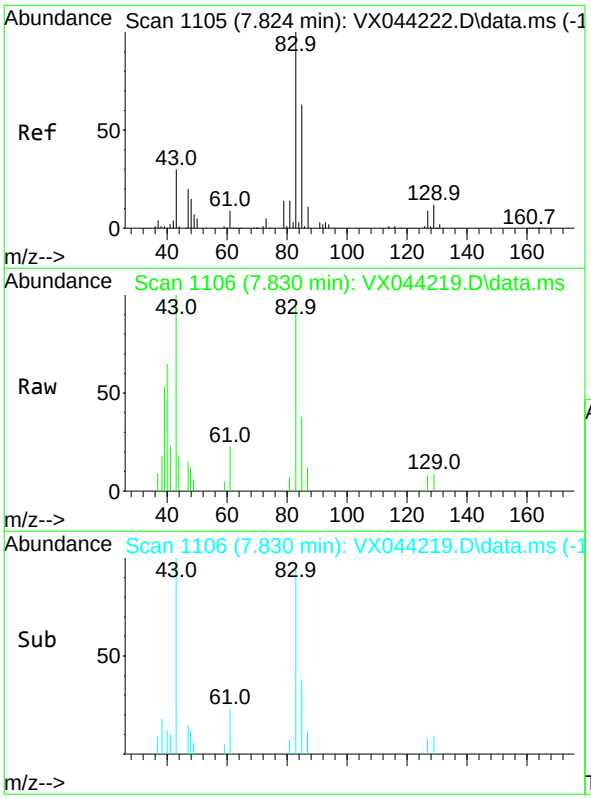
Ion	Ratio	Lower	Upper
93	100		
95	85.8	65.4	98.2
174	86.3	67.9	101.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

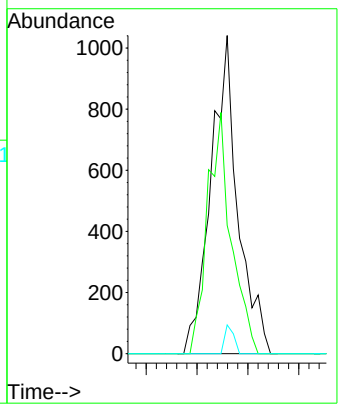
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

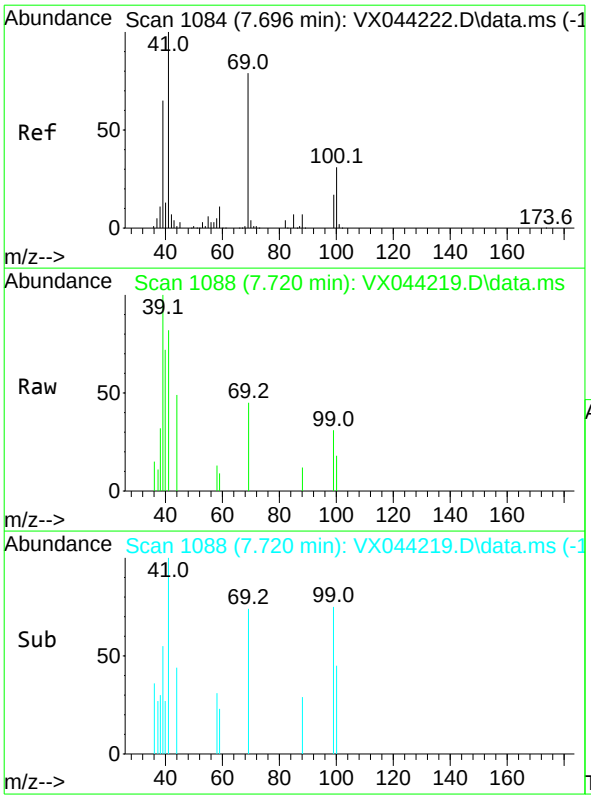


#47
Bromodichloromethane
Concen: 0.816 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 83 Resp: 1926

Ion	Ratio	Lower	Upper
83	100		
85	40.3	50.6	75.8#
127	9.0	7.3	10.9

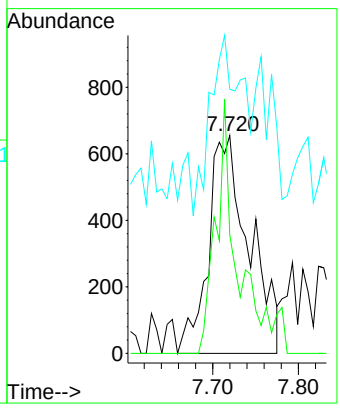




#48
Methyl methacrylate
Concen: 1.018 ug/l
RT: 7.720 min Scan# 10
Delta R.T. 0.024 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 41 Resp: 2168

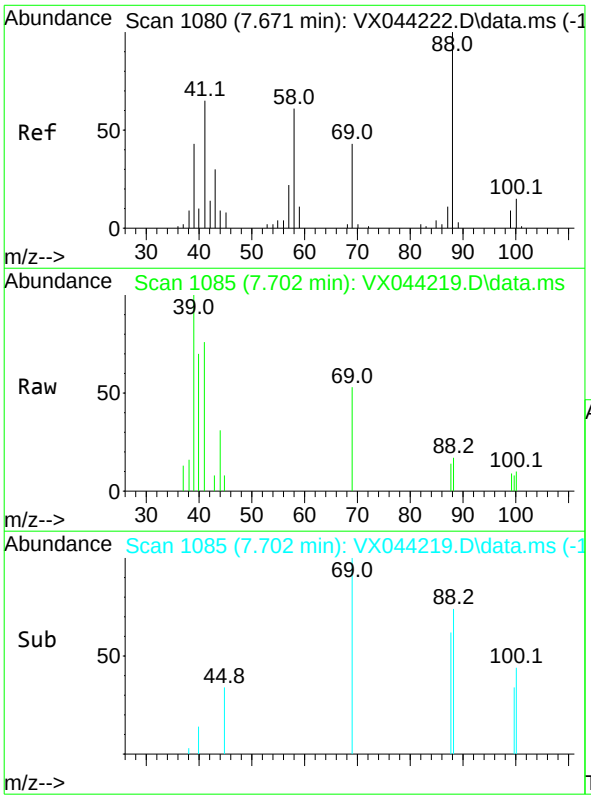
Ion	Ratio	Lower	Upper
41	100		
69	43.9	62.4	93.6#
39	64.1	53.3	79.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

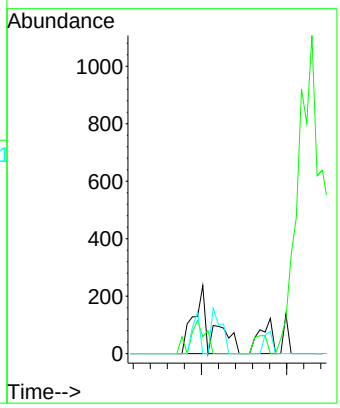
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

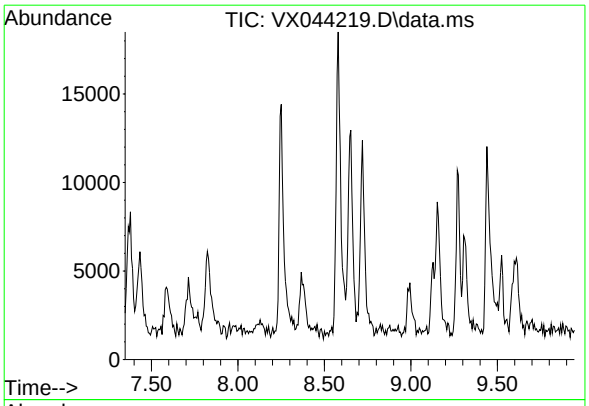


#49
1,4-Dioxane
Concen: 13.522 ug/l m
RT: 7.702 min Scan# 1085
Delta R.T. 0.030 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 88 Resp: 492

Ion	Ratio	Lower	Upper
88	100		
43	28.9	27.1	40.7
58	17.7	41.0	61.4#





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

Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

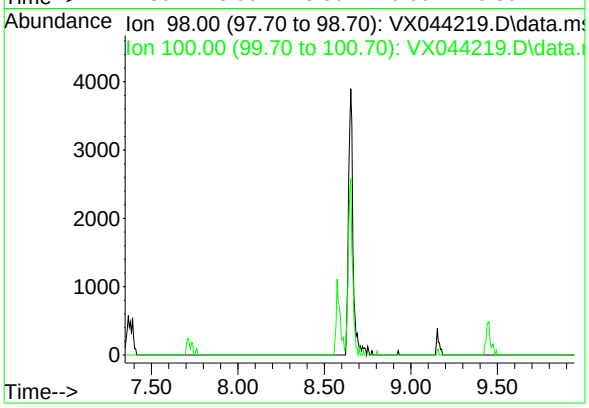
Tgt Ion: 98

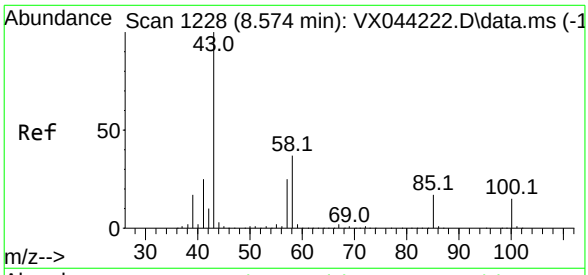
Sig	Exp Ratio
98	100
100	64.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

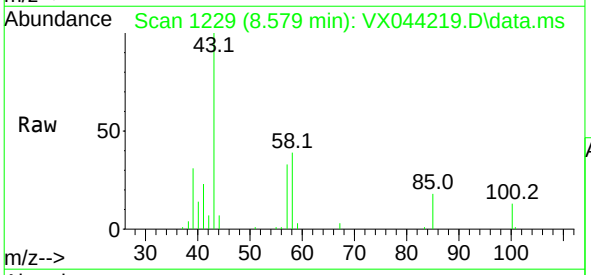


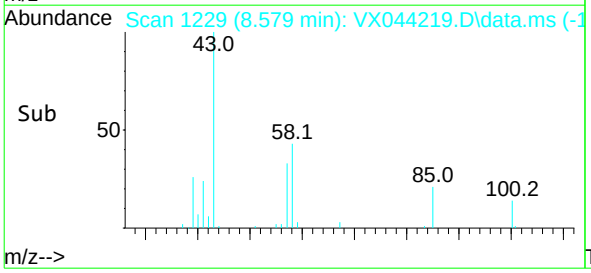


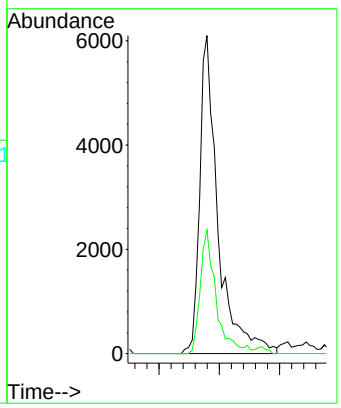
#51
4-Methyl-2-Pentanone
Concen: 4.547 ug/l
RT: 8.579 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

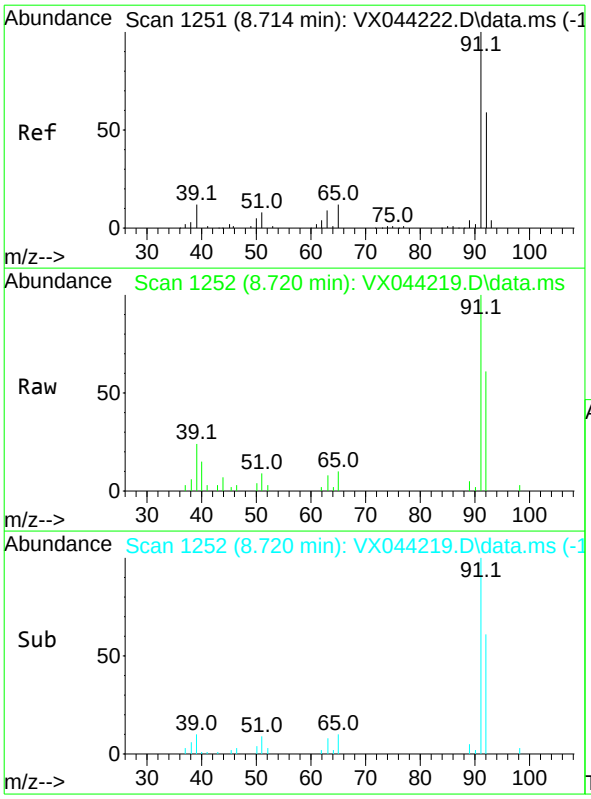
Tgt Ion: 43 Resp: 12824

Ion	Ratio	Lower	Upper
43	100		
58	34.0	29.4	44.0





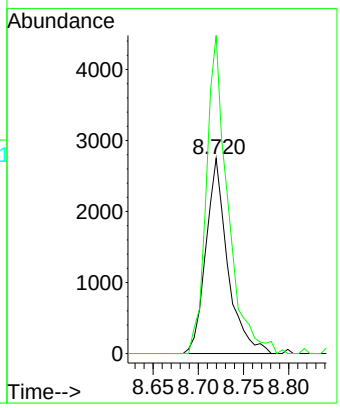




#52
Toluene
Concen: 1.064 ug/l
RT: 8.720 min Scan# 12
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 92 Resp: 4606

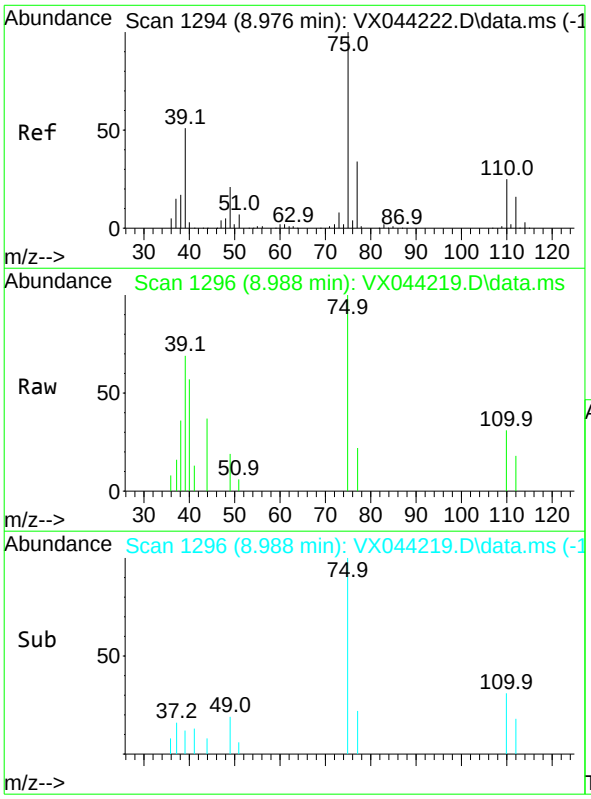
Ion	Ratio	Lower	Upper
92	100		
91	160.1	137.0	205.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

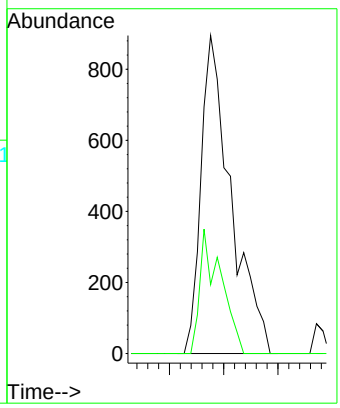
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

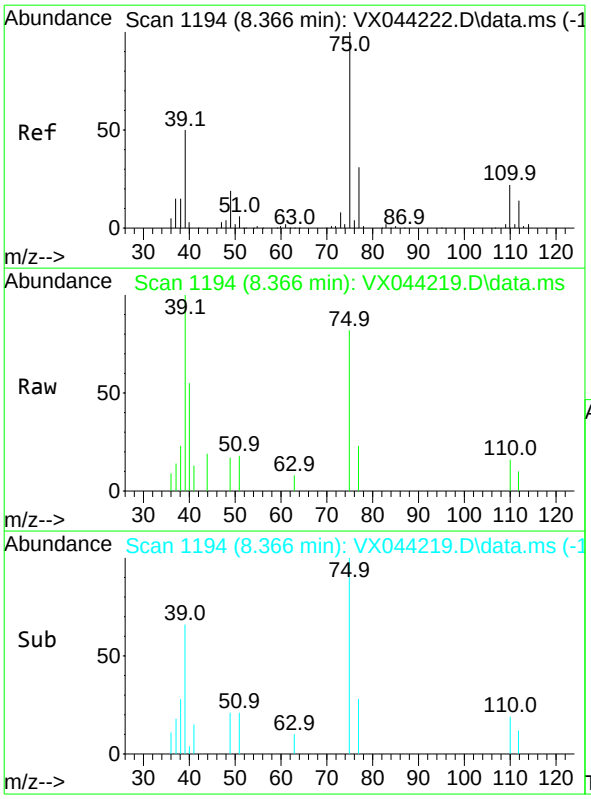


#53
t-1,3-Dichloropropene
Concen: 1.694 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.012 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 75 Resp: 1716

Ion	Ratio	Lower	Upper
75	100		
77	21.7	27.2	40.8#

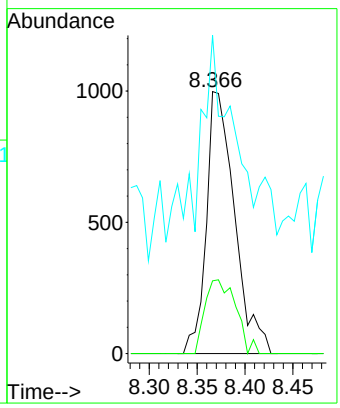




#54
cis-1,3-Dichloropropene
Concen: 0.797 ug/l
RT: 8.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 75 Resp: 2048

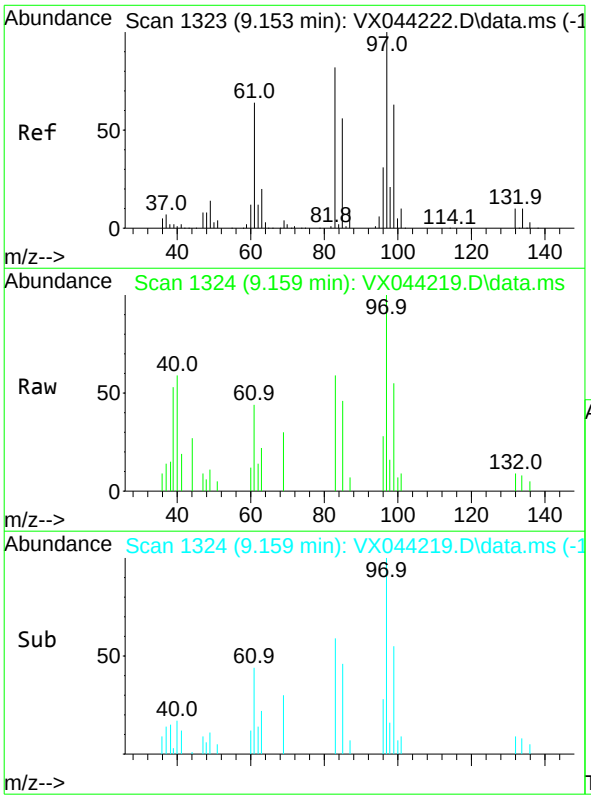
Ion	Ratio	Lower	Upper
75	100		
77	27.8	24.7	37.1
39	76.2	40.3	60.5#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

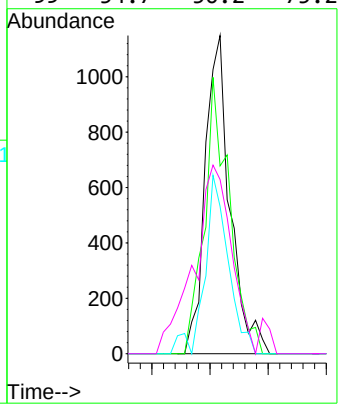
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

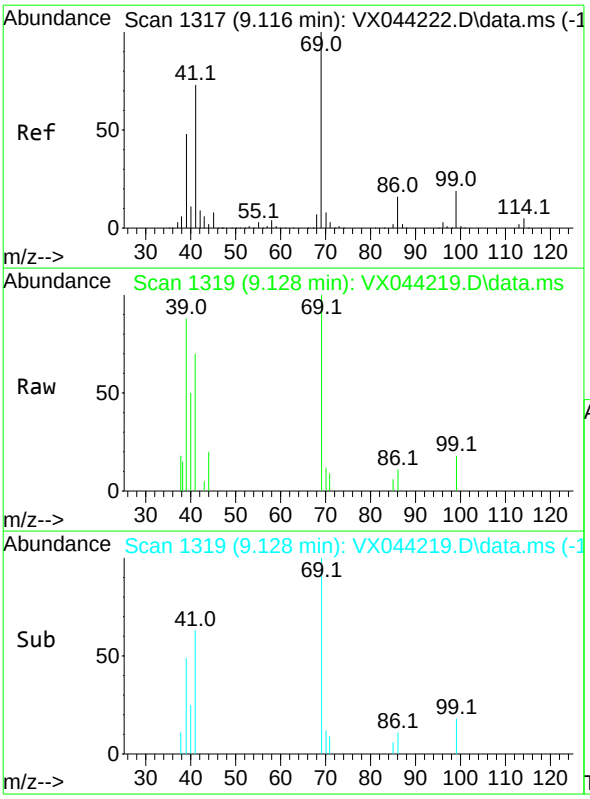


#55
1,1,2-Trichloroethane
Concen: 0.994 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 97 Resp: 1710

Ion	Ratio	Lower	Upper
97	100		
83	59.0	65.3	97.9#
85	46.3	44.6	67.0
99	54.7	50.2	75.2

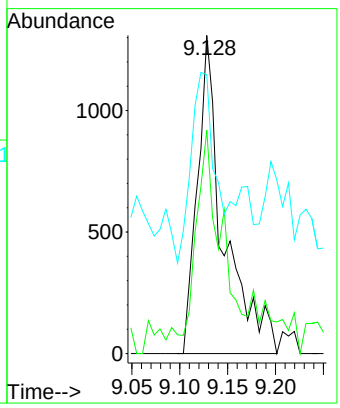




#56
Ethyl methacrylate
Concen: 0.917 ug/l
RT: 9.128 min Scan# 13
Delta R.T. 0.012 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 69 Resp: 2490

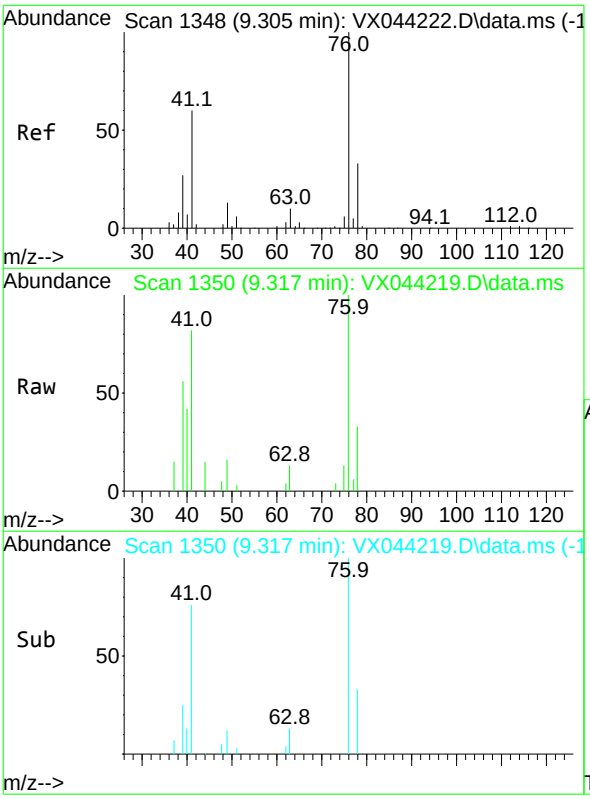
Ion	Ratio	Lower	Upper
69	100		
41	55.7	56.6	85.0#
39	53.1	37.4	56.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

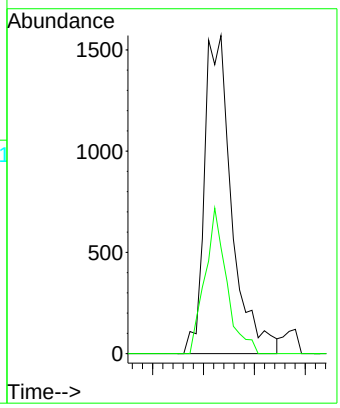
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

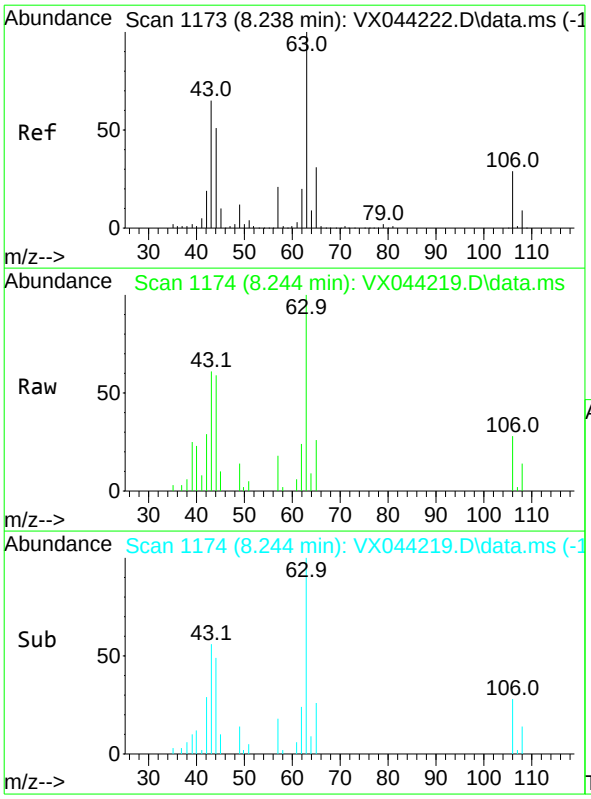


#57
1,3-Dichloropropane
Concen: 0.979 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.012 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 76 Resp: 2929

Ion	Ratio	Lower	Upper
76	100		
78	36.5	26.5	39.7

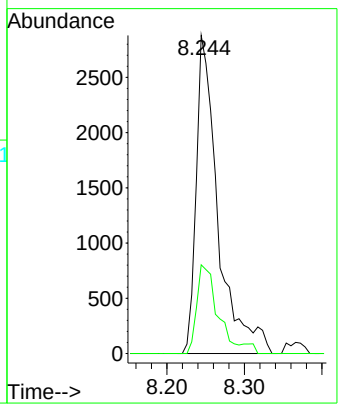




#58
2-Chloroethyl Vinyl ether
Concen: 4.105 ug/l
RT: 8.244 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 63 Resp: 5621

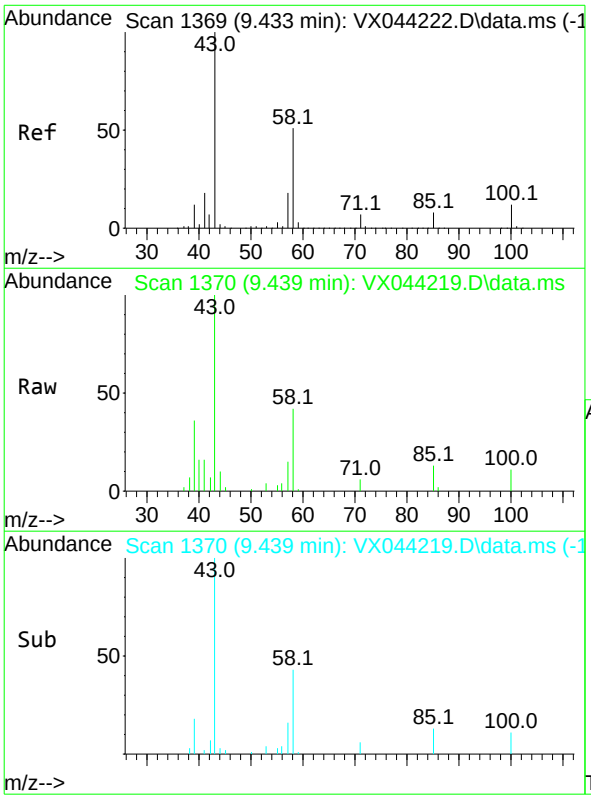
Ion	Ratio	Lower	Upper
63	100		
106	26.2	22.8	34.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

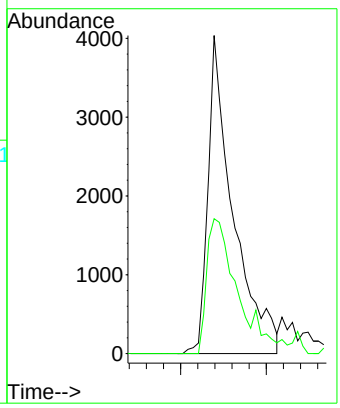
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

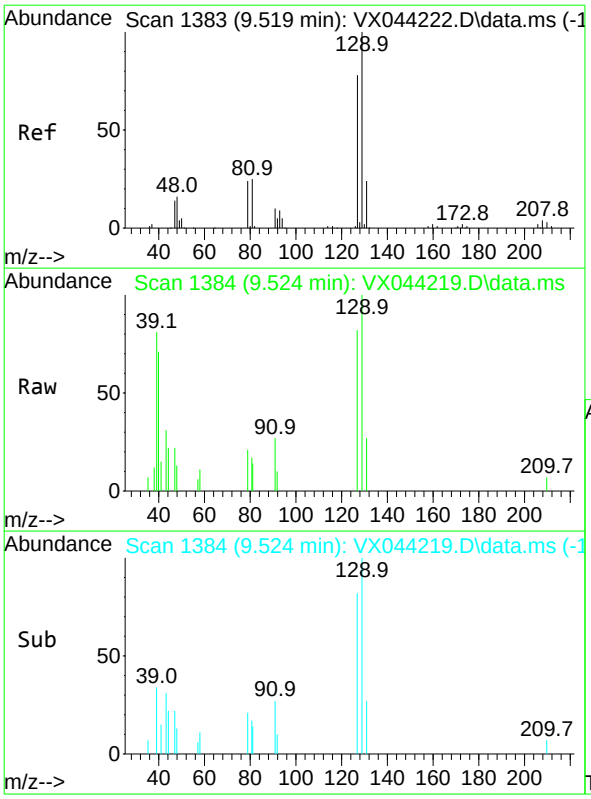


#59
2-Hexanone
Concen: 4.017 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 43 Resp: 8199

Ion	Ratio	Lower	Upper
43	100		
58	52.5	25.7	77.0

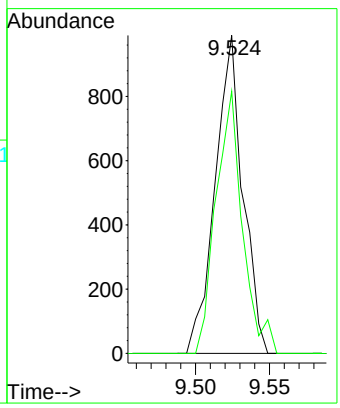




#60
Dibromochloromethane
Concen: 1.953 ug/l
RT: 9.524 min Scan# 13
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:129 Resp: 1289

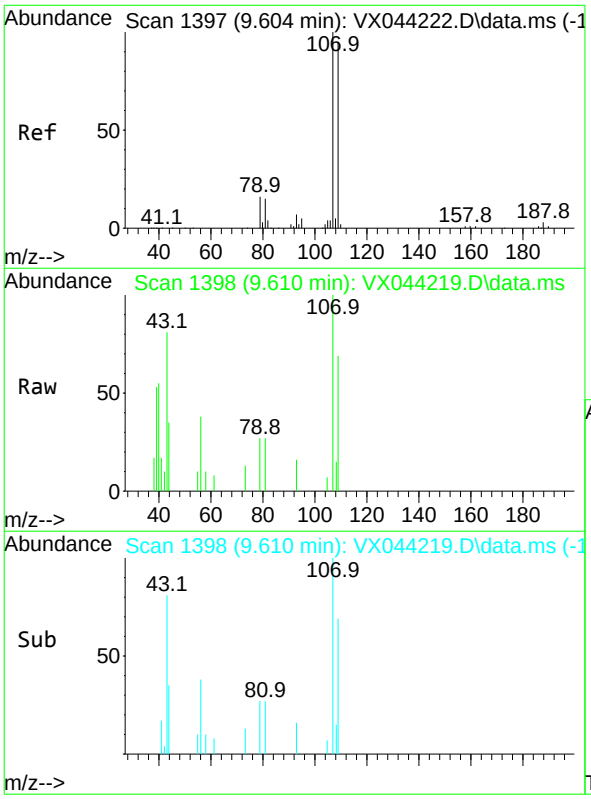
Ion	Ratio	Lower	Upper
129	100		
127	79.2	38.5	115.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

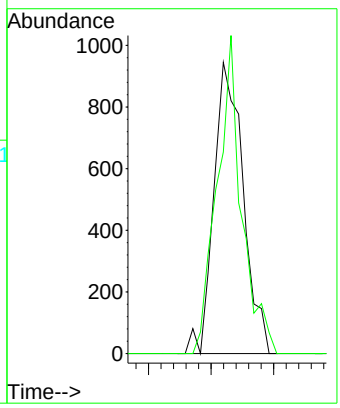
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

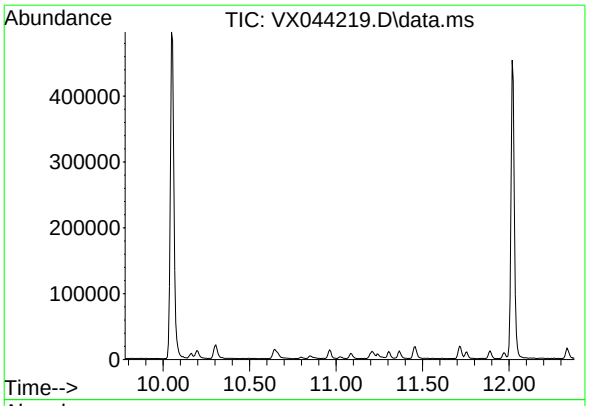


#61
1,2-Dibromoethane
Concen: 0.877 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:107 Resp: 1535

Ion	Ratio	Lower	Upper
107	100		
109	91.3	77.0	115.4





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

Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

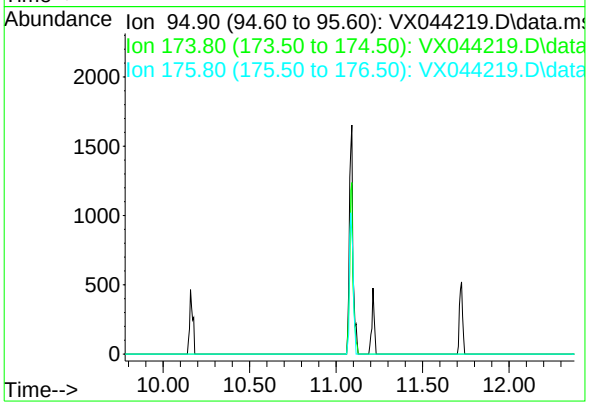
Tgt Ion: 95

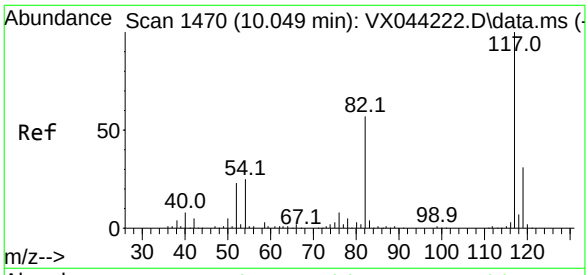
Sig	Exp Ratio
95	100
174	72.9
176	68.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

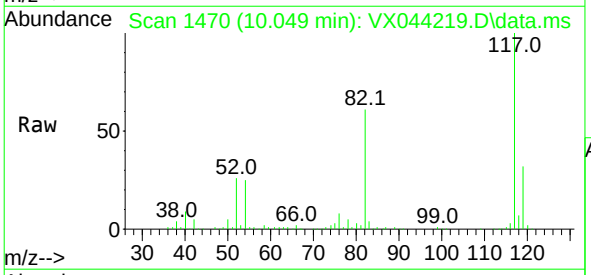


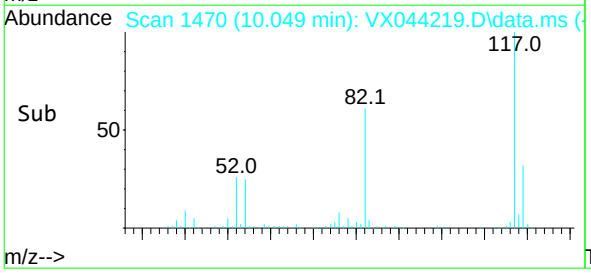


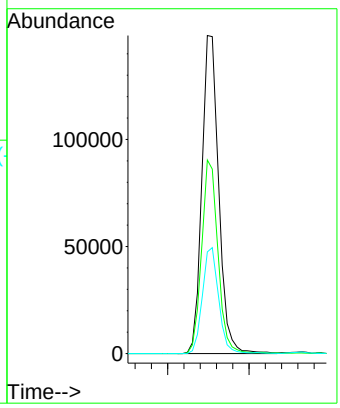
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

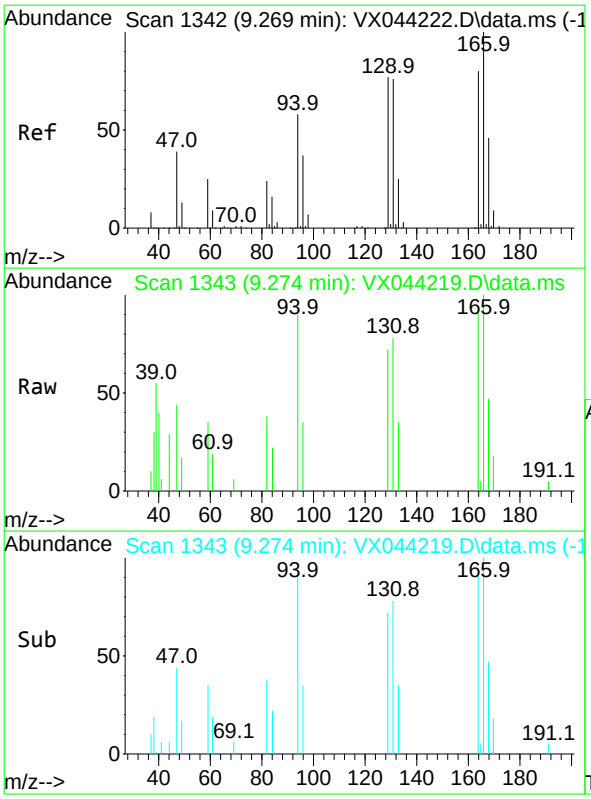
Tgt Ion:117 Resp: 213862

Ion	Ratio	Lower	Upper
117	100		
82	60.9	45.8	68.8
119	32.0	25.0	37.4





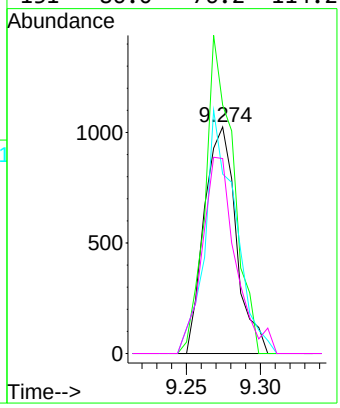




#64
Tetrachloroethene
Concen: 1.082 ug/l
RT: 9.274 min Scan# 13
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:164 Resp: 1536

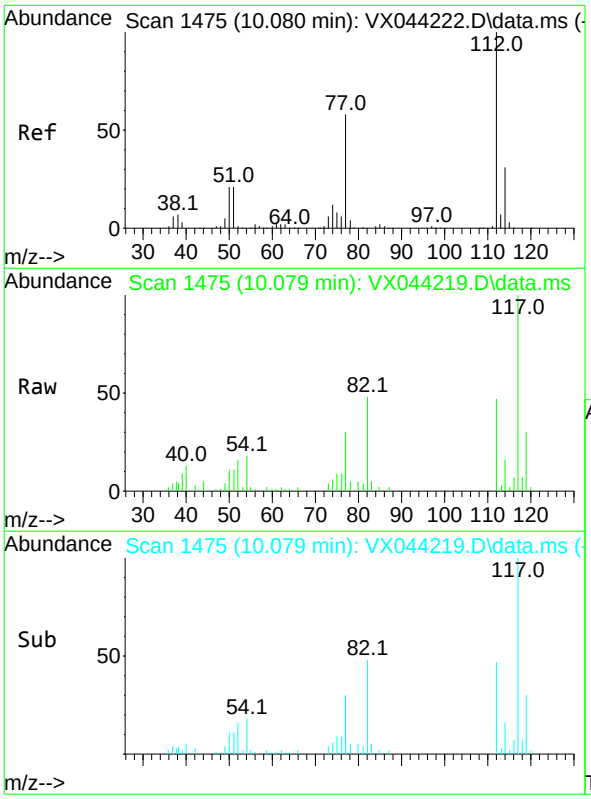
Ion	Ratio	Lower	Upper
164	100		
166	109.7	100.4	150.6
129	79.2	77.2	115.8
131	86.0	76.2	114.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

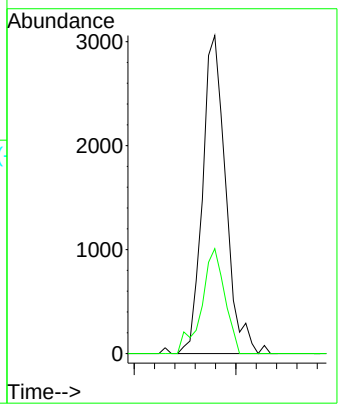
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

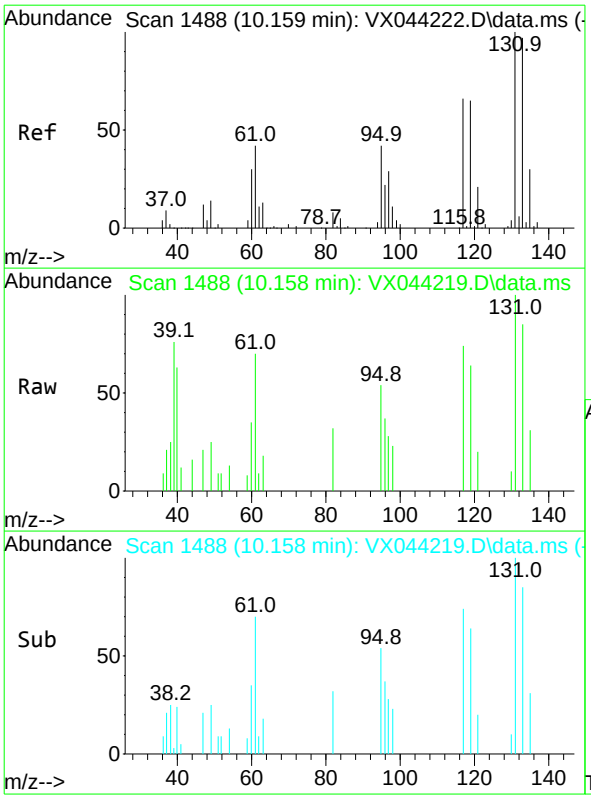


#65
Chlorobenzene
Concen: 1.055 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:112 Resp: 4835

Ion	Ratio	Lower	Upper
112	100		
114	33.0	25.0	37.6

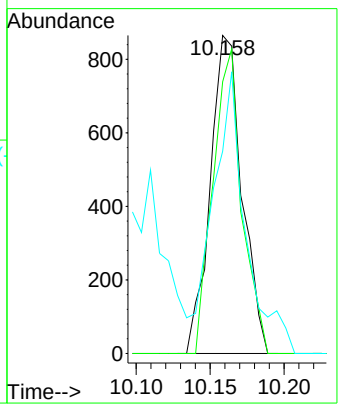




#66
1,1,1,2-Tetrachloroethane
Concen: 0.875 ug/l
RT: 10.158 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:131 Resp: 1288

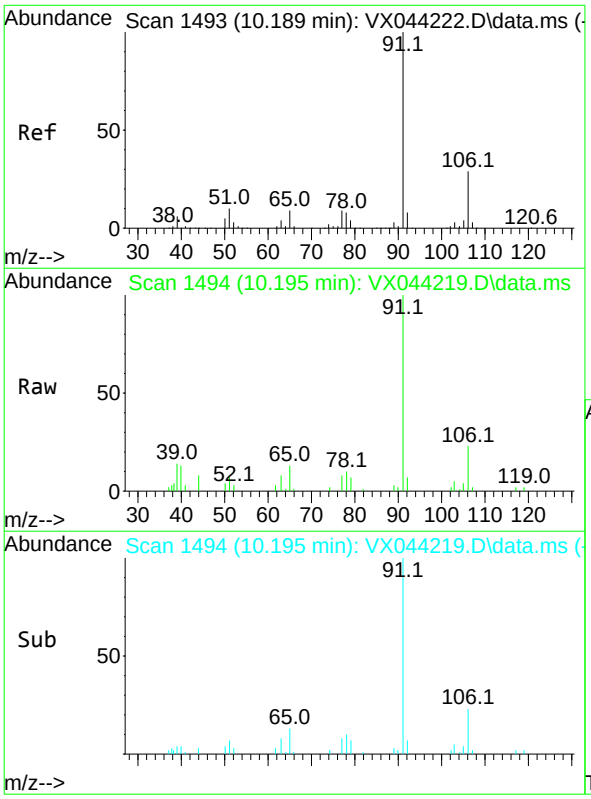
Ion	Ratio	Lower	Upper
131	100		
133	87.3	47.3	141.8
119	0.0	31.6	95.0#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

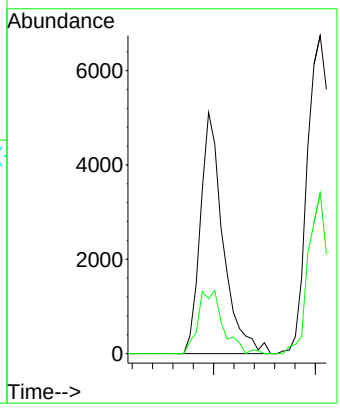
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

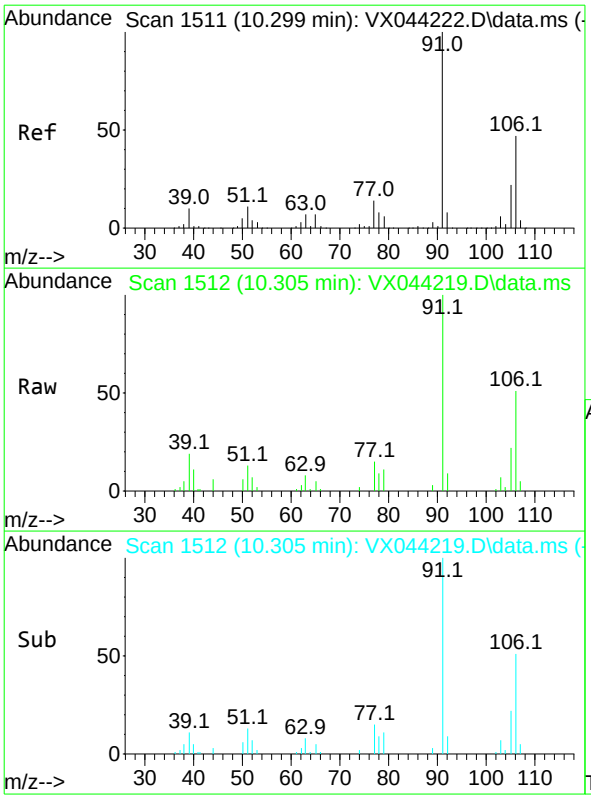


#67
Ethyl Benzene
Concen: 1.001 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 91 Resp: 7924

Ion	Ratio	Lower	Upper
91	100		
106	22.7	23.5	35.3#

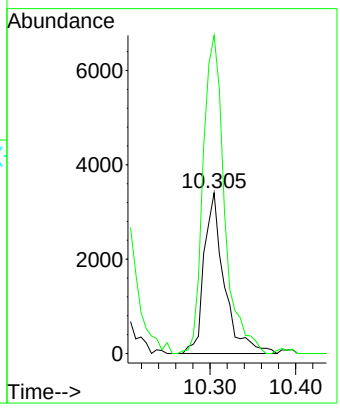




#68
m/p-Xylenes
Concen: 1.922 ug/l
RT: 10.305 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:106 Resp: 5583

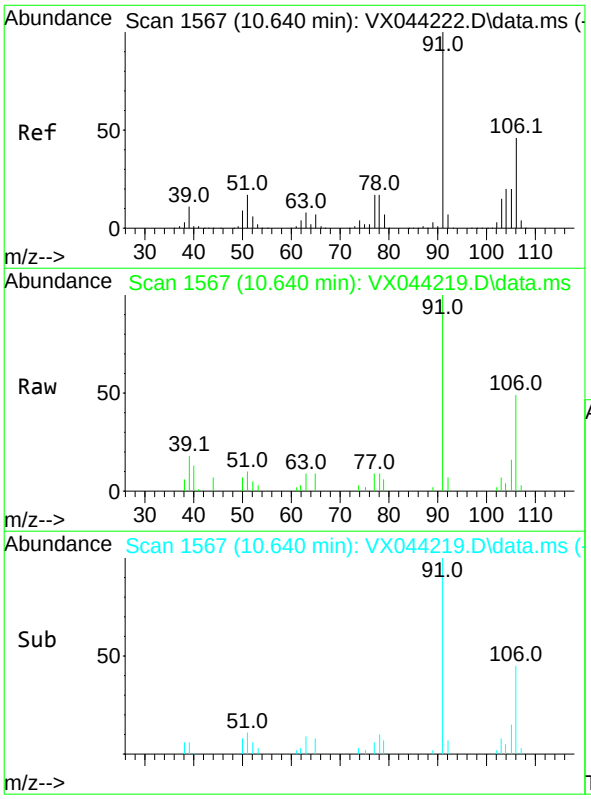
Ion	Ratio	Lower	Upper
106	100		
91	210.1	170.2	255.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

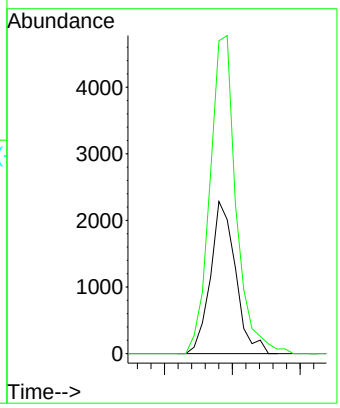
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

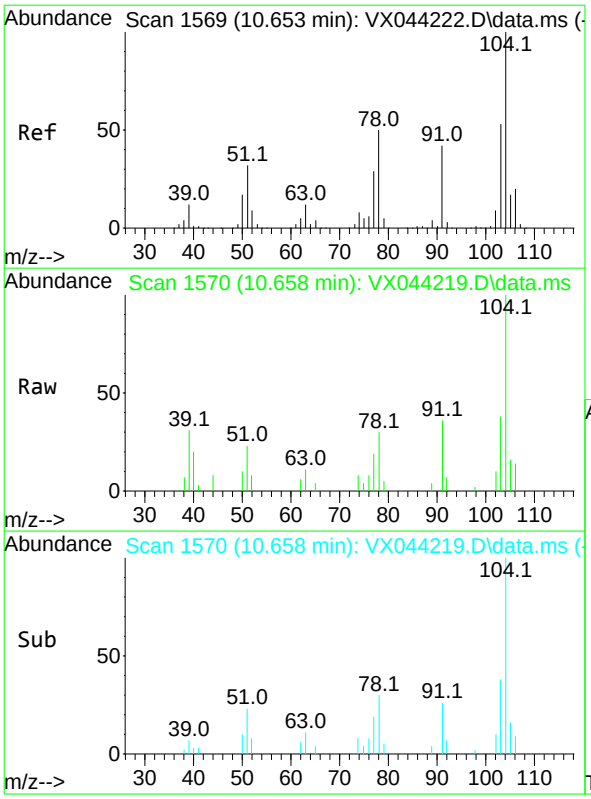


#69
o-Xylene
Concen: 0.998 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:106 Resp: 2933

Ion	Ratio	Lower	Upper
106	100		
91	218.2	112.3	337.0

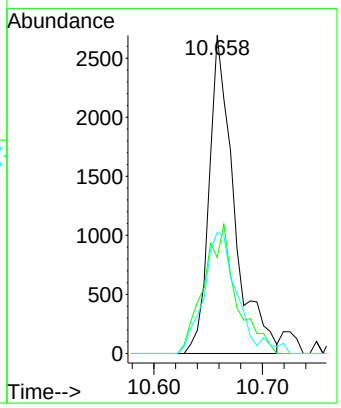




#70
Styrene
Concen: 0.914 ug/l
RT: 10.658 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:104 Resp: 4306

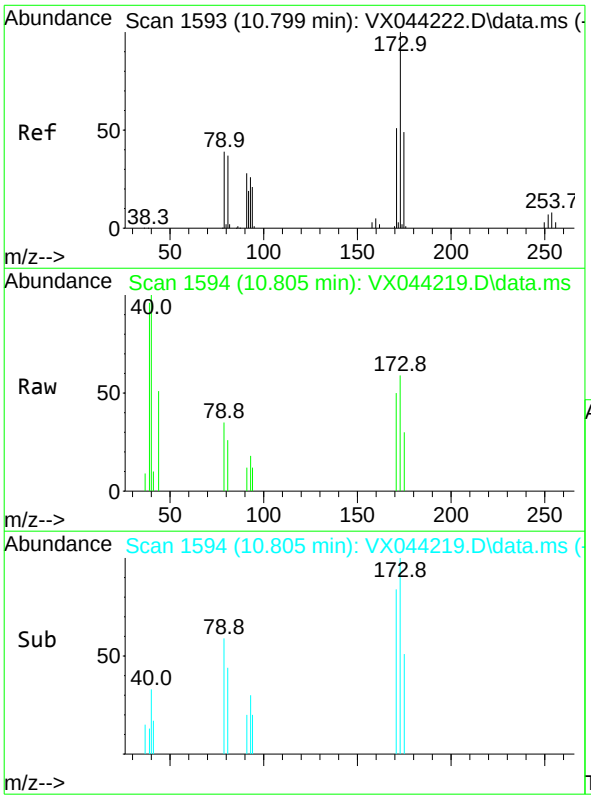
Ion	Ratio	Lower	Upper
104	100		
78	52.8	44.6	67.0
103	51.2	45.4	68.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

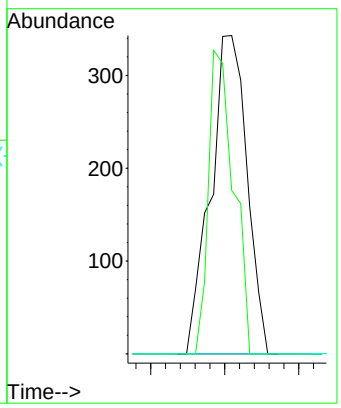
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

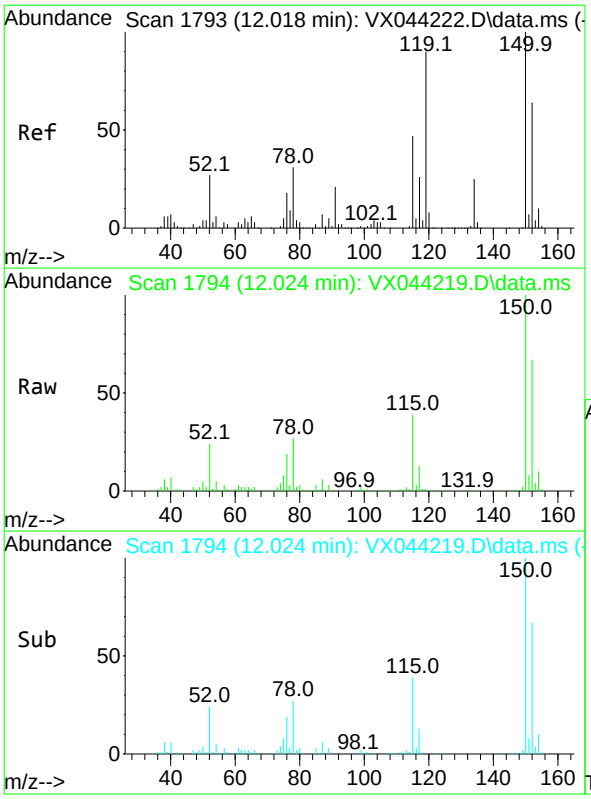


#71
Bromoform
Concen: 1.847 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:173 Resp: 584

Ion	Ratio	Lower	Upper
173	100		
175	66.1	23.8	71.4
254	0.0	0.0	0.0

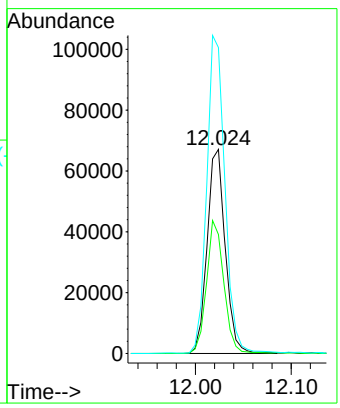




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 17
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:152 Resp: 88334

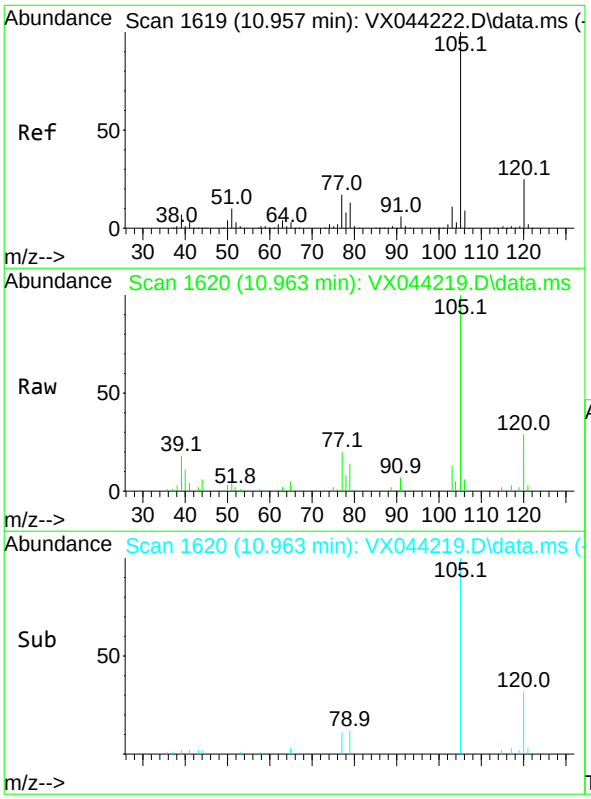
Ion	Ratio	Lower	Upper
152	100		
115	62.1	44.5	133.3
150	155.1	0.0	353.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

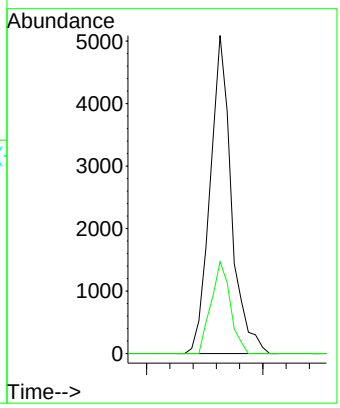
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

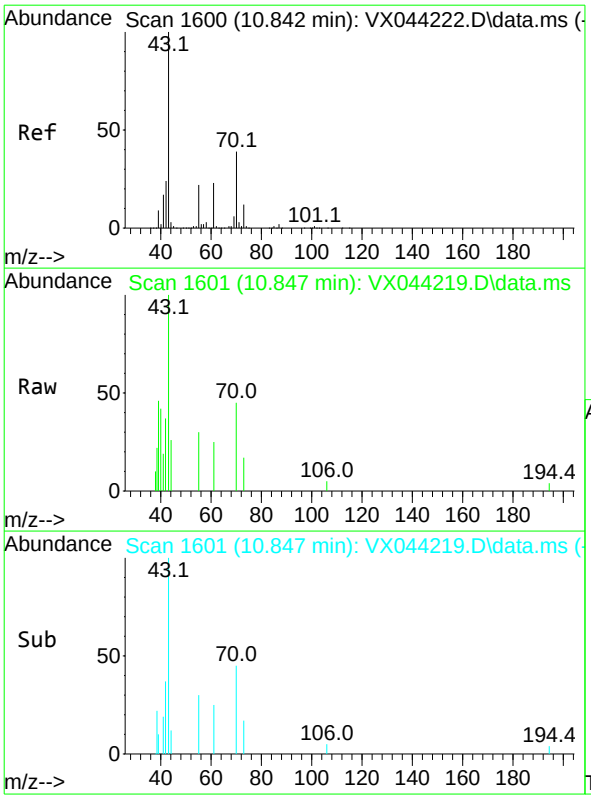


#73
Isopropylbenzene
Concen: 0.957 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:105 Resp: 6474

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.1	39.3

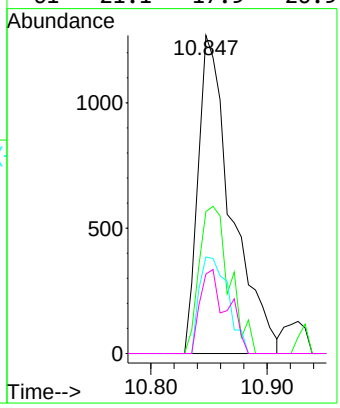




#74
N-amyl acetate
Concen: 0.811 ug/l
RT: 10.847 min Scan# 16
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 43 Resp: 2536

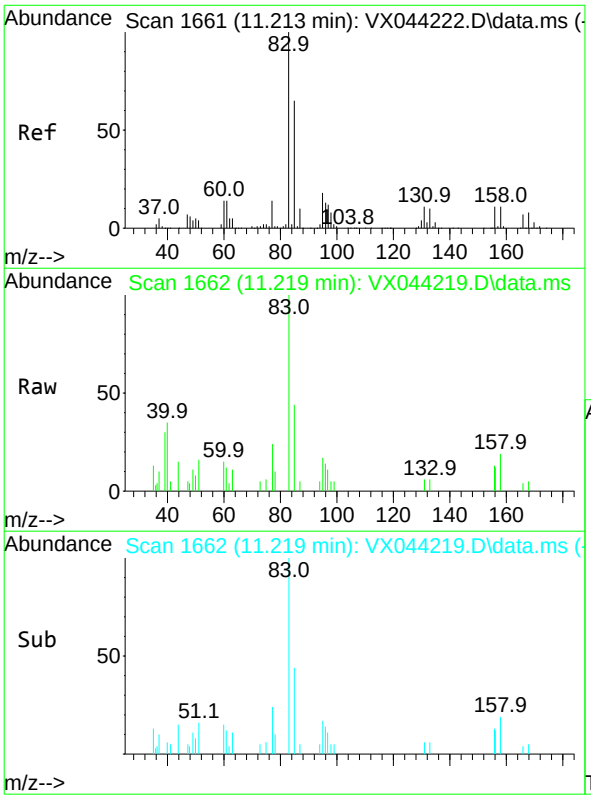
Ion	Ratio	Lower	Upper
43	100		
70	41.9	31.9	47.9
55	26.0	17.9	26.9
61	21.1	17.9	26.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

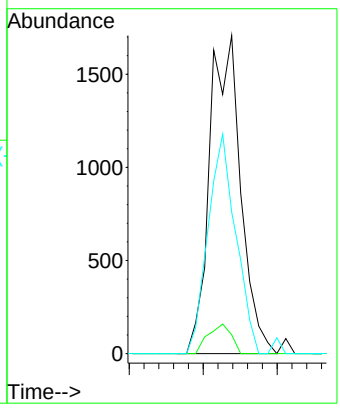
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

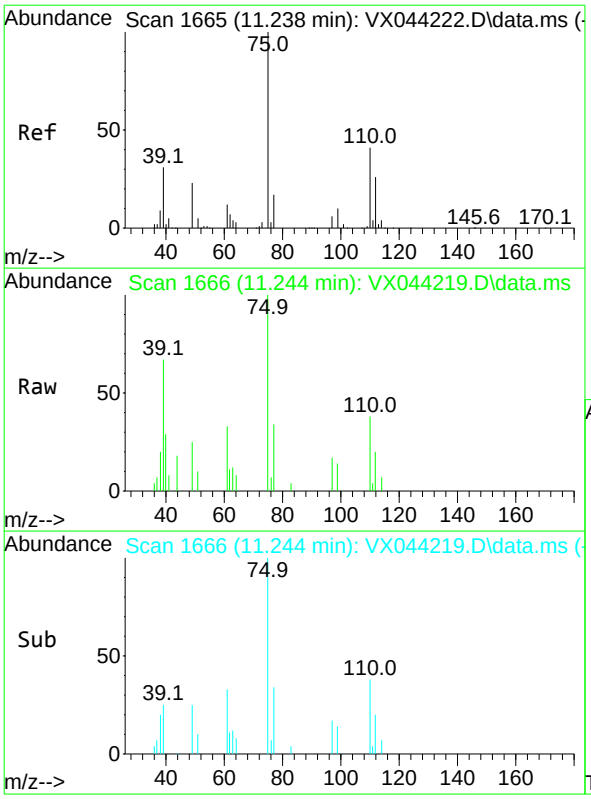


#75
1,1,2-Tetrachloroethane
Concen: 1.061 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 83 Resp: 2491

Ion	Ratio	Lower	Upper
83	100		
131	6.9	5.1	15.4
85	61.8	32.5	97.4

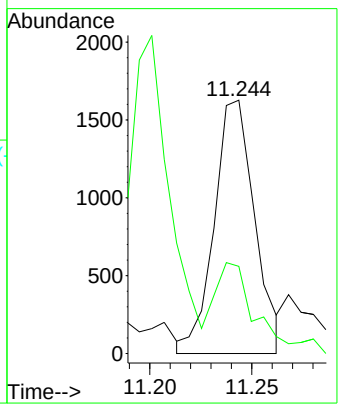




#76
1,2,3-Trichloropropane
Concen: 1.121 ug/l m
RT: 11.244 min Scan# 16
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 75 Resp: 2248

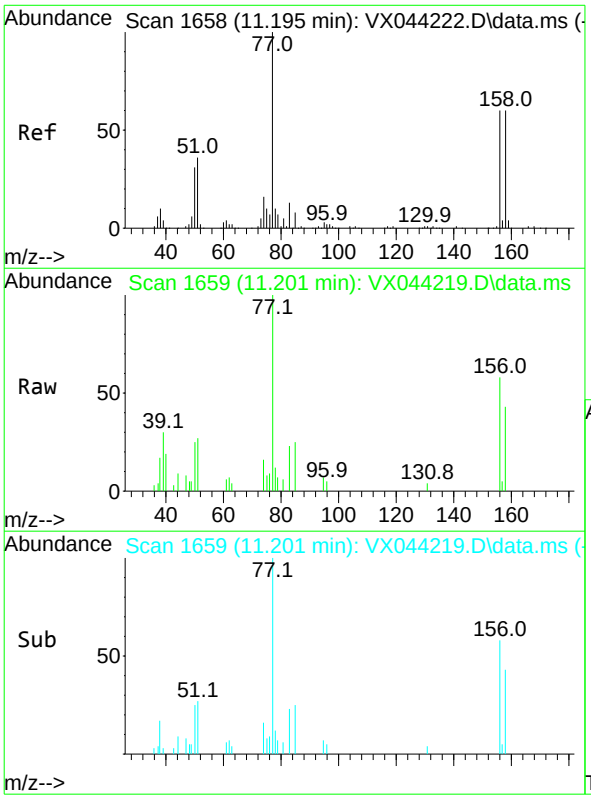
Ion	Ratio	Lower	Upper
75	100		
77	37.4	20.9	62.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

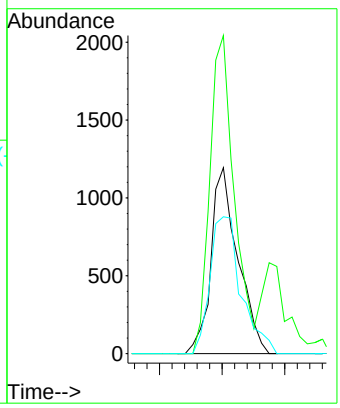
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

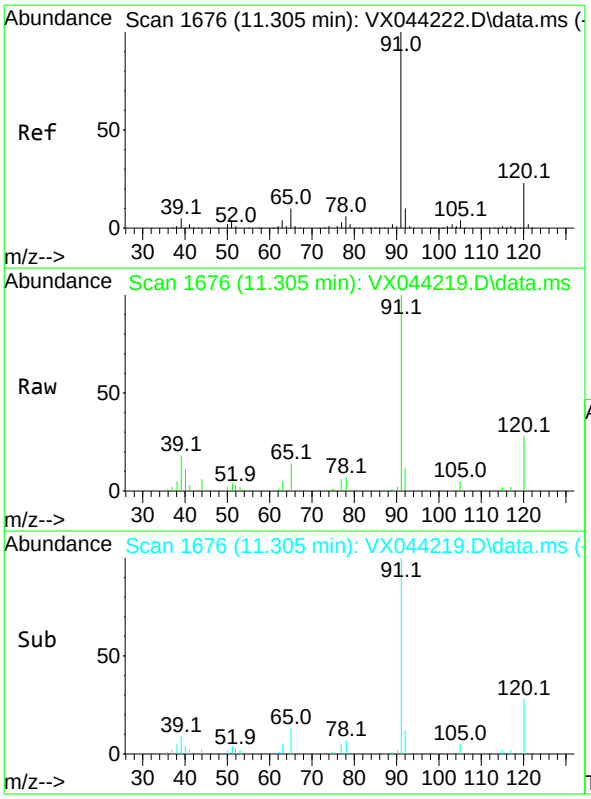


#77
Bromobenzene
Concen: 1.087 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:156 Resp: 1783

Ion	Ratio	Lower	Upper
156	100		
77	155.1	82.6	247.8
158	85.2	48.8	146.4

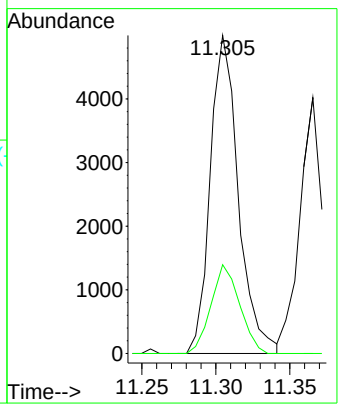




#78
n-propylbenzene
Concen: 0.884 ug/l
RT: 11.305 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 91 Resp: 6606

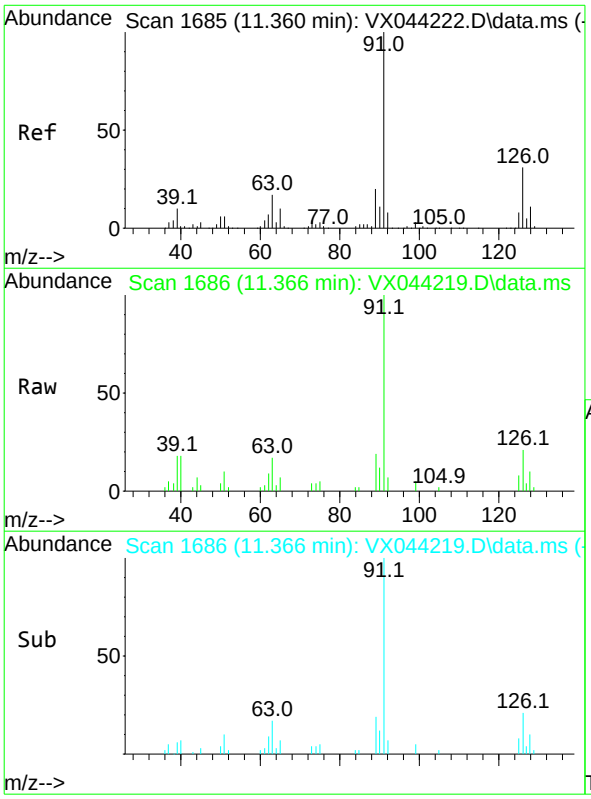
Ion	Ratio	Lower	Upper
91	100		
120	28.4	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

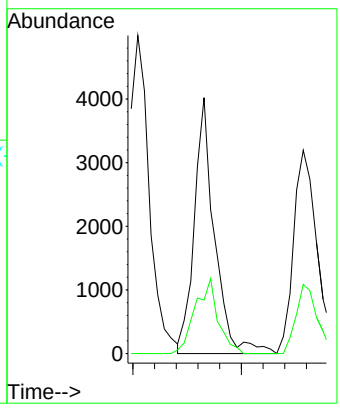
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

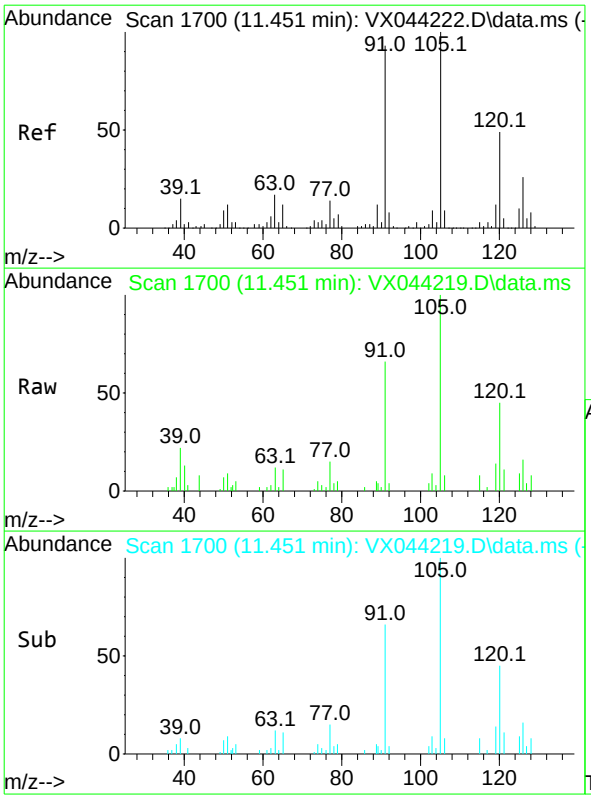


#79
2-Chlorotoluene
Concen: 1.075 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 91 Resp: 5194

Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.4	49.1

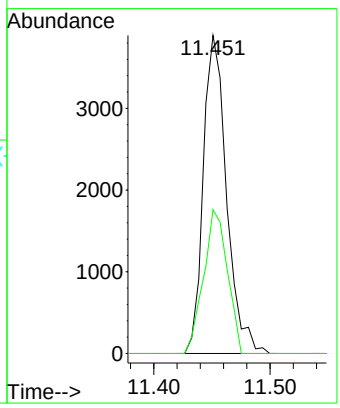




#80
1,3,5-Trimethylbenzene
Concen: 0.966 ug/l
RT: 11.451 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:105 Resp: 5417

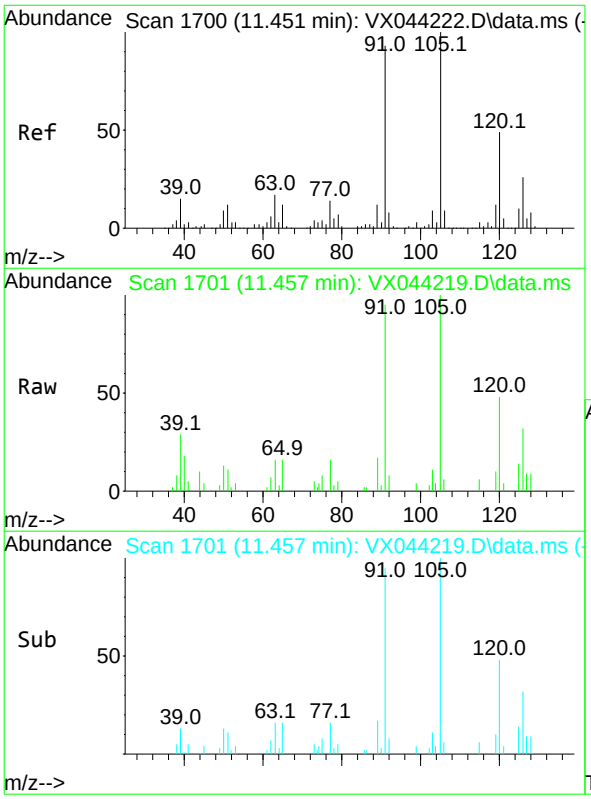
Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.8	71.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

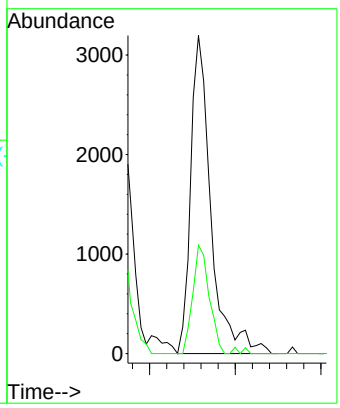
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

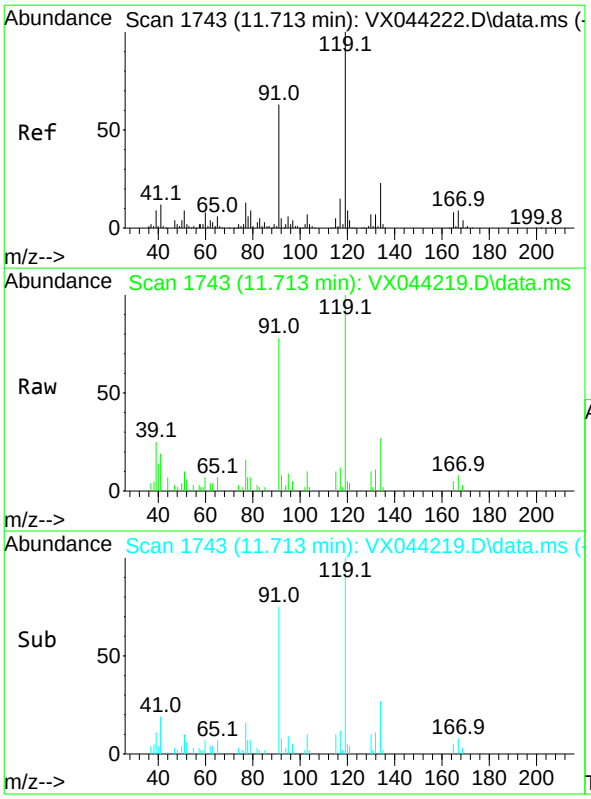


#82
4-Chlorotoluene
Concen: 0.978 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 91 Resp: 5236

Ion	Ratio	Lower	Upper
91	100		
126	27.7	14.5	43.5

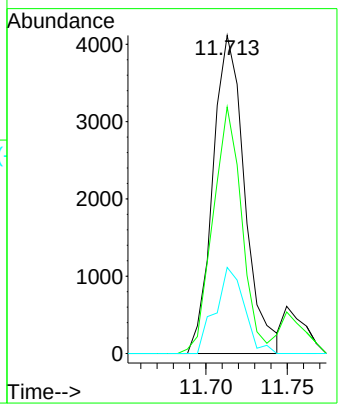




#83
tert-Butylbenzene
Concen: 1.011 ug/l
RT: 11.713 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:119 Resp: 5601

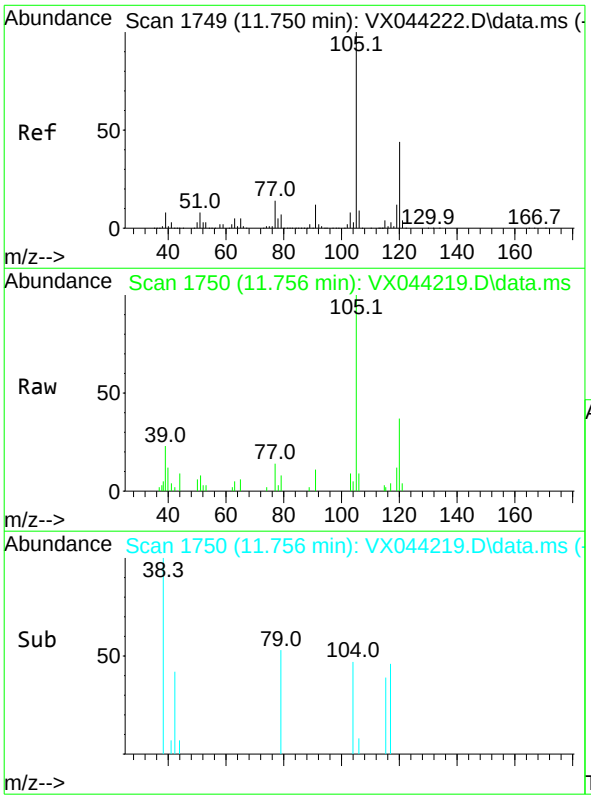
Ion	Ratio	Lower	Upper
119	100		
91	70.2	30.9	92.5
134	24.5	11.5	34.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

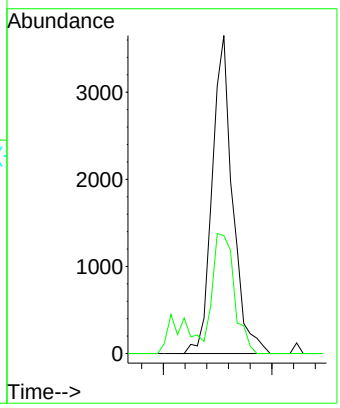
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

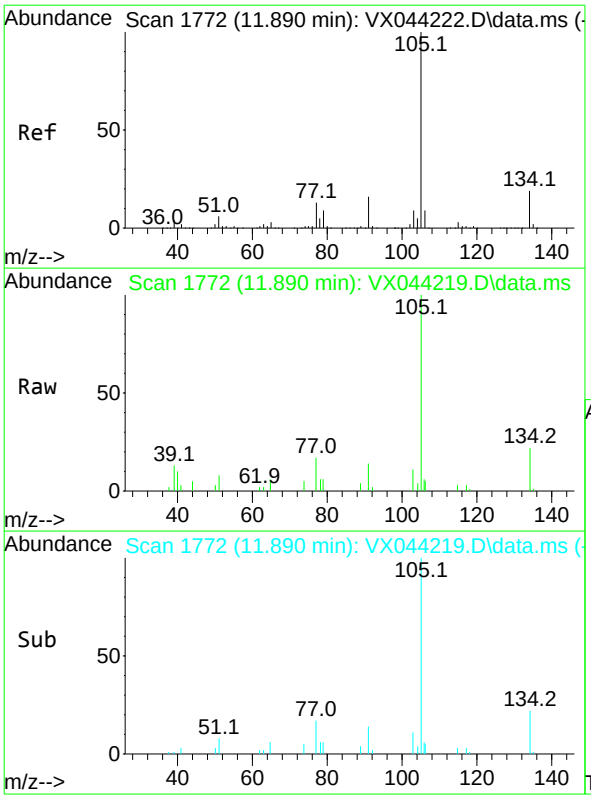


#84
1,2,4-Trimethylbenzene
Concen: 0.866 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:105 Resp: 4769

Ion	Ratio	Lower	Upper
105	100		
120	40.0	21.7	65.1

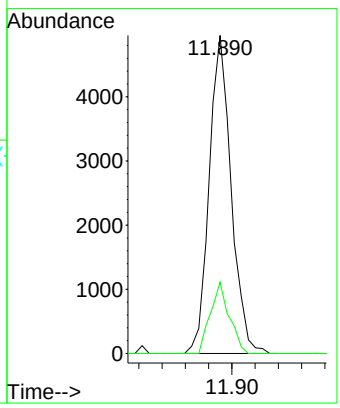




#85
sec-Butylbenzene
Concen: 0.966 ug/l
RT: 11.890 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:105 Resp: 6500

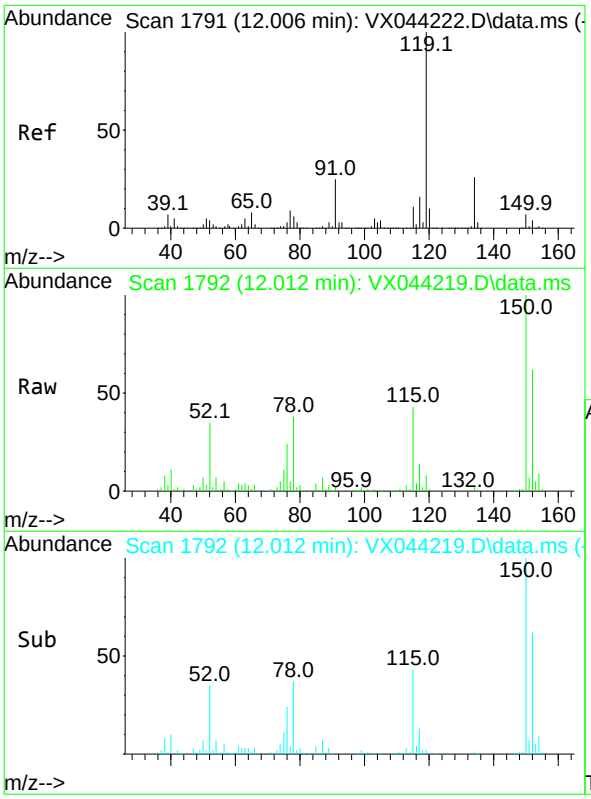
Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.8	29.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

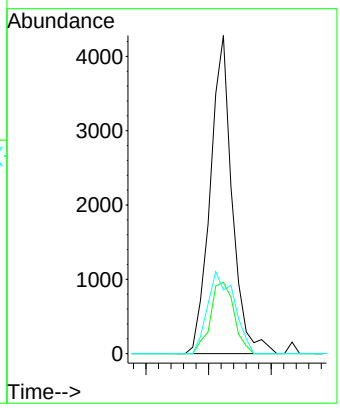
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

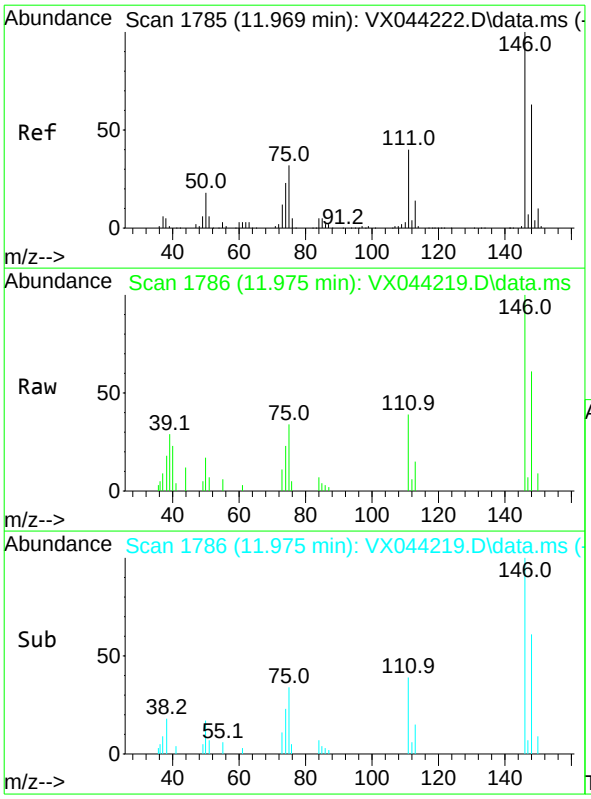


#86
p-Isopropyltoluene
Concen: 0.930 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:119 Resp: 5210

Ion	Ratio	Lower	Upper
119	100		
134	24.2	12.8	38.4
91	31.2	13.0	39.0

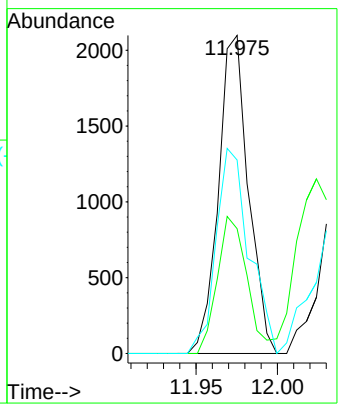




#87
1,3-Dichlorobenzene
Concen: 0.937 ug/l
RT: 11.975 min Scan# 17
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:146 Resp: 2684

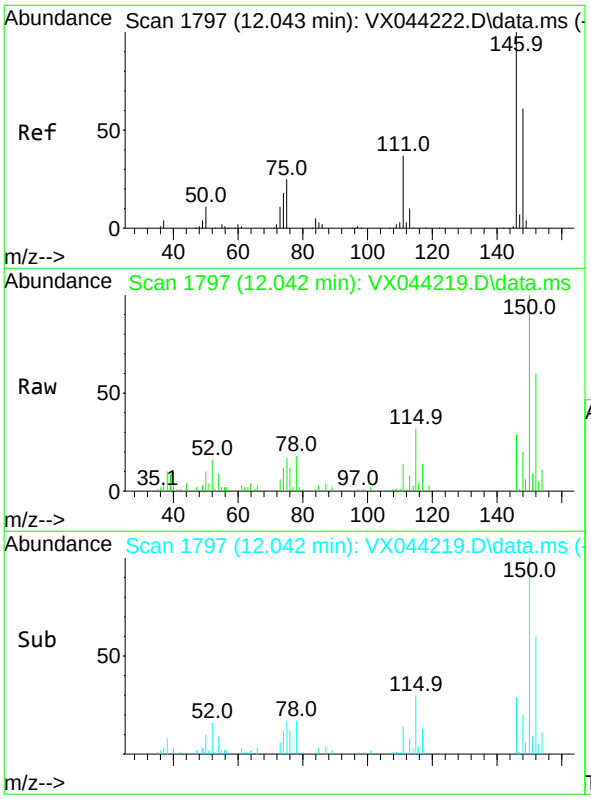
Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.4	64.2
148	71.6	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

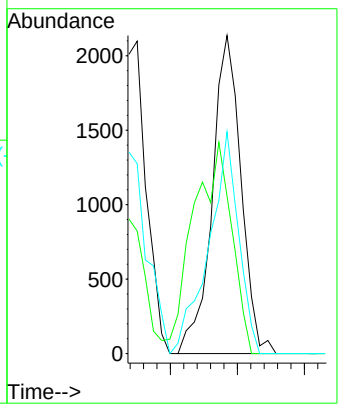
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

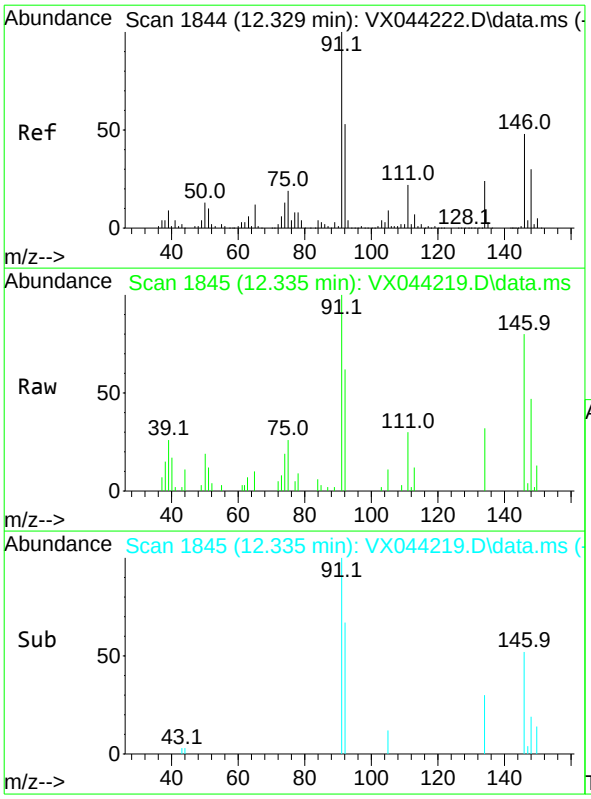


#88
1,4-Dichlorobenzene
Concen: 1.087 ug/l m
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:146 Resp: 3200

Ion	Ratio	Lower	Upper
146	100		
111	35.7	21.0	63.0
148	60.1	32.3	96.8

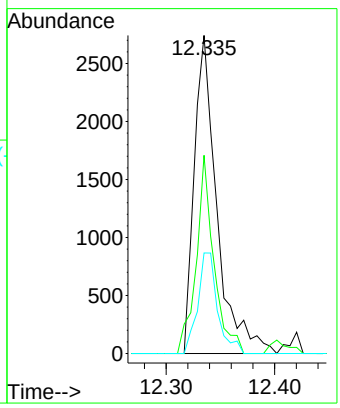




#89
n-Butylbenzene
Concen: 0.844 ug/l
RT: 12.335 min Scan# 18
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 91 Resp: 3973

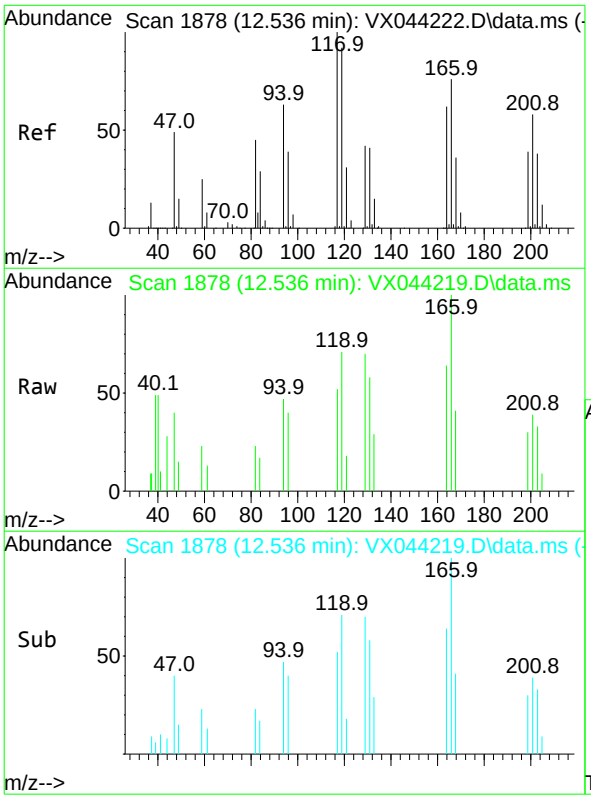
Ion	Ratio	Lower	Upper
91	100		
92	48.5	26.6	79.7
134	27.8	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

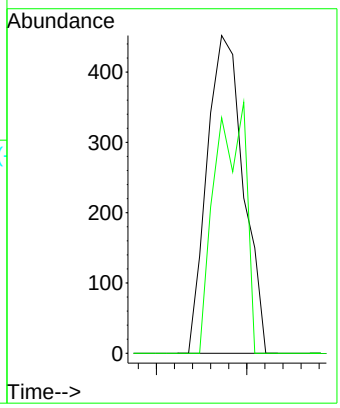
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

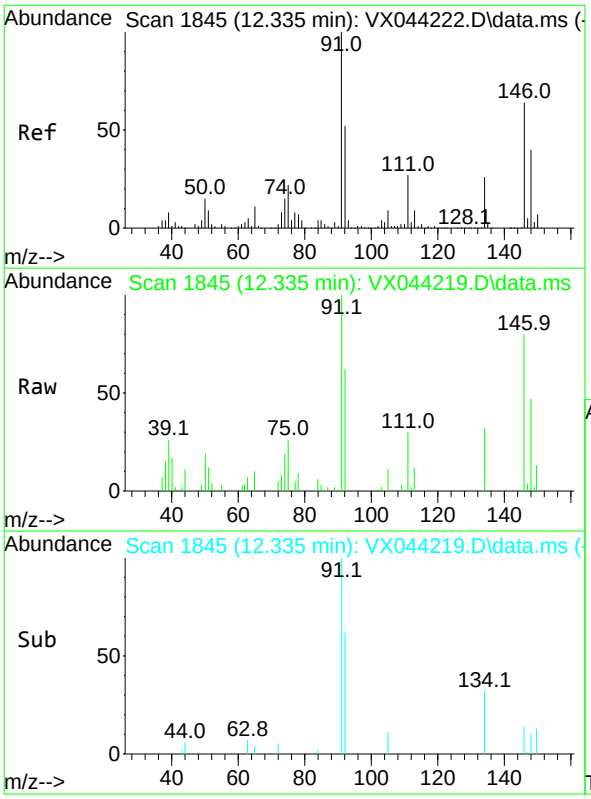


#90
Hexachloroethane
Concen: 0.773 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:117 Resp: 632

Ion	Ratio	Lower	Upper
117	100		
201	66.9	31.4	94.2

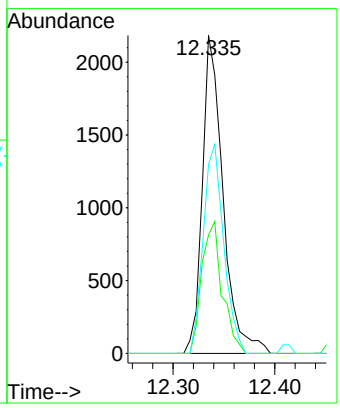




#91
1,2-Dichlorobenzene
Concen: 1.036 ug/l
RT: 12.335 min Scan# 18
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:146 Resp: 3082

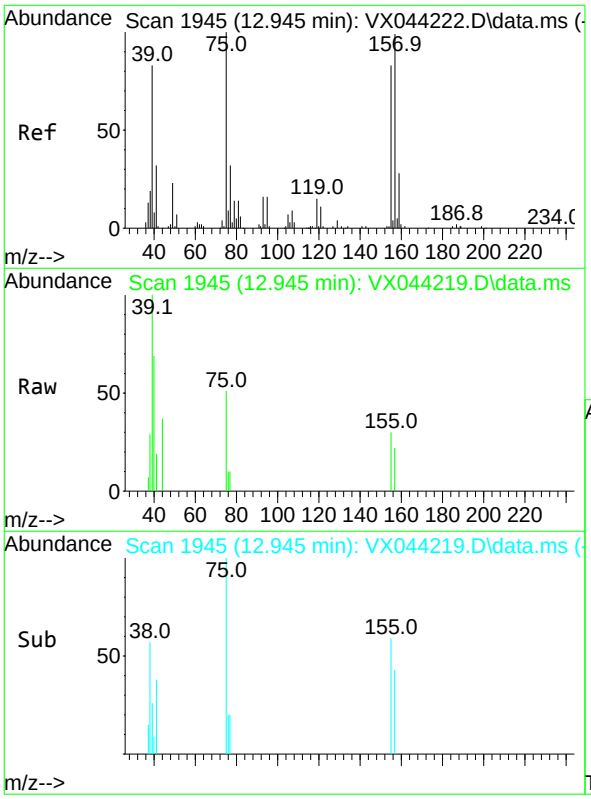
Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.4	64.3
148	65.4	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

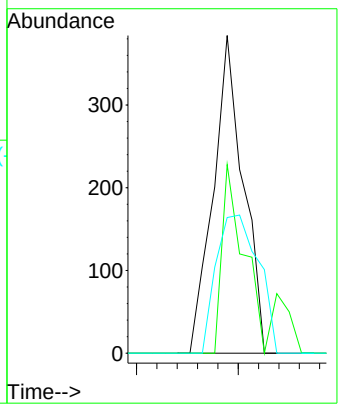
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

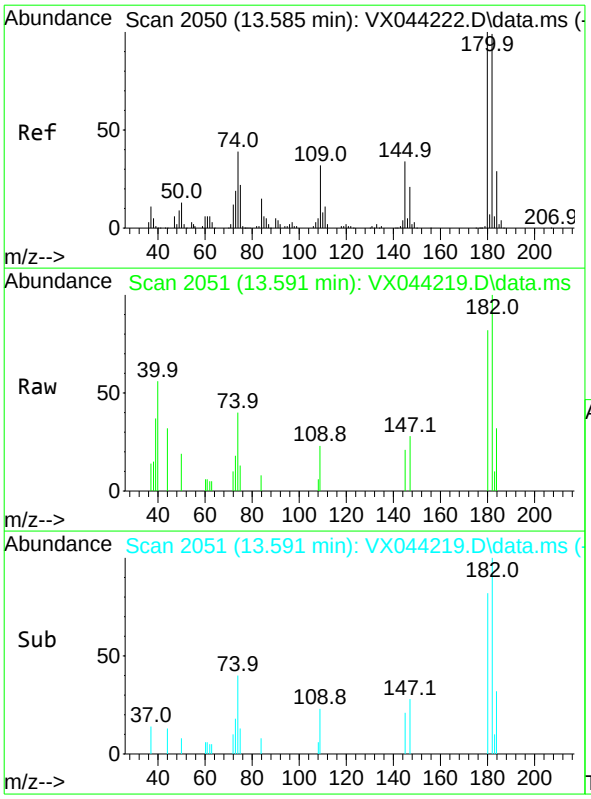


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.860 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 75 Resp: 392

Ion	Ratio	Lower	Upper
75	100		
155	54.6	38.1	114.3
157	61.5	47.2	141.6

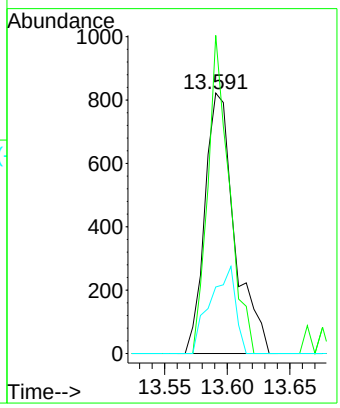




#93
1,2,4-Trichlorobenzene
Concen: 0.835 ug/l
RT: 13.591 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:180 Resp: 1361

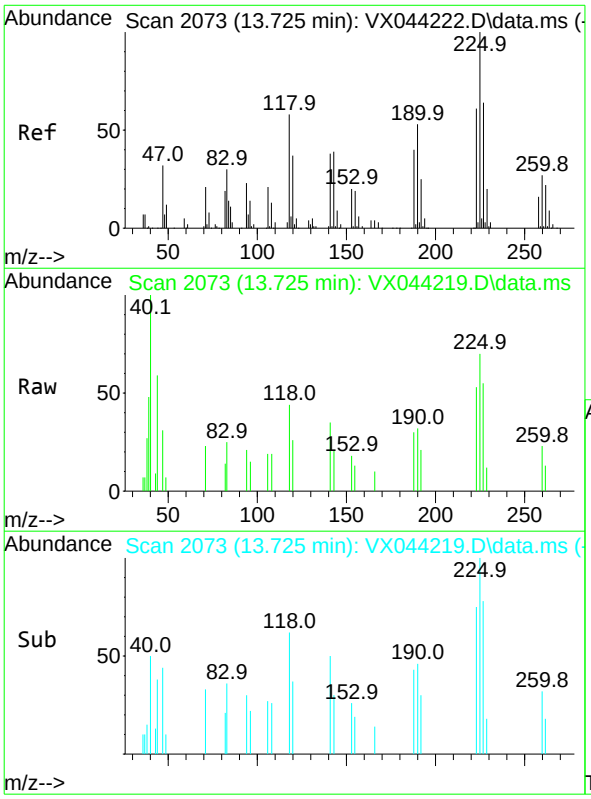
Ion	Ratio	Lower	Upper
180	100		
182	88.0	48.0	144.2
145	28.4	16.6	49.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

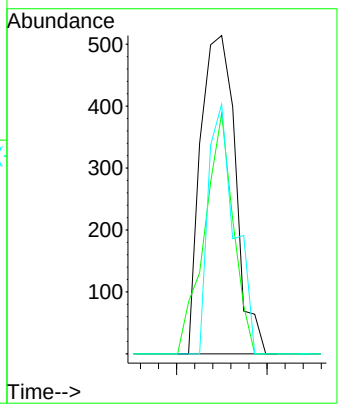
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

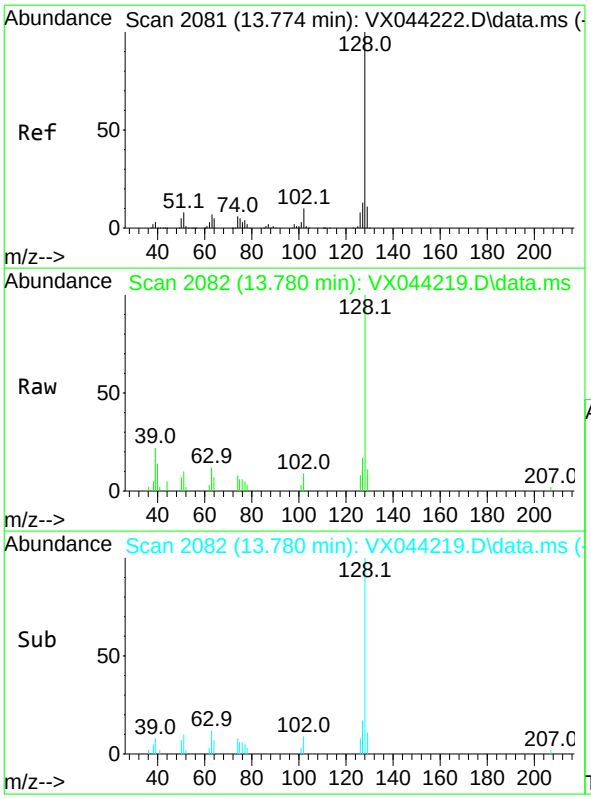


#94
Hexachlorobutadiene
Concen: 1.051 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:225 Resp: 689

Ion	Ratio	Lower	Upper
225	100		
223	62.4	30.8	92.4
227	59.4	32.1	96.3

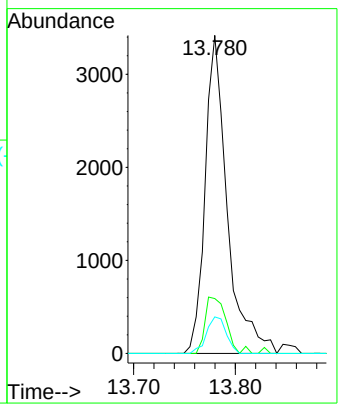




#95
Naphthalene
Concen: 0.812 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:128 Resp: 5167

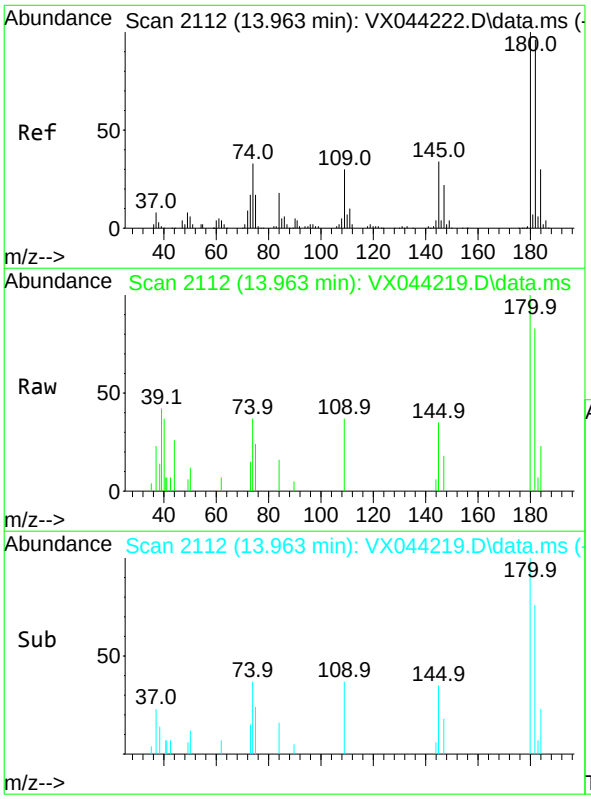
Ion	Ratio	Lower	Upper
128	100		
127	16.8	10.5	15.7#
129	10.2	9.0	13.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

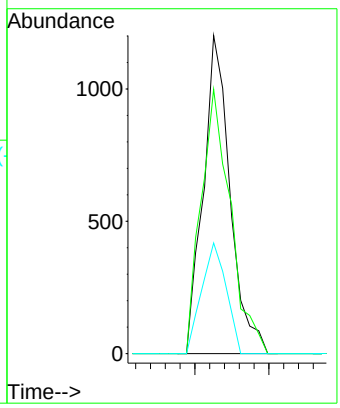
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#96
1,2,3-Trichlorobenzene
Concen: 0.873 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:180 Resp: 1509

Ion	Ratio	Lower	Upper
180	100		
182	91.3	48.0	144.0
145	31.9	17.7	53.1



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044220.D
Acq On : 11 Dec 2024 11:27
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 12 04:13:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	139609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	258881	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	13043	5.328	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 10.660%#			
35) Dibromofluoromethane	5.385	113	9145	5.100	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 10.200%#			
50) Toluene-d8	8.647	98	29732	4.915	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 9.840%#			
62) 4-Bromofluorobenzene	11.079	95	10101	4.779	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 9.560%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	10452	4.842	ug/l	91
3) Chloromethane	1.294	50	10429	5.052	ug/l	95
4) Vinyl Chloride	1.374	62	11031	5.129	ug/l	98
5) Bromomethane	1.593	94	8237	5.399	ug/l	92
6) Chloroethane	1.660	64	7253	5.416	ug/l	96
7) Trichlorofluoromethane	1.868	101	21207	5.037	ug/l	91
8) Diethyl Ether	2.136	74	7199	5.009	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.313	101	8766	5.145	ug/l	97
10) Methyl Iodide	2.447	142	11066	4.928	ug/l	97
11) Tert butyl alcohol	2.995	59	7159m	20.785	ug/l	
12) 1,1-Dichloroethene	2.306	96	7822	4.999	ug/l	95
13) Acrolein	2.239	56	12521	25.073	ug/l	100
14) Allyl chloride	2.654	41	12490	4.792	ug/l	94
15) Acrylonitrile	3.069	53	23276	24.357	ug/l	99
16) Acetone	2.392	43	24645	24.696	ug/l	93
17) Carbon Disulfide	2.495	76	12169	4.091	ug/l	99
18) Methyl Acetate	2.709	43	12412	4.824	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	30546	5.002	ug/l	94
20) Methylene Chloride	2.782	84	9466	5.050	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	7768	4.671	ug/l	97
22) Diisopropyl ether	3.764	45	29518	5.029	ug/l #	73
23) Vinyl Acetate	3.721	43	109670	22.983	ug/l	96
24) 1,1-Dichloroethane	3.605	63	16370	5.004	ug/l	96
25) 2-Butanone	4.574	43	34245	24.138	ug/l	97
26) 2,2-Dichloropropane	4.471	77	12514	4.708	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	10292	4.873	ug/l	97
28) Bromochloromethane	4.897	49	8049	5.017	ug/l #	93
29) Tetrahydrofuran	5.019	42	24307	26.693	ug/l	94
30) Chloroform	5.093	83	18319	4.984	ug/l	93
31) Cyclohexane	5.464	56	12995	4.919	ug/l	89
32) 1,1,1-Trichloroethane	5.373	97	14231	4.664	ug/l	96
36) 1,1-Dichloropropene	5.690	75	11455	4.942	ug/l	94
37) Ethyl Acetate	4.727	43	13265	4.630	ug/l	97
38) Carbon Tetrachloride	5.666	117	11476	4.599	ug/l	96
39) Methylcyclohexane	7.373	83	13019	4.699	ug/l #	85
40) Benzene	6.037	78	35018	4.976	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044220.D
Acq On : 11 Dec 2024 11:27
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 12 04:13:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.946	41	7585	4.986 ug/l	93
42) 1,2-Dichloroethane	6.092	62	14419	4.974 ug/l	99
43) Isopropyl Acetate	6.354	43	22098	4.935 ug/l	98
44) Trichloroethene	7.123	130	8405	4.790 ug/l	100
45) 1,2-Dichloropropane	7.434	63	8932	4.968 ug/l	94
46) Dibromomethane	7.586	93	6915	4.958 ug/l	99
47) Bromodichloromethane	7.824	83	10646	4.420 ug/l #	98
48) Methyl methacrylate	7.702	41	9586	4.410 ug/l	97
49) 1,4-Dioxane	7.671	88	3545m	95.429 ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	71285	24.759 ug/l	98
52) Toluene	8.720	92	21486	4.862 ug/l	99
53) t-1,3-Dichloropropene	8.982	75	9232	4.665 ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	11404	4.348 ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	8590	4.893 ug/l	97
56) Ethyl methacrylate	9.122	69	11854	4.277 ug/l #	89
57) 1,3-Dichloropropane	9.311	76	15352	5.024 ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	34738	24.852 ug/l	99
59) 2-Hexanone	9.433	43	50003	23.994 ug/l	96
60) Dibromochloromethane	9.519	129	6411	4.738 ug/l	98
61) 1,2-Dibromoethane	9.610	107	8330	4.662 ug/l	97
64) Tetrachloroethene	9.275	164	7710	5.334 ug/l #	87
65) Chlorobenzene	10.079	112	23268	4.986 ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	6647	4.432 ug/l	94
67) Ethyl Benzene	10.195	91	39326	4.877 ug/l	97
68) m/p-Xylenes	10.299	106	28758	9.720 ug/l	98
69) o-Xylene	10.640	106	14864	4.965 ug/l	97
70) Styrene	10.659	104	22191	4.624 ug/l	98
71) Bromoform	10.799	173	3775	5.118 ug/l #	98
73) Isopropylbenzene	10.963	105	37843	5.194 ug/l	98
74) N-amyl acetate	10.842	43	15418	4.579 ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	12848	5.077 ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	10236m	4.740 ug/l	
77) Bromobenzene	11.201	156	8892	5.033 ug/l	99
78) n-propylbenzene	11.305	91	40574	5.038 ug/l	96
79) 2-Chlorotoluene	11.366	91	27096	5.203 ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	30665	5.075 ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	2249	8.273 ug/l #	62
82) 4-Chlorotoluene	11.457	91	29039	5.035 ug/l	99
83) tert-Butylbenzene	11.713	119	29283	4.904 ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	30970	5.219 ug/l	99
85) sec-Butylbenzene	11.890	105	35670	4.921 ug/l	98
86) p-Isopropyltoluene	12.006	119	29132	4.828 ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	15553	5.039 ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	15609	4.920 ug/l	95
89) n-Butylbenzene	12.335	91	22719	4.478 ug/l	98
90) Hexachloroethane	12.536	117	3765	4.275 ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	15858	4.949 ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2154	4.385 ug/l	81
93) 1,2,4-Trichlorobenzene	13.591	180	7867	4.478 ug/l	96
94) Hexachlorobutadiene	13.725	225	3321	4.700 ug/l	93
95) Naphthalene	13.780	128	31842	4.643 ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	8422	4.520 ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044220.D
Acq On : 11 Dec 2024 11:27
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 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

Quant Time: Dec 12 04:13:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

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

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

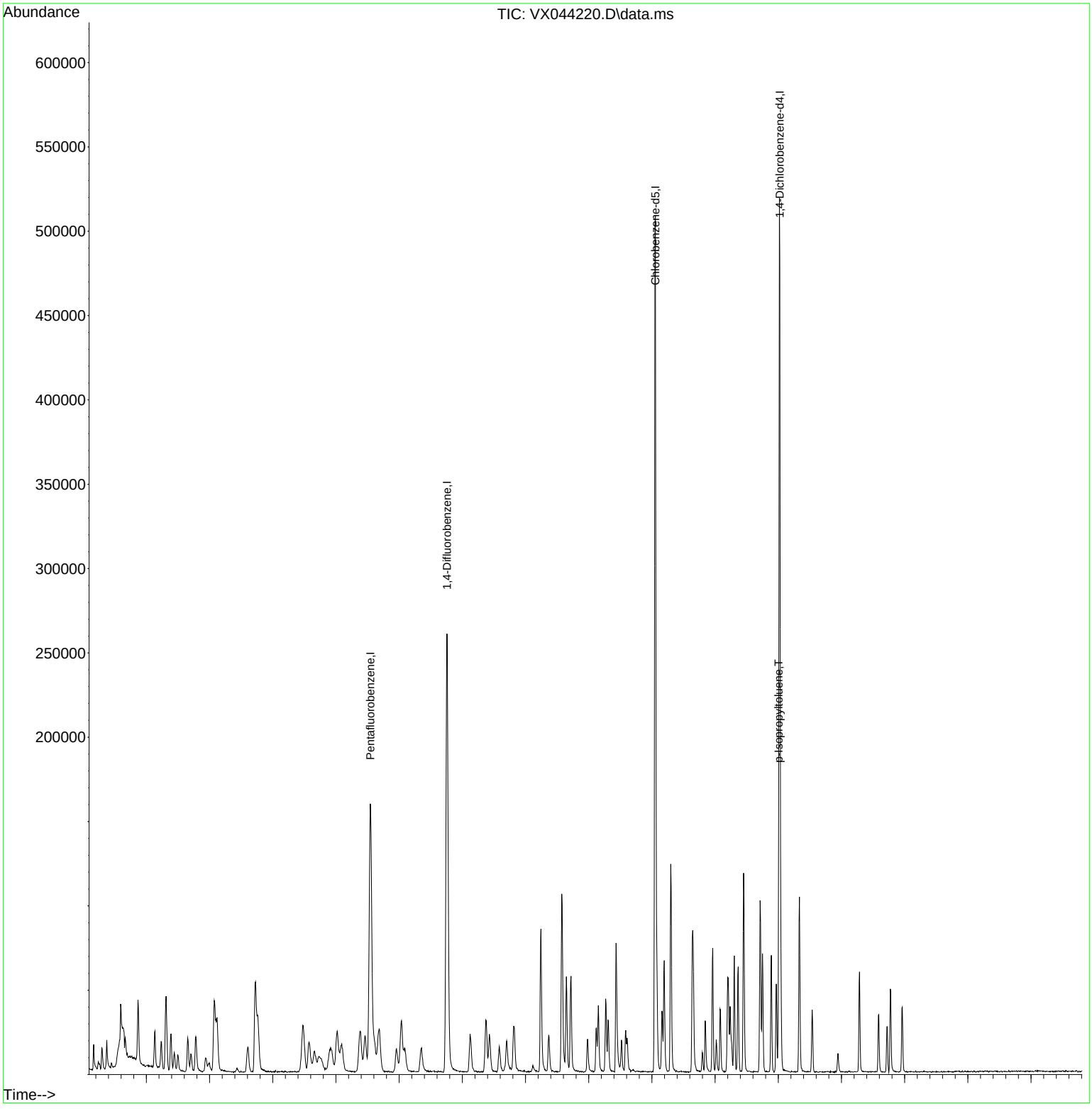
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044220.D
Acq On : 11 Dec 2024 11:27
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

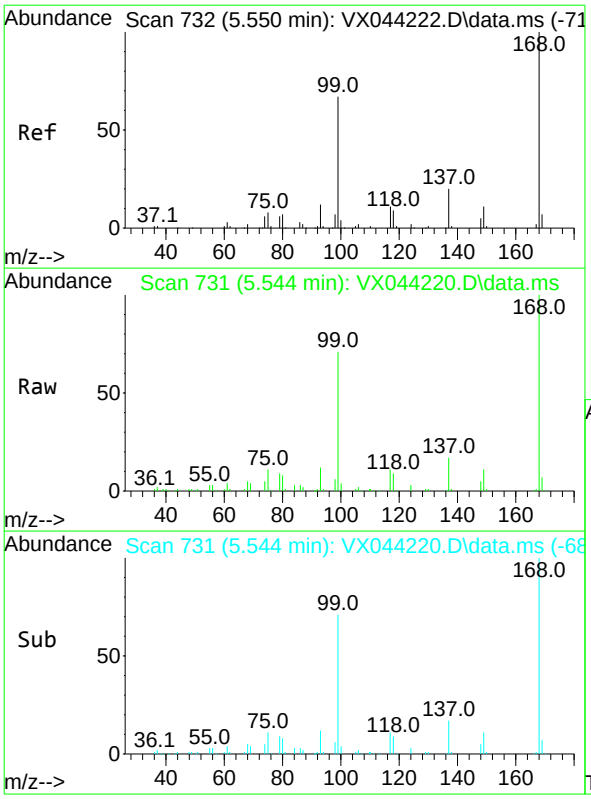
Quant Time: Dec 12 04:13:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

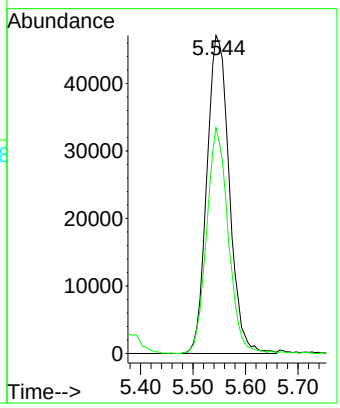




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:168 Resp: 139609

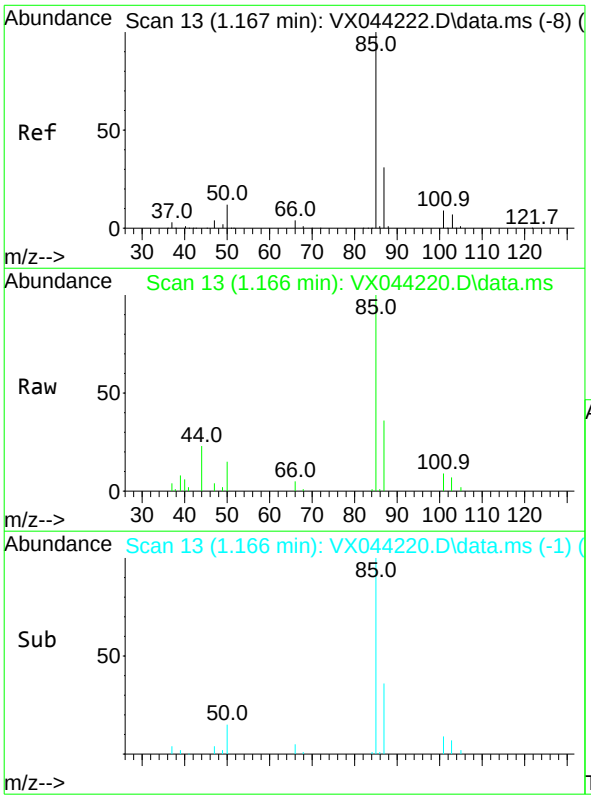
Ion	Ratio	Lower	Upper
168	100		
99	71.0	53.4	80.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

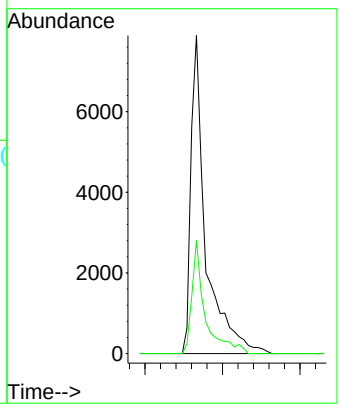
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

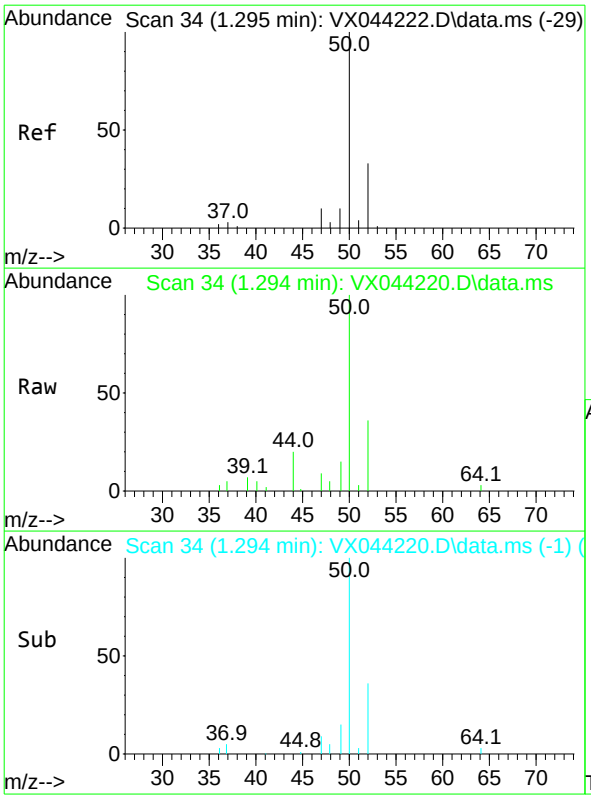


#2
Dichlorodifluoromethane
Concen: 4.842 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 85 Resp: 10452

Ion	Ratio	Lower	Upper
85	100		
87	35.6	15.4	46.4

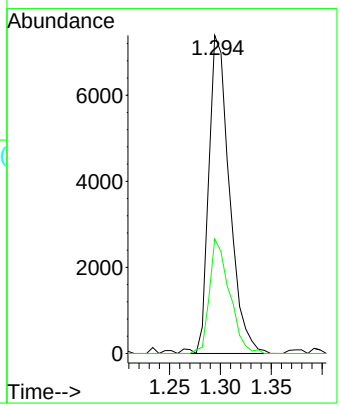




#3
Chloromethane
Concen: 5.052 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 50 Resp: 10429

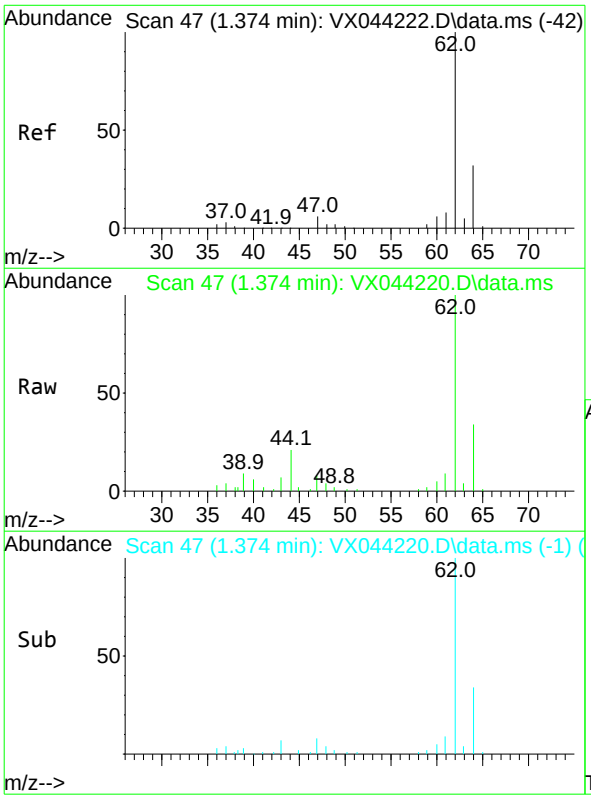
Ion	Ratio	Lower	Upper
50	100		
52	36.0	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

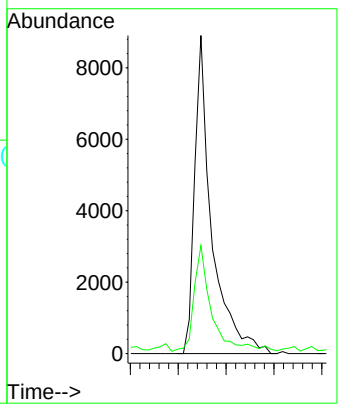
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

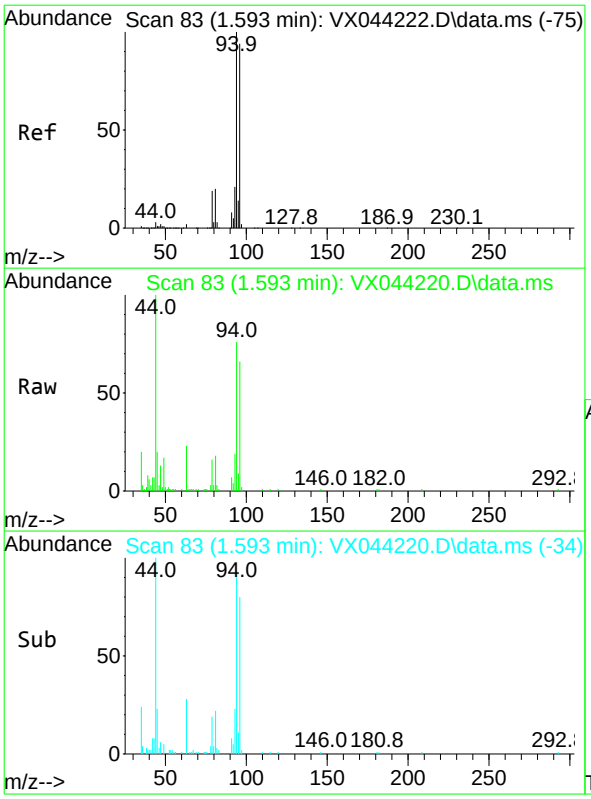


#4
Vinyl Chloride
Concen: 5.129 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 62 Resp: 11031

Ion	Ratio	Lower	Upper
62	100		
64	33.1	25.7	38.5

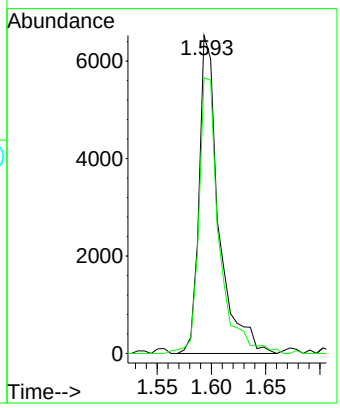




#5
Bromomethane
Concen: 5.399 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 94 Resp: 8237

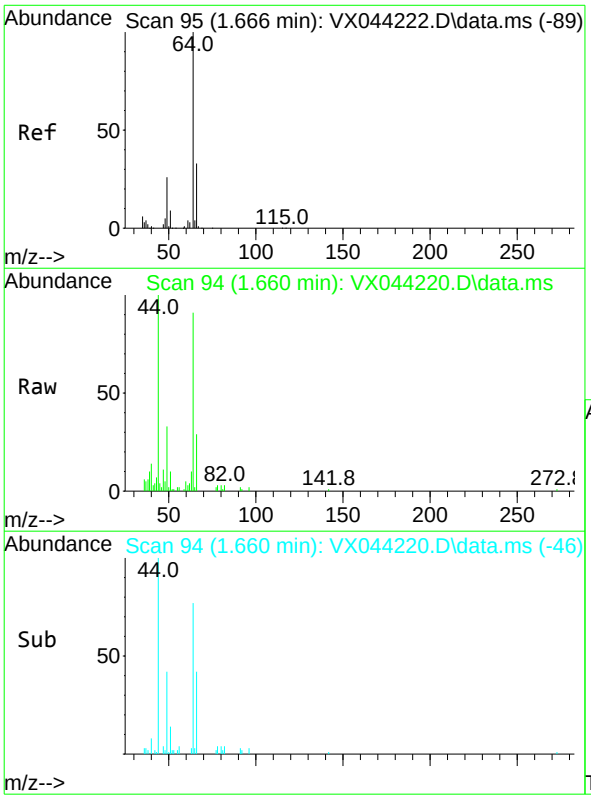
Ion	Ratio	Lower	Upper
94	100		
96	85.5	74.9	112.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

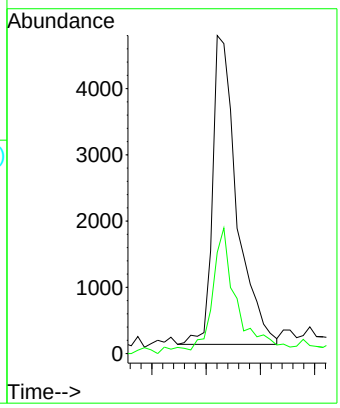
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

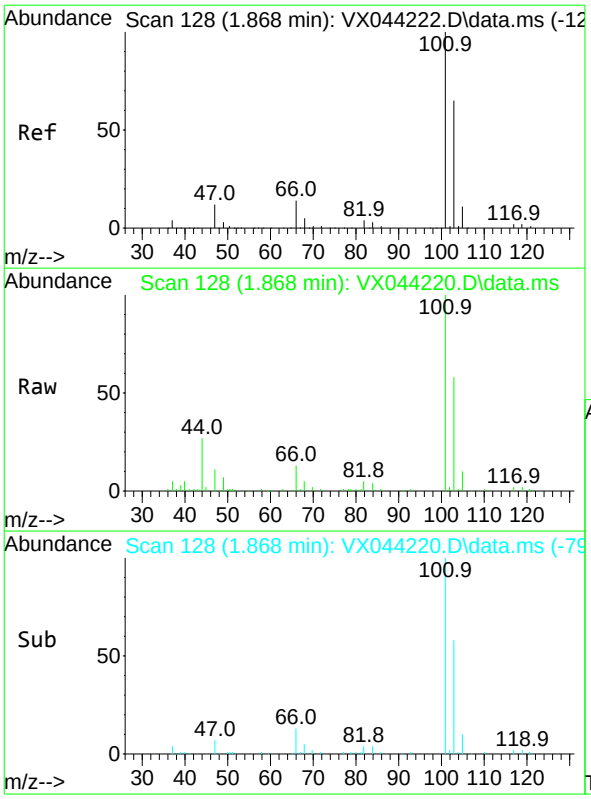


#6
Chloroethane
Concen: 5.416 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 64 Resp: 7253

Ion	Ratio	Lower	Upper
64	100		
66	30.7	26.6	39.8

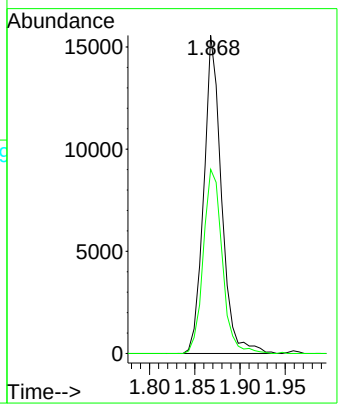




#7
Trichlorofluoromethane
Concen: 5.037 ug/l
RT: 1.868 min Scan# 12
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:101 Resp: 21207

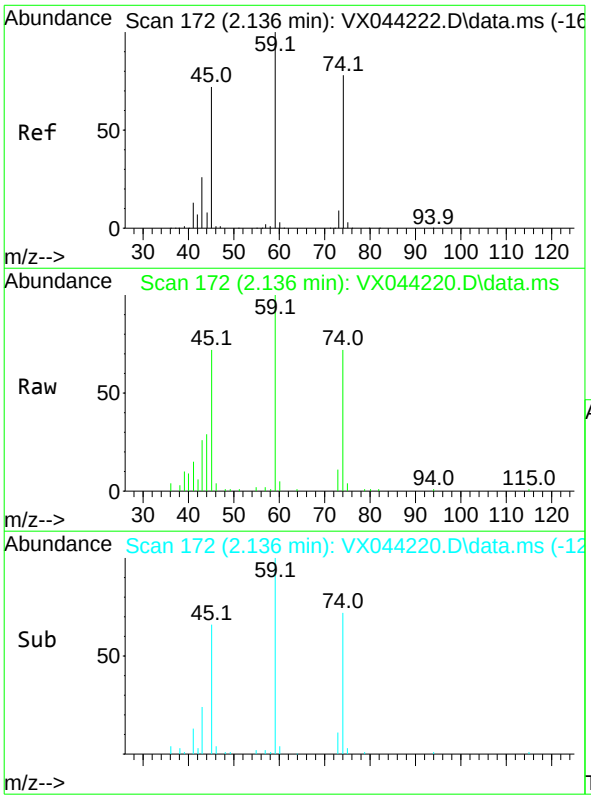
Ion	Ratio	Lower	Upper
101	100		
103	57.9	51.8	77.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

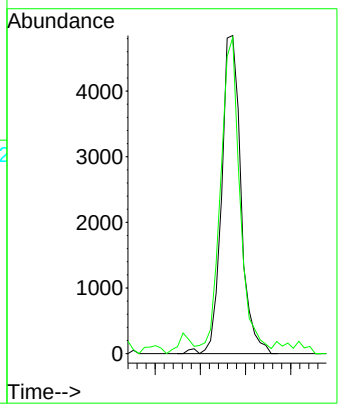
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

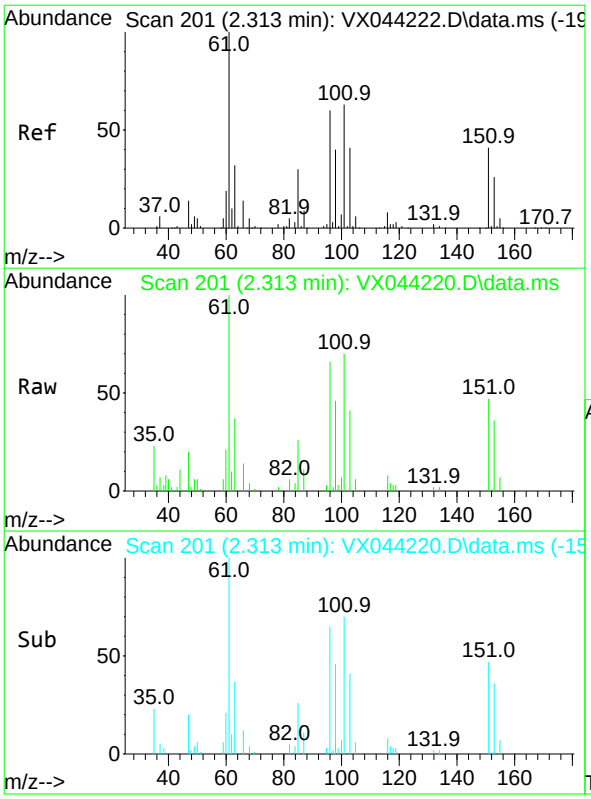


#8
Diethyl Ether
Concen: 5.009 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 74 Resp: 7199

Ion	Ratio	Lower	Upper
74	100		
45	97.0	48.4	145.0

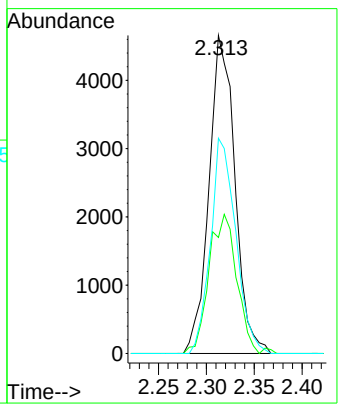




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.145 ug/l
RT: 2.313 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:101 Resp: 8766

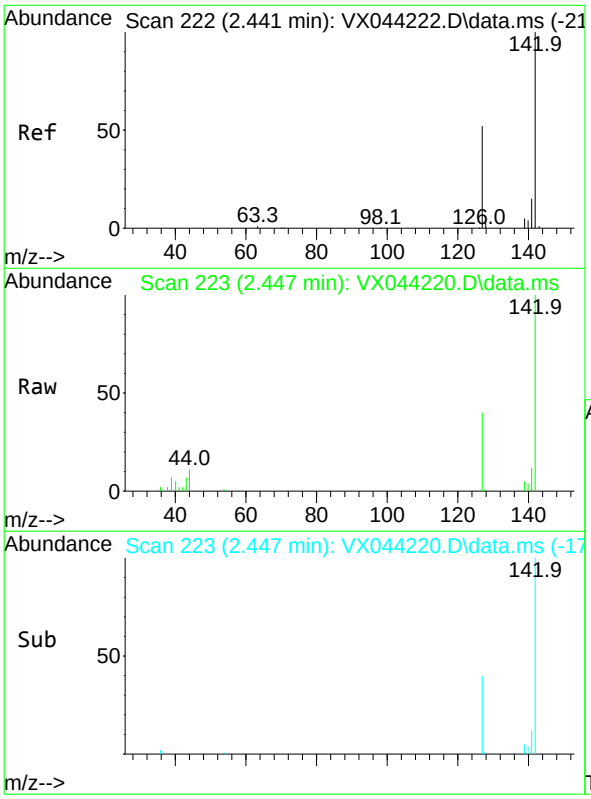
Ion	Ratio	Lower	Upper
101	100		
85	46.7	38.5	57.7
151	66.2	55.8	83.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

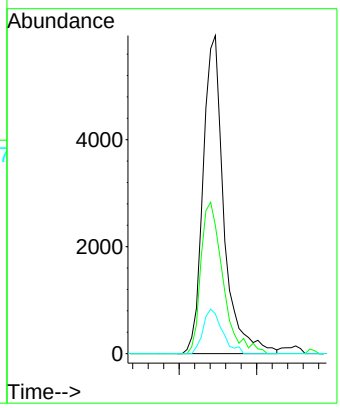
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

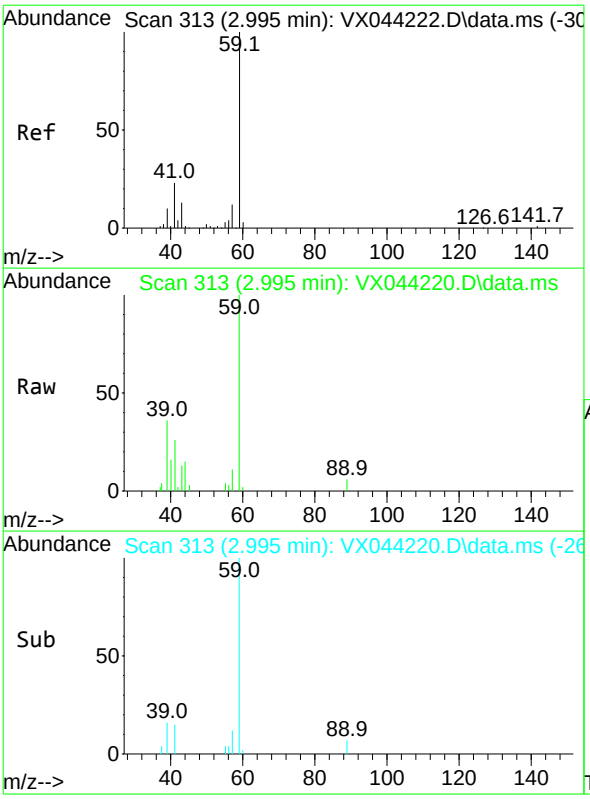


#10
Methyl Iodide
Concen: 4.928 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:142 Resp: 11066

Ion	Ratio	Lower	Upper
142	100		
127	50.4	41.8	62.8
141	12.9	11.5	17.3

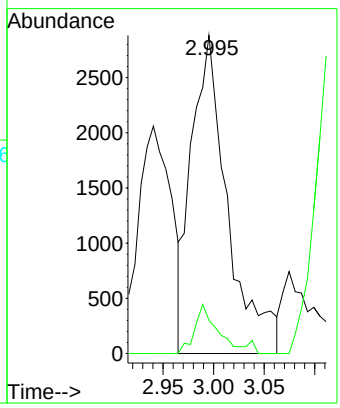




#11
Tert butyl alcohol
Concen: 20.785 ug/l m
RT: 2.995 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 59 Resp: 7159

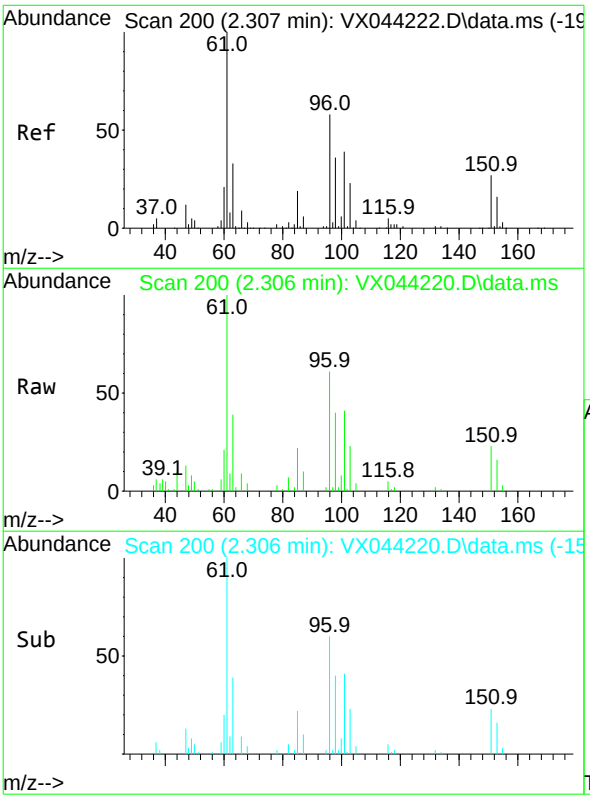
Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

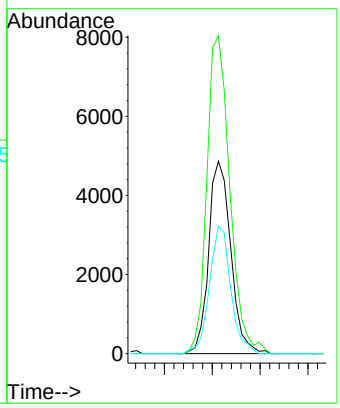
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

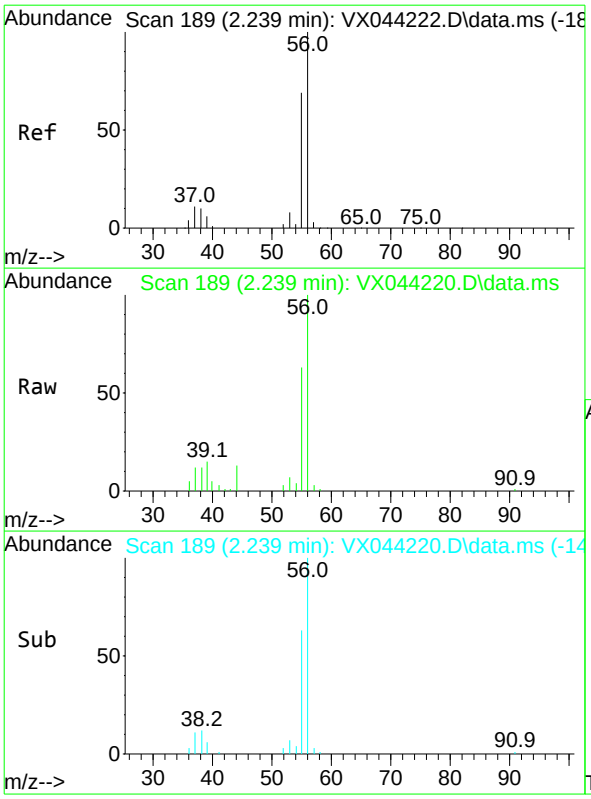


#12
1,1-Dichloroethene
Concen: 4.999 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 96 Resp: 7822

Ion	Ratio	Lower	Upper
96	100		
61	165.2	138.0	207.0
98	66.2	50.0	75.0

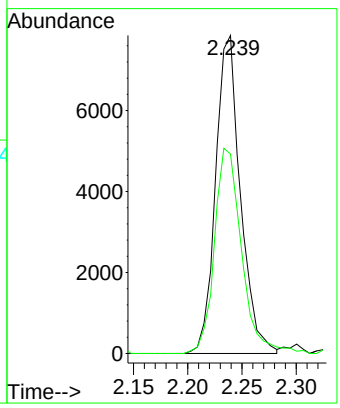




#13
Acrolein
Concen: 25.073 ug/l
RT: 2.239 min Scan# 18
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 56 Resp: 12521

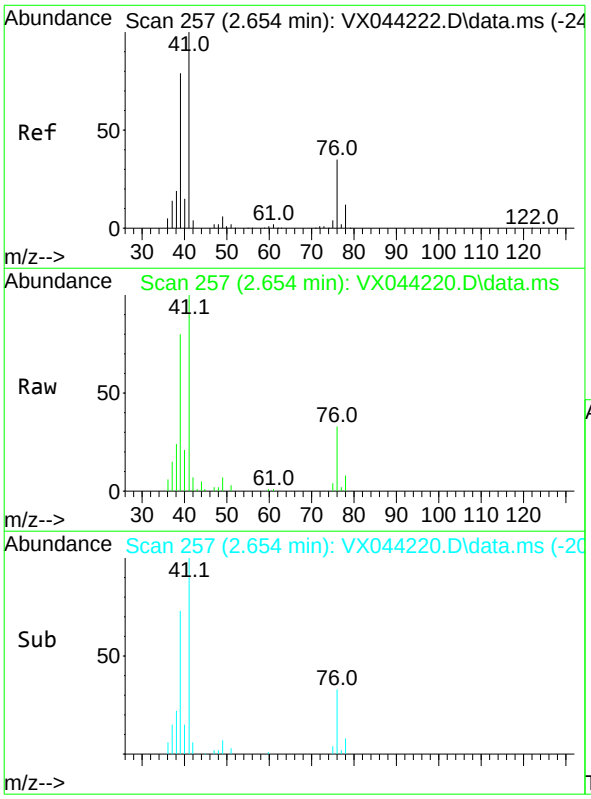
Ion	Ratio	Lower	Upper
56	100		
55	70.6	56.6	84.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

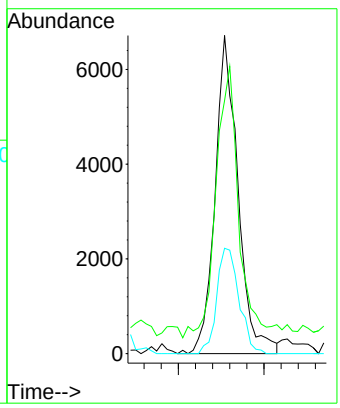
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

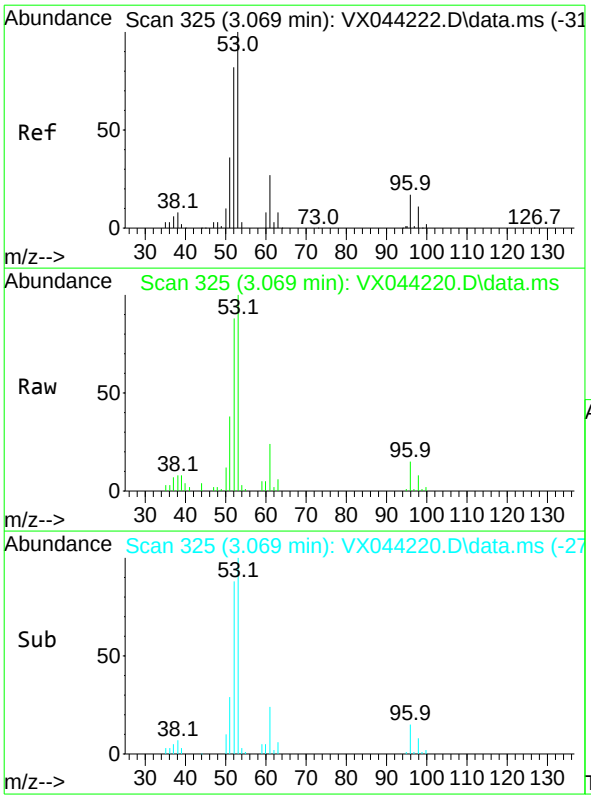


#14
Allyl chloride
Concen: 4.792 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 41 Resp: 12490

Ion	Ratio	Lower	Upper
41	100		
39	84.0	61.9	92.9
76	32.1	27.4	41.2

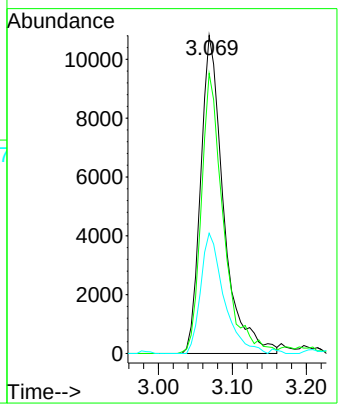




#15
Acrylonitrile
Concen: 24.357 ug/l
RT: 3.069 min Scan# 32
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 53 Resp: 23276

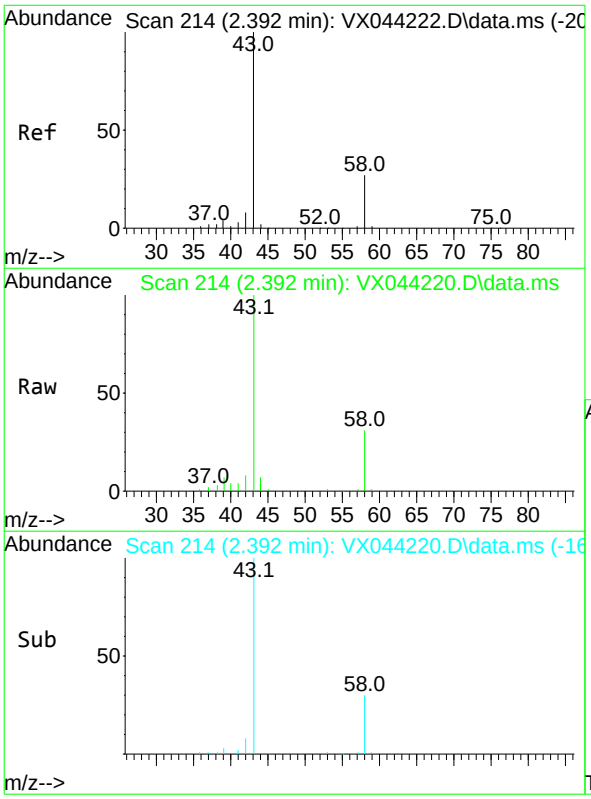
Ion	Ratio	Lower	Upper
53	100		
52	85.0	67.4	101.0
51	38.2	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

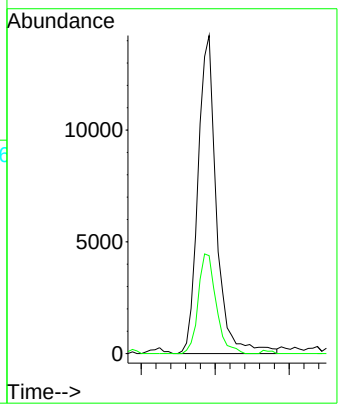
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

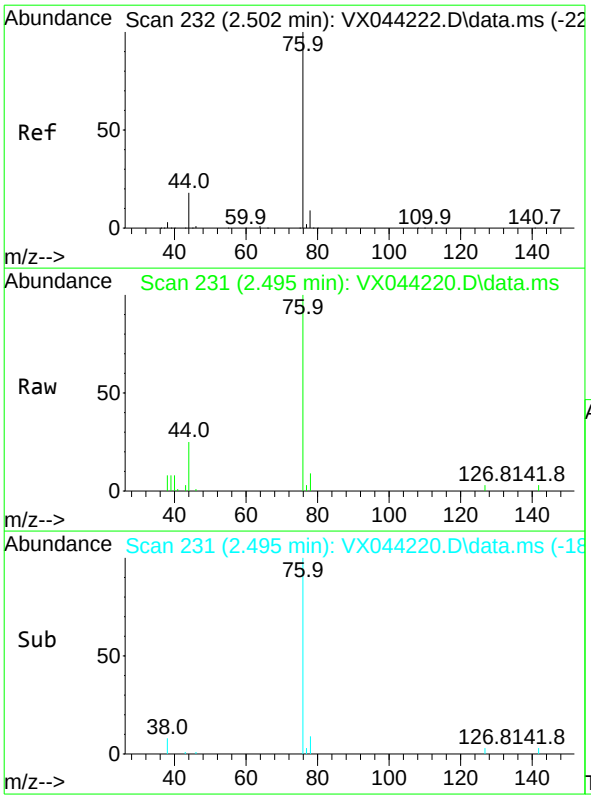


#16
Acetone
Concen: 24.696 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 43 Resp: 24645

Ion	Ratio	Lower	Upper
43	100		
58	30.8	21.6	32.4

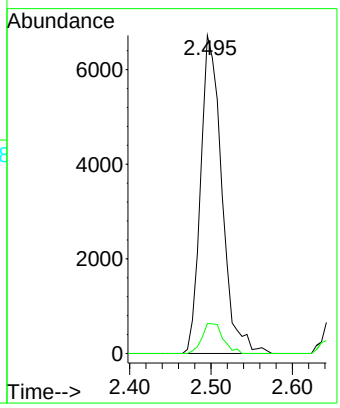




#17
Carbon Disulfide
Concen: 4.091 ug/l
RT: 2.495 min Scan# 23
Delta R.T. -0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 76 Resp: 12169

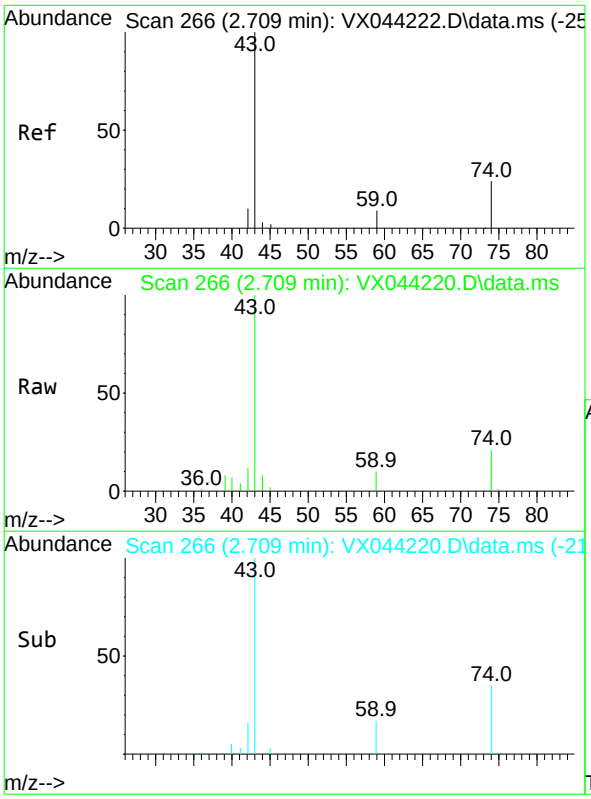
Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

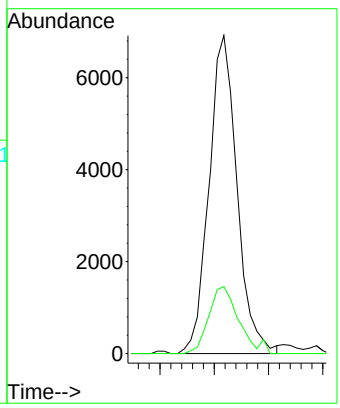
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

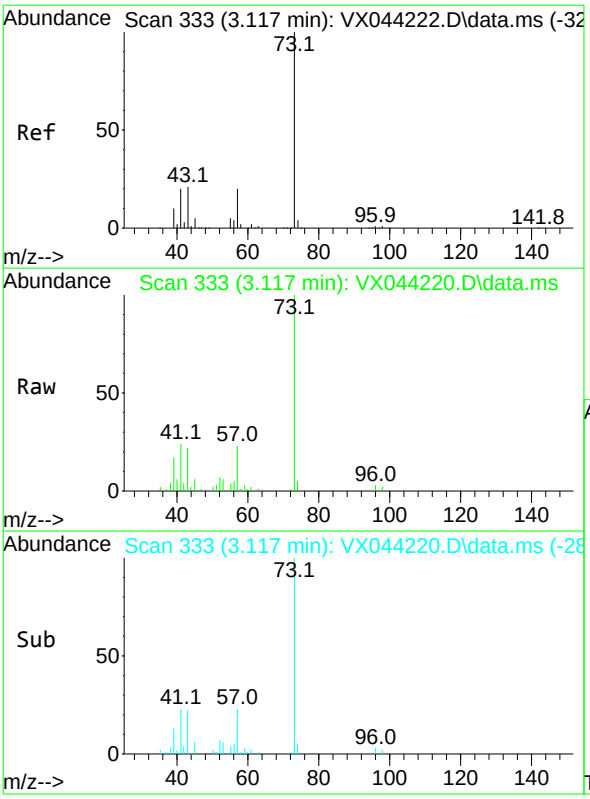


#18
Methyl Acetate
Concen: 4.824 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 43 Resp: 12412

Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.7	26.5

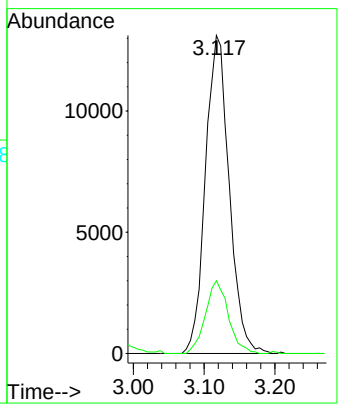




#19
Methyl tert-butyl Ether
Concen: 5.002 ug/l
RT: 3.117 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 73 Resp: 30546

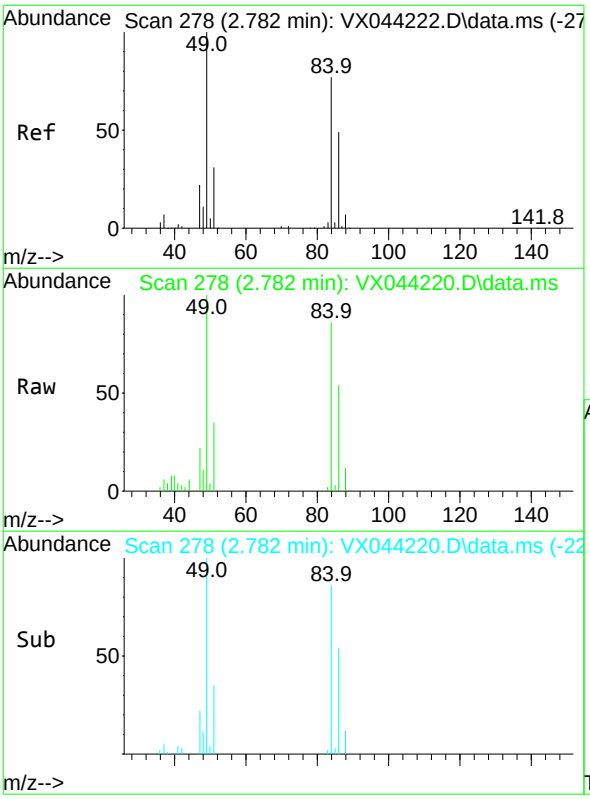
Ion	Ratio	Lower	Upper
73	100		
57	22.9	16.2	24.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

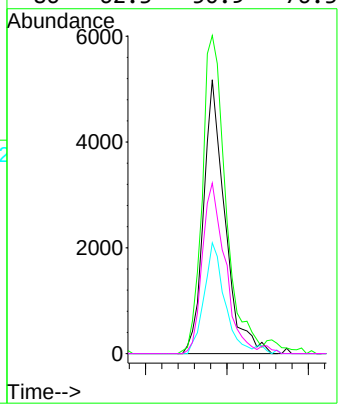
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

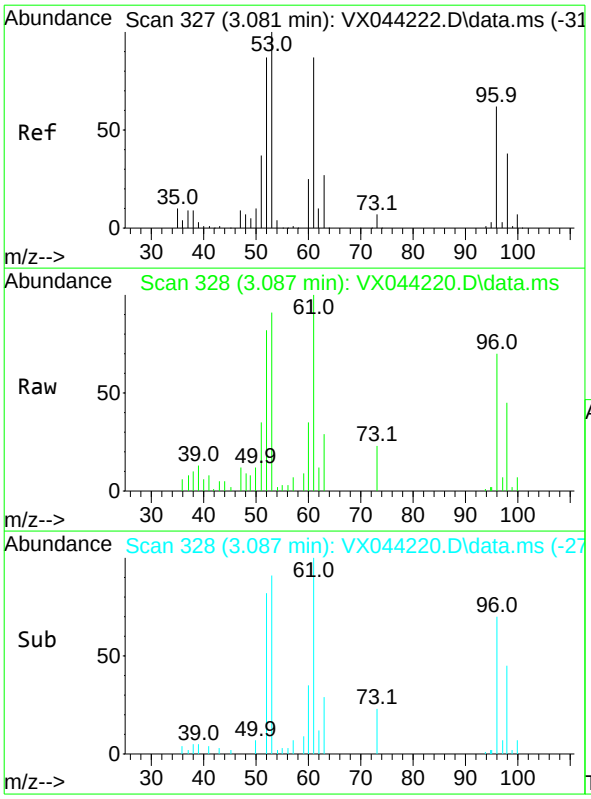


#20
Methylene Chloride
Concen: 5.050 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 84 Resp: 9466

Ion	Ratio	Lower	Upper
84	100		
49	116.2	104.2	156.4
51	40.4	32.2	48.4
86	62.3	50.9	76.3

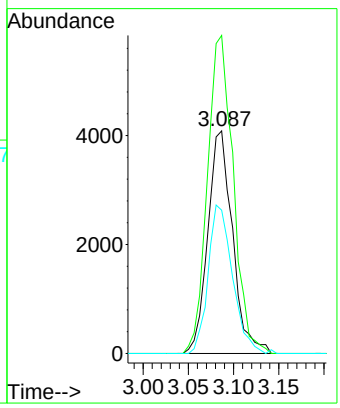




#21
trans-1,2-Dichloroethene
Concen: 4.671 ug/l
RT: 3.087 min Scan# 32
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 96 Resp: 7768

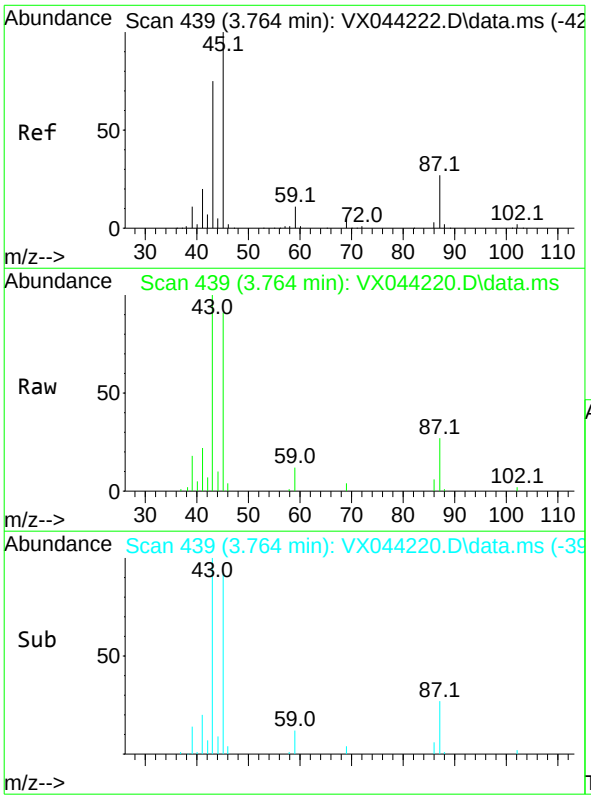
Ion	Ratio	Lower	Upper
96	100		
61	142.9	112.0	168.0
98	64.4	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

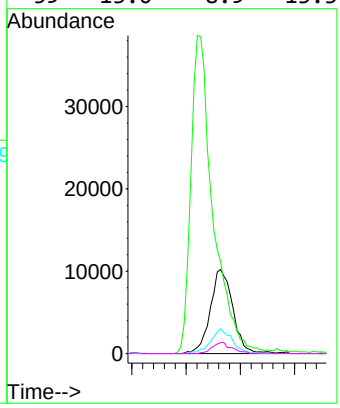
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

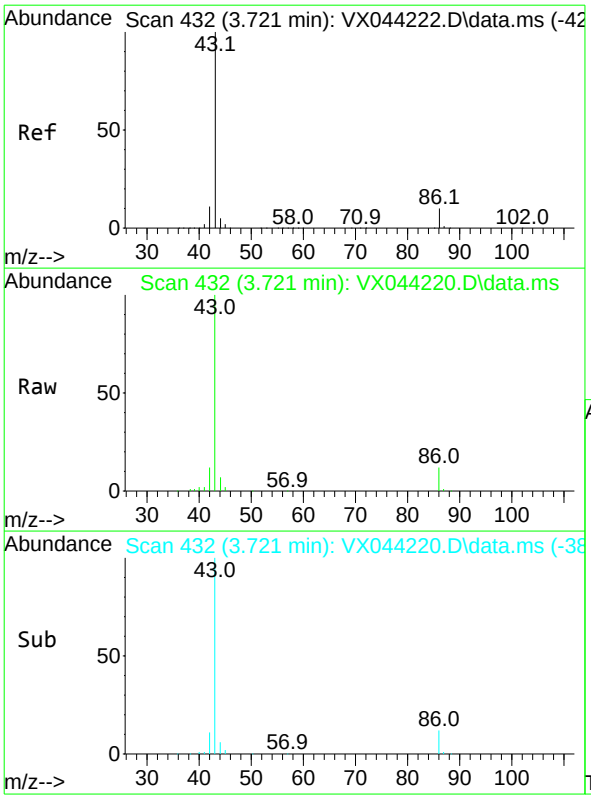


#22
Diisopropyl ether
Concen: 5.029 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 45 Resp: 29518

Ion	Ratio	Lower	Upper
45	100		
43	107.7	60.2	90.2#
87	29.5	21.2	31.8
59	13.0	8.9	13.3

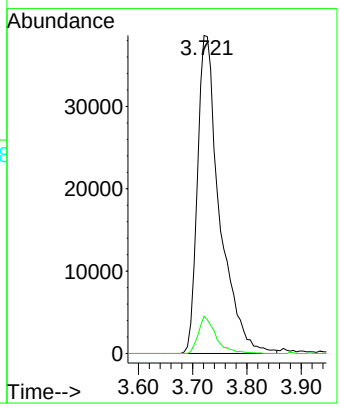




#23
Vinyl Acetate
Concen: 22.983 ug/l
RT: 3.721 min Scan# 43
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 43 Resp: 109670

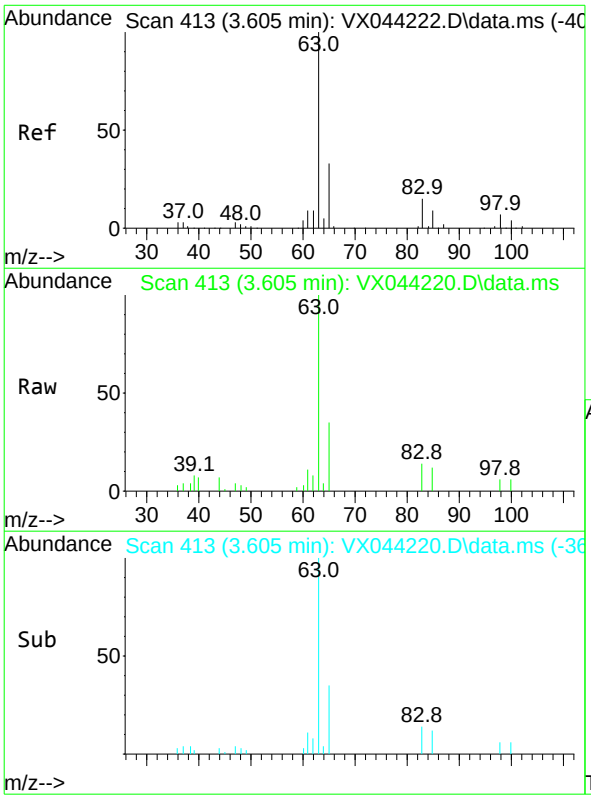
Ion	Ratio	Lower	Upper
43	100		
86	11.7	8.2	12.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

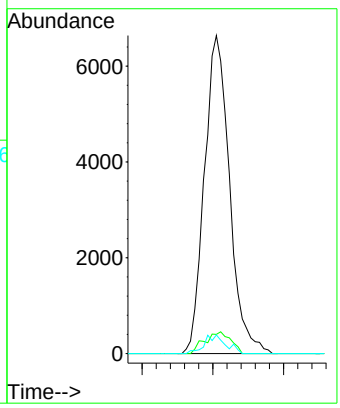
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

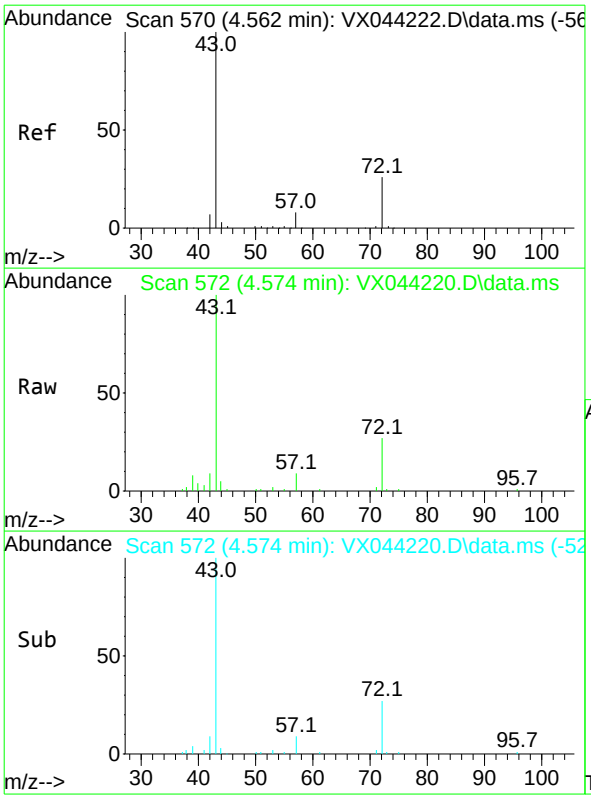


#24
1,1-Dichloroethane
Concen: 5.004 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 63 Resp: 16370

Ion	Ratio	Lower	Upper
63	100		
98	6.0	3.6	10.8
100	5.9	2.1	6.3

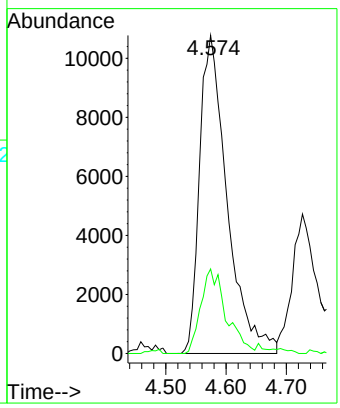




#25
2-Butanone
Concen: 24.138 ug/l
RT: 4.574 min Scan# 57
Delta R.T. 0.012 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 43 Resp: 34245

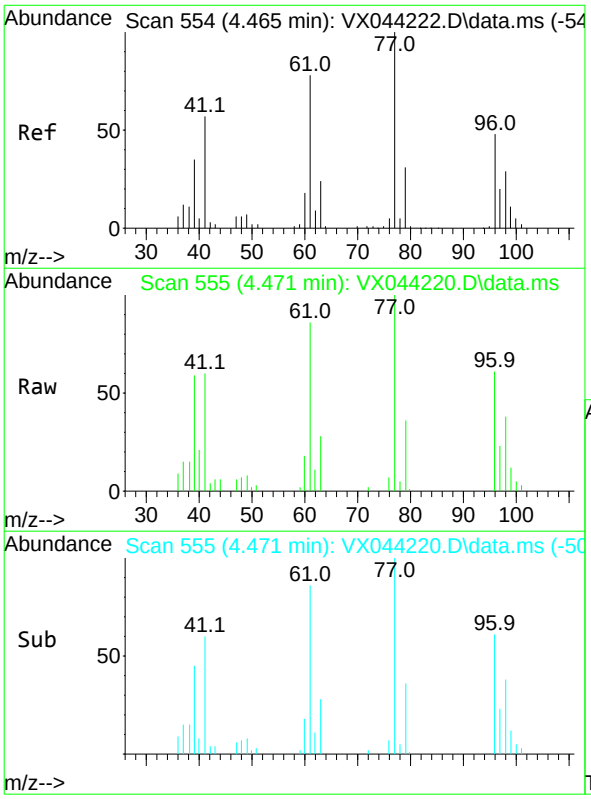
Ion	Ratio	Lower	Upper
43	100		
72	26.6	20.2	30.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

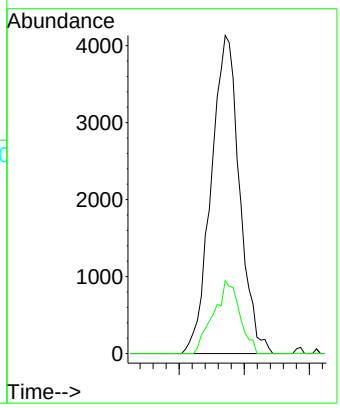
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

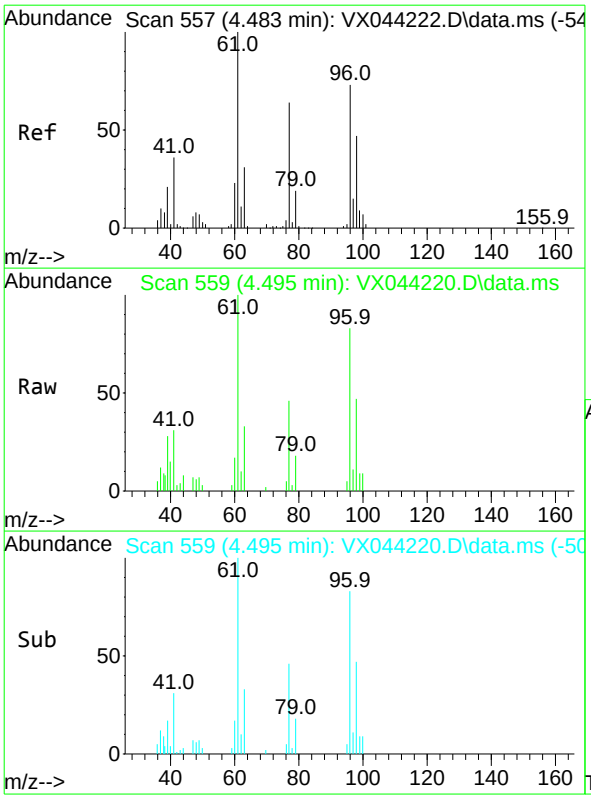


#26
2,2-Dichloropropane
Concen: 4.708 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 77 Resp: 12514

Ion	Ratio	Lower	Upper
77	100		
97	21.2	10.7	32.1

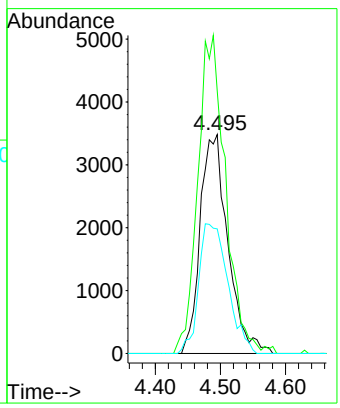




#27
cis-1,2-Dichloroethene
Concen: 4.873 ug/l
RT: 4.495 min Scan# 55
Delta R.T. 0.012 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 96 Resp: 10292

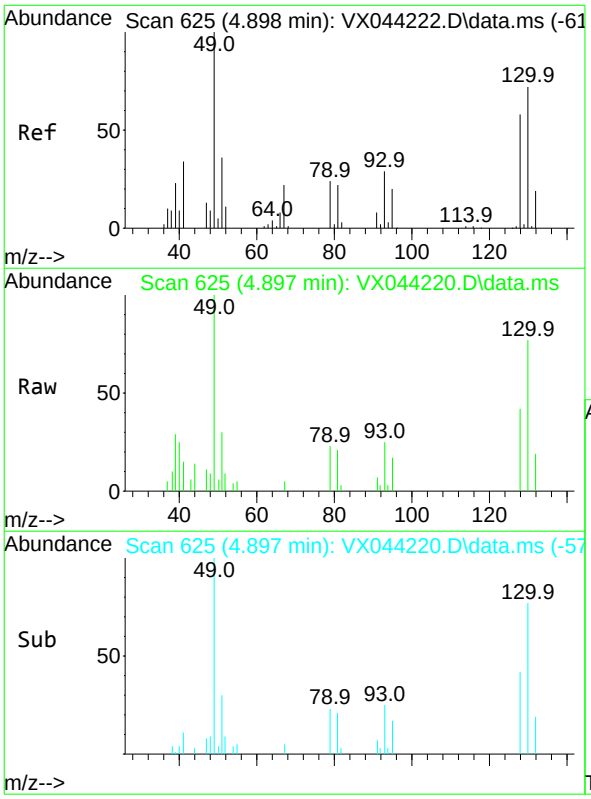
Ion	Ratio	Lower	Upper
96	100		
61	145.0	0.0	299.0
98	62.4	0.0	129.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

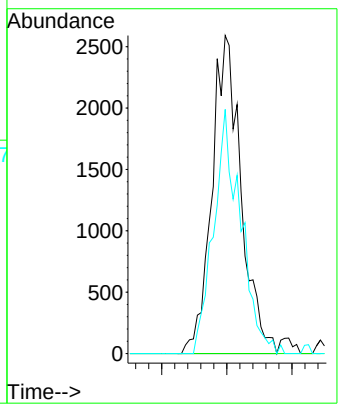
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

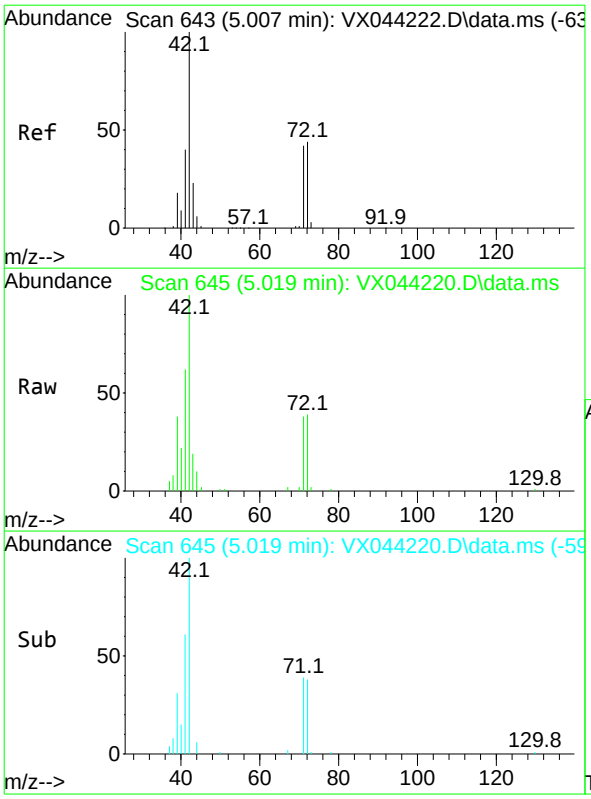


#28
Bromochloromethane
Concen: 5.017 ug/l
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 49 Resp: 8049

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	71.2	62.1	93.1

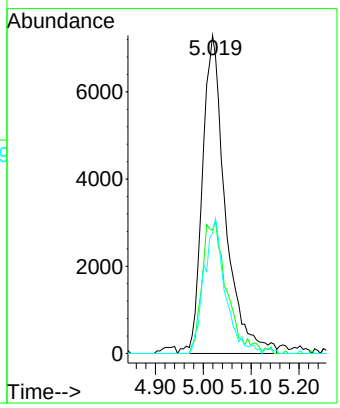




#29
Tetrahydrofuran
Concen: 26.693 ug/l
RT: 5.019 min Scan# 64
Delta R.T. 0.012 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 42 Resp: 24307

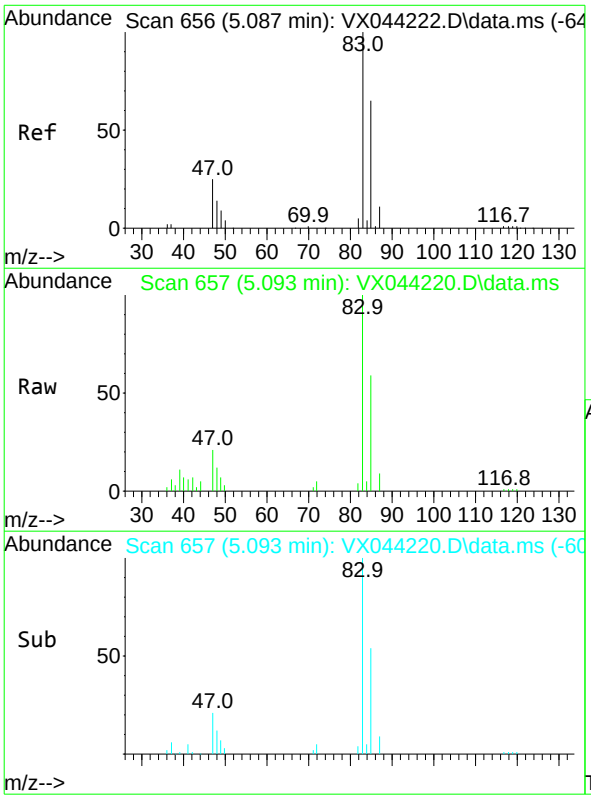
Ion	Ratio	Lower	Upper
42	100		
72	42.3	37.0	55.6
71	38.9	33.6	50.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

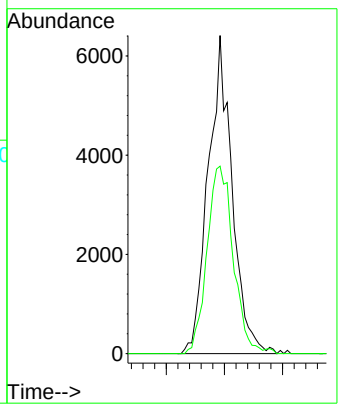
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

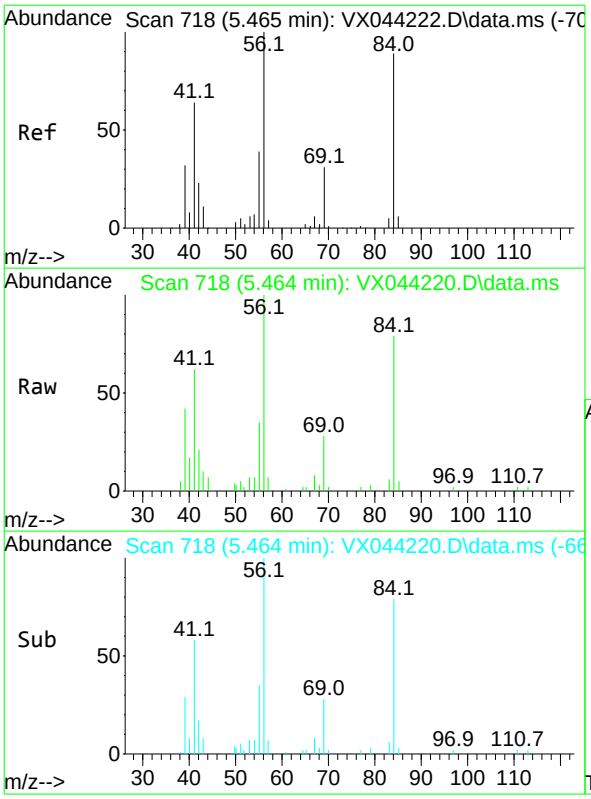


#30
Chloroform
Concen: 4.984 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 83 Resp: 18319

Ion	Ratio	Lower	Upper
83	100		
85	58.9	51.6	77.4

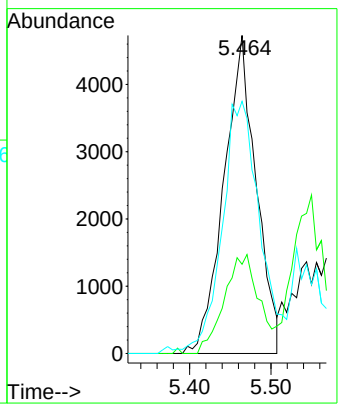




#31
Cyclohexane
Concen: 4.919 ug/l
RT: 5.464 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 56 Resp: 12995

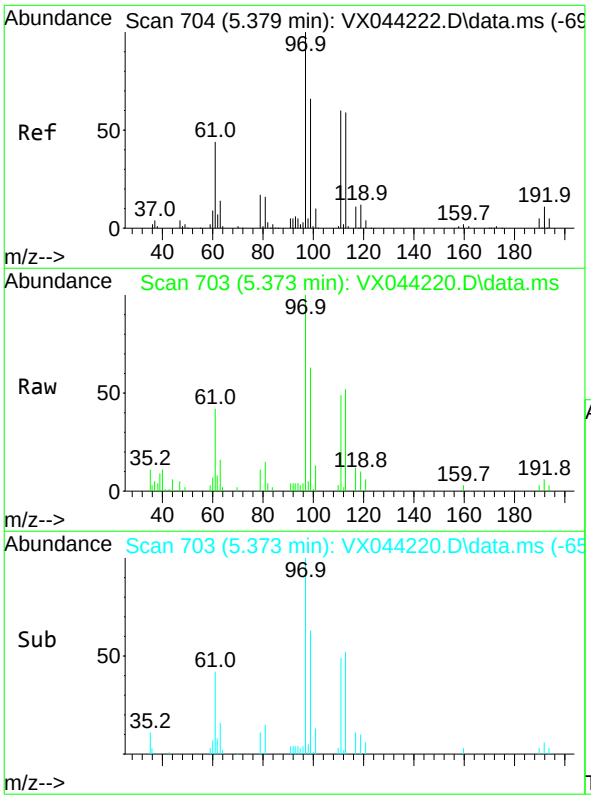
Ion	Ratio	Lower	Upper
56	100		
69	26.4	24.7	37.1
84	77.9	71.0	106.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

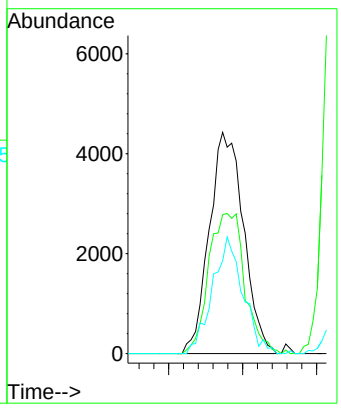
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

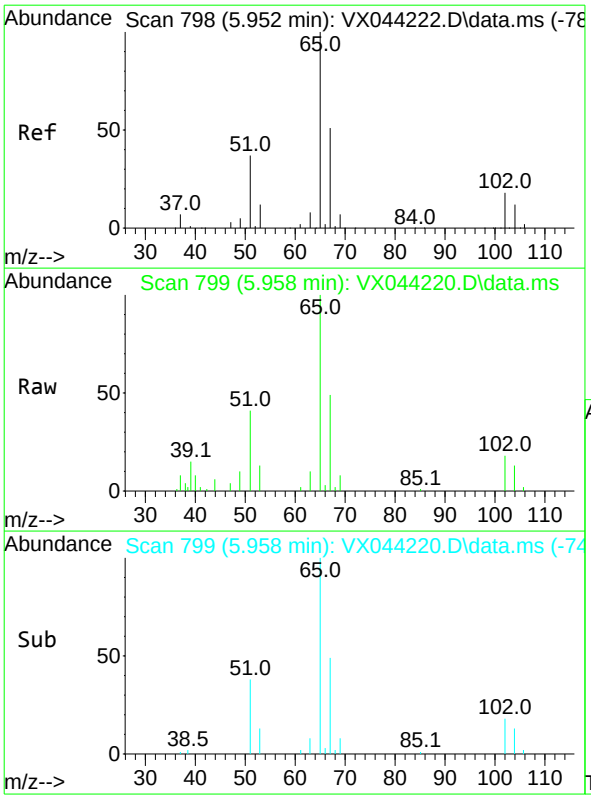


#32
1,1,1-Trichloroethane
Concen: 4.664 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 97 Resp: 14231

Ion	Ratio	Lower	Upper
97	100		
99	66.8	50.8	76.2
61	46.9	35.2	52.8

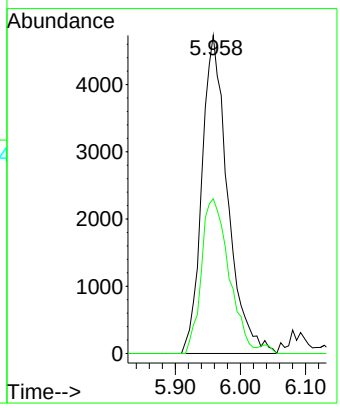




#33
1,2-Dichloroethane-d4
Concen: 5.328 ug/l
RT: 5.958 min Scan# 79
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 65 Resp: 13043

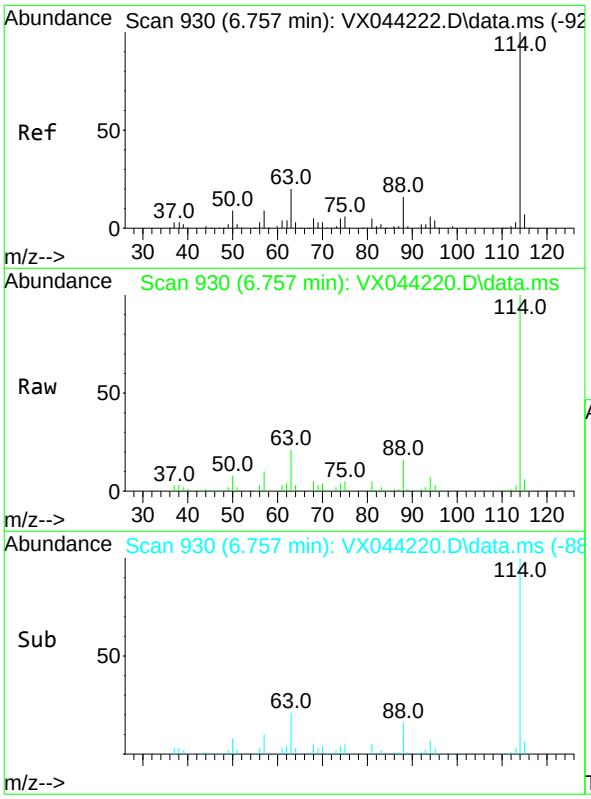
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	101.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

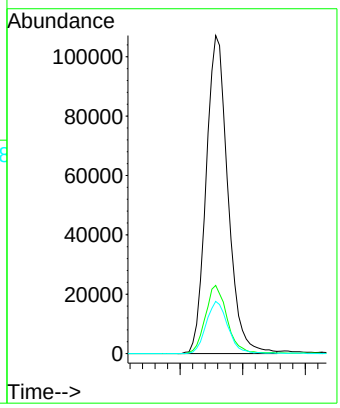
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

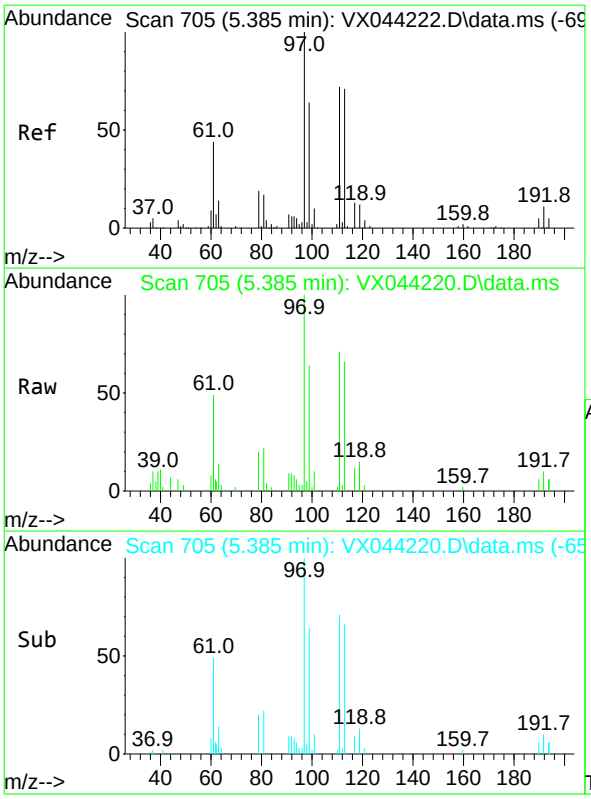


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:114 Resp: 258881

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	40.6
88	16.4	0.0	31.8

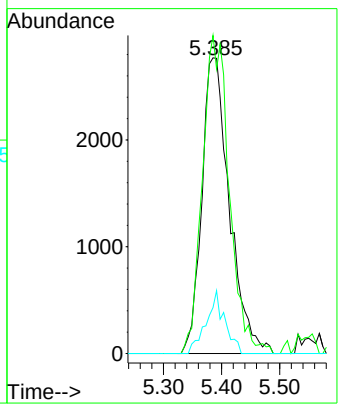




#35
Dibromofluoromethane
Concen: 5.100 ug/l
RT: 5.385 min Scan# 70
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:113 Resp: 9145

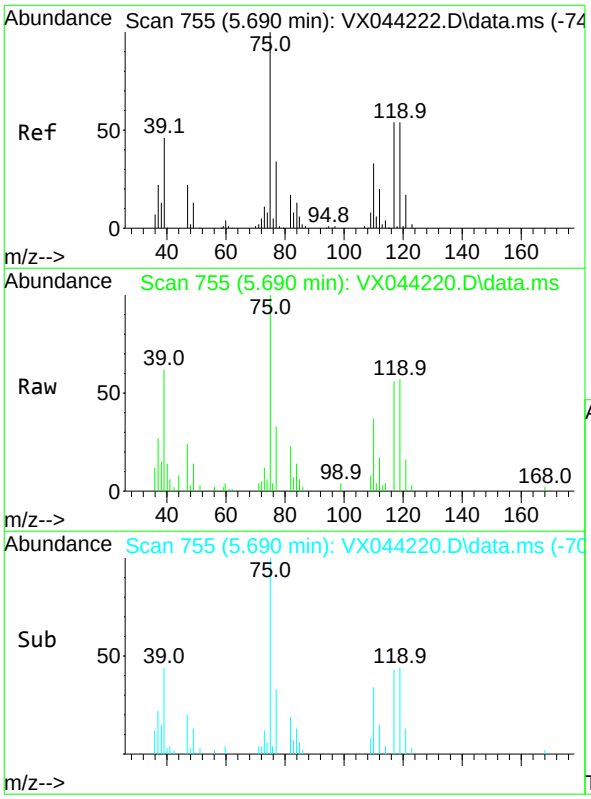
Ion	Ratio	Lower	Upper
113	100		
111	104.7	80.4	120.6
192	14.2	13.3	19.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

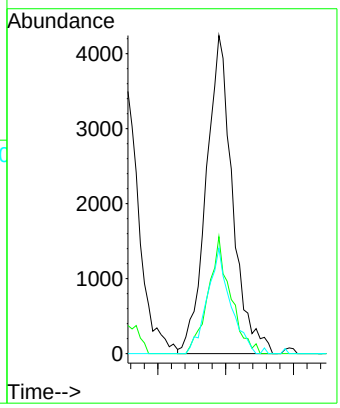
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

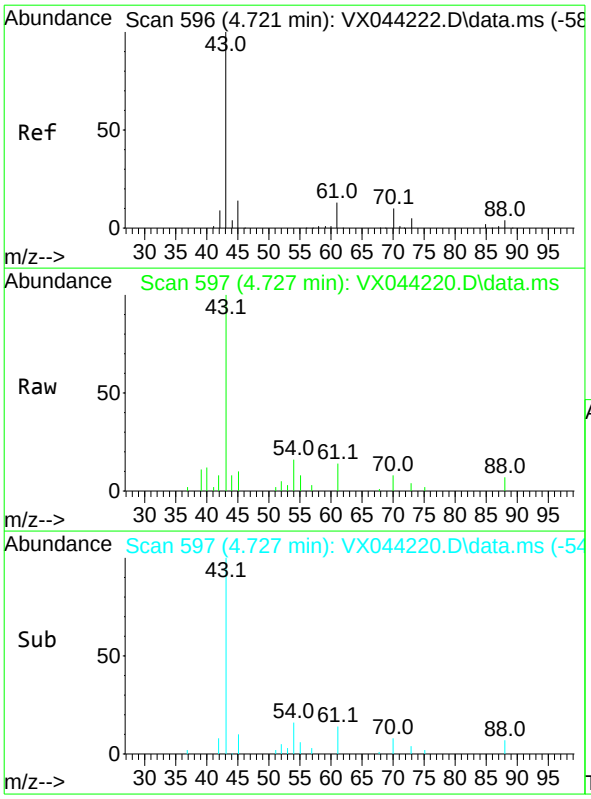


#36
1,1-Dichloropropene
Concen: 4.942 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 75 Resp: 11455

Ion	Ratio	Lower	Upper
75	100		
110	31.1	17.3	51.7
77	28.7	25.4	38.0

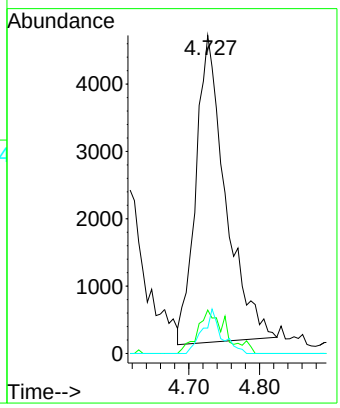




#37
Ethyl Acetate
Concen: 4.630 ug/l
RT: 4.727 min Scan# 59
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 43 Resp: 13265

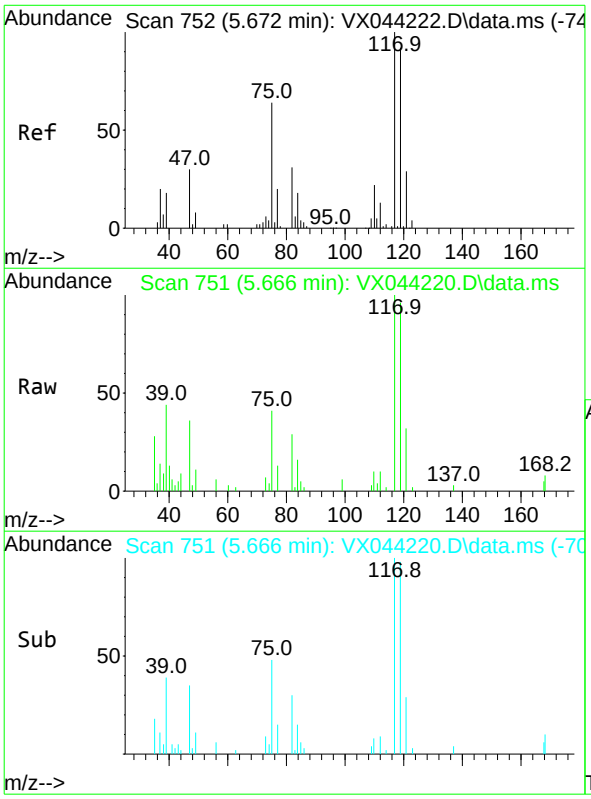
Ion	Ratio	Lower	Upper
43	100		
61	13.6	9.8	14.8
70	9.1	7.7	11.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

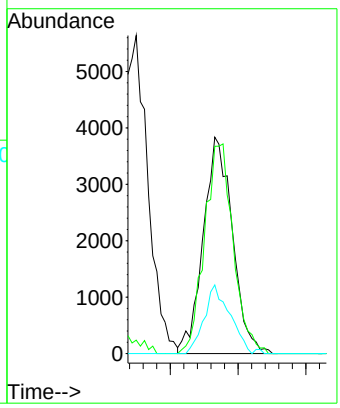
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

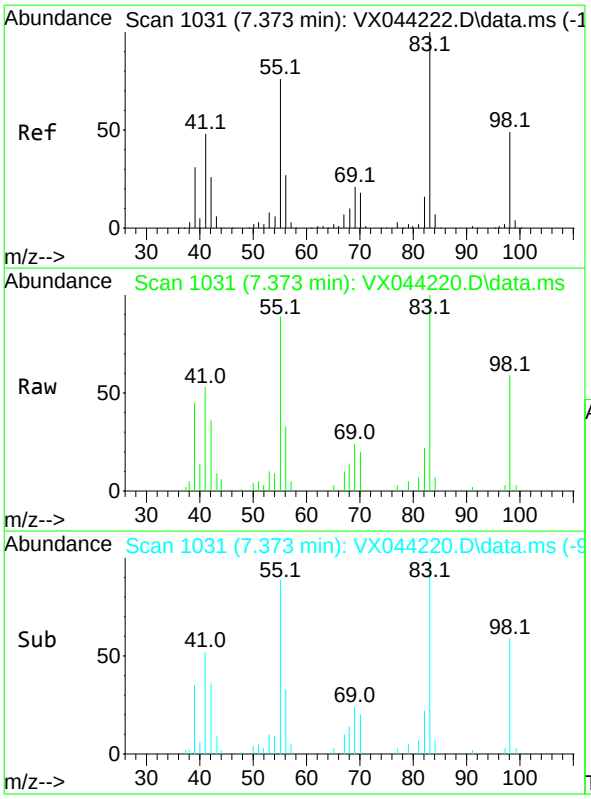


#38
Carbon Tetrachloride
Concen: 4.599 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:117 Resp: 11476

Ion	Ratio	Lower	Upper
117	100		
119	95.8	74.2	111.4
121	31.7	23.0	34.6

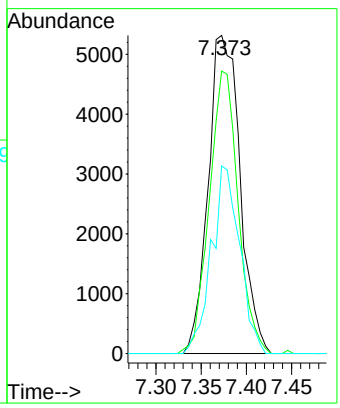




#39
Methylcyclohexane
Concen: 4.699 ug/l
RT: 7.373 min Scan# 10
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 83 Resp: 13019

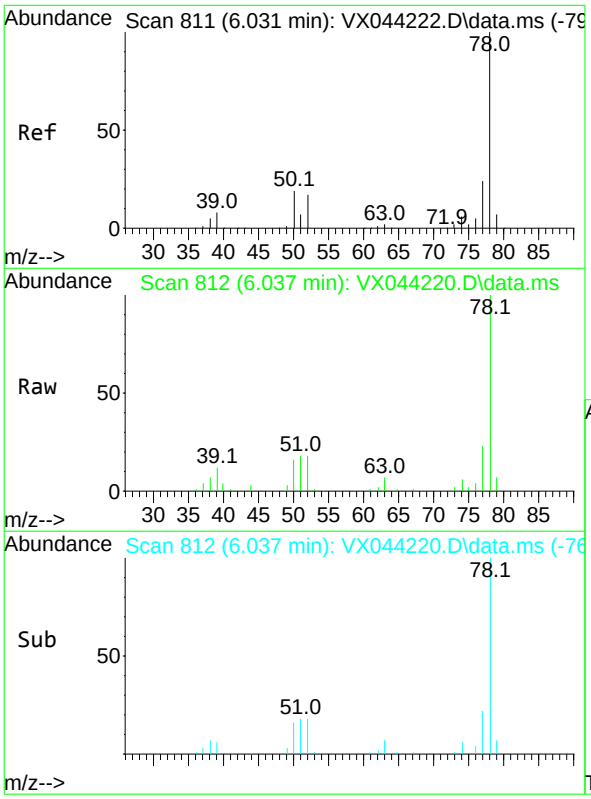
Ion	Ratio	Lower	Upper
83	100		
55	88.8	60.7	91.1
98	59.0	38.9	58.3#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

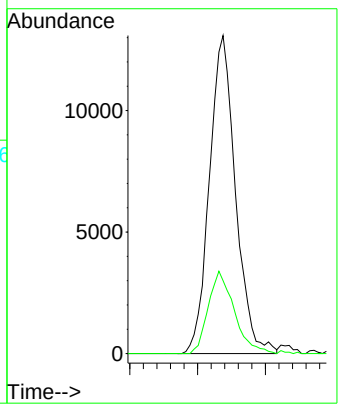
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

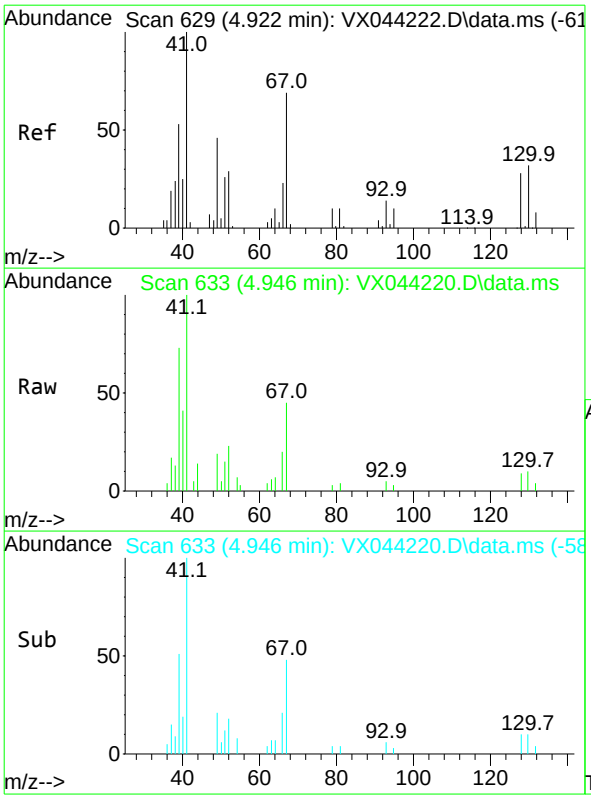


#40
Benzene
Concen: 4.976 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 78 Resp: 35018

Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.3	28.9

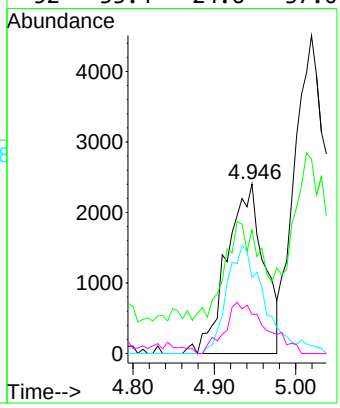




#41
Methacrylonitrile
Concen: 4.986 ug/l
RT: 4.946 min Scan# 63
Delta R.T. 0.024 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 41 Resp: 7585

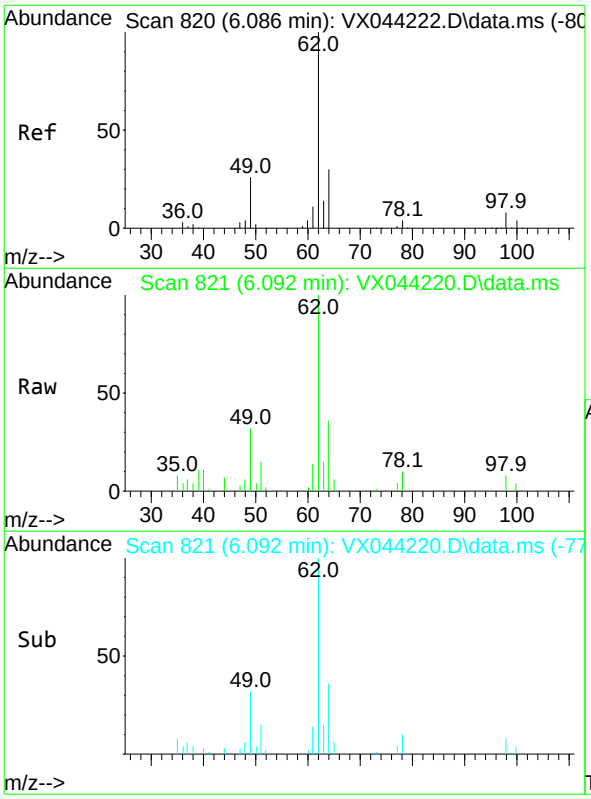
Ion	Ratio	Lower	Upper
41	100		
39	58.4	44.2	66.4
67	63.0	57.2	85.8
52	33.4	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

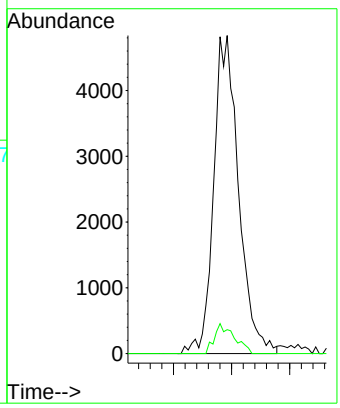
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

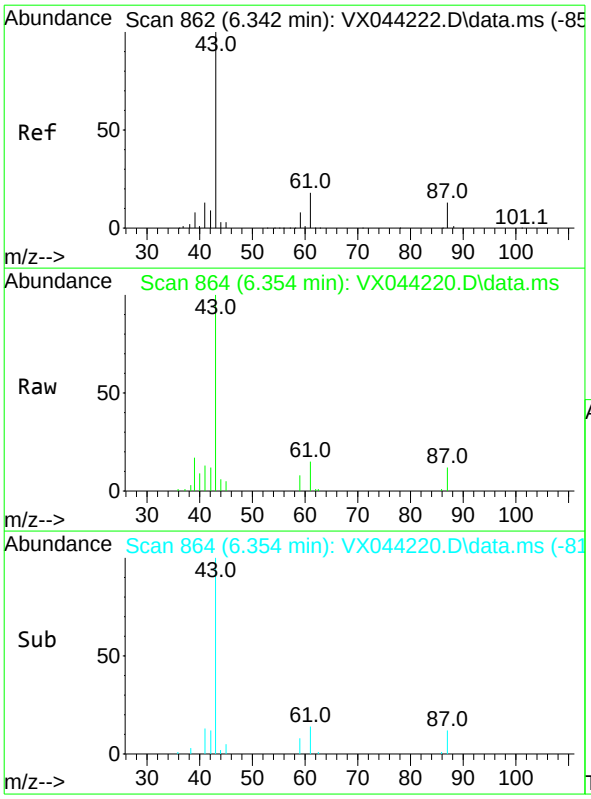


#42
1,2-Dichloroethane
Concen: 4.974 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 62 Resp: 14419

Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	15.8

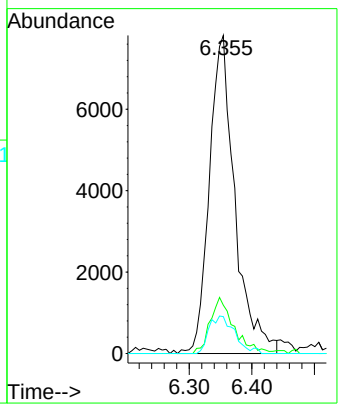




#43
Isopropyl Acetate
Concen: 4.935 ug/l
RT: 6.354 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 43 Resp: 22098

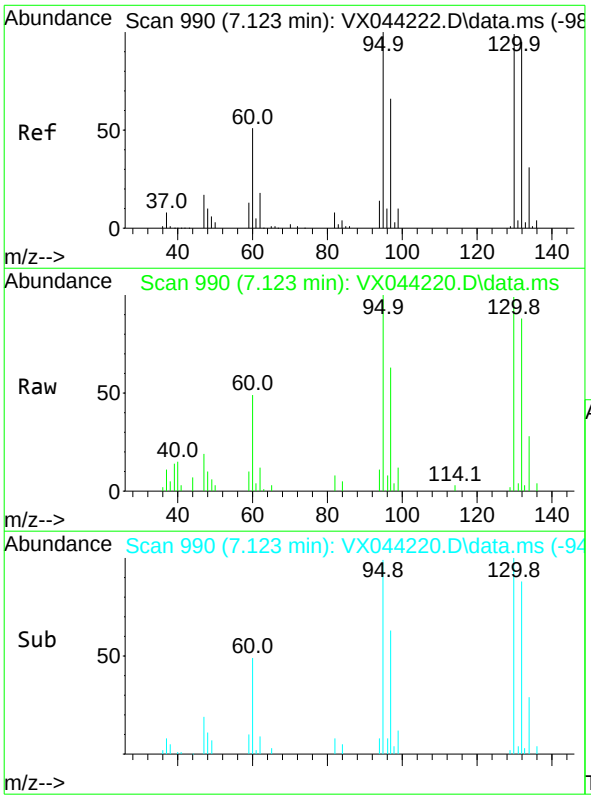
Ion	Ratio	Lower	Upper
43	100		
61	16.5	14.2	21.2
87	11.9	10.2	15.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

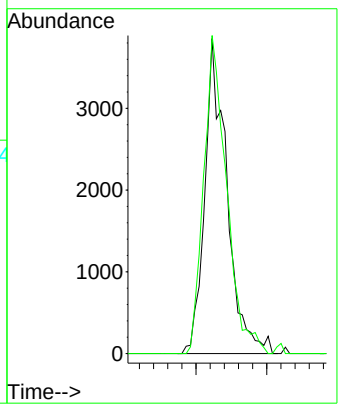
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

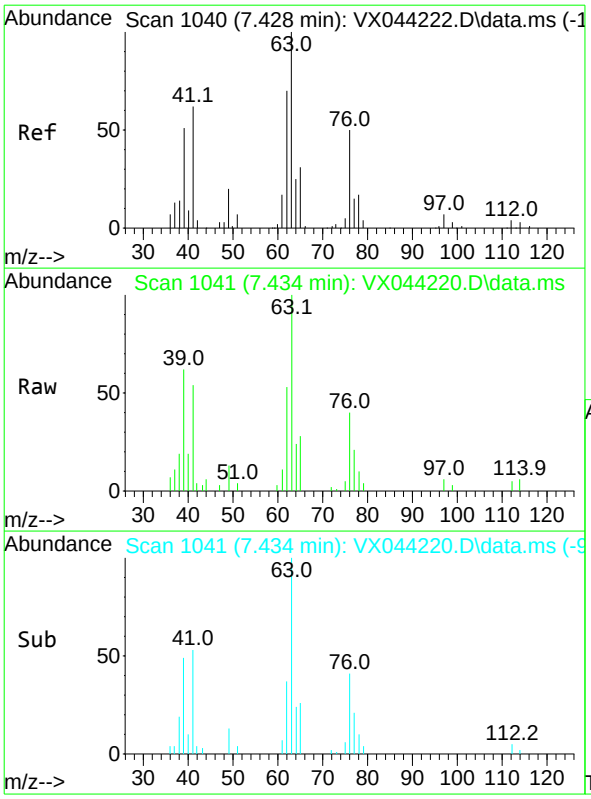


#44
Trichloroethene
Concen: 4.790 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:130 Resp: 8405

Ion	Ratio	Lower	Upper
130	100		
95	100.9	0.0	201.4

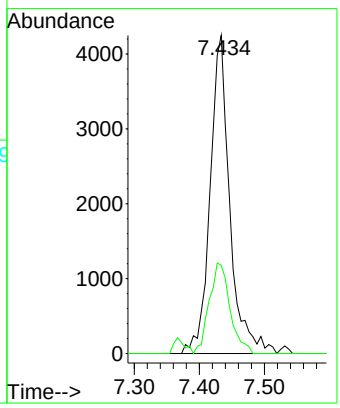




#45
1,2-Dichloropropane
Concen: 4.968 ug/l
RT: 7.434 min Scan# 10
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 63 Resp: 8932

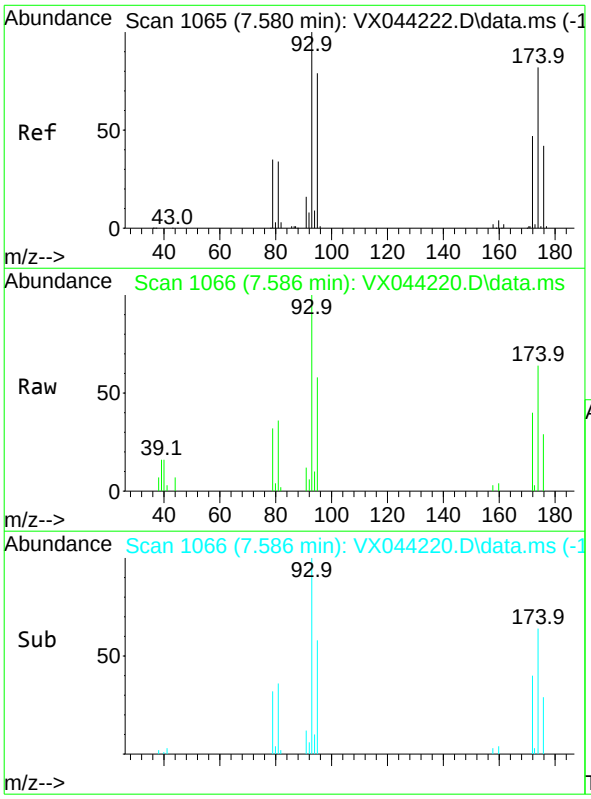
Ion	Ratio	Lower	Upper
63	100		
65	27.8	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

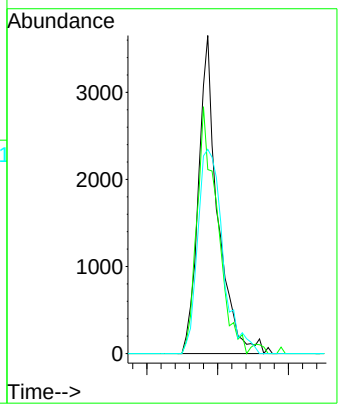
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

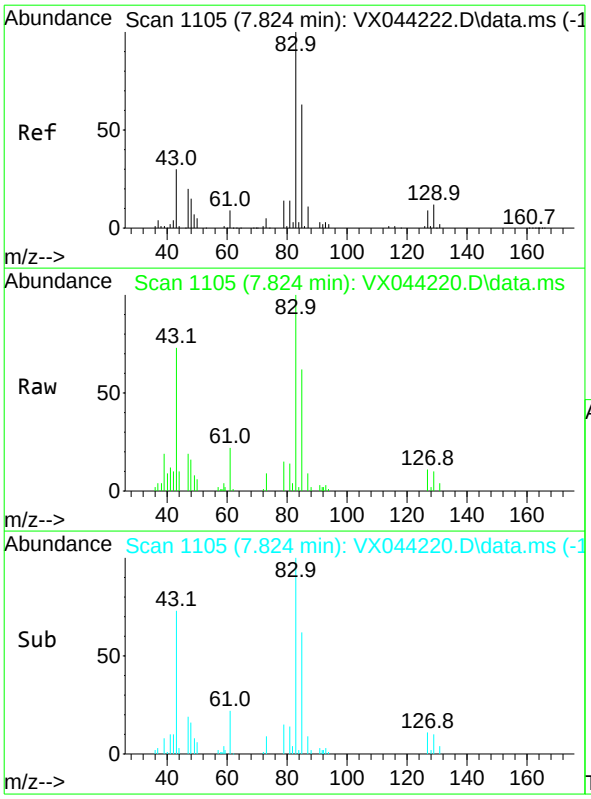


#46
Dibromomethane
Concen: 4.958 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 93 Resp: 6915

Ion	Ratio	Lower	Upper
93	100		
95	82.3	65.4	98.2
174	83.6	67.9	101.9

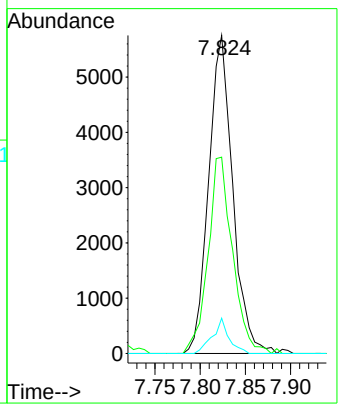




#47
Bromodichloromethane
Concen: 4.420 ug/l
RT: 7.824 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 83 Resp: 10646

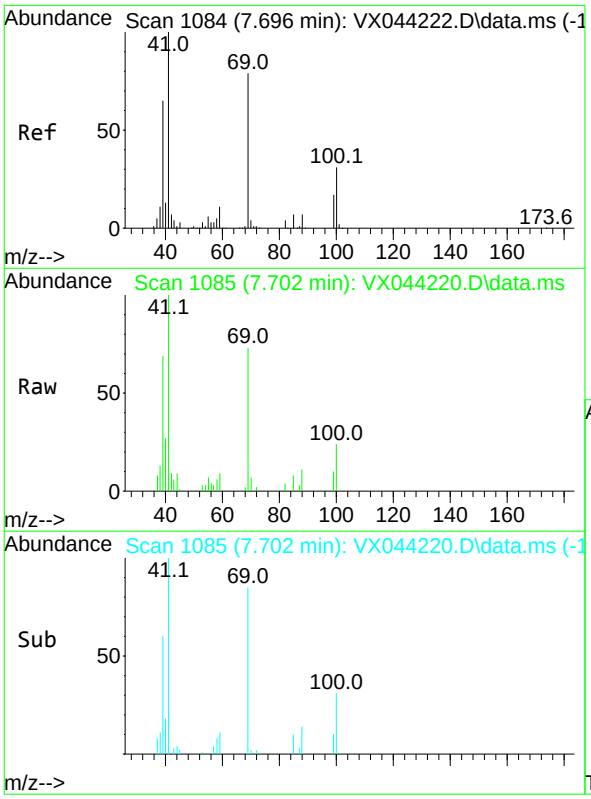
Ion	Ratio	Lower	Upper
83	100		
85	61.7	50.6	75.8
127	11.1	7.3	10.9#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

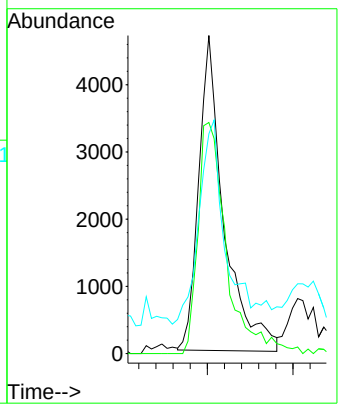
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

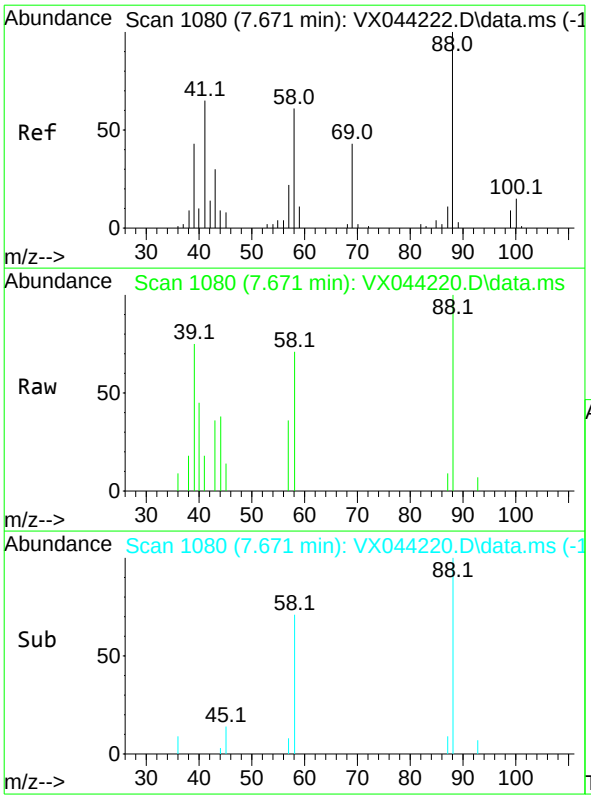


#48
Methyl methacrylate
Concen: 4.410 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 41 Resp: 9586

Ion	Ratio	Lower	Upper
41	100		
69	82.8	62.4	93.6
39	66.7	53.3	79.9

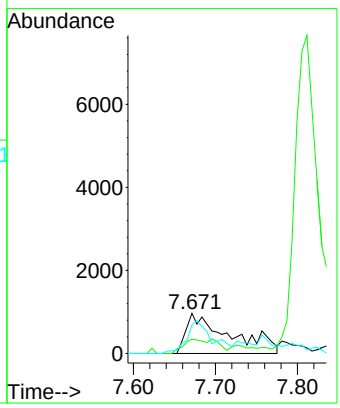




#49
1,4-Dioxane
Concen: 95.429 ug/l m
RT: 7.671 min Scan# 10
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 88 Resp: 3545

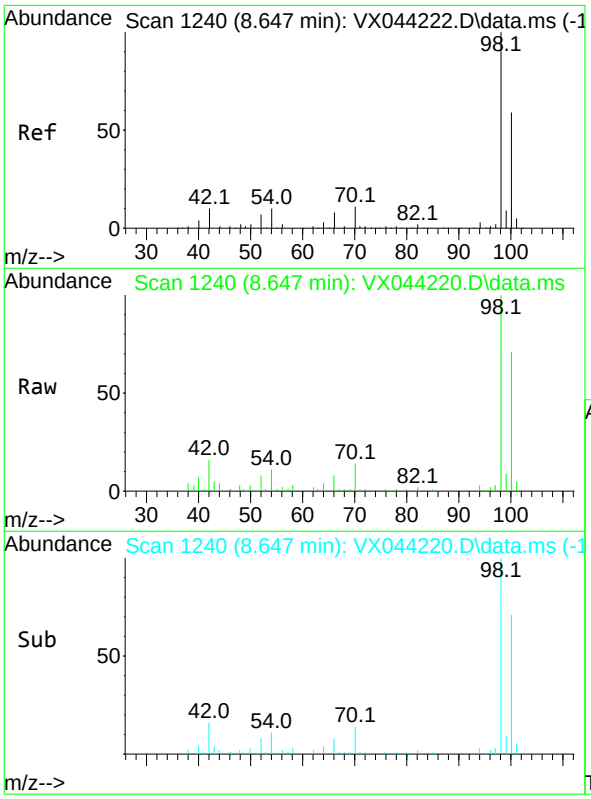
Ion	Ratio	Lower	Upper
88	100		
43	18.3	27.1	40.7#
58	48.3	41.0	61.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

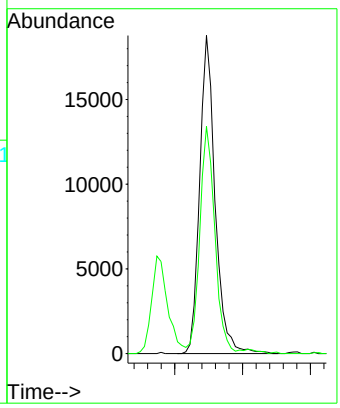
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

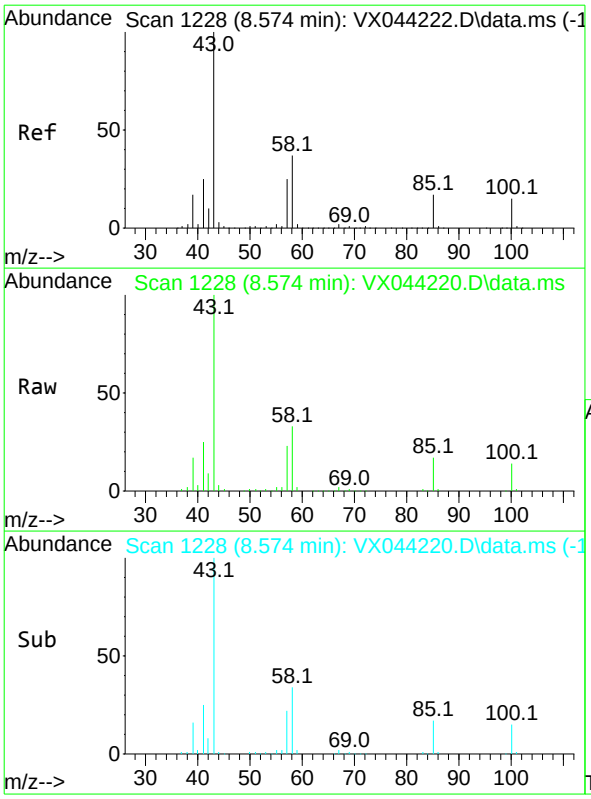


#50
Toluene-d8
Concen: 4.915 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 98 Resp: 29732

Ion	Ratio	Lower	Upper
98	100		
100	67.4	51.5	77.3

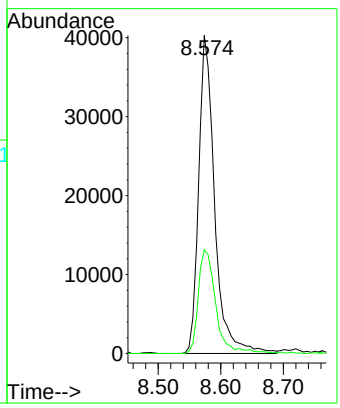




#51
4-Methyl-2-Pentanone
Concen: 24.759 ug/l
RT: 8.574 min Scan# 12
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 43 Resp: 71285

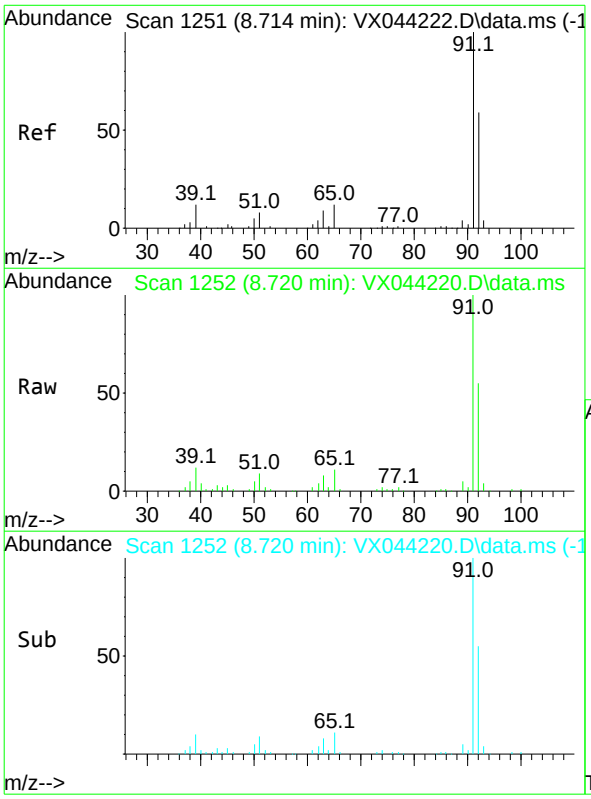
Ion	Ratio	Lower	Upper
43	100		
58	35.7	29.4	44.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

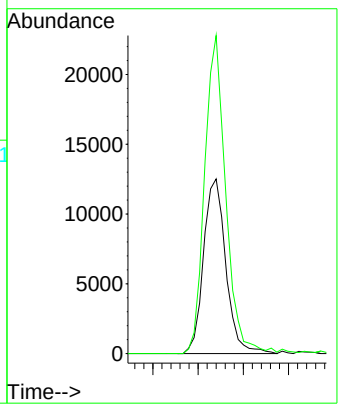
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

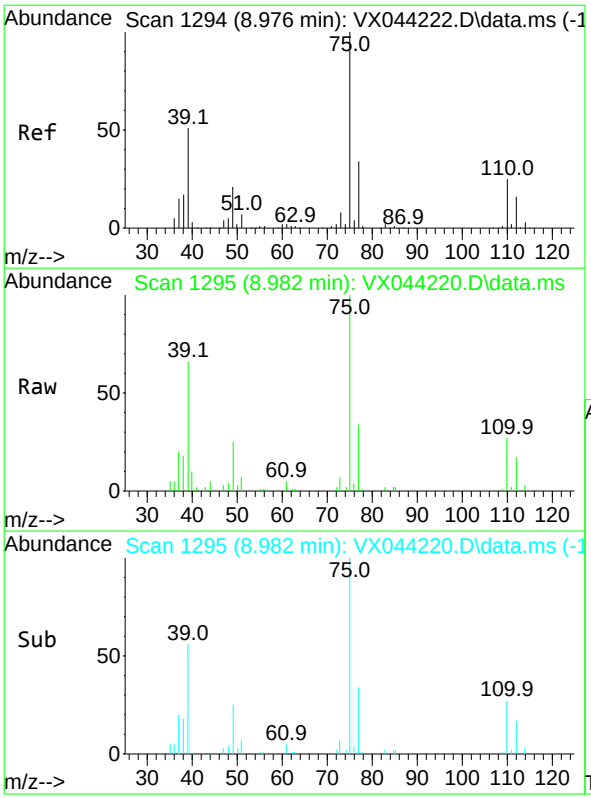


#52
Toluene
Concen: 4.862 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 92 Resp: 21486

Ion	Ratio	Lower	Upper
92	100		
91	173.0	137.0	205.6

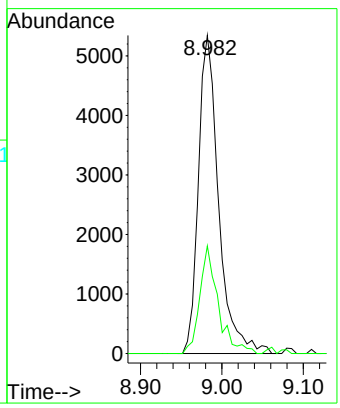




#53
t-1,3-Dichloropropene
Concen: 4.665 ug/l
RT: 8.982 min Scan# 12
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 75 Resp: 9232

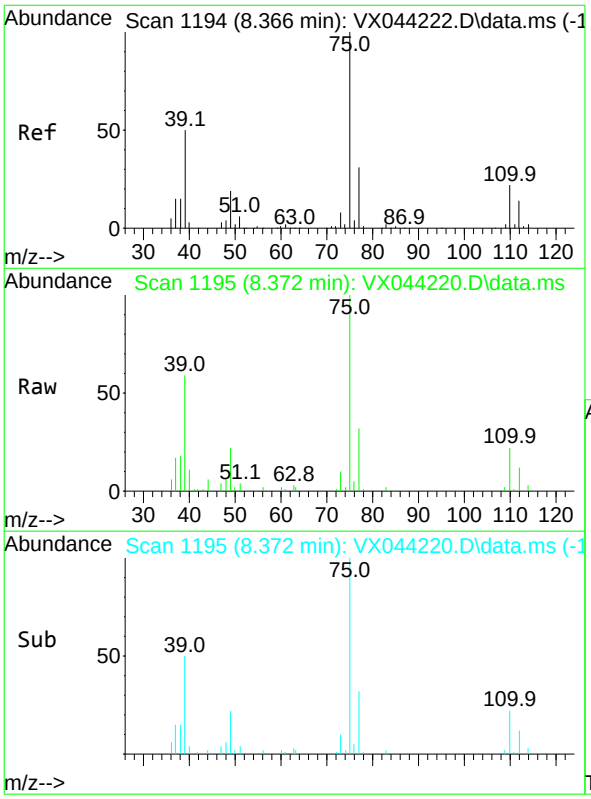
Ion	Ratio	Lower	Upper
75	100		
77	33.8	27.2	40.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

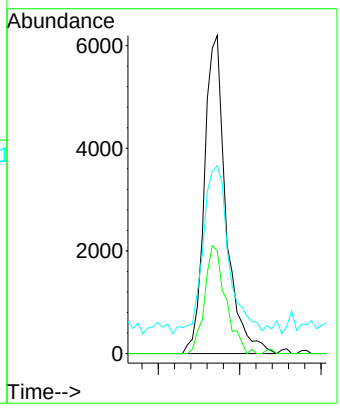
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

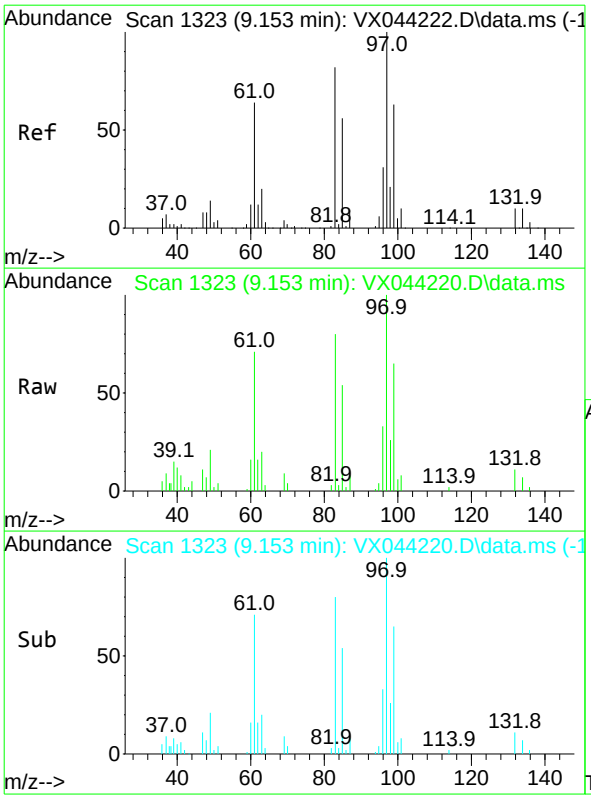


#54
cis-1,3-Dichloropropene
Concen: 4.348 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 75 Resp: 11404

Ion	Ratio	Lower	Upper
75	100		
77	32.4	24.7	37.1
39	50.5	40.3	60.5

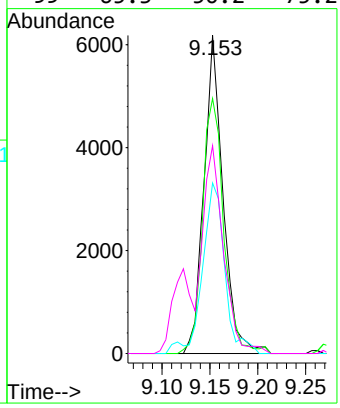




#55
1,1,2-Trichloroethane
Concen: 4.893 ug/l
RT: 9.153 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 97 Resp: 8590

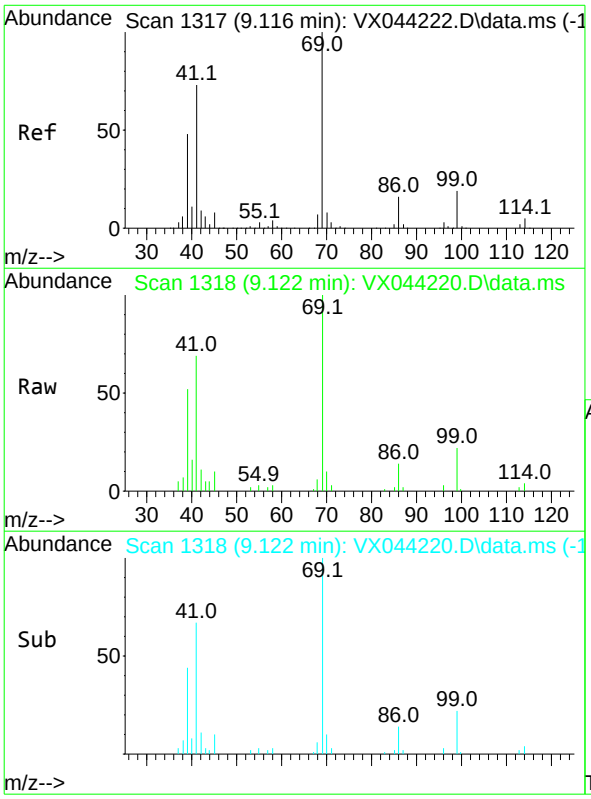
Ion	Ratio	Lower	Upper
97	100		
83	80.2	65.3	97.9
85	53.6	44.6	67.0
99	65.3	50.2	75.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

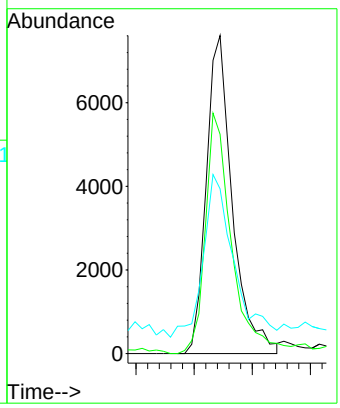
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

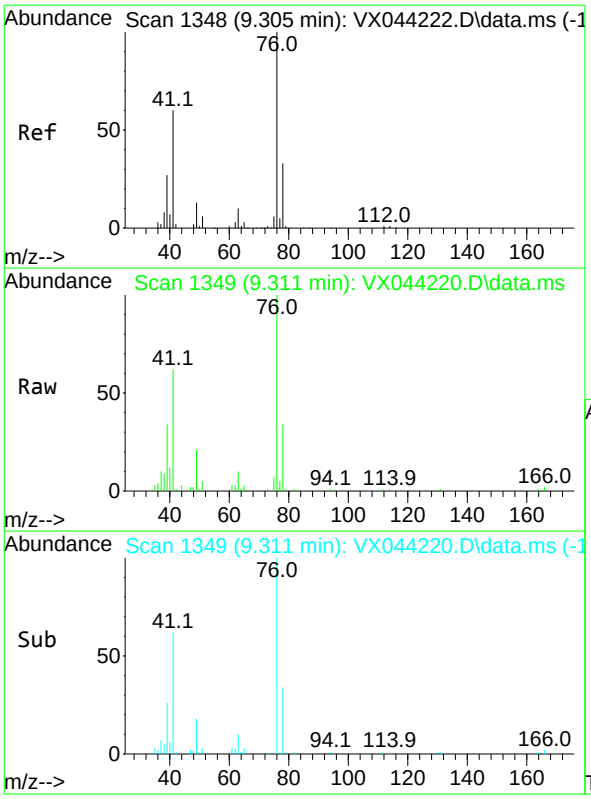


#56
Ethyl methacrylate
Concen: 4.277 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 69 Resp: 11854

Ion	Ratio	Lower	Upper
69	100		
41	76.0	56.6	85.0
39	58.7	37.4	56.0#

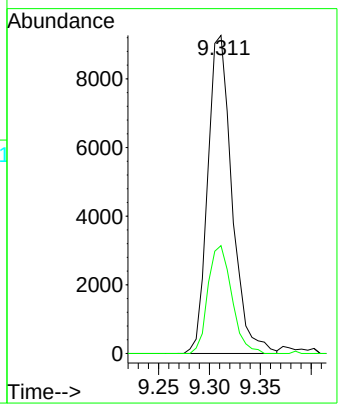




#57
1,3-Dichloropropane
Concen: 5.024 ug/l
RT: 9.311 min Scan# 13
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 76 Resp: 15352

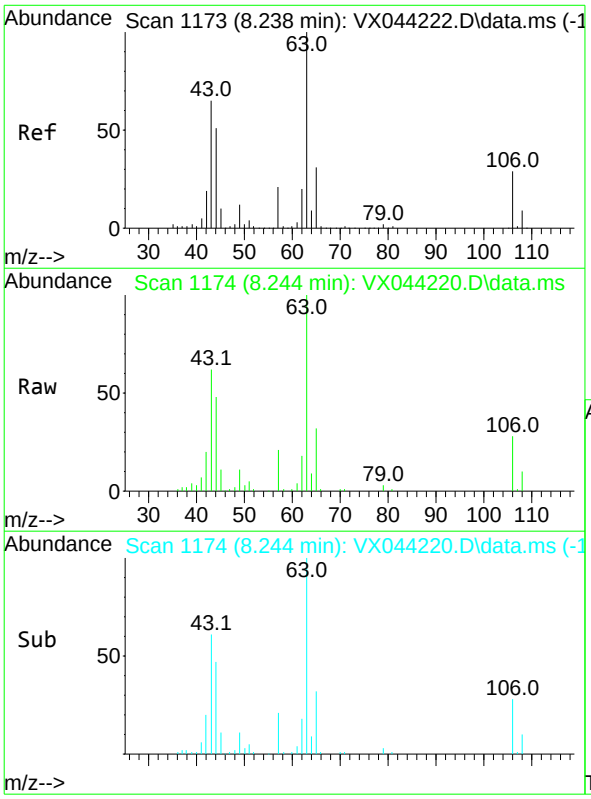
Ion	Ratio	Lower	Upper
76	100		
78	33.3	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

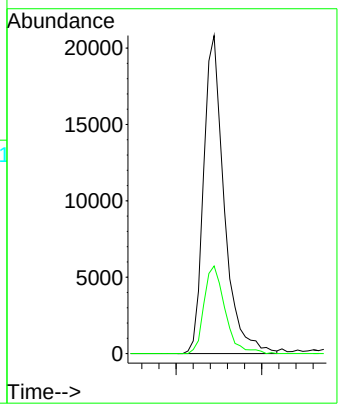
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

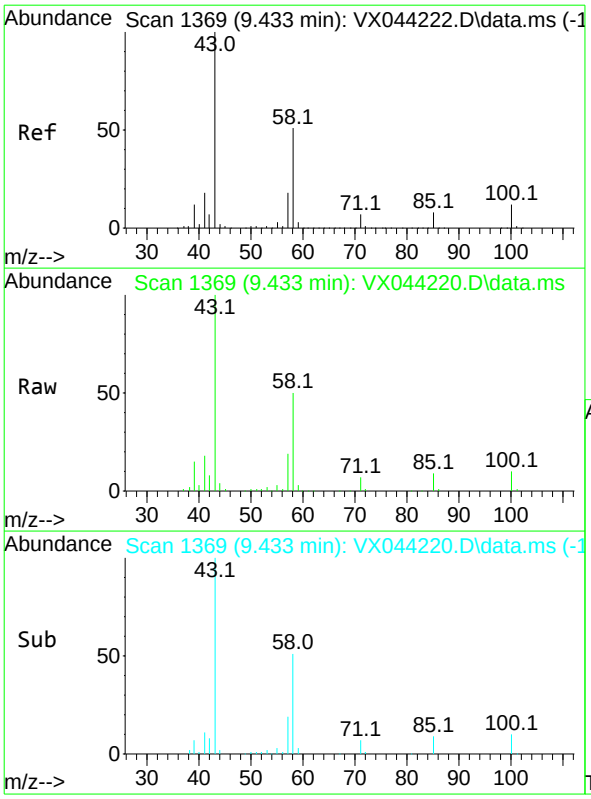


#58
2-Chloroethyl Vinyl ether
Concen: 24.852 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 63 Resp: 34738

Ion	Ratio	Lower	Upper
63	100		
106	28.1	22.8	34.2

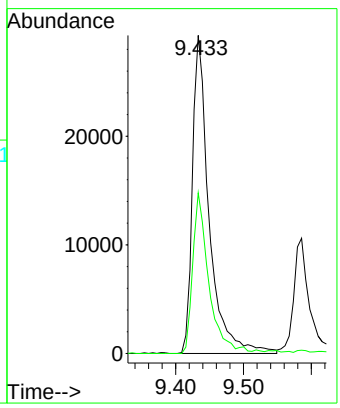




#59
2-Hexanone
Concen: 23.994 ug/l
RT: 9.433 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 43 Resp: 50003

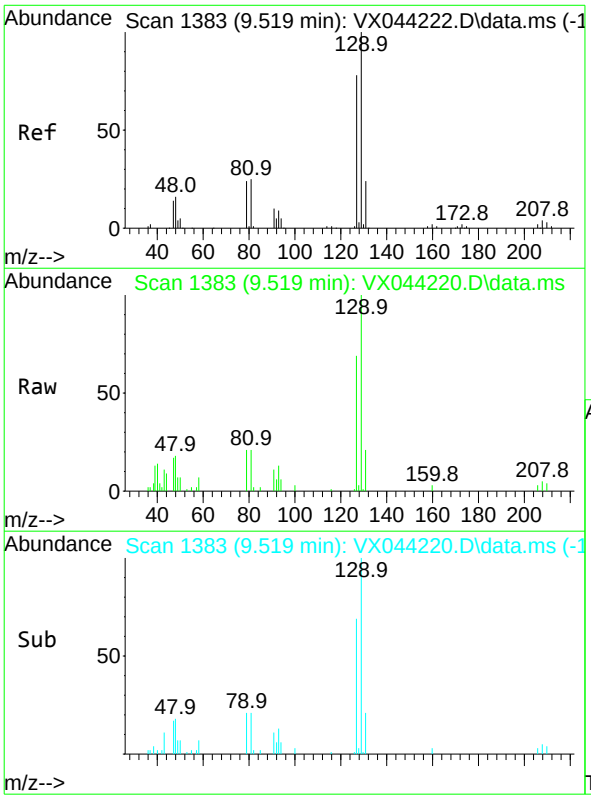
Ion	Ratio	Lower	Upper
43	100		
58	48.6	25.7	77.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

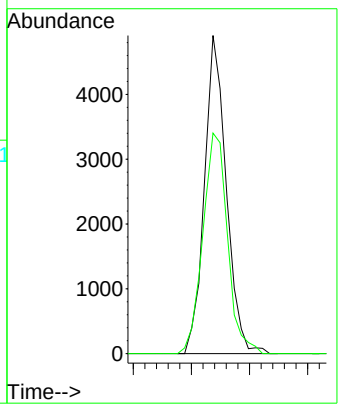
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

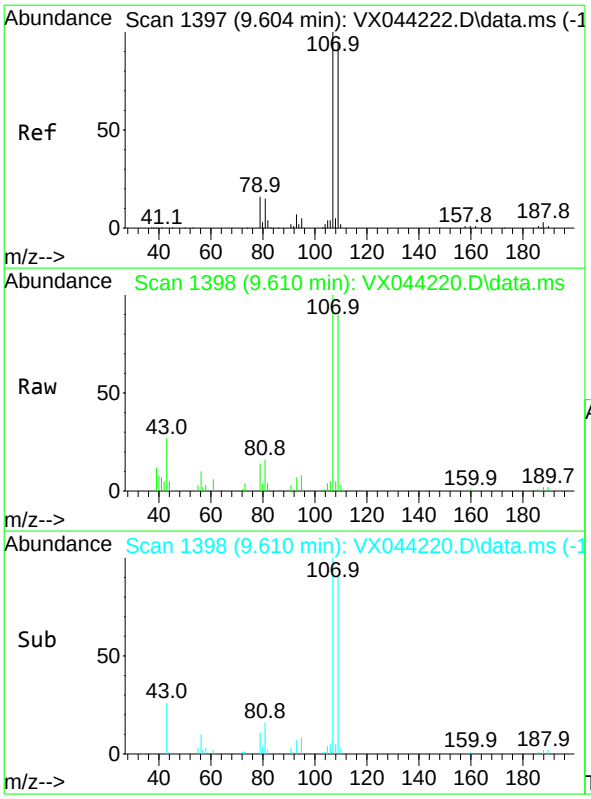


#60
Dibromochloromethane
Concen: 4.738 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:129 Resp: 6411

Ion	Ratio	Lower	Upper
129	100		
127	78.3	38.5	115.3

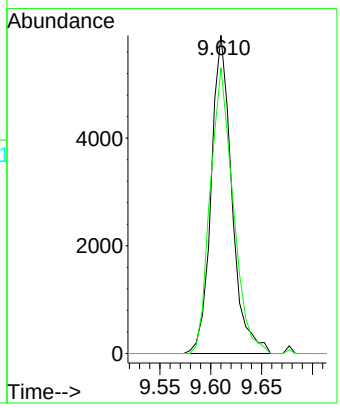




#61
1,2-Dibromoethane
Concen: 4.662 ug/l
RT: 9.610 min Scan# 13
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:107 Resp: 8330

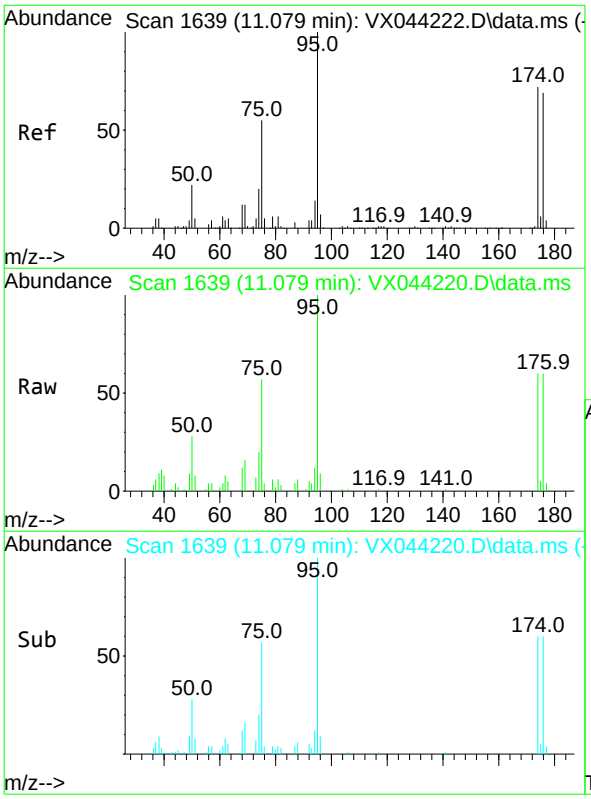
Ion	Ratio	Lower	Upper
107	100		
109	99.5	77.0	115.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

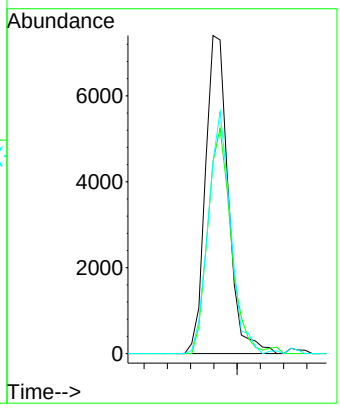
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

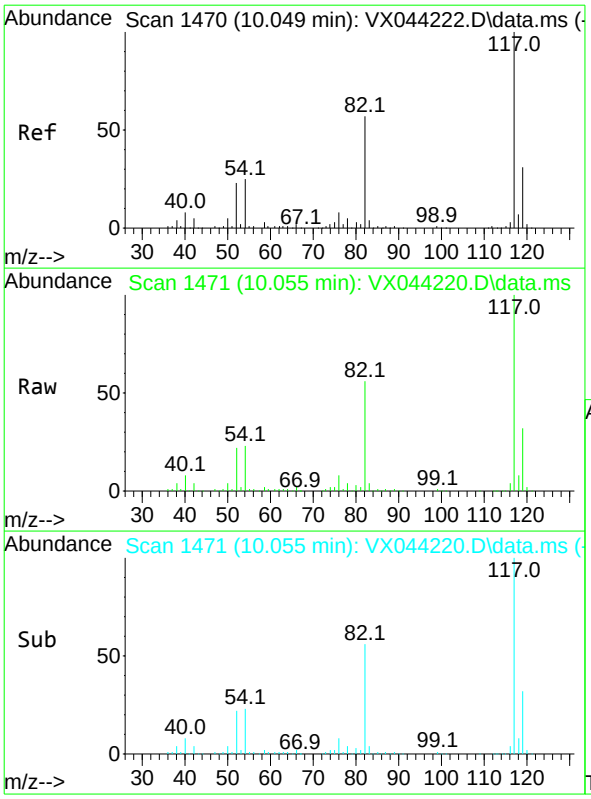


#62
4-Bromofluorobenzene
Concen: 4.779 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 95 Resp: 10101

Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	145.8
176	74.4	0.0	137.8

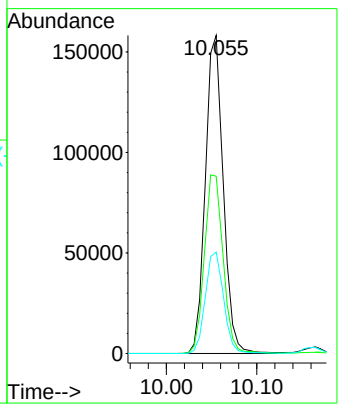




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:117 Resp: 217783

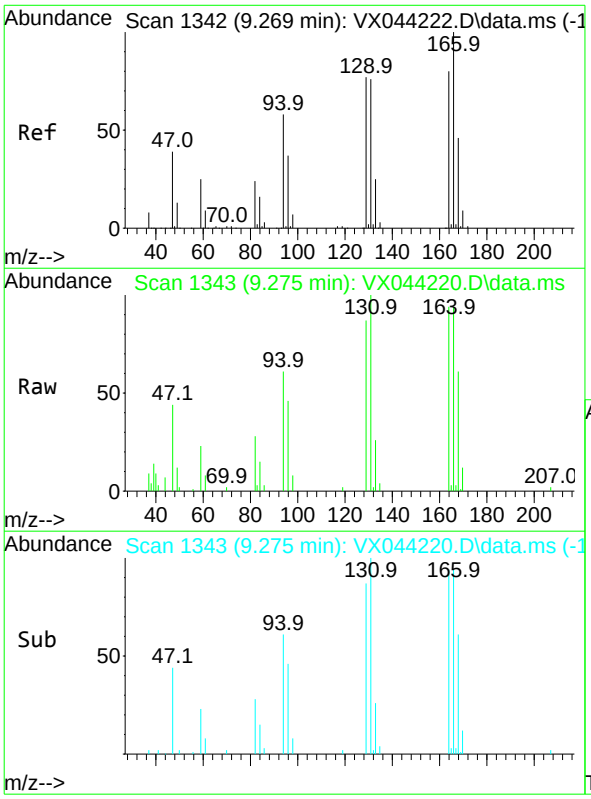
Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.8	68.8
119	31.9	25.0	37.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

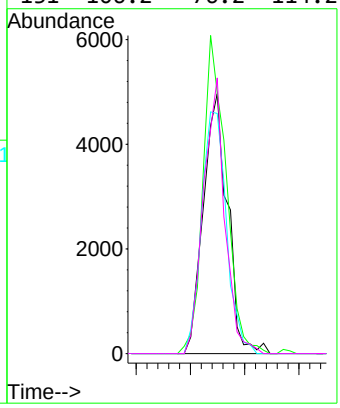
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

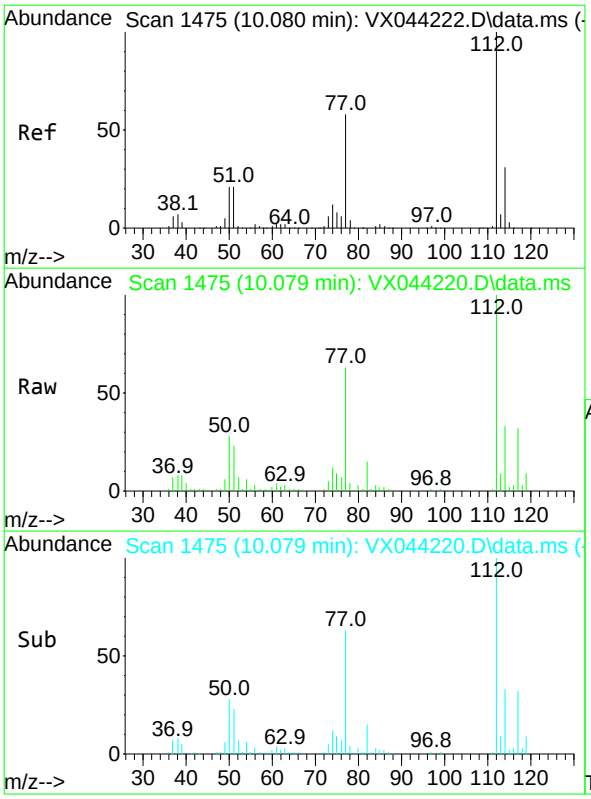


#64
Tetrachloroethene
Concen: 5.334 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:164 Resp: 7710

Ion	Ratio	Lower	Upper
164	100		
166	100.3	100.4	150.6#
129	92.5	77.2	115.8
131	106.2	76.2	114.2

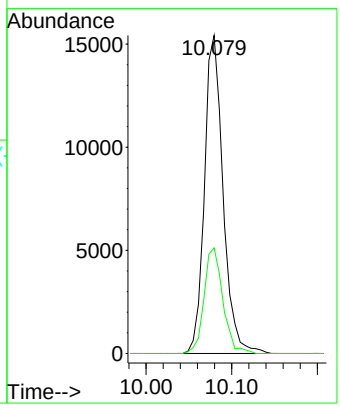




#65
Chlorobenzene
Concen: 4.986 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:112 Resp: 23268

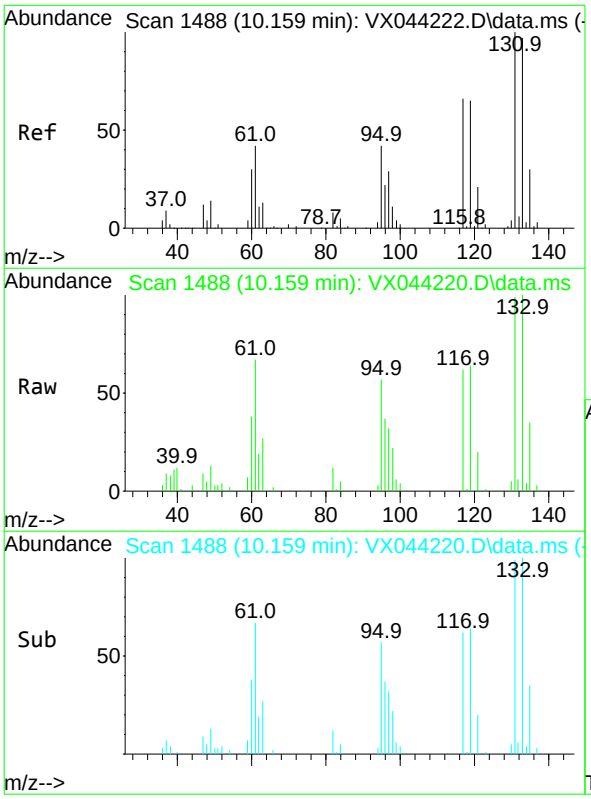
Ion	Ratio	Lower	Upper
112	100		
114	33.2	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

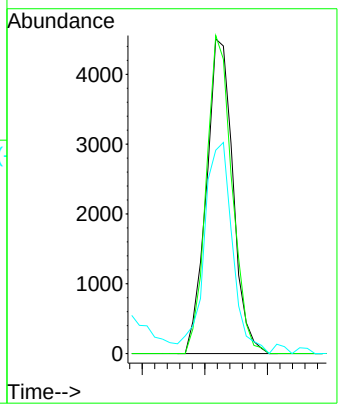
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

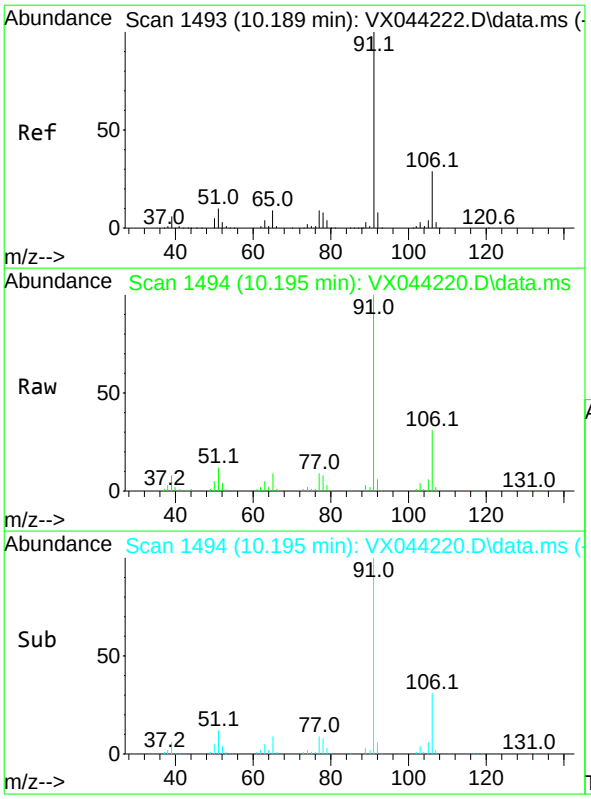


#66
1,1,1,2-Tetrachloroethane
Concen: 4.432 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:131 Resp: 6647

Ion	Ratio	Lower	Upper
131	100		
133	97.7	47.3	141.8
119	70.8	31.6	95.0

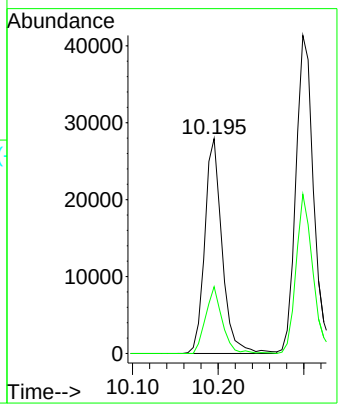




#67
Ethyl Benzene
Concen: 4.877 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 91 Resp: 39326

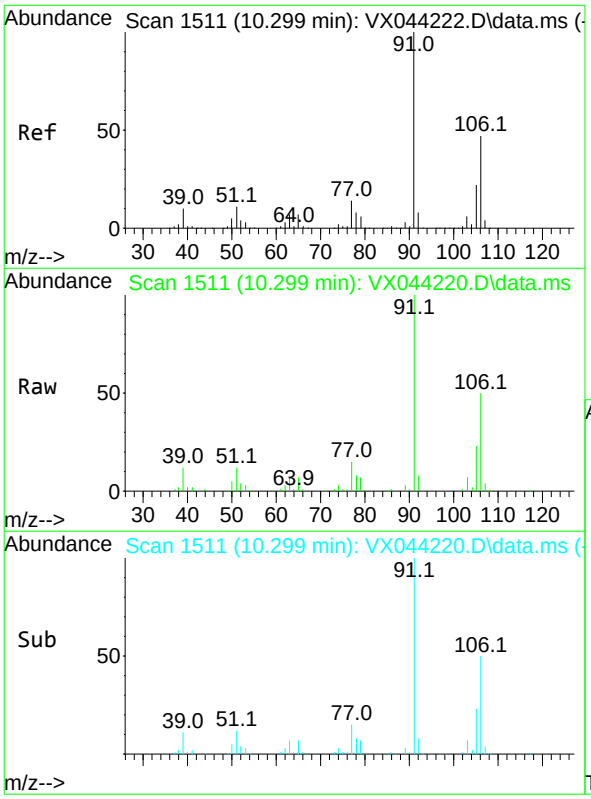
Ion	Ratio	Lower	Upper
91	100		
106	31.1	23.5	35.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

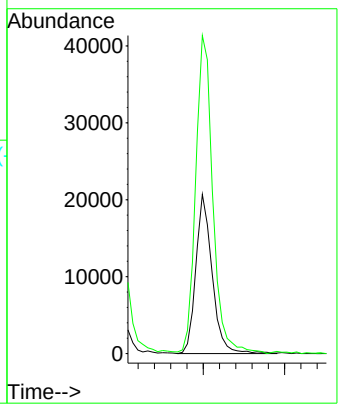
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

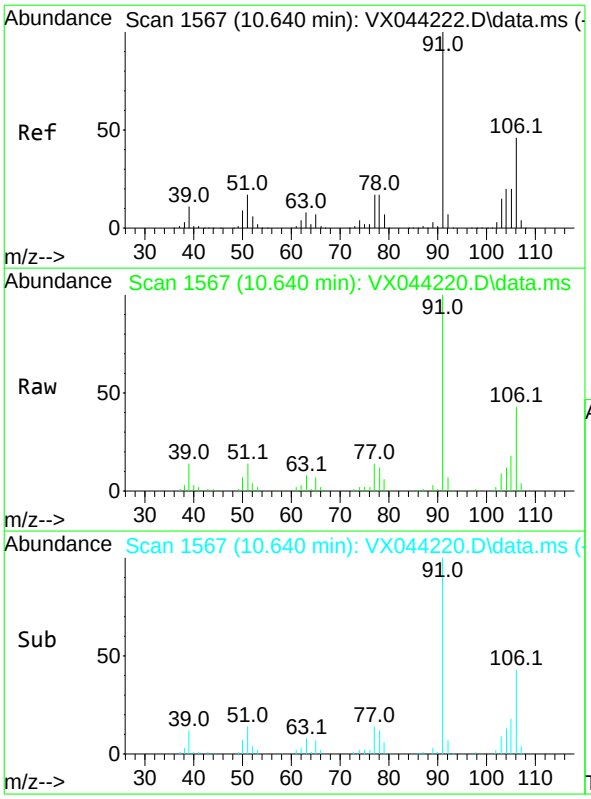


#68
m/p-Xylenes
Concen: 9.720 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:106 Resp: 28758

Ion	Ratio	Lower	Upper
106	100		
91	210.2	170.2	255.2

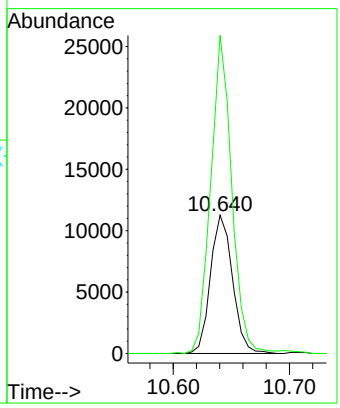




#69
o-Xylene
Concen: 4.965 ug/l
RT: 10.640 min Scan# 15
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:106 Resp: 14864

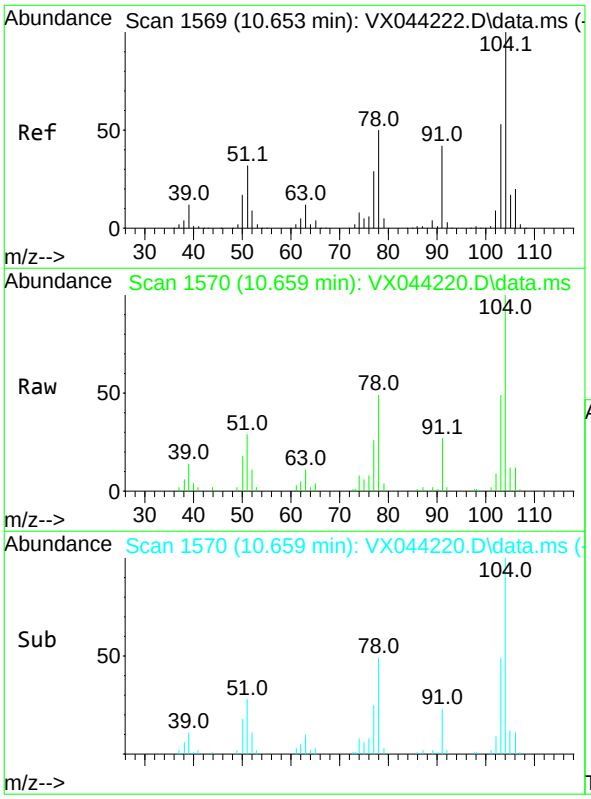
Ion	Ratio	Lower	Upper
106	100		
91	219.3	112.3	337.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

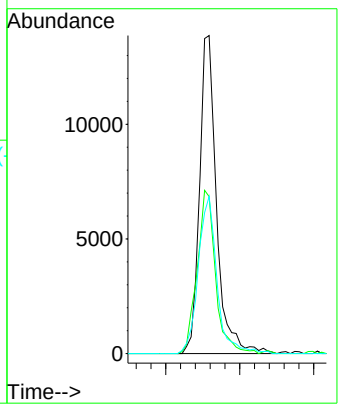
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

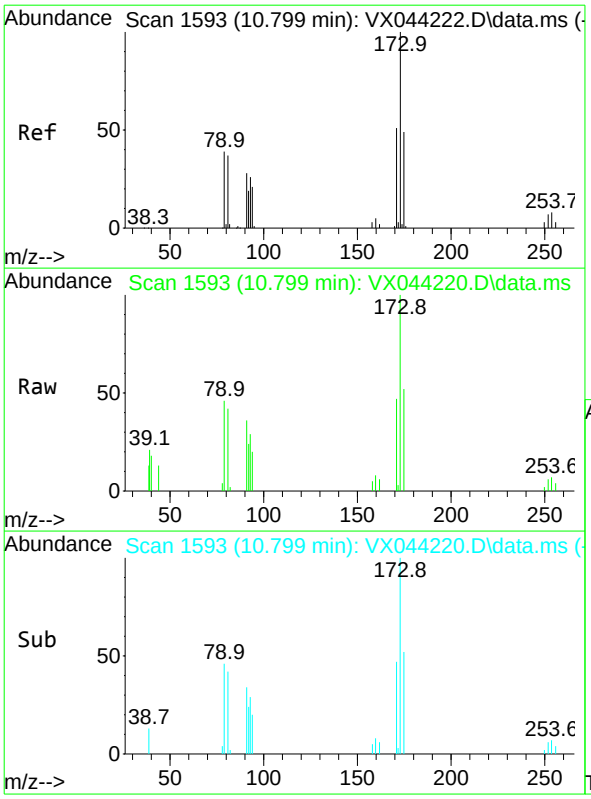


#70
Styrene
Concen: 4.624 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:104 Resp: 22191

Ion	Ratio	Lower	Upper
104	100		
78	55.5	44.6	67.0
103	54.6	45.4	68.0

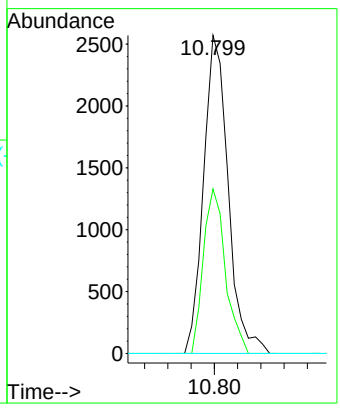




#71
Bromoform
Concen: 5.118 ug/l
RT: 10.799 min Scan# 15
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:173 Resp: 3775

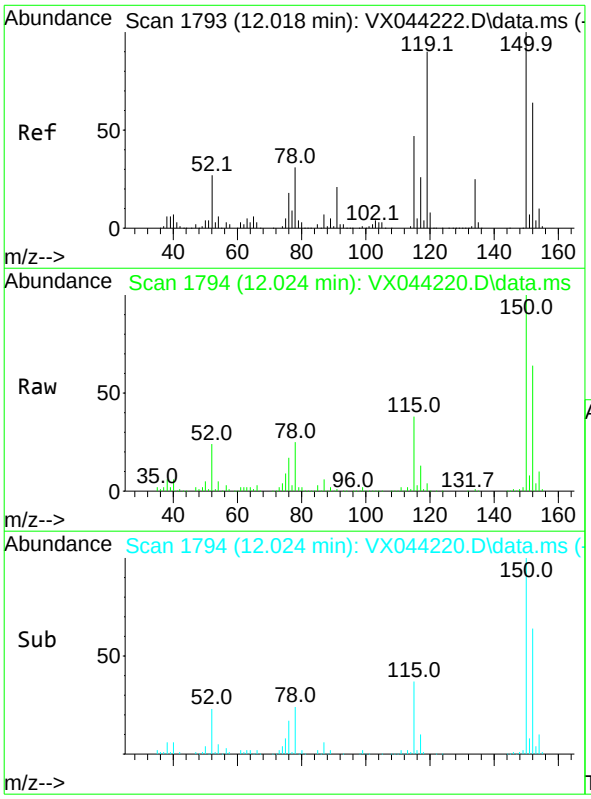
Ion	Ratio	Lower	Upper
173	100		
175	46.3	23.8	71.4
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

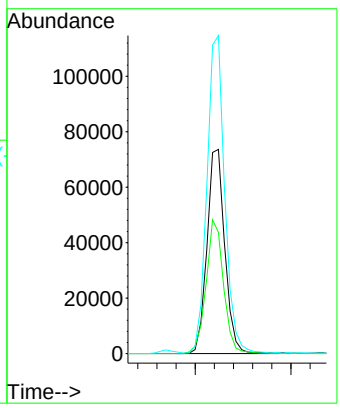
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

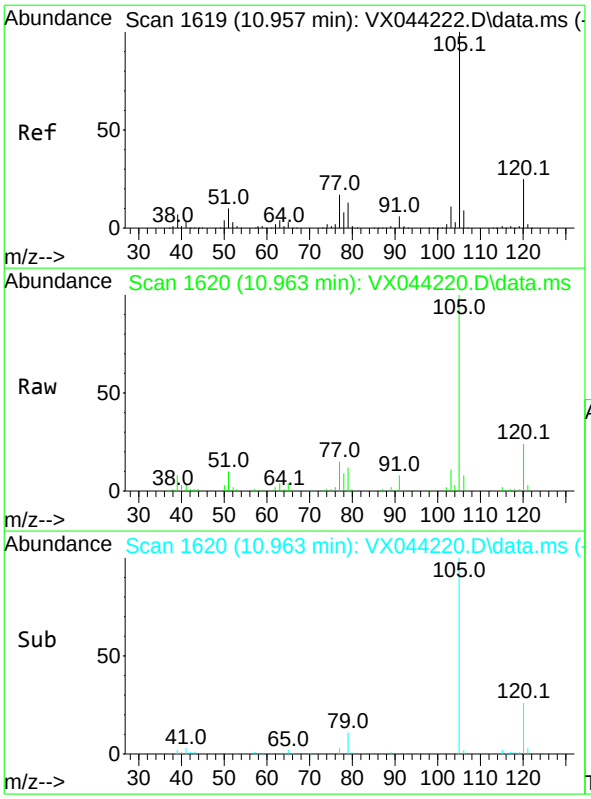


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:152 Resp: 95175

Ion	Ratio	Lower	Upper
152	100		
115	64.2	44.5	133.3
150	154.3	0.0	353.8

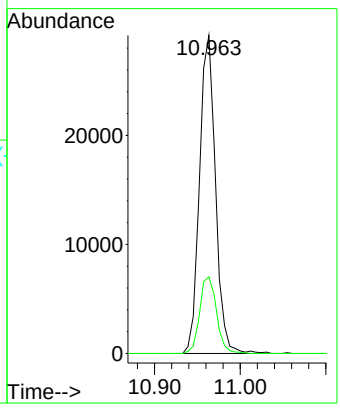




#73
Isopropylbenzene
Concen: 5.194 ug/l
RT: 10.963 min Scan# 16
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:105 Resp: 37843

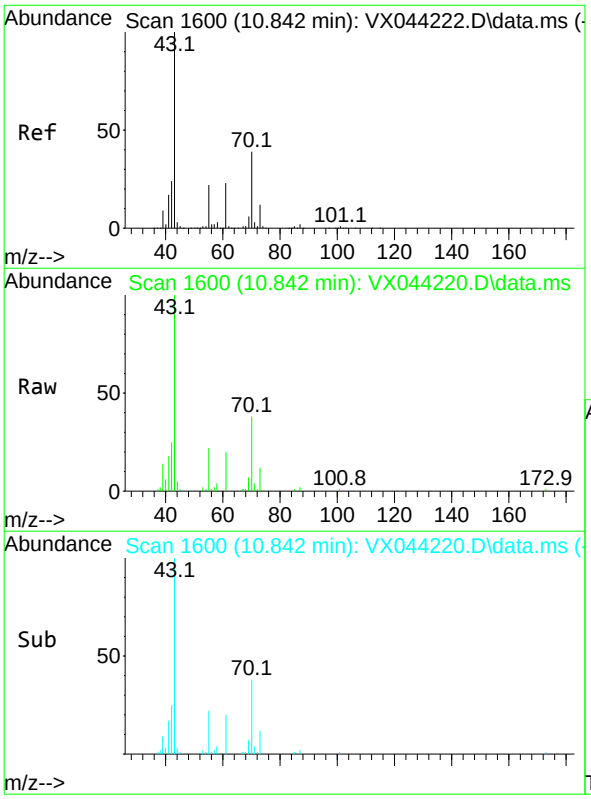
Ion	Ratio	Lower	Upper
105	100		
120	25.4	13.1	39.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

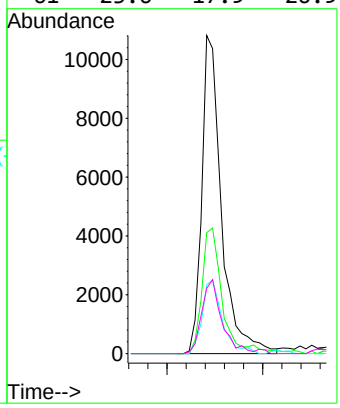
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

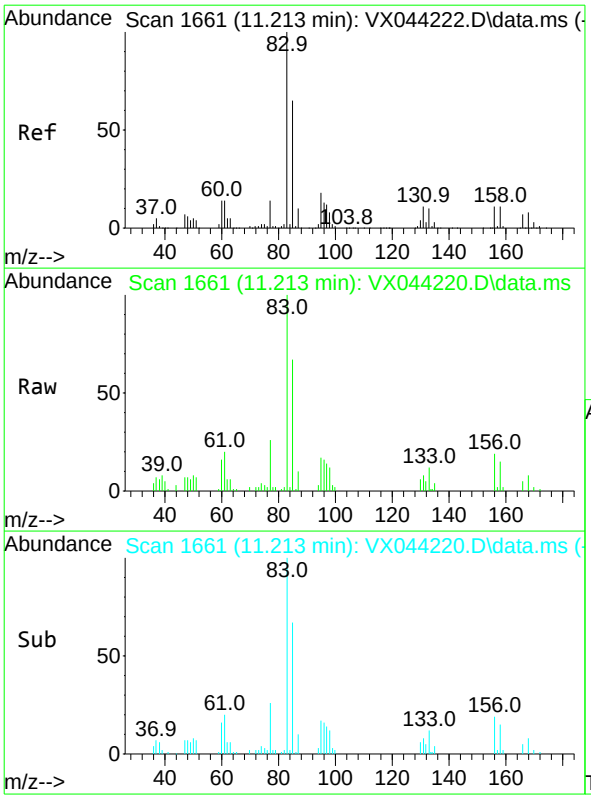


#74
N-amyl acetate
Concen: 4.579 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 43 Resp: 15418

Ion	Ratio	Lower	Upper
43	100		
70	41.2	31.9	47.9
55	23.7	17.9	26.9
61	23.6	17.9	26.9

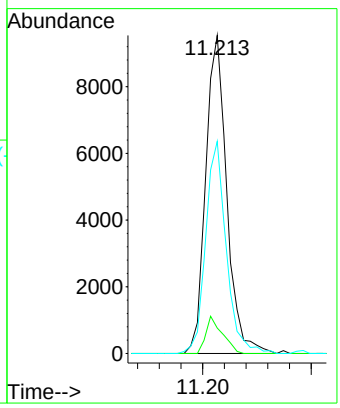




#75
1,1,2,2-Tetrachloroethane
Concen: 5.077 ug/l
RT: 11.213 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 83 Resp: 12848

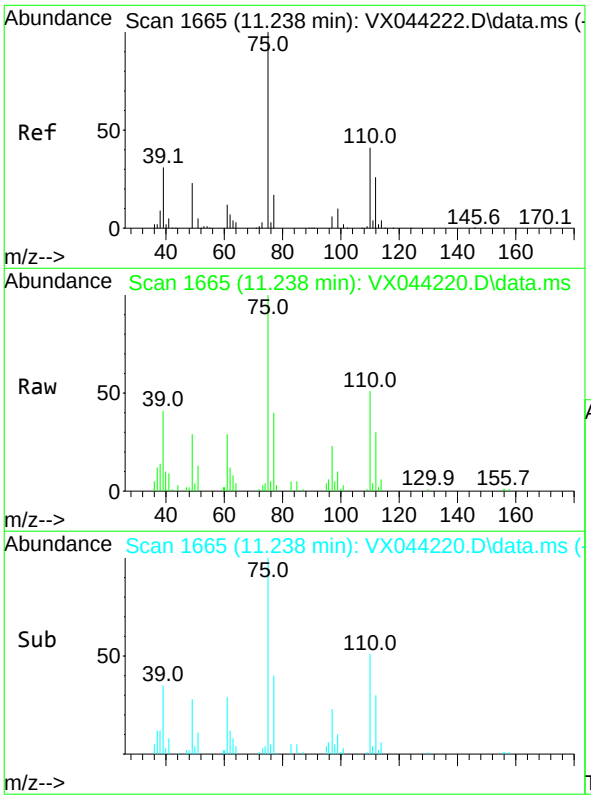
Ion	Ratio	Lower	Upper
83	100		
131	9.1	5.1	15.4
85	65.3	32.5	97.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

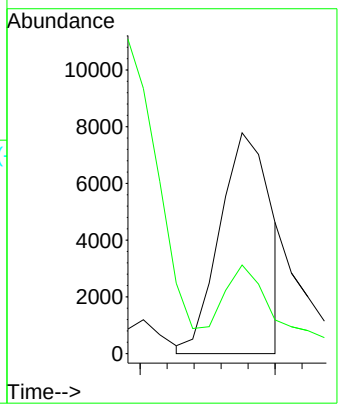
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

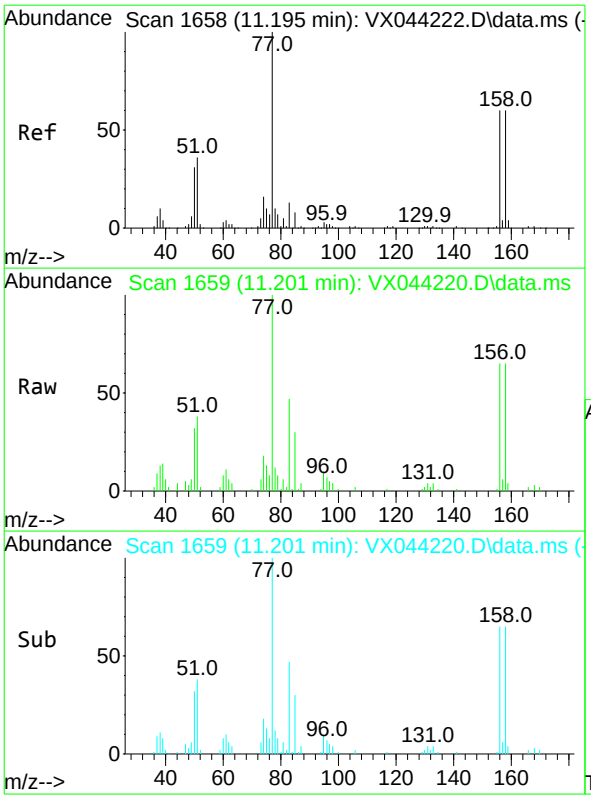


#76
1,2,3-Trichloropropane
Concen: 4.740 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 75 Resp: 10236

Ion	Ratio	Lower	Upper
75	100		
77	45.4	20.9	62.7

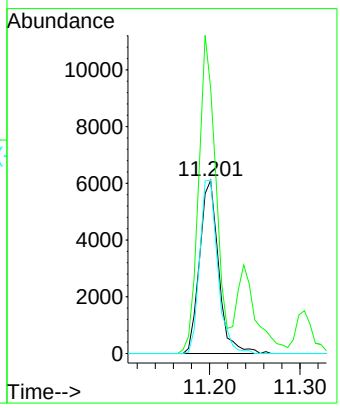




#77
Bromobenzene
Concen: 5.033 ug/l
RT: 11.201 min Scan# 16
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:156 Resp: 8892

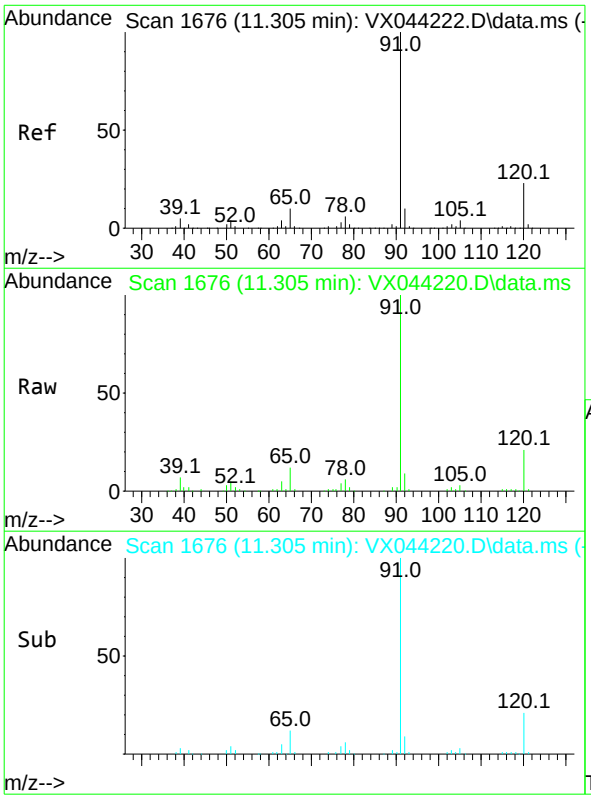
Ion	Ratio	Lower	Upper
156	100		
77	165.4	82.6	247.8
158	94.7	48.8	146.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

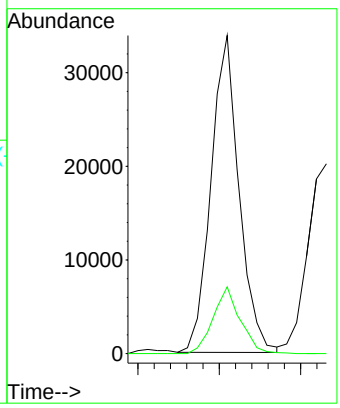
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

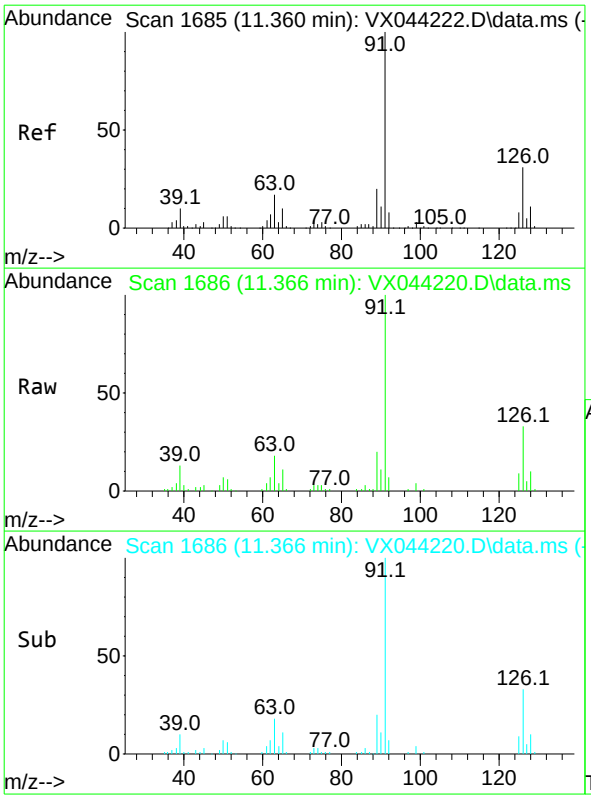


#78
n-propylbenzene
Concen: 5.038 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 91 Resp: 40574

Ion	Ratio	Lower	Upper
91	100		
120	20.3	11.0	33.0

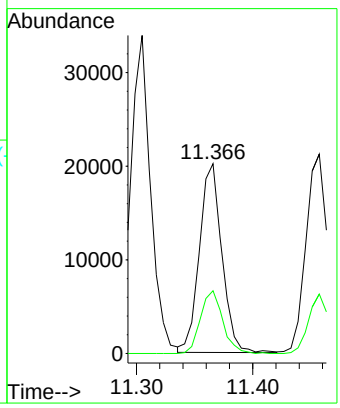




#79
2-Chlorotoluene
Concen: 5.203 ug/l
RT: 11.366 min Scan# 16
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 91 Resp: 27096

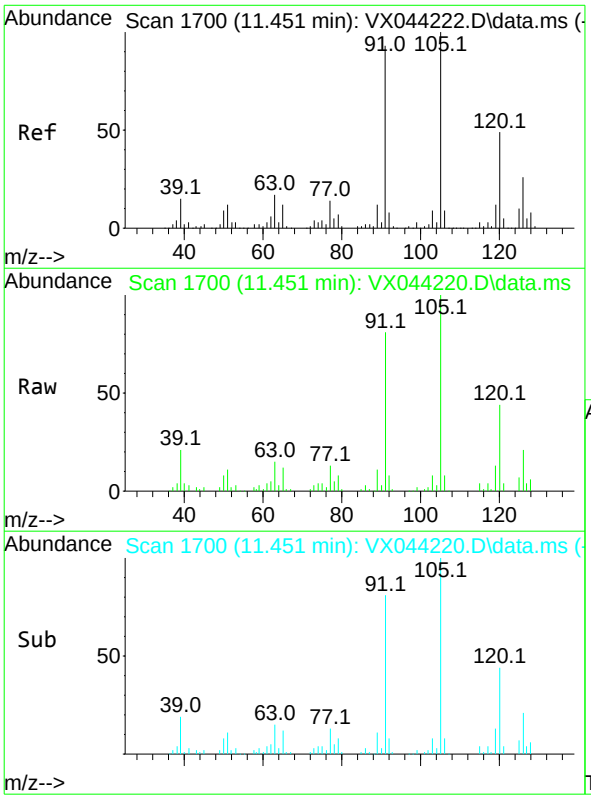
Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

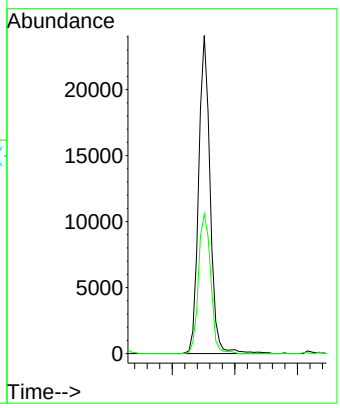
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

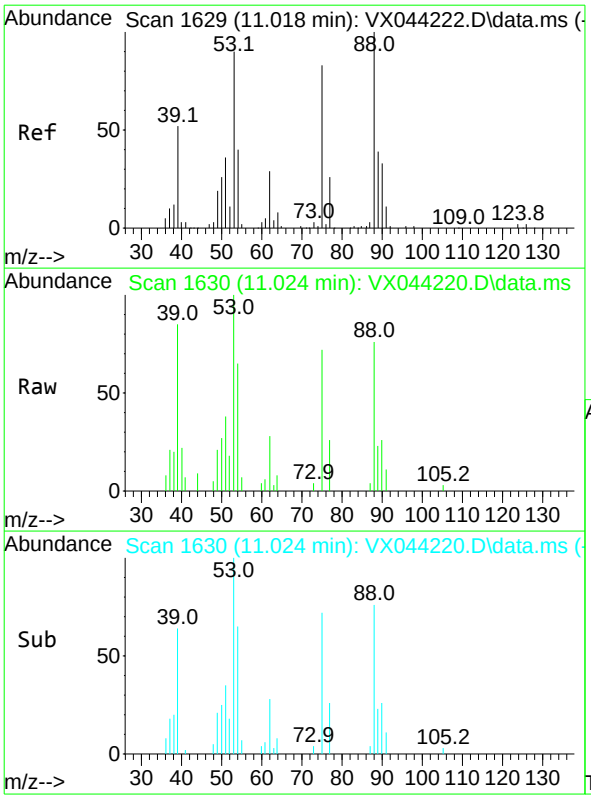


#80
1,3,5-Trimethylbenzene
Concen: 5.075 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:105 Resp: 30665

Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.8	71.4

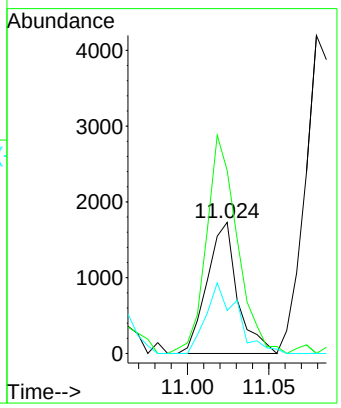




#81
trans-1,4-Dichloro-2-butene
Concen: 8.273 ug/l
RT: 11.024 min Scan# 16
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 75 Resp: 2249

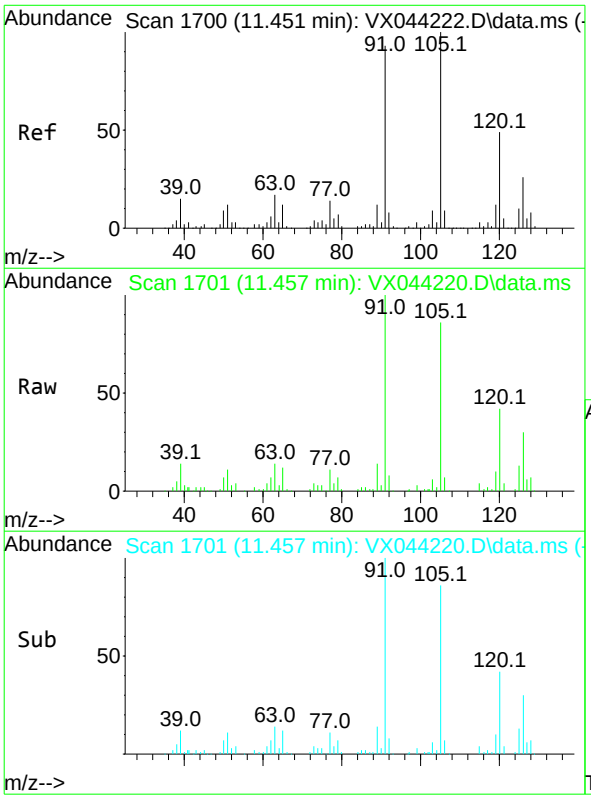
Ion	Ratio	Lower	Upper
75	100		
53	168.9	93.6	140.4#
89	55.5	37.3	55.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

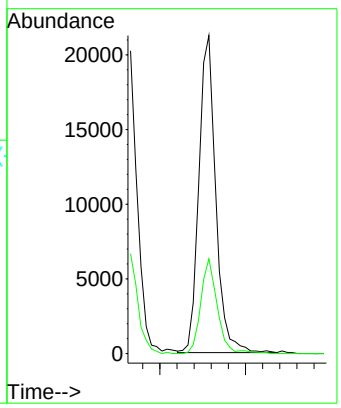
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

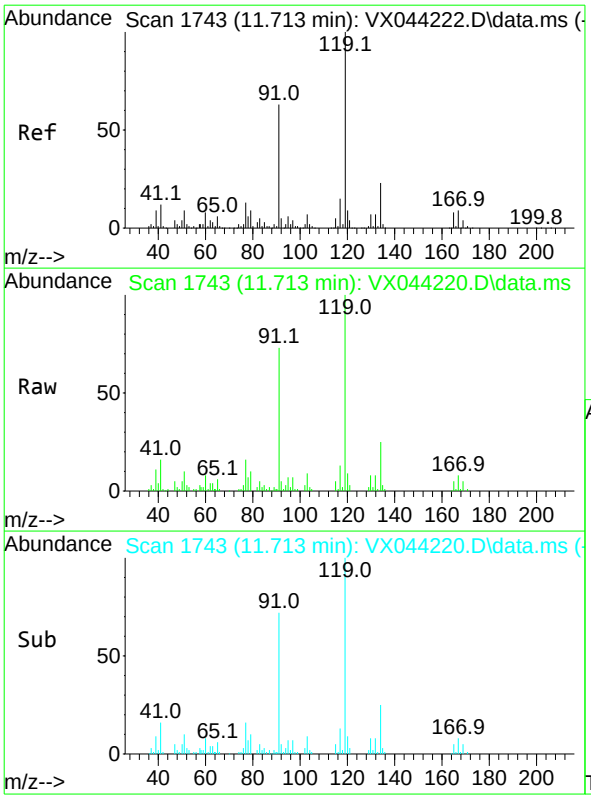


#82
4-Chlorotoluene
Concen: 5.035 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 91 Resp: 29039

Ion	Ratio	Lower	Upper
91	100		
126	29.3	14.5	43.5

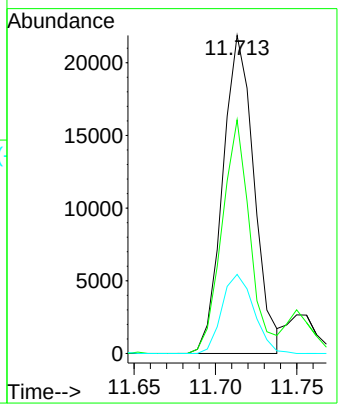




#83
tert-Butylbenzene
Concen: 4.904 ug/l
RT: 11.713 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:119 Resp: 29283

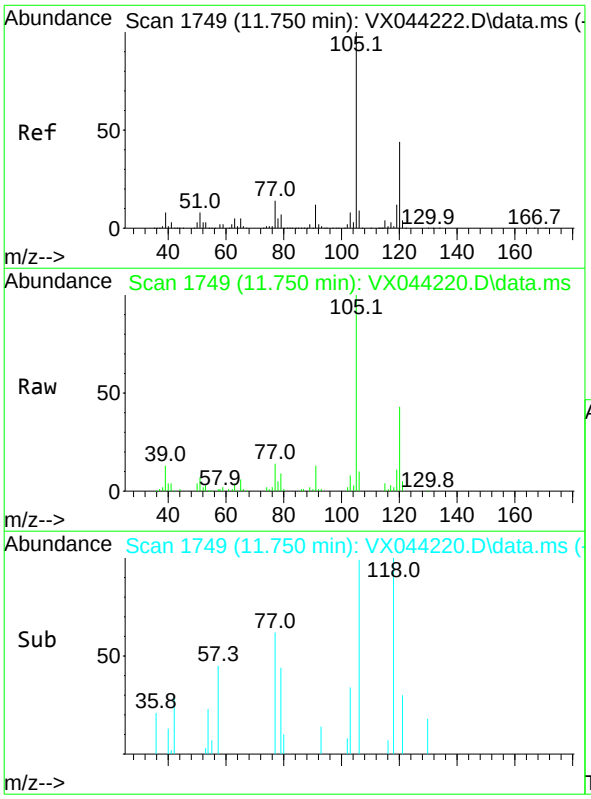
Ion	Ratio	Lower	Upper
119	100		
91	65.9	30.9	92.5
134	25.3	11.5	34.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

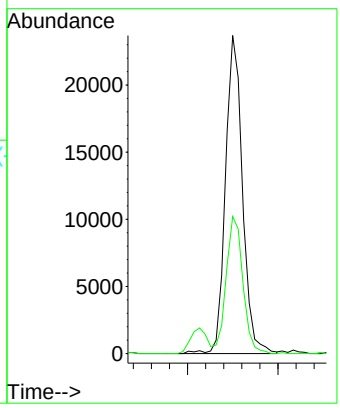
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

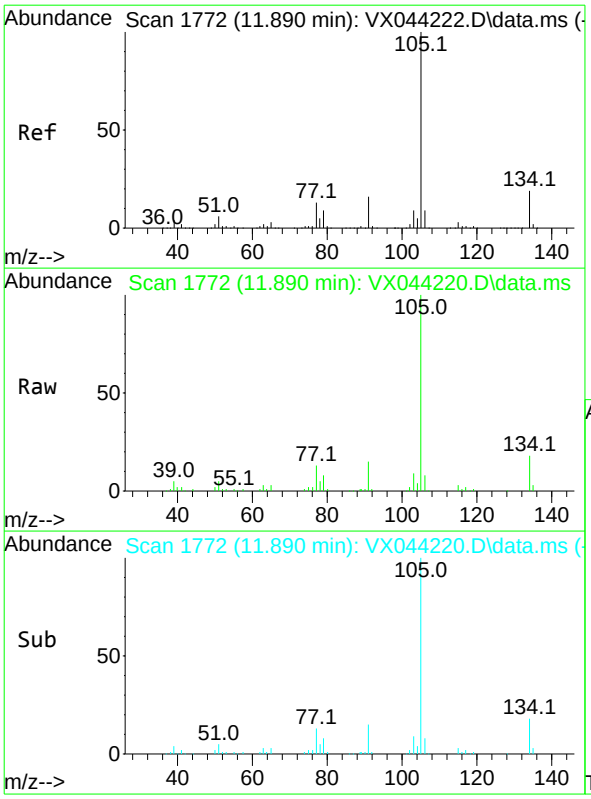


#84
1,2,4-Trimethylbenzene
Concen: 5.219 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:105 Resp: 30970

Ion	Ratio	Lower	Upper
105	100		
120	42.6	21.7	65.1

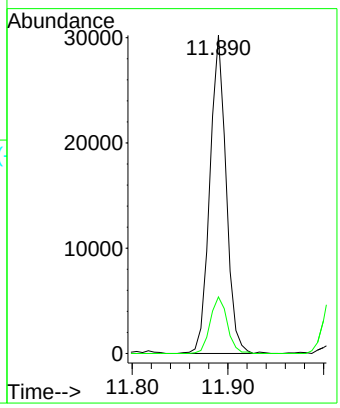




#85
sec-Butylbenzene
Concen: 4.921 ug/l
RT: 11.890 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:105 Resp: 35670

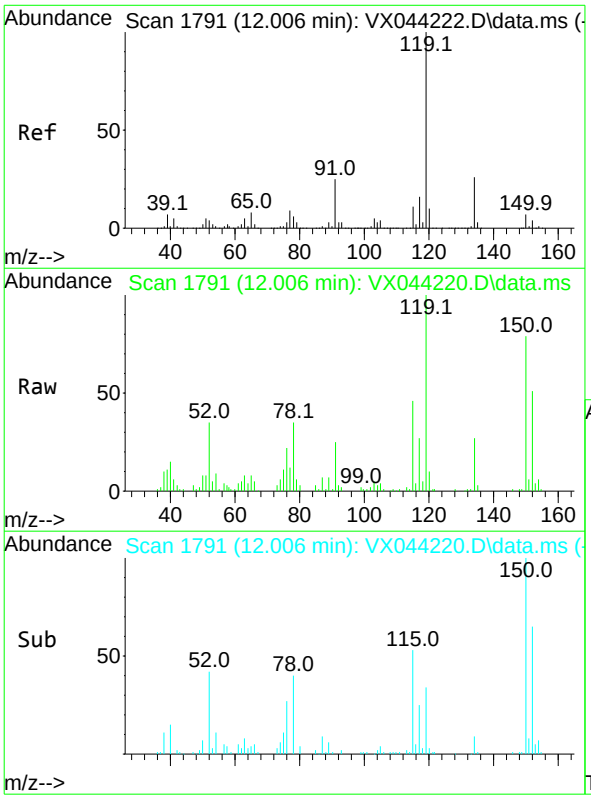
Ion	Ratio	Lower	Upper
105	100		
134	18.6	9.8	29.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

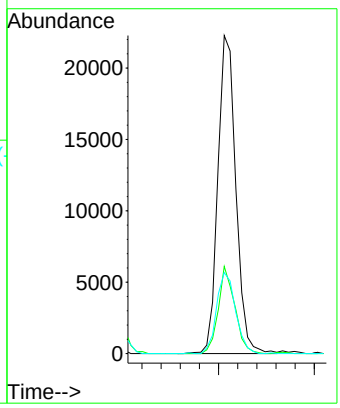
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

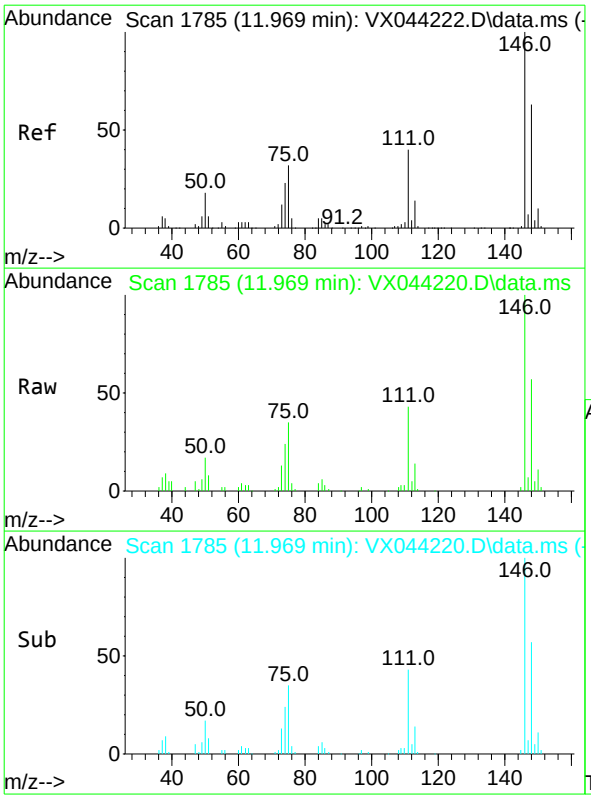


#86
p-Isopropyltoluene
Concen: 4.828 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:119 Resp: 29132

Ion	Ratio	Lower	Upper
119	100		
134	25.1	12.8	38.4
91	26.9	13.0	39.0

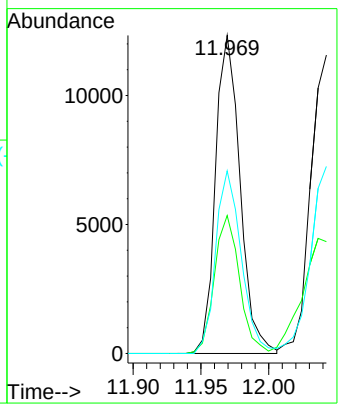




#87
1,3-Dichlorobenzene
Concen: 5.039 ug/l
RT: 11.969 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:146 Resp: 15553

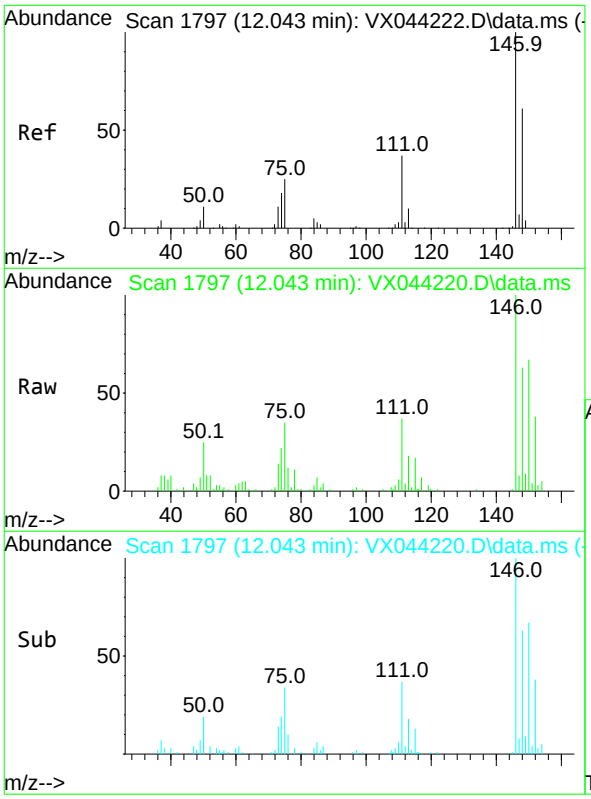
Ion	Ratio	Lower	Upper
146	100		
111	44.5	21.4	64.2
148	60.1	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

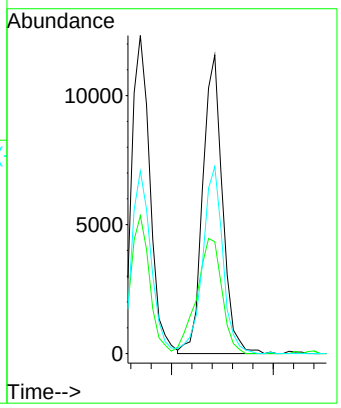
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

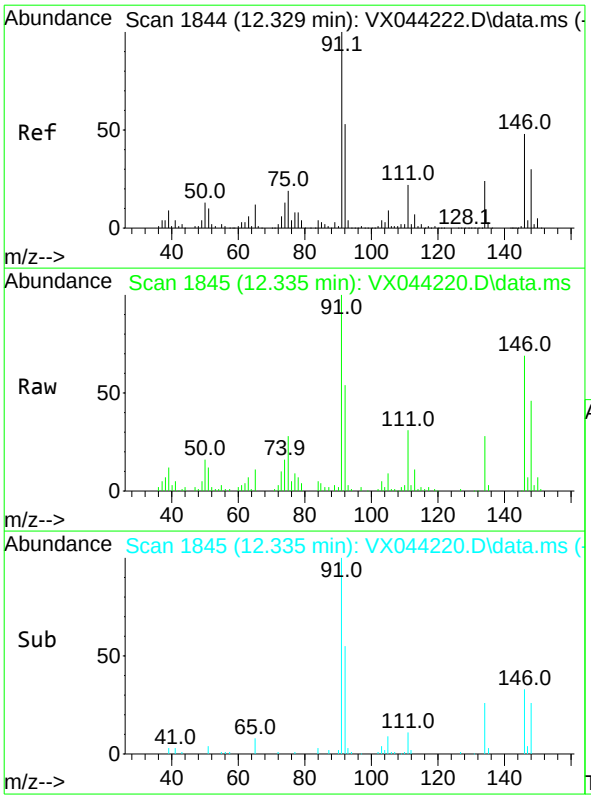


#88
1,4-Dichlorobenzene
Concen: 4.920 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:146 Resp: 15609

Ion	Ratio	Lower	Upper
146	100		
111	49.5	21.0	63.0
148	64.1	32.3	96.8

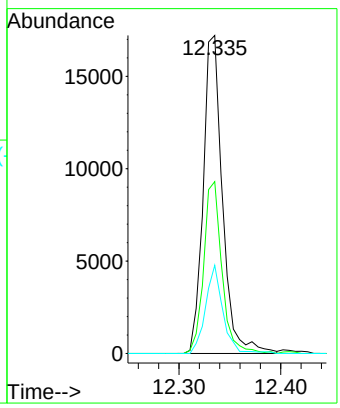




#89
n-Butylbenzene
Concen: 4.478 ug/l
RT: 12.335 min Scan# 18
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 91 Resp: 22719

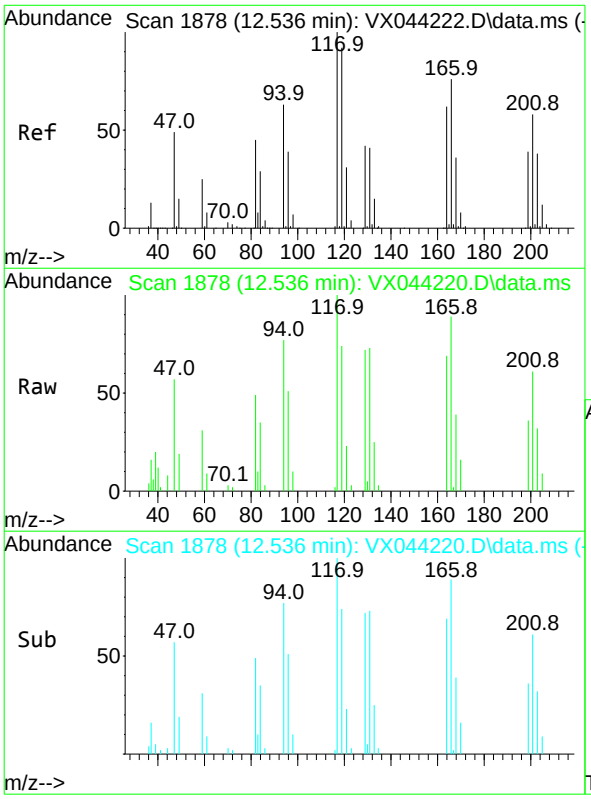
Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.6	79.7
134	24.9	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

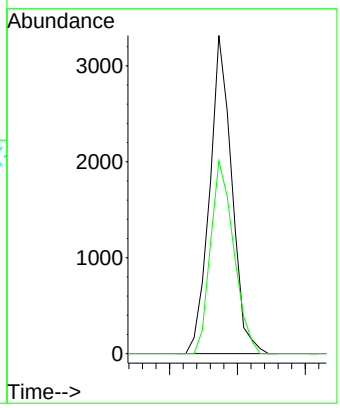
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

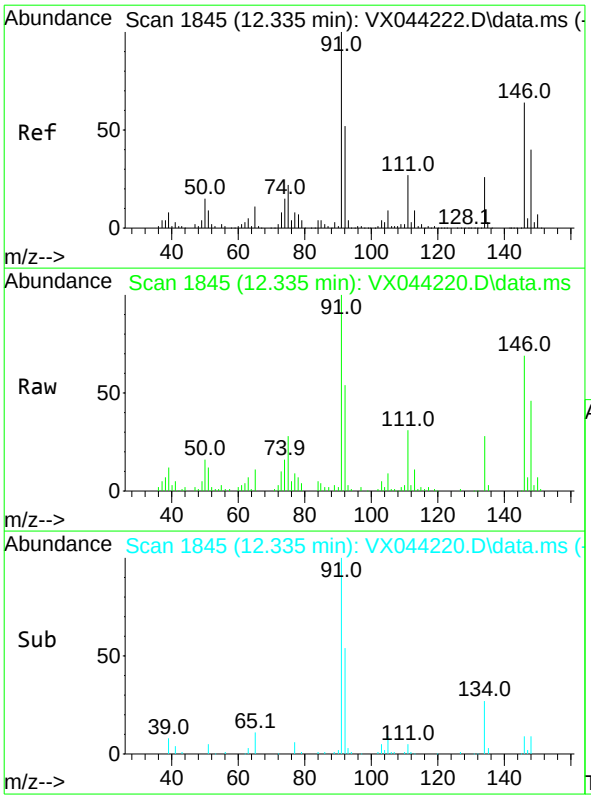


#90
Hexachloroethane
Concen: 4.275 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:117 Resp: 3765

Ion	Ratio	Lower	Upper
117	100		
201	63.5	31.4	94.2

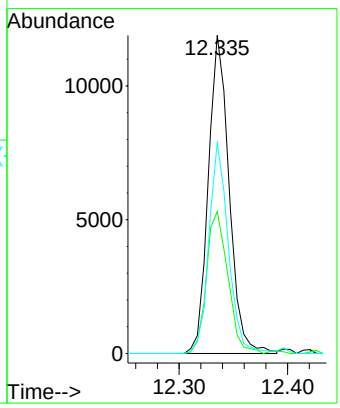




#91
1,2-Dichlorobenzene
Concen: 4.949 ug/l
RT: 12.335 min Scan# 18
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:146 Resp: 15858

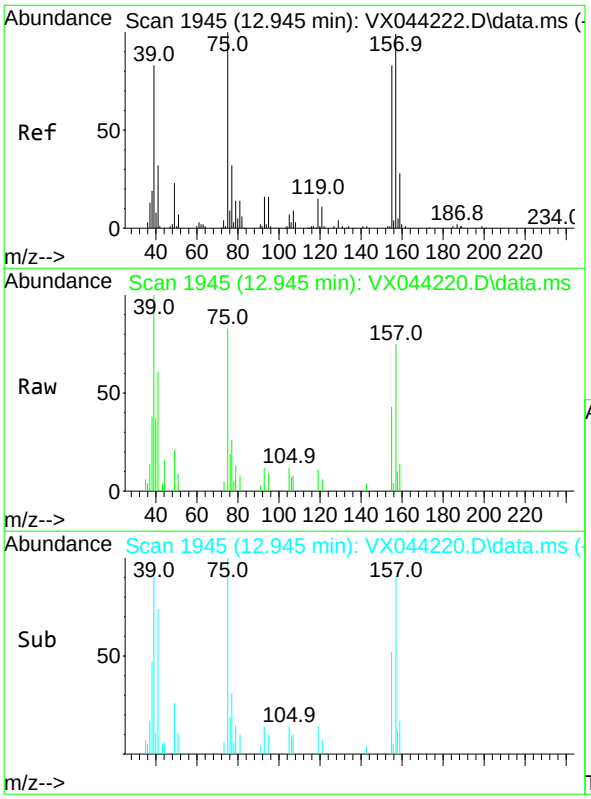
Ion	Ratio	Lower	Upper
146	100		
111	45.8	21.4	64.3
148	62.1	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

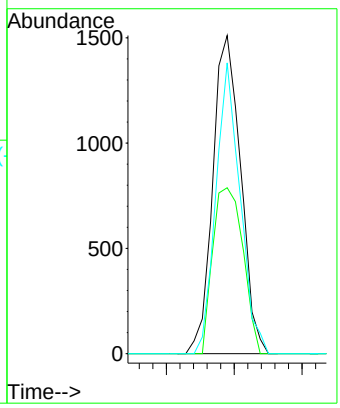
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

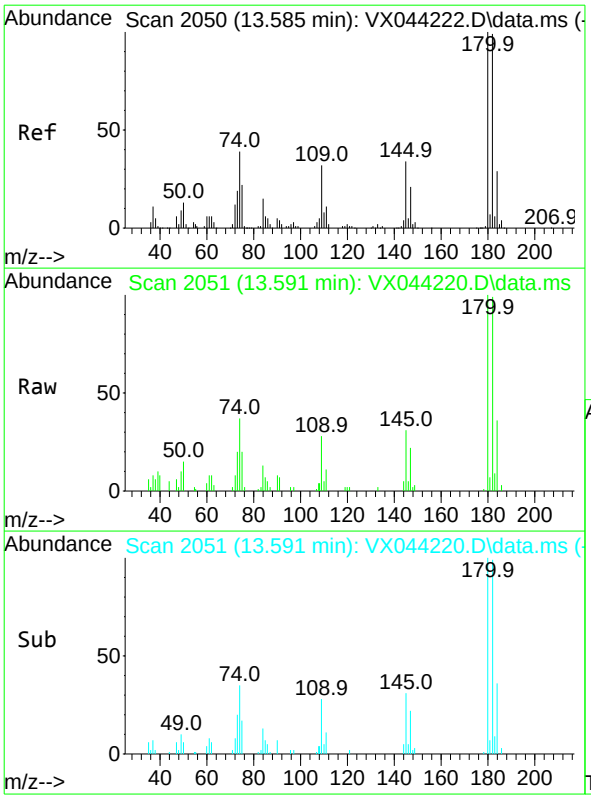


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.385 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 75 Resp: 2154

Ion	Ratio	Lower	Upper
75	100		
155	56.5	38.1	114.3
157	79.4	47.2	141.6

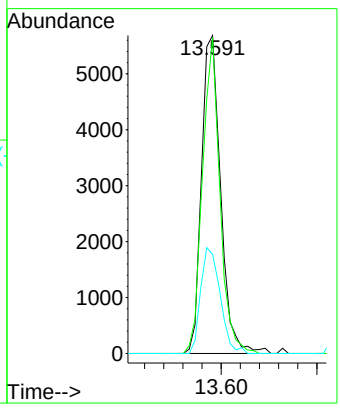




#93
1,2,4-Trichlorobenzene
Concen: 4.478 ug/l
RT: 13.591 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:180 Resp: 7867

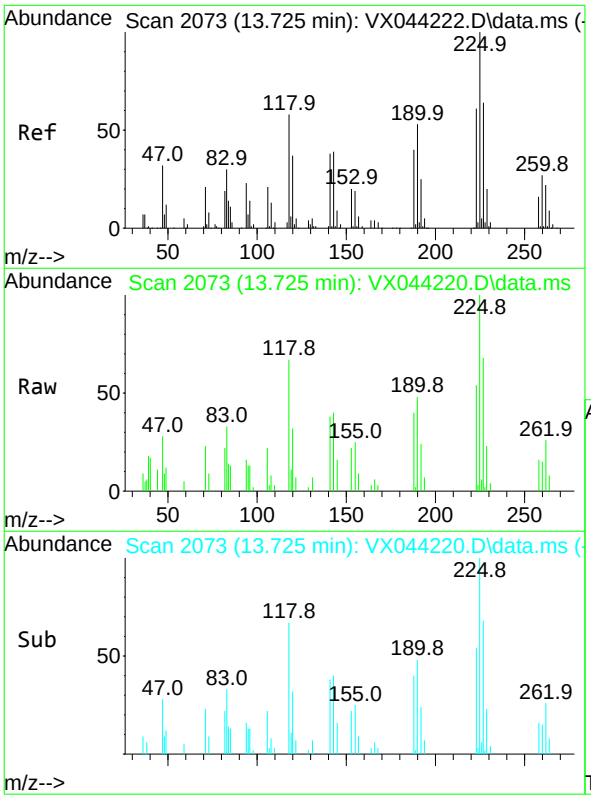
Ion	Ratio	Lower	Upper
180	100		
182	90.8	48.0	144.2
145	33.9	16.6	49.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

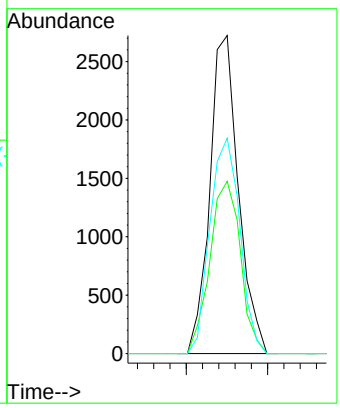
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

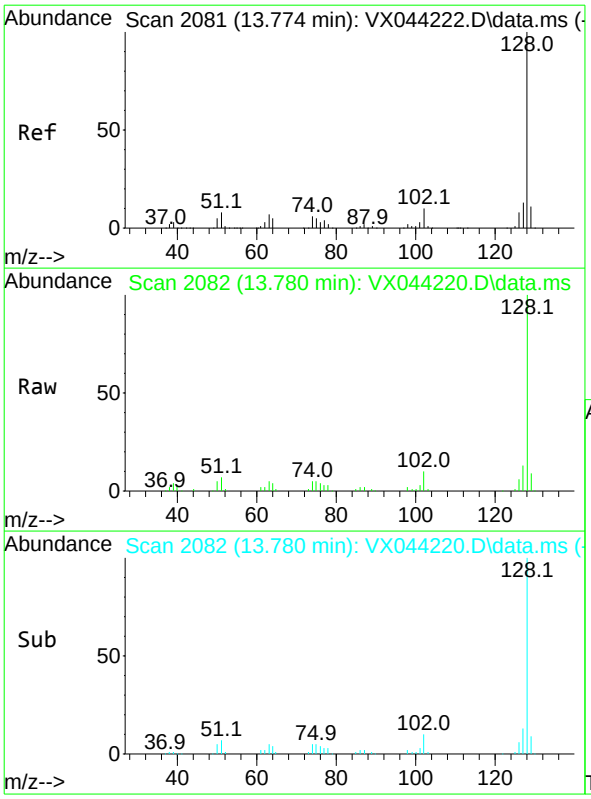


#94
Hexachlorobutadiene
Concen: 4.700 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:225 Resp: 3321

Ion	Ratio	Lower	Upper
225	100		
223	57.9	30.8	92.4
227	71.2	32.1	96.3

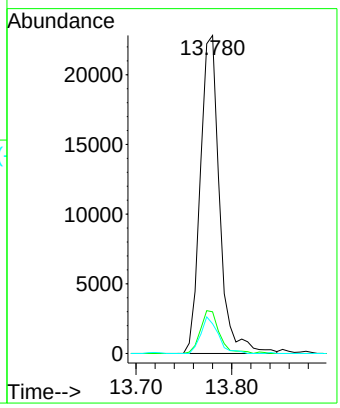




#95
Naphthalene
Concen: 4.643 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:128 Resp: 31842

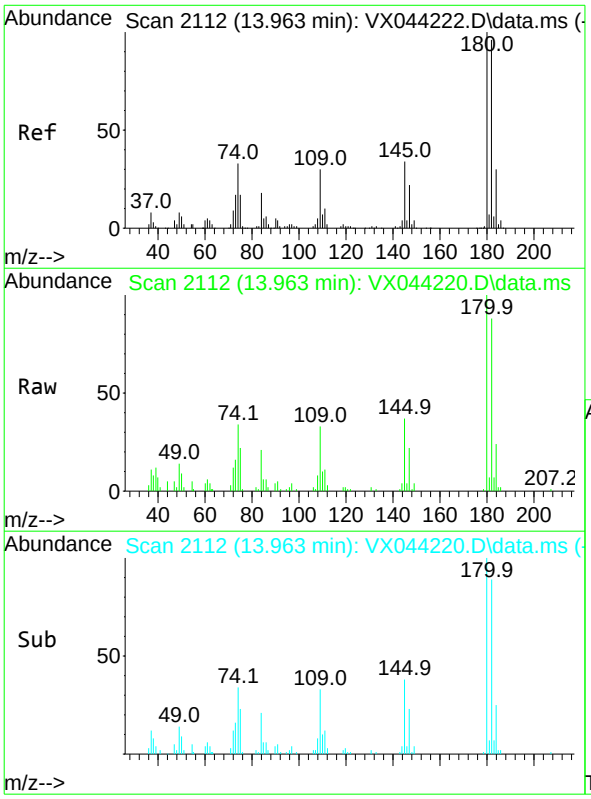
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.3	9.0	13.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

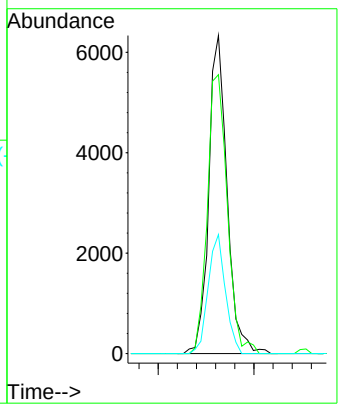
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#96
1,2,3-Trichlorobenzene
Concen: 4.520 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:180 Resp: 8422

Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.0	144.0
145	35.2	17.7	53.1



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044221.D
Acq On : 11 Dec 2024 11:50
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 12 04:14:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	134436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	254199	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	41821	17.743	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	35.480%#		
35) Dibromofluoromethane	5.391	113	30304	17.213	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	34.420%#		
50) Toluene-d8	8.647	98	102660	17.284	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	34.560%#		
62) 4-Bromofluorobenzene	11.079	95	35645	17.175	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	34.340%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	38748	18.640	ug/l	90
3) Chloromethane	1.294	50	39546	19.894	ug/l	100
4) Vinyl Chloride	1.374	62	42048	20.304	ug/l	97
5) Bromomethane	1.593	94	27604	18.789	ug/l	94
6) Chloroethane	1.666	64	27673	21.460	ug/l	94
7) Trichlorofluoromethane	1.867	101	81398	20.077	ug/l	99
8) Diethyl Ether	2.136	74	25884	18.704	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	31846	19.412	ug/l	99
10) Methyl Iodide	2.441	142	42786	19.788	ug/l	99
11) Tert butyl alcohol	3.001	59	29819m	89.904	ug/l	
12) 1,1-Dichloroethene	2.306	96	29241	19.405	ug/l	92
13) Acrolein	2.239	56	43909	91.311	ug/l	97
14) Allyl chloride	2.654	41	47218	18.813	ug/l	98
15) Acrylonitrile	3.068	53	89249	96.988	ug/l	99
16) Acetone	2.392	43	88985	92.601	ug/l	95
17) Carbon Disulfide	2.502	76	50399	17.595	ug/l	98
18) Methyl Acetate	2.709	43	47509	19.175	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	114371	19.450	ug/l	100
20) Methylene Chloride	2.782	84	35820	19.846	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	31036	19.380	ug/l	97
22) Diisopropyl ether	3.764	45	112511	19.907	ug/l	94
23) Vinyl Acetate	3.721	43	465716	101.354	ug/l	100
24) 1,1-Dichloroethane	3.605	63	62059	19.699	ug/l	98
25) 2-Butanone	4.568	43	136992	100.277	ug/l	99
26) 2,2-Dichloropropane	4.471	77	51431	20.095	ug/l #	74
27) cis-1,2-Dichloroethene	4.477	96	39161	19.254	ug/l	99
28) Bromochloromethane	4.891	49	30977	20.052	ug/l	95
29) Tetrahydrofuran	5.013	42	86235	98.343	ug/l	99
30) Chloroform	5.093	83	68410	19.327	ug/l	97
31) Cyclohexane	5.458	56	51773	20.351	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	57900	19.706	ug/l	99
36) 1,1-Dichloropropene	5.690	75	42878	18.841	ug/l	99
37) Ethyl Acetate	4.727	43	56019	19.913	ug/l	99
38) Carbon Tetrachloride	5.672	117	43901	17.918	ug/l	92
39) Methylcyclohexane	7.379	83	53536	19.678	ug/l	97
40) Benzene	6.031	78	135467	19.606	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044221.D
Acq On : 11 Dec 2024 11:50
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 12 04:14:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	28523	19.095	ug/l		94
42) 1,2-Dichloroethane	6.086	62	55377	19.456	ug/l		98
43) Isopropyl Acetate	6.342	43	84866	19.301	ug/l		100
44) Trichloroethene	7.123	130	32995	19.149	ug/l		96
45) 1,2-Dichloropropane	7.427	63	33585	19.025	ug/l		97
46) Dibromomethane	7.580	93	26293	19.199	ug/l		99
47) Bromodichloromethane	7.818	83	44312	18.735	ug/l		99
48) Methyl methacrylate	7.696	41	40620	19.032	ug/l		98
49) 1,4-Dioxane	7.671	88	14281m	391.518	ug/l		
51) 4-Methyl-2-Pentanone	8.574	43	278267	98.429	ug/l		100
52) Toluene	8.714	92	82934	19.113	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	44614	18.785	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	49596	19.258	ug/l		91
55) 1,1,2-Trichloroethane	9.147	97	34013	19.732	ug/l		98
56) Ethyl methacrylate	9.116	69	52571	19.318	ug/l		99
57) 1,3-Dichloropropane	9.305	76	59489	19.827	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.238	63	129900	94.642	ug/l		100
59) 2-Hexanone	9.433	43	207578	101.440	ug/l		99
60) Dibromochloromethane	9.519	129	31066	18.318	ug/l		97
61) 1,2-Dibromoethane	9.610	107	34978	19.935	ug/l		98
64) Tetrachloroethene	9.275	164	27702	19.133	ug/l		97
65) Chlorobenzene	10.079	112	90631	19.389	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.165	131	29132	19.392	ug/l		99
67) Ethyl Benzene	10.195	91	158455	19.619	ug/l		98
68) m/p-Xylenes	10.299	106	116126	39.183	ug/l		98
69) o-Xylene	10.640	106	59787	19.938	ug/l		99
70) Styrene	10.653	104	95883	19.946	ug/l		98
71) Bromoform	10.799	173	16924	18.112	ug/l	#	96
73) Isopropylbenzene	10.963	105	153935	20.481	ug/l		98
74) N-amyl acetate	10.842	43	69643	20.049	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.213	83	52312	20.039	ug/l		97
76) 1,2,3-Trichloropropane	11.238	75	43726m	19.627	ug/l		
77) Bromobenzene	11.195	156	34951	19.176	ug/l		98
78) n-propylbenzene	11.305	91	169622	20.419	ug/l		100
79) 2-Chlorotoluene	11.366	91	106310	19.788	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	126626	20.315	ug/l		97
81) trans-1,4-Dichloro-2-b...	11.018	75	11784	19.264	ug/l		90
82) 4-Chlorotoluene	11.451	91	118309	19.886	ug/l		100
83) tert-Butylbenzene	11.713	119	121929	19.794	ug/l		95
84) 1,2,4-Trimethylbenzene	11.750	105	125939	20.574	ug/l		99
85) sec-Butylbenzene	11.890	105	150795	20.165	ug/l		99
86) p-Isopropyltoluene	12.006	119	127790	20.532	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	64399	20.228	ug/l		98
88) 1,4-Dichlorobenzene	12.043	146	64106	19.588	ug/l		99
89) n-Butylbenzene	12.329	91	104410	19.950	ug/l		99
90) Hexachloroethane	12.536	117	15939	17.543	ug/l		95
91) 1,2-Dichlorobenzene	12.335	146	65511	19.817	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9468	18.683	ug/l		97
93) 1,2,4-Trichlorobenzene	13.591	180	35001	19.313	ug/l		99
94) Hexachlorobutadiene	13.725	225	14415	19.774	ug/l		97
95) Naphthalene	13.774	128	142515	20.146	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	38639	20.101	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044221.D
Acq On : 11 Dec 2024 11:50
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

Quant Time: Dec 12 04:14:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

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

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

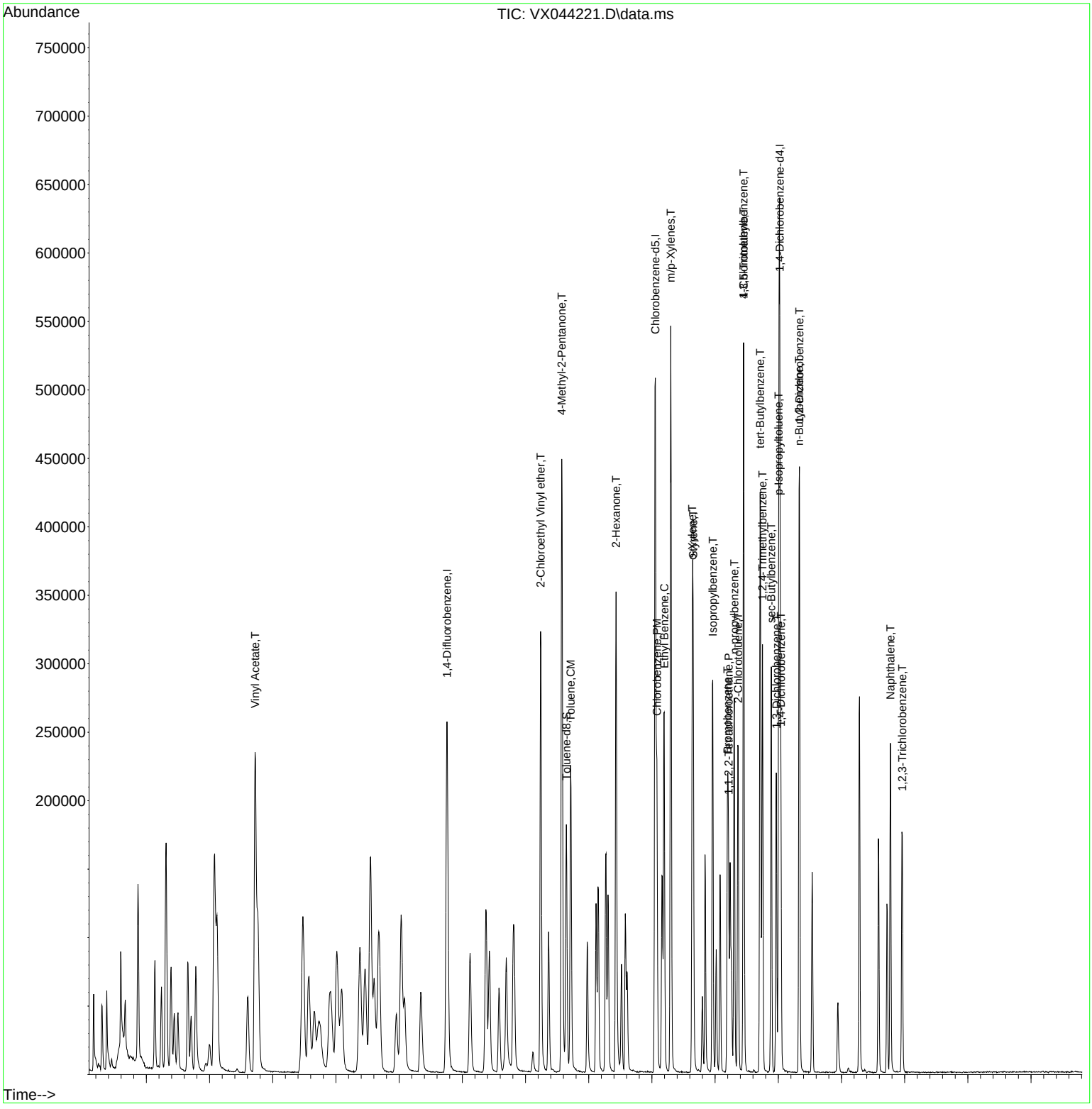
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Acq On : 11 Dec 2024 11:50
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

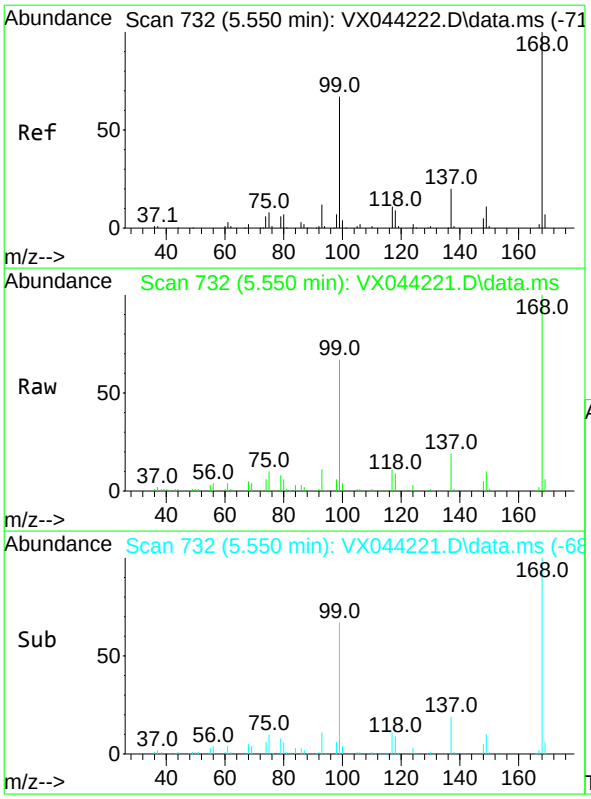
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Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

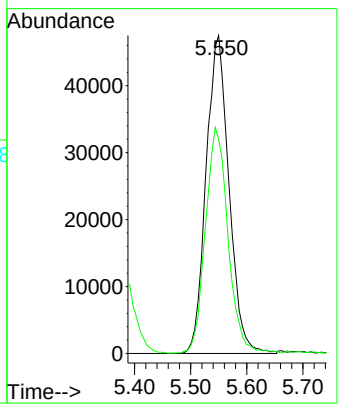




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 73
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:168 Resp: 134436

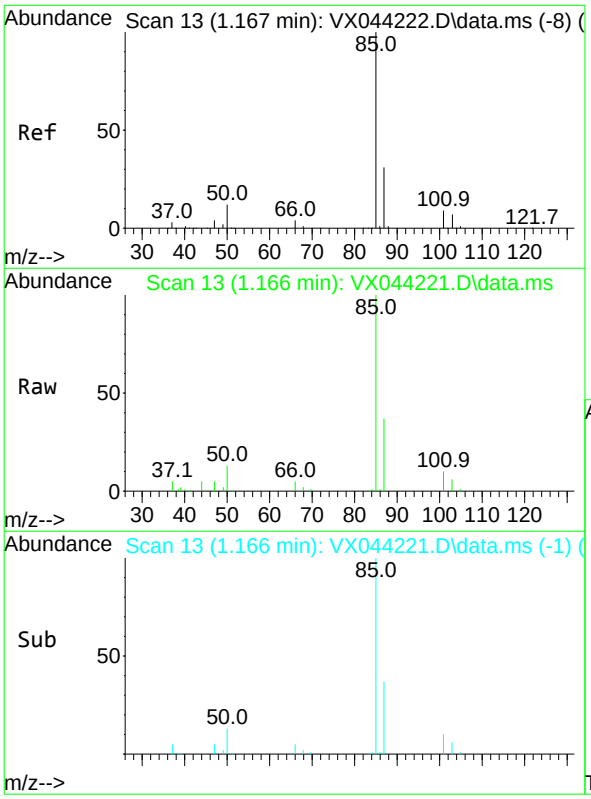
Ion	Ratio	Lower	Upper
168	100		
99	67.2	53.4	80.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

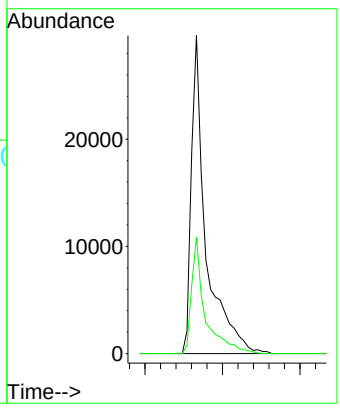
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

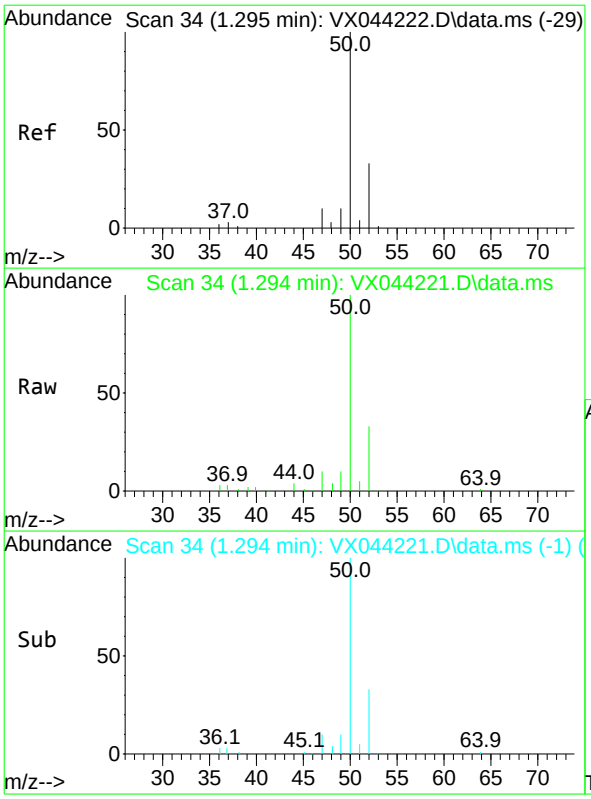


#2
Dichlorodifluoromethane
Concen: 18.640 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 85 Resp: 38748

Ion	Ratio	Lower	Upper
85	100		
87	36.6	15.4	46.4

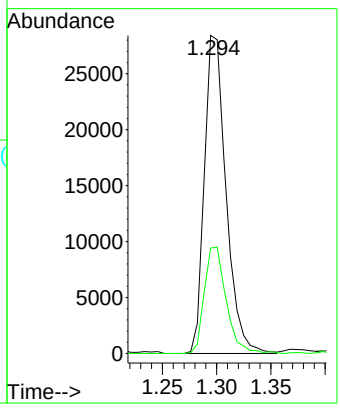




#3
Chloromethane
Concen: 19.894 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 50 Resp: 39546

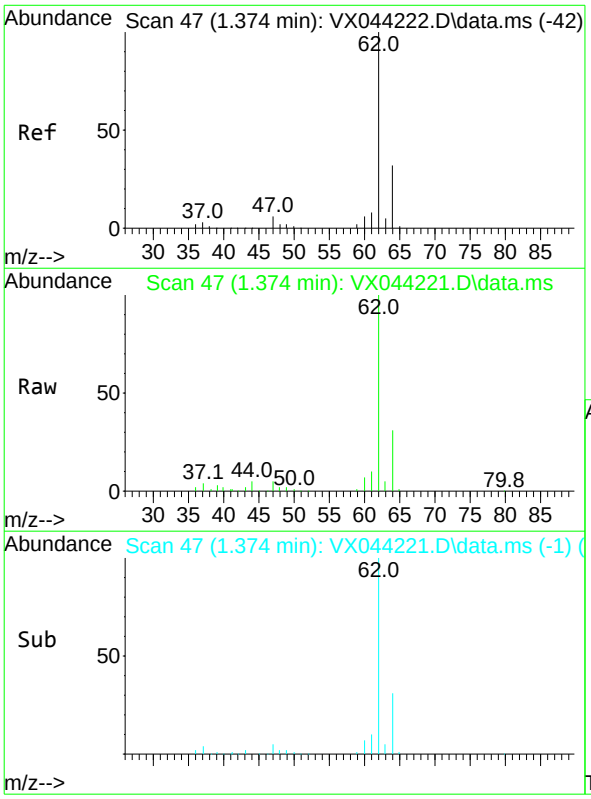
Ion	Ratio	Lower	Upper
50	100		
52	33.2	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

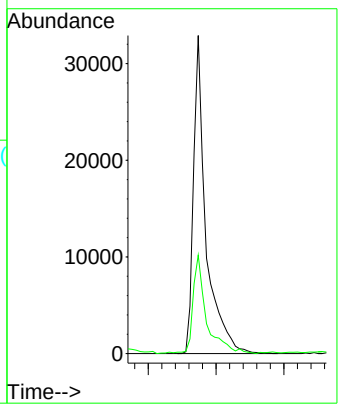
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

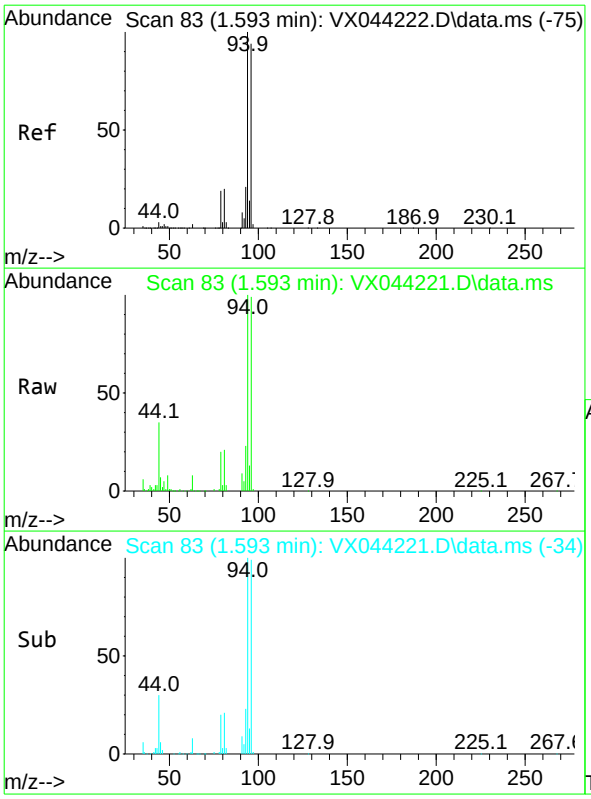


#4
Vinyl Chloride
Concen: 20.304 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 62 Resp: 42048

Ion	Ratio	Lower	Upper
62	100		
64	30.6	25.7	38.5

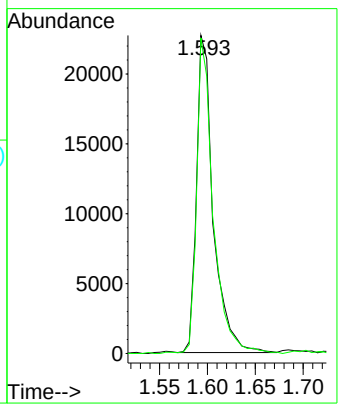




#5
Bromomethane
Concen: 18.789 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 94 Resp: 27604

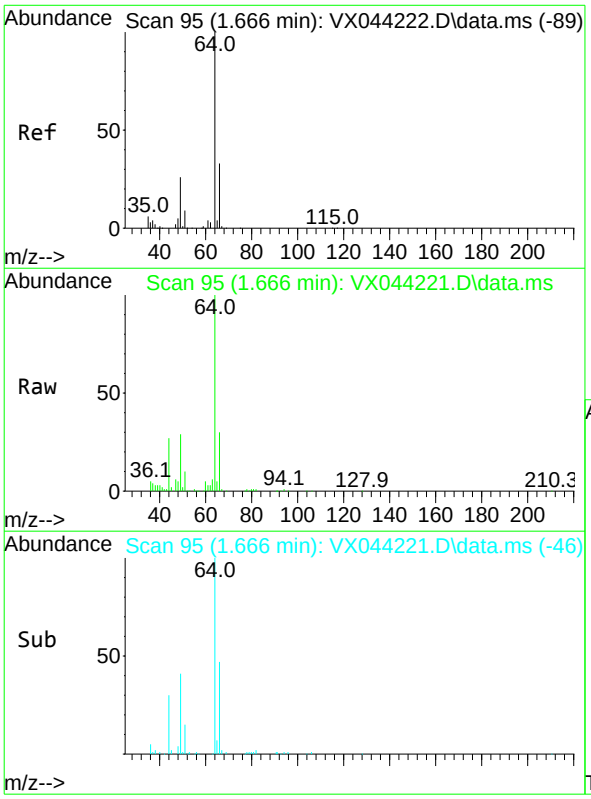
Ion	Ratio	Lower	Upper
94	100		
96	99.2	74.9	112.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

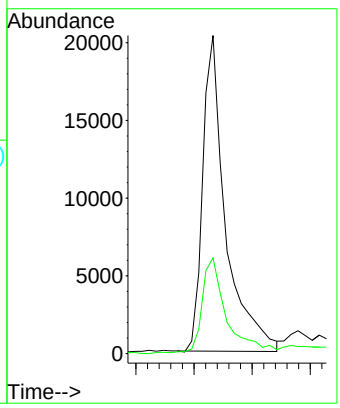
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

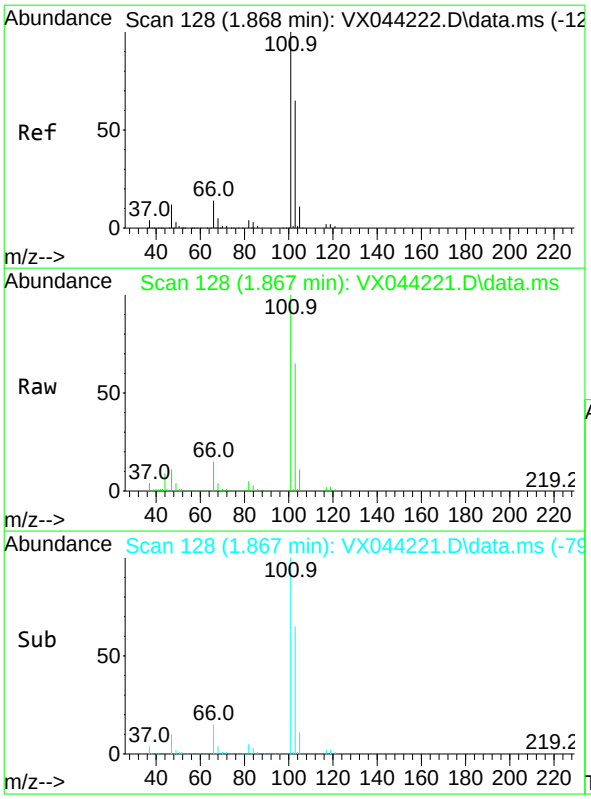


#6
Chloroethane
Concen: 21.460 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 64 Resp: 27673

Ion	Ratio	Lower	Upper
64	100		
66	29.8	26.6	39.8

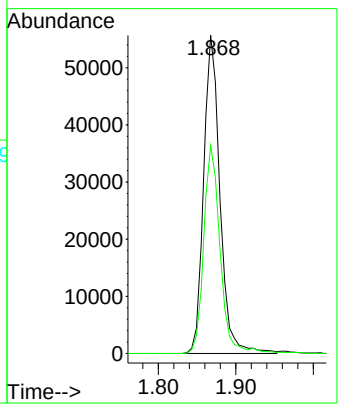




#7
Trichlorofluoromethane
Concen: 20.077 ug/l
RT: 1.867 min Scan# 12
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:101 Resp: 81398

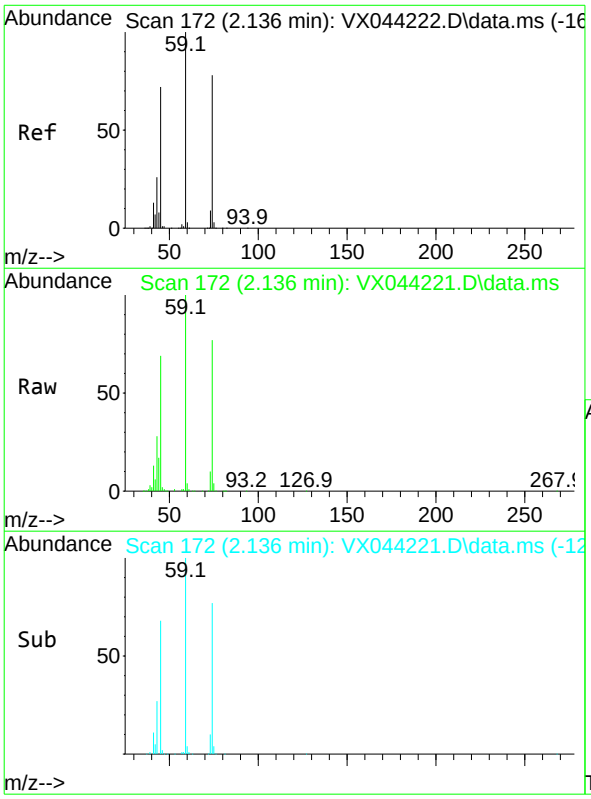
Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.8	77.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

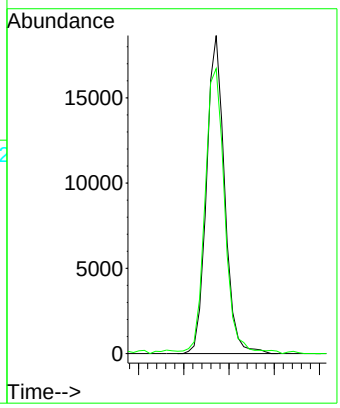
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

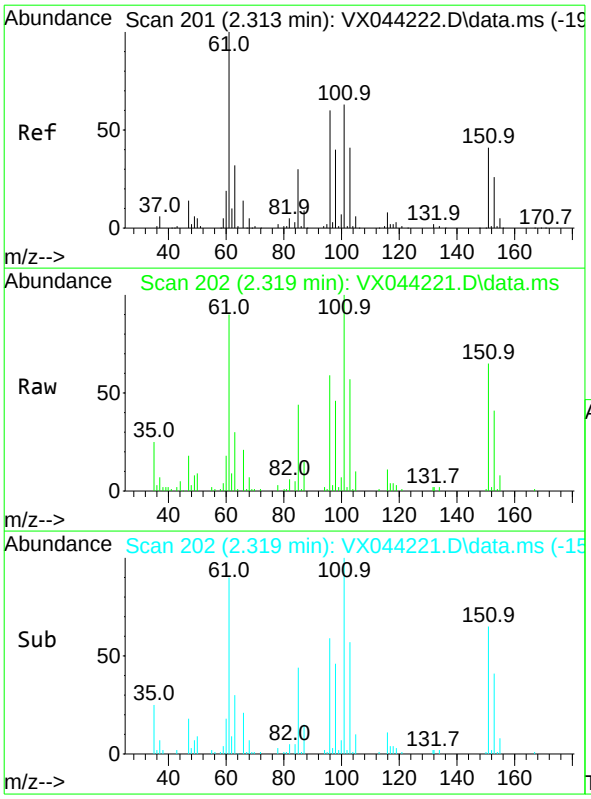


#8
Diethyl Ether
Concen: 18.704 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 74 Resp: 25884

Ion	Ratio	Lower	Upper
74	100		
45	97.8	48.4	145.0

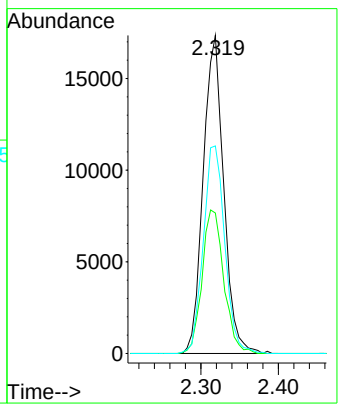




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.412 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:101 Resp: 31846

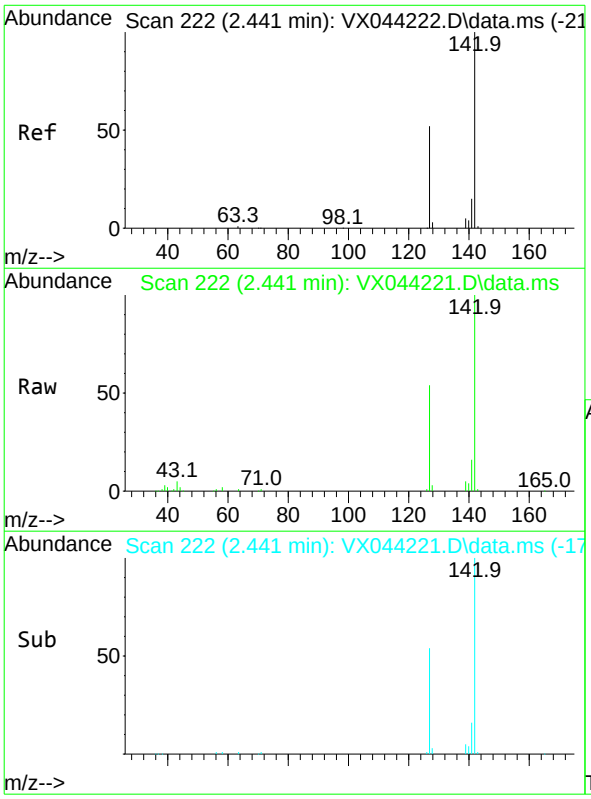
Ion	Ratio	Lower	Upper
101	100		
85	48.0	38.5	57.7
151	68.6	55.8	83.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

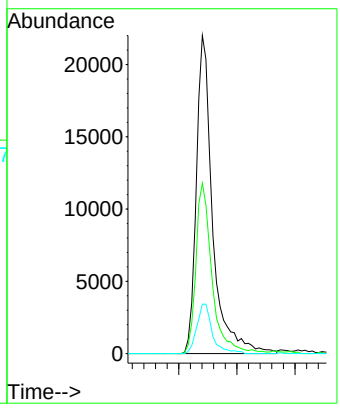
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

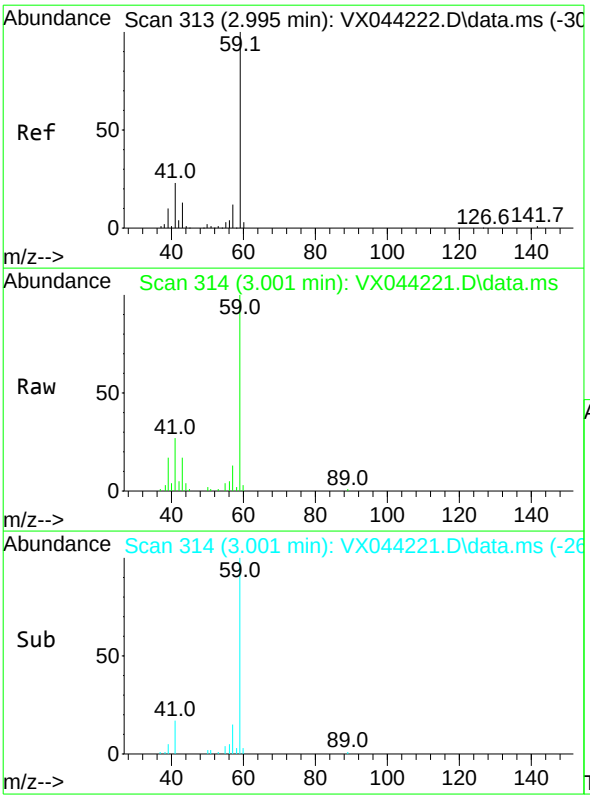


#10
Methyl Iodide
Concen: 19.788 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:142 Resp: 42786

Ion	Ratio	Lower	Upper
142	100		
127	52.9	41.8	62.8
141	14.8	11.5	17.3

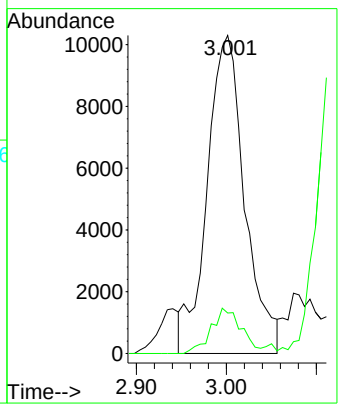




#11
Tert butyl alcohol
Concen: 89.904 ug/l m
RT: 3.001 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 59 Resp: 29819

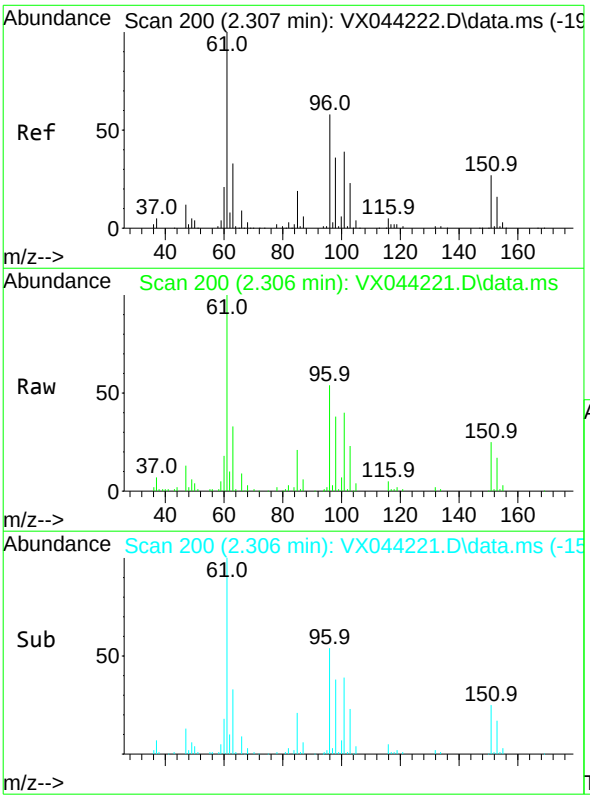
Ion	Ratio	Lower	Upper
59	100		
57	11.5	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

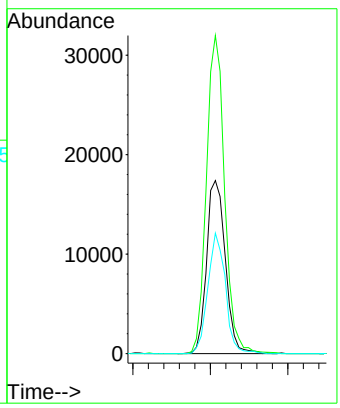
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

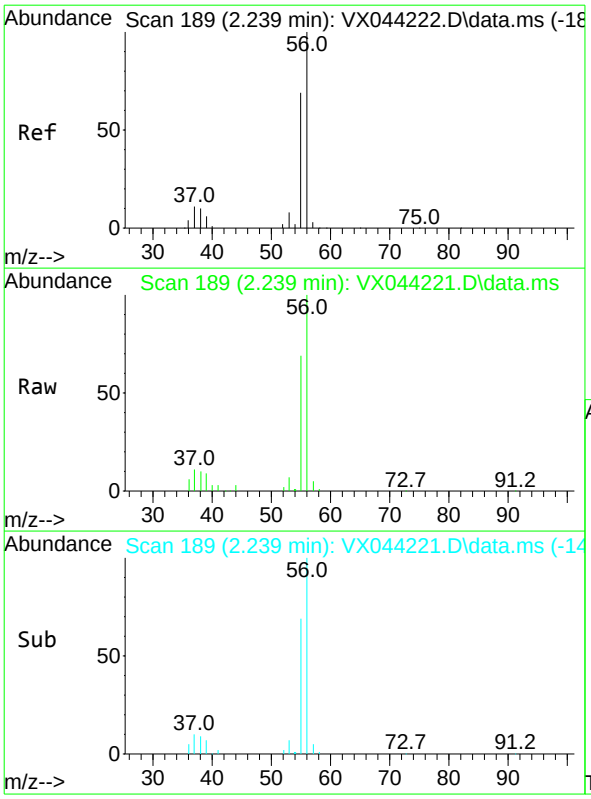


#12
1,1-Dichloroethene
Concen: 19.405 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 96 Resp: 29241

Ion	Ratio	Lower	Upper
96	100		
61	183.9	138.0	207.0
98	69.6	50.0	75.0

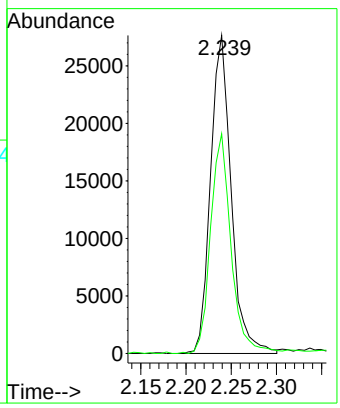




#13
Acrolein
Concen: 91.311 ug/l
RT: 2.239 min Scan# 18
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 56 Resp: 43909

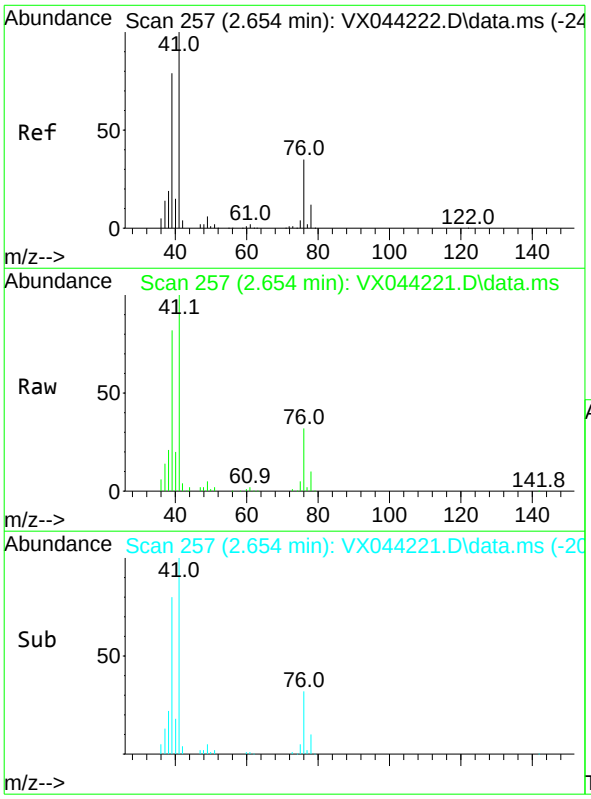
Ion	Ratio	Lower	Upper
56	100		
55	68.6	56.6	84.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

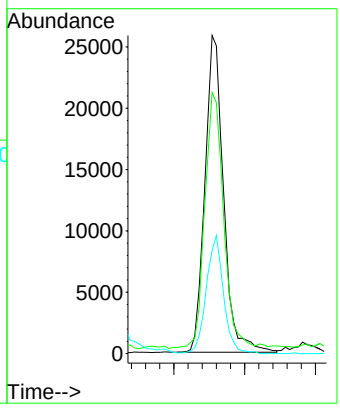
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

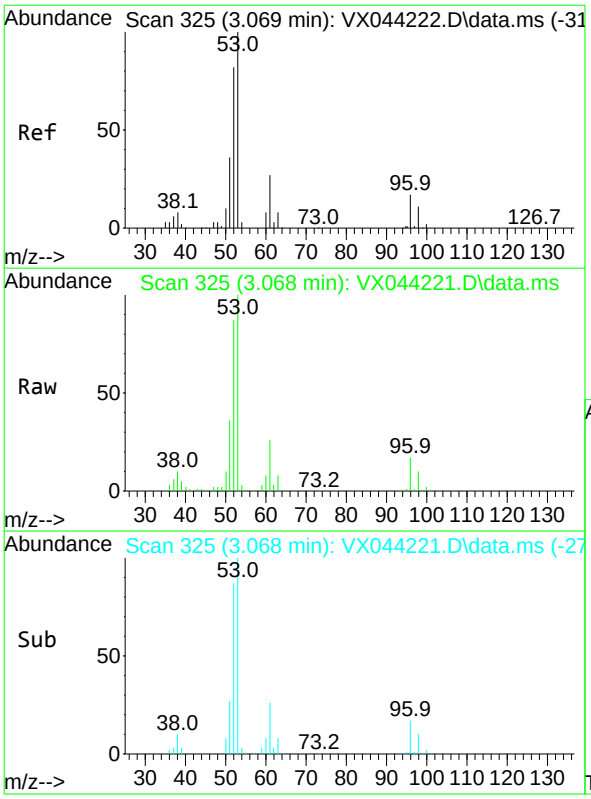


#14
Allyl chloride
Concen: 18.813 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 41 Resp: 47218

Ion	Ratio	Lower	Upper
41	100		
39	80.4	61.9	92.9
76	34.5	27.4	41.2

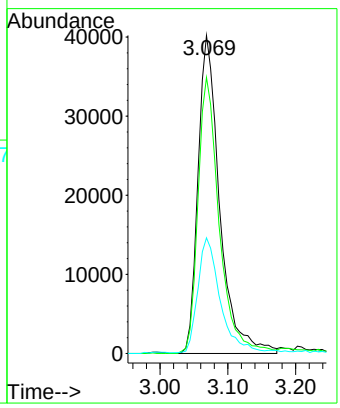




#15
Acrylonitrile
Concen: 96.988 ug/l
RT: 3.068 min Scan# 32
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 53 Resp: 89249

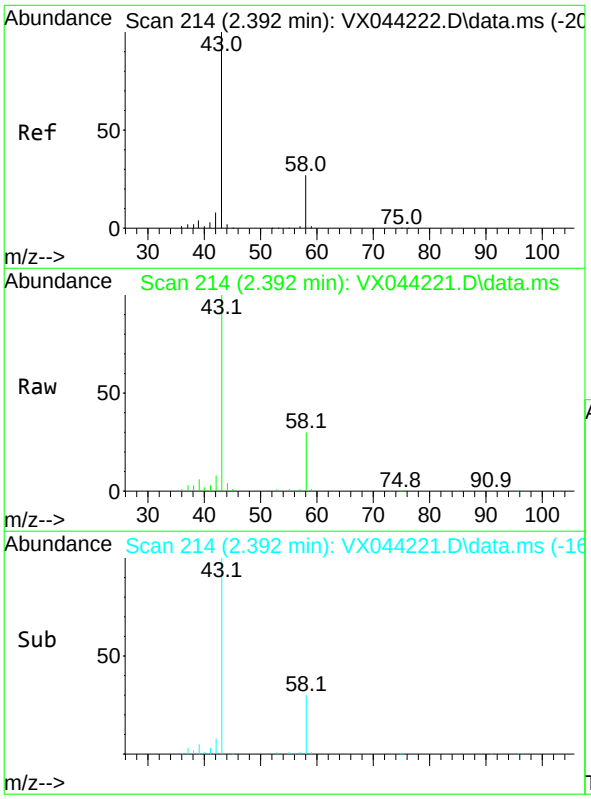
Ion	Ratio	Lower	Upper
53	100		
52	85.1	67.4	101.0
51	37.1	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

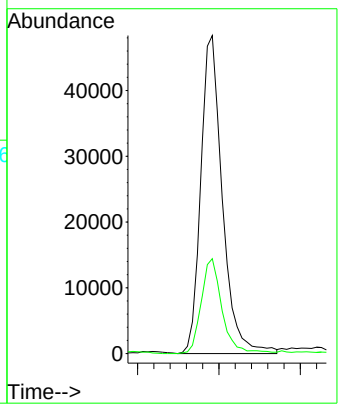
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

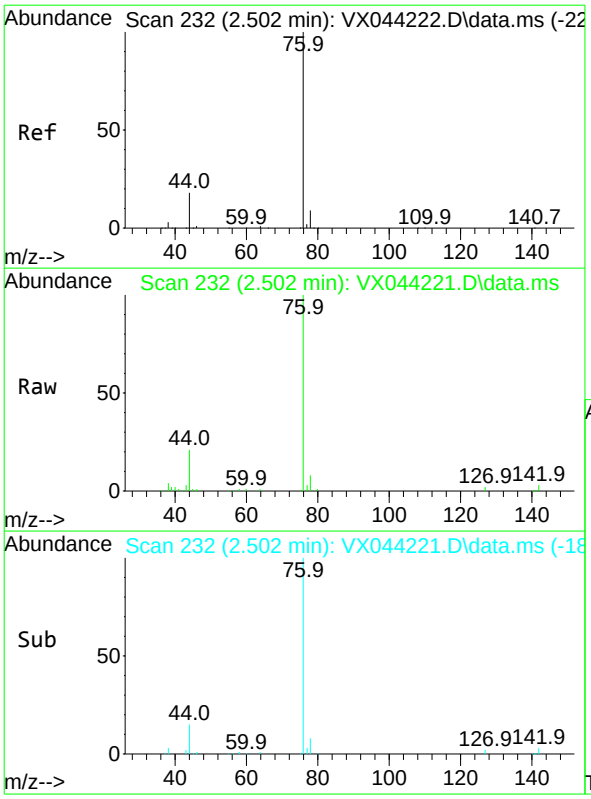


#16
Acetone
Concen: 92.601 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 43 Resp: 88985

Ion	Ratio	Lower	Upper
43	100		
58	29.8	21.6	32.4

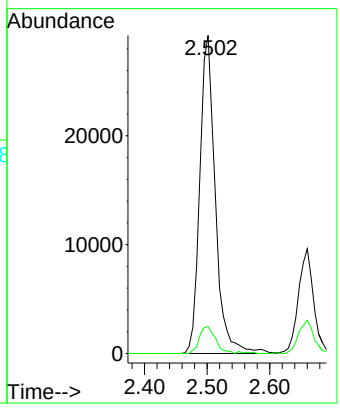




#17
Carbon Disulfide
Concen: 17.595 ug/l
RT: 2.502 min Scan# 23
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 76 Resp: 50399

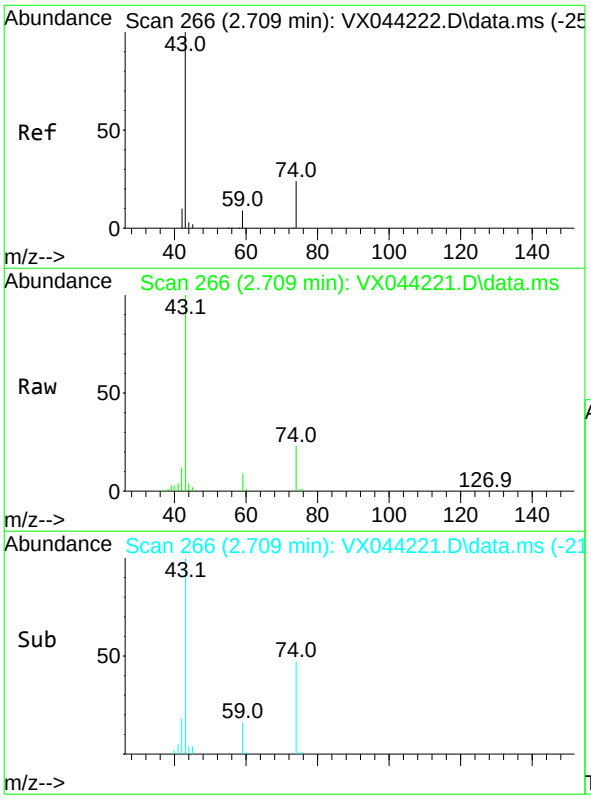
Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.4	11.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

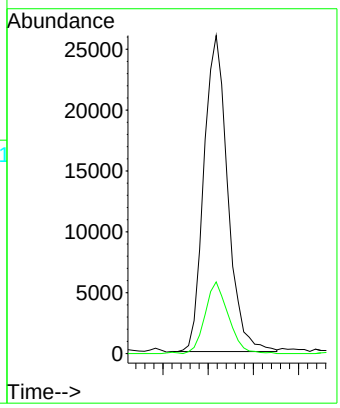
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

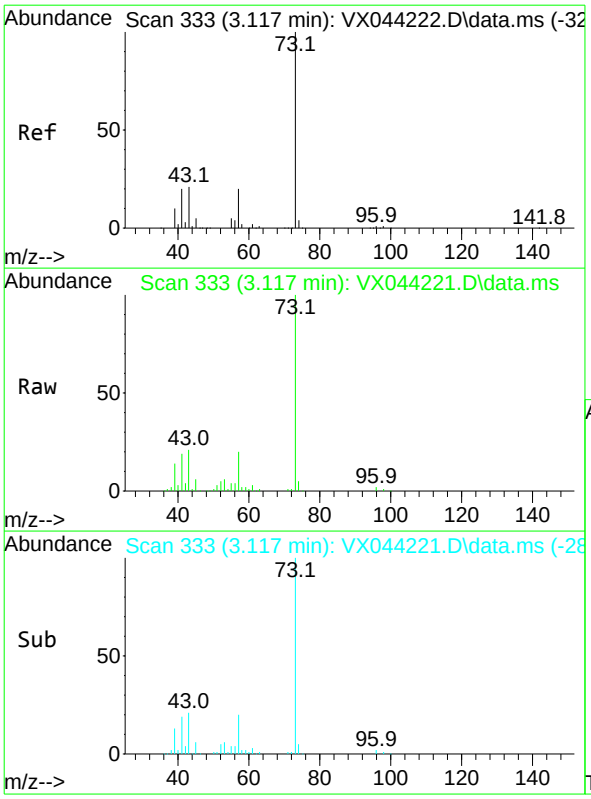


#18
Methyl Acetate
Concen: 19.175 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 43 Resp: 47509

Ion	Ratio	Lower	Upper
43	100		
74	22.2	17.7	26.5

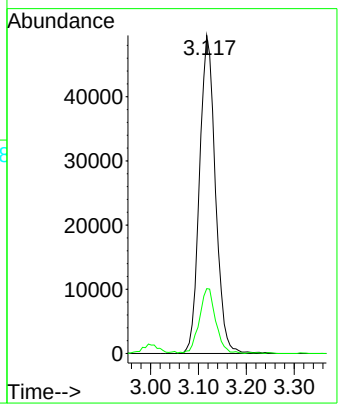




#19
Methyl tert-butyl Ether
Concen: 19.450 ug/l
RT: 3.117 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 73 Resp: 114371

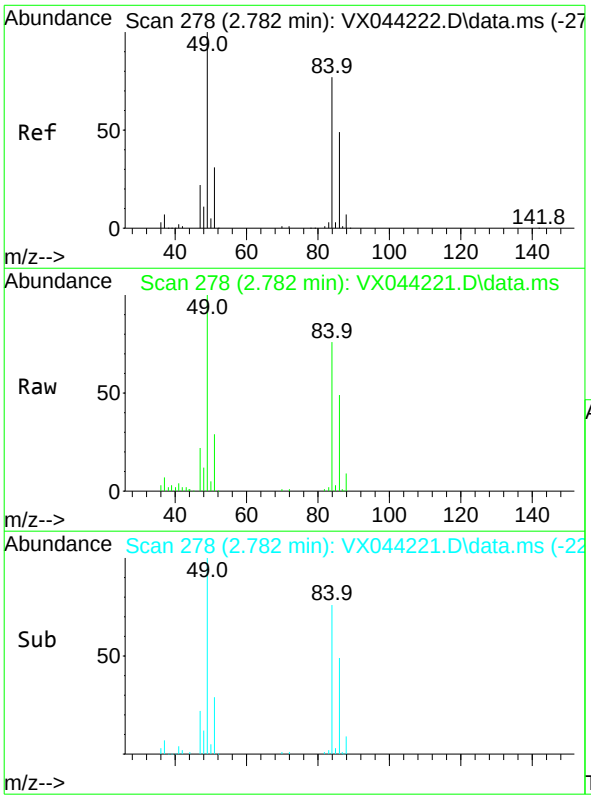
Ion	Ratio	Lower	Upper
73	100		
57	20.4	16.2	24.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

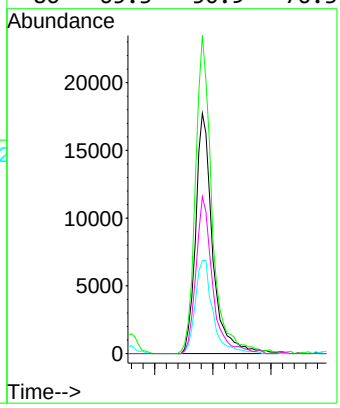
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

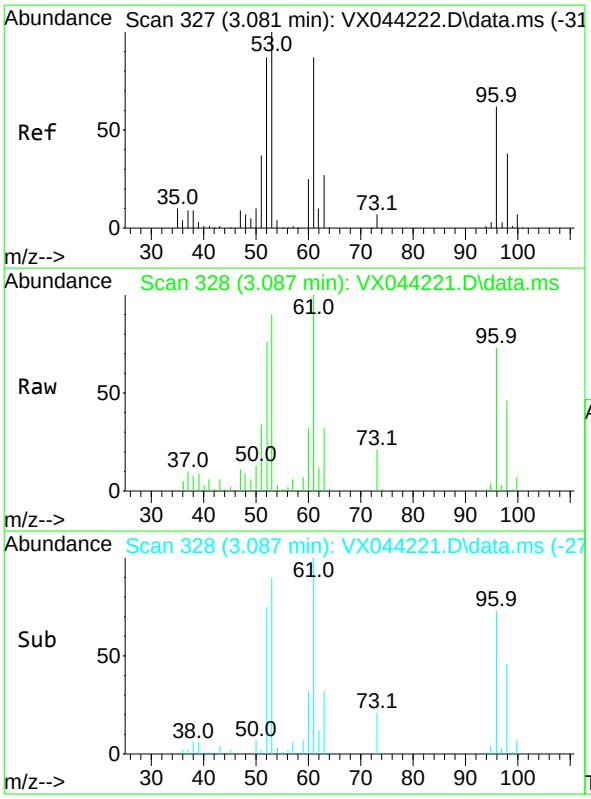


#20
Methylene Chloride
Concen: 19.846 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 84 Resp: 35820

Ion	Ratio	Lower	Upper
84	100		
49	132.3	104.2	156.4
51	38.7	32.2	48.4
86	65.3	50.9	76.3

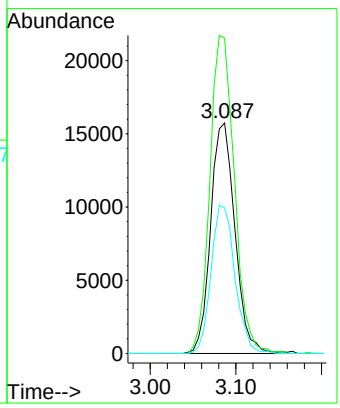




#21
trans-1,2-Dichloroethene
Concen: 19.380 ug/l
RT: 3.087 min Scan# 32
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 96 Resp: 31036

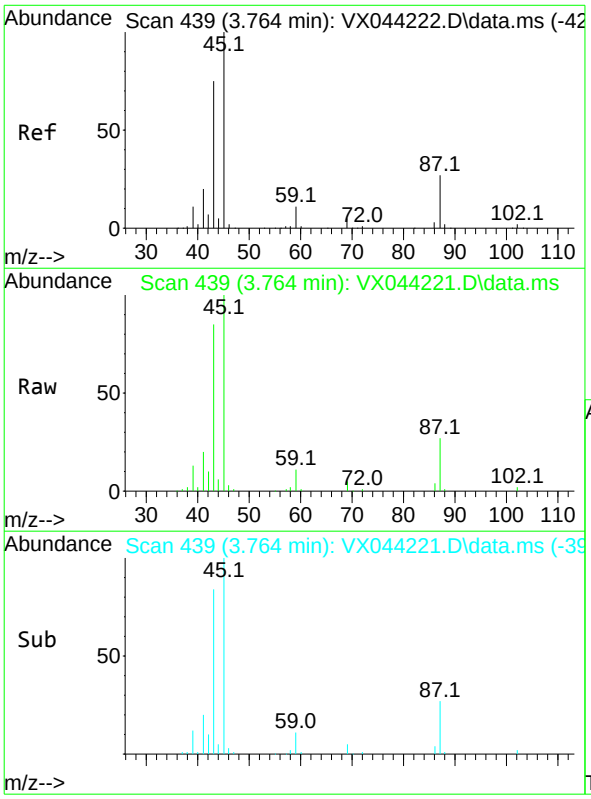
Ion	Ratio	Lower	Upper
96	100		
61	136.8	112.0	168.0
98	63.2	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

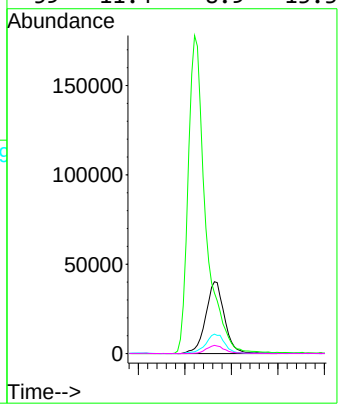
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

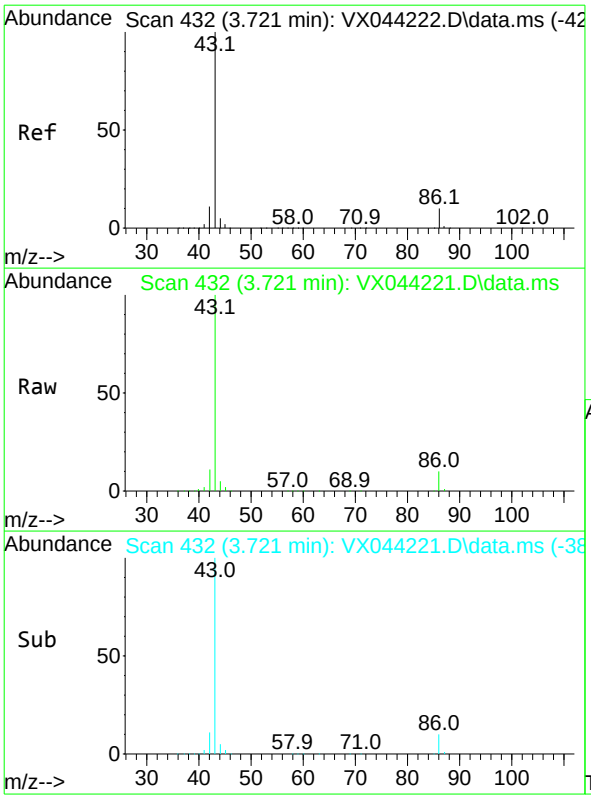


#22
Diisopropyl ether
Concen: 19.907 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 45 Resp: 112511

Ion	Ratio	Lower	Upper
45	100		
43	82.8	60.2	90.2
87	27.1	21.2	31.8
59	11.4	8.9	13.3

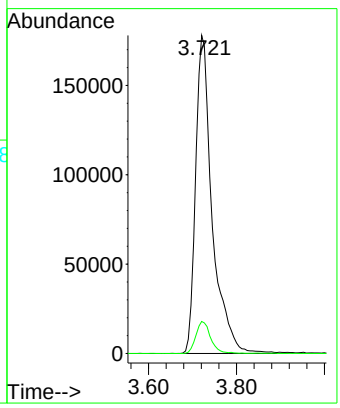




#23
Vinyl Acetate
Concen: 101.354 ug/l
RT: 3.721 min Scan# 43
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 43 Resp: 465716

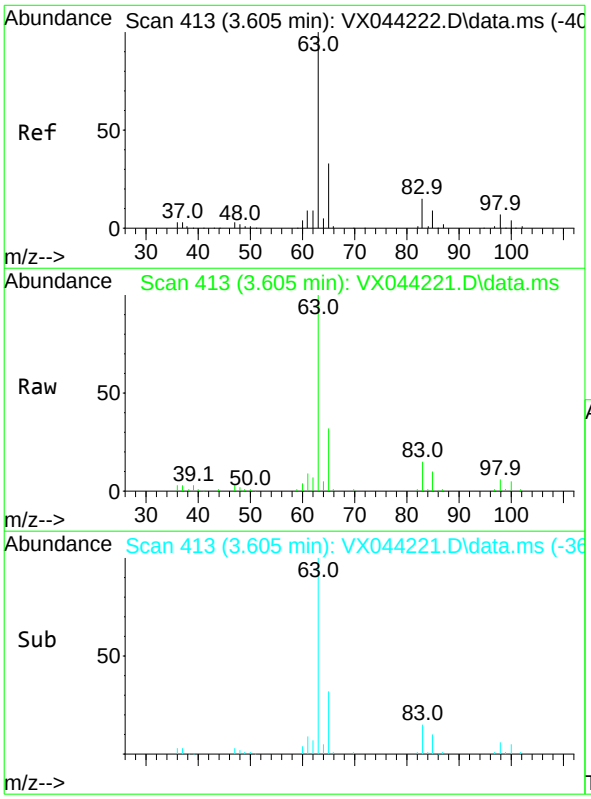
Ion	Ratio	Lower	Upper
43	100		
86	10.1	8.2	12.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

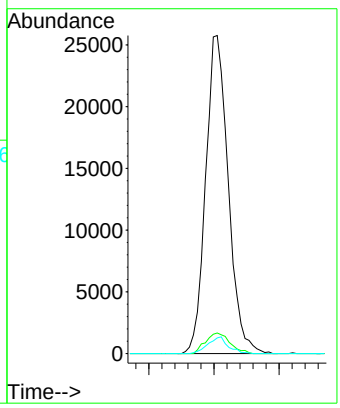
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

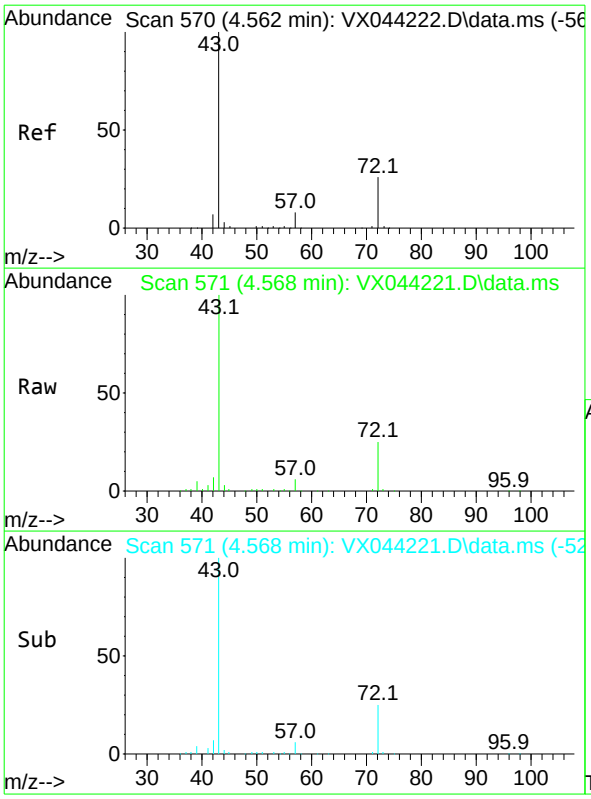


#24
1,1-Dichloroethane
Concen: 19.699 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 63 Resp: 62059

Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.6	10.8
100	4.9	2.1	6.3

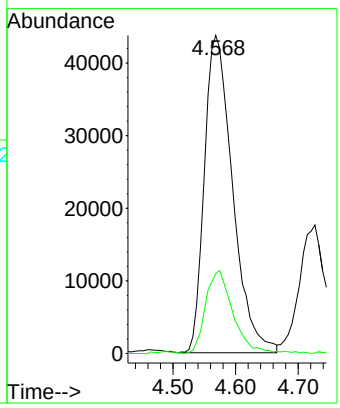




#25
2-Butanone
Concen: 100.277 ug/l
RT: 4.568 min Scan# 57
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 43 Resp: 136992

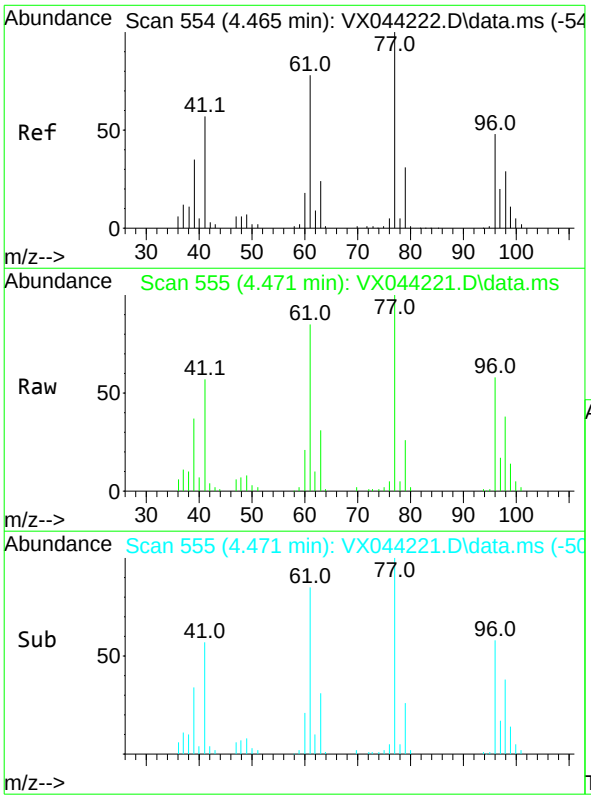
Ion	Ratio	Lower	Upper
43	100		
72	24.8	20.2	30.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

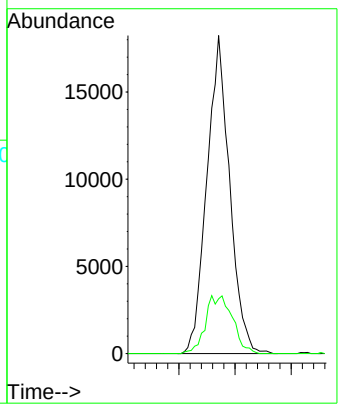
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

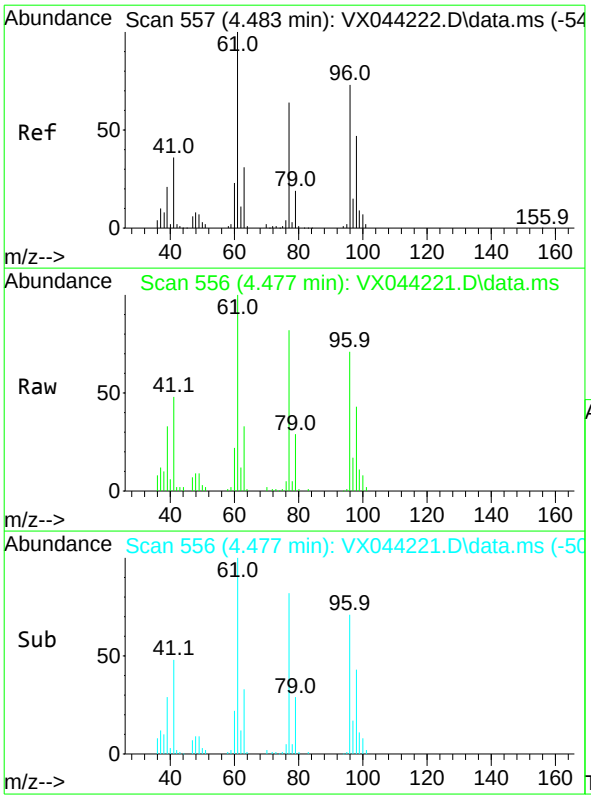


#26
2,2-Dichloropropane
Concen: 20.095 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 77 Resp: 51431

Ion	Ratio	Lower	Upper
77	100		
97	9.1	10.7	32.1#

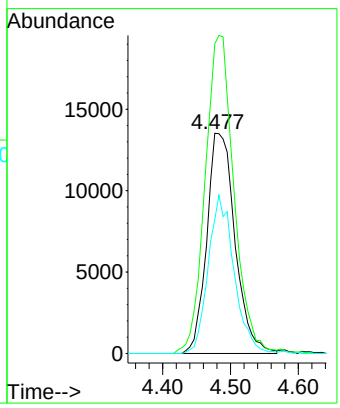




#27
cis-1,2-Dichloroethene
Concen: 19.254 ug/l
RT: 4.477 min Scan# 55
Delta R.T. -0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 96 Resp: 39161

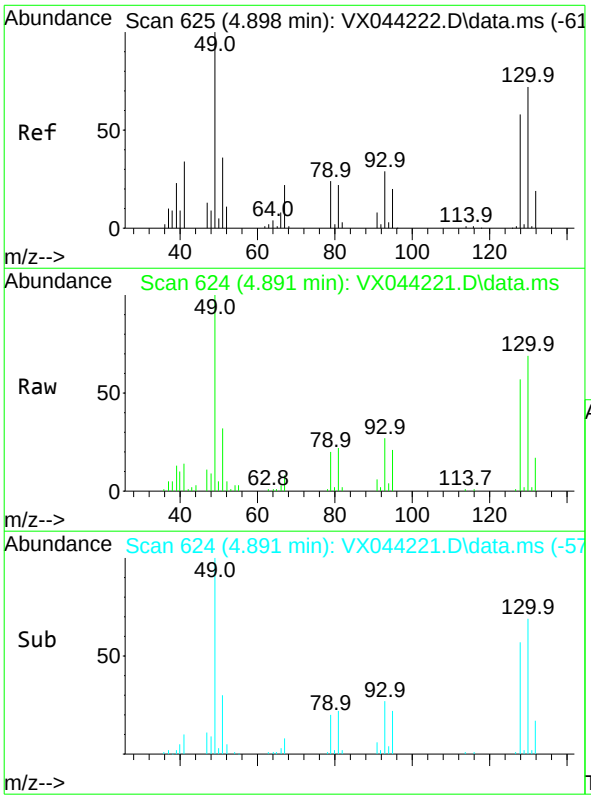
Ion	Ratio	Lower	Upper
96	100		
61	147.6	0.0	299.0
98	65.5	0.0	129.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

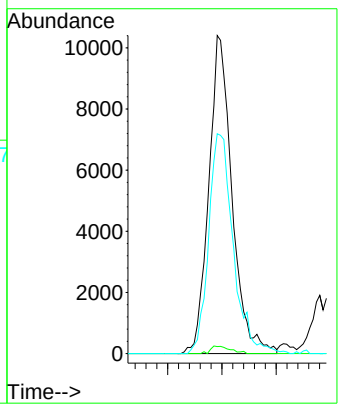
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

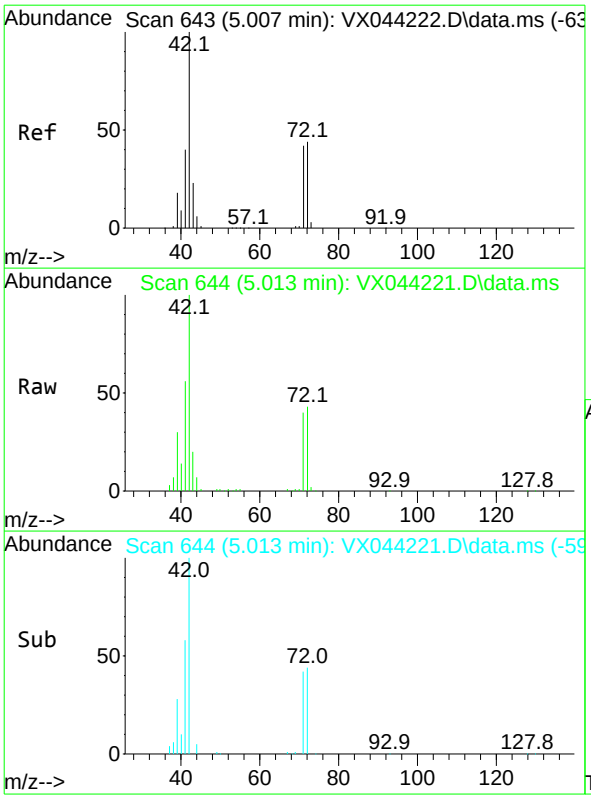


#28
Bromochloromethane
Concen: 20.052 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 49 Resp: 30977

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	73.1	62.1	93.1

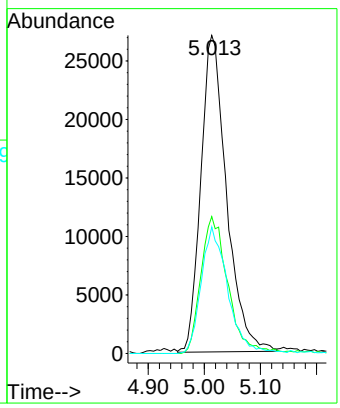




#29
Tetrahydrofuran
Concen: 98.343 ug/l
RT: 5.013 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 42 Resp: 86235

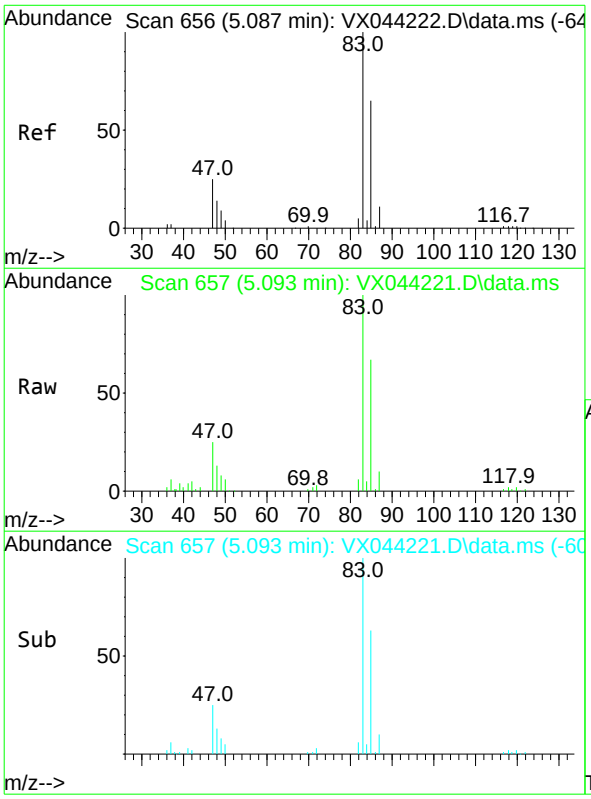
Ion	Ratio	Lower	Upper
42	100		
72	45.2	37.0	55.6
71	41.1	33.6	50.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

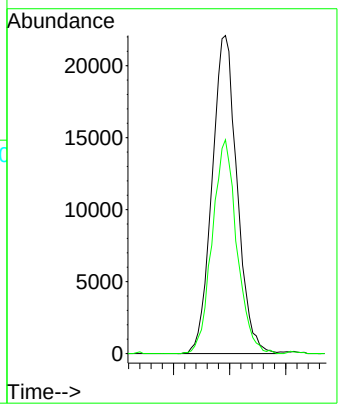
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

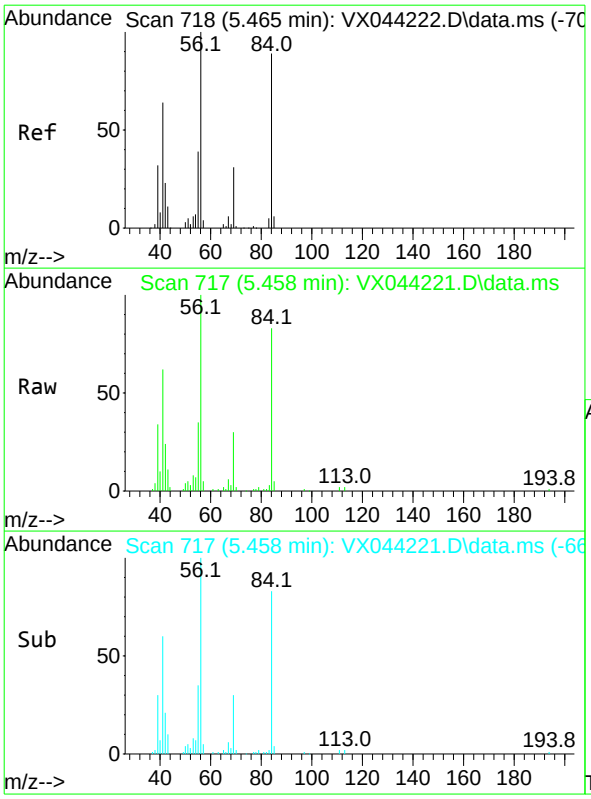


#30
Chloroform
Concen: 19.327 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 83 Resp: 68410

Ion	Ratio	Lower	Upper
83	100		
85	67.2	51.6	77.4

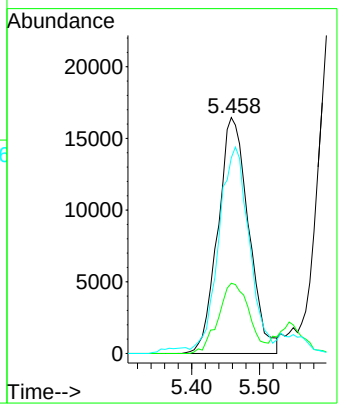




#31
Cyclohexane
Concen: 20.351 ug/l
RT: 5.458 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 56 Resp: 51773

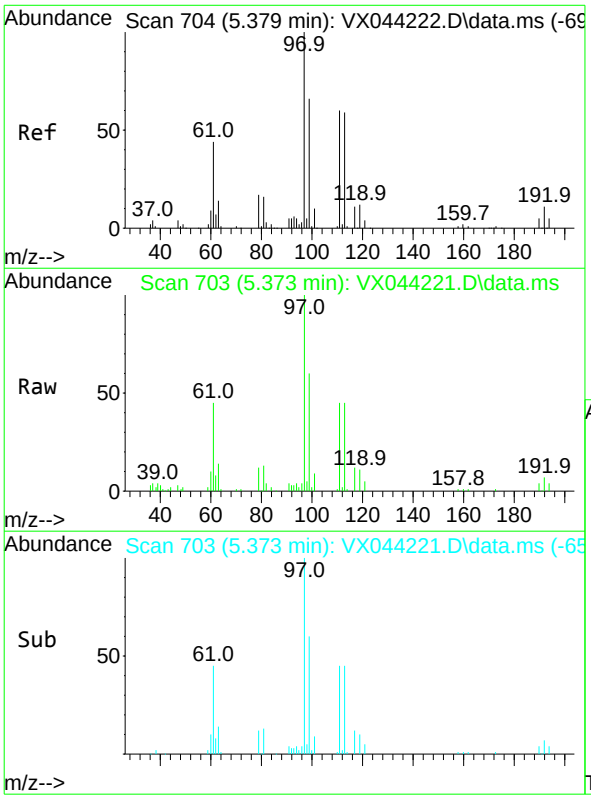
Ion	Ratio	Lower	Upper
56	100		
69	29.8	24.7	37.1
84	80.7	71.0	106.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

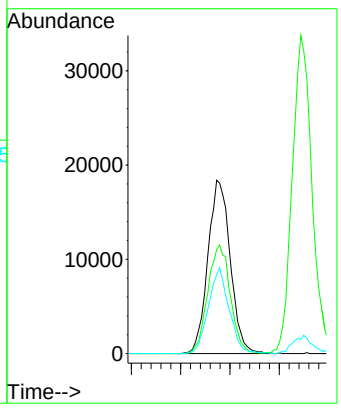
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

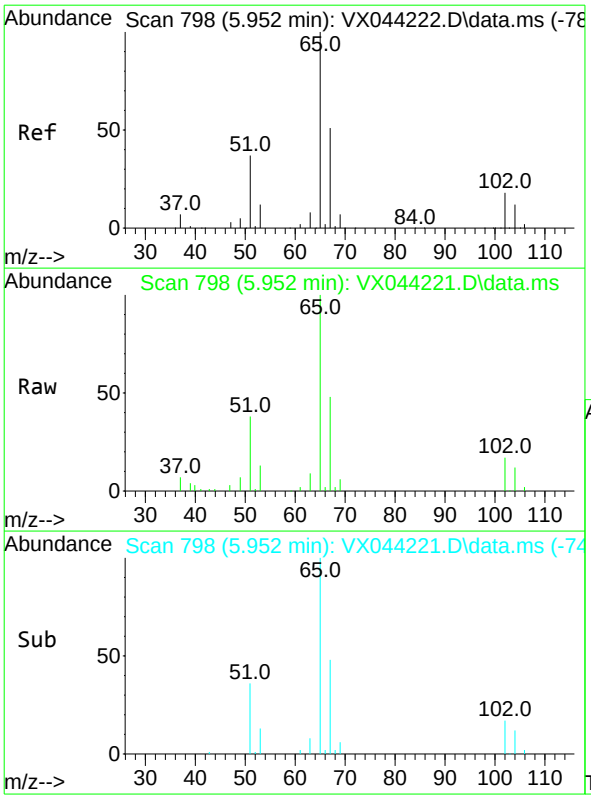


#32
1,1,1-Trichloroethane
Concen: 19.706 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 97 Resp: 57900

Ion	Ratio	Lower	Upper
97	100		
99	63.0	50.8	76.2
61	45.7	35.2	52.8

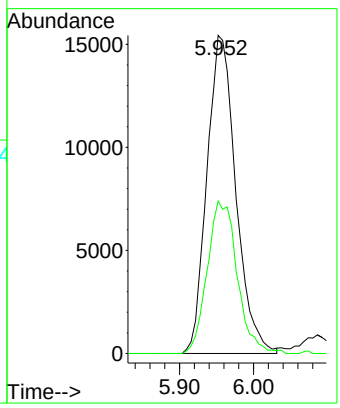




#33
1,2-Dichloroethane-d4
Concen: 17.743 ug/l
RT: 5.952 min Scan# 79
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 65 Resp: 41821

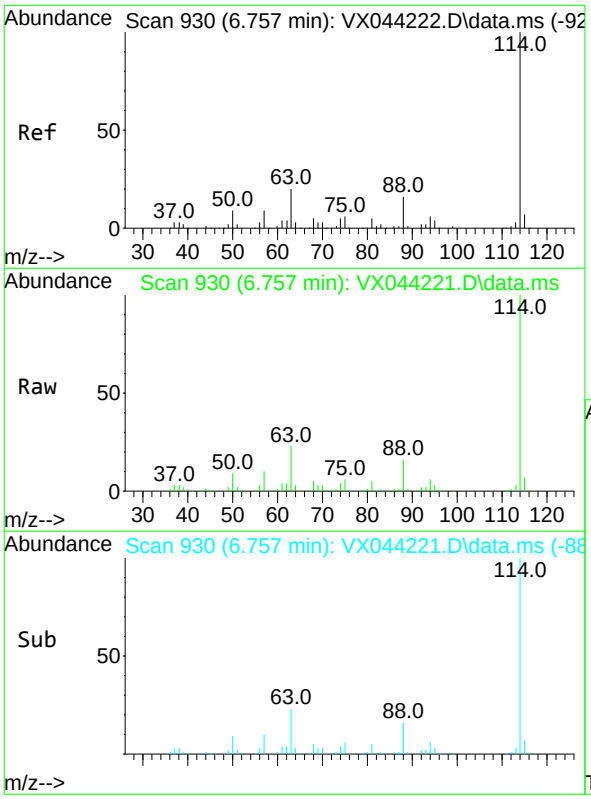
Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	101.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

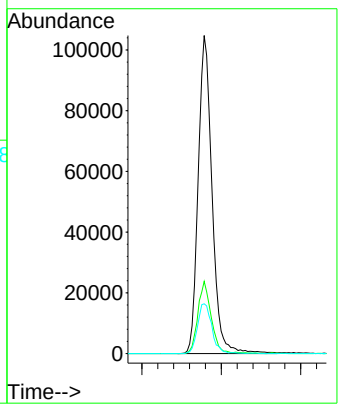
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

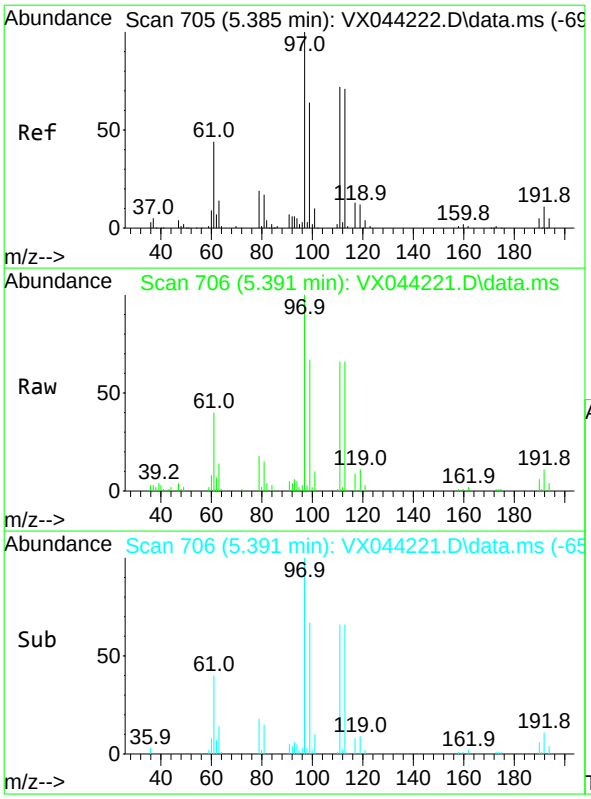


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:114 Resp: 254199

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	40.6
88	15.7	0.0	31.8

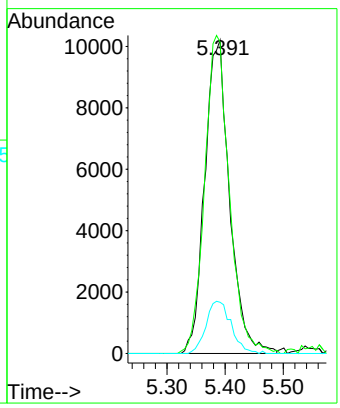




#35
Dibromofluoromethane
Concen: 17.213 ug/l
RT: 5.391 min Scan# 70
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:113 Resp: 30304

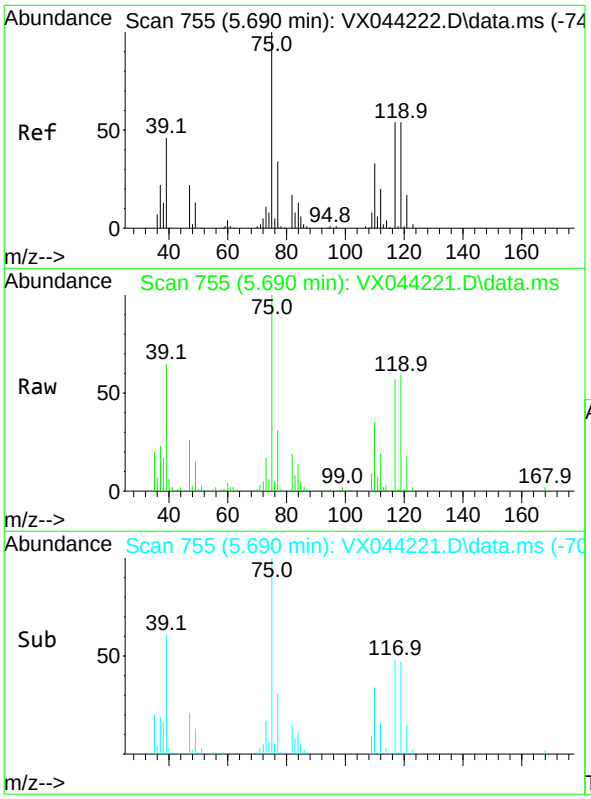
Ion	Ratio	Lower	Upper
113	100		
111	100.9	80.4	120.6
192	16.7	13.3	19.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

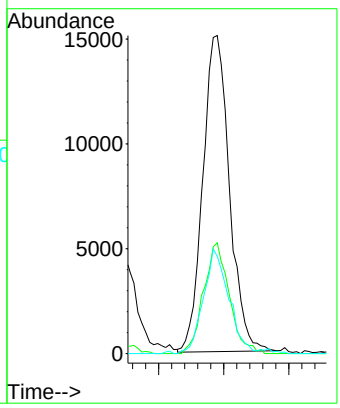
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

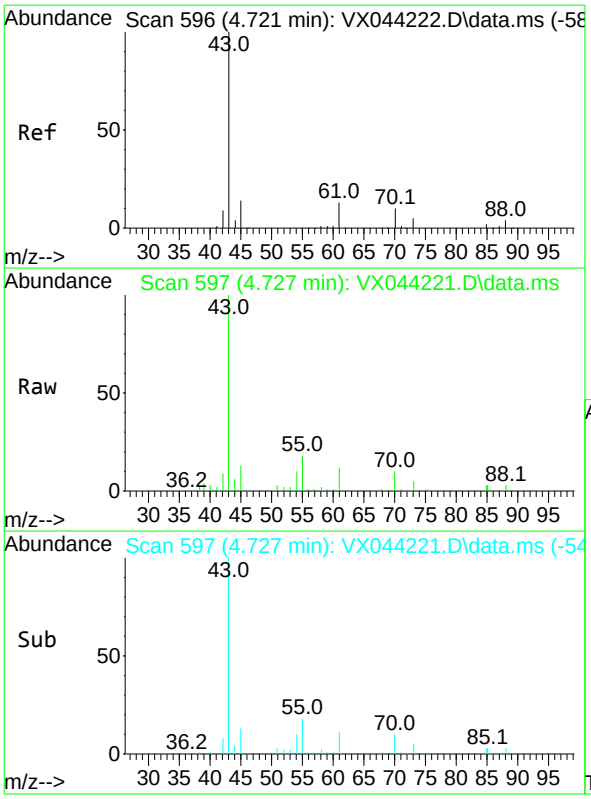


#36
1,1-Dichloropropene
Concen: 18.841 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 75 Resp: 42878

Ion	Ratio	Lower	Upper
75	100		
110	33.7	17.3	51.7
77	31.3	25.4	38.0

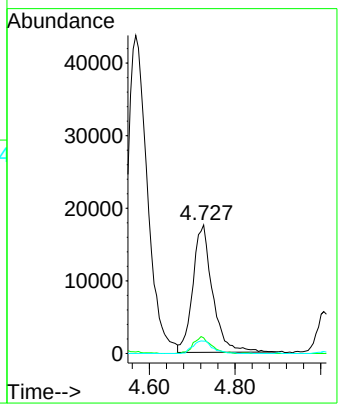




#37
Ethyl Acetate
Concen: 19.913 ug/l
RT: 4.727 min Scan# 59
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 43 Resp: 56019

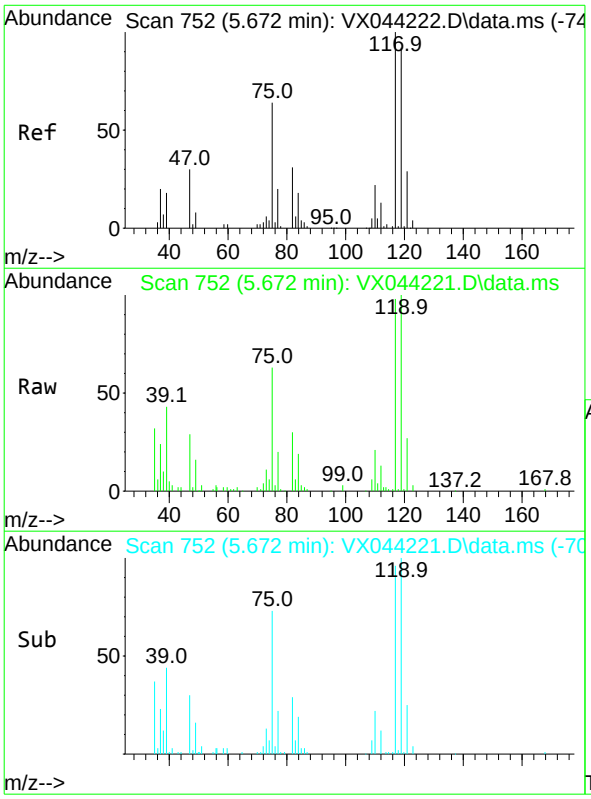
Ion	Ratio	Lower	Upper
43	100		
61	11.8	9.8	14.8
70	9.9	7.7	11.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

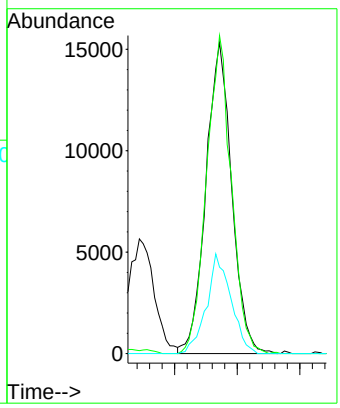
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

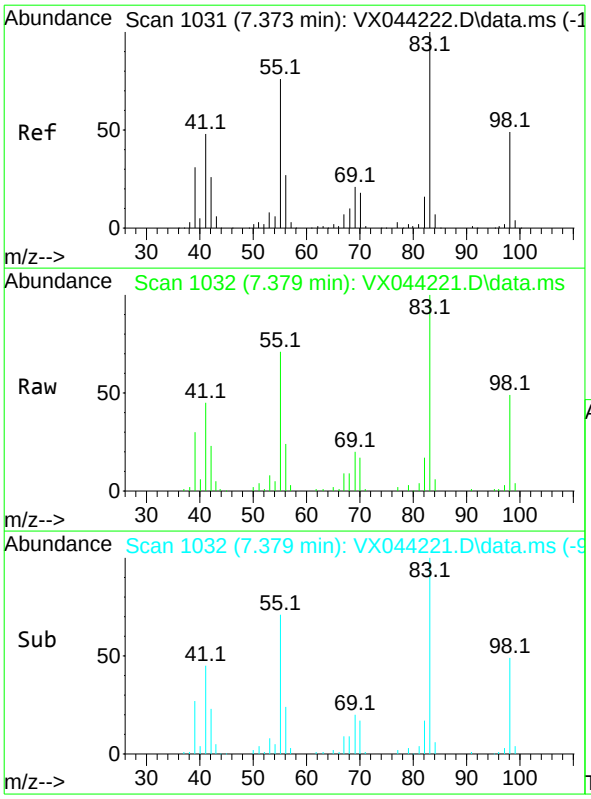


#38
Carbon Tetrachloride
Concen: 17.918 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:117 Resp: 43901

Ion	Ratio	Lower	Upper
117	100		
119	102.3	74.2	111.4
121	27.8	23.0	34.6

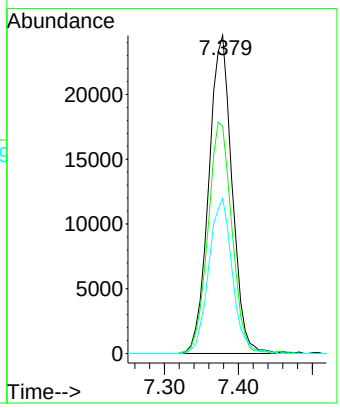




#39
Methylcyclohexane
Concen: 19.678 ug/l
RT: 7.379 min Scan# 10
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 83 Resp: 53536

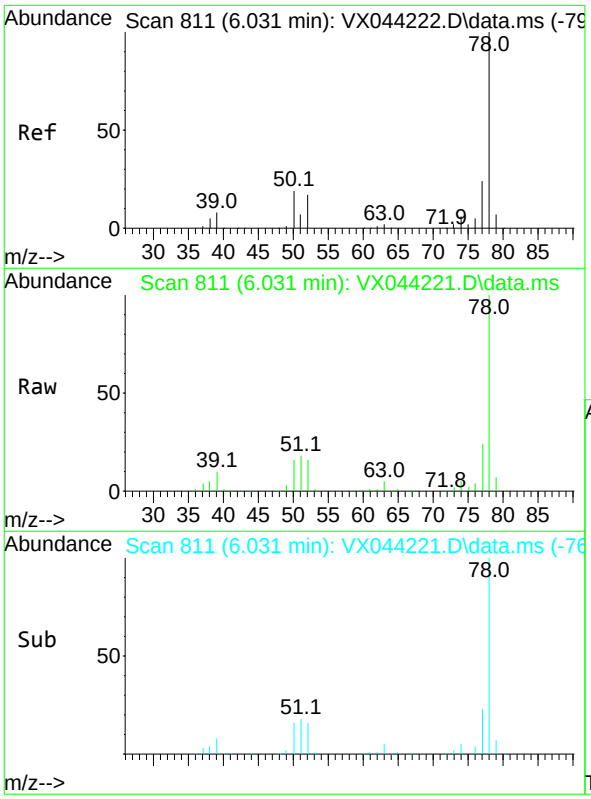
Ion	Ratio	Lower	Upper
83	100		
55	71.4	60.7	91.1
98	48.7	38.9	58.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

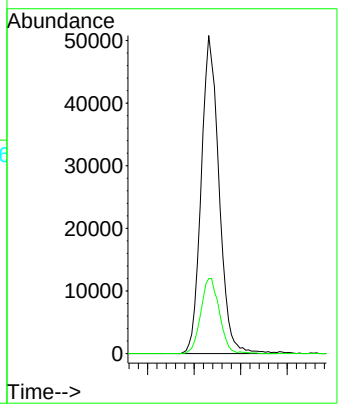
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

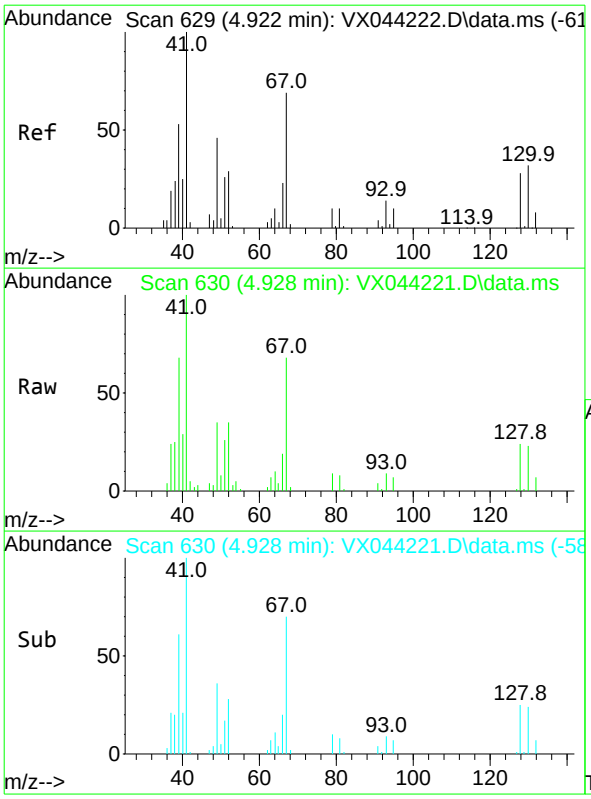


#40
Benzene
Concen: 19.606 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 78 Resp: 135467

Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.3	28.9

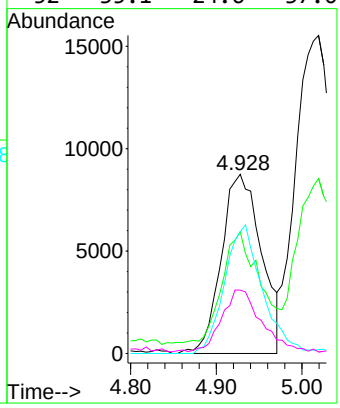




#41
Methacrylonitrile
Concen: 19.095 ug/l
RT: 4.928 min Scan# 63
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 41 Resp: 28523

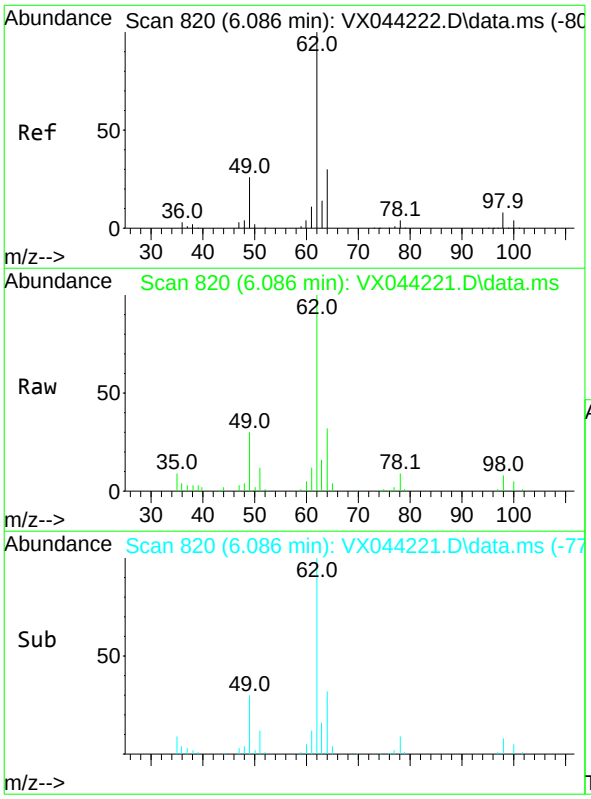
Ion	Ratio	Lower	Upper
41	100		
39	59.0	44.2	66.4
67	67.6	57.2	85.8
52	35.1	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

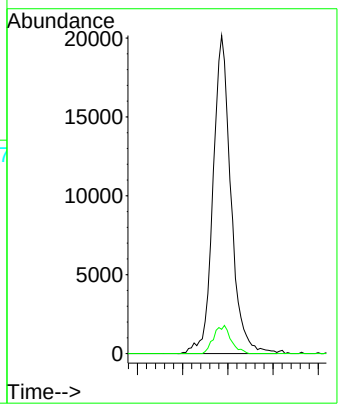
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

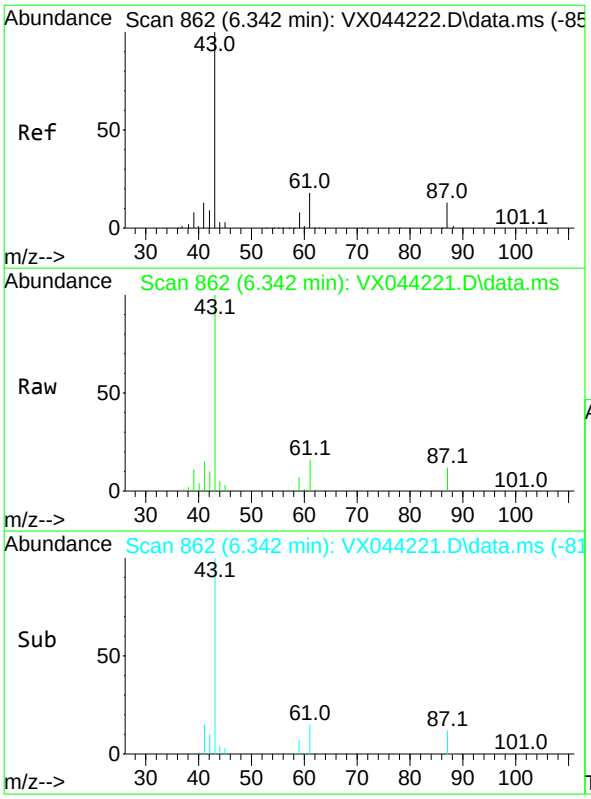


#42
1,2-Dichloroethane
Concen: 19.456 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 62 Resp: 55377

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	15.8

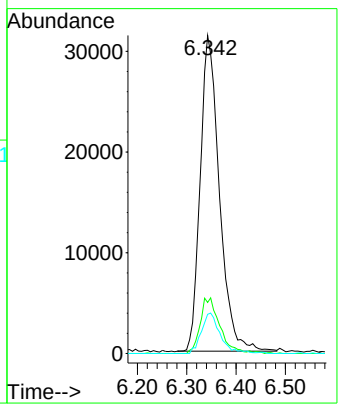




#43
Isopropyl Acetate
Concen: 19.301 ug/l
RT: 6.342 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 43 Resp: 84866

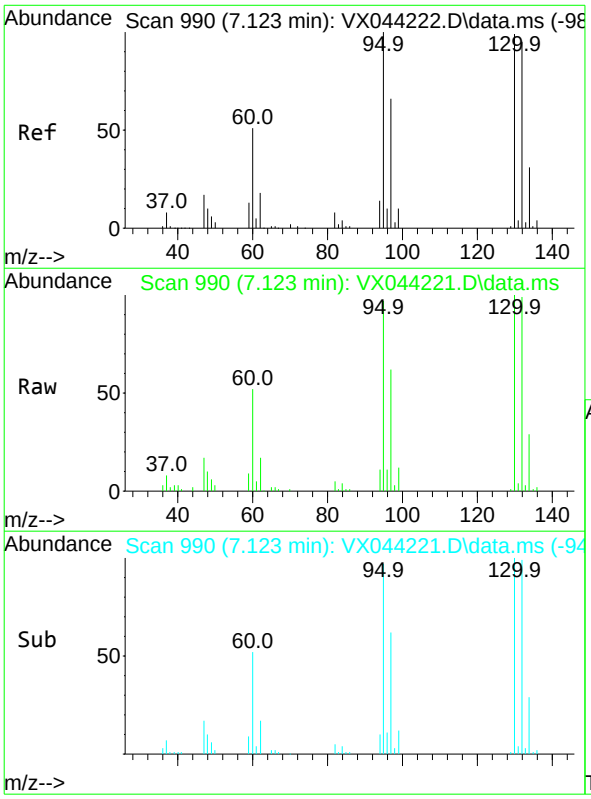
Ion	Ratio	Lower	Upper
43	100		
61	17.7	14.2	21.2
87	12.5	10.2	15.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

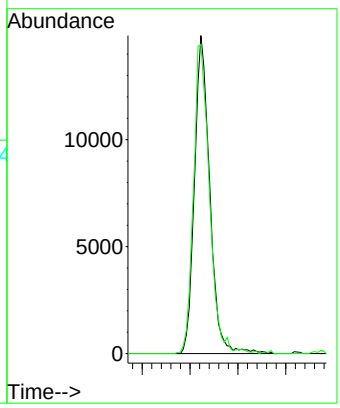
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

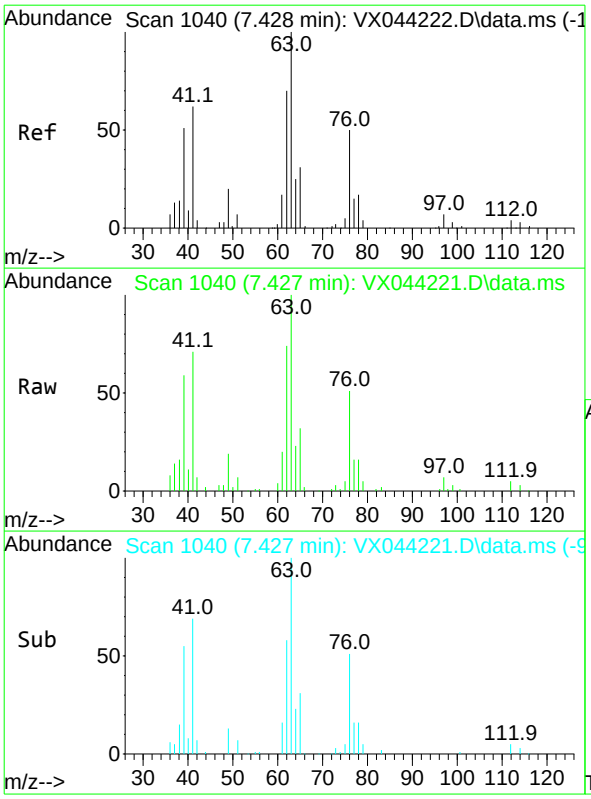


#44
Trichloroethene
Concen: 19.149 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:130 Resp: 32995

Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	201.4

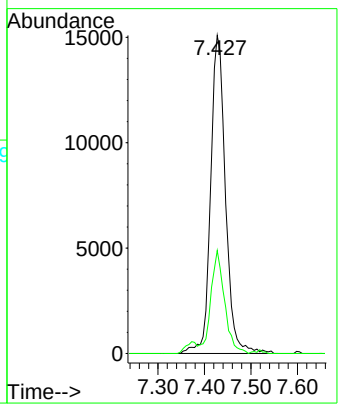




#45
1,2-Dichloropropane
Concen: 19.025 ug/l
RT: 7.427 min Scan# 10
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 63 Resp: 33585

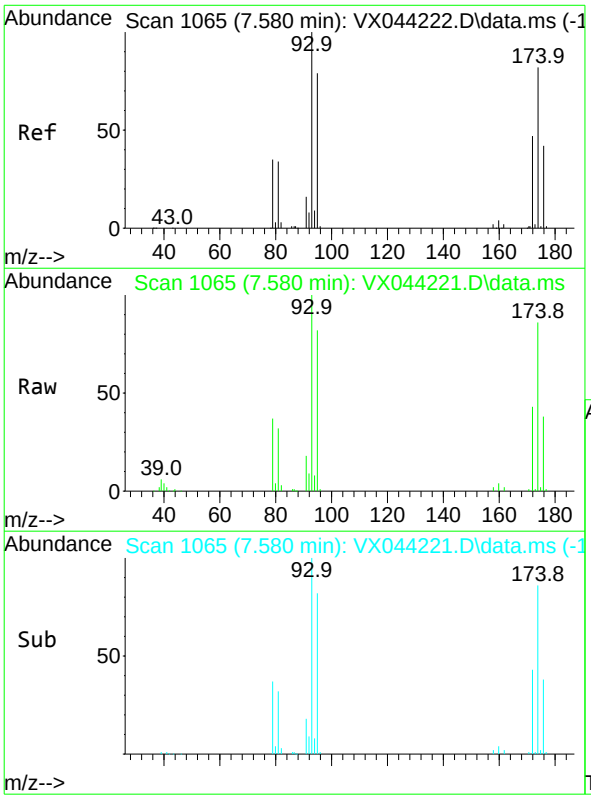
Ion	Ratio	Lower	Upper
63	100		
65	32.4	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

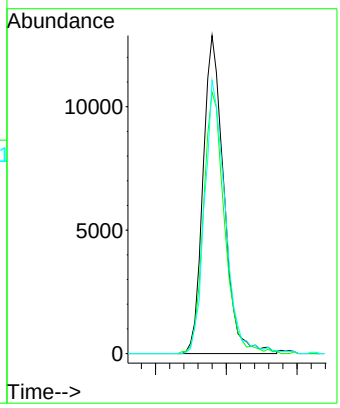
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

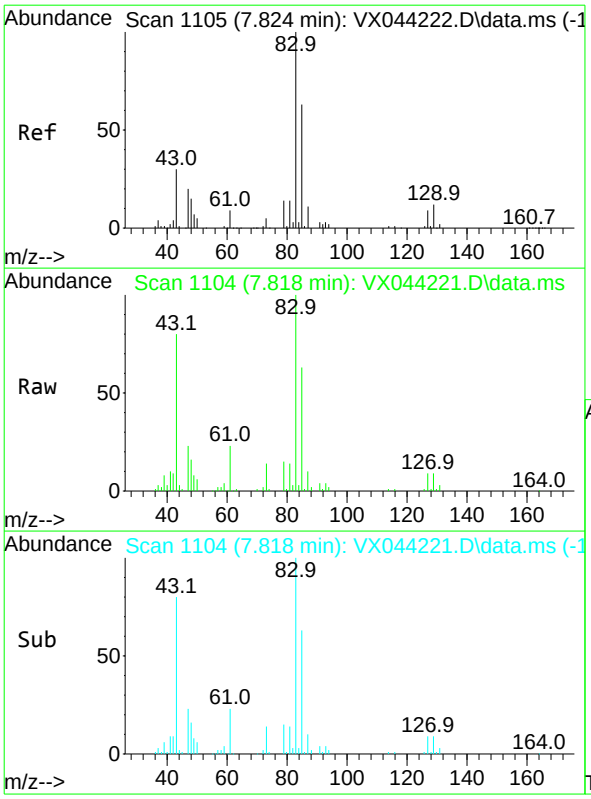


#46
Dibromomethane
Concen: 19.199 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 93 Resp: 26293

Ion	Ratio	Lower	Upper
93	100		
95	83.0	65.4	98.2
174	86.1	67.9	101.9

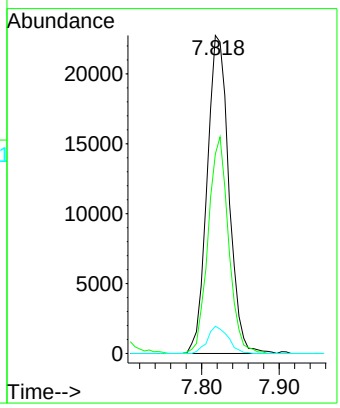




#47
Bromodichloromethane
Concen: 18.735 ug/l
RT: 7.818 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 83 Resp: 44312

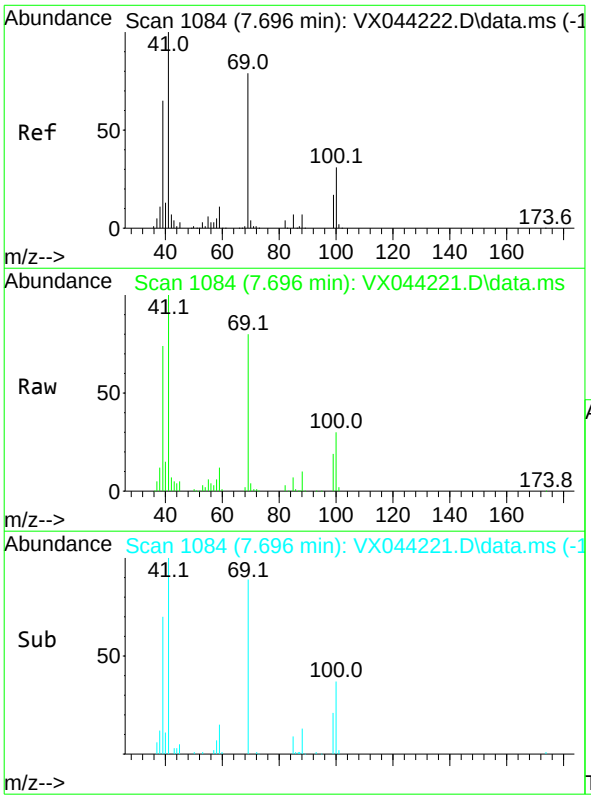
Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.6	75.8
127	8.6	7.3	10.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

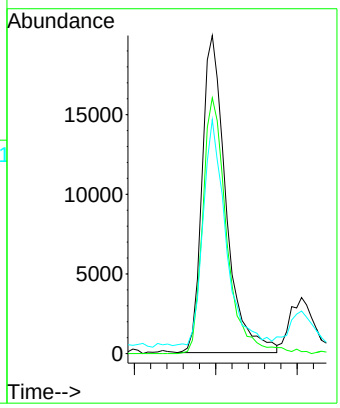
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

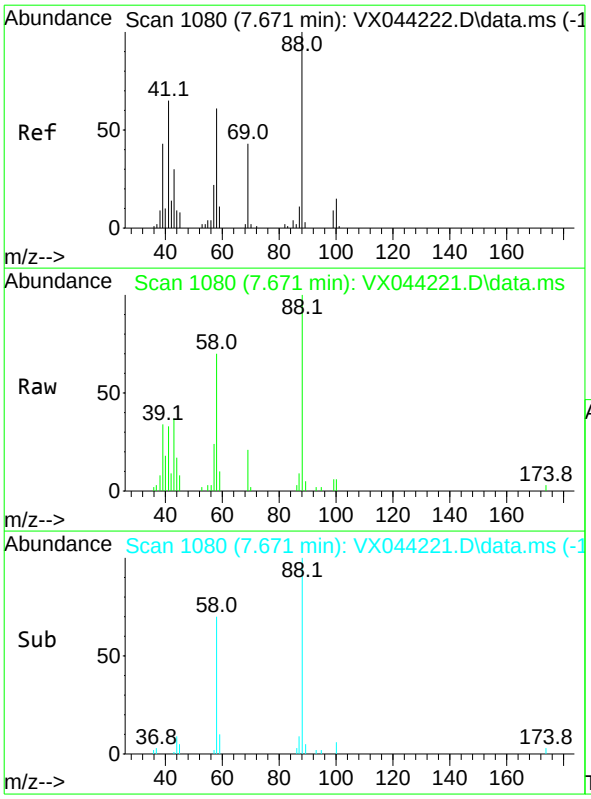


#48
Methyl methacrylate
Concen: 19.032 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 41 Resp: 40620

Ion	Ratio	Lower	Upper
41	100		
69	80.5	62.4	93.6
39	67.5	53.3	79.9

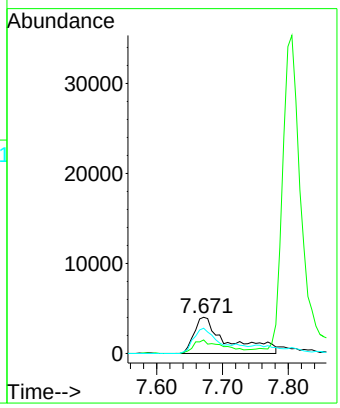




#49
1,4-Dioxane
Concen: 391.518 ug/l m
RT: 7.671 min Scan# 10
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 88 Resp: 14281

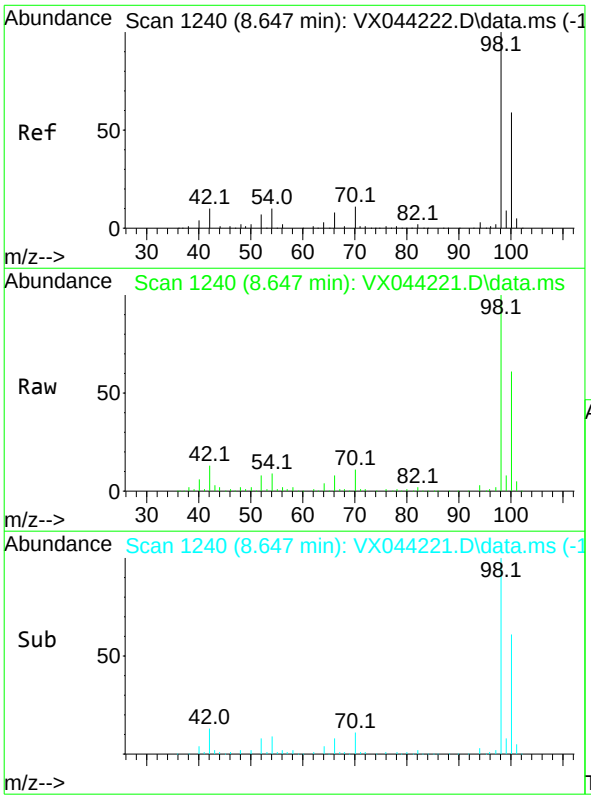
Ion	Ratio	Lower	Upper
88	100		
43	34.0	27.1	40.7
58	49.5	41.0	61.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

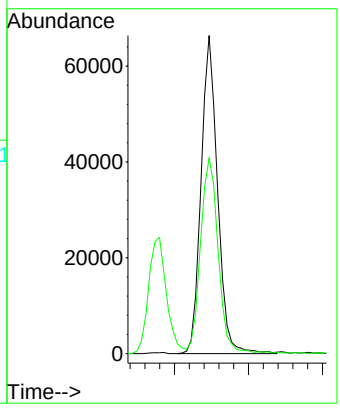
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

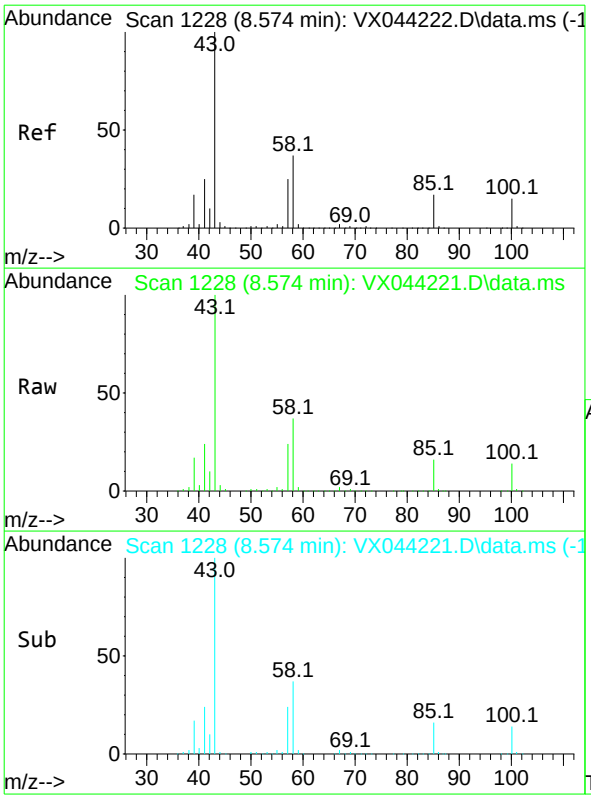


#50
Toluene-d8
Concen: 17.284 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 98 Resp: 102660

Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.5	77.3

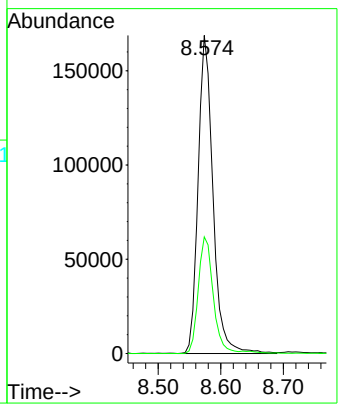




#51
4-Methyl-2-Pentanone
Concen: 98.429 ug/l
RT: 8.574 min Scan# 12
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 43 Resp: 278267

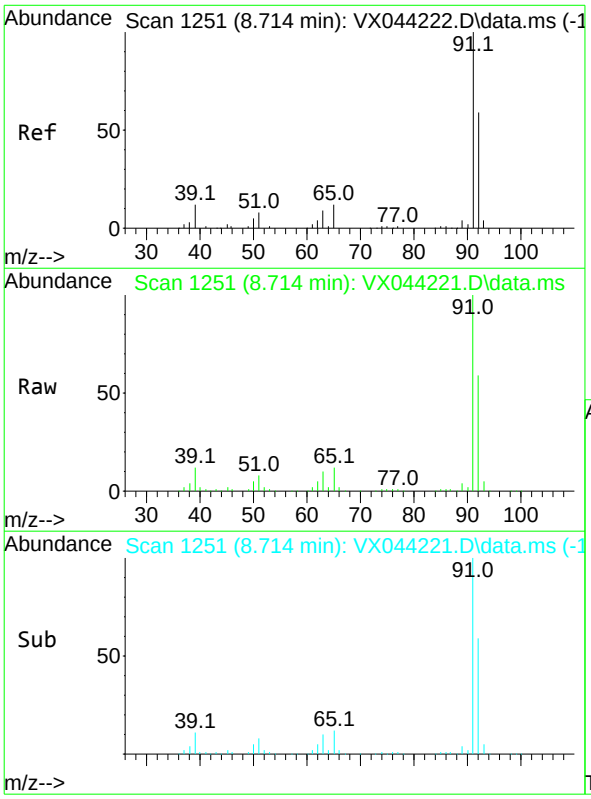
Ion	Ratio	Lower	Upper
43	100		
58	36.6	29.4	44.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

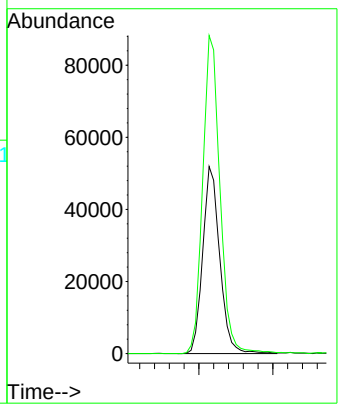
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

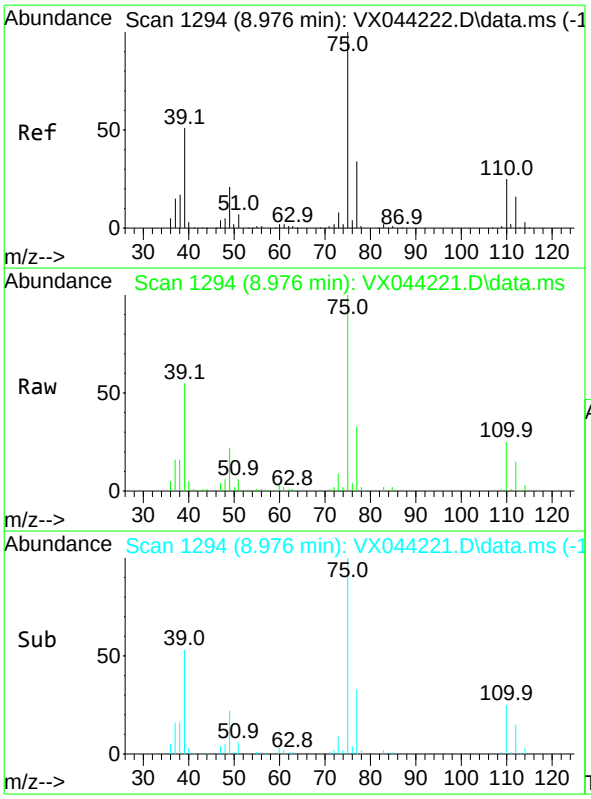


#52
Toluene
Concen: 19.113 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 92 Resp: 82934

Ion	Ratio	Lower	Upper
92	100		
91	172.9	137.0	205.6

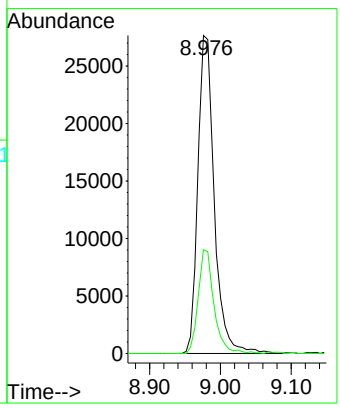




#53
t-1,3-Dichloropropene
Concen: 18.785 ug/l
RT: 8.976 min Scan# 12
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 75 Resp: 44614

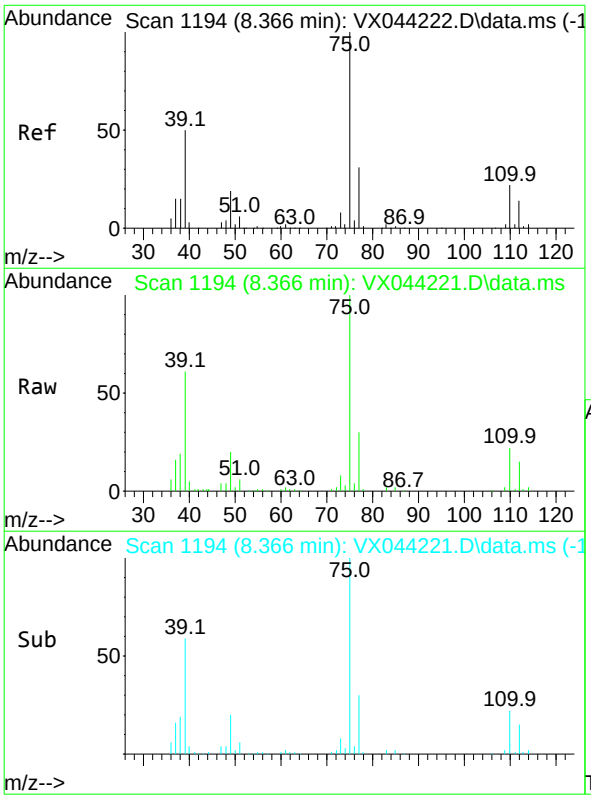
Ion	Ratio	Lower	Upper
75	100		
77	32.6	27.2	40.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

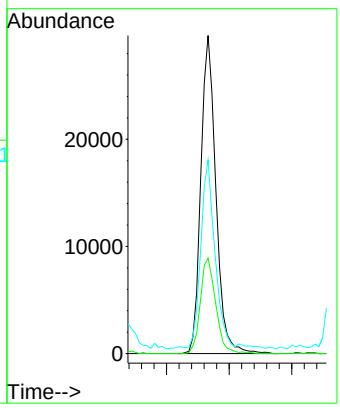
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

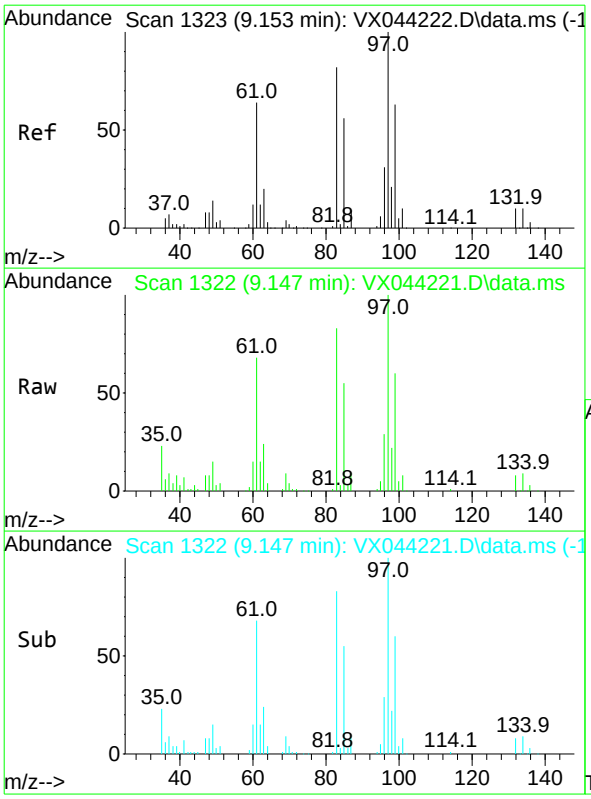


#54
cis-1,3-Dichloropropene
Concen: 19.258 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 75 Resp: 49596

Ion	Ratio	Lower	Upper
75	100		
77	30.0	24.7	37.1
39	59.4	40.3	60.5

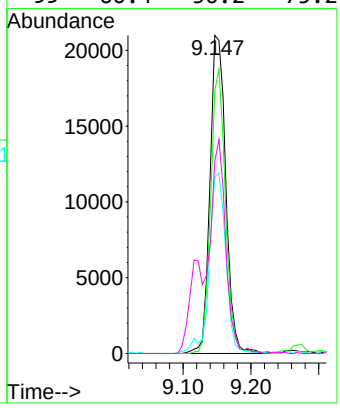




#55
1,1,2-Trichloroethane
Concen: 19.732 ug/l
RT: 9.147 min Scan# 13
Delta R.T. -0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 97 Resp: 34013

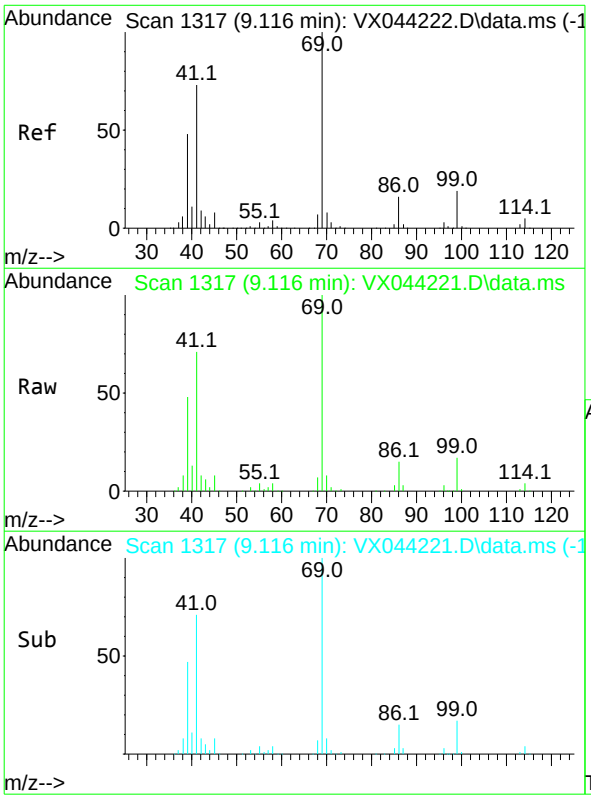
Ion	Ratio	Lower	Upper
97	100		
83	82.6	65.3	97.9
85	55.3	44.6	67.0
99	60.4	50.2	75.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

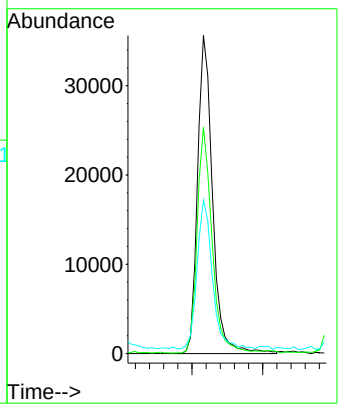
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

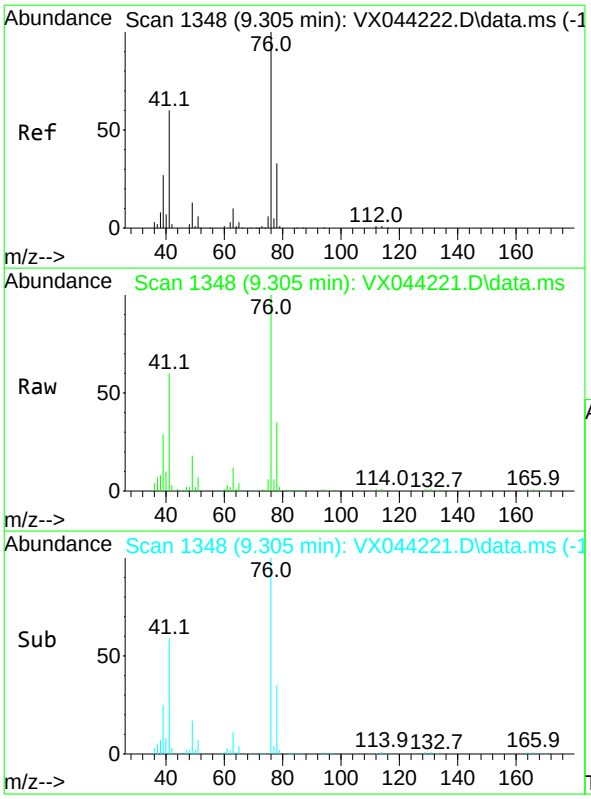


#56
Ethyl methacrylate
Concen: 19.318 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 69 Resp: 52571

Ion	Ratio	Lower	Upper
69	100		
41	70.3	56.6	85.0
39	47.8	37.4	56.0

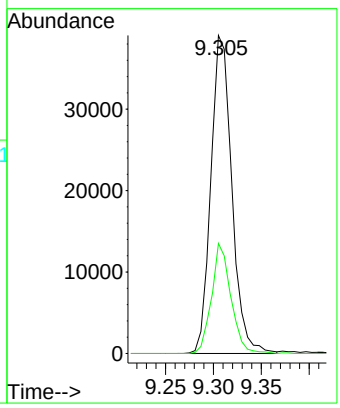




#57
1,3-Dichloropropane
Concen: 19.827 ug/l
RT: 9.305 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 76 Resp: 59489

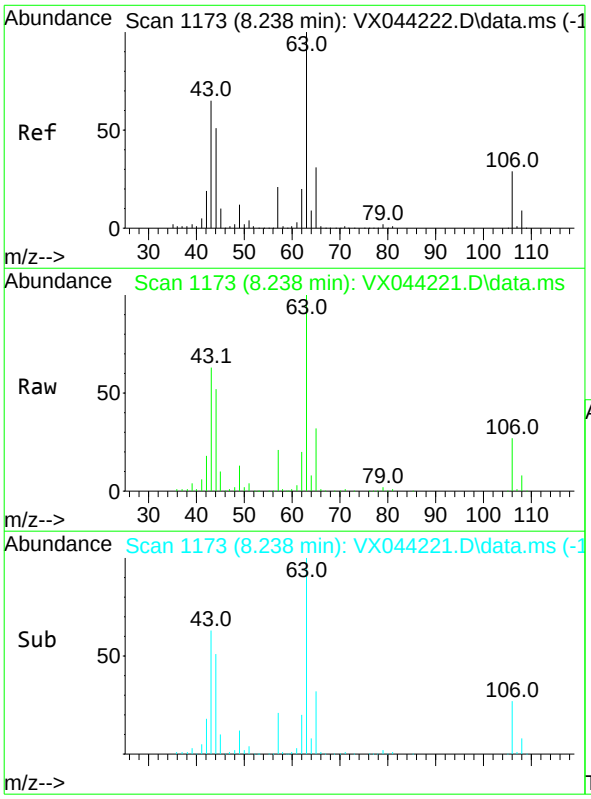
Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

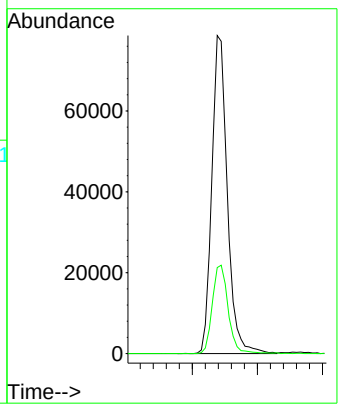
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

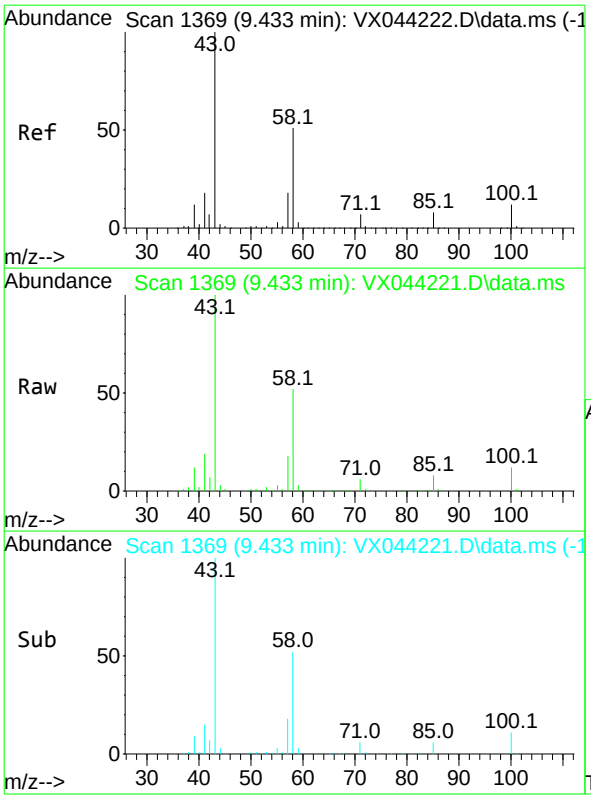


#58
2-Chloroethyl Vinyl ether
Concen: 94.642 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 63 Resp: 129900

Ion	Ratio	Lower	Upper
63	100		
106	28.4	22.8	34.2

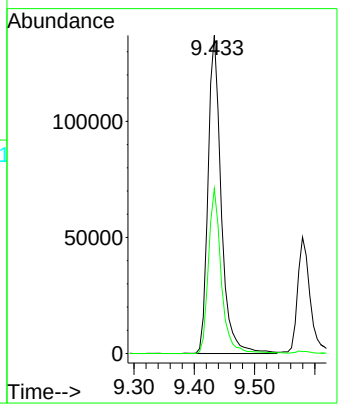




#59
2-Hexanone
Concen: 101.440 ug/l
RT: 9.433 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 43 Resp: 207578

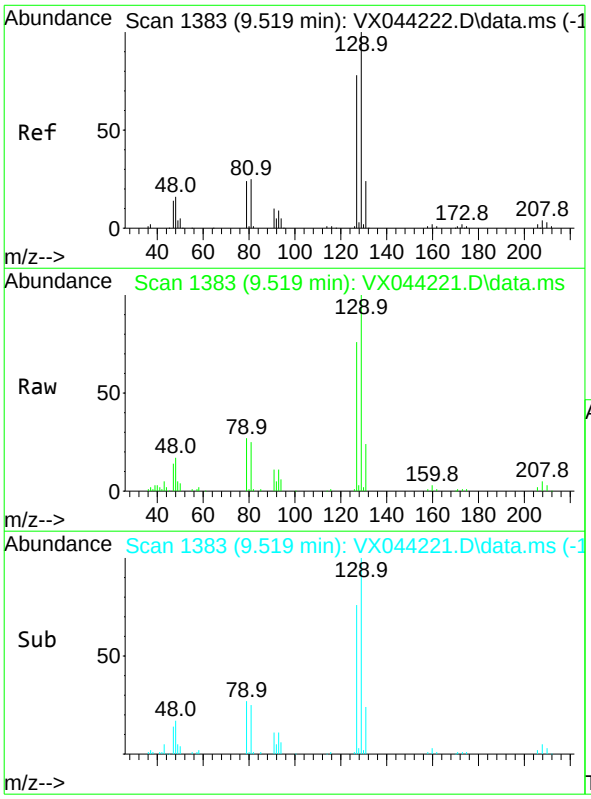
Ion	Ratio	Lower	Upper
43	100		
58	50.4	25.7	77.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

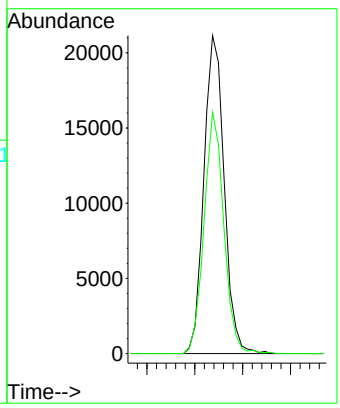
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

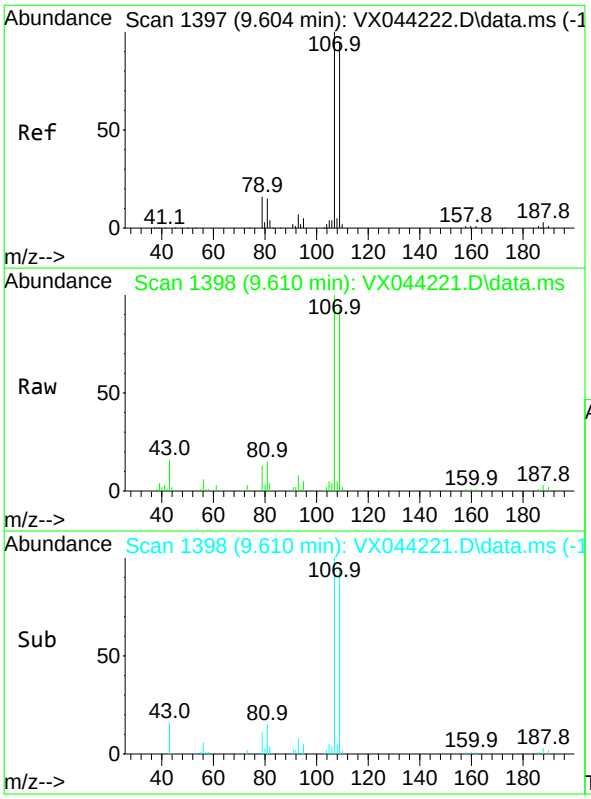


#60
Dibromochloromethane
Concen: 18.318 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:129 Resp: 31066

Ion	Ratio	Lower	Upper
129	100		
127	74.1	38.5	115.3

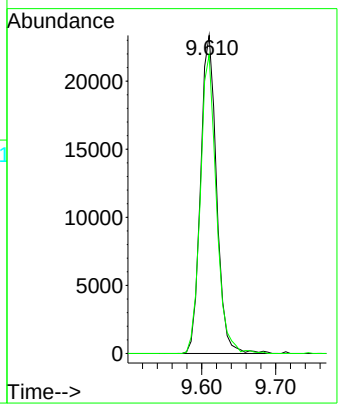




#61
1,2-Dibromoethane
Concen: 19.935 ug/l
RT: 9.610 min Scan# 13
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:107 Resp: 34978

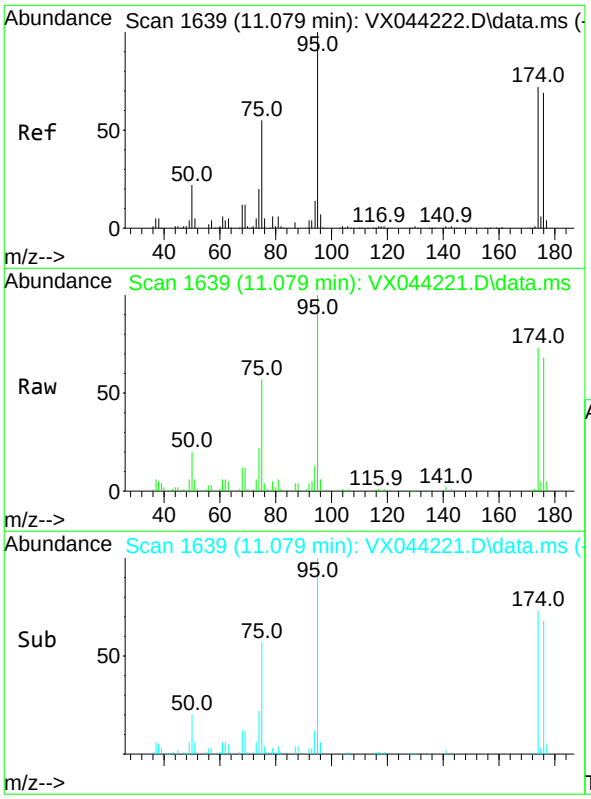
Ion	Ratio	Lower	Upper
107	100		
109	94.4	77.0	115.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

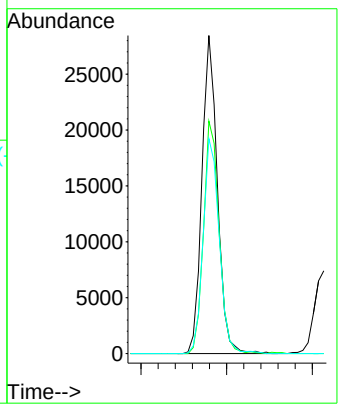
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

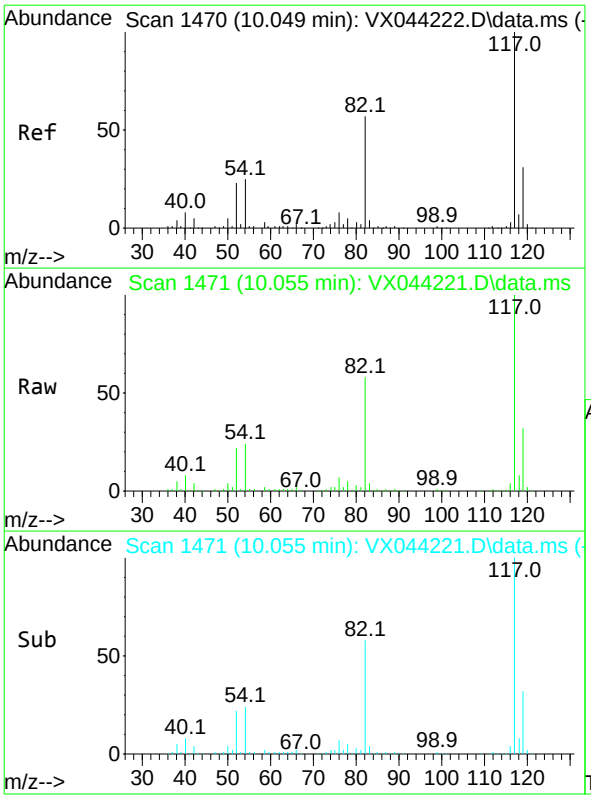


#62
4-Bromofluorobenzene
Concen: 17.175 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 95 Resp: 35645

Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	145.8
176	70.5	0.0	137.8

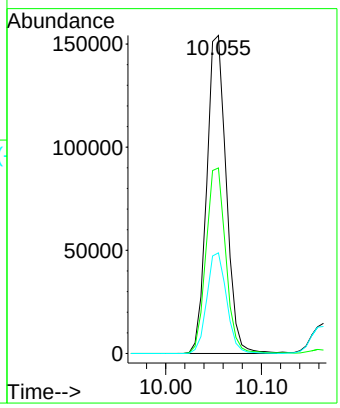




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:117 Resp: 218148

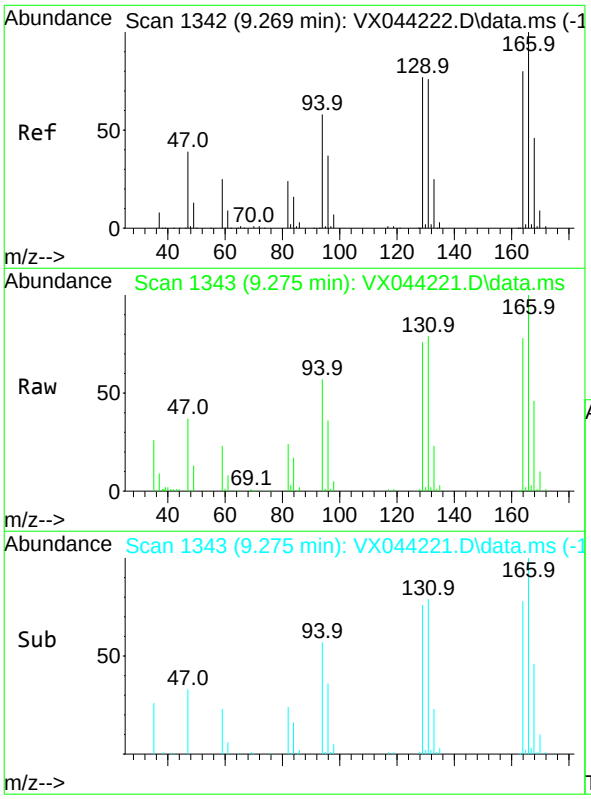
Ion	Ratio	Lower	Upper
117	100		
82	58.3	45.8	68.8
119	31.6	25.0	37.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

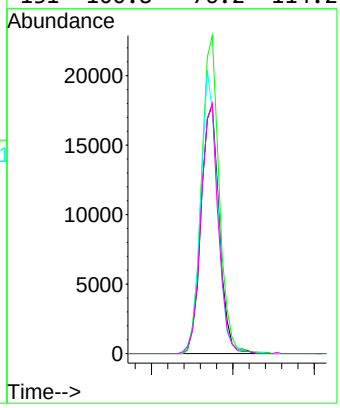
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

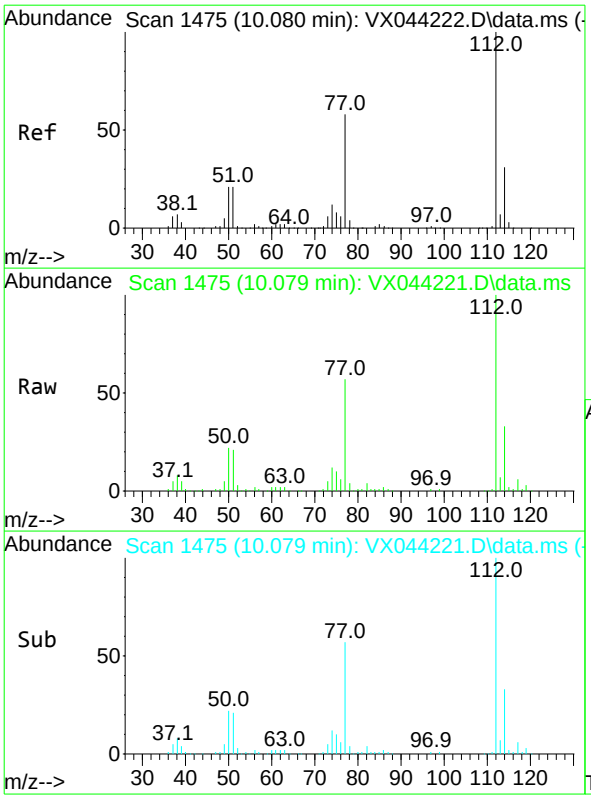


#64
Tetrachloroethene
Concen: 19.133 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:164 Resp: 27702

Ion	Ratio	Lower	Upper
164	100		
166	128.0	100.4	150.6
129	97.5	77.2	115.8
131	100.8	76.2	114.2

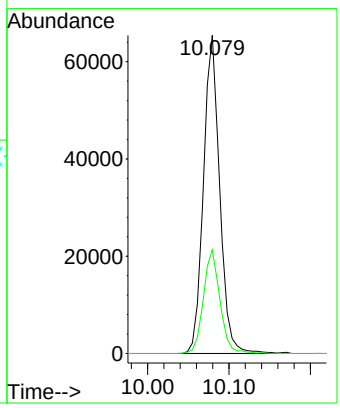




#65
Chlorobenzene
Concen: 19.389 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:112 Resp: 90631

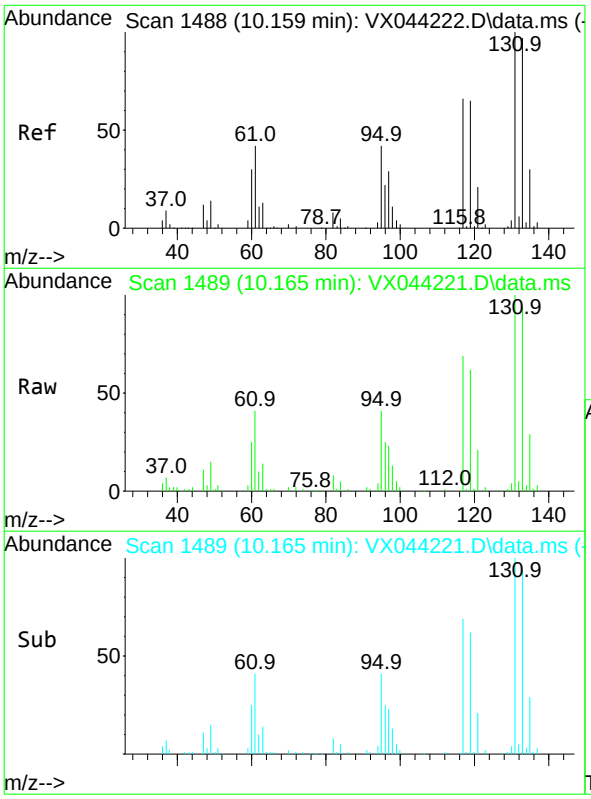
Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

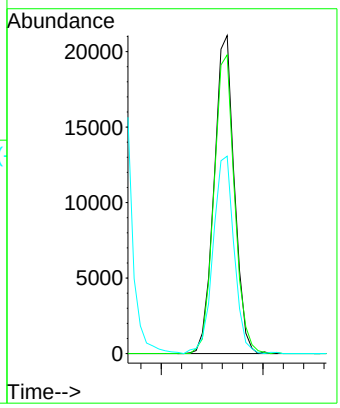
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

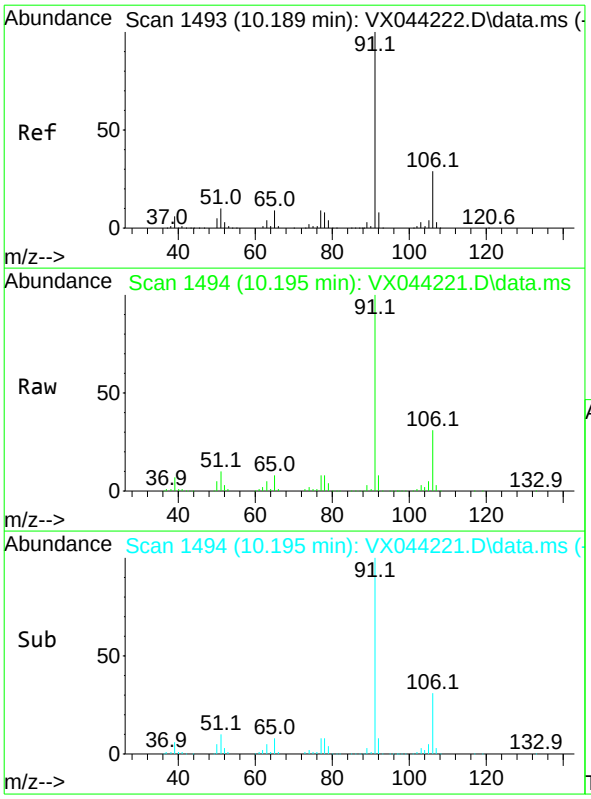


#66
1,1,1,2-Tetrachloroethane
Concen: 19.392 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:131 Resp: 29132

Ion	Ratio	Lower	Upper
131	100		
133	95.8	47.3	141.8
119	64.0	31.6	95.0

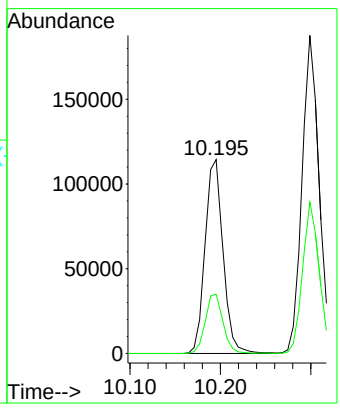




#67
Ethyl Benzene
Concen: 19.619 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 91 Resp: 158455

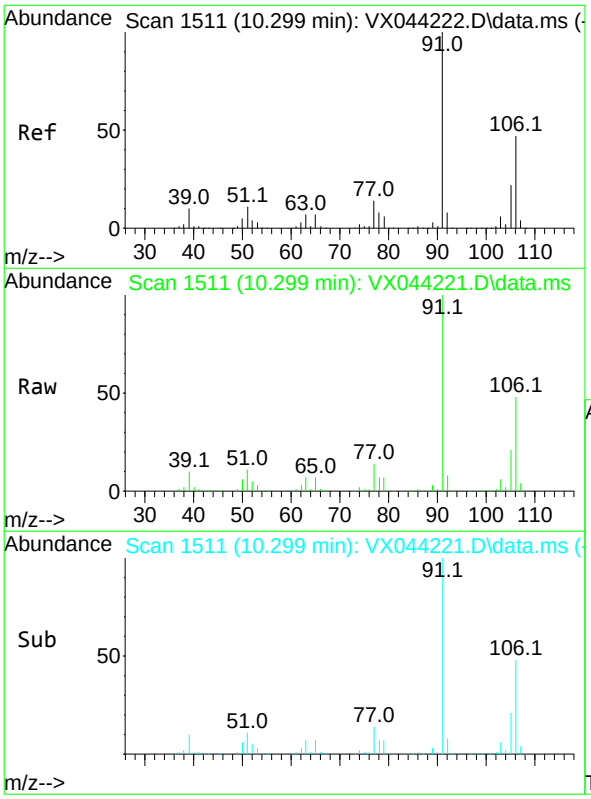
Ion	Ratio	Lower	Upper
91	100		
106	30.6	23.5	35.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

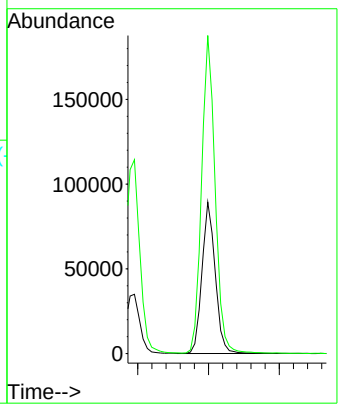
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

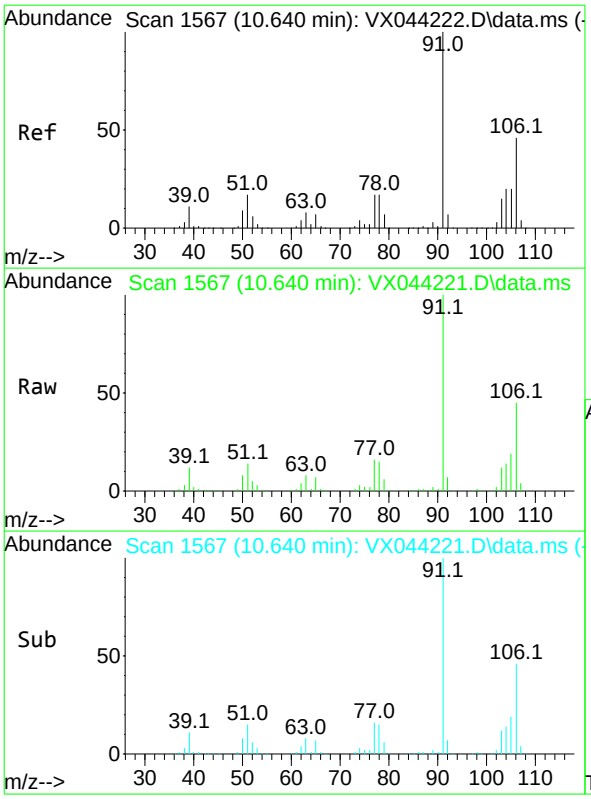


#68
m/p-Xylenes
Concen: 39.183 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:106 Resp: 116126

Ion	Ratio	Lower	Upper
106	100		
91	215.5	170.2	255.2

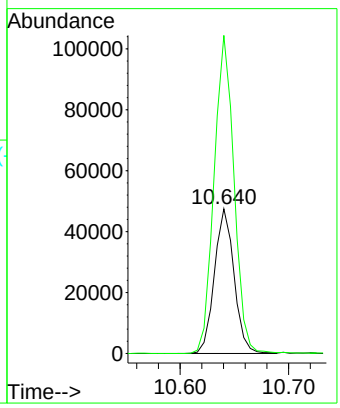




#69
o-Xylene
Concen: 19.938 ug/l
RT: 10.640 min Scan# 15
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:106 Resp: 59787

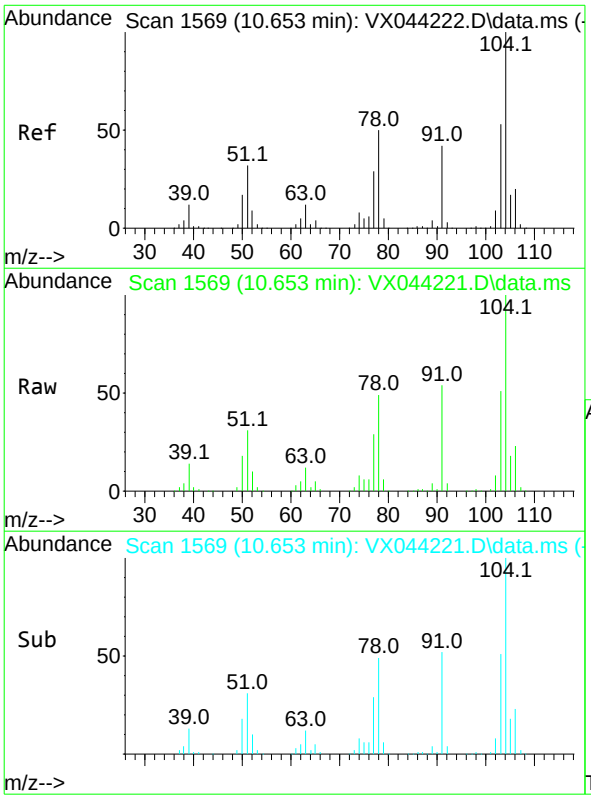
Ion	Ratio	Lower	Upper
106	100		
91	223.6	112.3	337.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

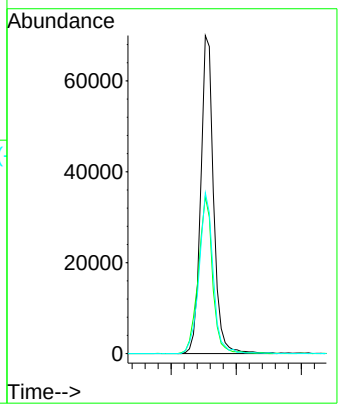
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

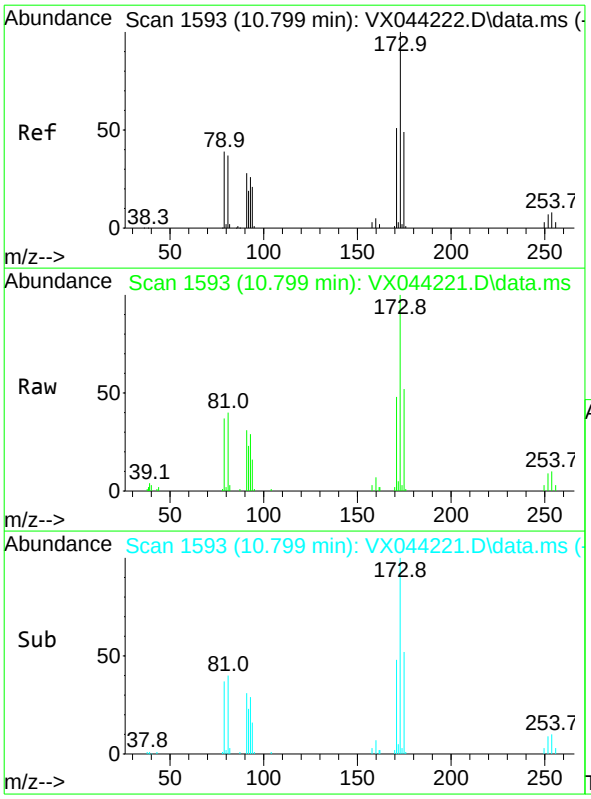


#70
Styrene
Concen: 19.946 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:104 Resp: 95883

Ion	Ratio	Lower	Upper
104	100		
78	54.7	44.6	67.0
103	55.2	45.4	68.0

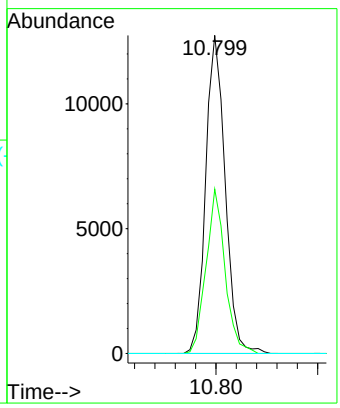




#71
Bromoform
Concen: 18.112 ug/l
RT: 10.799 min Scan# 15
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:173 Resp: 16924

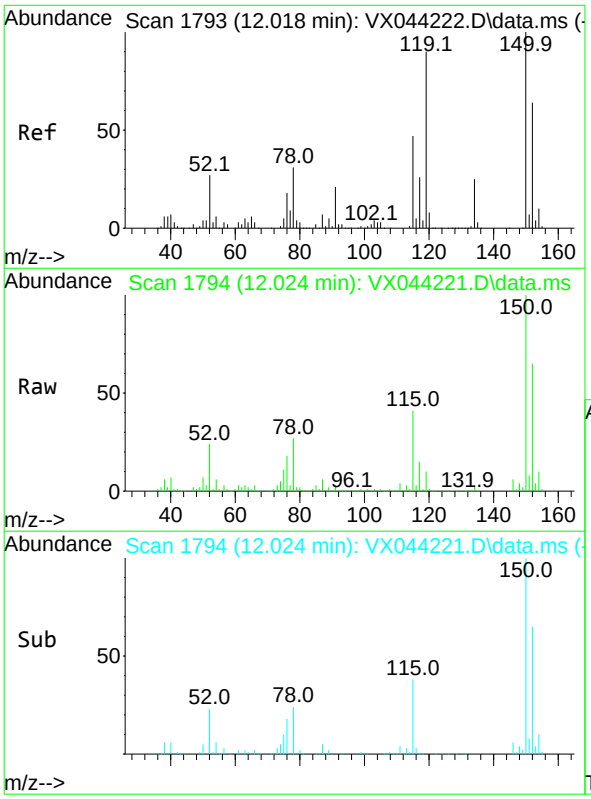
Ion	Ratio	Lower	Upper
173	100		
175	50.5	23.8	71.4
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

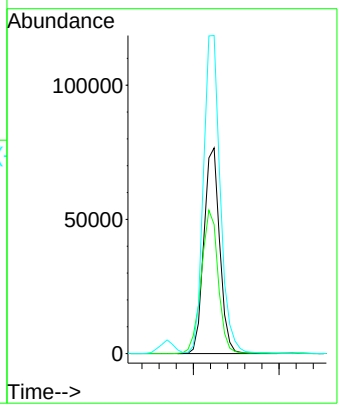
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

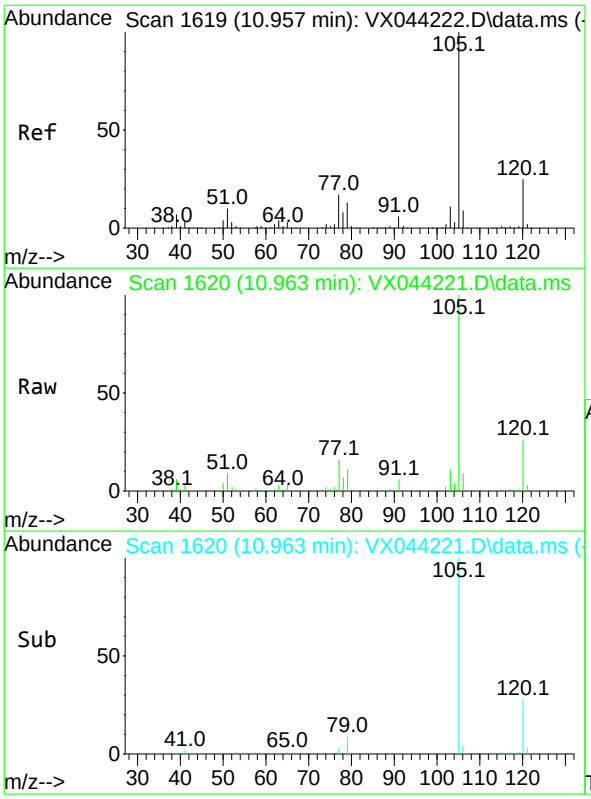


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:152 Resp: 98180

Ion	Ratio	Lower	Upper
152	100		
115	74.8	44.5	133.3
150	164.2	0.0	353.8

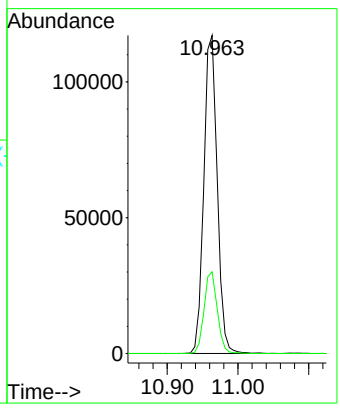




#73
Isopropylbenzene
Concen: 20.481 ug/l
RT: 10.963 min Scan# 16
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:105 Resp: 153935

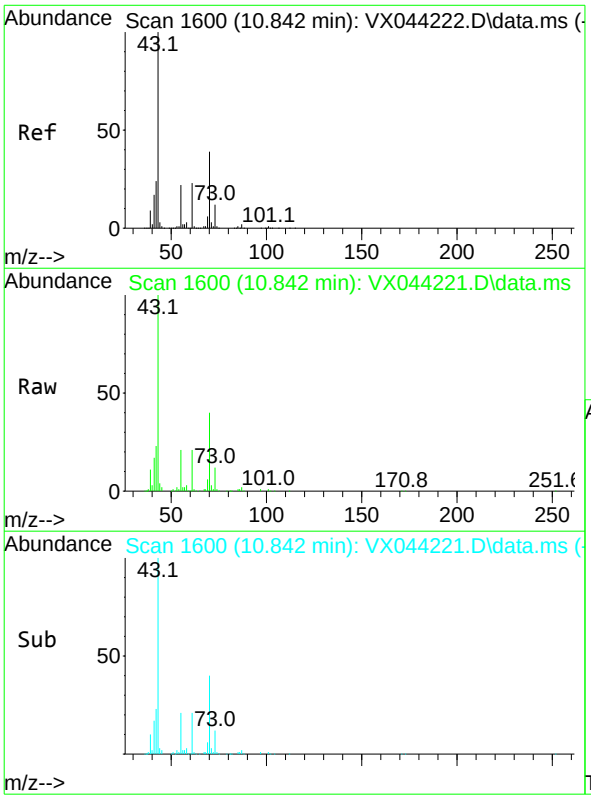
Ion	Ratio	Lower	Upper
105	100		
120	25.3	13.1	39.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

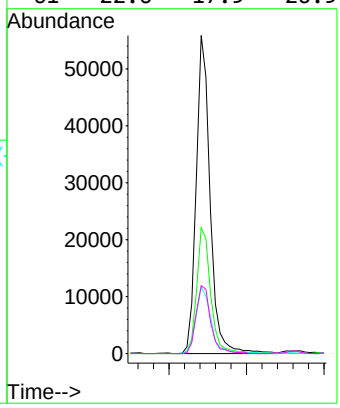
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

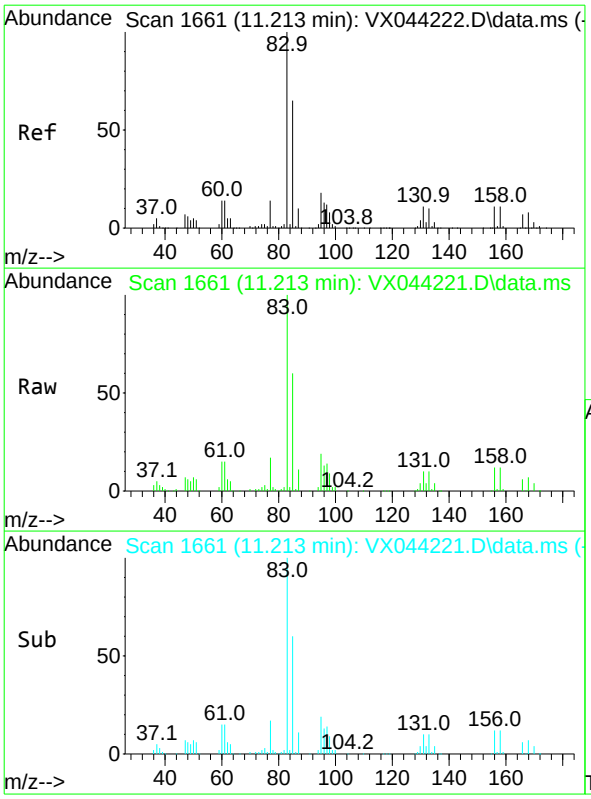


#74
N-amyl acetate
Concen: 20.049 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 43 Resp: 69643

Ion	Ratio	Lower	Upper
43	100		
70	39.8	31.9	47.9
55	22.8	17.9	26.9
61	22.6	17.9	26.9

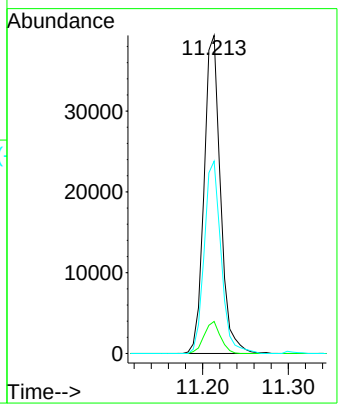




#75
1,1,2,2-Tetrachloroethane
Concen: 20.039 ug/l
RT: 11.213 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 83 Resp: 52312

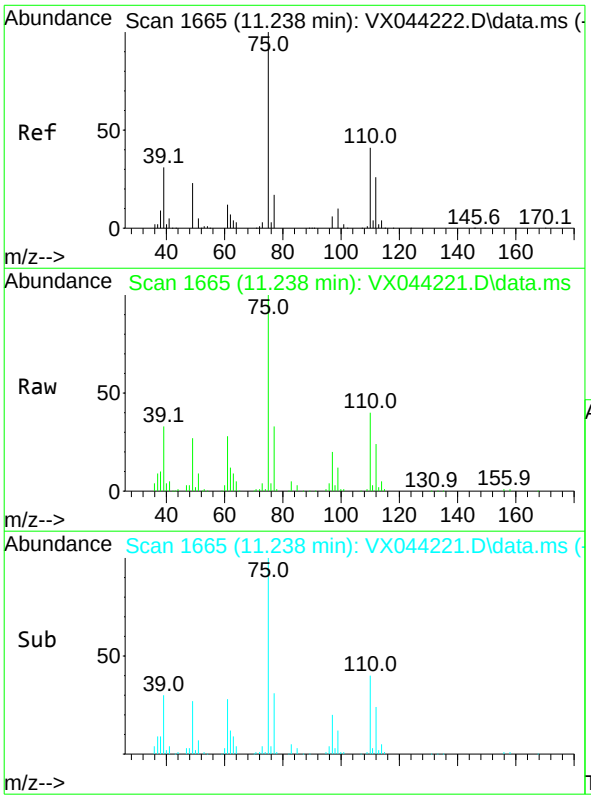
Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.1	15.4
85	62.1	32.5	97.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

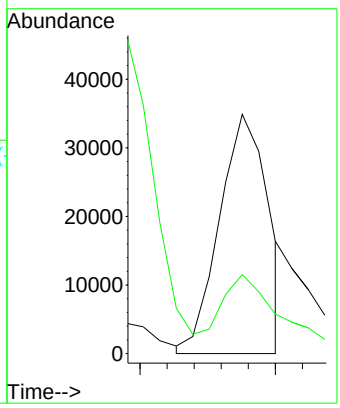
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

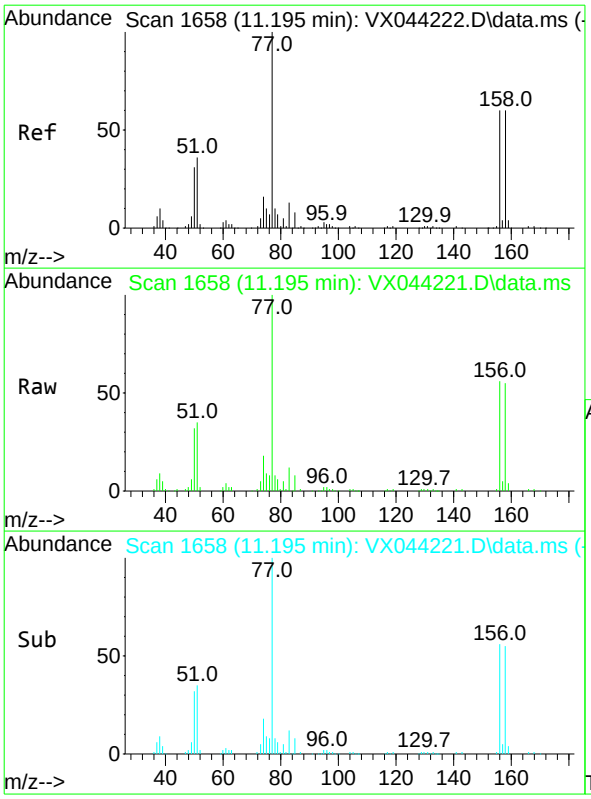


#76
1,2,3-Trichloropropane
Concen: 19.627 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 75 Resp: 43726

Ion	Ratio	Lower	Upper
75	100		
77	42.1	20.9	62.7

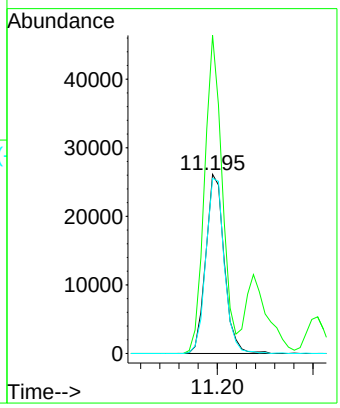




#77
Bromobenzene
Concen: 19.176 ug/l
RT: 11.195 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:156 Resp: 34951

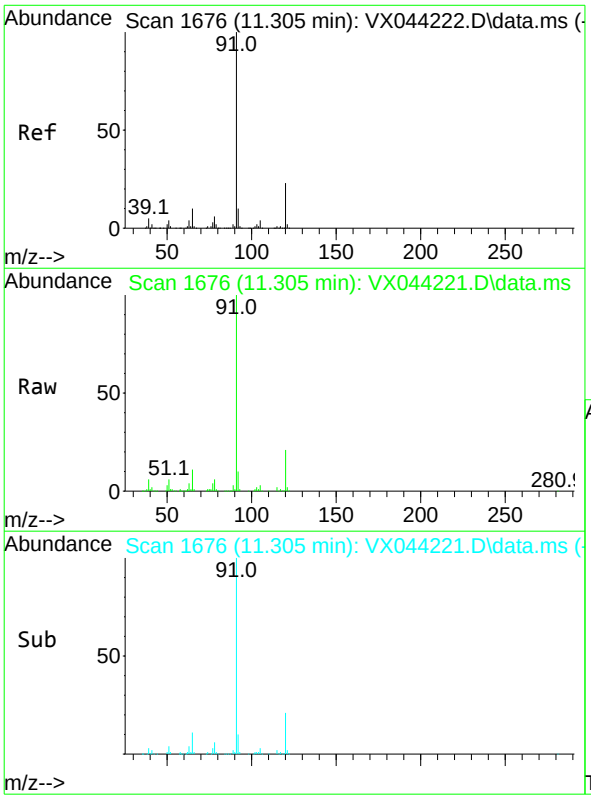
Ion	Ratio	Lower	Upper
156	100		
77	169.4	82.6	247.8
158	98.1	48.8	146.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

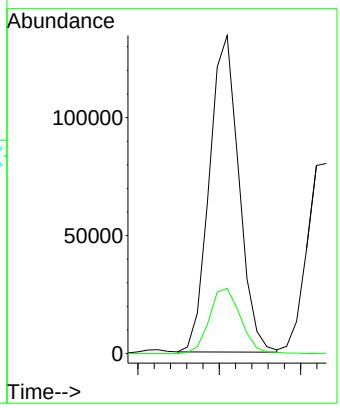
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

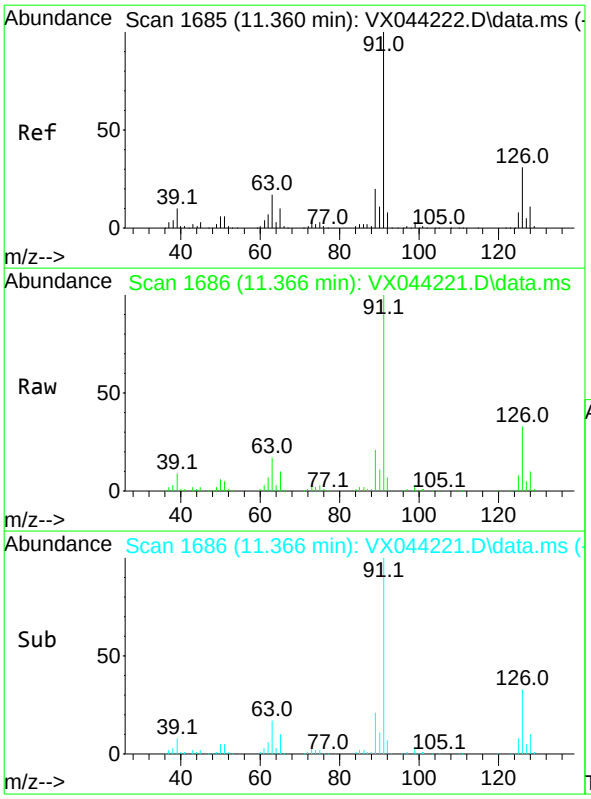


#78
n-propylbenzene
Concen: 20.419 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 91 Resp: 169622

Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.0	33.0

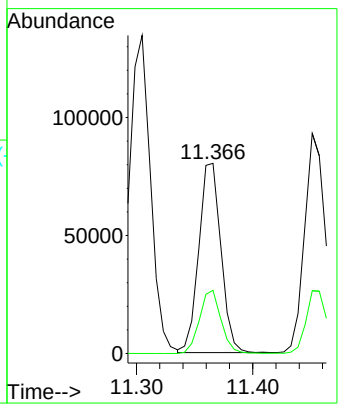




#79
2-Chlorotoluene
Concen: 19.788 ug/l
RT: 11.366 min Scan# 16
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 91 Resp: 106310

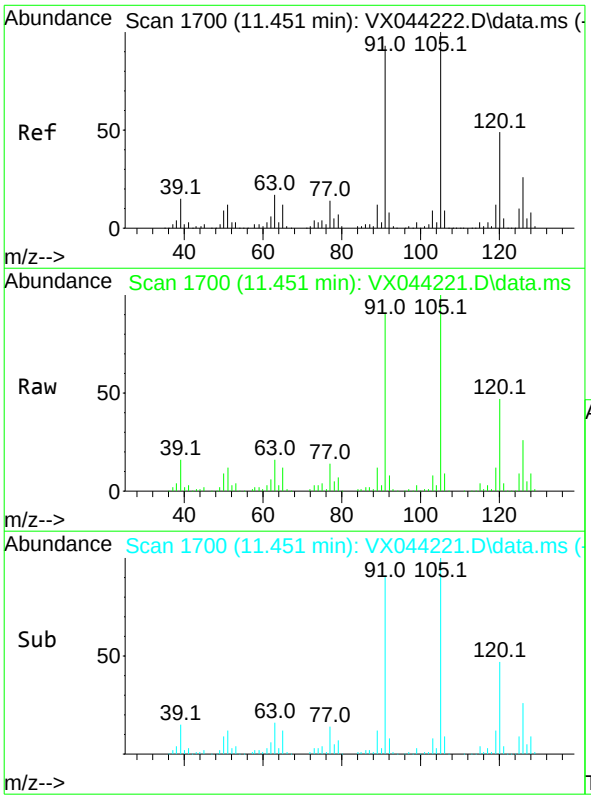
Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

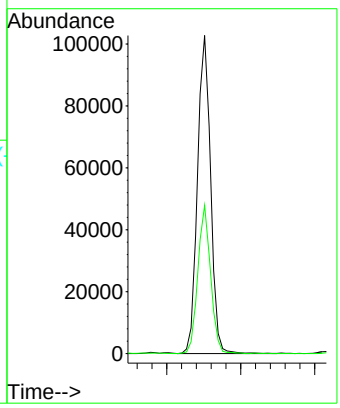
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

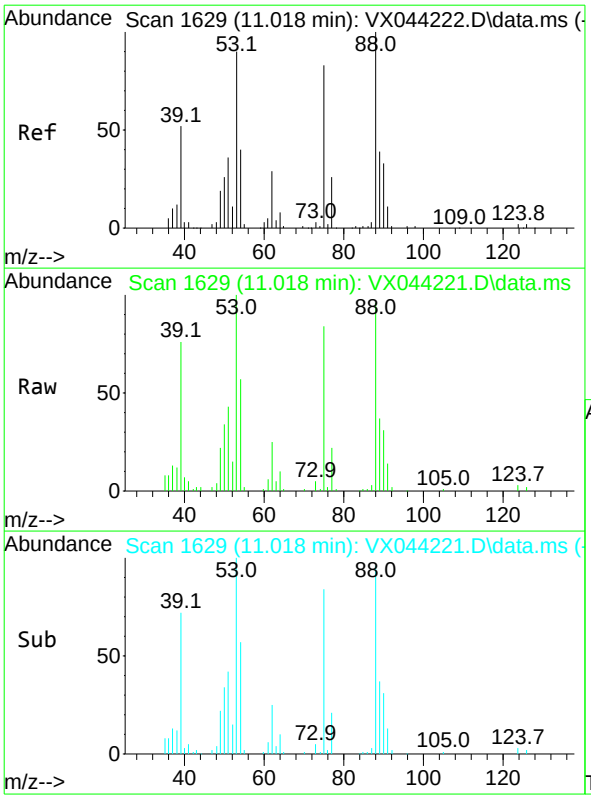


#80
1,3,5-Trimethylbenzene
Concen: 20.315 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:105 Resp: 126626

Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.8	71.4

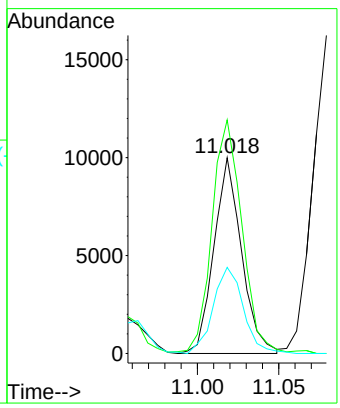




#81
trans-1,4-Dichloro-2-butene
Concen: 19.264 ug/l
RT: 11.018 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 75 Resp: 11784

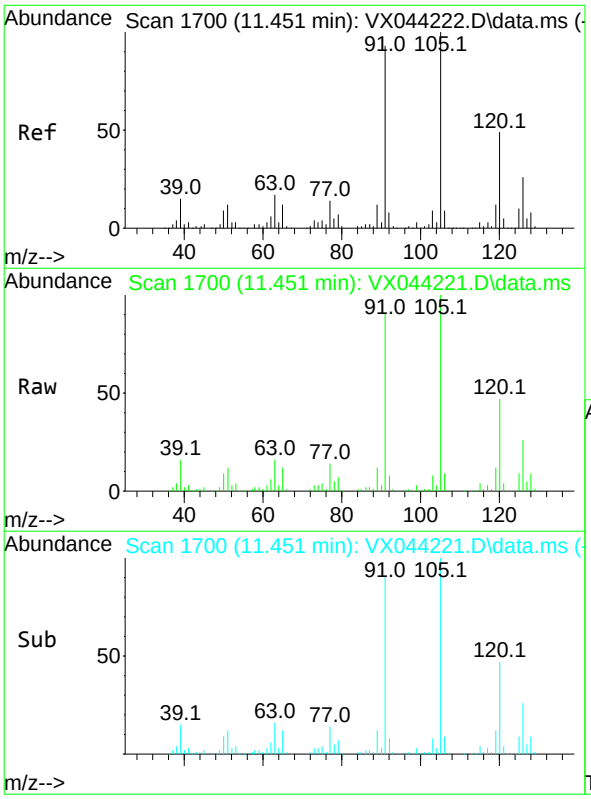
Ion	Ratio	Lower	Upper
75	100		
53	130.8	93.6	140.4
89	48.1	37.3	55.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

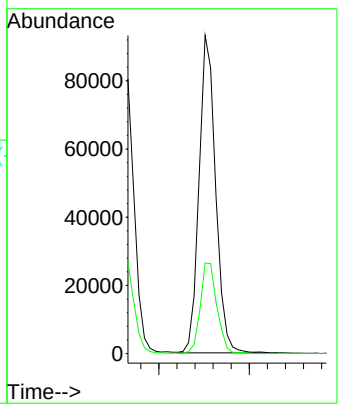
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

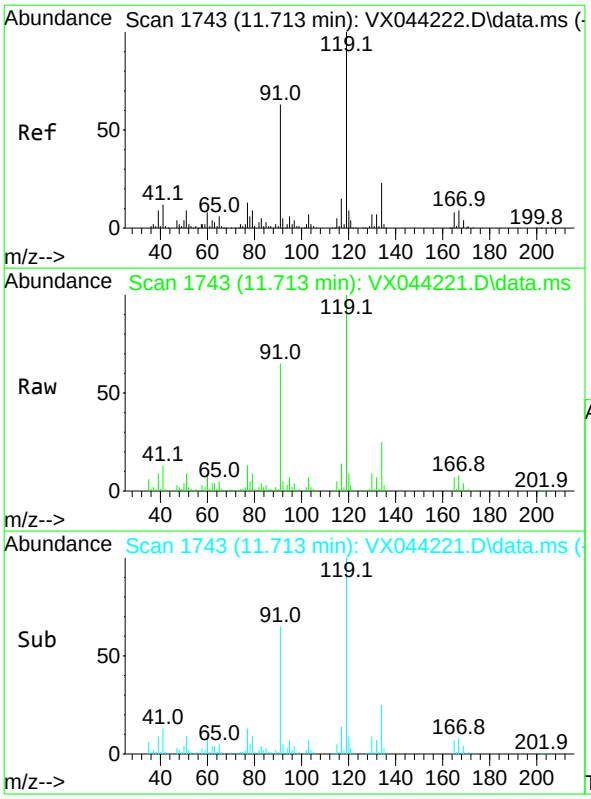


#82
4-Chlorotoluene
Concen: 19.886 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 91 Resp: 118309

Ion	Ratio	Lower	Upper
91	100		
126	28.9	14.5	43.5

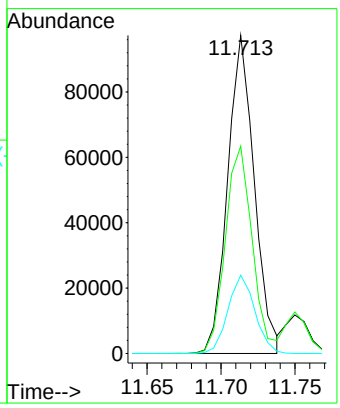




#83
tert-Butylbenzene
Concen: 19.794 ug/l
RT: 11.713 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:119 Resp: 121929

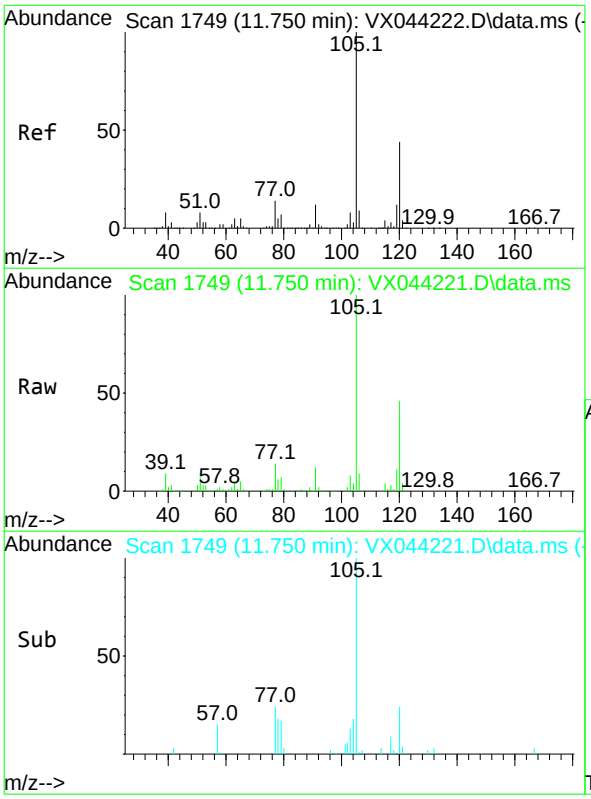
Ion	Ratio	Lower	Upper
119	100		
91	66.0	30.9	92.5
134	24.8	11.5	34.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

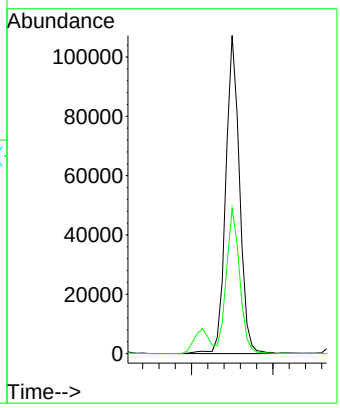
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

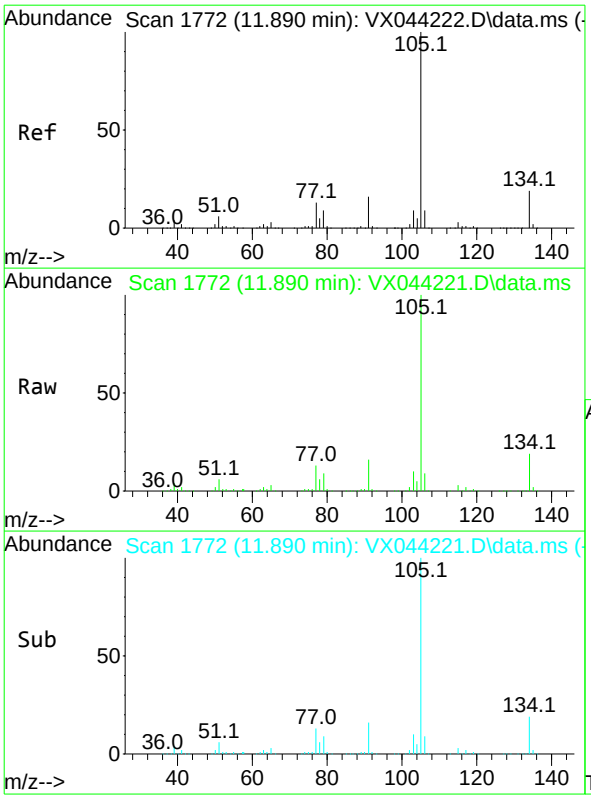


#84
1,2,4-Trimethylbenzene
Concen: 20.574 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:105 Resp: 125939

Ion	Ratio	Lower	Upper
105	100		
120	43.8	21.7	65.1

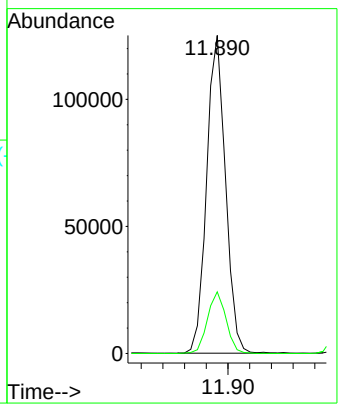




#85
sec-Butylbenzene
Concen: 20.165 ug/l
RT: 11.890 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:105 Resp: 150795

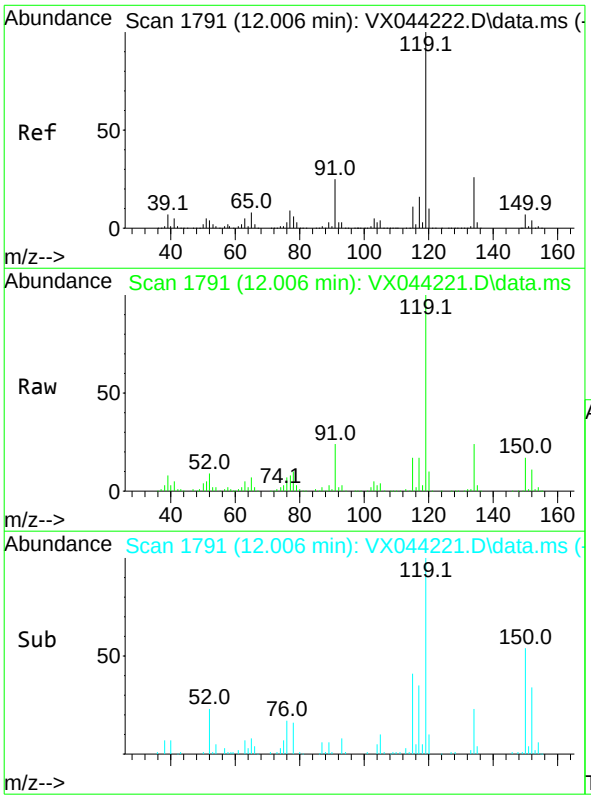
Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.8	29.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

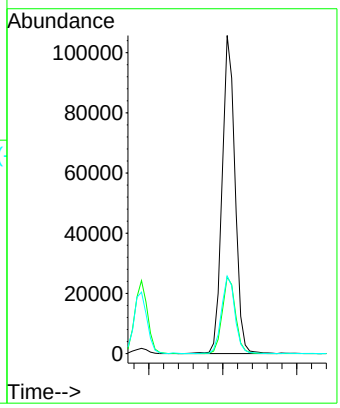
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

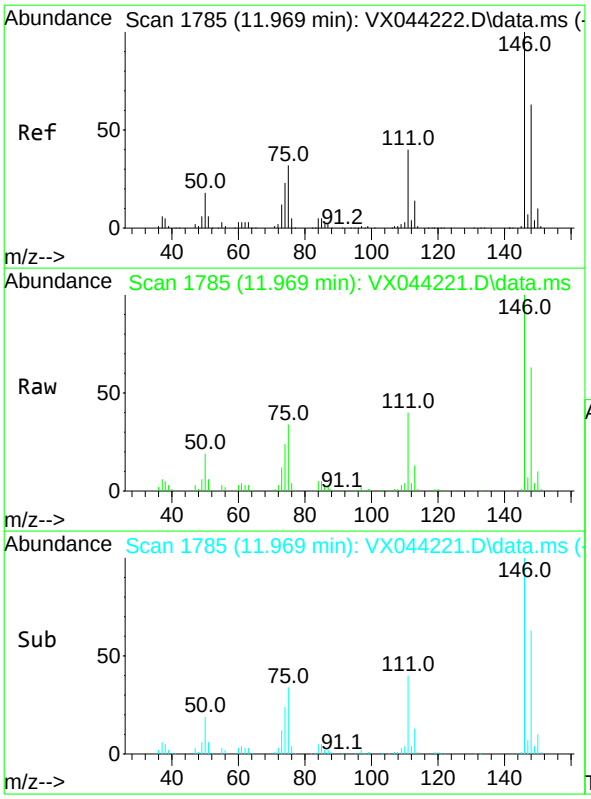


#86
p-Isopropyltoluene
Concen: 20.532 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:119 Resp: 127790

Ion	Ratio	Lower	Upper
119	100		
134	24.6	12.8	38.4
91	25.4	13.0	39.0

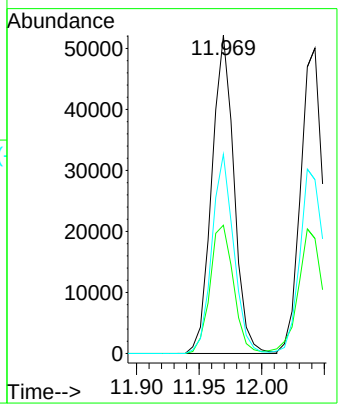




#87
1,3-Dichlorobenzene
Concen: 20.228 ug/l
RT: 11.969 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:146 Resp: 64399

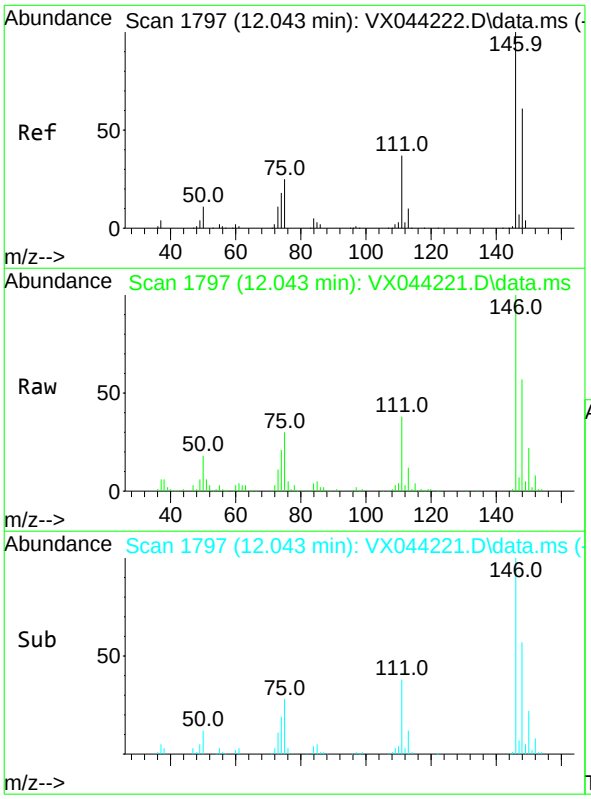
Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.4	64.2
148	61.4	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

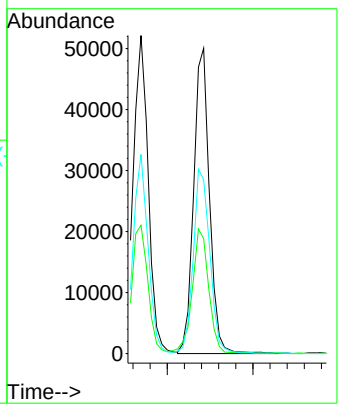
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

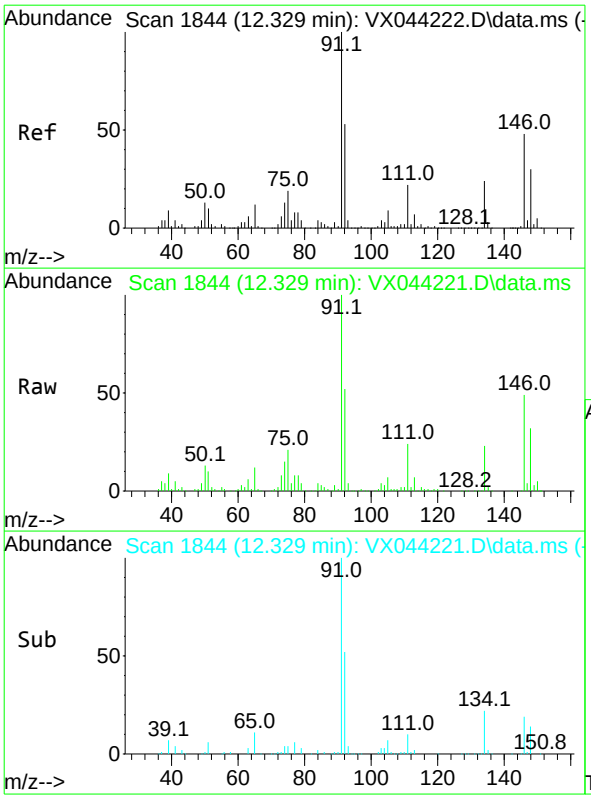


#88
1,4-Dichlorobenzene
Concen: 19.588 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:146 Resp: 64106

Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.0	63.0
148	63.2	32.3	96.8

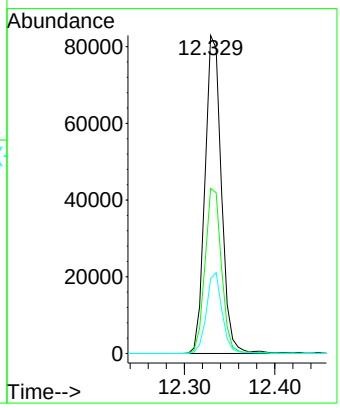




#89
n-Butylbenzene
Concen: 19.950 ug/l
RT: 12.329 min Scan# 18
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 91 Resp: 104410

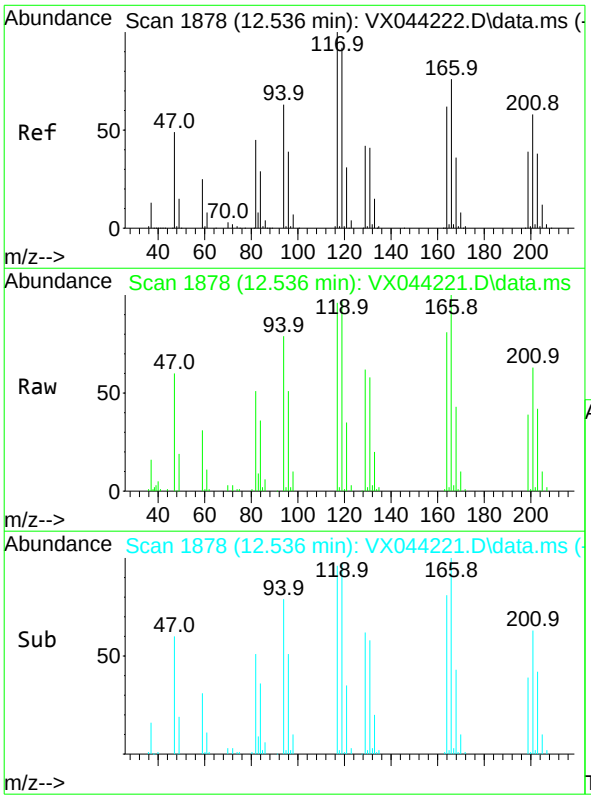
Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.6	79.7
134	24.4	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

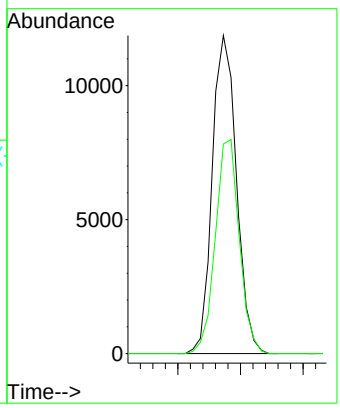
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

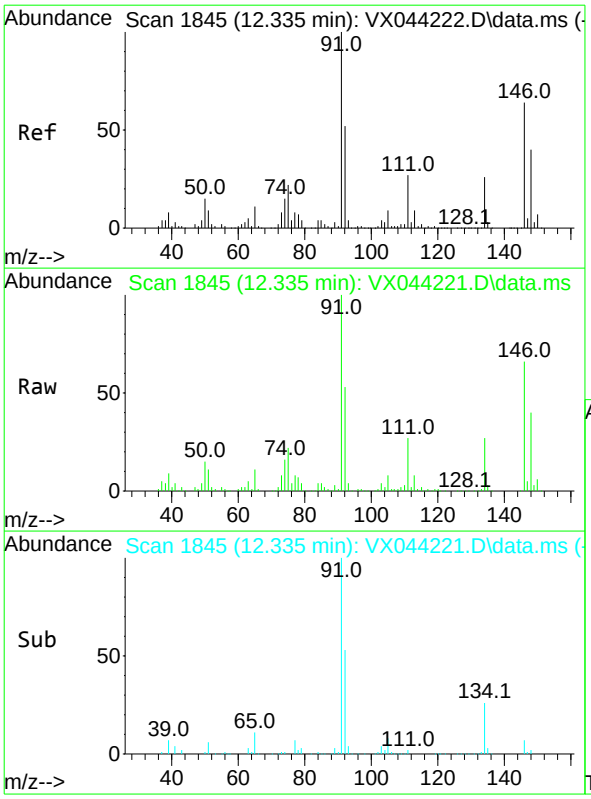


#90
Hexachloroethane
Concen: 17.543 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:117 Resp: 15939

Ion	Ratio	Lower	Upper
117	100		
201	66.8	31.4	94.2

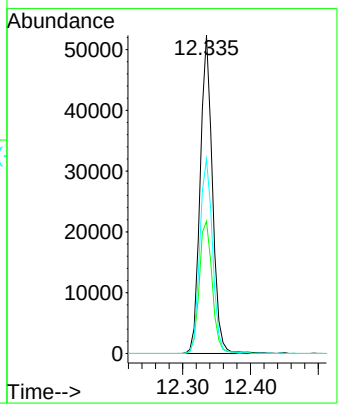




#91
1,2-Dichlorobenzene
Concen: 19.817 ug/l
RT: 12.335 min Scan# 18
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:146 Resp: 65511

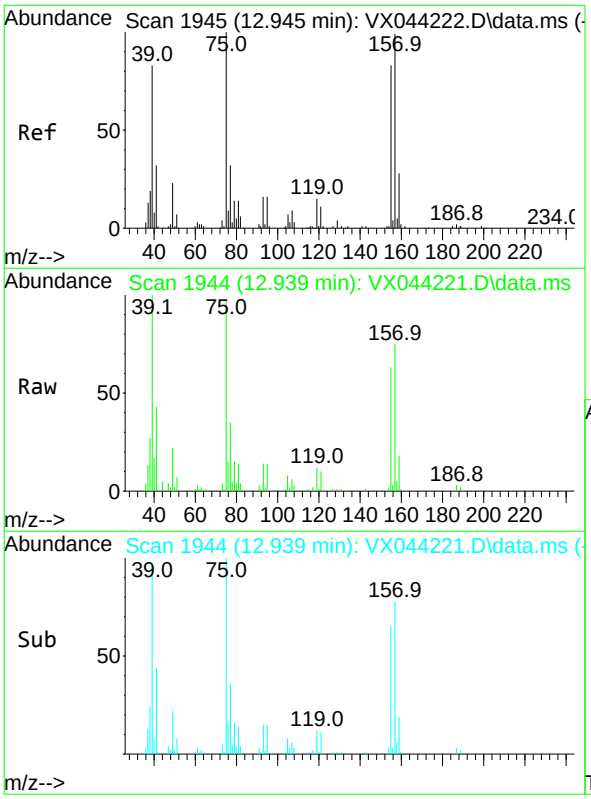
Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.4	64.3
148	63.5	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

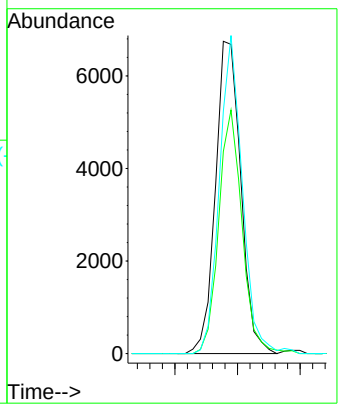
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

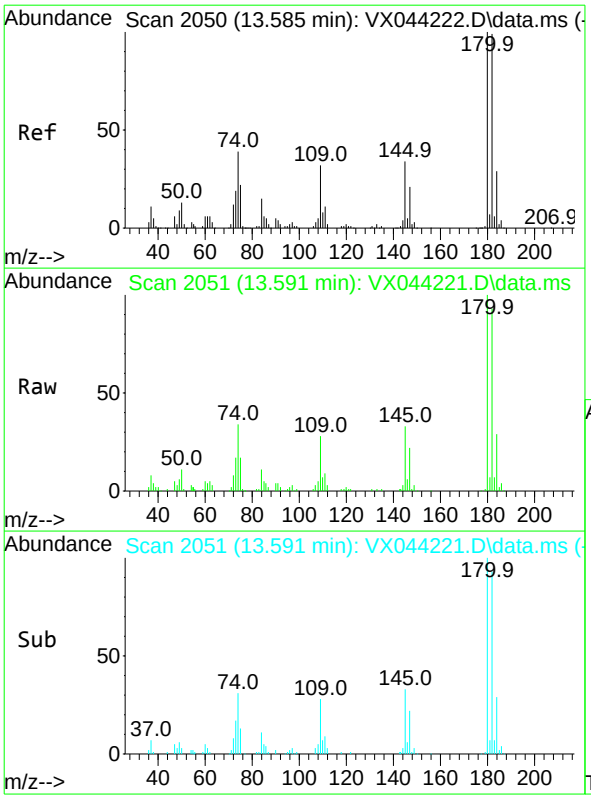


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.683 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 75 Resp: 9468

Ion	Ratio	Lower	Upper
75	100		
155	72.1	38.1	114.3
157	92.2	47.2	141.6

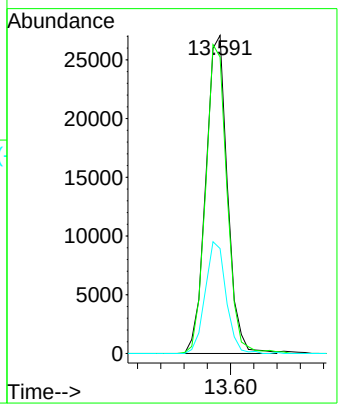




#93
1,2,4-Trichlorobenzene
Concen: 19.313 ug/l
RT: 13.591 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:180 Resp: 35001

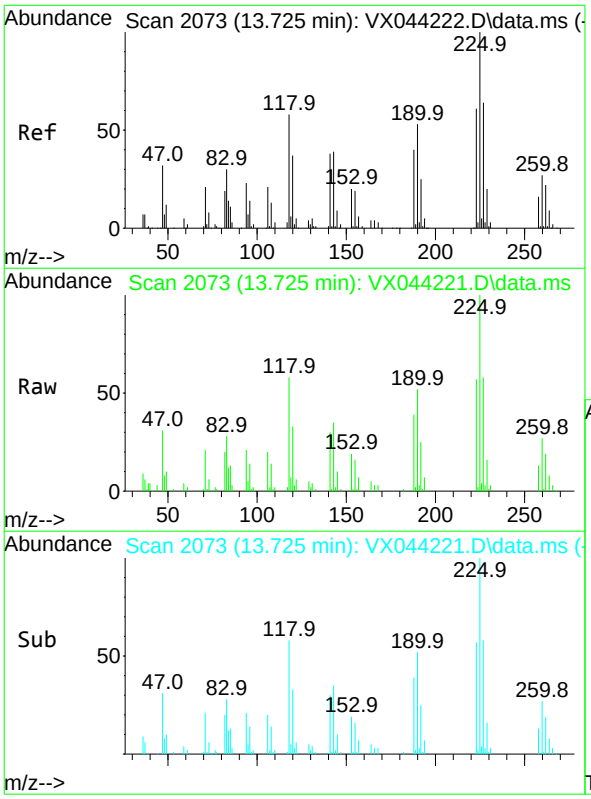
Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.0	144.2
145	33.9	16.6	49.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

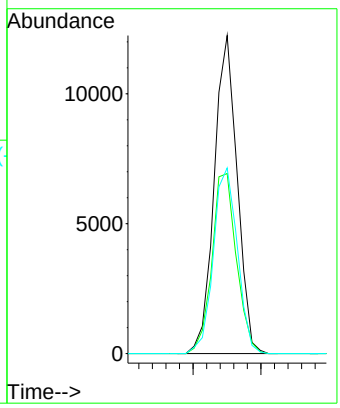
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

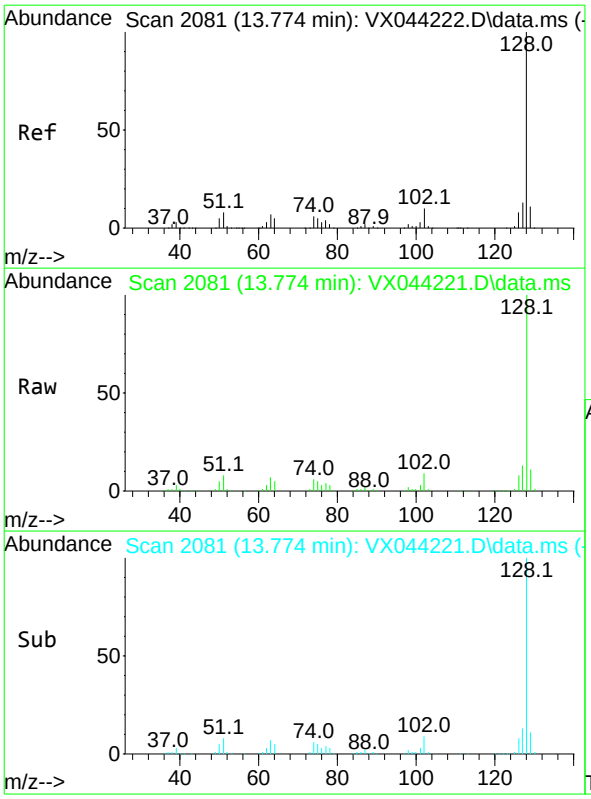


#94
Hexachlorobutadiene
Concen: 19.774 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:225 Resp: 14415

Ion	Ratio	Lower	Upper
225	100		
223	60.5	30.8	92.4
227	60.9	32.1	96.3

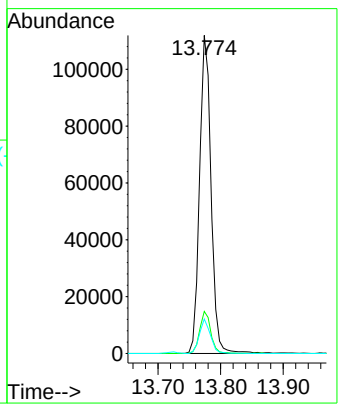




#95
Naphthalene
Concen: 20.146 ug/l
RT: 13.774 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:128 Resp: 142515

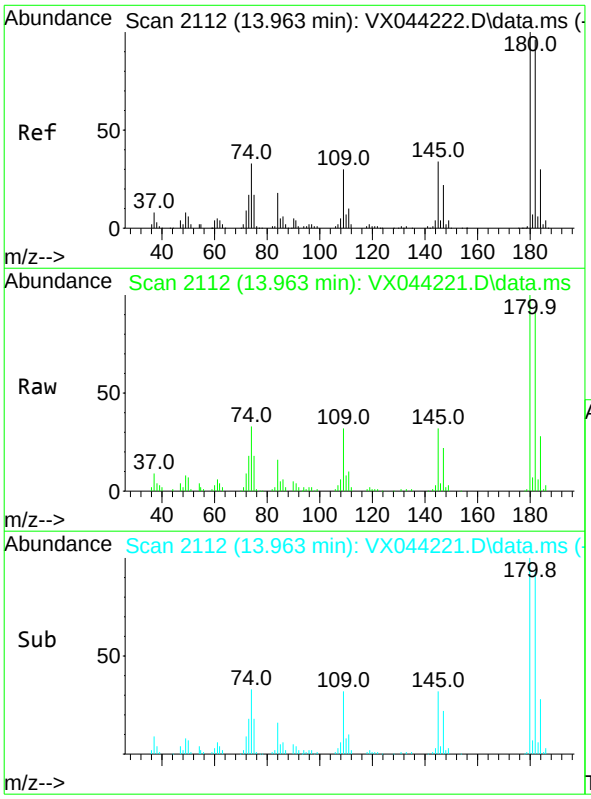
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.4	9.0	13.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

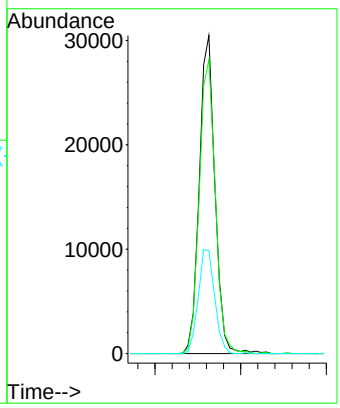
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#96
1,2,3-Trichlorobenzene
Concen: 20.101 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:180 Resp: 38639

Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.0	144.0
145	34.3	17.7	53.1



ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044222.D
Acq On : 11 Dec 2024 12:14
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 12 04:15:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	125713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	233488	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	205196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	95227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	115815	52.544	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.080%			
35) Dibromofluoromethane	5.385	113	85656	52.968	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.940%			
50) Toluene-d8	8.647	98	292199	53.559	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.120%			
62) 4-Bromofluorobenzene	11.079	95	103178	54.123	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	99052	50.957	ug/l	100
3) Chloromethane	1.295	50	94981	51.097	ug/l	100
4) Vinyl Chloride	1.374	62	98852	51.045	ug/l	100
5) Bromomethane	1.593	94	69250	50.405	ug/l	100
6) Chloroethane	1.666	64	66862	55.448	ug/l	100
7) Trichlorofluoromethane	1.868	101	193676	51.086	ug/l	100
8) Diethyl Ether	2.136	74	64542	49.875	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.313	101	77275	50.371	ug/l	100
10) Methyl Iodide	2.441	142	106509	52.678	ug/l	100
11) Tert butyl alcohol	2.995	59	75690m	244.039	ug/l	
12) 1,1-Dichloroethene	2.307	96	74884	53.143	ug/l	100
13) Acrolein	2.239	56	116171	258.347	ug/l	100
14) Allyl chloride	2.654	41	126925	54.079	ug/l	100
15) Acrylonitrile	3.069	53	225330	261.859	ug/l	100
16) Acetone	2.392	43	239661	266.704	ug/l	100
17) Carbon Disulfide	2.502	76	144624	53.994	ug/l	100
18) Methyl Acetate	2.709	43	119808	51.710	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	289735	52.691	ug/l	100
20) Methylene Chloride	2.782	84	86593	51.305	ug/l	100
21) trans-1,2-Dichloroethene	3.081	96	77834	51.974	ug/l	100
22) Diisopropyl ether	3.764	45	273039	51.662	ug/l	100
23) Vinyl Acetate	3.721	43	1202044	279.754	ug/l	100
24) 1,1-Dichloroethane	3.605	63	156412	53.093	ug/l	100
25) 2-Butanone	4.562	43	344663	269.797	ug/l	100
26) 2,2-Dichloropropane	4.465	77	131428	54.914	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	97013	51.007	ug/l	100
28) Bromochloromethane	4.898	49	74477	51.555	ug/l	100
29) Tetrahydrofuran	5.007	42	212103	258.669	ug/l	100
30) Chloroform	5.087	83	168864	51.017	ug/l	100
31) Cyclohexane	5.465	56	122841	51.637	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	147834	53.806	ug/l	100
36) 1,1-Dichloropropene	5.690	75	103760	49.638	ug/l	100
37) Ethyl Acetate	4.721	43	135753	52.537	ug/l	100
38) Carbon Tetrachloride	5.672	117	117076	52.023	ug/l	100
39) Methylcyclohexane	7.373	83	129697	51.901	ug/l	100
40) Benzene	6.031	78	329154	51.863	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044222.D
Acq On : 11 Dec 2024 12:14
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 12 04:15:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	70427	51.329	ug/l		100
42) 1,2-Dichloroethane	6.086	62	136309	52.138	ug/l		100
43) Isopropyl Acetate	6.342	43	213891	52.961	ug/l		100
44) Trichloroethene	7.123	130	81542	51.521	ug/l		100
45) 1,2-Dichloropropane	7.428	63	83376	51.420	ug/l		100
46) Dibromomethane	7.580	93	66786	53.092	ug/l		100
47) Bromodichloromethane	7.824	83	118634	54.607	ug/l		100
48) Methyl methacrylate	7.696	41	103726	52.909	ug/l		100
49) 1,4-Dioxane	7.671	88	35263m	1052.498	ug/l		
51) 4-Methyl-2-Pentanone	8.574	43	688666	265.203	ug/l		100
52) Toluene	8.714	92	204738	51.370	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	120007	51.362	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	132286	55.923	ug/l		100
55) 1,1,2-Trichloroethane	9.153	97	83488	52.729	ug/l		100
56) Ethyl methacrylate	9.116	69	134770	53.917	ug/l		100
57) 1,3-Dichloropropane	9.305	76	143044	51.904	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	342592	271.745	ug/l		100
59) 2-Hexanone	9.433	43	512906	272.881	ug/l		100
60) Dibromochloromethane	9.519	129	86352	51.400	ug/l		100
61) 1,2-Dibromoethane	9.604	107	86150	53.454	ug/l		100
64) Tetrachloroethene	9.269	164	65888	48.379	ug/l		100
65) Chlorobenzene	10.080	112	223269	50.779	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	76867	54.396	ug/l		100
67) Ethyl Benzene	10.189	91	395430	52.050	ug/l		100
68) m/p-Xylenes	10.299	106	290181	104.094	ug/l		100
69) o-Xylene	10.640	106	144247	51.141	ug/l		100
70) Styrene	10.653	104	238379	52.719	ug/l		100
71) Bromoform	10.799	173	50667	51.158	ug/l	#	100
73) Isopropylbenzene	10.957	105	372519	51.100	ug/l		100
74) N-amyl acetate	10.842	43	182491	54.166	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.213	83	127193	50.233	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	107003m	49.518	ug/l		
77) Bromobenzene	11.195	156	89687	50.734	ug/l		100
78) n-propylbenzene	11.305	91	428741	53.211	ug/l		100
79) 2-Chlorotoluene	11.360	91	263849	50.634	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	314986	52.102	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	35119	47.628	ug/l		100
82) 4-Chlorotoluene	11.451	91	296520	51.387	ug/l		100
83) tert-Butylbenzene	11.713	119	310320	51.940	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	313338	52.776	ug/l		100
85) sec-Butylbenzene	11.890	105	379552	52.329	ug/l		100
86) p-Isopropyltoluene	12.006	119	318721	52.796	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	160223	51.887	ug/l		100
88) 1,4-Dichlorobenzene	12.043	146	159258	50.171	ug/l		100
89) n-Butylbenzene	12.329	91	270840	53.354	ug/l		100
90) Hexachloroethane	12.536	117	48303	54.813	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	164342	51.256	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26027	52.951	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	93173	53.005	ug/l		100
94) Hexachlorobutadiene	13.725	225	35172	49.744	ug/l		100
95) Naphthalene	13.774	128	365234	53.230	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	97000	52.027	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044222.D
Acq On : 11 Dec 2024 12:14
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 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

Quant Time: Dec 12 04:15:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

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

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

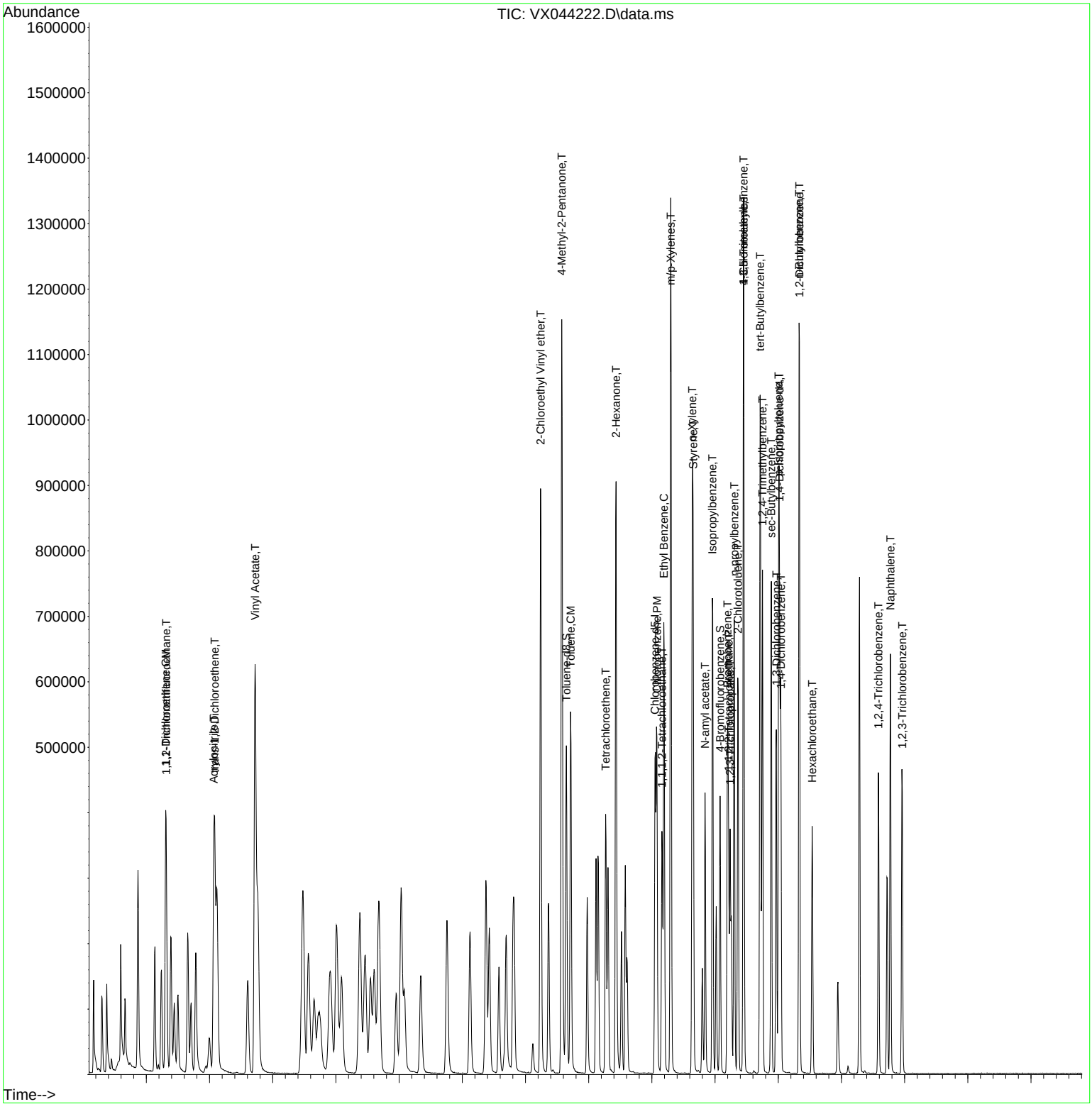
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Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

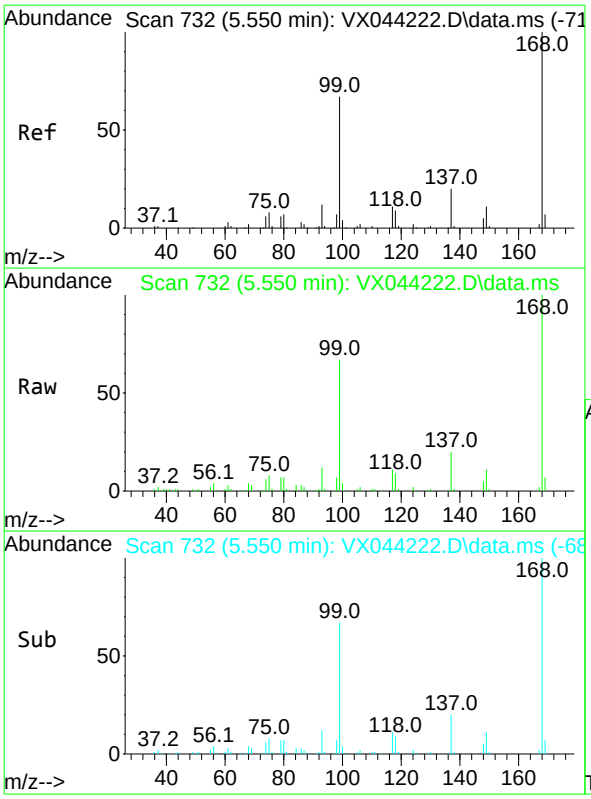
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Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

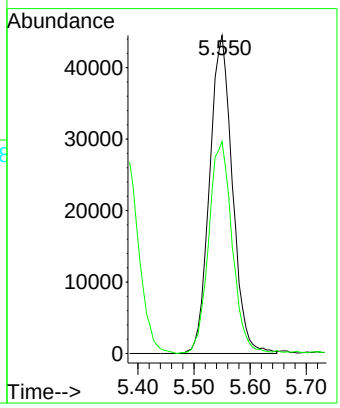




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 73
Delta R.T. -0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:168 Resp: 125713

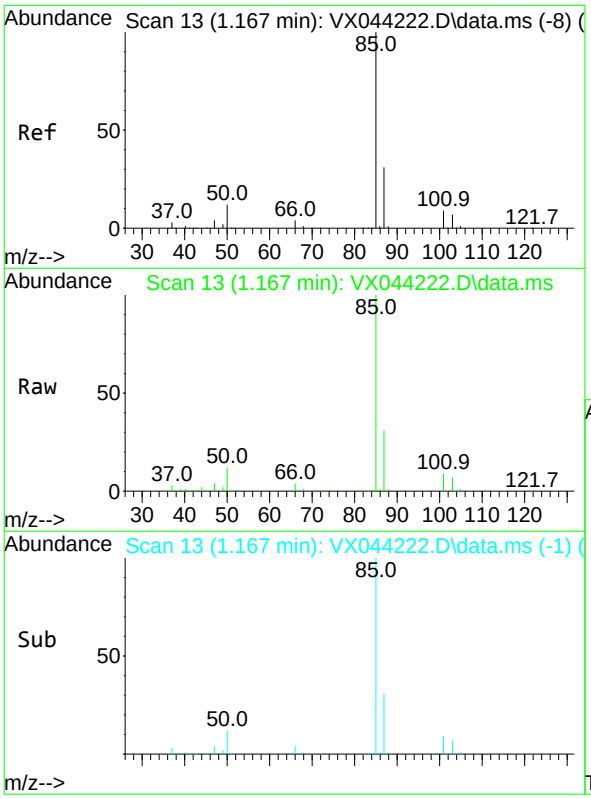
Ion	Ratio	Lower	Upper
168	100		
99	66.7	53.4	80.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

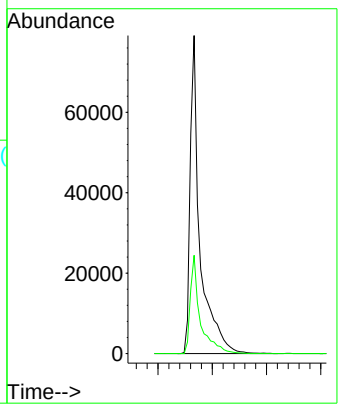
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

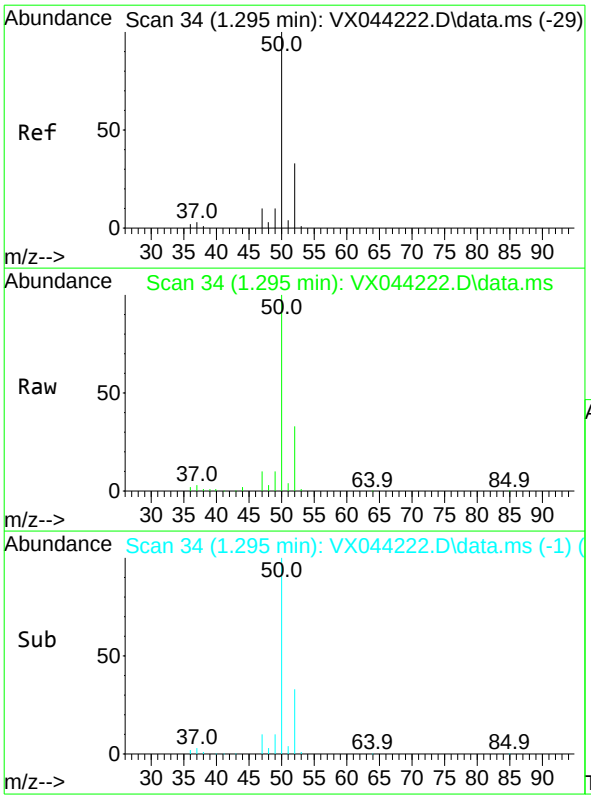


#2
Dichlorodifluoromethane
Concen: 50.957 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 85 Resp: 99052

Ion	Ratio	Lower	Upper
85	100		
87	30.9	15.4	46.4

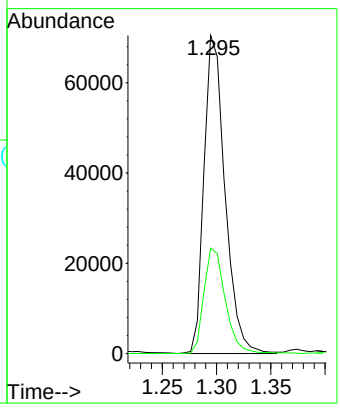




#3
Chloromethane
Concen: 51.097 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 50 Resp: 94981

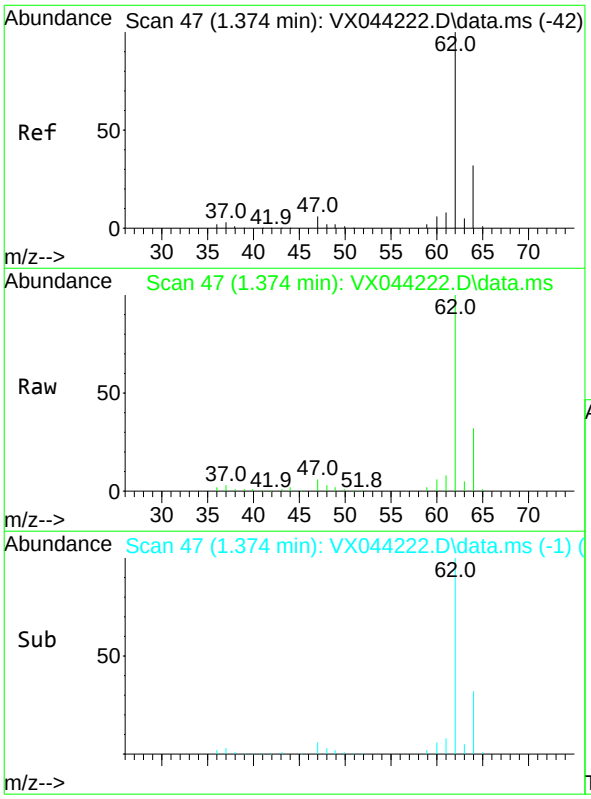
Ion	Ratio	Lower	Upper
50	100		
52	33.1	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

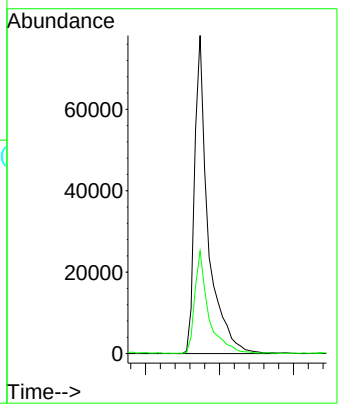
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

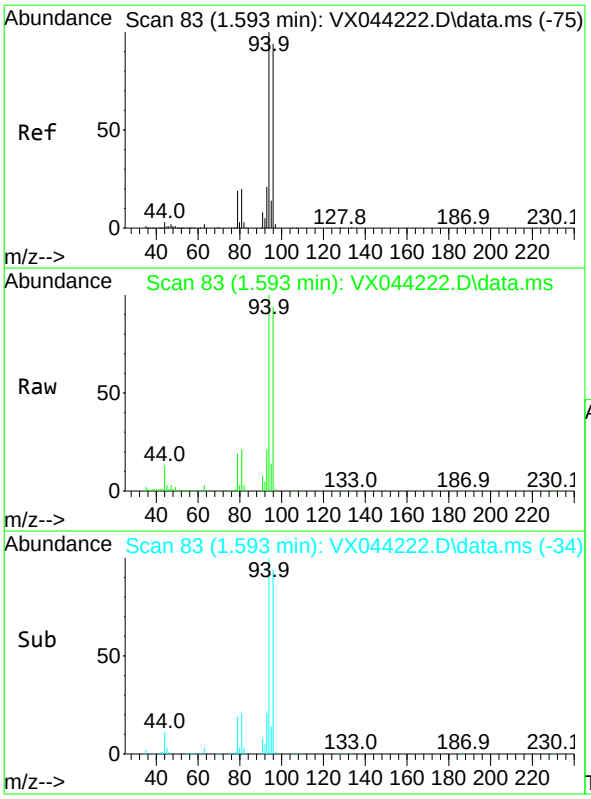


#4
Vinyl Chloride
Concen: 51.045 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 62 Resp: 98852

Ion	Ratio	Lower	Upper
62	100		
64	32.1	25.7	38.5

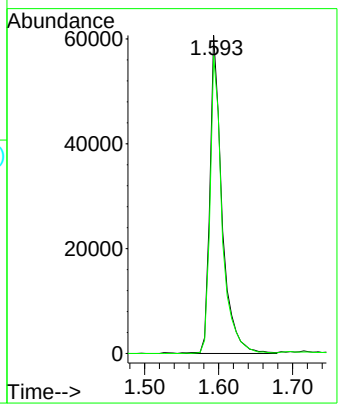




#5
Bromomethane
Concen: 50.405 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 94 Resp: 69250

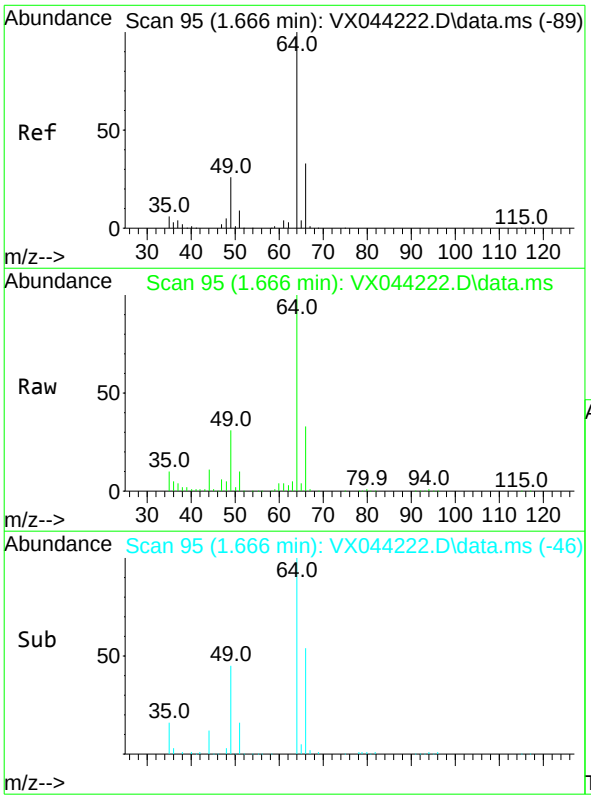
Ion	Ratio	Lower	Upper
94	100		
96	93.6	74.9	112.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

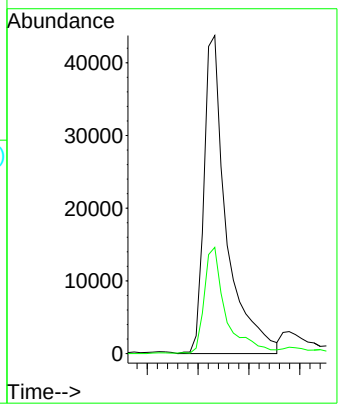
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

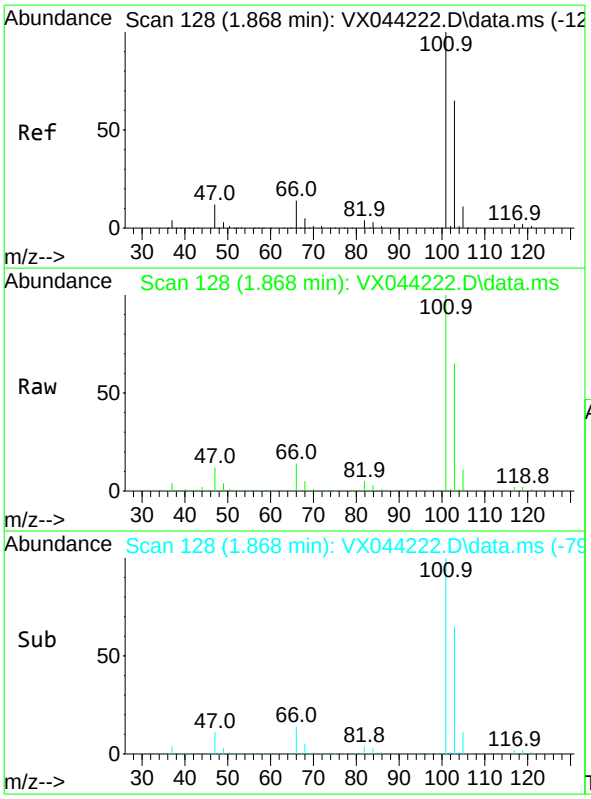


#6
Chloroethane
Concen: 55.448 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 64 Resp: 66862

Ion	Ratio	Lower	Upper
64	100		
66	33.2	26.6	39.8

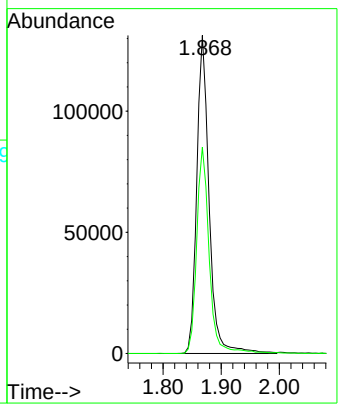




#7
Trichlorofluoromethane
Concen: 51.086 ug/l
RT: 1.868 min Scan# 12
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:101 Resp: 193676

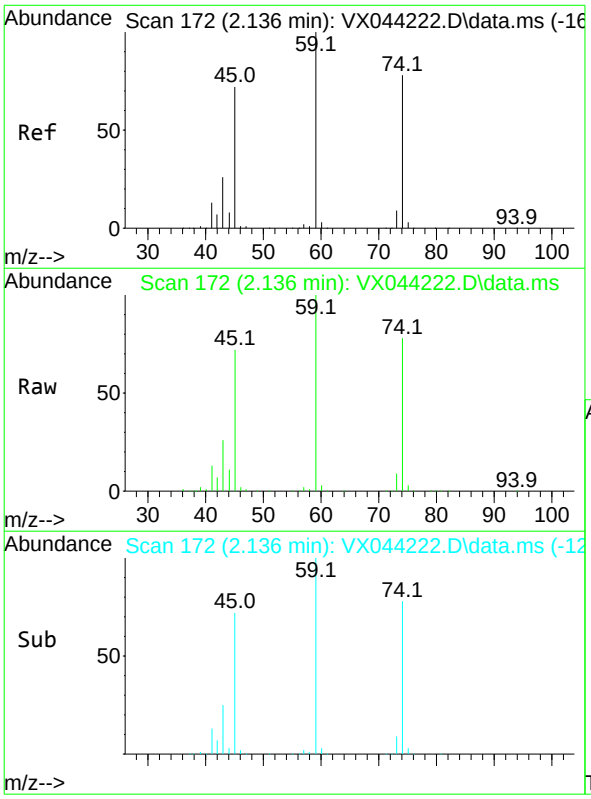
Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.8	77.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

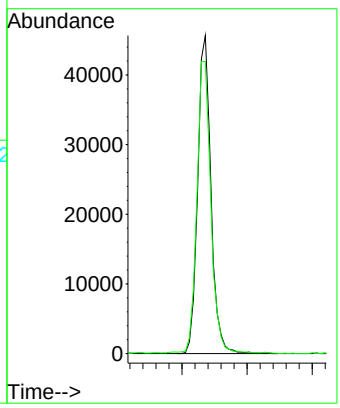
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

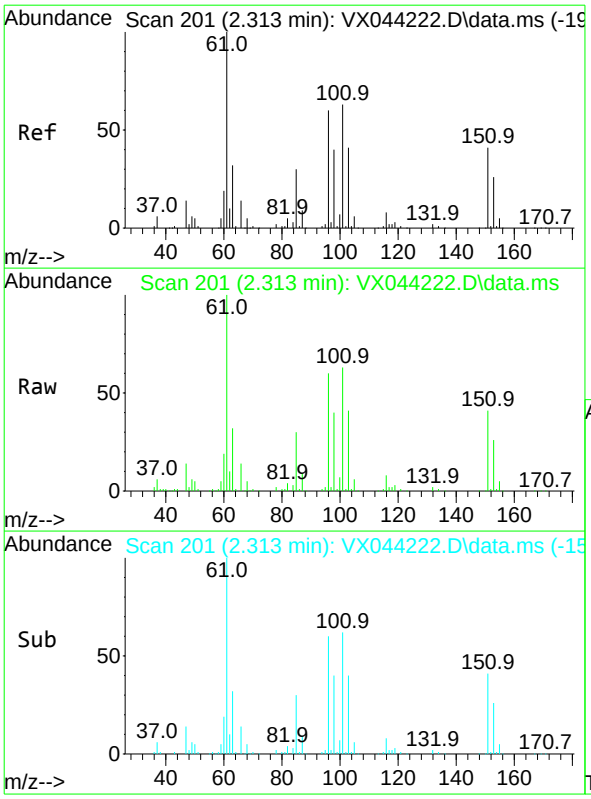


#8
Diethyl Ether
Concen: 49.875 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 74 Resp: 64542

Ion	Ratio	Lower	Upper
74	100		
45	96.7	48.4	145.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.371 ug/l
RT: 2.313 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

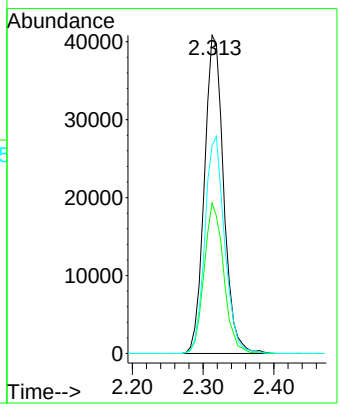
Tgt Ion:101 Resp: 77275

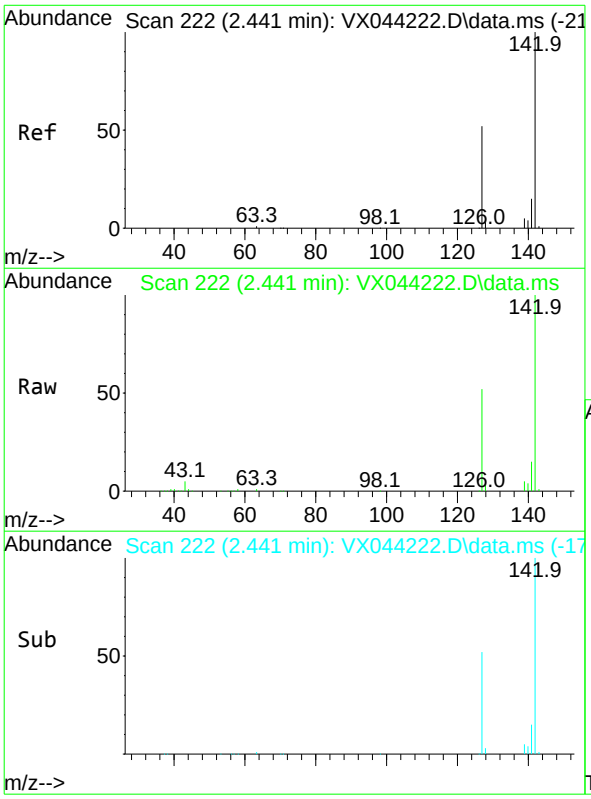
Ion	Ratio	Lower	Upper
101	100		
85	48.1	38.5	57.7
151	69.7	55.8	83.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

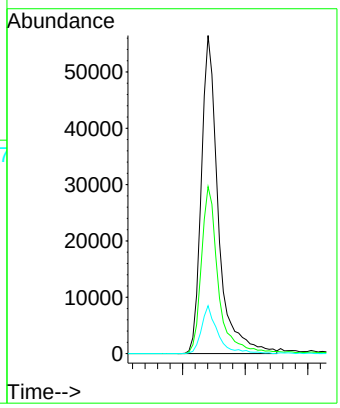


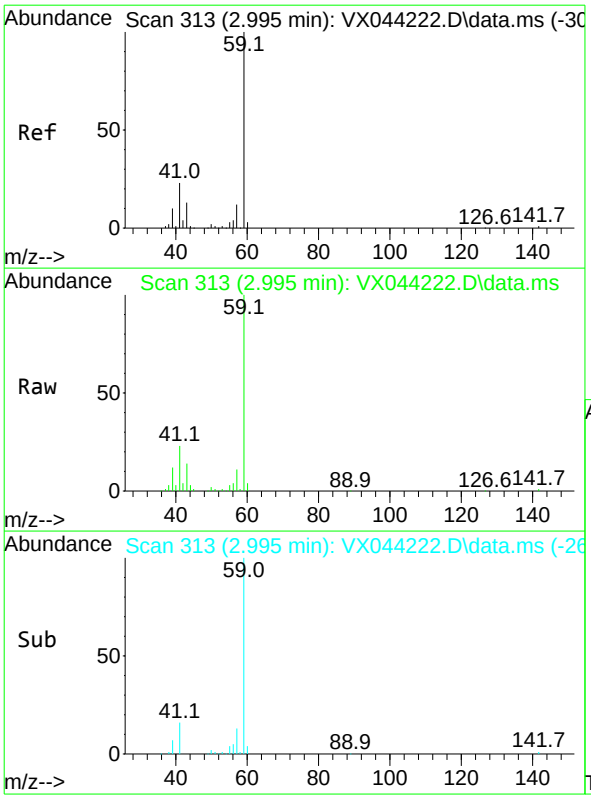


#10
Methyl Iodide
Concen: 52.678 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:142 Resp: 106509

Ion	Ratio	Lower	Upper
142	100		
127	52.3	41.8	62.8
141	14.4	11.5	17.3

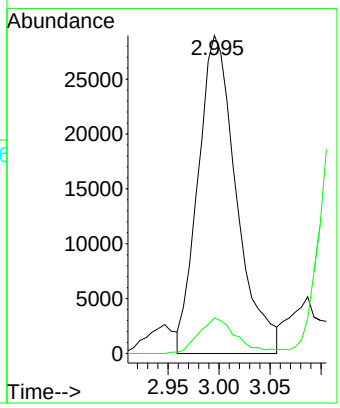




#11
Tert butyl alcohol
Concen: 244.039 ug/l m
RT: 2.995 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 59 Resp: 75690

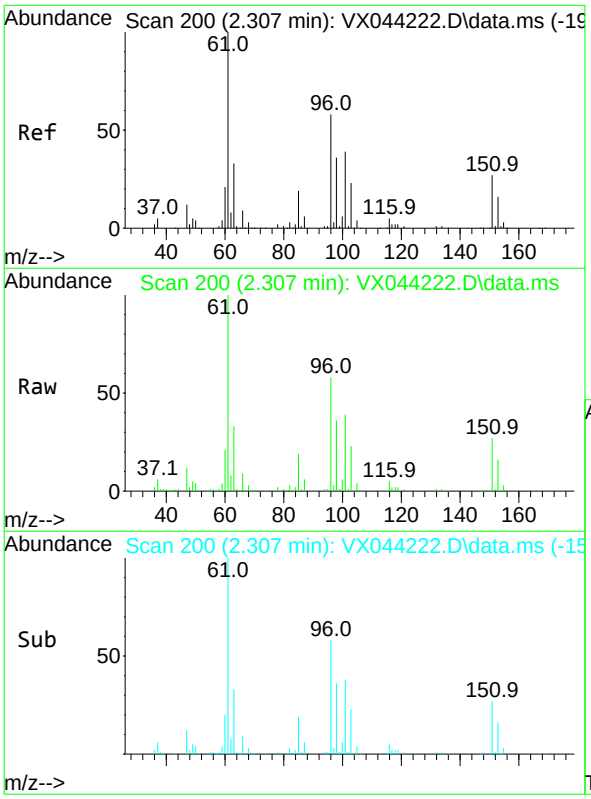
Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

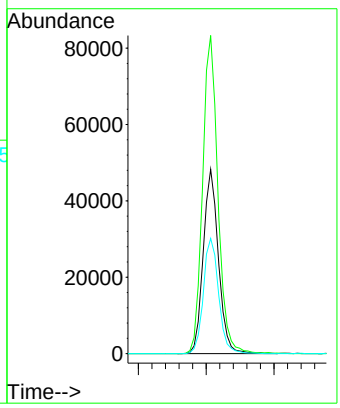
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

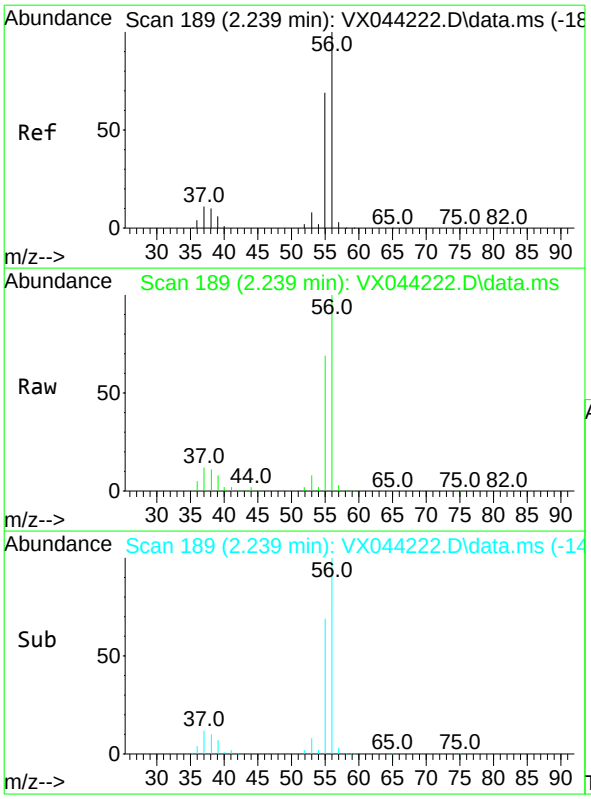


#12
1,1-Dichloroethene
Concen: 53.143 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 96 Resp: 74884

Ion	Ratio	Lower	Upper
96	100		
61	172.5	138.0	207.0
98	62.5	50.0	75.0

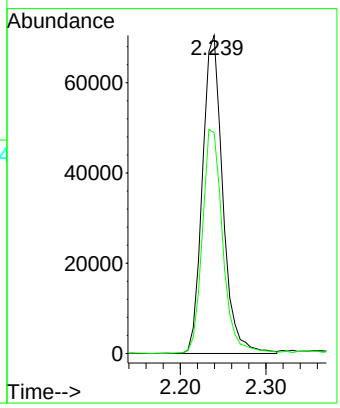




#13
Acrolein
Concen: 258.347 ug/l
RT: 2.239 min Scan# 18
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 56 Resp: 116171

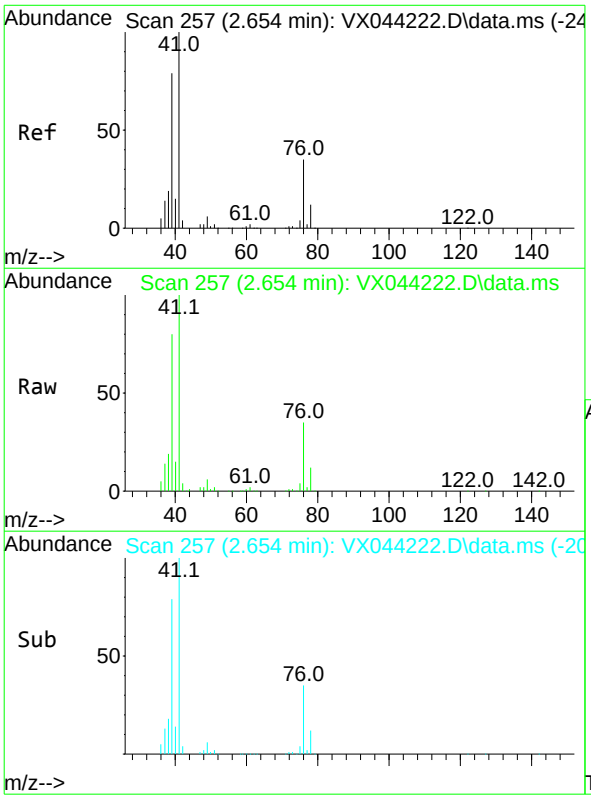
Ion	Ratio	Lower	Upper
56	100		
55	70.7	56.6	84.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

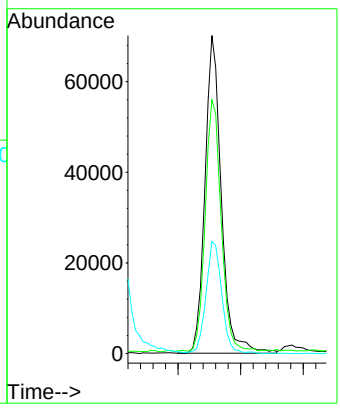
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

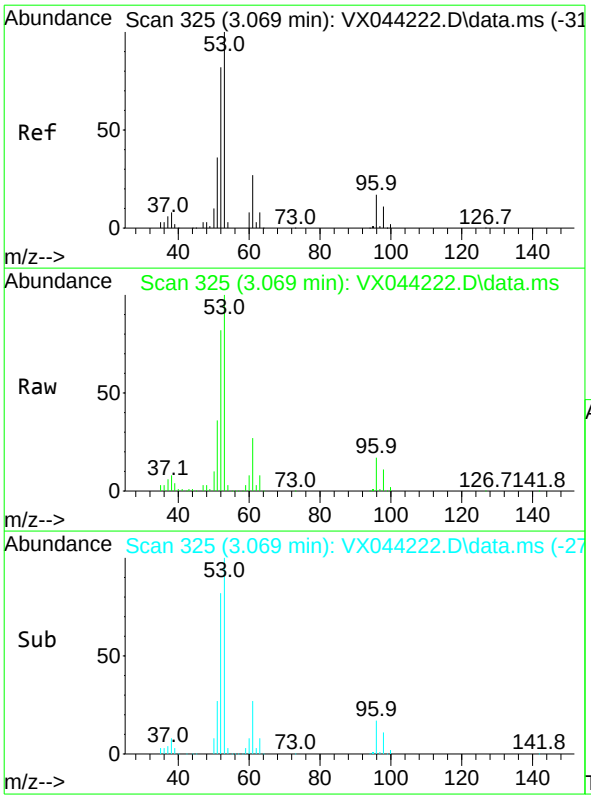


#14
Allyl chloride
Concen: 54.079 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 41 Resp: 126925

Ion	Ratio	Lower	Upper
41	100		
39	77.4	61.9	92.9
76	34.3	27.4	41.2

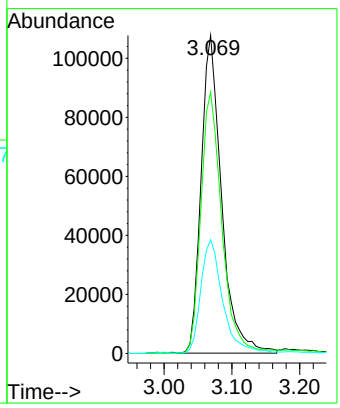




#15
Acrylonitrile
Concen: 261.859 ug/l
RT: 3.069 min Scan# 32
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 53 Resp: 225330

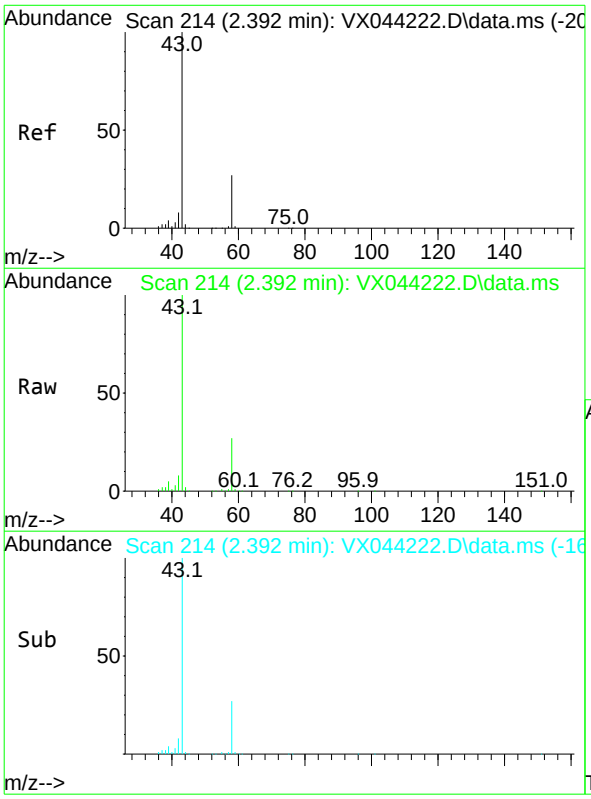
Ion	Ratio	Lower	Upper
53	100		
52	84.2	67.4	101.0
51	37.9	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

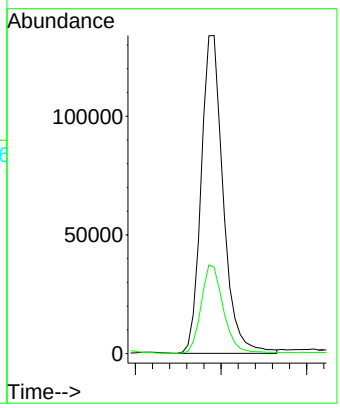
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

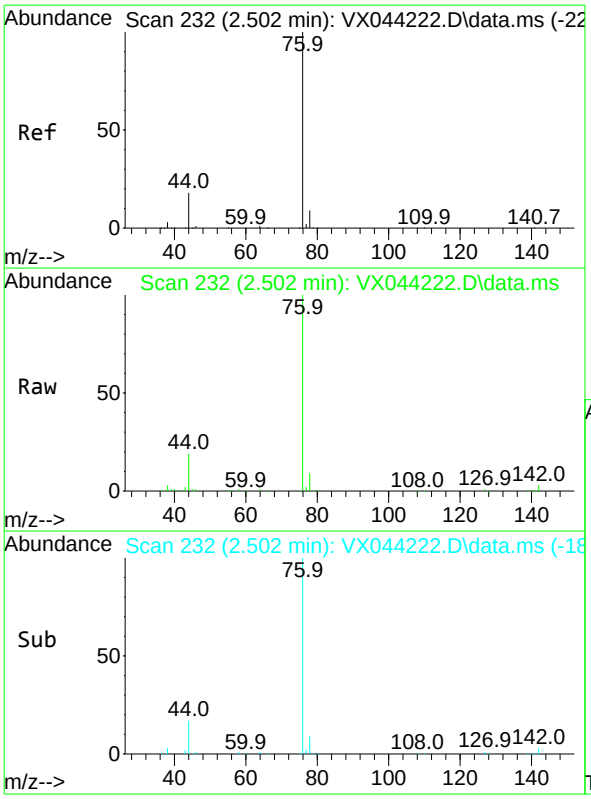


#16
Acetone
Concen: 266.704 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 43 Resp: 239661

Ion	Ratio	Lower	Upper
43	100		
58	27.0	21.6	32.4

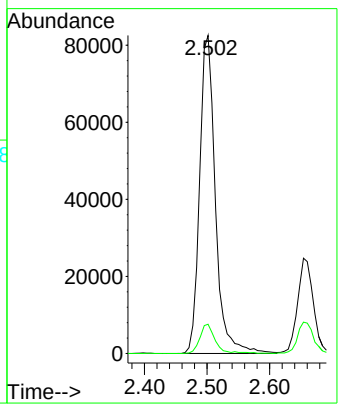




#17
Carbon Disulfide
Concen: 53.994 ug/l
RT: 2.502 min Scan# 23
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 76 Resp: 144624

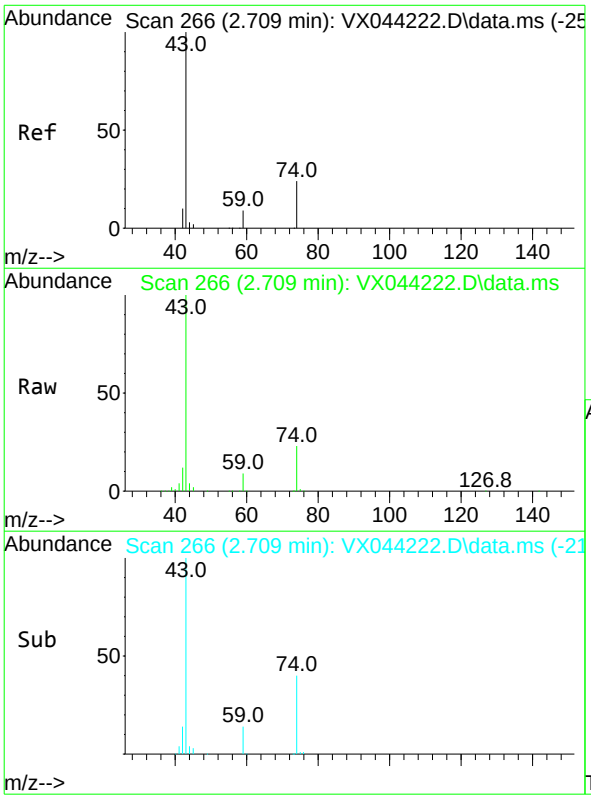
Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

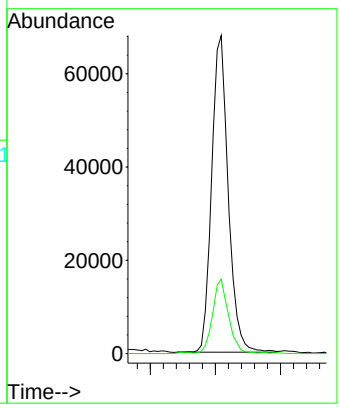
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

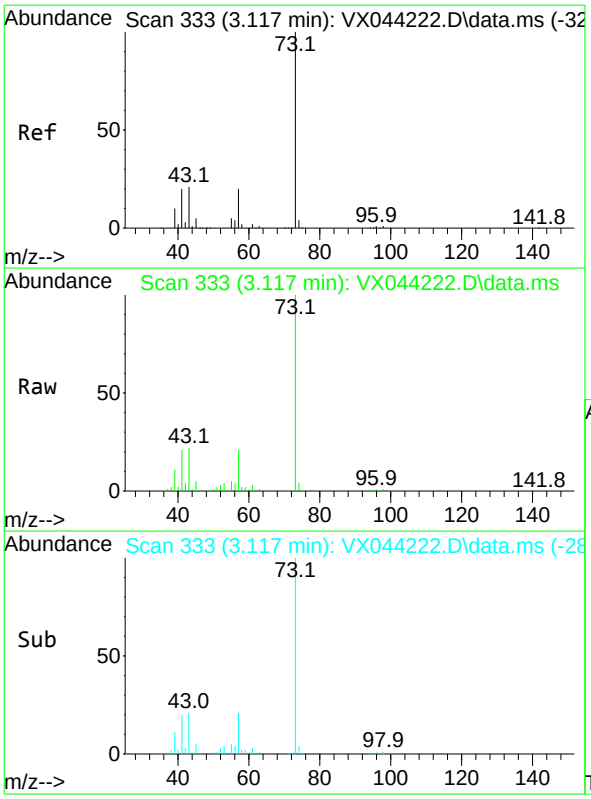


#18
Methyl Acetate
Concen: 51.710 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 43 Resp: 119808

Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.7	26.5

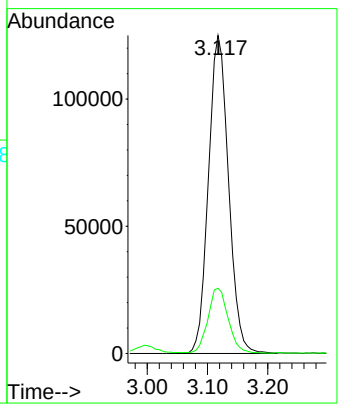




#19
Methyl tert-butyl Ether
Concen: 52.691 ug/l
RT: 3.117 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 73 Resp: 289735

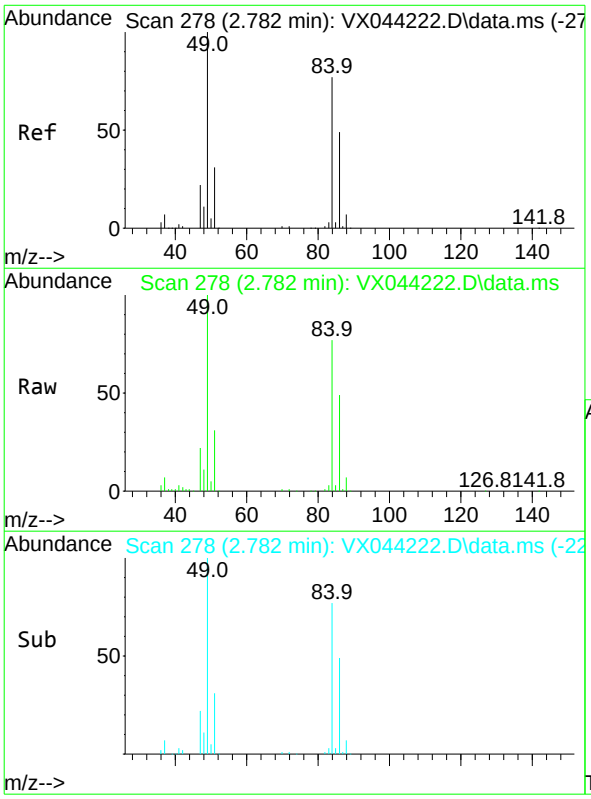
Ion	Ratio	Lower	Upper
73	100		
57	20.3	16.2	24.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

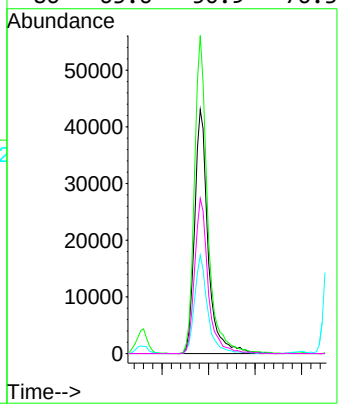
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

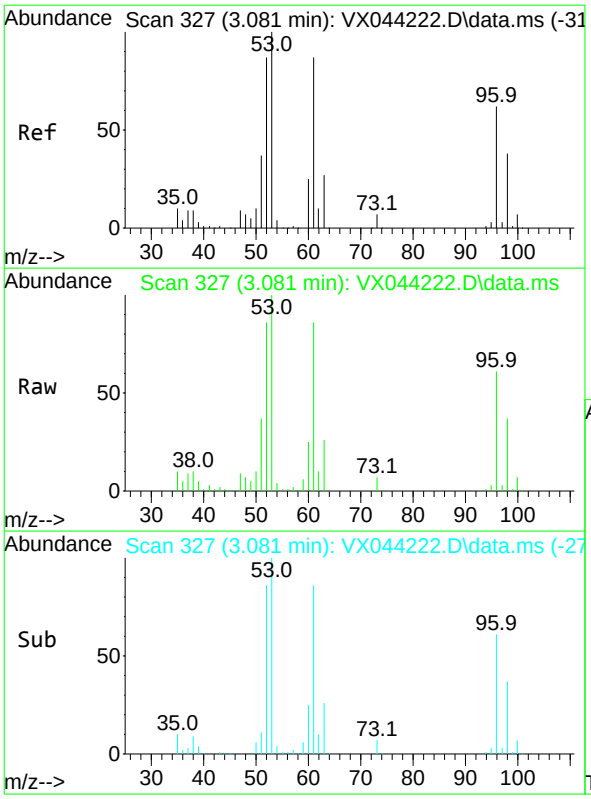


#20
Methylene Chloride
Concen: 51.305 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 84 Resp: 86593

Ion	Ratio	Lower	Upper
84	100		
49	130.3	104.2	156.4
51	40.3	32.2	48.4
86	63.6	50.9	76.3

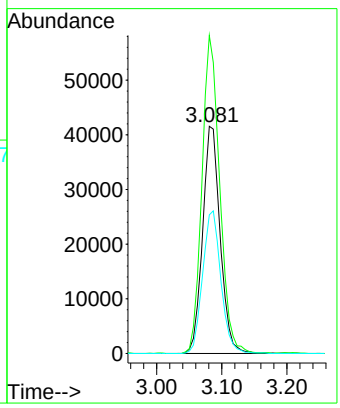




#21
trans-1,2-Dichloroethene
Concen: 51.974 ug/l
RT: 3.081 min Scan# 32
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 96 Resp: 77834

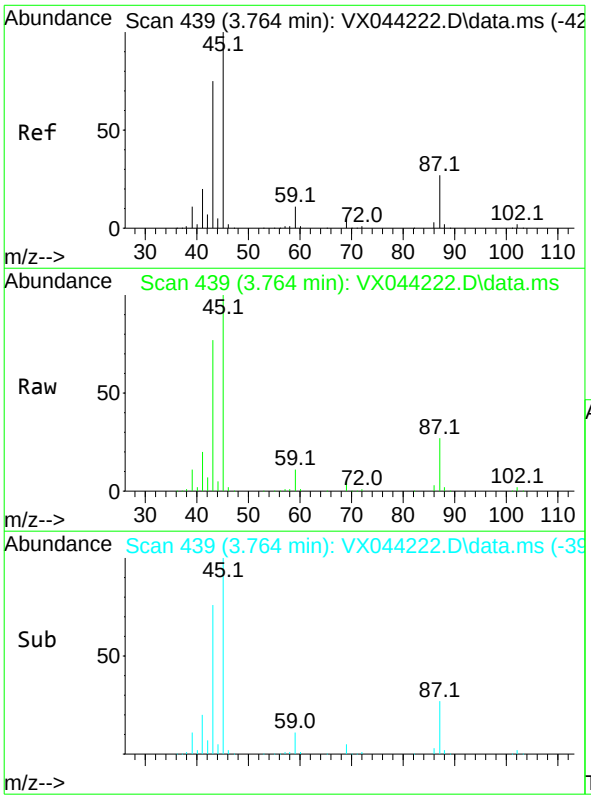
Ion	Ratio	Lower	Upper
96	100		
61	140.0	112.0	168.0
98	61.0	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

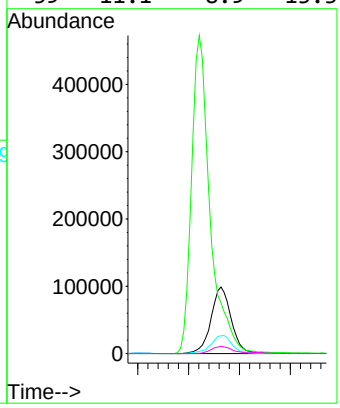
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

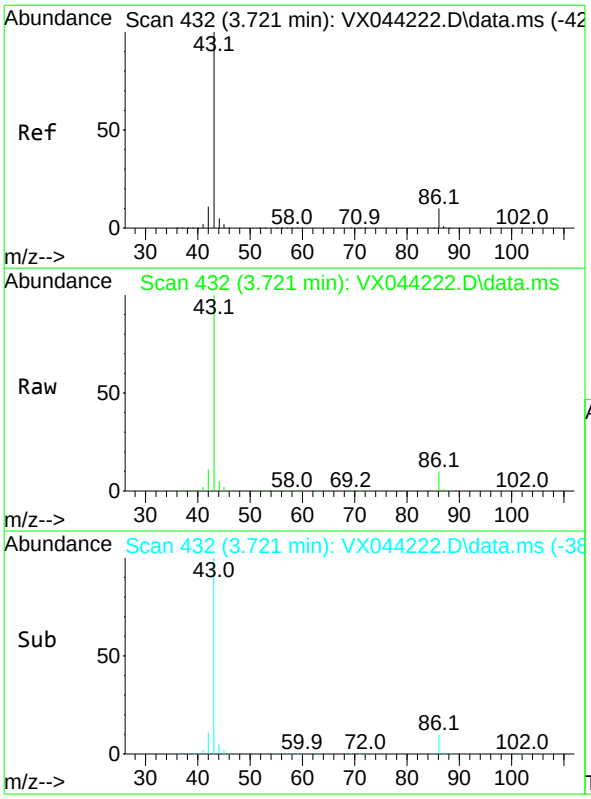


#22
Diisopropyl ether
Concen: 51.662 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 45 Resp: 273039

Ion	Ratio	Lower	Upper
45	100		
43	75.2	60.2	90.2
87	26.5	21.2	31.8
59	11.1	8.9	13.3

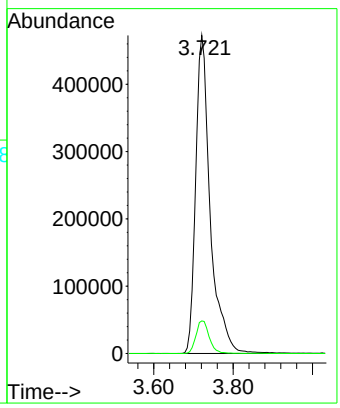




#23
Vinyl Acetate
Concen: 279.754 ug/l
RT: 3.721 min Scan# 43
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 43 Resp: 1202044

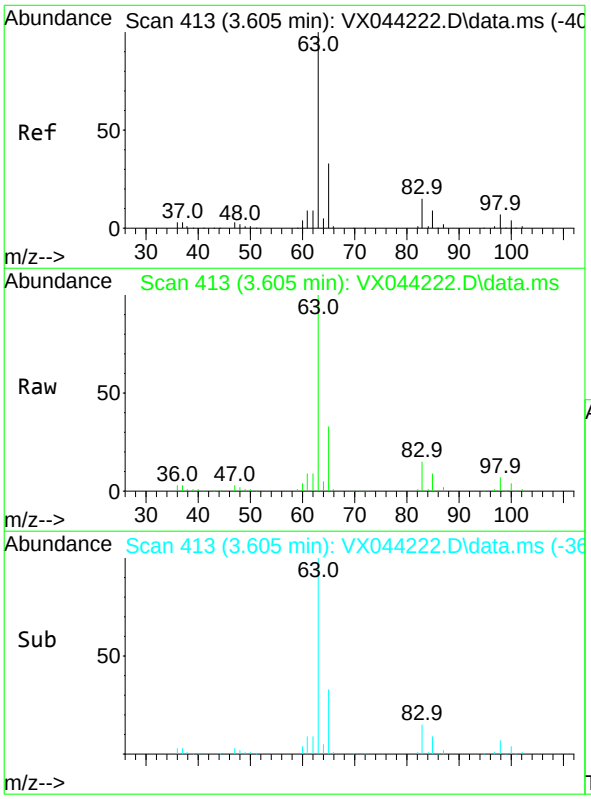
Ion	Ratio	Lower	Upper
43	100		
86	10.2	8.2	12.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

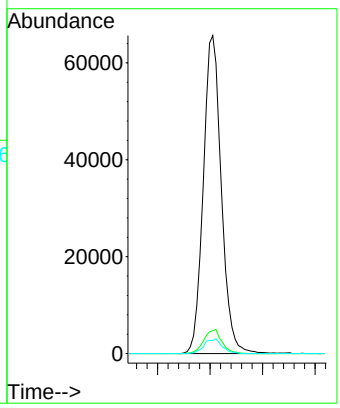
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

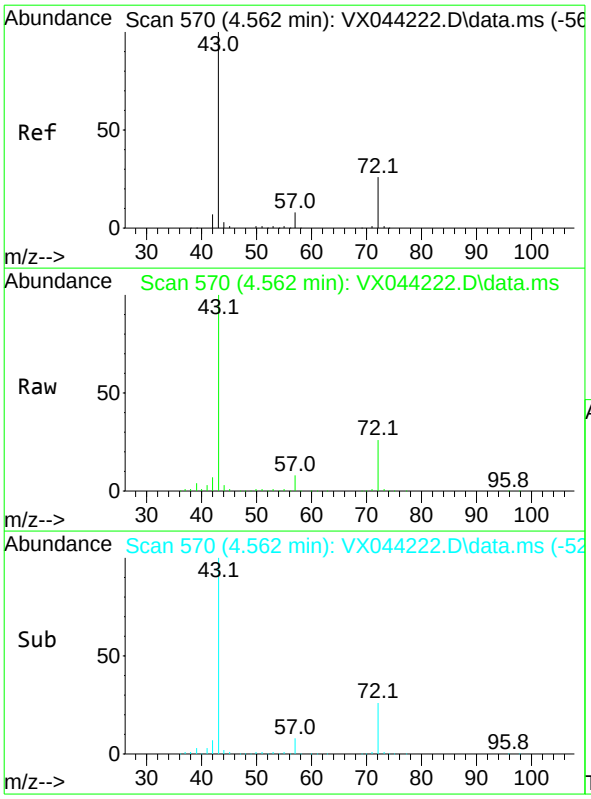


#24
1,1-Dichloroethane
Concen: 53.093 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 63 Resp: 156412

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.6	10.8
100	4.2	2.1	6.3

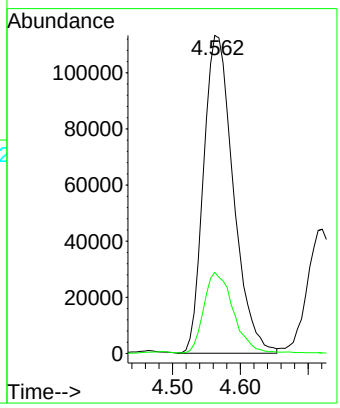




#25
2-Butanone
Concen: 269.797 ug/l
RT: 4.562 min Scan# 57
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 43 Resp: 344663

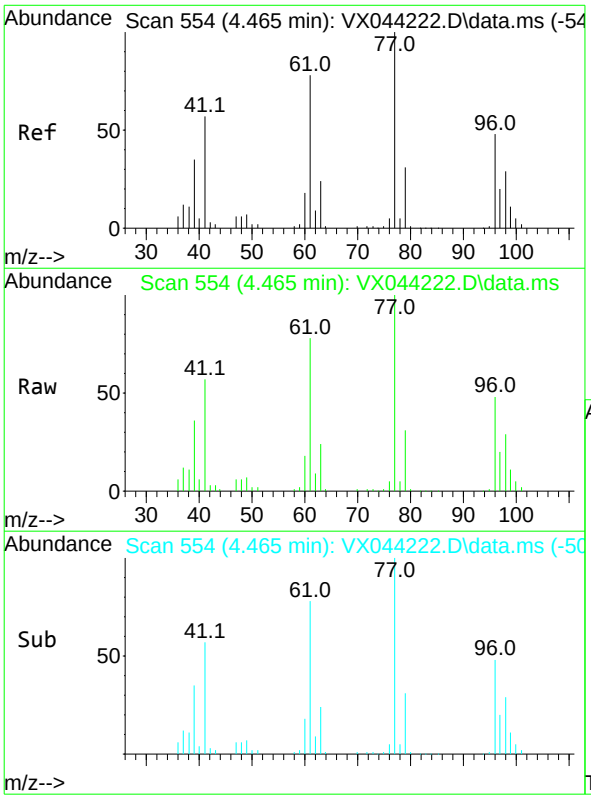
Ion	Ratio	Lower	Upper
43	100		
72	25.3	20.2	30.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

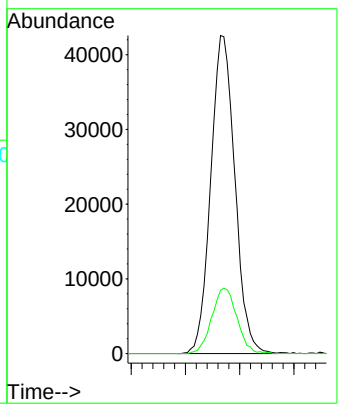
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

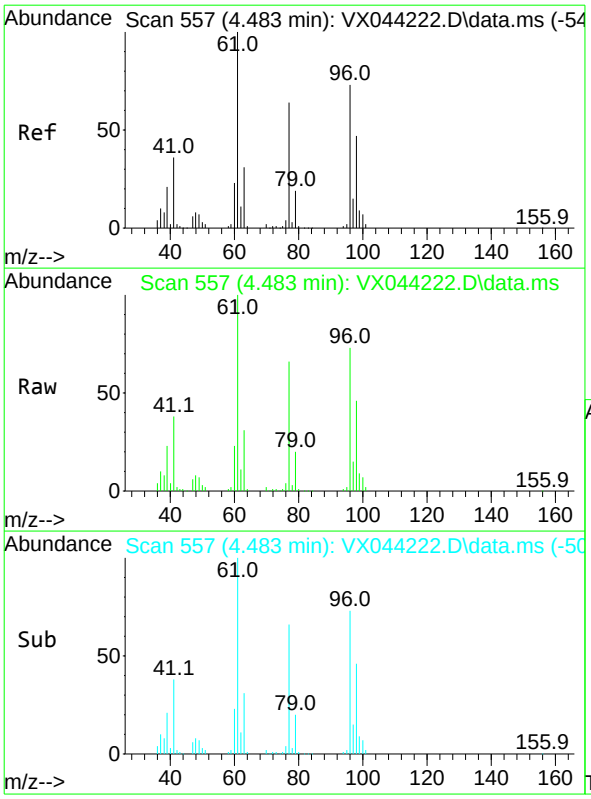


#26
2,2-Dichloropropane
Concen: 54.914 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 77 Resp: 131428

Ion	Ratio	Lower	Upper
77	100		
97	21.4	10.7	32.1

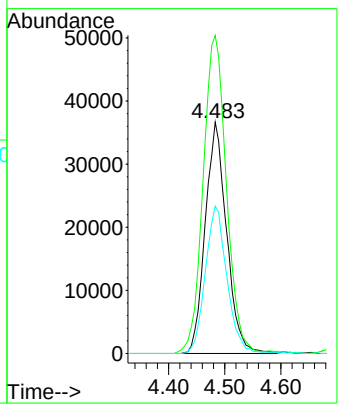




#27
cis-1,2-Dichloroethene
Concen: 51.007 ug/l
RT: 4.483 min Scan# 55
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 96 Resp: 97013

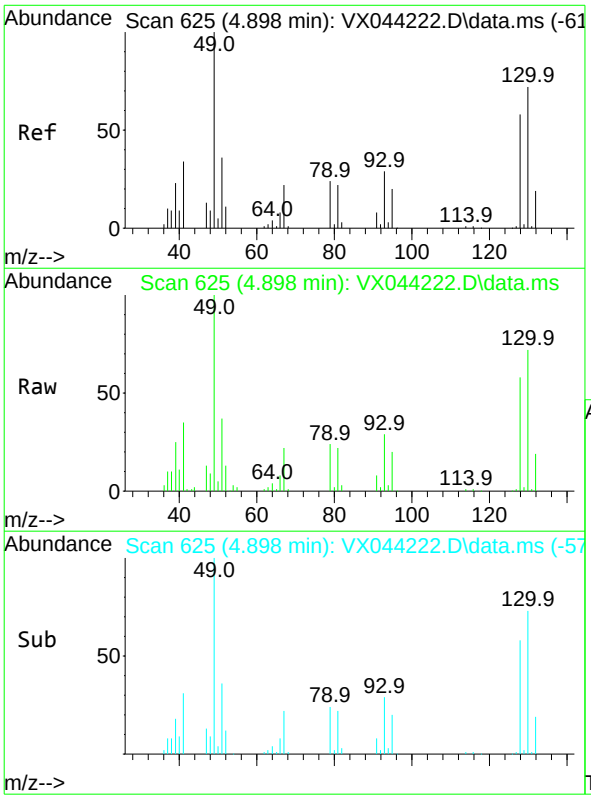
Ion	Ratio	Lower	Upper
96	100		
61	149.5	0.0	299.0
98	64.5	0.0	129.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

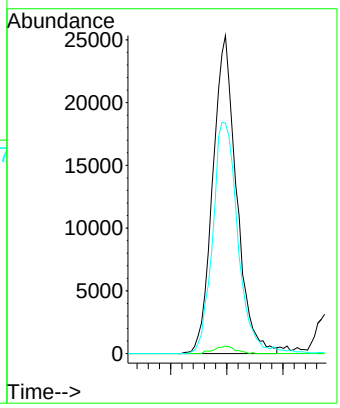
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

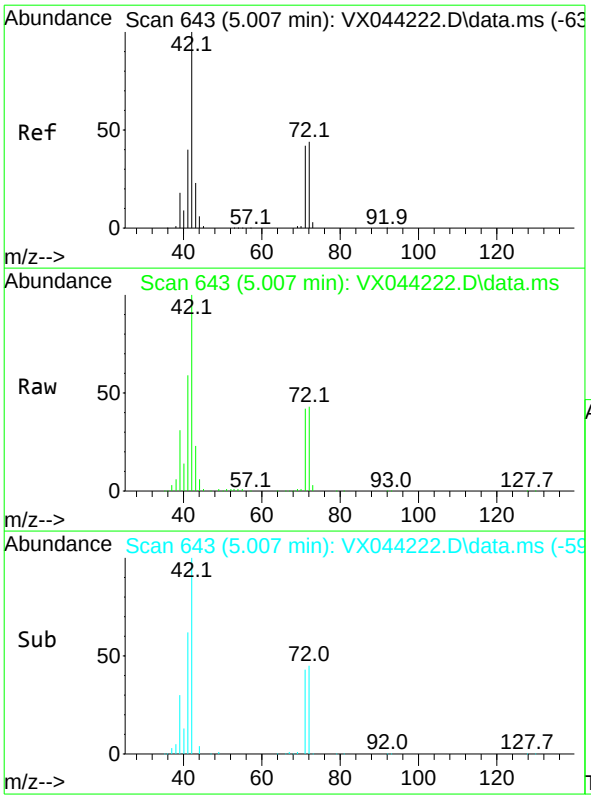


#28
Bromochloromethane
Concen: 51.555 ug/l
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 49 Resp: 74477

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	77.6	62.1	93.1

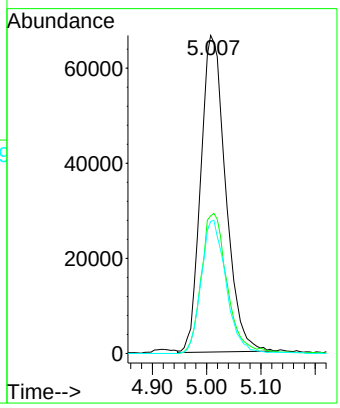




#29
Tetrahydrofuran
Concen: 258.669 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 42 Resp: 212103

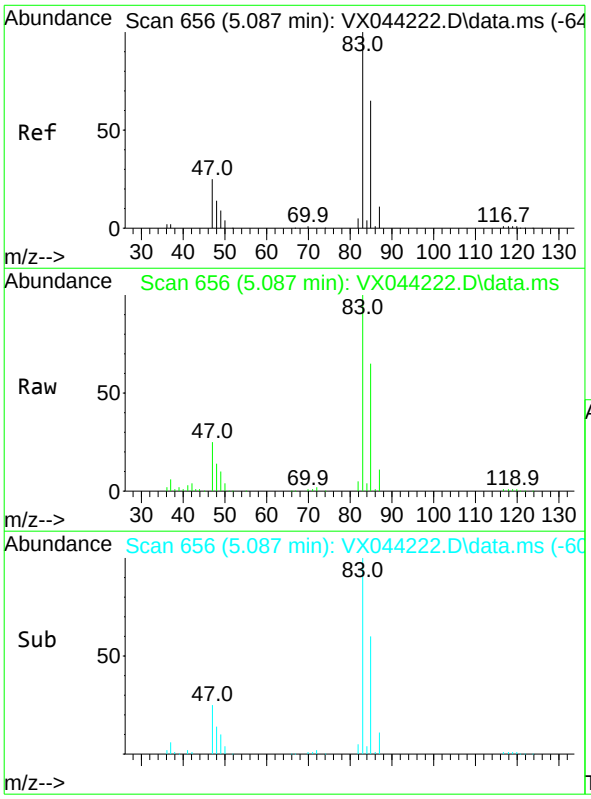
Ion	Ratio	Lower	Upper
42	100		
72	46.3	37.0	55.6
71	42.0	33.6	50.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

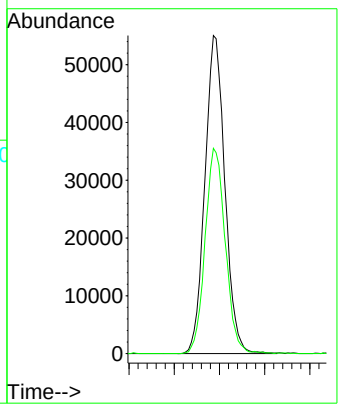
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

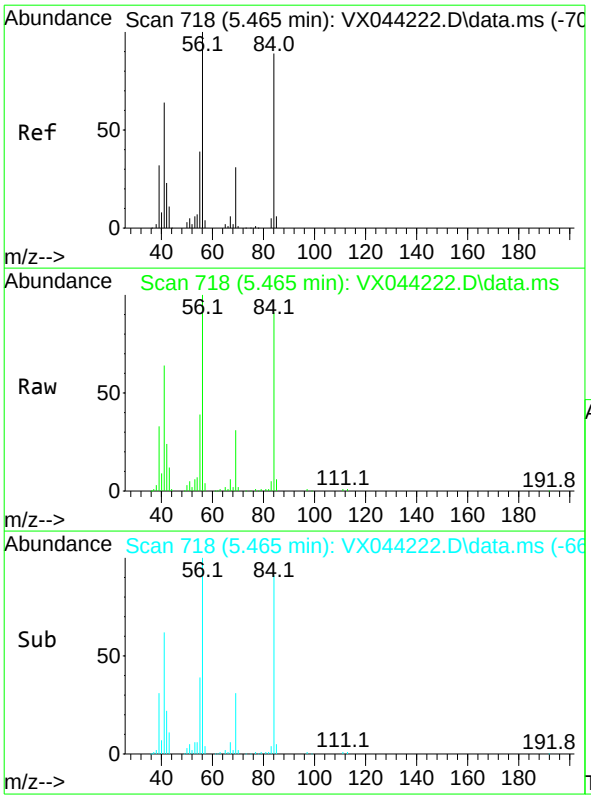


#30
Chloroform
Concen: 51.017 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 83 Resp: 168864

Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.6	77.4

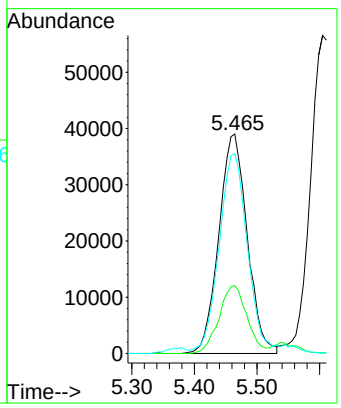




#31
Cyclohexane
Concen: 51.637 ug/l
RT: 5.465 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 56 Resp: 122841

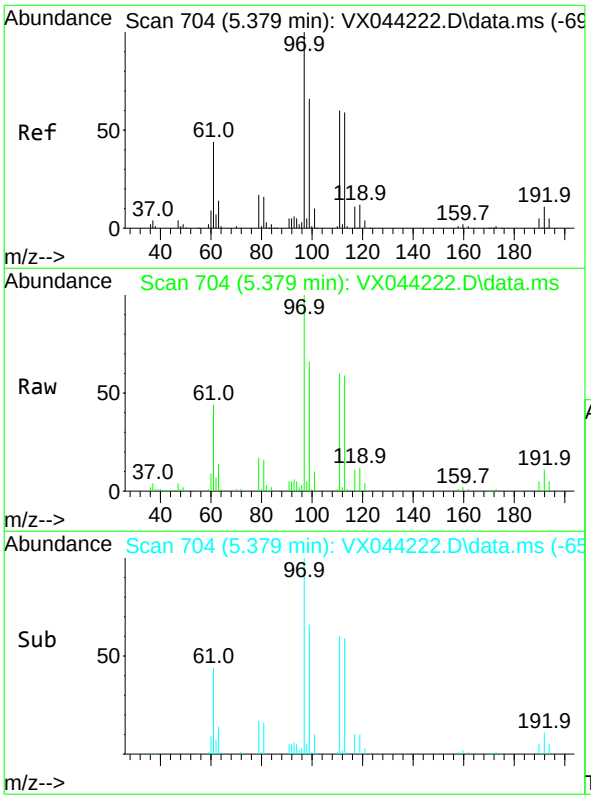
Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.7	37.1
84	88.8	71.0	106.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

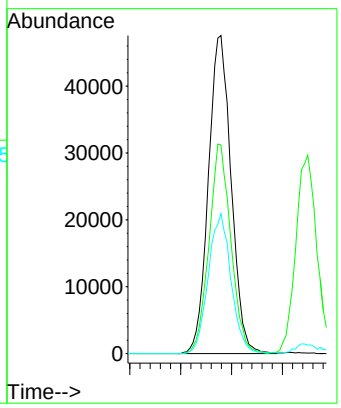
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

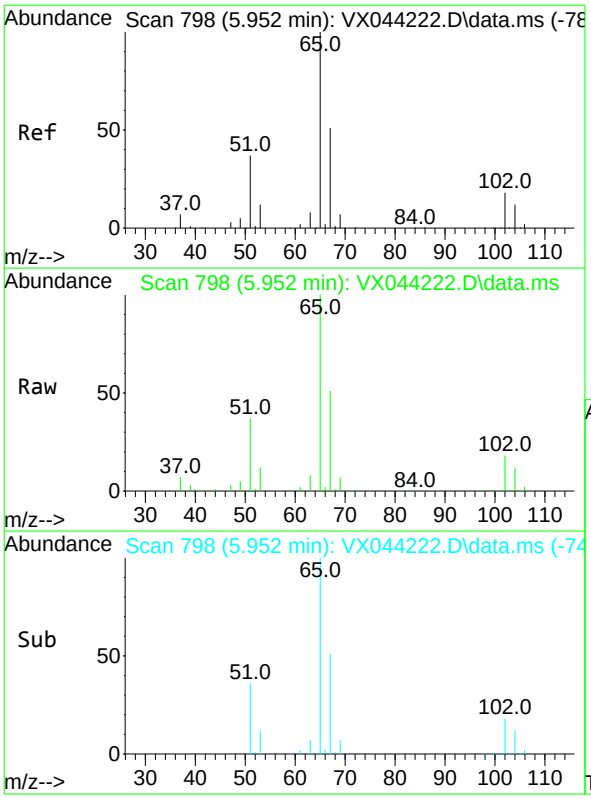


#32
1,1,1-Trichloroethane
Concen: 53.806 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 97 Resp: 147834

Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.8	76.2
61	44.0	35.2	52.8

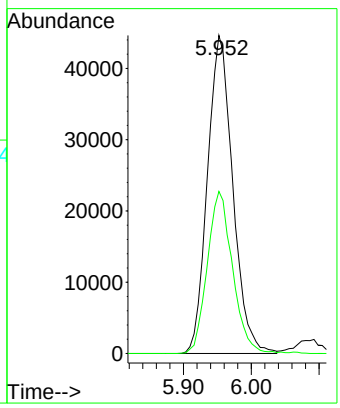




#33
1,2-Dichloroethane-d4
Concen: 52.544 ug/l
RT: 5.952 min Scan# 79
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 65 Resp: 115815

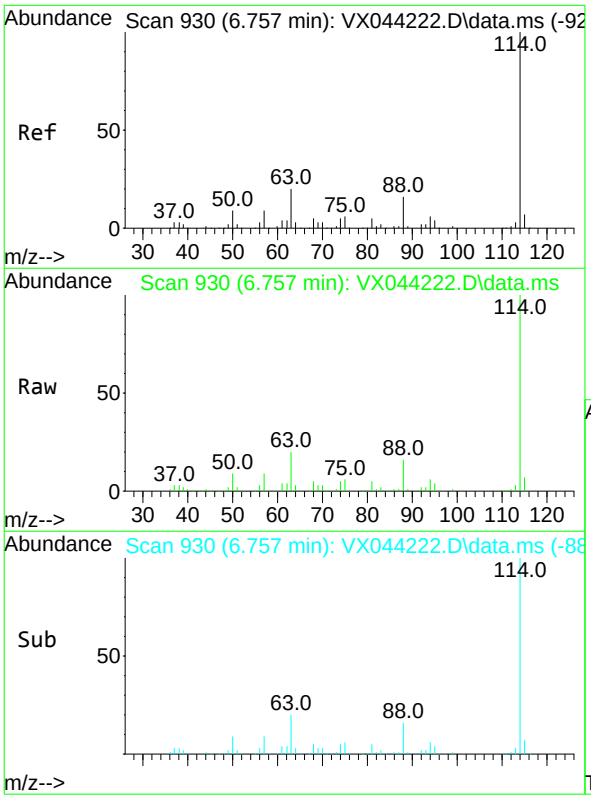
Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	101.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

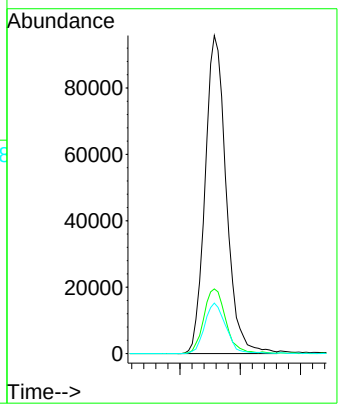
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

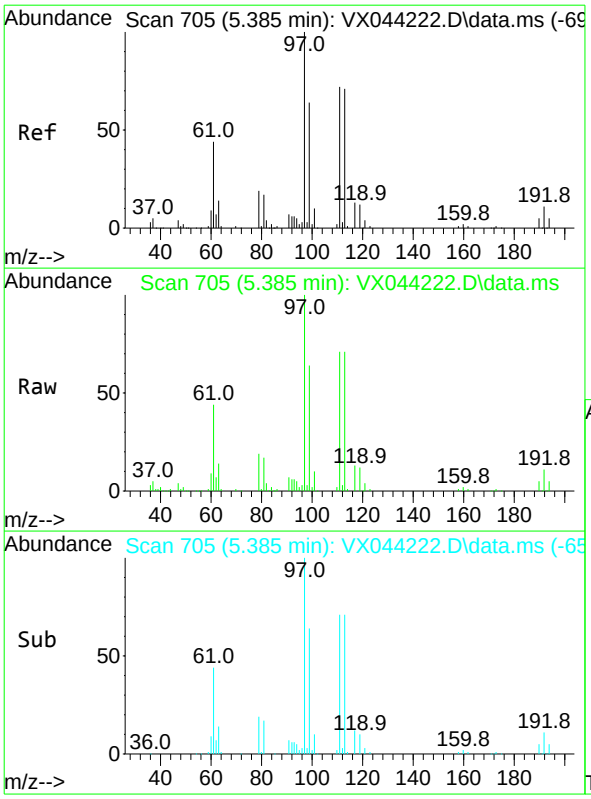


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:114 Resp: 233488

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.6
88	15.9	0.0	31.8

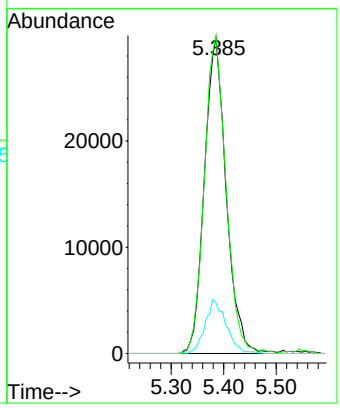




#35
Dibromofluoromethane
Concen: 52.968 ug/l
RT: 5.385 min Scan# 70
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:113 Resp: 85656

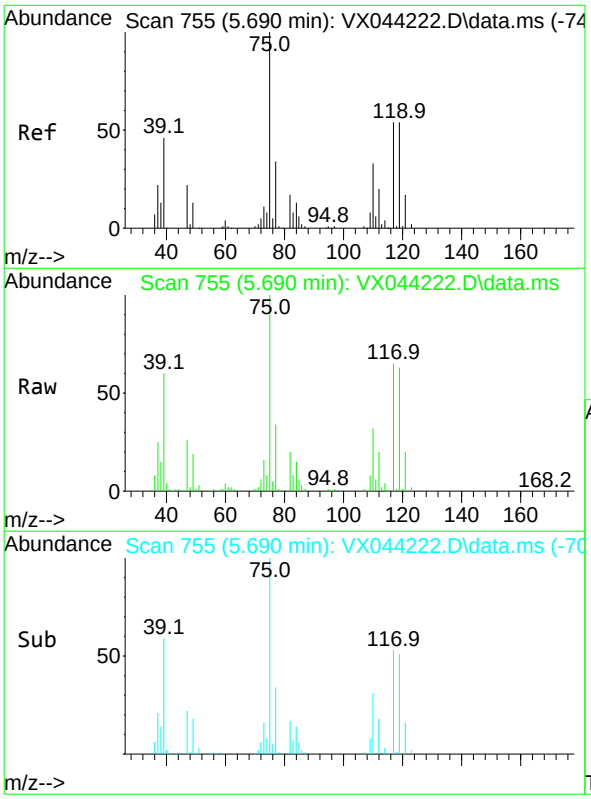
Ion	Ratio	Lower	Upper
113	100		
111	100.5	80.4	120.6
192	16.6	13.3	19.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

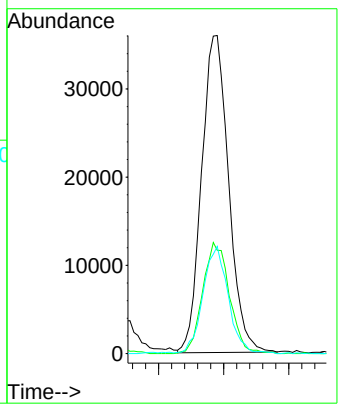
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

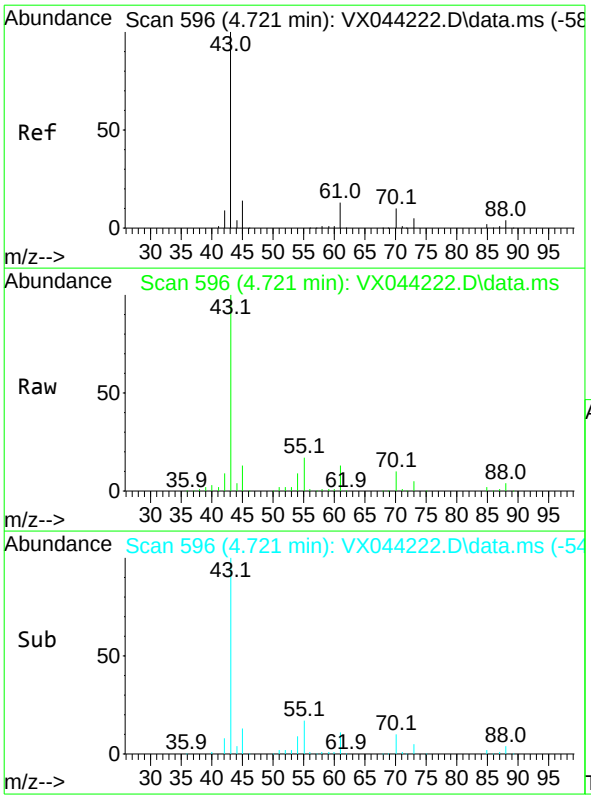


#36
1,1-Dichloropropene
Concen: 49.638 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 75 Resp: 103760

Ion	Ratio	Lower	Upper
75	100		
110	34.5	17.3	51.7
77	31.7	25.4	38.0

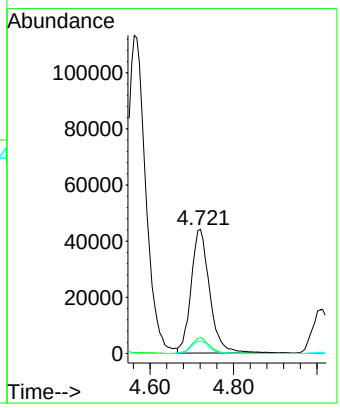




#37
Ethyl Acetate
Concen: 52.537 ug/l
RT: 4.721 min Scan# 59
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 43 Resp: 135753

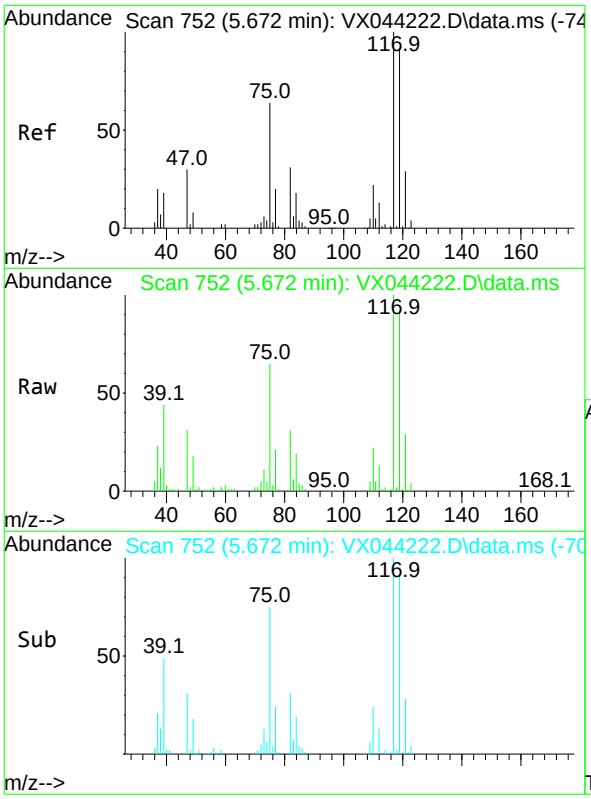
Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.8	14.8
70	9.6	7.7	11.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

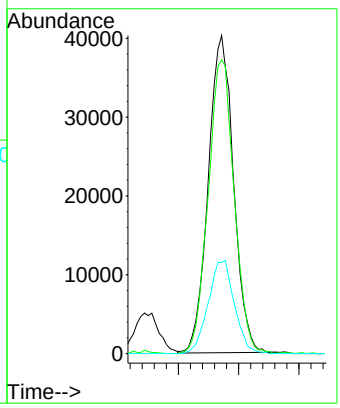
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

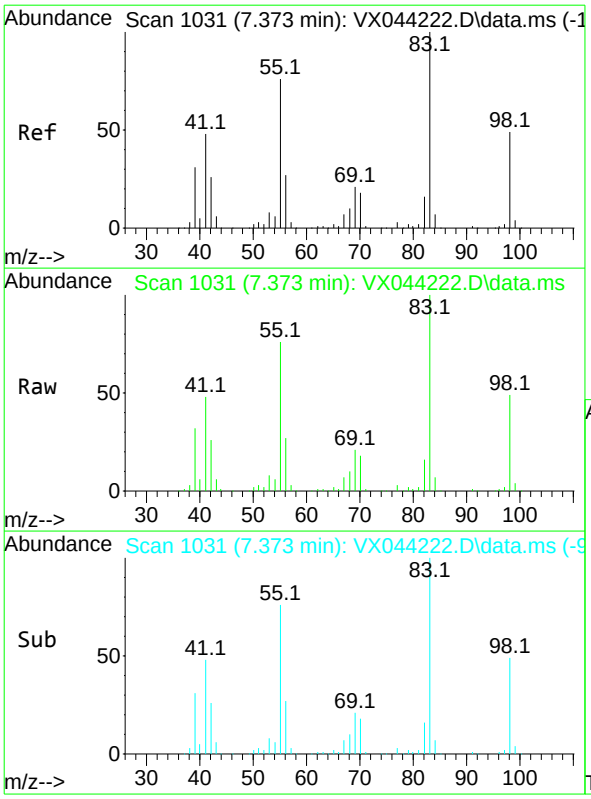


#38
Carbon Tetrachloride
Concen: 52.023 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:117 Resp: 117076

Ion	Ratio	Lower	Upper
117	100		
119	92.8	74.2	111.4
121	28.8	23.0	34.6

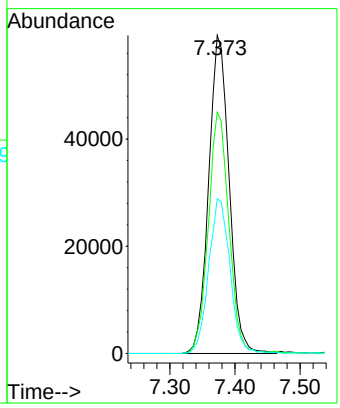




#39
Methylcyclohexane
Concen: 51.901 ug/l
RT: 7.373 min Scan# 10
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 83 Resp: 129697

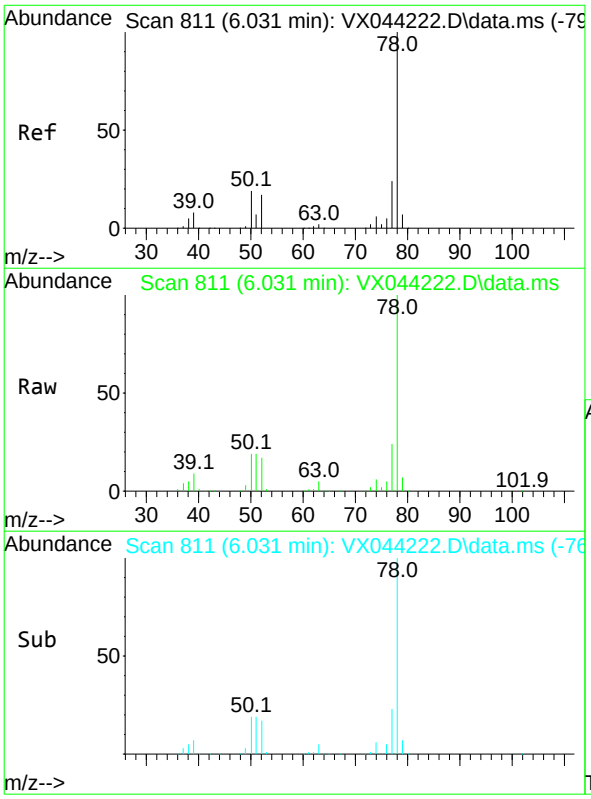
Ion	Ratio	Lower	Upper
83	100		
55	75.9	60.7	91.1
98	48.6	38.9	58.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

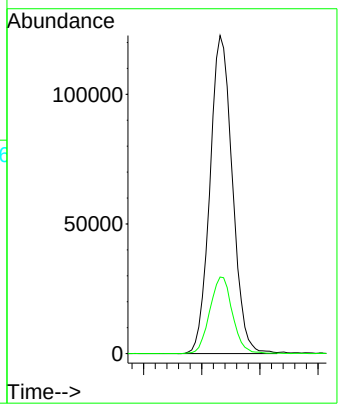
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

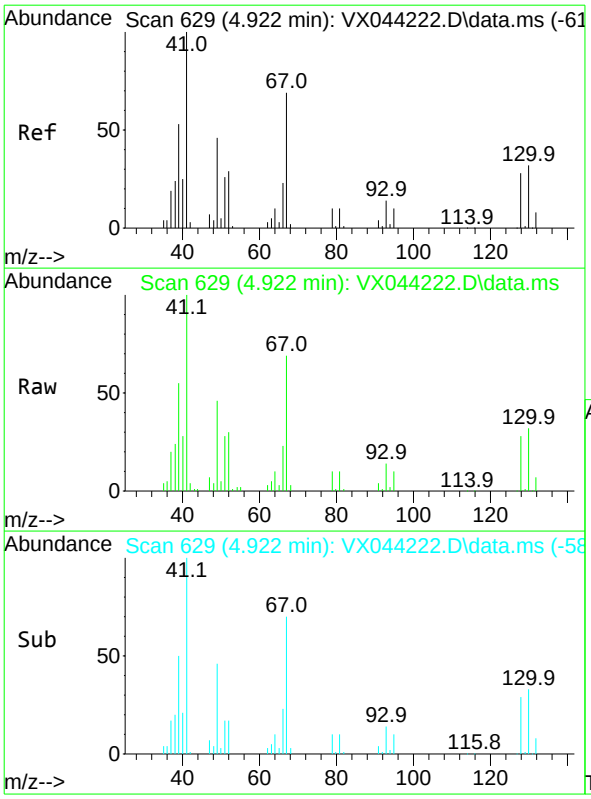


#40
Benzene
Concen: 51.863 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 78 Resp: 329154

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9

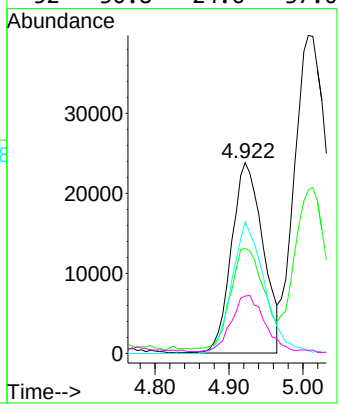




#41
Methacrylonitrile
Concen: 51.329 ug/l
RT: 4.922 min Scan# 62
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 41 Resp: 70427

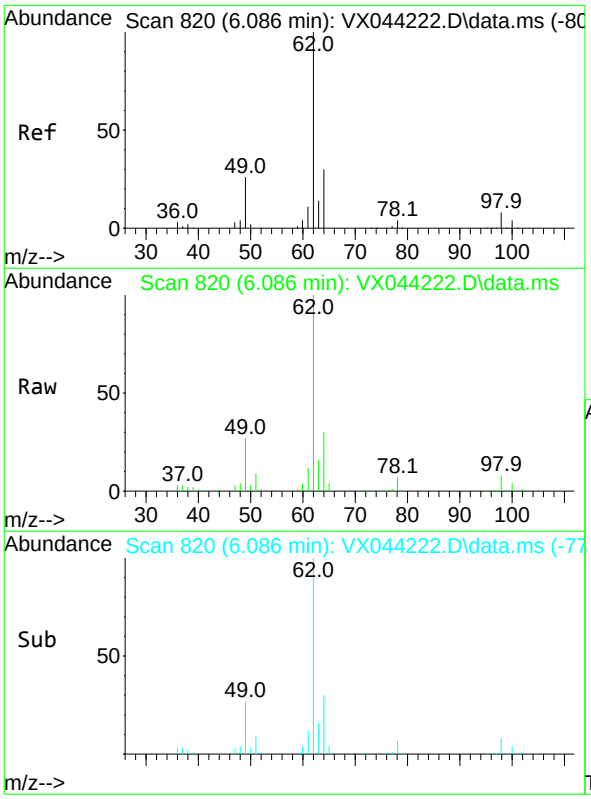
Ion	Ratio	Lower	Upper
41	100		
39	55.3	44.2	66.4
67	71.5	57.2	85.8
52	30.8	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

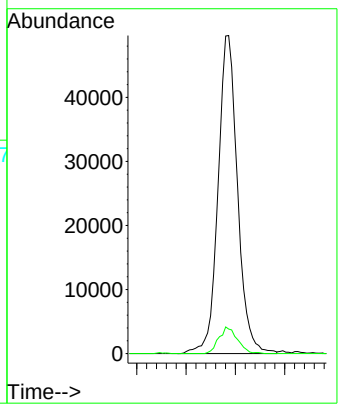
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

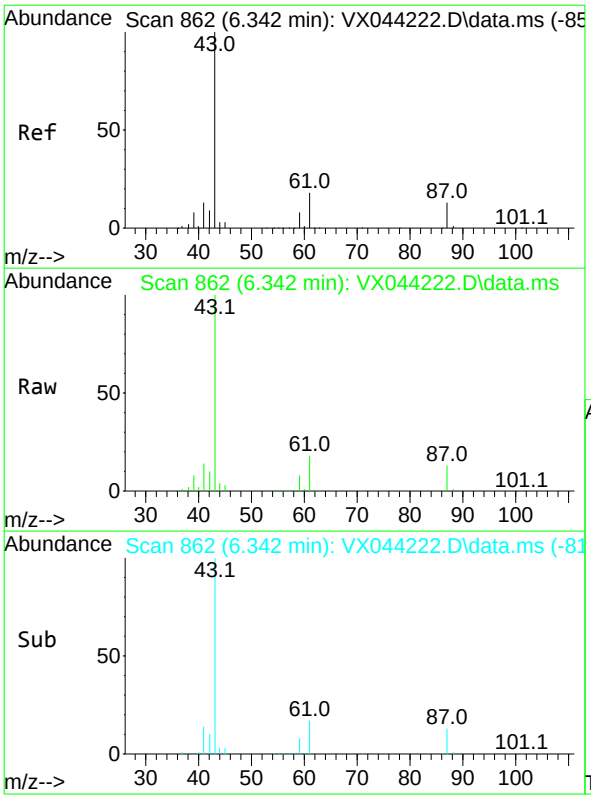


#42
1,2-Dichloroethane
Concen: 52.138 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 62 Resp: 136309

Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	15.8

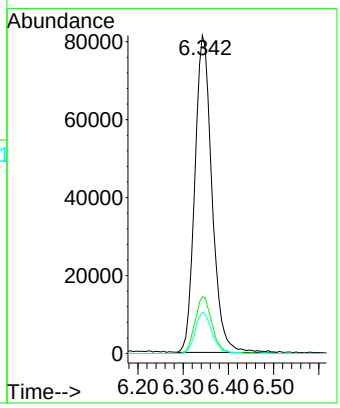




#43
Isopropyl Acetate
Concen: 52.961 ug/l
RT: 6.342 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 43 Resp: 213891

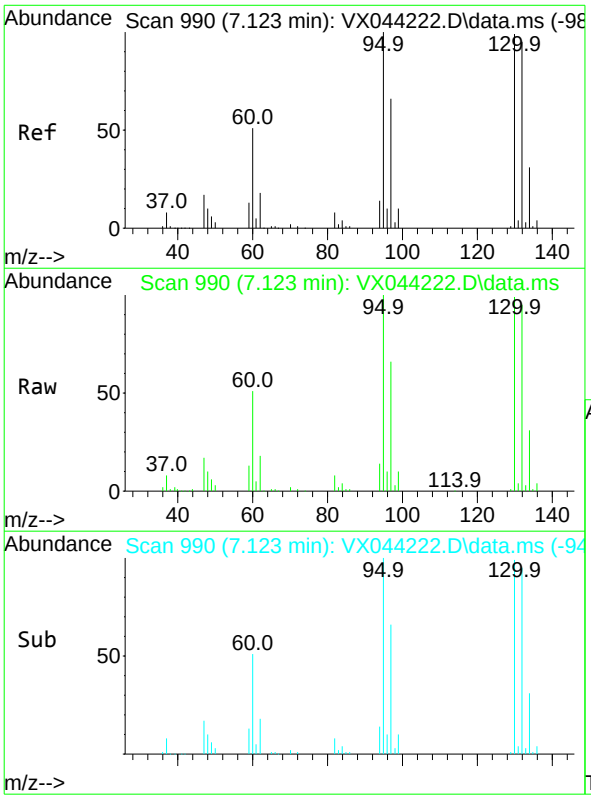
Ion	Ratio	Lower	Upper
43	100		
61	17.7	14.2	21.2
87	12.7	10.2	15.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

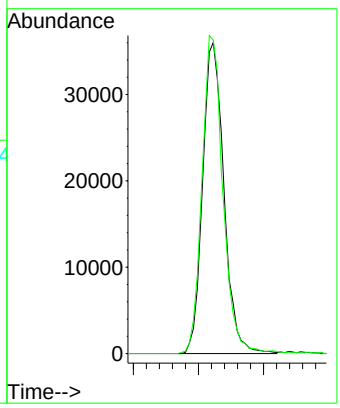
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

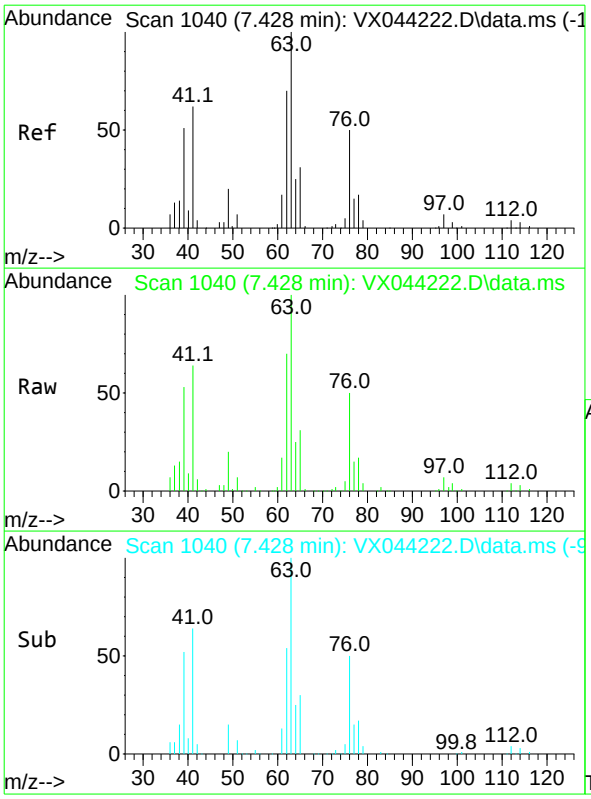


#44
Trichloroethene
Concen: 51.521 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:130 Resp: 81542

Ion	Ratio	Lower	Upper
130	100		
95	100.7	0.0	201.4

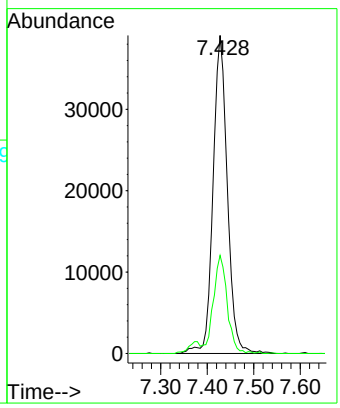




#45
1,2-Dichloropropane
Concen: 51.420 ug/l
RT: 7.428 min Scan# 10
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 63 Resp: 83376

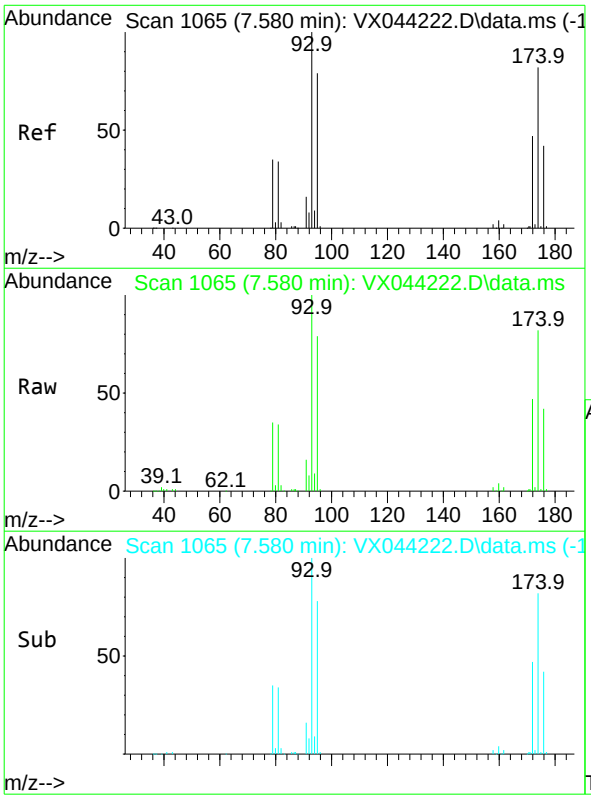
Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

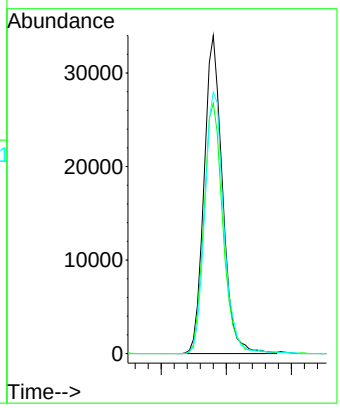
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

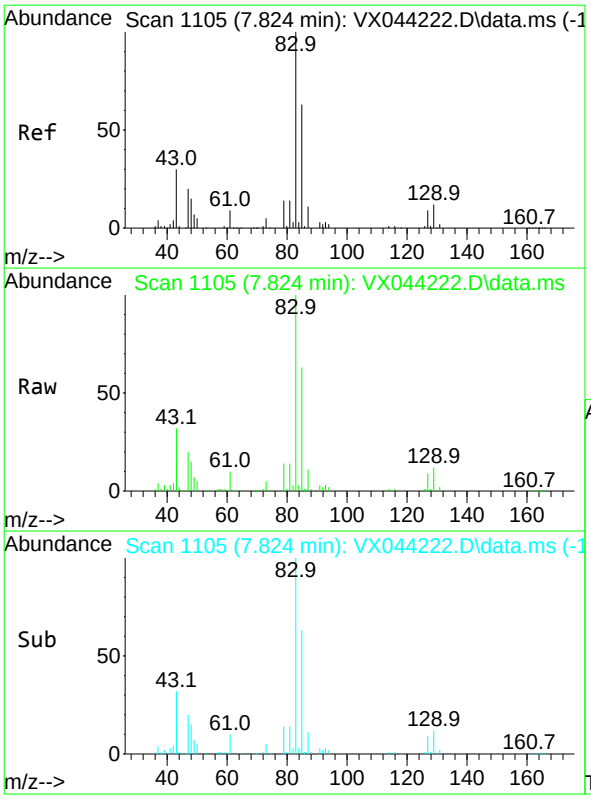


#46
Dibromomethane
Concen: 53.092 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 93 Resp: 66786

Ion	Ratio	Lower	Upper
93	100		
95	81.8	65.4	98.2
174	84.9	67.9	101.9

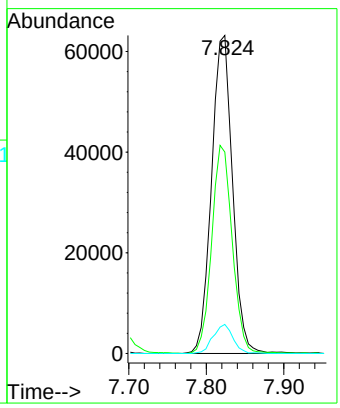




#47
Bromodichloromethane
Concen: 54.607 ug/l
RT: 7.824 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 83 Resp: 118634

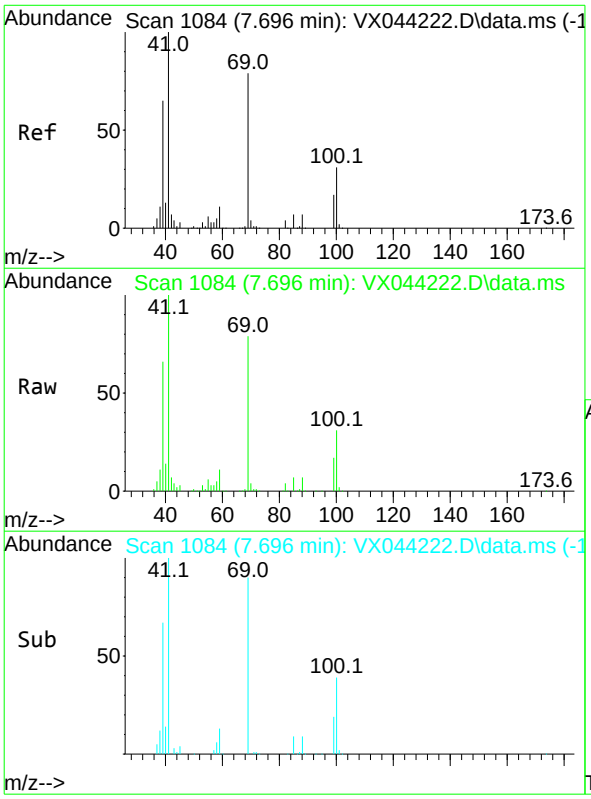
Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.6	75.8
127	9.1	7.3	10.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

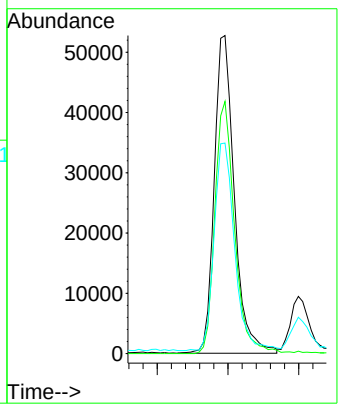
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

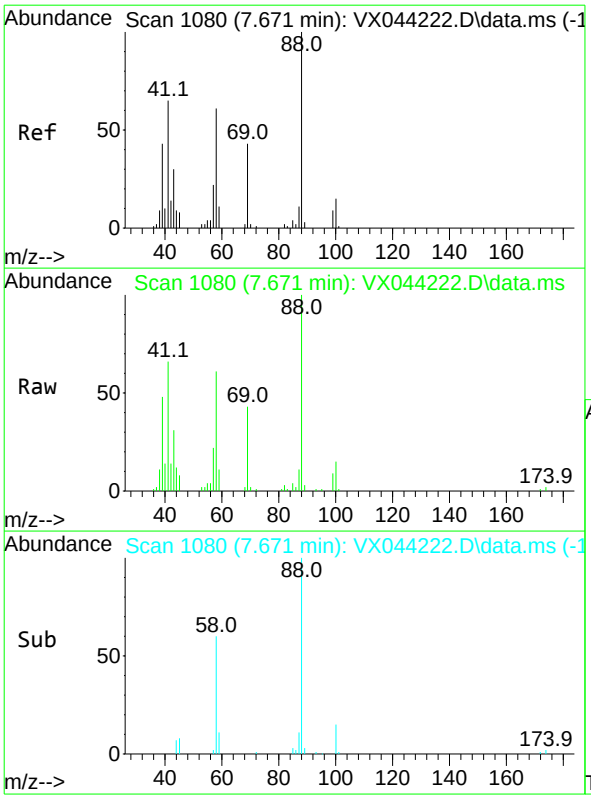


#48
Methyl methacrylate
Concen: 52.909 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 41 Resp: 103726

Ion	Ratio	Lower	Upper
41	100		
69	78.0	62.4	93.6
39	66.6	53.3	79.9

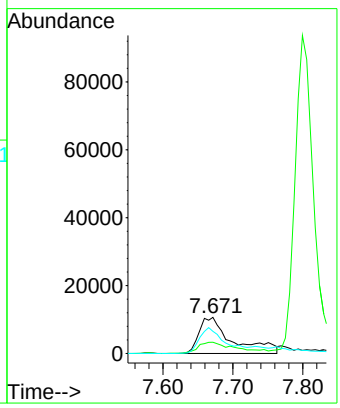




#49
1,4-Dioxane
Concen: 1052.498 ug/l m
RT: 7.671 min Scan# 10
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 88 Resp: 35263

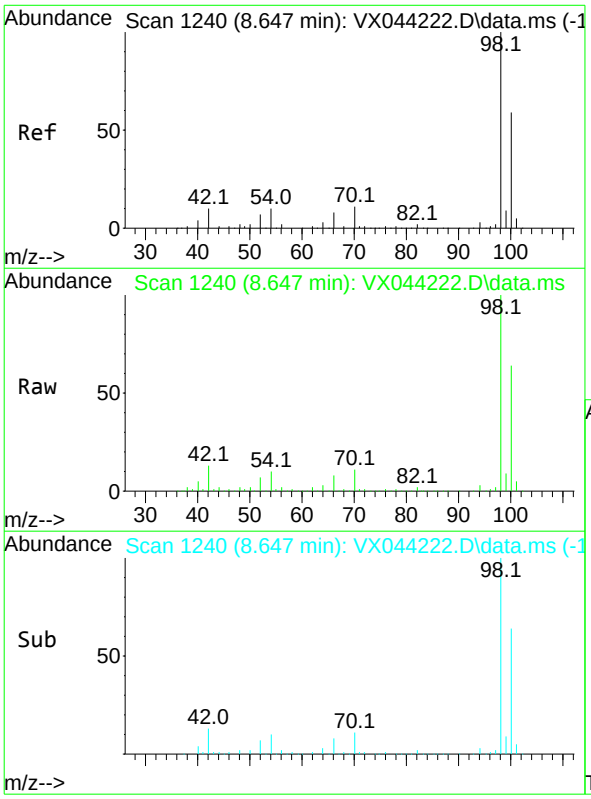
Ion	Ratio	Lower	Upper
88	100		
43	36.2	27.1	40.7
58	54.7	41.0	61.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

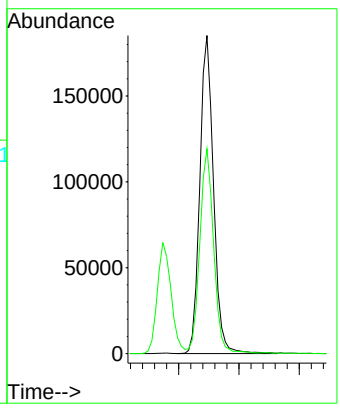
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

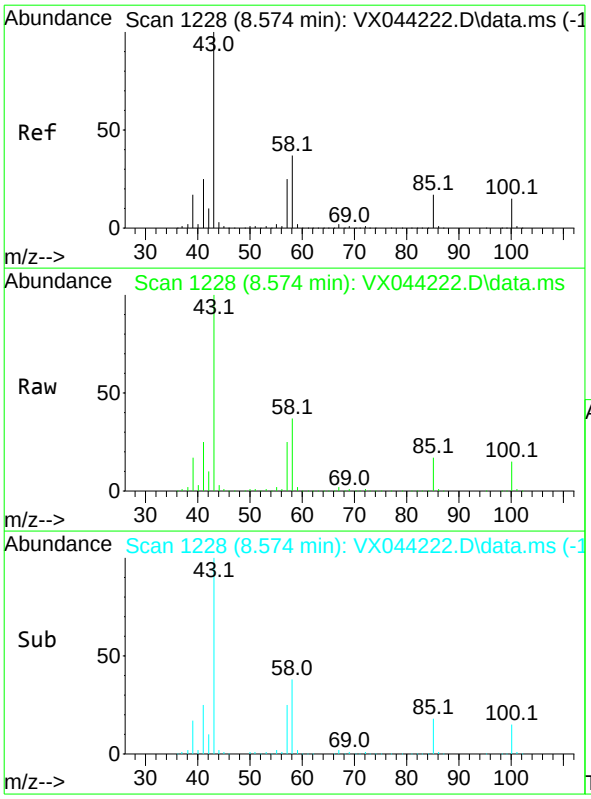


#50
Toluene-d8
Concen: 53.559 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 98 Resp: 292199

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.5	77.3

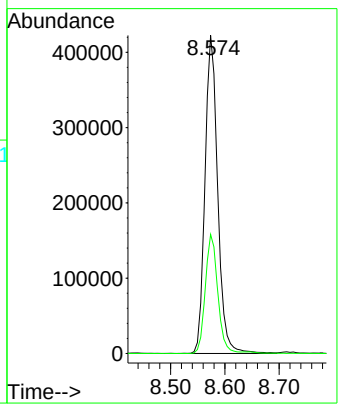




#51
4-Methyl-2-Pentanone
Concen: 265.203 ug/l
RT: 8.574 min Scan# 12
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 43 Resp: 688666

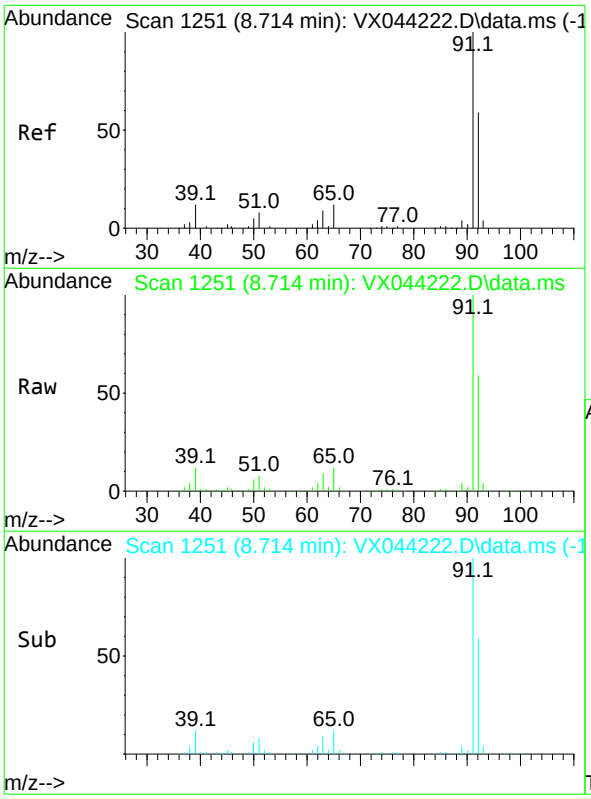
Ion	Ratio	Lower	Upper
43	100		
58	36.7	29.4	44.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

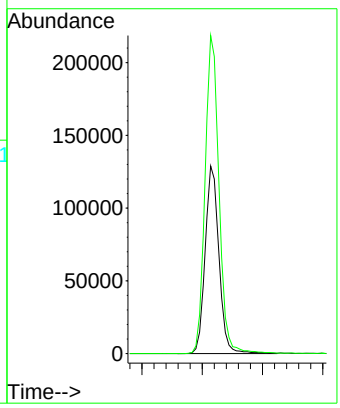
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

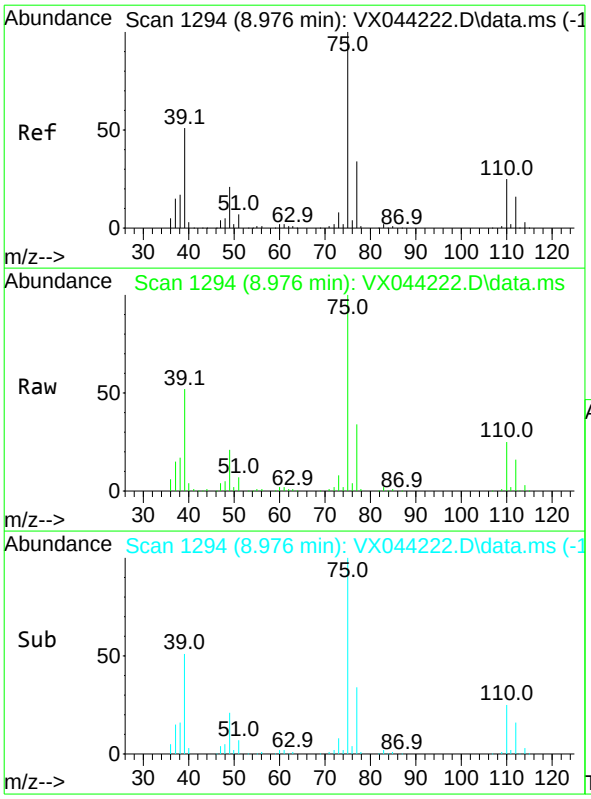


#52
Toluene
Concen: 51.370 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 92 Resp: 204738

Ion	Ratio	Lower	Upper
92	100		
91	171.3	137.0	205.6

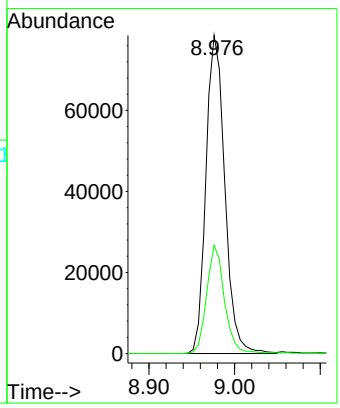




#53
t-1,3-Dichloropropene
Concen: 51.362 ug/l
RT: 8.976 min Scan# 12
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 75 Resp: 120007

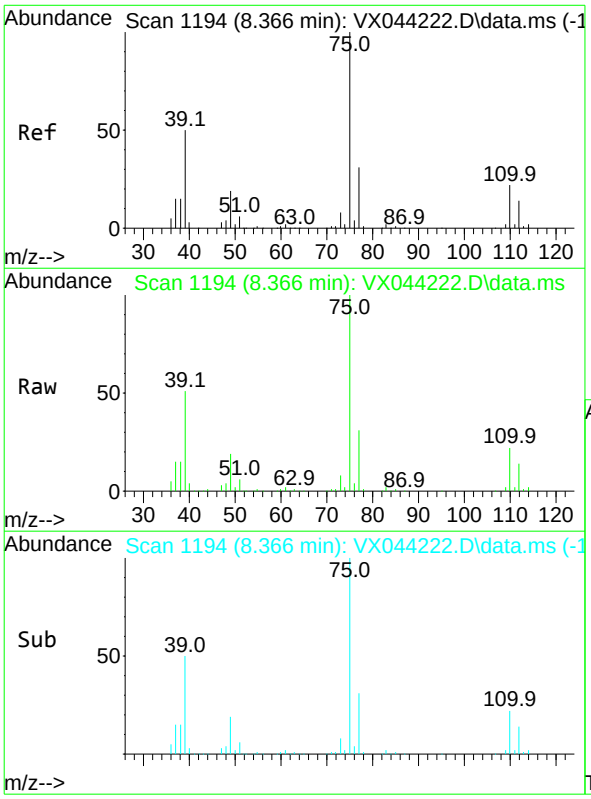
Ion	Ratio	Lower	Upper
75	100		
77	34.0	27.2	40.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

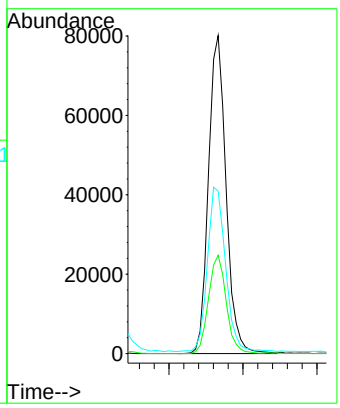
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

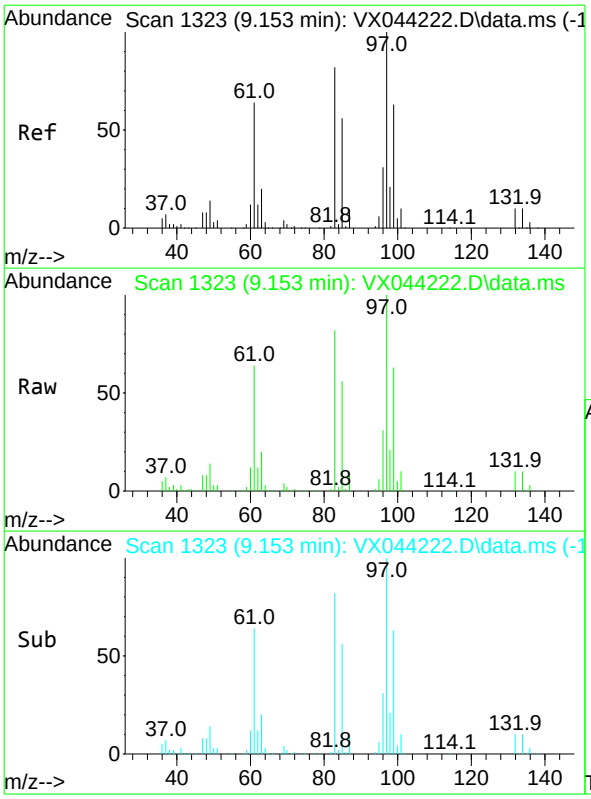


#54
cis-1,3-Dichloropropene
Concen: 55.923 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 75 Resp: 132286

Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.7	37.1
39	50.4	40.3	60.5

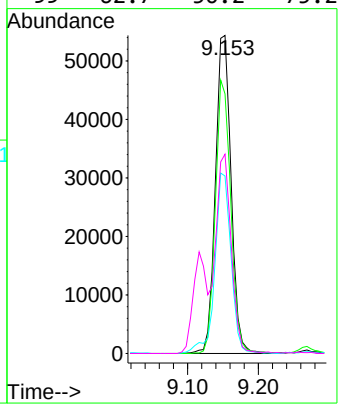




#55
1,1,2-Trichloroethane
Concen: 52.729 ug/l
RT: 9.153 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 97 Resp: 83488

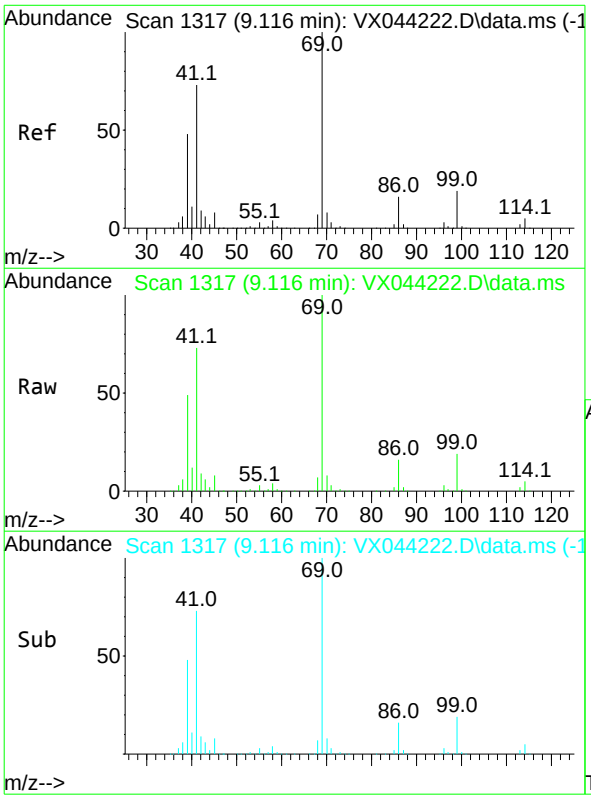
Ion	Ratio	Lower	Upper
97	100		
83	81.6	65.3	97.9
85	55.8	44.6	67.0
99	62.7	50.2	75.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

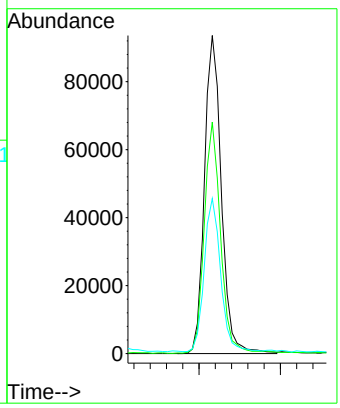
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

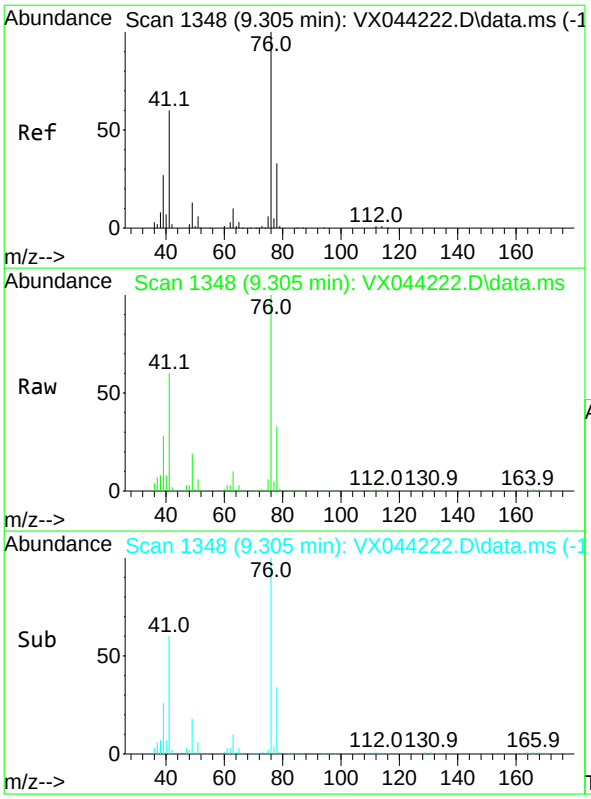


#56
Ethyl methacrylate
Concen: 53.917 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 69 Resp: 134770

Ion	Ratio	Lower	Upper
69	100		
41	70.8	56.6	85.0
39	46.7	37.4	56.0

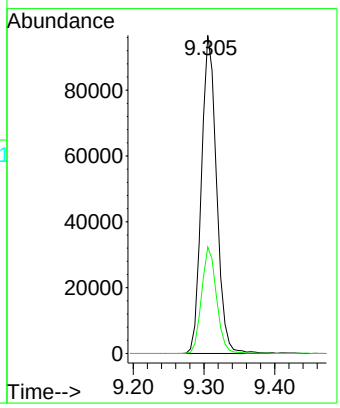




#57
1,3-Dichloropropane
Concen: 51.904 ug/l
RT: 9.305 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 76 Resp: 143044

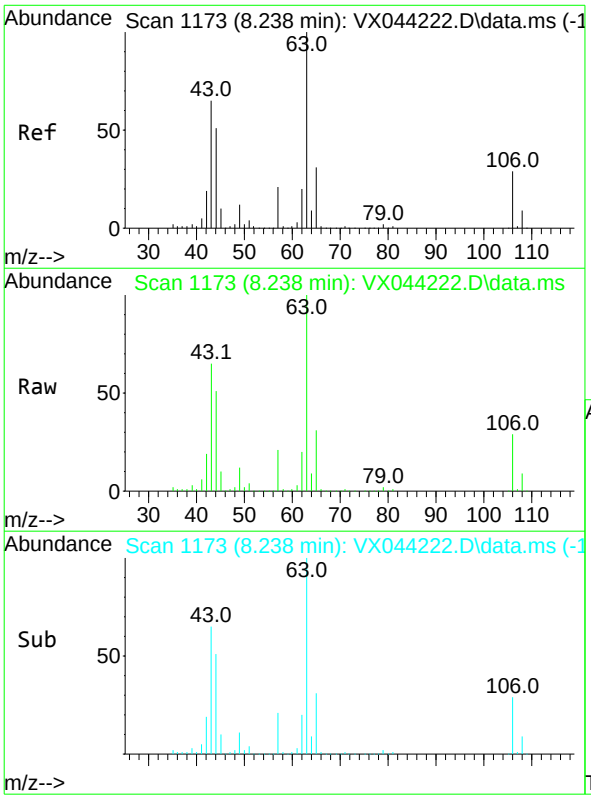
Ion	Ratio	Lower	Upper
76	100		
78	33.1	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

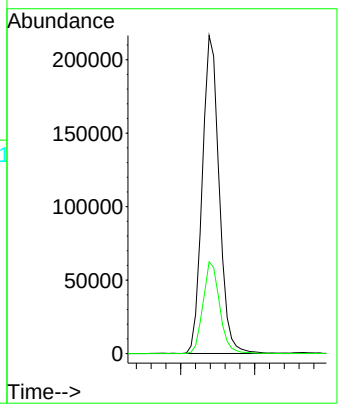
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

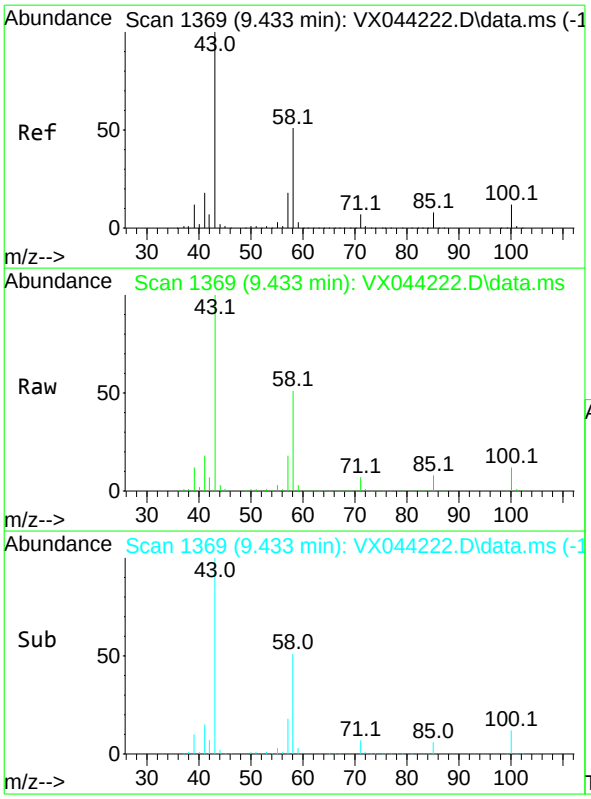


#58
2-Chloroethyl Vinyl ether
Concen: 271.745 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 63 Resp: 342592

Ion	Ratio	Lower	Upper
63	100		
106	28.5	22.8	34.2

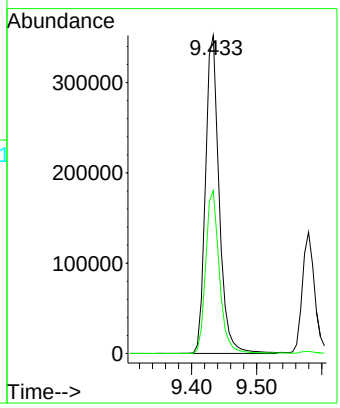




#59
2-Hexanone
Concen: 272.881 ug/l
RT: 9.433 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 43 Resp: 512906

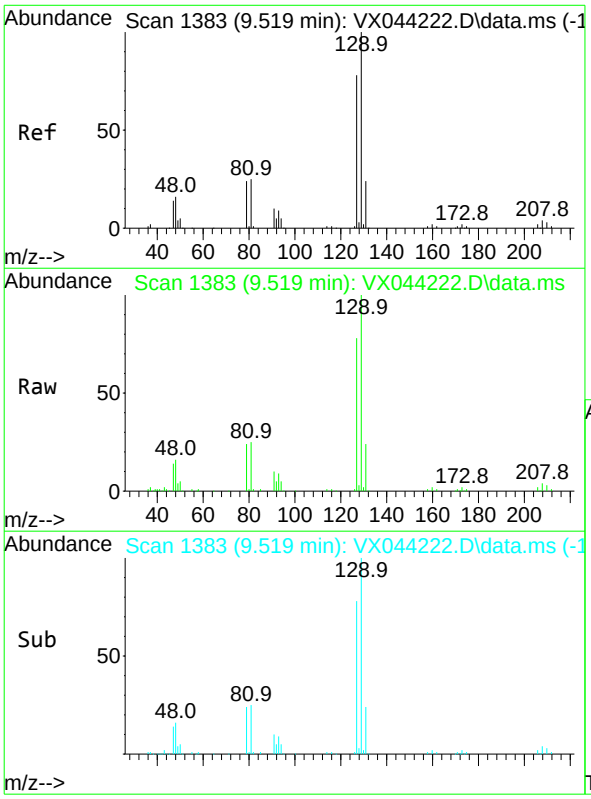
Ion	Ratio	Lower	Upper
43	100		
58	51.3	25.7	77.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

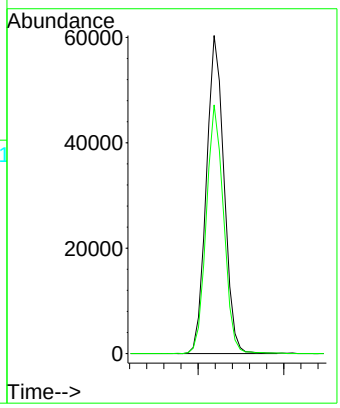
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

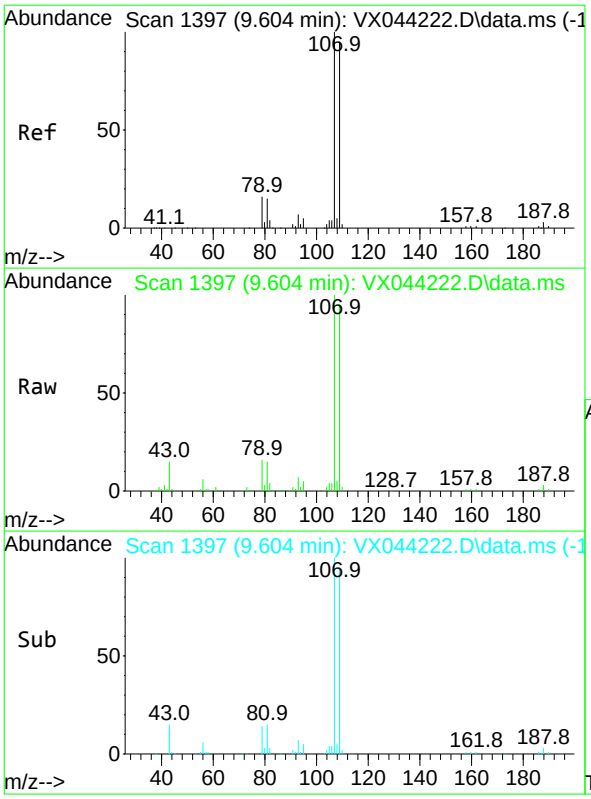


#60
Dibromochloromethane
Concen: 51.400 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:129 Resp: 86352

Ion	Ratio	Lower	Upper
129	100		
127	76.9	38.5	115.3

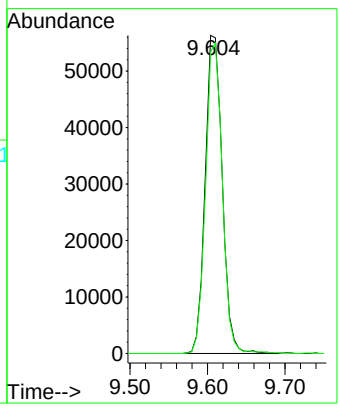




#61
1,2-Dibromoethane
Concen: 53.454 ug/l
RT: 9.604 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:107 Resp: 86150

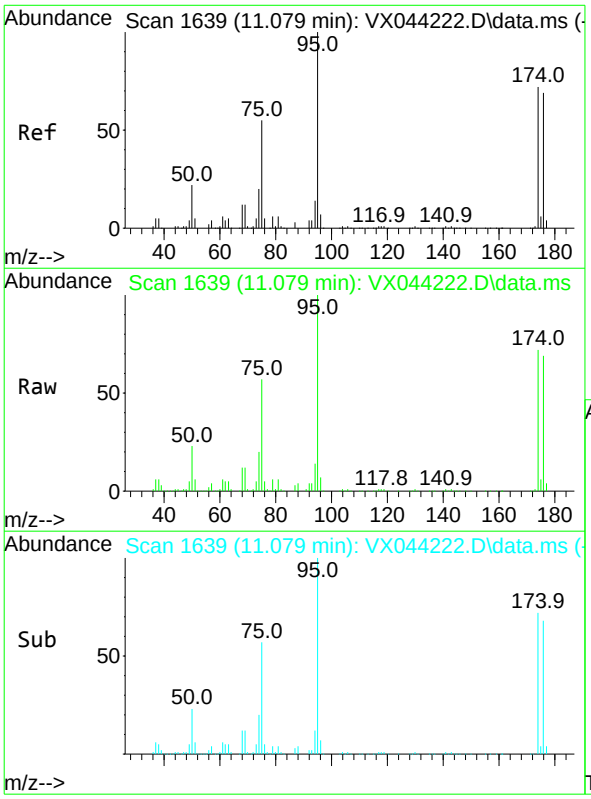
Ion	Ratio	Lower	Upper
107	100		
109	96.2	77.0	115.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

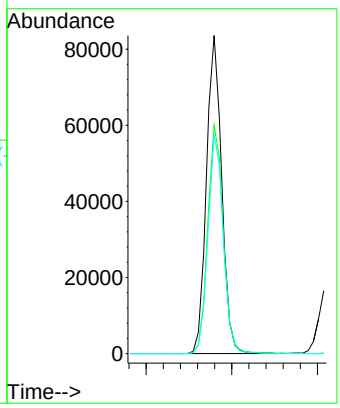
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

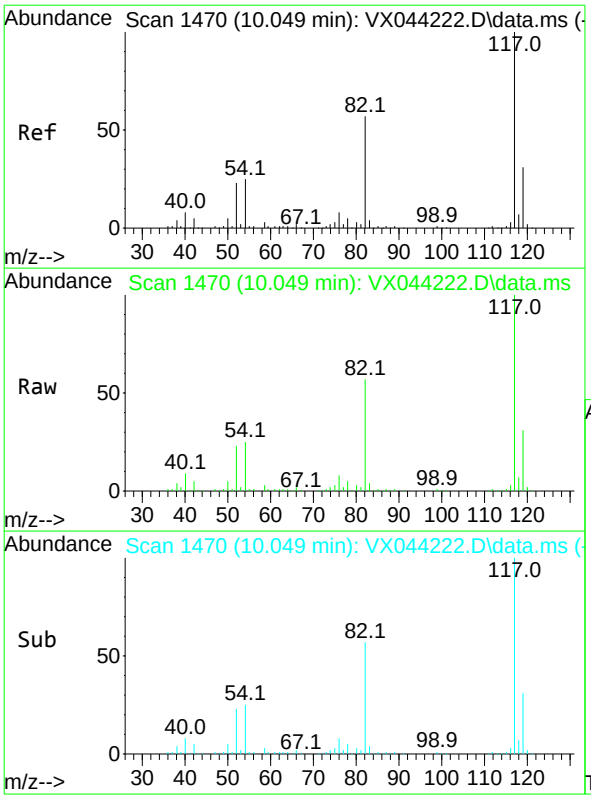


#62
4-Bromofluorobenzene
Concen: 54.123 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 95 Resp: 103178

Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	145.8
176	68.9	0.0	137.8

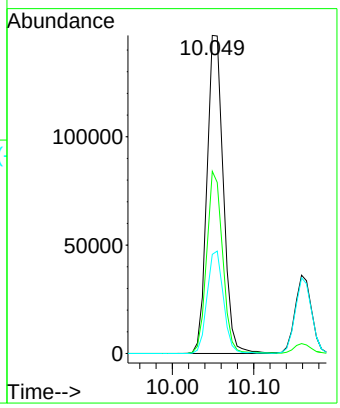




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:117 Resp: 205196

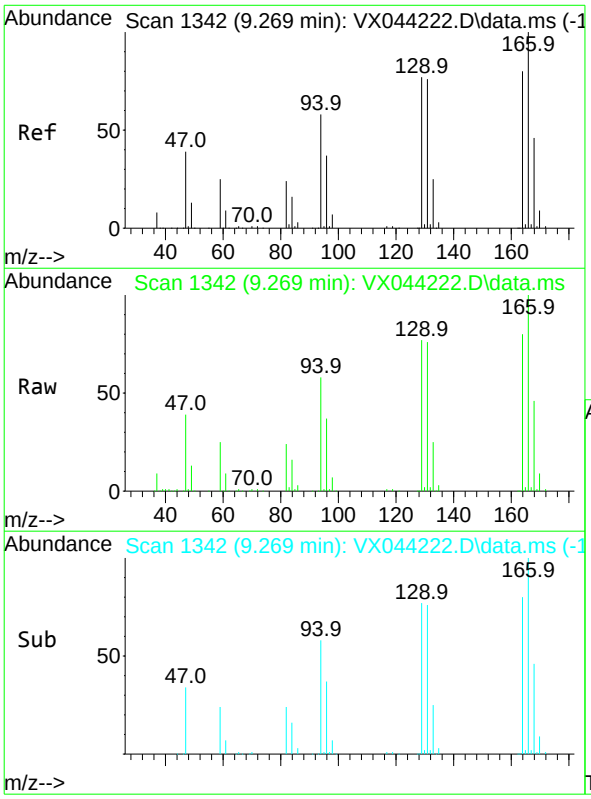
Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.8	68.8
119	31.2	25.0	37.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

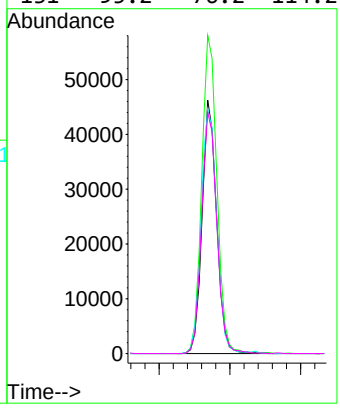
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

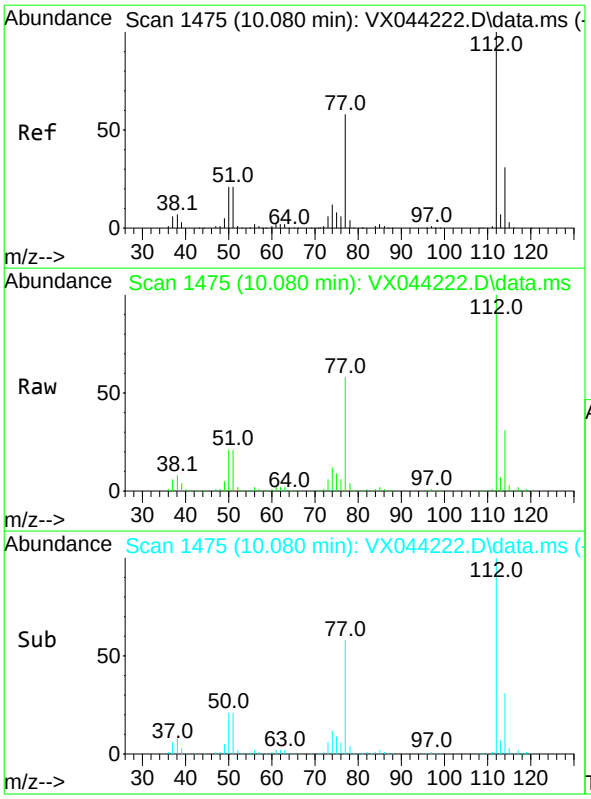


#64
Tetrachloroethene
Concen: 48.379 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:164 Resp: 65888

Ion	Ratio	Lower	Upper
164	100		
166	125.5	100.4	150.6
129	96.5	77.2	115.8
131	95.2	76.2	114.2

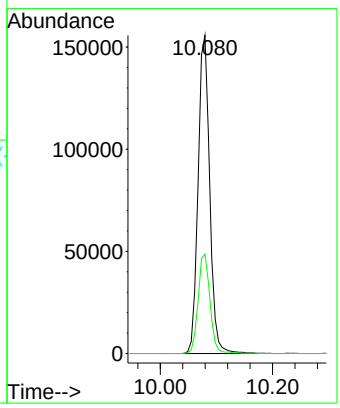




#65
Chlorobenzene
Concen: 50.779 ug/l
RT: 10.080 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:112 Resp: 223269

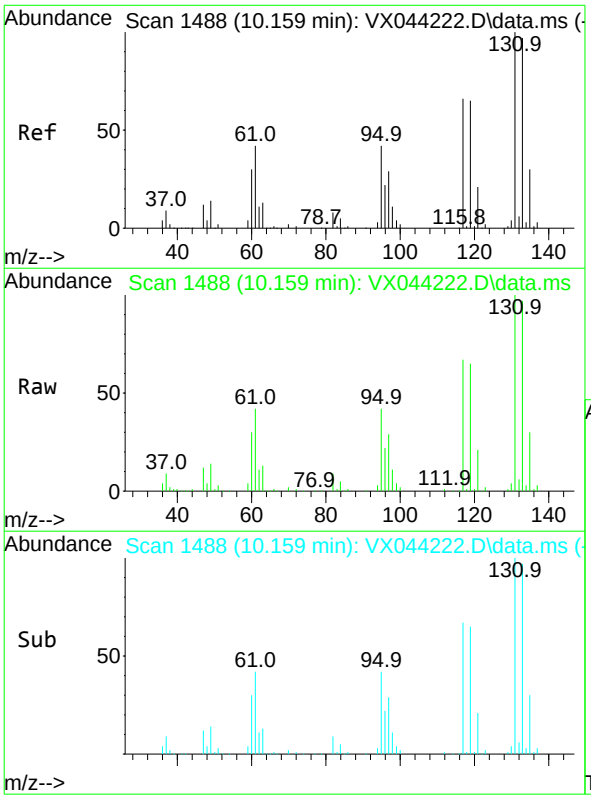
Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

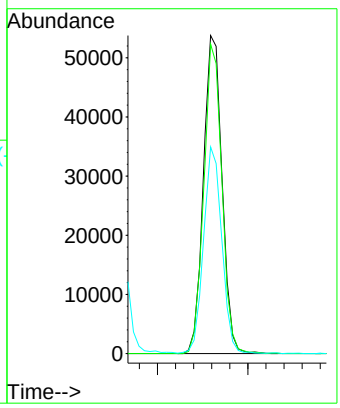
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

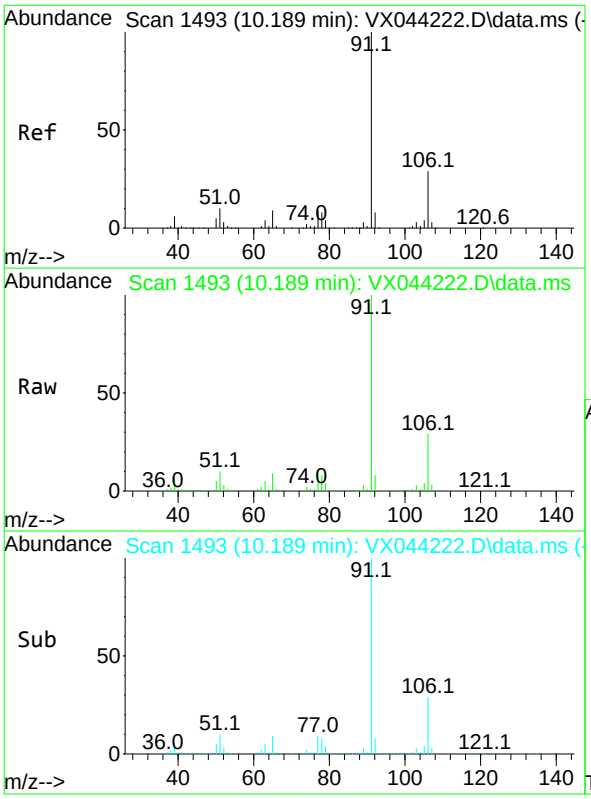


#66
1,1,1,2-Tetrachloroethane
Concen: 54.396 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:131 Resp: 76867

Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.3	141.8
119	63.3	31.6	95.0

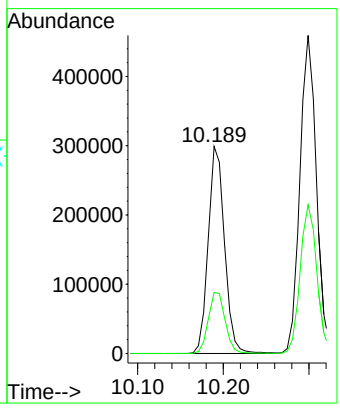




#67
Ethyl Benzene
Concen: 52.050 ug/l
RT: 10.189 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 91 Resp: 395430

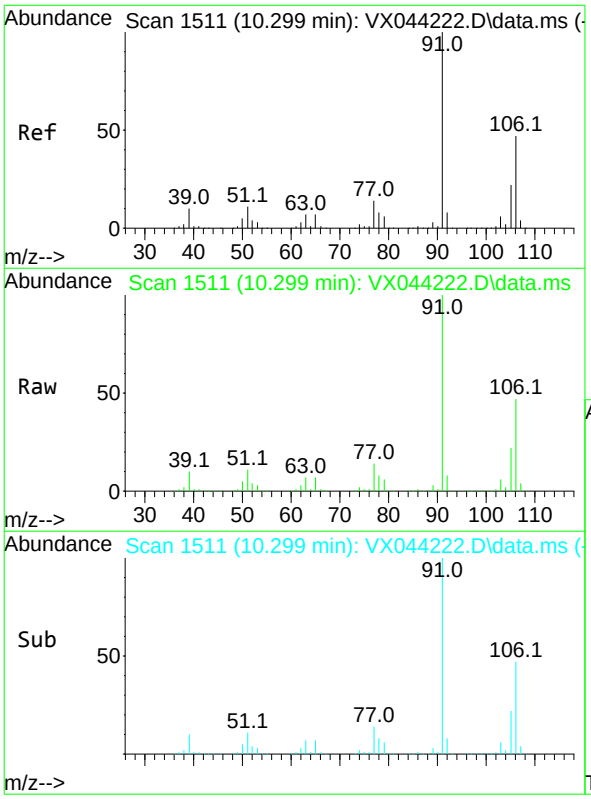
Ion	Ratio	Lower	Upper
91	100		
106	29.4	23.5	35.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

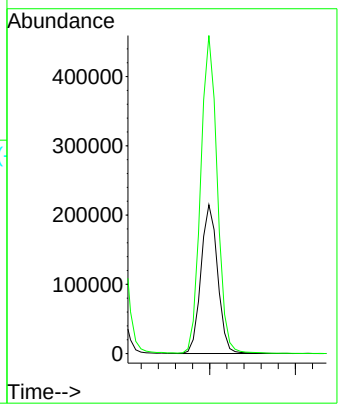
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

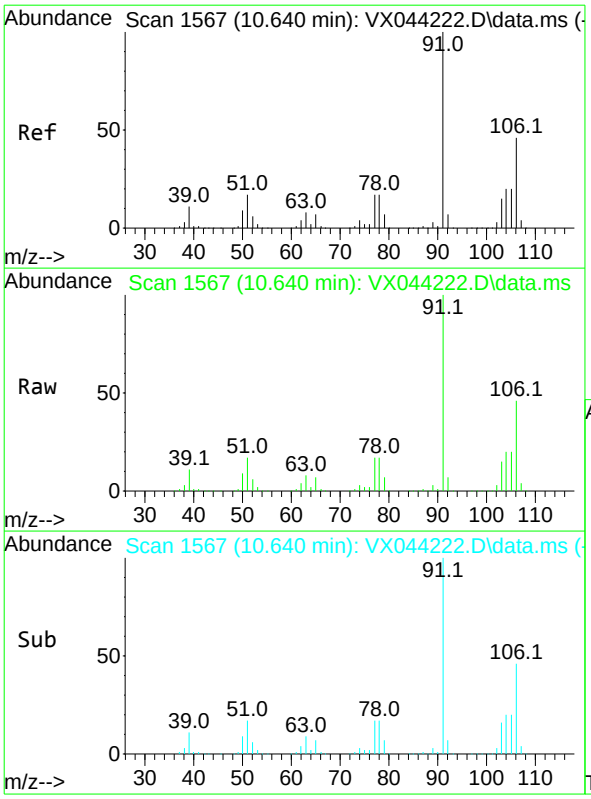


#68
m/p-Xylenes
Concen: 104.094 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:106 Resp: 290181

Ion	Ratio	Lower	Upper
106	100		
91	212.7	170.2	255.2

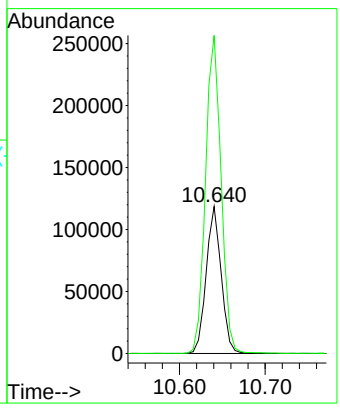




#69
o-Xylene
Concen: 51.141 ug/l
RT: 10.640 min Scan# 15
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:106 Resp: 144247

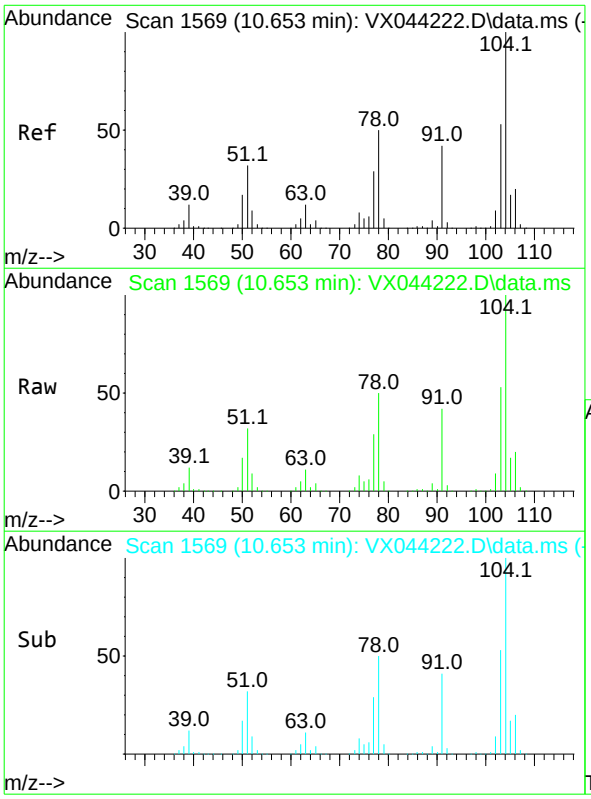
Ion	Ratio	Lower	Upper
106	100		
91	224.7	112.3	337.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

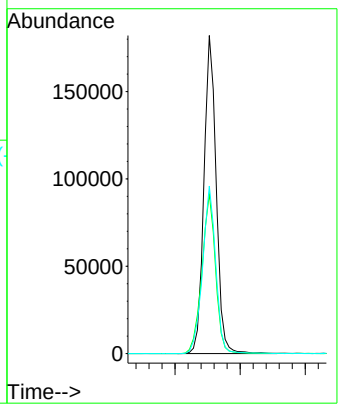
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

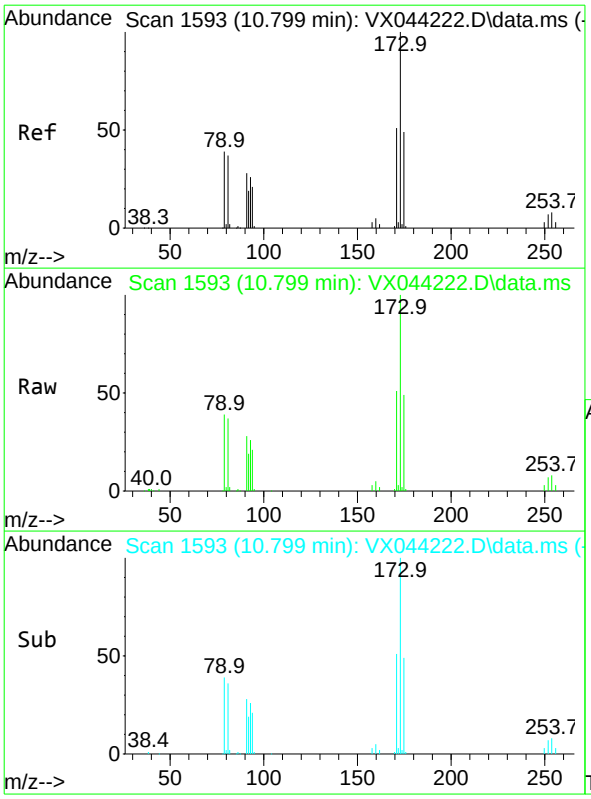


#70
Styrene
Concen: 52.719 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:104 Resp: 238379

Ion	Ratio	Lower	Upper
104	100		
78	55.8	44.6	67.0
103	56.7	45.4	68.0

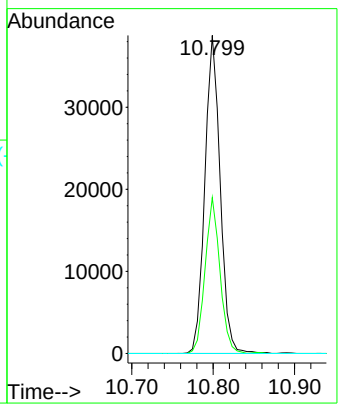




#71
Bromoform
Concen: 51.158 ug/l
RT: 10.799 min Scan# 15
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:173 Resp: 50667

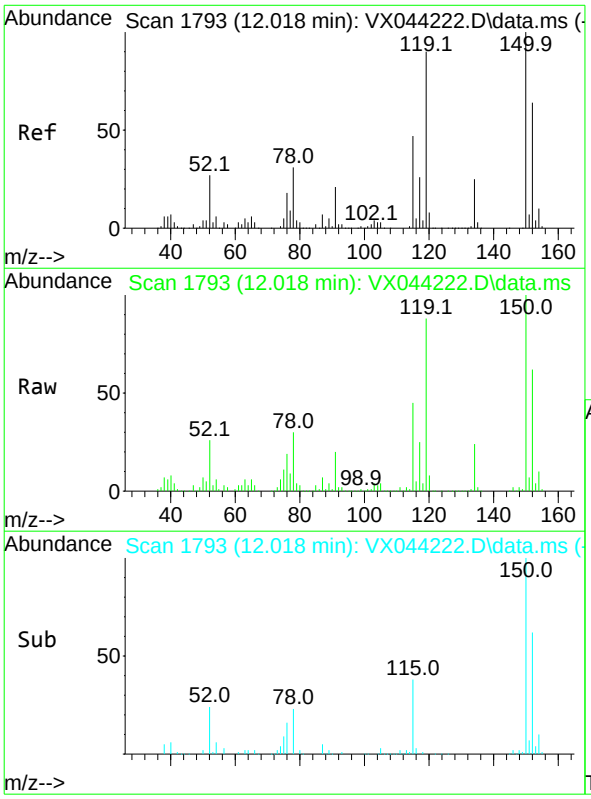
Ion	Ratio	Lower	Upper
173	100		
175	47.6	23.8	71.4
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

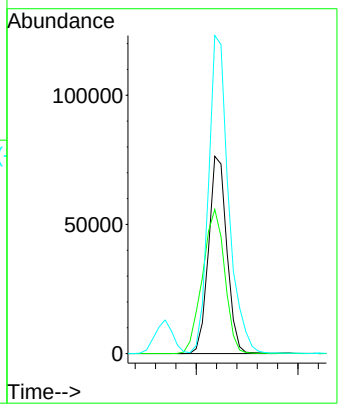
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

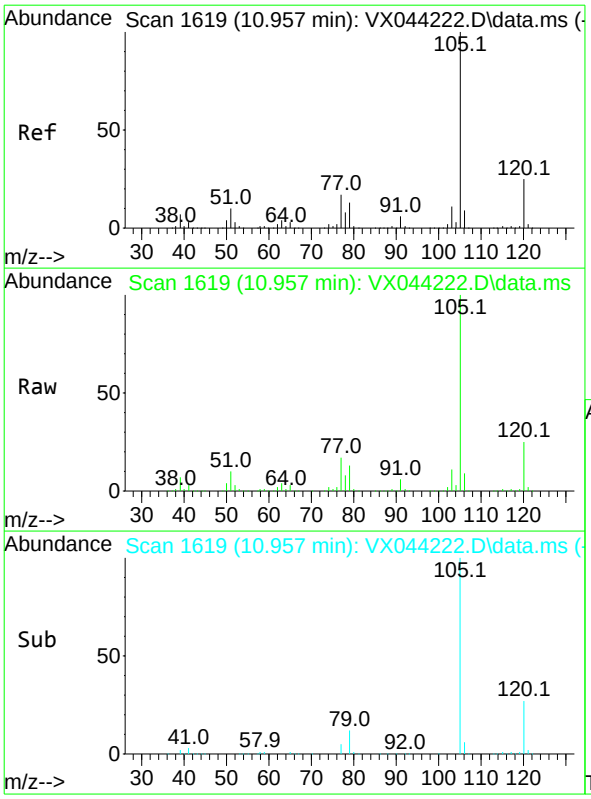


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:152 Resp: 95227

Ion	Ratio	Lower	Upper
152	100		
115	88.9	44.5	133.3
150	176.9	0.0	353.8

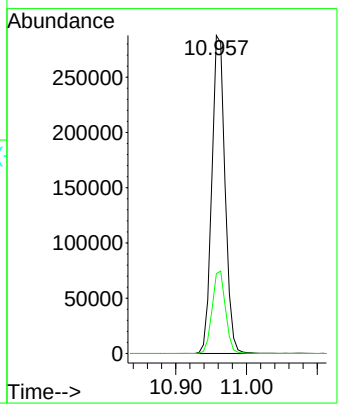




#73
Isopropylbenzene
Concen: 51.100 ug/l
RT: 10.957 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:105 Resp: 372519

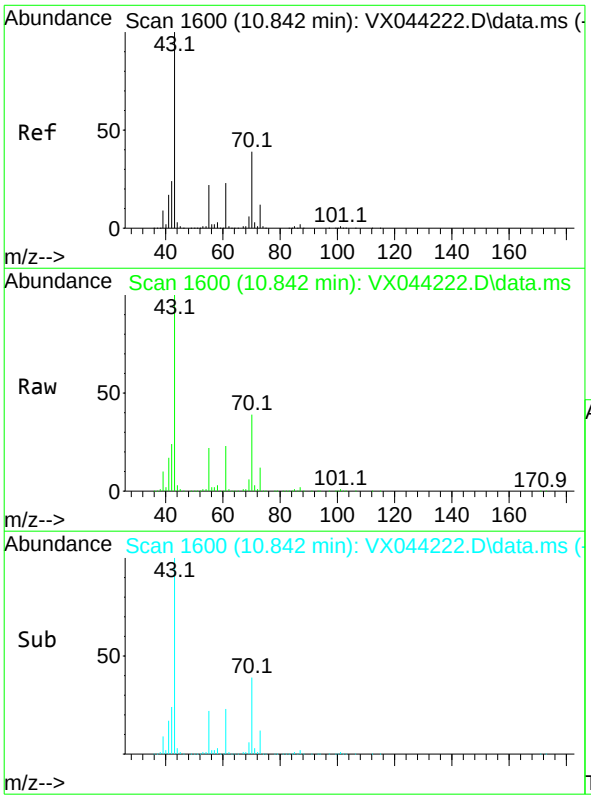
Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.1	39.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

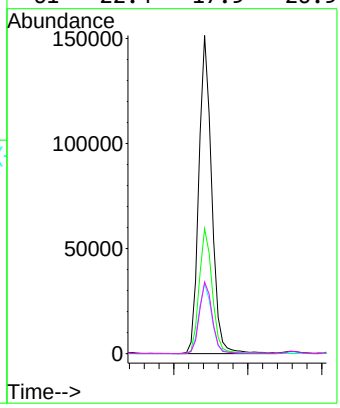
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

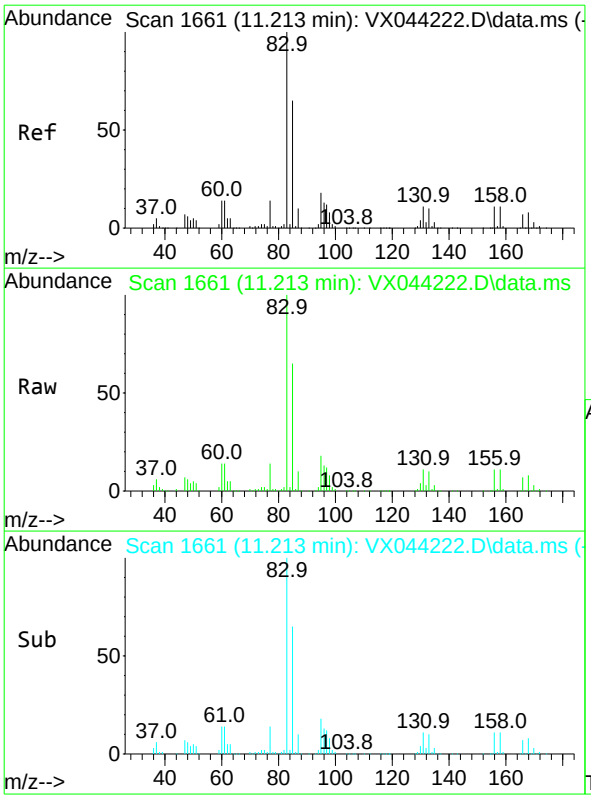


#74
N-amyl acetate
Concen: 54.166 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 43 Resp: 182491

Ion	Ratio	Lower	Upper
43	100		
70	39.9	31.9	47.9
55	22.4	17.9	26.9
61	22.4	17.9	26.9

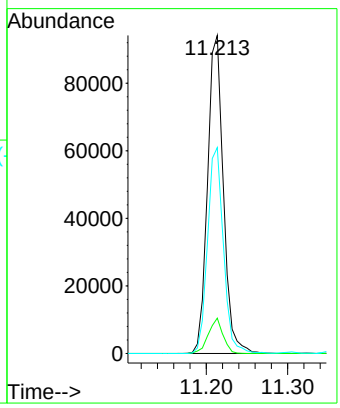




#75
1,1,2,2-Tetrachloroethane
Concen: 50.233 ug/l
RT: 11.213 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 83 Resp: 127193

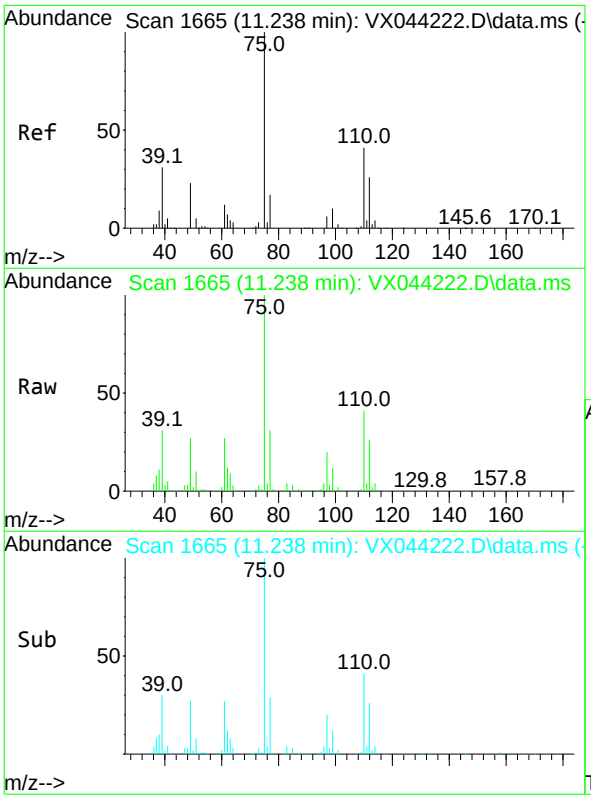
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.1	15.4
85	64.9	32.5	97.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

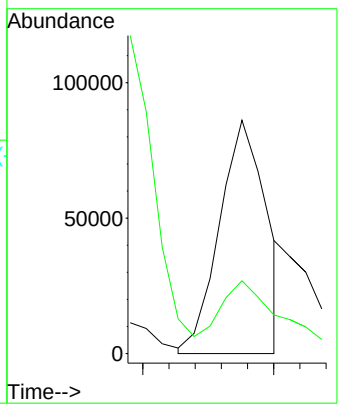
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

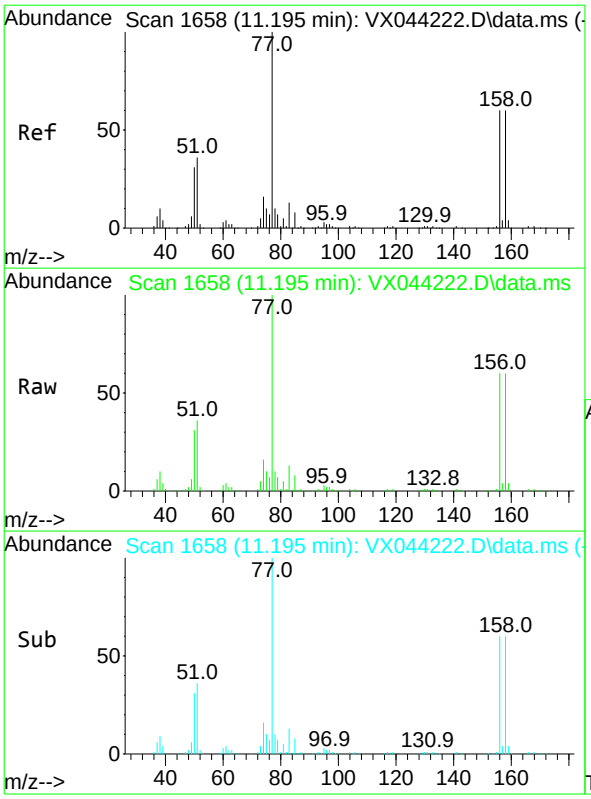


#76
1,2,3-Trichloropropane
Concen: 49.518 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 75 Resp: 107003

Ion	Ratio	Lower	Upper
75	100		
77	41.8	20.9	62.7

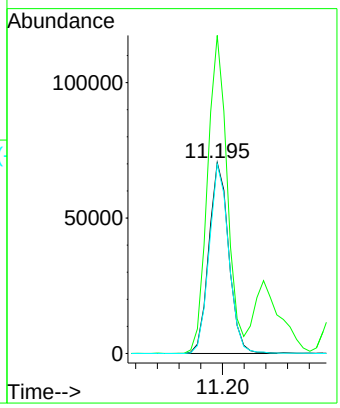




#77
Bromobenzene
Concen: 50.734 ug/l
RT: 11.195 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:156 Resp: 89687

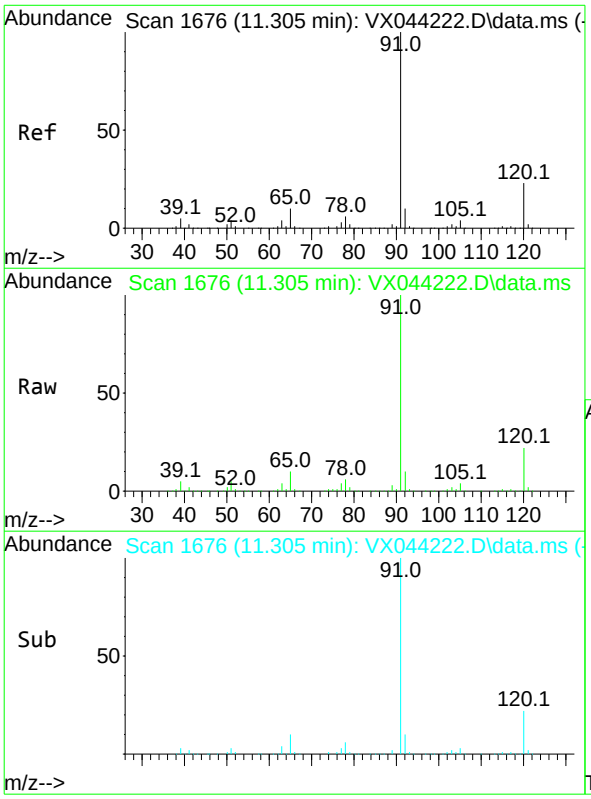
Ion	Ratio	Lower	Upper
156	100		
77	165.2	82.6	247.8
158	97.6	48.8	146.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

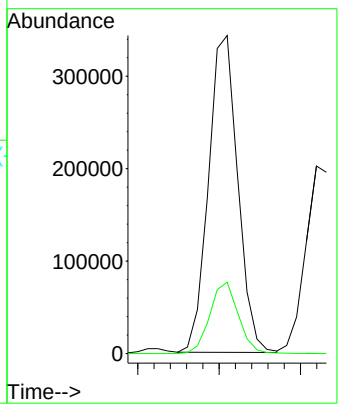
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

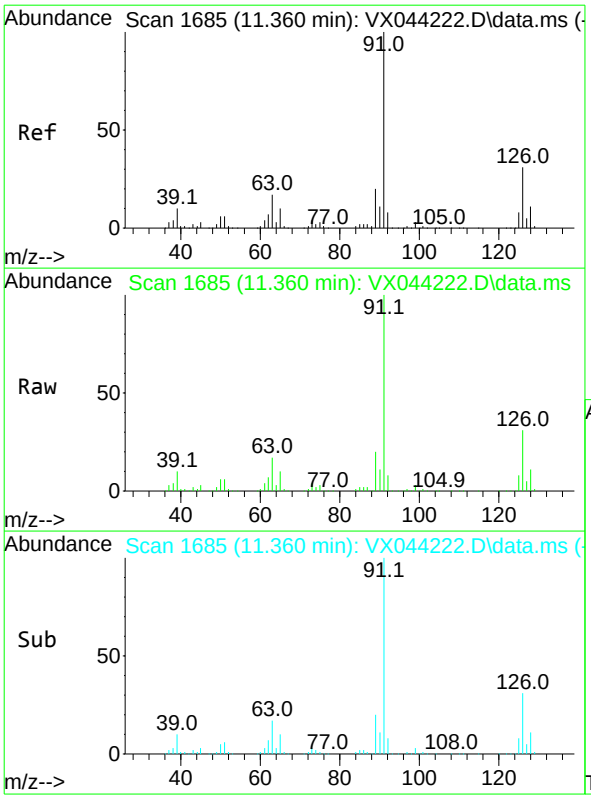


#78
n-propylbenzene
Concen: 53.211 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 91 Resp: 428741

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.0	33.0

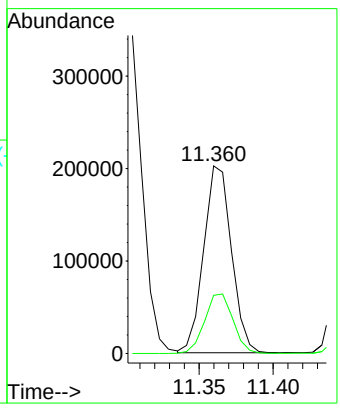




#79
2-Chlorotoluene
Concen: 50.634 ug/l
RT: 11.360 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 91 Resp: 263849

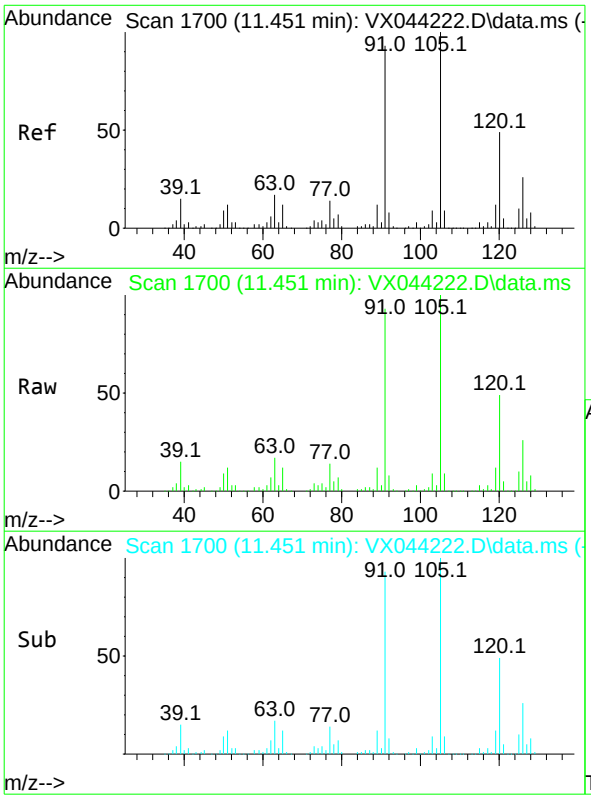
Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

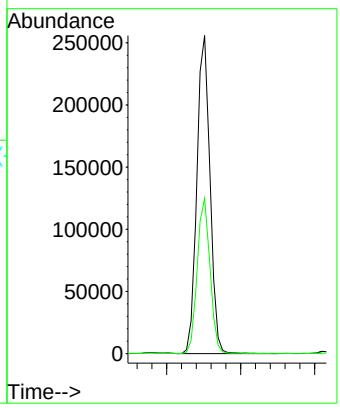
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

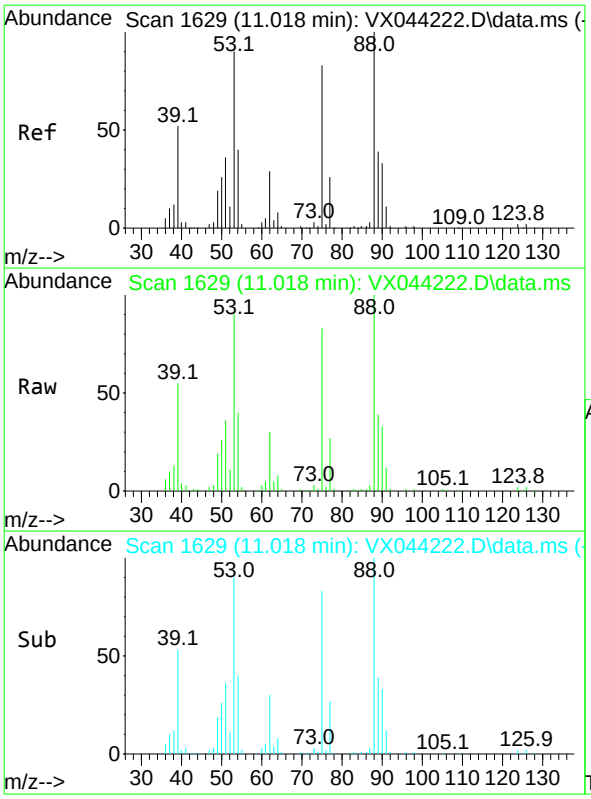


#80
1,3,5-Trimethylbenzene
Concen: 52.102 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:105 Resp: 314986

Ion	Ratio	Lower	Upper
105	100		
120	47.6	23.8	71.4

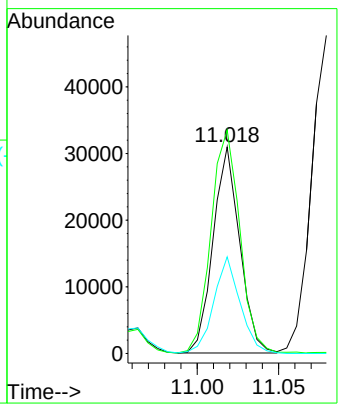




#81
trans-1,4-Dichloro-2-butene
Concen: 47.628 ug/l
RT: 11.018 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 75 Resp: 35119

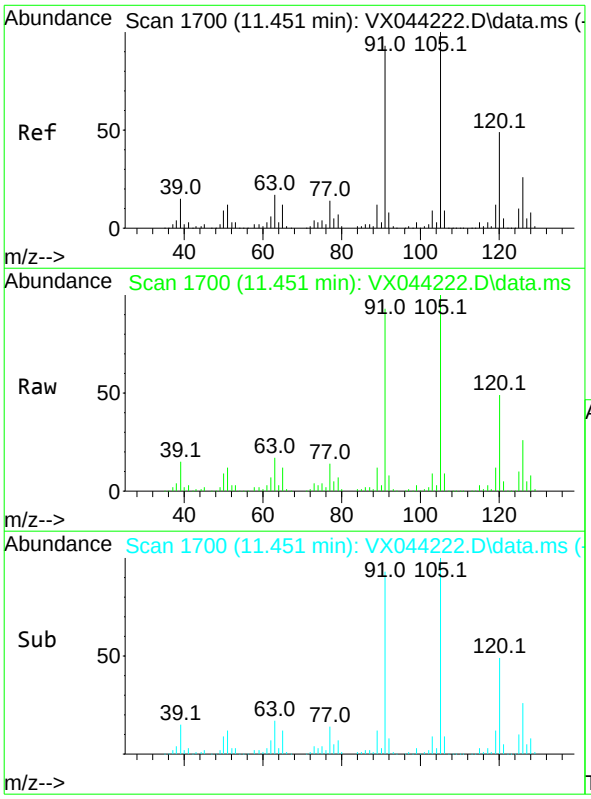
Ion	Ratio	Lower	Upper
75	100		
53	117.0	93.6	140.4
89	46.6	37.3	55.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

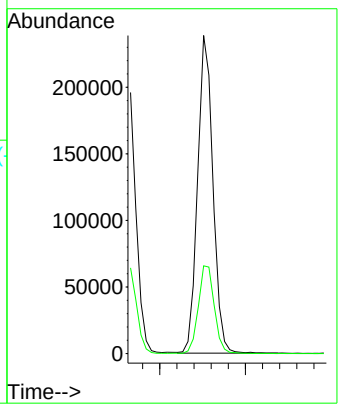
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

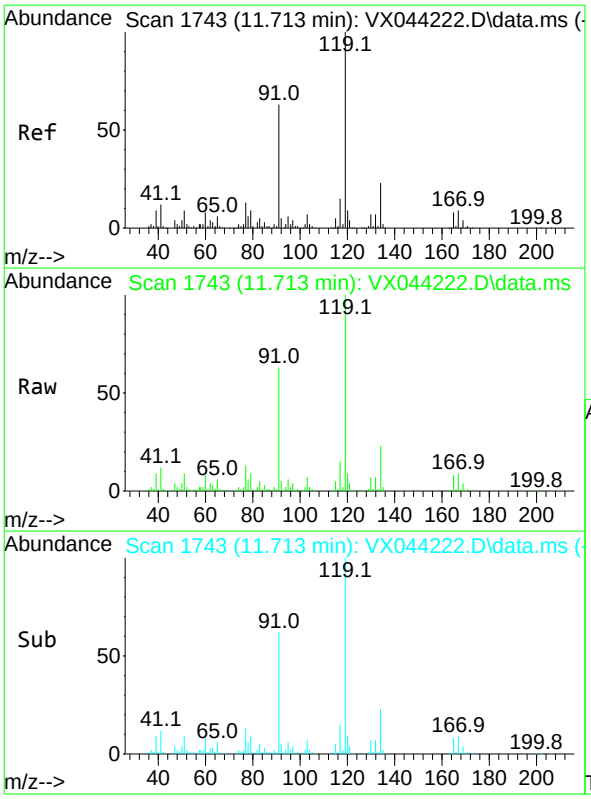


#82
4-Chlorotoluene
Concen: 51.387 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 91 Resp: 296520

Ion	Ratio	Lower	Upper
91	100		
126	29.0	14.5	43.5

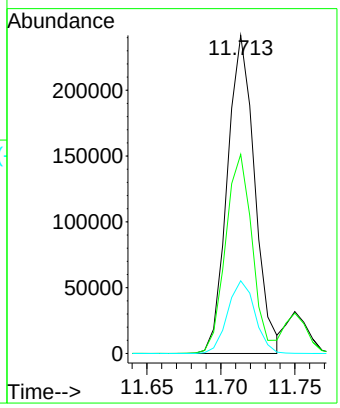




#83
tert-Butylbenzene
Concen: 51.940 ug/l
RT: 11.713 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:119 Resp: 310320

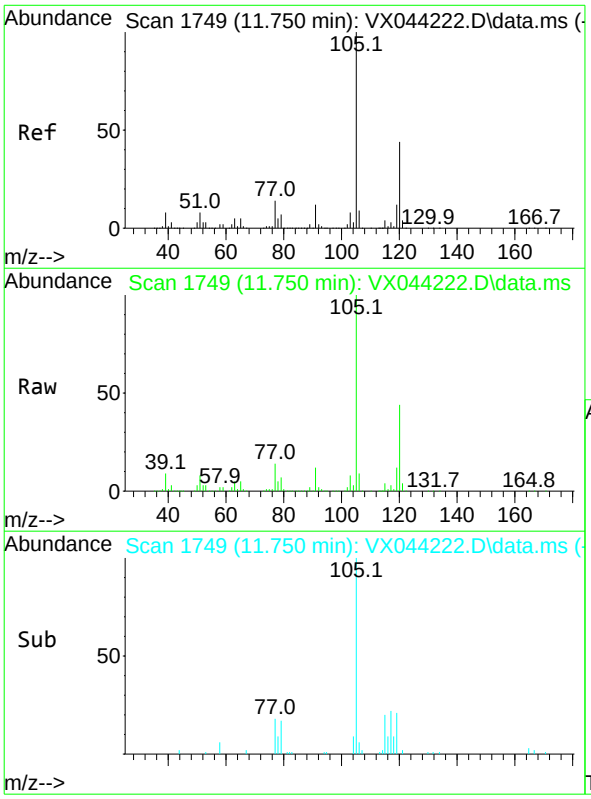
Ion	Ratio	Lower	Upper
119	100		
91	61.7	30.9	92.5
134	22.9	11.5	34.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

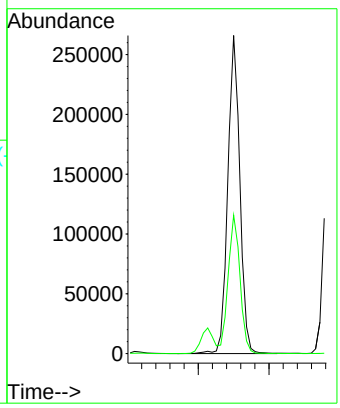
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

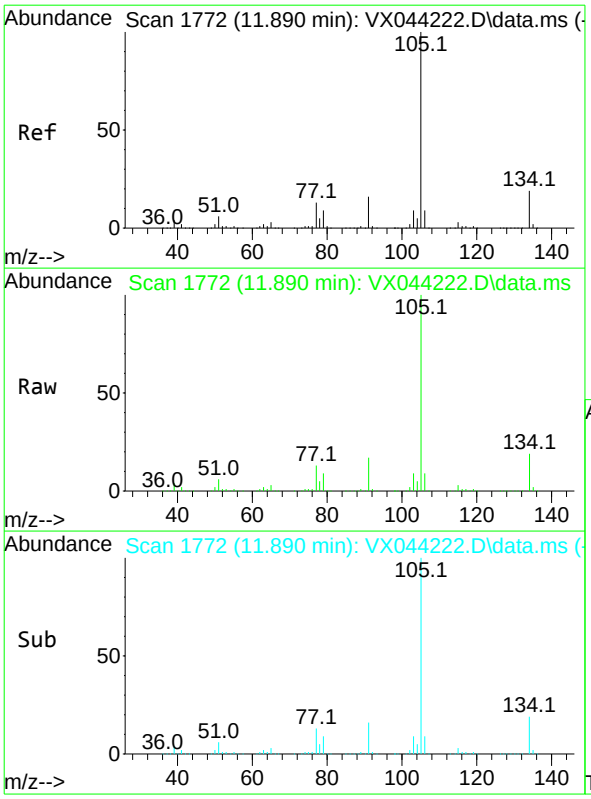


#84
1,2,4-Trimethylbenzene
Concen: 52.776 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:105 Resp: 313338

Ion	Ratio	Lower	Upper
105	100		
120	43.4	21.7	65.1

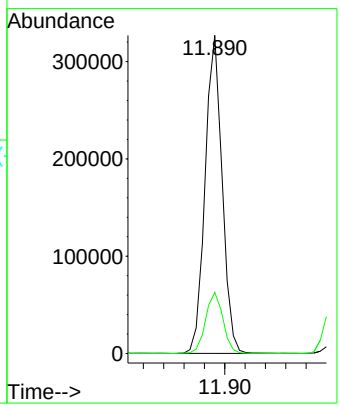




#85
sec-Butylbenzene
Concen: 52.329 ug/l
RT: 11.890 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:105 Resp: 379552

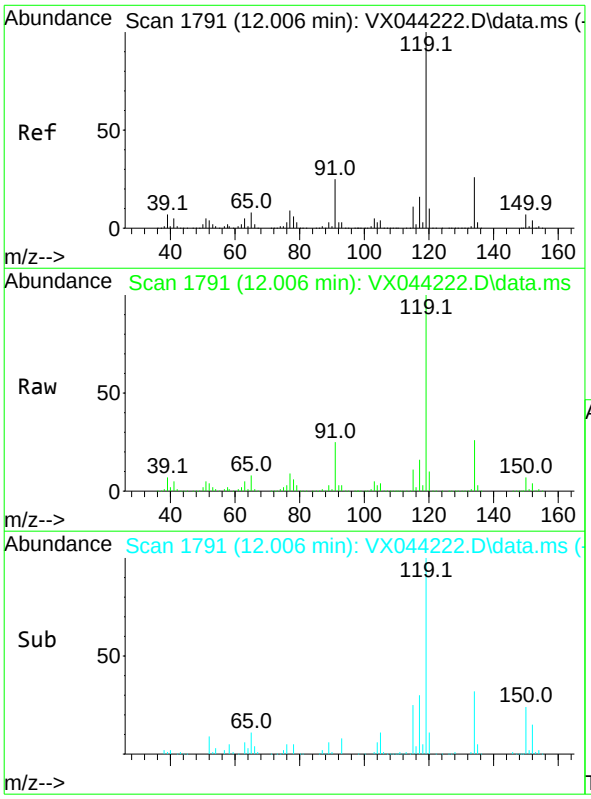
Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

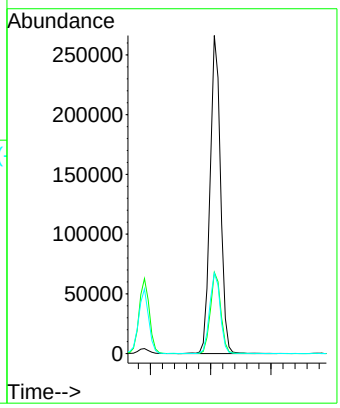
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

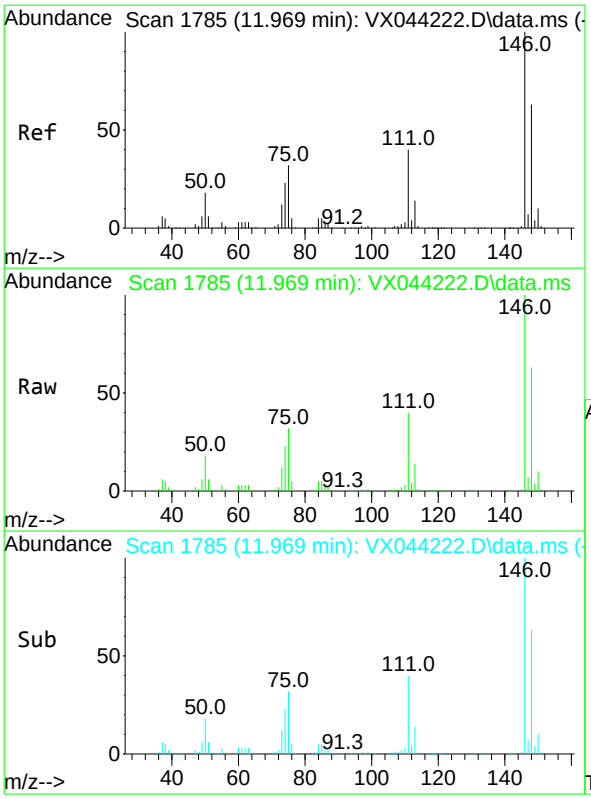


#86
p-Isopropyltoluene
Concen: 52.796 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:119 Resp: 318721

Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.8	38.4
91	26.0	13.0	39.0

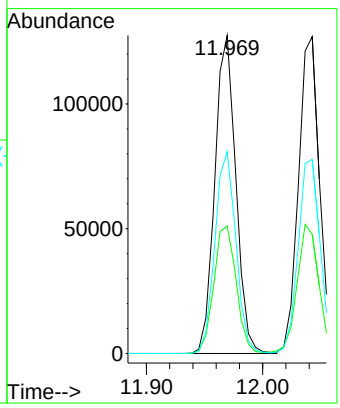




#87
1,3-Dichlorobenzene
Concen: 51.887 ug/l
RT: 11.969 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:146 Resp: 160223

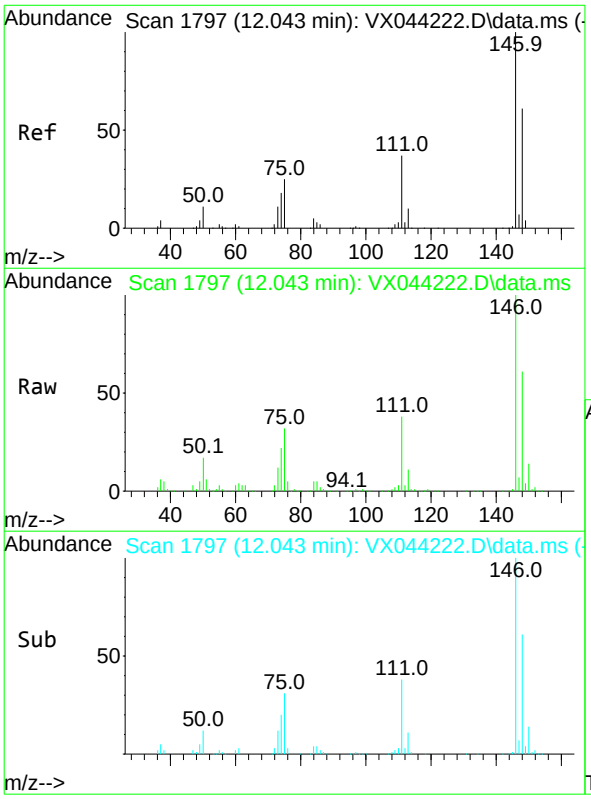
Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.4	64.2
148	63.4	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

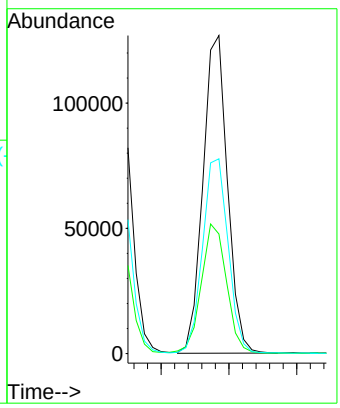
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

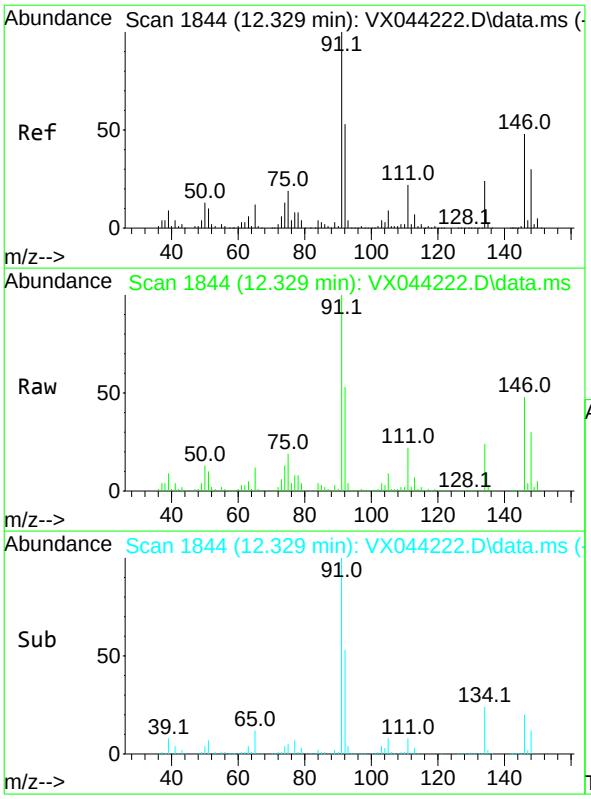


#88
1,4-Dichlorobenzene
Concen: 50.171 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:146 Resp: 159258

Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.0	63.0
148	64.5	32.3	96.8

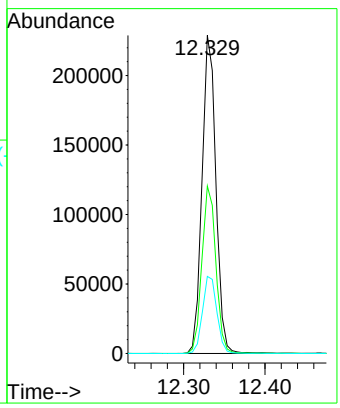




#89
n-Butylbenzene
Concen: 53.354 ug/l
RT: 12.329 min Scan# 18
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 91 Resp: 270840

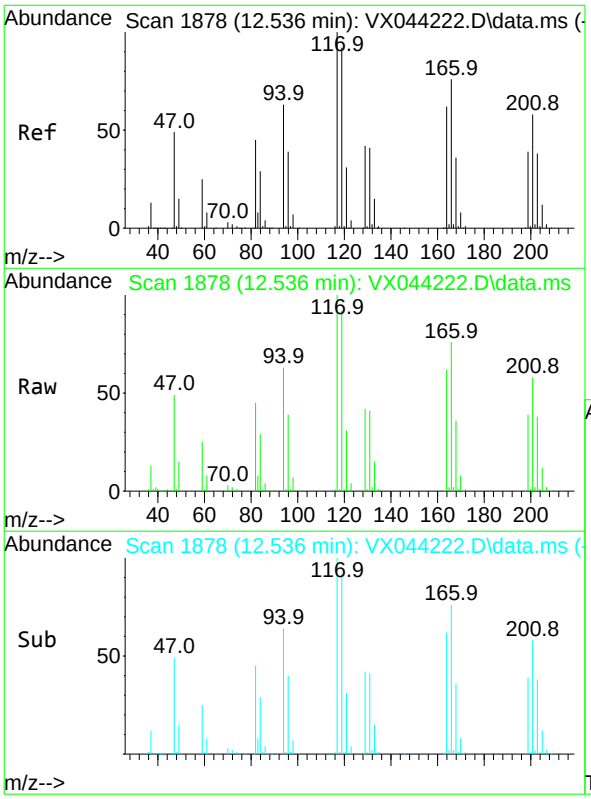
Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.6	79.7
134	25.2	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

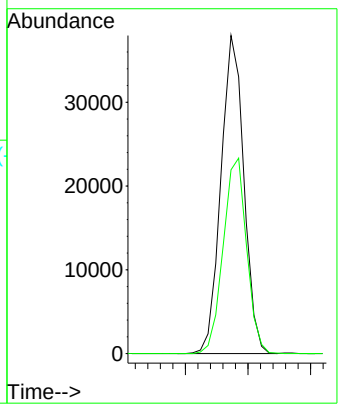
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

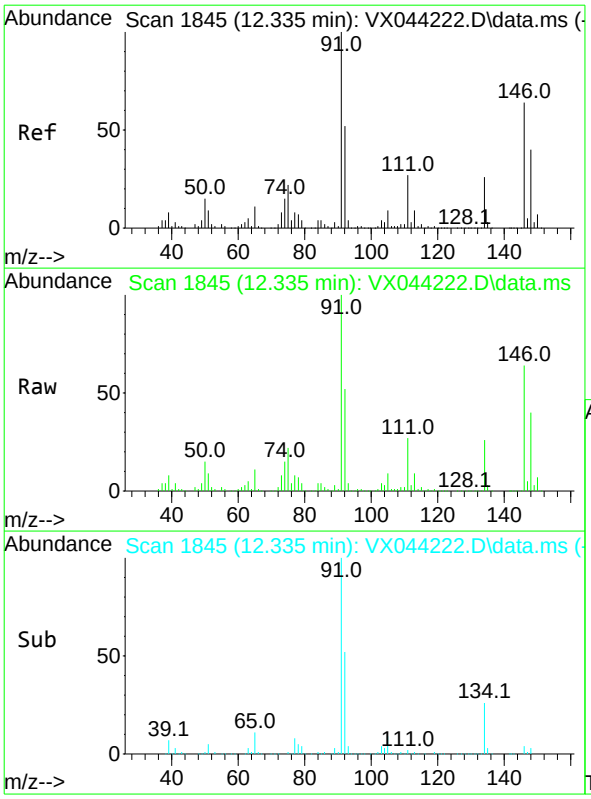


#90
Hexachloroethane
Concen: 54.813 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:117 Resp: 48303

Ion	Ratio	Lower	Upper
117	100		
201	62.8	31.4	94.2

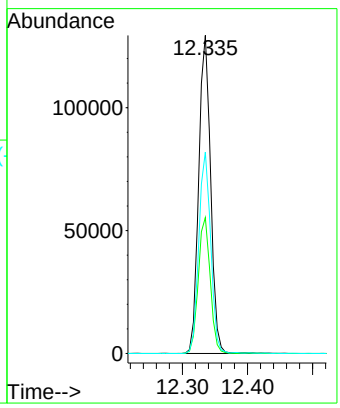




#91
1,2-Dichlorobenzene
Concen: 51.256 ug/l
RT: 12.335 min Scan# 18
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:146 Resp: 164342

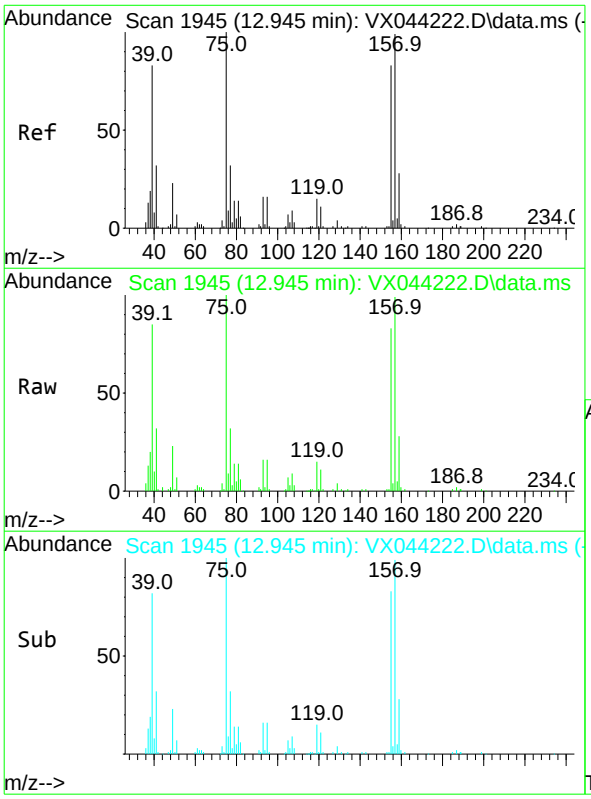
Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.4	64.3
148	63.3	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

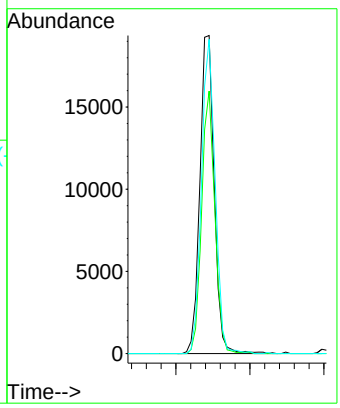
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

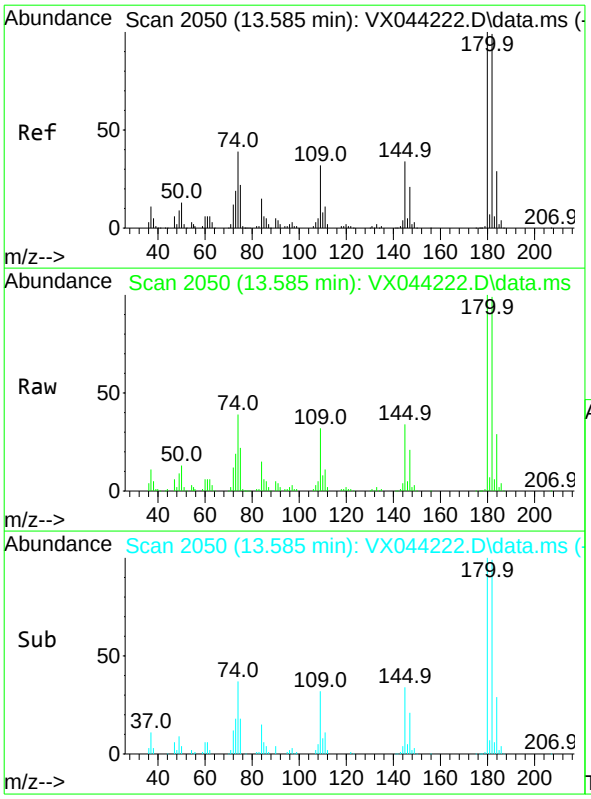


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.951 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 75 Resp: 26027

Ion	Ratio	Lower	Upper
75	100		
155	76.2	38.1	114.3
157	94.4	47.2	141.6

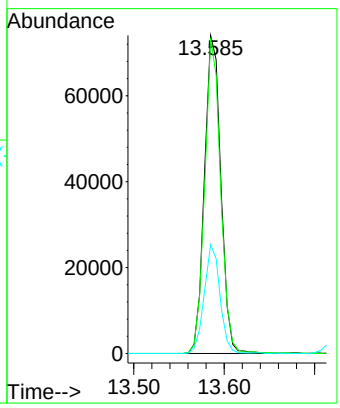




#93
1,2,4-Trichlorobenzene
Concen: 53.005 ug/l
RT: 13.585 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:180 Resp: 93173

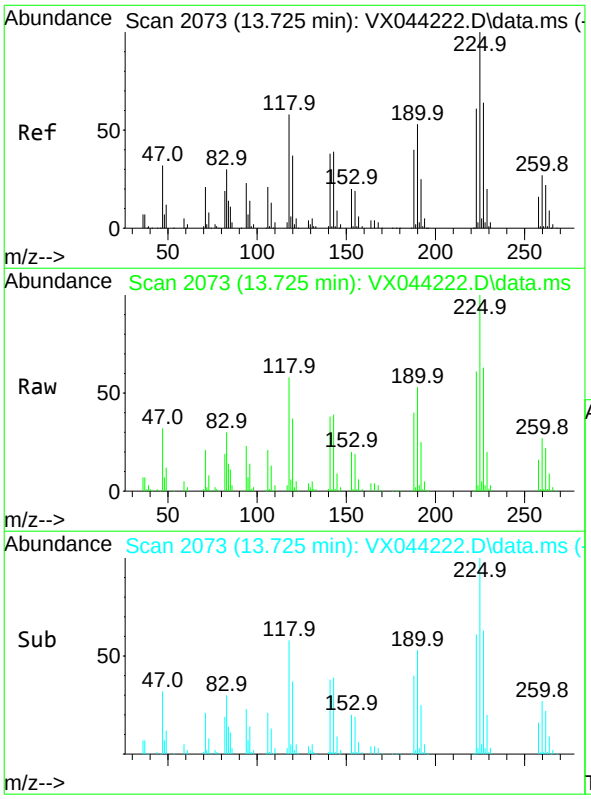
Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.0	144.2
145	33.1	16.6	49.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

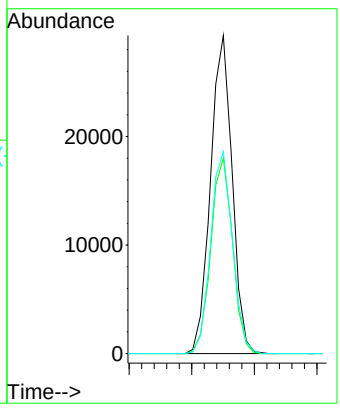
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

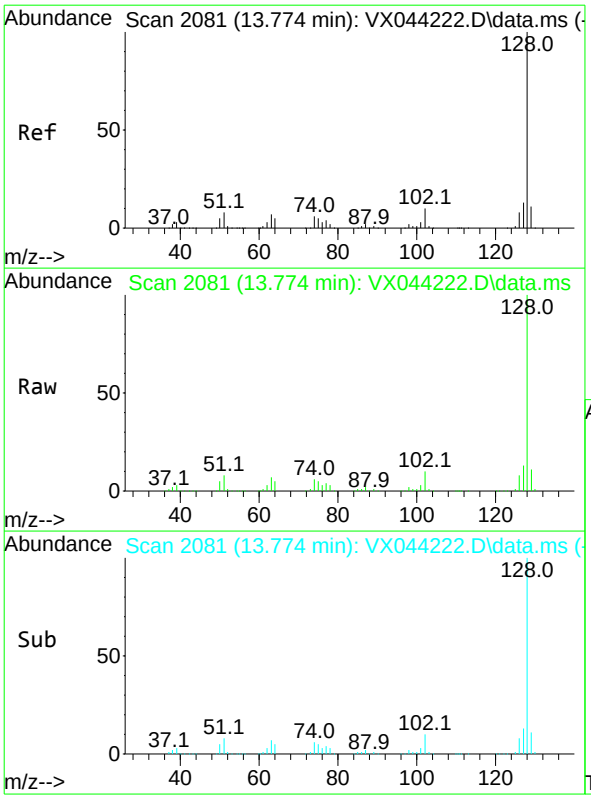


#94
Hexachlorobutadiene
Concen: 49.744 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:225 Resp: 35172

Ion	Ratio	Lower	Upper
225	100		
223	61.6	30.8	92.4
227	64.2	32.1	96.3

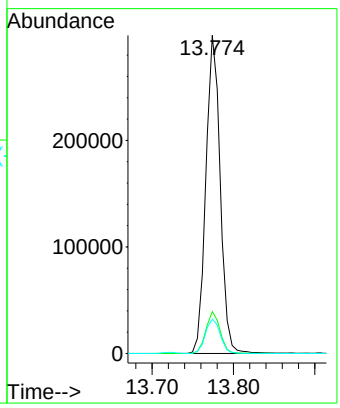




#95
Naphthalene
Concen: 53.230 ug/l
RT: 13.774 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:128 Resp: 365234

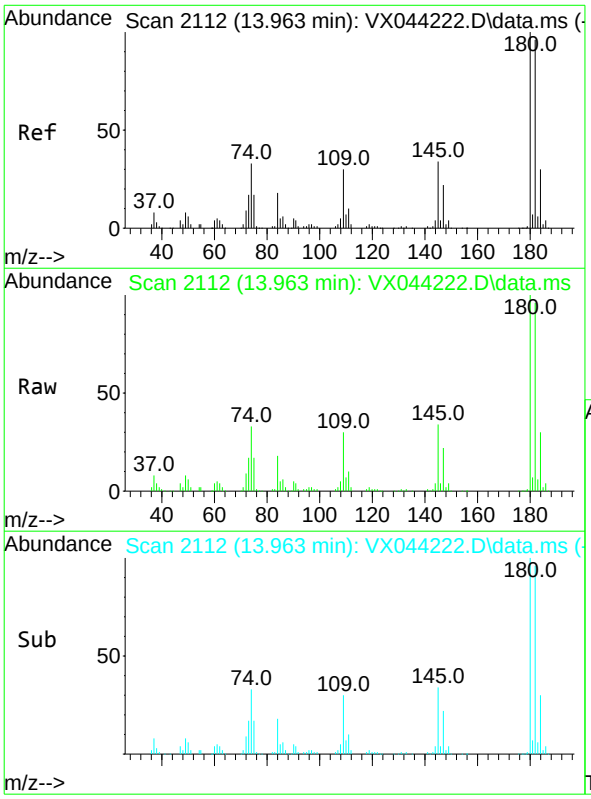
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.2	9.0	13.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

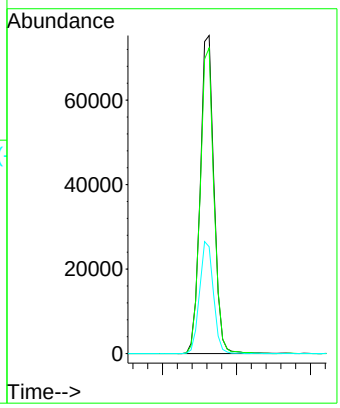
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#96
1,2,3-Trichlorobenzene
Concen: 52.027 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:180 Resp: 97000

Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.0	144.0
145	35.4	17.7	53.1



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044223.D
Acq On : 11 Dec 2024 12:37
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 12 04:15:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	130101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	235738	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	224292	98.326	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 196.660%#			
35) Dibromofluoromethane	5.379	113	169582	103.866	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 207.740%#			
50) Toluene-d8	8.647	98	579477	105.201	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 210.400%#			
62) 4-Bromofluorobenzene	11.079	95	203694	105.830	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 211.660%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	193785	96.329	ug/l	97
3) Chloromethane	1.295	50	186167	96.774	ug/l	99
4) Vinyl Chloride	1.374	62	187739	93.675	ug/l	99
5) Bromomethane	1.593	94	137770	96.897	ug/l	97
6) Chloroethane	1.660	64	109912	88.074	ug/l	95
7) Trichlorofluoromethane	1.862	101	384622	98.030	ug/l	98
8) Diethyl Ether	2.136	74	124039	92.618	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.313	101	149151	93.944	ug/l	99
10) Methyl Iodide	2.441	142	203545	97.275	ug/l	100
11) Tert butyl alcohol	3.008	59	173139	539.406	ug/l	100
12) 1,1-Dichloroethene	2.307	96	144268	98.930	ug/l	100
13) Acrolein	2.240	56	226037	485.718	ug/l	99
14) Allyl chloride	2.654	41	244602	100.703	ug/l	99
15) Acrylonitrile	3.069	53	446747	501.661	ug/l	99
16) Acetone	2.392	43	452955	487.065	ug/l	97
17) Carbon Disulfide	2.496	76	320036	115.453	ug/l	99
18) Methyl Acetate	2.709	43	230998	96.338	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	564545	99.205	ug/l	99
20) Methylene Chloride	2.782	84	168498	96.466	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	154797	99.880	ug/l	98
22) Diisopropyl ether	3.764	45	538742	98.498	ug/l	99
23) Vinyl Acetate	3.721	43	2395923	538.801	ug/l	100
24) 1,1-Dichloroethane	3.605	63	304626	99.915	ug/l	99
25) 2-Butanone	4.568	43	662768	501.306	ug/l	99
26) 2,2-Dichloropropane	4.471	77	258092	104.201	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	190127	96.593	ug/l	99
28) Bromochloromethane	4.891	49	144783	96.842	ug/l	99
29) Tetrahydrofuran	5.007	42	412666	486.290	ug/l	99
30) Chloroform	5.093	83	331047	96.642	ug/l	98
31) Cyclohexane	5.458	56	239879	97.433	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	291065	102.363	ug/l	99
36) 1,1-Dichloropropene	5.684	75	209732	99.376	ug/l	98
37) Ethyl Acetate	4.721	43	266307	102.079	ug/l	100
38) Carbon Tetrachloride	5.672	117	236869	104.249	ug/l	96
39) Methylcyclohexane	7.373	83	259368	102.800	ug/l	98
40) Benzene	6.032	78	638055	99.575	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044223.D
Acq On : 11 Dec 2024 12:37
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 12 04:15:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.928	41	140375	101.332 ug/l		99
42) 1,2-Dichloroethane	6.086	62	261991	99.255 ug/l		99
43) Isopropyl Acetate	6.342	43	427893	104.939 ug/l		99
44) Trichloroethene	7.123	130	158990	99.497 ug/l		99
45) 1,2-Dichloropropane	7.428	63	160913	98.293 ug/l		97
46) Dibromomethane	7.580	93	130316	102.607 ug/l		99
47) Bromodichloromethane	7.818	83	244401	111.423 ug/l		100
48) Methyl methacrylate	7.696	41	203116	102.618 ug/l		99
49) 1,4-Dioxane	7.665	88	73434m	2170.871 ug/l		
51) 4-Methyl-2-Pentanone	8.574	43	1322678	504.496 ug/l		99
52) Toluene	8.714	92	396383	98.506 ug/l		100
53) t-1,3-Dichloropropene	8.976	75	248092	99.321 ug/l		95
54) cis-1,3-Dichloropropene	8.366	75	263014	110.127 ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	157366	98.441 ug/l		98
56) Ethyl methacrylate	9.116	69	271146	107.442 ug/l		99
57) 1,3-Dichloropropane	9.305	76	274642	98.704 ug/l		98
58) 2-Chloroethyl Vinyl ether	8.238	63	671233	527.342 ug/l		100
59) 2-Hexanone	9.433	43	989466	521.401 ug/l		99
60) Dibromochloromethane	9.519	129	178135	99.480 ug/l		99
61) 1,2-Dibromoethane	9.610	107	171458	105.371 ug/l		97
64) Tetrachloroethene	9.269	164	130678	94.131 ug/l		97
65) Chlorobenzene	10.080	112	433179	96.650 ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	153882	106.831 ug/l		99
67) Ethyl Benzene	10.195	91	765930	98.906 ug/l		97
68) m/p-Xylenes	10.299	106	571648	201.171 ug/l		99
69) o-Xylene	10.640	106	280603	97.597 ug/l		100
70) Styrene	10.653	104	480077	104.159 ug/l		97
71) Bromoform	10.799	173	112482	99.723 ug/l	#	98
73) Isopropylbenzene	10.964	105	731955	97.894 ug/l		99
74) N-amyl acetate	10.842	43	371420	107.485 ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.214	83	245395	94.491 ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	206786m	93.302 ug/l		
77) Bromobenzene	11.195	156	175647	96.874 ug/l		98
78) n-propylbenzene	11.305	91	836676	101.242 ug/l		99
79) 2-Chlorotoluene	11.366	91	504407	94.377 ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	604993	97.570 ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	78453	97.165 ug/l		94
82) 4-Chlorotoluene	11.451	91	588197	99.384 ug/l		99
83) tert-Butylbenzene	11.713	119	606738	99.013 ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	614999	100.994 ug/l		100
85) sec-Butylbenzene	11.890	105	743098	99.889 ug/l		100
86) p-Isopropyltoluene	12.006	119	624416	100.847 ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	317377	100.210 ug/l		99
88) 1,4-Dichlorobenzene	12.043	146	316688	97.271 ug/l		99
89) n-Butylbenzene	12.329	91	564303	108.385 ug/l		99
90) Hexachloroethane	12.536	117	105946	117.218 ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	323040	98.232 ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	54588	108.279 ug/l		93
93) 1,2,4-Trichlorobenzene	13.585	180	197899	109.766 ug/l		98
94) Hexachlorobutadiene	13.725	225	72453	99.908 ug/l		97
95) Naphthalene	13.774	128	755181	107.308 ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	206053	107.754 ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044223.D
Acq On : 11 Dec 2024 12:37
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 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

Quant Time: Dec 12 04:15:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

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

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

ICAL Form

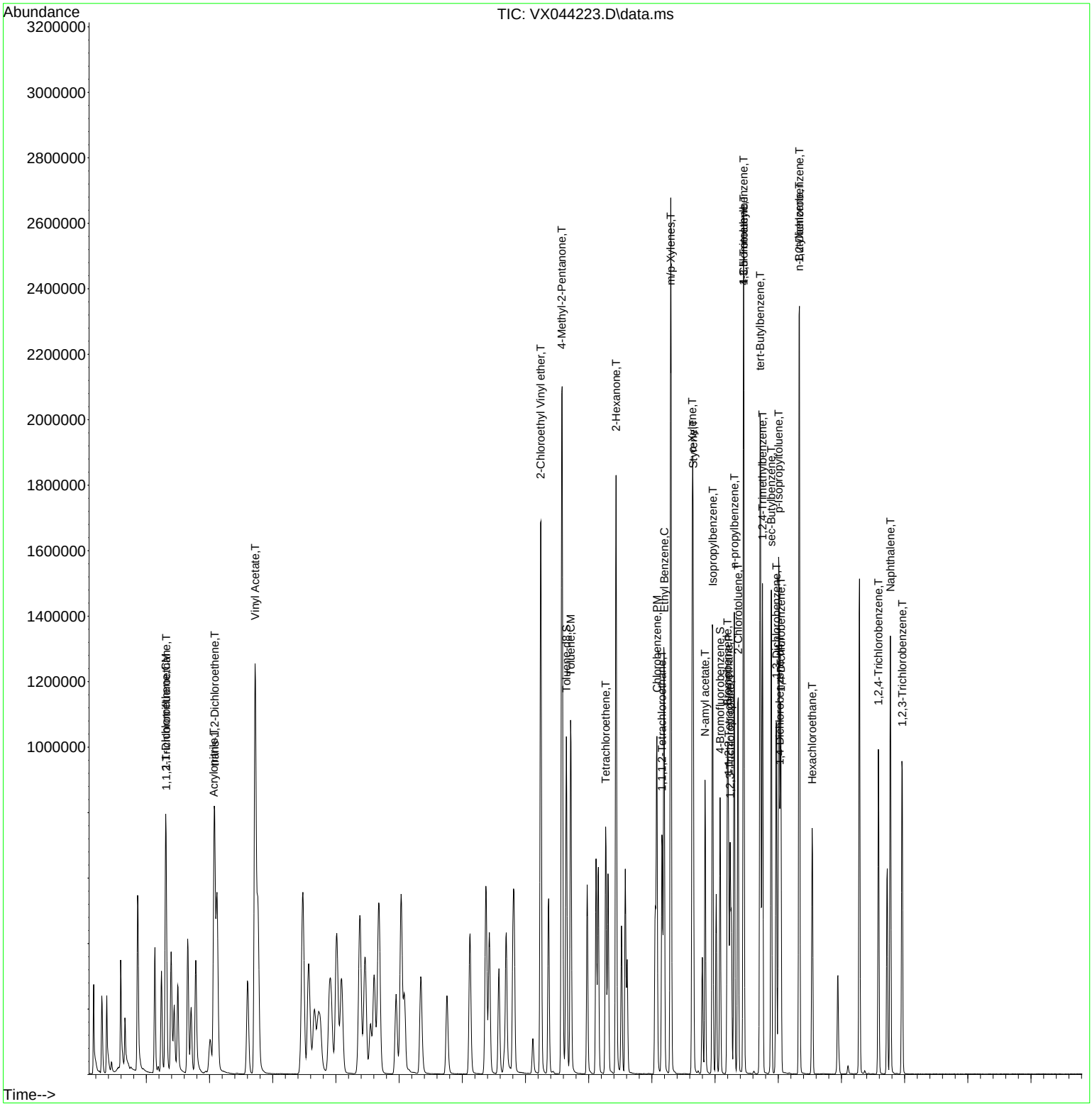
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044223.D
Acq On : 11 Dec 2024 12:37
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

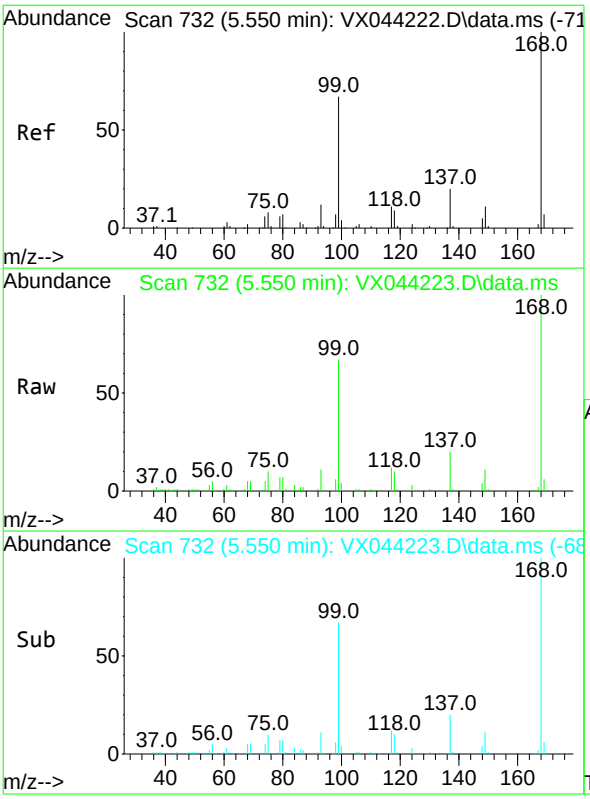
Quant Time: Dec 12 04:15:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

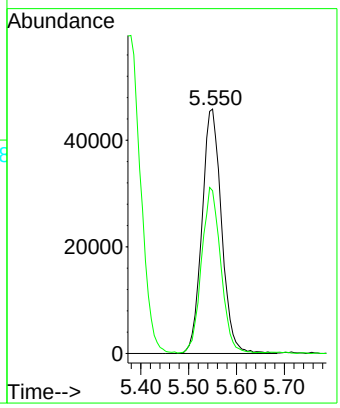




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 73
Delta R.T. -0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:168 Resp: 130101

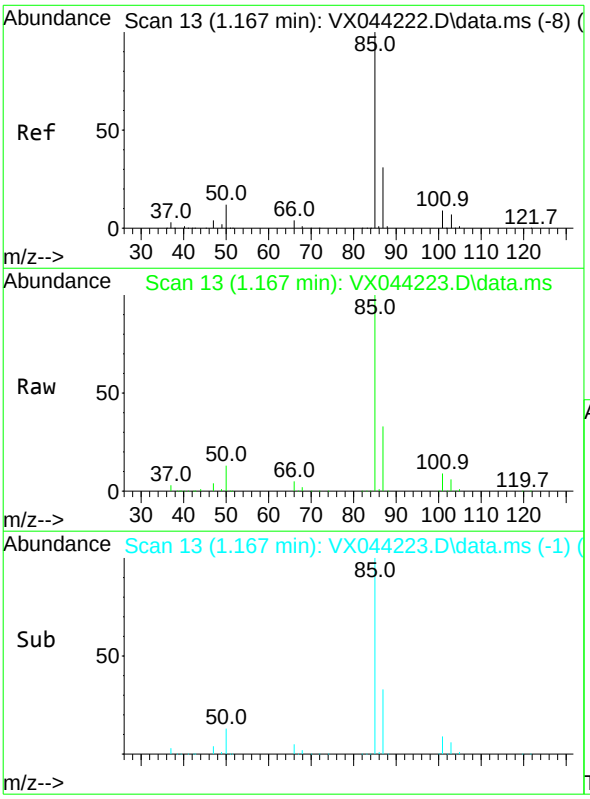
Ion	Ratio	Lower	Upper
168	100		
99	66.4	53.4	80.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

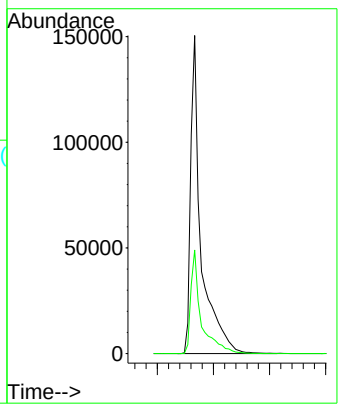
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

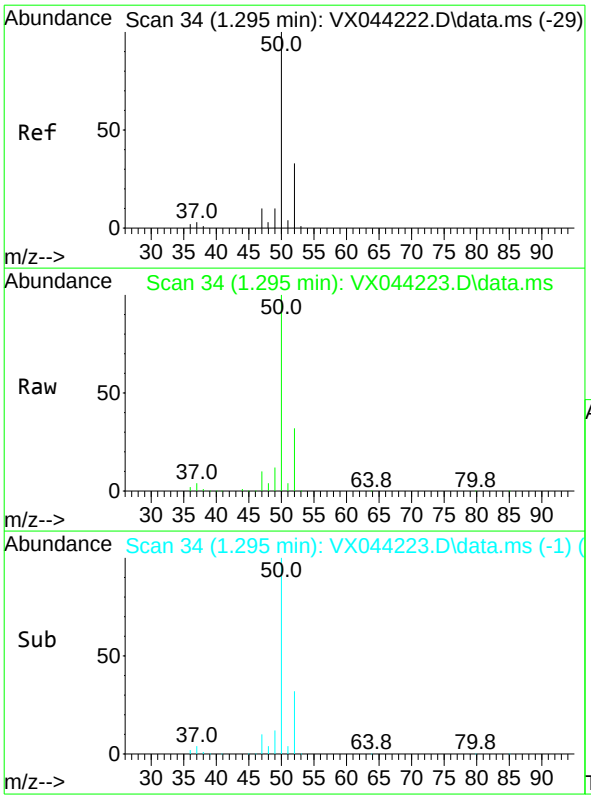


#2
Dichlorodifluoromethane
Concen: 96.329 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 85 Resp: 193785

Ion	Ratio	Lower	Upper
85	100		
87	32.6	15.4	46.4

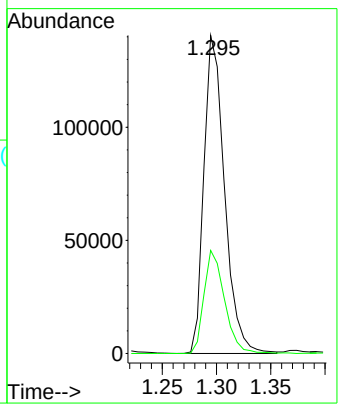




#3
Chloromethane
Concen: 96.774 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 50 Resp: 186167

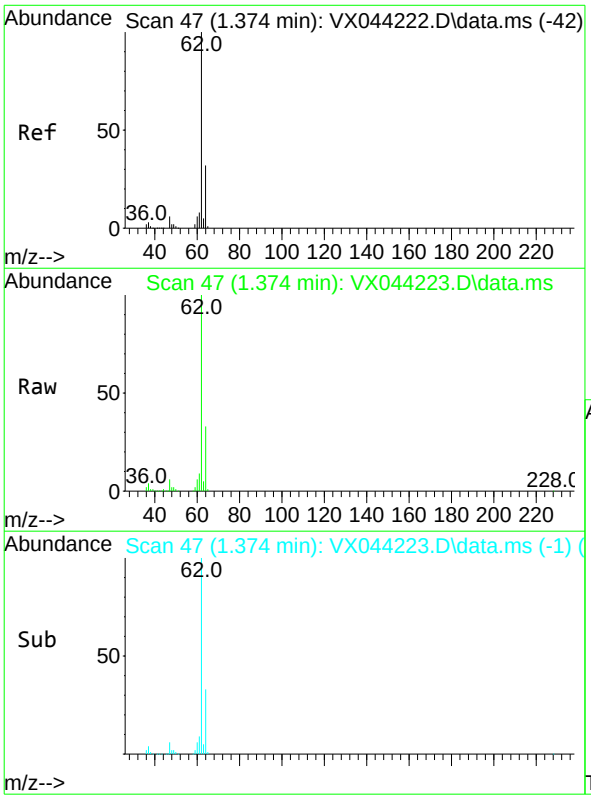
Ion	Ratio	Lower	Upper
50	100		
52	32.4	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

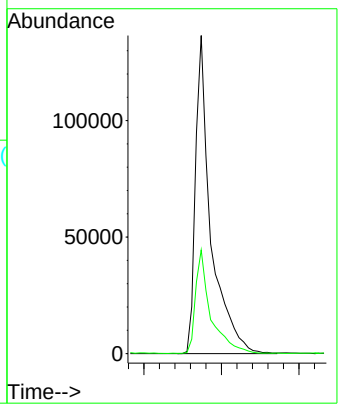
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

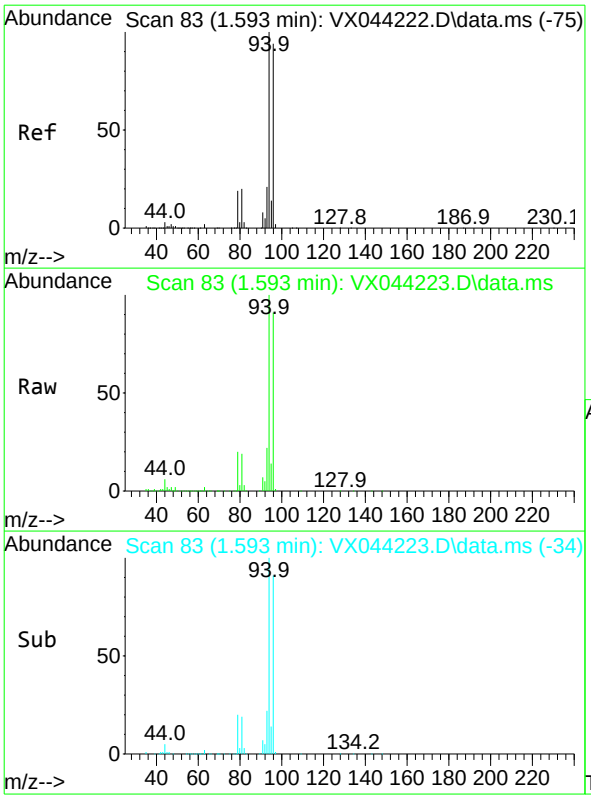


#4
Vinyl Chloride
Concen: 93.675 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 62 Resp: 187739

Ion	Ratio	Lower	Upper
62	100		
64	32.5	25.7	38.5

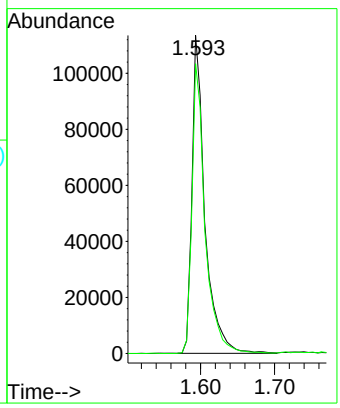




#5
Bromomethane
Concen: 96.897 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 94 Resp: 137770

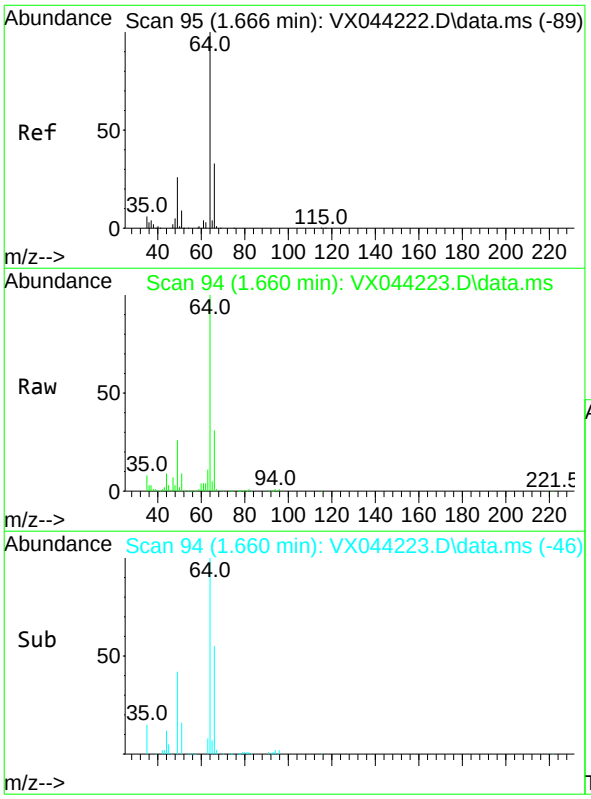
Ion	Ratio	Lower	Upper
94	100		
96	91.1	74.9	112.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

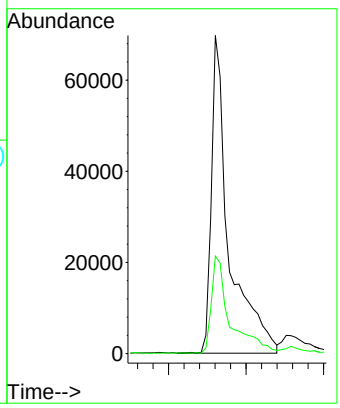
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

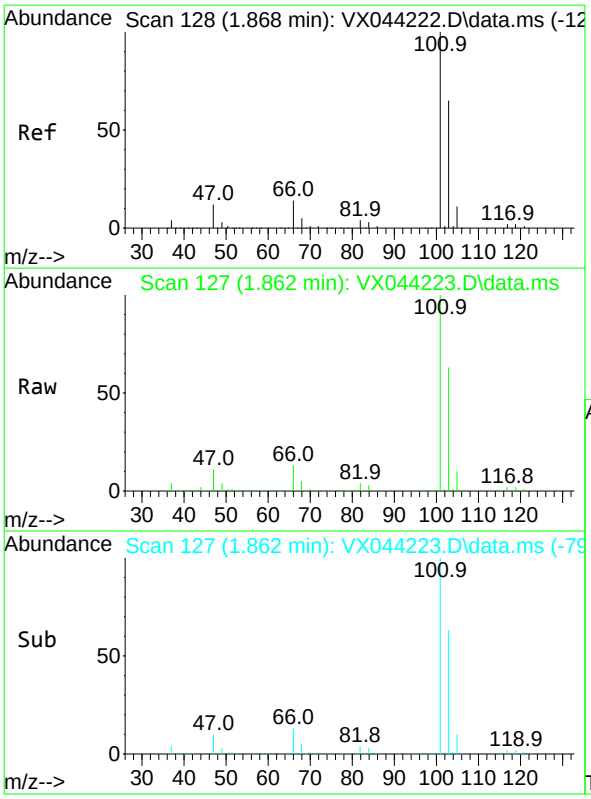


#6
Chloroethane
Concen: 88.074 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 64 Resp: 109912

Ion	Ratio	Lower	Upper
64	100		
66	30.5	26.6	39.8

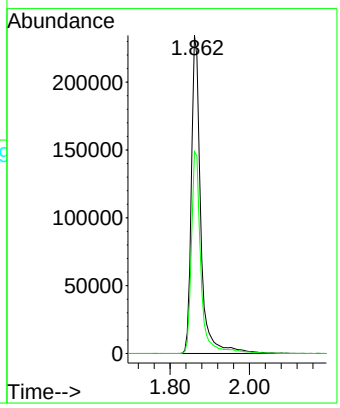




#7
Trichlorofluoromethane
Concen: 98.030 ug/l
RT: 1.862 min Scan# 12
Delta R.T. -0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:101 Resp: 384622

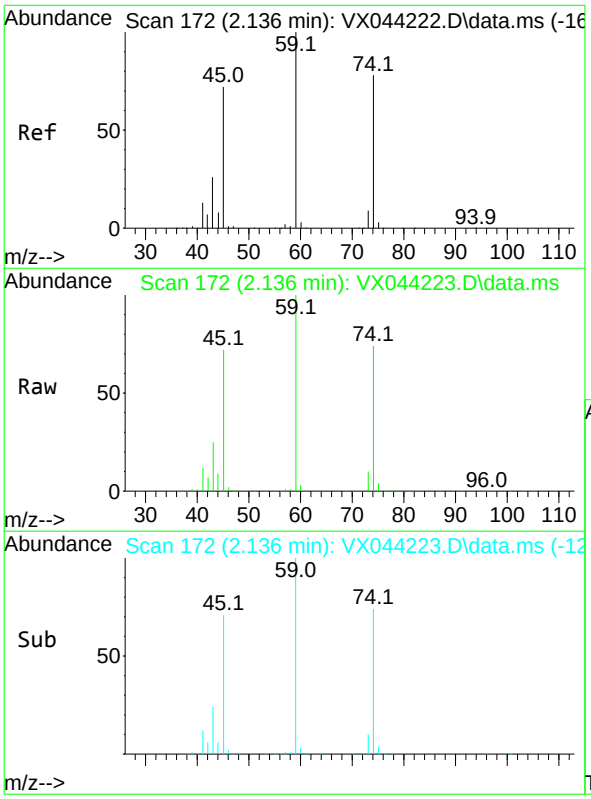
Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.8	77.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

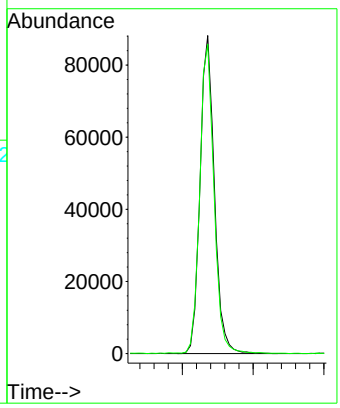
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

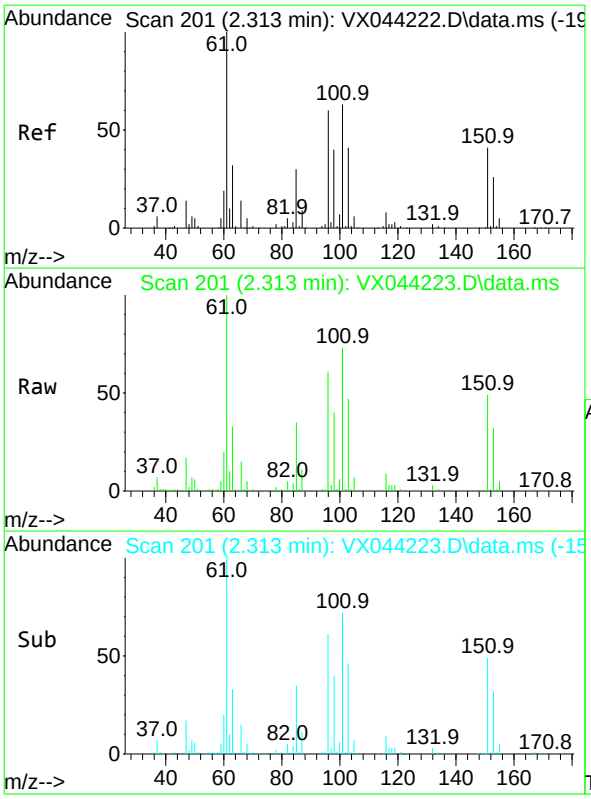


#8
Diethyl Ether
Concen: 92.618 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 74 Resp: 124039

Ion	Ratio	Lower	Upper
74	100		
45	96.3	48.4	145.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 93.944 ug/l
RT: 2.313 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

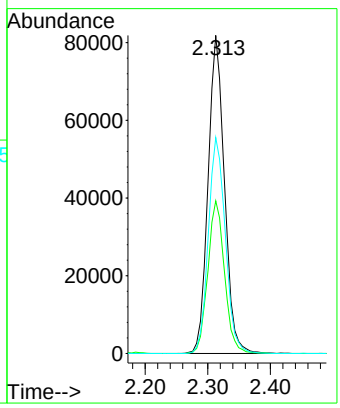
Tgt Ion:101 Resp: 149151

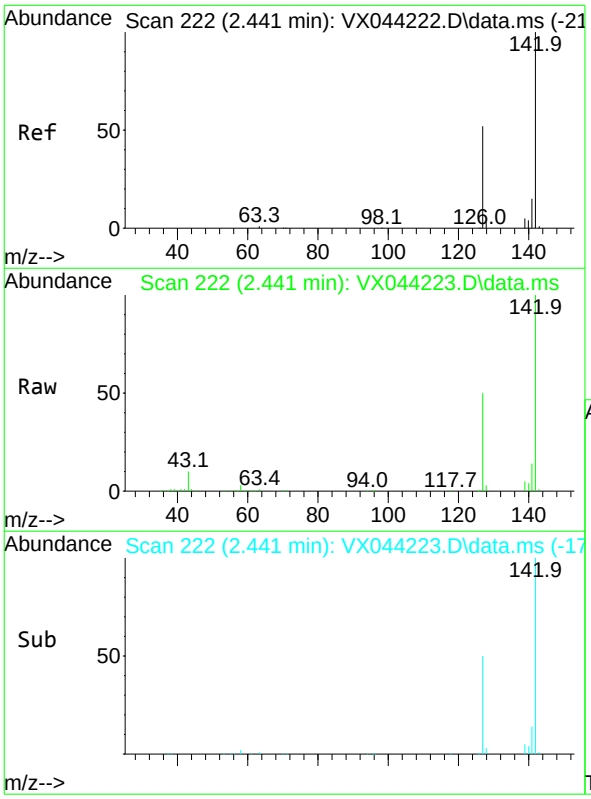
Ion	Ratio	Lower	Upper
101	100		
85	48.9	38.5	57.7
151	70.5	55.8	83.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

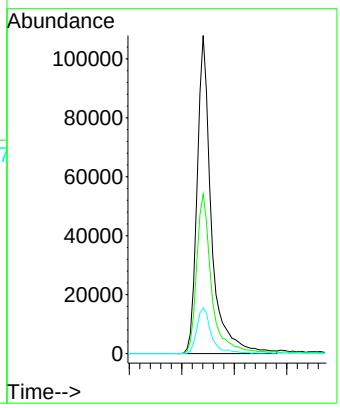


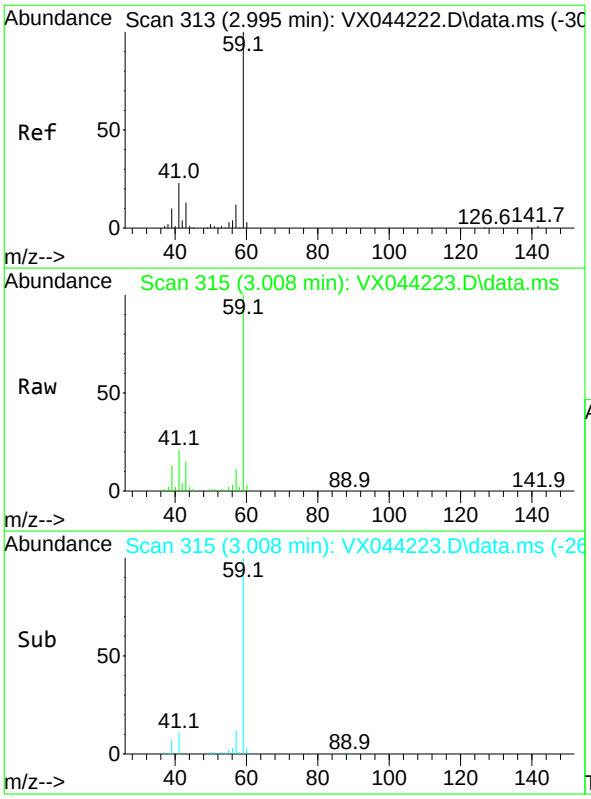


#10
Methyl Iodide
Concen: 97.275 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:142 Resp: 203545

Ion	Ratio	Lower	Upper
142	100		
127	52.4	41.8	62.8
141	14.8	11.5	17.3

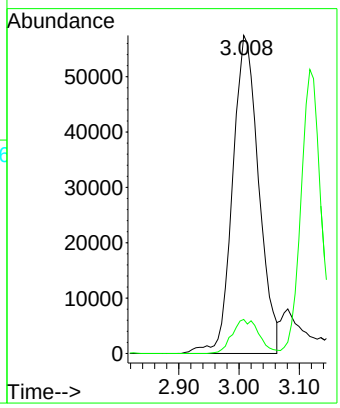




#11
Tert butyl alcohol
Concen: 539.406 ug/l
RT: 3.008 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 59 Resp: 173139

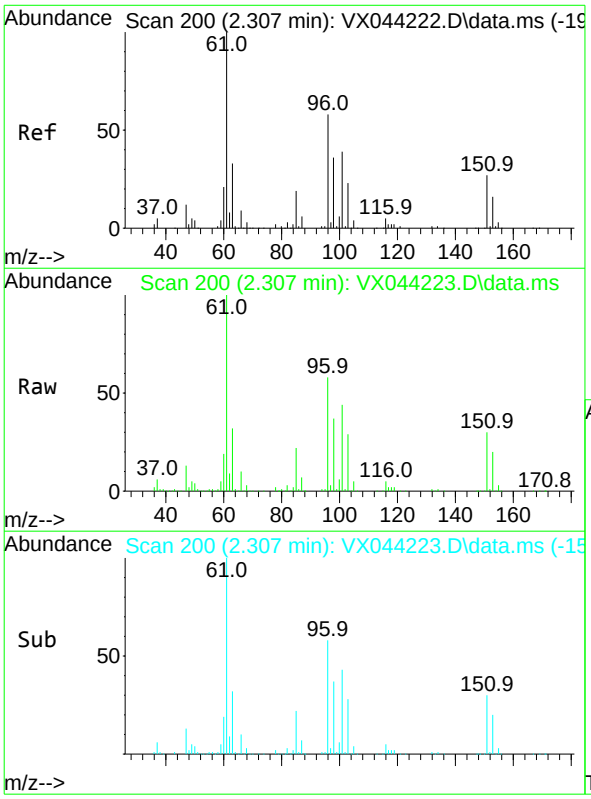
Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

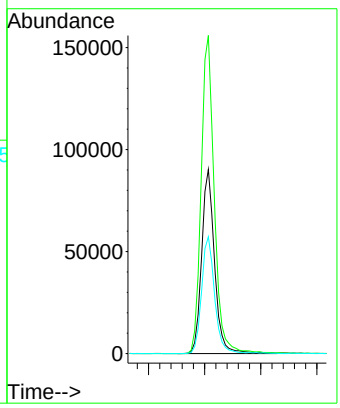
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

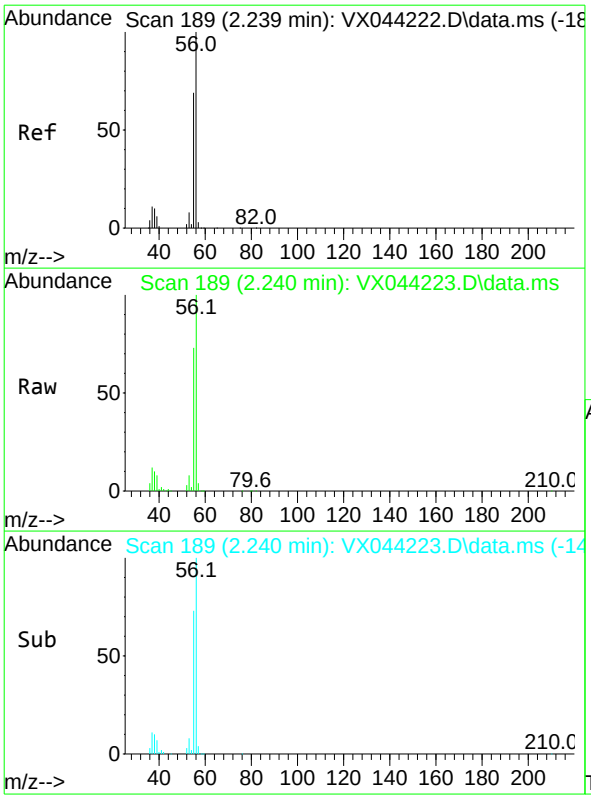


#12
1,1-Dichloroethene
Concen: 98.930 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 96 Resp: 144268

Ion	Ratio	Lower	Upper
96	100		
61	172.7	138.0	207.0
98	63.5	50.0	75.0

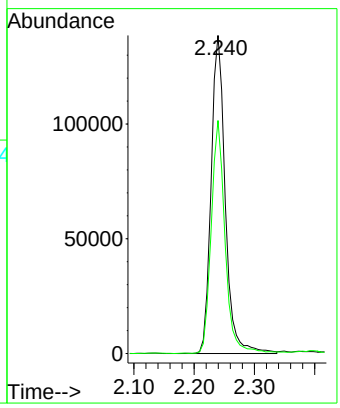




#13
Acrolein
Concen: 485.718 ug/l
RT: 2.240 min Scan# 18
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 56 Resp: 226037

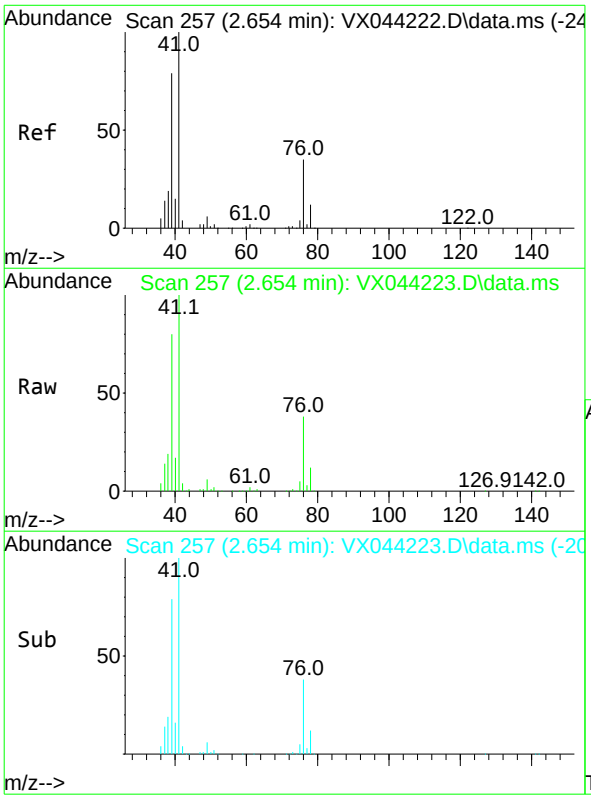
Ion	Ratio	Lower	Upper
56	100		
55	71.7	56.6	84.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

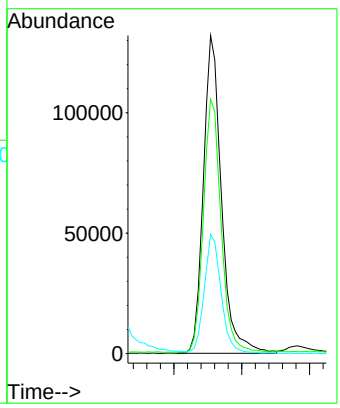
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

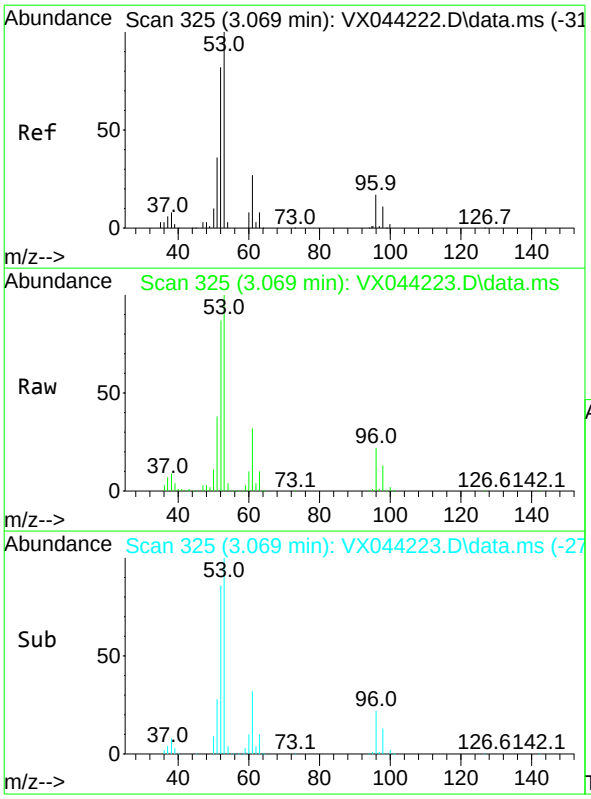


#14
Allyl chloride
Concen: 100.703 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 41 Resp: 244602

Ion	Ratio	Lower	Upper
41	100		
39	77.0	61.9	92.9
76	34.7	27.4	41.2

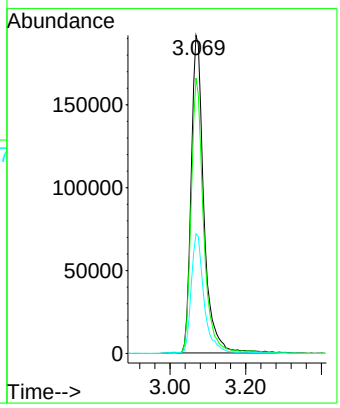




#15
Acrylonitrile
Concen: 501.661 ug/l
RT: 3.069 min Scan# 32
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 53 Resp: 446747

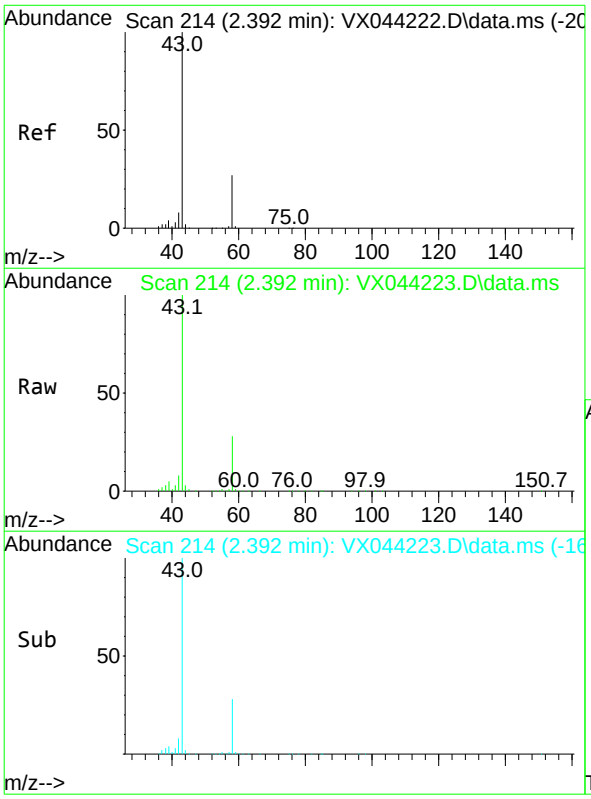
Ion	Ratio	Lower	Upper
53	100		
52	84.0	67.4	101.0
51	37.0	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

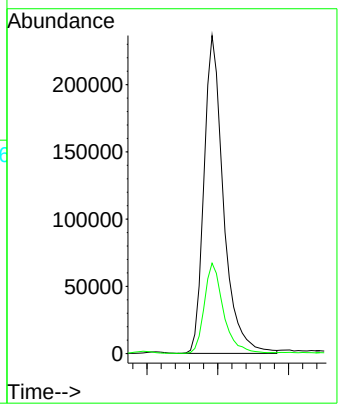
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

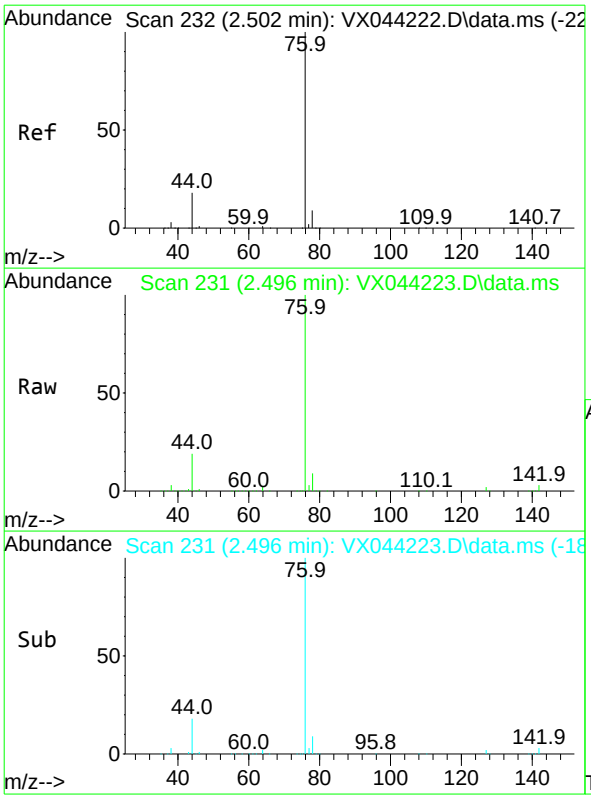


#16
Acetone
Concen: 487.065 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 43 Resp: 452955

Ion	Ratio	Lower	Upper
43	100		
58	28.4	21.6	32.4

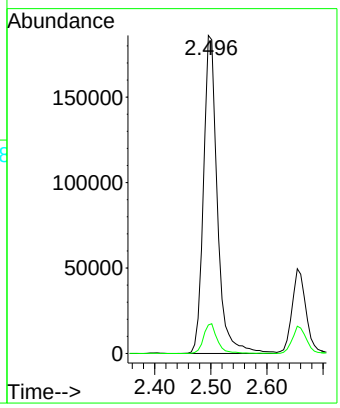




#17
Carbon Disulfide
Concen: 115.453 ug/l
RT: 2.496 min Scan# 23
Delta R.T. -0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 76 Resp: 320036

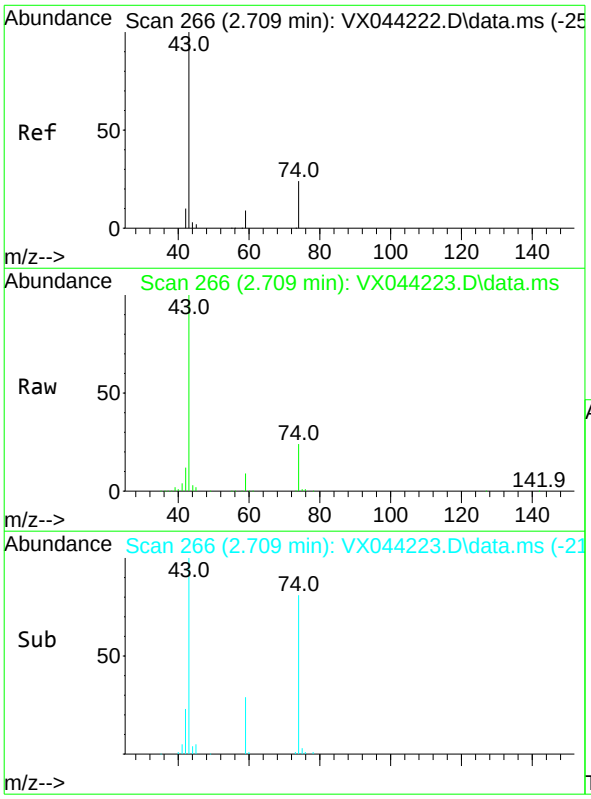
Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

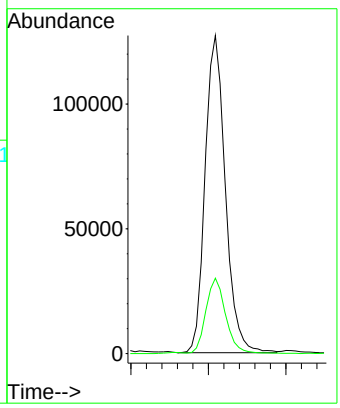
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

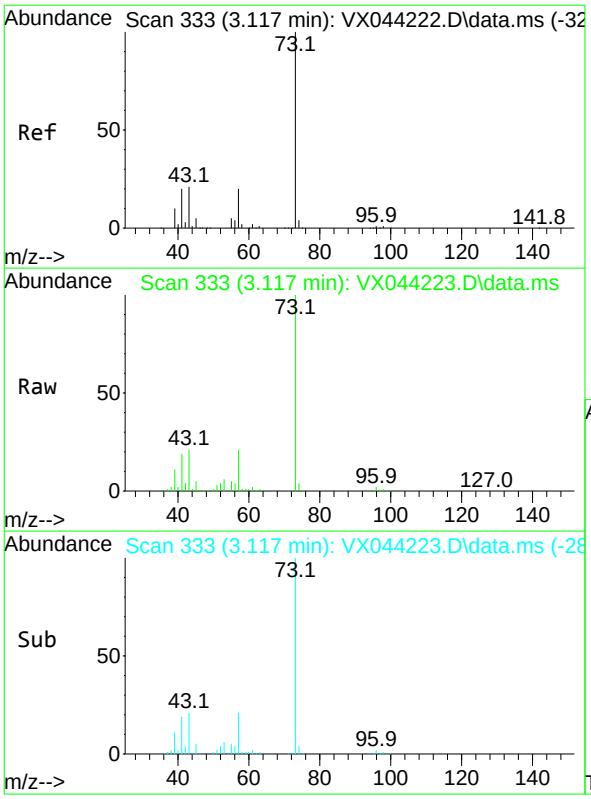


#18
Methyl Acetate
Concen: 96.338 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 43 Resp: 230998

Ion	Ratio	Lower	Upper
43	100		
74	23.3	17.7	26.5

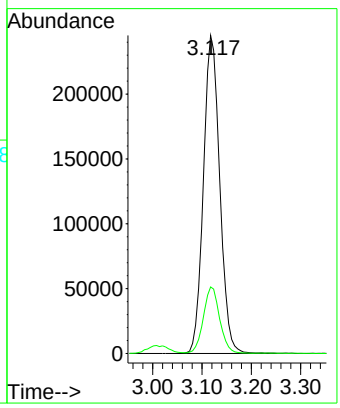




#19
Methyl tert-butyl Ether
Concen: 99.205 ug/l
RT: 3.117 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 73 Resp: 564545

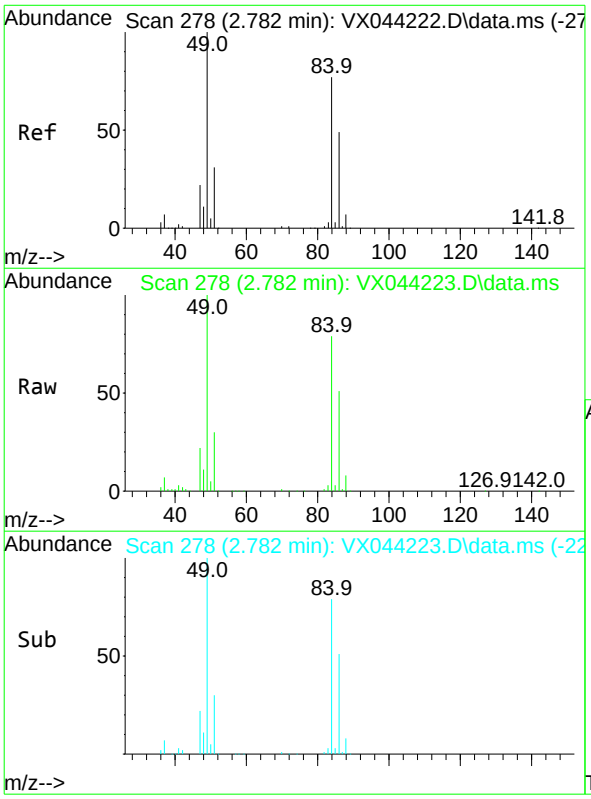
Ion	Ratio	Lower	Upper
73	100		
57	20.8	16.2	24.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

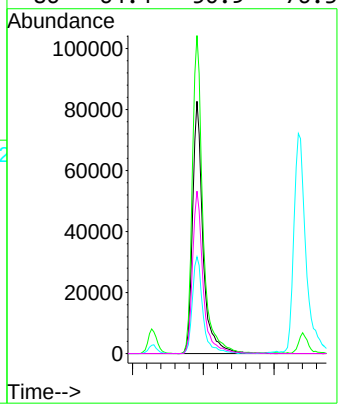
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

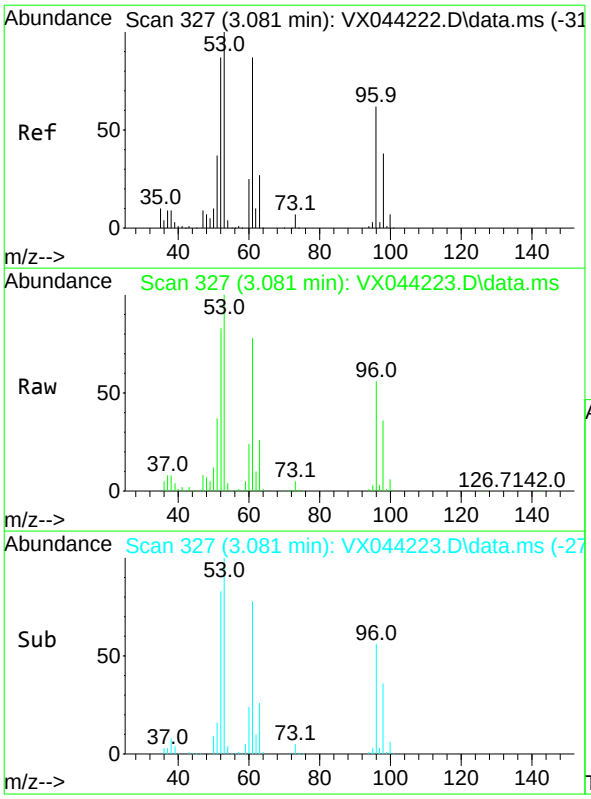


#20
Methylene Chloride
Concen: 96.466 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 84 Resp: 168498

Ion	Ratio	Lower	Upper
84	100		
49	126.1	104.2	156.4
51	38.4	32.2	48.4
86	64.4	50.9	76.3

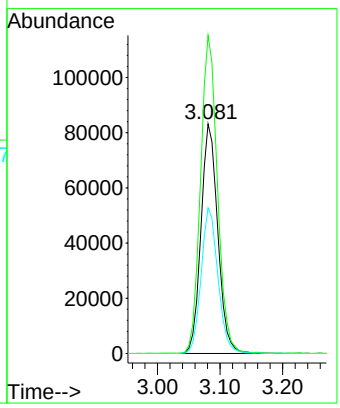




#21
trans-1,2-Dichloroethene
Concen: 99.880 ug/l
RT: 3.081 min Scan# 32
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 96 Resp: 154797

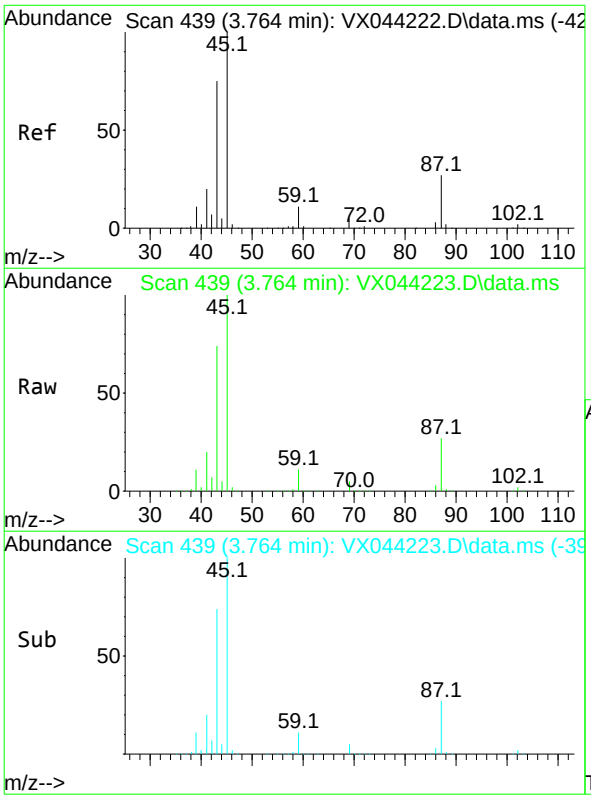
Ion	Ratio	Lower	Upper
96	100		
61	138.4	112.0	168.0
98	63.5	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

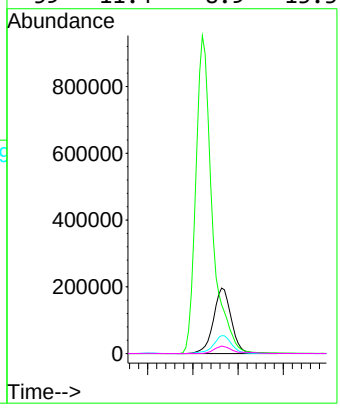
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

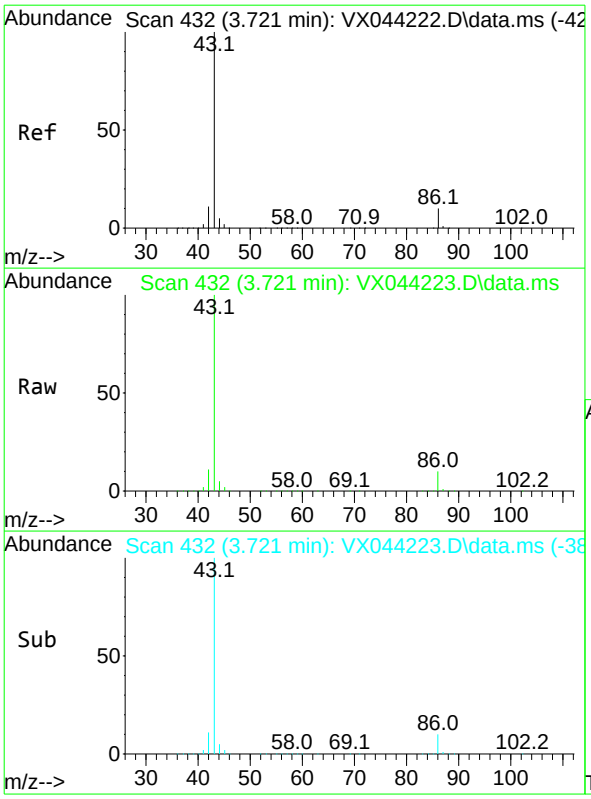


#22
Diisopropyl ether
Concen: 98.498 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 45 Resp: 538742

Ion	Ratio	Lower	Upper
45	100		
43	74.2	60.2	90.2
87	27.4	21.2	31.8
59	11.4	8.9	13.3

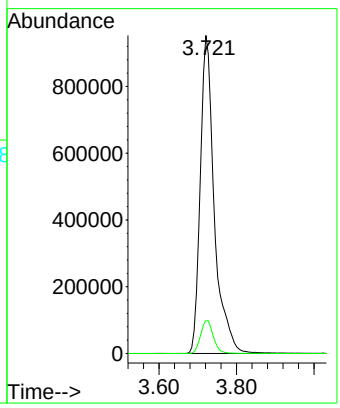




#23
Vinyl Acetate
Concen: 538.801 ug/l
RT: 3.721 min Scan# 43
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 43 Resp: 2395923

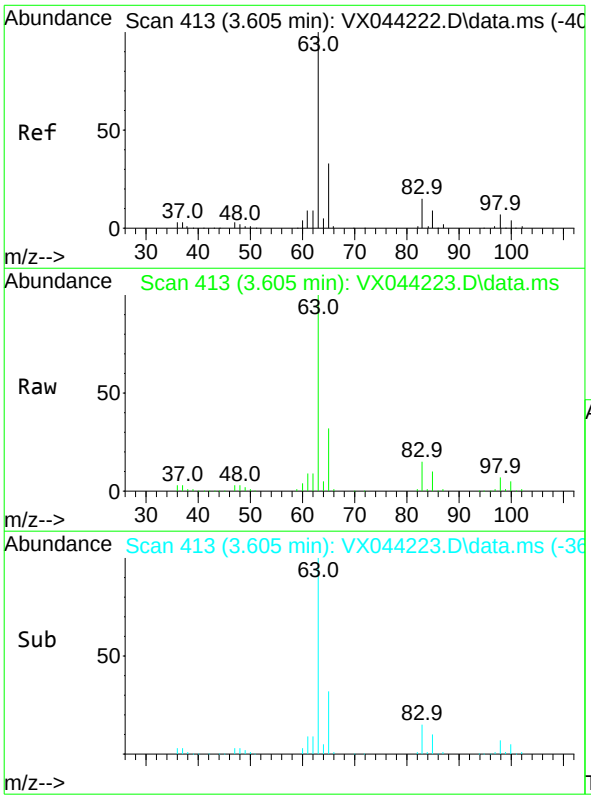
Ion	Ratio	Lower	Upper
43	100		
86	10.3	8.2	12.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

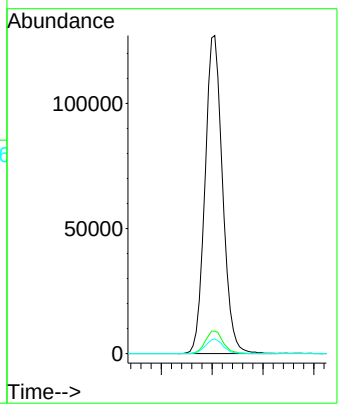
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

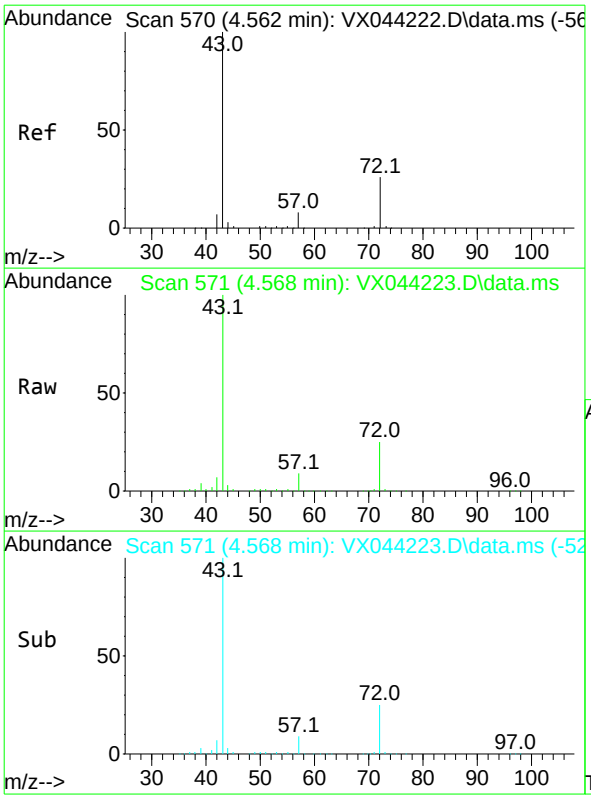


#24
1,1-Dichloroethane
Concen: 99.915 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 63 Resp: 304626

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.6	10.8
100	4.6	2.1	6.3

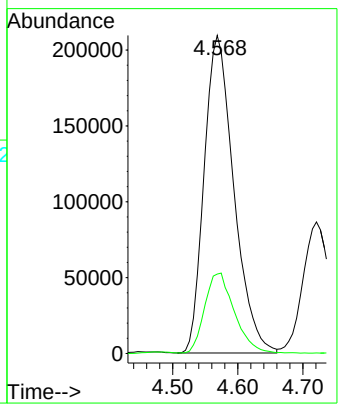




#25
2-Butanone
Concen: 501.306 ug/l
RT: 4.568 min Scan# 57
Delta R.T. 0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 43 Resp: 662768

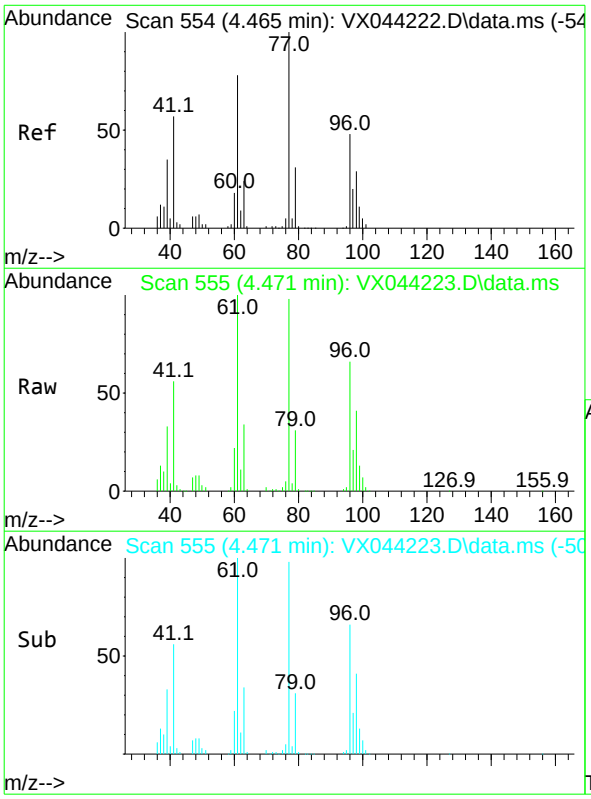
Ion	Ratio	Lower	Upper
43	100		
72	24.8	20.2	30.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

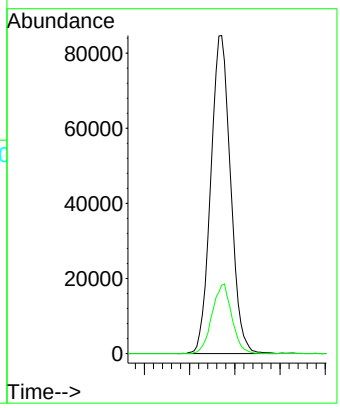
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

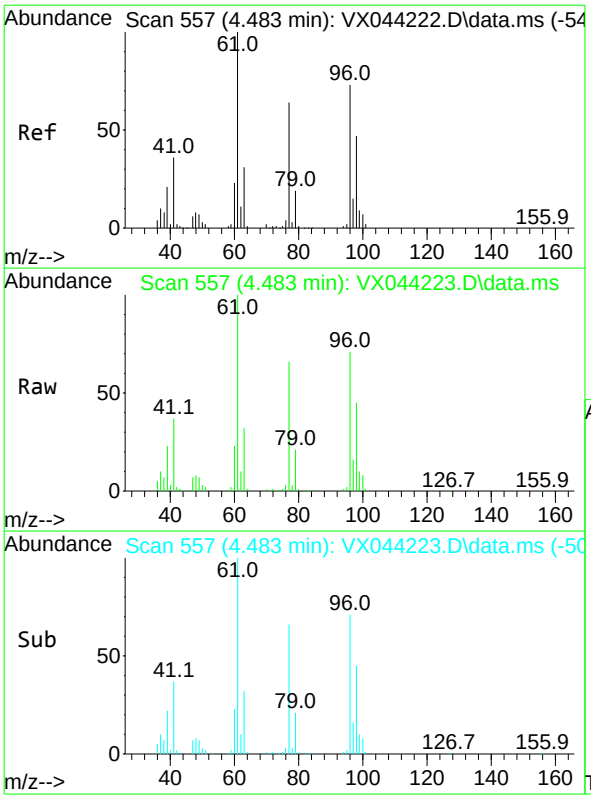


#26
2,2-Dichloropropane
Concen: 104.201 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 77 Resp: 258092

Ion	Ratio	Lower	Upper
77	100		
97	21.8	10.7	32.1

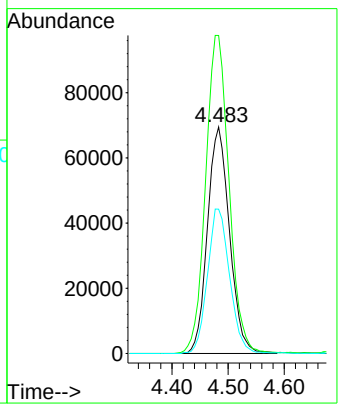




#27
cis-1,2-Dichloroethene
Concen: 96.593 ug/l
RT: 4.483 min Scan# 55
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 96 Resp: 190127

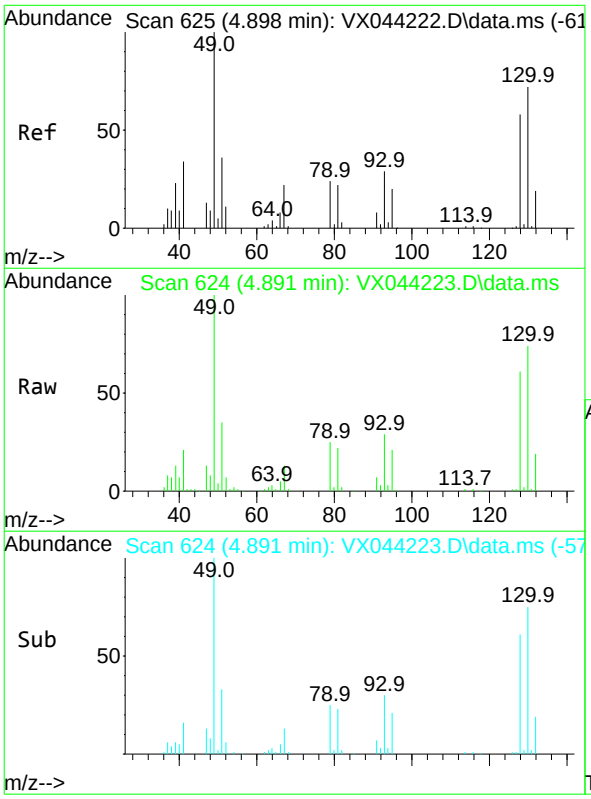
Ion	Ratio	Lower	Upper
96	100		
61	148.5	0.0	299.0
98	64.2	0.0	129.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

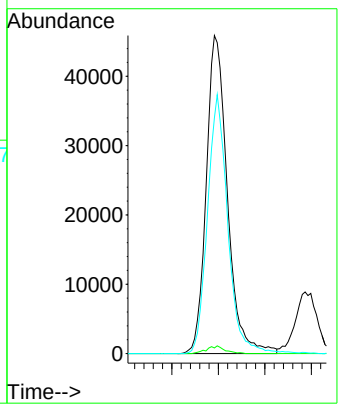
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

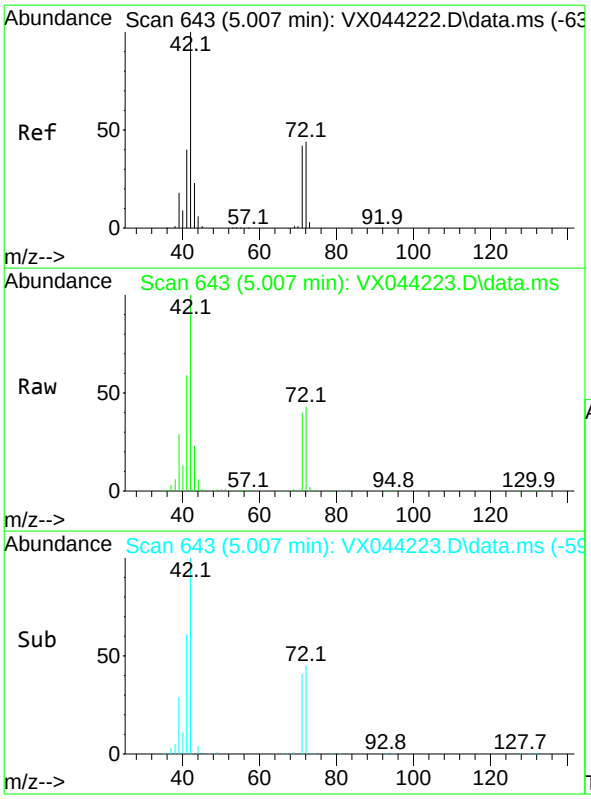


#28
Bromochloromethane
Concen: 96.842 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 49 Resp: 144783

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	78.2	62.1	93.1

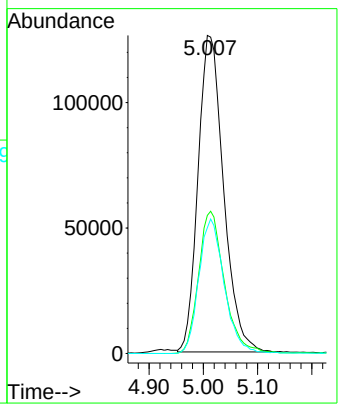




#29
Tetrahydrofuran
Concen: 486.290 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 42 Resp: 412666

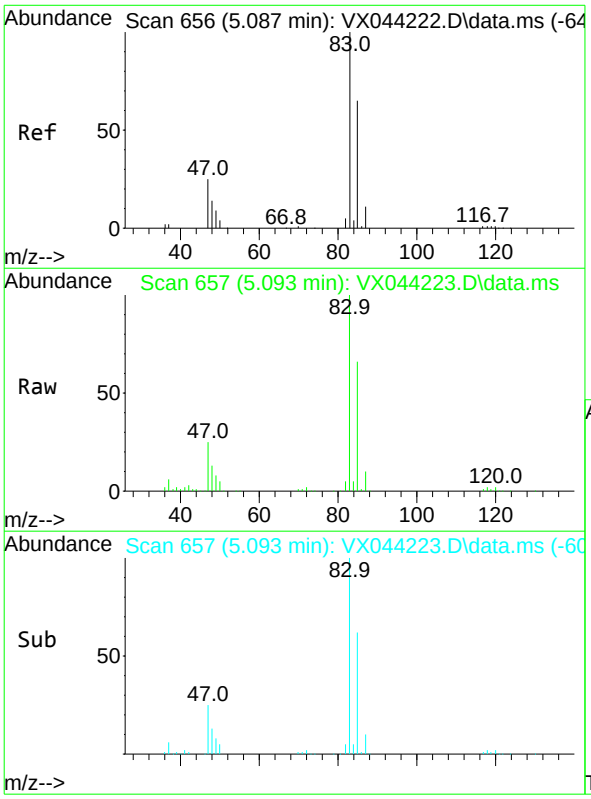
Ion	Ratio	Lower	Upper
42	100		
72	45.6	37.0	55.6
71	42.1	33.6	50.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

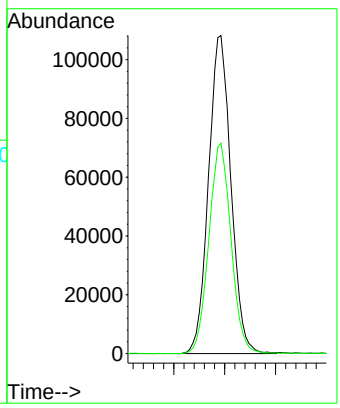
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

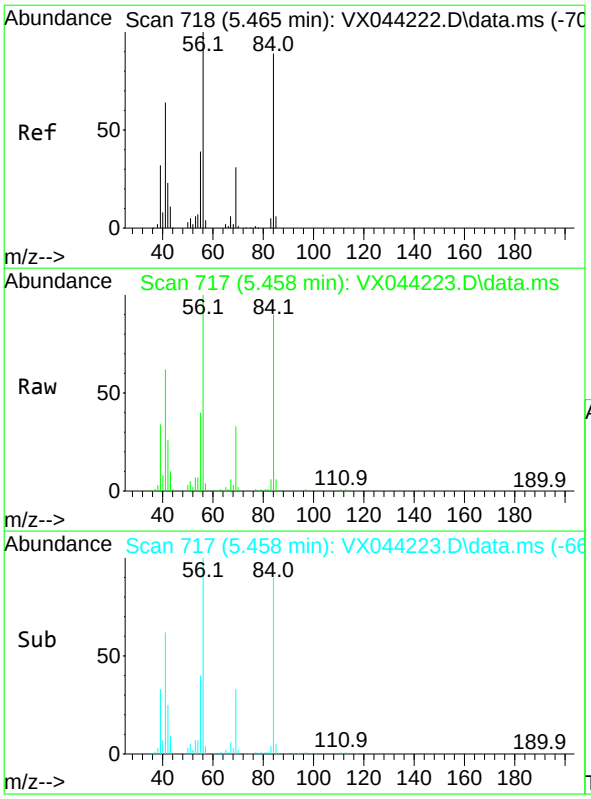


#30
Chloroform
Concen: 96.642 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 83 Resp: 331047

Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.6	77.4

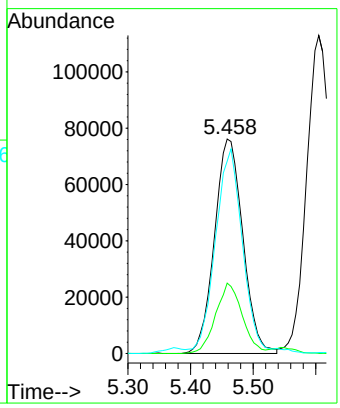




#31
Cyclohexane
Concen: 97.433 ug/l
RT: 5.458 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 56 Resp: 239879

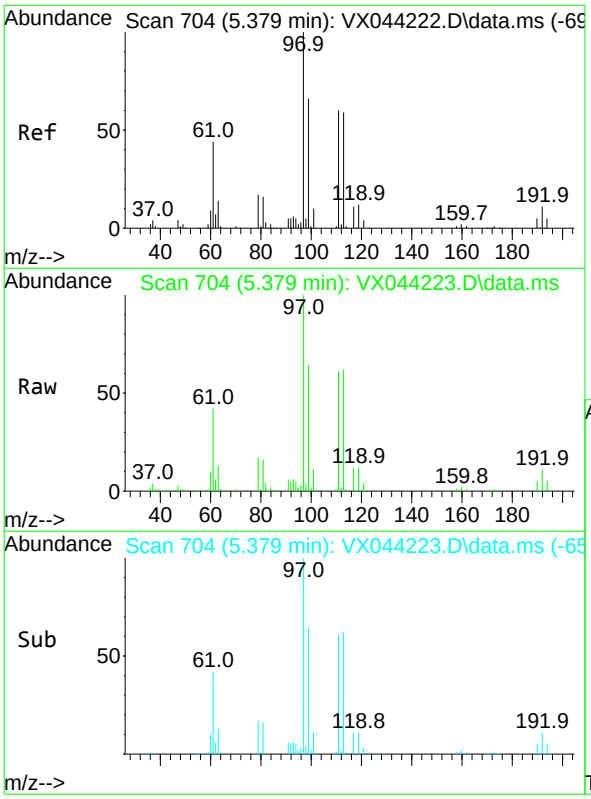
Ion	Ratio	Lower	Upper
56	100		
69	32.8	24.7	37.1
84	87.3	71.0	106.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

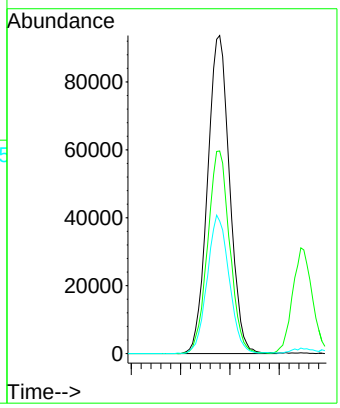
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

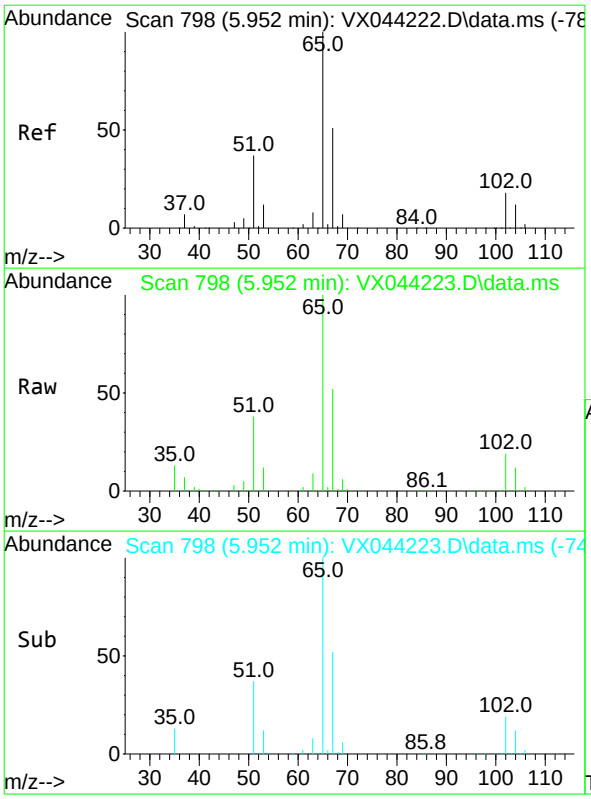


#32
1,1,1-Trichloroethane
Concen: 102.363 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 97 Resp: 291065

Ion	Ratio	Lower	Upper
97	100		
99	63.7	50.8	76.2
61	43.3	35.2	52.8

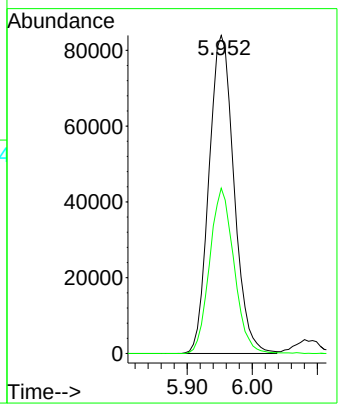




#33
1,2-Dichloroethane-d4
Concen: 98.326 ug/l
RT: 5.952 min Scan# 79
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 65 Resp: 224292

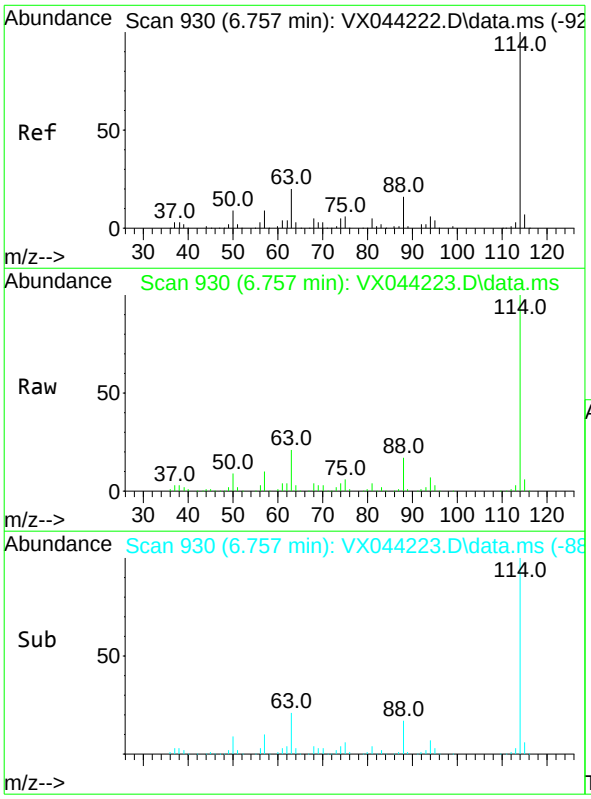
Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	101.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

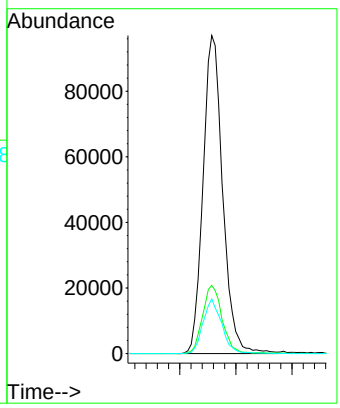
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

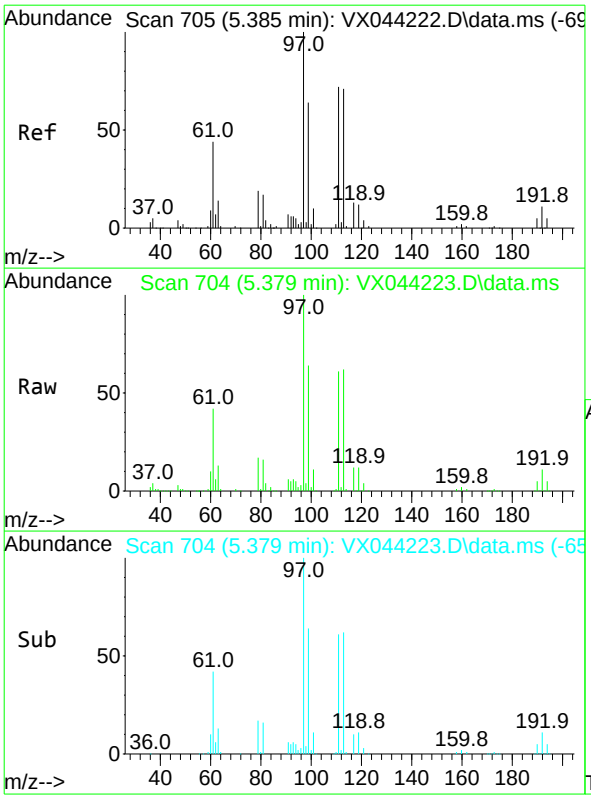


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:114 Resp: 235738

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	40.6
88	17.2	0.0	31.8

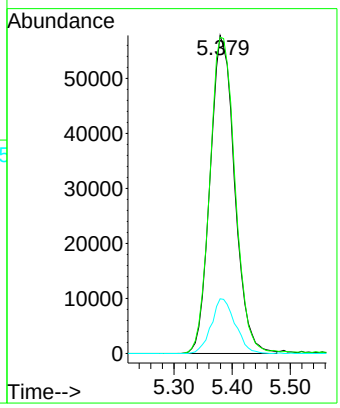




#35
Dibromofluoromethane
Concen: 103.866 ug/l
RT: 5.379 min Scan# 70
Delta R.T. -0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:113 Resp: 169582

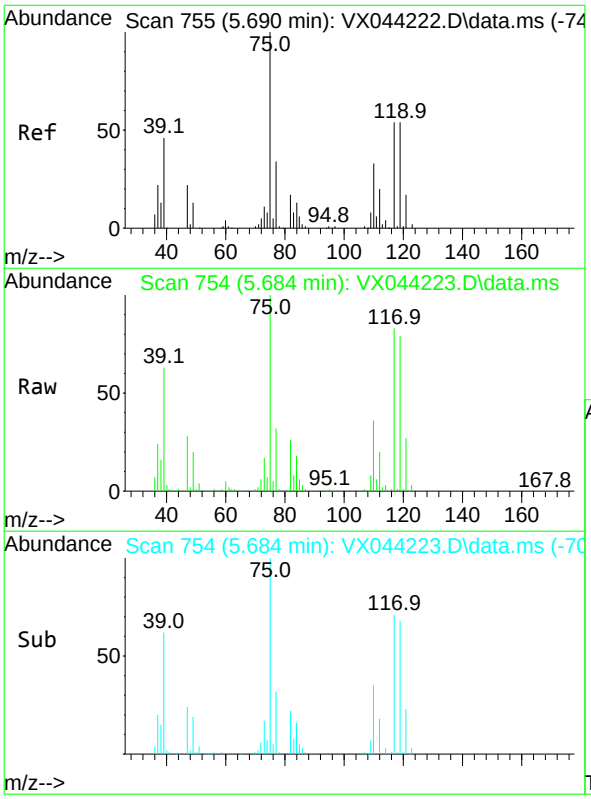
Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.4	120.6
192	16.7	13.3	19.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

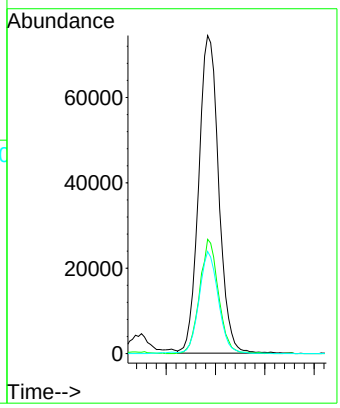
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

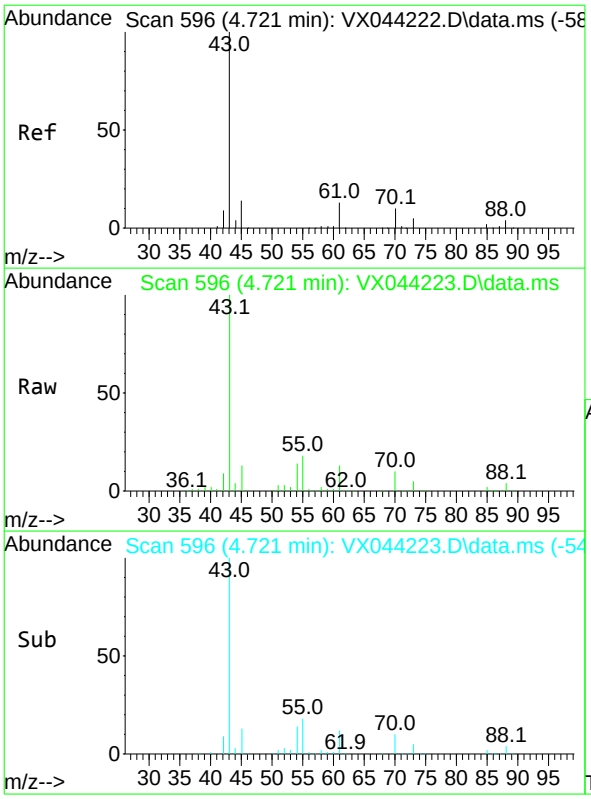


#36
1,1-Dichloropropene
Concen: 99.376 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 75 Resp: 209732

Ion	Ratio	Lower	Upper
75	100		
110	33.9	17.3	51.7
77	30.6	25.4	38.0

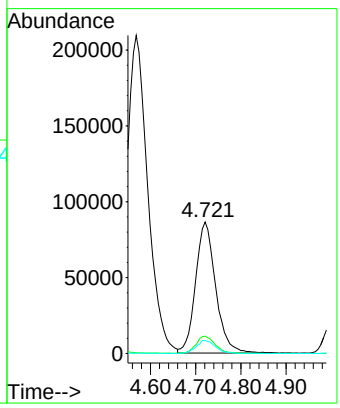




#37
Ethyl Acetate
Concen: 102.079 ug/l
RT: 4.721 min Scan# 59
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 43 Resp: 266307

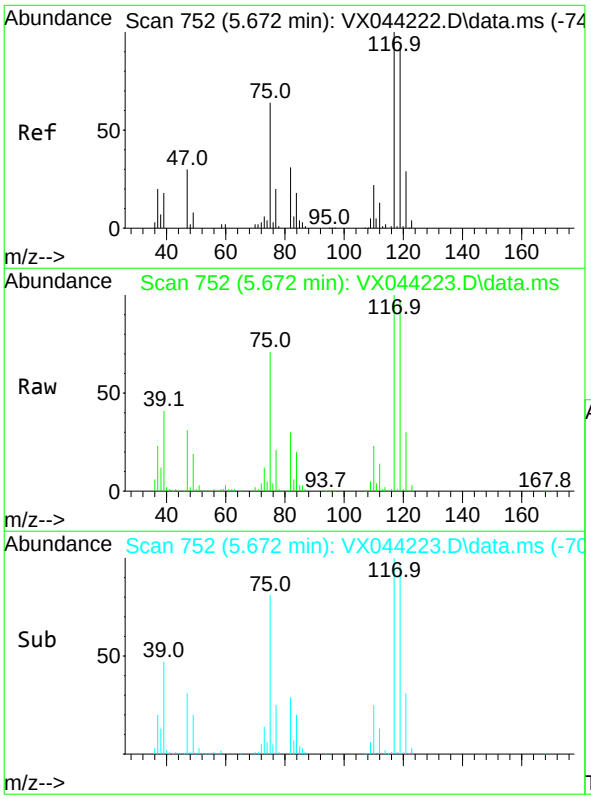
Ion	Ratio	Lower	Upper
43	100		
61	12.5	9.8	14.8
70	9.5	7.7	11.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

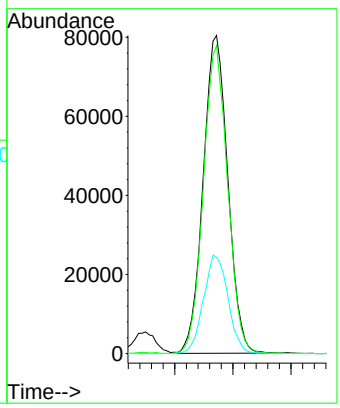
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

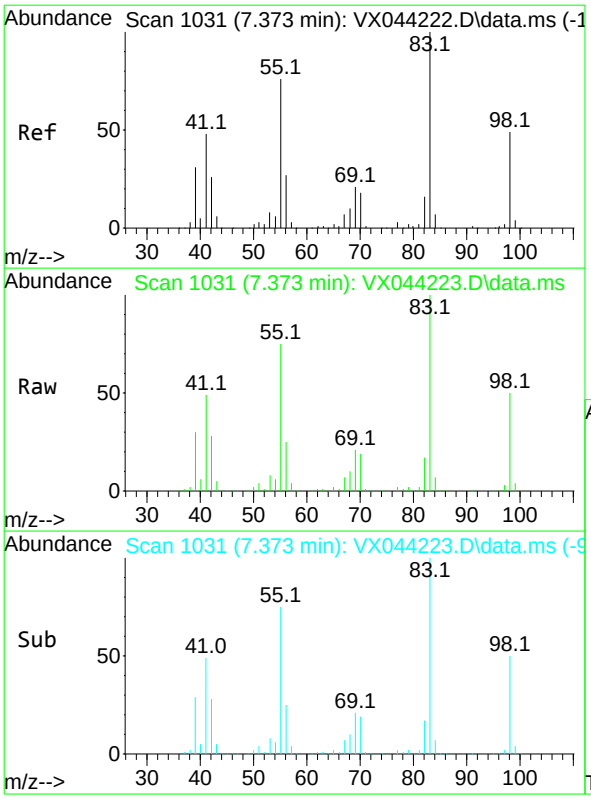


#38
Carbon Tetrachloride
Concen: 104.249 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:117 Resp: 236869

Ion	Ratio	Lower	Upper
117	100		
119	96.7	74.2	111.4
121	30.4	23.0	34.6

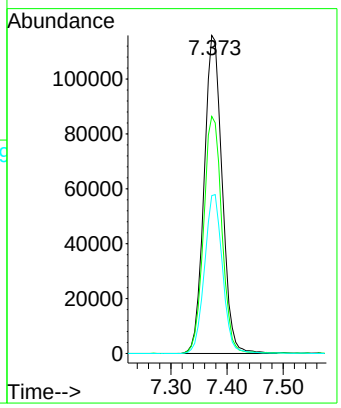




#39
Methylcyclohexane
Concen: 102.800 ug/l
RT: 7.373 min Scan# 10
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 83 Resp: 259368

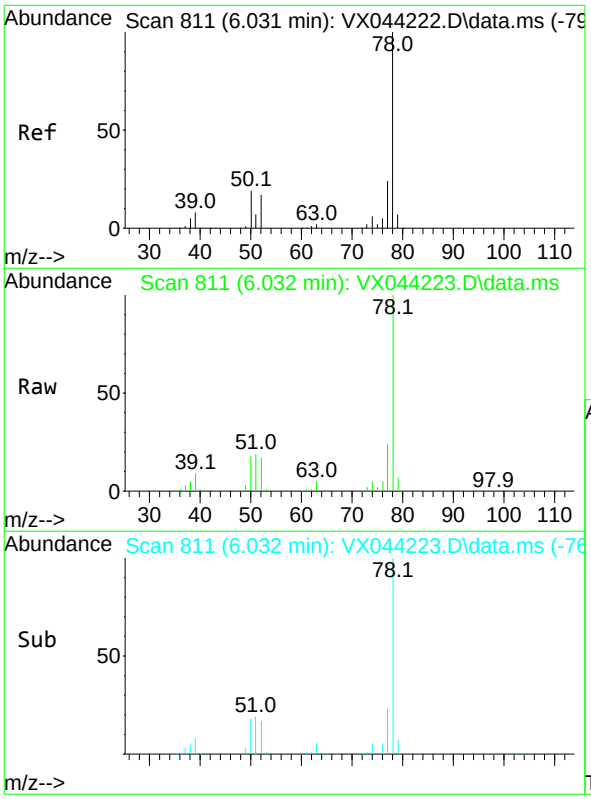
Ion	Ratio	Lower	Upper
83	100		
55	74.5	60.7	91.1
98	49.6	38.9	58.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

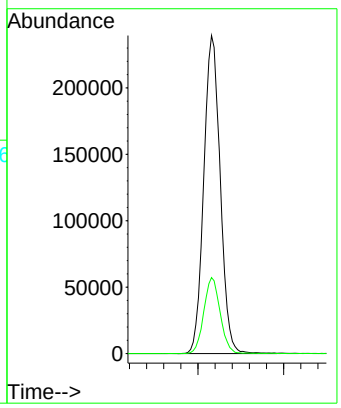
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

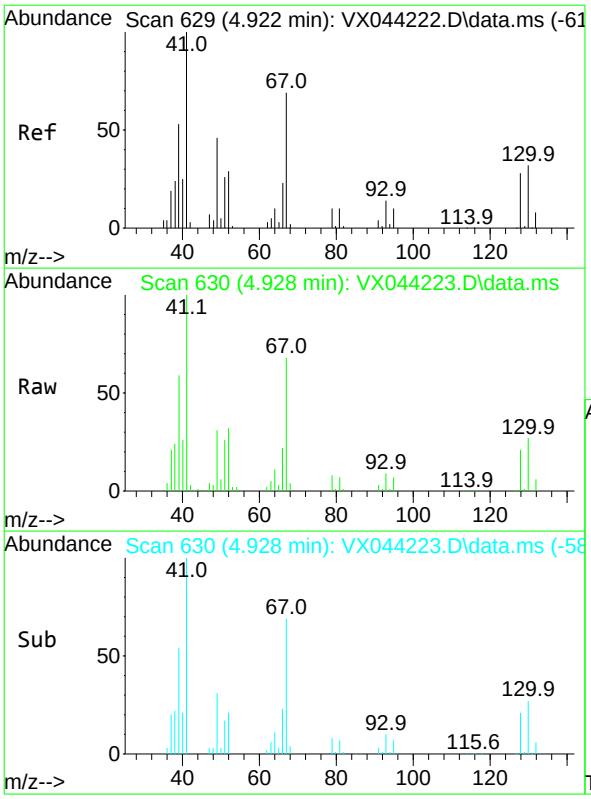


#40
Benzene
Concen: 99.575 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 78 Resp: 638055

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9

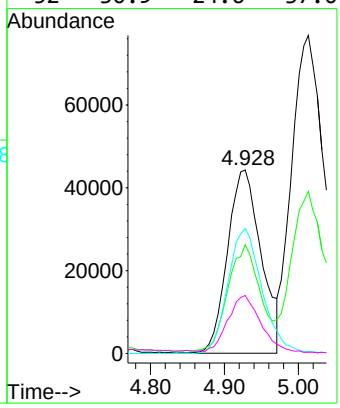




#41
Methacrylonitrile
Concen: 101.332 ug/l
RT: 4.928 min Scan# 63
Delta R.T. 0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 41 Resp: 140375

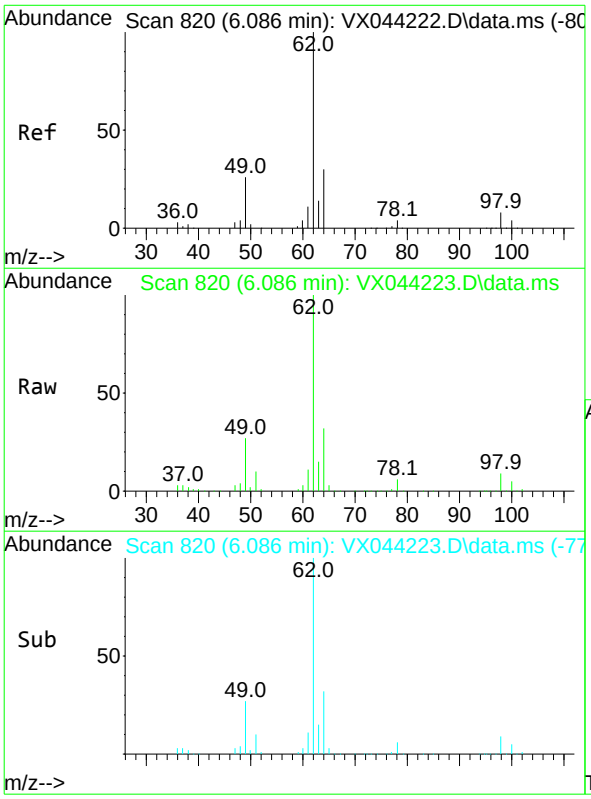
Ion	Ratio	Lower	Upper
41	100		
39	55.0	44.2	66.4
67	69.1	57.2	85.8
52	30.9	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

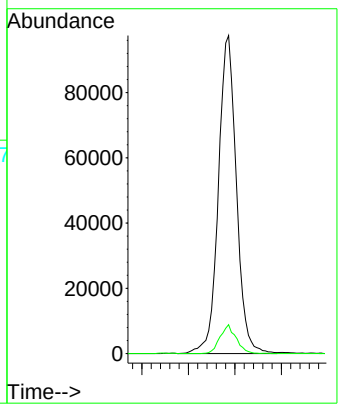
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

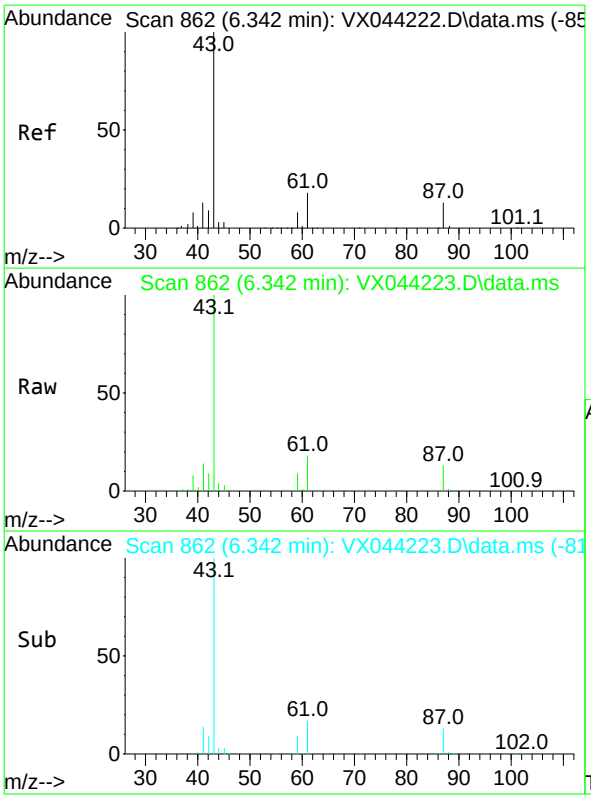


#42
1,2-Dichloroethane
Concen: 99.255 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 62 Resp: 261991

Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	15.8

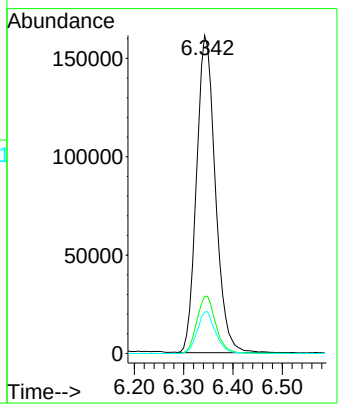




#43
Isopropyl Acetate
Concen: 104.939 ug/l
RT: 6.342 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 43 Resp: 427893

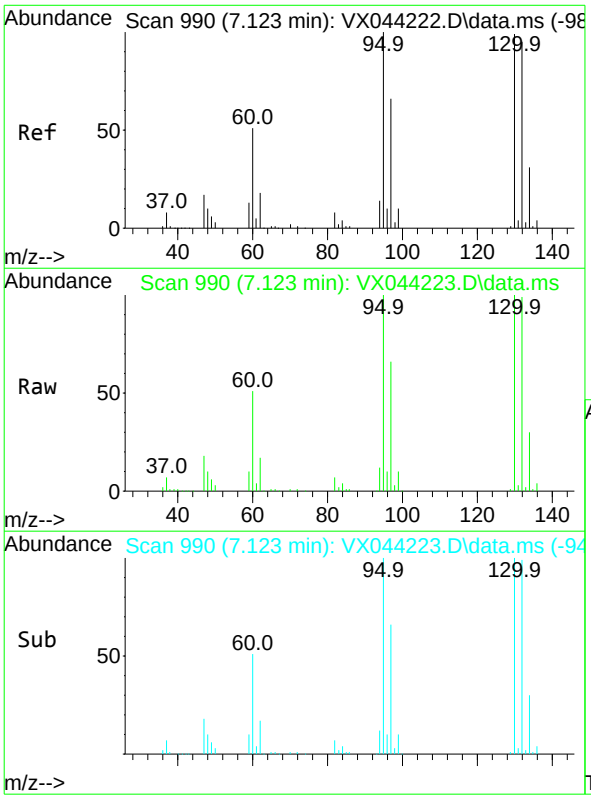
Ion	Ratio	Lower	Upper
43	100		
61	18.2	14.2	21.2
87	12.8	10.2	15.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

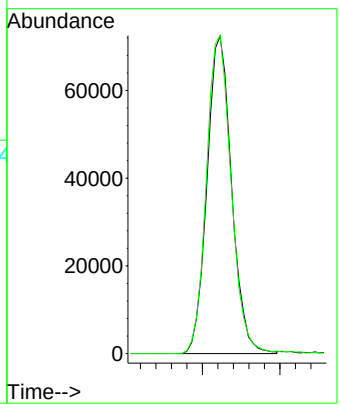
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

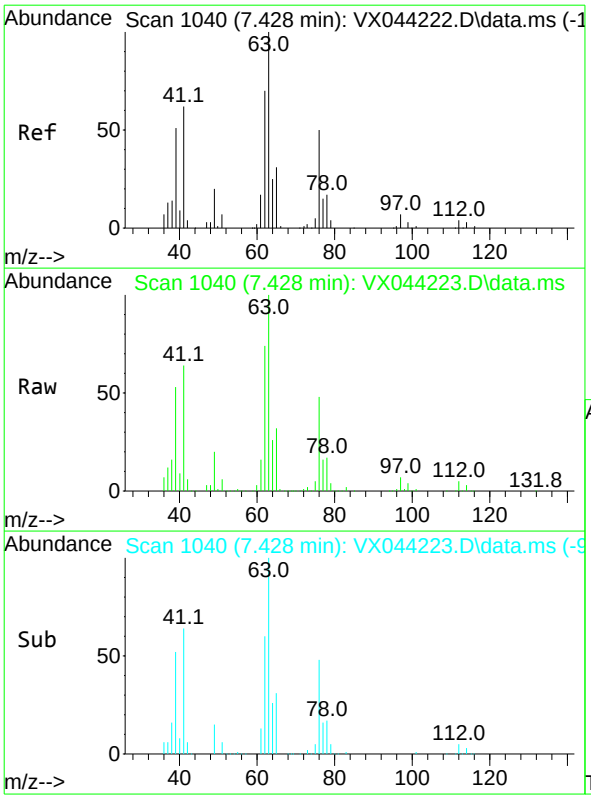


#44
Trichloroethene
Concen: 99.497 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:130 Resp: 158990

Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	201.4

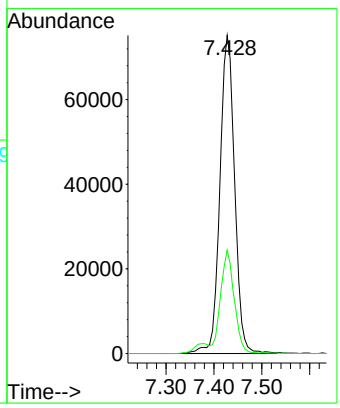




#45
1,2-Dichloropropane
Concen: 98.293 ug/l
RT: 7.428 min Scan# 10
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 63 Resp: 160913

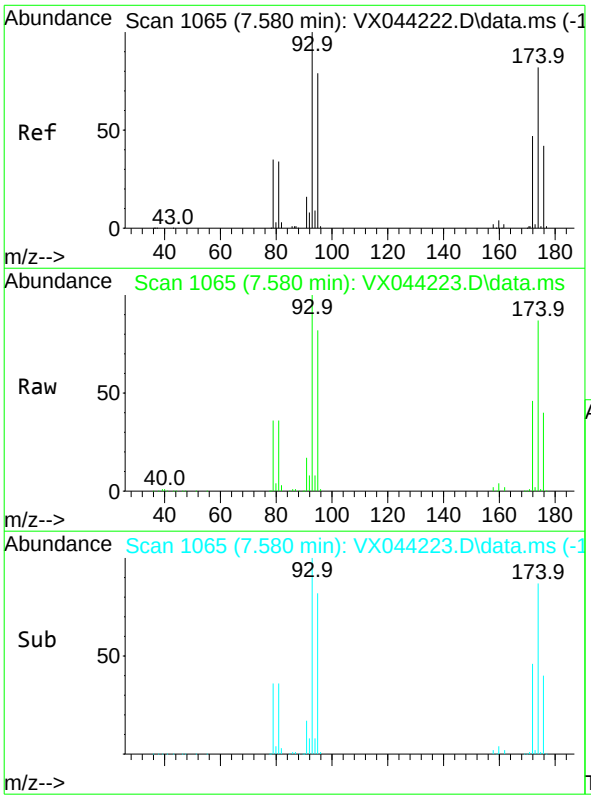
Ion	Ratio	Lower	Upper
63	100		
65	32.5	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

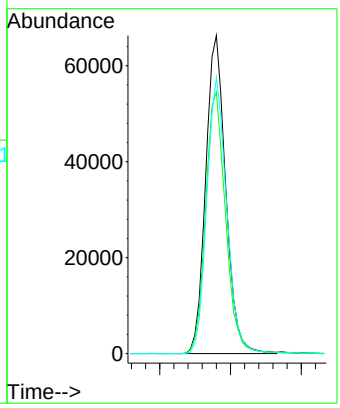
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

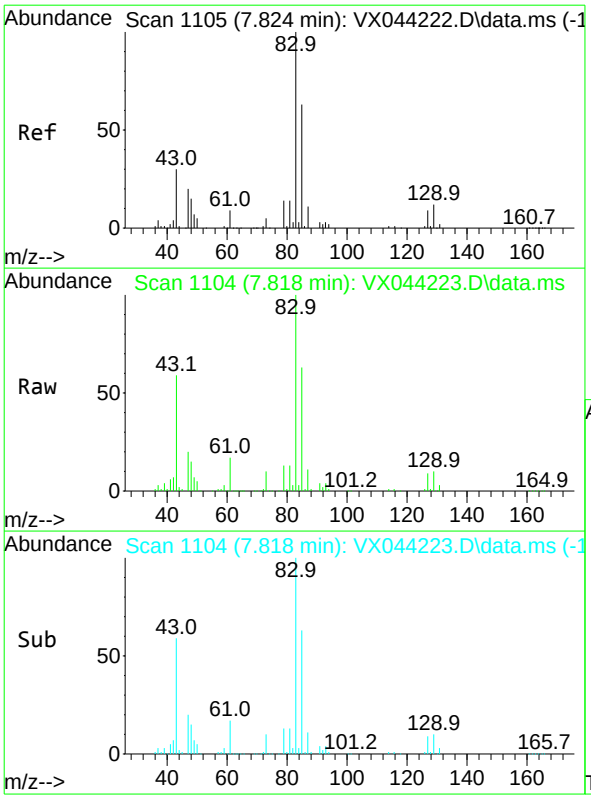


#46
Dibromomethane
Concen: 102.607 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 93 Resp: 130316

Ion	Ratio	Lower	Upper
93	100		
95	82.2	65.4	98.2
174	86.1	67.9	101.9

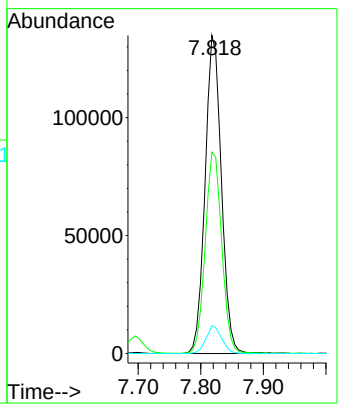




#47
Bromodichloromethane
Concen: 111.423 ug/l
RT: 7.818 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 83 Resp: 244401

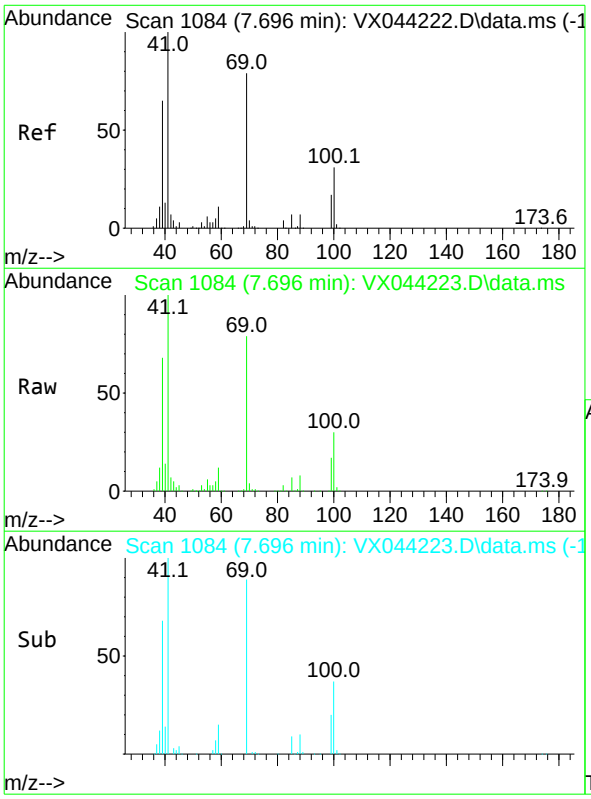
Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.6	75.8
127	8.8	7.3	10.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

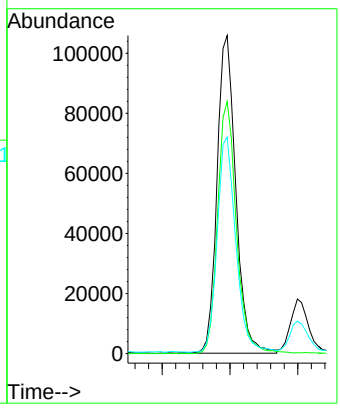
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

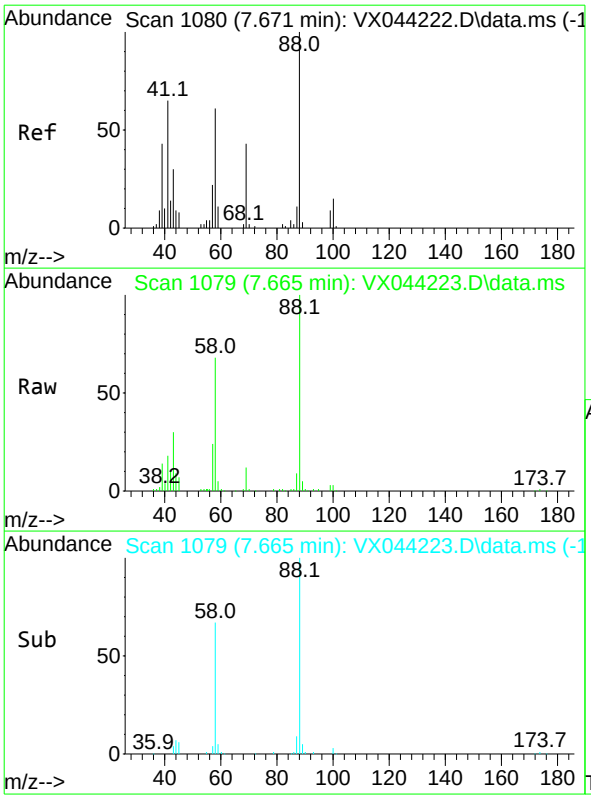


#48
Methyl methacrylate
Concen: 102.618 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 41 Resp: 203116

Ion	Ratio	Lower	Upper
41	100		
69	79.5	62.4	93.6
39	67.4	53.3	79.9

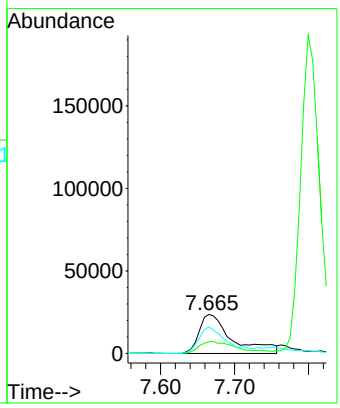




#49
1,4-Dioxane
Concen: 2170.871 ug/l m
RT: 7.665 min Scan# 10
Delta R.T. -0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 88 Resp: 73434

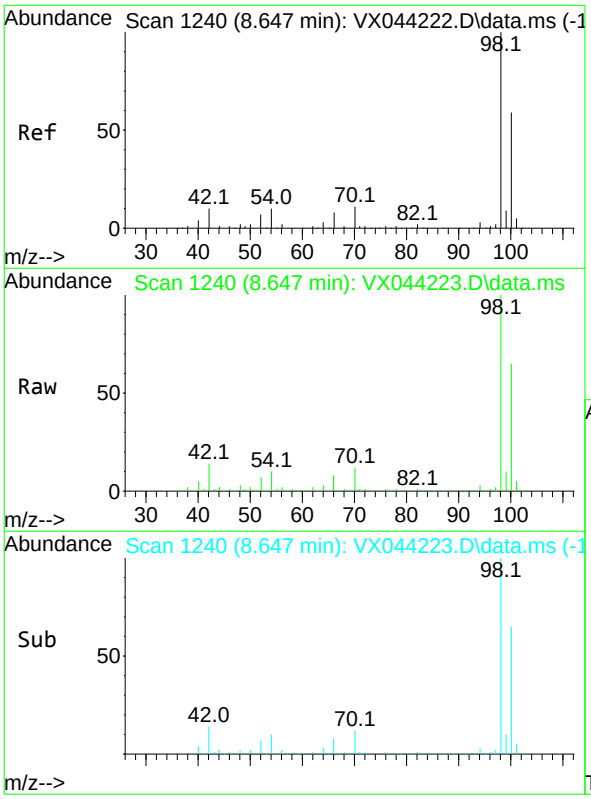
Ion	Ratio	Lower	Upper
88	100		
43	34.9	27.1	40.7
58	57.8	41.0	61.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

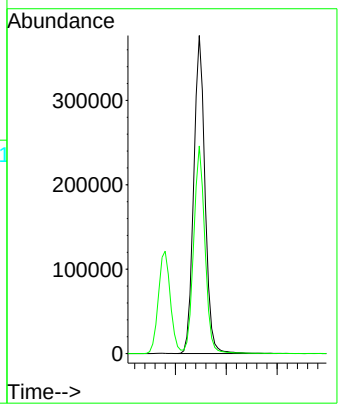
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

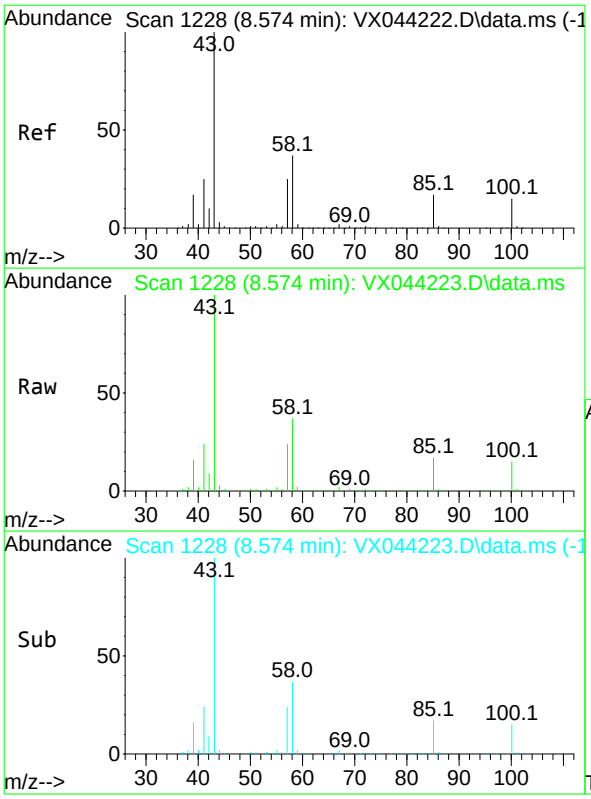


#50
Toluene-d8
Concen: 105.201 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 98 Resp: 579477

Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.5	77.3

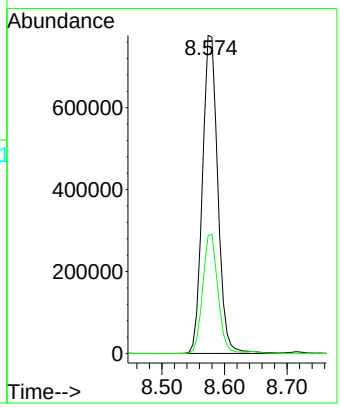




#51
4-Methyl-2-Pentanone
Concen: 504.496 ug/l
RT: 8.574 min Scan# 12
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 43 Resp: 1322678

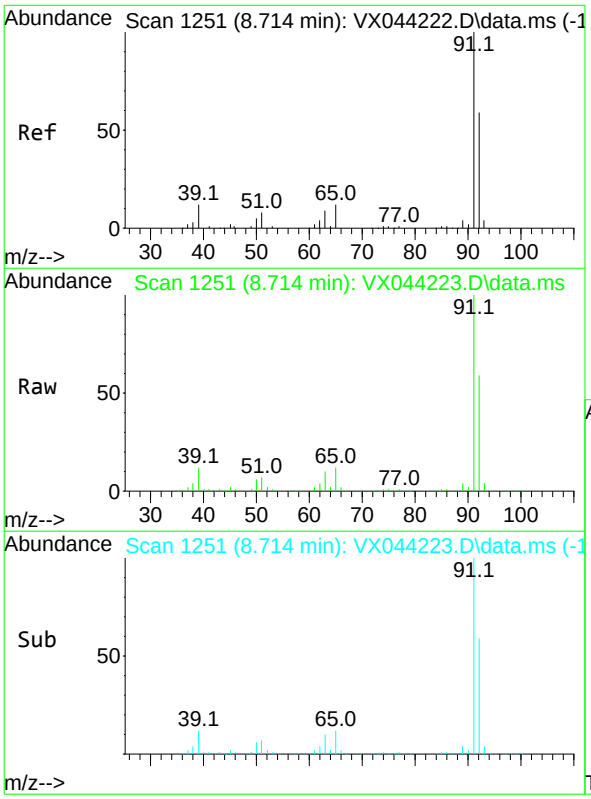
Ion	Ratio	Lower	Upper
43	100		
58	37.0	29.4	44.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

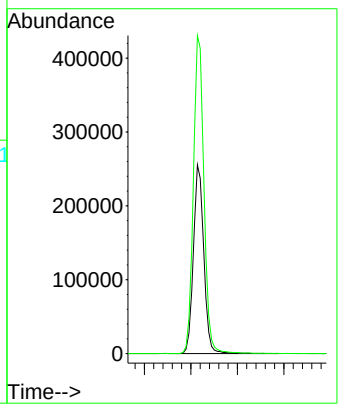
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

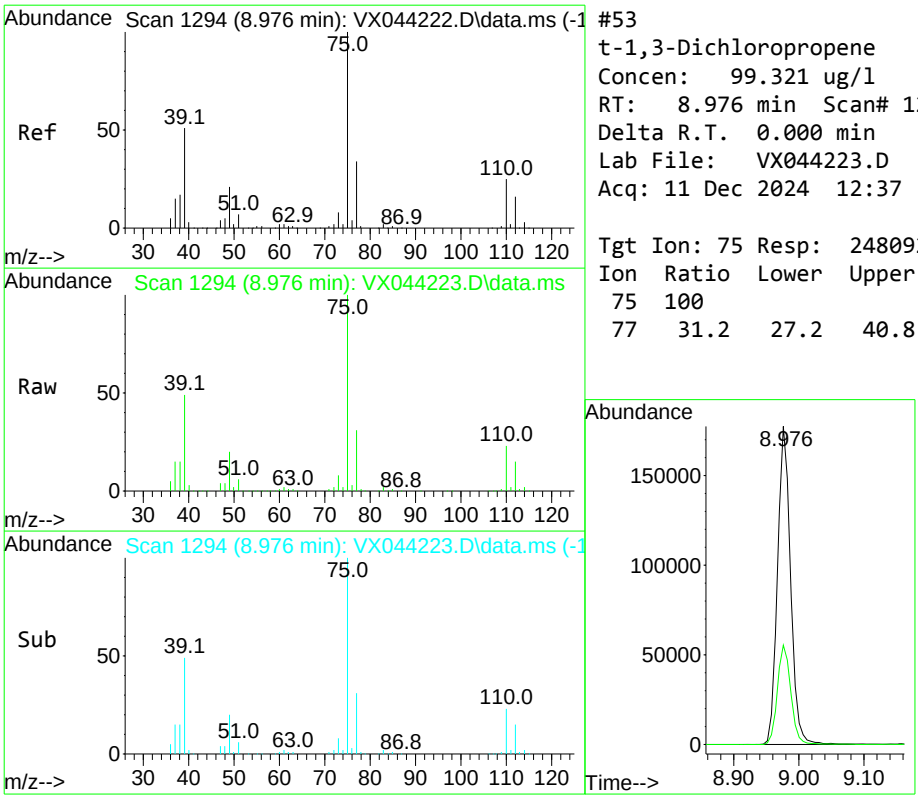


#52
Toluene
Concen: 98.506 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 92 Resp: 396383

Ion	Ratio	Lower	Upper
92	100		
91	171.4	137.0	205.6





#53
t-1,3-Dichloropropene
Concen: 99.321 ug/l
RT: 8.976 min Scan# 12
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

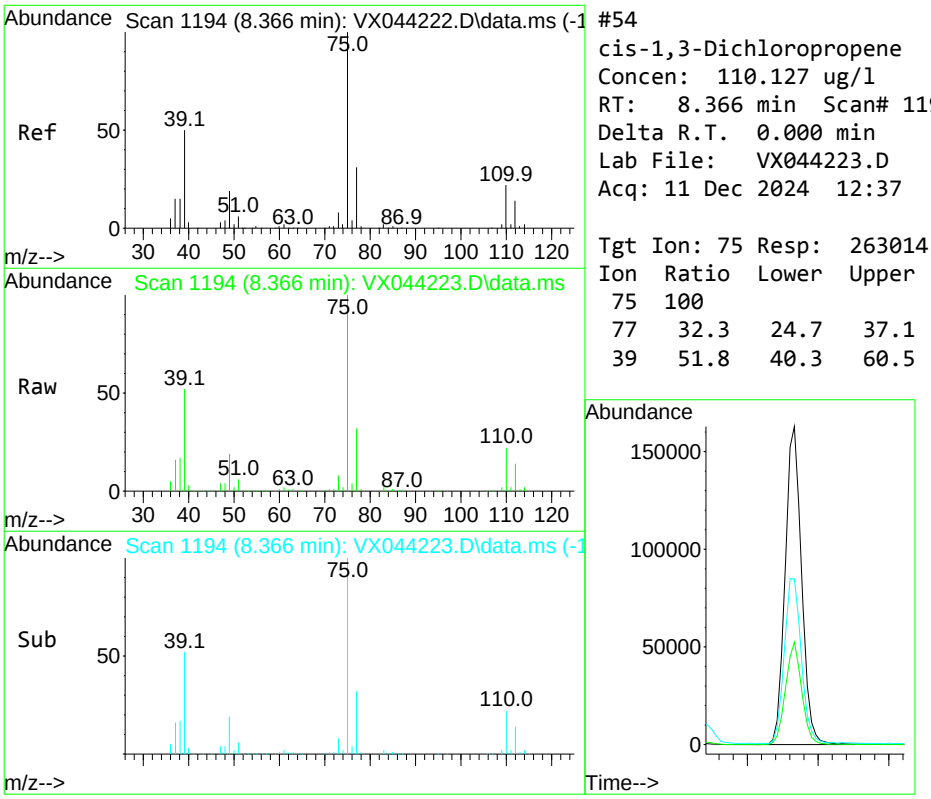
Tgt Ion: 75 Resp: 248092

Ion	Ratio	Lower	Upper
75	100		
77	31.2	27.2	40.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

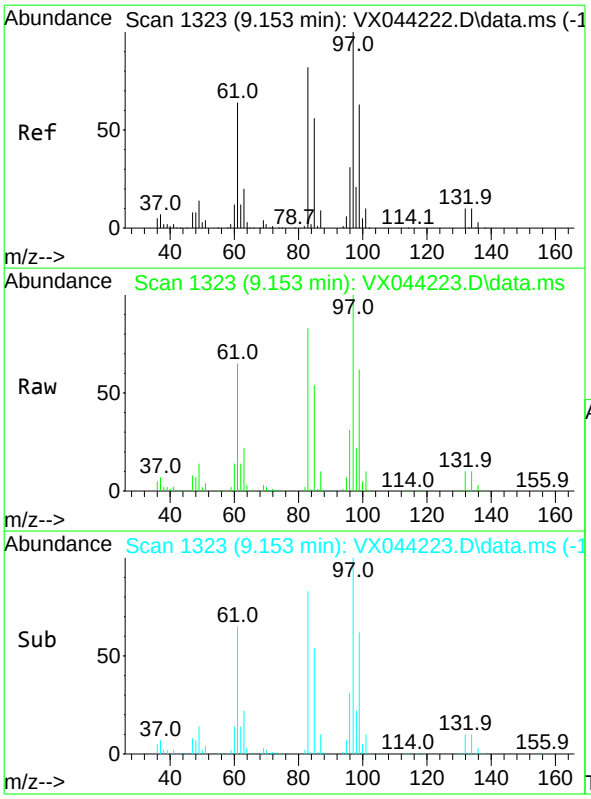
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#54
cis-1,3-Dichloropropene
Concen: 110.127 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 75 Resp: 263014

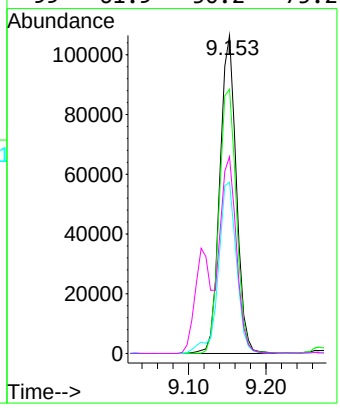
Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.7	37.1
39	51.8	40.3	60.5



#55
1,1,2-Trichloroethane
Concen: 98.441 ug/l
RT: 9.153 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 97 Resp: 157366

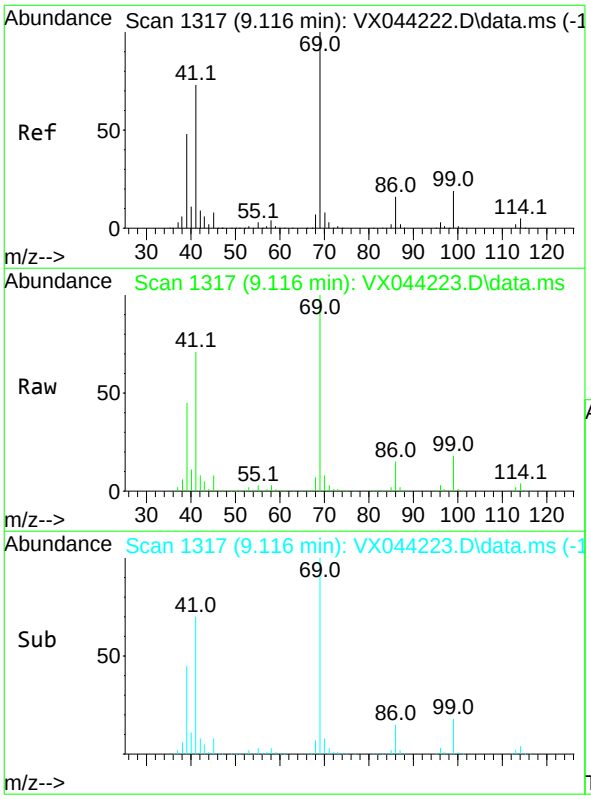
Ion	Ratio	Lower	Upper
97	100		
83	83.1	65.3	97.9
85	53.8	44.6	67.0
99	61.9	50.2	75.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

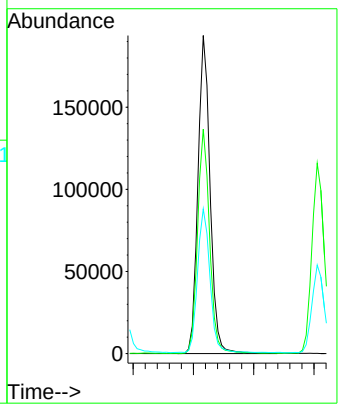
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

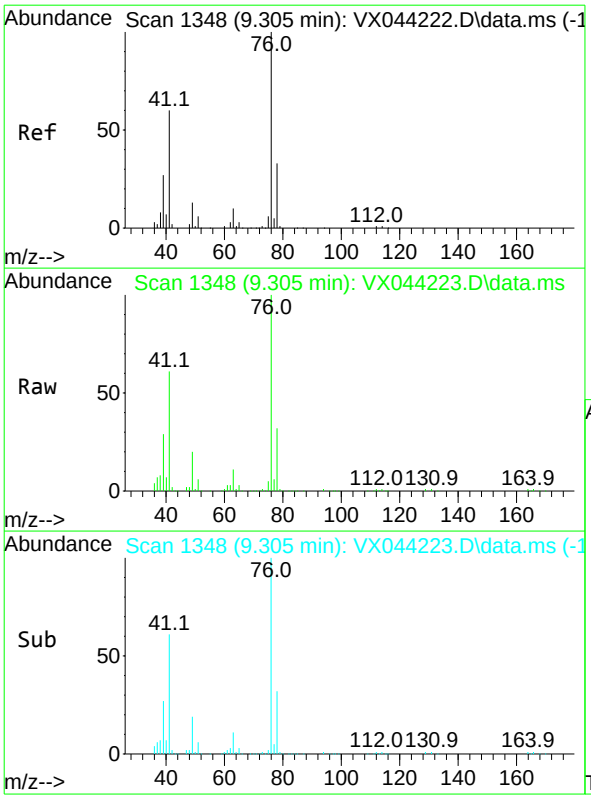


#56
Ethyl methacrylate
Concen: 107.442 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 69 Resp: 271146

Ion	Ratio	Lower	Upper
69	100		
41	69.4	56.6	85.0
39	46.1	37.4	56.0

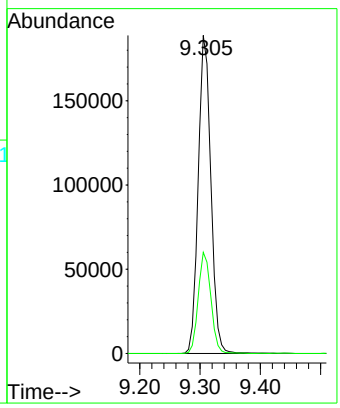




#57
1,3-Dichloropropane
Concen: 98.704 ug/l
RT: 9.305 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 76 Resp: 274642

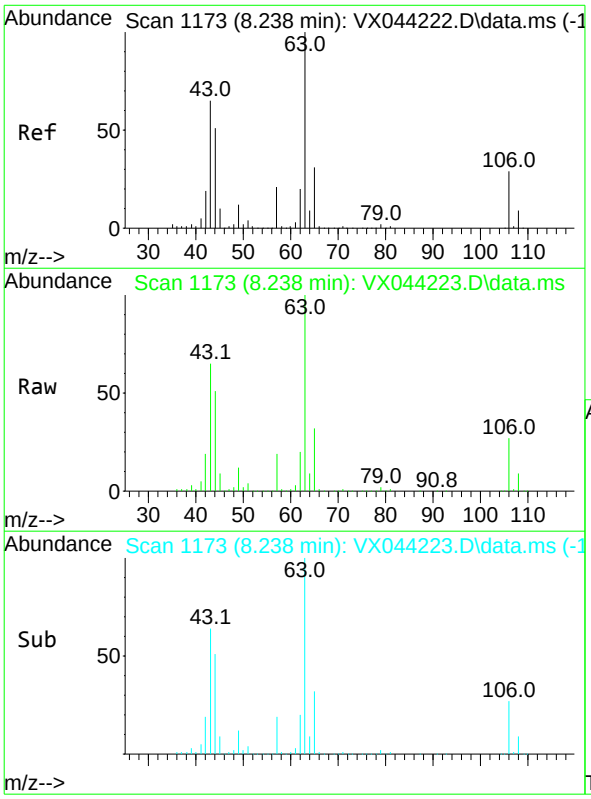
Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

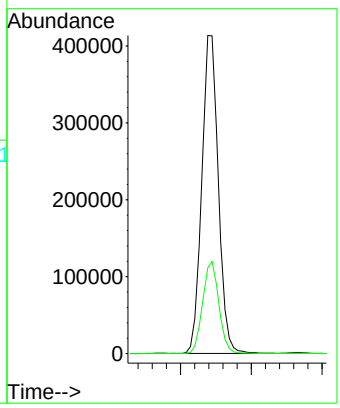
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

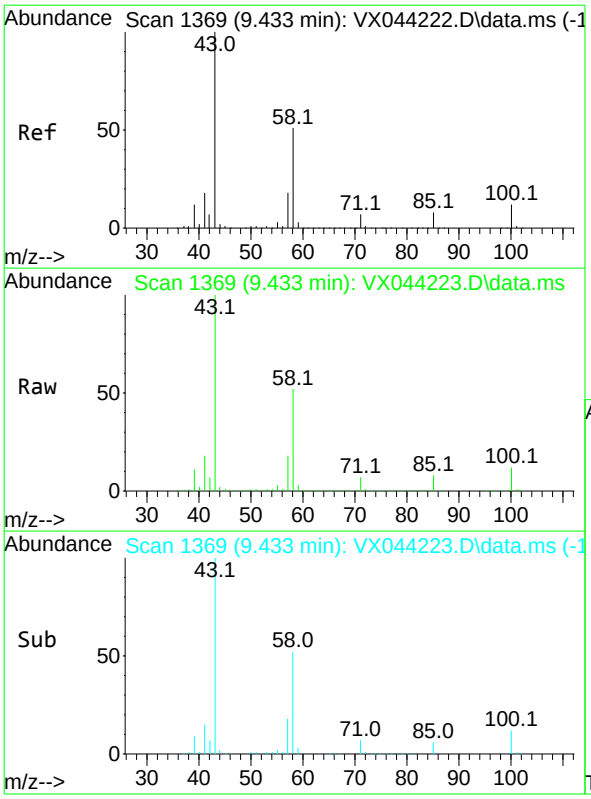


#58
2-Chloroethyl Vinyl ether
Concen: 527.342 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 63 Resp: 671233

Ion	Ratio	Lower	Upper
63	100		
106	28.4	22.8	34.2

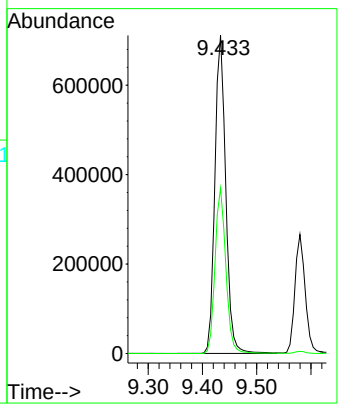




#59
2-Hexanone
Concen: 521.401 ug/l
RT: 9.433 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 43 Resp: 989466

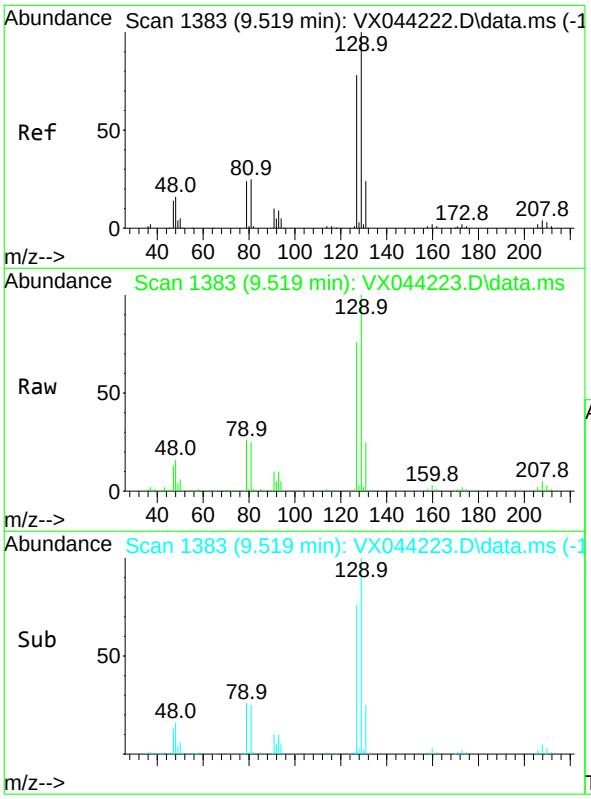
Ion	Ratio	Lower	Upper
43	100		
58	51.9	25.7	77.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

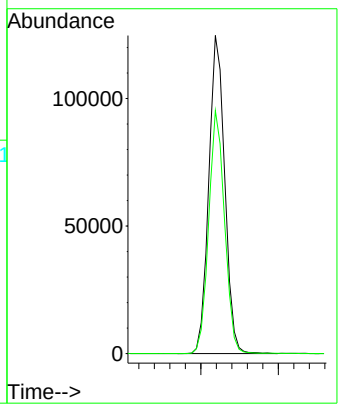
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

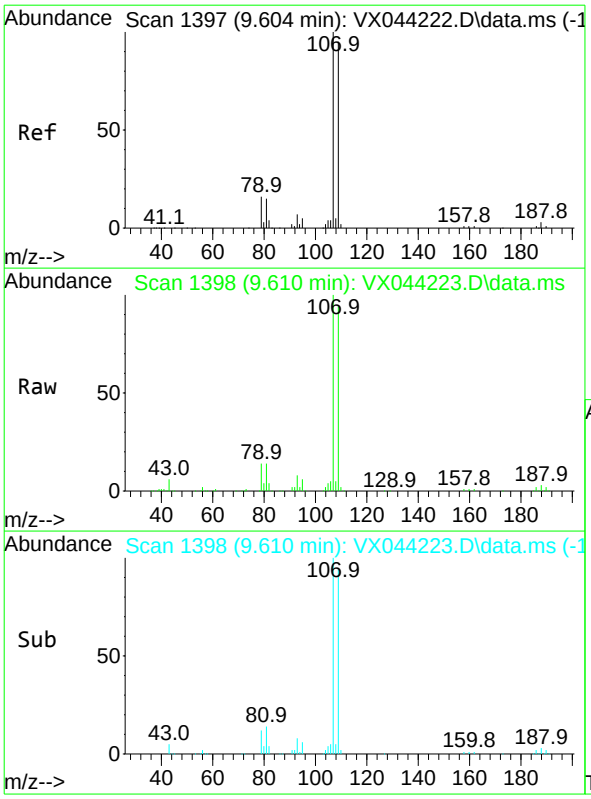


#60
Dibromochloromethane
Concen: 99.480 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:129 Resp: 178135

Ion	Ratio	Lower	Upper
129	100		
127	76.0	38.5	115.3

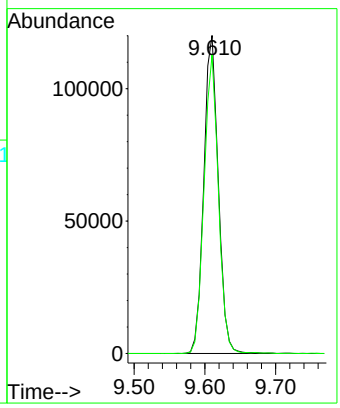




#61
1,2-Dibromoethane
Concen: 105.371 ug/l
RT: 9.610 min Scan# 13
Delta R.T. 0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:107 Resp: 171458

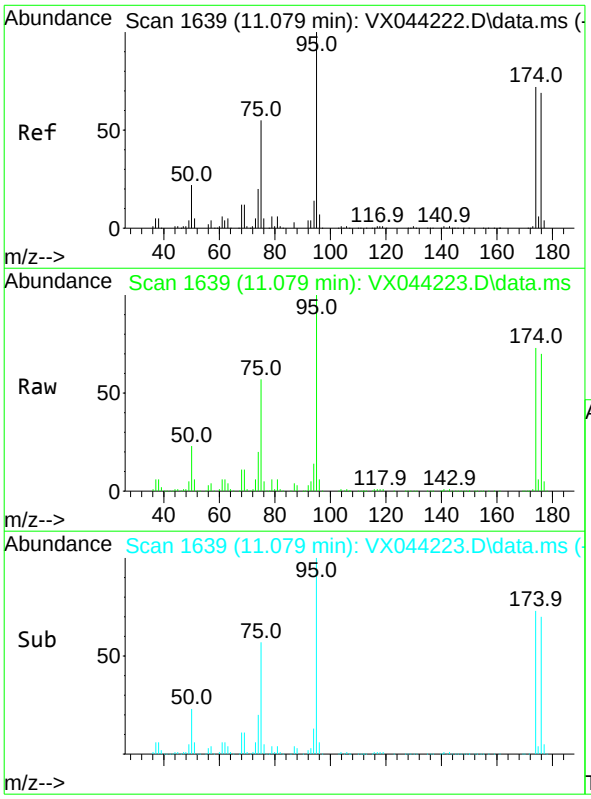
Ion	Ratio	Lower	Upper
107	100		
109	93.1	77.0	115.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

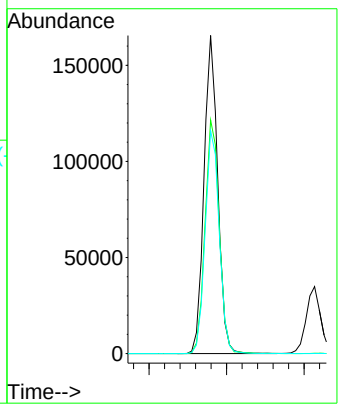
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

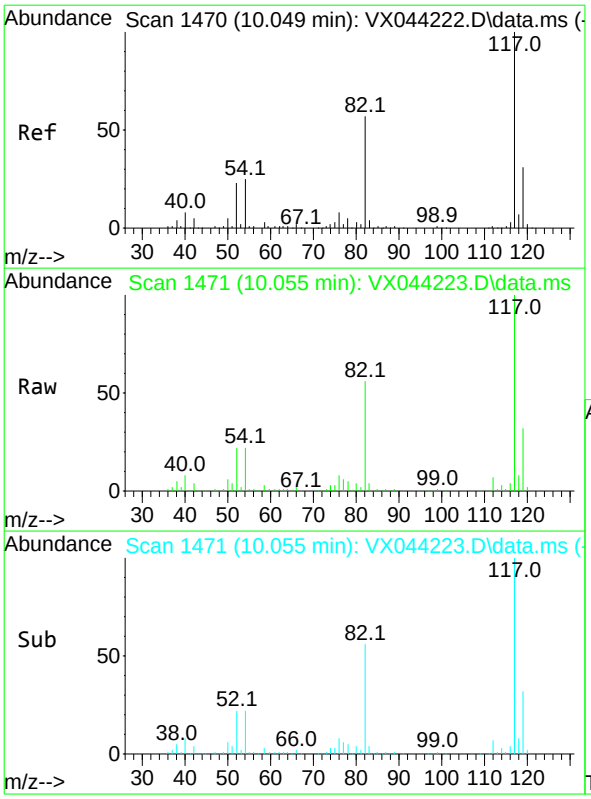


#62
4-Bromofluorobenzene
Concen: 105.830 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 95 Resp: 203694

Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	145.8
176	72.0	0.0	137.8

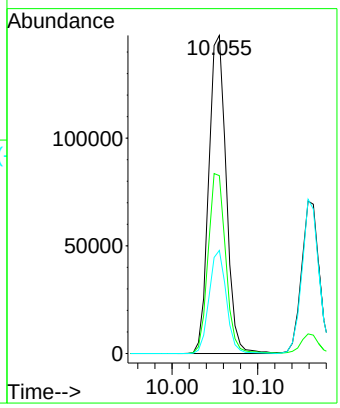




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:117 Resp: 209164

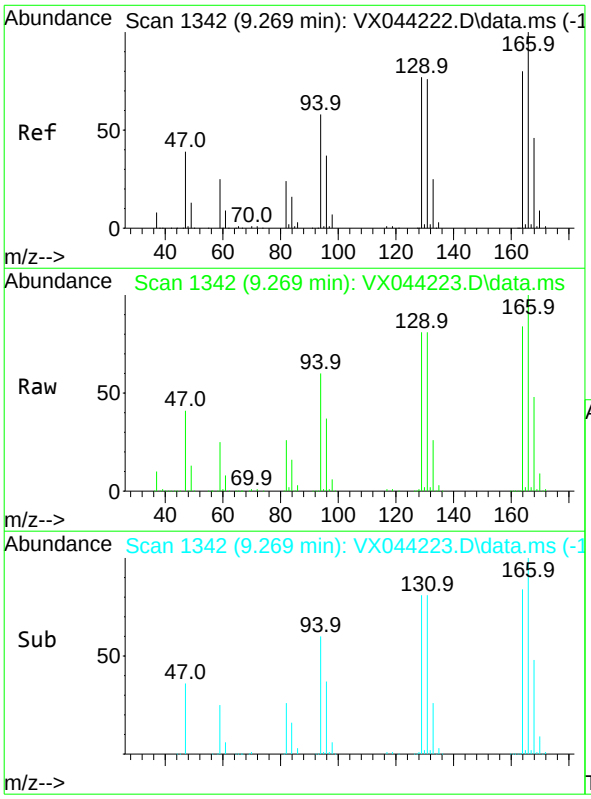
Ion	Ratio	Lower	Upper
117	100		
82	55.9	45.8	68.8
119	32.4	25.0	37.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

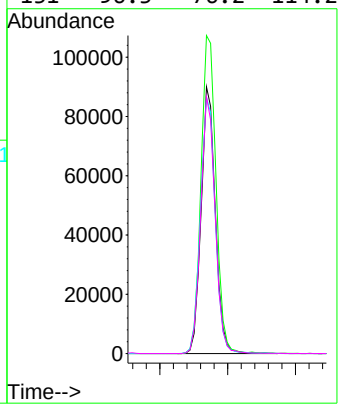
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

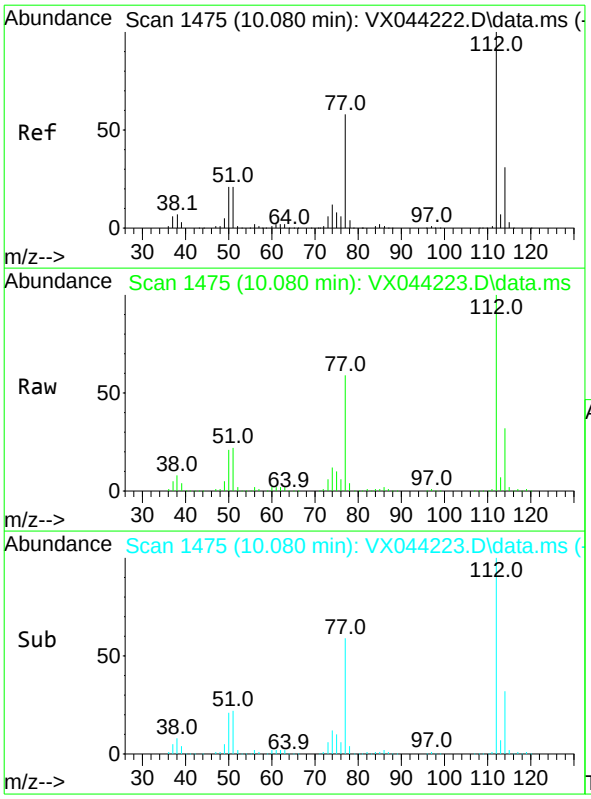


#64
Tetrachloroethene
Concen: 94.131 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:164 Resp: 130678

Ion	Ratio	Lower	Upper
164	100		
166	119.2	100.4	150.6
129	96.1	77.2	115.8
131	96.3	76.2	114.2

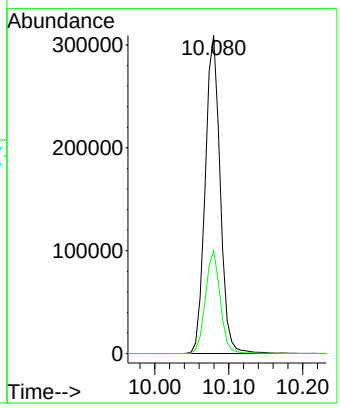




#65
Chlorobenzene
Concen: 96.650 ug/l
RT: 10.080 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:112 Resp: 433179

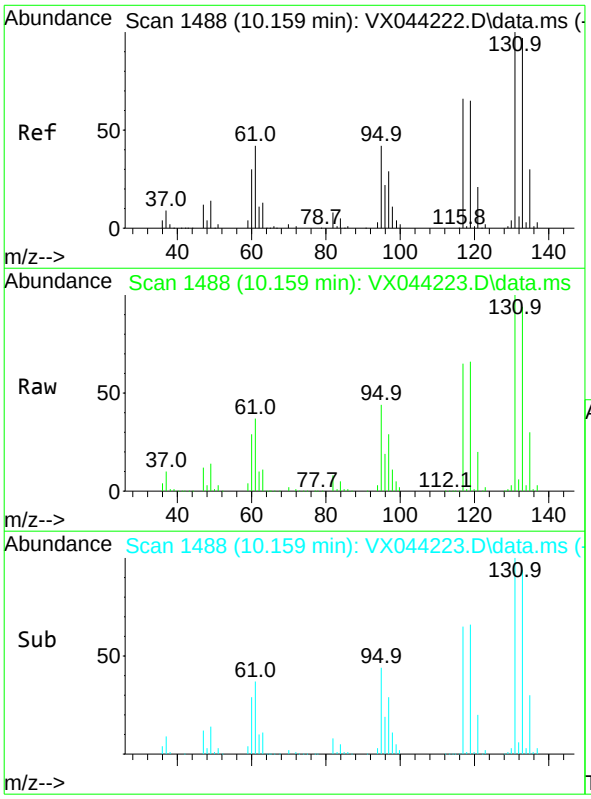
Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

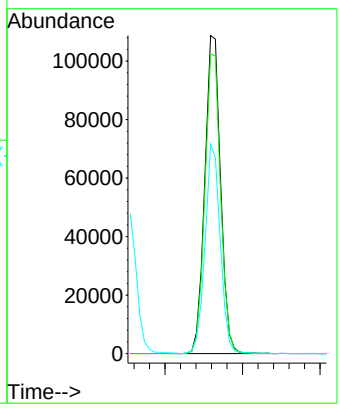
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

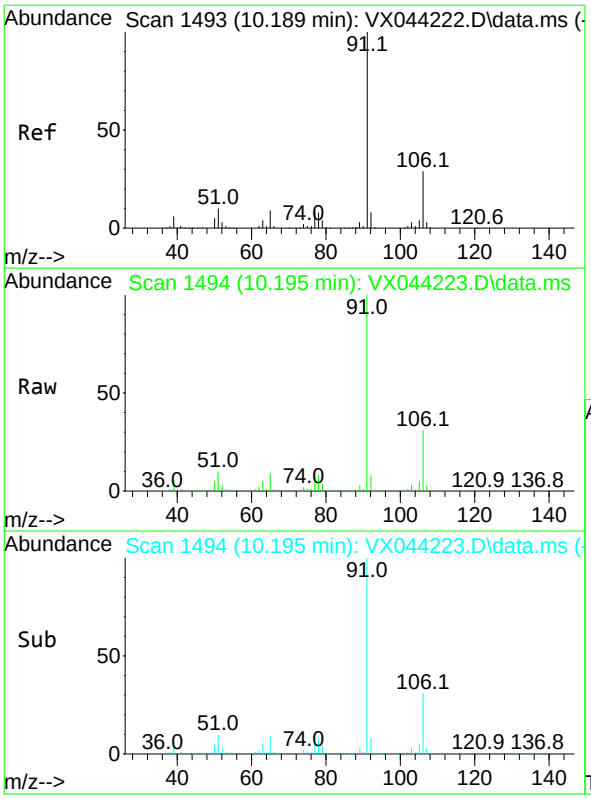


#66
1,1,1,2-Tetrachloroethane
Concen: 106.831 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:131 Resp: 153882

Ion	Ratio	Lower	Upper
131	100		
133	93.6	47.3	141.8
119	63.5	31.6	95.0

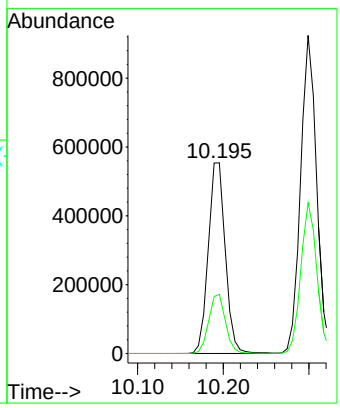




#67
Ethyl Benzene
Concen: 98.906 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 91 Resp: 765930

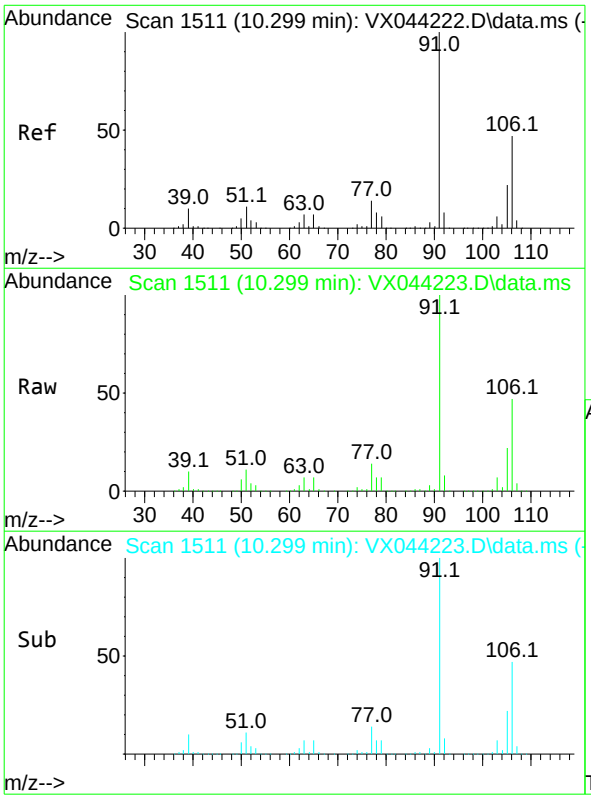
Ion	Ratio	Lower	Upper
91	100		
106	31.0	23.5	35.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

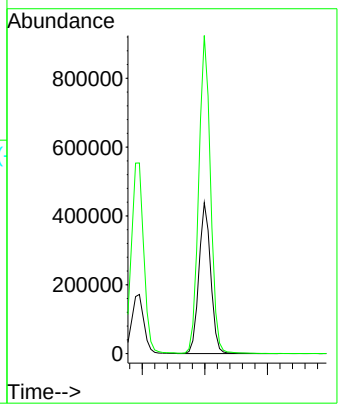
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

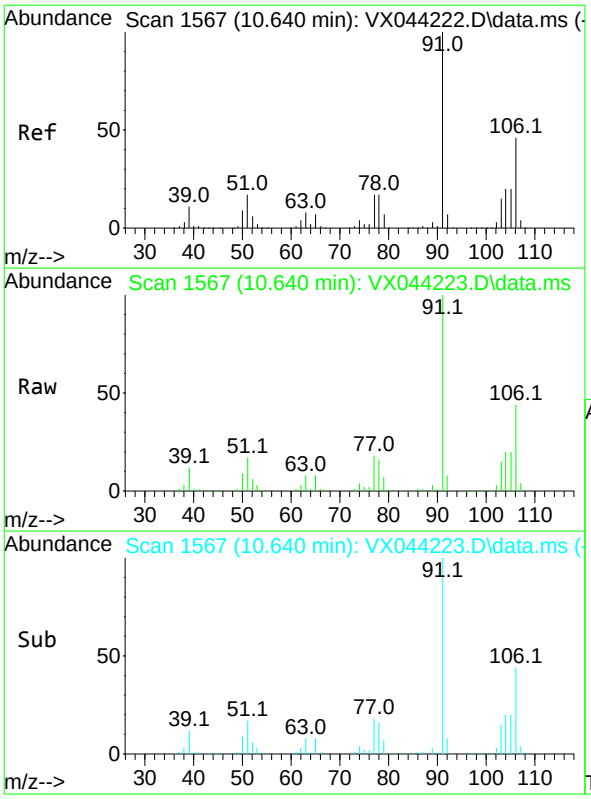


#68
m/p-Xylenes
Concen: 201.171 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:106 Resp: 571648

Ion	Ratio	Lower	Upper
106	100		
91	211.0	170.2	255.2

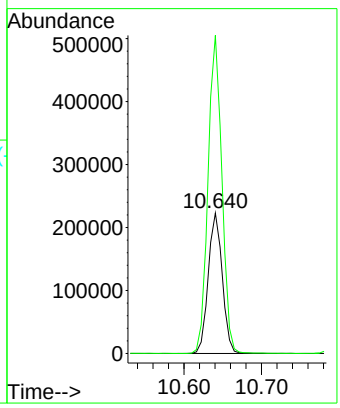




#69
o-Xylene
Concen: 97.597 ug/l
RT: 10.640 min Scan# 15
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:106 Resp: 280603

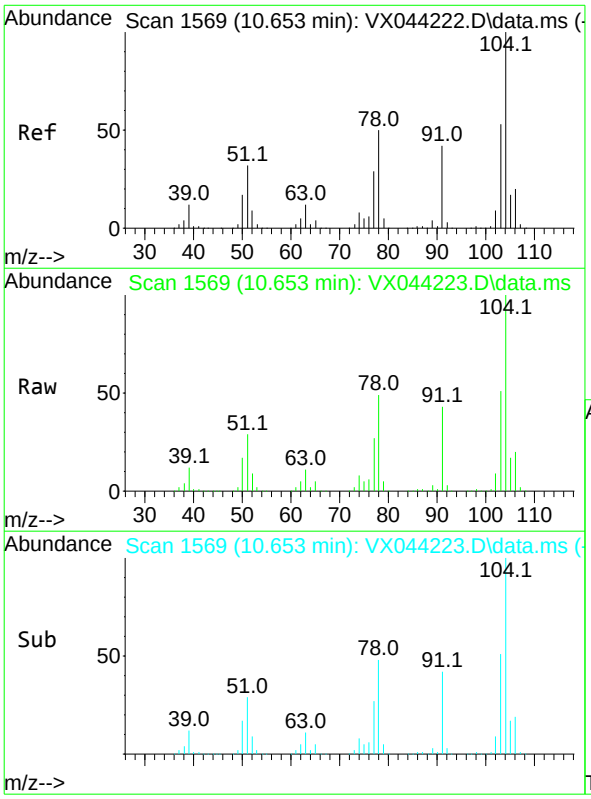
Ion	Ratio	Lower	Upper
106	100		
91	223.9	112.3	337.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

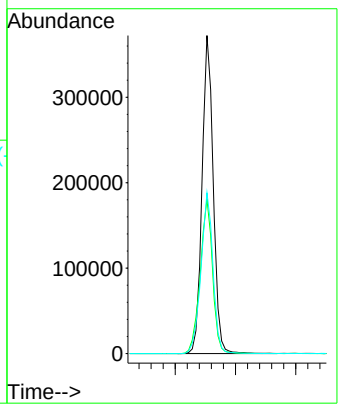
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

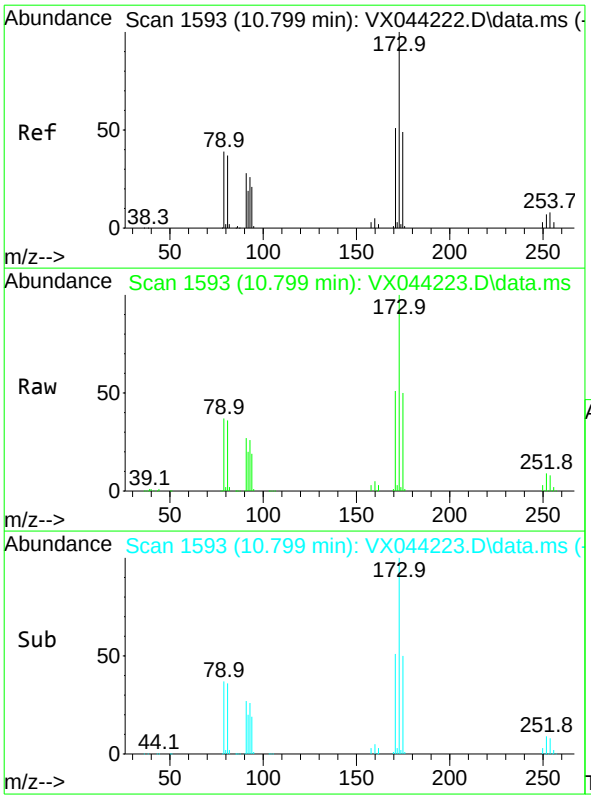


#70
Styrene
Concen: 104.159 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:104 Resp: 480077

Ion	Ratio	Lower	Upper
104	100		
78	53.5	44.6	67.0
103	54.5	45.4	68.0

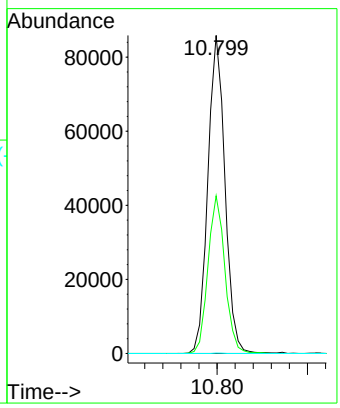




#71
Bromoform
Concen: 99.723 ug/l
RT: 10.799 min Scan# 15
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:173 Resp: 112482

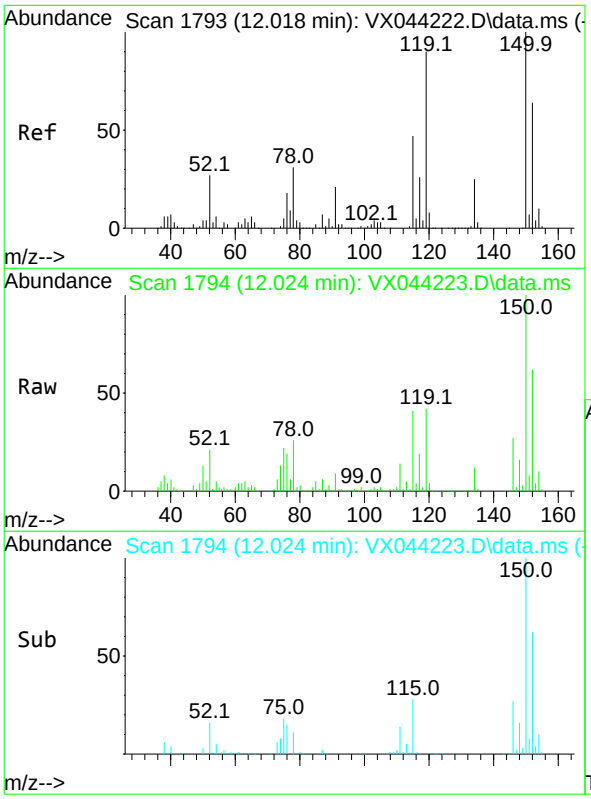
Ion	Ratio	Lower	Upper
173	100		
175	49.2	23.8	71.4
254	0.1	0.0	0.0#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

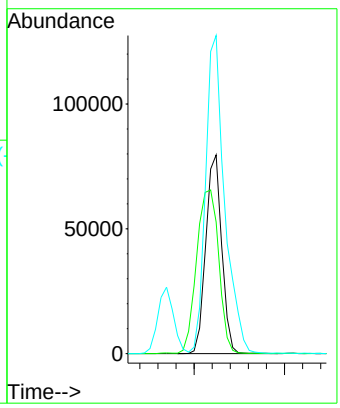
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

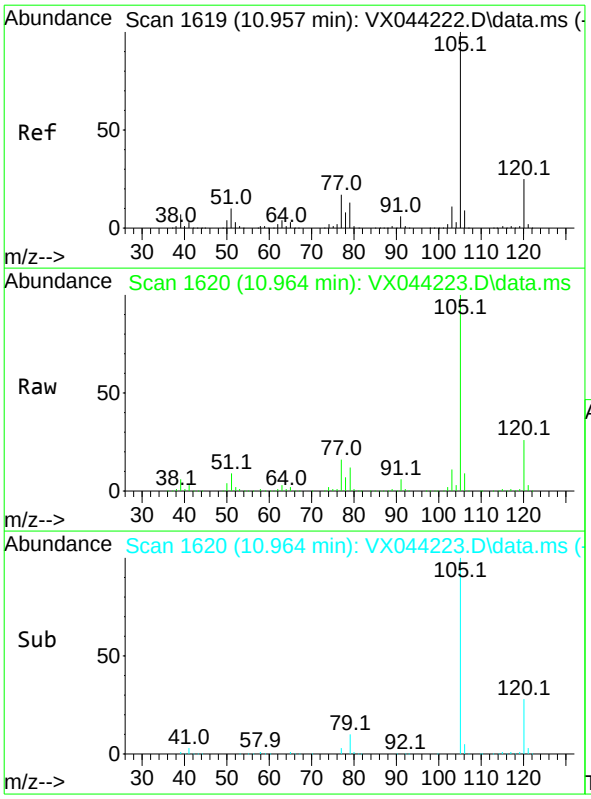


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:152 Resp: 97670

Ion	Ratio	Lower	Upper
152	100		
115	114.3	44.5	133.3
150	190.6	0.0	353.8

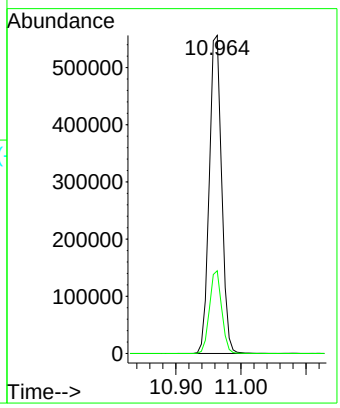




#73
Isopropylbenzene
Concen: 97.894 ug/l
RT: 10.964 min Scan# 16
Delta R.T. 0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:105 Resp: 731955

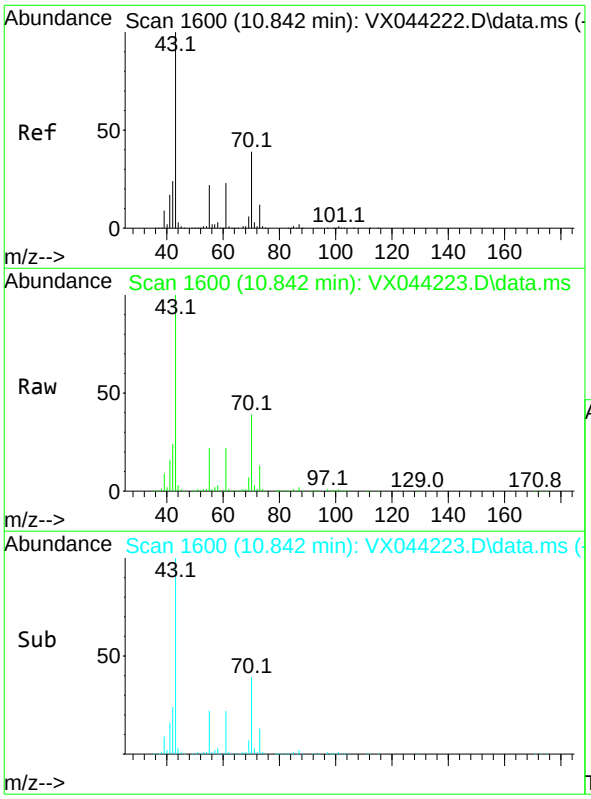
Ion	Ratio	Lower	Upper
105	100		
120	25.7	13.1	39.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

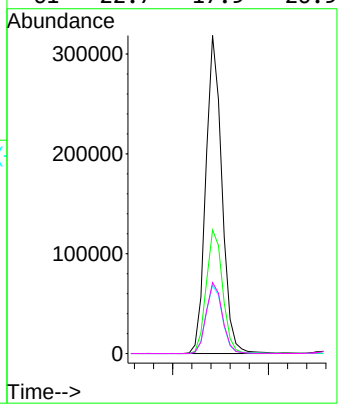
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

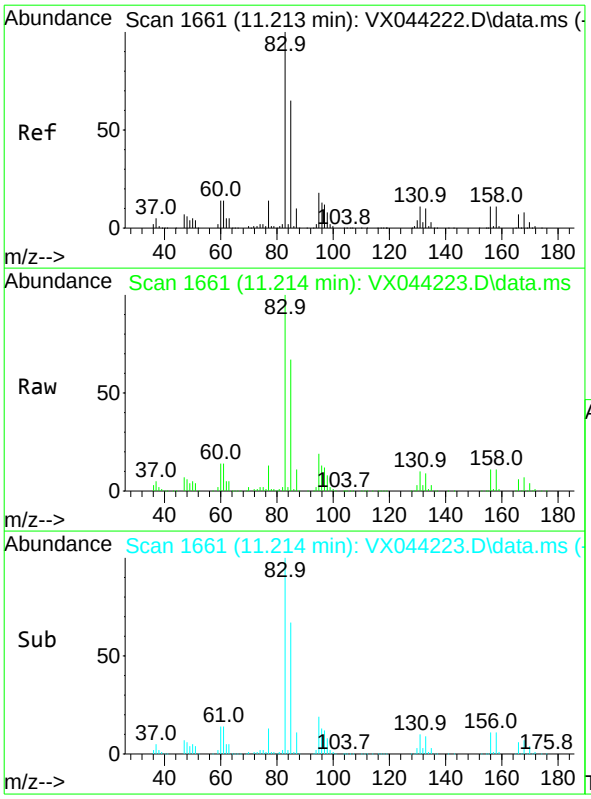


#74
N-amyl acetate
Concen: 107.485 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 43 Resp: 371420

Ion	Ratio	Lower	Upper
43	100		
70	39.7	31.9	47.9
55	22.2	17.9	26.9
61	22.7	17.9	26.9

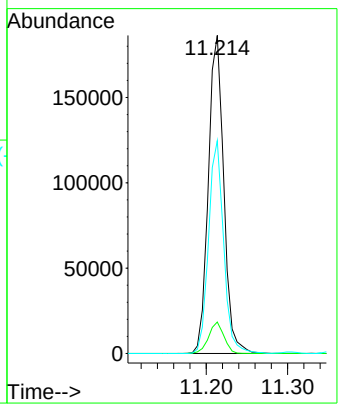




#75
1,1,2,2-Tetrachloroethane
Concen: 94.491 ug/l
RT: 11.214 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 83 Resp: 245395

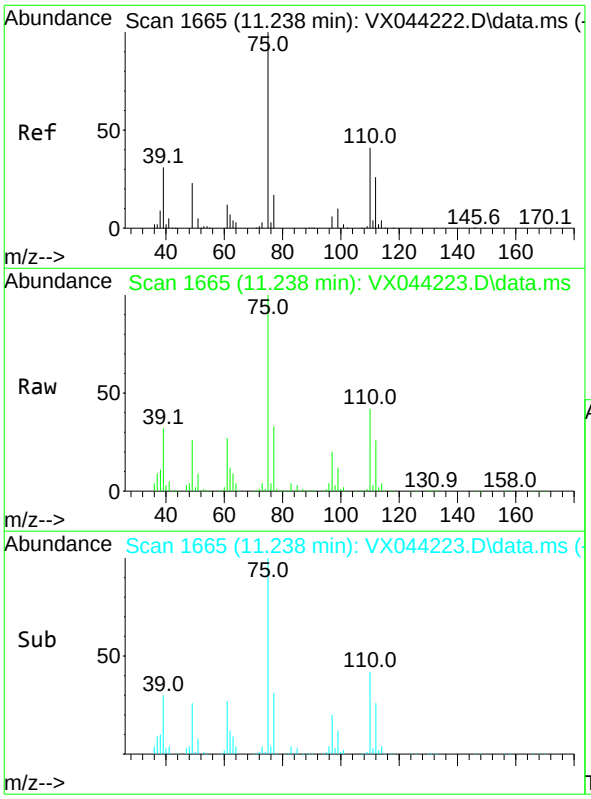
Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.1	15.4
85	65.4	32.5	97.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

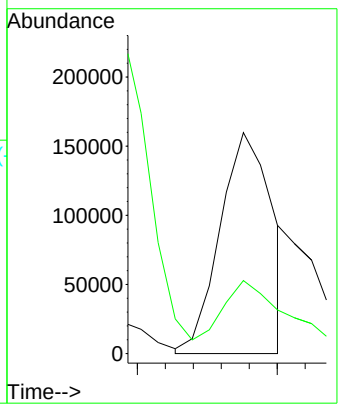
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

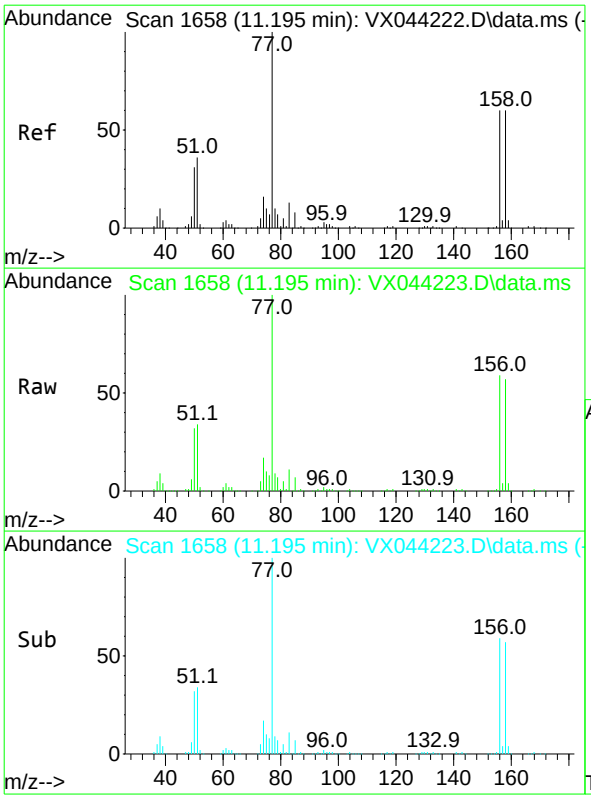


#76
1,2,3-Trichloropropane
Concen: 93.302 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 75 Resp: 206786

Ion	Ratio	Lower	Upper
75	100		
77	43.4	20.9	62.7

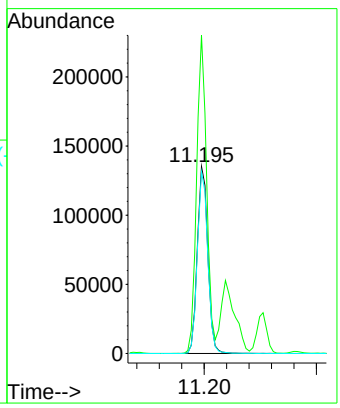




#77
Bromobenzene
Concen: 96.874 ug/l
RT: 11.195 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:156 Resp: 175647

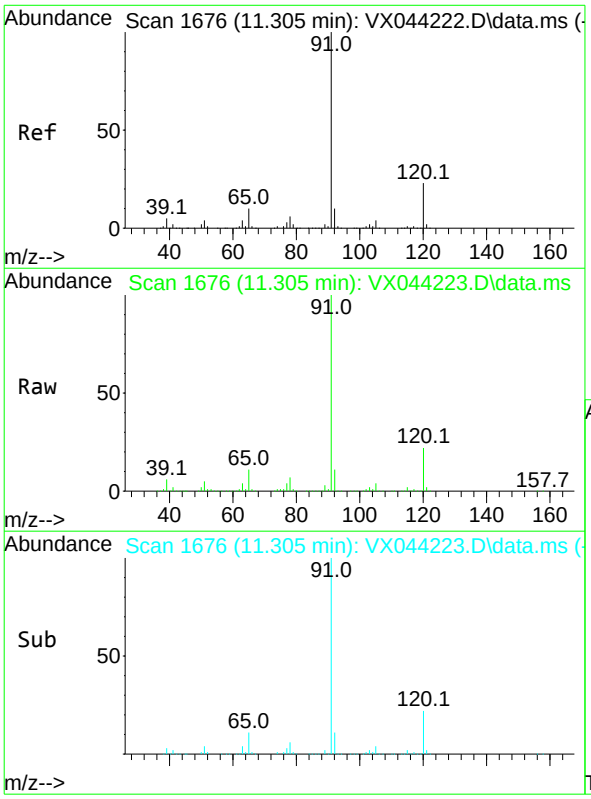
Ion	Ratio	Lower	Upper
156	100		
77	162.7	82.6	247.8
158	96.2	48.8	146.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

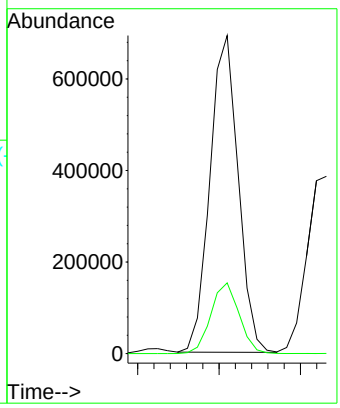
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

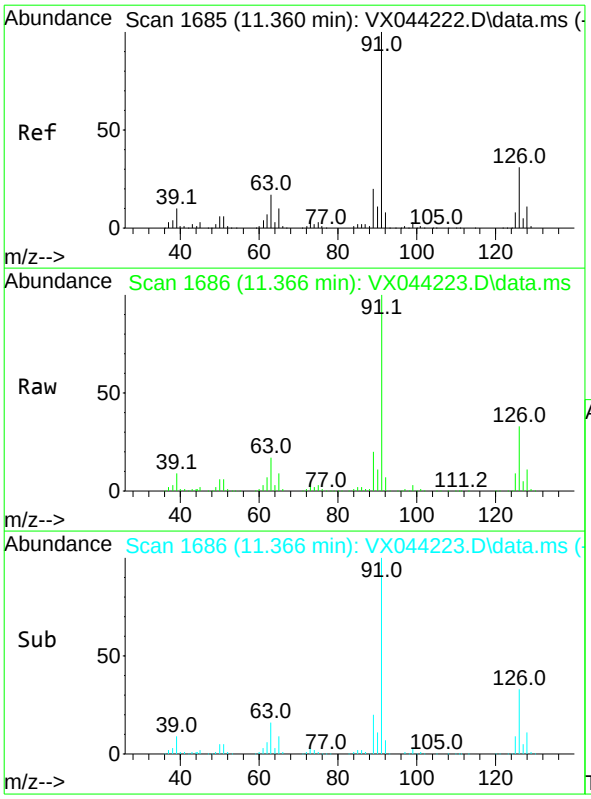


#78
n-propylbenzene
Concen: 101.242 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 91 Resp: 836676

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.0	33.0

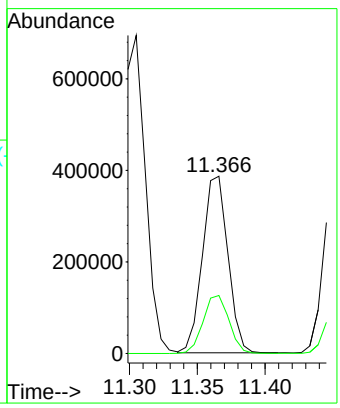




#79
2-Chlorotoluene
Concen: 94.377 ug/l
RT: 11.366 min Scan# 16
Delta R.T. 0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 91 Resp: 504407

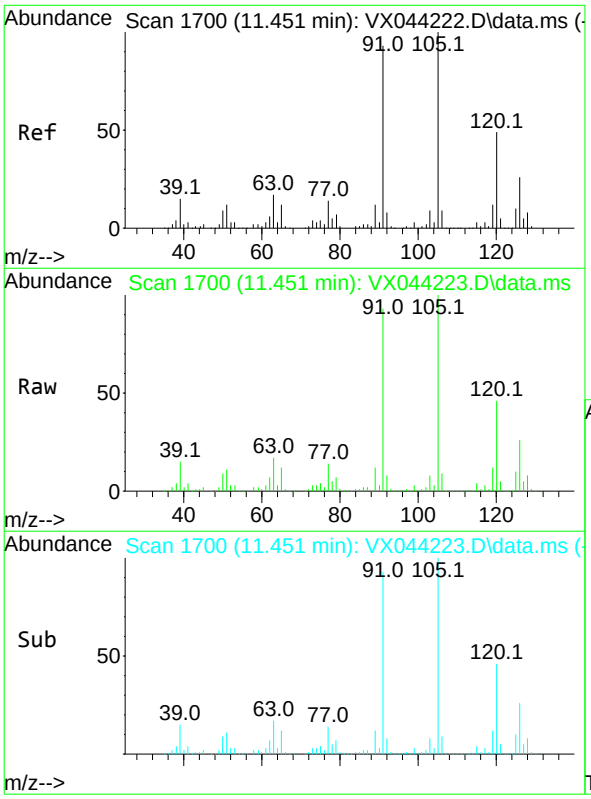
Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

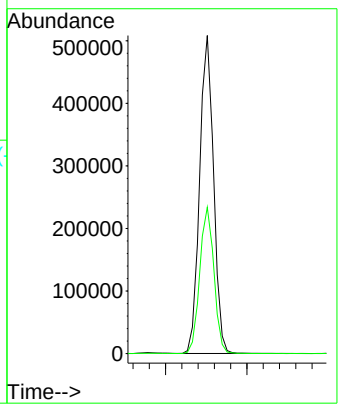
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

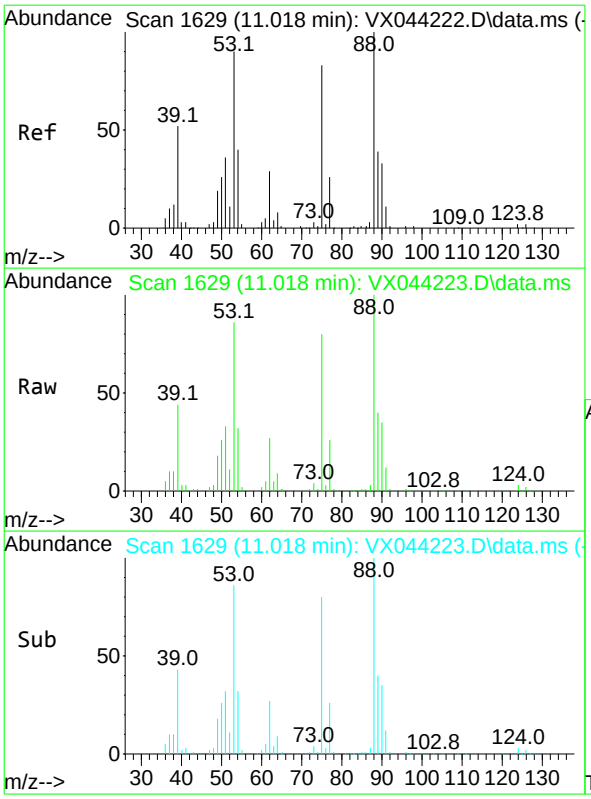


#80
1,3,5-Trimethylbenzene
Concen: 97.570 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:105 Resp: 604993

Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.8	71.4

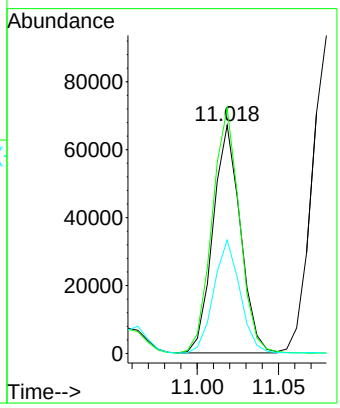




#81
trans-1,4-Dichloro-2-butene
Concen: 97.165 ug/l
RT: 11.018 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 75 Resp: 78453

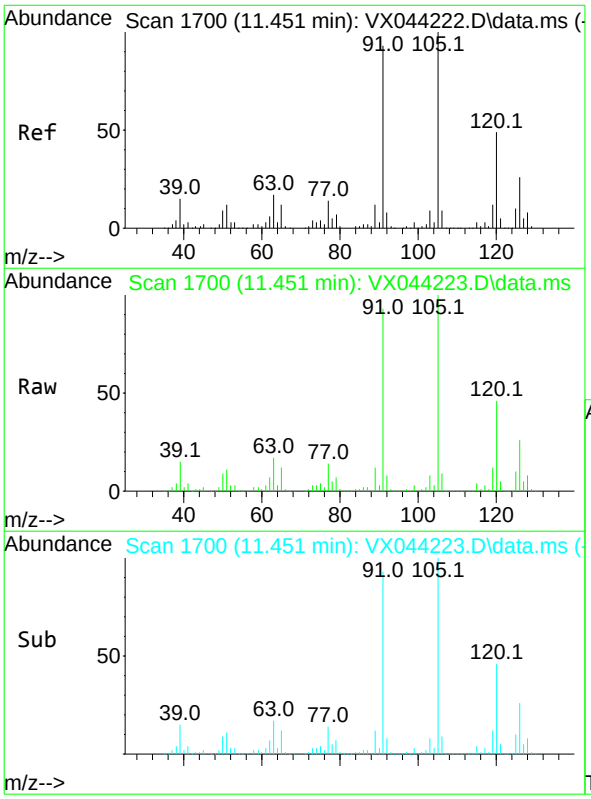
Ion	Ratio	Lower	Upper
75	100		
53	107.9	93.6	140.4
89	47.8	37.3	55.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

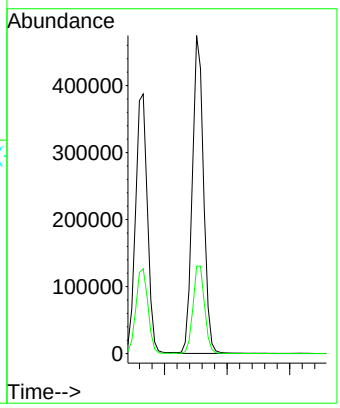
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

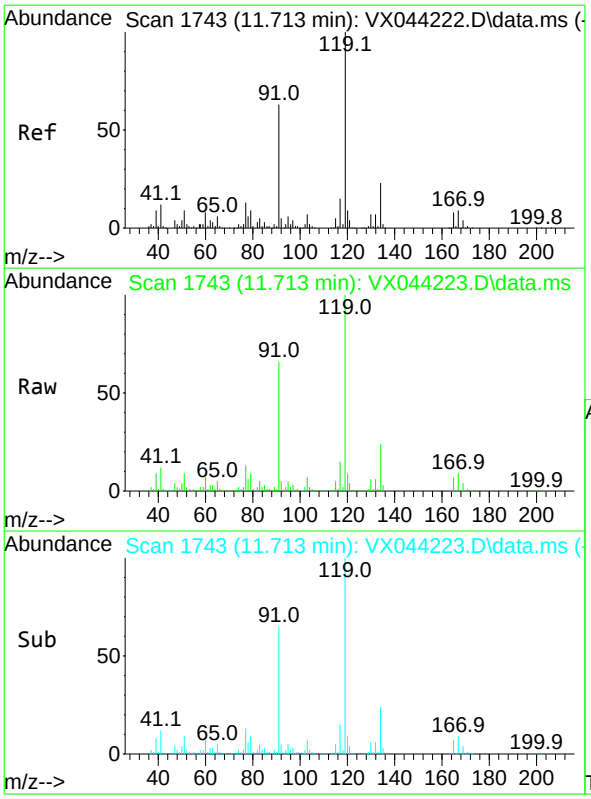


#82
4-Chlorotoluene
Concen: 99.384 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 91 Resp: 588197

Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.5	43.5

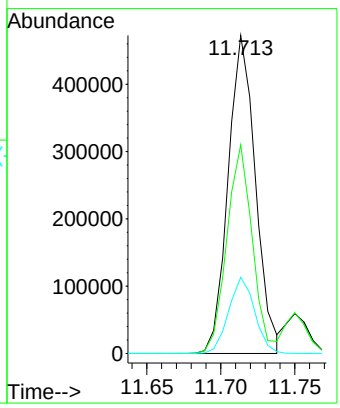




#83
tert-Butylbenzene
Concen: 99.013 ug/l
RT: 11.713 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:119 Resp: 606738

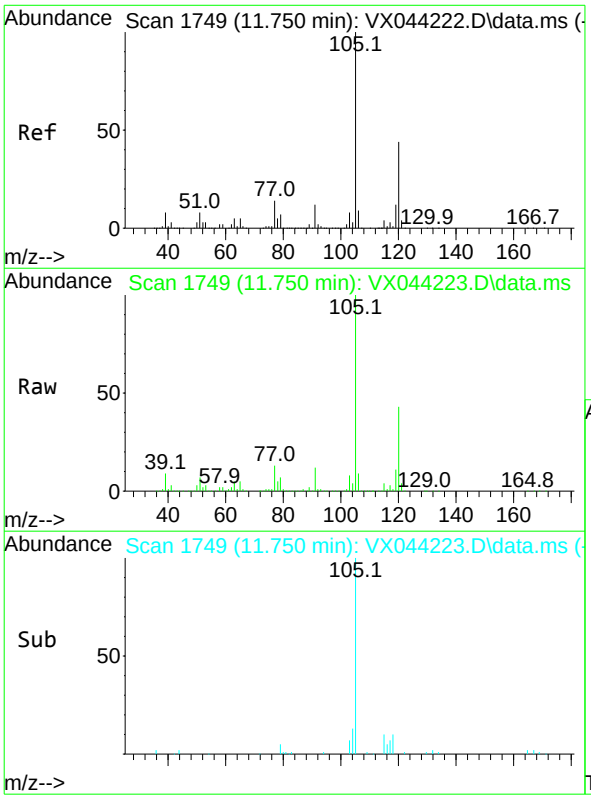
Ion	Ratio	Lower	Upper
119	100		
91	61.5	30.9	92.5
134	22.8	11.5	34.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

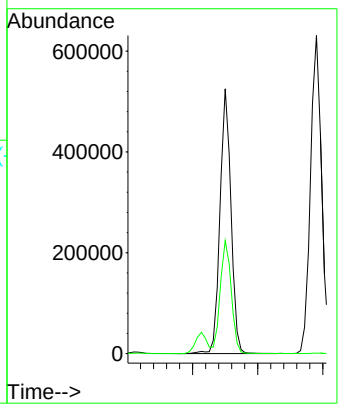
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

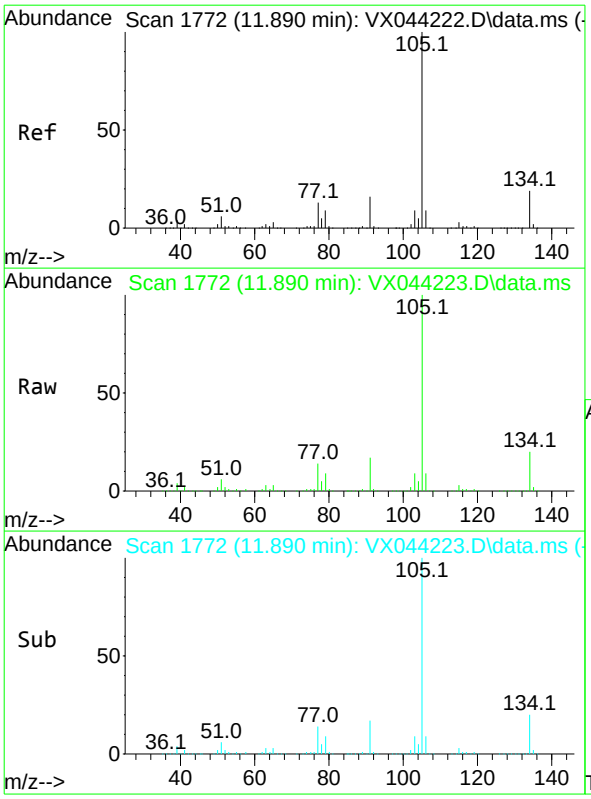


#84
1,2,4-Trimethylbenzene
Concen: 100.994 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:105 Resp: 614999

Ion	Ratio	Lower	Upper
105	100		
120	43.3	21.7	65.1

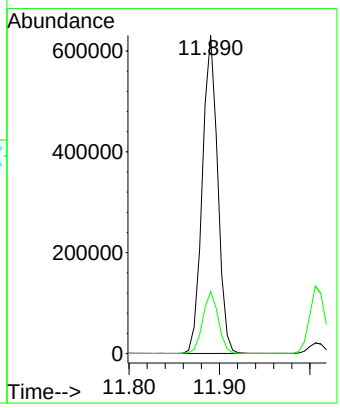




#85
sec-Butylbenzene
Concen: 99.889 ug/l
RT: 11.890 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:105 Resp: 743098

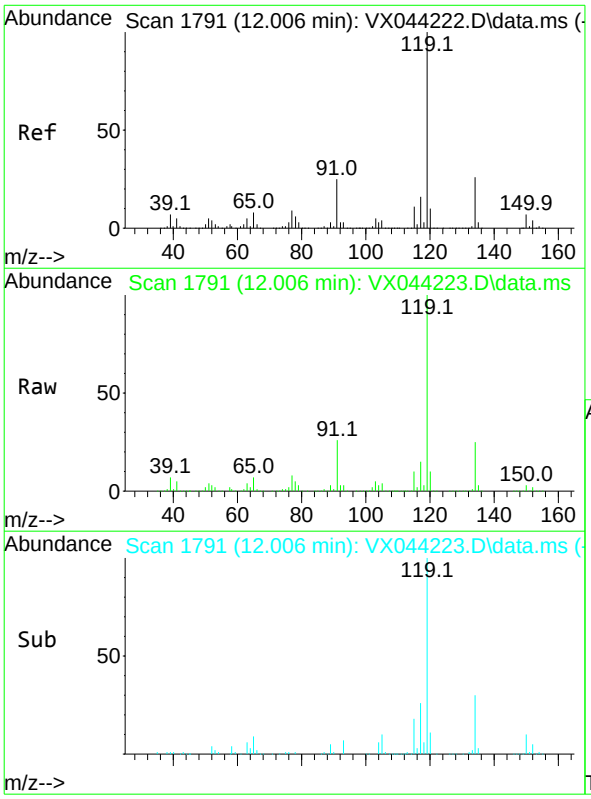
Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

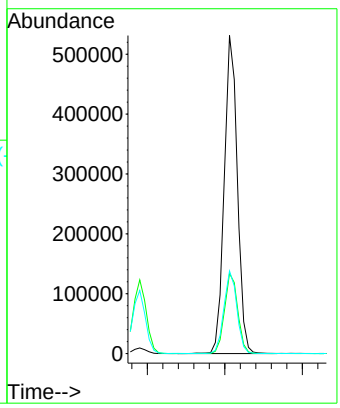
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

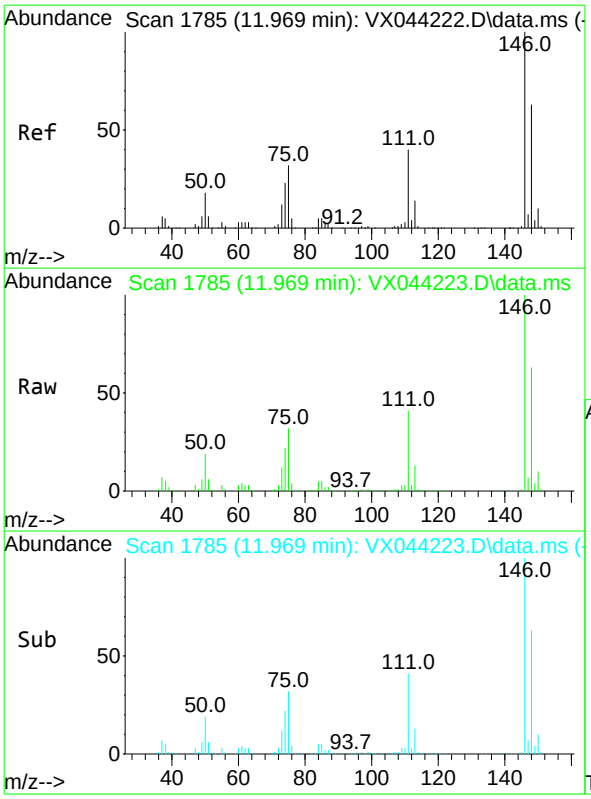


#86
p-Isopropyltoluene
Concen: 100.847 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:119 Resp: 624416

Ion	Ratio	Lower	Upper
119	100		
134	25.4	12.8	38.4
91	25.6	13.0	39.0

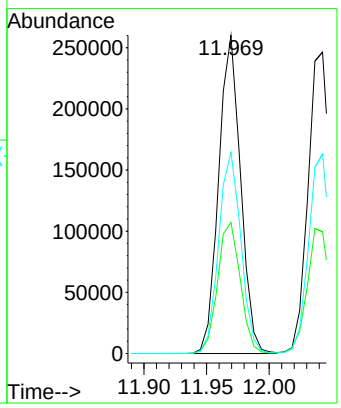




#87
1,3-Dichlorobenzene
Concen: 100.210 ug/l
RT: 11.969 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:146 Resp: 317377

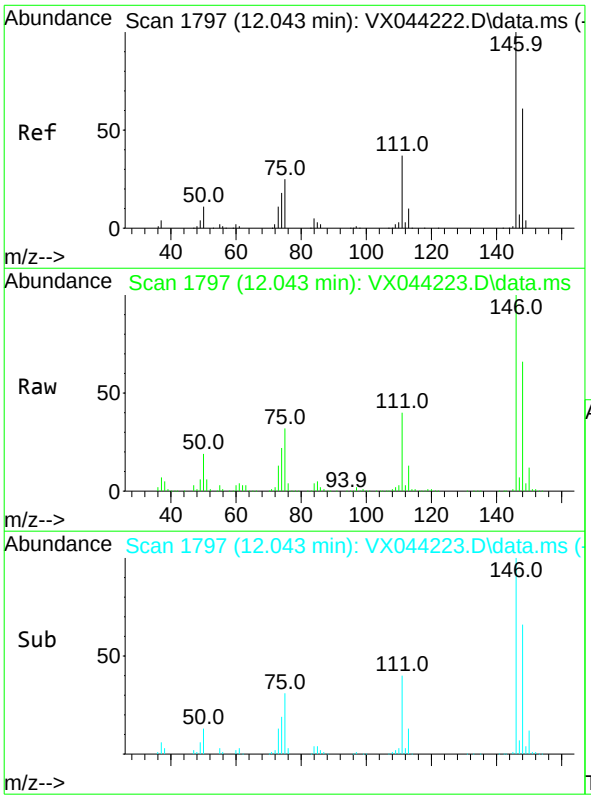
Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.4	64.2
148	64.1	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

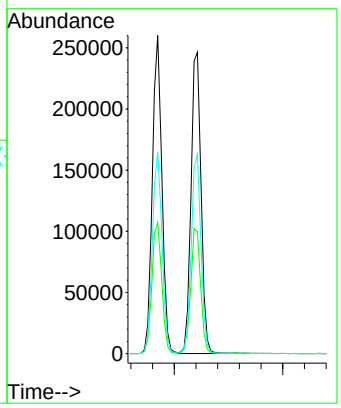
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

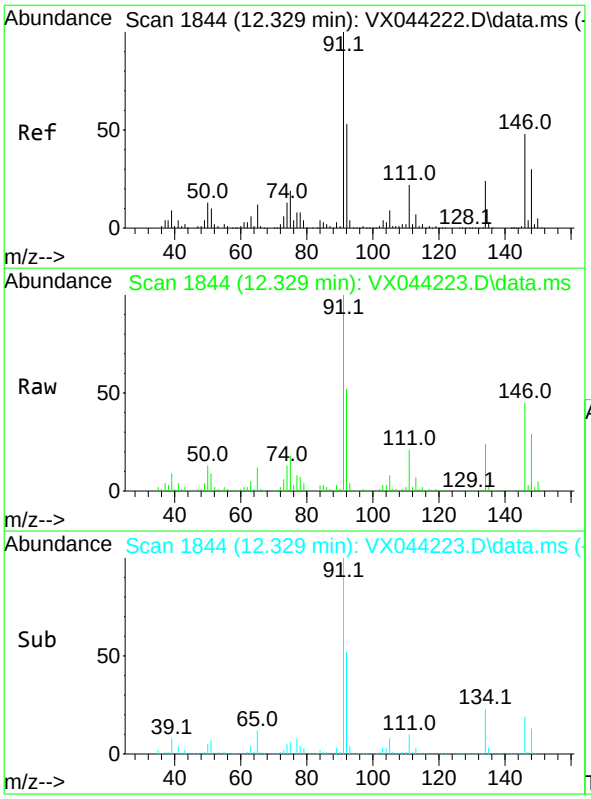


#88
1,4-Dichlorobenzene
Concen: 97.271 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:146 Resp: 316688

Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.0	63.0
148	63.7	32.3	96.8

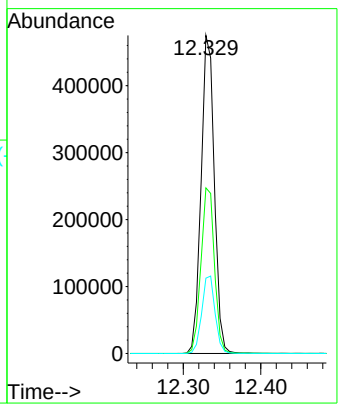




#89
n-Butylbenzene
Concen: 108.385 ug/l
RT: 12.329 min Scan# 18
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 91 Resp: 564303

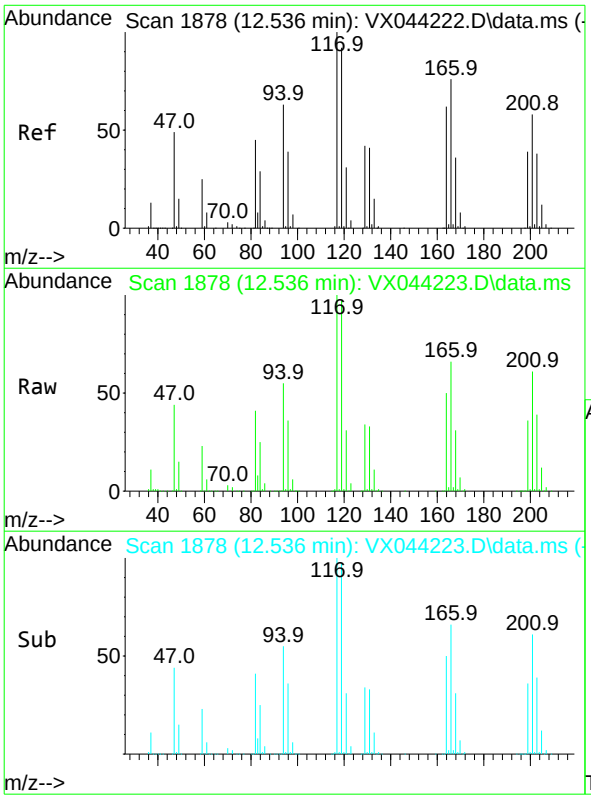
Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.6	79.7
134	24.5	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

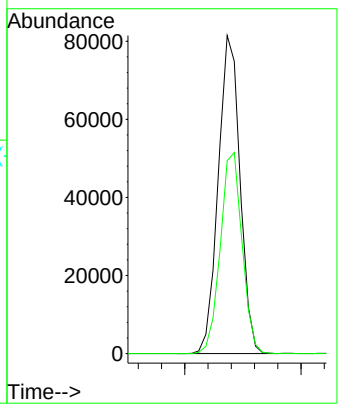
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

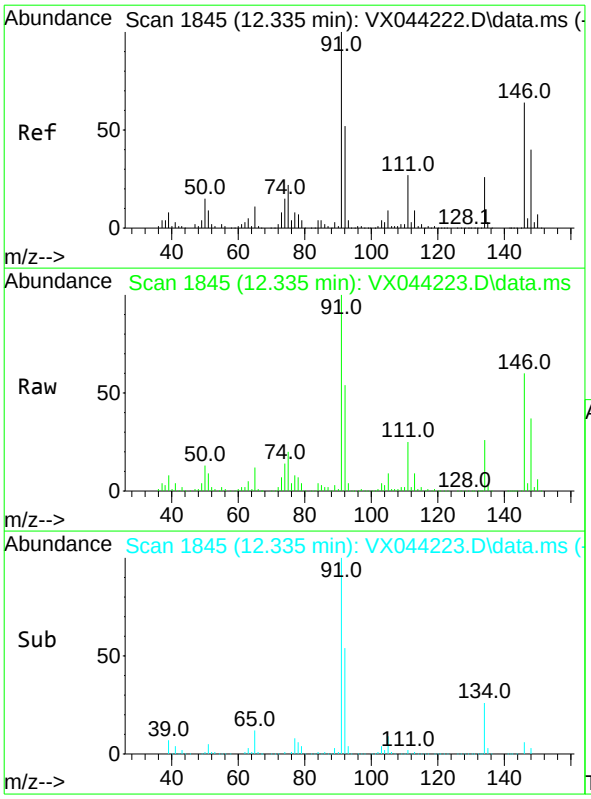


#90
Hexachloroethane
Concen: 117.218 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:117 Resp: 105946

Ion	Ratio	Lower	Upper
117	100		
201	63.2	31.4	94.2

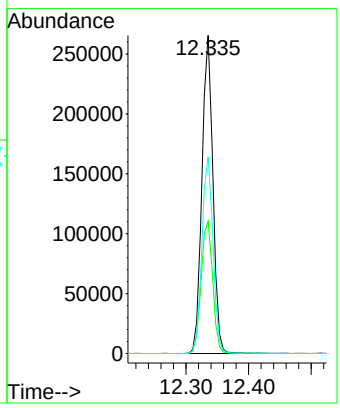




#91
1,2-Dichlorobenzene
Concen: 98.232 ug/l
RT: 12.335 min Scan# 18
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:146 Resp: 323040

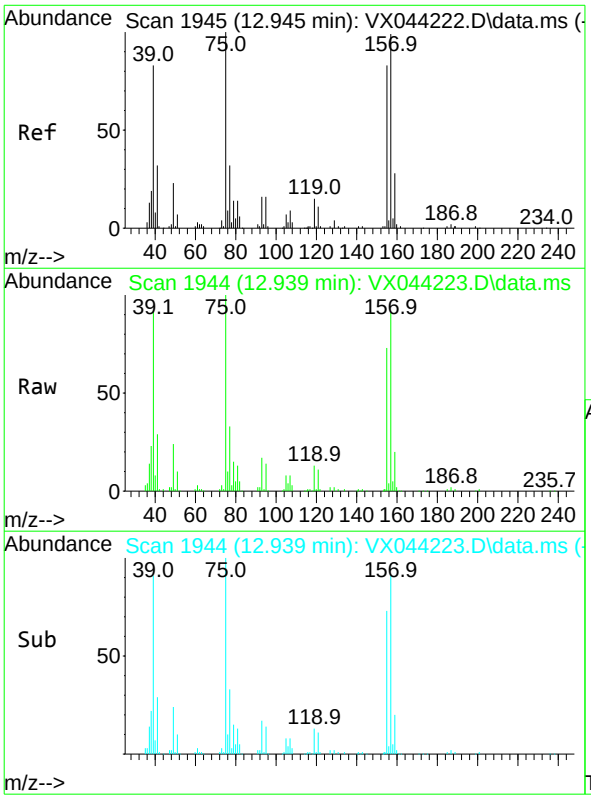
Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.4	64.3
148	62.6	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

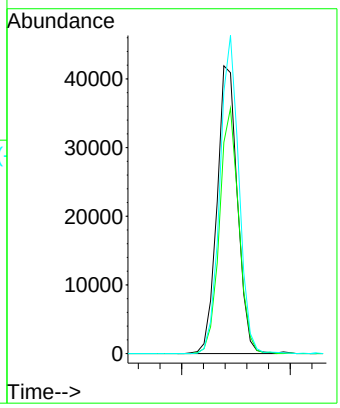
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

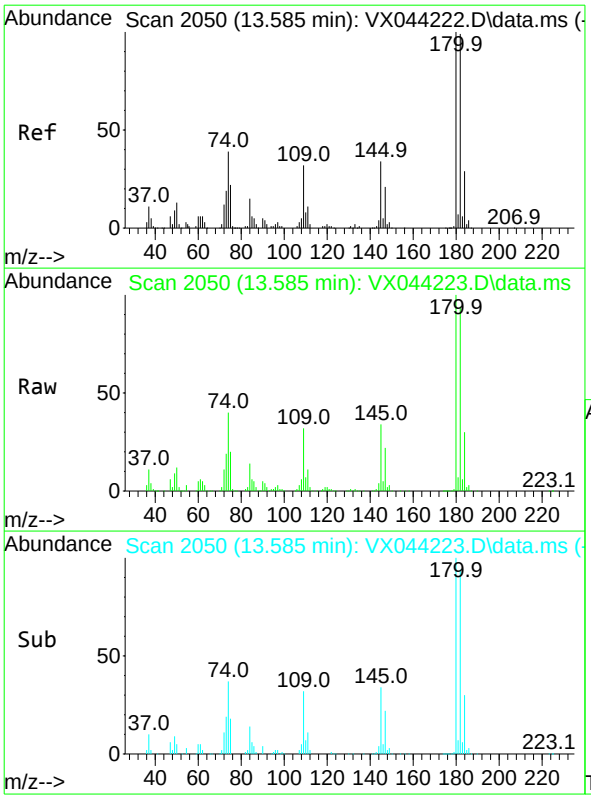


#92
1,2-Dibromo-3-Chloropropane
Concen: 108.279 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 75 Resp: 54588

Ion	Ratio	Lower	Upper
75	100		
155	80.6	38.1	114.3
157	102.8	47.2	141.6

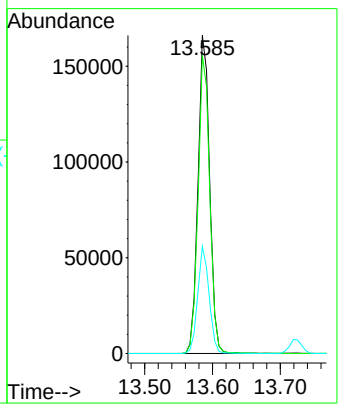




#93
1,2,4-Trichlorobenzene
Concen: 109.766 ug/l
RT: 13.585 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:180 Resp: 197899

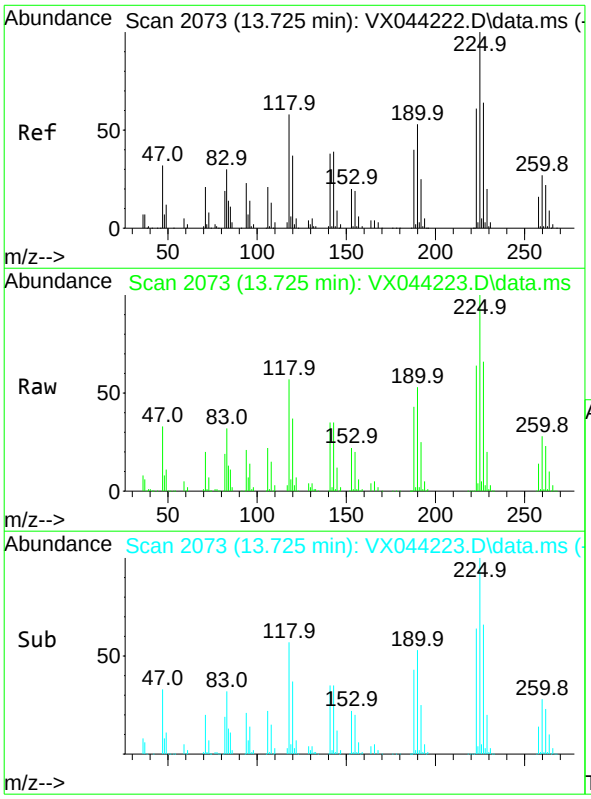
Ion	Ratio	Lower	Upper
180	100		
182	93.5	48.0	144.2
145	32.9	16.6	49.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

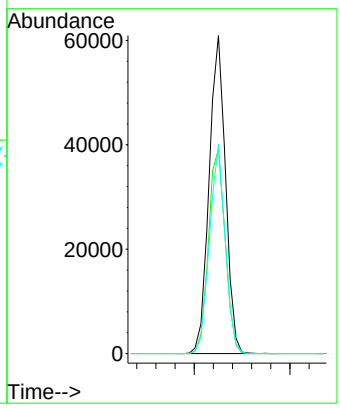
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

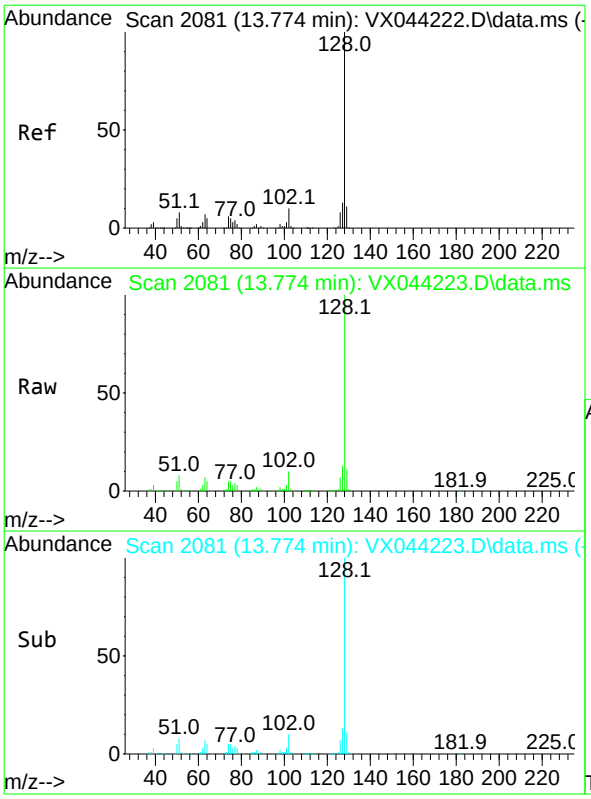


#94
Hexachlorobutadiene
Concen: 99.908 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:225 Resp: 72453

Ion	Ratio	Lower	Upper
225	100		
223	65.5	30.8	92.4
227	62.9	32.1	96.3

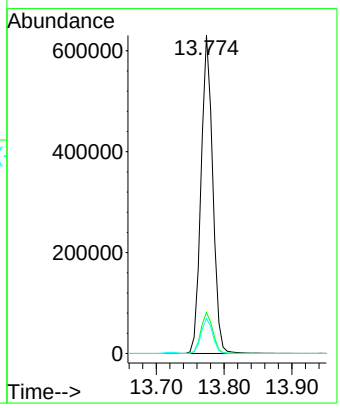




#95
Naphthalene
Concen: 107.308 ug/l
RT: 13.774 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:128 Resp: 755181

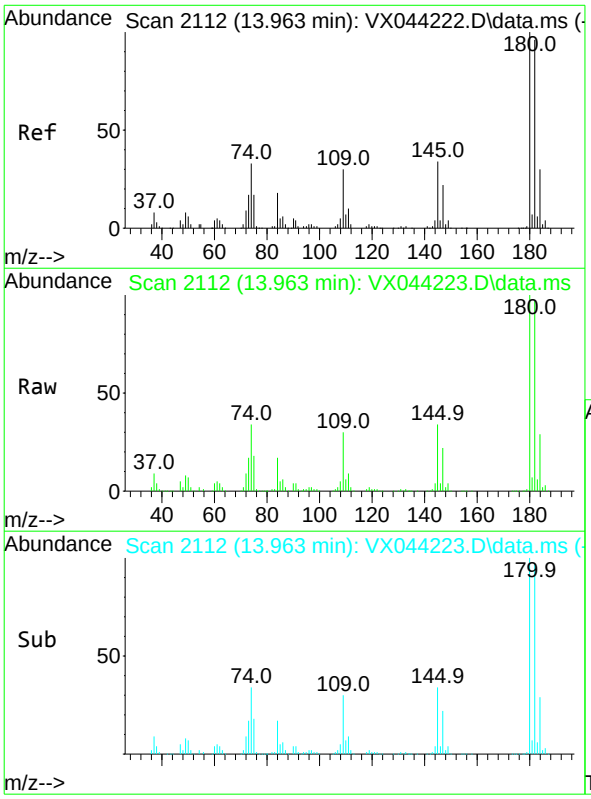
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.9	9.0	13.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

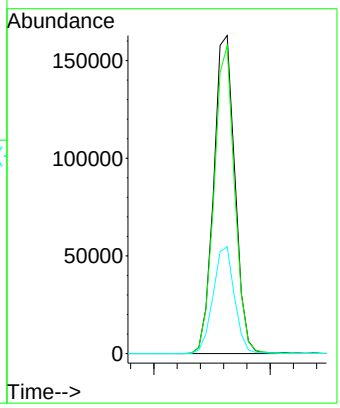
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#96
1,2,3-Trichlorobenzene
Concen: 107.754 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:180 Resp: 206053

Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.0	144.0
145	34.1	17.7	53.1



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044224.D
Acq On : 11 Dec 2024 13:00
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 12 04:16:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	117957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	218610	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90898	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	314272	151.956	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 303.920%#			
35) Dibromofluoromethane	5.385	113	231937	153.188	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 306.380%#			
50) Toluene-d8	8.647	98	788876	154.438	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 308.880%#			
62) 4-Bromofluorobenzene	11.079	95	279706	156.709	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 313.420%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	268739	147.342	ug/l	98
3) Chloromethane	1.294	50	261734	150.062	ug/l	97
4) Vinyl Chloride	1.374	62	260651	143.446	ug/l	97
5) Bromomethane	1.593	94	194089	150.562	ug/l	100
6) Chloroethane	1.660	64	150640	133.137	ug/l	98
7) Trichlorofluoromethane	1.861	101	500315	140.645	ug/l	99
8) Diethyl Ether	2.136	74	183845	151.407	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.312	101	219513	152.497	ug/l	99
10) Methyl Iodide	2.441	142	284184	149.795	ug/l	99
11) Tert butyl alcohol	3.014	59	266830	916.880	ug/l	98
12) 1,1-Dichloroethene	2.306	96	211016	159.600	ug/l	96
13) Acrolein	2.239	56	341487	809.350	ug/l	100
14) Allyl chloride	2.654	41	346773	157.465	ug/l	99
15) Acrylonitrile	3.068	53	649783	804.774	ug/l	99
16) Acetone	2.392	43	658120	780.537	ug/l	98
17) Carbon Disulfide	2.495	76	481926	191.754	ug/l	99
18) Methyl Acetate	2.709	43	336516	154.792	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	806360	156.286	ug/l	98
20) Methylene Chloride	2.782	84	236412	149.282	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	221622	157.719	ug/l	99
22) Diisopropyl ether	3.763	45	751292	151.500	ug/l	98
23) Vinyl Acetate	3.727	43	3464902	859.417	ug/l	99
24) 1,1-Dichloroethane	3.605	63	431006	155.921	ug/l	100
25) 2-Butanone	4.568	43	957709	798.973	ug/l	99
26) 2,2-Dichloropropane	4.465	77	367781	163.773	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	269708	151.131	ug/l	99
28) Bromochloromethane	4.897	49	200978	148.269	ug/l	100
29) Tetrahydrofuran	5.013	42	602095	782.561	ug/l	99
30) Chloroform	5.092	83	463606	149.274	ug/l	99
31) Cyclohexane	5.458	56	332026	148.745	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	415253	161.073	ug/l	99
36) 1,1-Dichloropropene	5.684	75	290913	148.642	ug/l	99
37) Ethyl Acetate	4.721	43	376757	155.731	ug/l	99
38) Carbon Tetrachloride	5.672	117	346795	164.587	ug/l	98
39) Methylcyclohexane	7.373	83	368542	157.516	ug/l	99
40) Benzene	6.031	78	887413	149.340	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044224.D
Acq On : 11 Dec 2024 13:00
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 12 04:16:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.928	41	199851	155.569 ug/l		99
42) 1,2-Dichloroethane	6.086	62	369874	151.105 ug/l		100
43) Isopropyl Acetate	6.342	43	617107	163.200 ug/l		99
44) Trichloroethene	7.123	130	224164	151.275 ug/l		100
45) 1,2-Dichloropropane	7.427	63	224224	147.697 ug/l		96
46) Dibromomethane	7.580	93	184590	156.728 ug/l		99
47) Bromodichloromethane	7.818	83	352904	173.496 ug/l		98
48) Methyl methacrylate	7.696	41	292890	159.567 ug/l		98
49) 1,4-Dioxane	7.665	88	101048m	3221.248 ug/l		
51) 4-Methyl-2-Pentanone	8.580	43	1907523	784.573 ug/l		99
52) Toluene	8.714	92	557102	149.294 ug/l		99
53) t-1,3-Dichloropropene	8.976	75	366275	150.167 ug/l		95
54) cis-1,3-Dichloropropene	8.366	75	382226	172.581 ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	222665	150.202 ug/l		98
56) Ethyl methacrylate	9.116	69	389165	166.289 ug/l		99
57) 1,3-Dichloropropane	9.305	76	387086	150.014 ug/l		98
58) 2-Chloroethyl Vinyl ether	8.244	63	970949	822.575 ug/l		100
59) 2-Hexanone	9.433	43	1436300	816.161 ug/l		99
60) Dibromochloromethane	9.525	129	261253	150.105 ug/l		99
61) 1,2-Dibromoethane	9.610	107	242451	160.674 ug/l		97
64) Tetrachloroethene	9.269	164	186443	147.836 ug/l		98
65) Chlorobenzene	10.079	112	608404	149.428 ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	218515	166.991 ug/l		100
67) Ethyl Benzene	10.195	91	1068736	151.917 ug/l		98
68) m/p-Xylenes	10.299	106	806058	312.254 ug/l		98
69) o-Xylene	10.640	106	397084	152.030 ug/l		98
70) Styrene	10.652	104	670887	160.228 ug/l		98
71) Bromoform	10.799	173	169450	150.034 ug/l	#	99
73) Isopropylbenzene	10.963	105	1021749	146.832 ug/l		99
74) N-amyl acetate	10.841	43	536496	166.823 ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	352591	145.883 ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	287602m	139.434 ug/l		
77) Bromobenzene	11.201	156	243975	144.584 ug/l		100
78) n-propylbenzene	11.305	91	1166255	151.637 ug/l		98
79) 2-Chlorotoluene	11.366	91	700673	140.866 ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	853042	147.824 ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	117263	152.670 ug/l		93
82) 4-Chlorotoluene	11.451	91	825278	149.831 ug/l		99
83) tert-Butylbenzene	11.713	119	846864	148.495 ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	846771	149.414 ug/l		100
85) sec-Butylbenzene	11.890	105	1034419	149.409 ug/l		99
86) p-Isopropyltoluene	12.006	119	875562	151.944 ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	443826	150.575 ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	442556	146.058 ug/l		99
89) n-Butylbenzene	12.329	91	808399	166.836 ug/l		100
90) Hexachloroethane	12.536	117	154726	183.942 ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	447931	146.357 ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	83565	178.106 ug/l		93
93) 1,2,4-Trichlorobenzene	13.585	180	288519	171.952 ug/l		98
94) Hexachlorobutadiene	13.725	225	103961	154.036 ug/l		98
95) Naphthalene	13.774	128	1094997	167.187 ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	293760	165.064 ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044224.D
Acq On : 11 Dec 2024 13:00
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 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

Quant Time: Dec 12 04:16:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

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

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

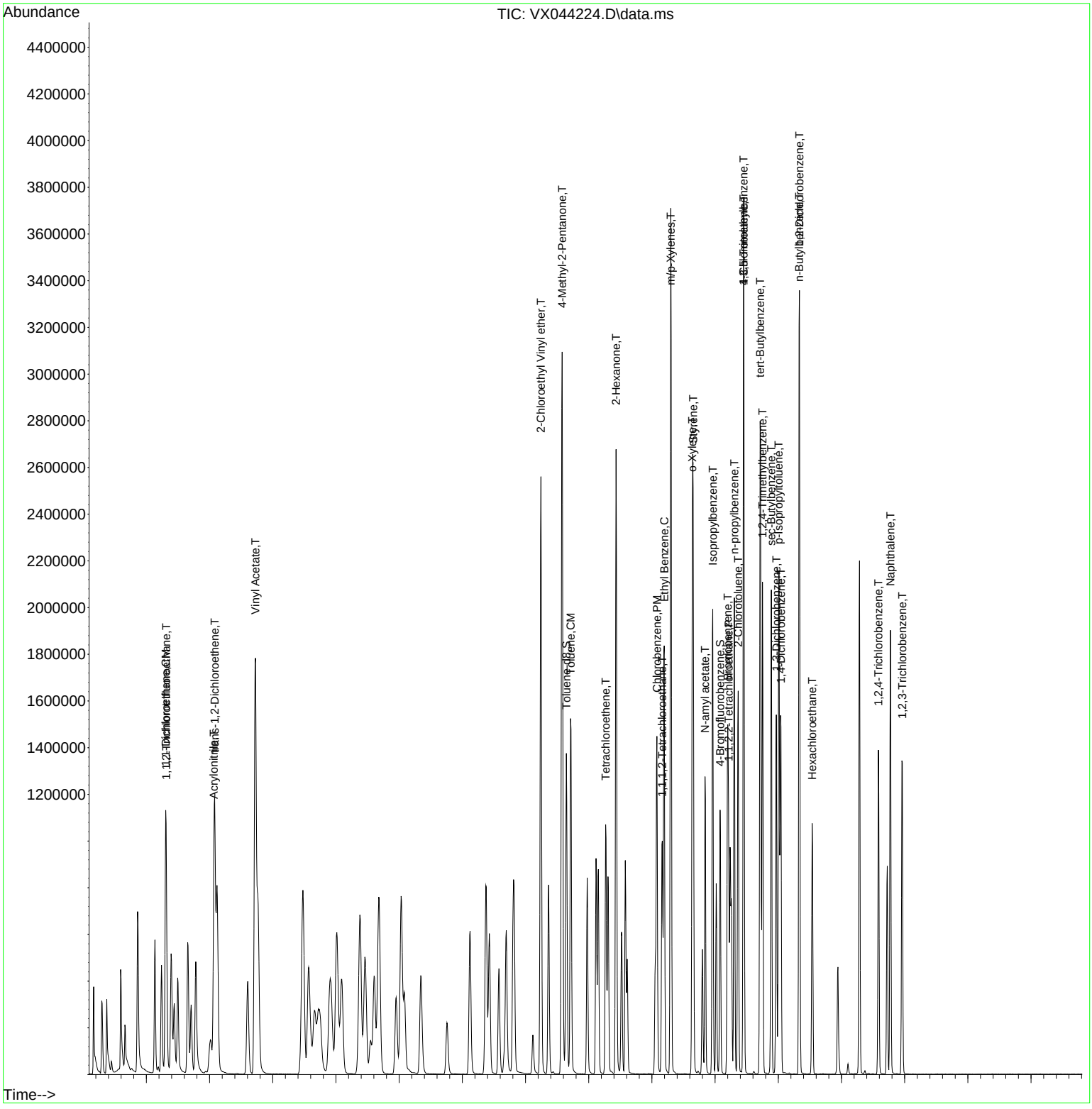
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Data File : VX044224.D
Acq On : 11 Dec 2024 13:00
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

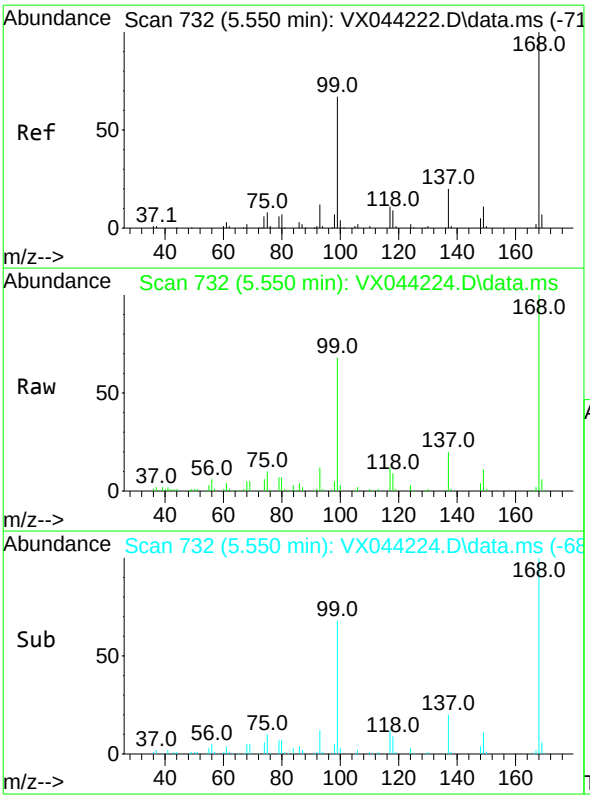
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

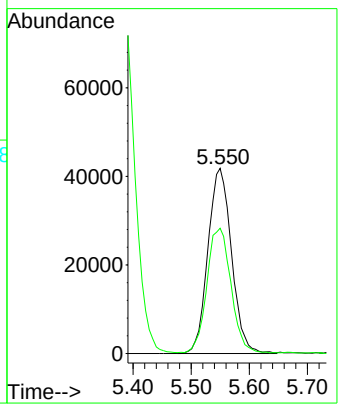




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 73
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:168 Resp: 117957

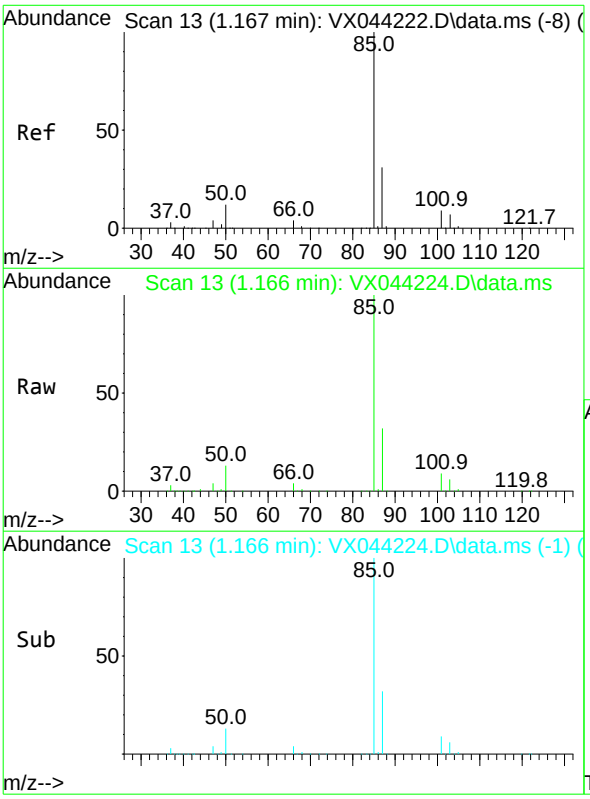
Ion	Ratio	Lower	Upper
168	100		
99	67.2	53.4	80.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

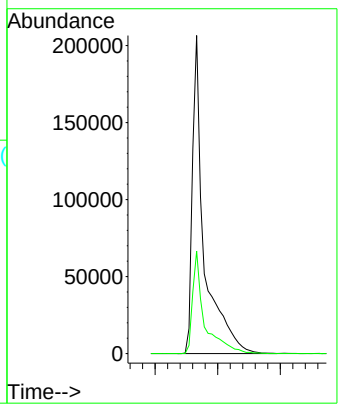
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

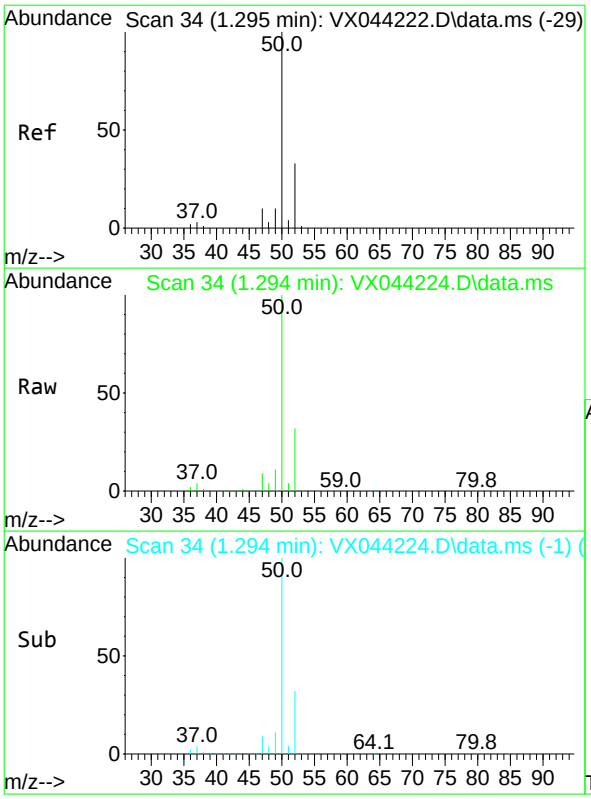


#2
Dichlorodifluoromethane
Concen: 147.342 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 85 Resp: 268739

Ion	Ratio	Lower	Upper
85	100		
87	32.2	15.4	46.4

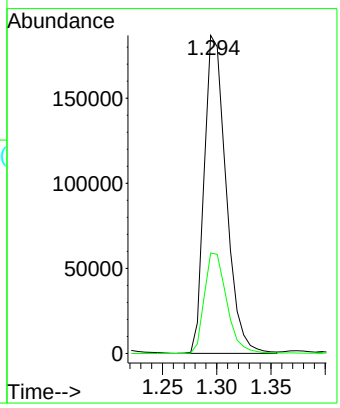




#3
Chloromethane
Concen: 150.062 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 50 Resp: 261734

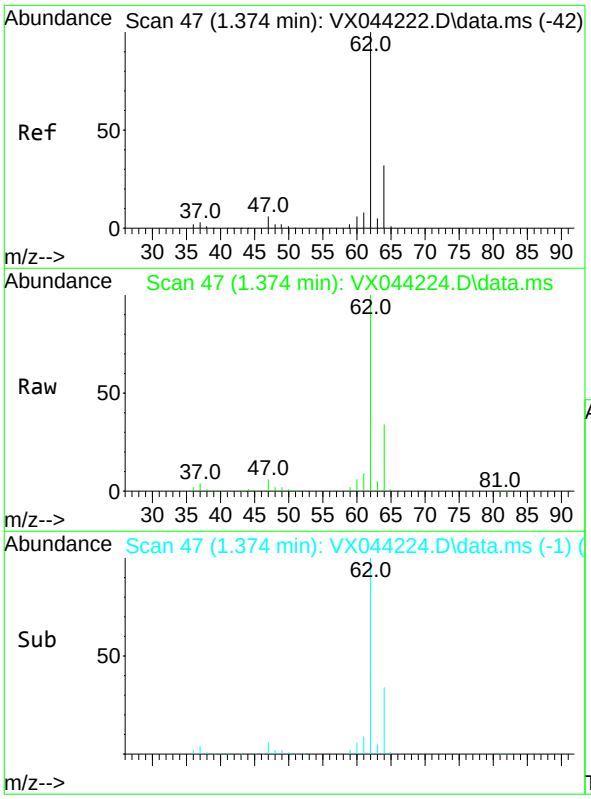
Ion	Ratio	Lower	Upper
50	100		
52	31.6	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

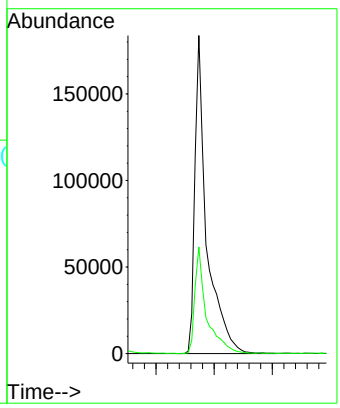
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

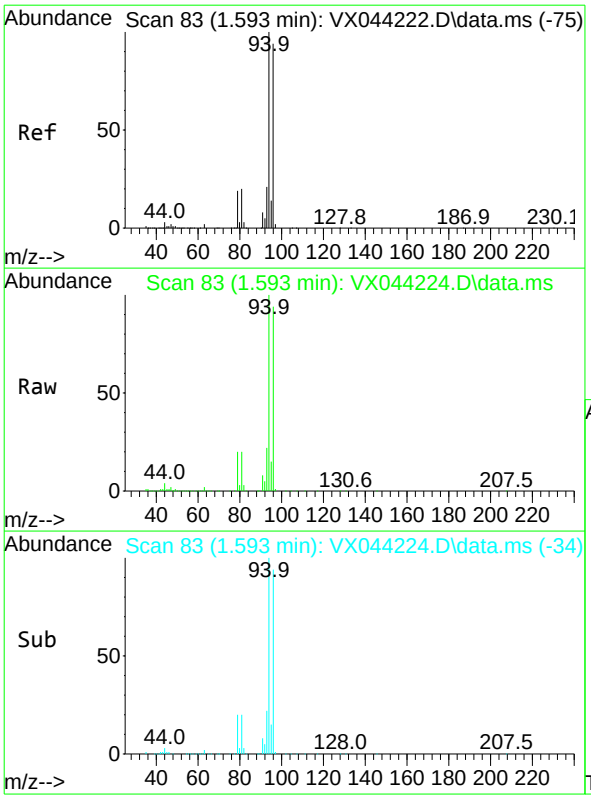


#4
Vinyl Chloride
Concen: 143.446 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 62 Resp: 260651

Ion	Ratio	Lower	Upper
62	100		
64	33.5	25.7	38.5

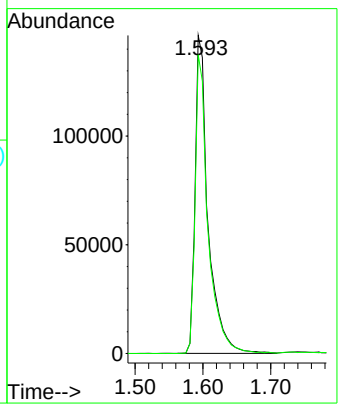




#5
Bromomethane
Concen: 150.562 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 94 Resp: 194089

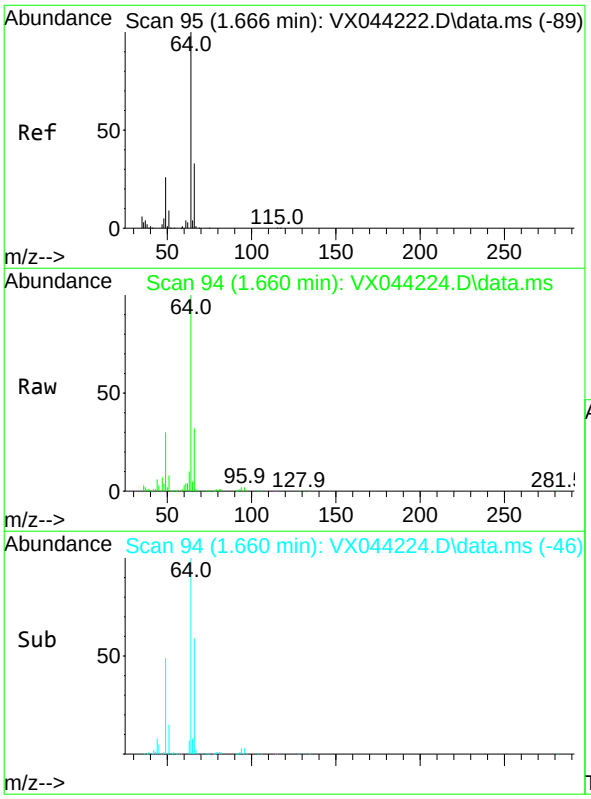
Ion	Ratio	Lower	Upper
94	100		
96	94.0	74.9	112.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

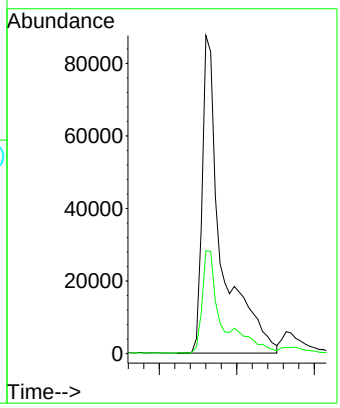
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

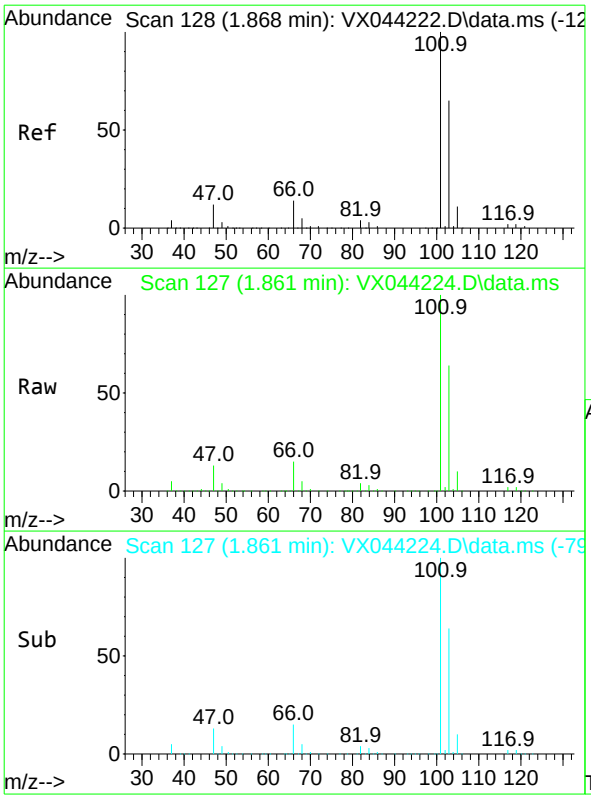


#6
Chloroethane
Concen: 133.137 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 64 Resp: 150640

Ion	Ratio	Lower	Upper
64	100		
66	32.1	26.6	39.8

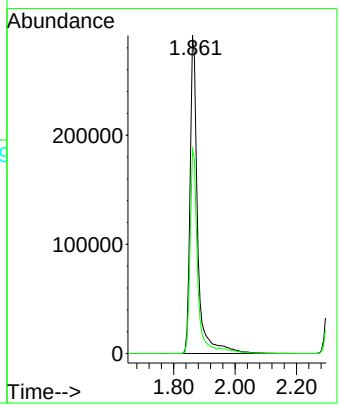




#7
Trichlorofluoromethane
Concen: 140.645 ug/l
RT: 1.861 min Scan# 12
Delta R.T. -0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:101 Resp: 500315

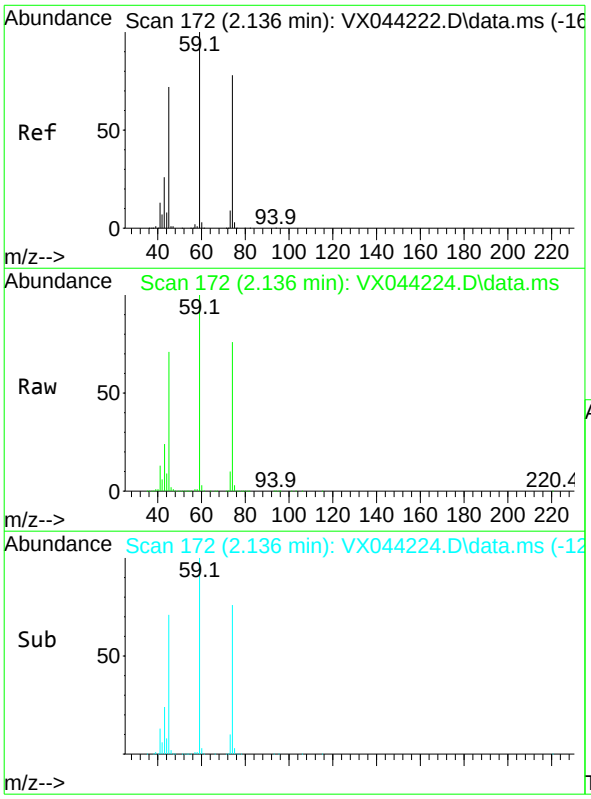
Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.8	77.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

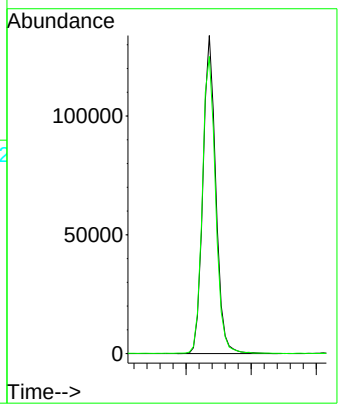
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

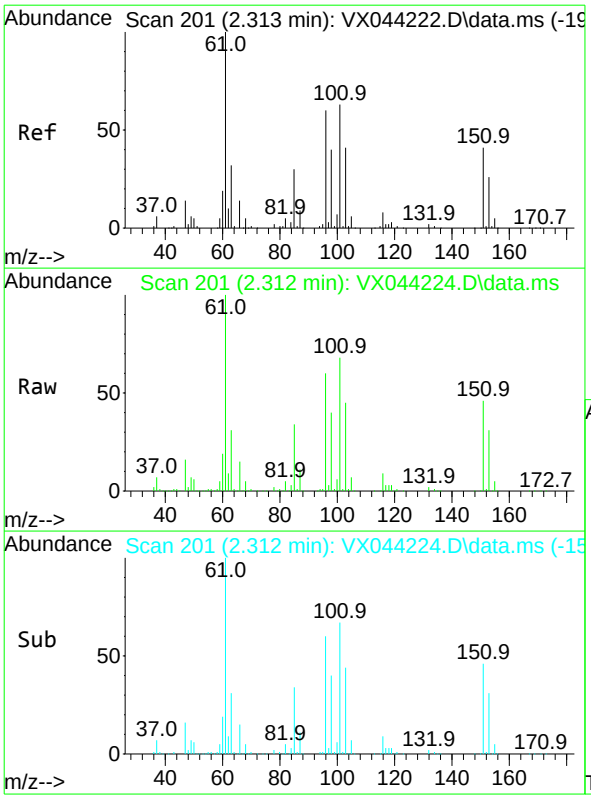


#8
Diethyl Ether
Concen: 151.407 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 74 Resp: 183845

Ion	Ratio	Lower	Upper
74	100		
45	96.6	48.4	145.0

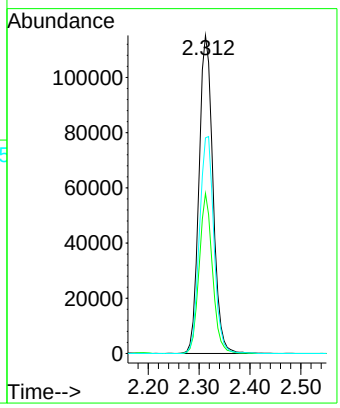




#9
1,1,2-Trichlorotrifluoroethane
Concen: 152.497 ug/l
RT: 2.312 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:101 Resp: 219513

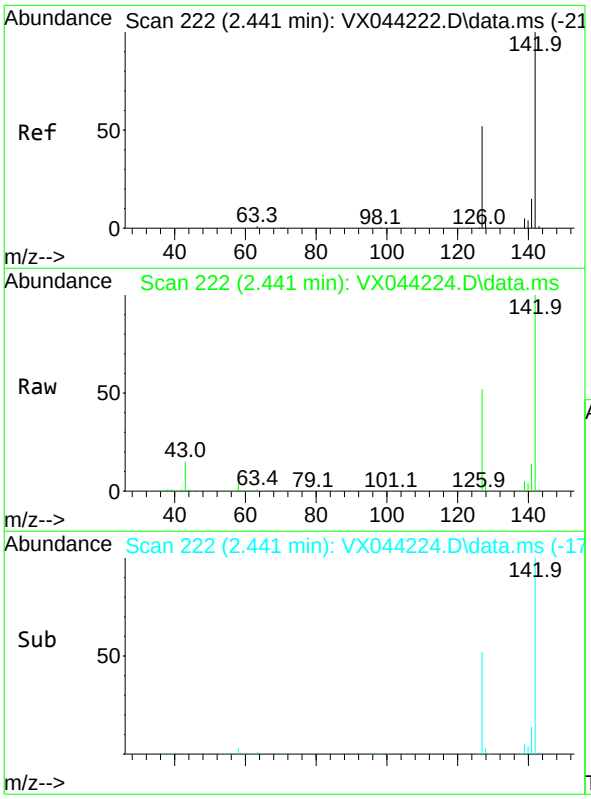
Ion	Ratio	Lower	Upper
101	100		
85	47.8	38.5	57.7
151	70.5	55.8	83.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

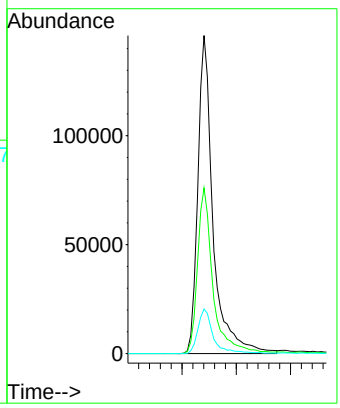
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

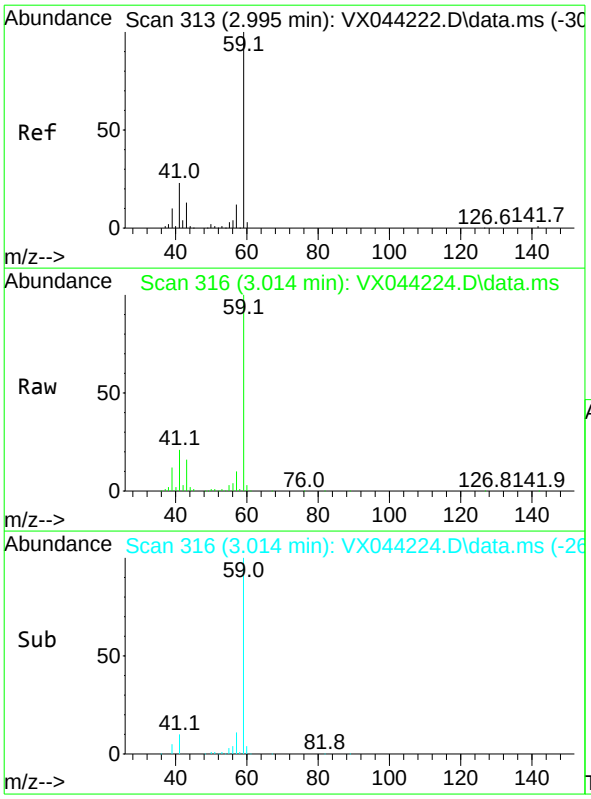


#10
Methyl Iodide
Concen: 149.795 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:142 Resp: 284184

Ion	Ratio	Lower	Upper
142	100		
127	52.8	41.8	62.8
141	14.2	11.5	17.3

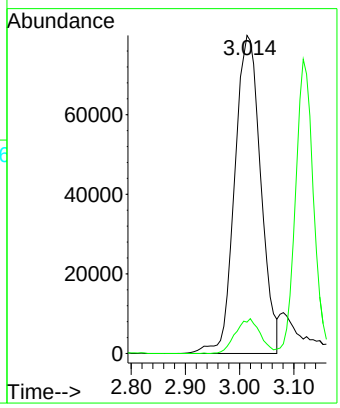




#11
Tert butyl alcohol
Concen: 916.880 ug/l
RT: 3.014 min Scan# 31
Delta R.T. 0.018 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 59 Resp: 266830

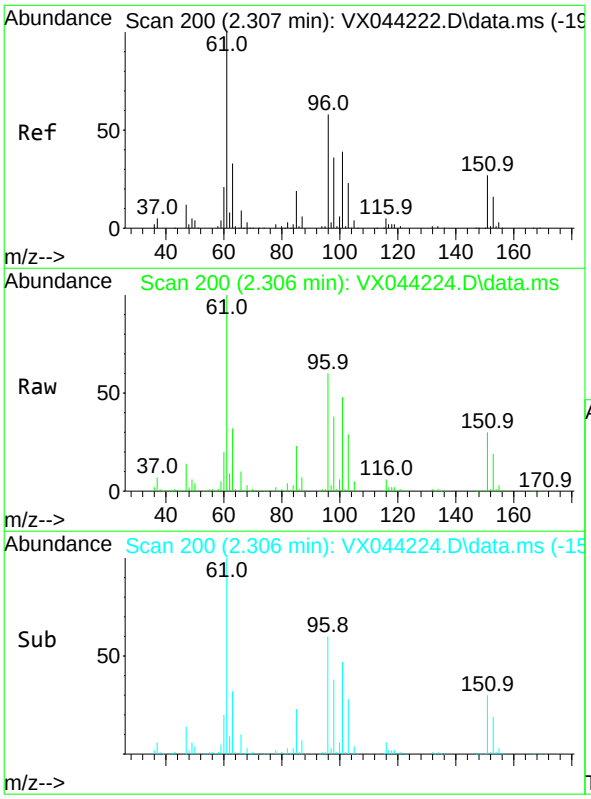
Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

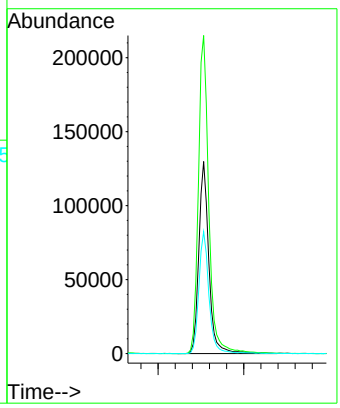
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

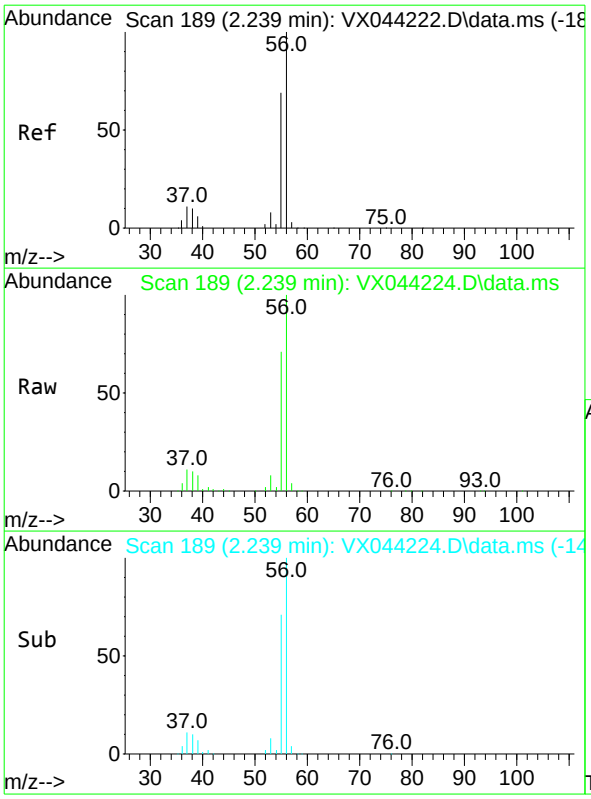


#12
1,1-Dichloroethene
Concen: 159.600 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 96 Resp: 211016

Ion	Ratio	Lower	Upper
96	100		
61	165.6	138.0	207.0
98	63.5	50.0	75.0

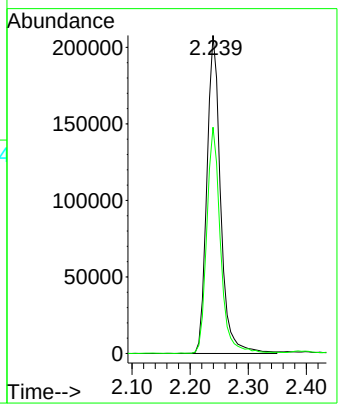




#13
Acrolein
Concen: 809.350 ug/l
RT: 2.239 min Scan# 18
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 56 Resp: 341487

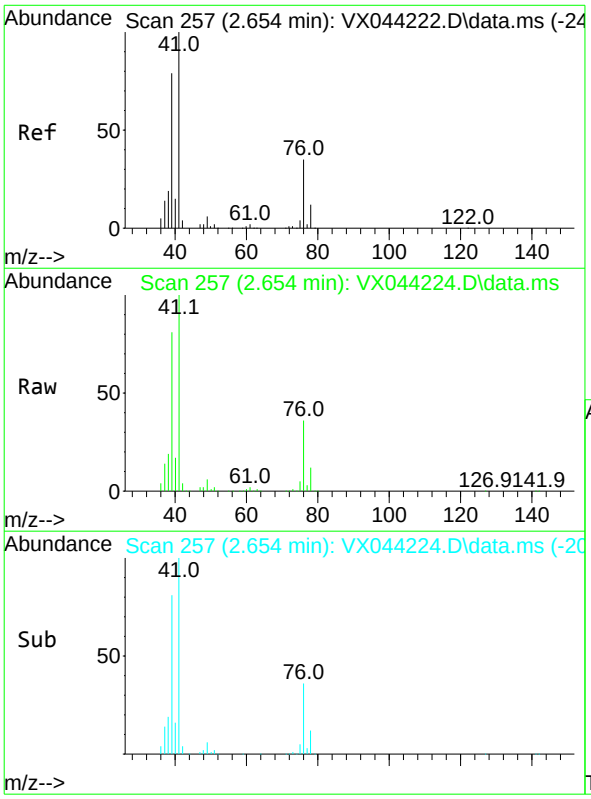
Ion	Ratio	Lower	Upper
56	100		
55	70.8	56.6	84.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

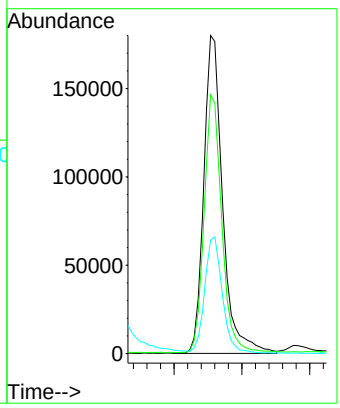
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

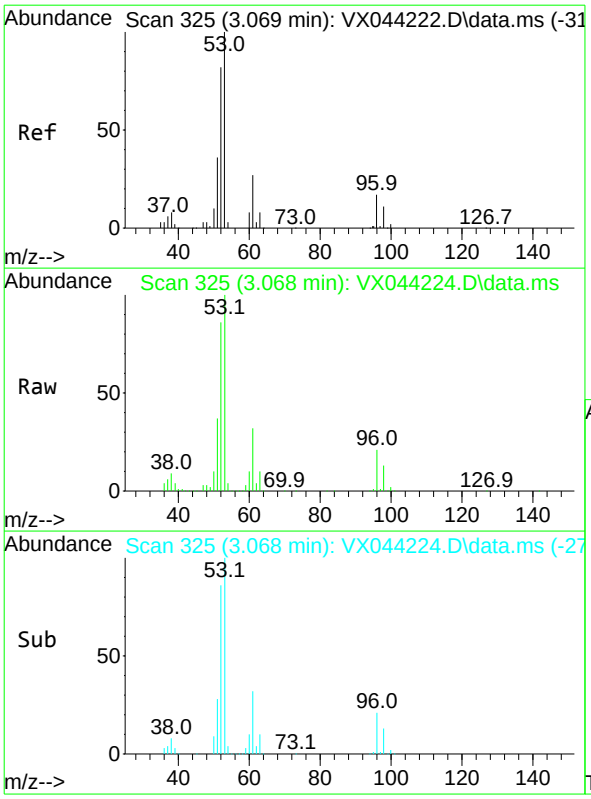


#14
Allyl chloride
Concen: 157.465 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 41 Resp: 346773

Ion	Ratio	Lower	Upper
41	100		
39	76.1	61.9	92.9
76	34.5	27.4	41.2

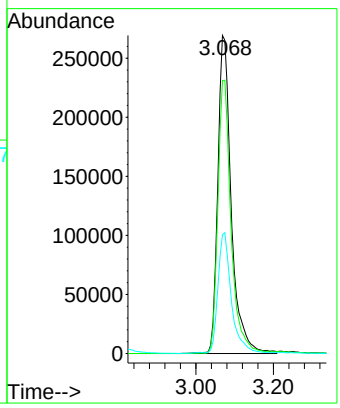




#15
Acrylonitrile
Concen: 804.774 ug/l
RT: 3.068 min Scan# 32
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 53 Resp: 649783

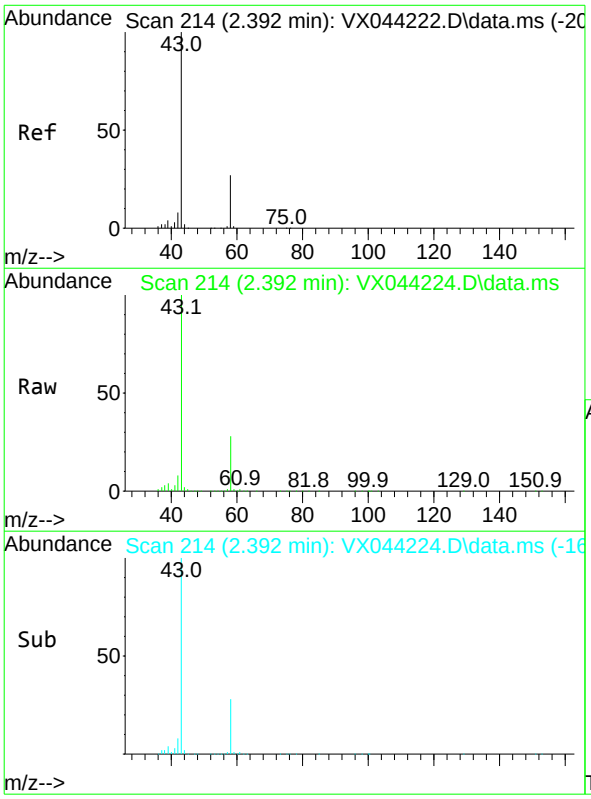
Ion	Ratio	Lower	Upper
53	100		
52	83.9	67.4	101.0
51	37.0	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

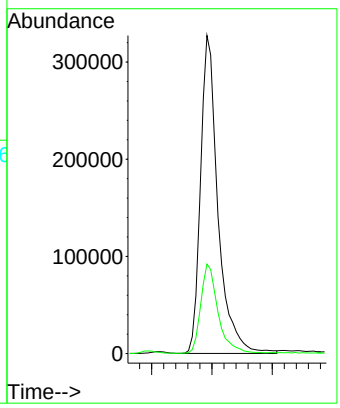
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

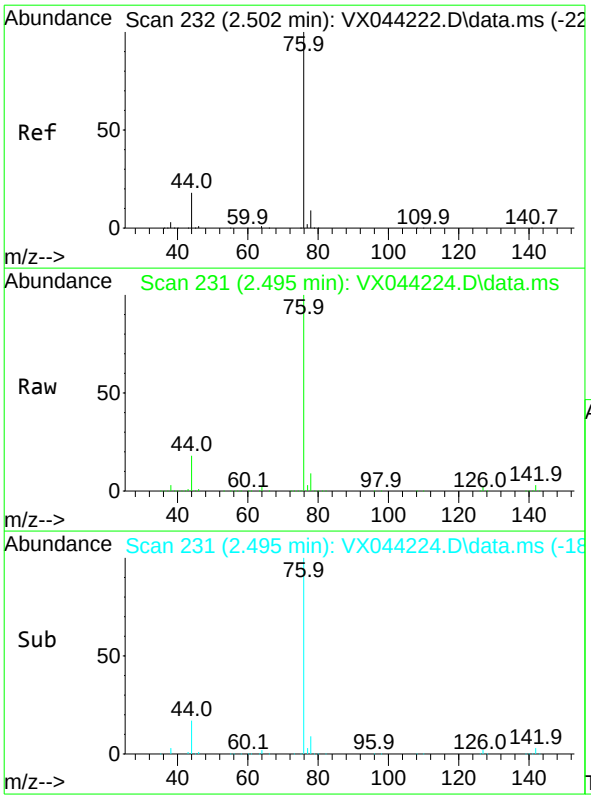


#16
Acetone
Concen: 780.537 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 43 Resp: 658120

Ion	Ratio	Lower	Upper
43	100		
58	28.1	21.6	32.4

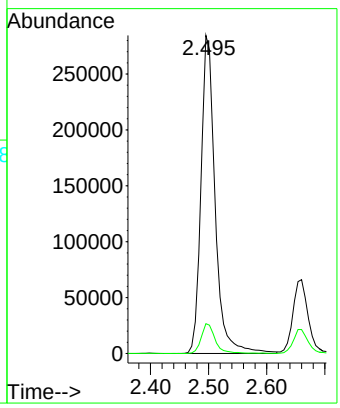




#17
Carbon Disulfide
Concen: 191.754 ug/l
RT: 2.495 min Scan# 23
Delta R.T. -0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 76 Resp: 481926

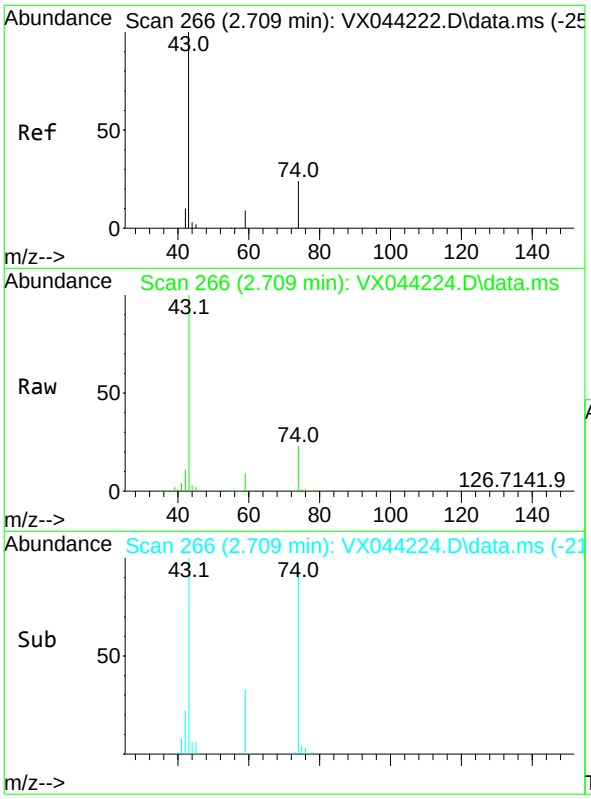
Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

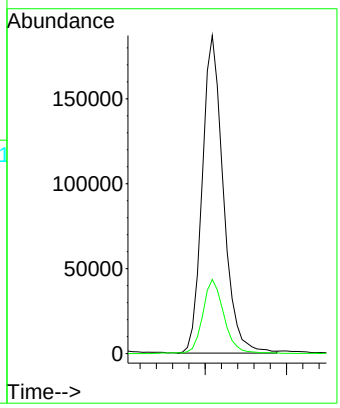
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

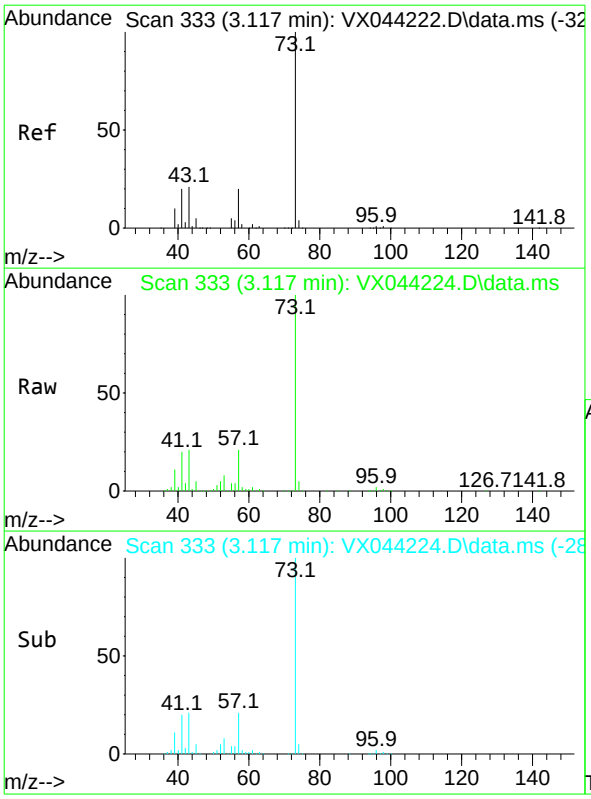


#18
Methyl Acetate
Concen: 154.792 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 43 Resp: 336516

Ion	Ratio	Lower	Upper
43	100		
74	23.7	17.7	26.5

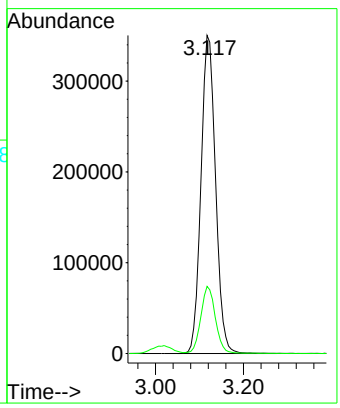




#19
Methyl tert-butyl Ether
Concen: 156.286 ug/l
RT: 3.117 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 73 Resp: 806360

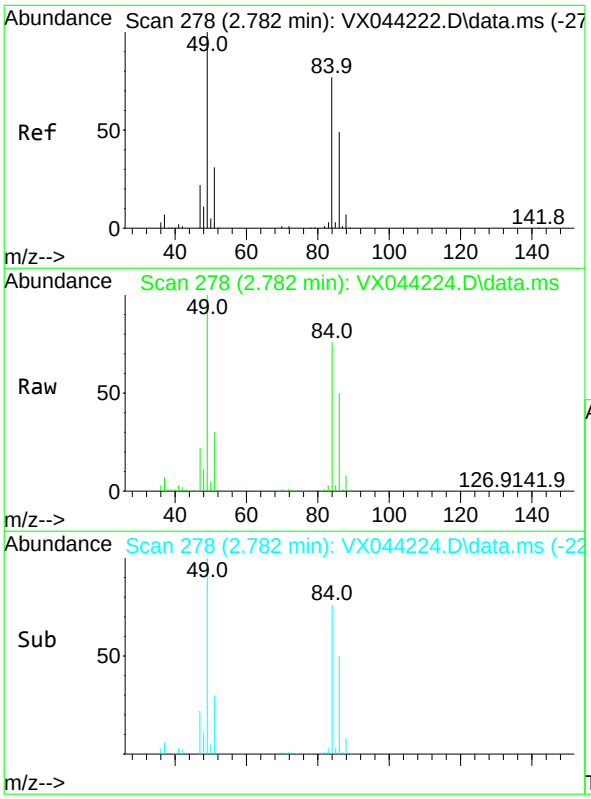
Ion	Ratio	Lower	Upper
73	100		
57	21.1	16.2	24.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

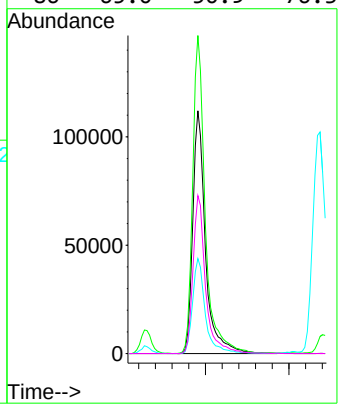
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

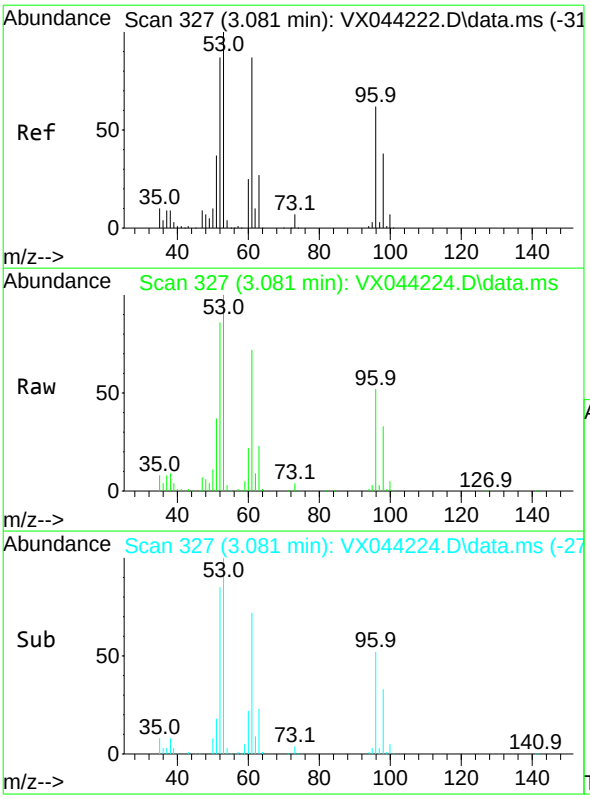


#20
Methylene Chloride
Concen: 149.282 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 84 Resp: 236412

Ion	Ratio	Lower	Upper
84	100		
49	130.9	104.2	156.4
51	39.1	32.2	48.4
86	65.0	50.9	76.3

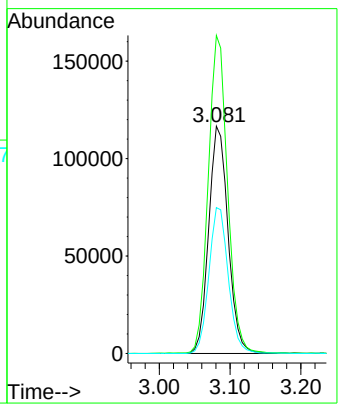




#21
trans-1,2-Dichloroethene
Concen: 157.719 ug/l
RT: 3.081 min Scan# 32
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 96 Resp: 221622

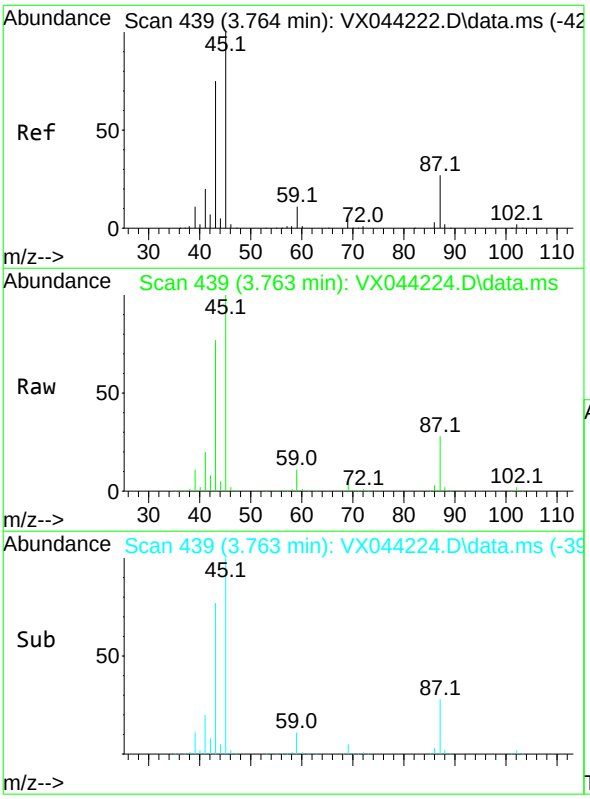
Ion	Ratio	Lower	Upper
96	100		
61	139.7	112.0	168.0
98	64.2	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

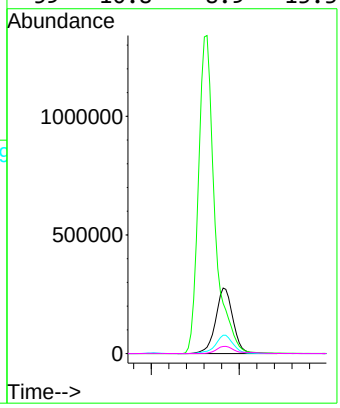
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

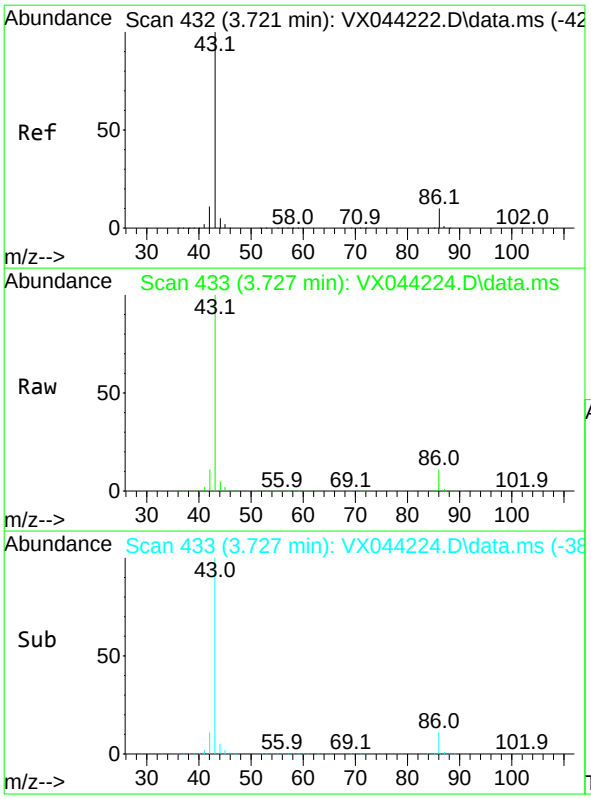


#22
Diisopropyl ether
Concen: 151.500 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 45 Resp: 751292

Ion	Ratio	Lower	Upper
45	100		
43	76.6	60.2	90.2
87	28.0	21.2	31.8
59	10.8	8.9	13.3

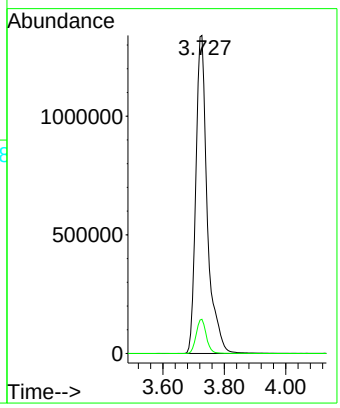




#23
Vinyl Acetate
Concen: 859.417 ug/l
RT: 3.727 min Scan# 43
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 43 Resp: 3464902

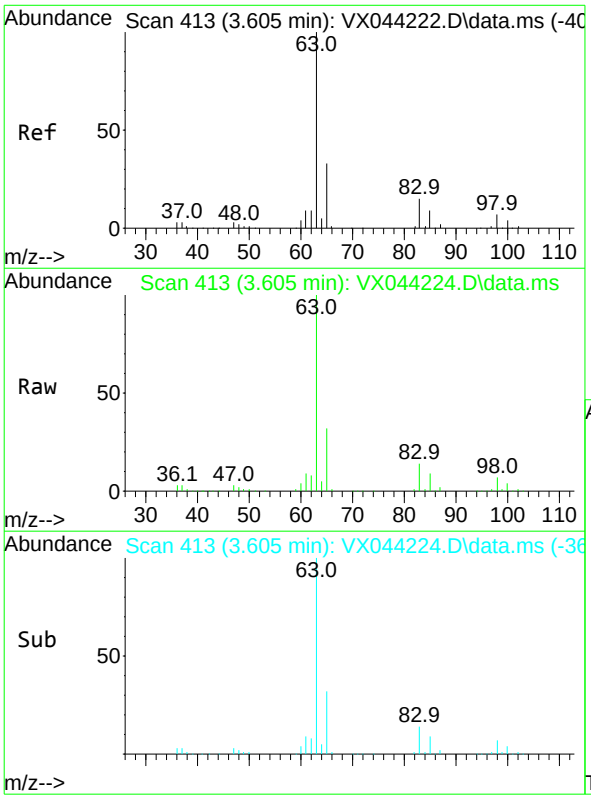
Ion	Ratio	Lower	Upper
43	100		
86	10.7	8.2	12.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

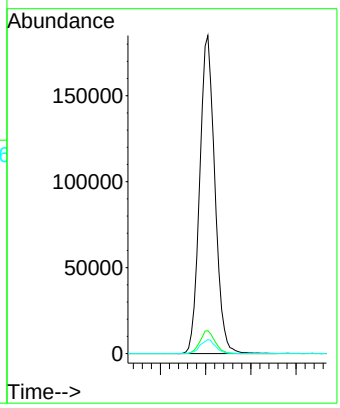
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

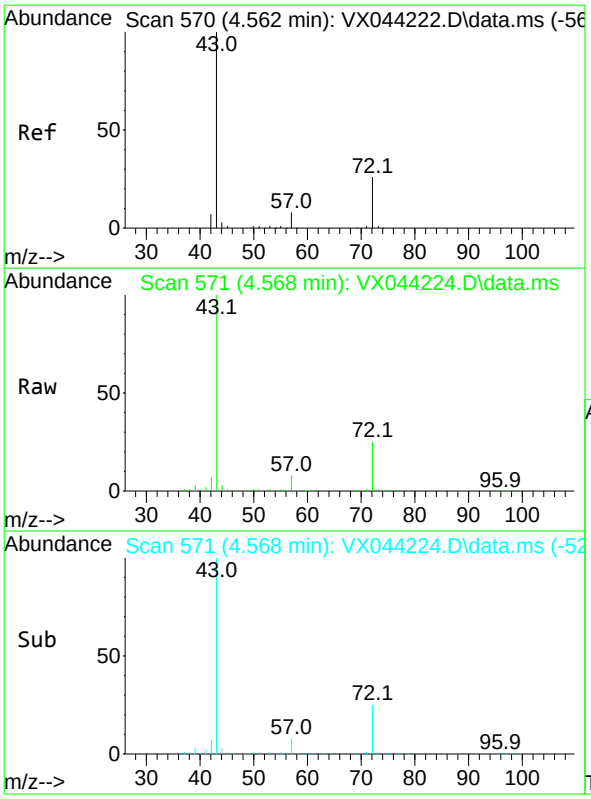


#24
1,1-Dichloroethane
Concen: 155.921 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 63 Resp: 431006

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.6	10.8
100	4.4	2.1	6.3

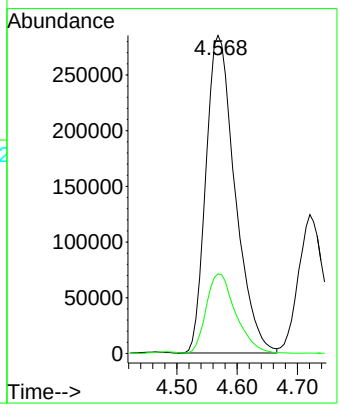




#25
2-Butanone
Concen: 798.973 ug/l
RT: 4.568 min Scan# 57
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 43 Resp: 957709

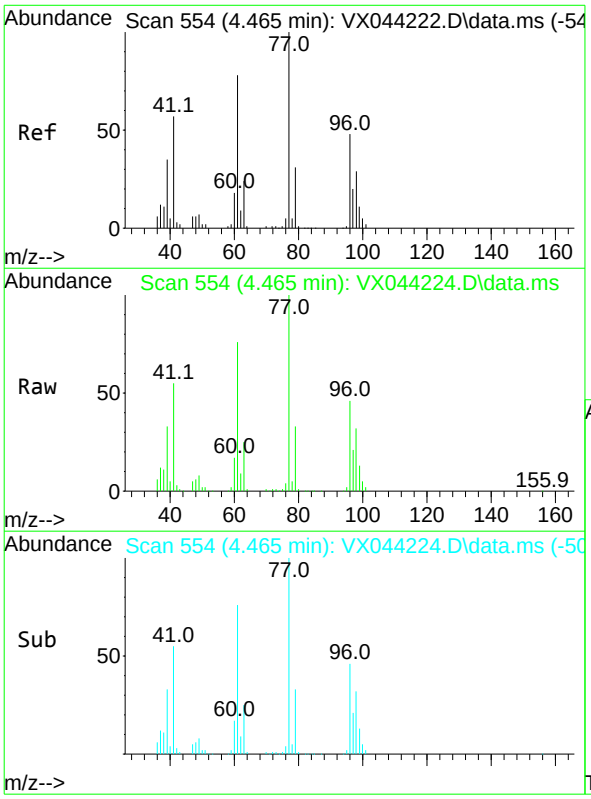
Ion	Ratio	Lower	Upper
43	100		
72	24.8	20.2	30.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

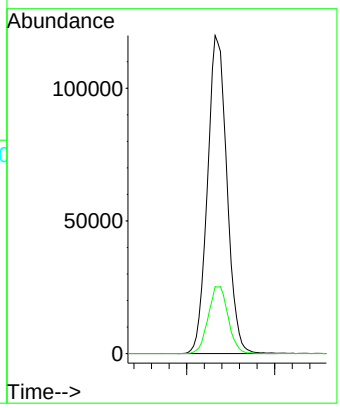
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

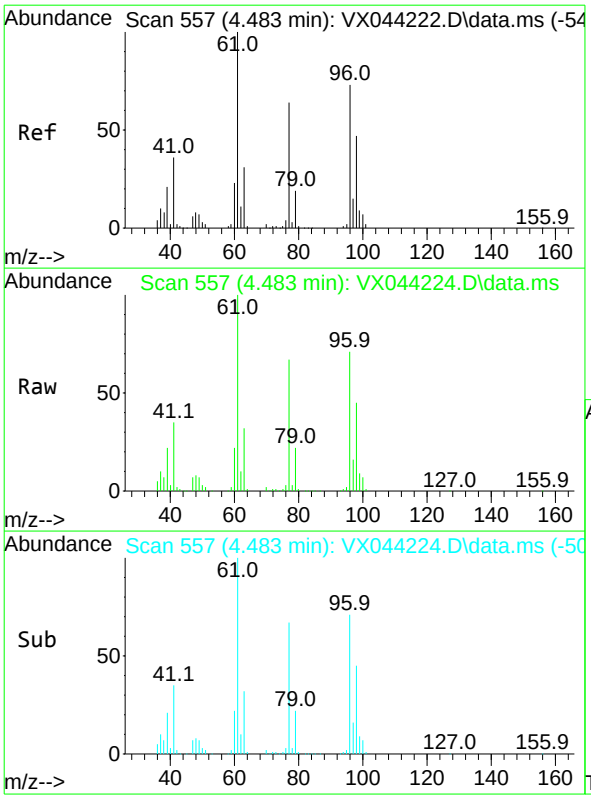


#26
2,2-Dichloropropane
Concen: 163.773 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 77 Resp: 367781

Ion	Ratio	Lower	Upper
77	100		
97	21.6	10.7	32.1

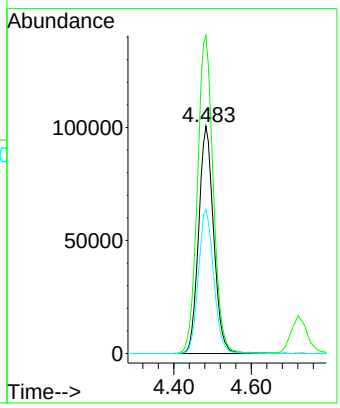




#27
cis-1,2-Dichloroethene
Concen: 151.131 ug/l
RT: 4.483 min Scan# 55
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 96 Resp: 269708

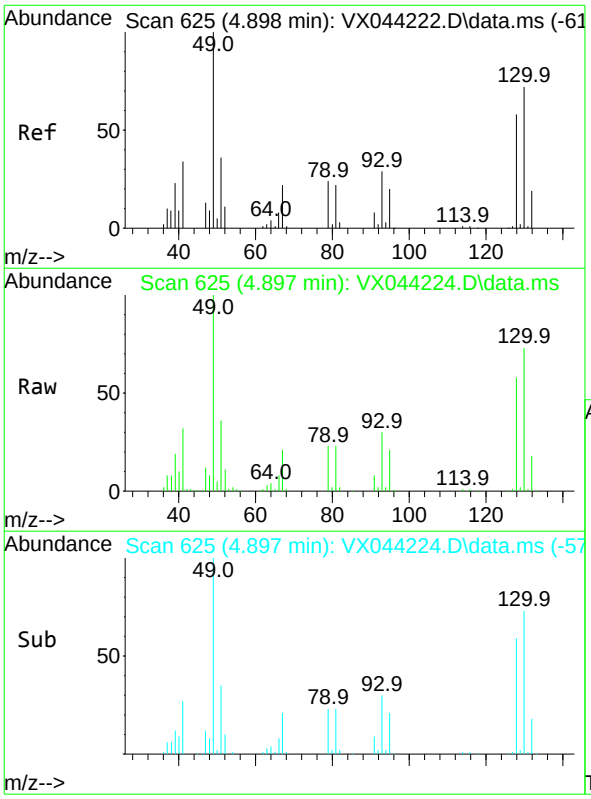
Ion	Ratio	Lower	Upper
96	100		
61	147.2	0.0	299.0
98	64.7	0.0	129.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

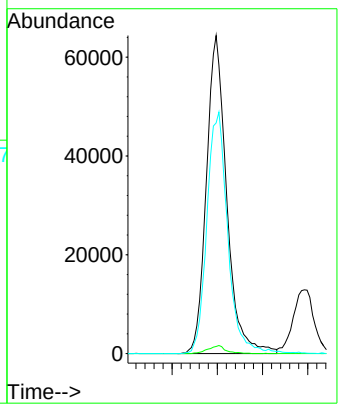
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

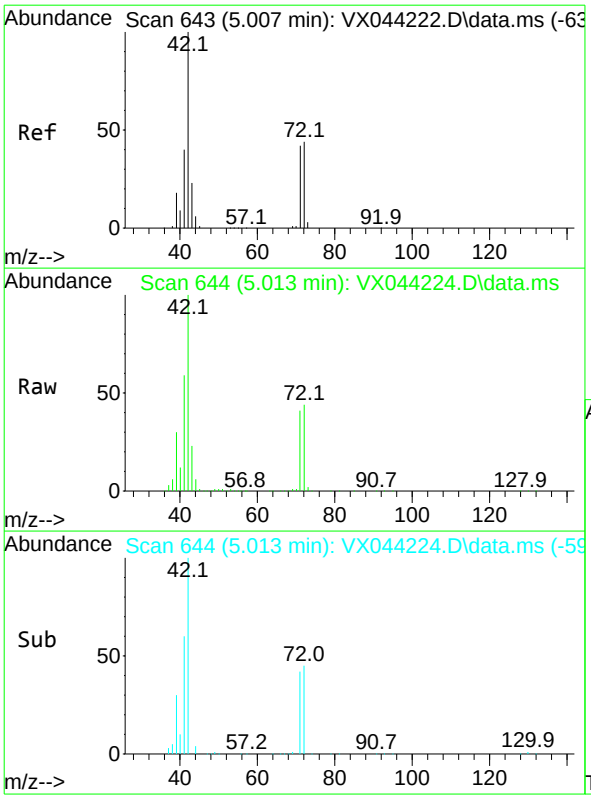


#28
Bromochloromethane
Concen: 148.269 ug/l
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 49 Resp: 200978

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	77.2	62.1	93.1

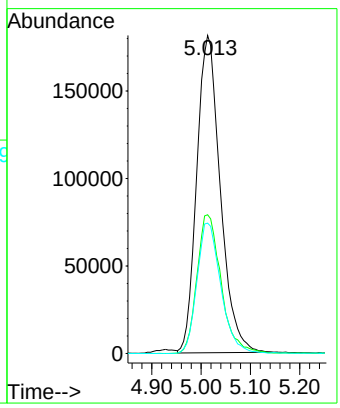




#29
Tetrahydrofuran
Concen: 782.561 ug/l
RT: 5.013 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 42 Resp: 602095

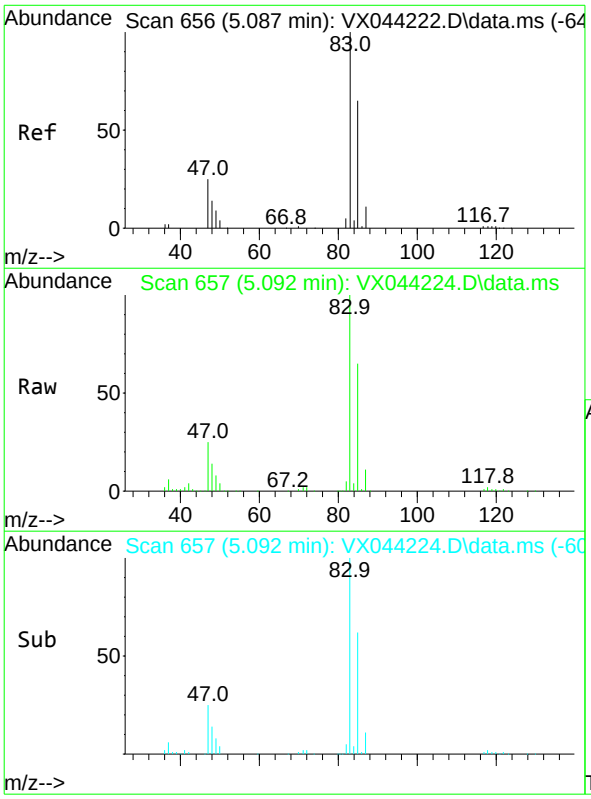
Ion	Ratio	Lower	Upper
42	100		
72	44.8	37.0	55.6
71	41.7	33.6	50.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

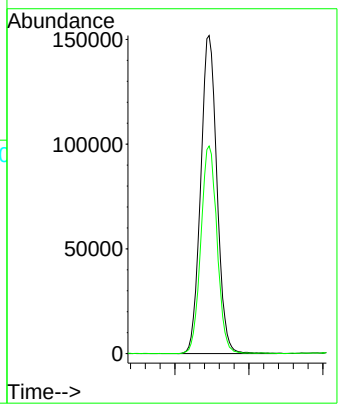
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

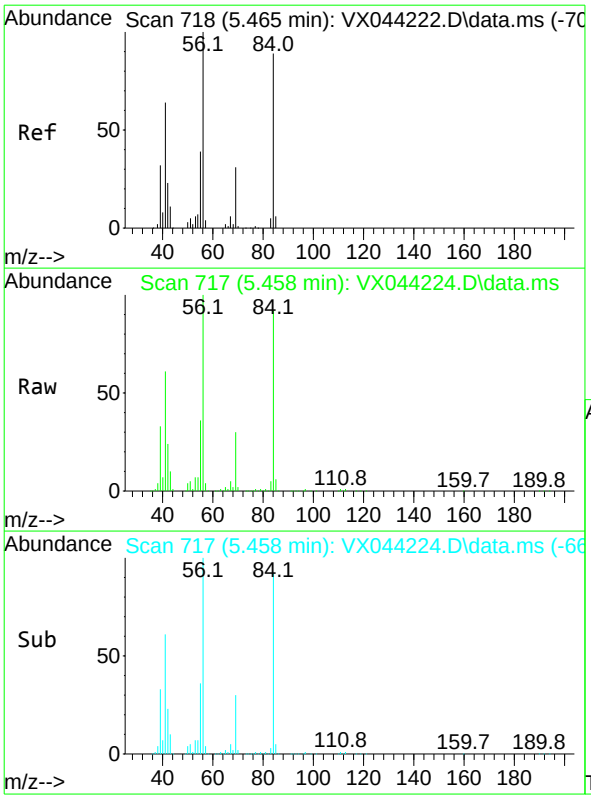


#30
Chloroform
Concen: 149.274 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 83 Resp: 463606

Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.6	77.4

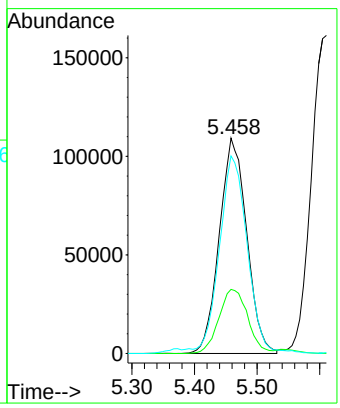




#31
Cyclohexane
Concen: 148.745 ug/l
RT: 5.458 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 56 Resp: 332026

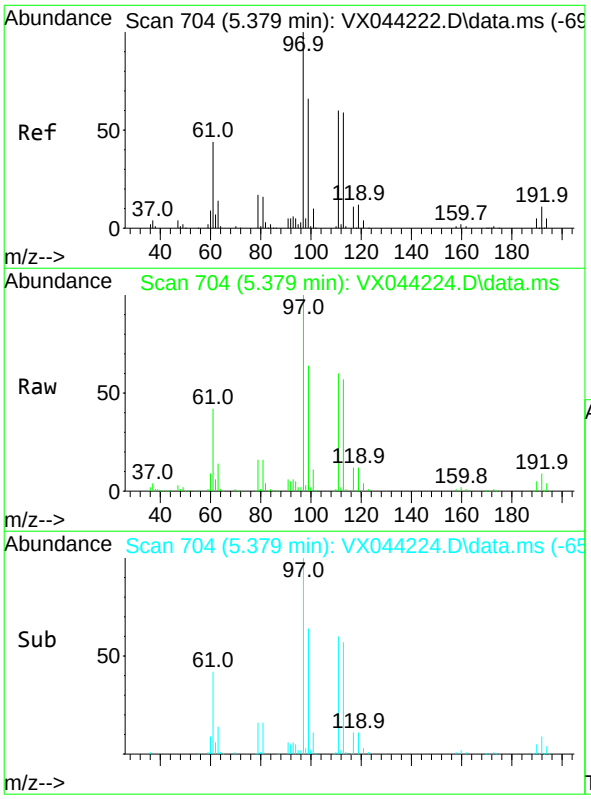
Ion	Ratio	Lower	Upper
56	100		
69	29.8	24.7	37.1
84	90.1	71.0	106.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

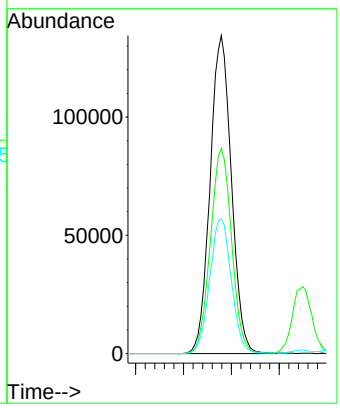
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

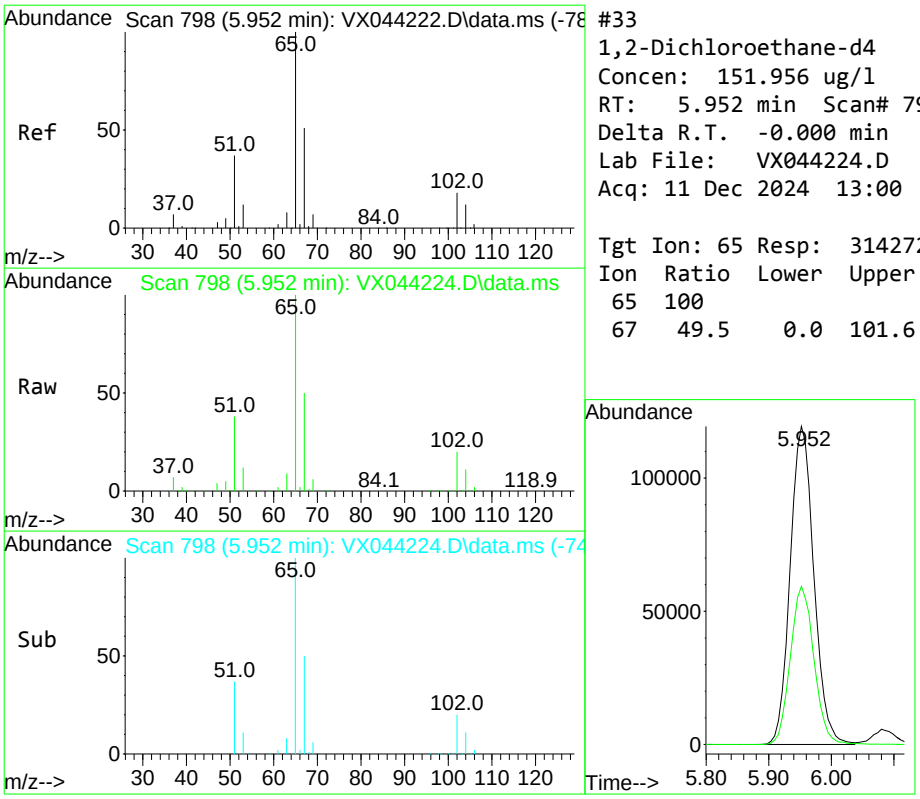


#32
1,1,1-Trichloroethane
Concen: 161.073 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 97 Resp: 415253

Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.8	76.2
61	43.2	35.2	52.8





#33
1,2-Dichloroethane-d4
Concen: 151.956 ug/l
RT: 5.952 min Scan# 79
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

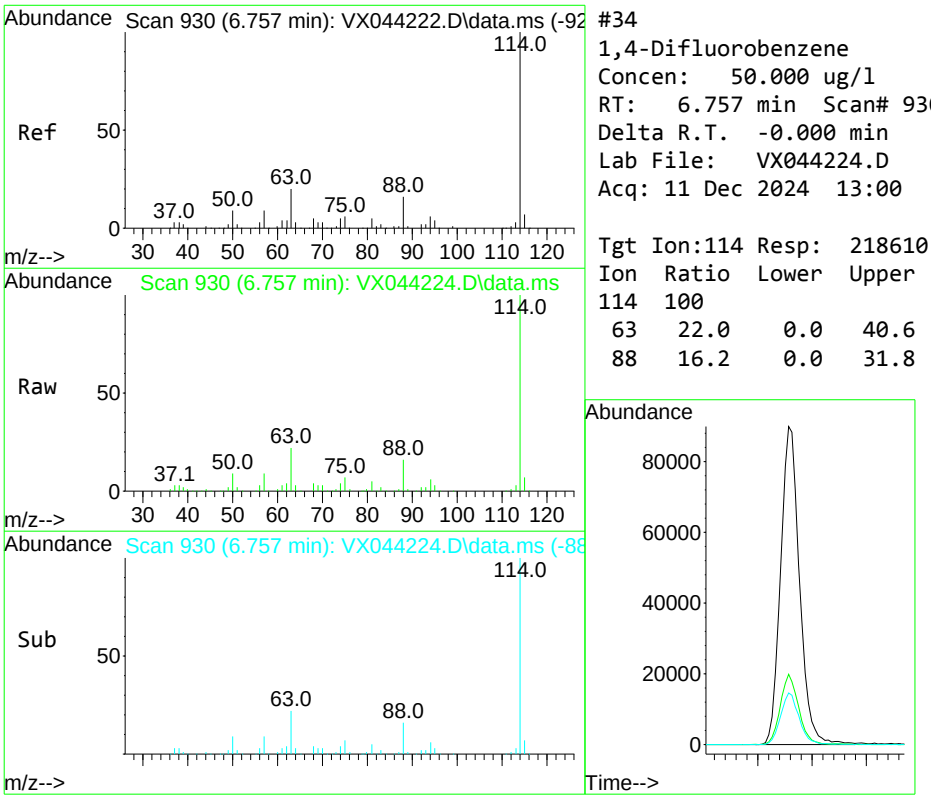
Tgt Ion: 65 Resp: 314272

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	101.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

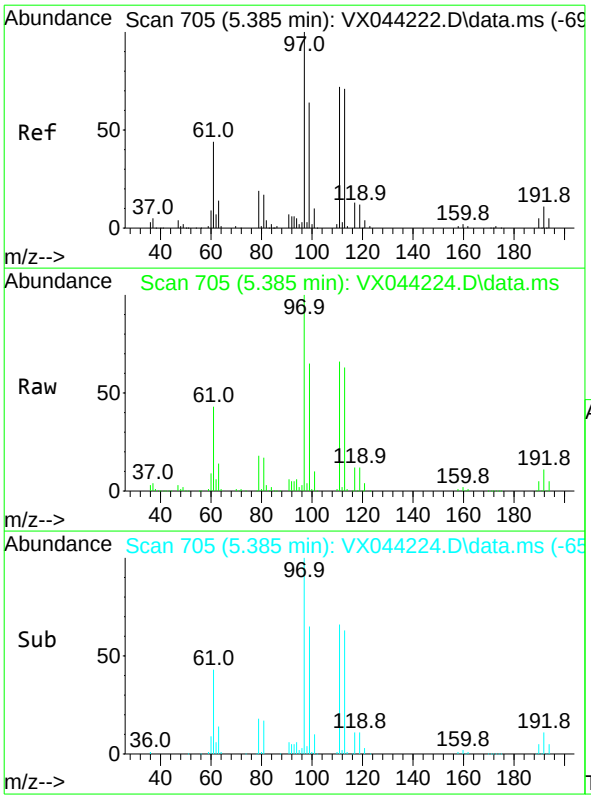
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:114 Resp: 218610

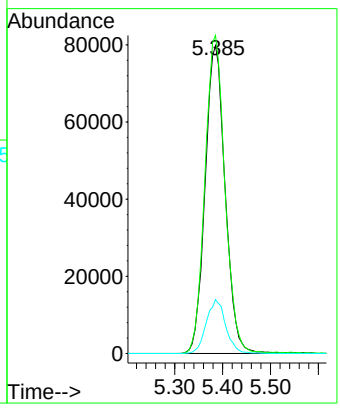
Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	40.6
88	16.2	0.0	31.8



#35
Dibromofluoromethane
Concen: 153.188 ug/l
RT: 5.385 min Scan# 70
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:113 Resp: 231937

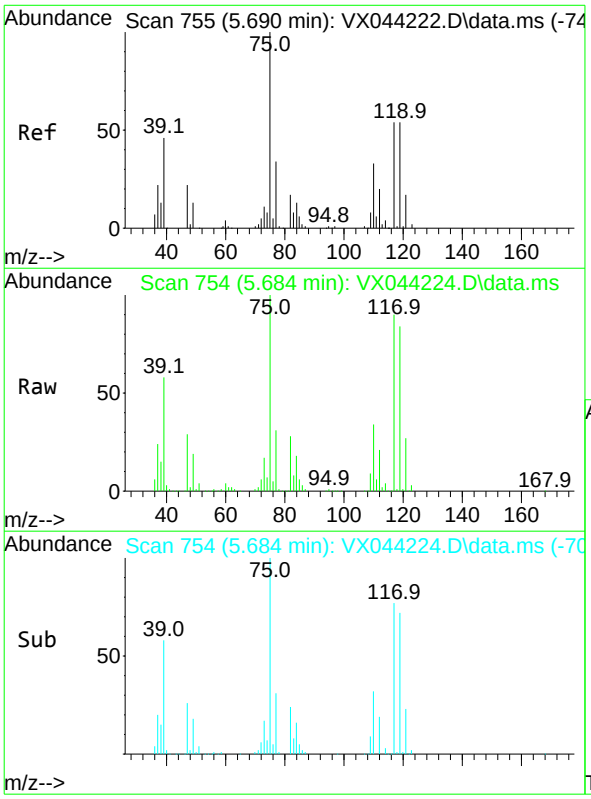
Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.4	120.6
192	17.0	13.3	19.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

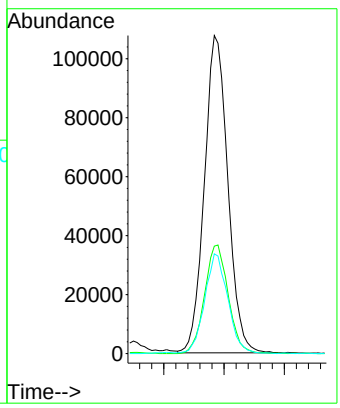
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

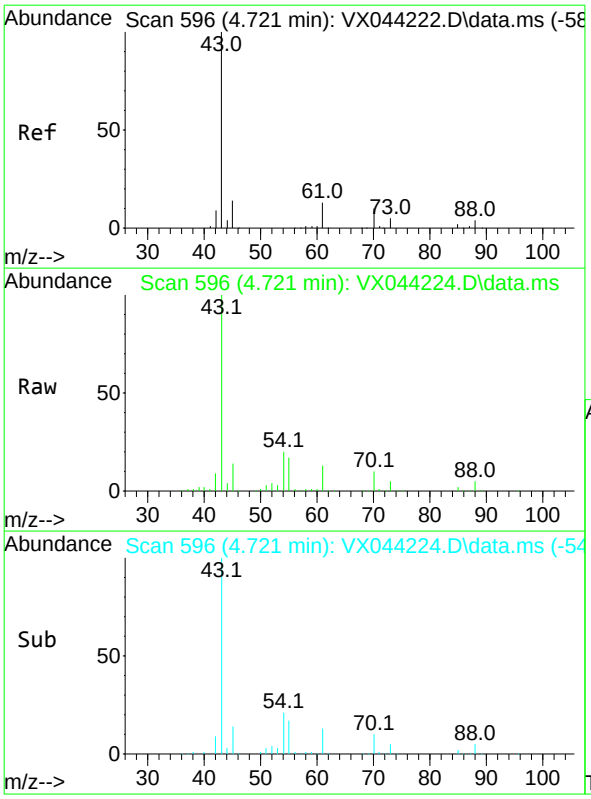


#36
1,1-Dichloropropene
Concen: 148.642 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 75 Resp: 290913

Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.3	51.7
77	31.1	25.4	38.0

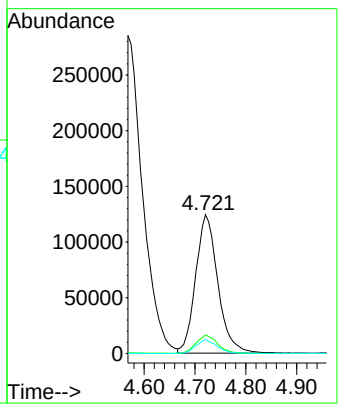




#37
Ethyl Acetate
Concen: 155.731 ug/l
RT: 4.721 min Scan# 59
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 43 Resp: 376757

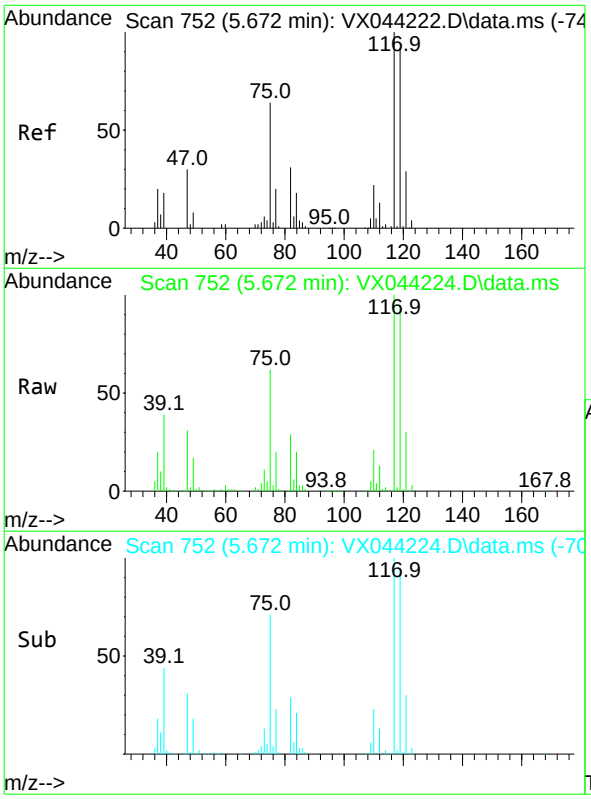
Ion	Ratio	Lower	Upper
43	100		
61	13.2	9.8	14.8
70	9.6	7.7	11.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

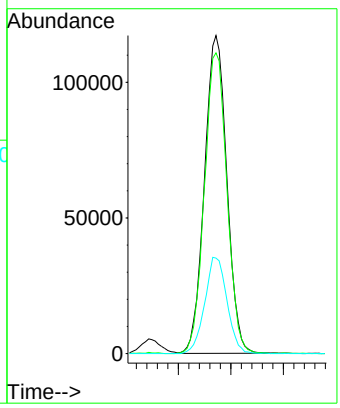
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

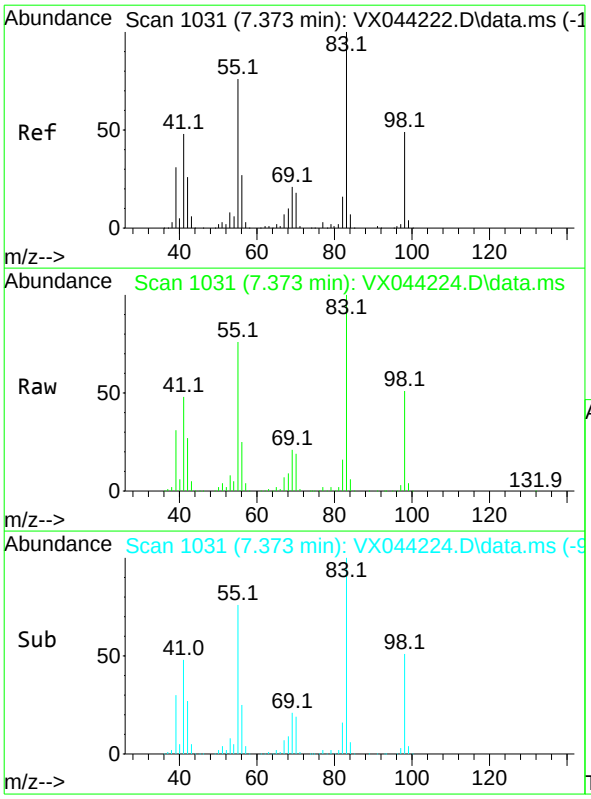


#38
Carbon Tetrachloride
Concen: 164.587 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:117 Resp: 346795

Ion	Ratio	Lower	Upper
117	100		
119	94.6	74.2	111.4
121	30.1	23.0	34.6

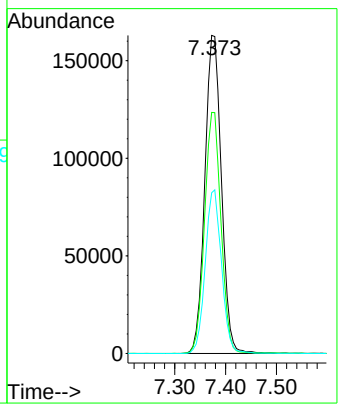




#39
Methylcyclohexane
Concen: 157.516 ug/l
RT: 7.373 min Scan# 10
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 83 Resp: 368542

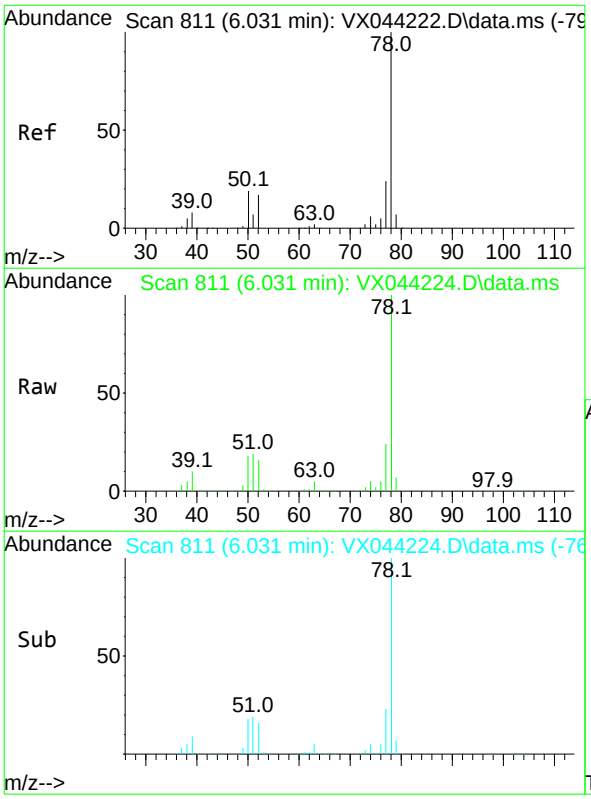
Ion	Ratio	Lower	Upper
83	100		
55	75.8	60.7	91.1
98	50.5	38.9	58.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

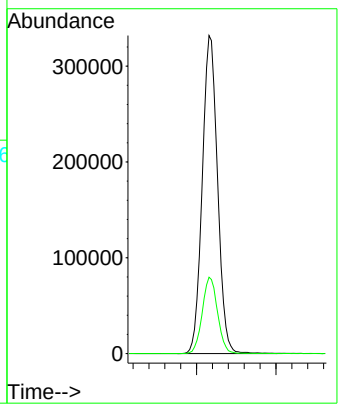
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

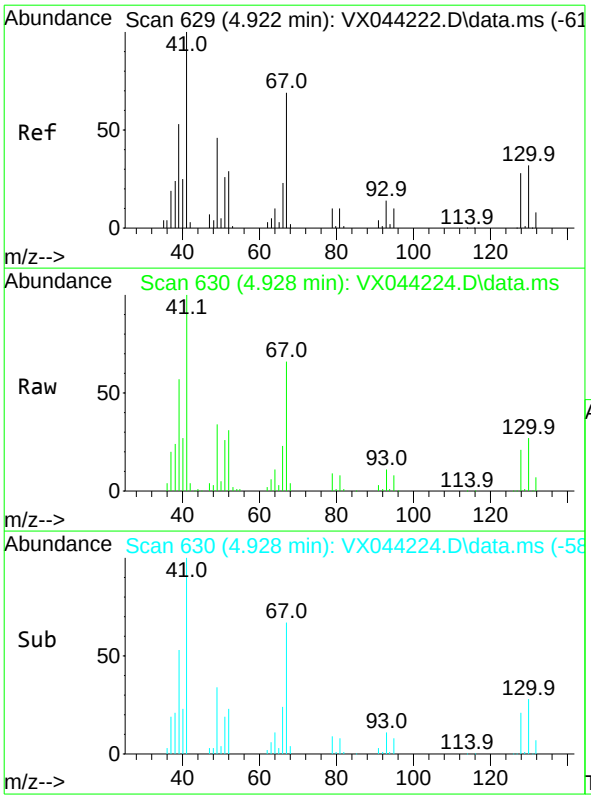


#40
Benzene
Concen: 149.340 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 78 Resp: 887413

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.3	28.9

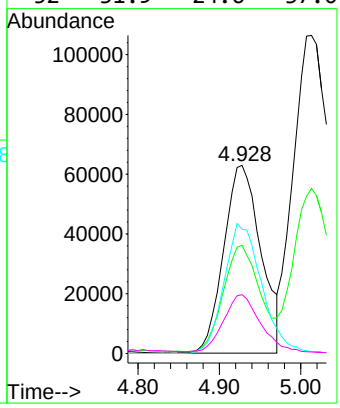




#41
Methacrylonitrile
Concen: 155.569 ug/l
RT: 4.928 min Scan# 63
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 41 Resp: 199851

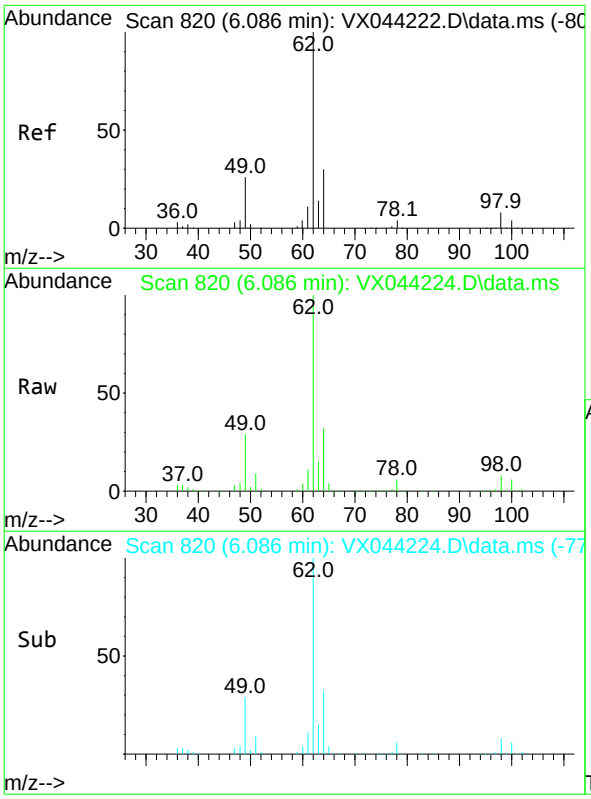
Ion	Ratio	Lower	Upper
41	100		
39	54.5	44.2	66.4
67	70.2	57.2	85.8
52	31.9	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

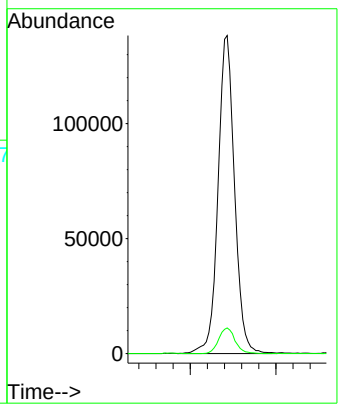
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

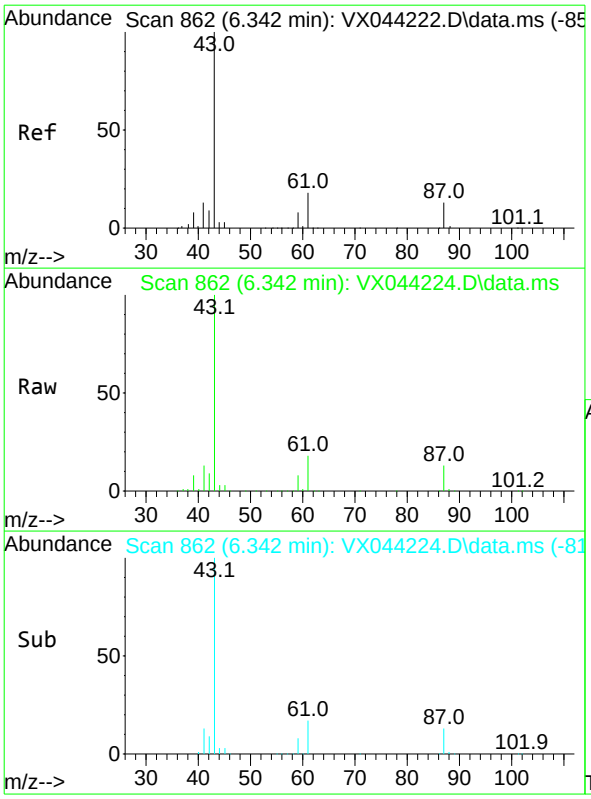


#42
1,2-Dichloroethane
Concen: 151.105 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 62 Resp: 369874

Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	15.8

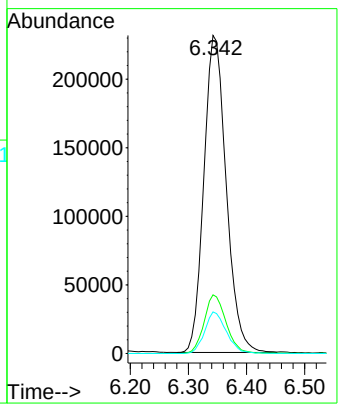




#43
Isopropyl Acetate
Concen: 163.200 ug/l
RT: 6.342 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 43 Resp: 617107

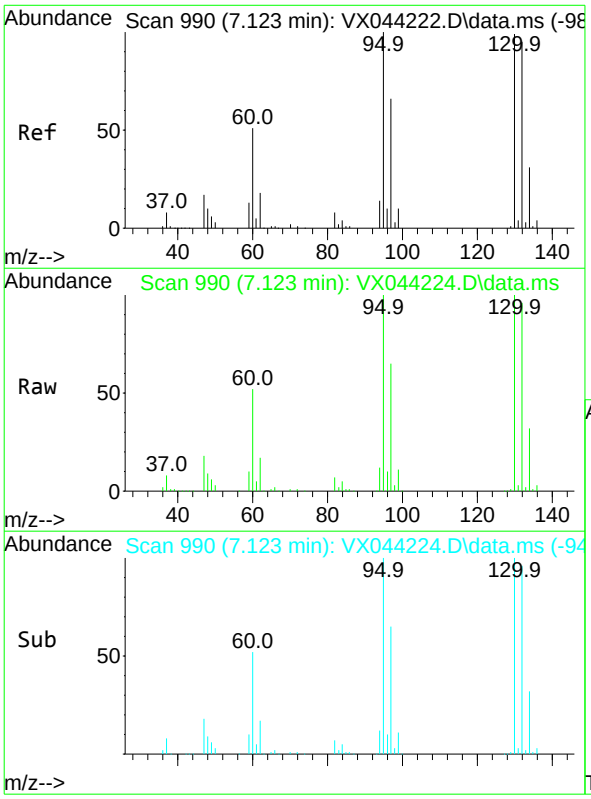
Ion	Ratio	Lower	Upper
43	100		
61	18.2	14.2	21.2
87	12.8	10.2	15.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

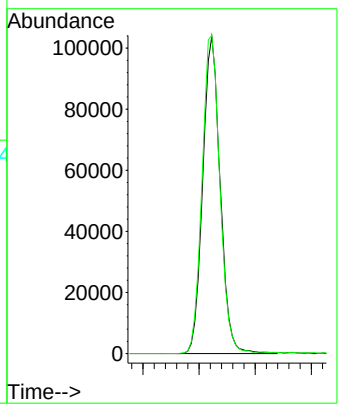
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

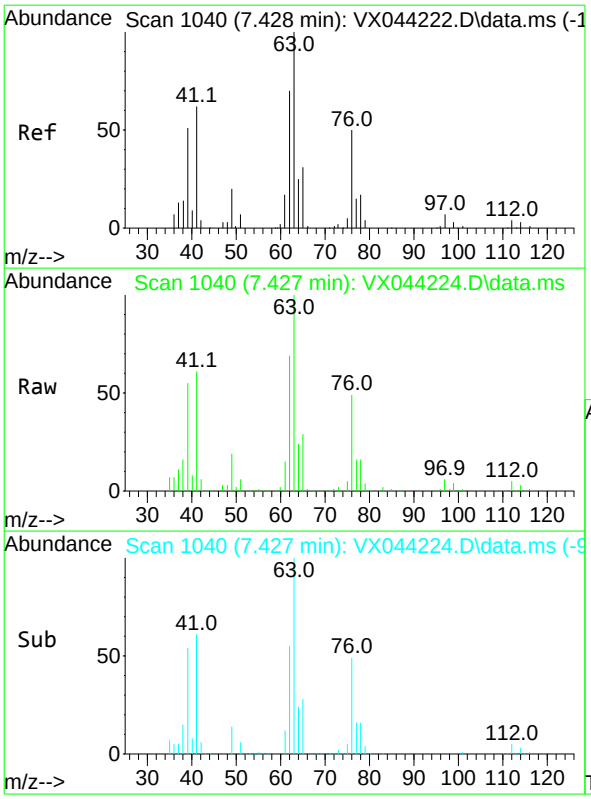


#44
Trichloroethene
Concen: 151.275 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:130 Resp: 224164

Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	201.4

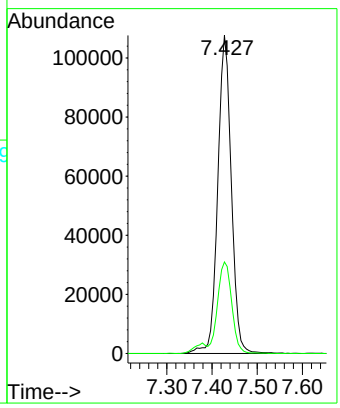




#45
1,2-Dichloropropane
Concen: 147.697 ug/l
RT: 7.427 min Scan# 10
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 63 Resp: 224224

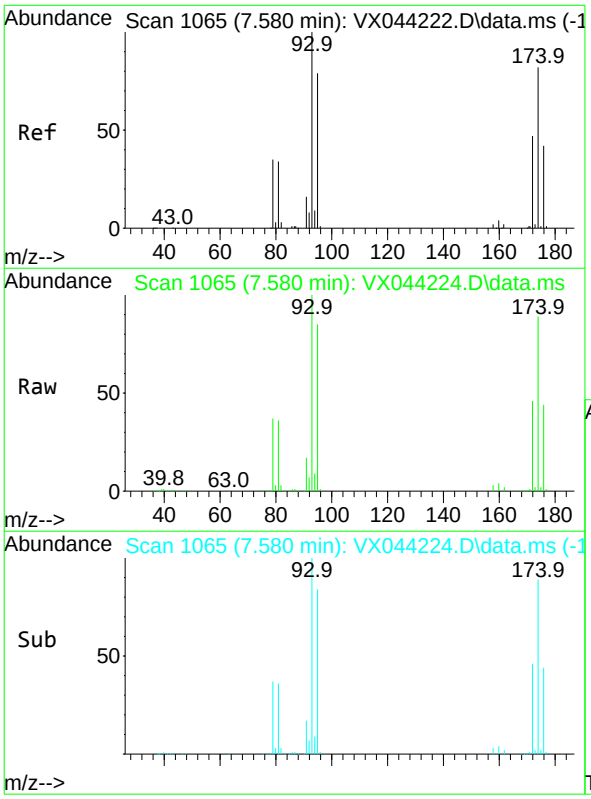
Ion	Ratio	Lower	Upper
63	100		
65	28.8	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

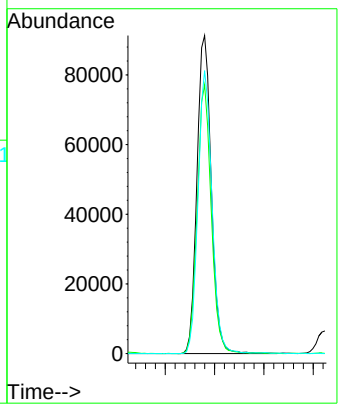
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

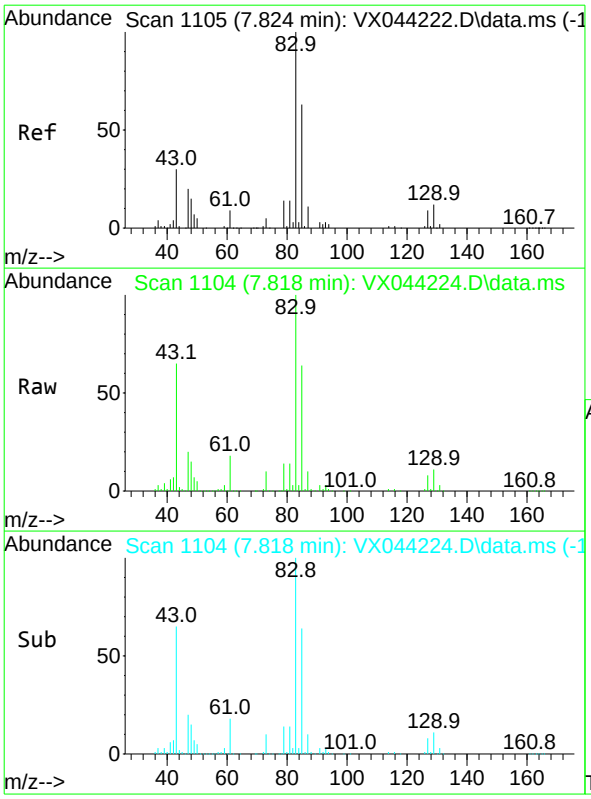


#46
Dibromomethane
Concen: 156.728 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 93 Resp: 184590

Ion	Ratio	Lower	Upper
93	100		
95	82.4	65.4	98.2
174	86.7	67.9	101.9

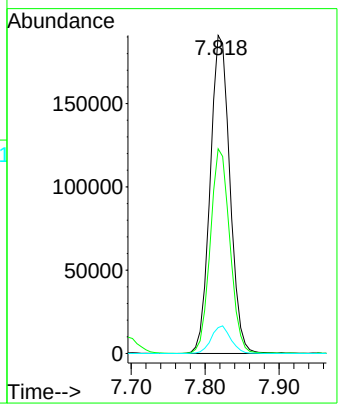




#47
Bromodichloromethane
Concen: 173.496 ug/l
RT: 7.818 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 83 Resp: 352904

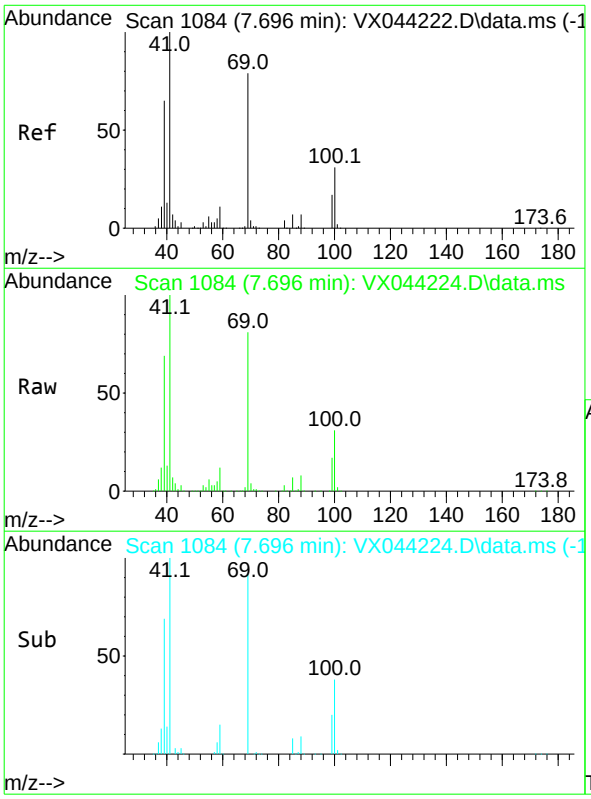
Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.6	75.8
127	8.1	7.3	10.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

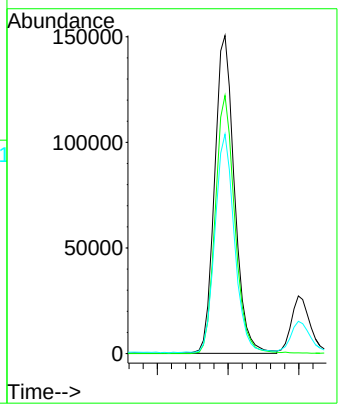
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

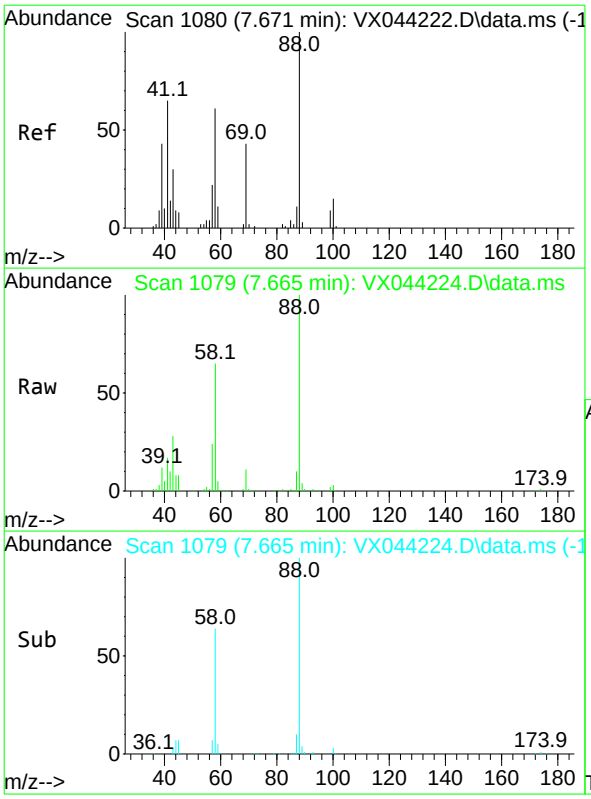


#48
Methyl methacrylate
Concen: 159.567 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 41 Resp: 292890

Ion	Ratio	Lower	Upper
41	100		
69	80.0	62.4	93.6
39	67.8	53.3	79.9

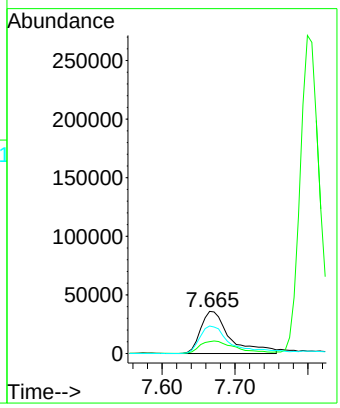




#49
1,4-Dioxane
Concen: 3221.248 ug/l m
RT: 7.665 min Scan# 10
Delta R.T. -0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 88 Resp: 101048

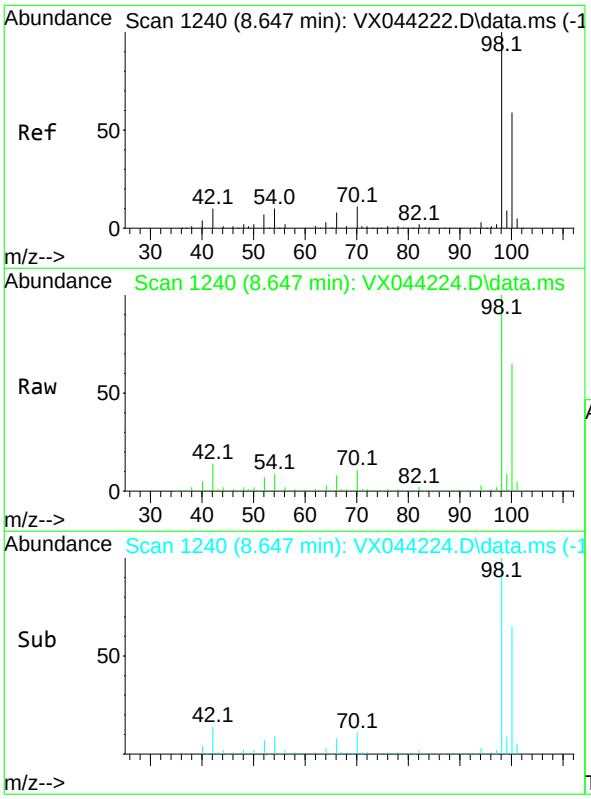
Ion	Ratio	Lower	Upper
88	100		
43	35.1	27.1	40.7
58	69.6	41.0	61.4#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

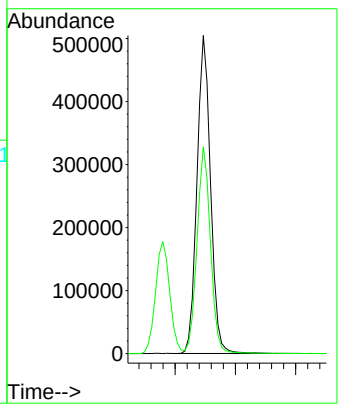
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

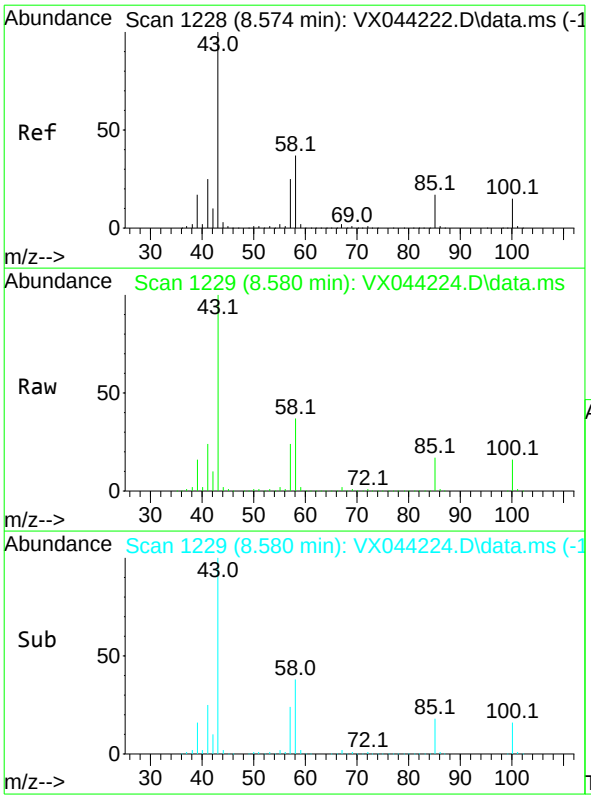


#50
Toluene-d8
Concen: 154.438 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 98 Resp: 788876

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.5	77.3

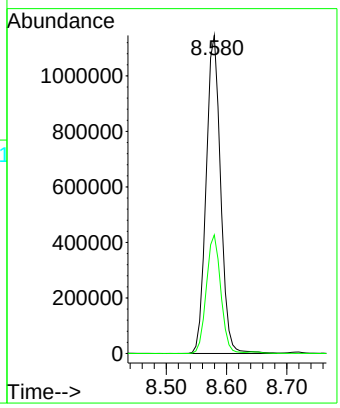




#51
4-Methyl-2-Pentanone
Concen: 784.573 ug/l
RT: 8.580 min Scan# 12
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 43 Resp: 1907523

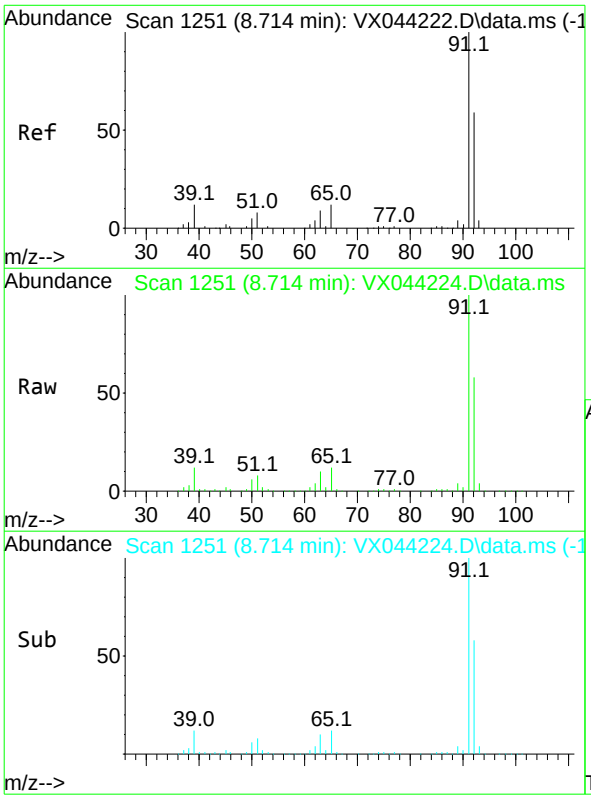
Ion	Ratio	Lower	Upper
43	100		
58	37.1	29.4	44.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

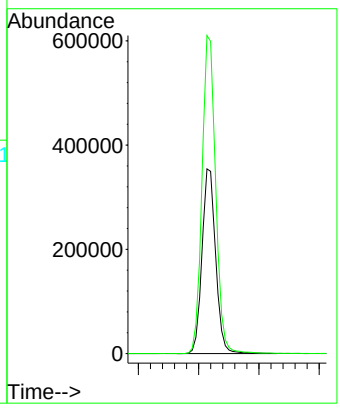
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

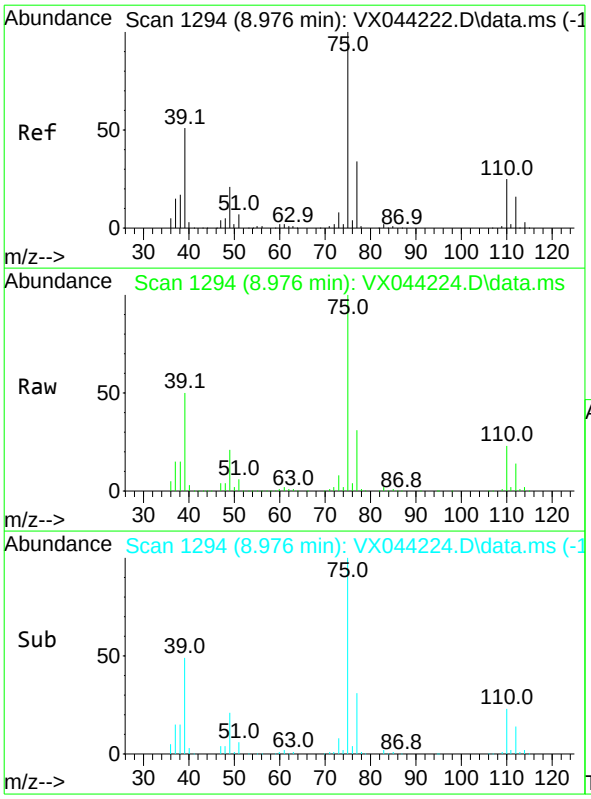


#52
Toluene
Concen: 149.294 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 92 Resp: 557102

Ion	Ratio	Lower	Upper
92	100		
91	172.4	137.0	205.6

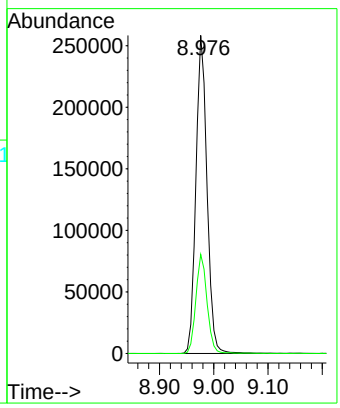




#53
t-1,3-Dichloropropene
Concen: 150.167 ug/l
RT: 8.976 min Scan# 12
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 75 Resp: 366275

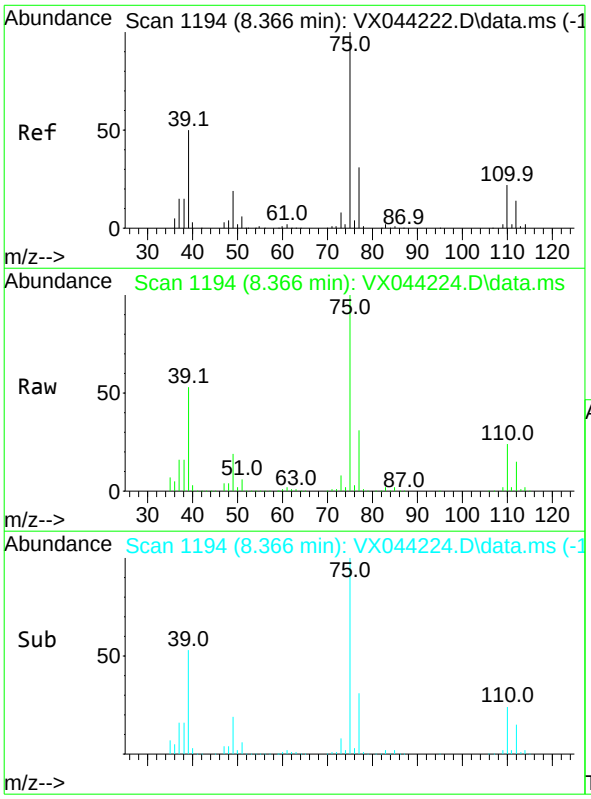
Ion	Ratio	Lower	Upper
75	100		
77	31.1	27.2	40.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

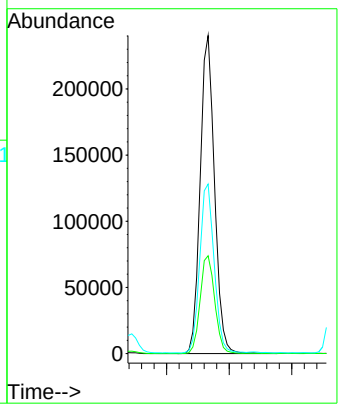
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

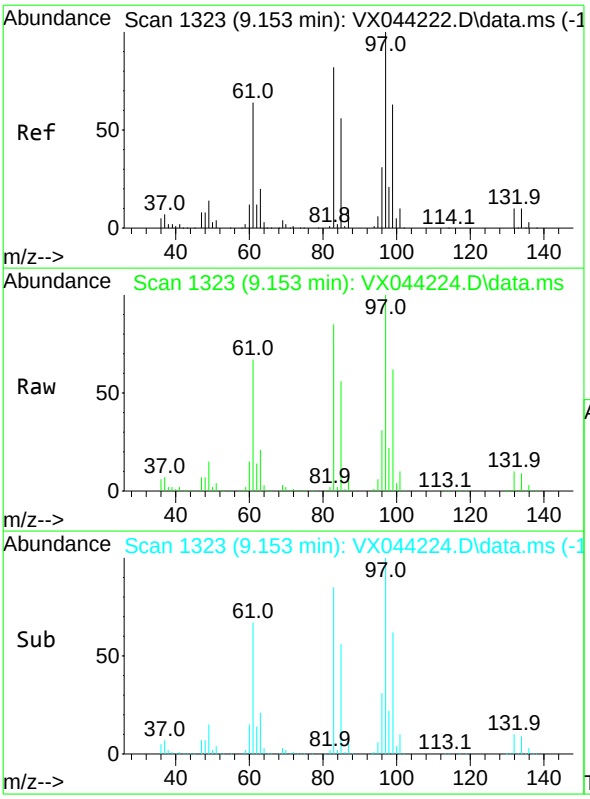


#54
cis-1,3-Dichloropropene
Concen: 172.581 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 75 Resp: 382226

Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.7	37.1
39	53.1	40.3	60.5

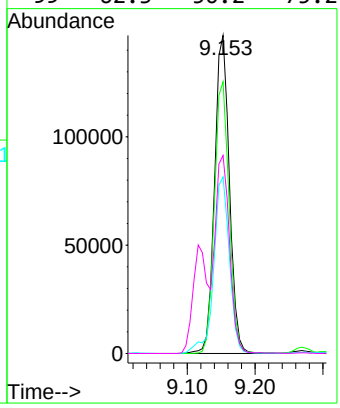




#55
1,1,2-Trichloroethane
Concen: 150.202 ug/l
RT: 9.153 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 97 Resp: 222665

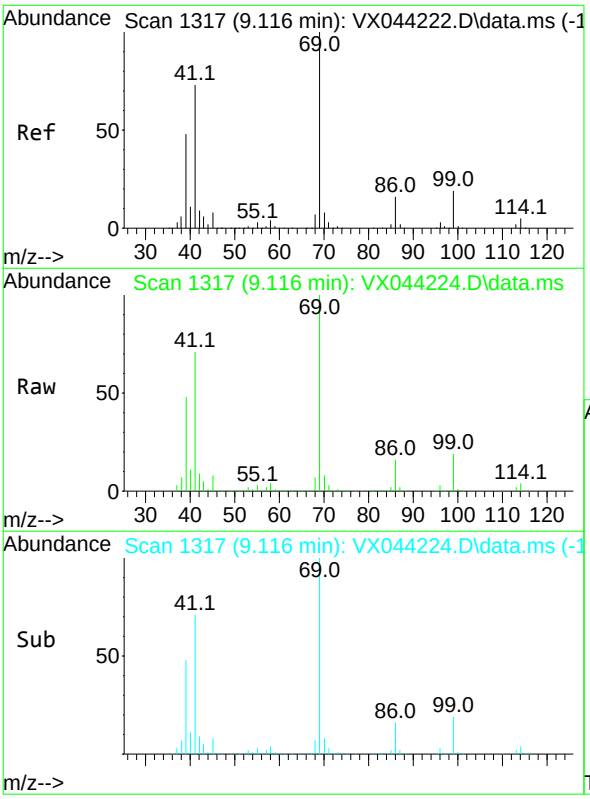
Ion	Ratio	Lower	Upper
97	100		
83	85.5	65.3	97.9
85	55.5	44.6	67.0
99	62.3	50.2	75.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

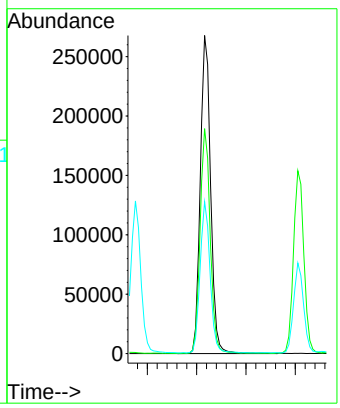
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

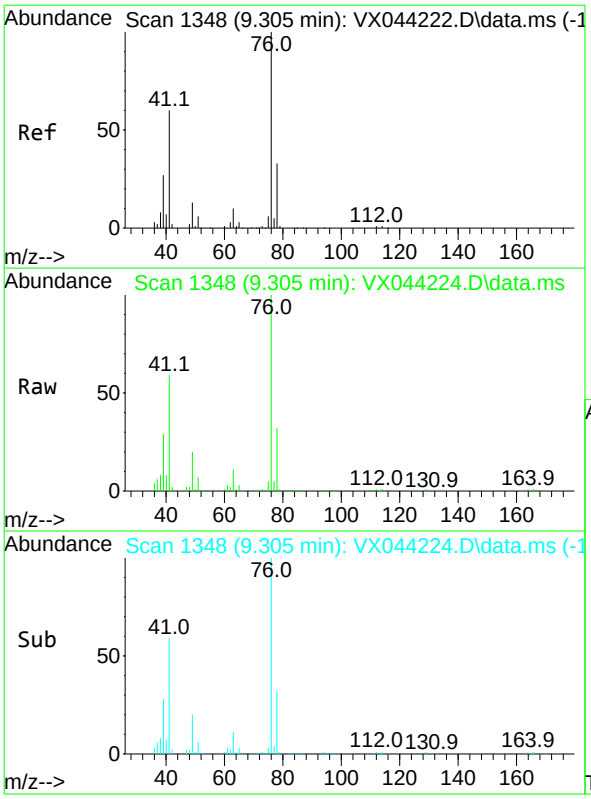


#56
Ethyl methacrylate
Concen: 166.289 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 69 Resp: 389165

Ion	Ratio	Lower	Upper
69	100		
41	69.4	56.6	85.0
39	46.2	37.4	56.0

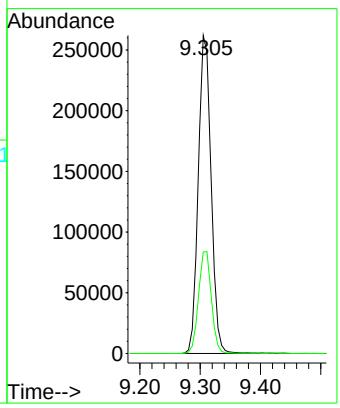




#57
1,3-Dichloropropane
Concen: 150.014 ug/l
RT: 9.305 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 76 Resp: 387086

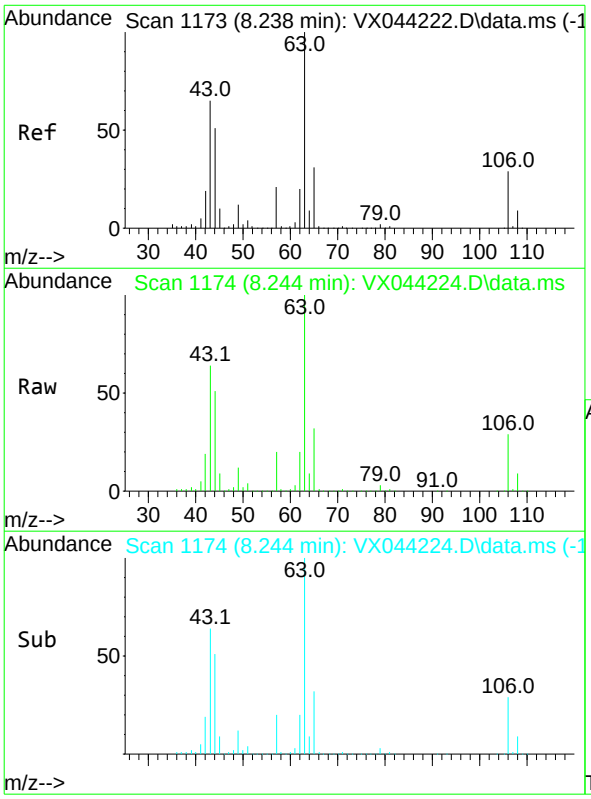
Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

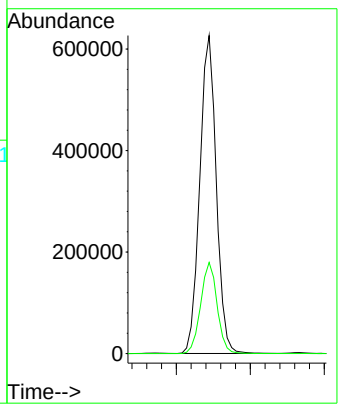
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

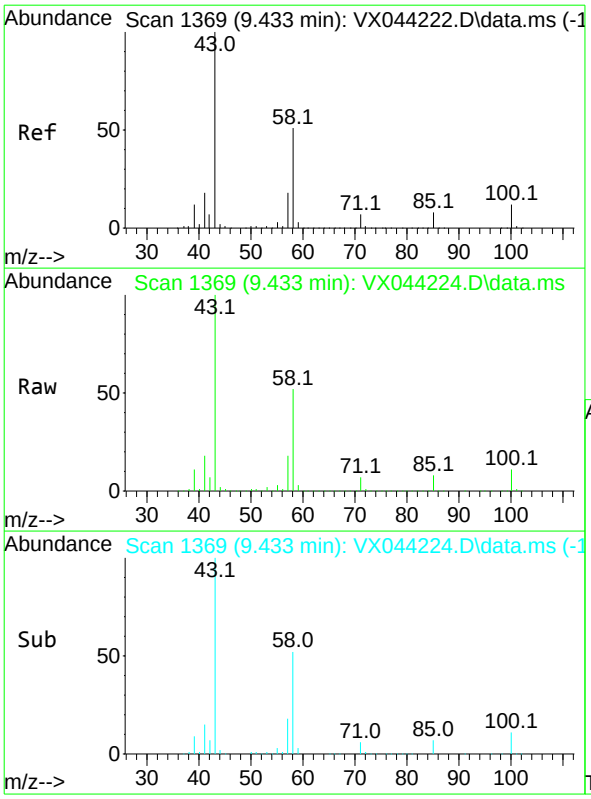


#58
2-Chloroethyl Vinyl ether
Concen: 822.575 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 63 Resp: 970949

Ion	Ratio	Lower	Upper
63	100		
106	28.5	22.8	34.2

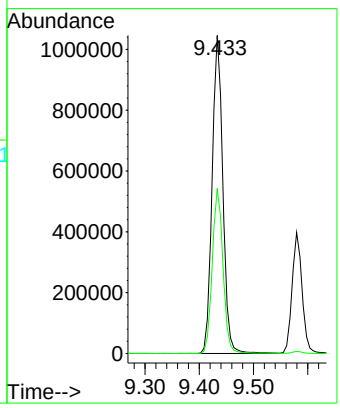




#59
2-Hexanone
Concen: 816.161 ug/l
RT: 9.433 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 43 Resp: 1436300

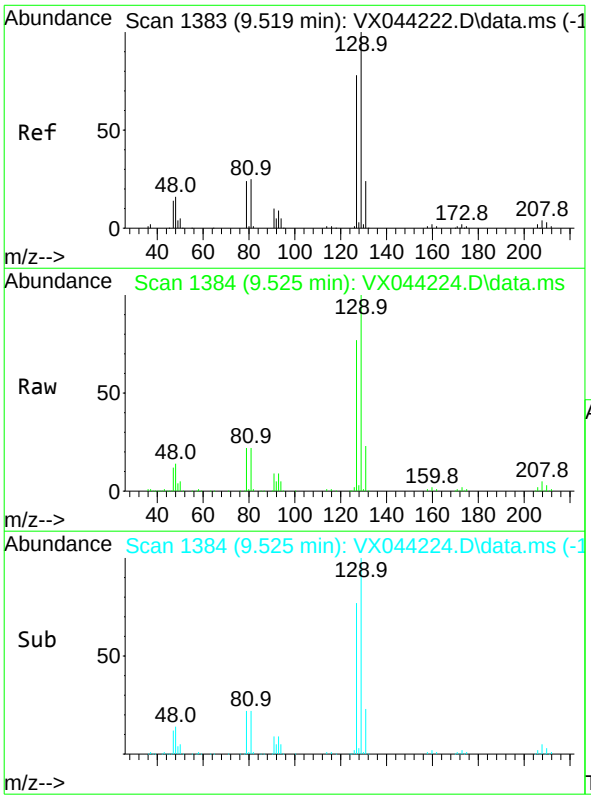
Ion	Ratio	Lower	Upper
43	100		
58	52.0	25.7	77.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

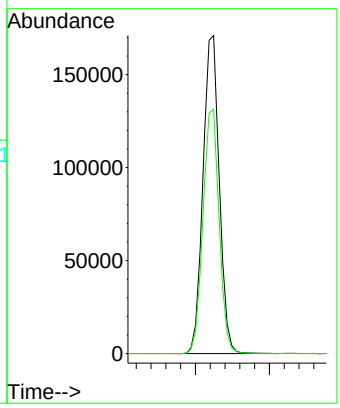
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

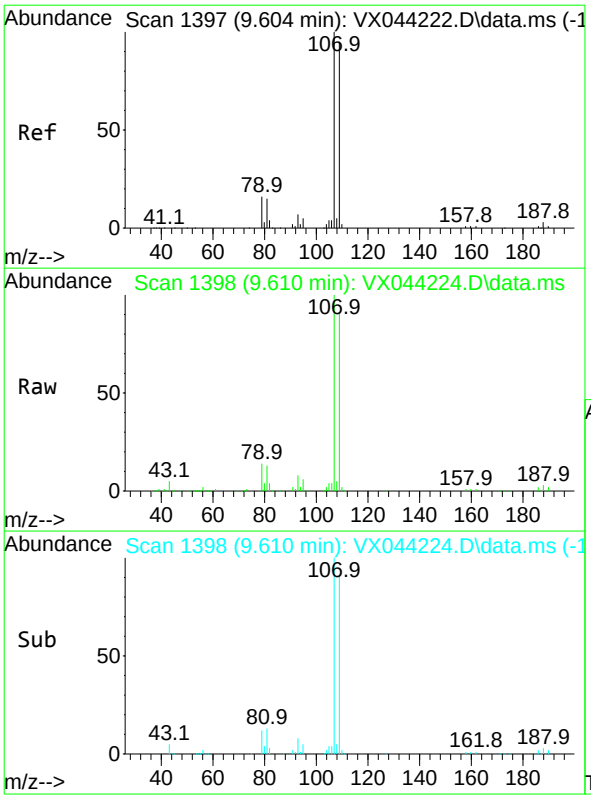


#60
Dibromochloromethane
Concen: 150.105 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:129 Resp: 261253

Ion	Ratio	Lower	Upper
129	100		
127	76.5	38.5	115.3

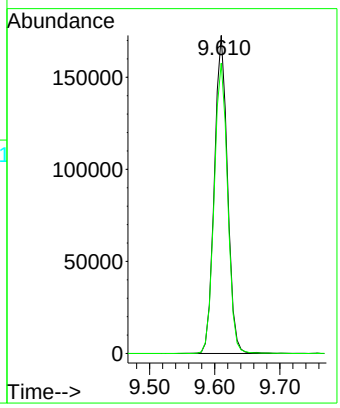




#61
1,2-Dibromoethane
Concen: 160.674 ug/l
RT: 9.610 min Scan# 13
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:107 Resp: 242451

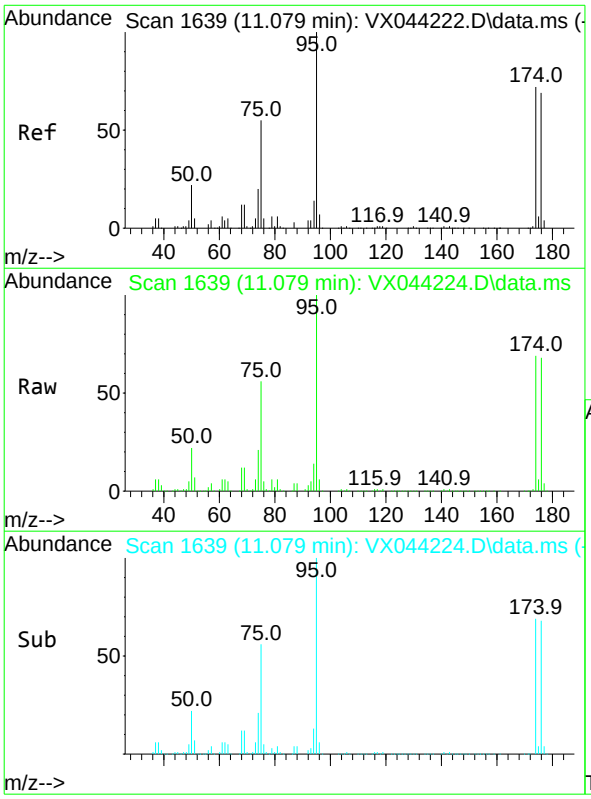
Ion	Ratio	Lower	Upper
107	100		
109	93.4	77.0	115.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

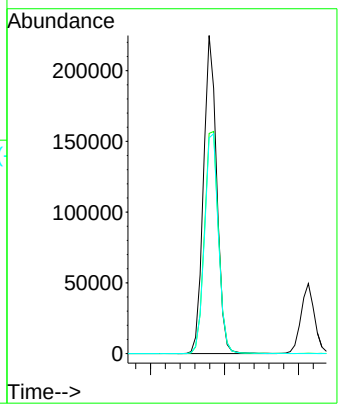
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

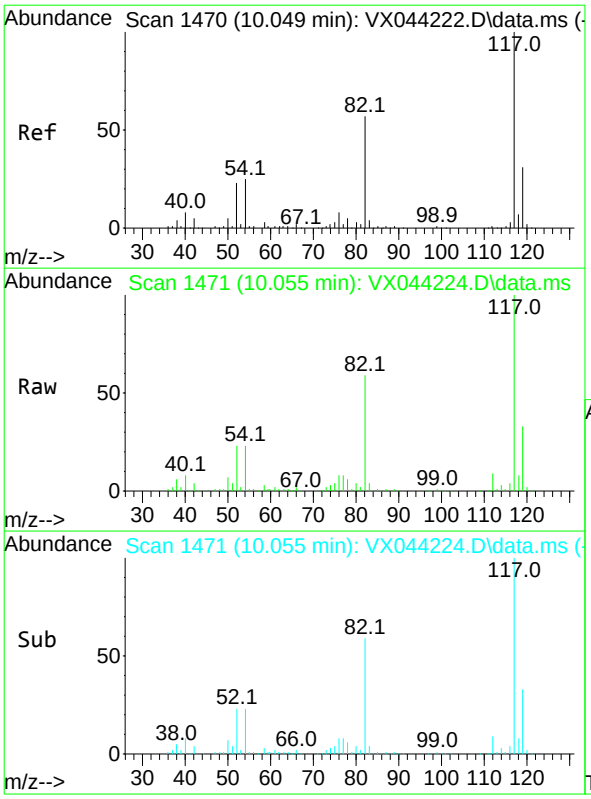


#62
4-Bromofluorobenzene
Concen: 156.709 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 95 Resp: 279706

Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	145.8
176	72.6	0.0	137.8

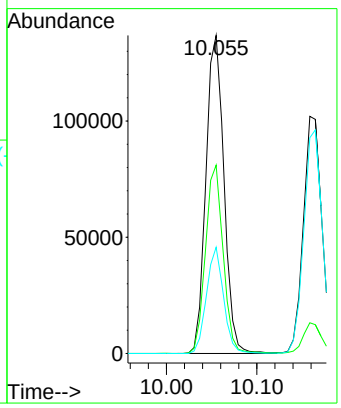




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:117 Resp: 190013

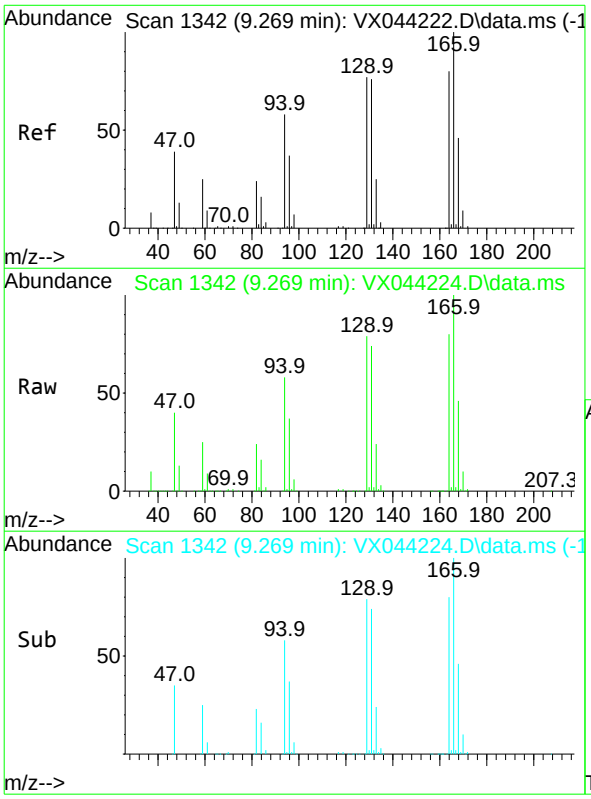
Ion	Ratio	Lower	Upper
117	100		
82	59.2	45.8	68.8
119	33.4	25.0	37.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

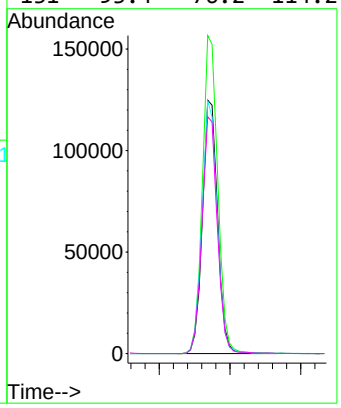
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

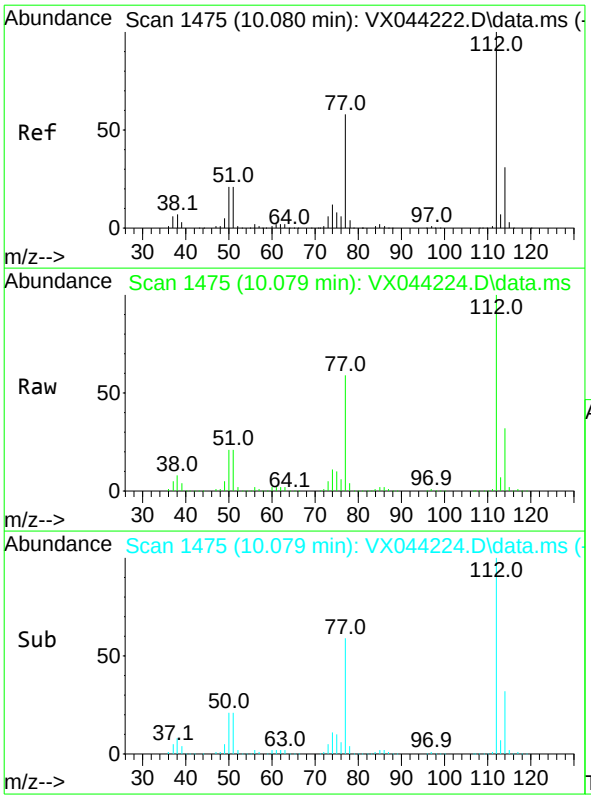


#64
Tetrachloroethene
Concen: 147.836 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:164 Resp: 186443

Ion	Ratio	Lower	Upper
164	100		
166	125.5	100.4	150.6
129	99.7	77.2	115.8
131	93.4	76.2	114.2

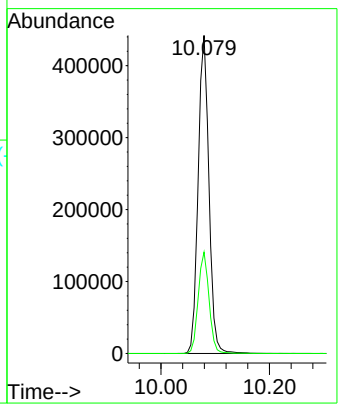




#65
Chlorobenzene
Concen: 149.428 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:112 Resp: 608404

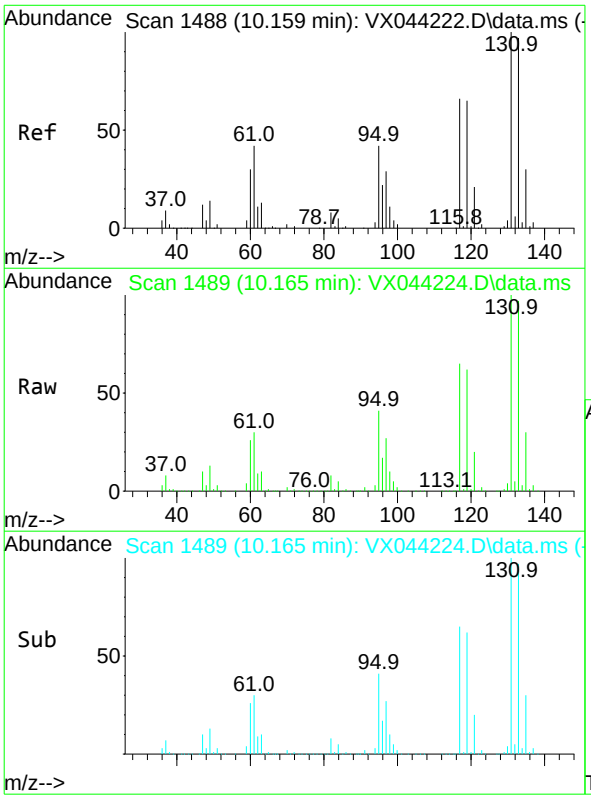
Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

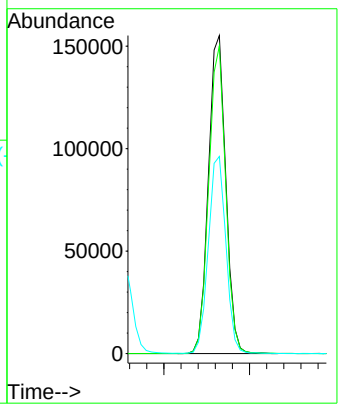
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

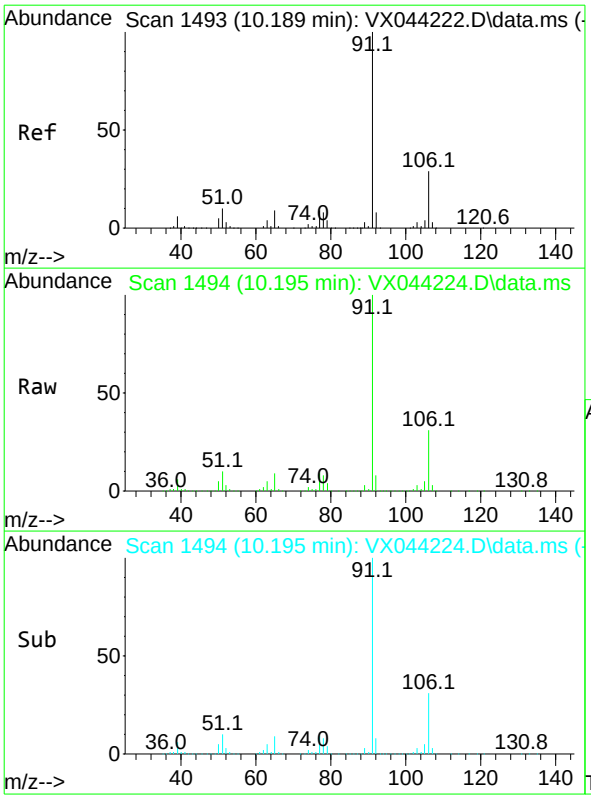


#66
1,1,1,2-Tetrachloroethane
Concen: 166.991 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:131 Resp: 218515

Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.3	141.8
119	62.7	31.6	95.0

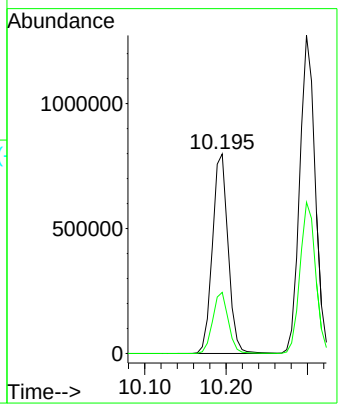




#67
Ethyl Benzene
Concen: 151.917 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 91 Resp: 1068736

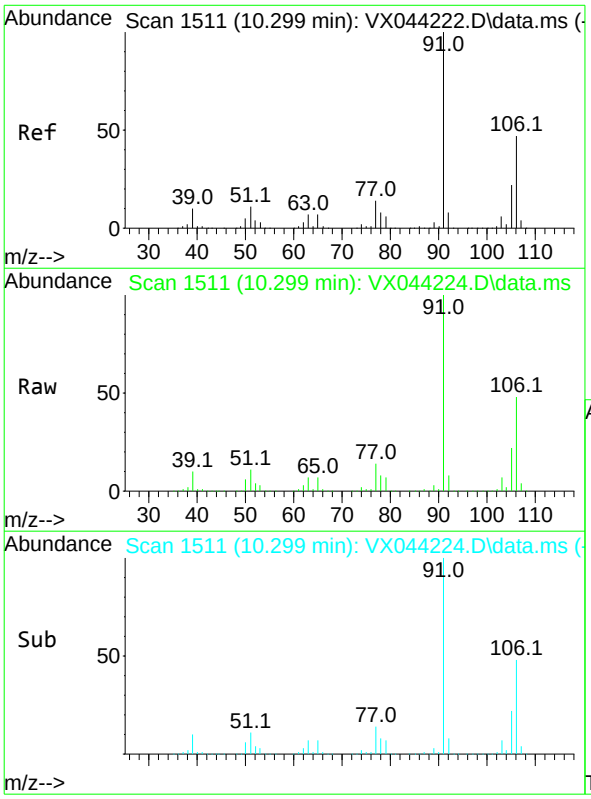
Ion	Ratio	Lower	Upper
91	100		
106	30.6	23.5	35.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

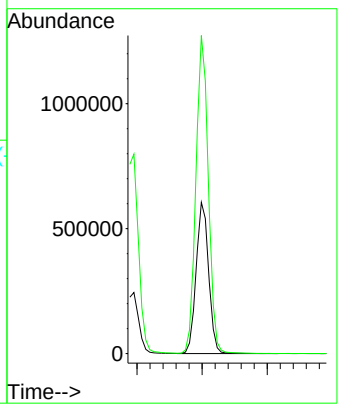
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

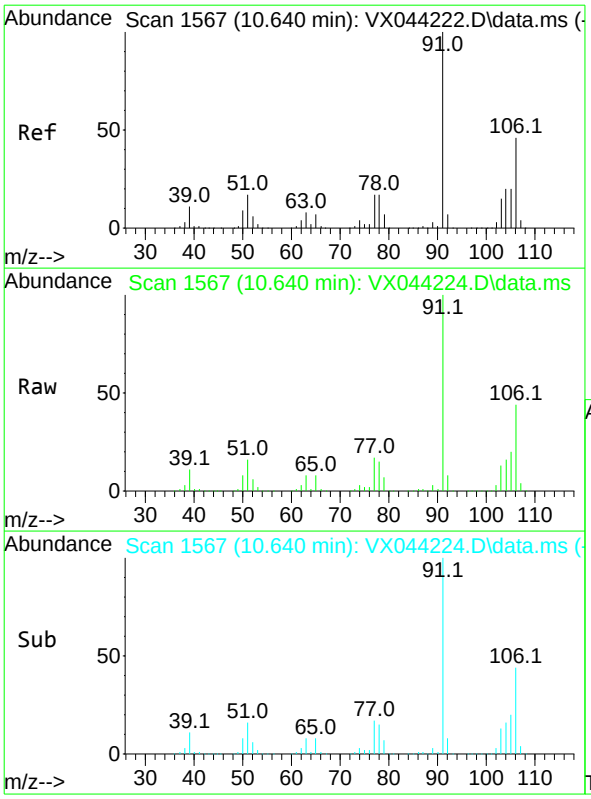


#68
m/p-Xylenes
Concen: 312.254 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:106 Resp: 806058

Ion	Ratio	Lower	Upper
106	100		
91	208.8	170.2	255.2

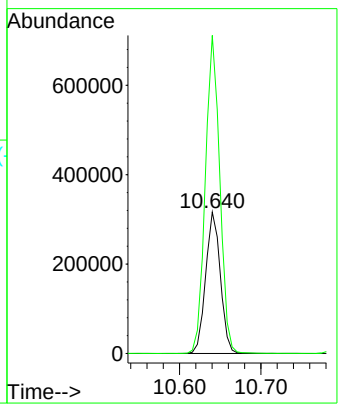




#69
o-Xylene
Concen: 152.030 ug/l
RT: 10.640 min Scan# 15
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:106 Resp: 397084

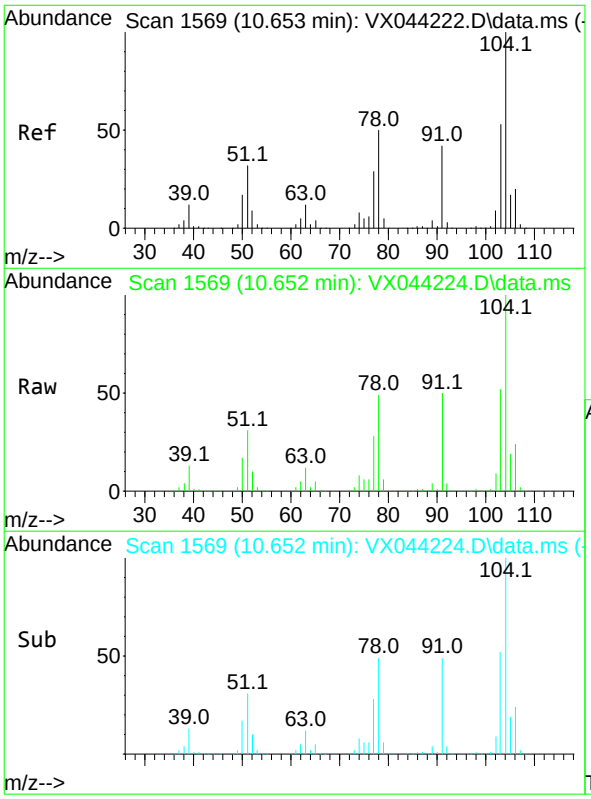
Ion	Ratio	Lower	Upper
106	100		
91	221.5	112.3	337.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

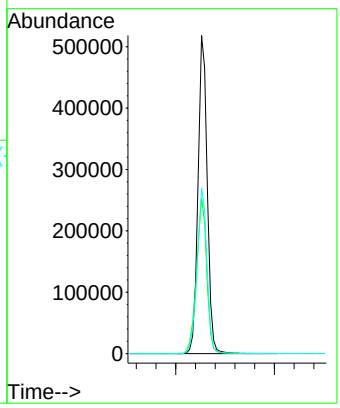
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

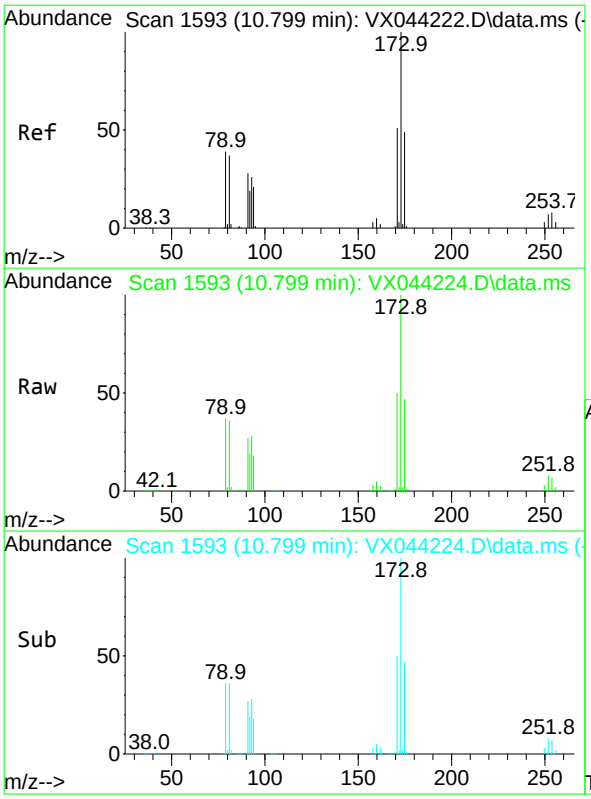


#70
Styrene
Concen: 160.228 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:104 Resp: 670887

Ion	Ratio	Lower	Upper
104	100		
78	54.2	44.6	67.0
103	55.9	45.4	68.0

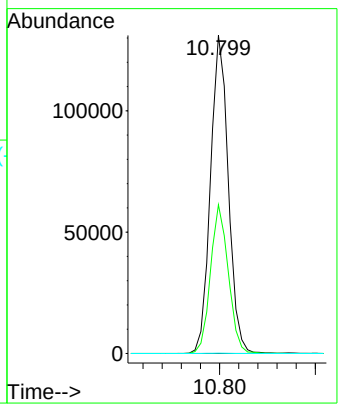




#71
Bromoform
Concen: 150.034 ug/l
RT: 10.799 min Scan# 15
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:173 Resp: 169450

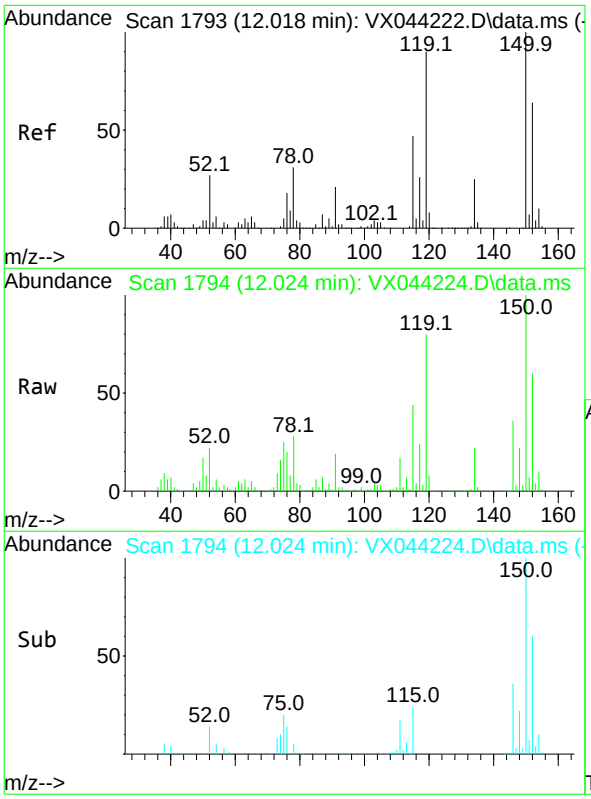
Ion	Ratio	Lower	Upper
173	100		
175	46.8	23.8	71.4
254	0.1	0.0	0.0#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

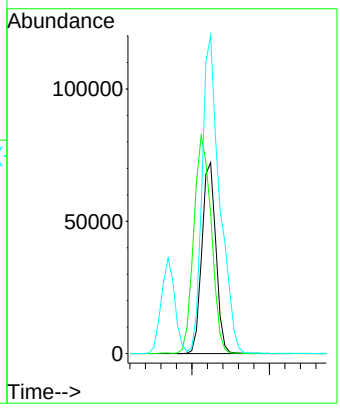
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

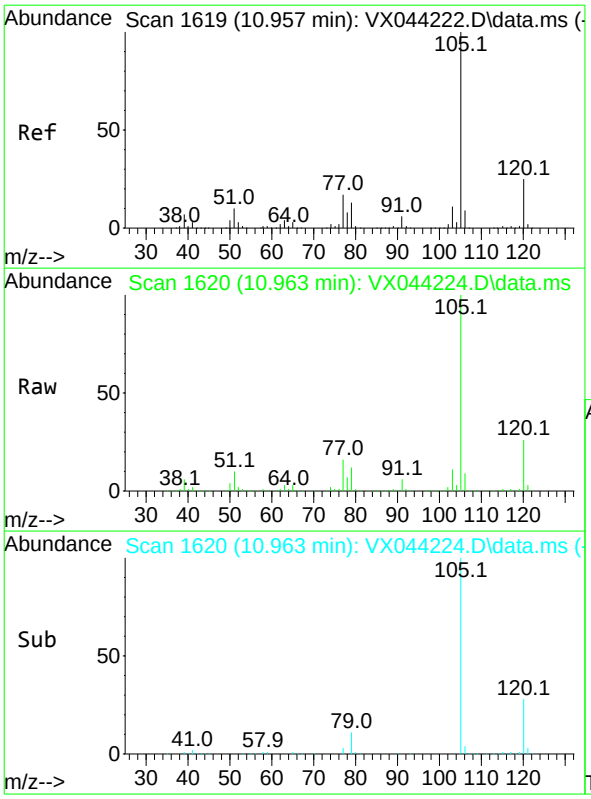


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:152 Resp: 90898

Ion	Ratio	Lower	Upper
152	100		
115	142.2	44.5	133.3#
150	208.8	0.0	353.8

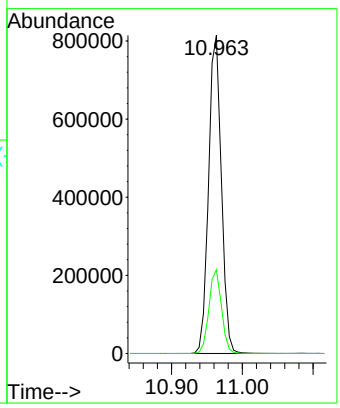




#73
Isopropylbenzene
Concen: 146.832 ug/l
RT: 10.963 min Scan# 16
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:105 Resp: 1021749

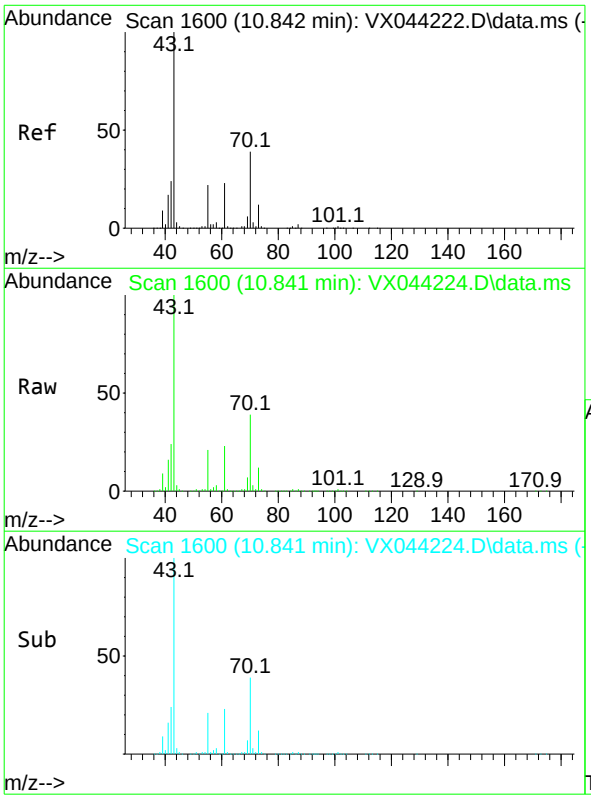
Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.1	39.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

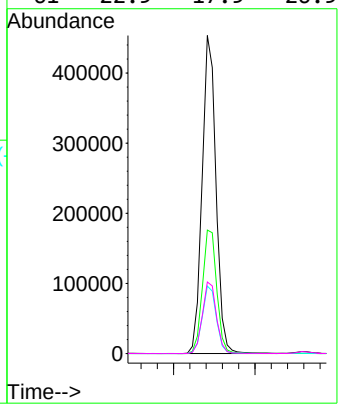
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

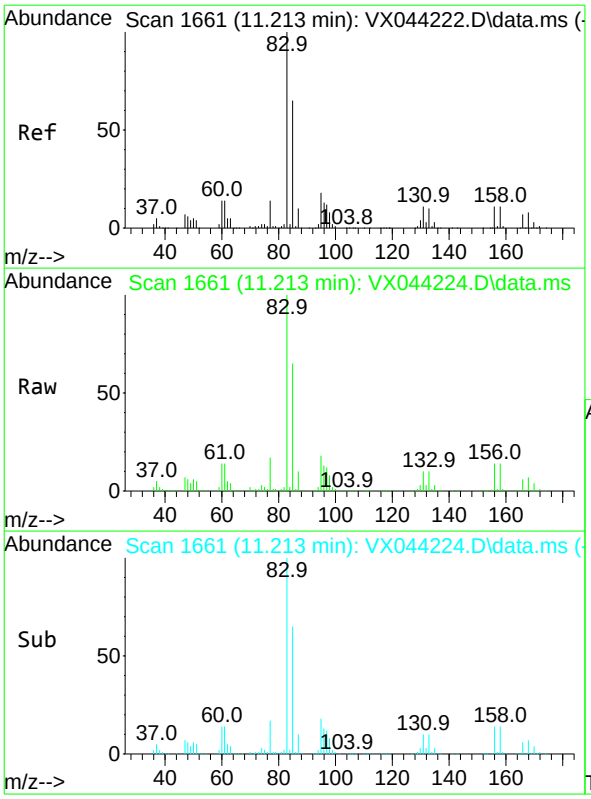


#74
N-amyl acetate
Concen: 166.823 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 43 Resp: 536496

Ion	Ratio	Lower	Upper
43	100		
70	40.3	31.9	47.9
55	21.6	17.9	26.9
61	22.9	17.9	26.9

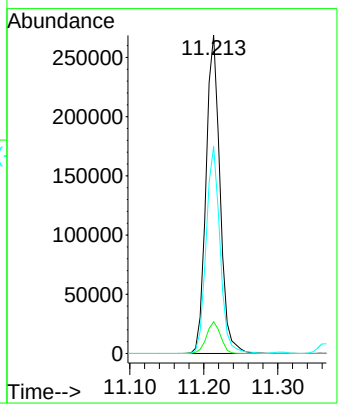




#75
1,1,2,2-Tetrachloroethane
Concen: 145.883 ug/l
RT: 11.213 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 83 Resp: 352591

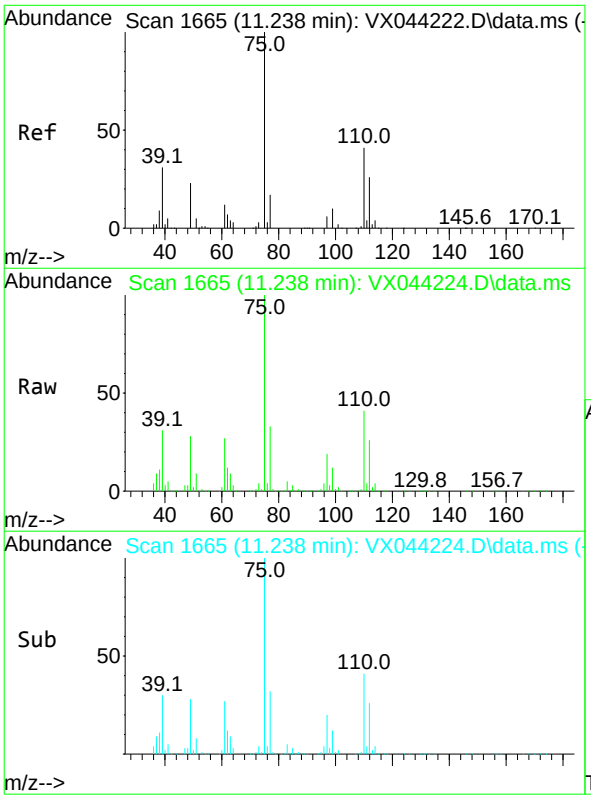
Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.1	15.4
85	64.4	32.5	97.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

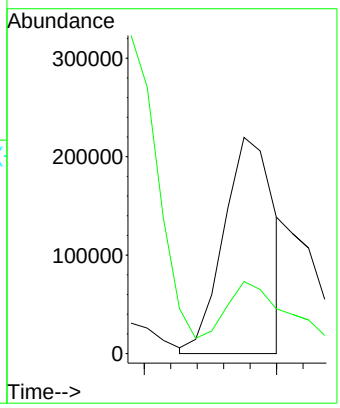
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

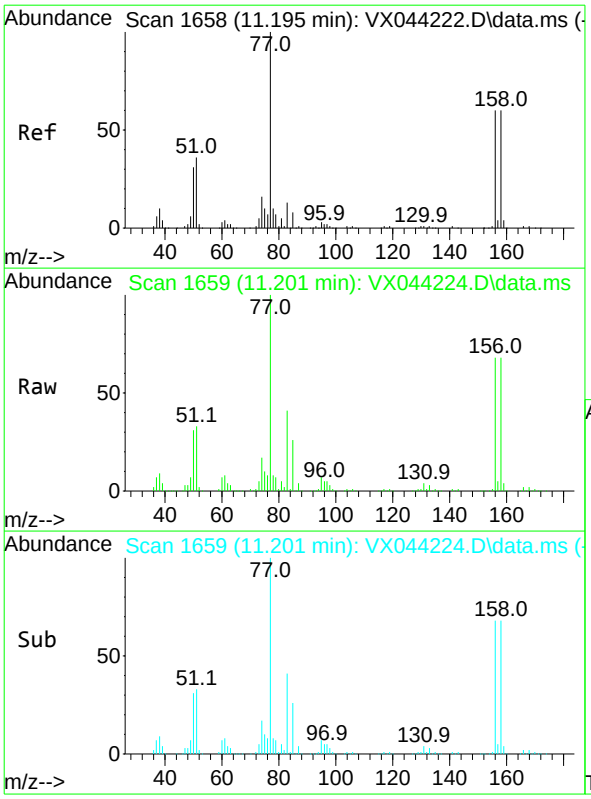


#76
1,2,3-Trichloropropane
Concen: 139.434 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 75 Resp: 287602

Ion	Ratio	Lower	Upper
75	100		
77	45.2	20.9	62.7

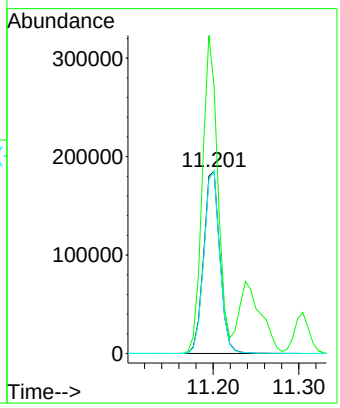




#77
Bromobenzene
Concen: 144.584 ug/l
RT: 11.201 min Scan# 16
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:156 Resp: 243975

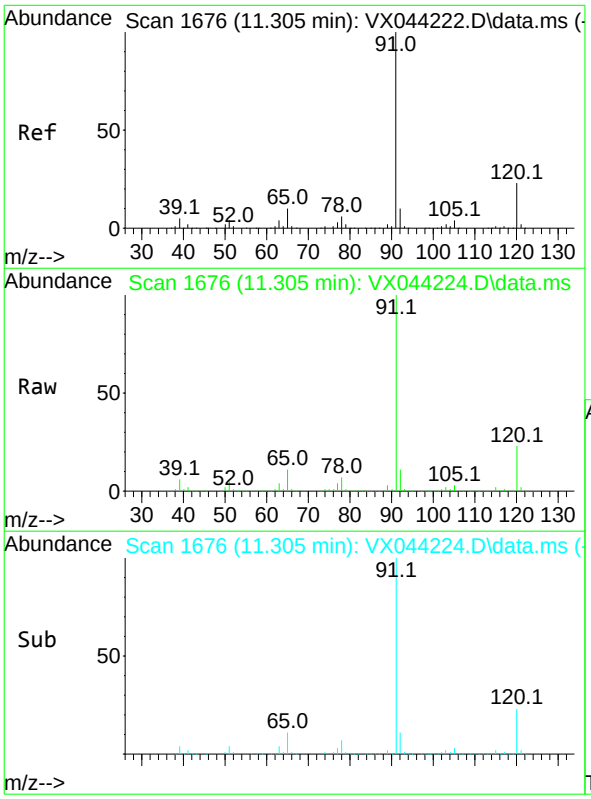
Ion	Ratio	Lower	Upper
156	100		
77	165.5	82.6	247.8
158	98.2	48.8	146.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

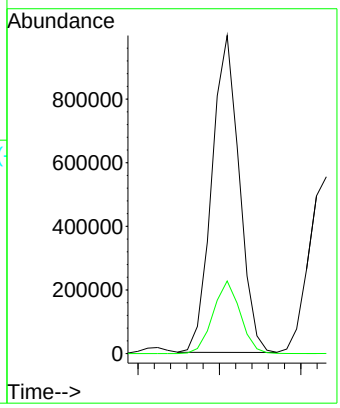
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

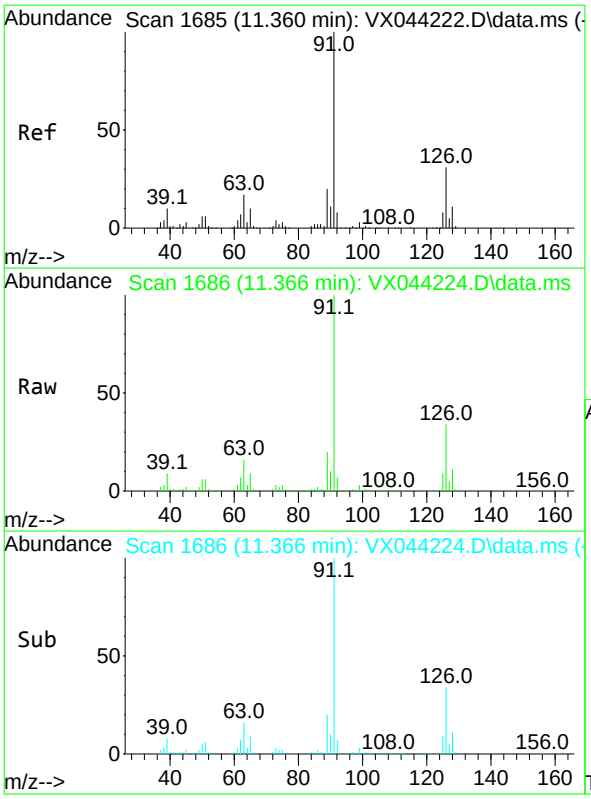


#78
n-propylbenzene
Concen: 151.637 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 91 Resp: 1166255

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.0	33.0

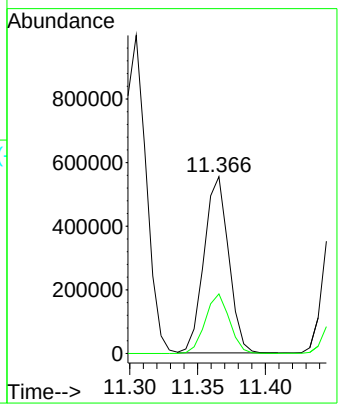




#79
2-Chlorotoluene
Concen: 140.866 ug/l
RT: 11.366 min Scan# 16
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 91 Resp: 700673

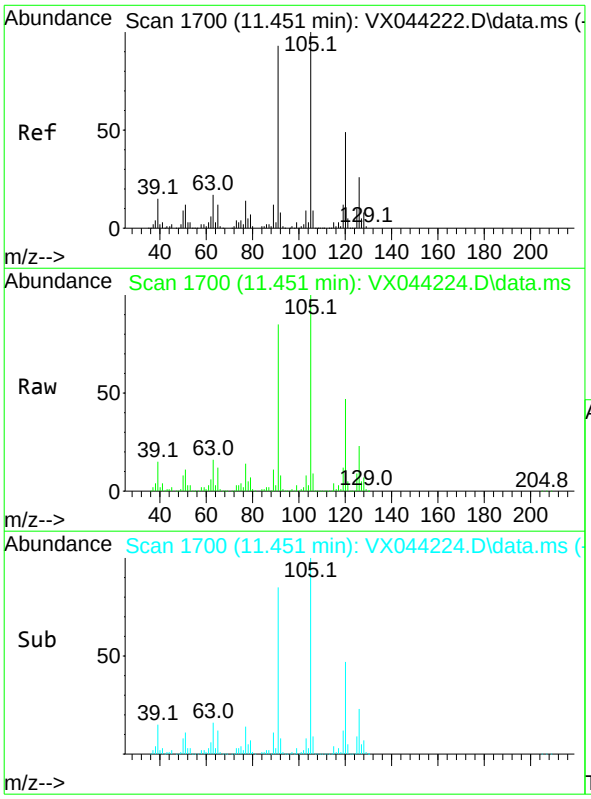
Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

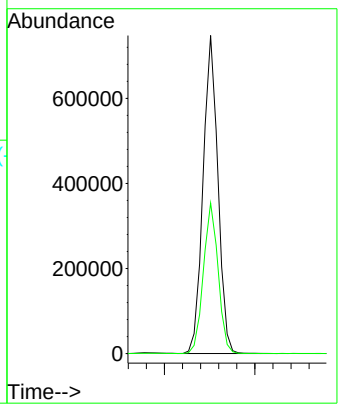
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

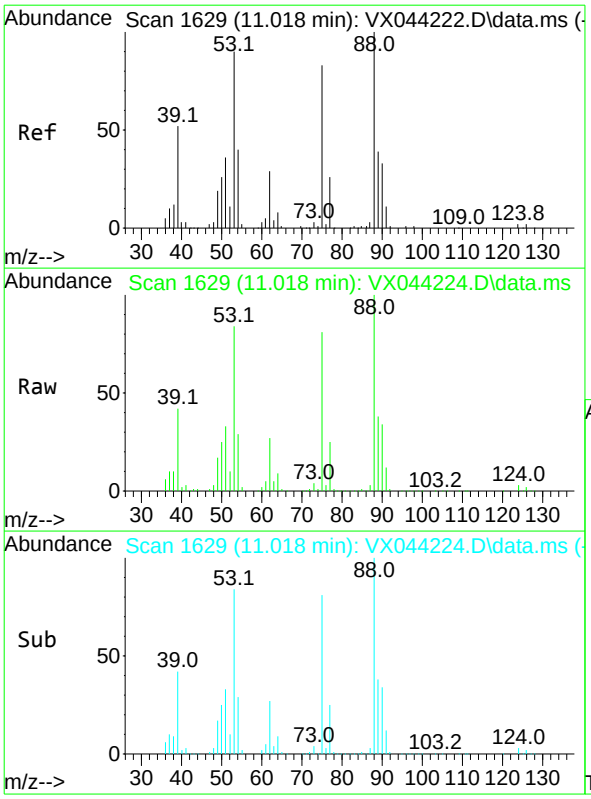


#80
1,3,5-Trimethylbenzene
Concen: 147.824 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:105 Resp: 853042

Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.8	71.4

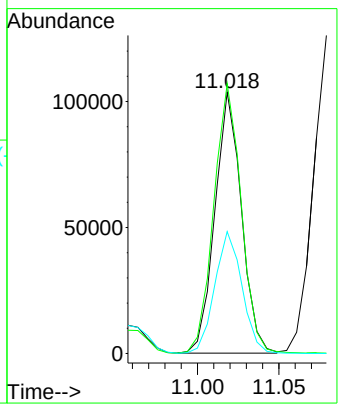




#81
trans-1,4-Dichloro-2-butene
Concen: 152.670 ug/l
RT: 11.018 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 75 Resp: 117263

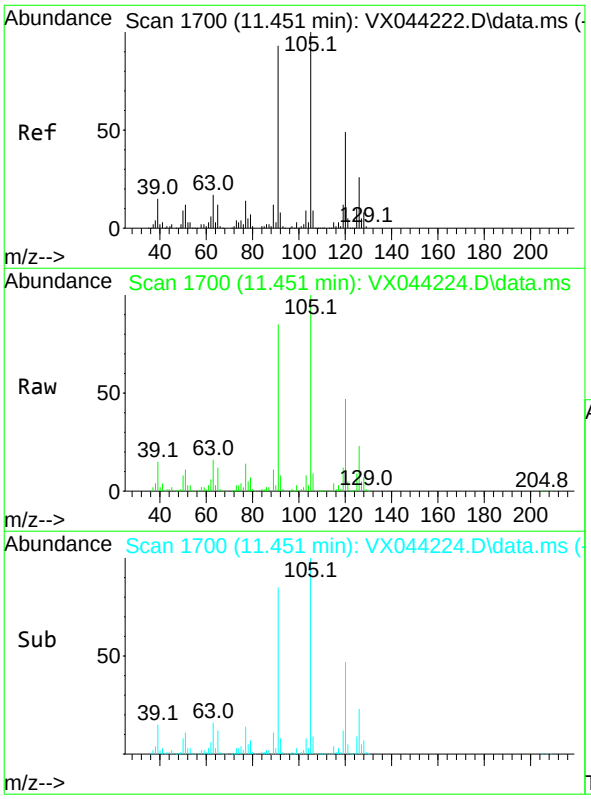
Ion	Ratio	Lower	Upper
75	100		
53	107.3	93.6	140.4
89	48.2	37.3	55.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

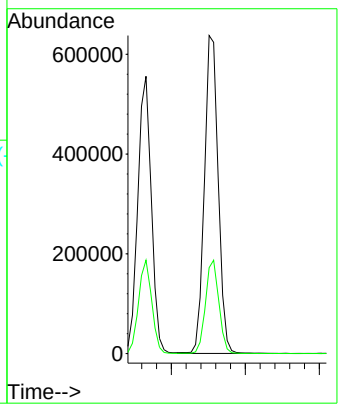
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

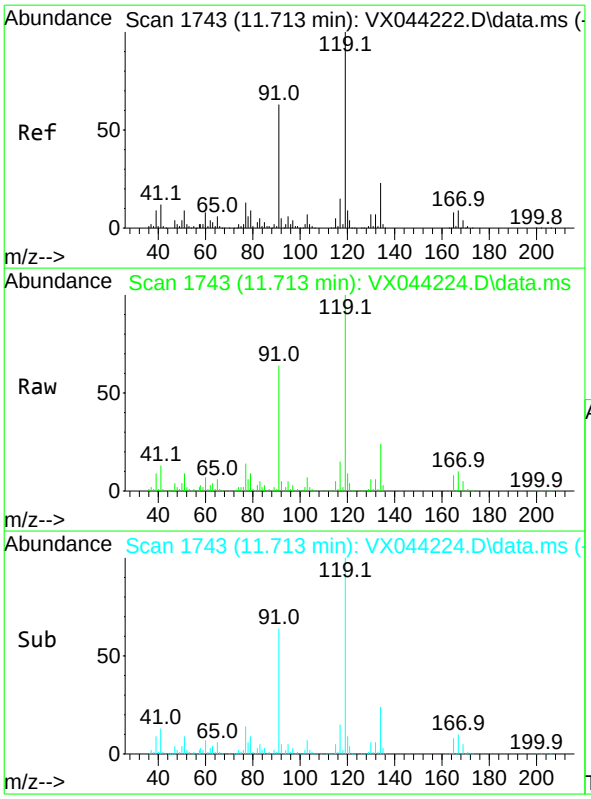


#82
4-Chlorotoluene
Concen: 149.831 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 91 Resp: 825278

Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.5	43.5

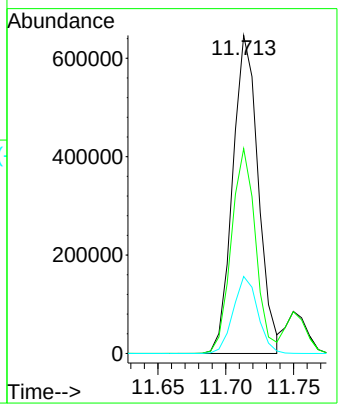




#83
tert-Butylbenzene
Concen: 148.495 ug/l
RT: 11.713 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:119 Resp: 846864

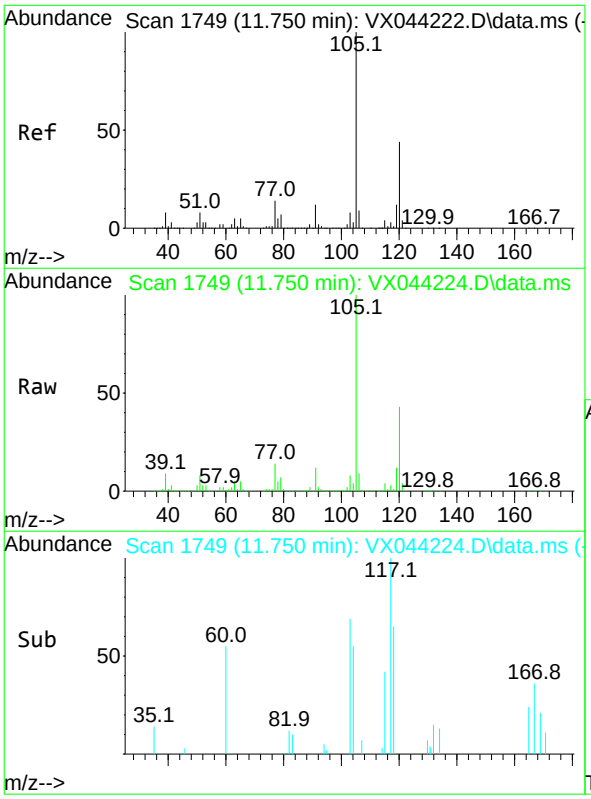
Ion	Ratio	Lower	Upper
119	100		
91	61.3	30.9	92.5
134	23.3	11.5	34.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

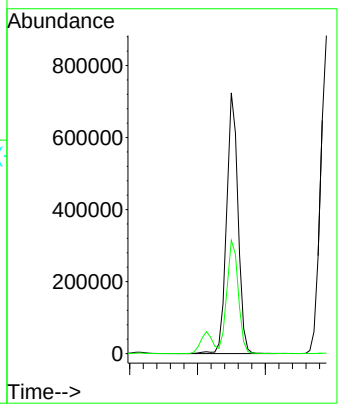
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

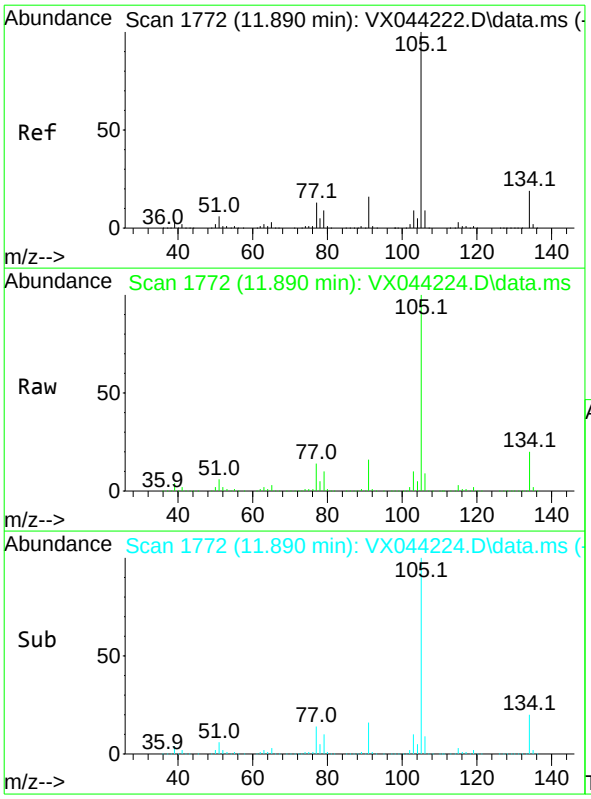


#84
1,2,4-Trimethylbenzene
Concen: 149.414 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:105 Resp: 846771

Ion	Ratio	Lower	Upper
105	100		
120	43.2	21.7	65.1

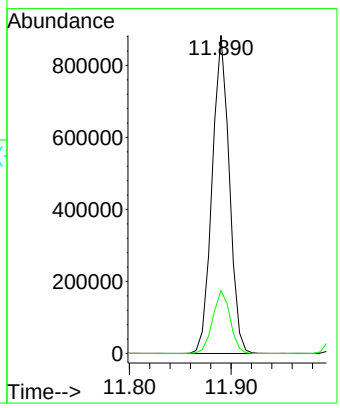




#85
sec-Butylbenzene
Concen: 149.409 ug/l
RT: 11.890 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:105 Resp: 1034419

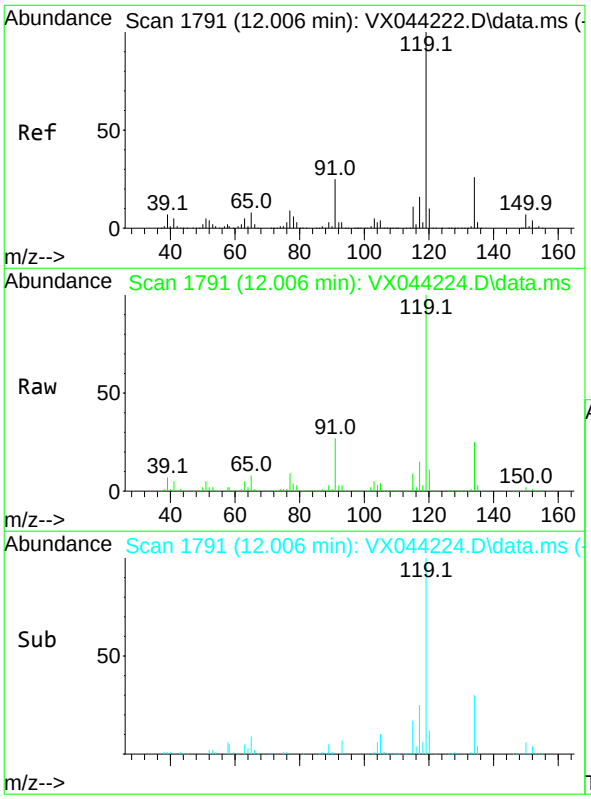
Ion	Ratio	Lower	Upper
105	100		
134	20.1	9.8	29.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

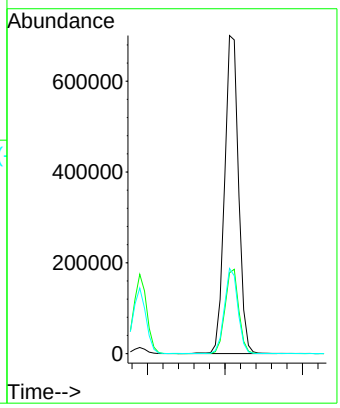
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

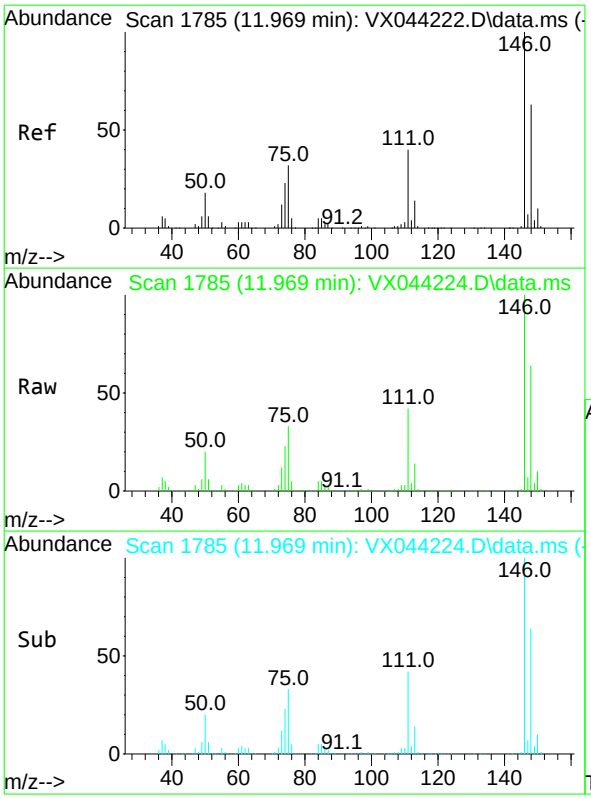


#86
p-Isopropyltoluene
Concen: 151.944 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:119 Resp: 875562

Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.8	38.4
91	25.7	13.0	39.0

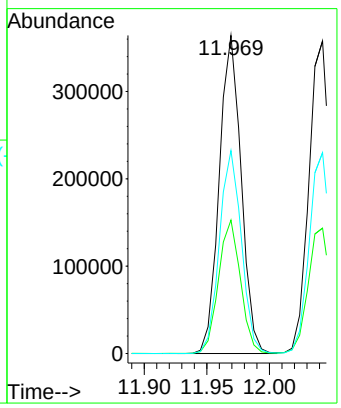




#87
1,3-Dichlorobenzene
Concen: 150.575 ug/l
RT: 11.969 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:146 Resp: 443826

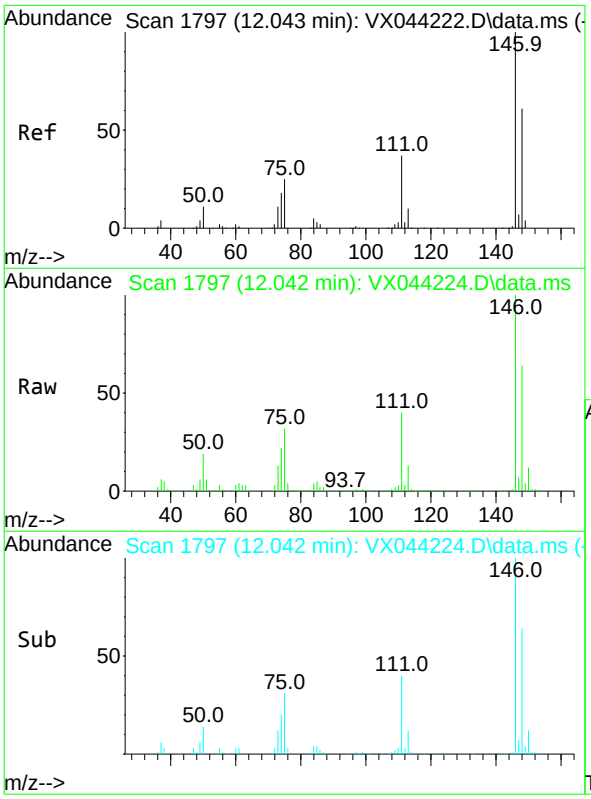
Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.4	64.2
148	64.0	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

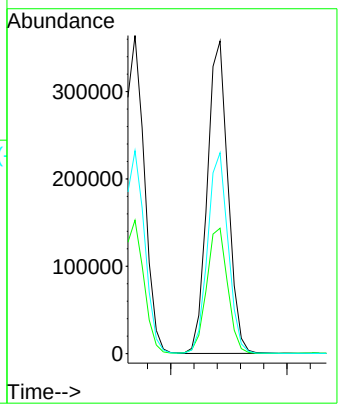
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

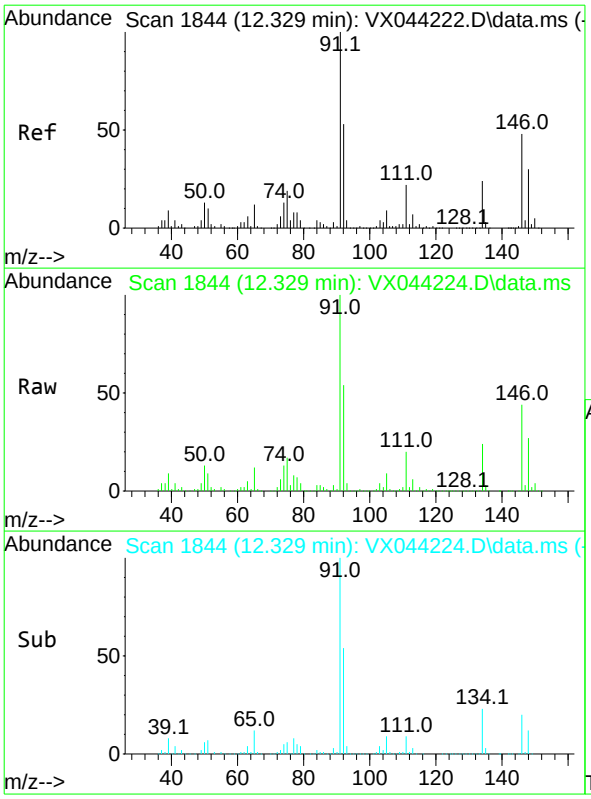


#88
1,4-Dichlorobenzene
Concen: 146.058 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:146 Resp: 442556

Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.0	63.0
148	63.7	32.3	96.8

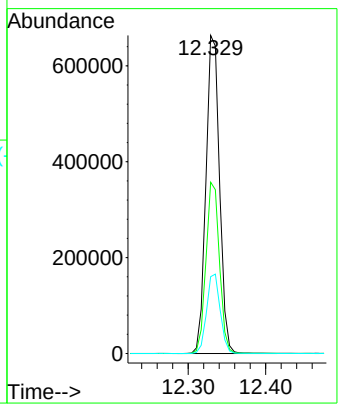




#89
n-Butylbenzene
Concen: 166.836 ug/l
RT: 12.329 min Scan# 18
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 91 Resp: 808399

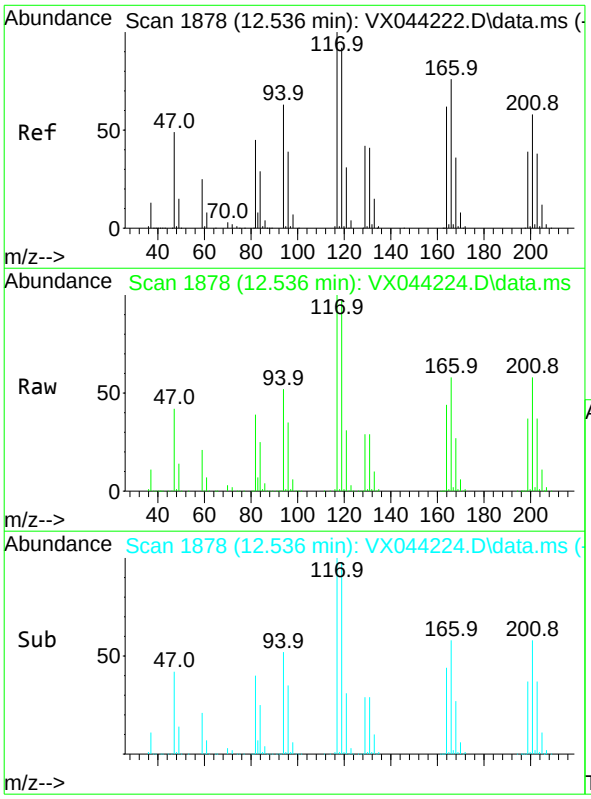
Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.6	79.7
134	25.0	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

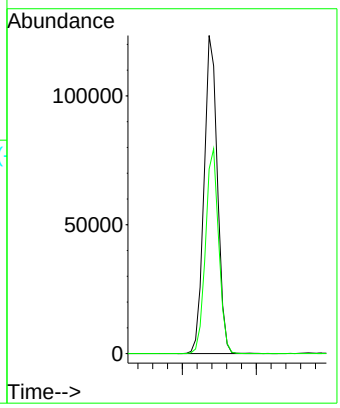
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

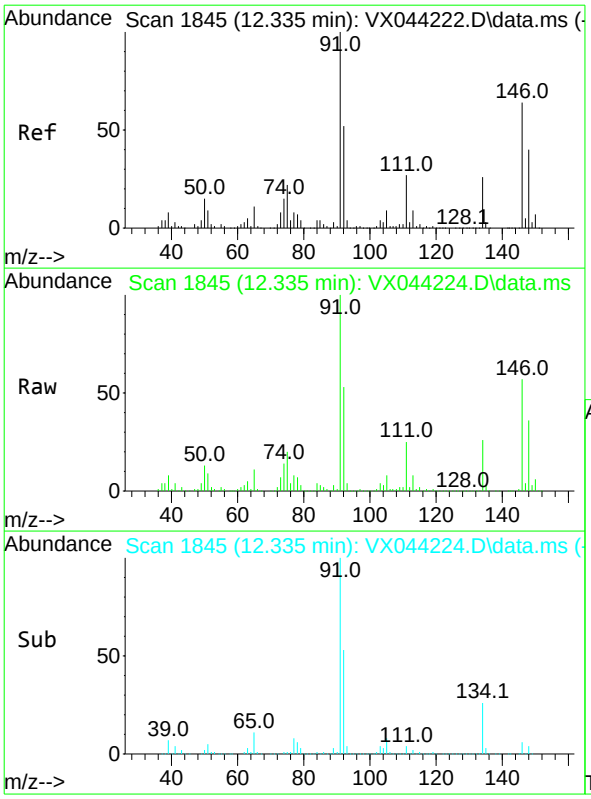


#90
Hexachloroethane
Concen: 183.942 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:117 Resp: 154726

Ion	Ratio	Lower	Upper
117	100		
201	63.5	31.4	94.2

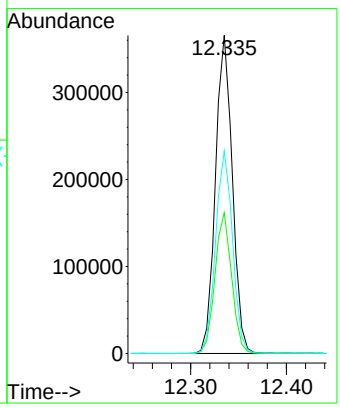




#91
1,2-Dichlorobenzene
Concen: 146.357 ug/l
RT: 12.335 min Scan# 18
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:146 Resp: 447931

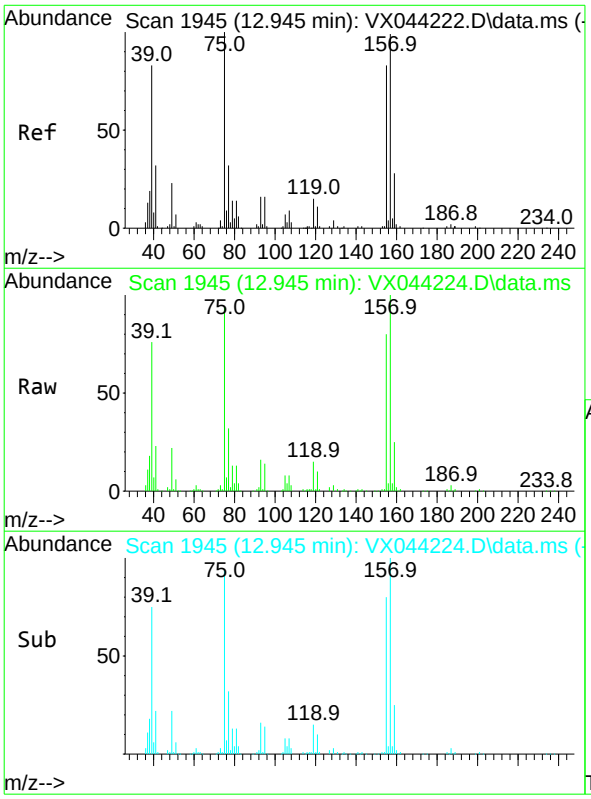
Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.4	64.3
148	64.2	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

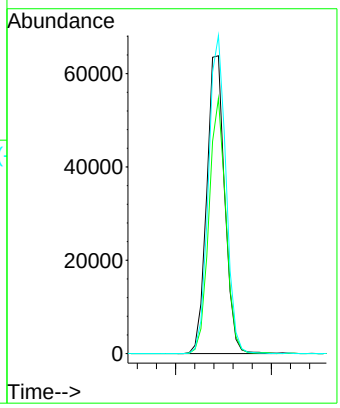
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

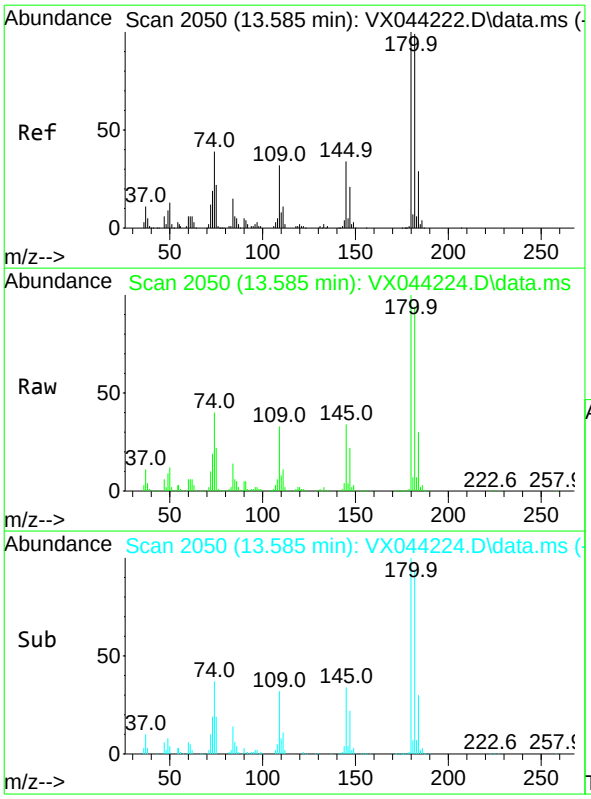


#92
1,2-Dibromo-3-Chloropropane
Concen: 178.106 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 75 Resp: 83565

Ion	Ratio	Lower	Upper
75	100		
155	79.8	38.1	114.3
157	103.3	47.2	141.6

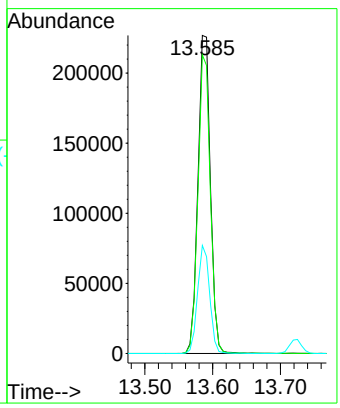




#93
1,2,4-Trichlorobenzene
Concen: 171.952 ug/l
RT: 13.585 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:180 Resp: 288519

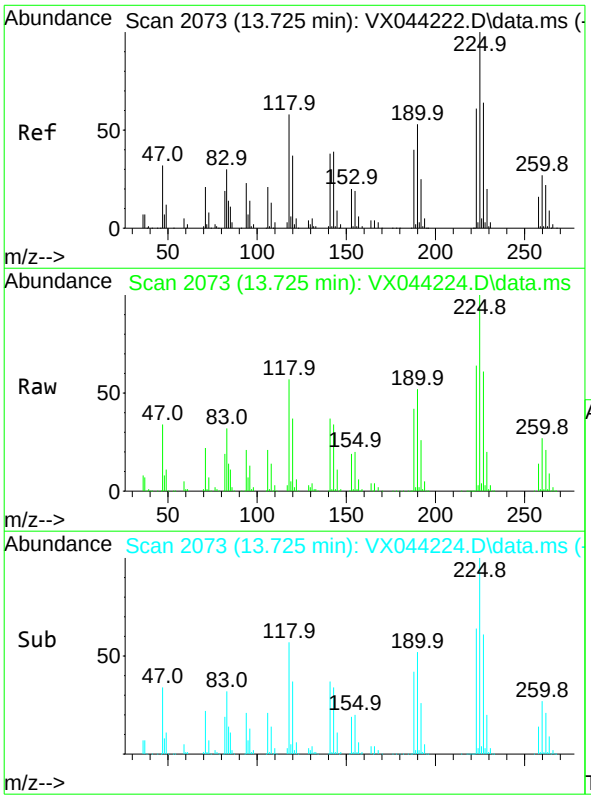
Ion	Ratio	Lower	Upper
180	100		
182	93.3	48.0	144.2
145	33.0	16.6	49.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

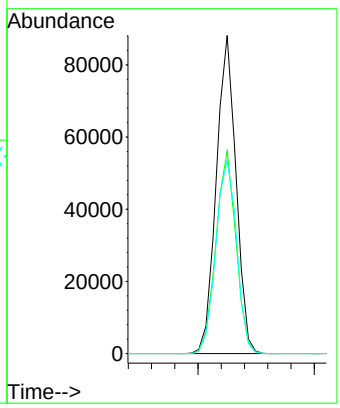
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

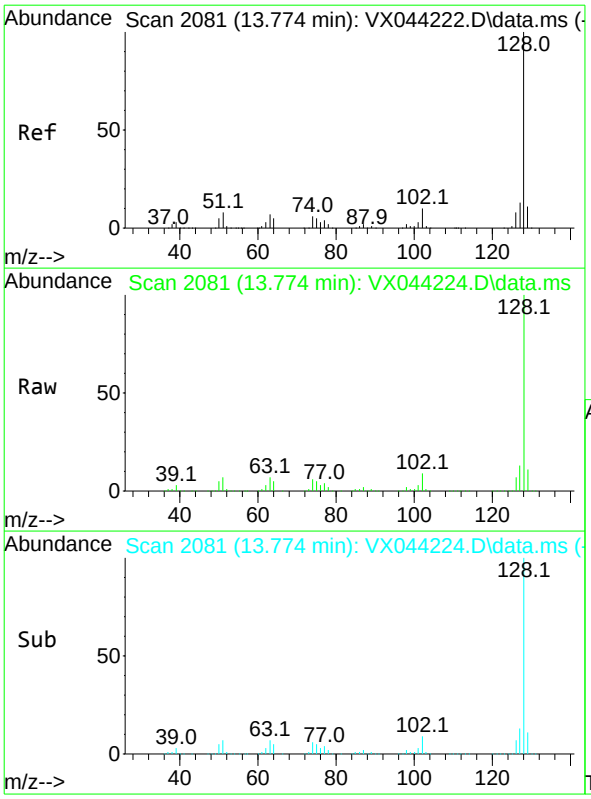


#94
Hexachlorobutadiene
Concen: 154.036 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:225 Resp: 103961

Ion	Ratio	Lower	Upper
225	100		
223	64.7	30.8	92.4
227	64.0	32.1	96.3

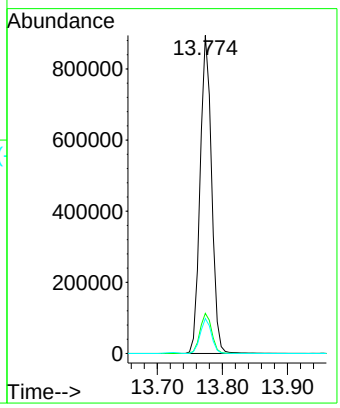




#95
Naphthalene
Concen: 167.187 ug/l
RT: 13.774 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:128 Resp: 1094997

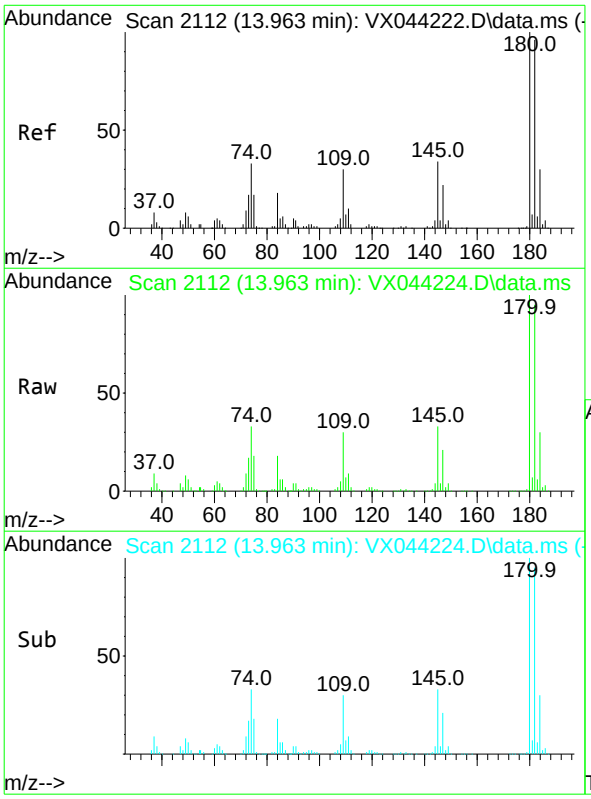
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.8	9.0	13.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

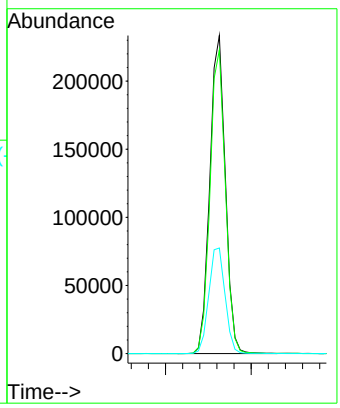
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#96
1,2,3-Trichlorobenzene
Concen: 165.064 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:180 Resp: 293760

Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.0	144.0
145	34.9	17.7	53.1



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044226.D
Acq On : 11 Dec 2024 13:51
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 12 04:32:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	134203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	237295	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	107407	45.646	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 91.300%			
35) Dibromofluoromethane	5.379	113	77619	47.228	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.460%			
50) Toluene-d8	8.647	98	271508	48.968	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.940%			
62) 4-Bromofluorobenzene	11.079	95	97061	50.098	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	104566	50.390	ug/l	98
3) Chloromethane	1.294	50	92633	46.681	ug/l	98
4) Vinyl Chloride	1.374	62	97702	47.260	ug/l	97
5) Bromomethane	1.593	94	67357	45.926	ug/l	99
6) Chloroethane	1.666	64	62821	48.801	ug/l	100
7) Trichlorofluoromethane	1.867	101	203619	50.311	ug/l	99
8) Diethyl Ether	2.136	74	63075	45.658	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.312	101	82498	50.374	ug/l	99
10) Methyl Iodide	2.441	142	100043	46.349	ug/l	100
11) Tert butyl alcohol	3.001	59	77494	233.680	ug/l	100
12) 1,1-Dichloroethene	2.306	96	74177	49.311	ug/l	99
13) Acrolein	2.233	56	111927	233.162	ug/l	97
14) Allyl chloride	2.654	41	124635	49.744	ug/l	100
15) Acrylonitrile	3.068	53	221037	240.620	ug/l	100
16) Acetone	2.386	43	260267	271.312	ug/l	98
17) Carbon Disulfide	2.501	76	149824	52.397	ug/l	98
18) Methyl Acetate	2.709	43	115569	46.725	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	281413	47.940	ug/l	99
20) Methylene Chloride	2.782	84	83188	46.170	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	77471	48.459	ug/l	98
22) Diisopropyl ether	3.763	45	264732	46.922	ug/l	98
23) Vinyl Acetate	3.721	43	1185779	258.510	ug/l	99
24) 1,1-Dichloroethane	3.605	63	151134	48.056	ug/l	98
25) 2-Butanone	4.562	43	346052	253.747	ug/l	100
26) 2,2-Dichloropropane	4.465	77	140196	54.872	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	94838	46.709	ug/l	99
28) Bromochloromethane	4.891	49	69139	44.832	ug/l	99
29) Tetrahydrofuran	5.007	42	208362	238.031	ug/l	98
30) Chloroform	5.092	83	163372	46.235	ug/l	94
31) Cyclohexane	5.458	56	125567	49.443	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	146348	49.895	ug/l	99
36) 1,1-Dichloropropene	5.684	75	106889	50.314	ug/l	98
37) Ethyl Acetate	4.721	43	137017	52.176	ug/l	99
38) Carbon Tetrachloride	5.672	117	118390	51.763	ug/l	97
39) Methylcyclohexane	7.373	83	139077	54.761	ug/l	99
40) Benzene	6.031	78	316391	49.052	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044226.D
Acq On : 11 Dec 2024 13:51
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 12 04:32:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.922	41	68251	48.945 ug/l		98
42) 1,2-Dichloroethane	6.086	62	132744	49.960 ug/l		100
43) Isopropyl Acetate	6.342	43	211889	51.624 ug/l		100
44) Trichloroethene	7.123	130	80008	49.741 ug/l		98
45) 1,2-Dichloropropane	7.427	63	78321	47.528 ug/l		98
46) Dibromomethane	7.574	93	65491	51.227 ug/l		99
47) Bromodichloromethane	7.818	83	116783	52.893 ug/l		99
48) Methyl methacrylate	7.690	41	101318	50.852 ug/l		98
49) 1,4-Dioxane	7.665	88	30522m	923.966 ug/l		
51) 4-Methyl-2-Pentanone	8.574	43	673069	255.038 ug/l		99
52) Toluene	8.714	92	199281	49.199 ug/l		99
53) t-1,3-Dichloropropene	8.976	75	120696	50.864 ug/l		95
54) cis-1,3-Dichloropropene	8.366	75	128875	53.607 ug/l		96
55) 1,1,2-Trichloroethane	9.153	97	81362	50.562 ug/l		96
56) Ethyl methacrylate	9.116	69	134357	52.890 ug/l		98
57) 1,3-Dichloropropane	9.305	76	137705	49.165 ug/l		98
58) 2-Chloroethyl Vinyl ether	8.238	63	332599	259.586 ug/l		100
59) 2-Hexanone	9.433	43	519476	271.943 ug/l		99
60) Dibromochloromethane	9.518	129	83515	49.073 ug/l		99
61) 1,2-Dibromoethane	9.610	107	85024	51.909 ug/l		97
64) Tetrachloroethene	9.269	164	66669	47.702 ug/l		98
65) Chlorobenzene	10.079	112	217180	48.133 ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.159	131	74531	51.396 ug/l		100
67) Ethyl Benzene	10.189	91	385605	49.461 ug/l		99
68) m/p-Xylenes	10.299	106	285774	99.896 ug/l		99
69) o-Xylene	10.640	106	144001	49.750 ug/l		98
70) Styrene	10.652	104	239508	51.617 ug/l		98
71) Bromoform	10.799	173	50972	50.269 ug/l	#	99
73) Isopropylbenzene	10.963	105	374769	49.014 ug/l		99
74) N-amyl acetate	10.841	43	183763	52.003 ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	126615	47.676 ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	103796m	46.544 ug/l		
77) Bromobenzene	11.195	156	87767	47.335 ug/l		99
78) n-propylbenzene	11.305	91	429443	50.816 ug/l		99
79) 2-Chlorotoluene	11.366	91	259860	47.546 ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	313435	49.431 ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	37038	47.861 ug/l		97
82) 4-Chlorotoluene	11.451	91	297641	49.178 ug/l		100
83) tert-Butylbenzene	11.713	119	309463	49.384 ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	313433	50.333 ug/l		100
85) sec-Butylbenzene	11.890	105	381109	50.097 ug/l		100
86) p-Isopropyltoluene	12.006	119	320882	50.678 ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	159094	49.122 ug/l		98
88) 1,4-Dichlorobenzene	12.042	146	160742	48.280 ug/l		99
89) n-Butylbenzene	12.329	91	283284	53.207 ug/l		99
90) Hexachloroethane	12.536	117	48734	52.727 ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	160039	47.589 ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26738	51.864 ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	99449	53.940 ug/l		98
94) Hexachlorobutadiene	13.725	225	37651	50.770 ug/l		98
95) Naphthalene	13.774	128	365781	50.827 ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	100209	51.244 ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044226.D
Acq On : 11 Dec 2024 13:51
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

Quant Time: Dec 12 04:32:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

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

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

ICAL Form

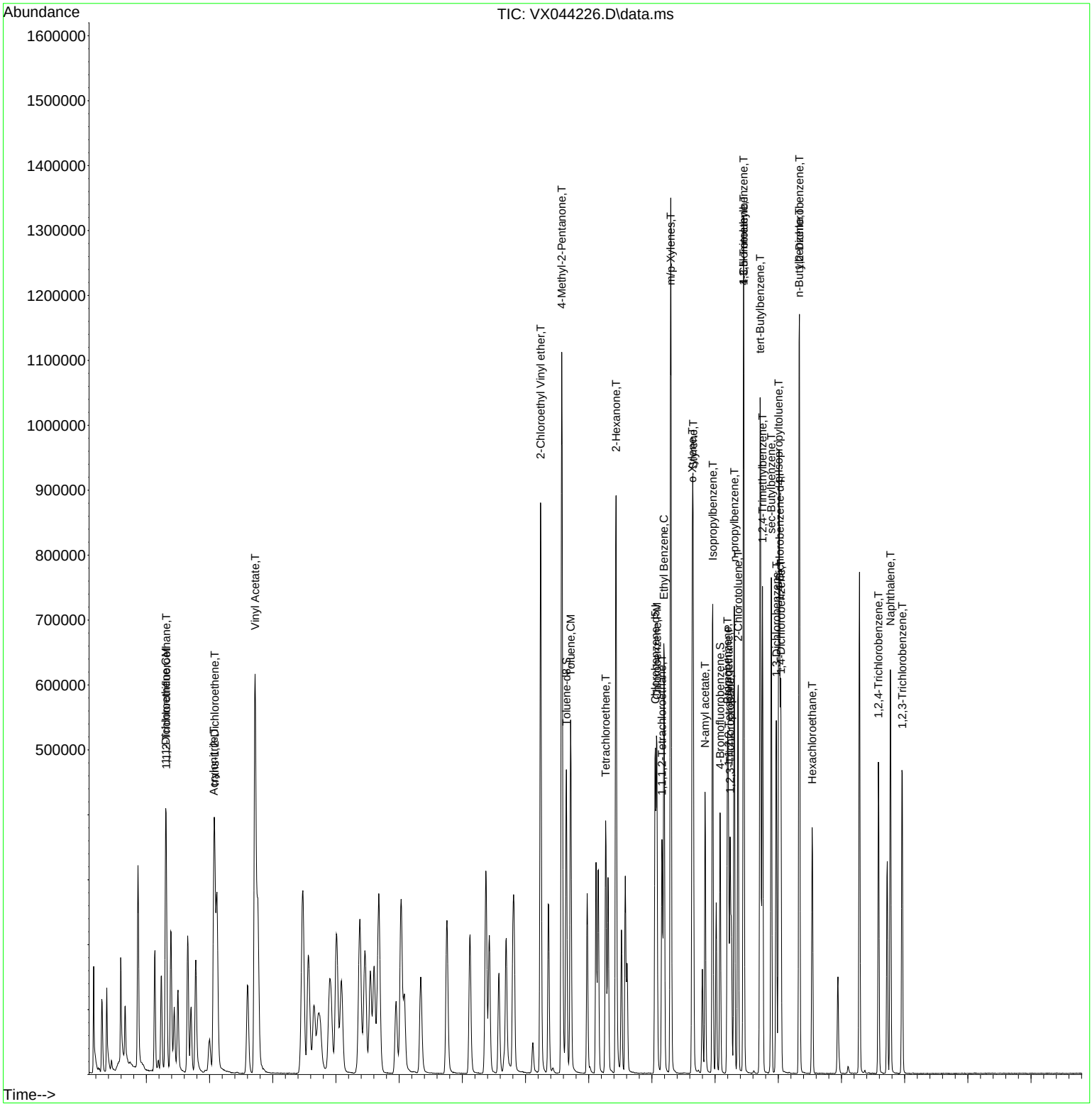
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044226.D
Acq On : 11 Dec 2024 13:51
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

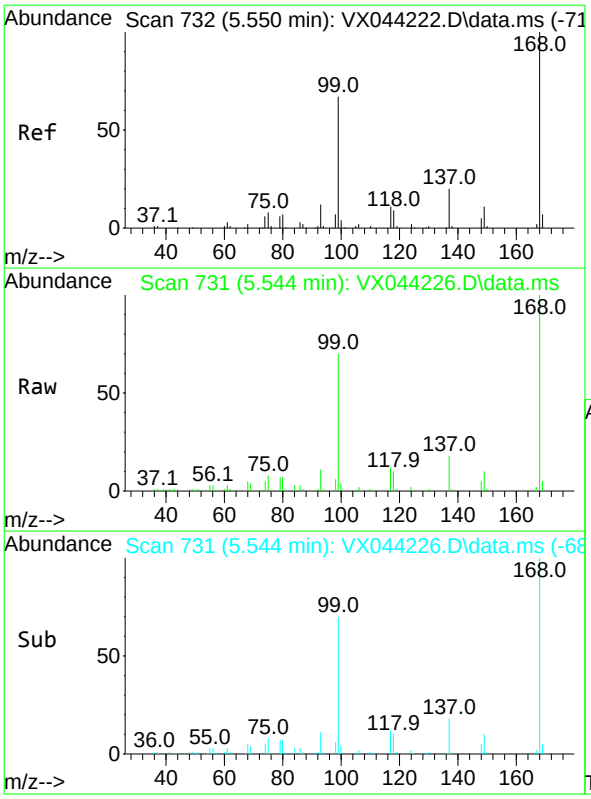
Quant Time: Dec 12 04:32:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

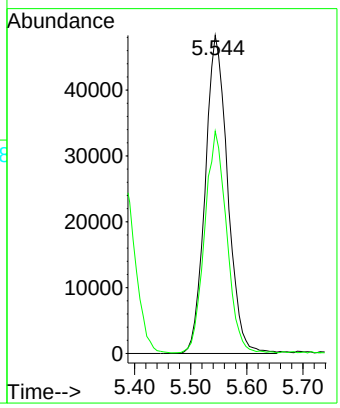




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:168 Resp: 134203

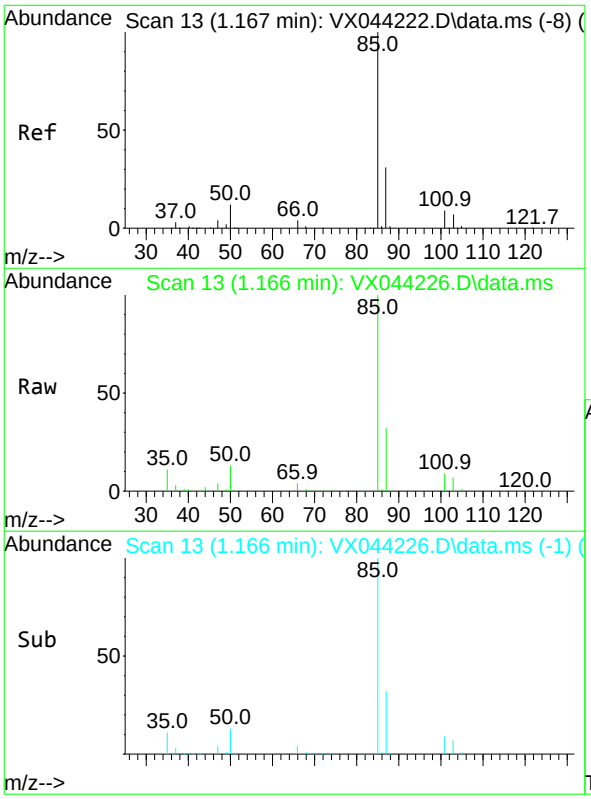
Ion	Ratio	Lower	Upper
168	100		
99	69.7	53.4	80.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

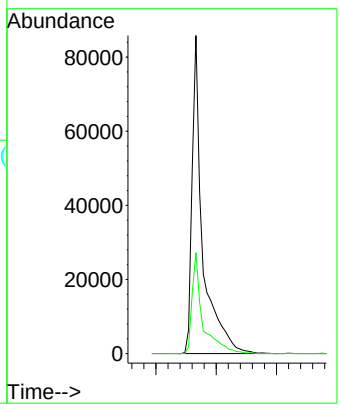
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

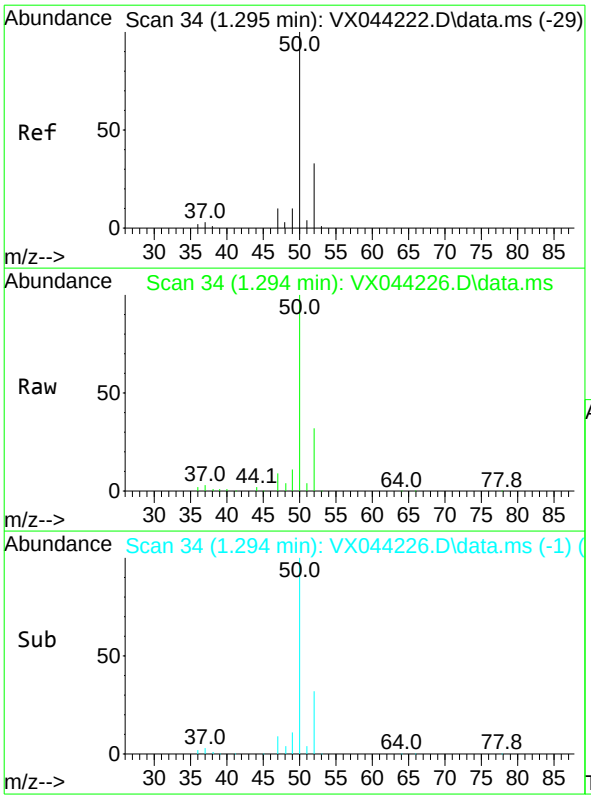


#2
Dichlorodifluoromethane
Concen: 50.390 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 85 Resp: 104566

Ion	Ratio	Lower	Upper
85	100		
87	31.7	15.4	46.4

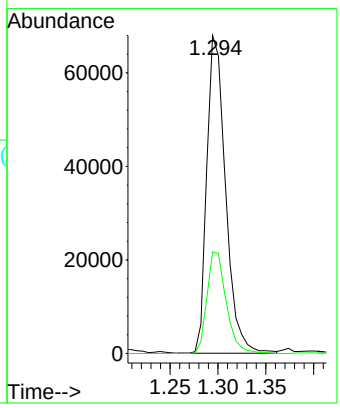




#3
Chloromethane
Concen: 46.681 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 50 Resp: 92633

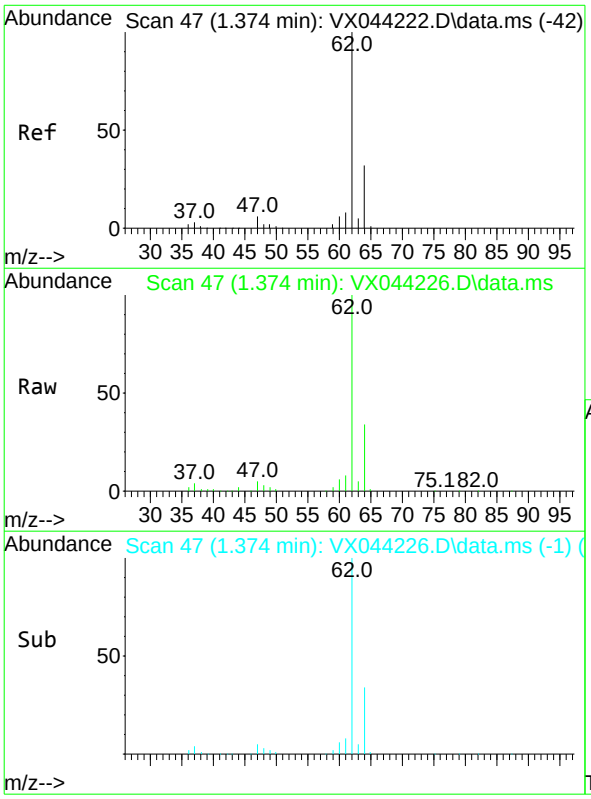
Ion	Ratio	Lower	Upper
50	100		
52	32.0	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

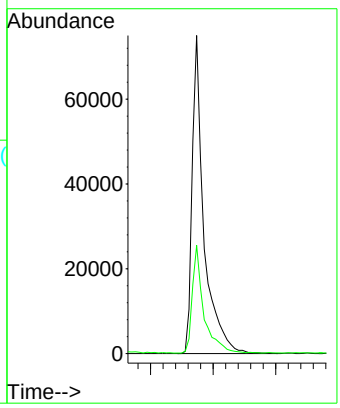
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

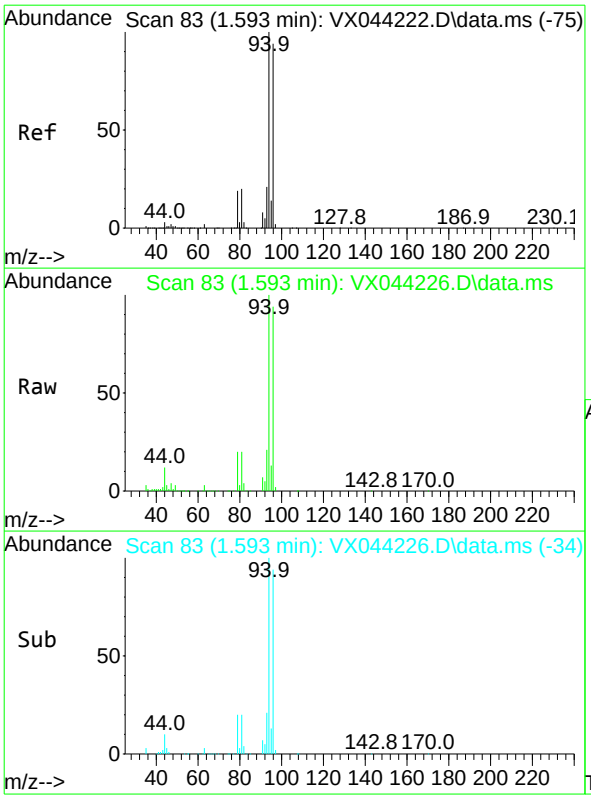


#4
Vinyl Chloride
Concen: 47.260 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 62 Resp: 97702

Ion	Ratio	Lower	Upper
62	100		
64	33.9	25.7	38.5

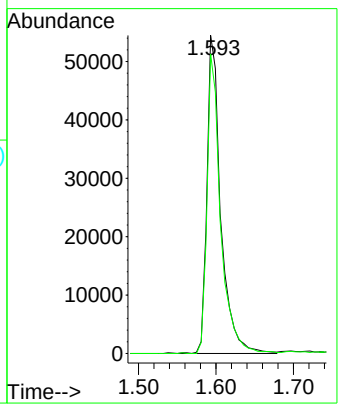




#5
Bromomethane
Concen: 45.926 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 94 Resp: 67357

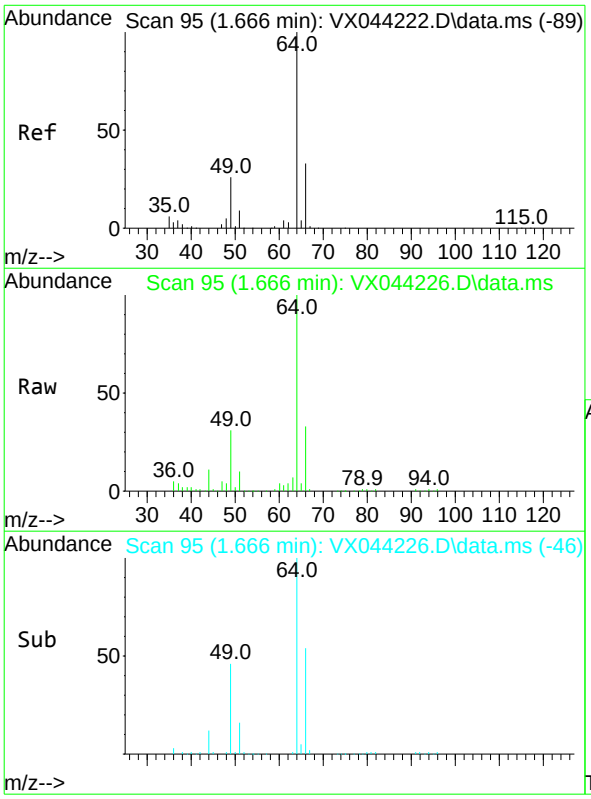
Ion	Ratio	Lower	Upper
94	100		
96	94.2	74.9	112.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

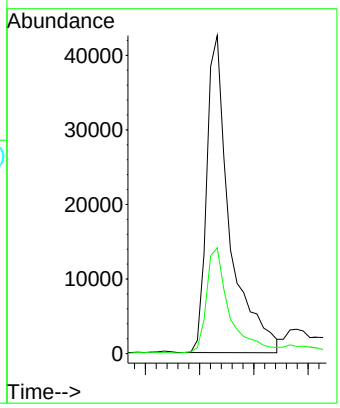
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

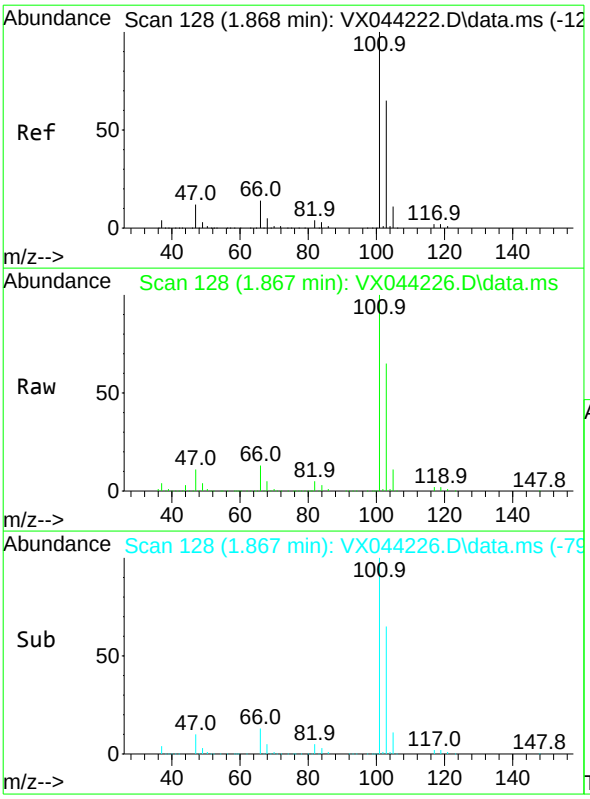


#6
Chloroethane
Concen: 48.801 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 64 Resp: 62821

Ion	Ratio	Lower	Upper
64	100		
66	33.2	26.6	39.8

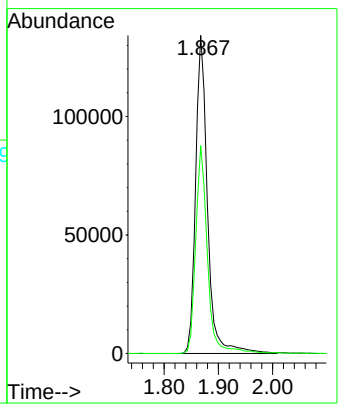




#7
Trichlorofluoromethane
Concen: 50.311 ug/l
RT: 1.867 min Scan# 12
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:101 Resp: 203619

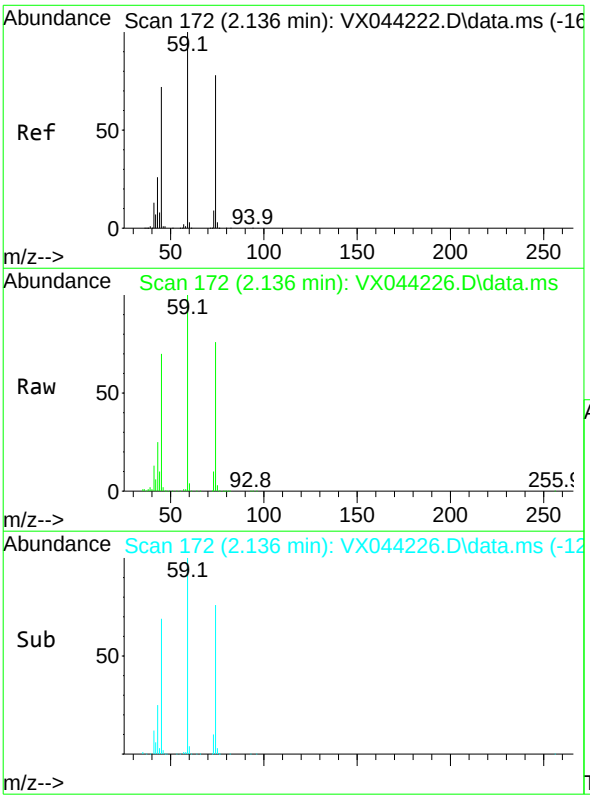
Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.8	77.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

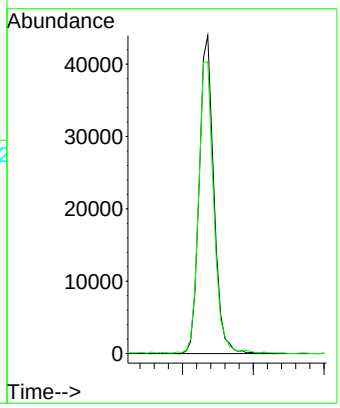
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

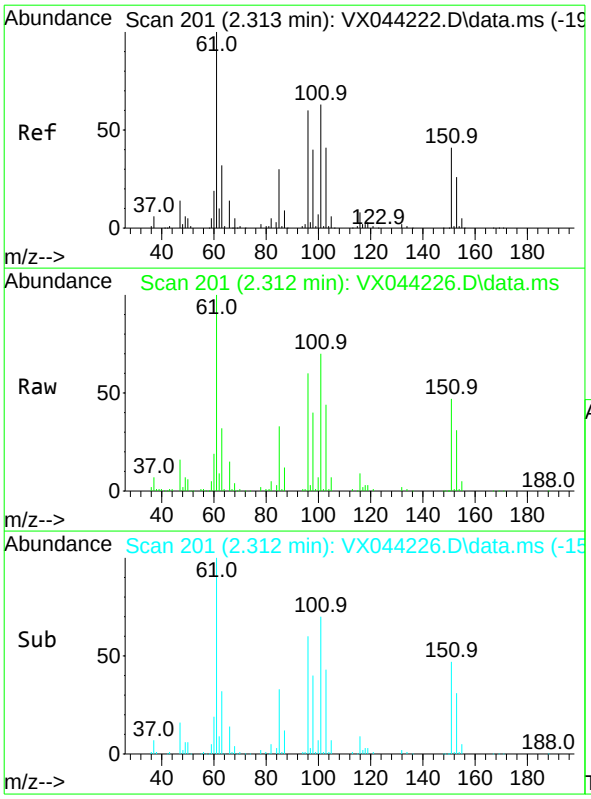


#8
Diethyl Ether
Concen: 45.658 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 74 Resp: 63075

Ion	Ratio	Lower	Upper
74	100		
45	94.4	48.4	145.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.374 ug/l
RT: 2.312 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

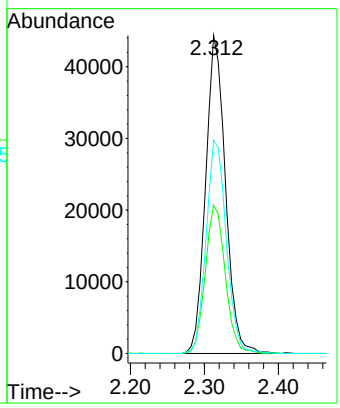
Tgt Ion:101 Resp: 82498

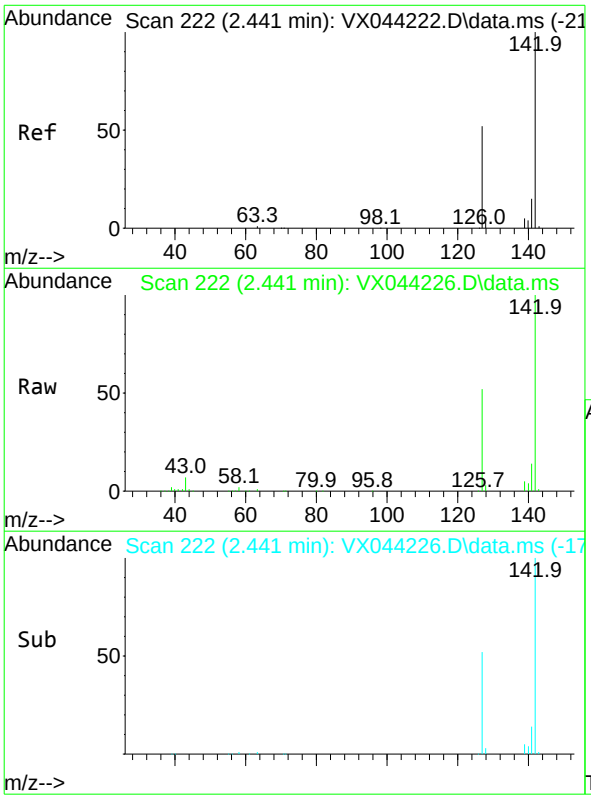
Ion	Ratio	Lower	Upper
101	100		
85	47.1	38.5	57.7
151	68.6	55.8	83.6

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

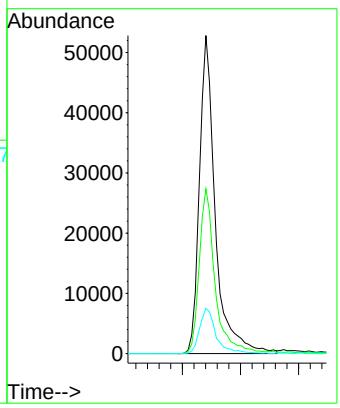


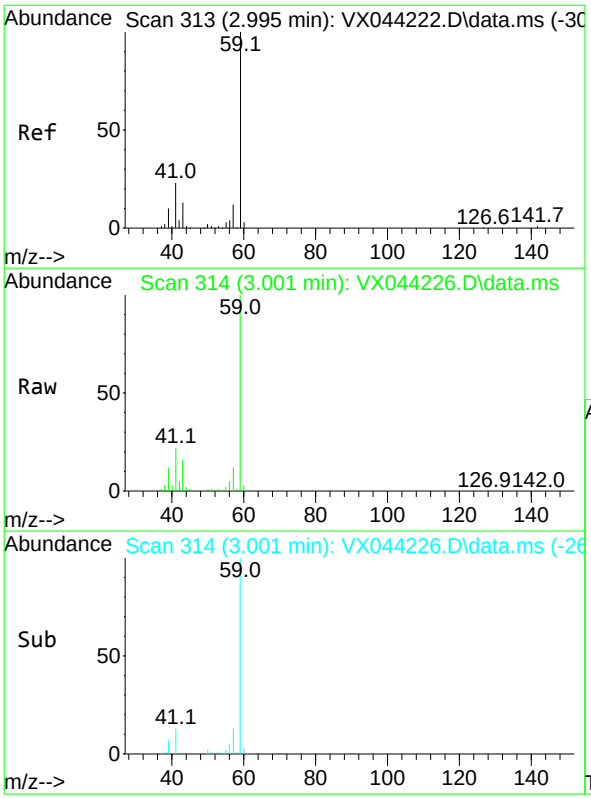


#10
Methyl Iodide
Concen: 46.349 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:142 Resp: 100043

Ion	Ratio	Lower	Upper
142	100		
127	52.3	41.8	62.8
141	14.8	11.5	17.3

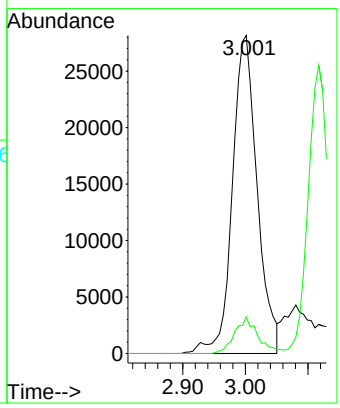




#11
Tert butyl alcohol
Concen: 233.680 ug/l
RT: 3.001 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 59 Resp: 77494

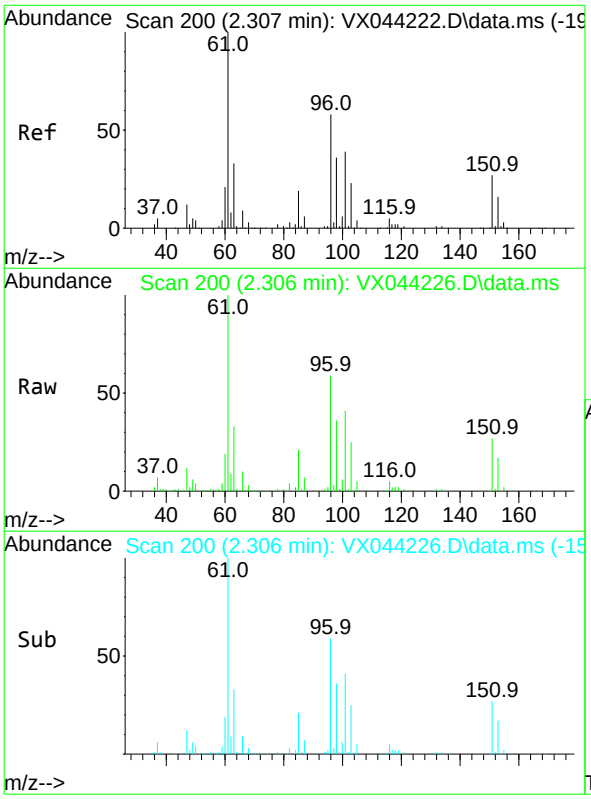
Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

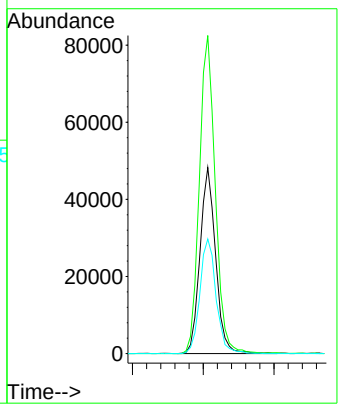
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

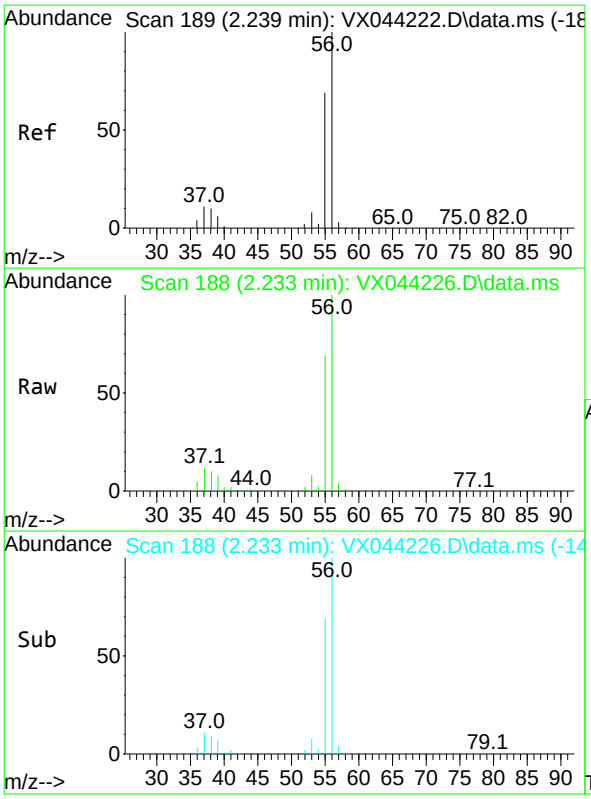


#12
1,1-Dichloroethene
Concen: 49.311 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 96 Resp: 74177

Ion	Ratio	Lower	Upper
96	100		
61	170.9	138.0	207.0
98	61.6	50.0	75.0

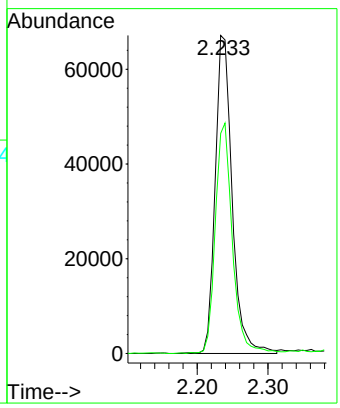




#13
Acrolein
Concen: 233.162 ug/l
RT: 2.233 min Scan# 18
Delta R.T. -0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 56 Resp: 111927

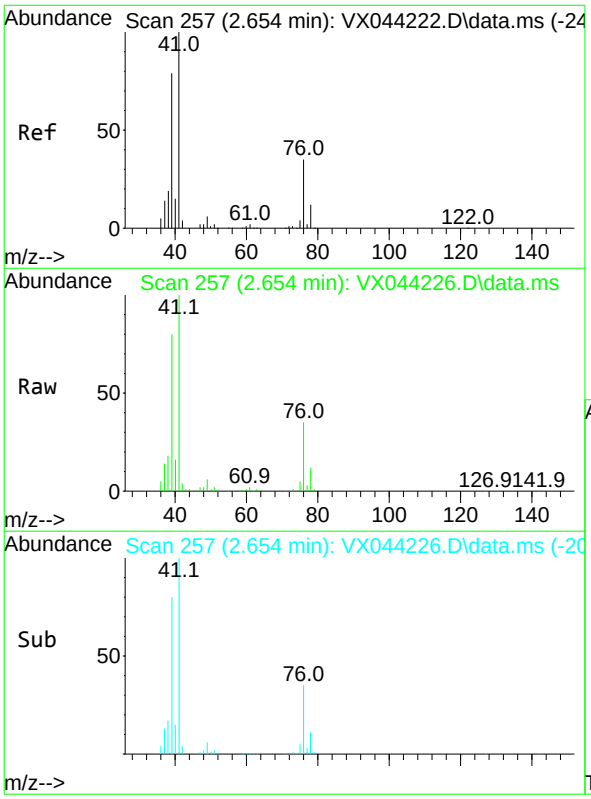
Ion	Ratio	Lower	Upper
56	100		
55	72.8	56.6	84.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

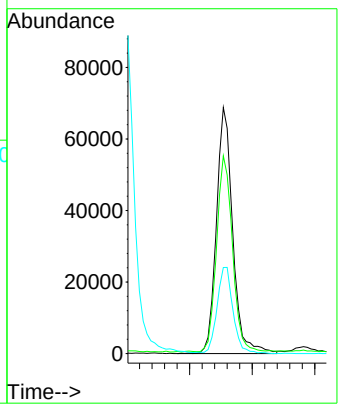
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

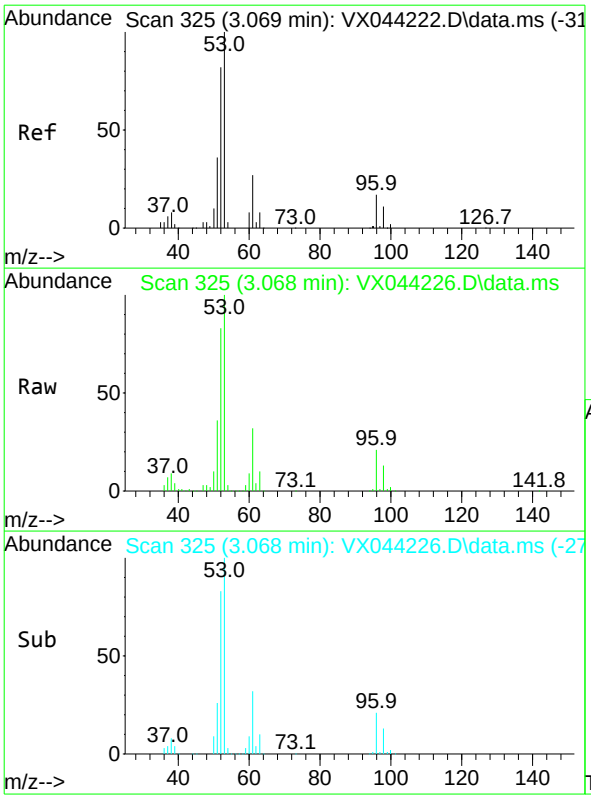


#14
Allyl chloride
Concen: 49.744 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 41 Resp: 124635

Ion	Ratio	Lower	Upper
41	100		
39	77.3	61.9	92.9
76	34.4	27.4	41.2

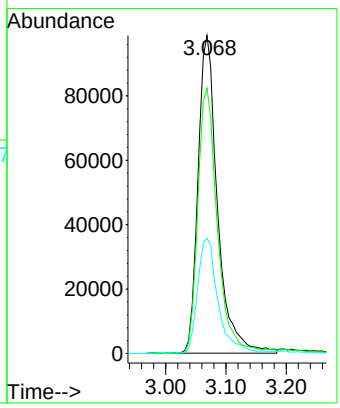




#15
Acrylonitrile
Concen: 240.620 ug/l
RT: 3.068 min Scan# 32
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 53 Resp: 221037

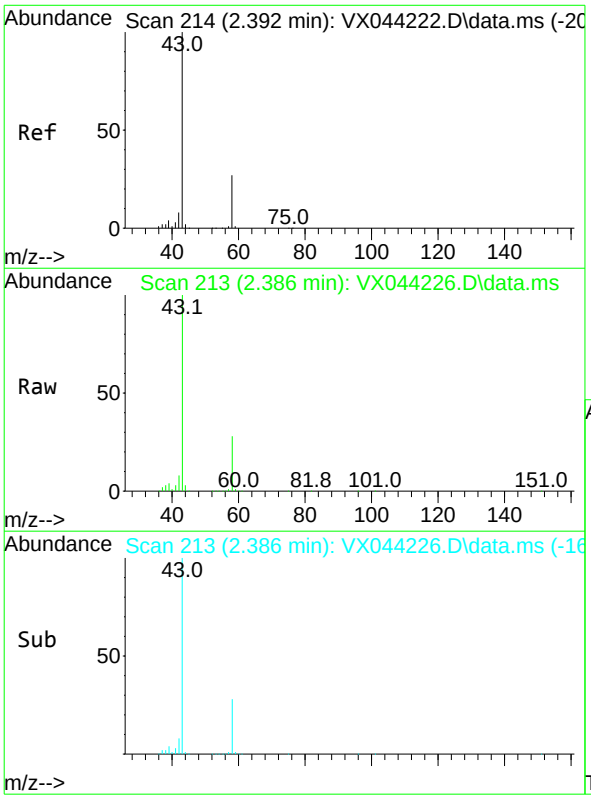
Ion	Ratio	Lower	Upper
53	100		
52	84.3	67.4	101.0
51	37.6	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

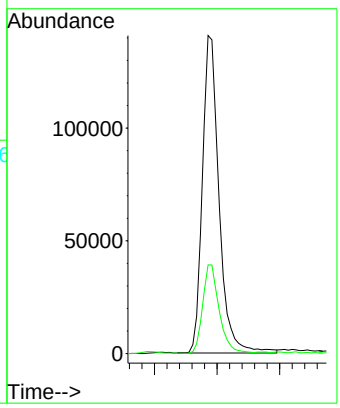
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

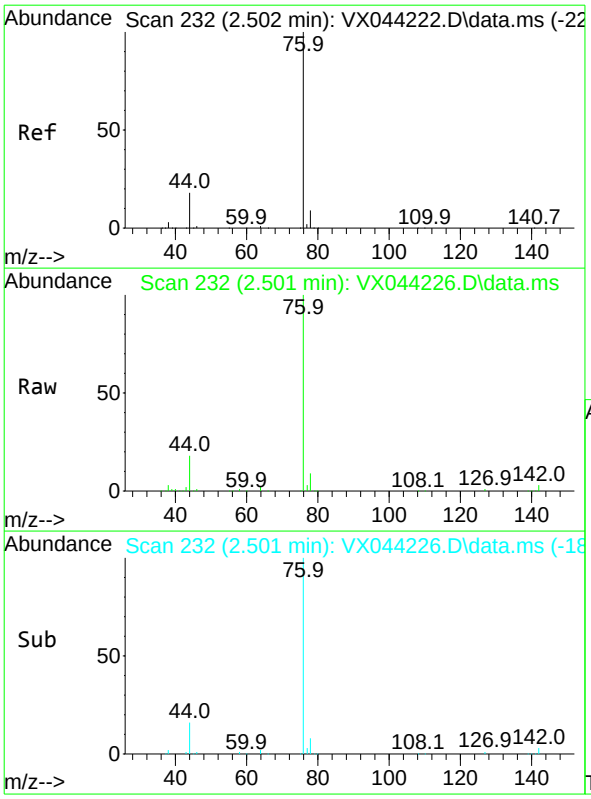


#16
Acetone
Concen: 271.312 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 43 Resp: 260267

Ion	Ratio	Lower	Upper
43	100		
58	27.8	21.6	32.4

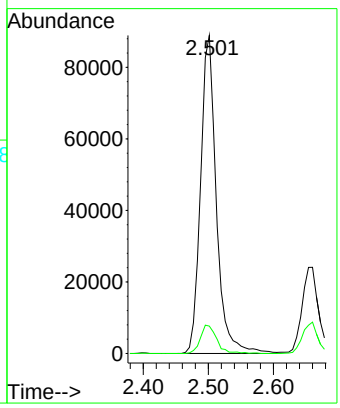




#17
Carbon Disulfide
Concen: 52.397 ug/l
RT: 2.501 min Scan# 23
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 76 Resp: 149824

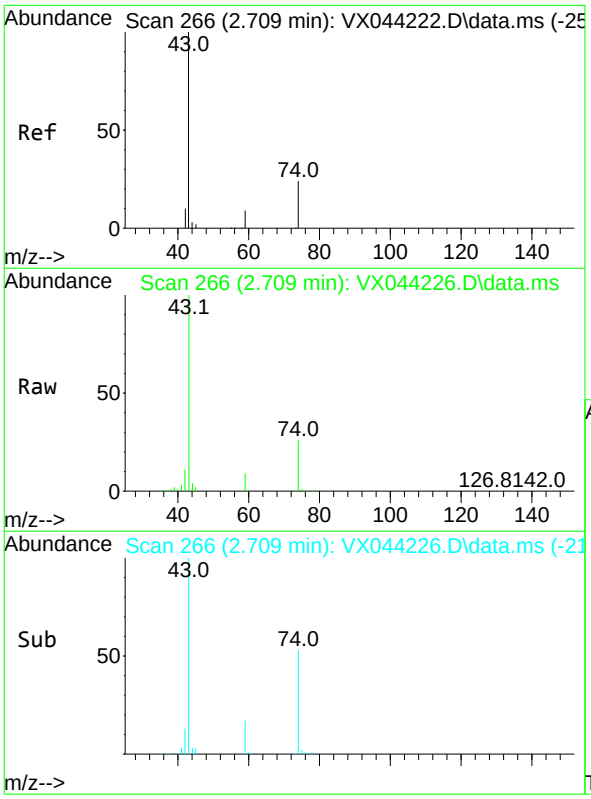
Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.4	11.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

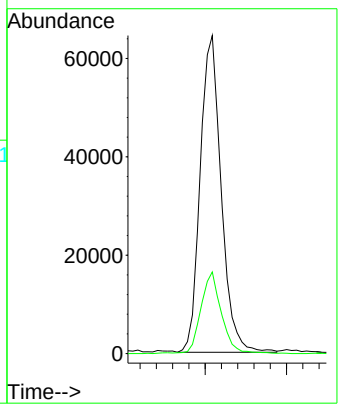
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

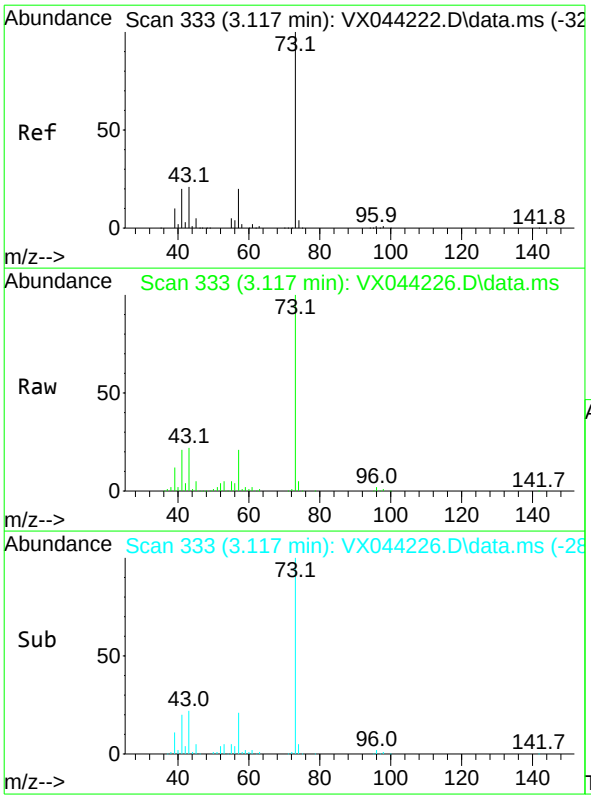


#18
Methyl Acetate
Concen: 46.725 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 43 Resp: 115569

Ion	Ratio	Lower	Upper
43	100		
74	25.3	17.7	26.5

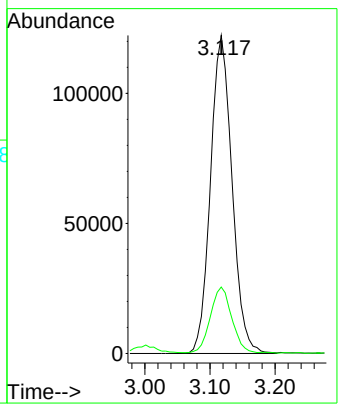




#19
Methyl tert-butyl Ether
Concen: 47.940 ug/l
RT: 3.117 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 73 Resp: 281413

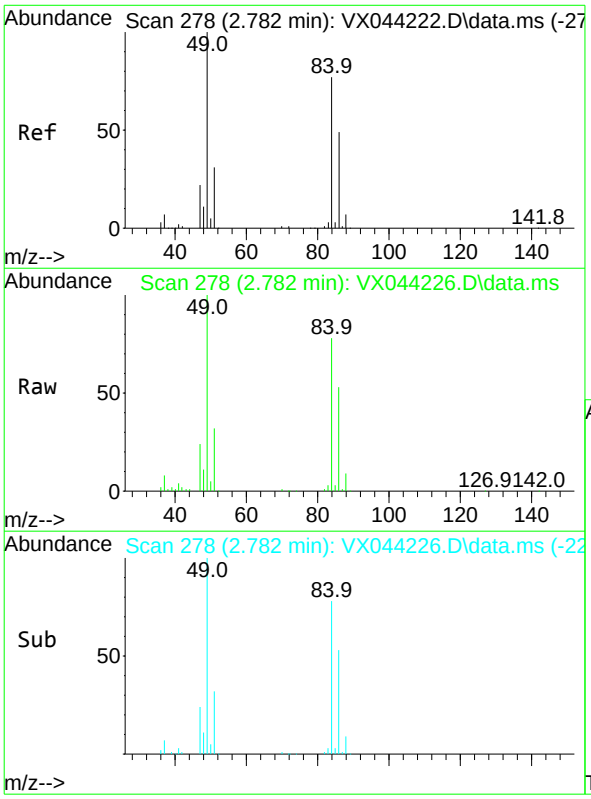
Ion	Ratio	Lower	Upper
73	100		
57	20.8	16.2	24.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

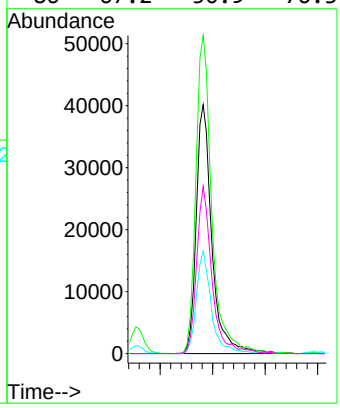
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

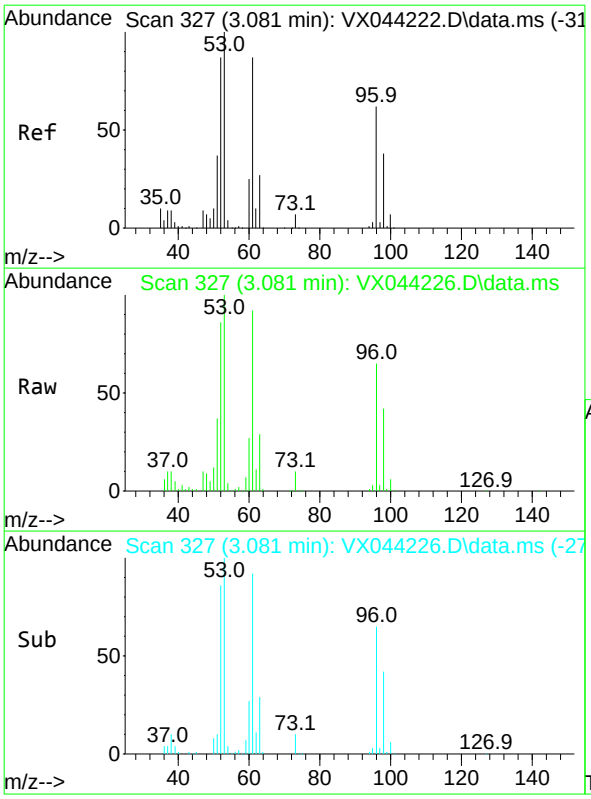


#20
Methylene Chloride
Concen: 46.170 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 84 Resp: 83188

Ion	Ratio	Lower	Upper
84	100		
49	127.6	104.2	156.4
51	41.1	32.2	48.4
86	67.2	50.9	76.3

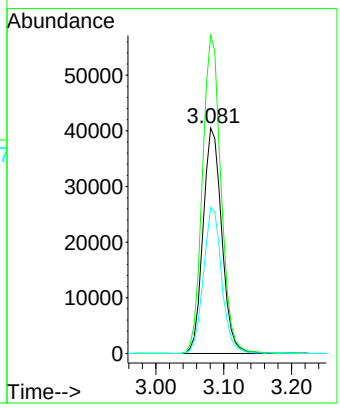




#21
trans-1,2-Dichloroethene
Concen: 48.459 ug/l
RT: 3.081 min Scan# 32
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 96 Resp: 77471

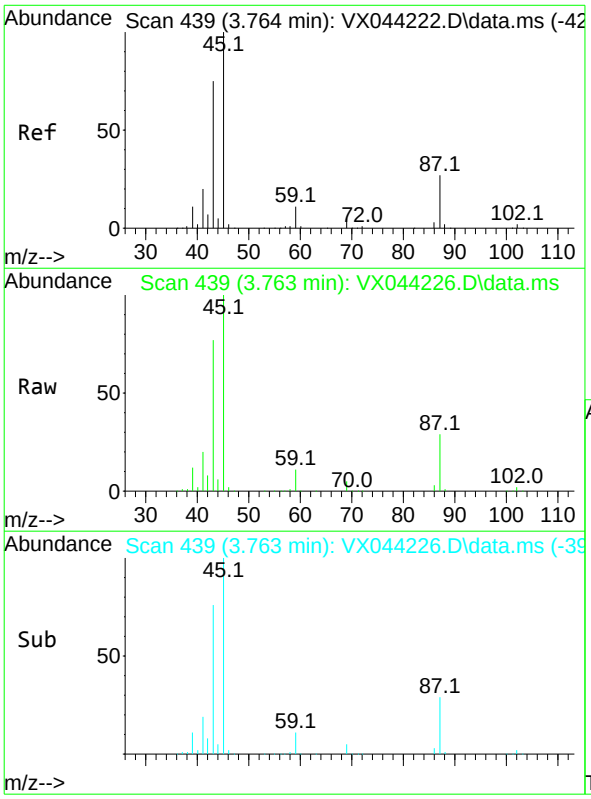
Ion	Ratio	Lower	Upper
96	100		
61	141.0	112.0	168.0
98	64.7	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations
APPROVED

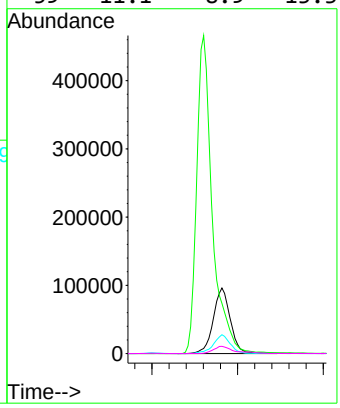
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

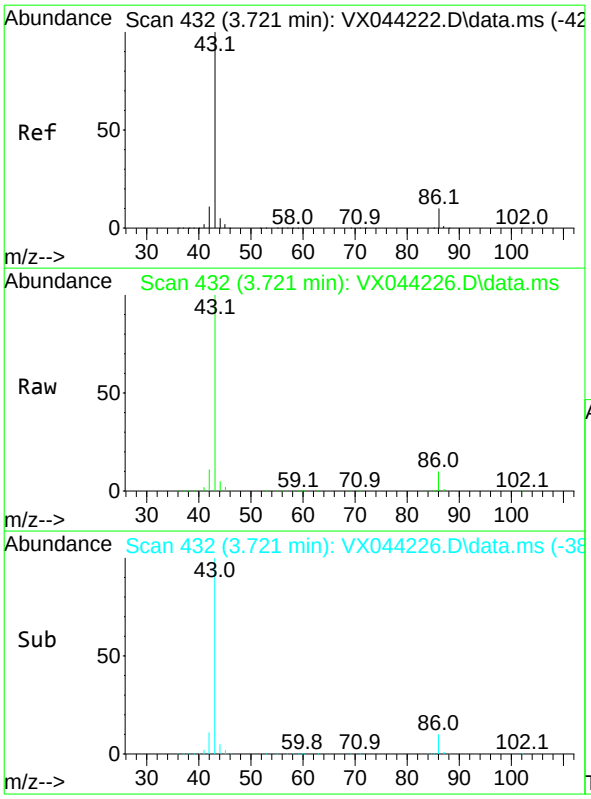


#22
Diisopropyl ether
Concen: 46.922 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 45 Resp: 264732

Ion	Ratio	Lower	Upper
45	100		
43	76.6	60.2	90.2
87	28.8	21.2	31.8
59	11.1	8.9	13.3

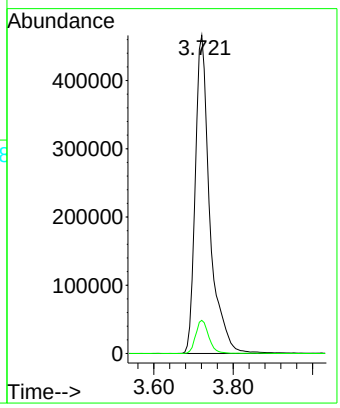




#23
Vinyl Acetate
Concen: 258.510 ug/l
RT: 3.721 min Scan# 43
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 43 Resp: 1185779

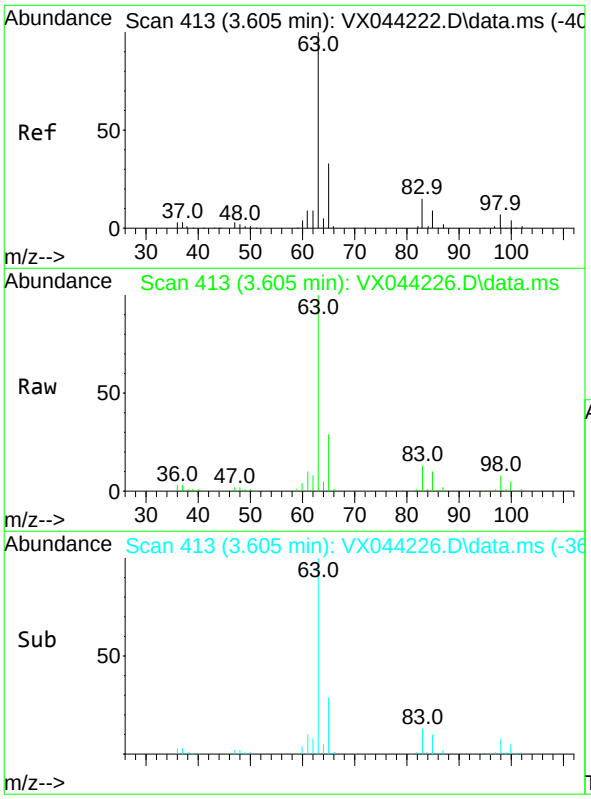
Ion	Ratio	Lower	Upper
43	100		
86	10.4	8.2	12.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

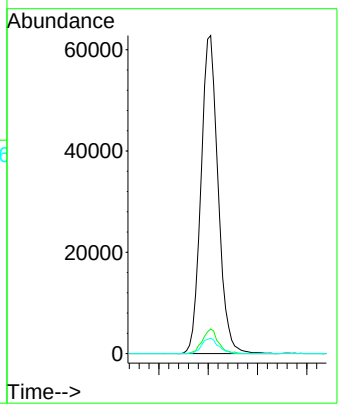
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

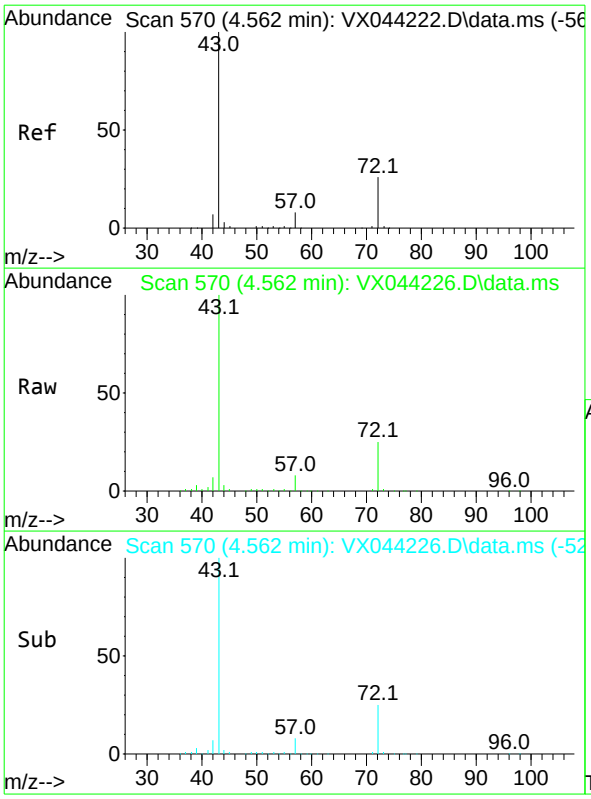


#24
1,1-Dichloroethane
Concen: 48.056 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 63 Resp: 151134

Ion	Ratio	Lower	Upper
63	100		
98	7.8	3.6	10.8
100	4.8	2.1	6.3

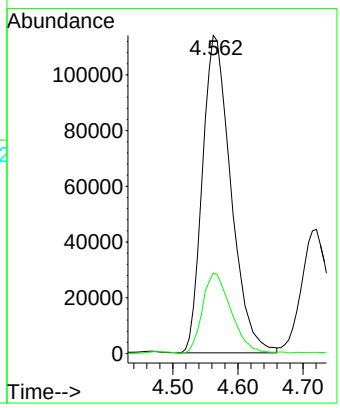




#25
2-Butanone
Concen: 253.747 ug/l
RT: 4.562 min Scan# 57
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 43 Resp: 346052

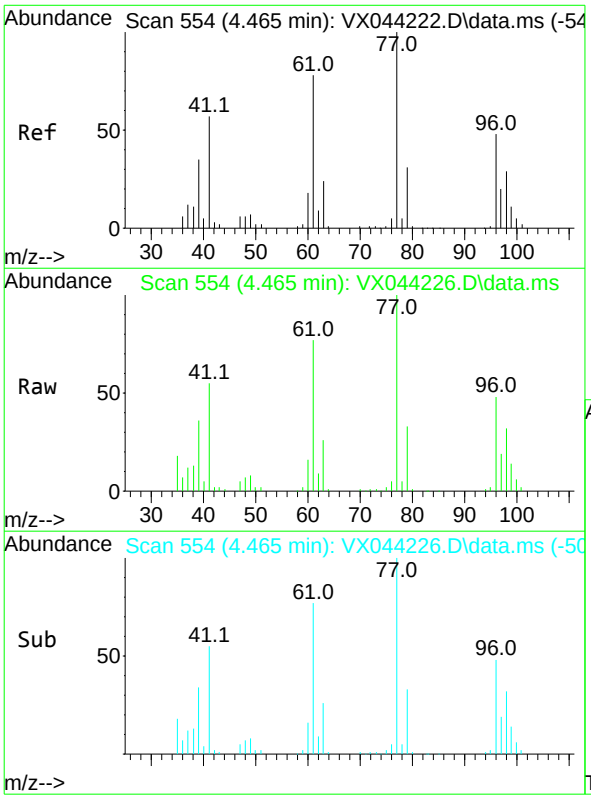
Ion	Ratio	Lower	Upper
43	100		
72	25.2	20.2	30.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations
APPROVED

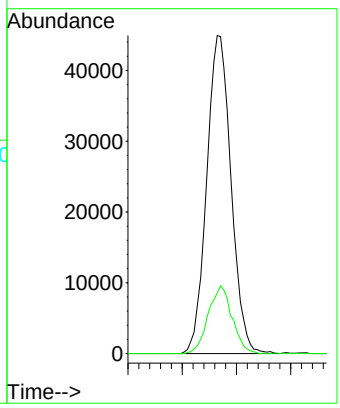
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

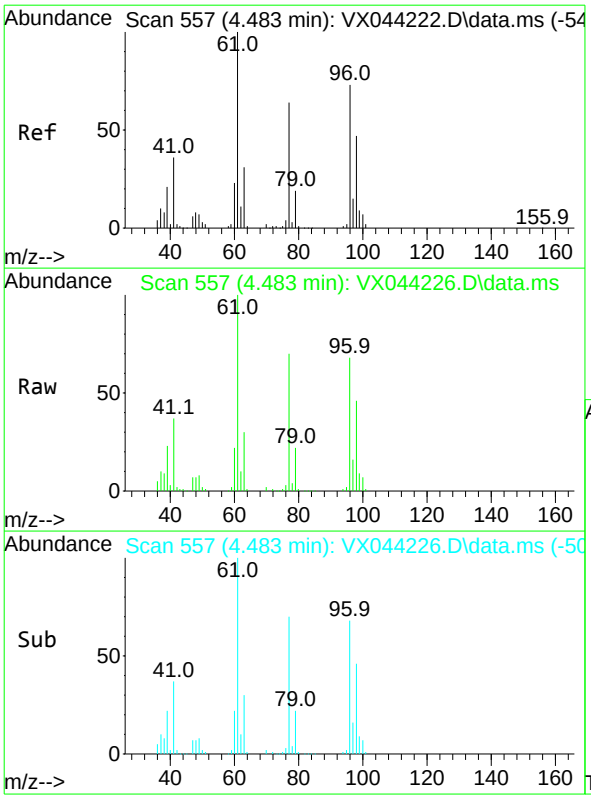


#26
2,2-Dichloropropane
Concen: 54.872 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 77 Resp: 140196

Ion	Ratio	Lower	Upper
77	100		
97	20.8	10.7	32.1

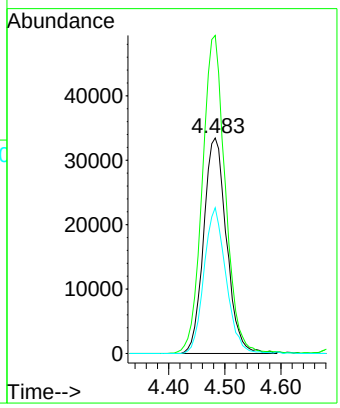




#27
cis-1,2-Dichloroethene
Concen: 46.709 ug/l
RT: 4.483 min Scan# 55
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 96 Resp: 94838

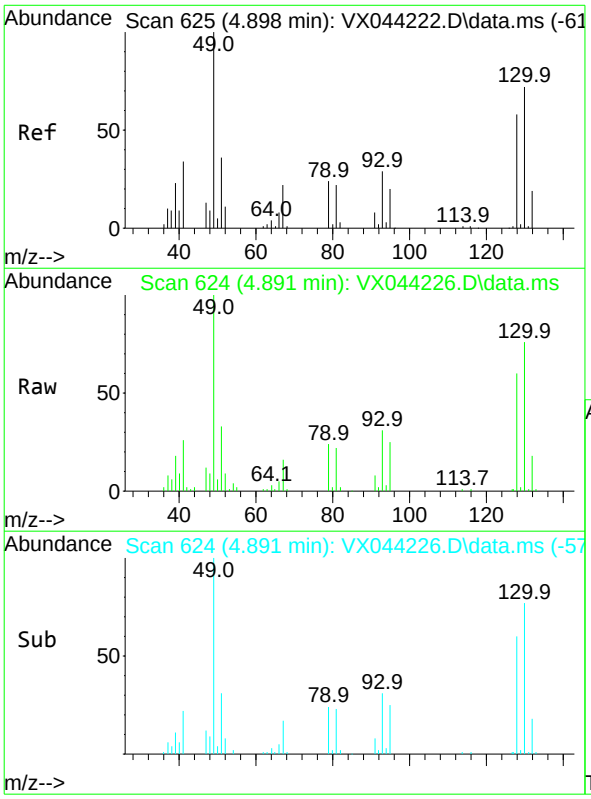
Ion	Ratio	Lower	Upper
96	100		
61	147.7	0.0	299.0
98	64.9	0.0	129.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

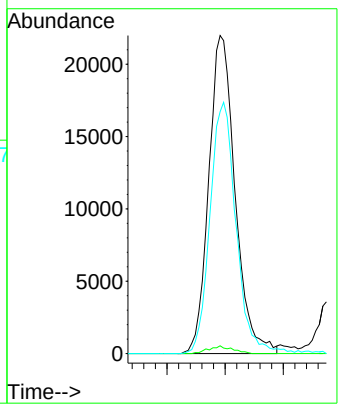
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

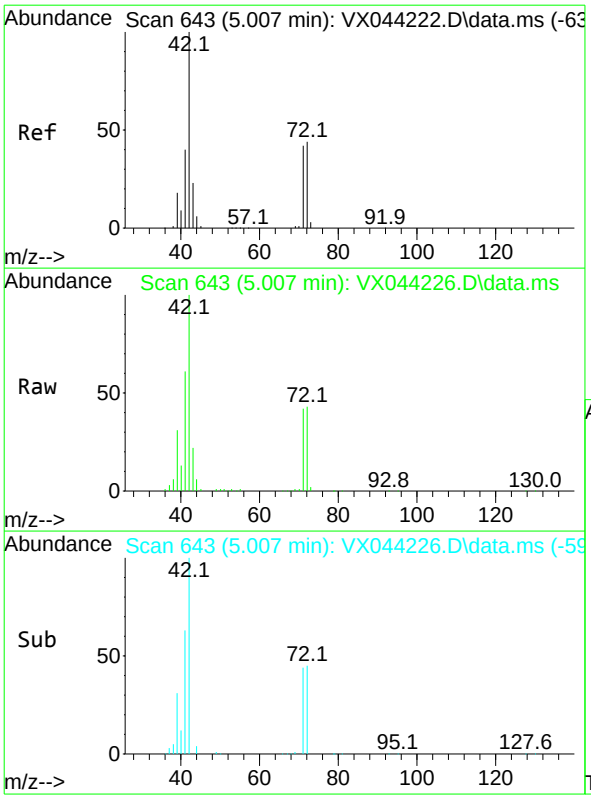


#28
Bromochloromethane
Concen: 44.832 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 49 Resp: 69139

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	78.1	62.1	93.1

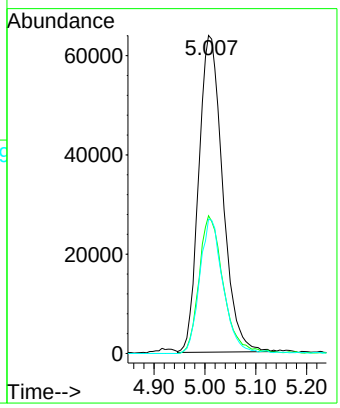




#29
Tetrahydrofuran
Concen: 238.031 ug/l
RT: 5.007 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 42 Resp: 208362

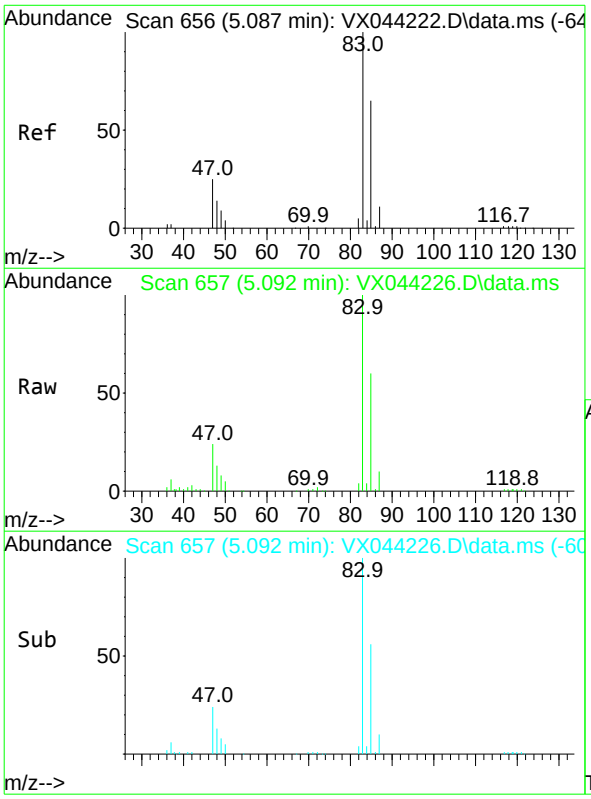
Ion	Ratio	Lower	Upper
42	100		
72	44.2	37.0	55.6
71	41.5	33.6	50.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

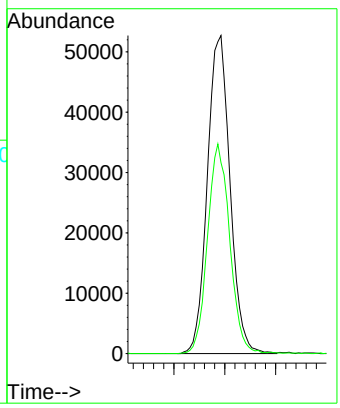
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

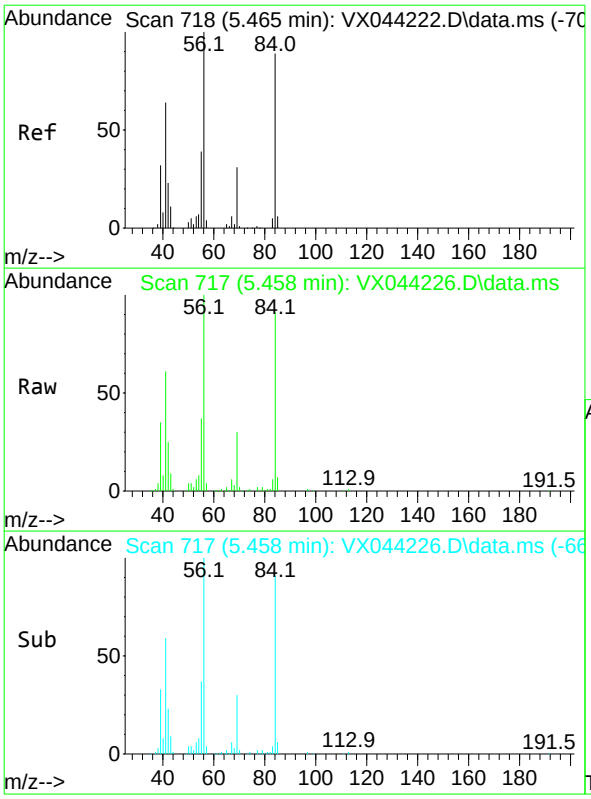


#30
Chloroform
Concen: 46.235 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 83 Resp: 163372

Ion	Ratio	Lower	Upper
83	100		
85	60.0	51.6	77.4

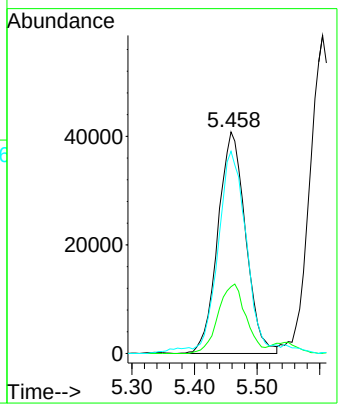




#31
Cyclohexane
Concen: 49.443 ug/l
RT: 5.458 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 56 Resp: 125567

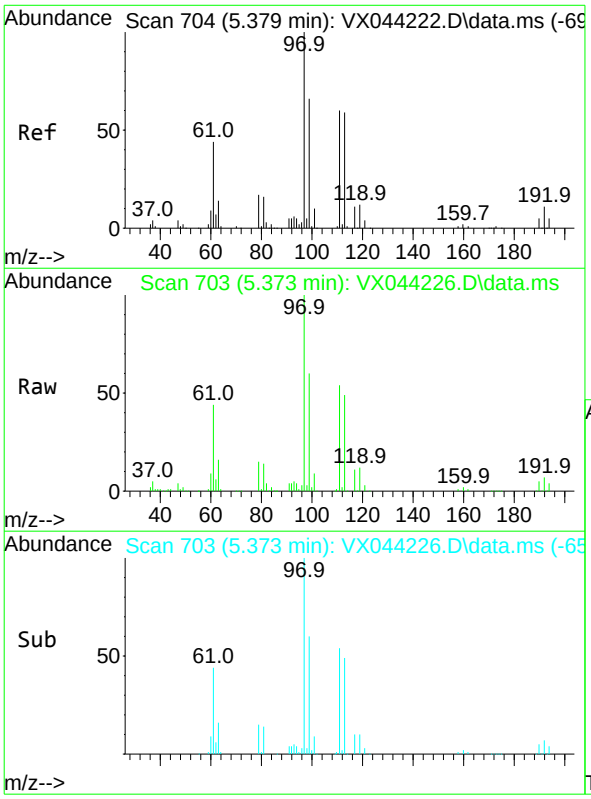
Ion	Ratio	Lower	Upper
56	100		
69	30.2	24.7	37.1
84	88.8	71.0	106.6



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations
APPROVED

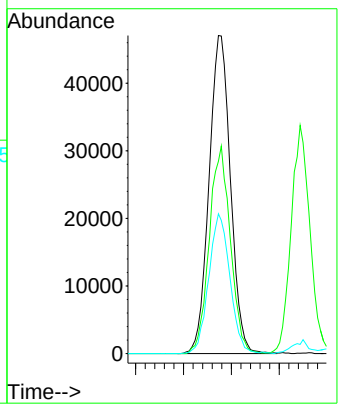
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

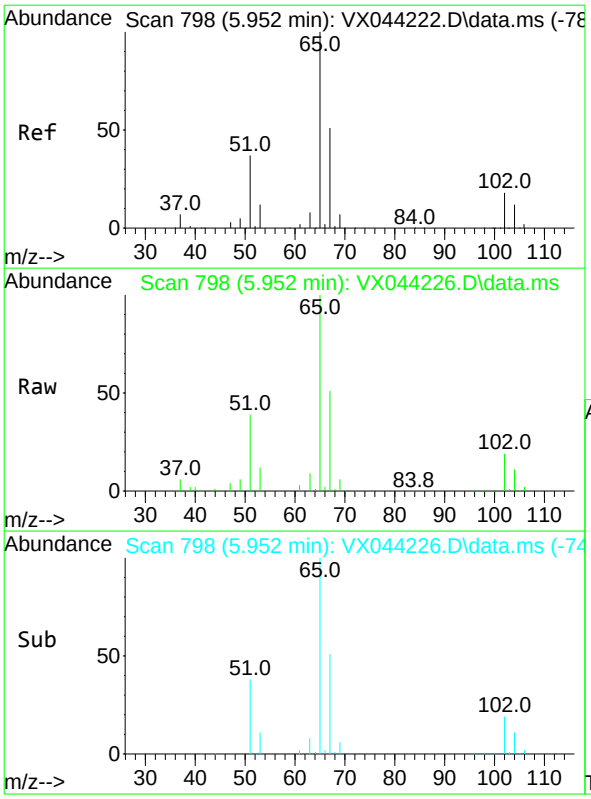


#32
1,1,1-Trichloroethane
Concen: 49.895 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 97 Resp: 146348

Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.8	76.2
61	43.3	35.2	52.8

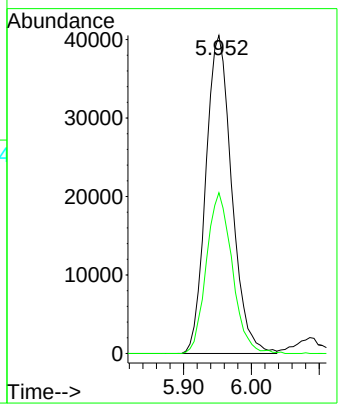




#33
1,2-Dichloroethane-d4
Concen: 45.646 ug/l
RT: 5.952 min Scan# 79
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 65 Resp: 107407

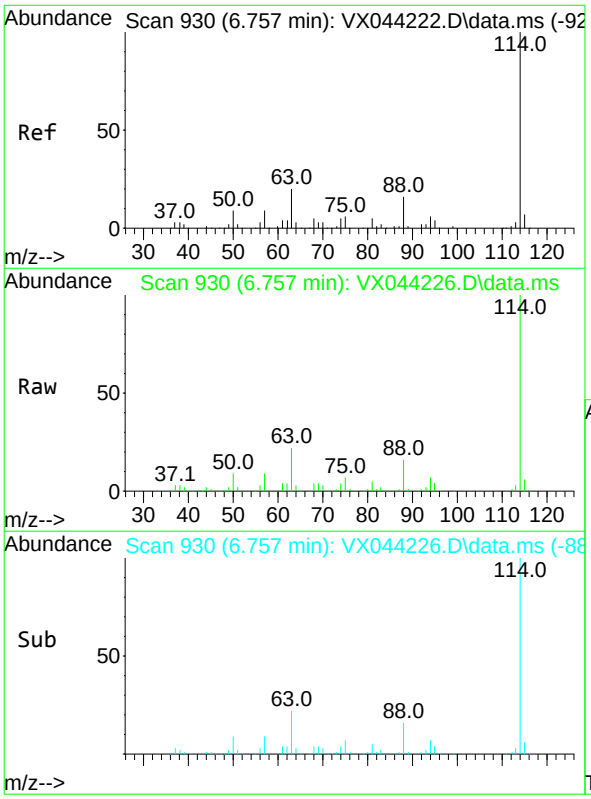
Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	101.6



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

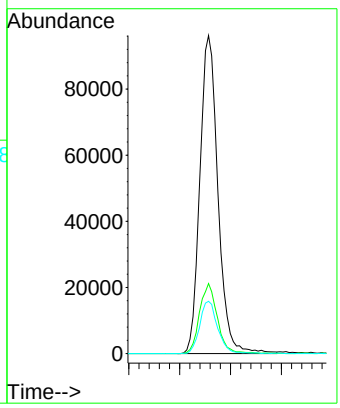
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

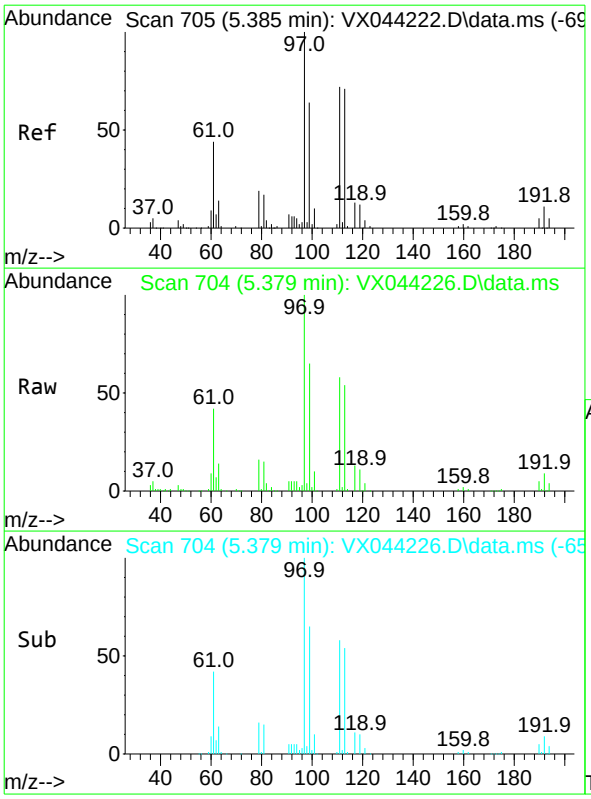


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:114 Resp: 237295

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	40.6
88	16.4	0.0	31.8

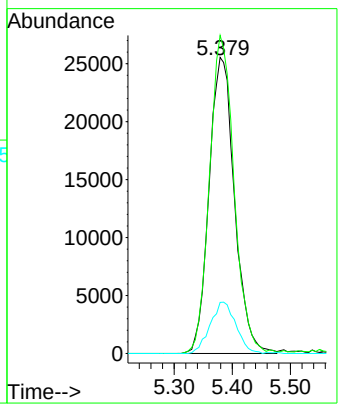




#35
Dibromofluoromethane
Concen: 47.228 ug/l
RT: 5.379 min Scan# 70
Delta R.T. -0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:113 Resp: 77619

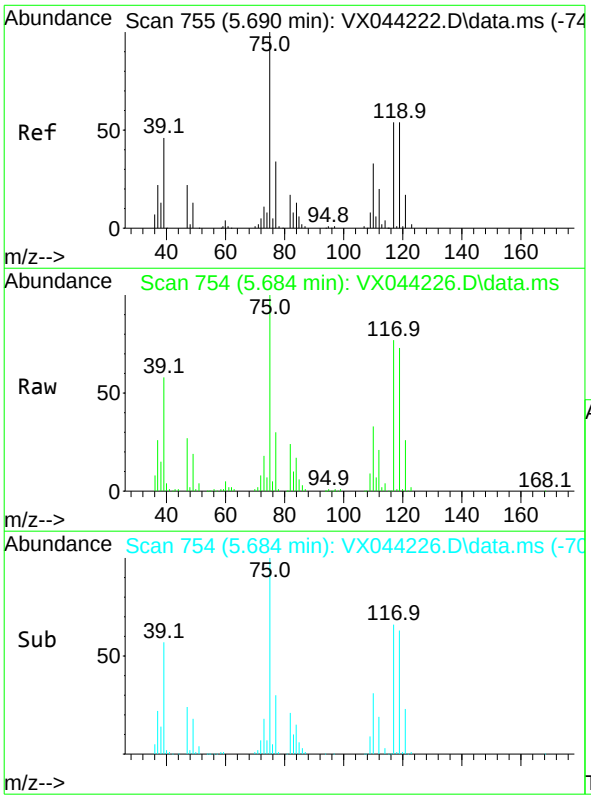
Ion	Ratio	Lower	Upper
113	100		
111	103.8	80.4	120.6
192	17.5	13.3	19.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

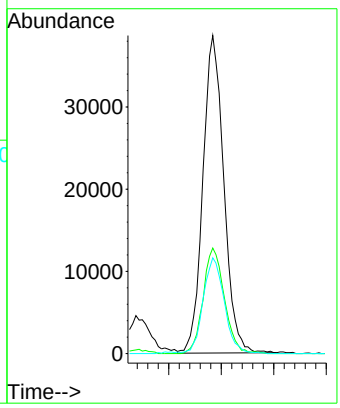
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

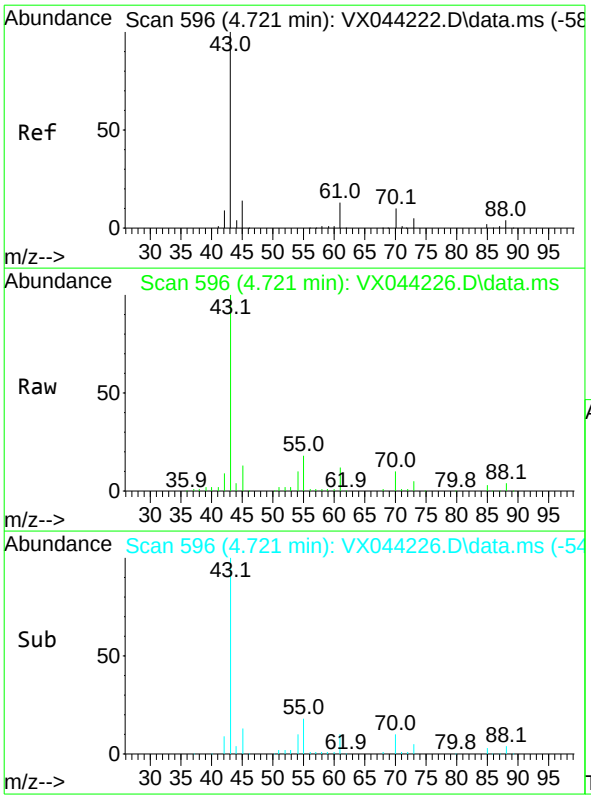


#36
1,1-Dichloropropene
Concen: 50.314 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 75 Resp: 106889

Ion	Ratio	Lower	Upper
75	100		
110	33.8	17.3	51.7
77	30.5	25.4	38.0

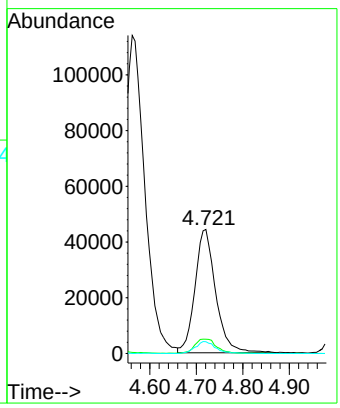




#37
Ethyl Acetate
Concen: 52.176 ug/l
RT: 4.721 min Scan# 59
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 43 Resp: 137017

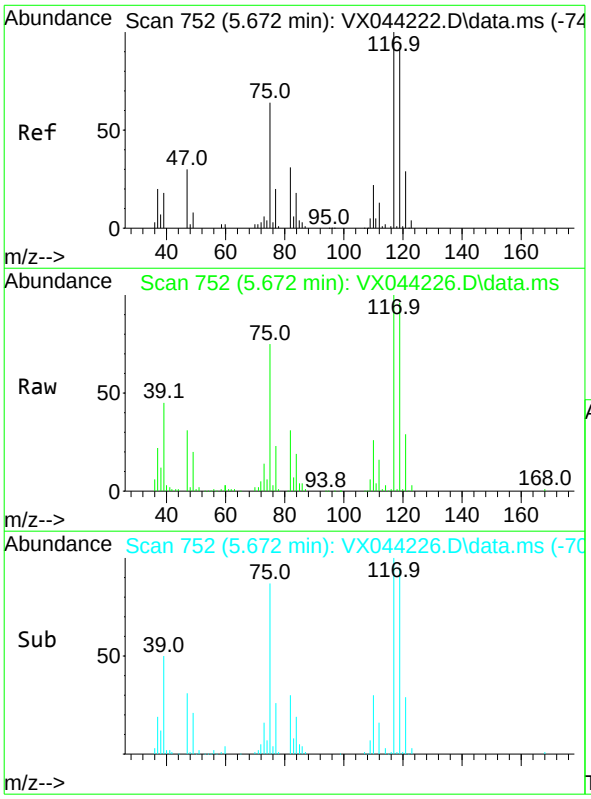
Ion	Ratio	Lower	Upper
43	100		
61	12.0	9.8	14.8
70	9.4	7.7	11.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

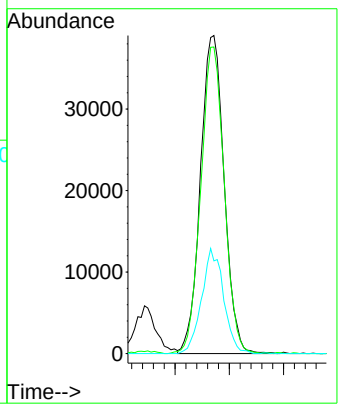
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

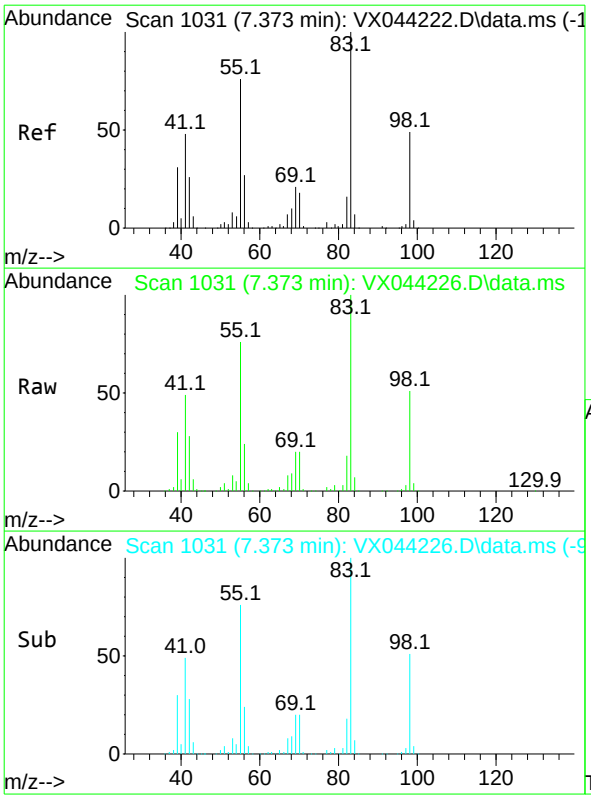


#38
Carbon Tetrachloride
Concen: 51.763 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:117 Resp: 118390

Ion	Ratio	Lower	Upper
117	100		
119	96.0	74.2	111.4
121	29.1	23.0	34.6

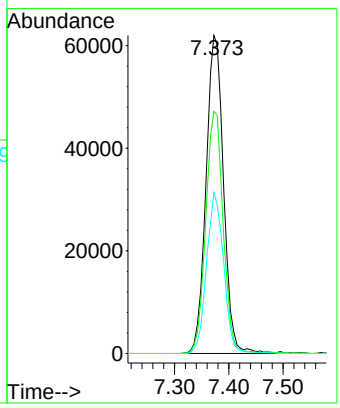




#39
Methylcyclohexane
Concen: 54.761 ug/l
RT: 7.373 min Scan# 10
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 83 Resp: 139077

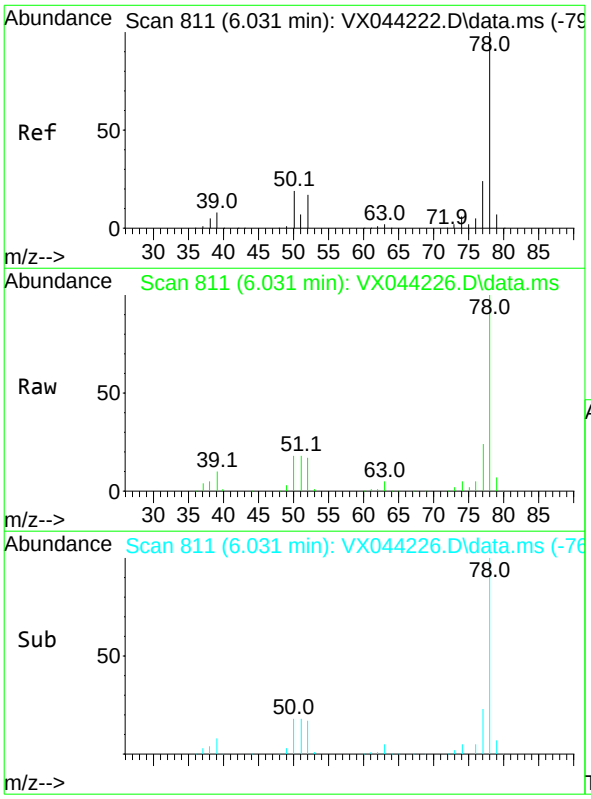
Ion	Ratio	Lower	Upper
83	100		
55	76.1	60.7	91.1
98	50.6	38.9	58.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations
APPROVED

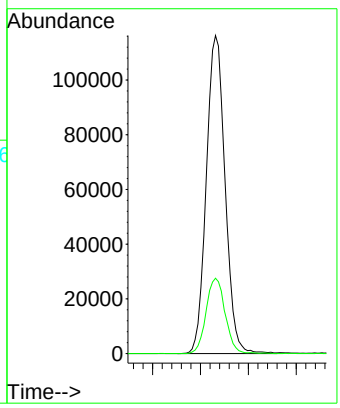
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

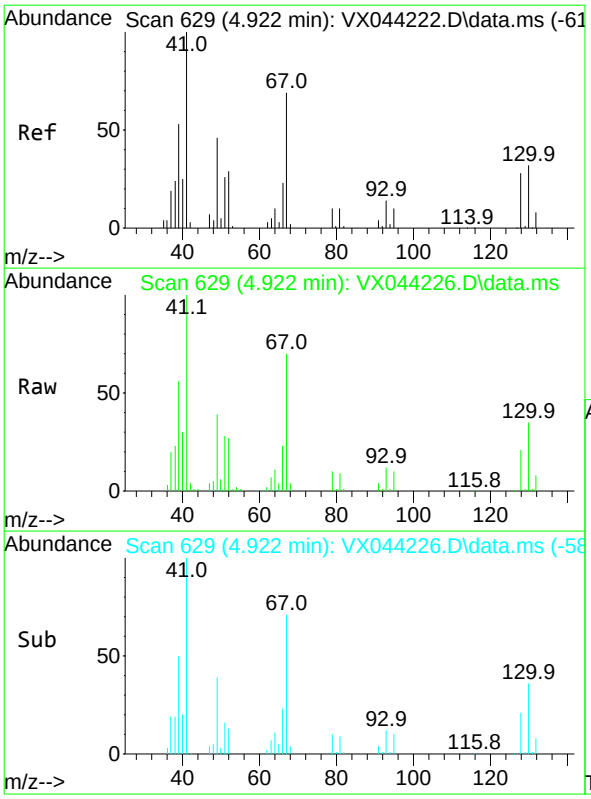


#40
Benzene
Concen: 49.052 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 78 Resp: 316391

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.3	28.9

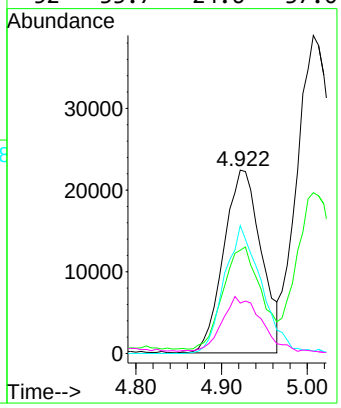




#41
Methacrylonitrile
Concen: 48.945 ug/l
RT: 4.922 min Scan# 62
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 41 Resp: 68251

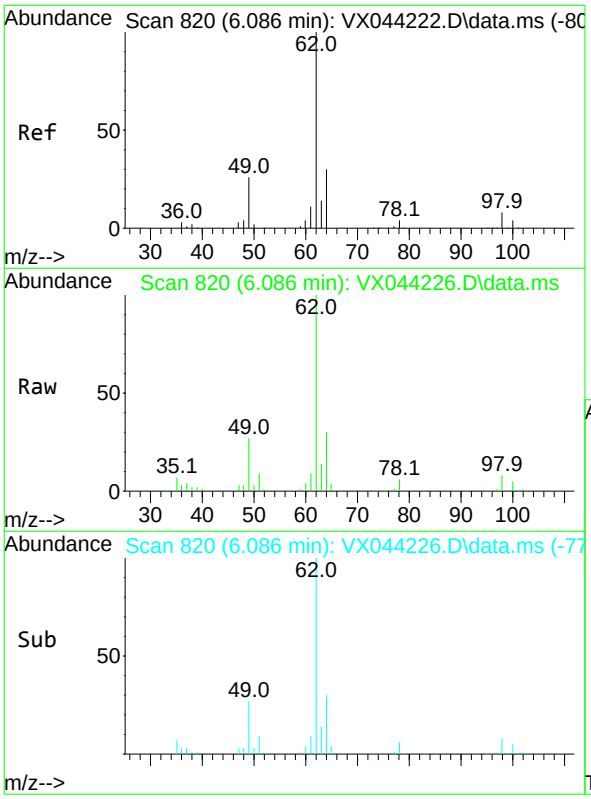
Ion	Ratio	Lower	Upper
41	100		
39	56.3	44.2	66.4
67	69.8	57.2	85.8
52	33.7	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

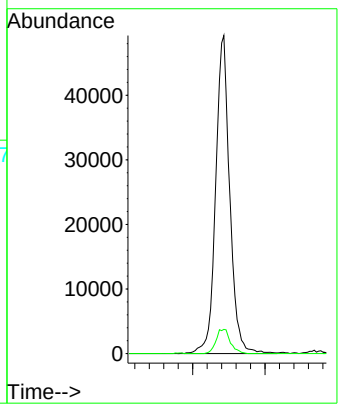
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

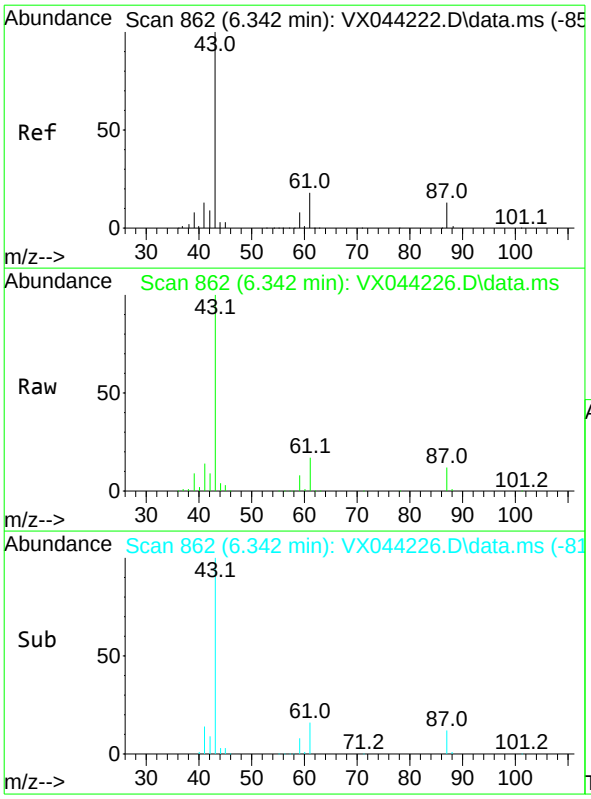


#42
1,2-Dichloroethane
Concen: 49.960 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 62 Resp: 132744

Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.8

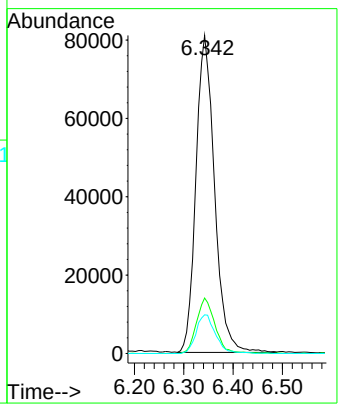




#43
Isopropyl Acetate
Concen: 51.624 ug/l
RT: 6.342 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 43 Resp: 211889

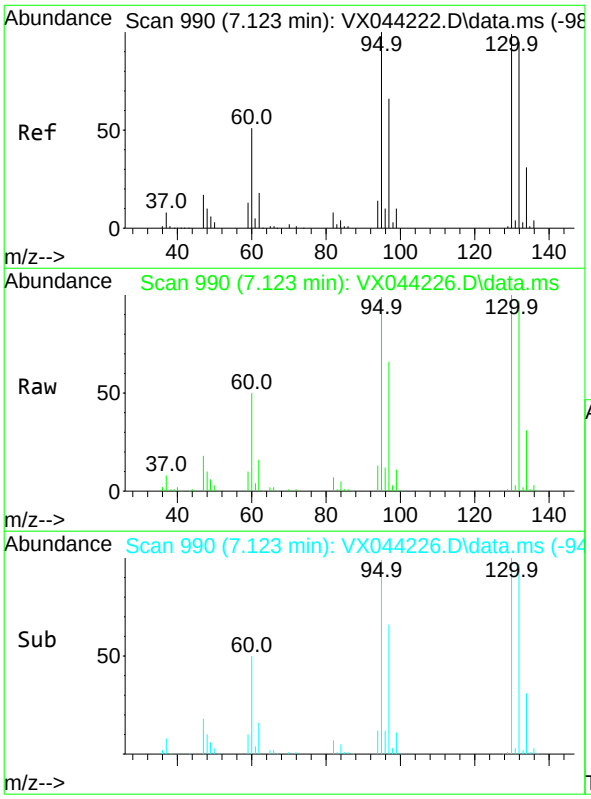
Ion	Ratio	Lower	Upper
43	100		
61	17.4	14.2	21.2
87	12.7	10.2	15.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

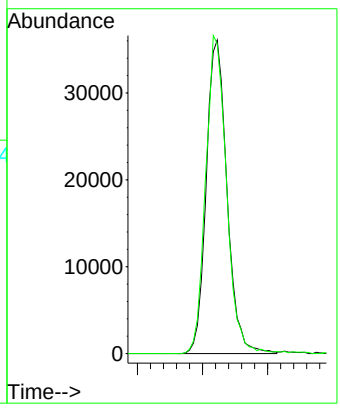
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

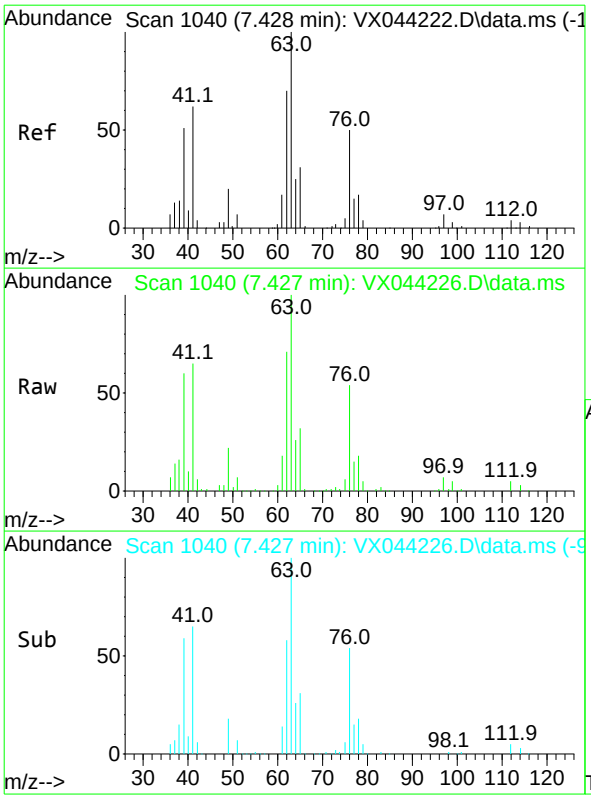


#44
Trichloroethene
Concen: 49.741 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:130 Resp: 80008

Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	201.4

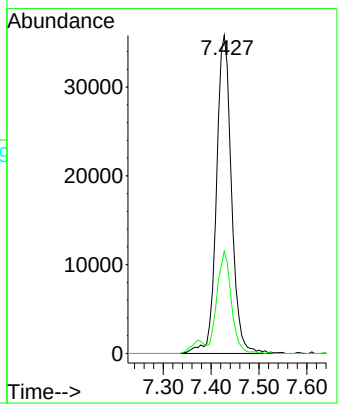




#45
1,2-Dichloropropane
Concen: 47.528 ug/l
RT: 7.427 min Scan# 10
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 63 Resp: 78321

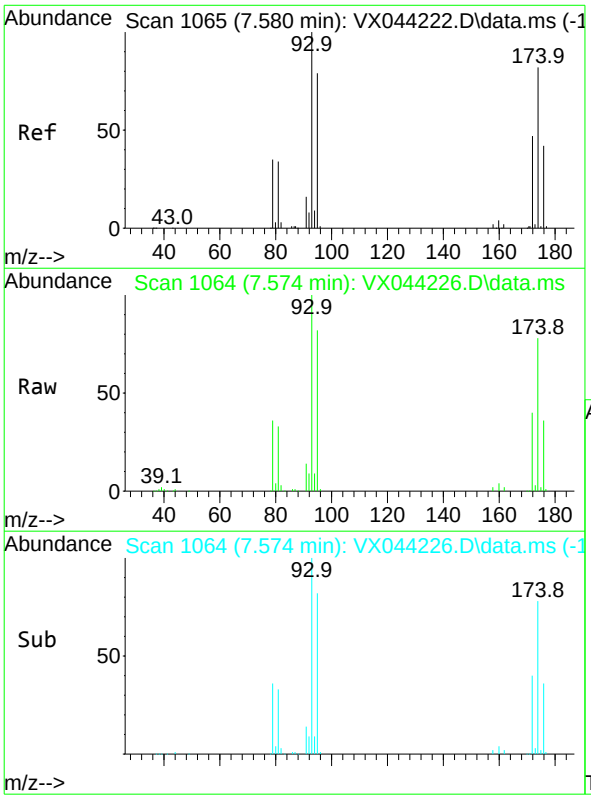
Ion	Ratio	Lower	Upper
63	100		
65	32.1	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

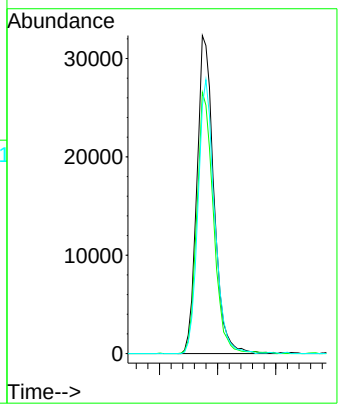
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

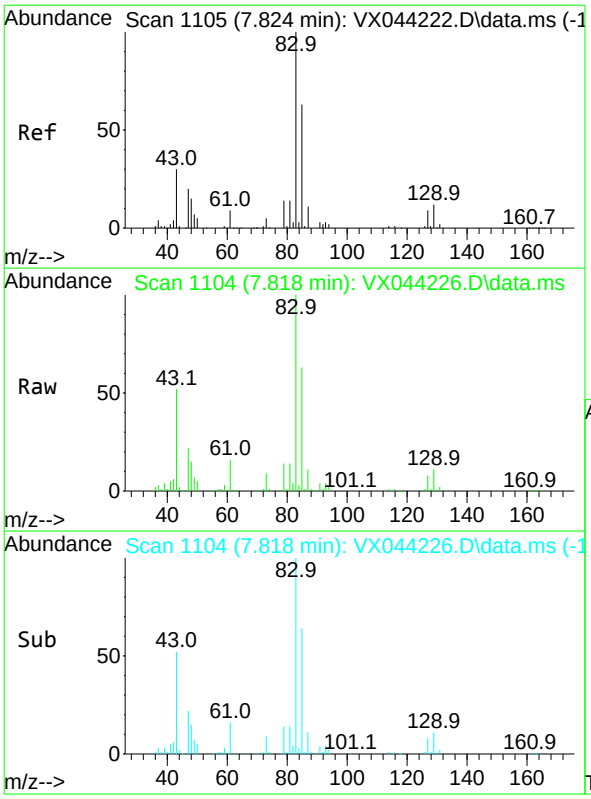


#46
Dibromomethane
Concen: 51.227 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 93 Resp: 65491

Ion	Ratio	Lower	Upper
93	100		
95	80.5	65.4	98.2
174	84.0	67.9	101.9

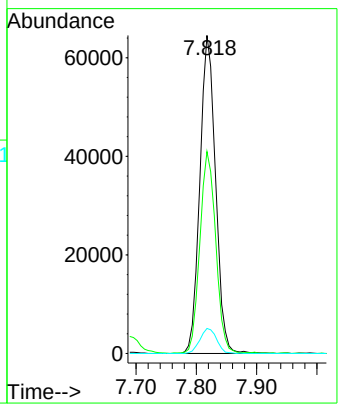




#47
Bromodichloromethane
Concen: 52.893 ug/l
RT: 7.818 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 83 Resp: 116783

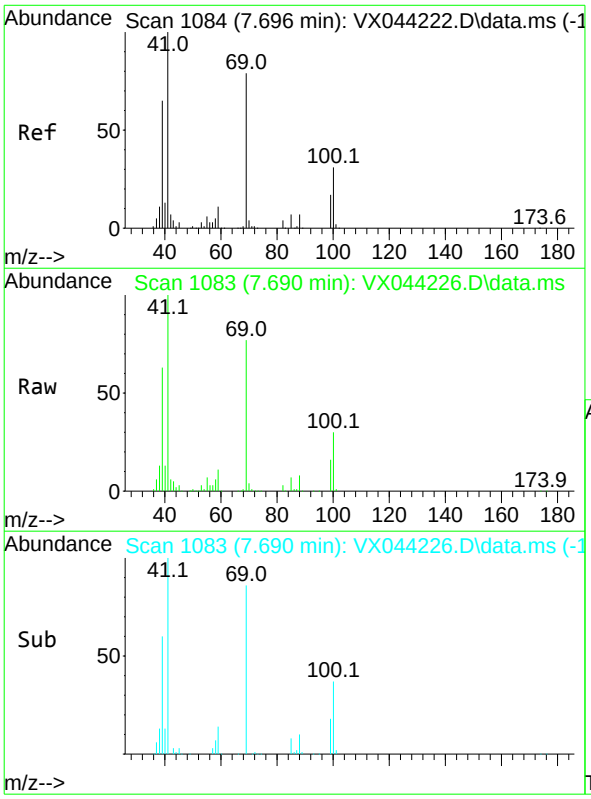
Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.6	75.8
127	7.9	7.3	10.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

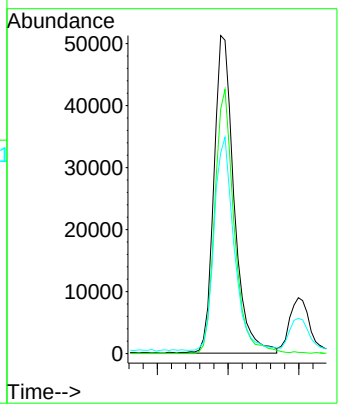
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

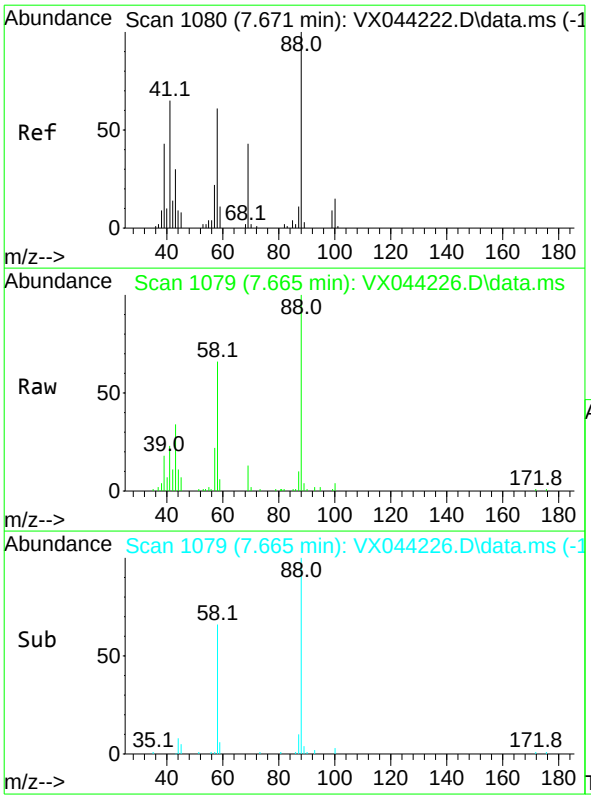


#48
Methyl methacrylate
Concen: 50.852 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 41 Resp: 101318

Ion	Ratio	Lower	Upper
41	100		
69	79.9	62.4	93.6
39	66.0	53.3	79.9





#49
1,4-Dioxane
Concen: 923.966 ug/l m
RT: 7.665 min Scan# 10
Delta R.T. -0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

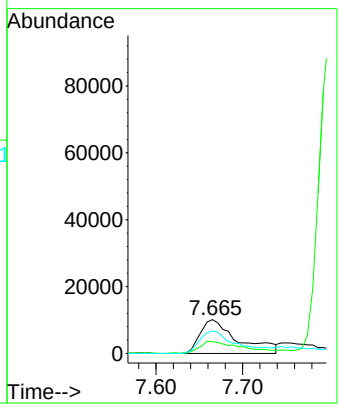
Tgt Ion: 88 Resp: 30522

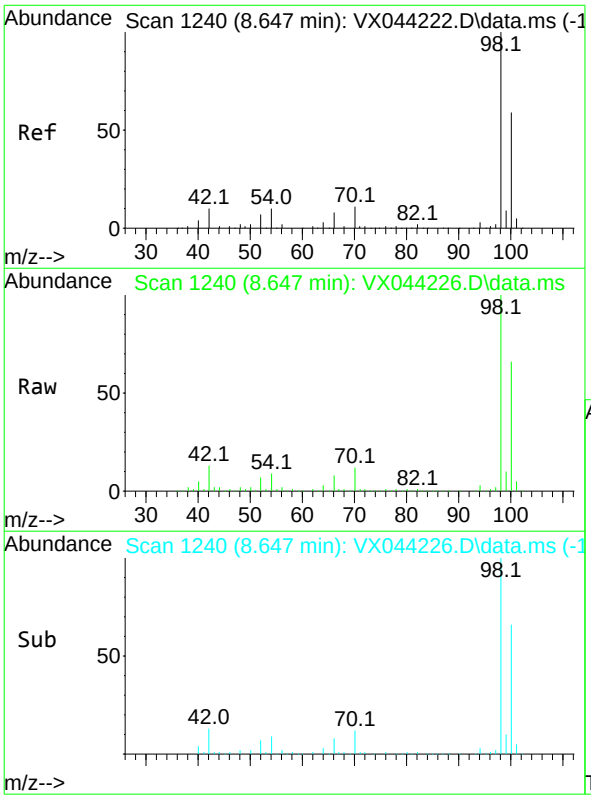
Ion	Ratio	Lower	Upper
88	100		
43	44.4	27.1	40.7#
58	60.6	41.0	61.4

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

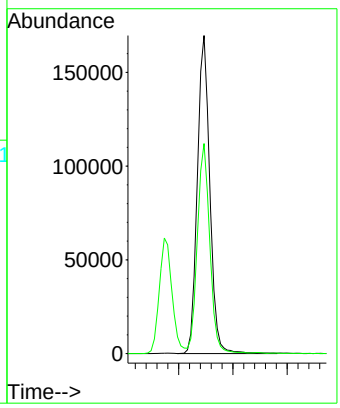


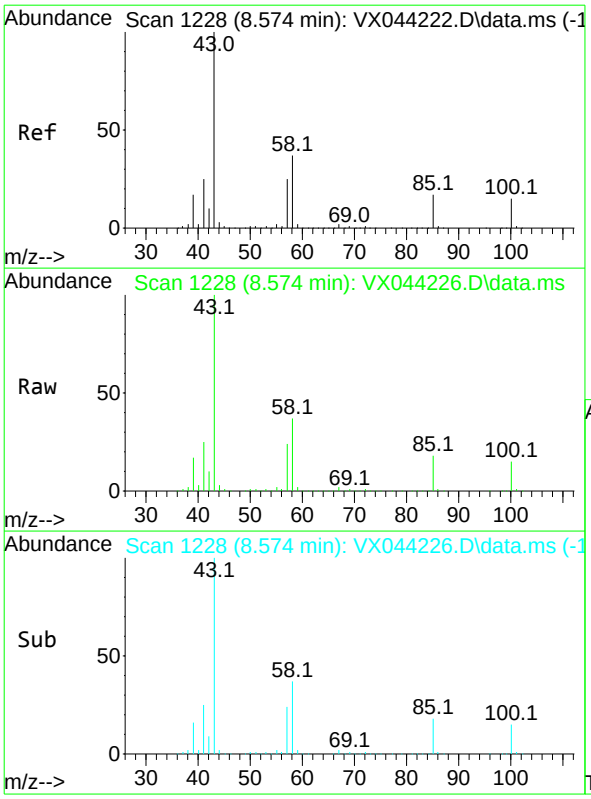


#50
Toluene-d8
Concen: 48.968 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 98 Resp: 271508

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.5	77.3

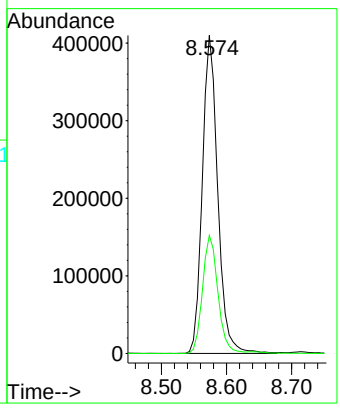




#51
4-Methyl-2-Pentanone
Concen: 255.038 ug/l
RT: 8.574 min Scan# 12
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 43 Resp: 673069

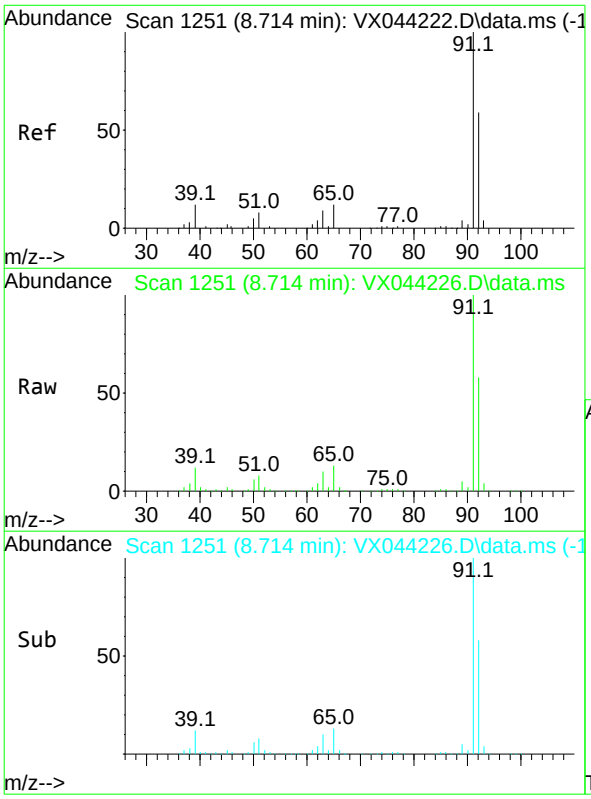
Ion	Ratio	Lower	Upper
43	100		
58	37.0	29.4	44.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

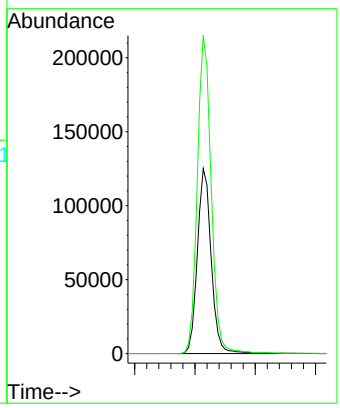
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

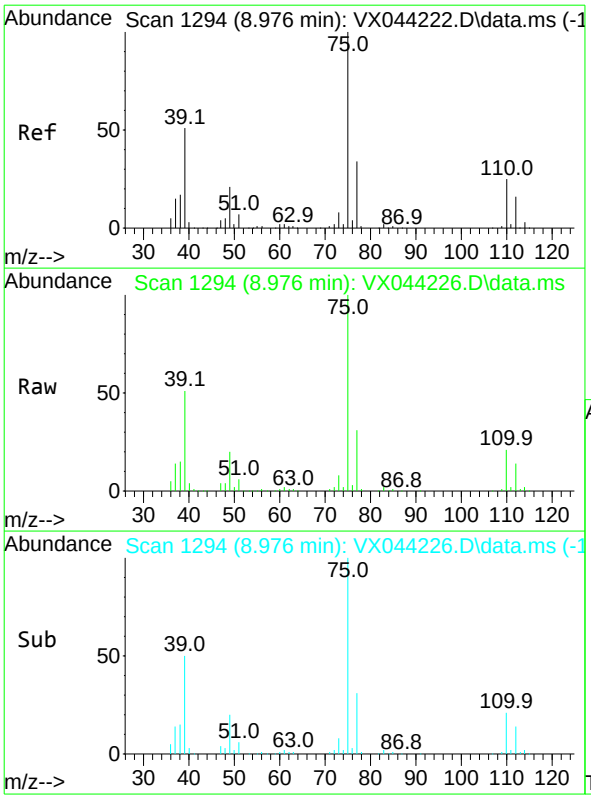


#52
Toluene
Concen: 49.199 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 92 Resp: 199281

Ion	Ratio	Lower	Upper
92	100		
91	173.2	137.0	205.6

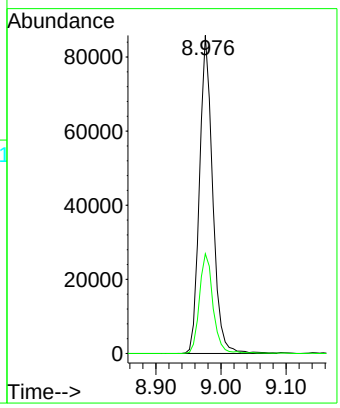




#53
t-1,3-Dichloropropene
Concen: 50.864 ug/l
RT: 8.976 min Scan# 12
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 75 Resp: 120696

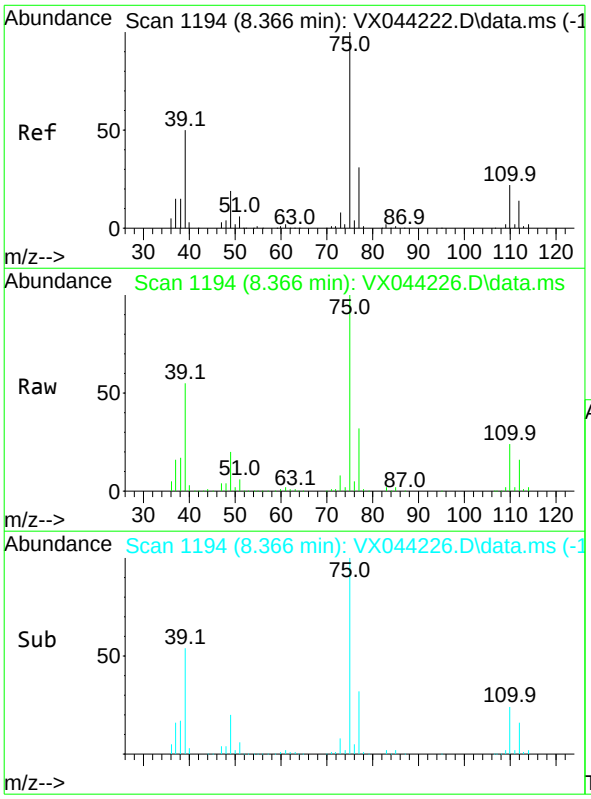
Ion	Ratio	Lower	Upper
75	100		
77	31.4	27.2	40.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

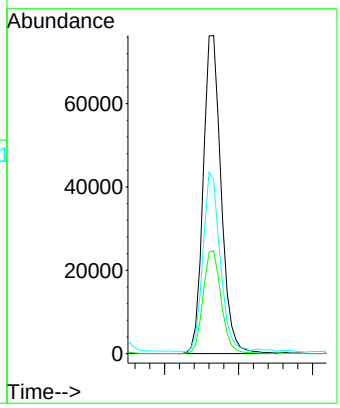
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

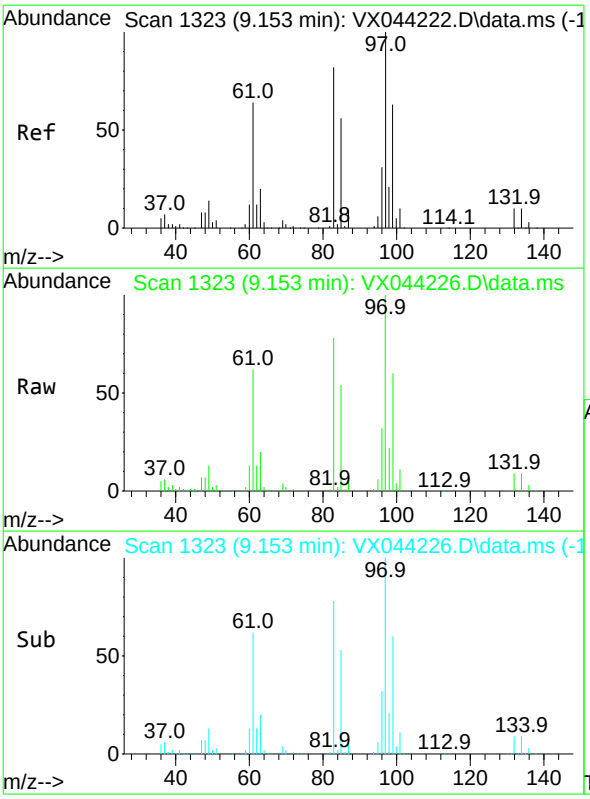


#54
cis-1,3-Dichloropropene
Concen: 53.607 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 75 Resp: 128875

Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.7	37.1
39	53.9	40.3	60.5

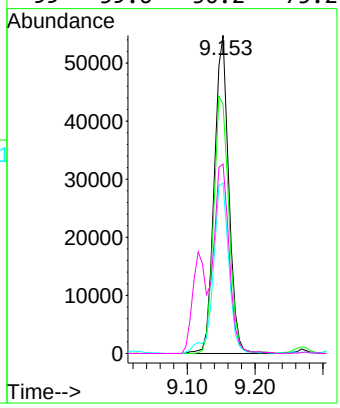




#55
1,1,2-Trichloroethane
Concen: 50.562 ug/l
RT: 9.153 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 97 Resp: 81362

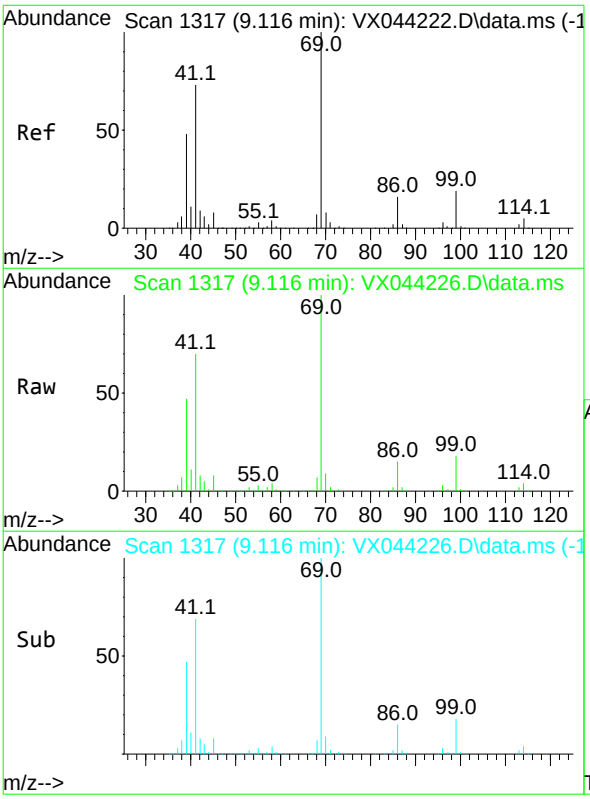
Ion	Ratio	Lower	Upper
97	100		
83	78.3	65.3	97.9
85	53.6	44.6	67.0
99	59.6	50.2	75.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

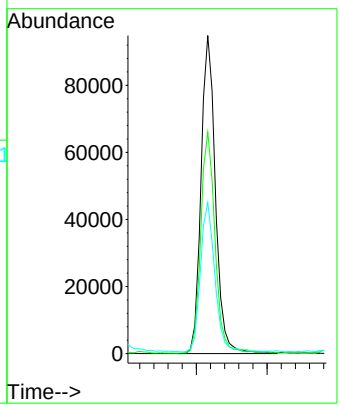
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

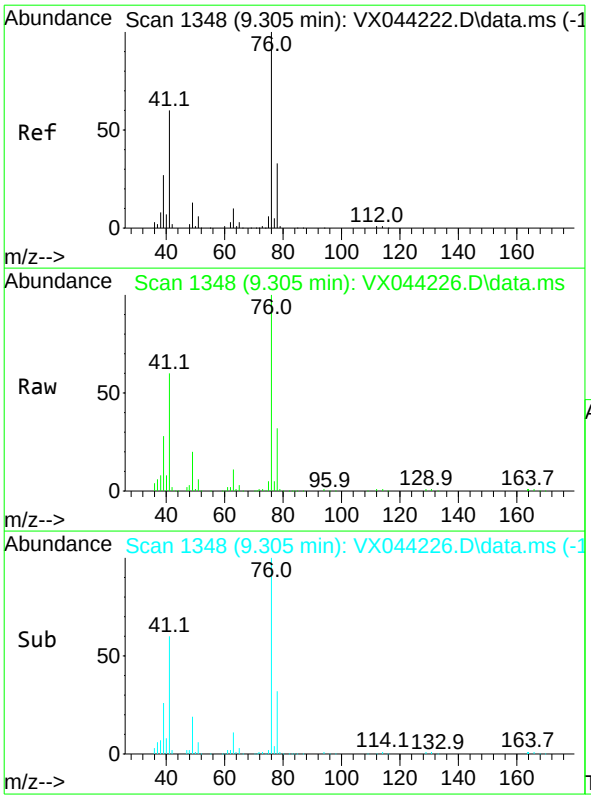


#56
Ethyl methacrylate
Concen: 52.890 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 69 Resp: 134357

Ion	Ratio	Lower	Upper
69	100		
41	68.6	56.6	85.0
39	47.2	37.4	56.0

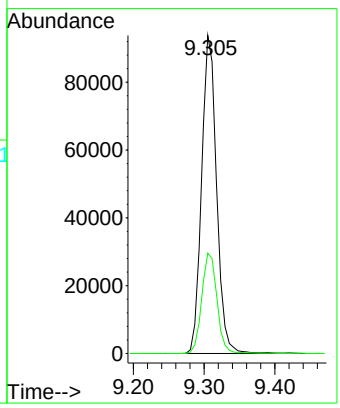




#57
1,3-Dichloropropane
Concen: 49.165 ug/l
RT: 9.305 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 76 Resp: 137705

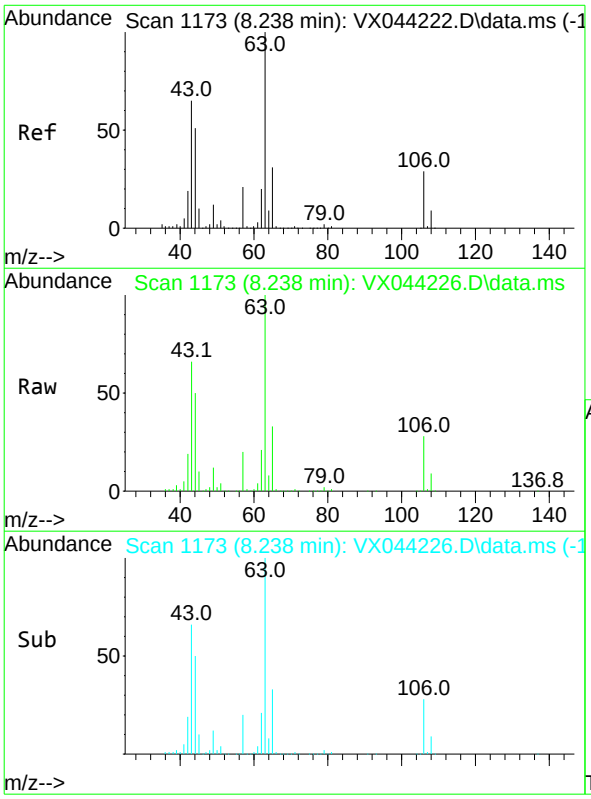
Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

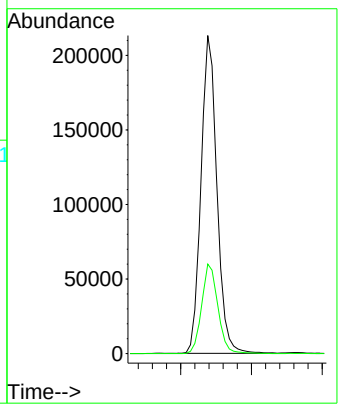
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

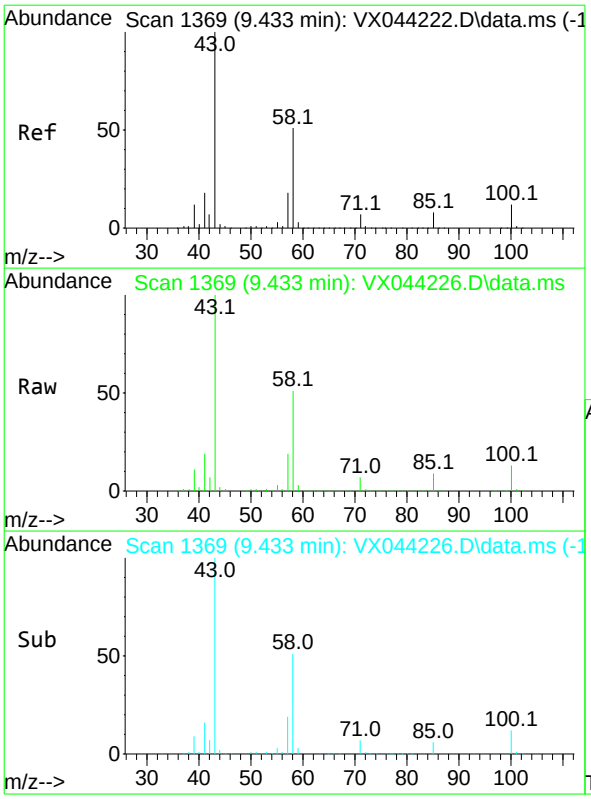


#58
2-Chloroethyl Vinyl ether
Concen: 259.586 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 63 Resp: 332599

Ion	Ratio	Lower	Upper
63	100		
106	28.6	22.8	34.2

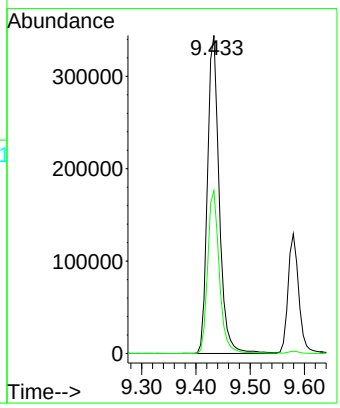




#59
2-Hexanone
Concen: 271.943 ug/l
RT: 9.433 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 43 Resp: 519476

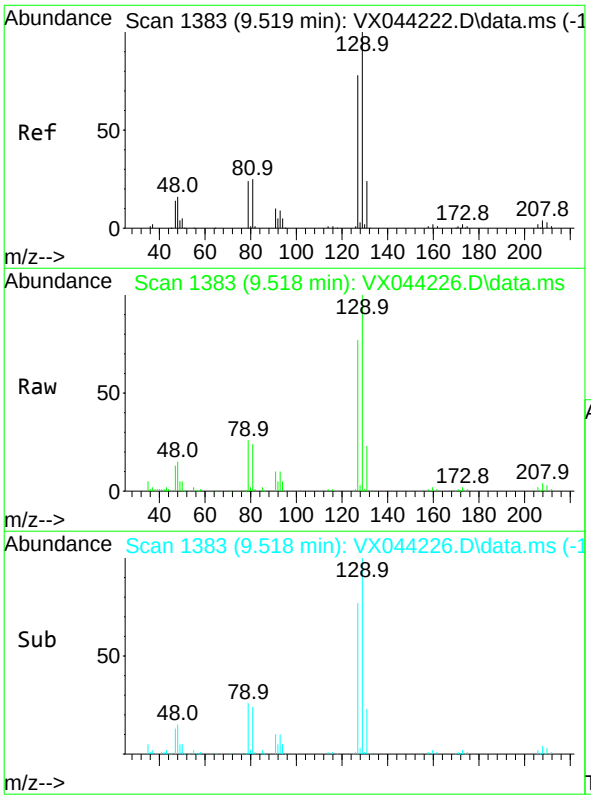
Ion	Ratio	Lower	Upper
43	100		
58	50.7	25.7	77.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

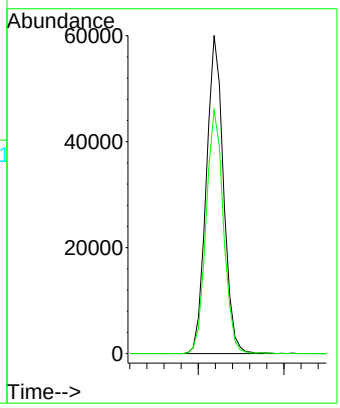
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

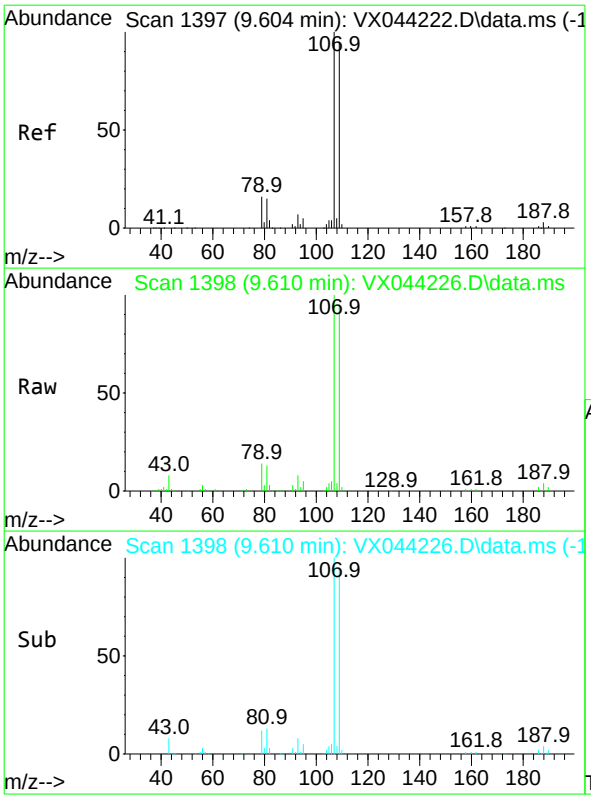


#60
Dibromochloromethane
Concen: 49.073 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:129 Resp: 83515

Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.5	115.3

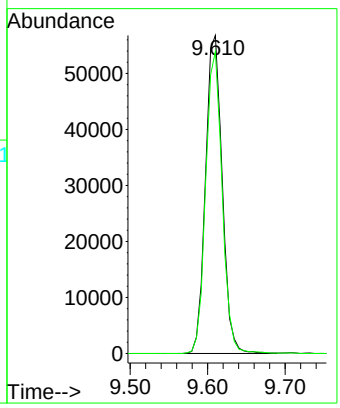




#61
1,2-Dibromoethane
Concen: 51.909 ug/l
RT: 9.610 min Scan# 13
Delta R.T. 0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:107 Resp: 85024

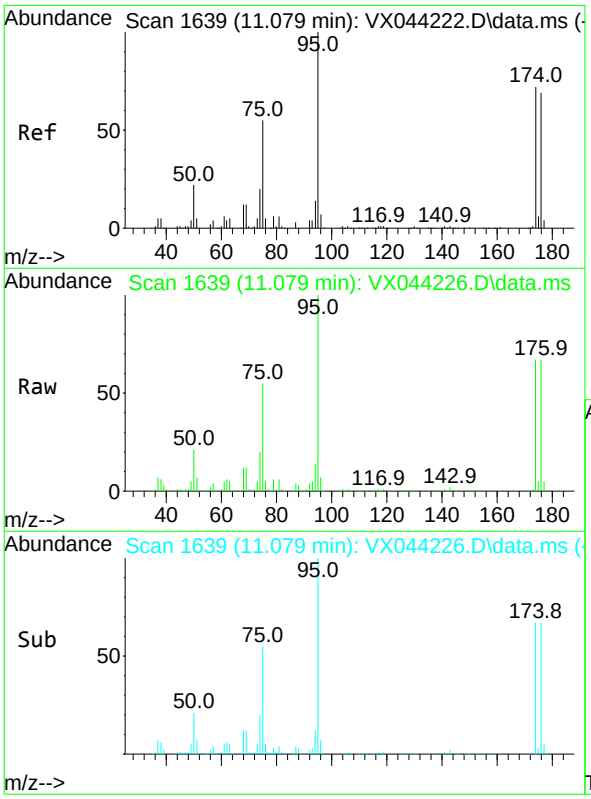
Ion	Ratio	Lower	Upper
107	100		
109	93.7	77.0	115.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

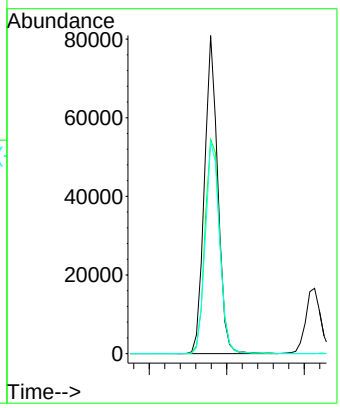
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

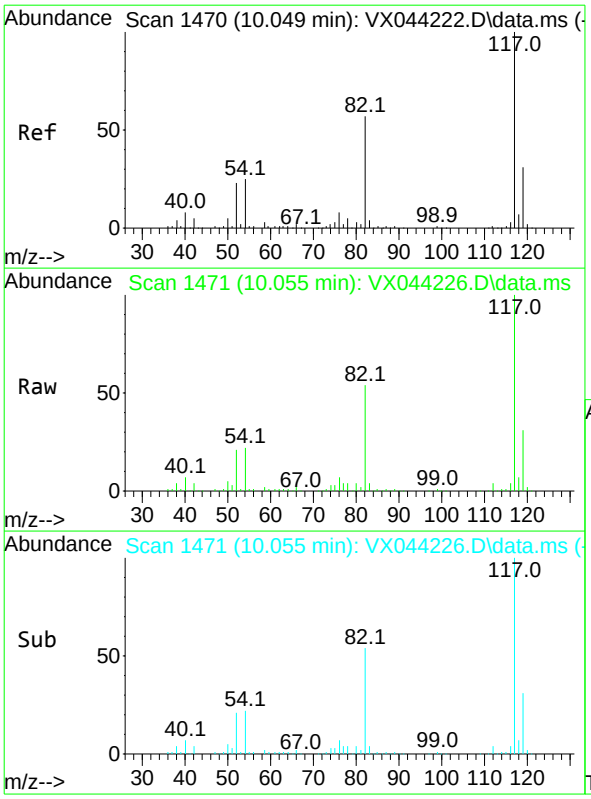


#62
4-Bromofluorobenzene
Concen: 50.098 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 95 Resp: 97061

Ion	Ratio	Lower	Upper
95	100		
174	74.3	0.0	145.8
176	71.4	0.0	137.8

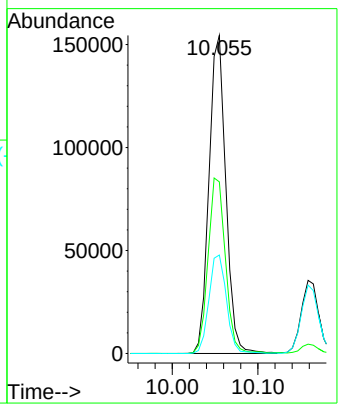




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:117 Resp: 210572

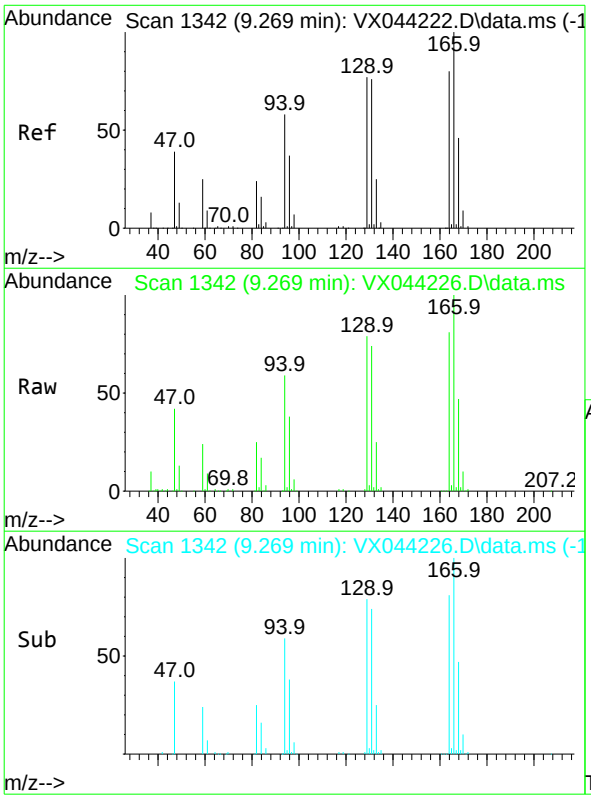
Ion	Ratio	Lower	Upper
117	100		
82	54.0	45.8	68.8
119	31.0	25.0	37.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

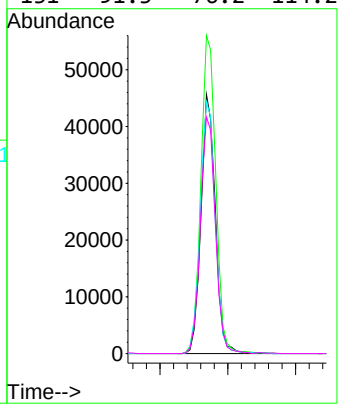
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

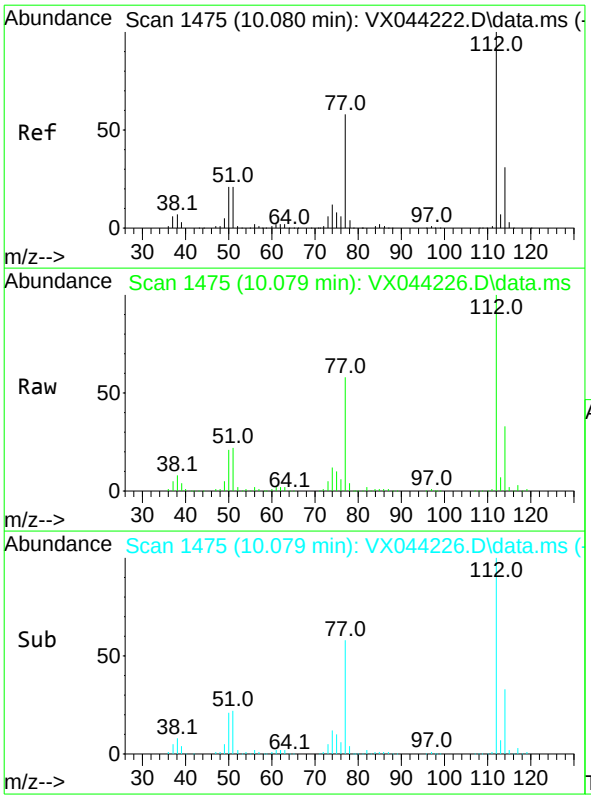


#64
Tetrachloroethene
Concen: 47.702 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:164 Resp: 66669

Ion	Ratio	Lower	Upper
164	100		
166	122.8	100.4	150.6
129	97.2	77.2	115.8
131	91.3	76.2	114.2

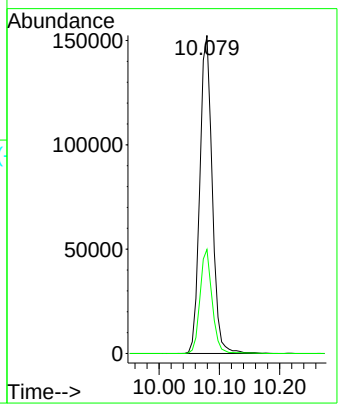




#65
Chlorobenzene
Concen: 48.133 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:112 Resp: 217180

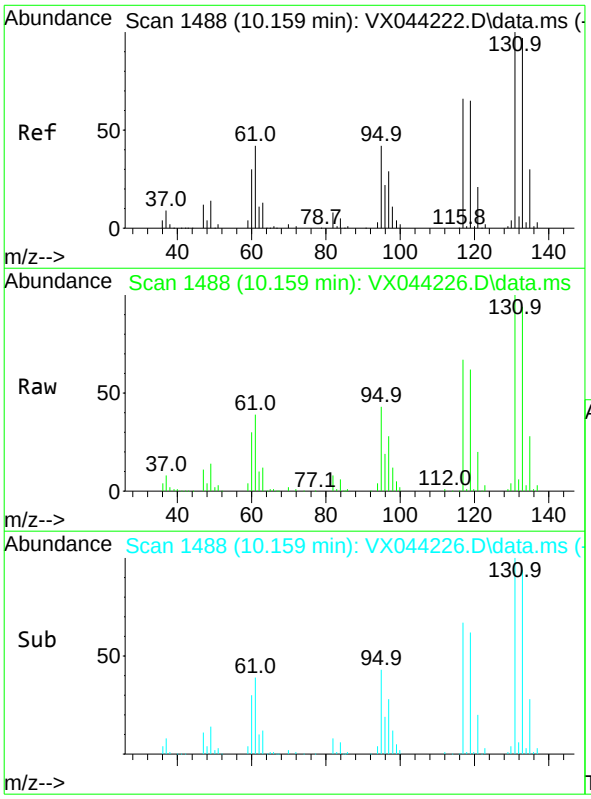
Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

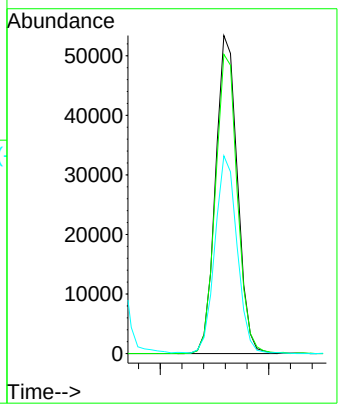
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

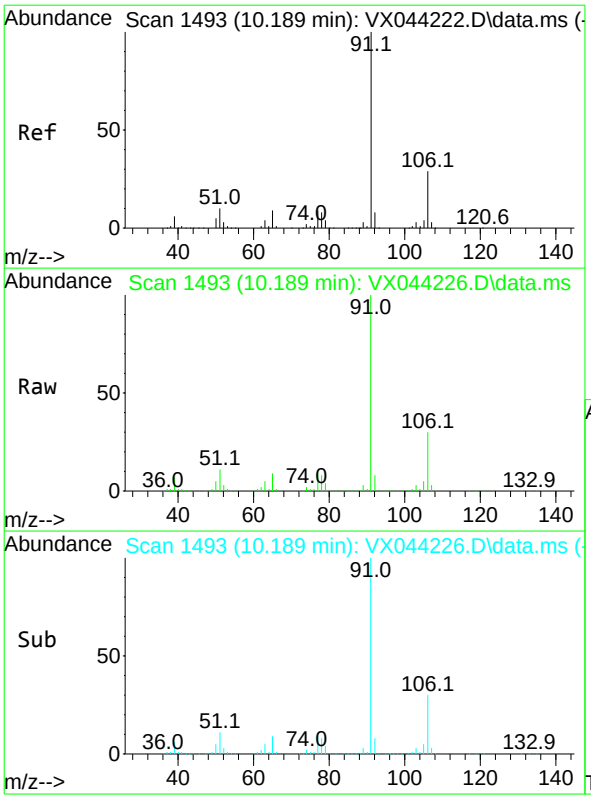


#66
1,1,1,2-Tetrachloroethane
Concen: 51.396 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:131 Resp: 74531

Ion	Ratio	Lower	Upper
131	100		
133	94.6	47.3	141.8
119	63.3	31.6	95.0

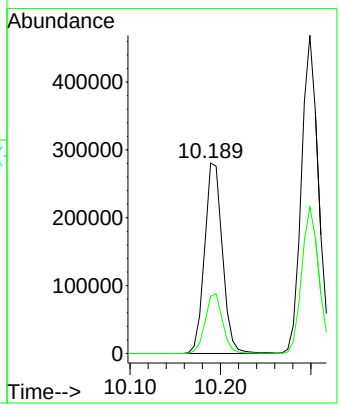




#67
Ethyl Benzene
Concen: 49.461 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 91 Resp: 385605

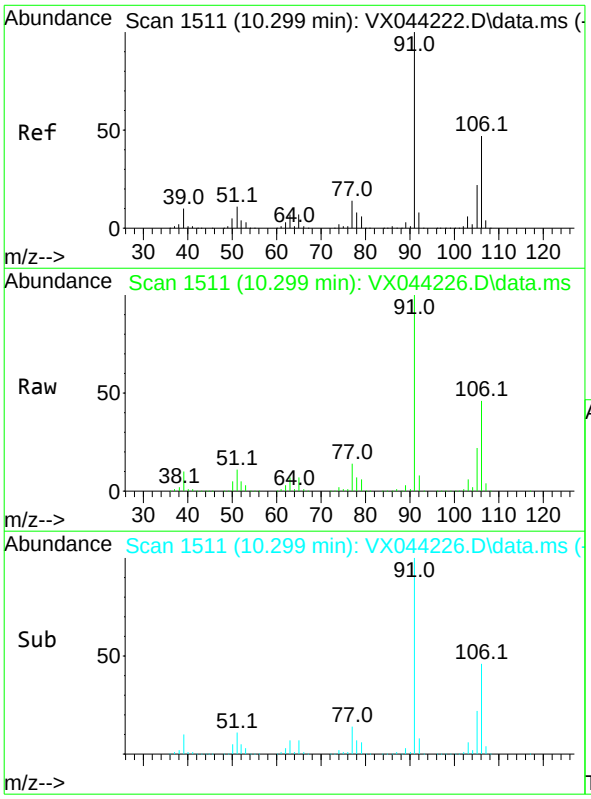
Ion	Ratio	Lower	Upper
91	100		
106	30.1	23.5	35.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations
APPROVED

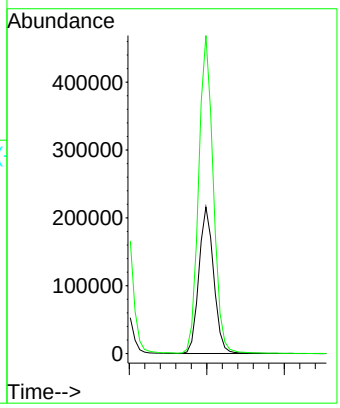
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

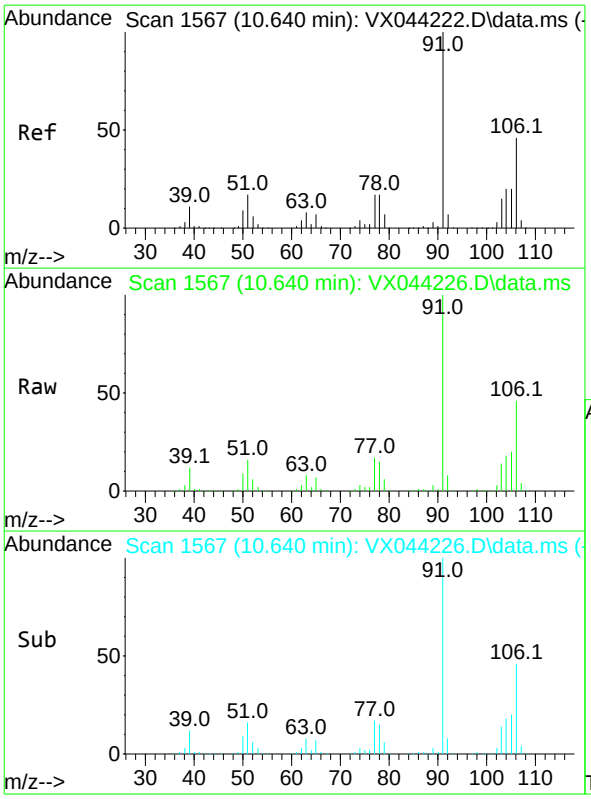


#68
m/p-Xylenes
Concen: 99.896 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:106 Resp: 285774

Ion	Ratio	Lower	Upper
106	100		
91	214.6	170.2	255.2

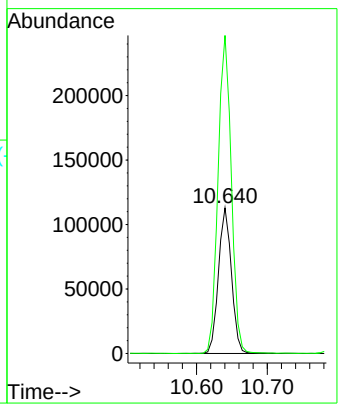




#69
o-Xylene
Concen: 49.750 ug/l
RT: 10.640 min Scan# 15
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:106 Resp: 144001

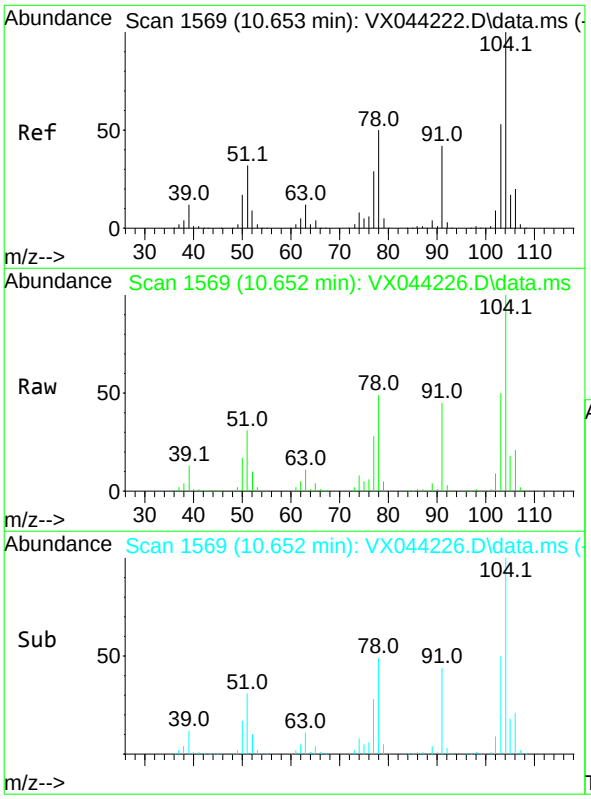
Ion	Ratio	Lower	Upper
106	100		
91	221.9	112.3	337.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

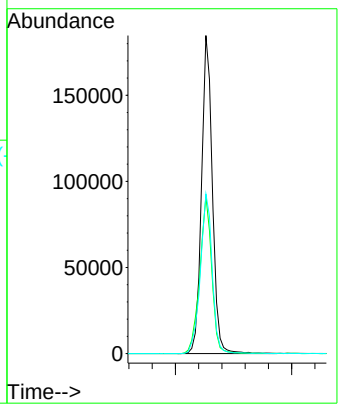
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

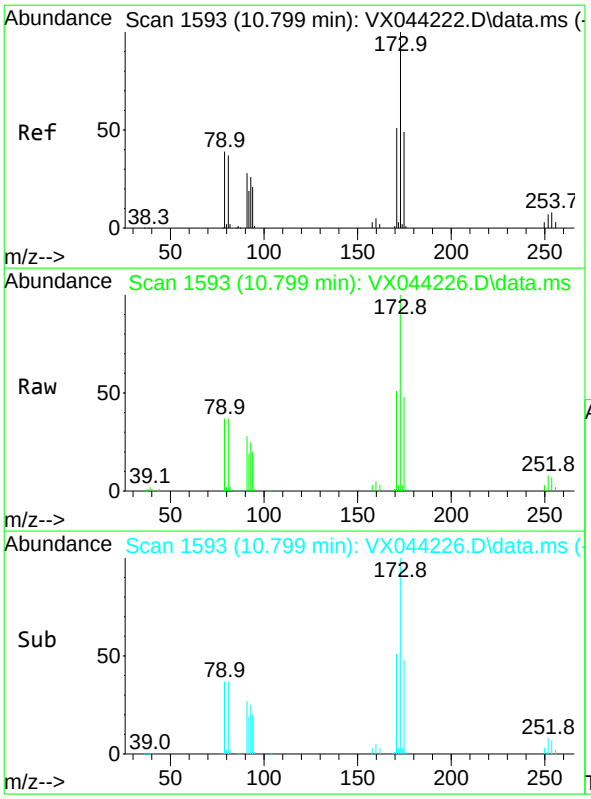


#70
Styrene
Concen: 51.617 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:104 Resp: 239508

Ion	Ratio	Lower	Upper
104	100		
78	54.5	44.6	67.0
103	54.9	45.4	68.0

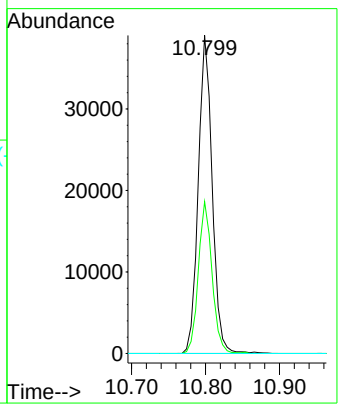




#71
Bromoform
Concen: 50.269 ug/l
RT: 10.799 min Scan# 15
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:173 Resp: 50972

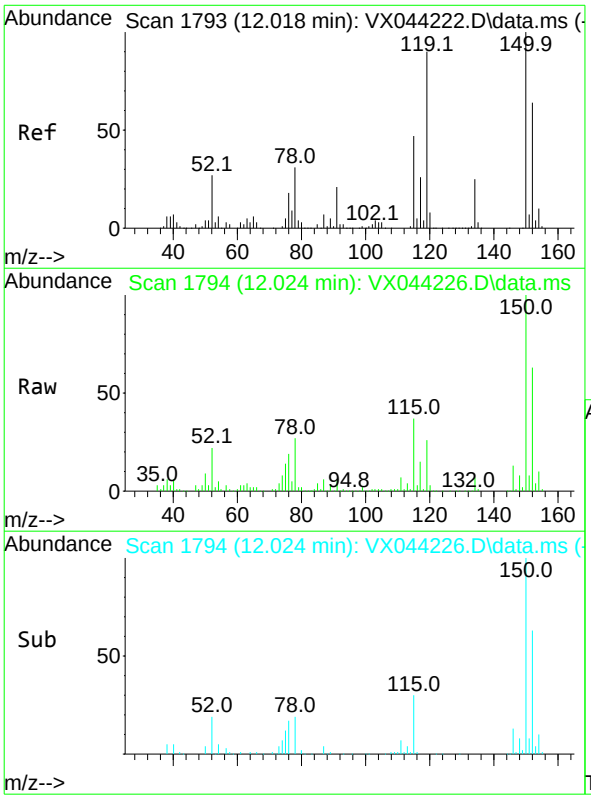
Ion	Ratio	Lower	Upper
173	100		
175	47.1	23.8	71.4
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations
APPROVED

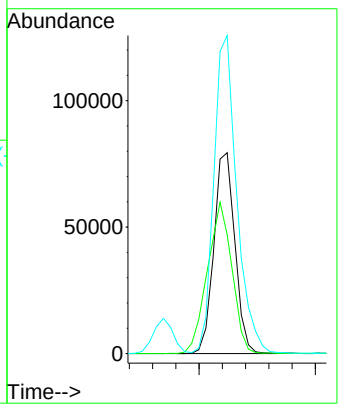
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

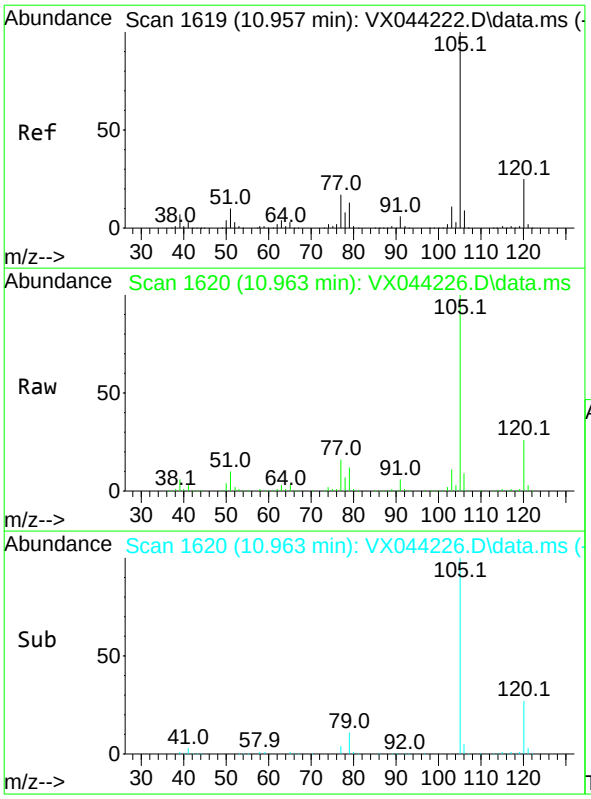


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:152 Resp: 99879

Ion	Ratio	Lower	Upper
152	100		
115	87.8	44.5	133.3
150	172.2	0.0	353.8

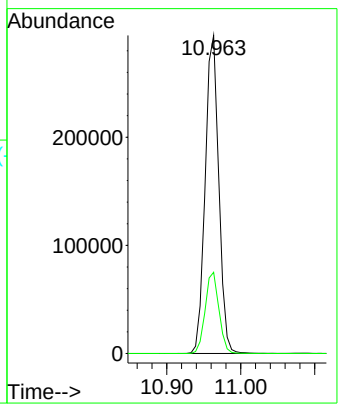




#73
Isopropylbenzene
Concen: 49.014 ug/l
RT: 10.963 min Scan# 16
Delta R.T. 0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:105 Resp: 374769

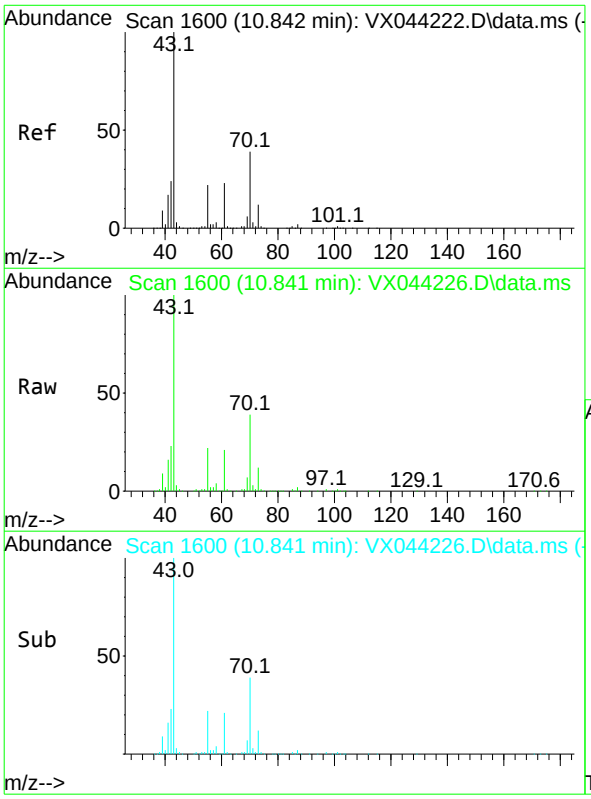
Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.1	39.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

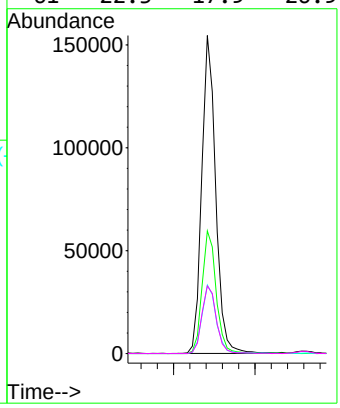
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

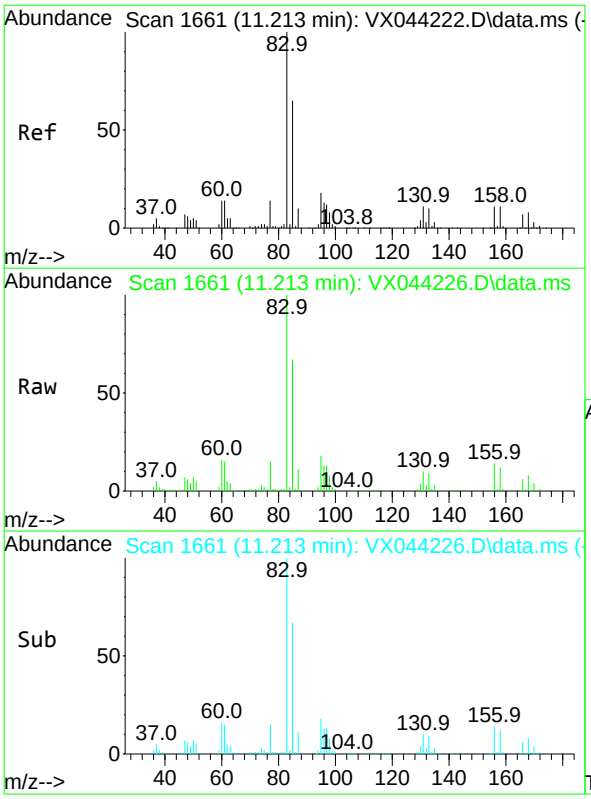


#74
N-amyl acetate
Concen: 52.003 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 43 Resp: 183763

Ion	Ratio	Lower	Upper
43	100		
70	39.0	31.9	47.9
55	22.4	17.9	26.9
61	22.3	17.9	26.9

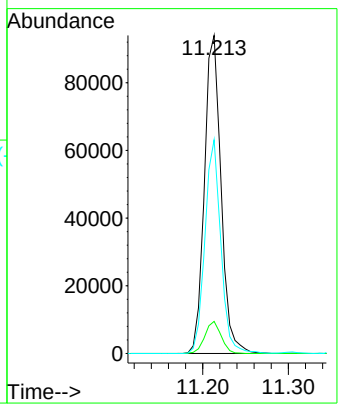




#75
1,1,2,2-Tetrachloroethane
Concen: 47.676 ug/l
RT: 11.213 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 83 Resp: 126615

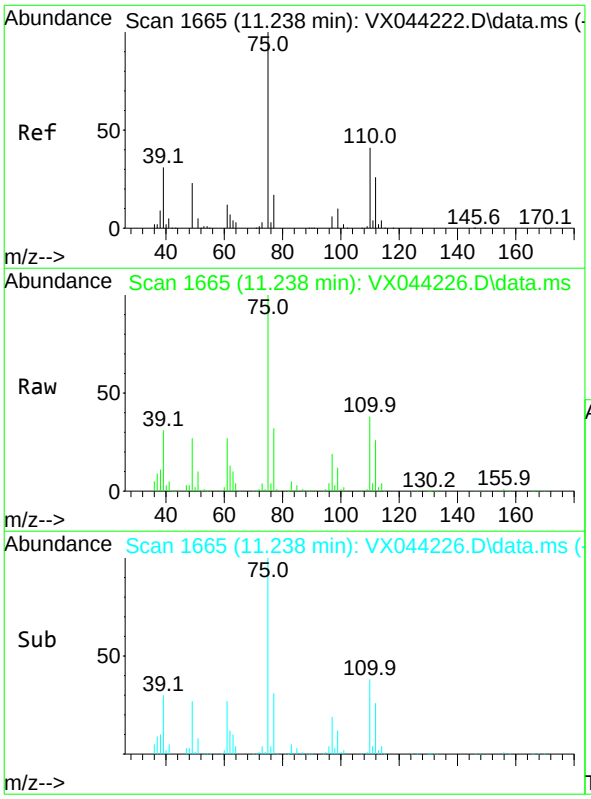
Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.1	15.4
85	64.4	32.5	97.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

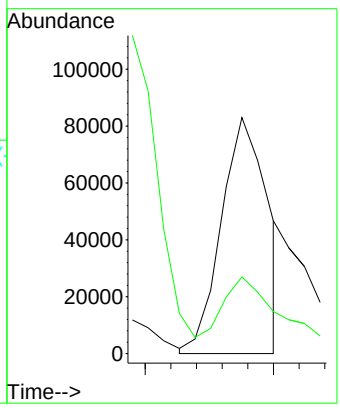
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

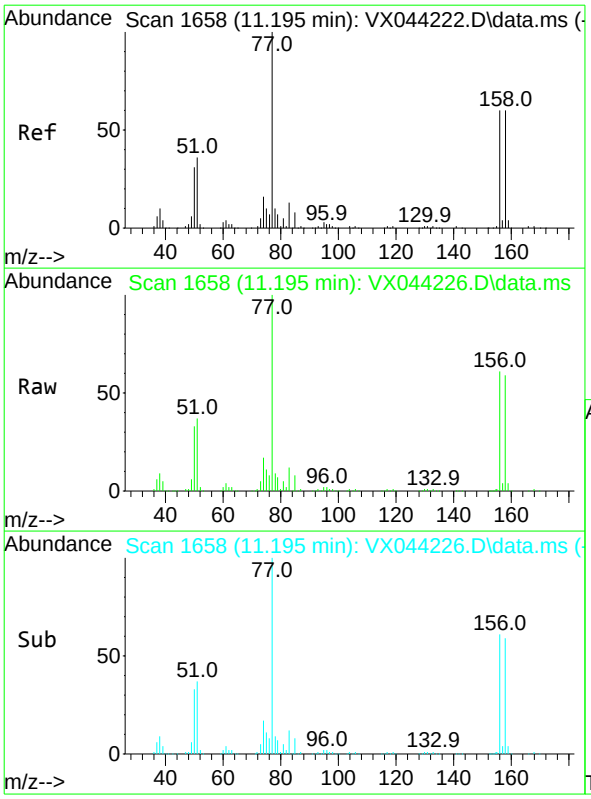


#76
1,2,3-Trichloropropane
Concen: 46.544 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 75 Resp: 103796

Ion	Ratio	Lower	Upper
75	100		
77	43.4	20.9	62.7

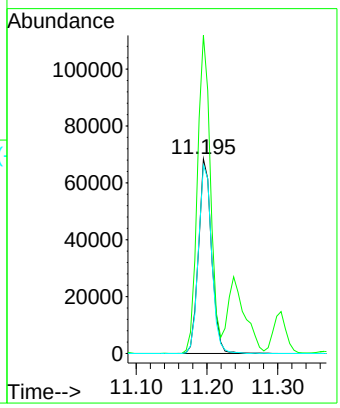




#77
Bromobenzene
Concen: 47.335 ug/l
RT: 11.195 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:156 Resp: 87767

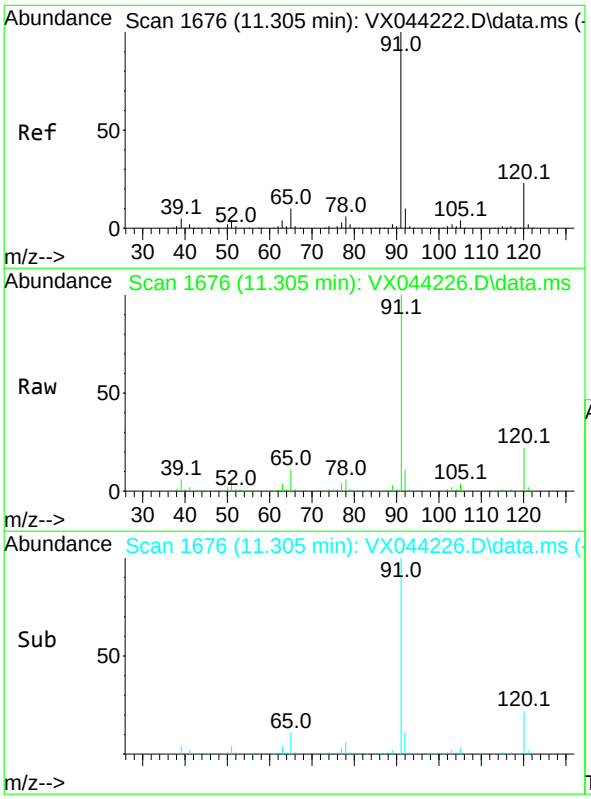
Ion	Ratio	Lower	Upper
156	100		
77	163.4	82.6	247.8
158	98.0	48.8	146.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

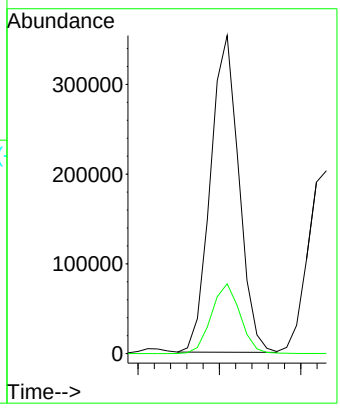
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

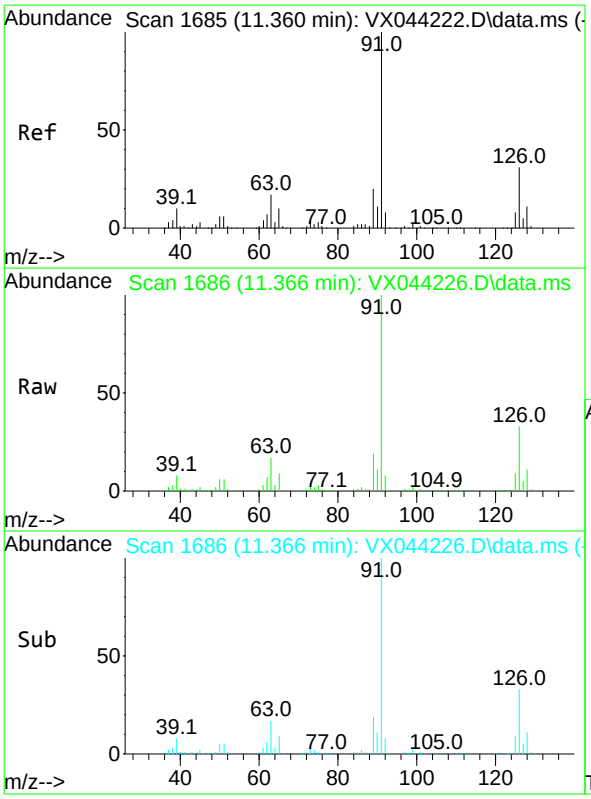


#78
n-propylbenzene
Concen: 50.816 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 91 Resp: 429443

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.0	33.0

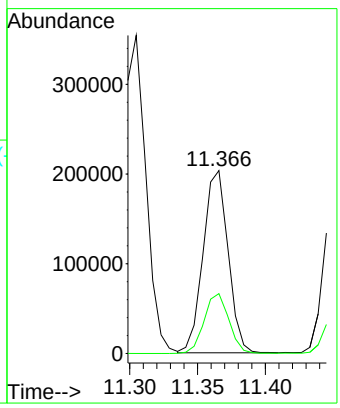




#79
2-Chlorotoluene
Concen: 47.546 ug/l
RT: 11.366 min Scan# 16
Delta R.T. 0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 91 Resp: 259860

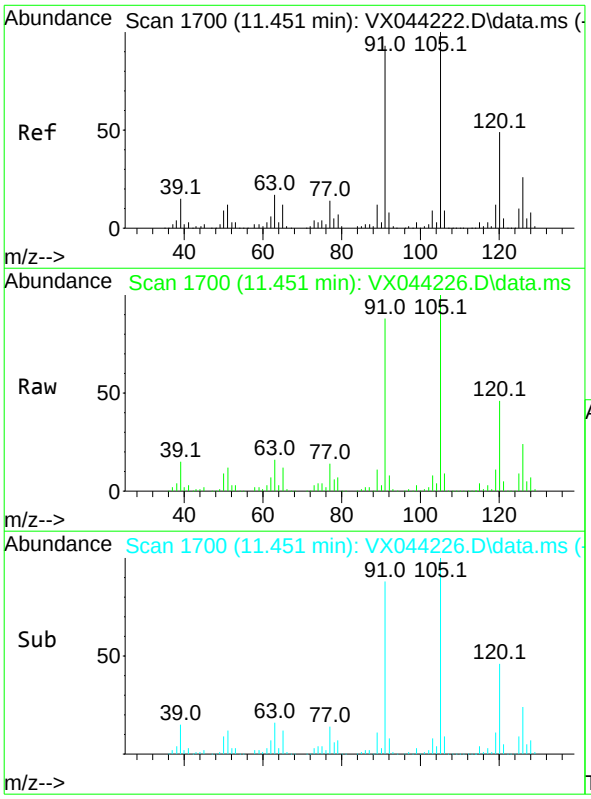
Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

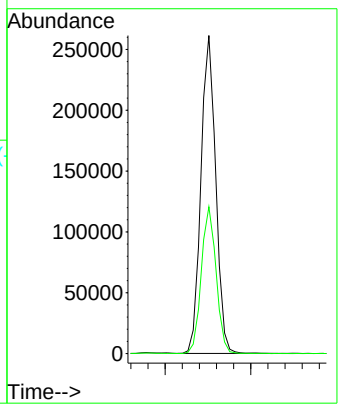
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

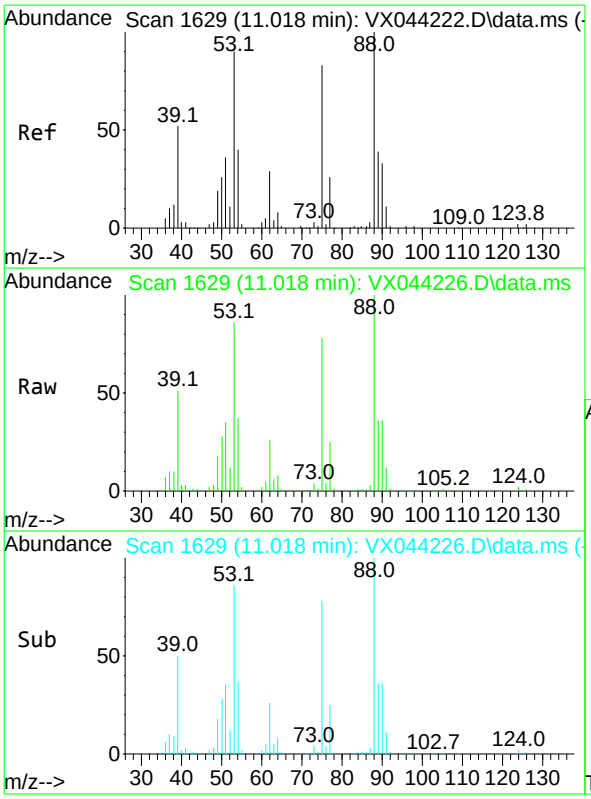


#80
1,3,5-Trimethylbenzene
Concen: 49.431 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:105 Resp: 313435

Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.8	71.4

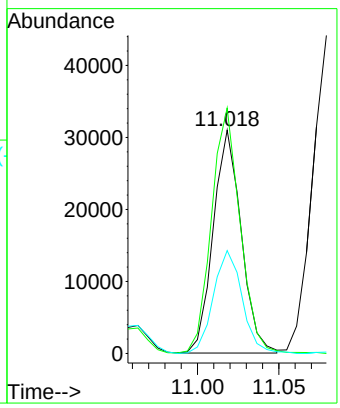




#81
trans-1,4-Dichloro-2-butene
Concen: 47.861 ug/l
RT: 11.018 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 75 Resp: 37038

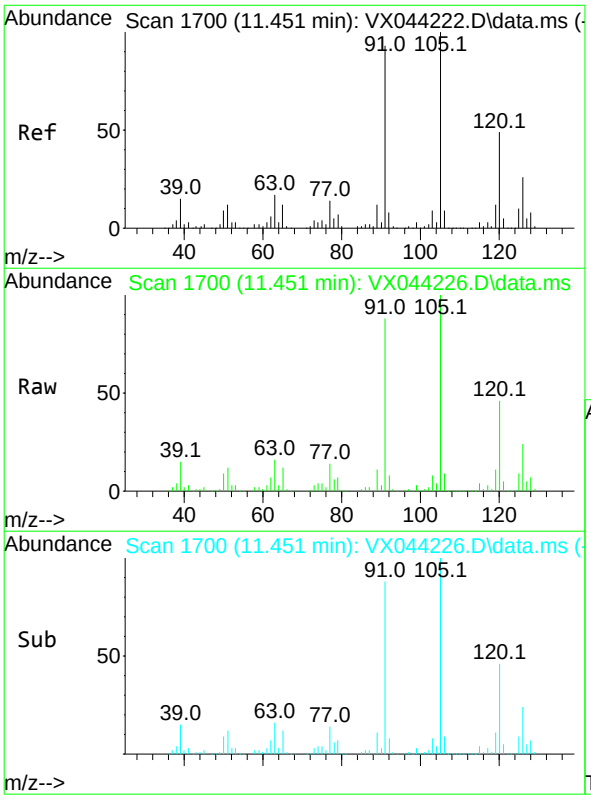
Ion	Ratio	Lower	Upper
75	100		
53	112.6	93.6	140.4
89	47.5	37.3	55.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

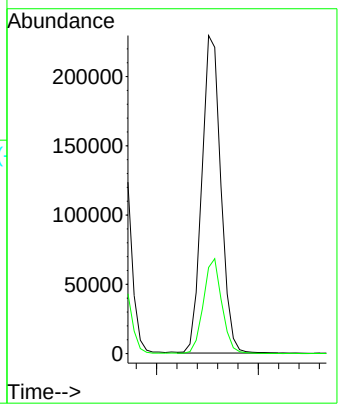
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

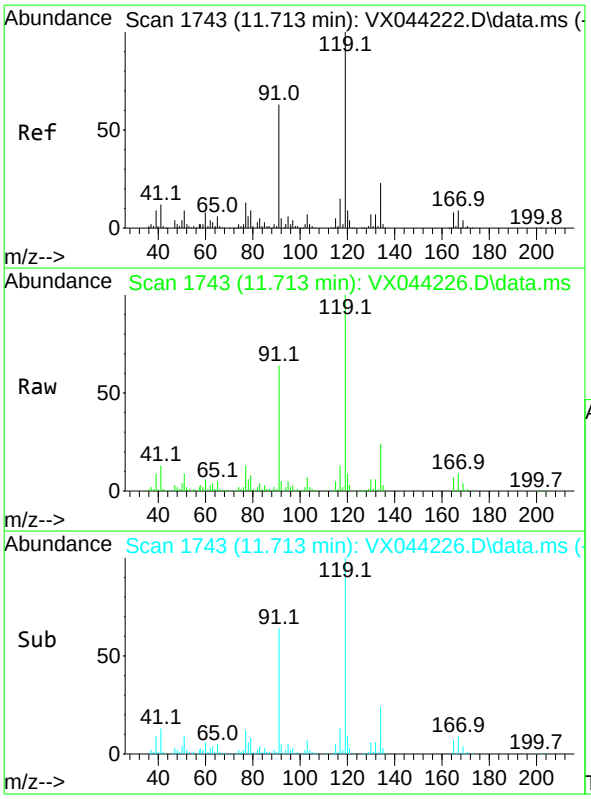


#82
4-Chlorotoluene
Concen: 49.178 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 91 Resp: 297641

Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.5	43.5

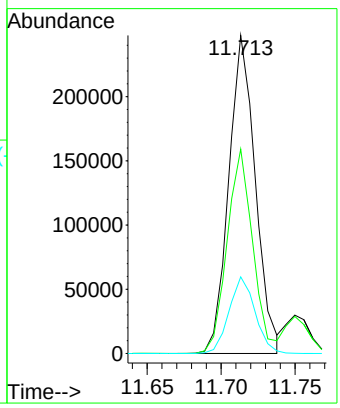




#83
tert-Butylbenzene
Concen: 49.384 ug/l
RT: 11.713 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:119 Resp: 309463

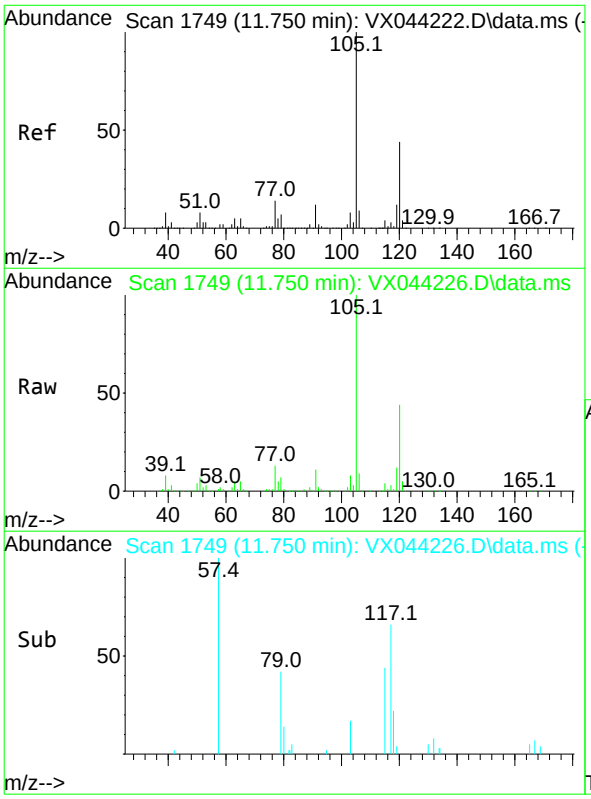
Ion	Ratio	Lower	Upper
119	100		
91	62.1	30.9	92.5
134	23.6	11.5	34.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

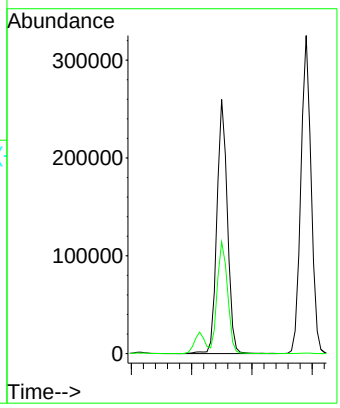
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

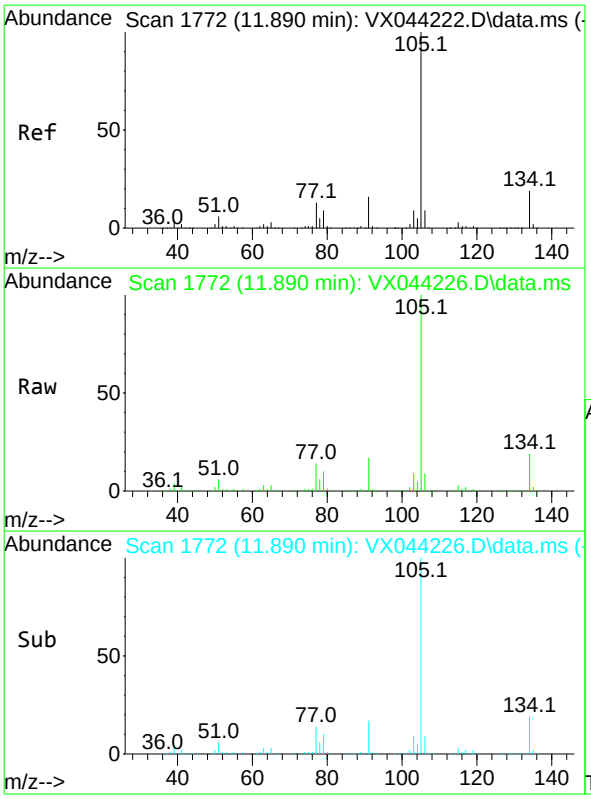


#84
1,2,4-Trimethylbenzene
Concen: 50.333 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:105 Resp: 313433

Ion	Ratio	Lower	Upper
105	100		
120	43.3	21.7	65.1

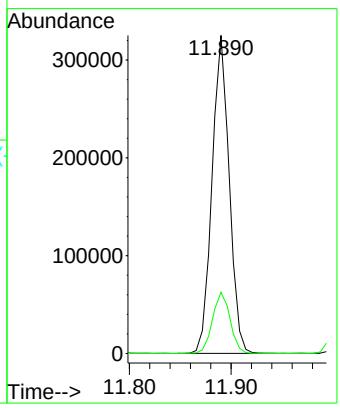




#85
sec-Butylbenzene
Concen: 50.097 ug/l
RT: 11.890 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:105 Resp: 381109

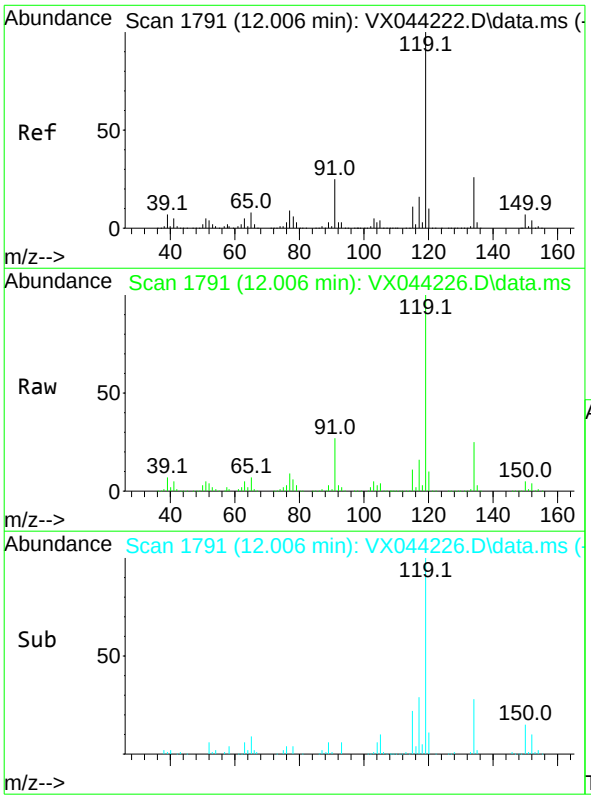
Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.8	29.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

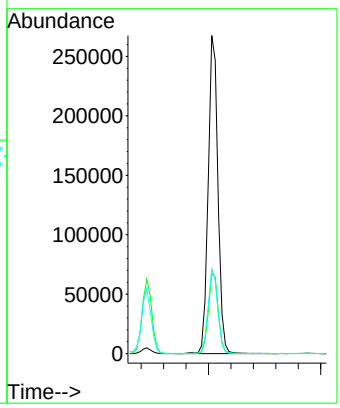
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

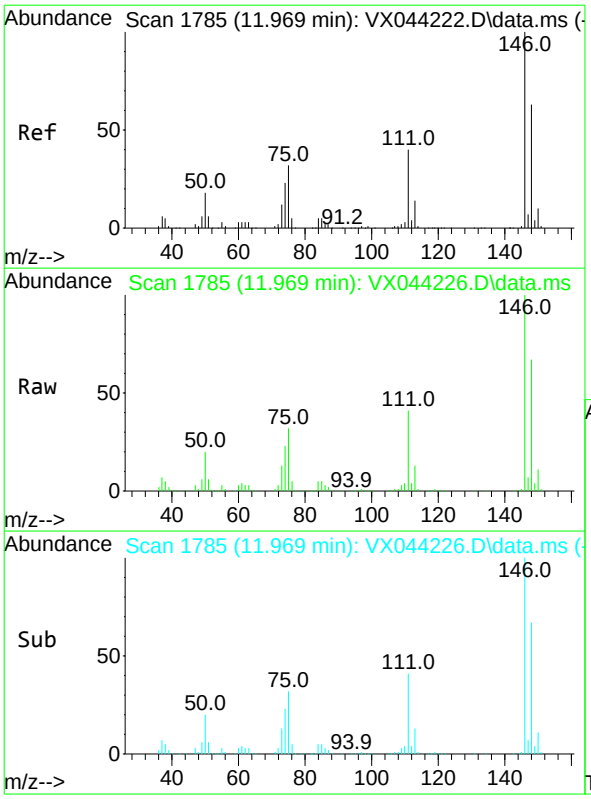


#86
p-Isopropyltoluene
Concen: 50.678 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:119 Resp: 320882

Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.8	38.4
91	26.3	13.0	39.0

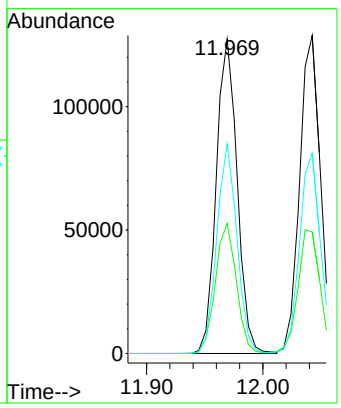




#87
1,3-Dichlorobenzene
Concen: 49.122 ug/l
RT: 11.969 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:146 Resp: 159094

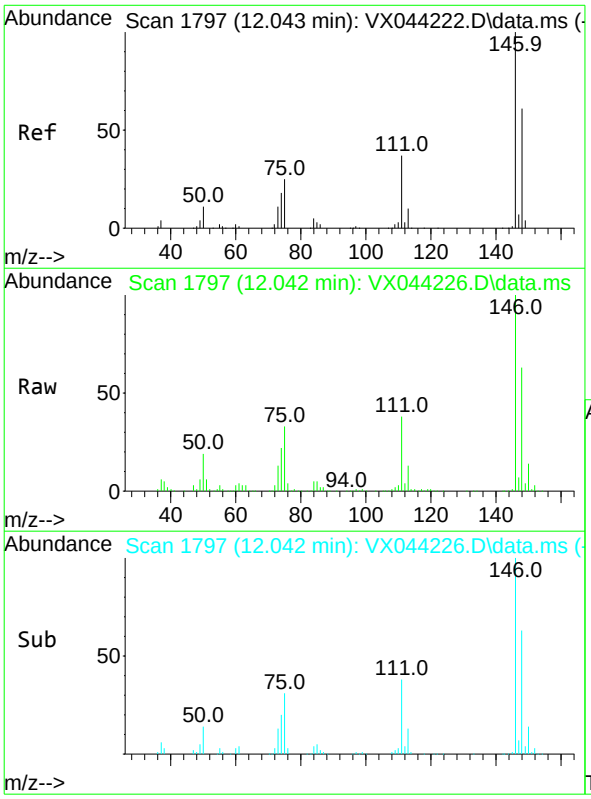
Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.4	64.2
148	64.7	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

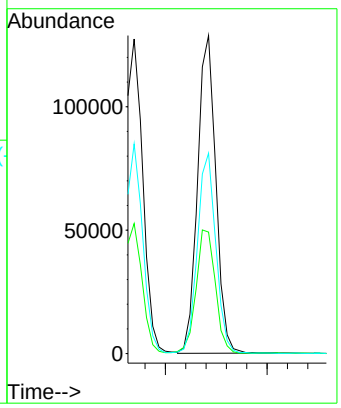
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

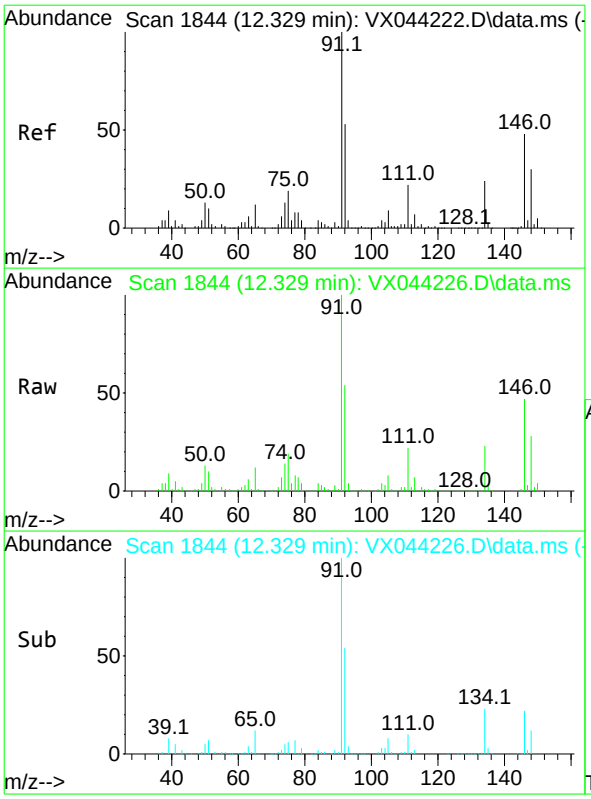


#88
1,4-Dichlorobenzene
Concen: 48.280 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:146 Resp: 160742

Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.0	63.0
148	63.6	32.3	96.8

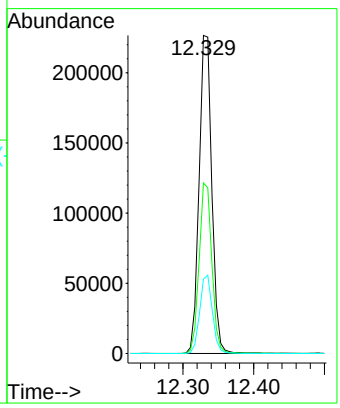




#89
n-Butylbenzene
Concen: 53.207 ug/l
RT: 12.329 min Scan# 18
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 91 Resp: 283284

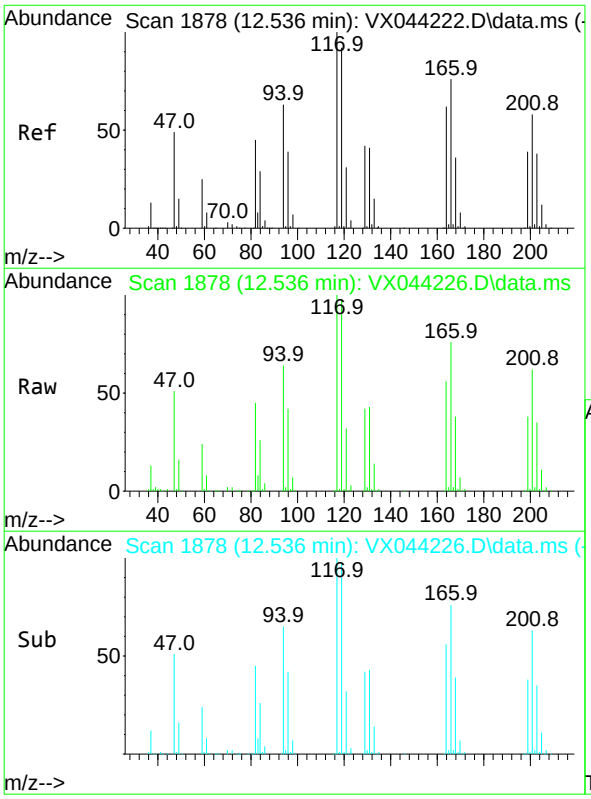
Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.6	79.7
134	24.3	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations
APPROVED

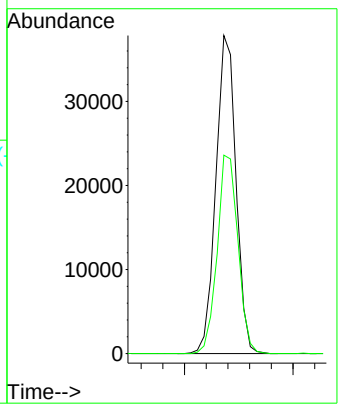
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

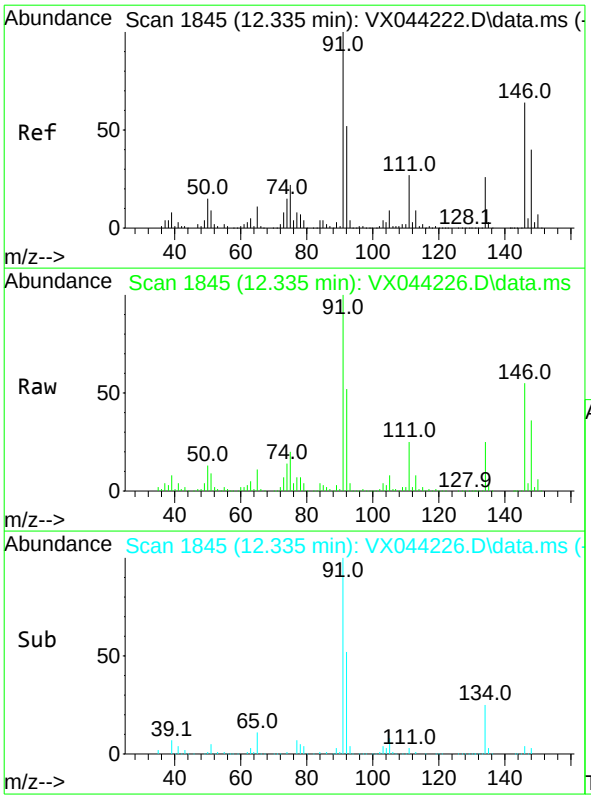


#90
Hexachloroethane
Concen: 52.727 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:117 Resp: 48734

Ion	Ratio	Lower	Upper
117	100		
201	64.3	31.4	94.2





#91
1,2-Dichlorobenzene
Concen: 47.589 ug/l
RT: 12.335 min Scan# 18
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

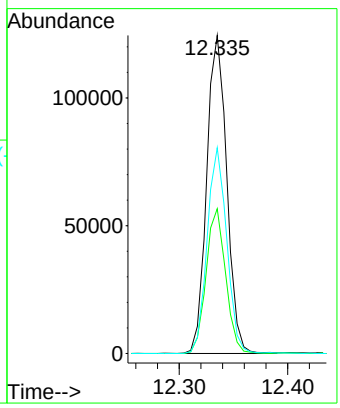
Tgt Ion:146 Resp: 160039

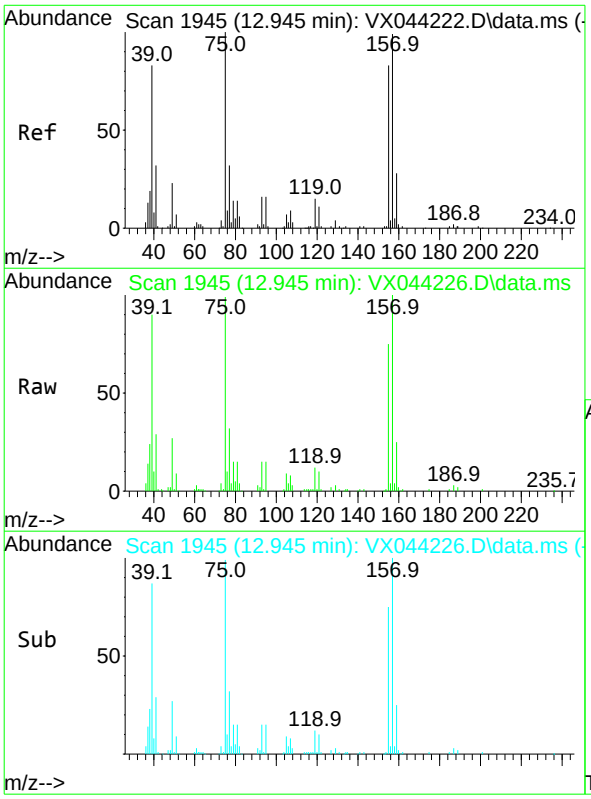
Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.4	64.3
148	63.4	31.6	95.0

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

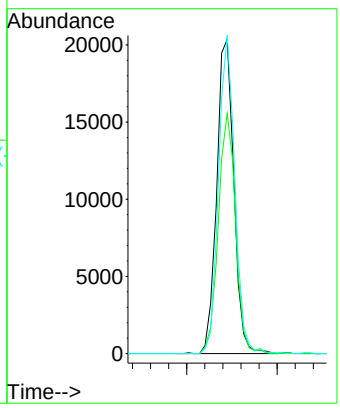


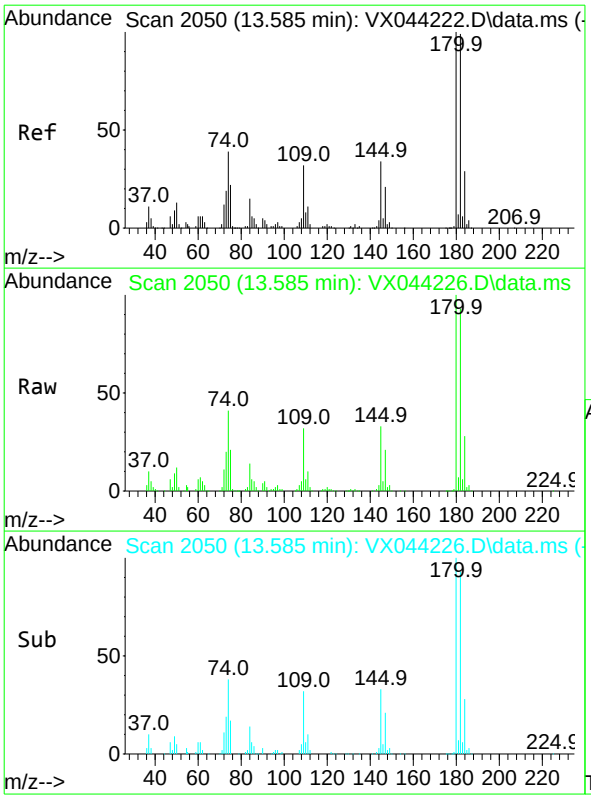


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.864 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 75 Resp: 26738

Ion	Ratio	Lower	Upper
75	100		
155	76.5	38.1	114.3
157	96.3	47.2	141.6

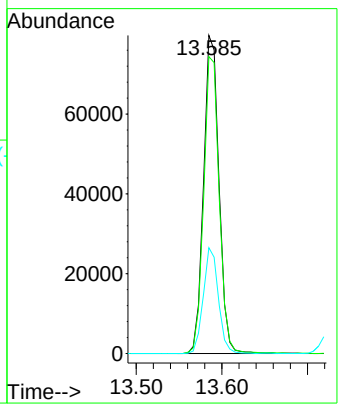




#93
1,2,4-Trichlorobenzene
Concen: 53.940 ug/l
RT: 13.585 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:180 Resp: 99449

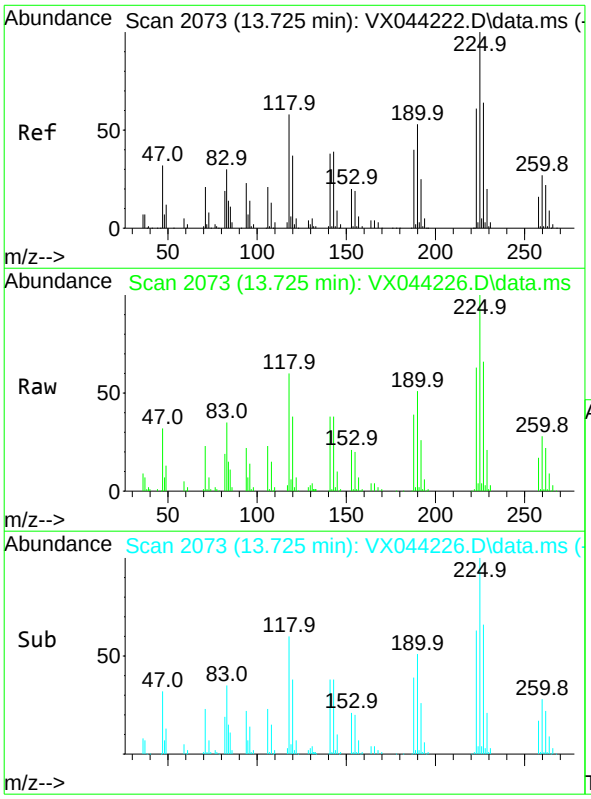
Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.0	144.2
145	32.6	16.6	49.7



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

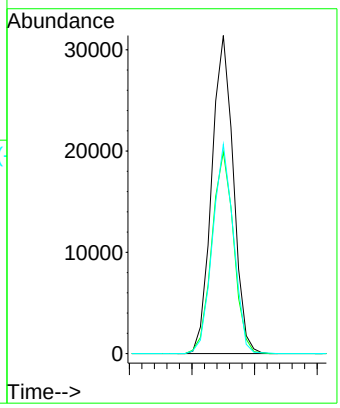
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

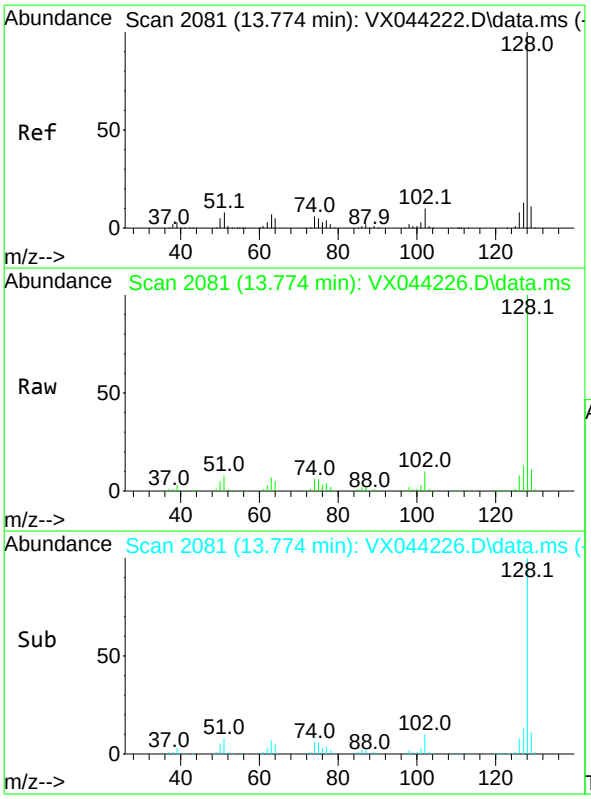


#94
Hexachlorobutadiene
Concen: 50.770 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:225 Resp: 37651

Ion	Ratio	Lower	Upper
225	100		
223	63.9	30.8	92.4
227	63.7	32.1	96.3

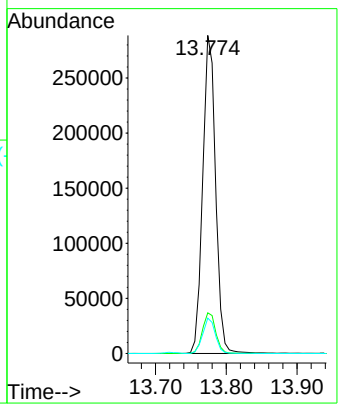




#95
Naphthalene
Concen: 50.827 ug/l
RT: 13.774 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:128 Resp: 365781

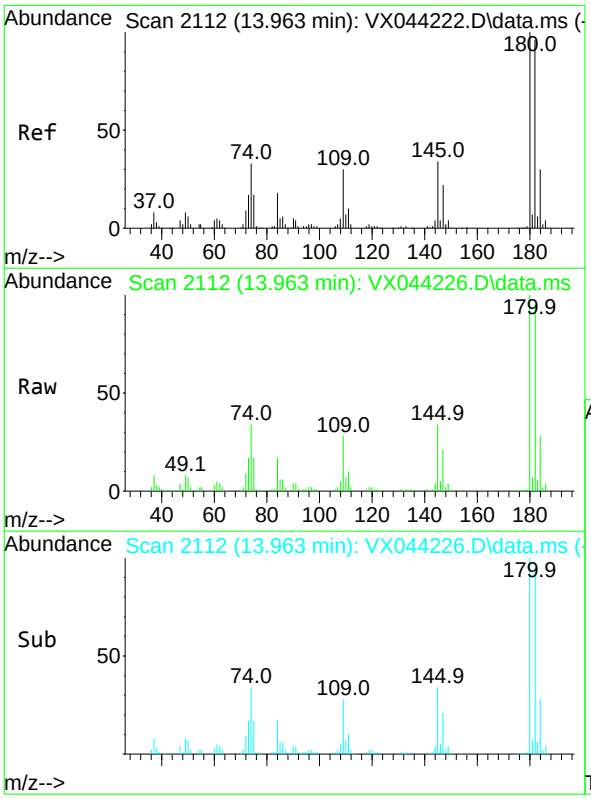
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.9	9.0	13.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Manual Integrations APPROVED

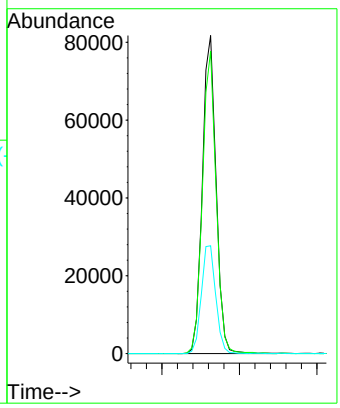
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#96
1,2,3-Trichlorobenzene
Concen: 51.244 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:180 Resp: 100209

Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.0	144.0
145	35.7	17.7	53.1



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044226.D
Acq On : 11 Dec 2024 13:51
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Quant Time: Dec 12 04:32:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
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	107	0.00
2	T	Dichlorodifluoromethane	0.773	0.779	-0.8	106	0.00
3	P	Chloromethane	0.739	0.690	6.6	98	0.00
4	C	Vinyl Chloride	0.770	0.728	5.5#	99	0.00
5	T	Bromomethane	0.546	0.502	8.1	97	0.00
6	T	Chloroethane	0.480	0.468	2.5	94	0.00
7	T	Trichlorofluoromethane	1.508	1.517	-0.6	105	0.00
8	T	Diethyl Ether	0.515	0.470	8.7	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.610	0.615	-0.8	107	0.00
10	T	Methyl Iodide	0.804	0.745	7.3	94	0.00
11	T	Tert butyl alcohol	0.124	0.115	7.3	102	0.00
12	CM	1,1-Dichloroethene	0.560	0.553	1.3#	99	0.00
13	T	Acrolein	0.179	0.167	6.7	96	0.00
14	T	Allyl chloride	0.933	0.929	0.4	98	0.00
15	T	Acrylonitrile	0.342	0.329	3.8	98	0.00
16	T	Acetone	0.357	0.388	-8.7	109	0.00
17	T	Carbon Disulfide	1.065	1.116	-4.8	104	0.00
18	T	Methyl Acetate	0.922	0.861	6.6	96	0.00
19	T	Methyl tert-butyl Ether	2.187	2.097	4.1	97	0.00
20	T	Methylene Chloride	0.671	0.620	7.6	96	0.00
21	T	trans-1,2-Dichloroethene	0.596	0.577	3.2	100	0.00
22	T	Diisopropyl ether	2.102	1.973	6.1	97	0.00
23	T	Vinyl Acetate	1.709	1.767	-3.4	99	0.00
24	P	1,1-Dichloroethane	1.172	1.126	3.9	97	0.00
25	T	2-Butanone	0.508	0.516	-1.6	100	0.00
26	T	2,2-Dichloropropane	0.952	1.045	-9.8	107	0.00
27	T	cis-1,2-Dichloroethene	0.756	0.707	6.5	98	0.00
28	T	Bromochloromethane	0.575	0.515	10.4	93	0.00
29	T	Tetrahydrofuran	0.326	0.311	4.6	98	0.00
30	C	Chloroform	1.316	1.217	7.5#	97	0.00
31	T	Cyclohexane	0.946	0.936	1.1	102	0.00
32	T	1,1,1-Trichloroethane	1.093	1.090	0.3	99	0.00
33	S	1,2-Dichloroethane-d4	0.877	0.800	8.8	93	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
35	S	Dibromofluoromethane	0.346	0.327	5.5	91	0.00
36	T	1,1-Dichloropropene	0.448	0.450	-0.4	103	0.00
37	T	Ethyl Acetate	0.553	0.577	-4.3	101	0.00
38	T	Carbon Tetrachloride	0.482	0.499	-3.5	101	0.00
39	T	Methylcyclohexane	0.535	0.586	-9.5	107	0.00
40	TM	Benzene	1.359	1.333	1.9	96	0.00
41	T	Methacrylonitrile	0.294	0.288	2.0	97	0.00
42	TM	1,2-Dichloroethane	0.560	0.559	0.2	97	0.00
43	T	Isopropyl Acetate	0.865	0.893	-3.2	99	0.00
44	TM	Trichloroethene	0.339	0.337	0.6	98	0.00
45	C	1,2-Dichloropropane	0.347	0.330	4.9#	94	0.00
46	T	Dibromomethane	0.269	0.276	-2.6	98	0.00
47	T	Bromodichloromethane	0.465	0.492	-5.8	98	0.00
48	T	Methyl methacrylate	0.420	0.427	-1.7	98	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044226.D
Acq On : 11 Dec 2024 13:51
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Quant Time: Dec 12 04:32:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
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	0.007	0.006	14.3	87	0.00
50	S	Toluene-d8	1.168	1.144	2.1	93	0.00
51	T	4-Methyl-2-Pentanone	0.556	0.567	-2.0	98	0.00
52	CM	Toluene	0.853	0.840	1.5#	97	0.00
53	T	t-1,3-Dichloropropene	0.455	0.509	-11.9	101	0.00
54	T	cis-1,3-Dichloropropene	0.507	0.543	-7.1	97	0.00
55	T	1,1,2-Trichloroethane	0.339	0.343	-1.2	97	0.00
56	T	Ethyl methacrylate	0.535	0.566	-5.8	100	0.00
57	T	1,3-Dichloropropane	0.590	0.580	1.7	96	0.00
58	T	2-Chloroethyl Vinyl ether	0.270	0.280	-3.7	97	0.00
59	T	2-Hexanone	0.403	0.438	-8.7	101	0.00
60	T	Dibromochloromethane	0.326	0.352	-8.0	97	0.00
61	T	1,2-Dibromoethane	0.345	0.358	-3.8	99	0.00
62	S	4-Bromofluorobenzene	0.408	0.409	-0.2	94	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64	T	Tetrachloroethene	0.332	0.317	4.5	101	0.00
65	PM	Chlorobenzene	1.071	1.031	3.7	97	0.00
66	T	1,1,1,2-Tetrachloroethane	0.344	0.354	-2.9	97	0.00
67	C	Ethyl Benzene	1.851	1.831	1.1#	98	0.00
68	T	m/p-Xylenes	0.679	0.679	0.0	98	0.00
69	T	o-Xylene	0.687	0.684	0.4	100	0.00
70	T	Styrene	1.102	1.137	-3.2	100	0.00
71	P	Bromoform	0.219	0.242	-10.5	101	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73	T	Isopropylbenzene	3.828	3.752	2.0	101	0.00
74	T	N-amyl acetate	1.769	1.840	-4.0	101	0.00
75	P	1,1,2,2-Tetrachloroethane	1.329	1.268	4.6	100	0.00
76	T	1,2,3-Trichloropropane	1.116	1.039	6.9	97	0.00
77	T	Bromobenzene	0.928	0.879	5.3	98	0.00
78	T	n-propylbenzene	4.231	4.300	-1.6	100	0.00
79	T	2-Chlorotoluene	2.736	2.602	4.9	98	0.00
80	T	1,3,5-Trimethylbenzene	3.174	3.138	1.1	100	0.00
81	T	trans-1,4-Dichloro-2-butene	0.347	0.371	-6.9	105	0.00
82	T	4-Chlorotoluene	3.030	2.980	1.7	100	0.00
83	T	tert-Butylbenzene	3.137	3.098	1.2	100	0.00
84	T	1,2,4-Trimethylbenzene	3.117	3.138	-0.7	100	0.00
85	T	sec-Butylbenzene	3.808	3.816	-0.2	100	0.00
86	T	p-Isopropyltoluene	3.170	3.213	-1.4	101	0.00
87	T	1,3-Dichlorobenzene	1.621	1.593	1.7	99	0.00
88	T	1,4-Dichlorobenzene	1.667	1.609	3.5	101	0.00
89	T	n-Butylbenzene	2.665	2.836	-6.4	105	0.00
90	T	Hexachloroethane	0.463	0.488	-5.4	101	0.00
91	T	1,2-Dichlorobenzene	1.683	1.602	4.8	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.258	0.268	-3.9	103	0.00
93	T	1,2,4-Trichlorobenzene	0.923	0.996	-7.9	107	0.00
94	T	Hexachlorobutadiene	0.371	0.377	-1.6	107	0.00
95	T	Naphthalene	3.603	3.662	-1.6	100	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044226.D
Acq On : 11 Dec 2024 13:51
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Quant Time: Dec 12 04:32:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.979	1.003	-2.5	103	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044226.D
Acq On : 11 Dec 2024 13:51
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Quant Time: Dec 12 04:32:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
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	107	0.00
2	T	Dichlorodifluoromethane	50.000	50.390	-0.8	106	0.00
3	P	Chloromethane	50.000	46.681	6.6	98	0.00
4	C	Vinyl Chloride	50.000	47.260	5.5#	99	0.00
5	T	Bromomethane	50.000	45.926	8.1	97	0.00
6	T	Chloroethane	50.000	48.801	2.4	94	0.00
7	T	Trichlorofluoromethane	50.000	50.311	-0.6	105	0.00
8	T	Diethyl Ether	50.000	45.658	8.7	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.374	-0.7	107	0.00
10	T	Methyl Iodide	50.000	46.349	7.3	94	0.00
11	T	Tert butyl alcohol	250.000	233.680	6.5	102	0.00
12	CM	1,1-Dichloroethene	50.000	49.311	1.4#	99	0.00
13	T	Acrolein	250.000	233.162	6.7	96	0.00
14	T	Allyl chloride	50.000	49.744	0.5	98	0.00
15	T	Acrylonitrile	250.000	240.620	3.8	98	0.00
16	T	Acetone	250.000	271.312	-8.5	109	0.00
17	T	Carbon Disulfide	50.000	52.397	-4.8	104	0.00
18	T	Methyl Acetate	50.000	46.725	6.5	96	0.00
19	T	Methyl tert-butyl Ether	50.000	47.940	4.1	97	0.00
20	T	Methylene Chloride	50.000	46.170	7.7	96	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.459	3.1	100	0.00
22	T	Diisopropyl ether	50.000	46.922	6.2	97	0.00
23	T	Vinyl Acetate	250.000	258.510	-3.4	99	0.00
24	P	1,1-Dichloroethane	50.000	48.056	3.9	97	0.00
25	T	2-Butanone	250.000	253.747	-1.5	100	0.00
26	T	2,2-Dichloropropane	50.000	54.872	-9.7	107	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.709	6.6	98	0.00
28	T	Bromochloromethane	50.000	44.832	10.3	93	0.00
29	T	Tetrahydrofuran	250.000	238.031	4.8	98	0.00
30	C	Chloroform	50.000	46.235	7.5#	97	0.00
31	T	Cyclohexane	50.000	49.443	1.1	102	0.00
32	T	1,1,1-Trichloroethane	50.000	49.895	0.2	99	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.646	8.7	93	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35	S	Dibromofluoromethane	50.000	47.228	5.5	91	0.00
36	T	1,1-Dichloropropene	50.000	50.314	-0.6	103	0.00
37	T	Ethyl Acetate	50.000	52.176	-4.4	101	0.00
38	T	Carbon Tetrachloride	50.000	51.763	-3.5	101	0.00
39	T	Methylcyclohexane	50.000	54.761	-9.5	107	0.00
40	TM	Benzene	50.000	49.052	1.9	96	0.00
41	T	Methacrylonitrile	50.000	48.945	2.1	97	0.00
42	TM	1,2-Dichloroethane	50.000	49.960	0.1	97	0.00
43	T	Isopropyl Acetate	50.000	51.624	-3.2	99	0.00
44	TM	Trichloroethene	50.000	49.741	0.5	98	0.00
45	C	1,2-Dichloropropane	50.000	47.528	4.9#	94	0.00
46	T	Dibromomethane	50.000	51.227	-2.5	98	0.00
47	T	Bromodichloromethane	50.000	52.893	-5.8	98	0.00
48	T	Methyl methacrylate	50.000	50.852	-1.7	98	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044226.D
Acq On : 11 Dec 2024 13:51
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Quant Time: Dec 12 04:32:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
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	923.966	7.6	87	0.00
50	S	Toluene-d8	50.000	48.968	2.1	93	0.00
51	T	4-Methyl-2-Pentanone	250.000	255.038	-2.0	98	0.00
52	CM	Toluene	50.000	49.199	1.6#	97	0.00
53	T	t-1,3-Dichloropropene	50.000	50.864	-1.7	101	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.607	-7.2	97	0.00
55	T	1,1,2-Trichloroethane	50.000	50.562	-1.1	97	0.00
56	T	Ethyl methacrylate	50.000	52.890	-5.8	100	0.00
57	T	1,3-Dichloropropane	50.000	49.165	1.7	96	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	259.586	-3.8	97	0.00
59	T	2-Hexanone	250.000	271.943	-8.8	101	0.00
60	T	Dibromochloromethane	50.000	49.073	1.9	97	0.00
61	T	1,2-Dibromoethane	50.000	51.909	-3.8	99	0.00
62	S	4-Bromofluorobenzene	50.000	50.098	-0.2	94	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64	T	Tetrachloroethene	50.000	47.702	4.6	101	0.00
65	PM	Chlorobenzene	50.000	48.133	3.7	97	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.396	-2.8	97	0.00
67	C	Ethyl Benzene	50.000	49.461	1.1#	98	0.00
68	T	m/p-Xylenes	100.000	99.896	0.1	98	0.00
69	T	o-Xylene	50.000	49.750	0.5	100	0.00
70	T	Styrene	50.000	51.617	-3.2	100	0.00
71	P	Bromoform	50.000	50.269	-0.5	101	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73	T	Isopropylbenzene	50.000	49.014	2.0	101	0.00
74	T	N-amyl acetate	50.000	52.003	-4.0	101	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.676	4.6	100	0.00
76	T	1,2,3-Trichloropropane	50.000	46.544	6.9	97	0.00
77	T	Bromobenzene	50.000	47.335	5.3	98	0.00
78	T	n-propylbenzene	50.000	50.816	-1.6	100	0.00
79	T	2-Chlorotoluene	50.000	47.546	4.9	98	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.431	1.1	100	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.861	4.3	105	0.00
82	T	4-Chlorotoluene	50.000	49.178	1.6	100	0.00
83	T	tert-Butylbenzene	50.000	49.384	1.2	100	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.333	-0.7	100	0.00
85	T	sec-Butylbenzene	50.000	50.097	-0.2	100	0.00
86	T	p-Isopropyltoluene	50.000	50.678	-1.4	101	0.00
87	T	1,3-Dichlorobenzene	50.000	49.122	1.8	99	0.00
88	T	1,4-Dichlorobenzene	50.000	48.280	3.4	101	0.00
89	T	n-Butylbenzene	50.000	53.207	-6.4	105	0.00
90	T	Hexachloroethane	50.000	52.727	-5.5	101	0.00
91	T	1,2-Dichlorobenzene	50.000	47.589	4.8	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.864	-3.7	103	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.940	-7.9	107	0.00
94	T	Hexachlorobutadiene	50.000	50.770	-1.5	107	0.00
95	T	Naphthalene	50.000	50.827	-1.7	100	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044226.D
Acq On : 11 Dec 2024 13:51
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Quant Time: Dec 12 04:32:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
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	51.244	-2.5	103	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: P5374 SAS No.: P5374 SDG No.: P5374

Instrument ID: MSVOA_X Calibration Date/Time: 12/23/2024 08:49

Lab File ID: VX044466.D Init. Calib. Date(s): 12/11/2024 12/11/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:41 13:00

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.739	0.733	0.1	-0.81	20
Vinyl Chloride	0.770	0.718		-6.75	20
Bromomethane	0.546	0.480		-12.09	20
Chloroethane	0.480	0.398		-17.08	20
Trichlorofluoromethane	1.508	1.293		-14.26	20
1,1,2-Trichlorotrifluoroethane	0.610	0.663		8.69	20
1,1-Dichloroethene	0.560	0.569		1.61	20
Acetone	0.357	0.295		-17.37	20
Carbon Disulfide	1.065	0.991		-6.95	20
Methyl tert-butyl Ether	2.187	1.927		-11.89	20
Methylene Chloride	0.671	0.595		-11.33	20
trans-1,2-Dichloroethene	0.596	0.569		-4.53	20
1,1-Dichloroethane	1.172	1.079	0.1	-7.93	20
2-Butanone	0.508	0.426		-16.14	20
Carbon Tetrachloride	0.482	0.532		10.37	20
cis-1,2-Dichloroethene	0.756	0.701		-7.28	20
Chloroform	1.316	1.165		-11.47	20
1,1,1-Trichloroethane	1.093	1.033		-5.49	20
Methylcyclohexane	0.535	0.657		22.8	20
Benzene	1.359	1.479		8.83	20
1,2-Dichloroethane	0.560	0.539		-3.75	20
Trichloroethene	0.339	0.375		10.62	20
1,2-Dichloropropane	0.347	0.363		4.61	20
Bromodichloromethane	0.465	0.505		8.6	20
4-Methyl-2-Pentanone	0.556	0.519		-6.66	20
Toluene	0.853	0.904		5.98	20
t-1,3-Dichloropropene	0.455	0.481		5.71	20
cis-1,3-Dichloropropene	0.507	0.551		8.68	20
1,1,2-Trichloroethane	0.339	0.361		6.49	20
2-Hexanone	0.403	0.376		-6.7	20
Dibromochloromethane	0.326	0.354		8.59	20
Tetrachloroethene	0.332	0.399		20.18	20
Chlorobenzene	1.071	1.145	0.3	6.91	20
Ethyl Benzene	1.851	1.931		4.32	20
m/p-Xylenes	0.679	0.747		10.02	20
o-Xylene	0.687	0.732		6.55	20
Styrene	1.102	1.199		8.8	20
Bromoform	0.219	0.252	0.1	15.07	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: P5374 SAS No.: P5374 SDG No.: P5374

Instrument ID: MSVOA_X Calibration Date/Time: 12/23/2024 08:49

Lab File ID: VX044466.D Init. Calib. Date(s): 12/11/2024 12/11/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:41 13:00

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Isopropylbenzene	3.828	4.164		8.78	20
1,1,2,2-Tetrachloroethane	1.329	1.384	0.3	4.14	20
1,3-Dichlorobenzene	1.621	1.739		7.28	20
1,4-Dichlorobenzene	1.667	1.793		7.56	20
1,2-Dichlorobenzene	1.684	1.789		6.24	20
1,2-Dichloroethane-d4	0.877	0.735		-16.19	20
Dibromofluoromethane	0.346	0.372		7.51	20
Toluene-d8	1.168	1.249		6.93	20
4-Bromofluorobenzene	0.408	0.415		1.72	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\VX122324\
Data File : VX044466.D
Acq On : 23 Dec 2024 08:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 23 21:50:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	98270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	155098	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	72225	41.918	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 83.840%			
35) Dibromofluoromethane	5.379	113	57719	53.732	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.460%			
50) Toluene-d8	8.641	98	193768	53.468	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.940%			
62) 4-Bromofluorobenzene	11.079	95	64363	50.827	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	81189	53.431	ug/l	95
3) Chloromethane	1.294	50	72049	49.584	ug/l	97
4) Vinyl Chloride	1.380	62	70604	46.640	ug/l	98
5) Bromomethane	1.599	94	47151	43.904	ug/l	98
6) Chloroethane	1.666	64	39107	41.487	ug/l	100
7) Trichlorofluoromethane	1.867	101	127064	42.875	ug/l	99
8) Diethyl Ether	2.130	74	38233	37.795	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	65130	54.311	ug/l	95
10) Methyl Iodide	2.447	142	70995	44.919	ug/l	97
11) Tert butyl alcohol	2.989	59	17549	72.268	ug/l #	71
12) 1,1-Dichloroethene	2.312	96	55954	50.798	ug/l	97
13) Acrolein	2.233	56	61730	175.615	ug/l	100
14) Allyl chloride	2.654	41	85968	46.857	ug/l	98
15) Acrylonitrile	3.062	53	157669	234.398	ug/l	99
16) Acetone	2.386	43	144825	206.174	ug/l	95
17) Carbon Disulfide	2.501	76	97346	46.493	ug/l	100
18) Methyl Acetate	2.703	43	81261	44.867	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	189369	44.056	ug/l	98
20) Methylene Chloride	2.782	84	58446	44.299	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	55872	47.727	ug/l	95
22) Diisopropyl ether	3.751	45	185514	44.904	ug/l	88
23) Vinyl Acetate	3.715	43	783324	233.215	ug/l	97
24) 1,1-Dichloroethane	3.599	63	106007	46.032	ug/l	98
25) 2-Butanone	4.556	43	209192	209.482	ug/l	99
26) 2,2-Dichloropropane	4.464	77	95219	50.896	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	68850	46.309	ug/l	95
28) Bromochloromethane	4.891	49	46458	41.140	ug/l	95
29) Tetrahydrofuran	5.001	42	135710	211.723	ug/l	100
30) Chloroform	5.080	83	114443	44.231	ug/l	98
31) Cyclohexane	5.458	56	94719	50.934	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	101477	47.248	ug/l	99
36) 1,1-Dichloropropene	5.684	75	77076	55.509	ug/l	99
37) Ethyl Acetate	4.702	43	82758	48.216	ug/l	97
38) Carbon Tetrachloride	5.665	117	82491	55.181	ug/l	98
39) Methylcyclohexane	7.372	83	101951	61.418	ug/l	97
40) Benzene	6.025	78	229329	54.397	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044466.D
Acq On : 23 Dec 2024 08:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 23 21:50:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.916	41	42994	47.172 ug/l	94
42) 1,2-Dichloroethane	6.074	62	83638	48.161 ug/l	97
43) Isopropyl Acetate	6.336	43	128551	47.918 ug/l	97
44) Trichloroethene	7.116	130	58165	55.326 ug/l	94
45) 1,2-Dichloropropane	7.421	63	56311	52.281 ug/l	99
46) Dibromomethane	7.574	93	43787	52.402 ug/l	96
47) Bromodichloromethane	7.818	83	78361	54.300 ug/l	100
48) Methyl methacrylate	7.690	41	61073	46.898 ug/l	96
49) 1,4-Dioxane	7.677	88	21715	1005.738 ug/l #	84
51) 4-Methyl-2-Pentanone	8.573	43	402283	233.216 ug/l	99
52) Toluene	8.714	92	140179	52.949 ug/l	99
53) t-1,3-Dichloropropene	8.976	75	74563	48.256 ug/l	95
54) cis-1,3-Dichloropropene	8.360	75	85414	54.358 ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	56021	53.264 ug/l	95
56) Ethyl methacrylate	9.116	69	81680	49.194 ug/l	95
57) 1,3-Dichloropropane	9.305	76	94586	51.667 ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	203293	242.753 ug/l	97
59) 2-Hexanone	9.433	43	291491	233.464 ug/l	97
60) Dibromochloromethane	9.518	129	54898	49.335 ug/l	100
61) 1,2-Dibromoethane	9.604	107	56628	52.895 ug/l	98
64) Tetrachloroethene	9.268	164	51836	60.182 ug/l	98
65) Chlorobenzene	10.079	112	148588	53.435 ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	50561	56.575 ug/l	100
67) Ethyl Benzene	10.189	91	250606	52.159 ug/l	96
68) m/p-Xylenes	10.299	106	193976	110.024 ug/l	96
69) o-Xylene	10.640	106	94957	53.232 ug/l	93
70) Styrene	10.652	104	155555	54.396 ug/l	95
71) Bromoform	10.799	173	32723	52.112 ug/l #	99
73) Isopropylbenzene	10.957	105	246838	54.392 ug/l	99
74) N-amyl acetate	10.841	43	101119	48.214 ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	82068	52.066 ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	66533m	50.267 ug/l	
77) Bromobenzene	11.195	156	58269	52.949 ug/l	97
78) n-propylbenzene	11.299	91	278932	55.610 ug/l	99
79) 2-Chlorotoluene	11.360	91	166232	51.245 ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	202499	53.807 ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	22335	48.538 ug/l	98
82) 4-Chlorotoluene	11.451	91	190339	52.988 ug/l	100
83) tert-Butylbenzene	11.713	119	202328	54.400 ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	206380	55.839 ug/l	99
85) sec-Butylbenzene	11.890	105	245317	54.332 ug/l	99
86) p-Isopropyltoluene	12.006	119	207299	55.162 ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	103109	53.639 ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	106265	53.777 ug/l	98
89) n-Butylbenzene	12.329	91	173517	54.910 ug/l	100
90) Hexachloroethane	12.536	117	30390	55.398 ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	106046	53.130 ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15164	49.558 ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	61001	55.746 ug/l	99
94) Hexachlorobutadiene	13.719	225	25708	58.407 ug/l	98
95) Naphthalene	13.774	128	225150	52.712 ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	63159	54.418 ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044466.D
Acq On : 23 Dec 2024 08:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 23 21:50:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

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

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

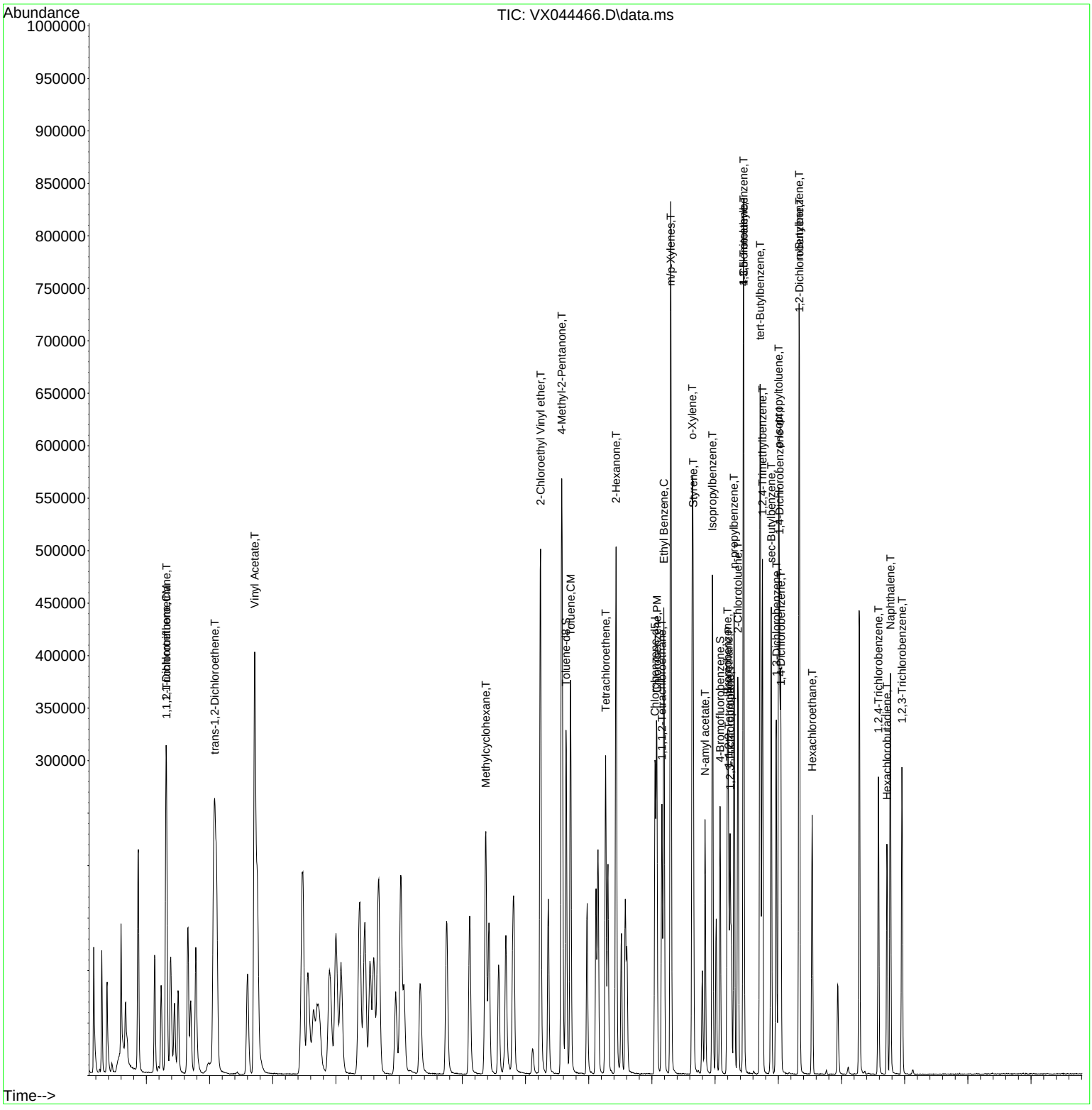
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044466.D
Acq On : 23 Dec 2024 08:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

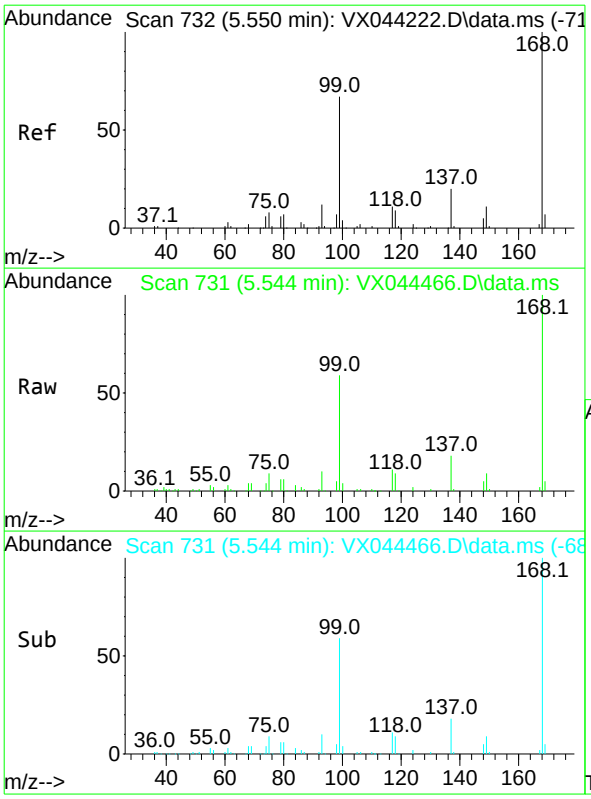
Quant Time: Dec 23 21:50:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

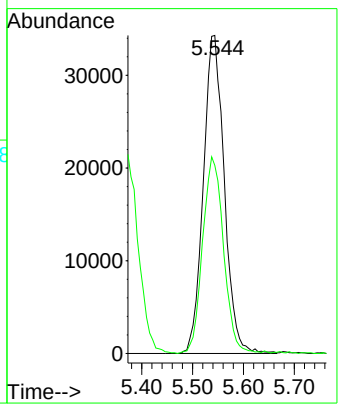




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:168 Resp: 98270

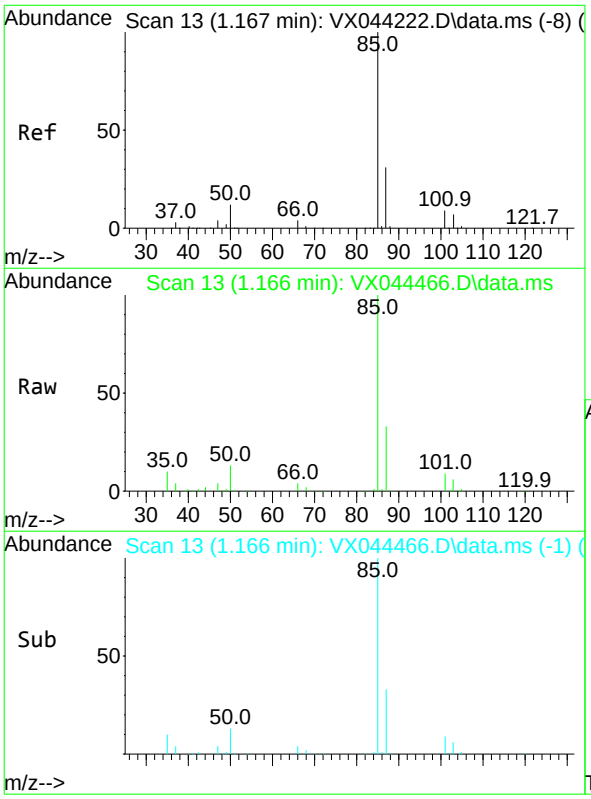
Ion	Ratio	Lower	Upper
168	100		
99	59.1	53.4	80.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

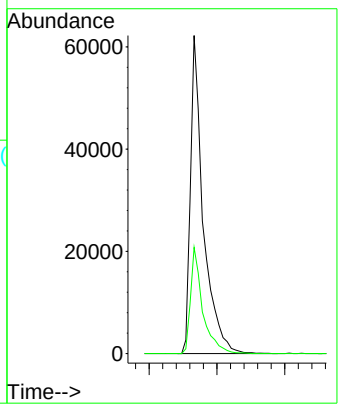
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

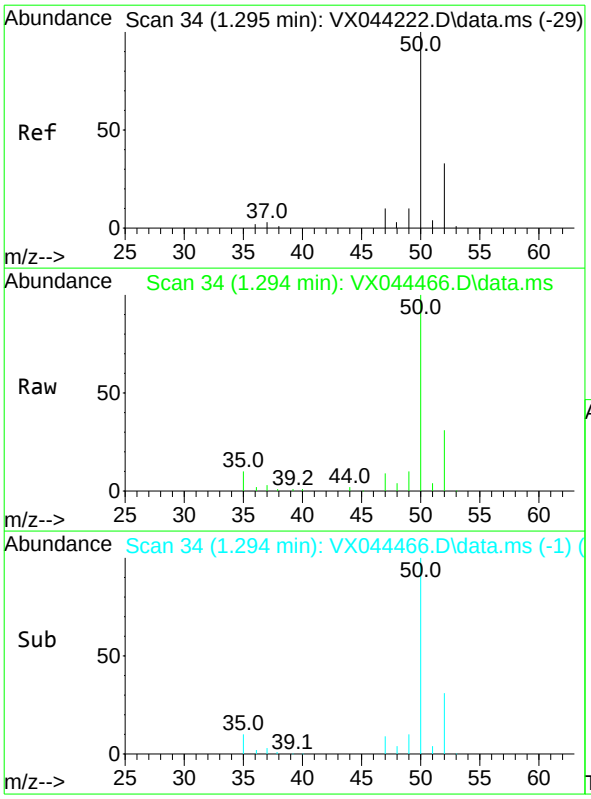


#2
Dichlorodifluoromethane
Concen: 53.431 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 85 Resp: 81189

Ion	Ratio	Lower	Upper
85	100		
87	33.4	15.4	46.4

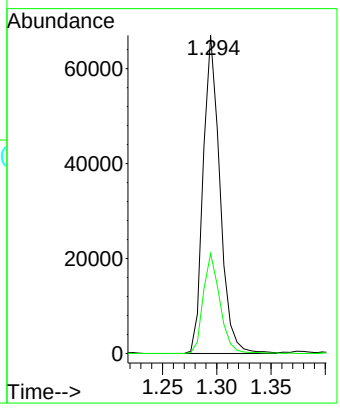




#3
Chloromethane
Concen: 49.584 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 50 Resp: 72049

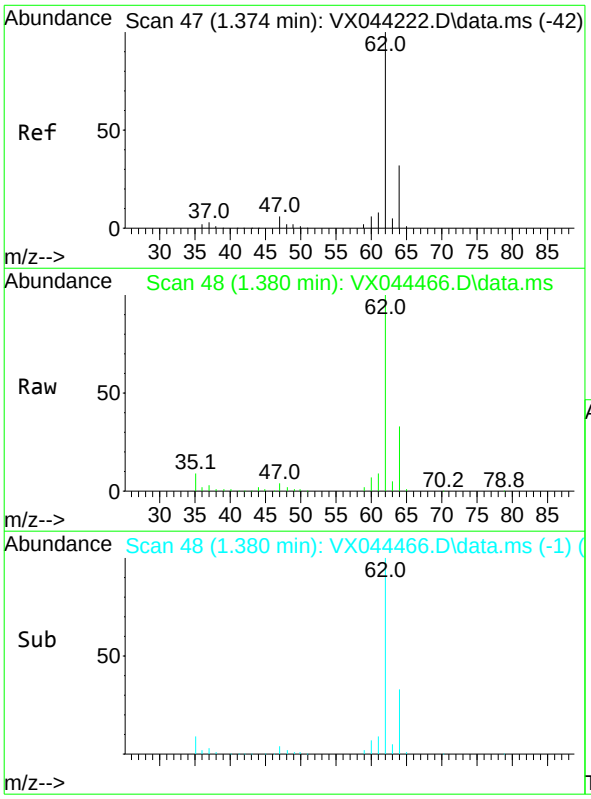
Ion	Ratio	Lower	Upper
50	100		
52	31.5	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

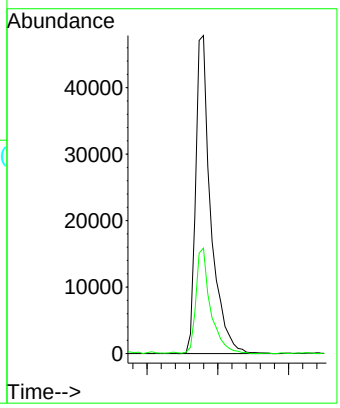
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

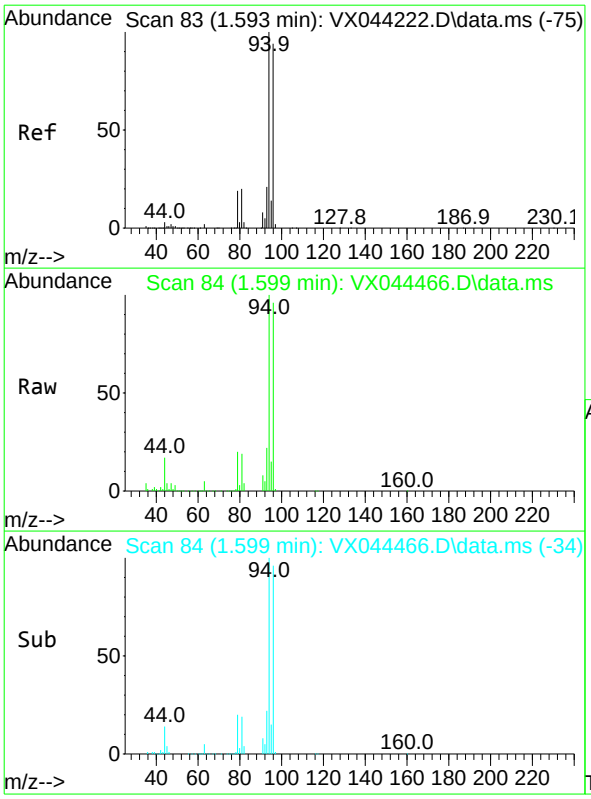


#4
Vinyl Chloride
Concen: 46.640 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 62 Resp: 70604

Ion	Ratio	Lower	Upper
62	100		
64	33.2	25.7	38.5

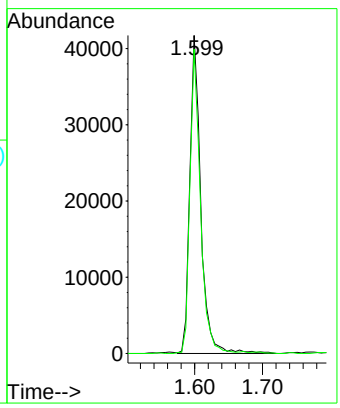




#5
Bromomethane
Concen: 43.904 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 94 Resp: 47151

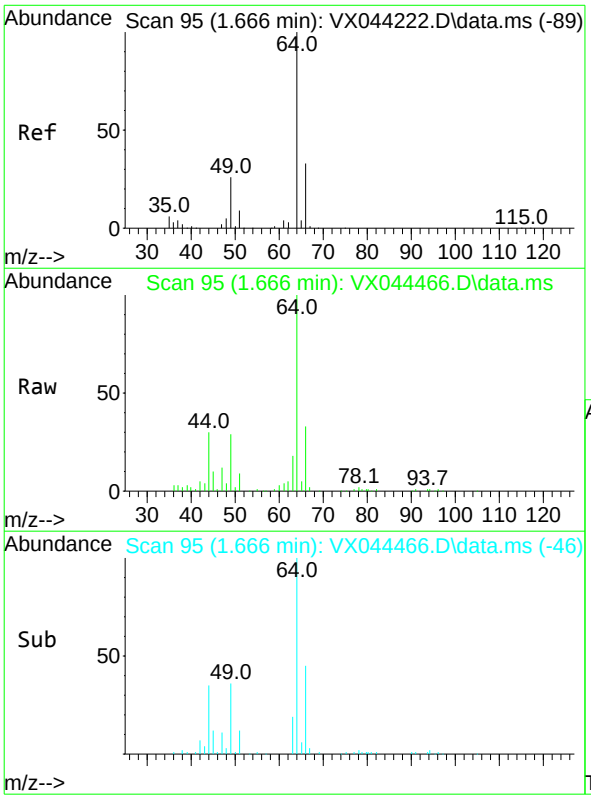
Ion	Ratio	Lower	Upper
94	100		
96	95.7	74.9	112.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

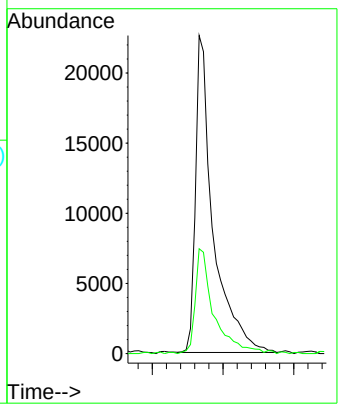
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

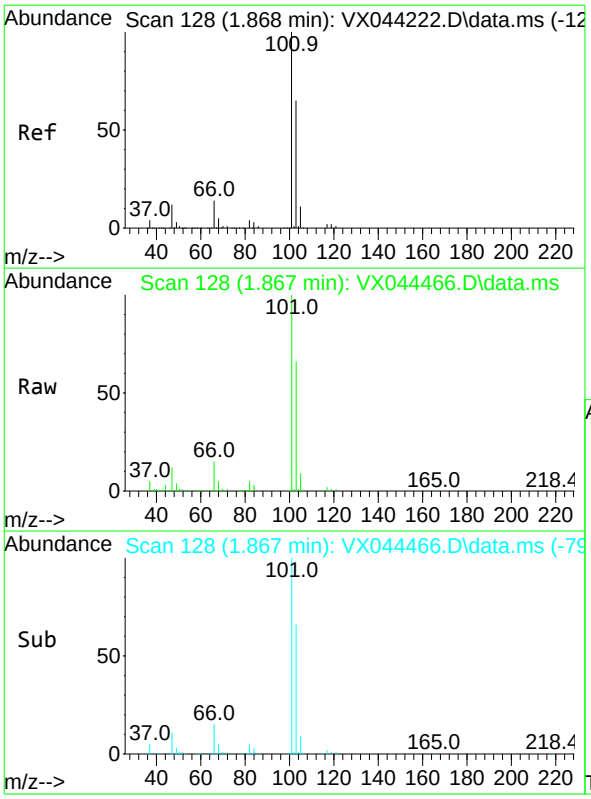


#6
Chloroethane
Concen: 41.487 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 64 Resp: 39107

Ion	Ratio	Lower	Upper
64	100		
66	33.1	26.6	39.8

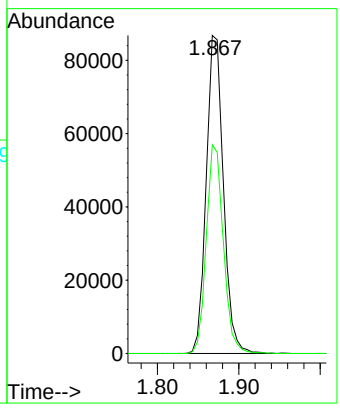




#7
Trichlorofluoromethane
Concen: 42.875 ug/l
RT: 1.867 min Scan# 12
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:101 Resp: 127064

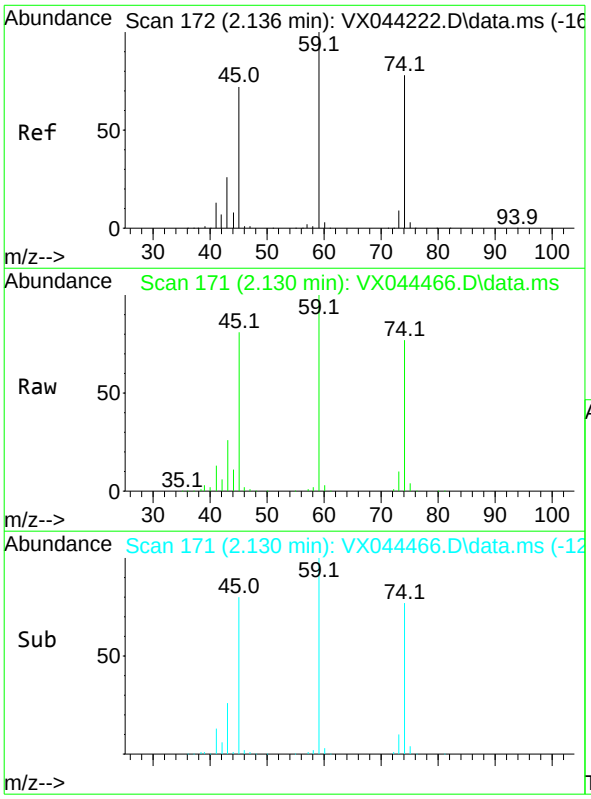
Ion	Ratio	Lower	Upper
101	100		
103	65.6	51.8	77.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

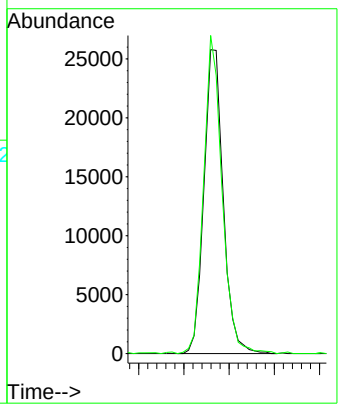
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

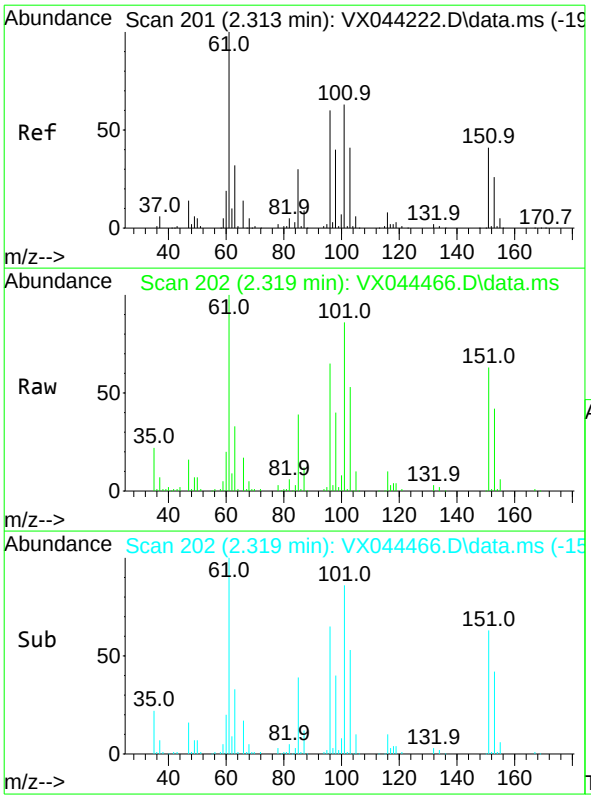


#8
Diethyl Ether
Concen: 37.795 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 74 Resp: 38233

Ion	Ratio	Lower	Upper
74	100		
45	100.4	48.4	145.0

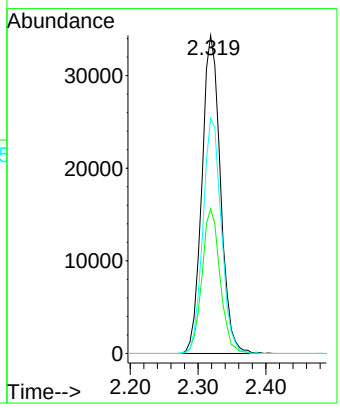




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.311 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:101 Resp: 65130

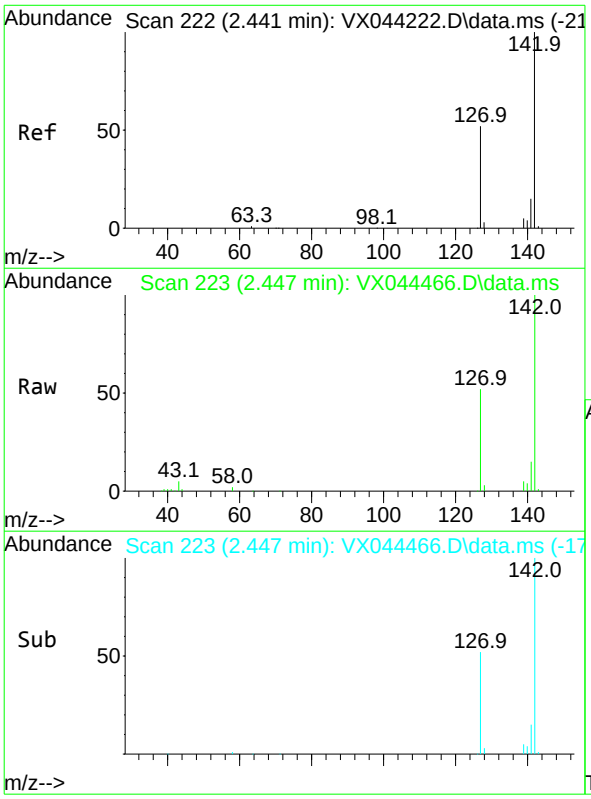
Ion	Ratio	Lower	Upper
101	100		
85	44.4	38.5	57.7
151	73.4	55.8	83.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

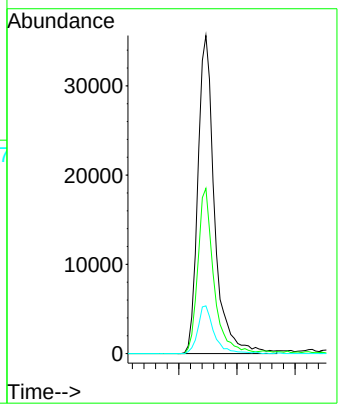
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

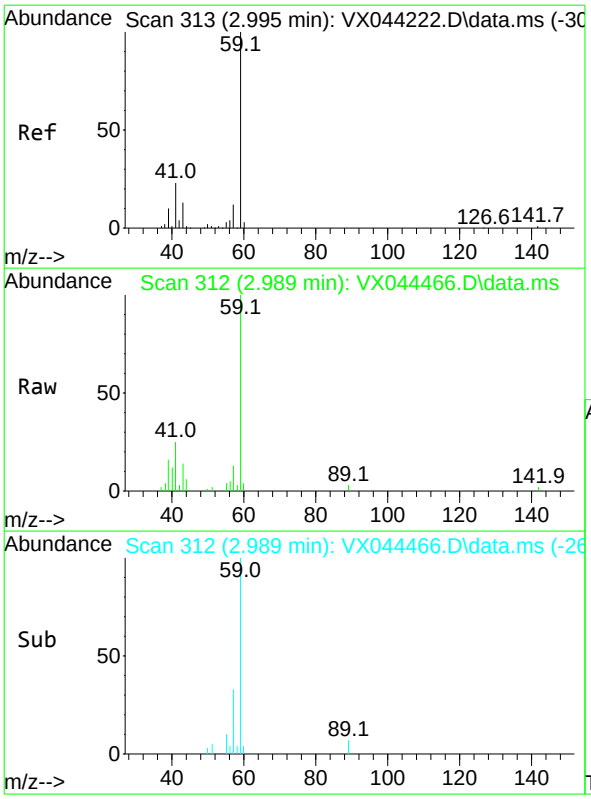


#10
Methyl Iodide
Concen: 44.919 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:142 Resp: 70995

Ion	Ratio	Lower	Upper
142	100		
127	49.4	41.8	62.8
141	14.7	11.5	17.3

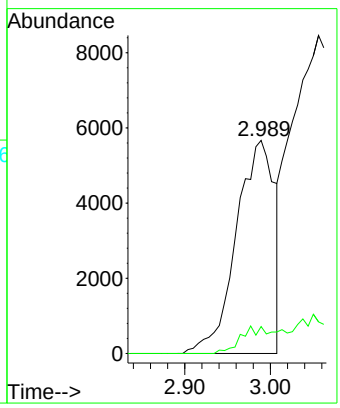




#11
Tert butyl alcohol
Concen: 72.268 ug/l
RT: 2.989 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 59 Resp: 17549

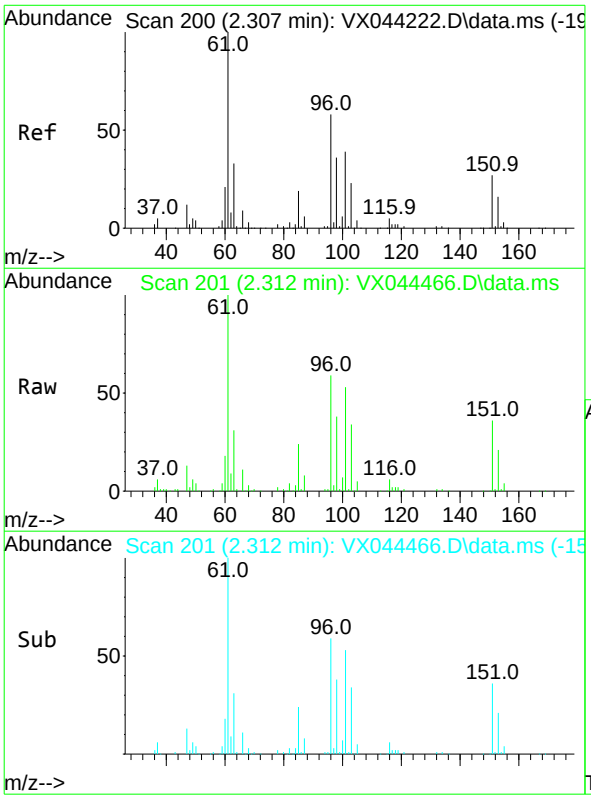
Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.8	13.2#



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

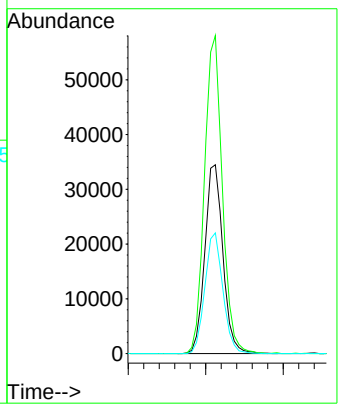
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

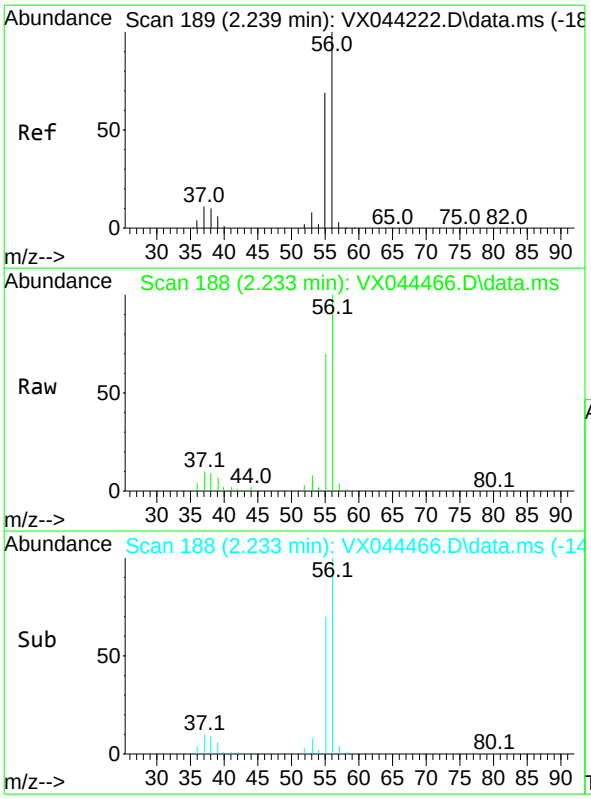


#12
1,1-Dichloroethene
Concen: 50.798 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 96 Resp: 55954

Ion	Ratio	Lower	Upper
96	100		
61	168.4	138.0	207.0
98	63.9	50.0	75.0

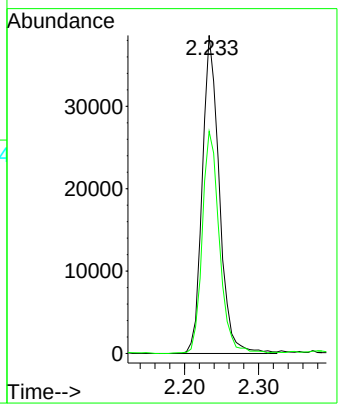




#13
Acrolein
Concen: 175.615 ug/l
RT: 2.233 min Scan# 18
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 56 Resp: 61730

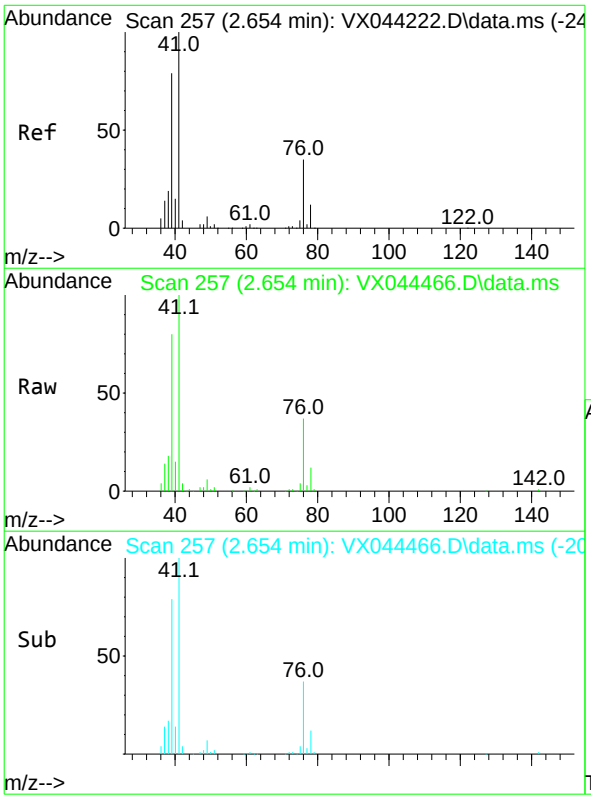
Ion	Ratio	Lower	Upper
56	100		
55	70.5	56.6	84.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

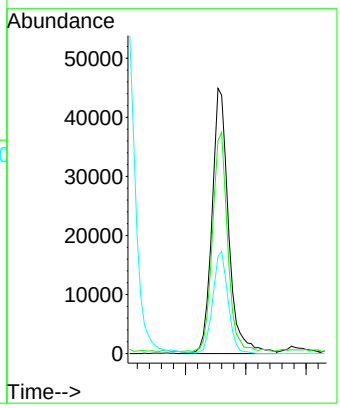
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

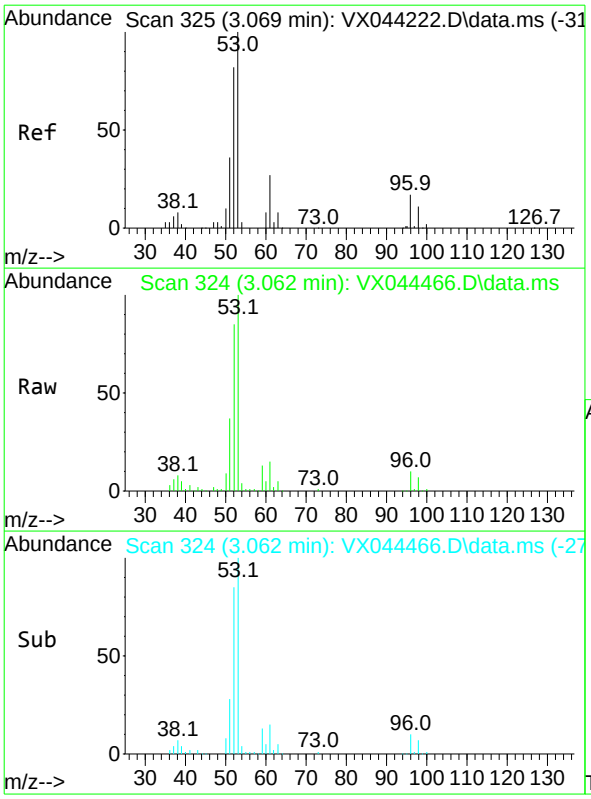


#14
Allyl chloride
Concen: 46.857 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 41 Resp: 85968

Ion	Ratio	Lower	Upper
41	100		
39	75.3	61.9	92.9
76	35.2	27.4	41.2

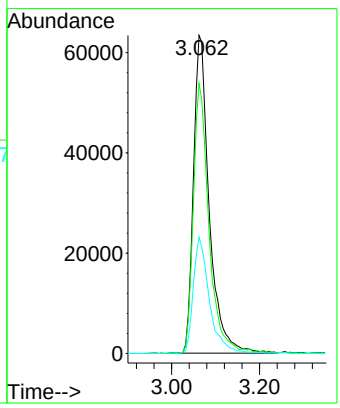




#15
Acrylonitrile
Concen: 234.398 ug/l
RT: 3.062 min Scan# 32
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 53 Resp: 157669

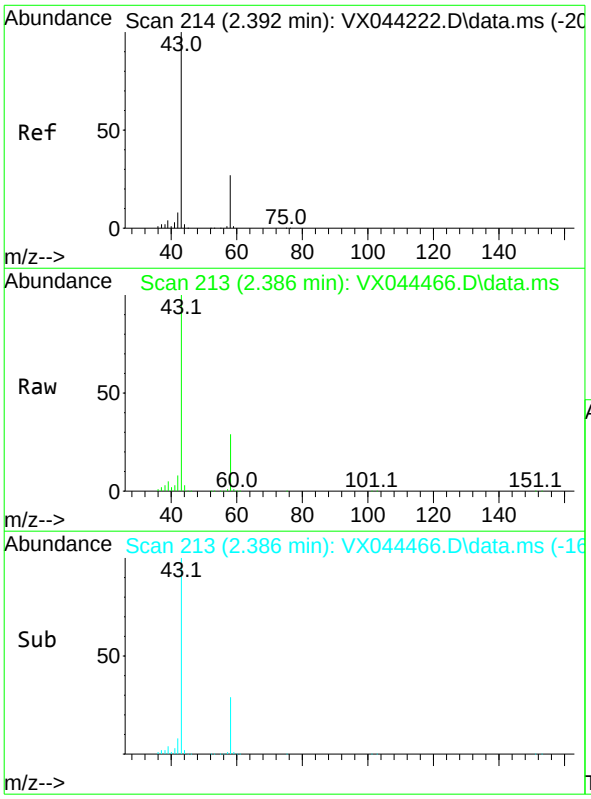
Ion	Ratio	Lower	Upper
53	100		
52	83.9	67.4	101.0
51	36.8	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

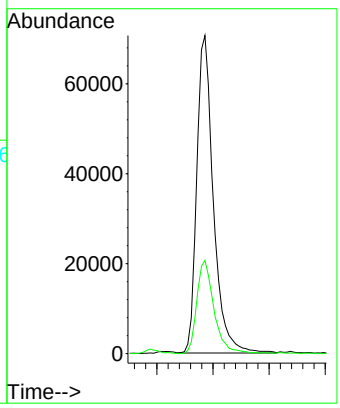
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

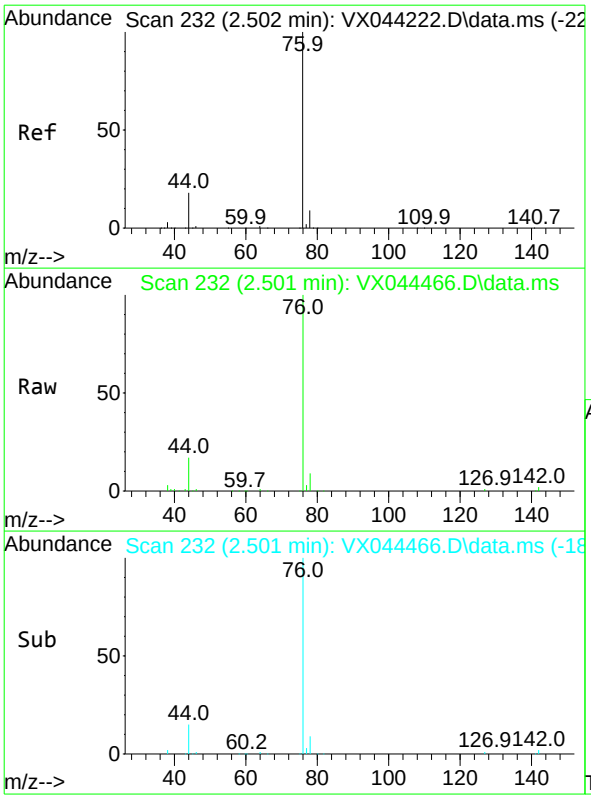


#16
Acetone
Concen: 206.174 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 43 Resp: 144825

Ion	Ratio	Lower	Upper
43	100		
58	29.3	21.6	32.4

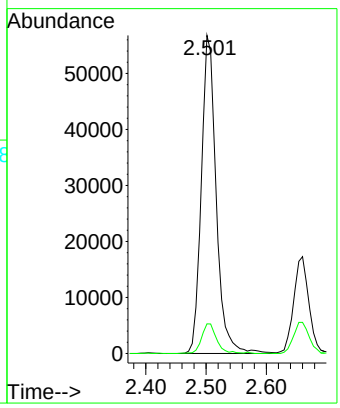




#17
Carbon Disulfide
Concen: 46.493 ug/l
RT: 2.501 min Scan# 23
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 76 Resp: 97346

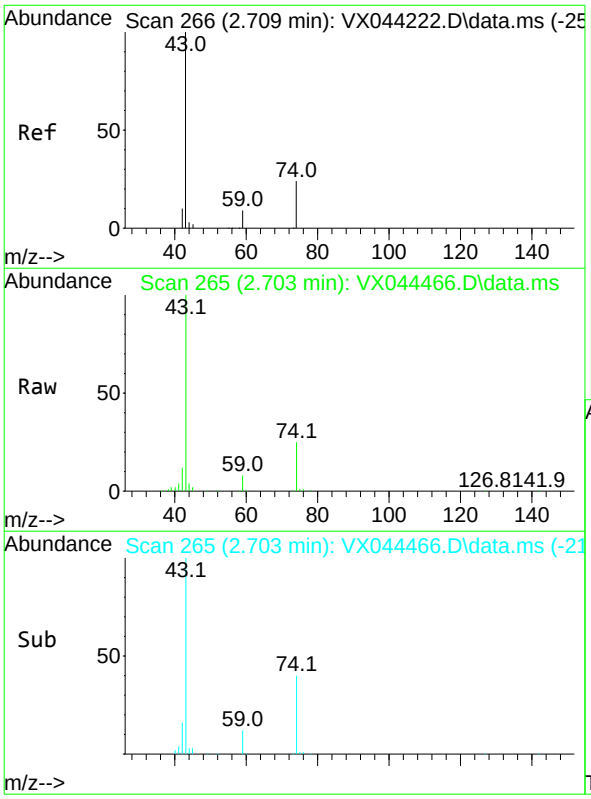
Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

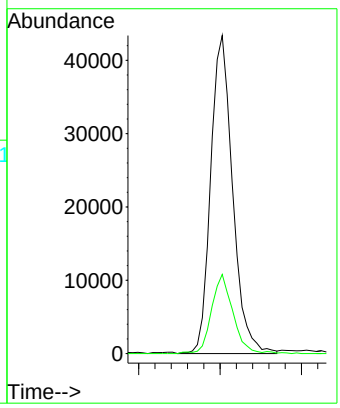
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

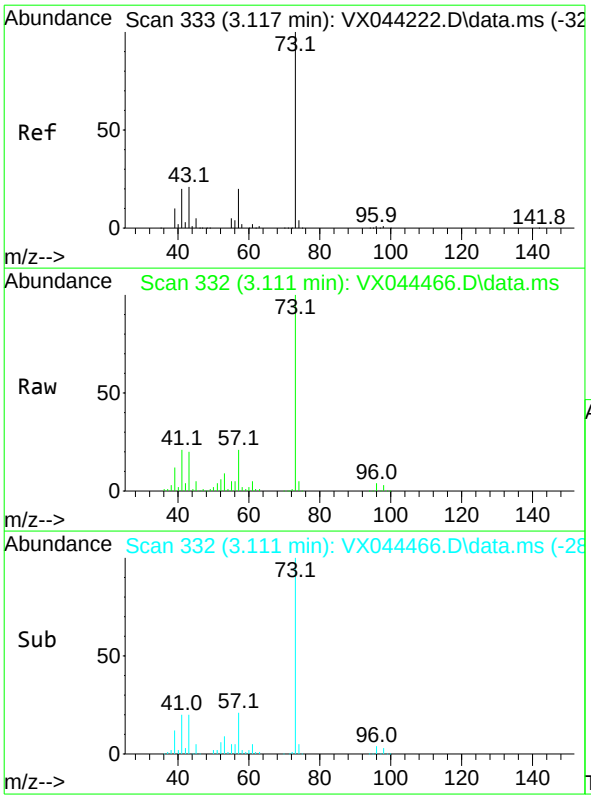


#18
Methyl Acetate
Concen: 44.867 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 43 Resp: 81261

Ion	Ratio	Lower	Upper
43	100		
74	24.4	17.7	26.5

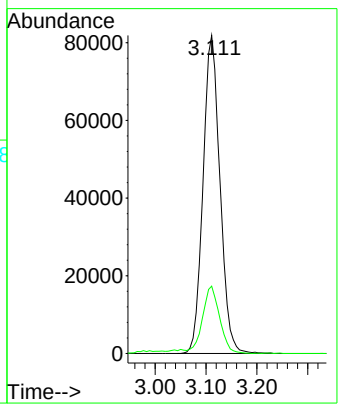




#19
Methyl tert-butyl Ether
Concen: 44.056 ug/l
RT: 3.111 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 73 Resp: 189369

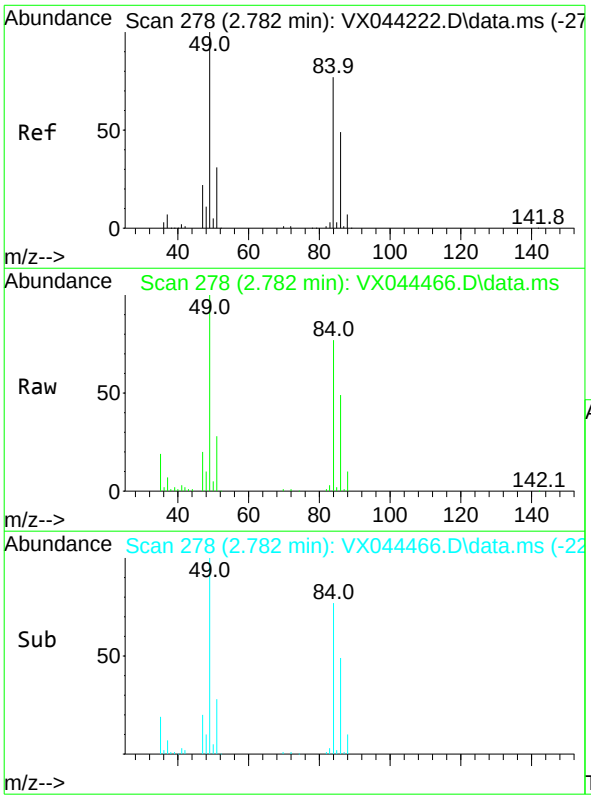
Ion	Ratio	Lower	Upper
73	100		
57	21.1	16.2	24.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

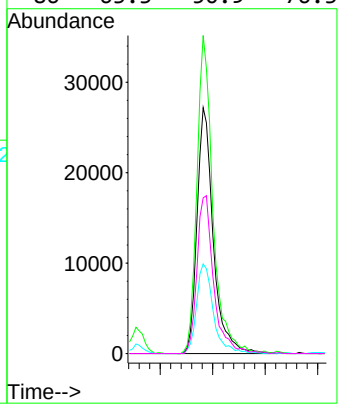
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

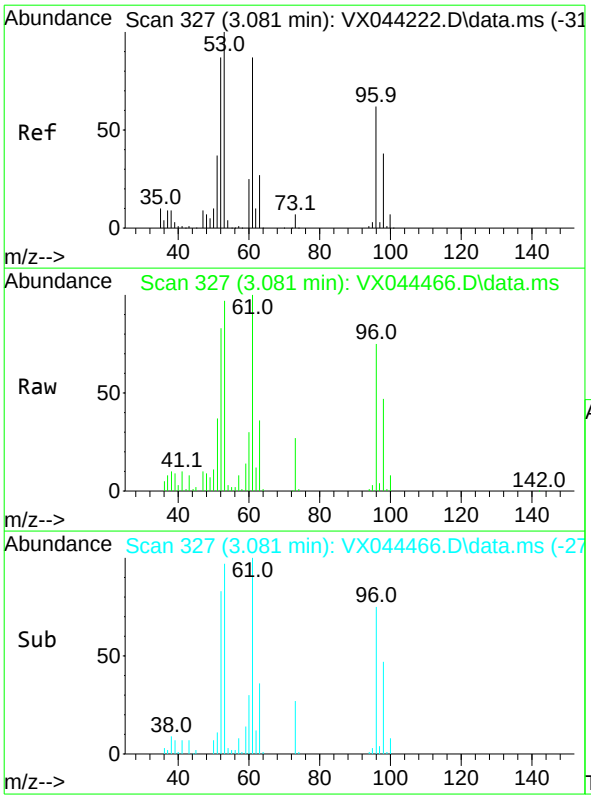


#20
Methylene Chloride
Concen: 44.299 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 84 Resp: 58446

Ion	Ratio	Lower	Upper
84	100		
49	129.3	104.2	156.4
51	36.5	32.2	48.4
86	63.3	50.9	76.3

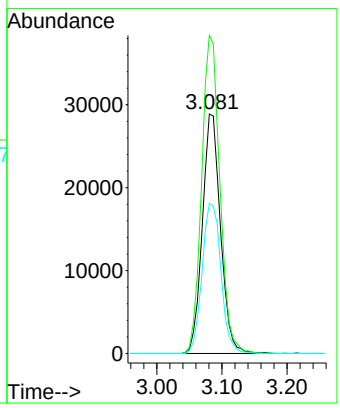




#21
trans-1,2-Dichloroethene
Concen: 47.727 ug/l
RT: 3.081 min Scan# 32
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 96 Resp: 55872

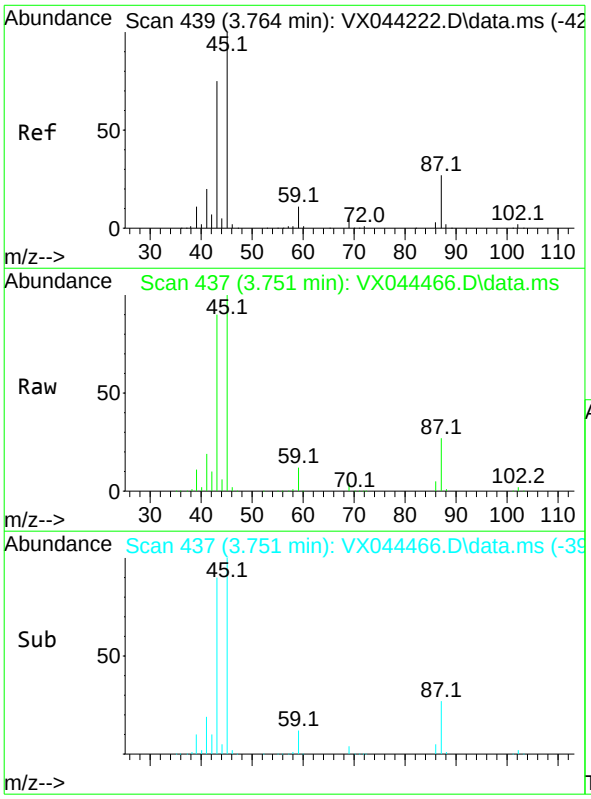
Ion	Ratio	Lower	Upper
96	100		
61	132.8	112.0	168.0
98	62.7	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

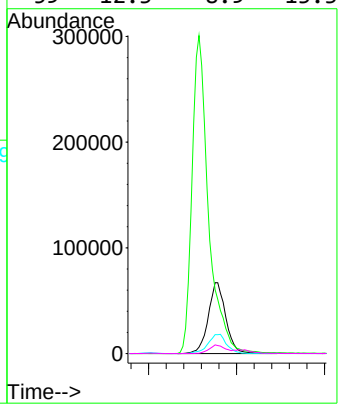
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

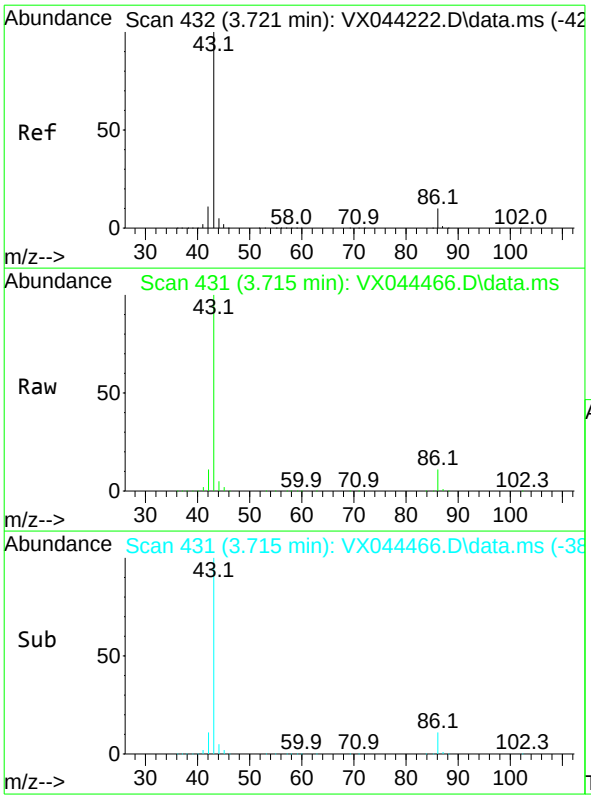


#22
Diisopropyl ether
Concen: 44.904 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.012 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 45 Resp: 185514

Ion	Ratio	Lower	Upper
45	100		
43	89.8	60.2	90.2
87	26.8	21.2	31.8
59	12.3	8.9	13.3

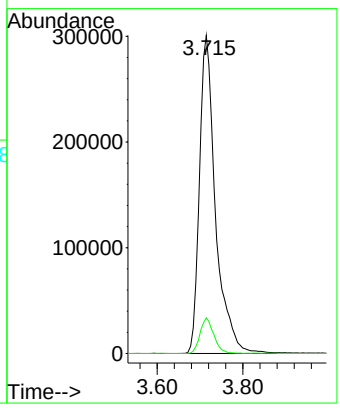




#23
Vinyl Acetate
Concen: 233.215 ug/l
RT: 3.715 min Scan# 43
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 43 Resp: 783324

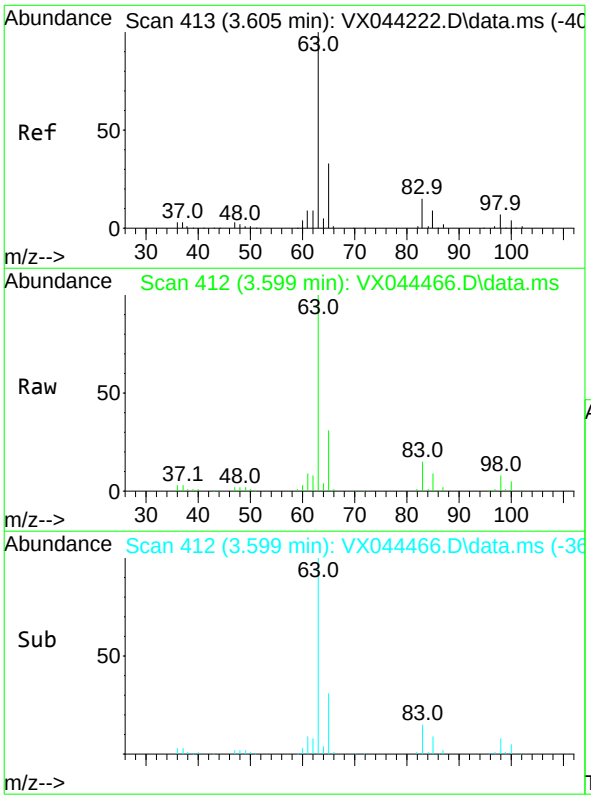
Ion	Ratio	Lower	Upper
43	100		
86	11.2	8.2	12.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

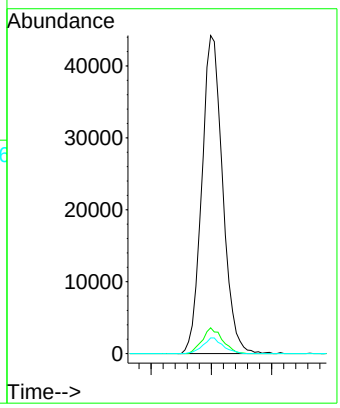
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

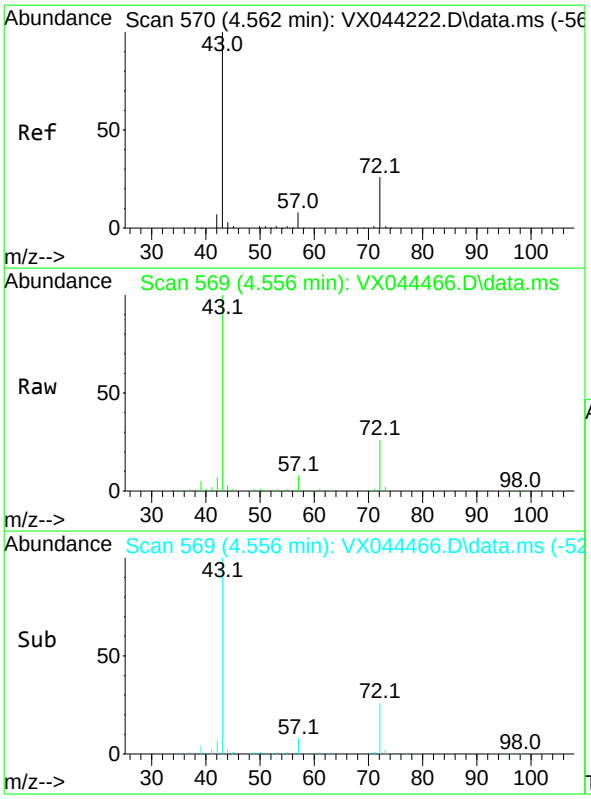


#24
1,1-Dichloroethane
Concen: 46.032 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 63 Resp: 106007

Ion	Ratio	Lower	Upper
63	100		
98	8.1	3.6	10.8
100	4.9	2.1	6.3

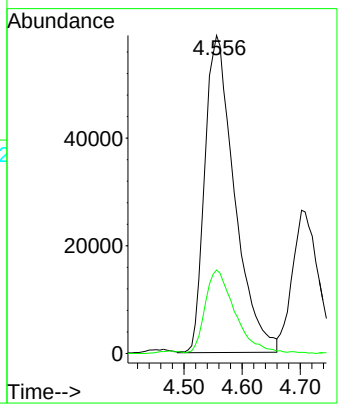




#25
2-Butanone
Concen: 209.482 ug/l
RT: 4.556 min Scan# 56
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 43 Resp: 209192

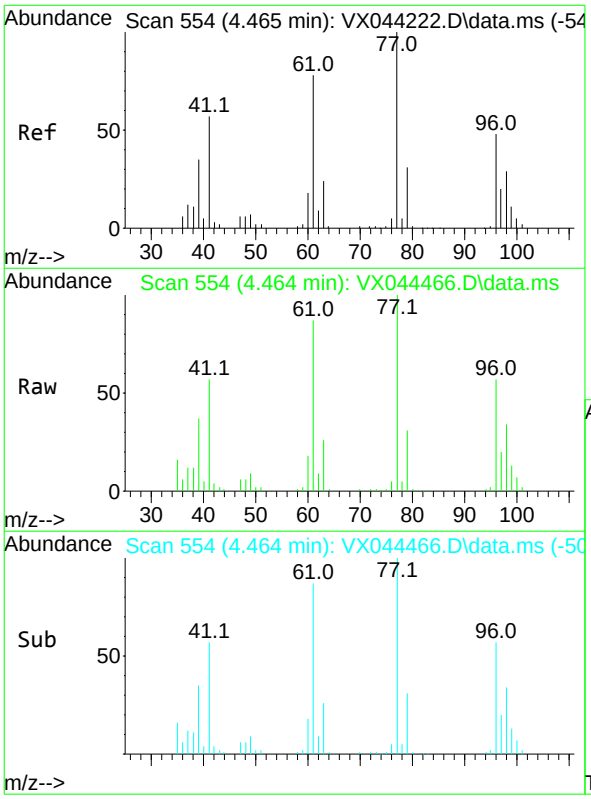
Ion	Ratio	Lower	Upper
43	100		
72	25.8	20.2	30.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

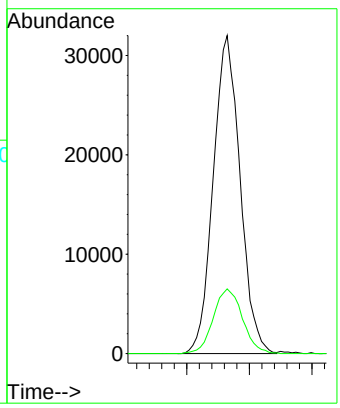
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

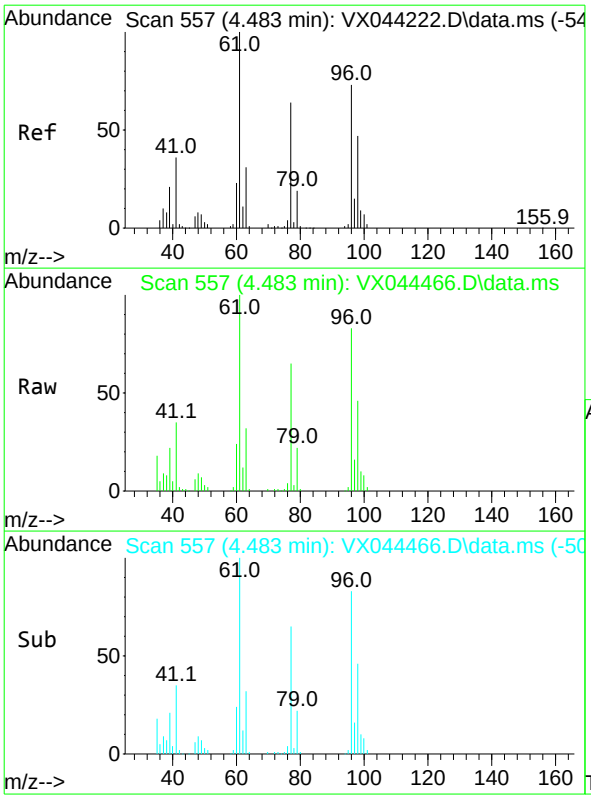


#26
2,2-Dichloropropane
Concen: 50.896 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 77 Resp: 95219

Ion	Ratio	Lower	Upper
77	100		
97	22.1	10.7	32.1

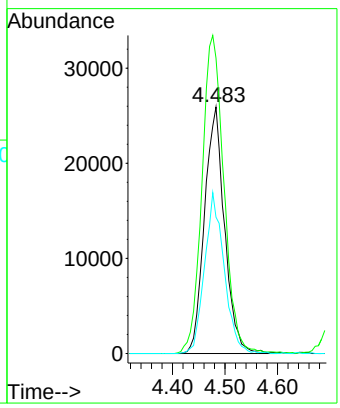




#27
cis-1,2-Dichloroethene
Concen: 46.309 ug/l
RT: 4.483 min Scan# 55
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 96 Resp: 68850

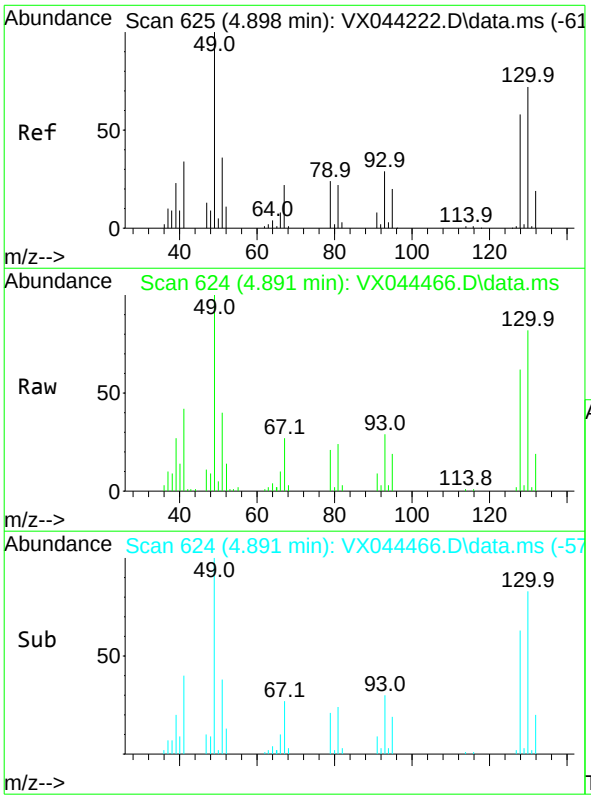
Ion	Ratio	Lower	Upper
96	100		
61	141.1	0.0	299.0
98	63.7	0.0	129.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

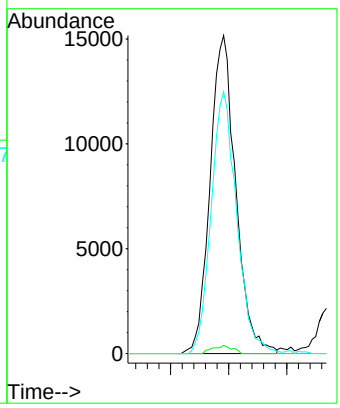
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

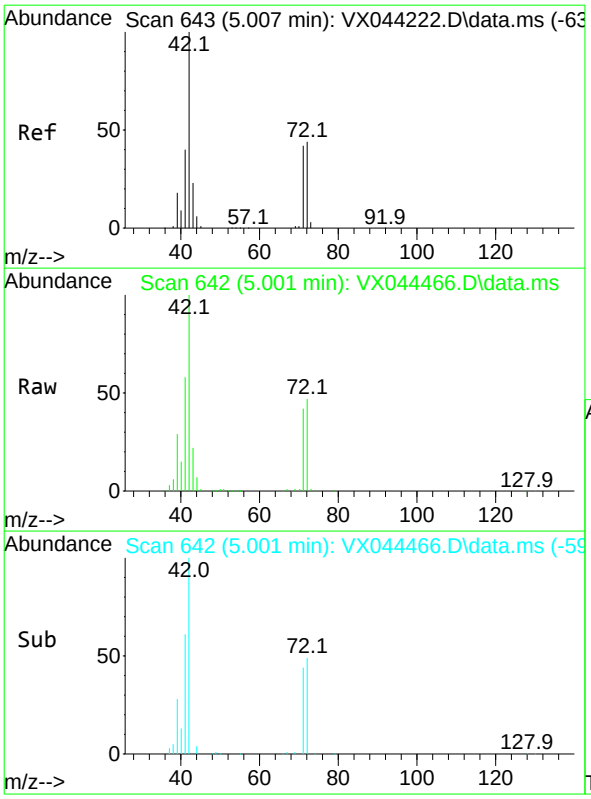


#28
Bromochloromethane
Concen: 41.140 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 49 Resp: 46458

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	82.1	62.1	93.1

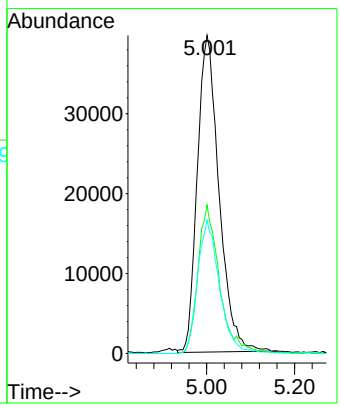




#29
Tetrahydrofuran
Concen: 211.723 ug/l
RT: 5.001 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 42 Resp: 135710

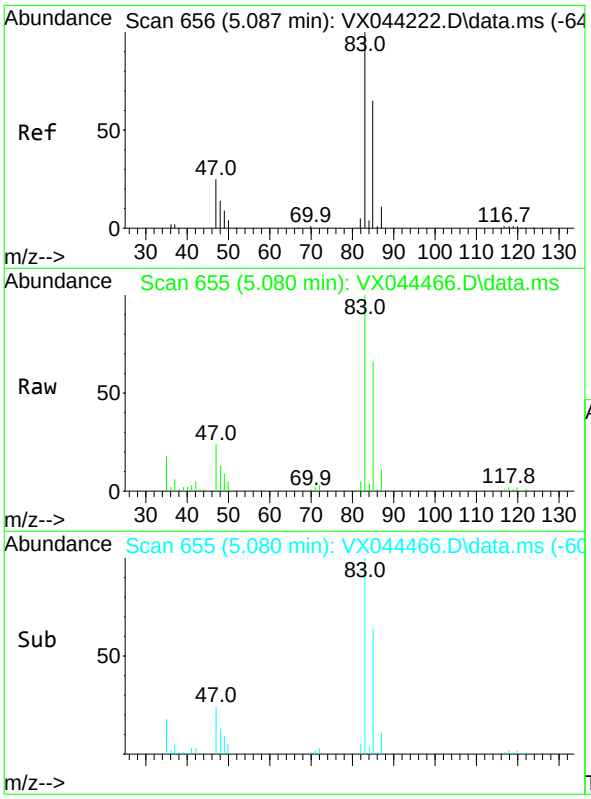
Ion	Ratio	Lower	Upper
42	100		
72	46.3	37.0	55.6
71	42.3	33.6	50.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

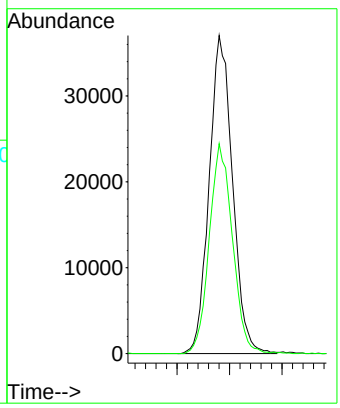
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

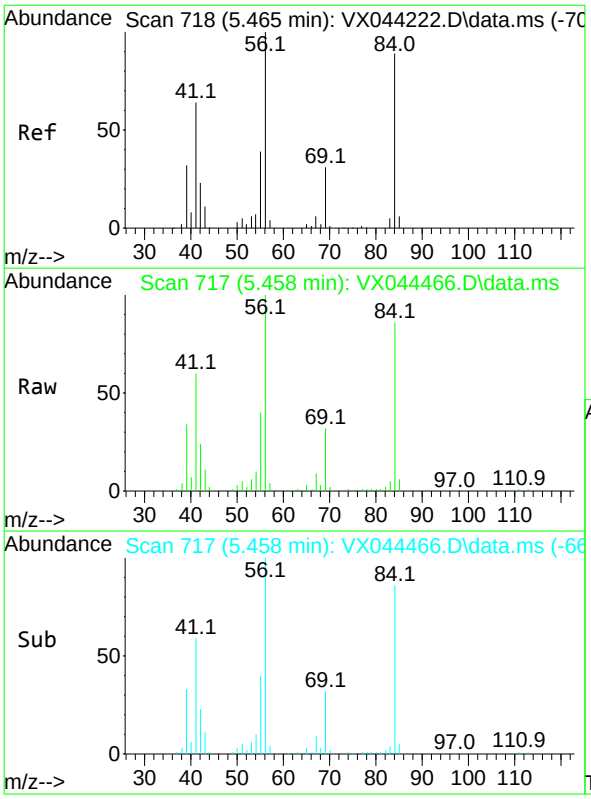


#30
Chloroform
Concen: 44.231 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 83 Resp: 114443

Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.6	77.4

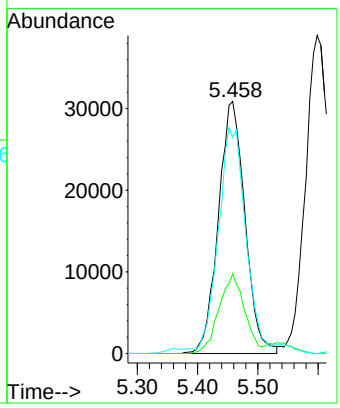




#31
Cyclohexane
Concen: 50.934 ug/l
RT: 5.458 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 56 Resp: 94719

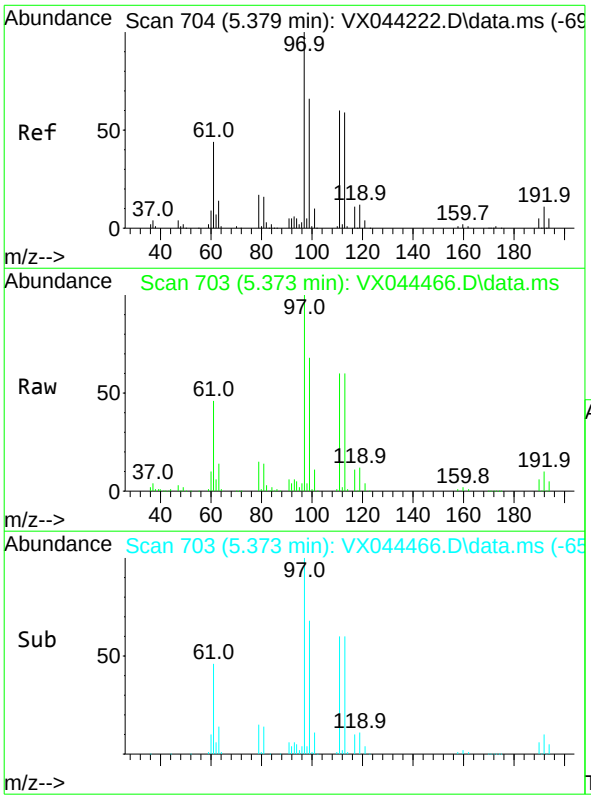
Ion	Ratio	Lower	Upper
56	100		
69	31.7	24.7	37.1
84	84.1	71.0	106.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

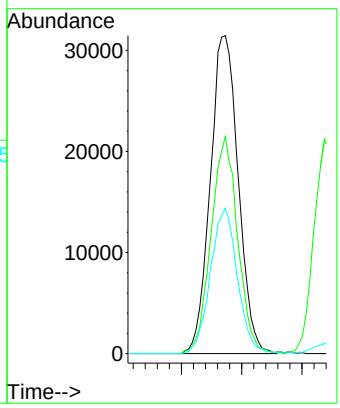
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

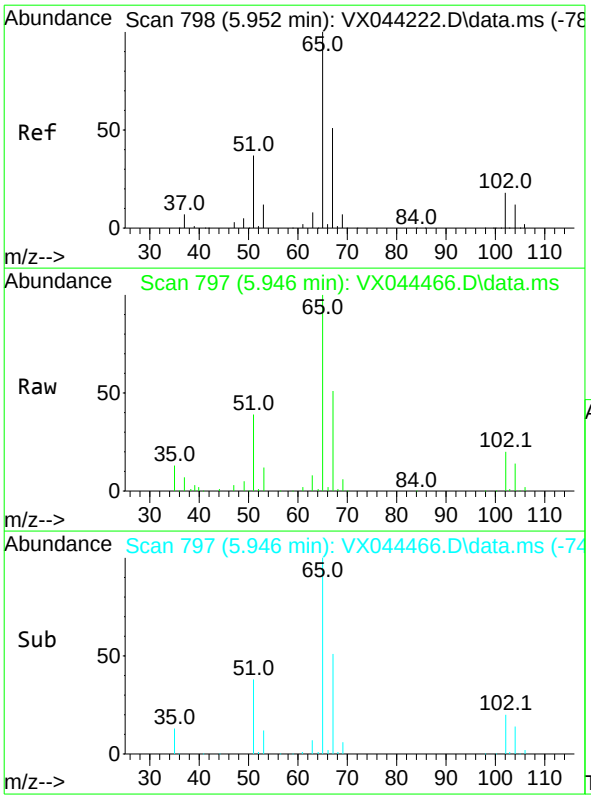


#32
1,1,1-Trichloroethane
Concen: 47.248 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 97 Resp: 101477

Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.8	76.2
61	44.1	35.2	52.8

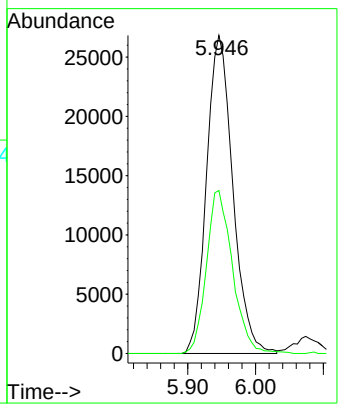




#33
1,2-Dichloroethane-d4
Concen: 41.918 ug/l
RT: 5.946 min Scan# 79
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 65 Resp: 72225

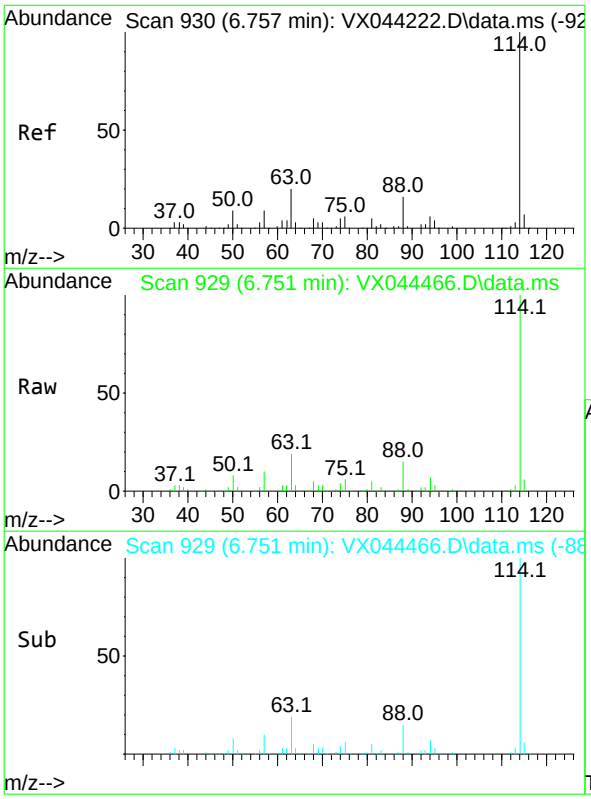
Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	101.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

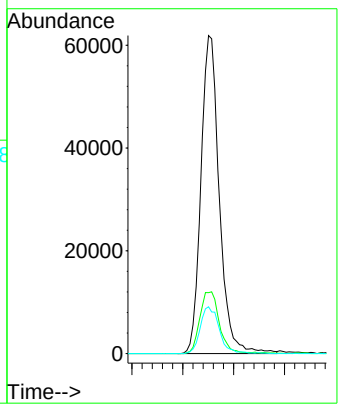
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

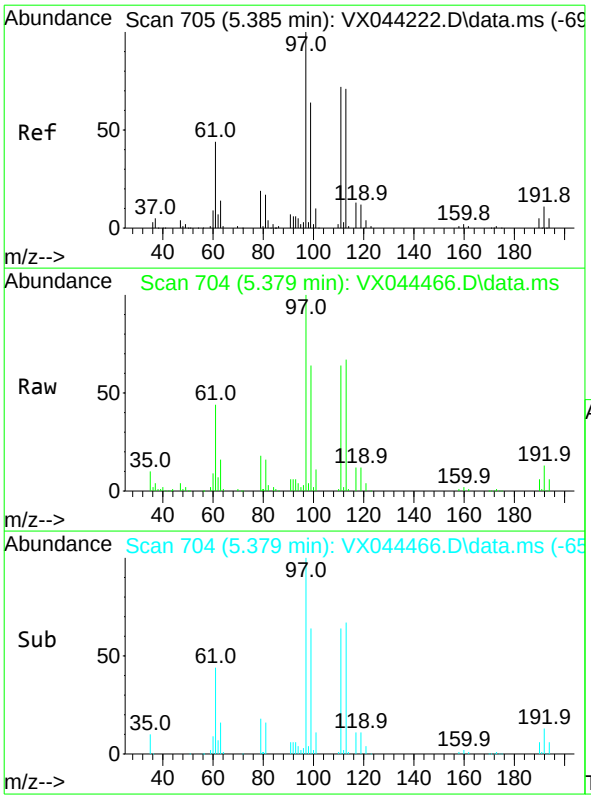


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:114 Resp: 155098

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	40.6
88	14.7	0.0	31.8

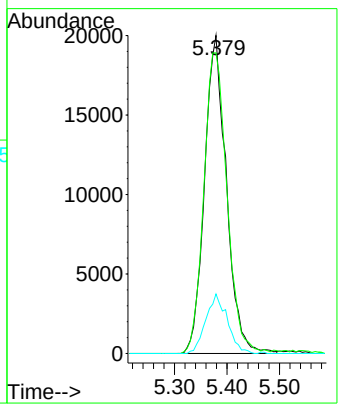




#35
Dibromofluoromethane
Concen: 53.732 ug/l
RT: 5.379 min Scan# 70
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:113 Resp: 57719

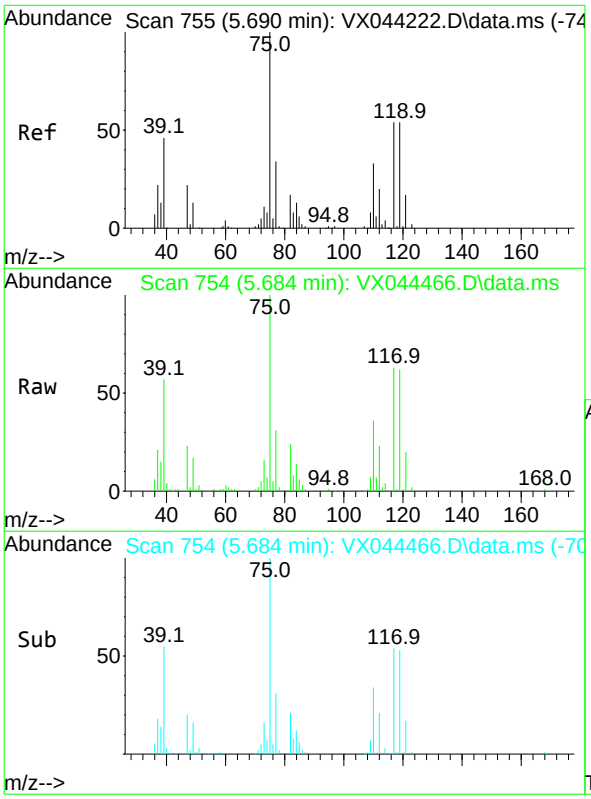
Ion	Ratio	Lower	Upper
113	100		
111	100.7	80.4	120.6
192	18.4	13.3	19.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

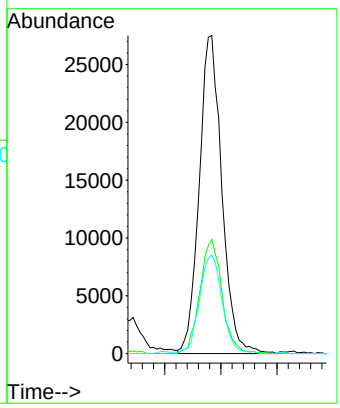
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

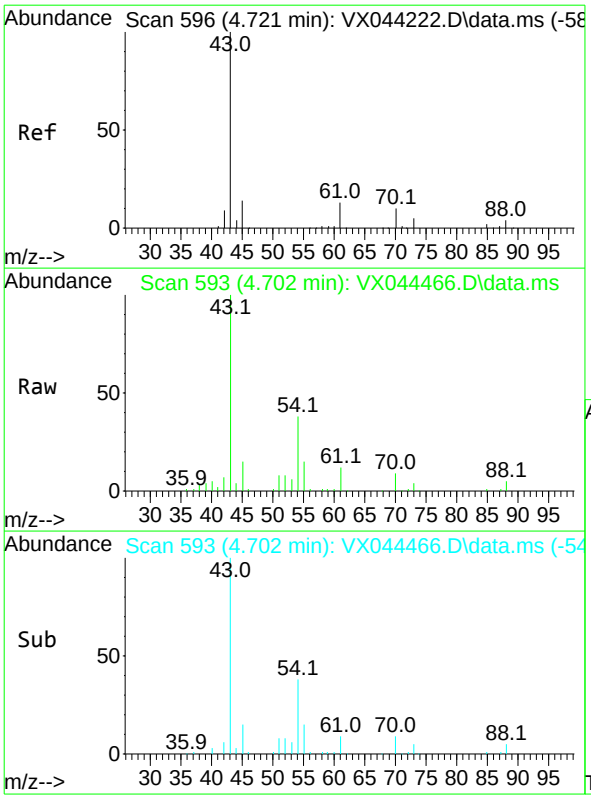


#36
1,1-Dichloropropene
Concen: 55.509 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 75 Resp: 77076

Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.3	51.7
77	31.1	25.4	38.0

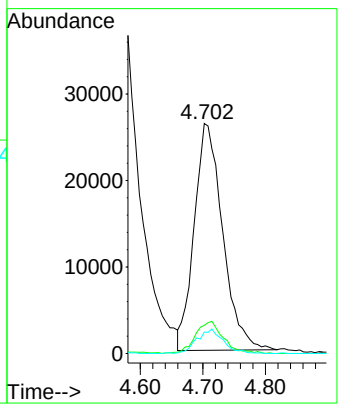




#37
Ethyl Acetate
Concen: 48.216 ug/l
RT: 4.702 min Scan# 59
Delta R.T. -0.018 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 43 Resp: 82758

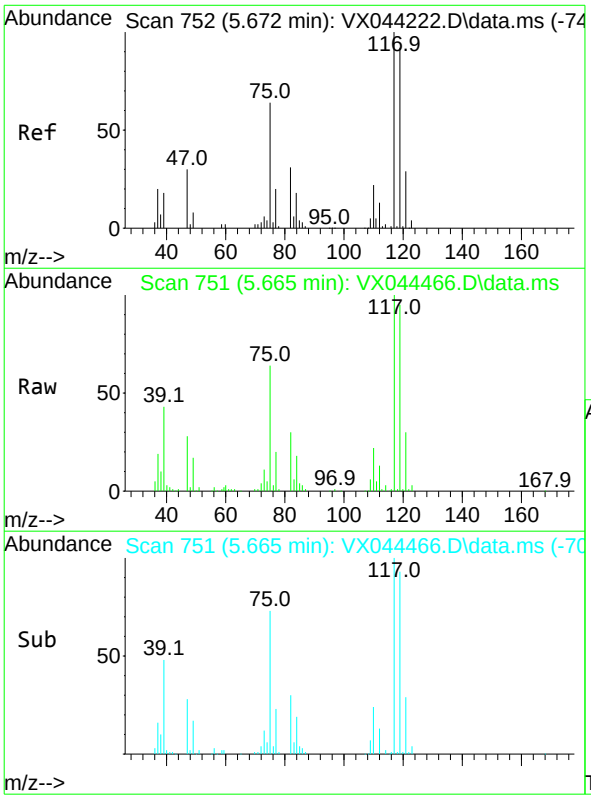
Ion	Ratio	Lower	Upper
43	100		
61	13.9	9.8	14.8
70	9.9	7.7	11.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

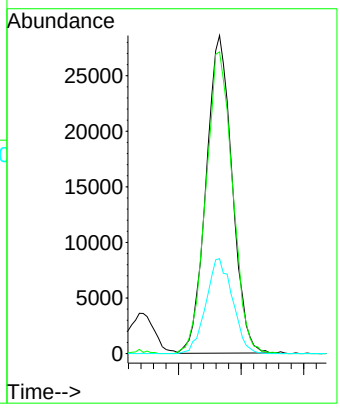
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

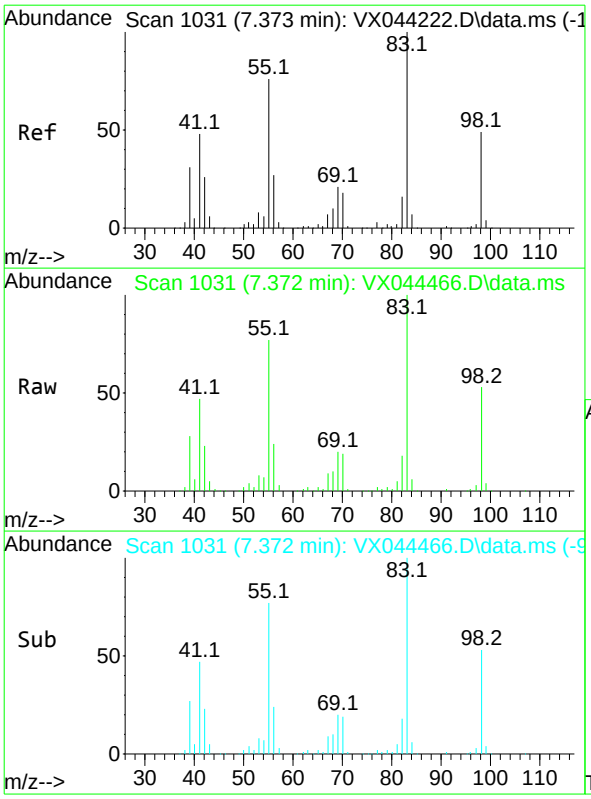


#38
Carbon Tetrachloride
Concen: 55.181 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:117 Resp: 82491

Ion	Ratio	Lower	Upper
117	100		
119	94.8	74.2	111.4
121	29.9	23.0	34.6

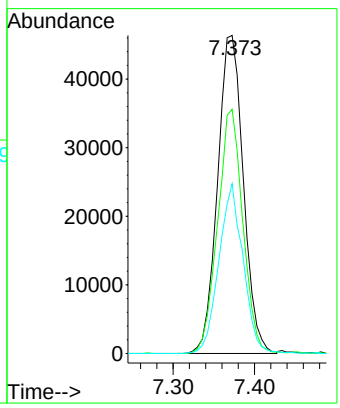




#39
Methylcyclohexane
Concen: 61.418 ug/l
RT: 7.372 min Scan# 10
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 83 Resp: 101951

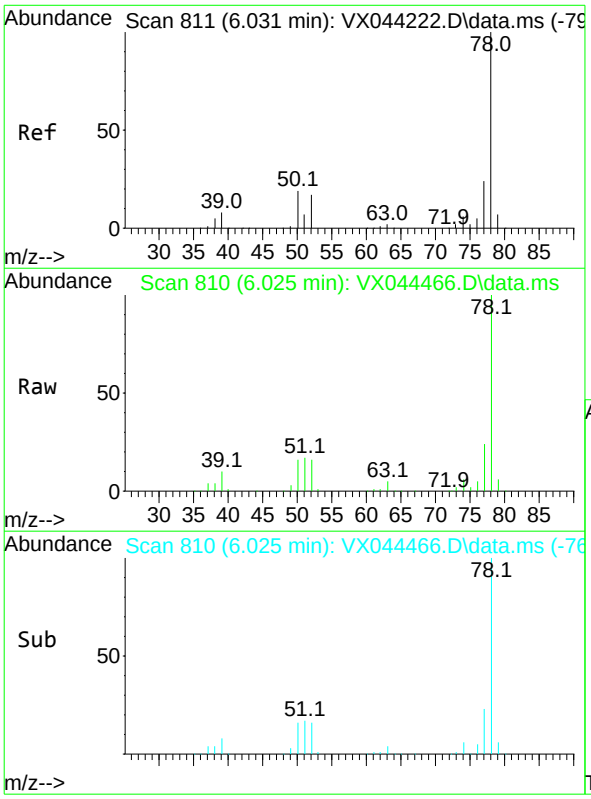
Ion	Ratio	Lower	Upper
83	100		
55	76.8	60.7	91.1
98	53.4	38.9	58.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

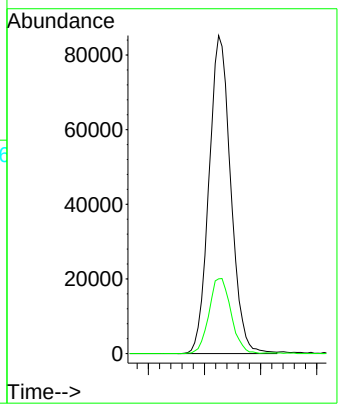
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

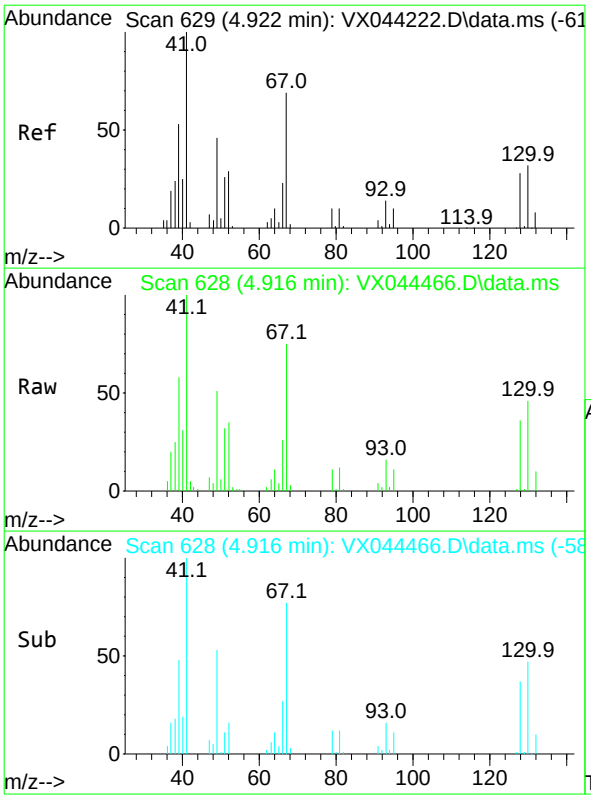


#40
Benzene
Concen: 54.397 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 78 Resp: 229329

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9

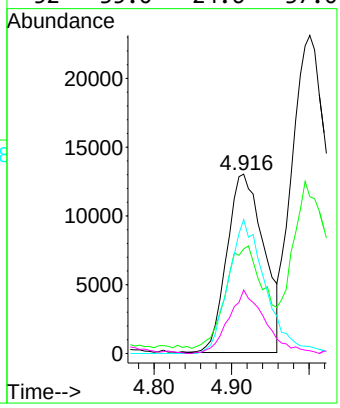




#41
Methacrylonitrile
Concen: 47.172 ug/l
RT: 4.916 min Scan# 62
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

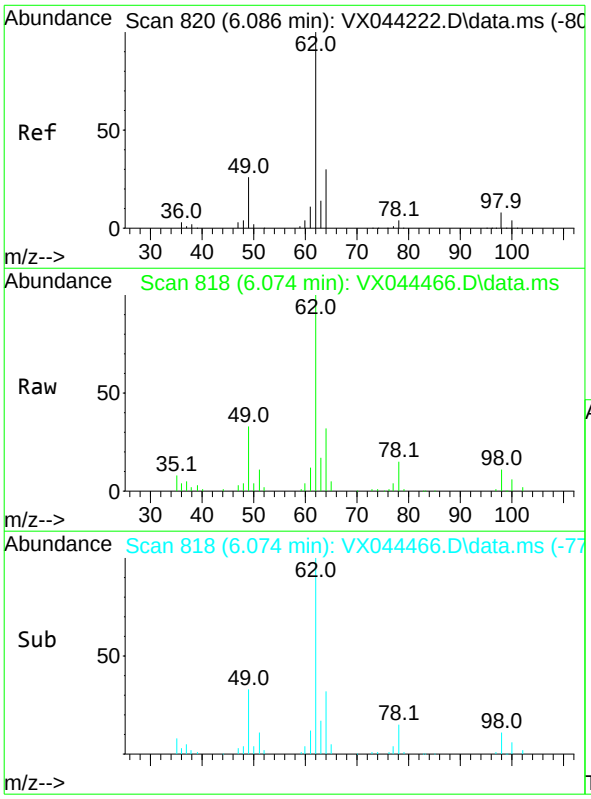
Tgt Ion: 41 Resp: 42994

Ion	Ratio	Lower	Upper
41	100		
39	59.4	44.2	66.4
67	75.7	57.2	85.8
52	35.0	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

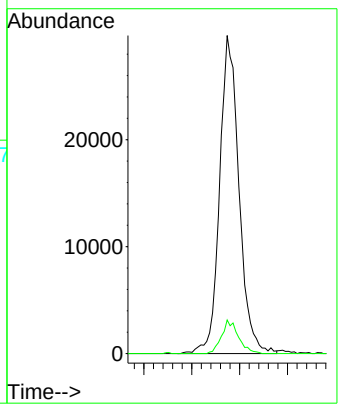
Manual Integrations APPROVED
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

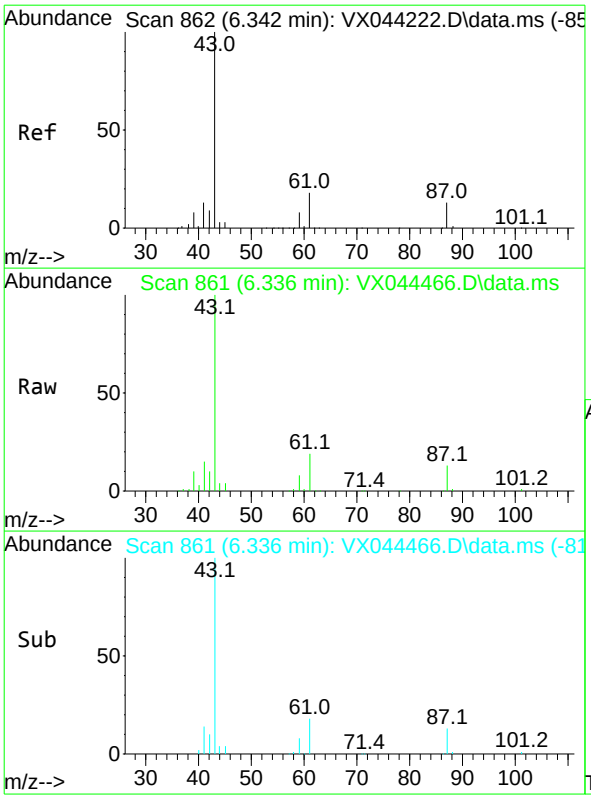


#42
1,2-Dichloroethane
Concen: 48.161 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.012 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 62 Resp: 83638

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	15.8

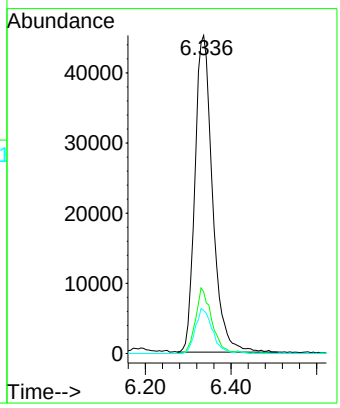




#43
Isopropyl Acetate
Concen: 47.918 ug/l
RT: 6.336 min Scan# 86
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 43 Resp: 128551

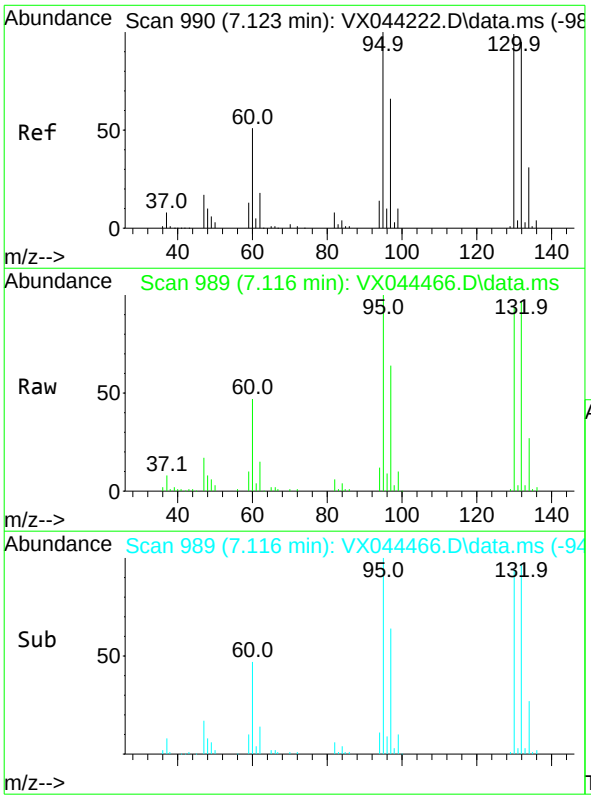
Ion	Ratio	Lower	Upper
43	100		
61	19.0	14.2	21.2
87	13.5	10.2	15.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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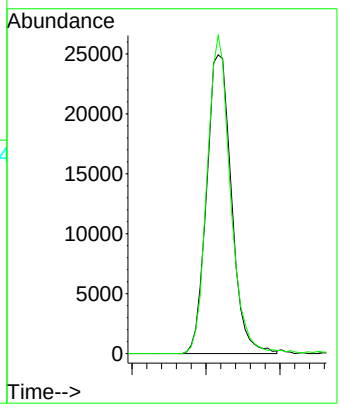
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

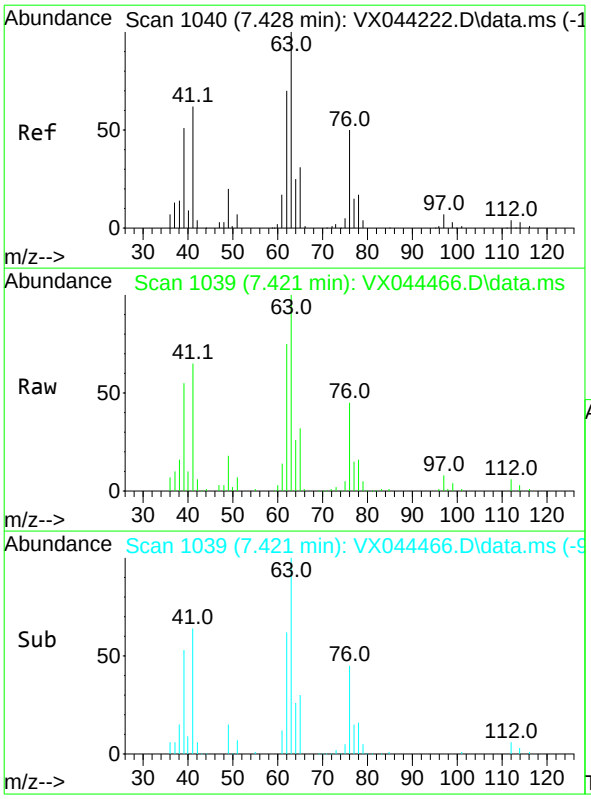


#44
Trichloroethene
Concen: 55.326 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:130 Resp: 58165

Ion	Ratio	Lower	Upper
130	100		
95	106.5	0.0	201.4

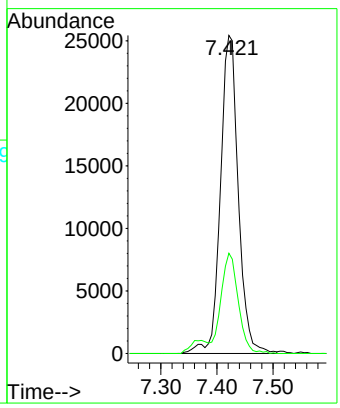




#45
1,2-Dichloropropane
Concen: 52.281 ug/l
RT: 7.421 min Scan# 10
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 63 Resp: 56311

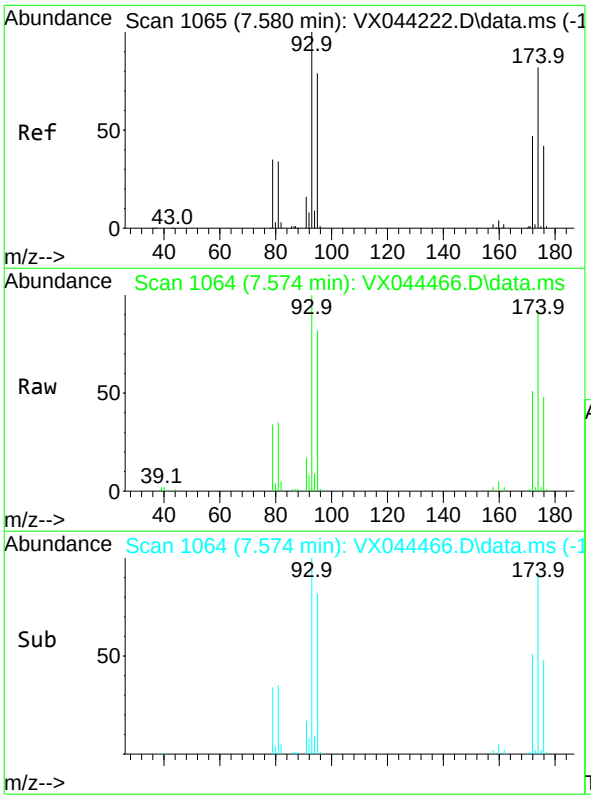
Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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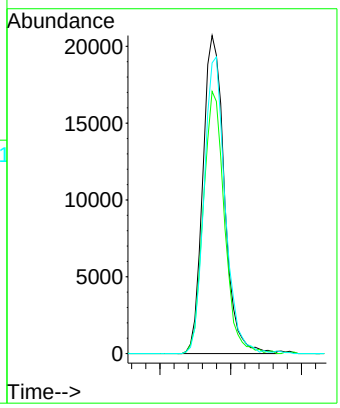
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

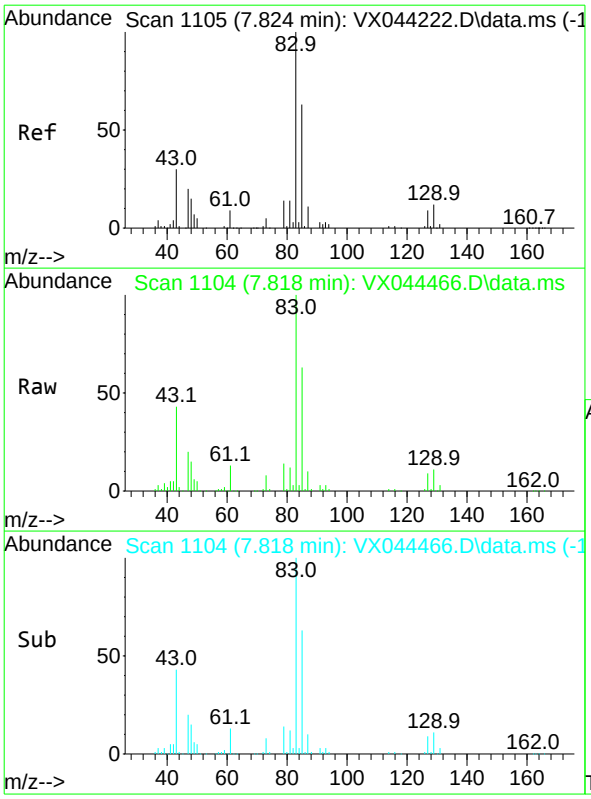


#46
Dibromomethane
Concen: 52.402 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 93 Resp: 43787

Ion	Ratio	Lower	Upper
93	100		
95	80.6	65.4	98.2
174	91.3	67.9	101.9

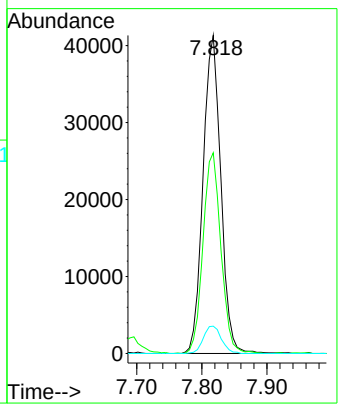




#47
Bromodichloromethane
Concen: 54.300 ug/l
RT: 7.818 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 83 Resp: 78361

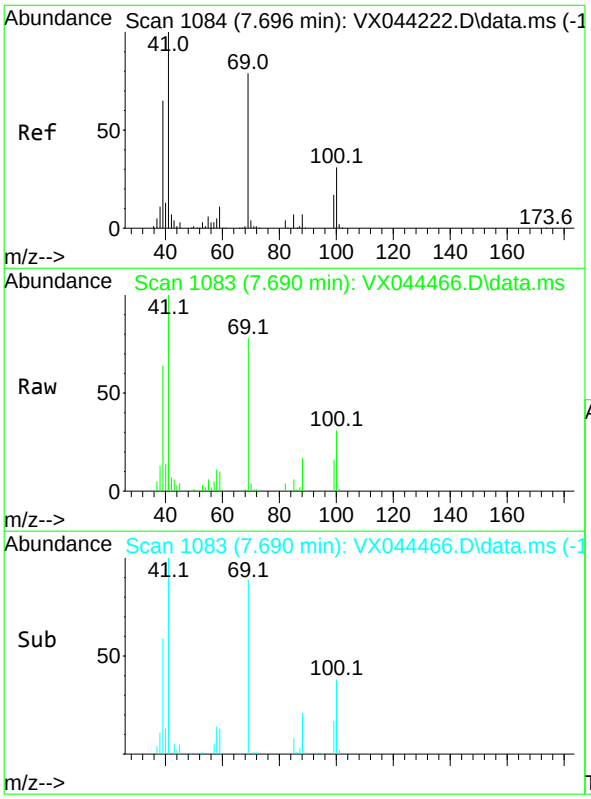
Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.6	75.8
127	8.6	7.3	10.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

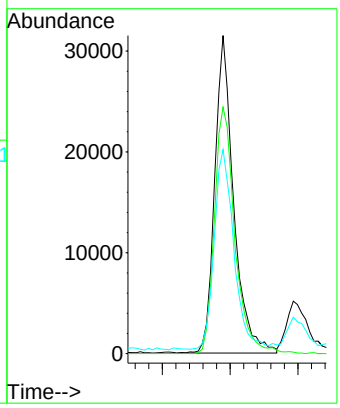
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

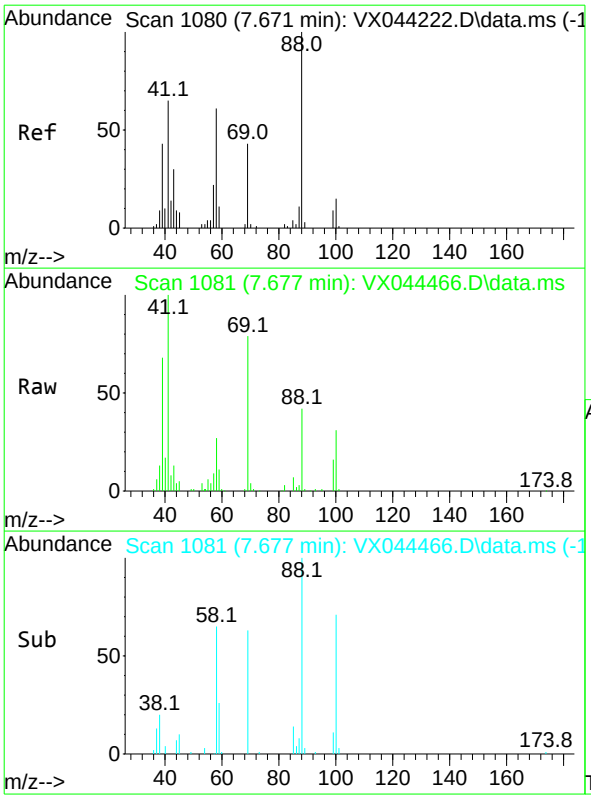


#48
Methyl methacrylate
Concen: 46.898 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 41 Resp: 61073

Ion	Ratio	Lower	Upper
41	100		
69	83.9	62.4	93.6
39	65.2	53.3	79.9

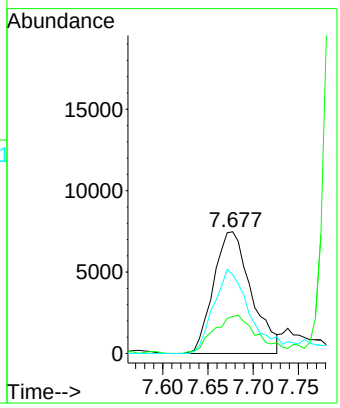




#49
1,4-Dioxane
Concen: 1005.738 ug/l
RT: 7.677 min Scan# 10
Delta R.T. 0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 88 Resp: 21715

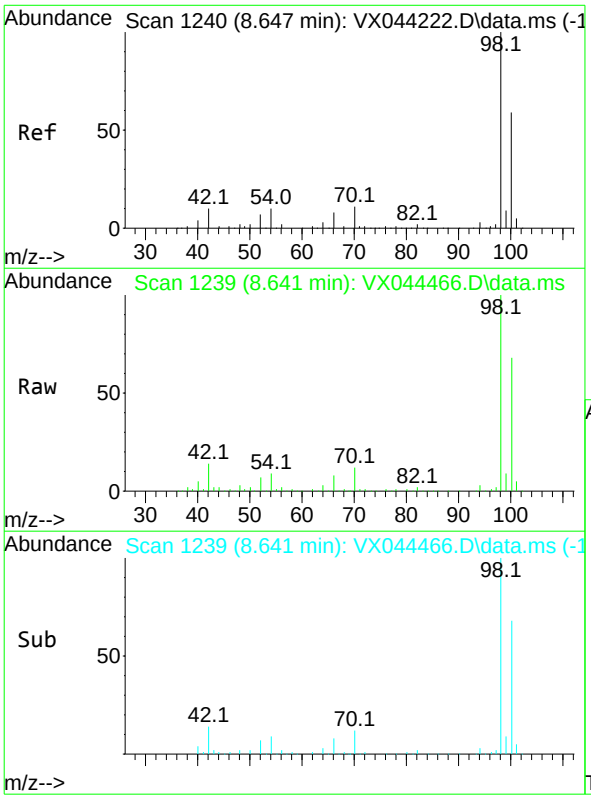
Ion	Ratio	Lower	Upper
88	100		
43	36.1	27.1	40.7
58	68.3	41.0	61.4#



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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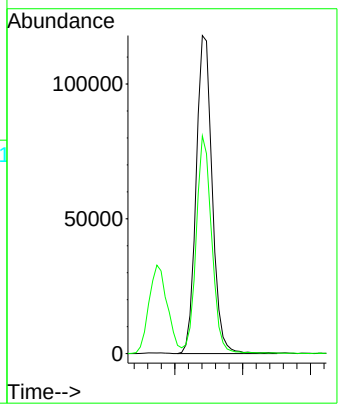
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

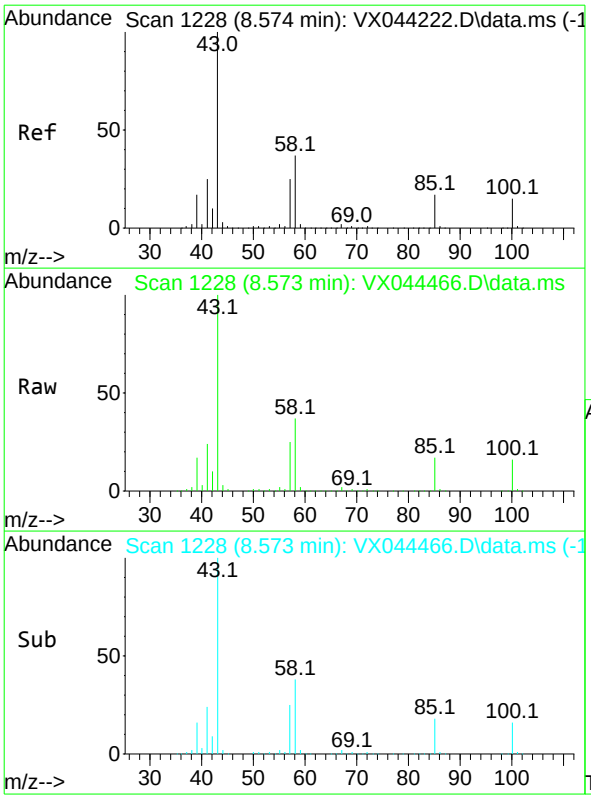


#50
Toluene-d8
Concen: 53.468 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 98 Resp: 193768

Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.5	77.3

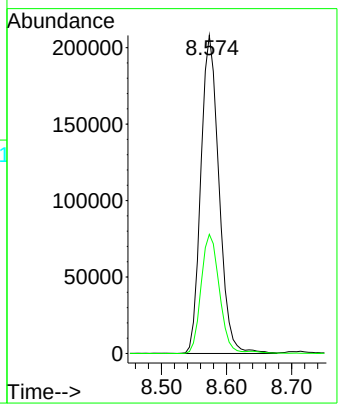




#51
4-Methyl-2-Pentanone
Concen: 233.216 ug/l
RT: 8.573 min Scan# 12
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 43 Resp: 402283

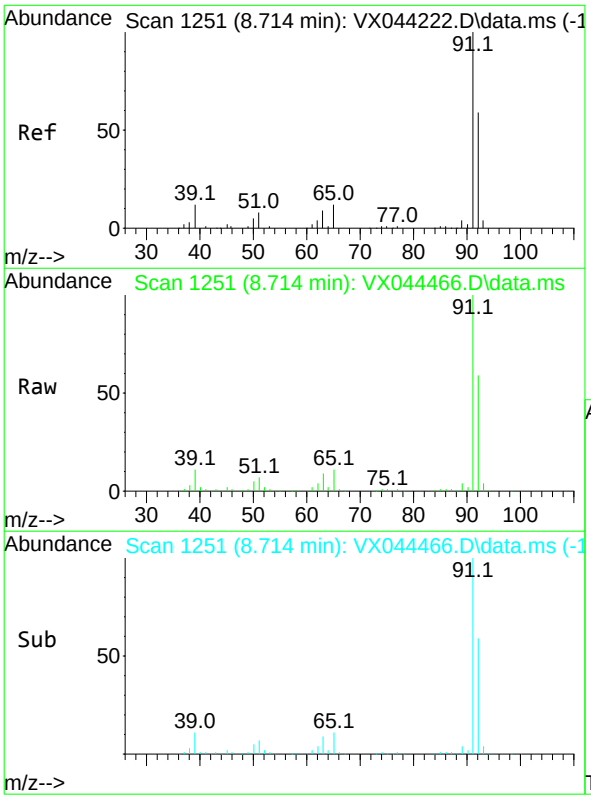
Ion	Ratio	Lower	Upper
43	100		
58	37.5	29.4	44.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

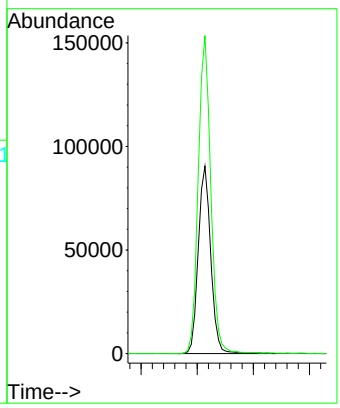
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

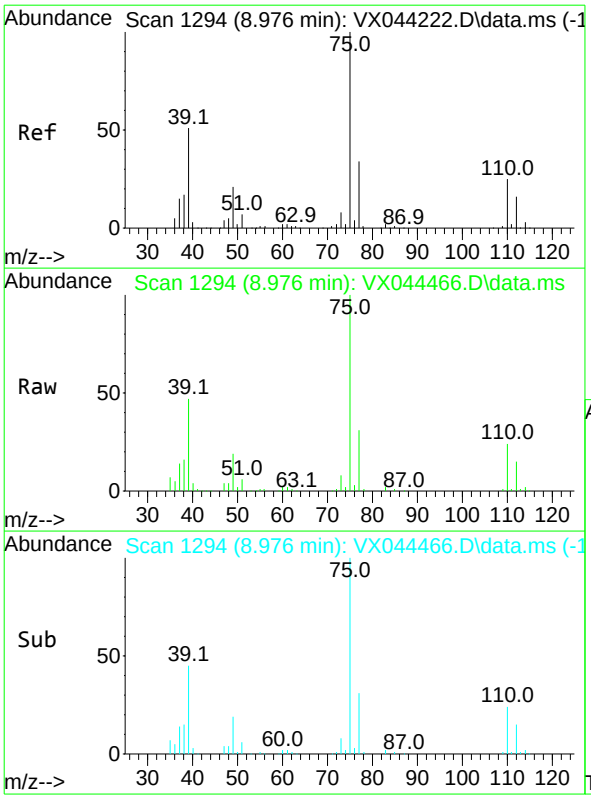


#52
Toluene
Concen: 52.949 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 92 Resp: 140179

Ion	Ratio	Lower	Upper
92	100		
91	170.0	137.0	205.6

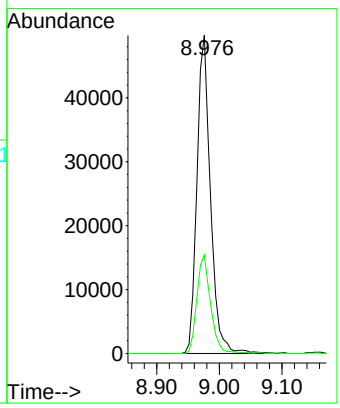




#53
t-1,3-Dichloropropene
Concen: 48.256 ug/l
RT: 8.976 min Scan# 12
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 75 Resp: 74563

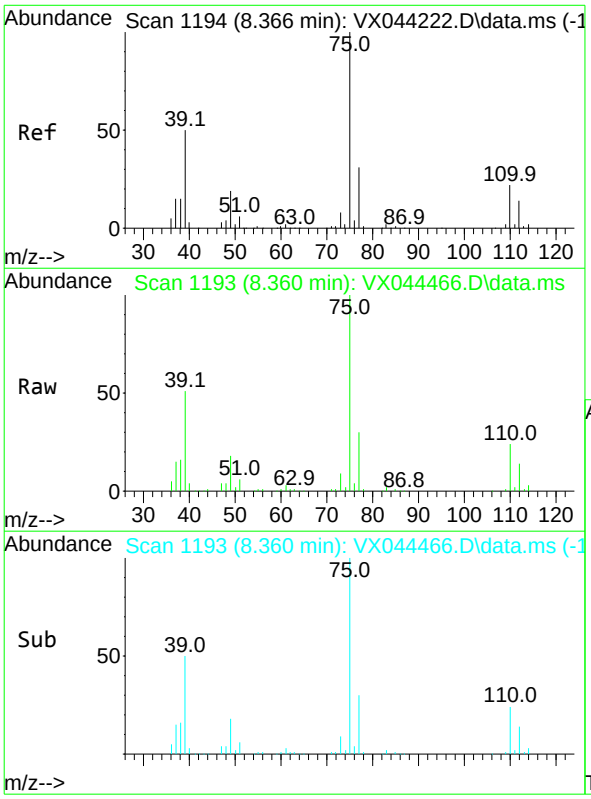
Ion	Ratio	Lower	Upper
75	100		
77	30.9	27.2	40.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

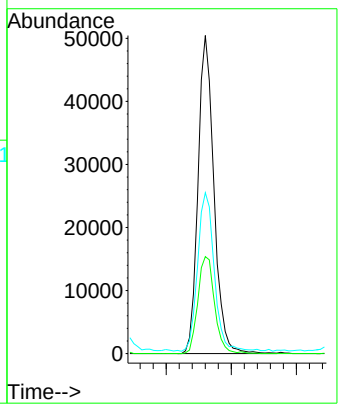
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

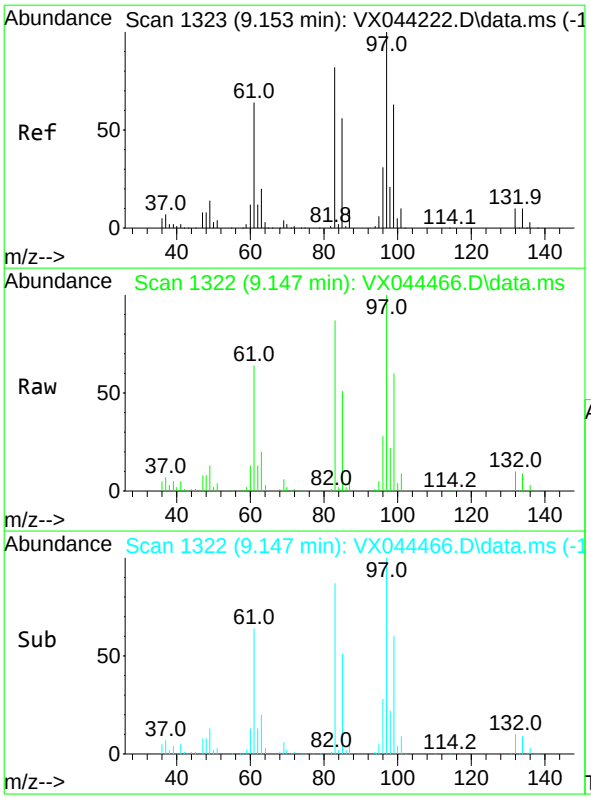


#54
cis-1,3-Dichloropropene
Concen: 54.358 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 75 Resp: 85414

Ion	Ratio	Lower	Upper
75	100		
77	30.5	24.7	37.1
39	49.6	40.3	60.5

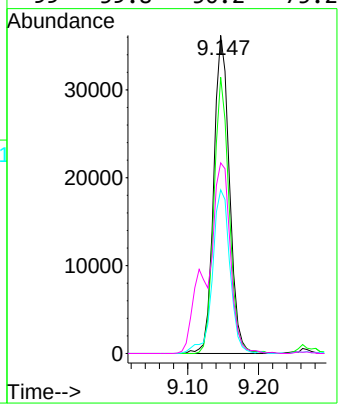




#55
1,1,2-Trichloroethane
Concen: 53.264 ug/l
RT: 9.147 min Scan# 13
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 97 Resp: 56021

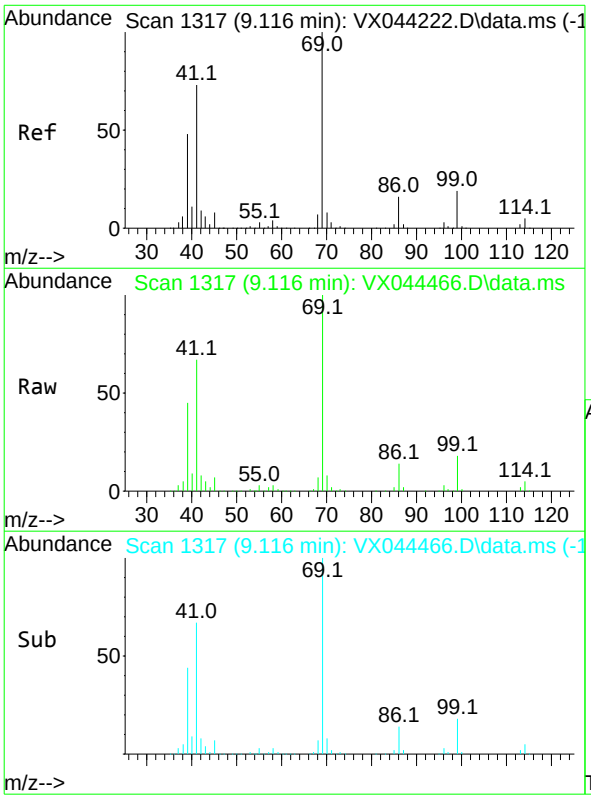
Ion	Ratio	Lower	Upper
97	100		
83	86.8	65.3	97.9
85	51.4	44.6	67.0
99	59.8	50.2	75.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

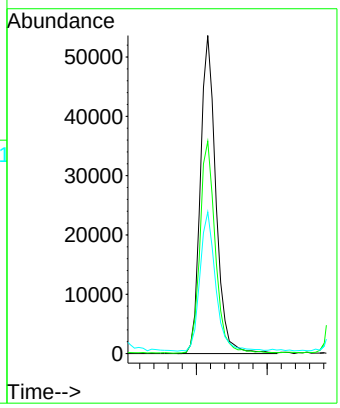
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

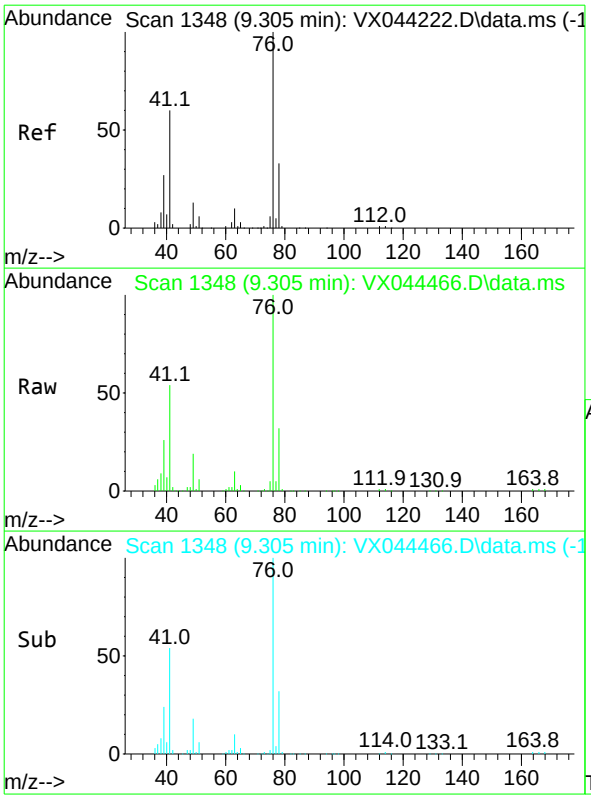


#56
Ethyl methacrylate
Concen: 49.194 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 69 Resp: 81680

Ion	Ratio	Lower	Upper
69	100		
41	66.3	56.6	85.0
39	44.3	37.4	56.0

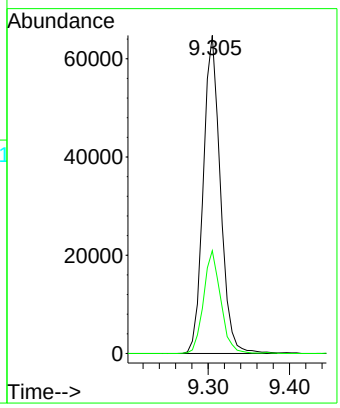




#57
1,3-Dichloropropane
Concen: 51.667 ug/l
RT: 9.305 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 76 Resp: 94586

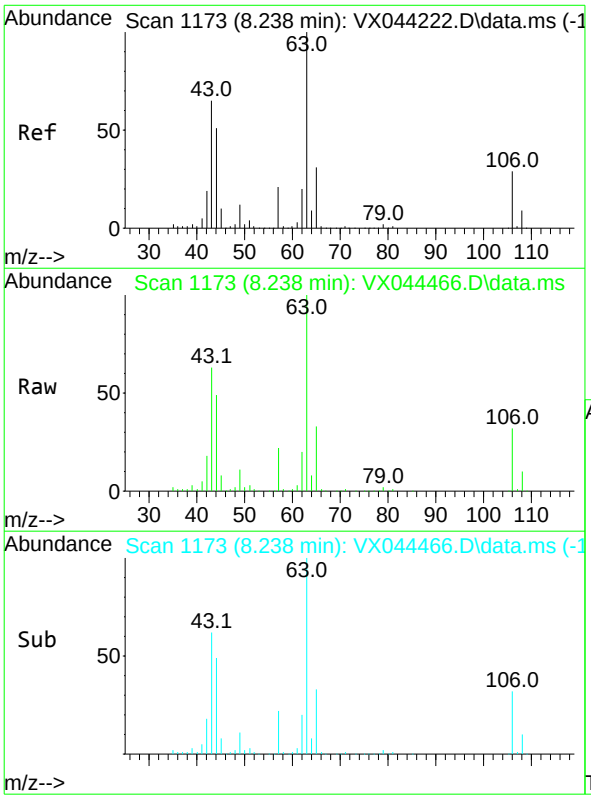
Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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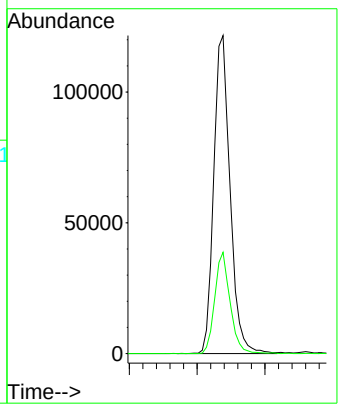
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

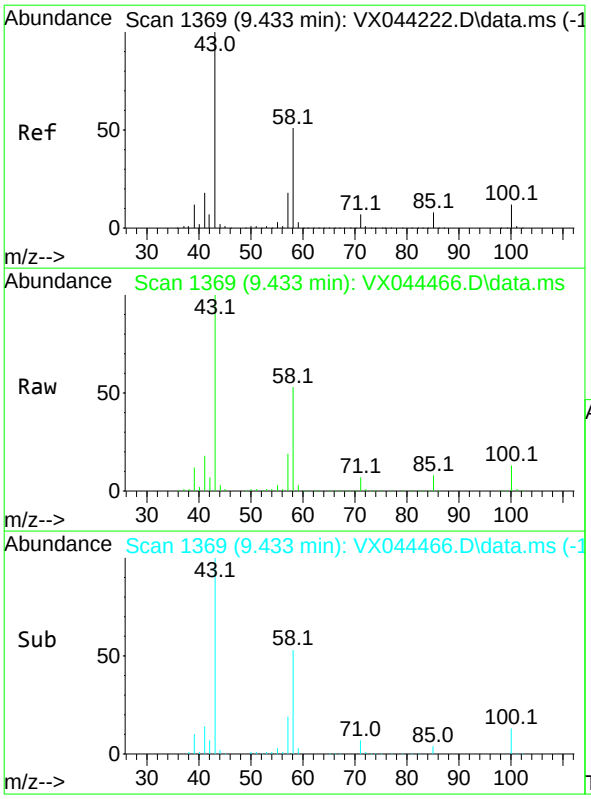


#58
2-Chloroethyl Vinyl ether
Concen: 242.753 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 63 Resp: 203293

Ion	Ratio	Lower	Upper
63	100		
106	30.0	22.8	34.2

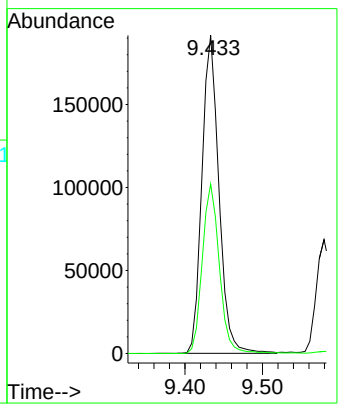




#59
2-Hexanone
Concen: 233.464 ug/l
RT: 9.433 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 43 Resp: 291491

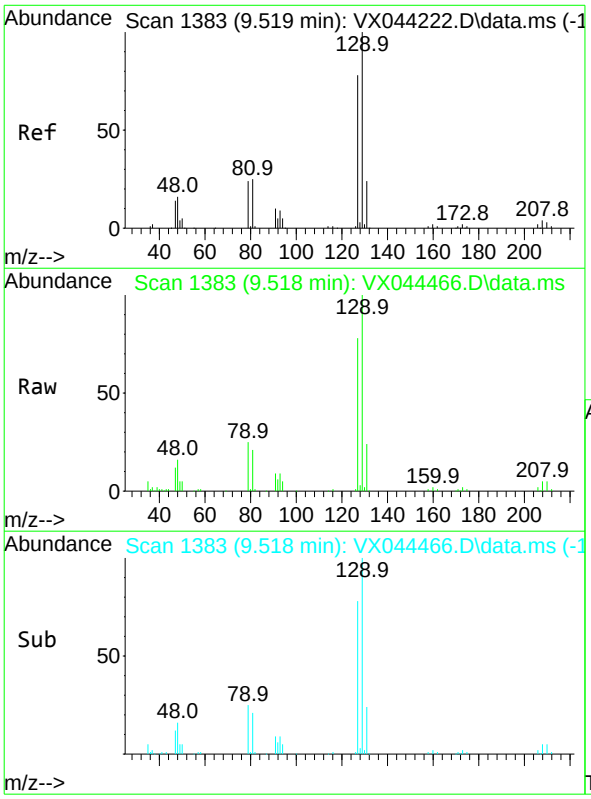
Ion	Ratio	Lower	Upper
43	100		
58	53.5	25.7	77.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

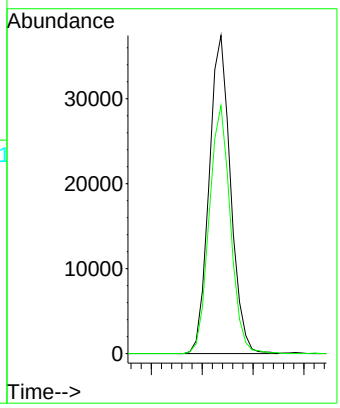
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

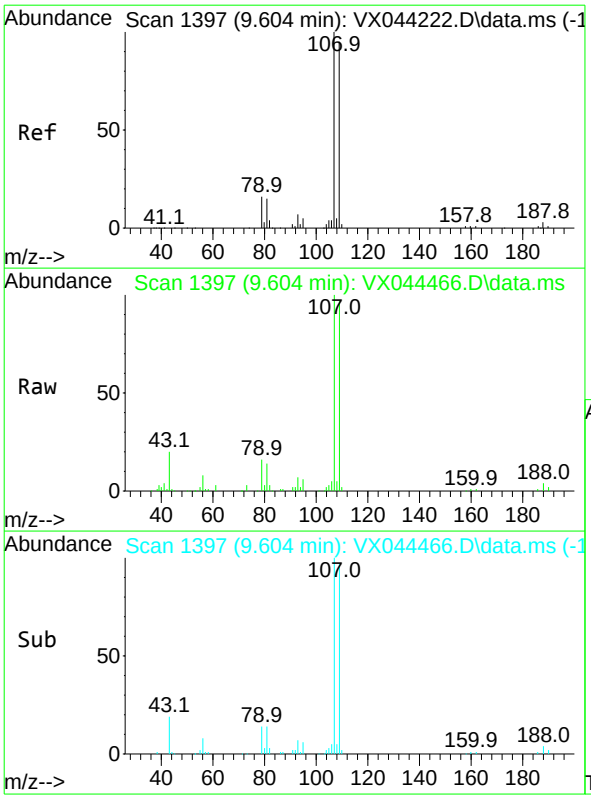


#60
Dibromochloromethane
Concen: 49.335 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:129 Resp: 54898

Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.5	115.3

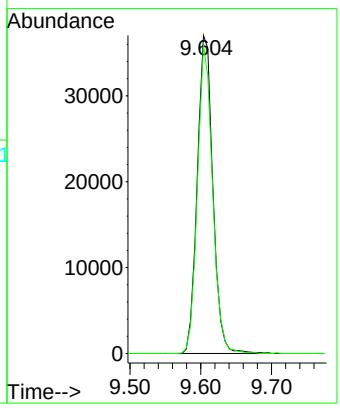




#61
1,2-Dibromoethane
Concen: 52.895 ug/l
RT: 9.604 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:107 Resp: 56628

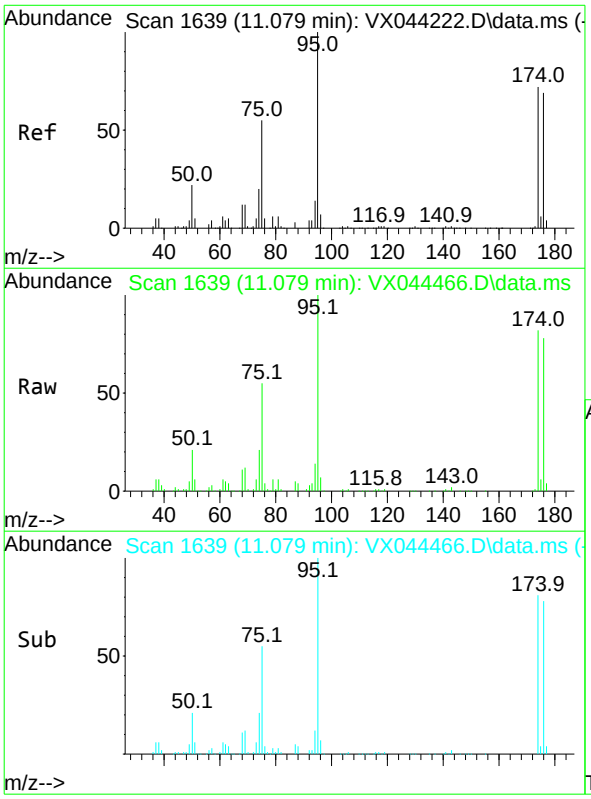
Ion	Ratio	Lower	Upper
107	100		
109	94.4	77.0	115.4



Instrument :
MSVOA_X
ClientSampleId :
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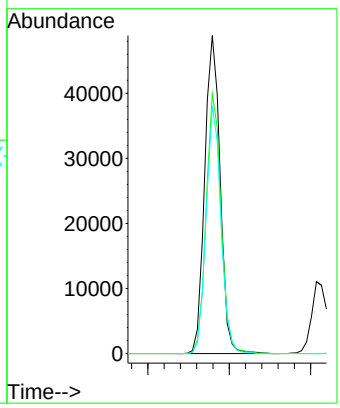
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

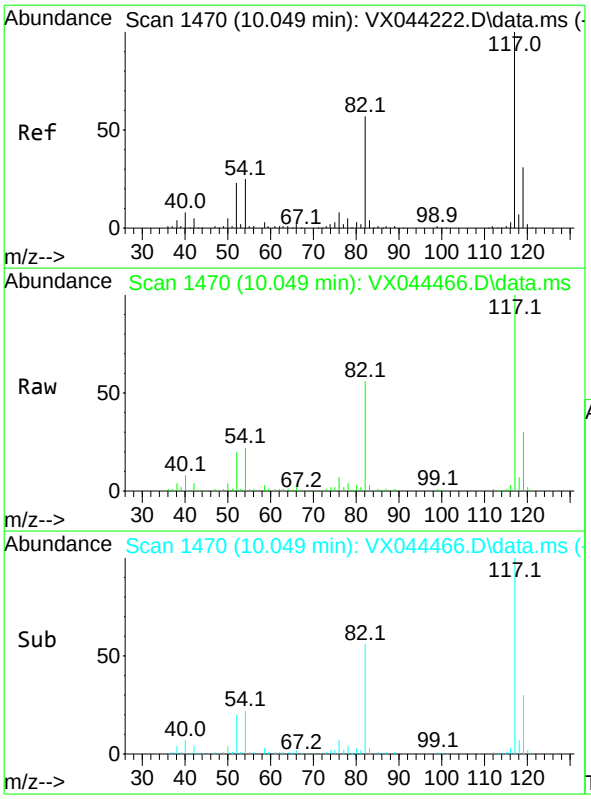


#62
4-Bromofluorobenzene
Concen: 50.827 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 95 Resp: 64363

Ion	Ratio	Lower	Upper
95	100		
174	79.7	0.0	145.8
176	74.8	0.0	137.8

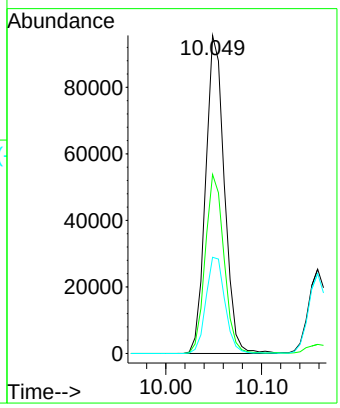




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:117 Resp: 129773

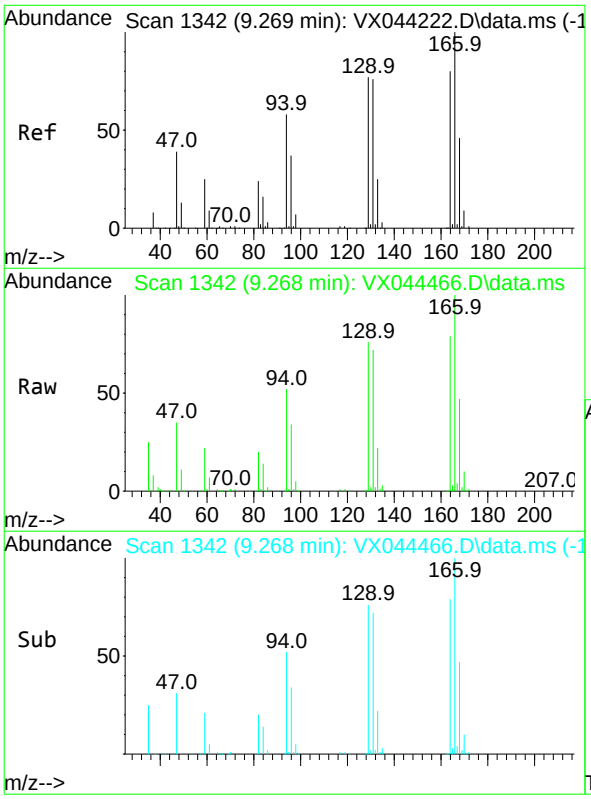
Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.8	68.8
119	30.2	25.0	37.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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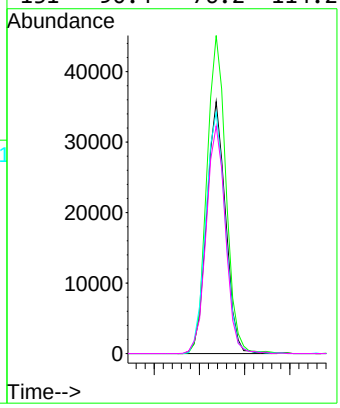
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

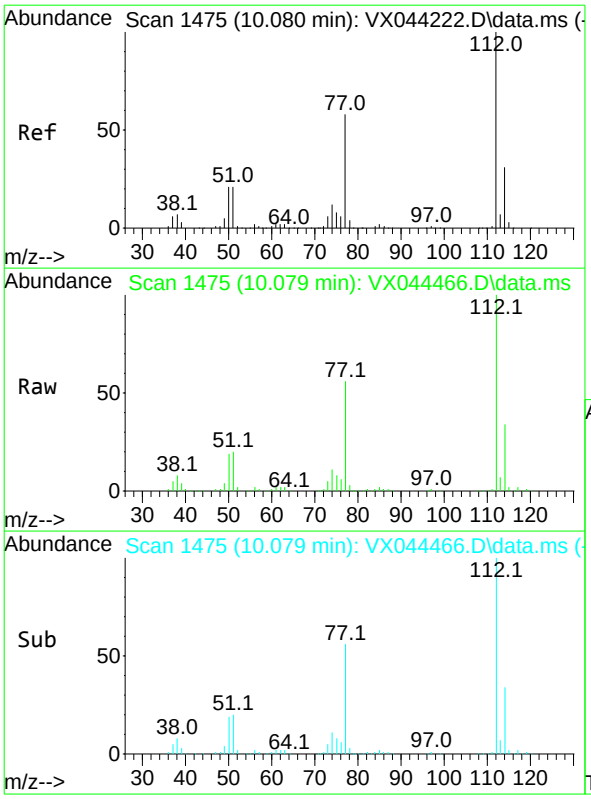


#64
Tetrachloroethene
Concen: 60.182 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:164 Resp: 51836

Ion	Ratio	Lower	Upper
164	100		
166	126.3	100.4	150.6
129	95.7	77.2	115.8
131	90.4	76.2	114.2

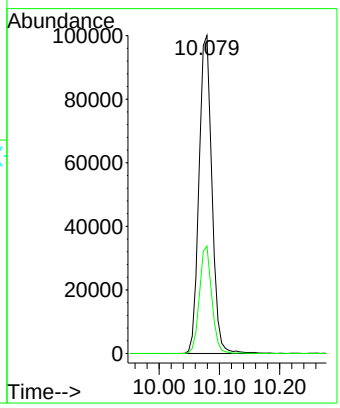




#65
Chlorobenzene
Concen: 53.435 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:112 Resp: 148588

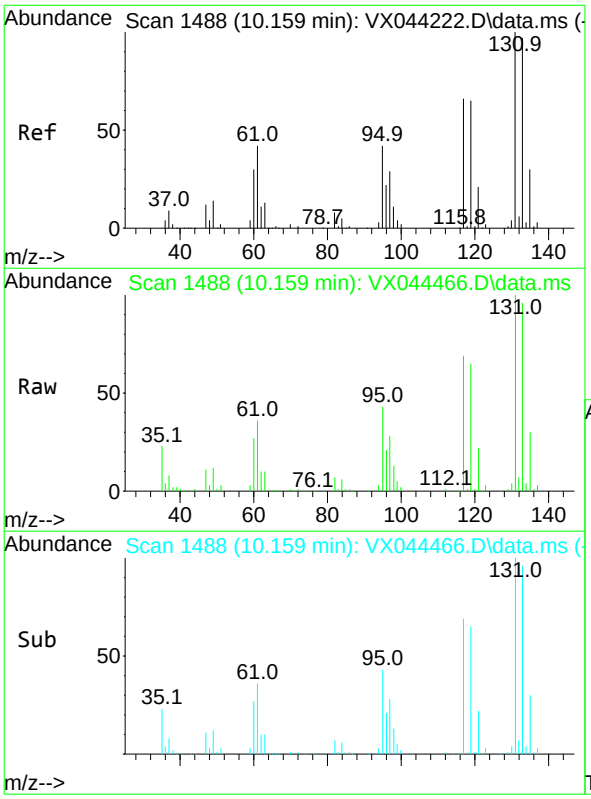
Ion	Ratio	Lower	Upper
112	100		
114	33.7	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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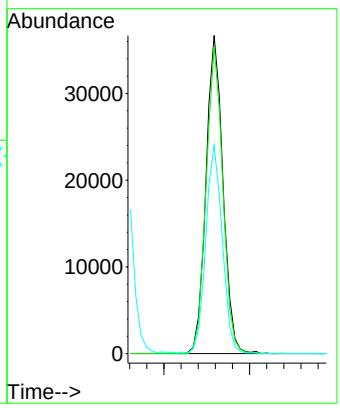
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

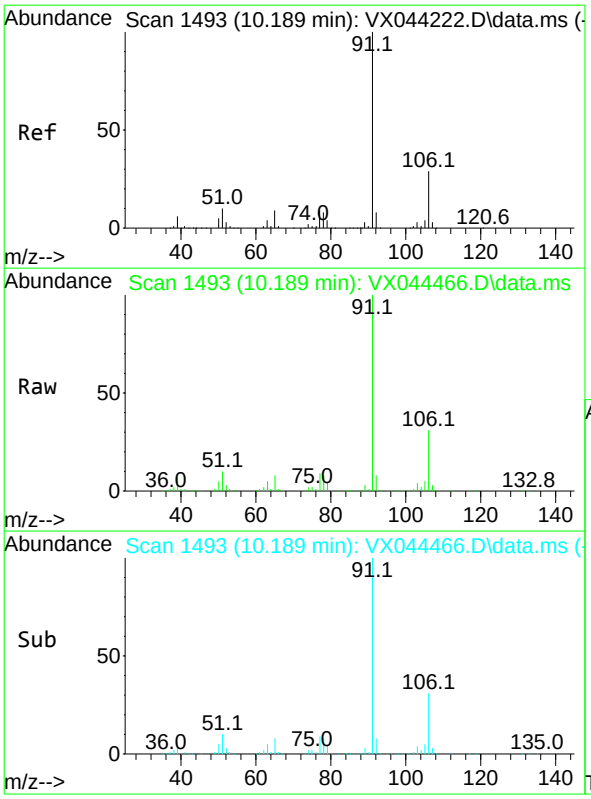


#66
1,1,1,2-Tetrachloroethane
Concen: 56.575 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:131 Resp: 50561

Ion	Ratio	Lower	Upper
131	100		
133	94.2	47.3	141.8
119	63.8	31.6	95.0

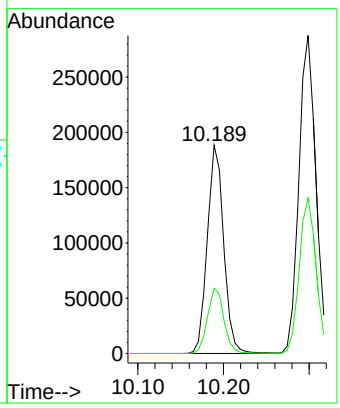




#67
Ethyl Benzene
Concen: 52.159 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 91 Resp: 250606

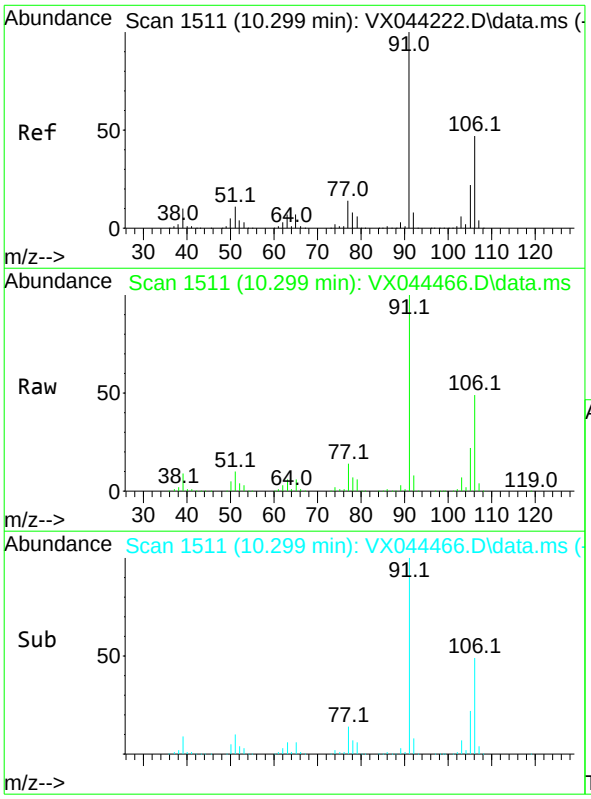
Ion	Ratio	Lower	Upper
91	100		
106	31.3	23.5	35.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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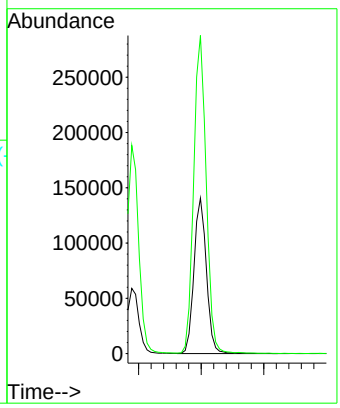
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

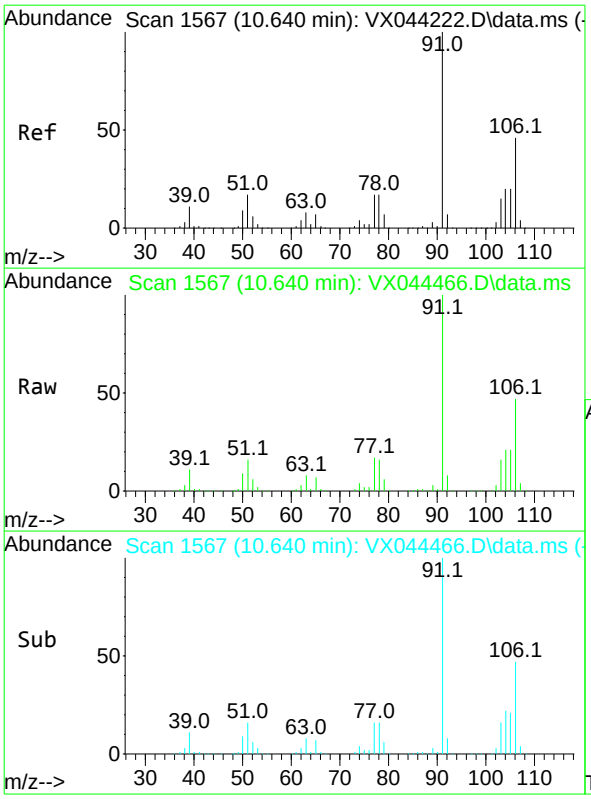


#68
m/p-Xylenes
Concen: 110.024 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:106 Resp: 193976

Ion	Ratio	Lower	Upper
106	100		
91	206.1	170.2	255.2

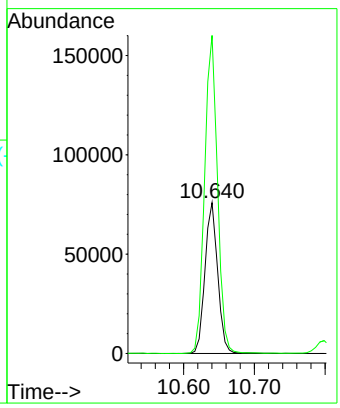




#69
o-Xylene
Concen: 53.232 ug/l
RT: 10.640 min Scan# 15
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:106 Resp: 94957

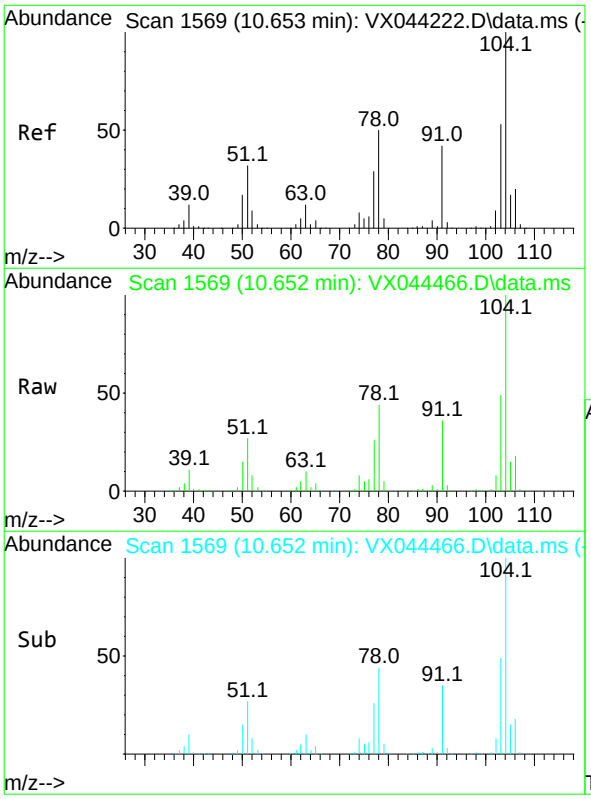
Ion	Ratio	Lower	Upper
106	100		
91	213.5	112.3	337.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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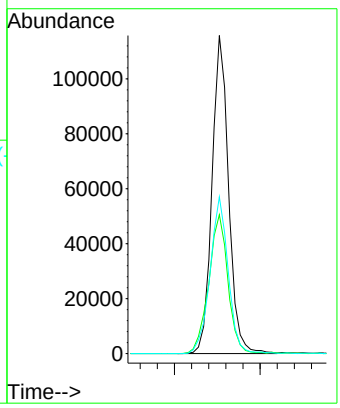
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

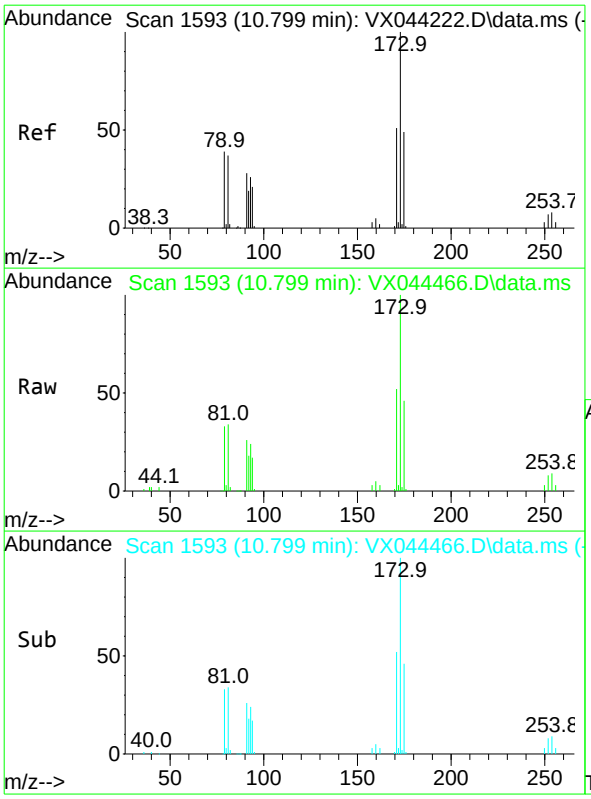


#70
Styrene
Concen: 54.396 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:104 Resp: 155555

Ion	Ratio	Lower	Upper
104	100		
78	50.6	44.6	67.0
103	54.0	45.4	68.0





#71
Bromoform
Concen: 52.112 ug/l
RT: 10.799 min Scan# 15
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

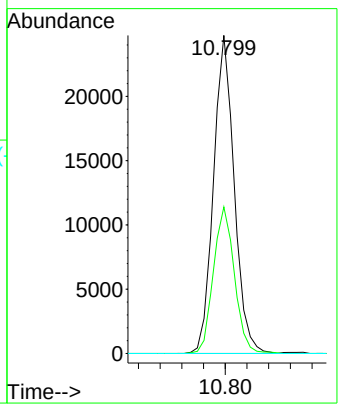
Tgt Ion:173 Resp: 32723

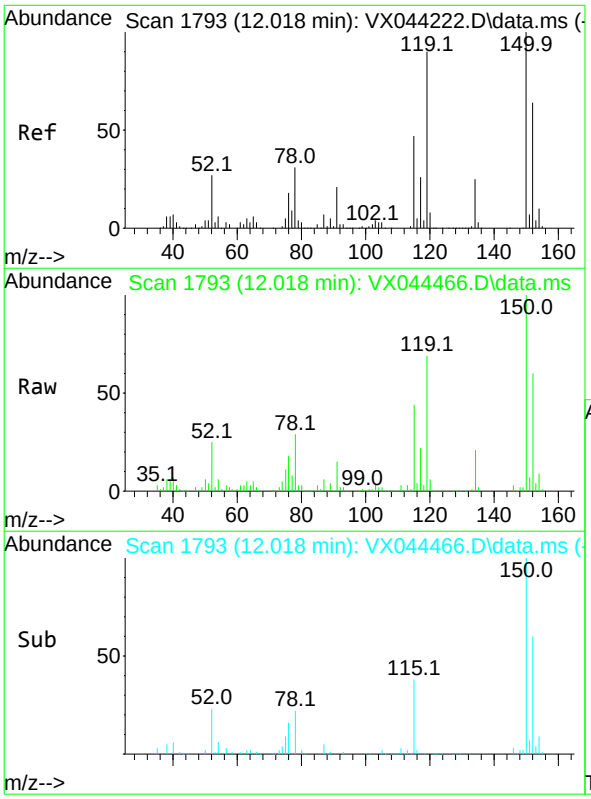
Ion	Ratio	Lower	Upper
173	100		
175	46.8	23.8	71.4
254	0.0	0.0	0.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

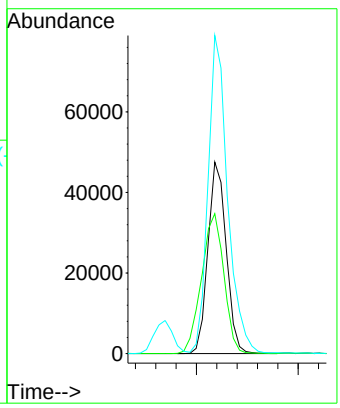


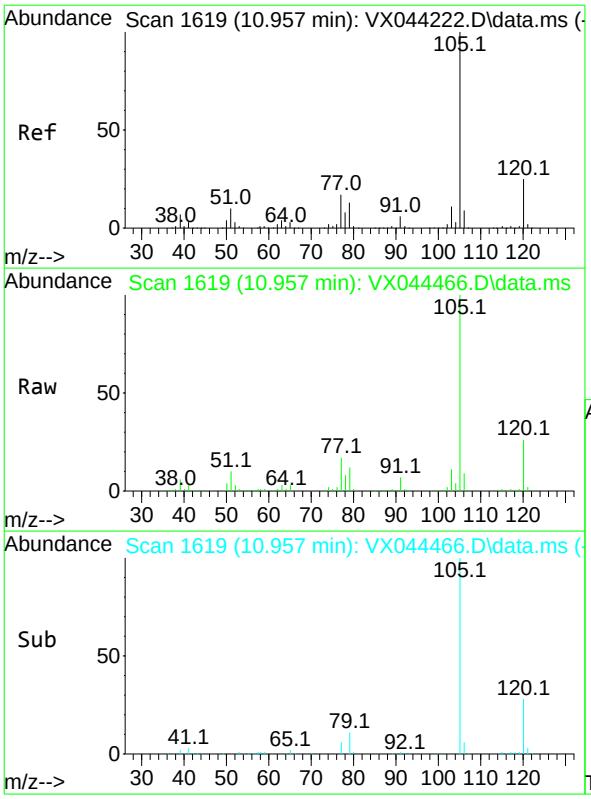


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:152 Resp: 59280

Ion	Ratio	Lower	Upper
152	100		
115	89.6	44.5	133.3
150	179.1	0.0	353.8

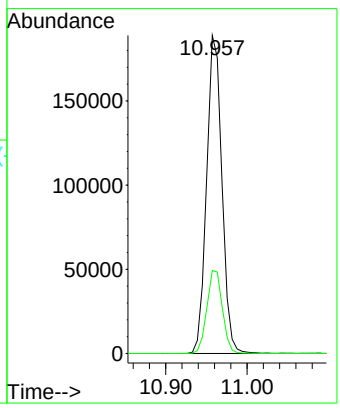




#73
Isopropylbenzene
Concen: 54.392 ug/l
RT: 10.957 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:105 Resp: 246838

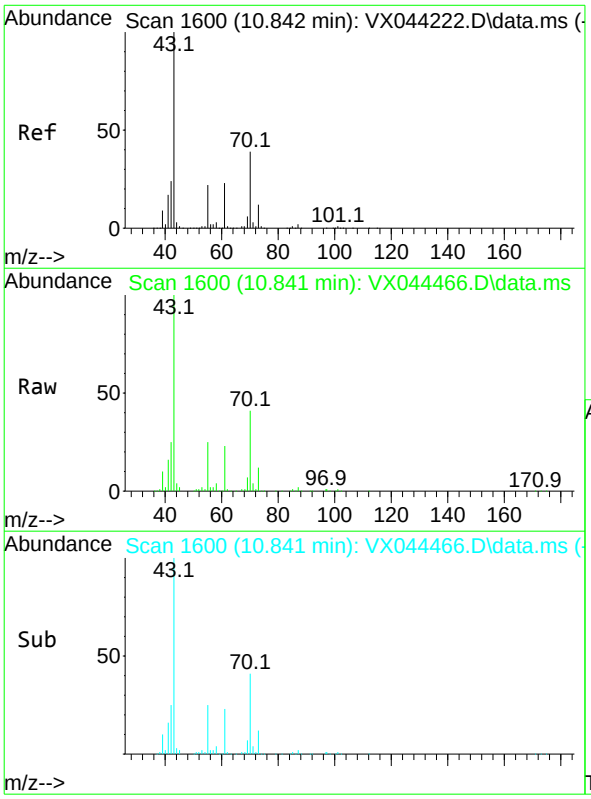
Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.1	39.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

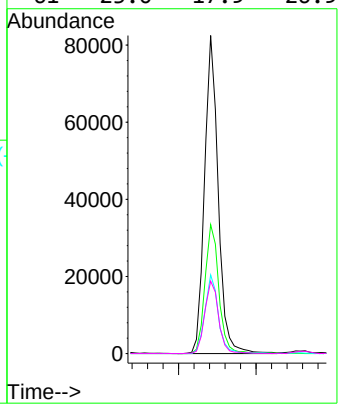
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

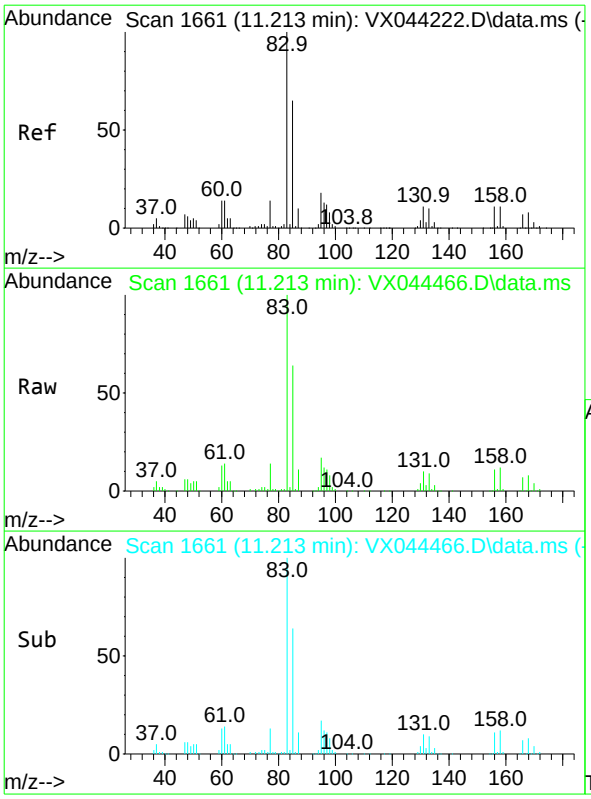


#74
N-amyl acetate
Concen: 48.214 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 43 Resp: 101119

Ion	Ratio	Lower	Upper
43	100		
70	41.3	31.9	47.9
55	24.4	17.9	26.9
61	23.0	17.9	26.9

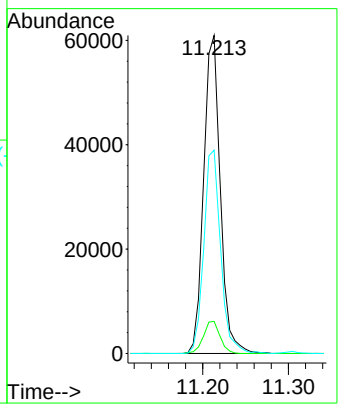




#75
1,1,2,2-Tetrachloroethane
Concen: 52.066 ug/l
RT: 11.213 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

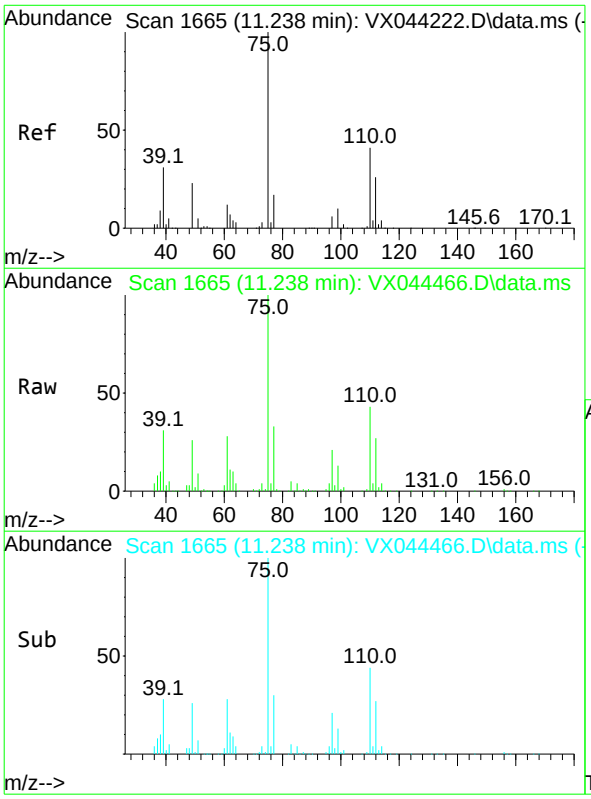
Tgt Ion: 83 Resp: 82068

Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.1	15.4
85	64.9	32.5	97.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

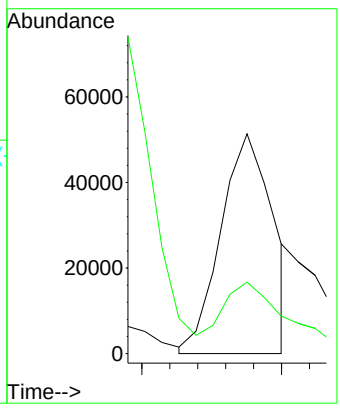
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Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

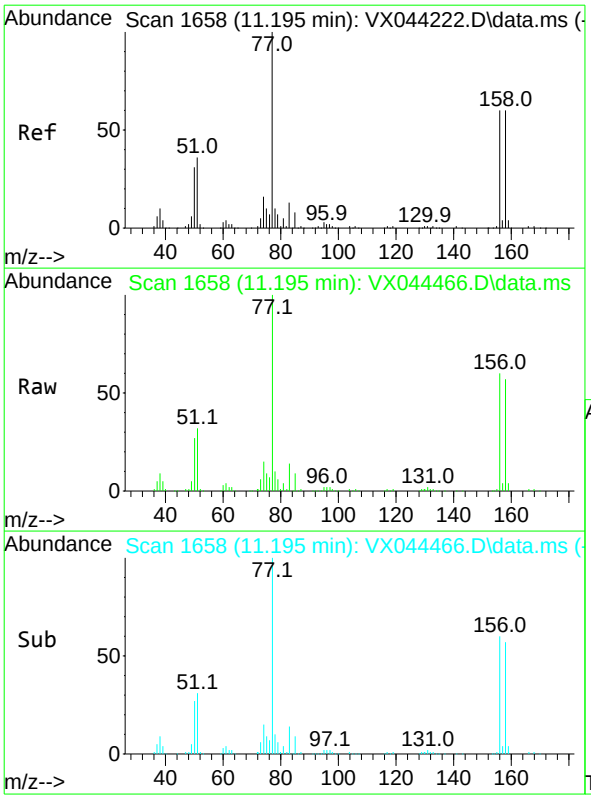


#76
1,2,3-Trichloropropane
Concen: 50.267 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 75 Resp: 66533

Ion	Ratio	Lower	Upper
75	100		
77	42.0	20.9	62.7

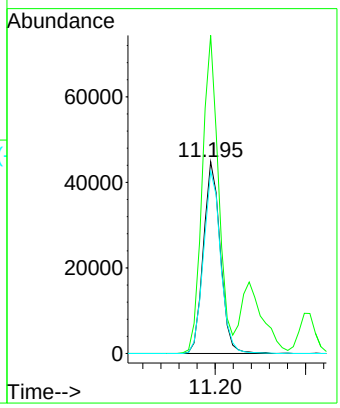




#77
Bromobenzene
Concen: 52.949 ug/l
RT: 11.195 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:156 Resp: 58269

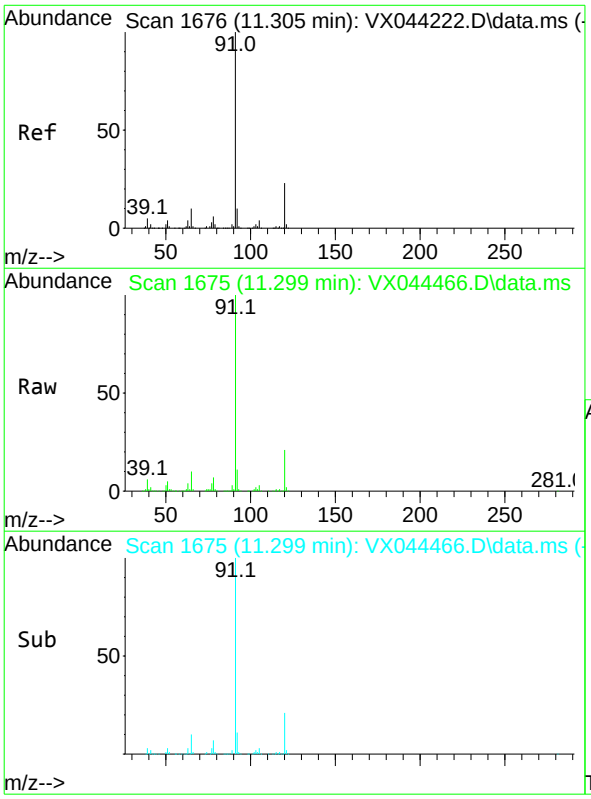
Ion	Ratio	Lower	Upper
156	100		
77	160.3	82.6	247.8
158	96.4	48.8	146.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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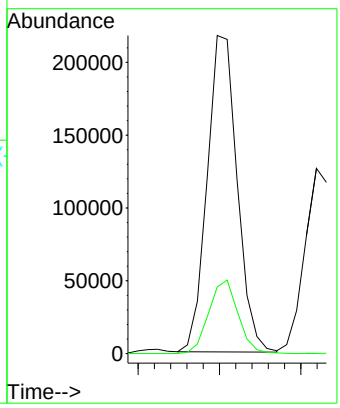
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

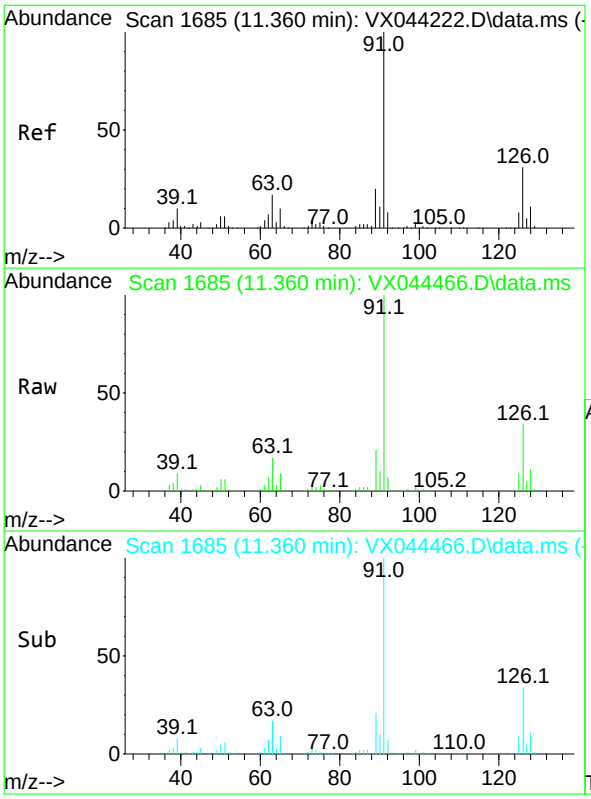


#78
n-propylbenzene
Concen: 55.610 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 91 Resp: 278932

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.0	33.0

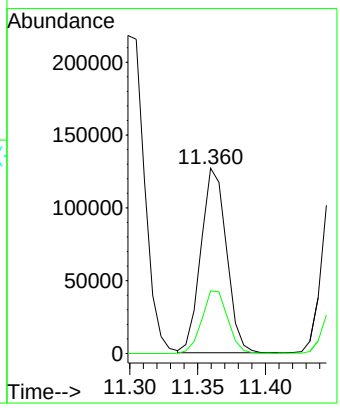




#79
2-Chlorotoluene
Concen: 51.245 ug/l
RT: 11.360 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 91 Resp: 166232

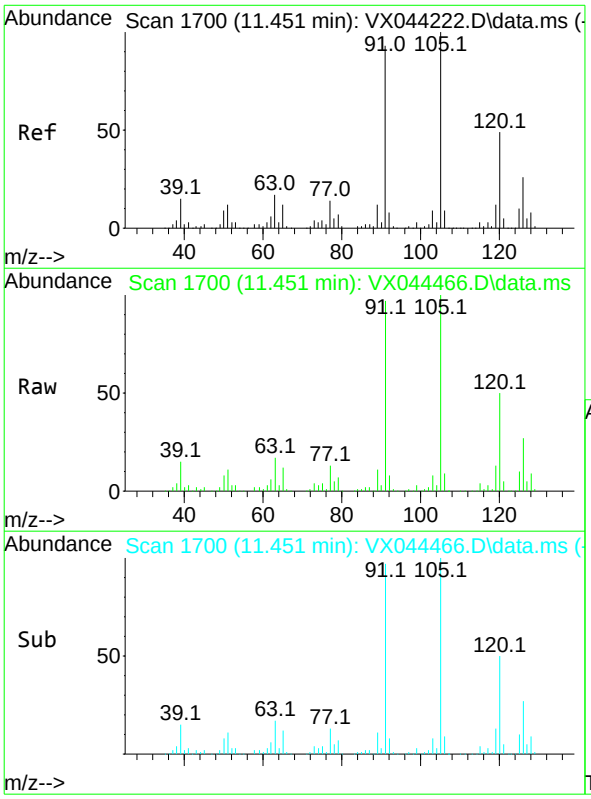
Ion	Ratio	Lower	Upper
91	100		
126	34.7	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

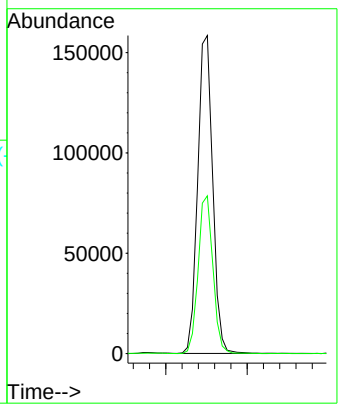
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

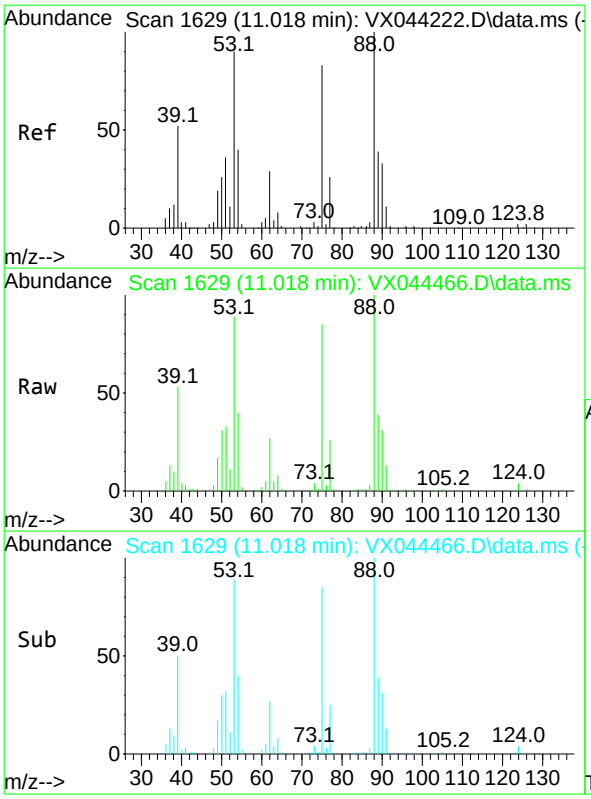


#80
1,3,5-Trimethylbenzene
Concen: 53.807 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:105 Resp: 202499

Ion	Ratio	Lower	Upper
105	100		
120	49.0	23.8	71.4

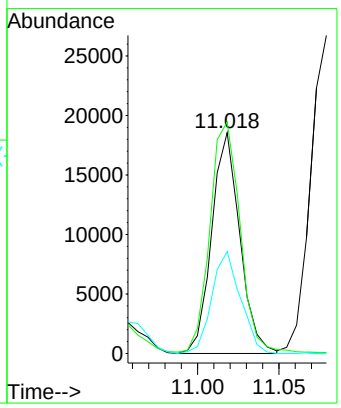




#81
trans-1,4-Dichloro-2-butene
Concen: 48.538 ug/l
RT: 11.018 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 75 Resp: 22335

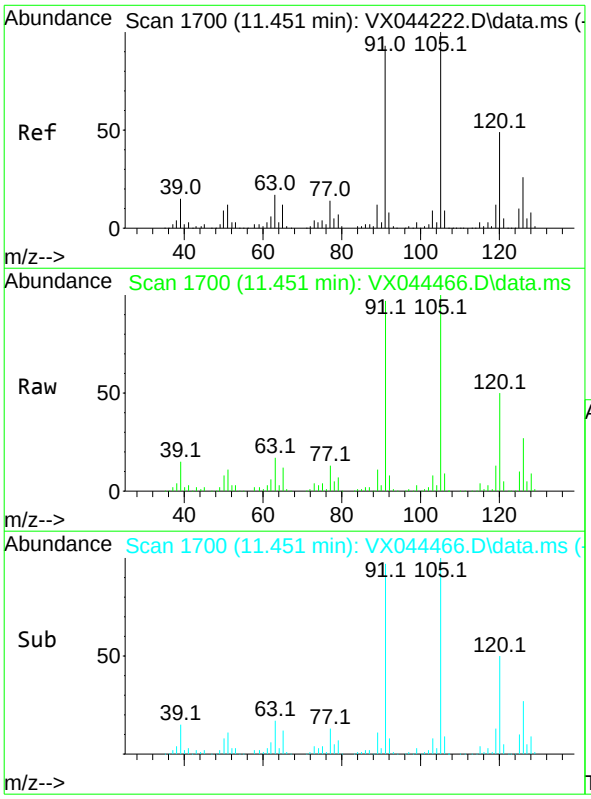
Ion	Ratio	Lower	Upper
75	100		
53	113.5	93.6	140.4
89	47.1	37.3	55.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

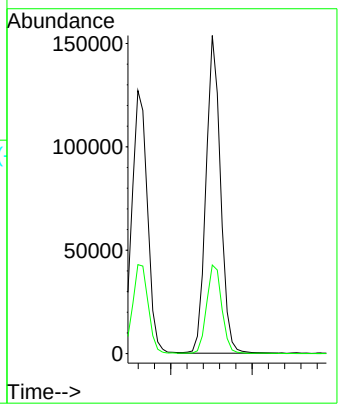
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

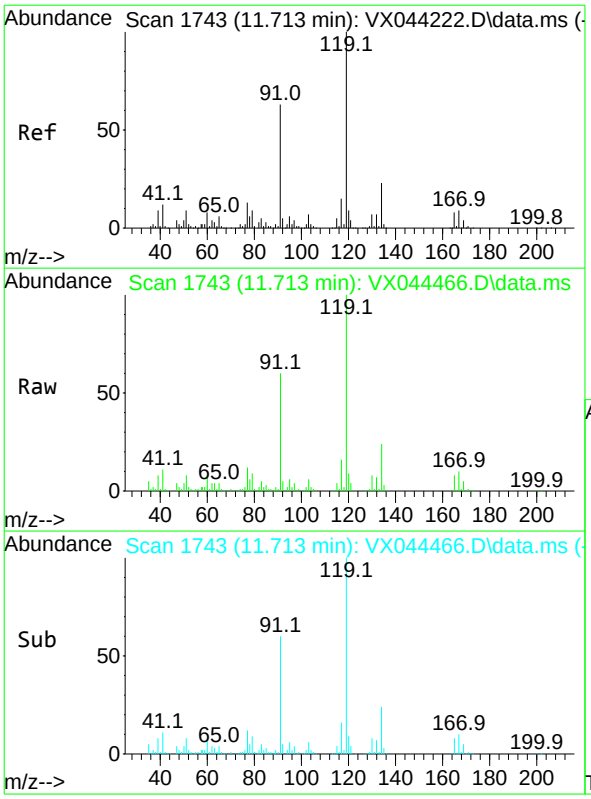


#82
4-Chlorotoluene
Concen: 52.988 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 91 Resp: 190339

Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.5	43.5

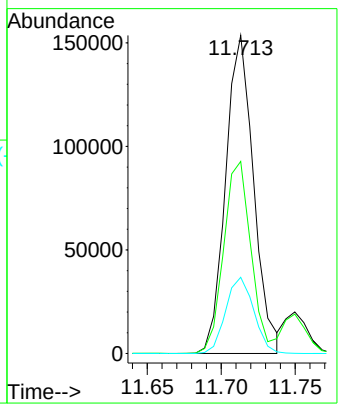




#83
tert-Butylbenzene
Concen: 54.400 ug/l
RT: 11.713 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:119 Resp: 202328

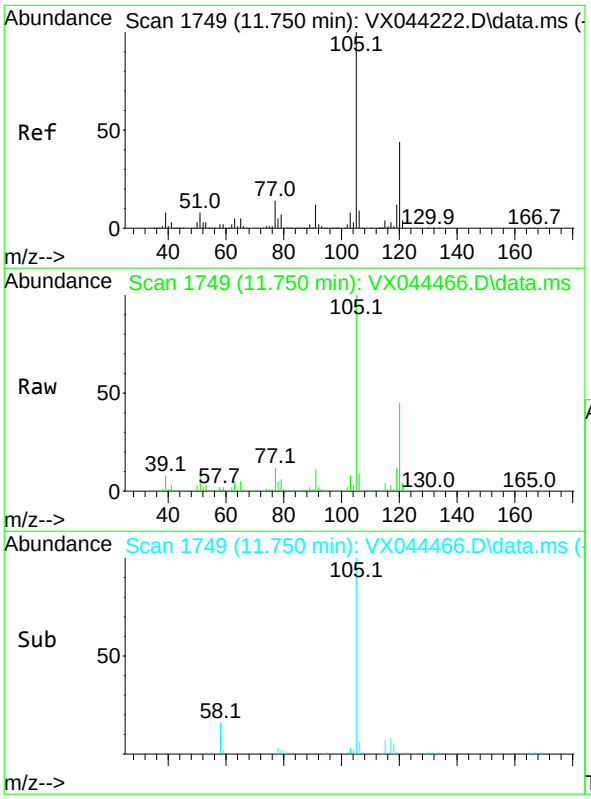
Ion	Ratio	Lower	Upper
119	100		
91	58.4	30.9	92.5
134	24.0	11.5	34.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

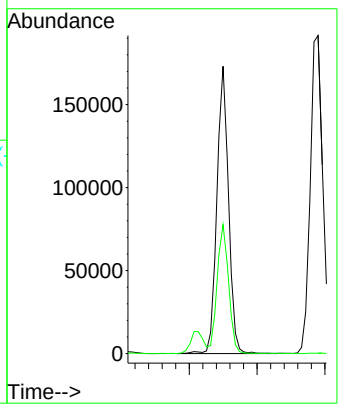
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

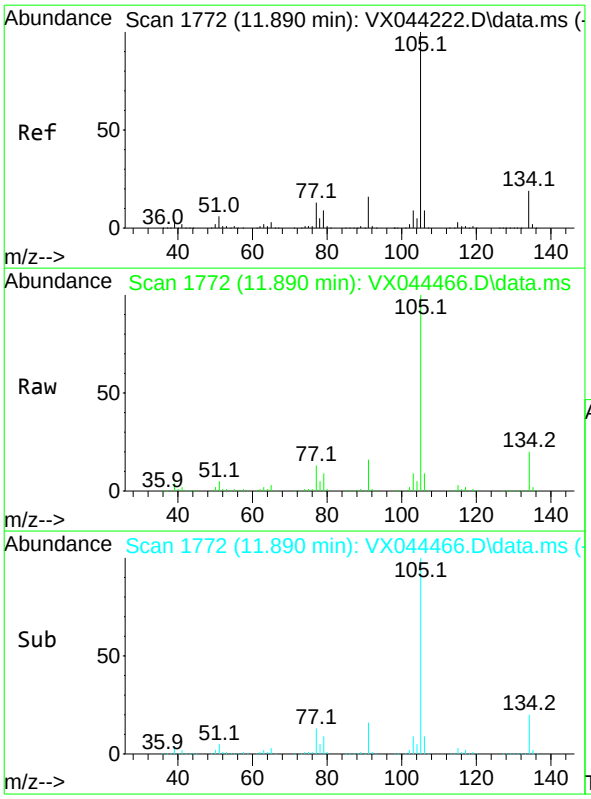


#84
1,2,4-Trimethylbenzene
Concen: 55.839 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:105 Resp: 206380

Ion	Ratio	Lower	Upper
105	100		
120	44.3	21.7	65.1

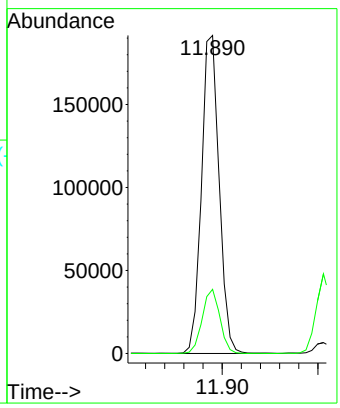




#85
sec-Butylbenzene
Concen: 54.332 ug/l
RT: 11.890 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:105 Resp: 245317

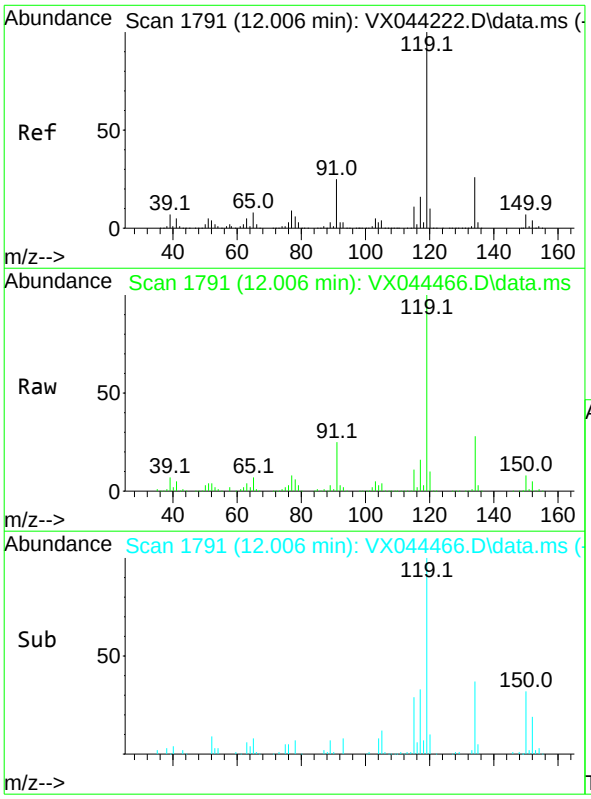
Ion	Ratio	Lower	Upper
105	100		
134	20.2	9.8	29.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

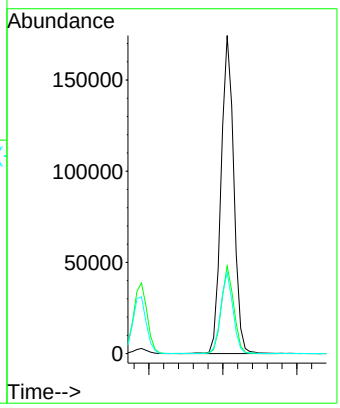
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

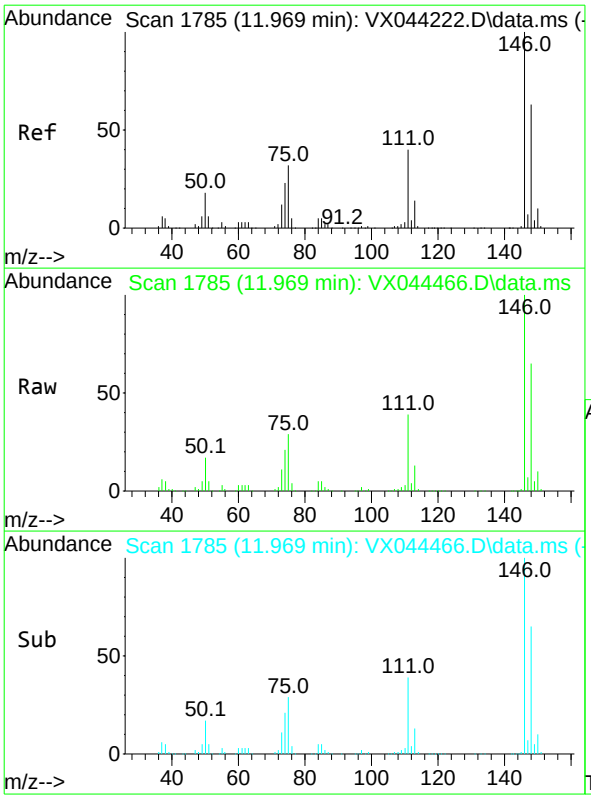


#86
p-Isopropyltoluene
Concen: 55.162 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:119 Resp: 207299

Ion	Ratio	Lower	Upper
119	100		
134	26.7	12.8	38.4
91	24.7	13.0	39.0

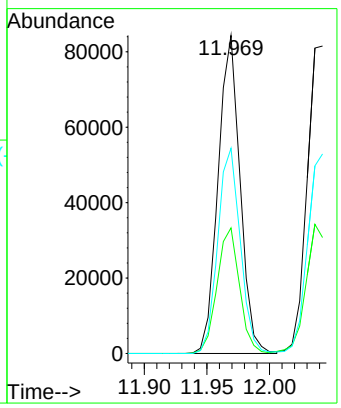




#87
1,3-Dichlorobenzene
Concen: 53.639 ug/l
RT: 11.969 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:146 Resp: 103109

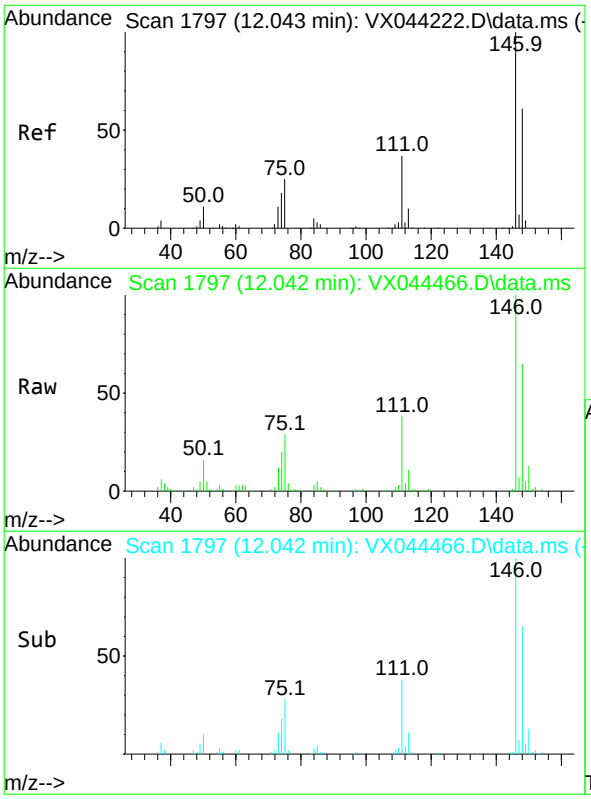
Ion	Ratio	Lower	Upper
146	100		
111	40.2	21.4	64.2
148	66.0	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

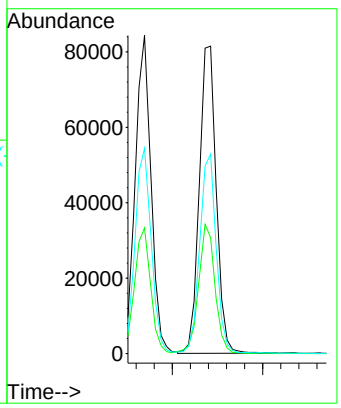
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

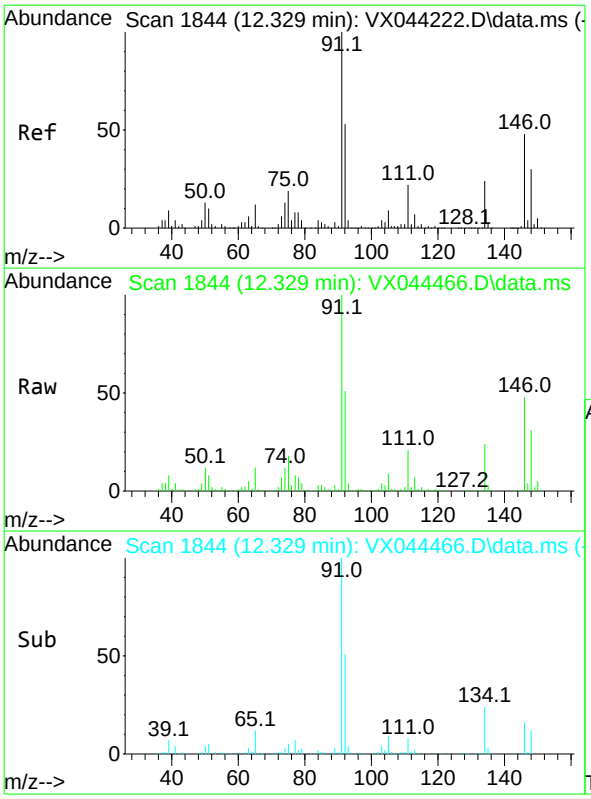


#88
1,4-Dichlorobenzene
Concen: 53.777 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:146 Resp: 106265

Ion	Ratio	Lower	Upper
146	100		
111	40.6	21.0	63.0
148	62.8	32.3	96.8

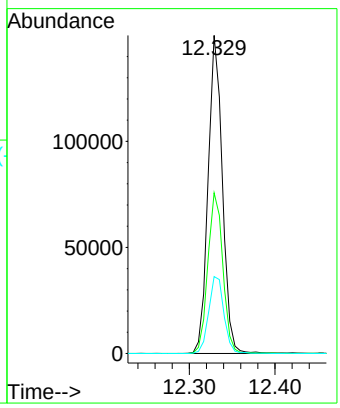




#89
n-Butylbenzene
Concen: 54.910 ug/l
RT: 12.329 min Scan# 18
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 91 Resp: 173517

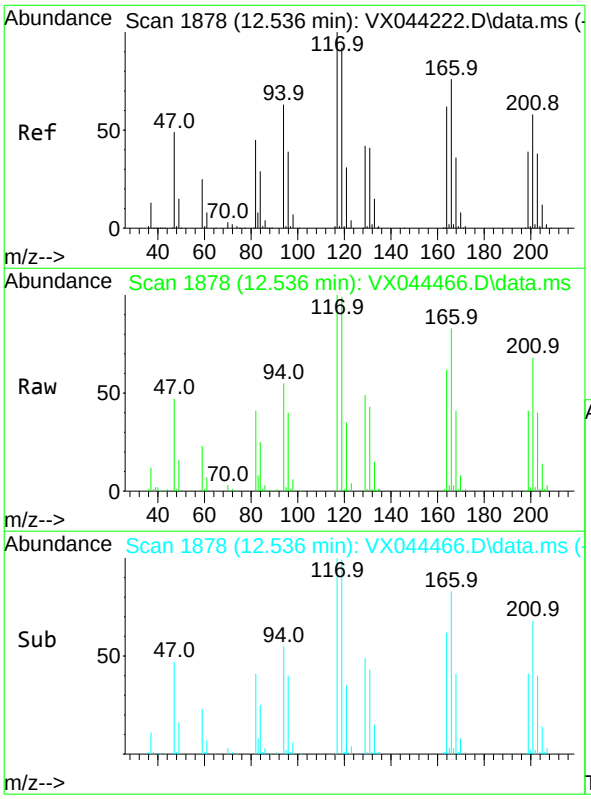
Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.6	79.7
134	25.8	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

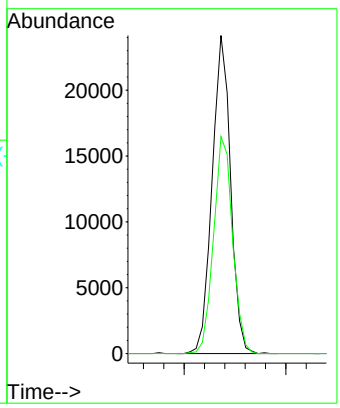
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

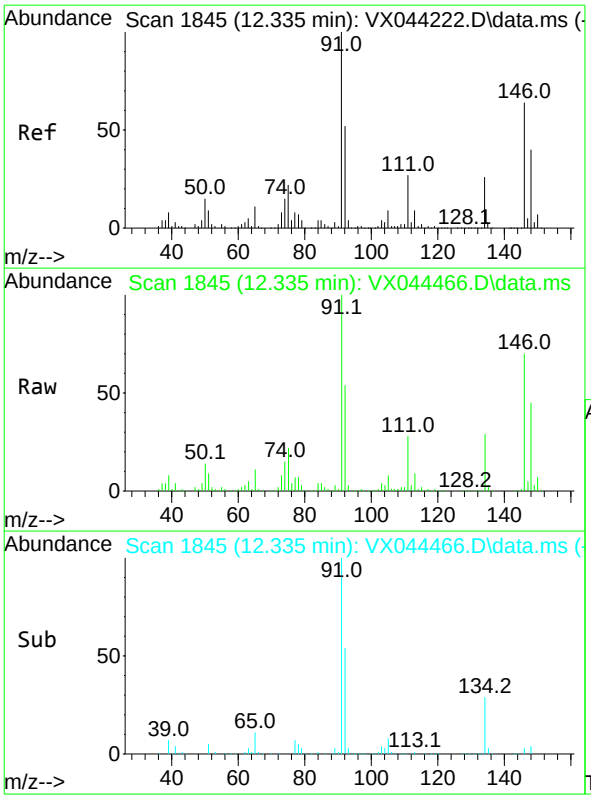


#90
Hexachloroethane
Concen: 55.398 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:117 Resp: 30390

Ion	Ratio	Lower	Upper
117	100		
201	70.4	31.4	94.2





#91
1,2-Dichlorobenzene
Concen: 53.130 ug/l
RT: 12.335 min Scan# 18
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

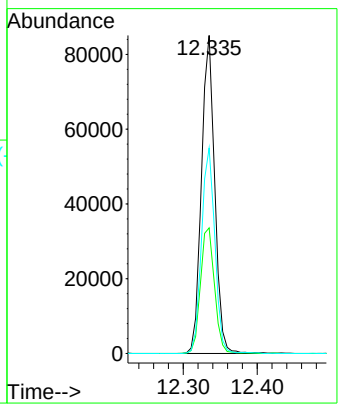
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

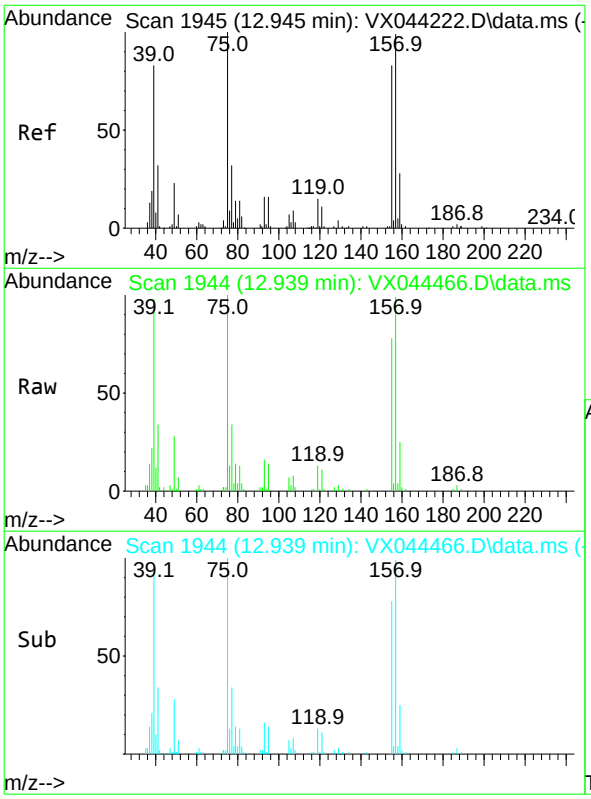
Tgt Ion:146 Resp: 106046

Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.4	64.3
148	65.2	31.6	95.0

Manual Integrations
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Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

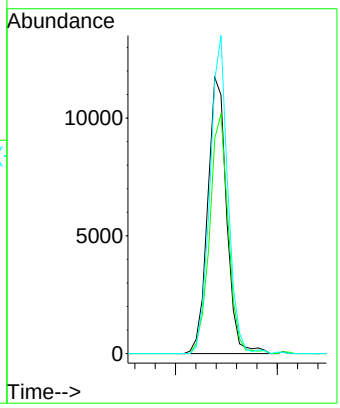


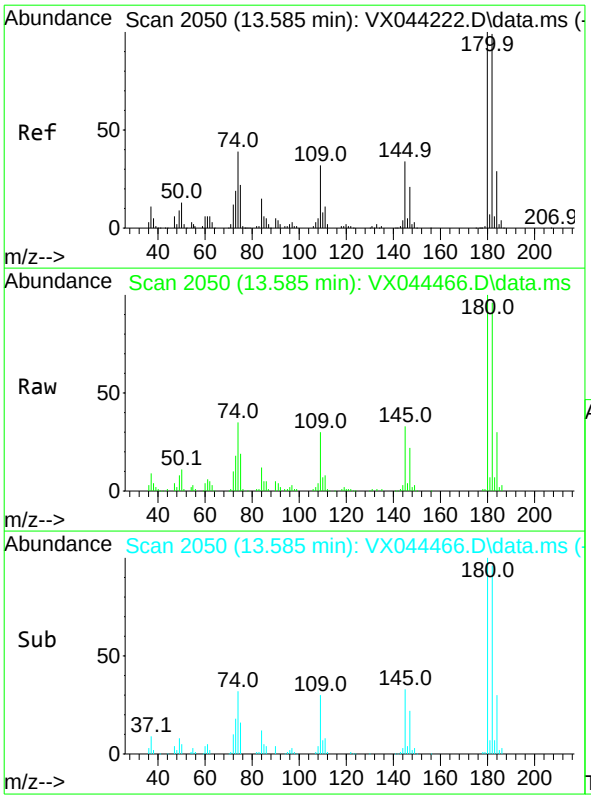


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.558 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 75 Resp: 15164

Ion	Ratio	Lower	Upper
75	100		
155	85.3	38.1	114.3
157	108.8	47.2	141.6

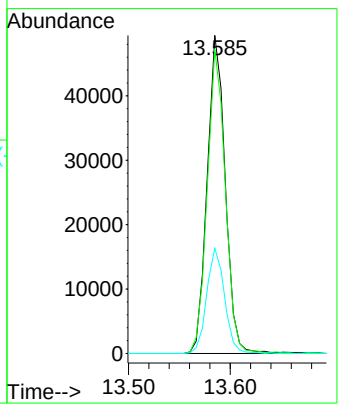




#93
1,2,4-Trichlorobenzene
Concen: 55.746 ug/l
RT: 13.585 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:180 Resp: 61001

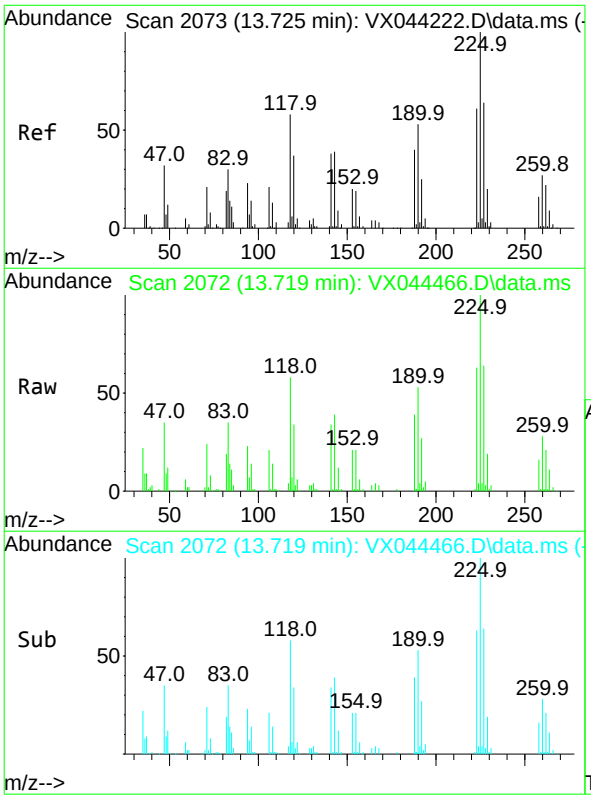
Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.0	144.2
145	32.7	16.6	49.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

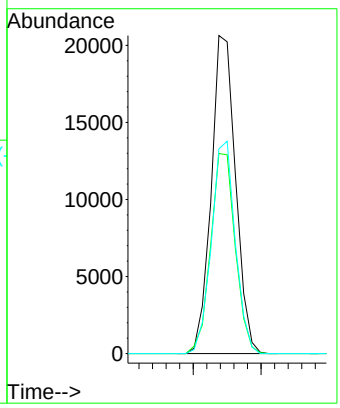
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

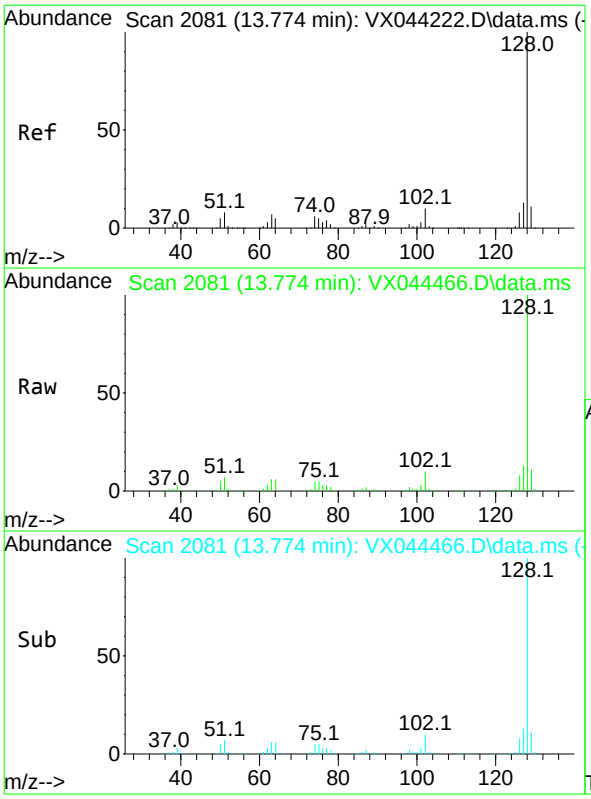


#94
Hexachlorobutadiene
Concen: 58.407 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:225 Resp: 25708

Ion	Ratio	Lower	Upper
225	100		
223	63.7	30.8	92.4
227	65.3	32.1	96.3

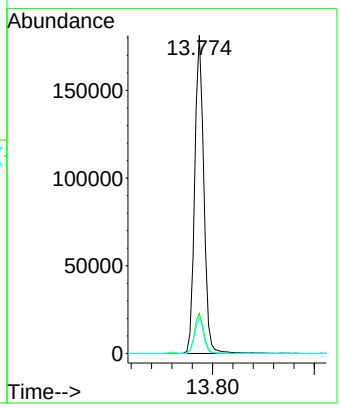




#95
Naphthalene
Concen: 52.712 ug/l
RT: 13.774 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:128 Resp: 225150

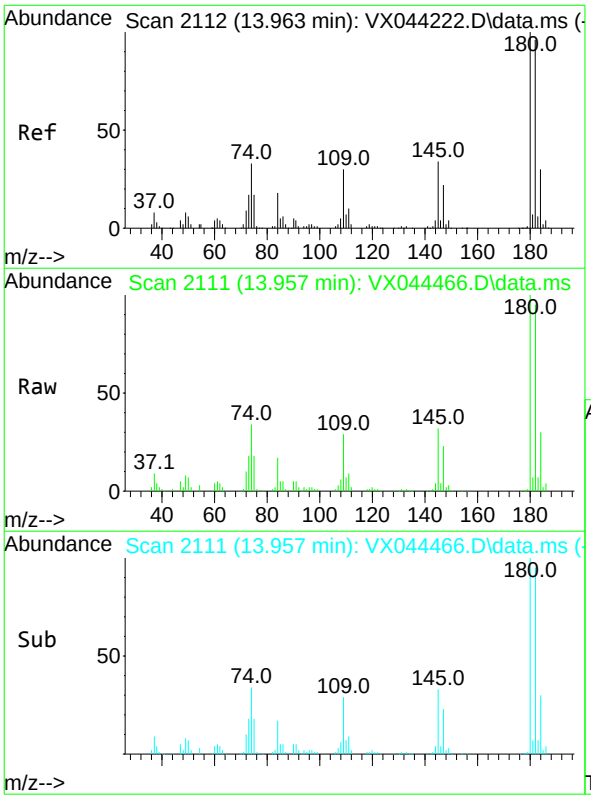
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	11.1	9.0	13.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

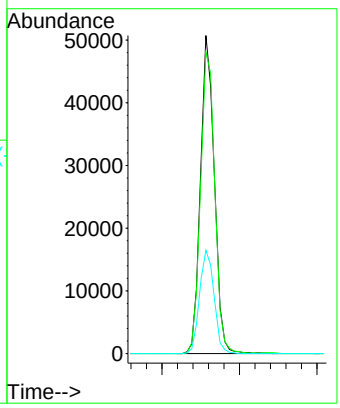
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#96
1,2,3-Trichlorobenzene
Concen: 54.418 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:180 Resp: 63159

Ion	Ratio	Lower	Upper
180	100		
182	97.7	48.0	144.0
145	33.8	17.7	53.1



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044466.D
Acq On : 23 Dec 2024 08:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 23 21:50:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	78	0.00
2	T	Dichlorodifluoromethane	0.773	0.826	-6.9	82	0.00
3	P	Chloromethane	0.739	0.733	0.8	76	0.00
4	C	Vinyl Chloride	0.770	0.718	6.8#	71	0.00
5	T	Bromomethane	0.546	0.480	12.1	68	0.00
6	T	Chloroethane	0.480	0.398	17.1	58	0.00
7	T	Trichlorofluoromethane	1.508	1.293	14.3	66	0.00
8	T	Diethyl Ether	0.515	0.389	24.5	59	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.610	0.663	-8.7	84	0.00
10	T	Methyl Iodide	0.804	0.722	10.2	67	0.00
11	T	Tert butyl alcohol	0.124	0.036	71.0#	23#	0.00
12	CM	1,1-Dichloroethene	0.560	0.569	-1.6#	75	0.00
13	T	Acrolein	0.179	0.126	29.6#	53	0.00
14	T	Allyl chloride	0.933	0.875	6.2	68	0.00
15	T	Acrylonitrile	0.342	0.321	6.1	70	0.00
16	T	Acetone	0.357	0.295	17.4	60	0.00
17	T	Carbon Disulfide	1.065	0.991	6.9	67	0.00
18	T	Methyl Acetate	0.922	0.827	10.3	68	0.00
19	T	Methyl tert-butyl Ether	2.187	1.927	11.9	65	0.00
20	T	Methylene Chloride	0.671	0.595	11.3	67	0.00
21	T	trans-1,2-Dichloroethene	0.596	0.569	4.5	72	0.00
22	T	Diisopropyl ether	2.102	1.888	10.2	68	-0.01
23	T	Vinyl Acetate	1.709	1.594	6.7	65	0.00
24	P	1,1-Dichloroethane	1.172	1.079	7.9	68	0.00
25	T	2-Butanone	0.508	0.426	16.1	61	0.00
26	T	2,2-Dichloropropane	0.952	0.969	-1.8	72	0.00
27	T	cis-1,2-Dichloroethene	0.756	0.701	7.3	71	0.00
28	T	Bromochloromethane	0.575	0.473	17.7	62	0.00
29	T	Tetrahydrofuran	0.326	0.276	15.3	64	0.00
30	C	Chloroform	1.316	1.165	11.5#	68	0.00
31	T	Cyclohexane	0.946	0.964	-1.9	77	0.00
32	T	1,1,1-Trichloroethane	1.093	1.033	5.5	69	0.00
33	S	1,2-Dichloroethane-d4	0.877	0.735	16.2	62	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	66	0.00
35	S	Dibromofluoromethane	0.346	0.372	-7.5	67	0.00
36	T	1,1-Dichloropropene	0.448	0.497	-10.9	74	0.00
37	T	Ethyl Acetate	0.553	0.534	3.4	61	-0.02
38	T	Carbon Tetrachloride	0.482	0.532	-10.4	70	0.00
39	T	Methylcyclohexane	0.535	0.657	-22.8	79	0.00
40	TM	Benzene	1.359	1.479	-8.8	70	0.00
41	T	Methacrylonitrile	0.294	0.277	5.8	61	0.00
42	TM	1,2-Dichloroethane	0.560	0.539	3.8	61	-0.01
43	T	Isopropyl Acetate	0.865	0.829	4.2	60	0.00
44	TM	Trichloroethene	0.339	0.375	-10.6	71	0.00
45	C	1,2-Dichloropropane	0.347	0.363	-4.6#	68	0.00
46	T	Dibromomethane	0.269	0.282	-4.8	66	0.00
47	T	Bromodichloromethane	0.465	0.505	-8.6	66	0.00
48	T	Methyl methacrylate	0.420	0.394	6.2	59	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044466.D
Acq On : 23 Dec 2024 08:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 23 21:50:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
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	0.007	0.007	0.0	62	0.00
50	S	Toluene-d8	1.168	1.249	-6.9	66	0.00
51	T	4-Methyl-2-Pentanone	0.556	0.519	6.7	58	0.00
52	CM	Toluene	0.853	0.904	-6.0#	68	0.00
53	T	t-1,3-Dichloropropene	0.455	0.481	-5.7	62	0.00
54	T	cis-1,3-Dichloropropene	0.507	0.551	-8.7	65	0.00
55	T	1,1,2-Trichloroethane	0.339	0.361	-6.5	67	0.00
56	T	Ethyl methacrylate	0.535	0.527	1.5	61	0.00
57	T	1,3-Dichloropropane	0.590	0.610	-3.4	66	0.00
58	T	2-Chloroethyl Vinyl ether	0.270	0.262	3.0	59	0.00
59	T	2-Hexanone	0.403	0.376	6.7	57	0.00
60	T	Dibromochloromethane	0.326	0.354	-8.6	64	0.00
61	T	1,2-Dibromoethane	0.345	0.365	-5.8	66	0.00
62	S	4-Bromofluorobenzene	0.408	0.415	-1.7	62	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	63	0.00
64	T	Tetrachloroethene	0.332	0.399	-20.2	79	0.00
65	PM	Chlorobenzene	1.071	1.145	-6.9	67	0.00
66	T	1,1,1,2-Tetrachloroethane	0.344	0.390	-13.4	66	0.00
67	C	Ethyl Benzene	1.851	1.931	-4.3#	63	0.00
68	T	m/p-Xylenes	0.679	0.747	-10.0	67	0.00
69	T	o-Xylene	0.687	0.732	-6.6	66	0.00
70	T	Styrene	1.102	1.199	-8.8	65	0.00
71	P	Bromoform	0.219	0.252	-15.1	65	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	62	0.00
73	T	Isopropylbenzene	3.828	4.164	-8.8	66	0.00
74	T	N-amyl acetate	1.769	1.706	3.6	55	0.00
75	P	1,1,2,2-Tetrachloroethane	1.329	1.384	-4.1	65	0.00
76	T	1,2,3-Trichloropropane	1.116	1.122	-0.5	62	0.00
77	T	Bromobenzene	0.928	0.983	-5.9	65	0.00
78	T	n-propylbenzene	4.231	4.705	-11.2	65	0.00
79	T	2-Chlorotoluene	2.736	2.804	-2.5	63	0.00
80	T	1,3,5-Trimethylbenzene	3.174	3.416	-7.6	64	0.00
81	T	trans-1,4-Dichloro-2-butene	0.347	0.377	-8.6	64	0.00
82	T	4-Chlorotoluene	3.030	3.211	-6.0	64	0.00
83	T	tert-Butylbenzene	3.137	3.413	-8.8	65	0.00
84	T	1,2,4-Trimethylbenzene	3.117	3.481	-11.7	66	0.00
85	T	sec-Butylbenzene	3.808	4.138	-8.7	65	0.00
86	T	p-Isopropyltoluene	3.170	3.497	-10.3	65	0.00
87	T	1,3-Dichlorobenzene	1.621	1.739	-7.3	64	0.00
88	T	1,4-Dichlorobenzene	1.667	1.793	-7.6	67	0.00
89	T	n-Butylbenzene	2.665	2.927	-9.8	64	0.00
90	T	Hexachloroethane	0.463	0.513	-10.8	63	0.00
91	T	1,2-Dichlorobenzene	1.683	1.789	-6.3	65	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.258	0.256	0.8	58	0.00
93	T	1,2,4-Trichlorobenzene	0.923	1.029	-11.5	65	0.00
94	T	Hexachlorobutadiene	0.371	0.434	-17.0	73	0.00
95	T	Naphthalene	3.603	3.798	-5.4	62	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044466.D
Acq On : 23 Dec 2024 08:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 23 21:50:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.979	1.065	-8.8	65	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044466.D
Acq On : 23 Dec 2024 08:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 23 21:50:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	78	0.00
2	T	Dichlorodifluoromethane	50.000	53.431	-6.9	82	0.00
3	P	Chloromethane	50.000	49.584	0.8	76	0.00
4	C	Vinyl Chloride	50.000	46.640	6.7#	71	0.00
5	T	Bromomethane	50.000	43.904	12.2	68	0.00
6	T	Chloroethane	50.000	41.487	17.0	58	0.00
7	T	Trichlorofluoromethane	50.000	42.875	14.2	66	0.00
8	T	Diethyl Ether	50.000	37.795	24.4	59	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	54.311	-8.6	84	0.00
10	T	Methyl Iodide	50.000	44.919	10.2	67	0.00
11	T	Tert butyl alcohol	250.000	72.268	71.1#	23	0.00
12	CM	1,1-Dichloroethene	50.000	50.798	-1.6#	75	0.00
13	T	Acrolein	250.000	175.615	29.8#	53	0.00
14	T	Allyl chloride	50.000	46.857	6.3	68	0.00
15	T	Acrylonitrile	250.000	234.398	6.2	70	0.00
16	T	Acetone	250.000	206.174	17.5	60	0.00
17	T	Carbon Disulfide	50.000	46.493	7.0	67	0.00
18	T	Methyl Acetate	50.000	44.867	10.3	68	0.00
19	T	Methyl tert-butyl Ether	50.000	44.056	11.9	65	0.00
20	T	Methylene Chloride	50.000	44.299	11.4	67	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.727	4.5	72	0.00
22	T	Diisopropyl ether	50.000	44.904	10.2	68	-0.01
23	T	Vinyl Acetate	250.000	233.215	6.7	65	0.00
24	P	1,1-Dichloroethane	50.000	46.032	7.9	68	0.00
25	T	2-Butanone	250.000	209.482	16.2	61	0.00
26	T	2,2-Dichloropropane	50.000	50.896	-1.8	72	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.309	7.4	71	0.00
28	T	Bromochloromethane	50.000	41.140	17.7	62	0.00
29	T	Tetrahydrofuran	250.000	211.723	15.3	64	0.00
30	C	Chloroform	50.000	44.231	11.5#	68	0.00
31	T	Cyclohexane	50.000	50.934	-1.9	77	0.00
32	T	1,1,1-Trichloroethane	50.000	47.248	5.5	69	0.00
33	S	1,2-Dichloroethane-d4	50.000	41.918	16.2	62	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	66	0.00
35	S	Dibromofluoromethane	50.000	53.732	-7.5	67	0.00
36	T	1,1-Dichloropropene	50.000	55.509	-11.0	74	0.00
37	T	Ethyl Acetate	50.000	48.216	3.6	61	-0.02
38	T	Carbon Tetrachloride	50.000	55.181	-10.4	70	0.00
39	T	Methylcyclohexane	50.000	61.418	-22.8	79	0.00
40	TM	Benzene	50.000	54.397	-8.8	70	0.00
41	T	Methacrylonitrile	50.000	47.172	5.7	61	0.00
42	TM	1,2-Dichloroethane	50.000	48.161	3.7	61	-0.01
43	T	Isopropyl Acetate	50.000	47.918	4.2	60	0.00
44	TM	Trichloroethene	50.000	55.326	-10.7	71	0.00
45	C	1,2-Dichloropropane	50.000	52.281	-4.6#	68	0.00
46	T	Dibromomethane	50.000	52.402	-4.8	66	0.00
47	T	Bromodichloromethane	50.000	54.300	-8.6	66	0.00
48	T	Methyl methacrylate	50.000	46.898	6.2	59	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044466.D
Acq On : 23 Dec 2024 08:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 23 21:50:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
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	1005.738	-0.6	62	0.00
50	S	Toluene-d8	50.000	53.468	-6.9	66	0.00
51	T	4-Methyl-2-Pentanone	250.000	233.216	6.7	58	0.00
52	CM	Toluene	50.000	52.949	-5.9#	68	0.00
53	T	t-1,3-Dichloropropene	50.000	48.256	3.5	62	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.358	-8.7	65	0.00
55	T	1,1,2-Trichloroethane	50.000	53.264	-6.5	67	0.00
56	T	Ethyl methacrylate	50.000	49.194	1.6	61	0.00
57	T	1,3-Dichloropropane	50.000	51.667	-3.3	66	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	242.753	2.9	59	0.00
59	T	2-Hexanone	250.000	233.464	6.6	57	0.00
60	T	Dibromochloromethane	50.000	49.335	1.3	64	0.00
61	T	1,2-Dibromoethane	50.000	52.895	-5.8	66	0.00
62	S	4-Bromofluorobenzene	50.000	50.827	-1.7	62	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	63	0.00
64	T	Tetrachloroethene	50.000	60.182	-20.4	79	0.00
65	PM	Chlorobenzene	50.000	53.435	-6.9	67	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.575	-13.2	66	0.00
67	C	Ethyl Benzene	50.000	52.159	-4.3#	63	0.00
68	T	m/p-Xylenes	100.000	110.024	-10.0	67	0.00
69	T	o-Xylene	50.000	53.232	-6.5	66	0.00
70	T	Styrene	50.000	54.396	-8.8	65	0.00
71	P	Bromoform	50.000	52.112	-4.2	65	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	62	0.00
73	T	Isopropylbenzene	50.000	54.392	-8.8	66	0.00
74	T	N-amyl acetate	50.000	48.214	3.6	55	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.066	-4.1	65	0.00
76	T	1,2,3-Trichloropropane	50.000	50.267	-0.5	62	0.00
77	T	Bromobenzene	50.000	52.949	-5.9	65	0.00
78	T	n-propylbenzene	50.000	55.610	-11.2	65	0.00
79	T	2-Chlorotoluene	50.000	51.245	-2.5	63	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.807	-7.6	64	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.538	2.9	64	0.00
82	T	4-Chlorotoluene	50.000	52.988	-6.0	64	0.00
83	T	tert-Butylbenzene	50.000	54.400	-8.8	65	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.839	-11.7	66	0.00
85	T	sec-Butylbenzene	50.000	54.332	-8.7	65	0.00
86	T	p-Isopropyltoluene	50.000	55.162	-10.3	65	0.00
87	T	1,3-Dichlorobenzene	50.000	53.639	-7.3	64	0.00
88	T	1,4-Dichlorobenzene	50.000	53.777	-7.6	67	0.00
89	T	n-Butylbenzene	50.000	54.910	-9.8	64	0.00
90	T	Hexachloroethane	50.000	55.398	-10.8	63	0.00
91	T	1,2-Dichlorobenzene	50.000	53.130	-6.3	65	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.558	0.9	58	0.00
93	T	1,2,4-Trichlorobenzene	50.000	55.746	-11.5	65	0.00
94	T	Hexachlorobutadiene	50.000	58.407	-16.8	73	0.00
95	T	Naphthalene	50.000	52.712	-5.4	62	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044466.D
Acq On : 23 Dec 2024 08:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 23 21:50:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.418	-8.8	65	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: P5374 SAS No.: P5374 SDG No.: P5374

Instrument ID: MSVOA_X Calibration Date/Time: 12/23/2024 19:49

Lab File ID: VX044492.D Init. Calib. Date(s): 12/11/2024 12/11/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:41 13:00

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.739	0.678	0.1	-8.25	50
Vinyl Chloride	0.770	0.689		-10.52	50
Bromomethane	0.546	0.468		-14.29	50
Chloroethane	0.480	0.442		-7.92	50
Trichlorofluoromethane	1.508	1.069		-29.11	50
1,1,2-Trichlorotrifluoroethane	0.610	0.551		-9.67	50
1,1-Dichloroethene	0.560	0.531		-5.18	50
Acetone	0.357	0.251		-29.69	50
Carbon Disulfide	1.065	0.983		-7.7	50
Methyl tert-butyl Ether	2.187	1.845		-15.64	50
Methylene Chloride	0.671	0.623		-7.15	50
trans-1,2-Dichloroethene	0.596	0.544		-8.73	50
1,1-Dichloroethane	1.172	1.059	0.1	-9.64	50
2-Butanone	0.508	0.382		-24.8	50
Carbon Tetrachloride	0.482	0.477		-1.04	50
cis-1,2-Dichloroethene	0.756	0.679		-10.19	50
Chloroform	1.316	1.143		-13.15	50
1,1,1-Trichloroethane	1.093	0.986		-9.79	50
Methylcyclohexane	0.535	0.537		0.37	50
Benzene	1.359	1.392		2.43	50
1,2-Dichloroethane	0.560	0.534		-4.64	50
Trichloroethene	0.339	0.355		4.72	50
1,2-Dichloropropane	0.347	0.352		1.44	50
Bromodichloromethane	0.465	0.489		5.16	50
4-Methyl-2-Pentanone	0.556	0.477		-14.21	50
Toluene	0.853	0.862		1.05	50
t-1,3-Dichloropropene	0.455	0.469		3.08	50
cis-1,3-Dichloropropene	0.507	0.529		4.34	50
1,1,2-Trichloroethane	0.339	0.347		2.36	50
2-Hexanone	0.403	0.346		-14.14	50
Dibromochloromethane	0.326	0.351		7.67	50
Tetrachloroethene	0.332	0.362		9.04	50
Chlorobenzene	1.071	1.103	0.3	2.99	50
Ethyl Benzene	1.851	1.878		1.46	50
m/p-Xylenes	0.679	0.714		5.16	50
o-Xylene	0.687	0.708		3.06	50
Styrene	1.102	1.181		7.17	50
Bromoform	0.219	0.245	0.1	11.87	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: P5374 SAS No.: P5374 SDG No.: P5374

Instrument ID: MSVOA_X Calibration Date/Time: 12/23/2024 19:49

Lab File ID: VX044492.D Init. Calib. Date(s): 12/11/2024 12/11/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:41 13:00

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Isopropylbenzene	3.828	3.728		-2.61	50
1,1,2,2-Tetrachloroethane	1.329	1.216	0.3	-8.5	50
1,3-Dichlorobenzene	1.621	1.672		3.15	50
1,4-Dichlorobenzene	1.667	1.677		0.6	50
1,2-Dichlorobenzene	1.684	1.667		-1.01	50
1,2-Dichloroethane-d4	0.877	0.643		-26.68	50
Dibromofluoromethane	0.346	0.316		-8.67	50
Toluene-d8	1.168	1.039		-11.05	50
4-Bromofluorobenzene	0.408	0.358		-12.26	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\VX122324\
Data File : VX044492.D
Acq On : 23 Dec 2024 19:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 23 22:16:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	142062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	233398	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	200491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	97321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91340	36.671	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	73.340%#		
35) Dibromofluoromethane	5.379	113	73837	45.677	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.360%		
50) Toluene-d8	8.647	98	242389	44.446	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.900%		
62) 4-Bromofluorobenzene	11.079	95	83671	43.908	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	87.820%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	99403	45.252	ug/l	99
3) Chloromethane	1.295	50	96315	45.851	ug/l	100
4) Vinyl Chloride	1.374	62	97827	44.703	ug/l	100
5) Bromomethane	1.593	94	66434	42.791	ug/l	98
6) Chloroethane	1.666	64	62749	46.048	ug/l	99
7) Trichlorofluoromethane	1.874	101	151860	35.446	ug/l	98
8) Diethyl Ether	2.130	74	57535	39.343	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	78265	45.146	ug/l	92
10) Methyl Iodide	2.447	142	114488	50.107	ug/l	94
11) Tert butyl alcohol	2.996	59	70521	200.889	ug/l	98
12) 1,1-Dichloroethene	2.313	96	75484	47.404	ug/l	91
13) Acrolein	2.233	56	92120	181.285	ug/l	99
14) Allyl chloride	2.660	41	118303	44.605	ug/l	98
15) Acrylonitrile	3.063	53	200626	206.319	ug/l	99
16) Acetone	2.380	43	178267	175.552	ug/l	97
17) Carbon Disulfide	2.508	76	139644	46.135	ug/l	100
18) Methyl Acetate	2.703	43	104075	39.750	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	262040	42.170	ug/l	98
20) Methylene Chloride	2.782	84	88543	46.423	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	77251	45.648	ug/l	93
22) Diisopropyl ether	3.758	45	259272	43.412	ug/l	95
23) Vinyl Acetate	3.715	43	1084781	223.409	ug/l	98
24) 1,1-Dichloroethane	3.605	63	150456	45.194	ug/l	99
25) 2-Butanone	4.556	43	271591	188.131	ug/l	98
26) 2,2-Dichloropropane	4.471	77	119970	44.358	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	96440	44.871	ug/l	95
28) Bromochloromethane	4.892	49	64763	39.671	ug/l	94
29) Tetrahydrofuran	5.001	42	173821	187.586	ug/l	98
30) Chloroform	5.093	83	162393	43.416	ug/l	98
31) Cyclohexane	5.458	56	115044	42.794	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	140086	45.118	ug/l	99
36) 1,1-Dichloropropene	5.684	75	101604	48.625	ug/l	98
37) Ethyl Acetate	4.715	43	109126	42.249	ug/l	97
38) Carbon Tetrachloride	5.672	117	111385	49.513	ug/l	98
39) Methylcyclohexane	7.373	83	125247	50.139	ug/l	96
40) Benzene	6.032	78	325004	51.229	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044492.D
Acq On : 23 Dec 2024 19:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 23 22:16:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.922	41	58306	42.511 ug/l		96
42) 1,2-Dichloroethane	6.080	62	124536	47.653 ug/l		98
43) Isopropyl Acetate	6.336	43	177770	44.034 ug/l		97
44) Trichloroethene	7.117	130	82827	52.353 ug/l		98
45) 1,2-Dichloropropane	7.428	63	82109	50.659 ug/l		99
46) Dibromomethane	7.580	93	64127	50.998 ug/l		94
47) Bromodichloromethane	7.818	83	114072	52.527 ug/l		98
48) Methyl methacrylate	7.690	41	85907	43.837 ug/l		96
49) 1,4-Dioxane	7.665	88	31930	982.728 ug/l		92
51) 4-Methyl-2-Pentanone	8.574	43	556283	214.305 ug/l		98
52) Toluene	8.714	92	201289	50.524 ug/l		99
53) t-1,3-Dichloropropene	8.976	75	109547	47.186 ug/l		97
54) cis-1,3-Dichloropropene	8.360	75	123531	52.242 ug/l		99
55) 1,1,2-Trichloroethane	9.147	97	80941	51.140 ug/l		98
56) Ethyl methacrylate	9.116	69	118479	47.418 ug/l		97
57) 1,3-Dichloropropane	9.305	76	134913	48.972 ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	263448	209.048 ug/l		98
59) 2-Hexanone	9.427	43	403537	214.776 ug/l		99
60) Dibromochloromethane	9.519	129	81910	48.943 ug/l		99
61) 1,2-Dibromoethane	9.604	107	83250	51.675 ug/l		96
64) Tetrachloroethene	9.269	164	72600	54.558 ug/l		96
65) Chlorobenzene	10.080	112	221119	51.470 ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	75407	54.615 ug/l		99
67) Ethyl Benzene	10.189	91	376573	50.731 ug/l		99
68) m/p-Xylenes	10.299	106	286106	105.040 ug/l		94
69) o-Xylene	10.640	106	142004	51.527 ug/l		94
70) Styrene	10.653	104	236734	53.584 ug/l		95
71) Bromoform	10.799	173	49054	50.746 ug/l	#	99
73) Isopropylbenzene	10.958	105	362803	48.696 ug/l		100
74) N-amyl acetate	10.842	43	152291	44.229 ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	118300	45.716 ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	95824m	44.099 ug/l		
77) Bromobenzene	11.195	156	91156	50.455 ug/l		94
78) n-propylbenzene	11.299	91	412127	50.048 ug/l		98
79) 2-Chlorotoluene	11.360	91	251412	47.209 ug/l		98
80) 1,3,5-Trimethylbenzene	11.445	105	300384	48.618 ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	30857	41.730 ug/l		95
82) 4-Chlorotoluene	11.451	91	283625	48.094 ug/l		97
83) tert-Butylbenzene	11.713	119	306541	50.203 ug/l		96
84) 1,2,4-Trimethylbenzene	11.750	105	305617	50.368 ug/l		98
85) sec-Butylbenzene	11.890	105	367512	49.579 ug/l		99
86) p-Isopropyltoluene	12.006	119	309480	50.162 ug/l		98
87) 1,3-Dichlorobenzene	11.963	146	162721	51.562 ug/l		98
88) 1,4-Dichlorobenzene	12.037	146	163225	50.314 ug/l		97
89) n-Butylbenzene	12.329	91	259880	50.094 ug/l		99
90) Hexachloroethane	12.536	117	46945	52.126 ug/l		91
91) 1,2-Dichlorobenzene	12.335	146	162236	49.511 ug/l		97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21028	41.860 ug/l		88
93) 1,2,4-Trichlorobenzene	13.585	180	97256	54.137 ug/l		99
94) Hexachlorobutadiene	13.719	225	40220	55.660 ug/l		99
95) Naphthalene	13.774	128	321843	45.897 ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	99323	52.126 ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044492.D
Acq On : 23 Dec 2024 19:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 23 22:16:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

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

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

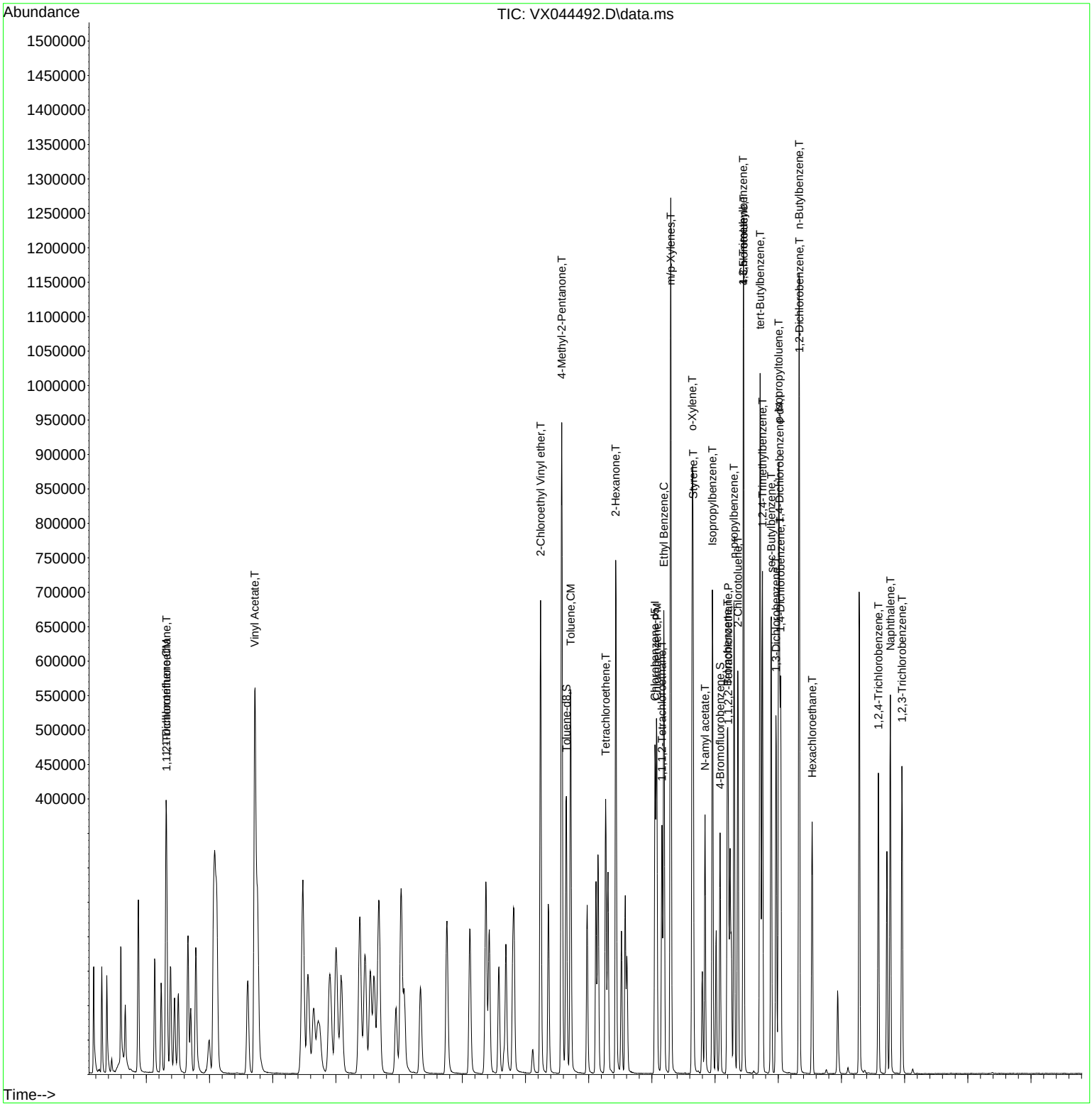
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Data File : VX044492.D
Acq On : 23 Dec 2024 19:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

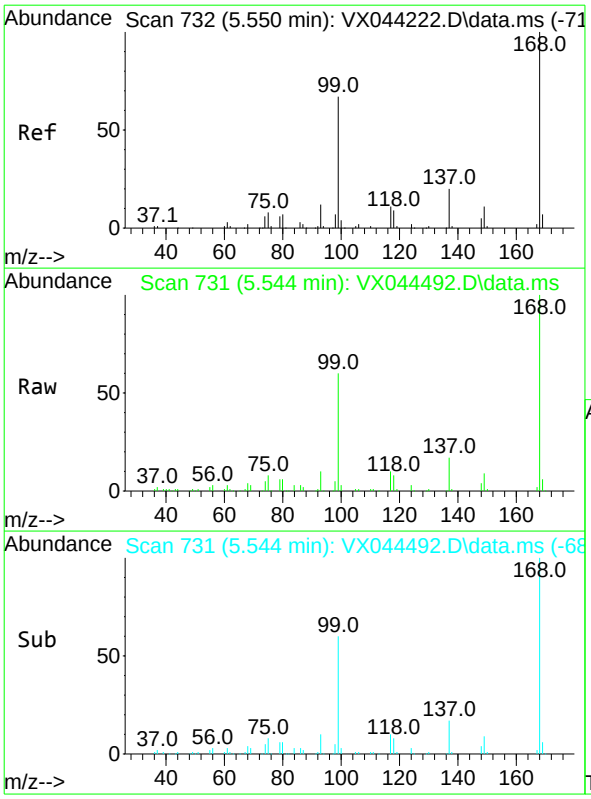
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

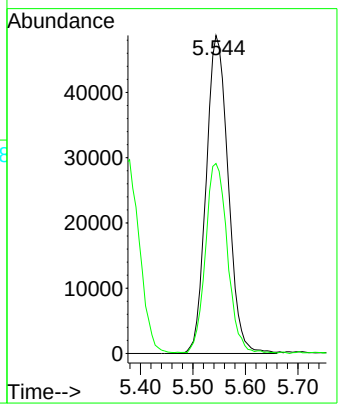




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:168 Resp: 142062

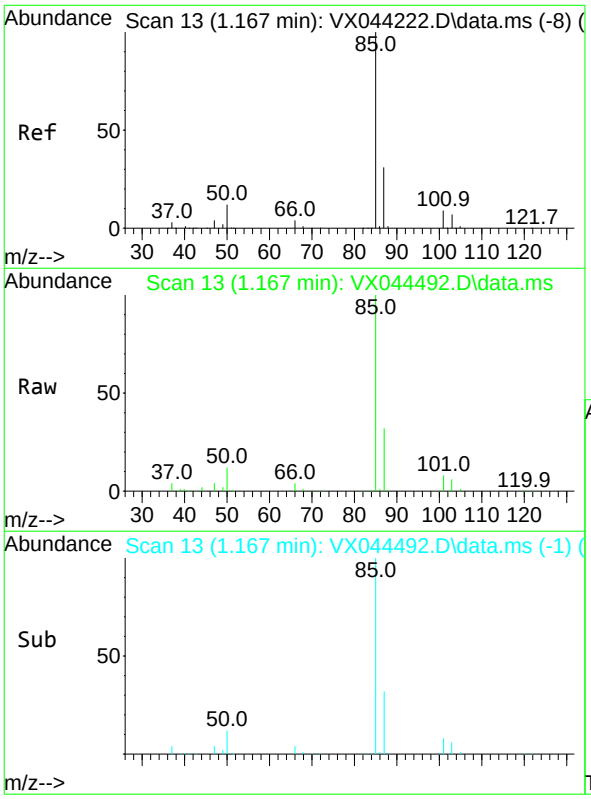
Ion	Ratio	Lower	Upper
168	100		
99	59.6	53.4	80.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

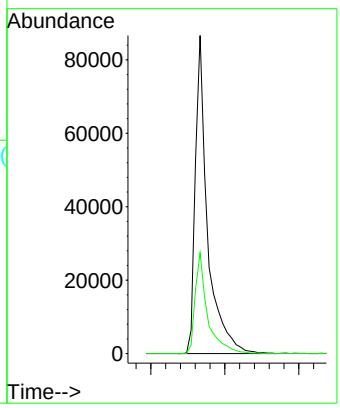
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

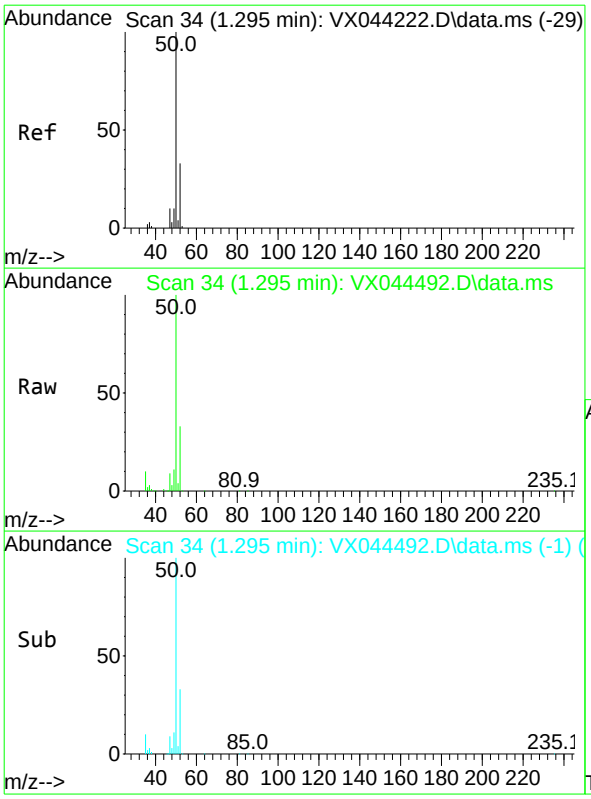


#2
Dichlorodifluoromethane
Concen: 45.252 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 85 Resp: 99403

Ion	Ratio	Lower	Upper
85	100		
87	31.7	15.4	46.4

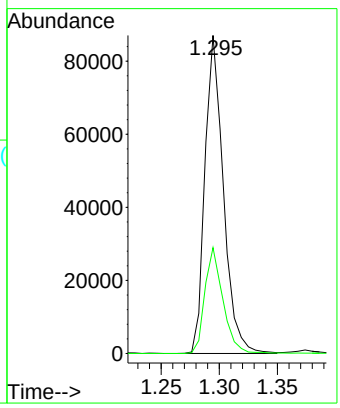




#3
Chloromethane
Concen: 45.851 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 50 Resp: 96315

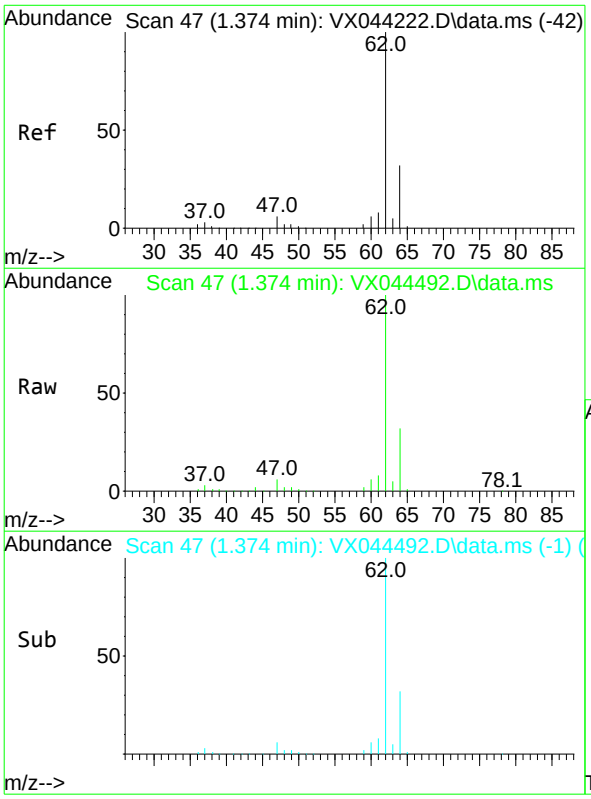
Ion	Ratio	Lower	Upper
50	100		
52	33.3	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

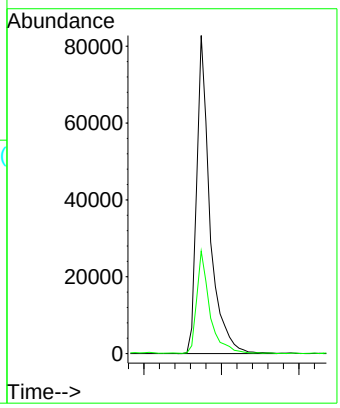
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

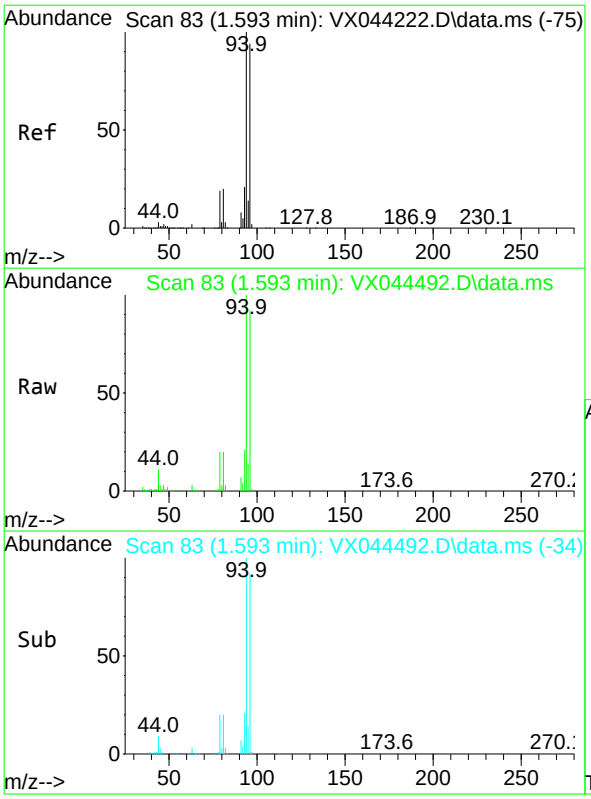


#4
Vinyl Chloride
Concen: 44.703 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 62 Resp: 97827

Ion	Ratio	Lower	Upper
62	100		
64	32.2	25.7	38.5

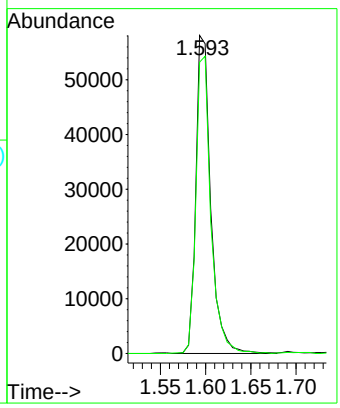




#5
Bromomethane
Concen: 42.791 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 94 Resp: 66434

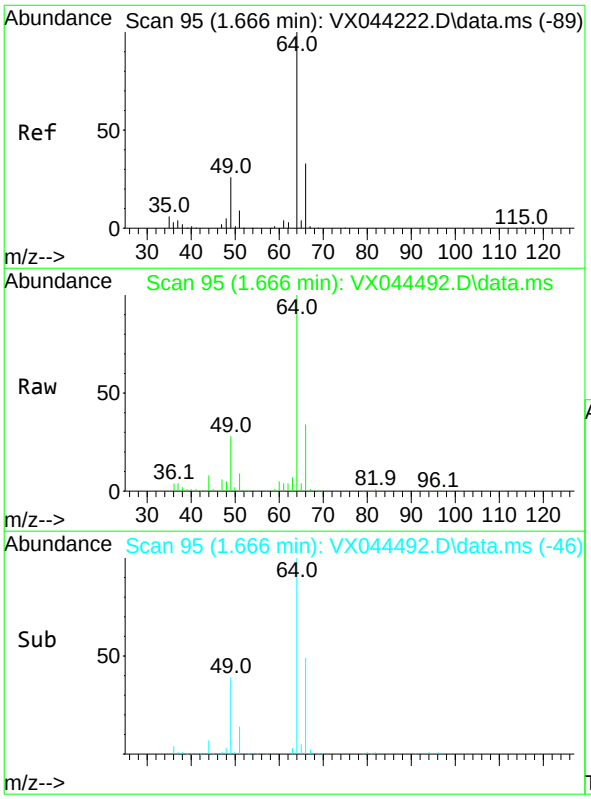
Ion	Ratio	Lower	Upper
94	100		
96	91.4	74.9	112.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

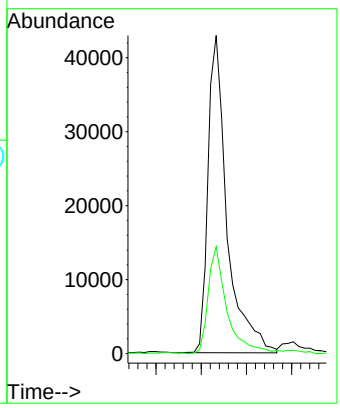
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

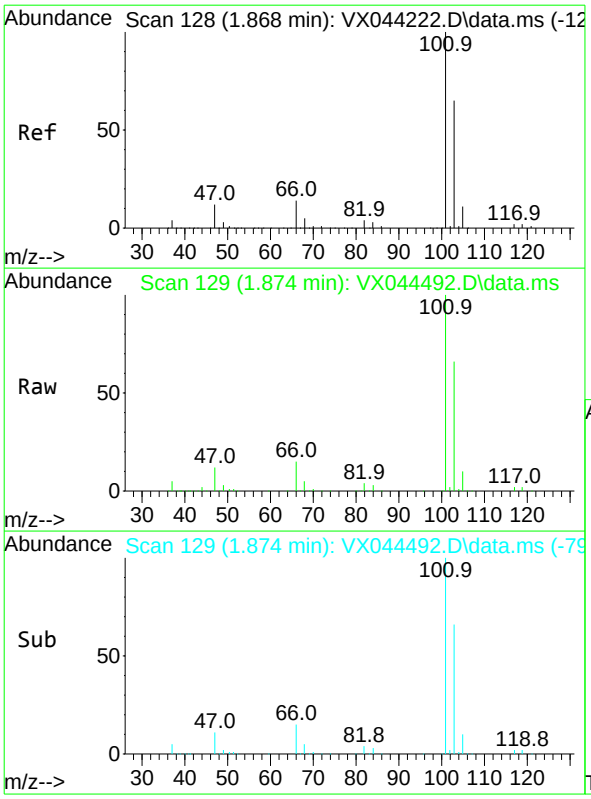


#6
Chloroethane
Concen: 46.048 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 64 Resp: 62749

Ion	Ratio	Lower	Upper
64	100		
66	33.5	26.6	39.8

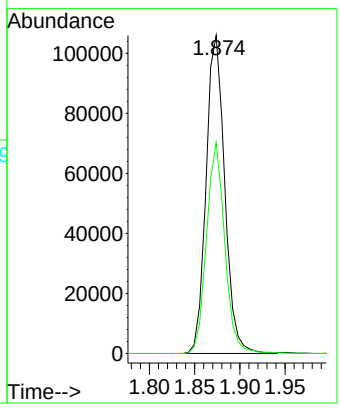




#7
Trichlorofluoromethane
Concen: 35.446 ug/l
RT: 1.874 min Scan# 12
Delta R.T. 0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:101 Resp: 151860

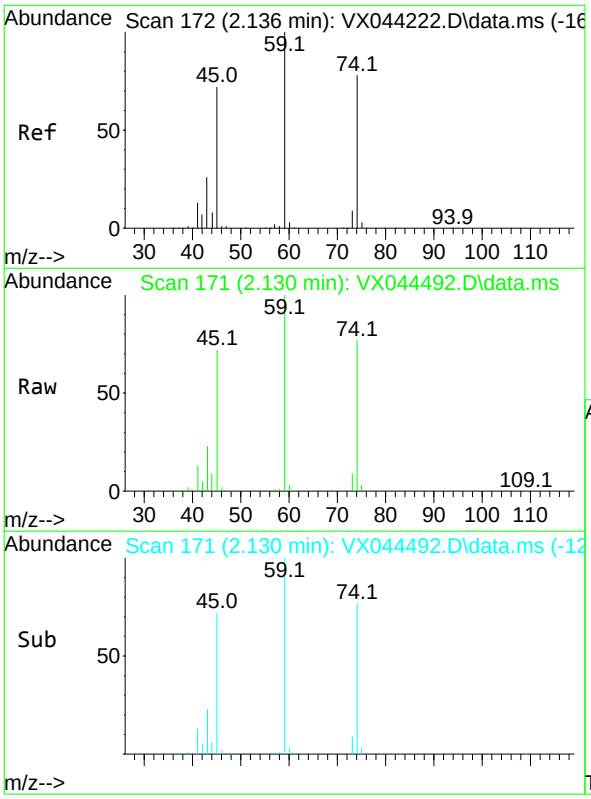
Ion	Ratio	Lower	Upper
101	100		
103	66.2	51.8	77.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

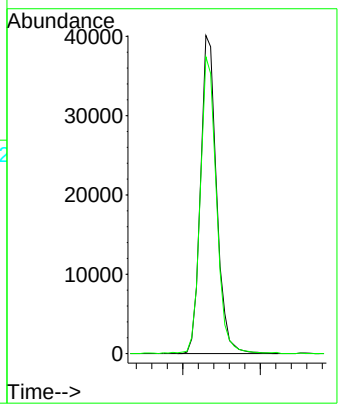
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

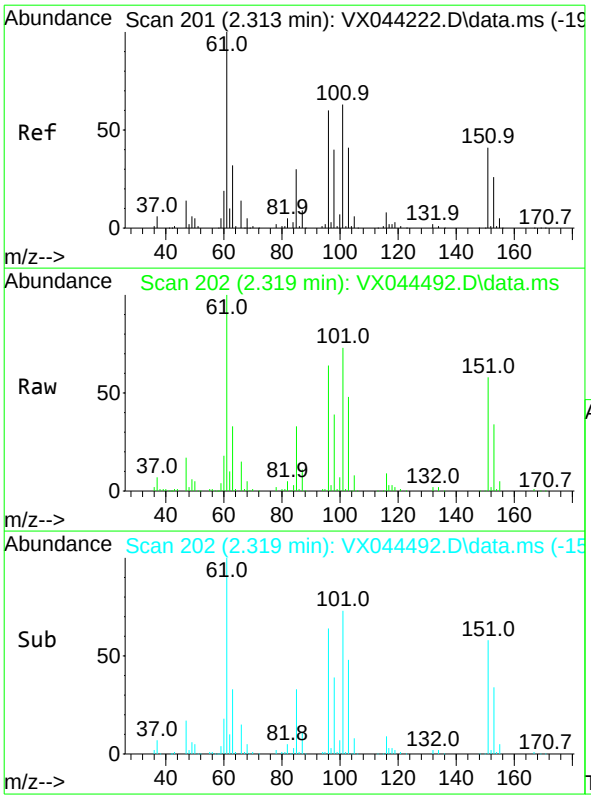


#8
Diethyl Ether
Concen: 39.343 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 74 Resp: 57535

Ion	Ratio	Lower	Upper
74	100		
45	94.4	48.4	145.0

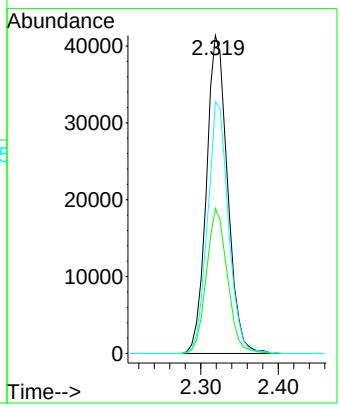




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.146 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:101 Resp: 78265

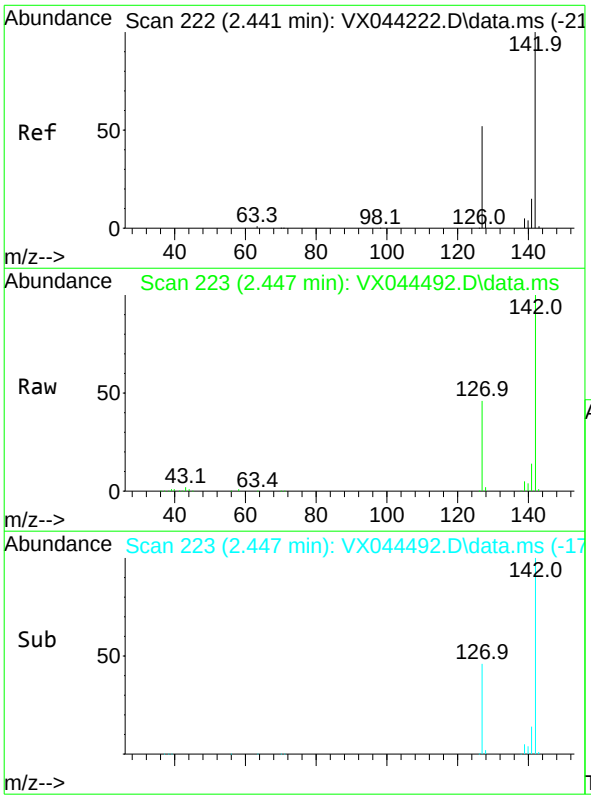
Ion	Ratio	Lower	Upper
101	100		
85	45.3	38.5	57.7
151	78.3	55.8	83.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

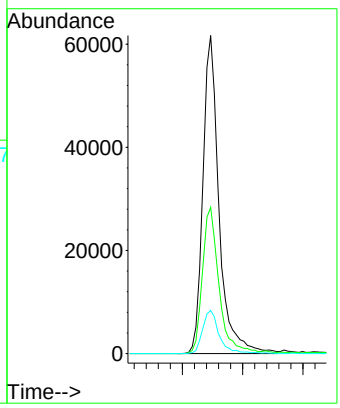
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

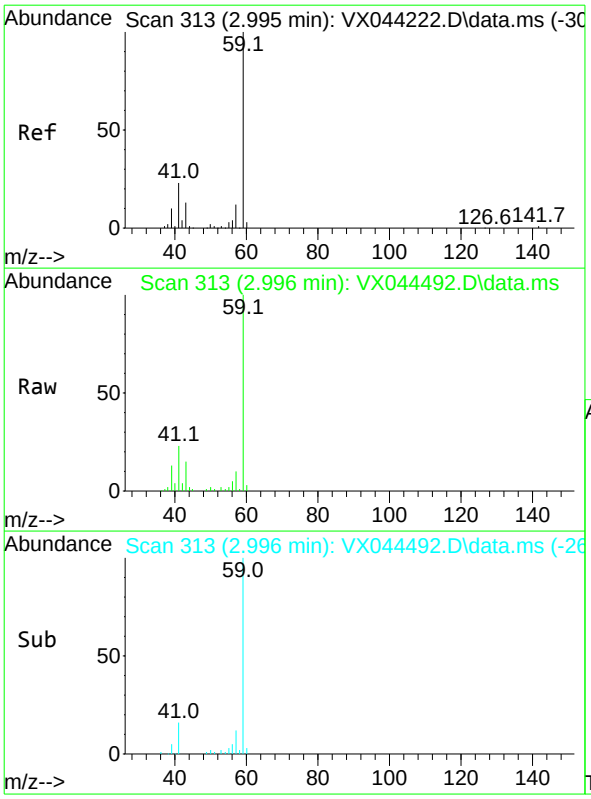


#10
Methyl Iodide
Concen: 50.107 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:142 Resp: 114488

Ion	Ratio	Lower	Upper
142	100		
127	47.2	41.8	62.8
141	14.1	11.5	17.3

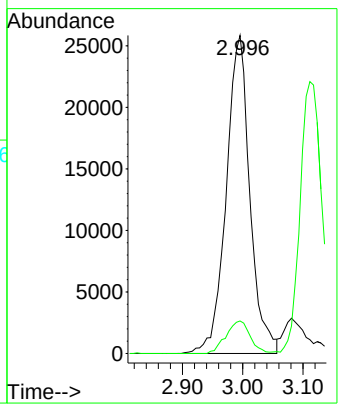




#11
Tert butyl alcohol
Concen: 200.889 ug/l
RT: 2.996 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 59 Resp: 70521

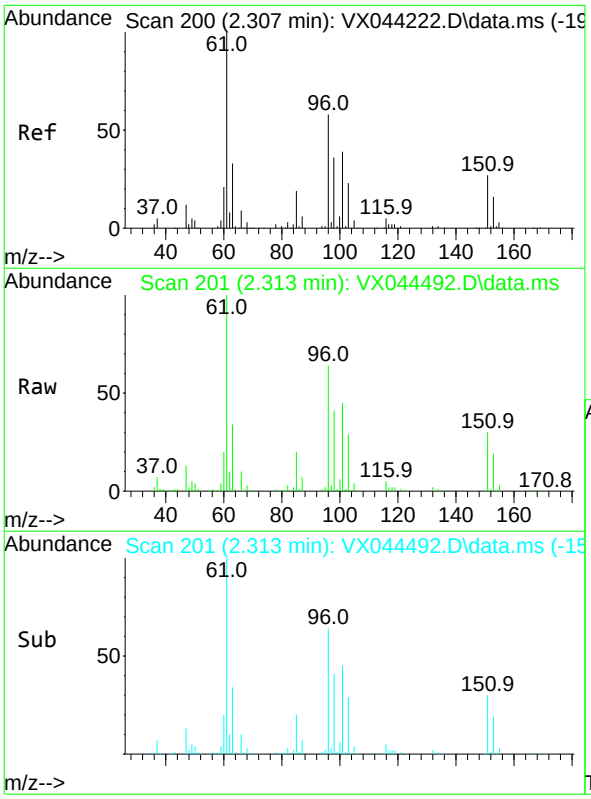
Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

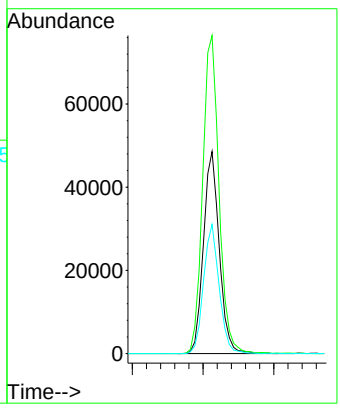
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

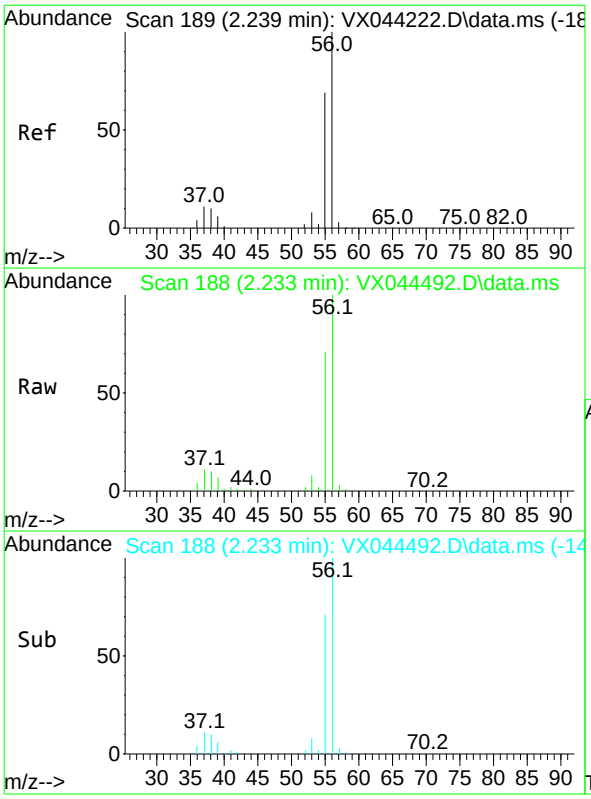


#12
1,1-Dichloroethene
Concen: 47.404 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 96 Resp: 75484

Ion	Ratio	Lower	Upper
96	100		
61	157.4	138.0	207.0
98	63.9	50.0	75.0

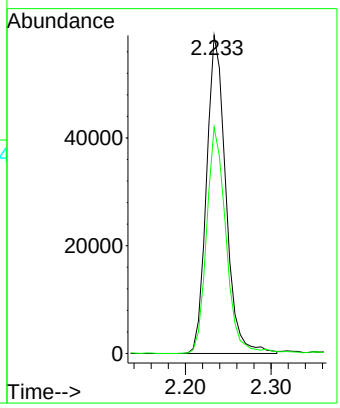




#13
Acrolein
Concen: 181.285 ug/l
RT: 2.233 min Scan# 18
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 56 Resp: 92120

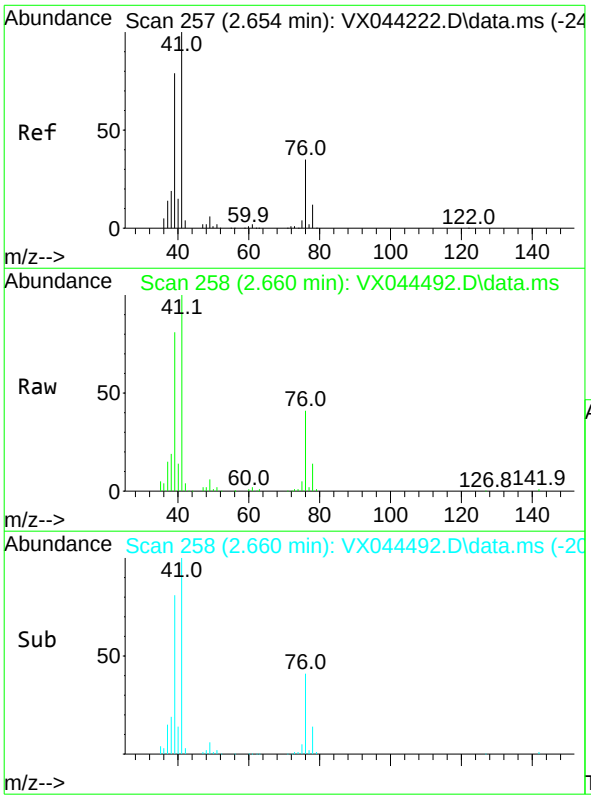
Ion	Ratio	Lower	Upper
56	100		
55	71.8	56.6	84.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

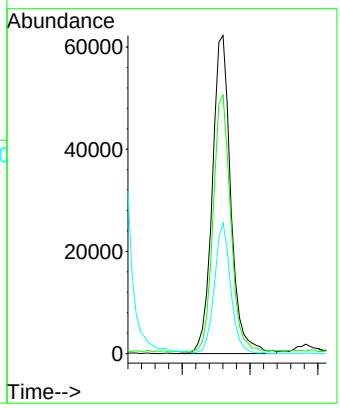
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

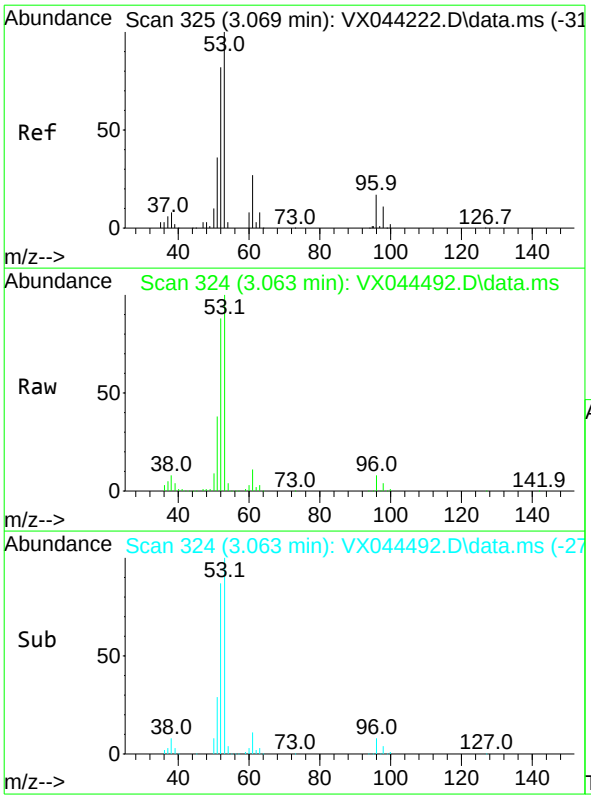


#14
Allyl chloride
Concen: 44.605 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 41 Resp: 118303

Ion	Ratio	Lower	Upper
41	100		
39	76.1	61.9	92.9
76	36.0	27.4	41.2

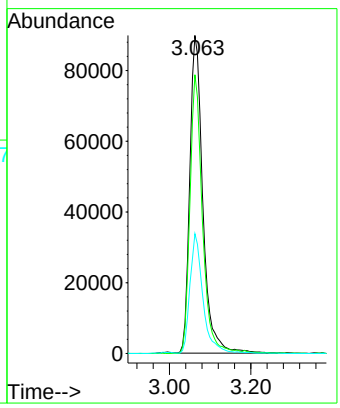




#15
Acrylonitrile
Concen: 206.319 ug/l
RT: 3.063 min Scan# 32
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 53 Resp: 200626

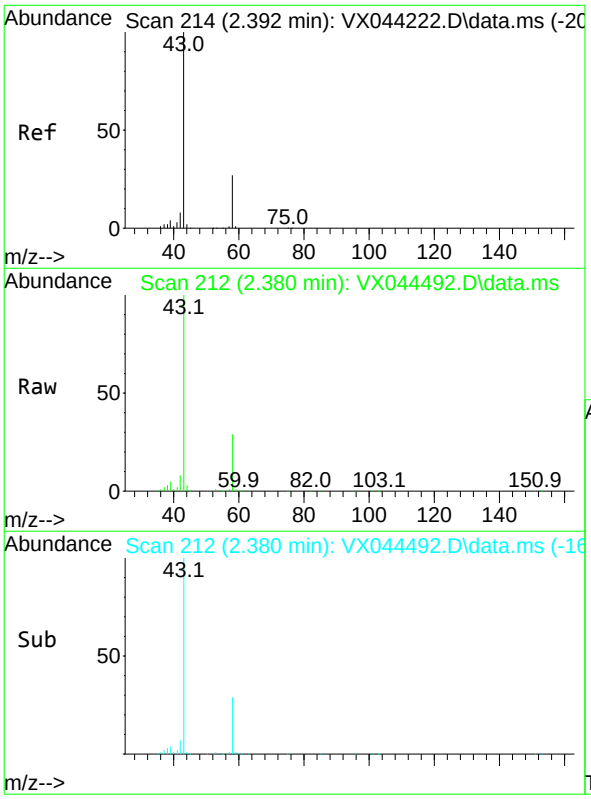
Ion	Ratio	Lower	Upper
53	100		
52	83.5	67.4	101.0
51	37.1	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

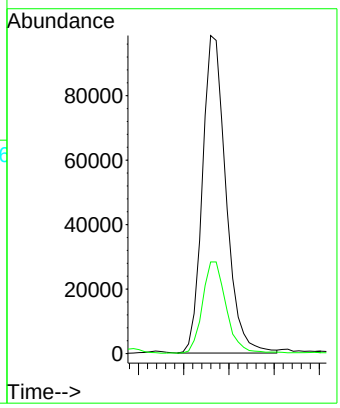
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

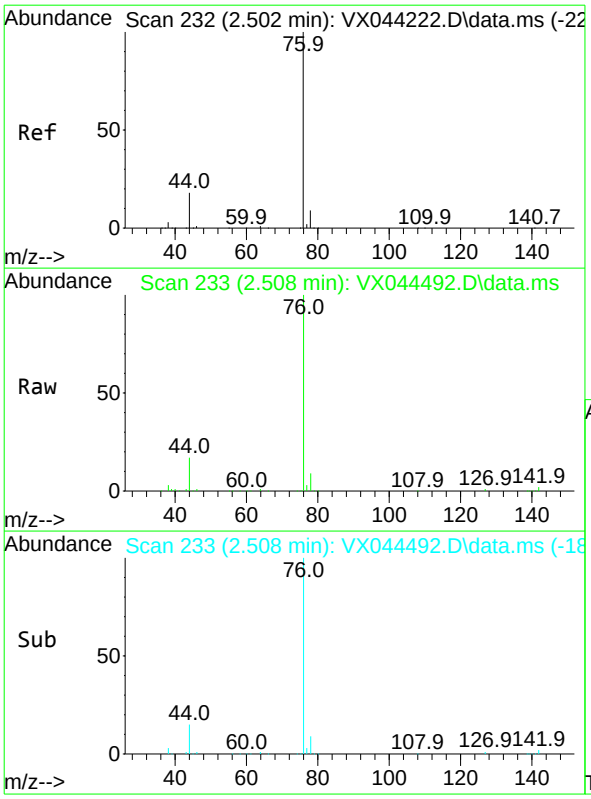


#16
Acetone
Concen: 175.552 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 43 Resp: 178267

Ion	Ratio	Lower	Upper
43	100		
58	28.7	21.6	32.4

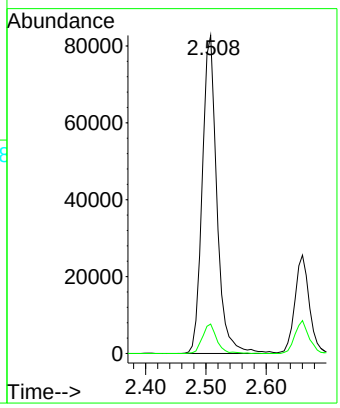




#17
Carbon Disulfide
Concen: 46.135 ug/l
RT: 2.508 min Scan# 23
Delta R.T. 0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 76 Resp: 139644

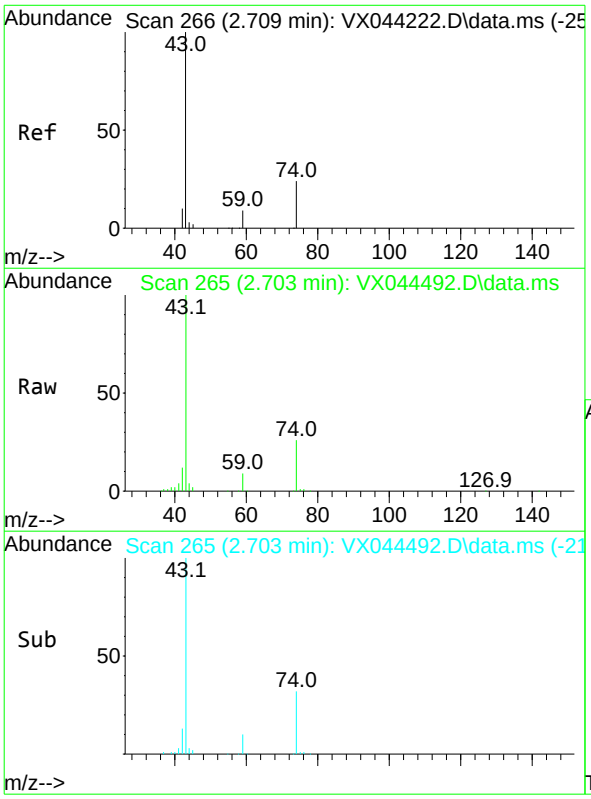
Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

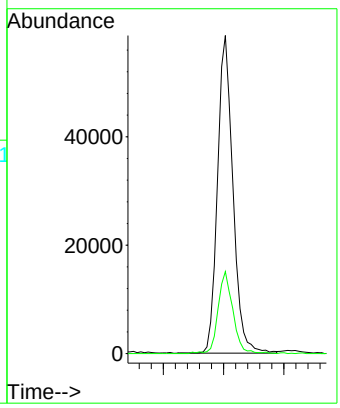
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

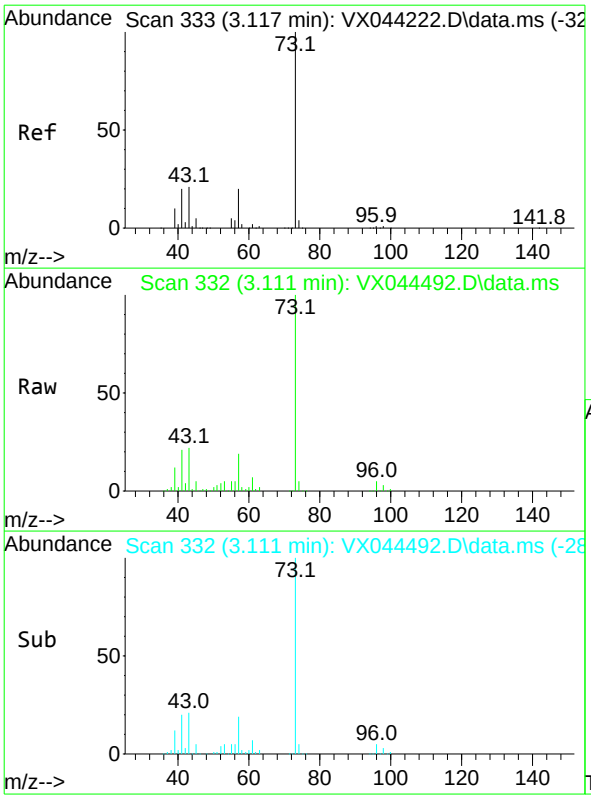


#18
Methyl Acetate
Concen: 39.750 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 43 Resp: 104075

Ion	Ratio	Lower	Upper
43	100		
74	24.9	17.7	26.5

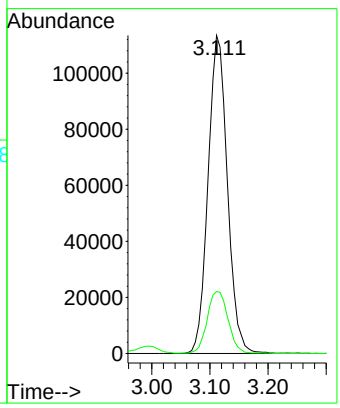




#19
Methyl tert-butyl Ether
Concen: 42.170 ug/l
RT: 3.111 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 73 Resp: 262040

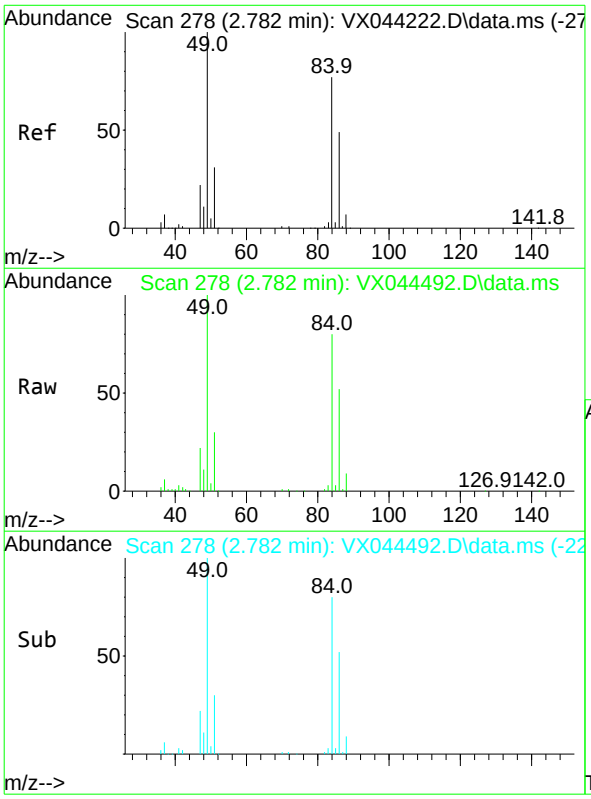
Ion	Ratio	Lower	Upper
73	100		
57	19.5	16.2	24.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

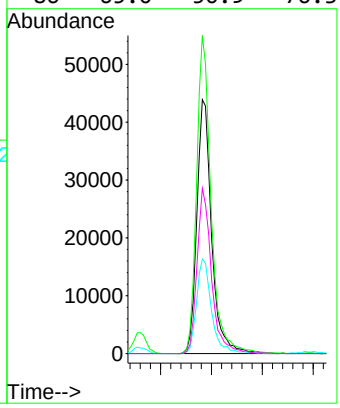
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

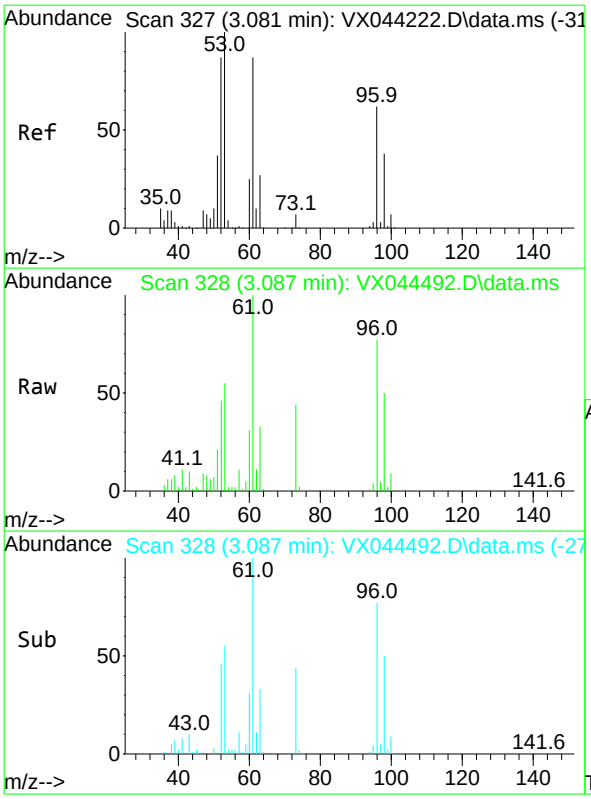


#20
Methylene Chloride
Concen: 46.423 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 84 Resp: 88543

Ion	Ratio	Lower	Upper
84	100		
49	125.3	104.2	156.4
51	37.2	32.2	48.4
86	65.0	50.9	76.3

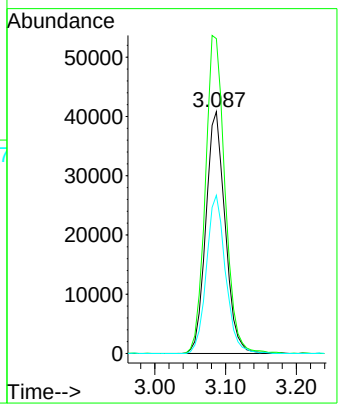




#21
trans-1,2-Dichloroethene
Concen: 45.648 ug/l
RT: 3.087 min Scan# 32
Delta R.T. 0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 96 Resp: 77251

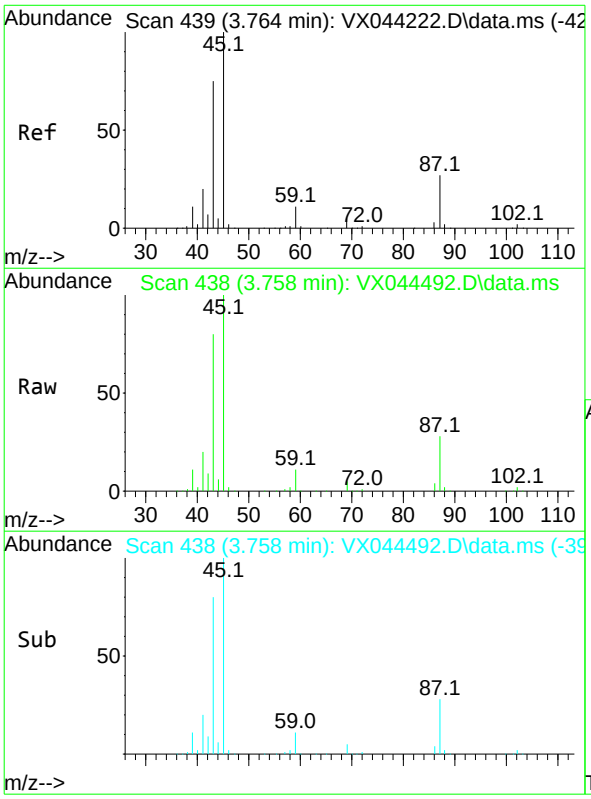
Ion	Ratio	Lower	Upper
96	100		
61	130.2	112.0	168.0
98	65.4	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

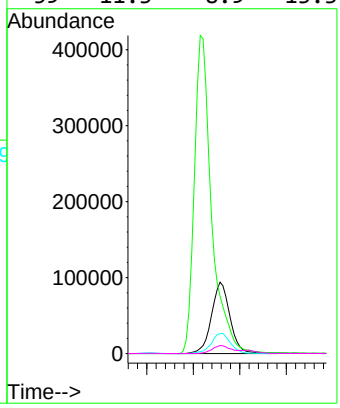
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

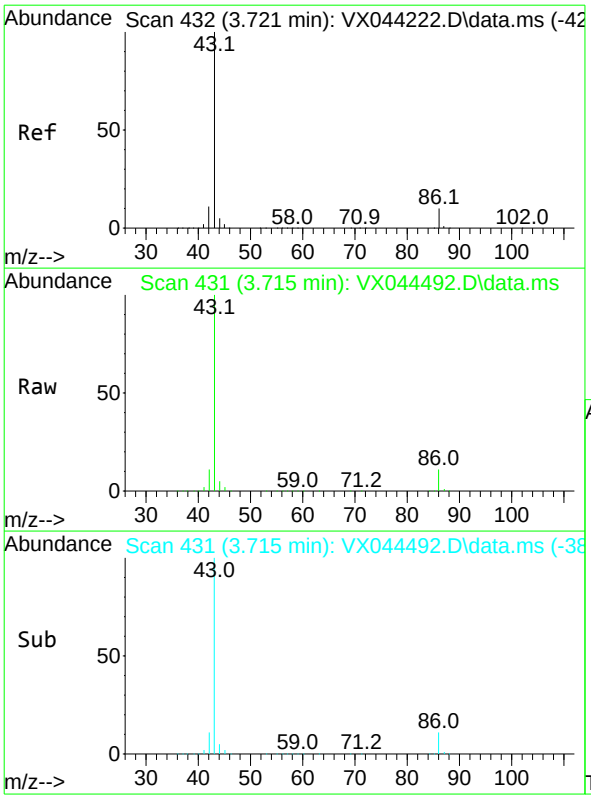


#22
Diisopropyl ether
Concen: 43.412 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 45 Resp: 259272

Ion	Ratio	Lower	Upper
45	100		
43	80.2	60.2	90.2
87	27.9	21.2	31.8
59	11.3	8.9	13.3





#23
Vinyl Acetate
Concen: 223.409 ug/l
RT: 3.715 min Scan# 43
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

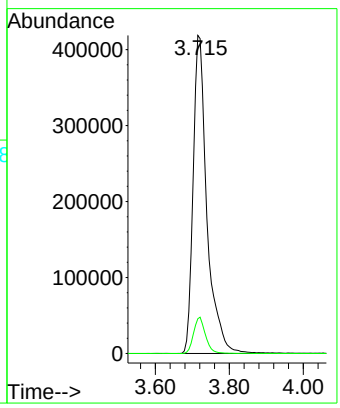
Tgt Ion: 43 Resp: 1084781

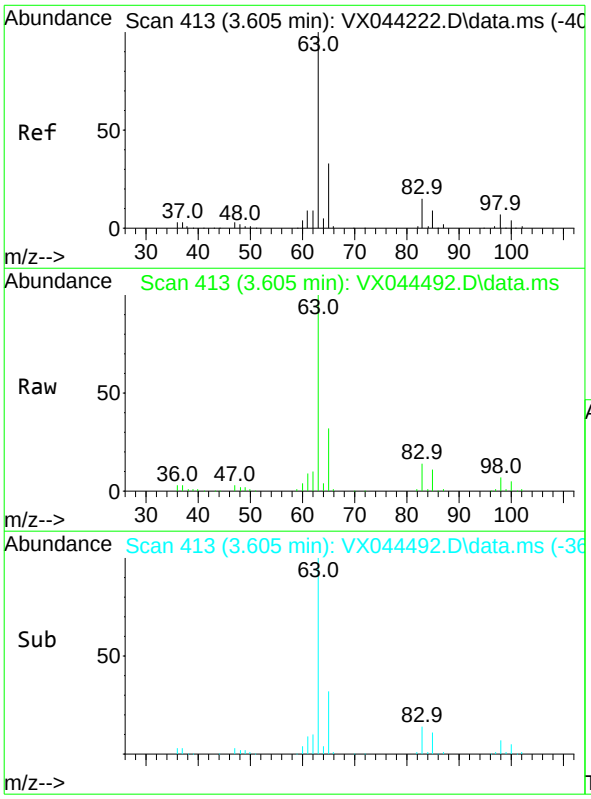
Ion	Ratio	Lower	Upper
43	100		
86	10.9	8.2	12.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

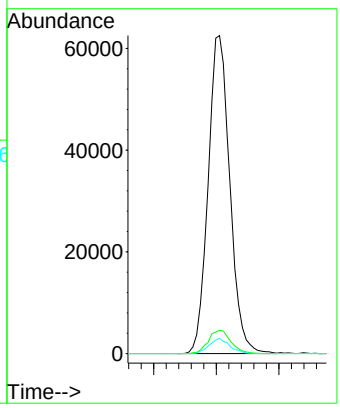


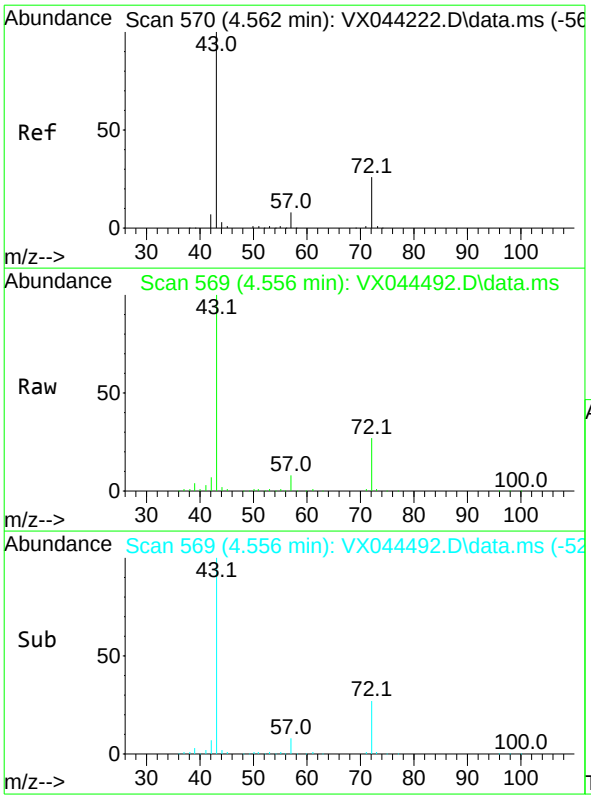


#24
1,1-Dichloroethane
Concen: 45.194 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 63 Resp: 150456

Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.6	10.8
100	4.8	2.1	6.3

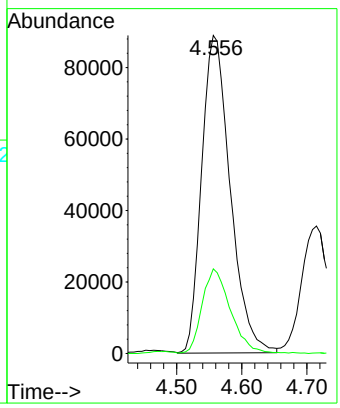




#25
2-Butanone
Concen: 188.131 ug/l
RT: 4.556 min Scan# 56
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 43 Resp: 271591

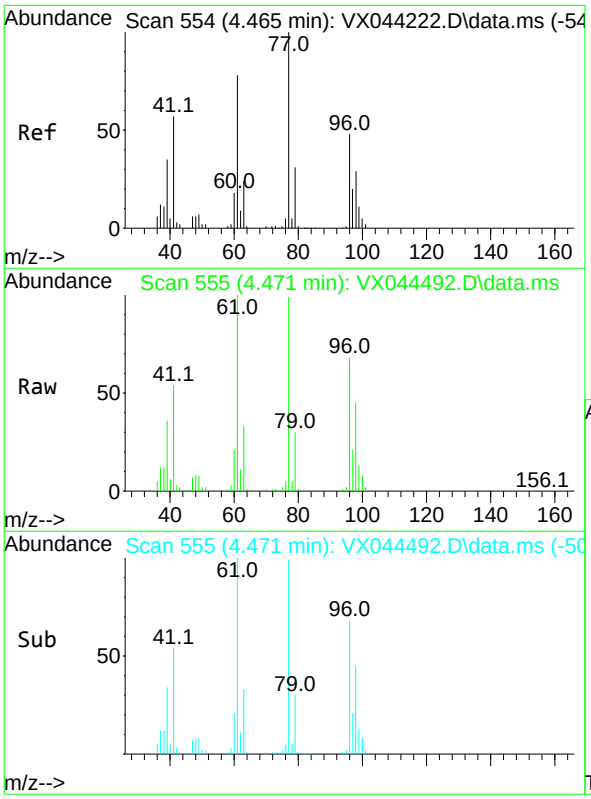
Ion	Ratio	Lower	Upper
43	100		
72	26.5	20.2	30.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

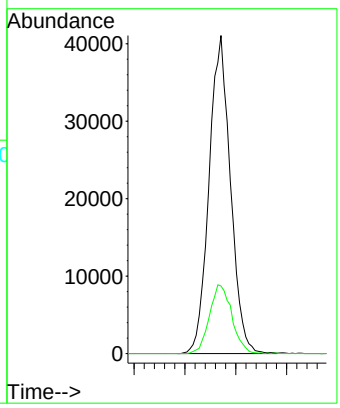
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

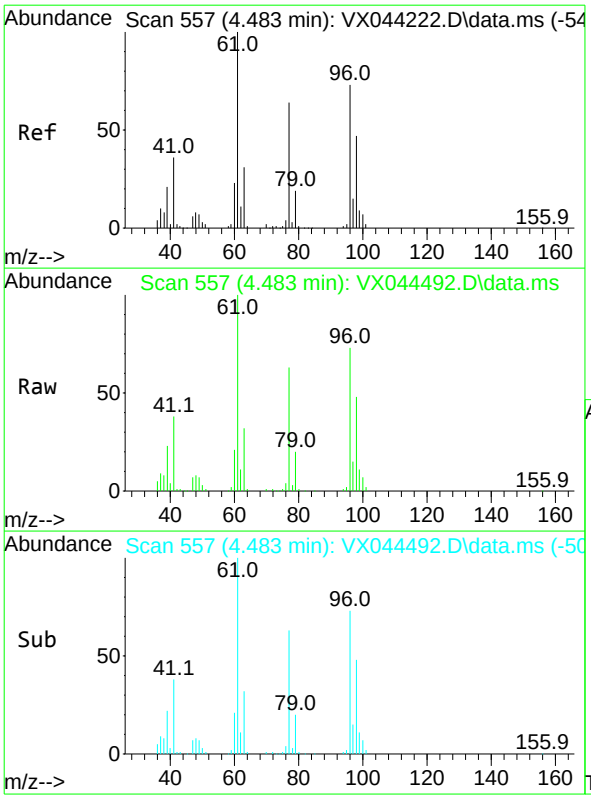


#26
2,2-Dichloropropane
Concen: 44.358 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 77 Resp: 119970

Ion	Ratio	Lower	Upper
77	100		
97	22.6	10.7	32.1

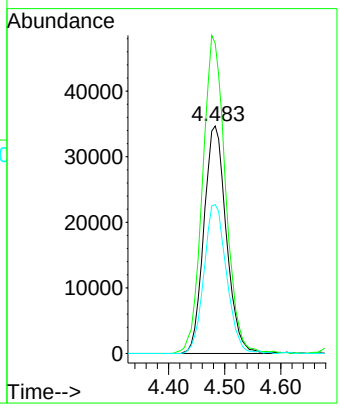




#27
cis-1,2-Dichloroethene
Concen: 44.871 ug/l
RT: 4.483 min Scan# 55
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 96 Resp: 96440

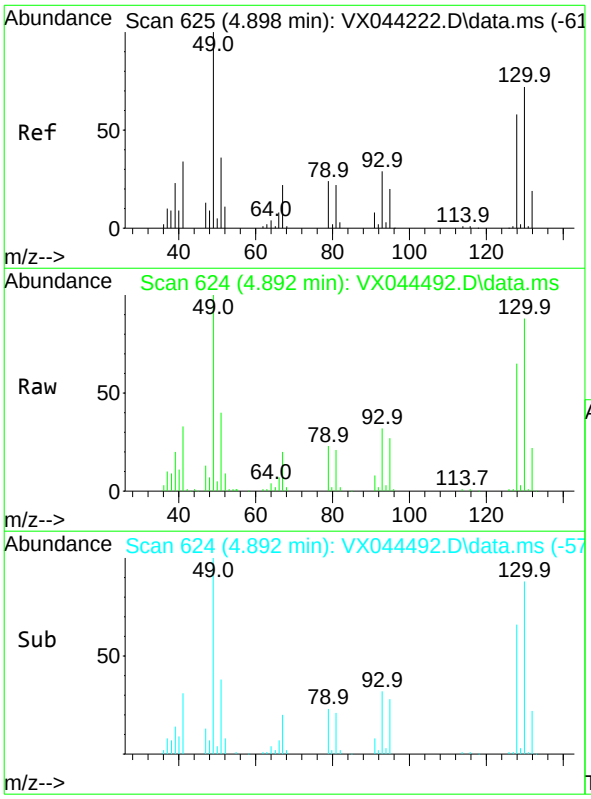
Ion	Ratio	Lower	Upper
96	100		
61	142.1	0.0	299.0
98	66.0	0.0	129.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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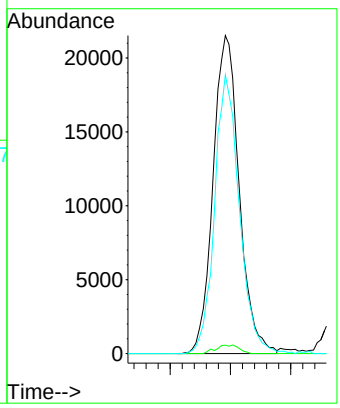
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

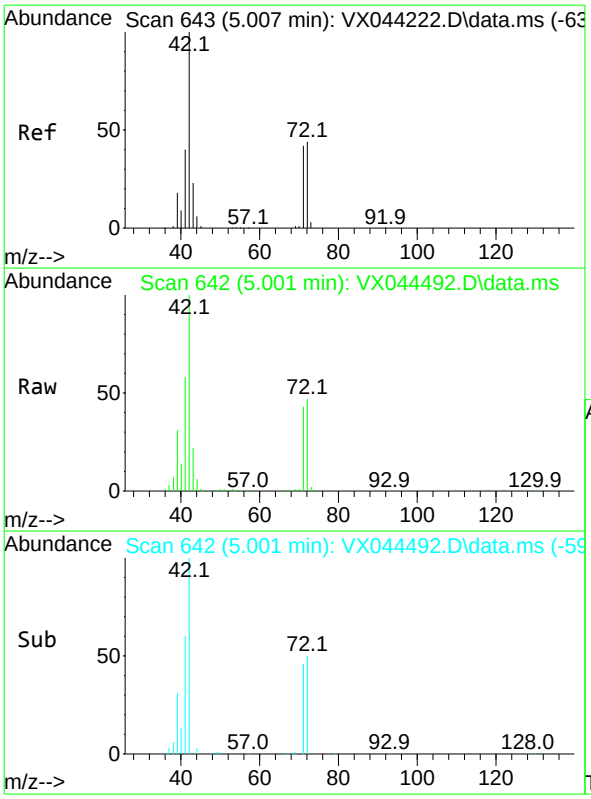


#28
Bromochloromethane
Concen: 39.671 ug/l
RT: 4.892 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 49 Resp: 64763

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	83.3	62.1	93.1

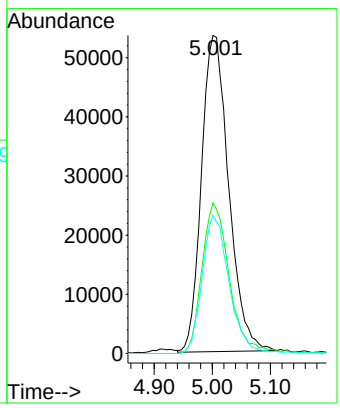




#29
Tetrahydrofuran
Concen: 187.586 ug/l
RT: 5.001 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 42 Resp: 173821

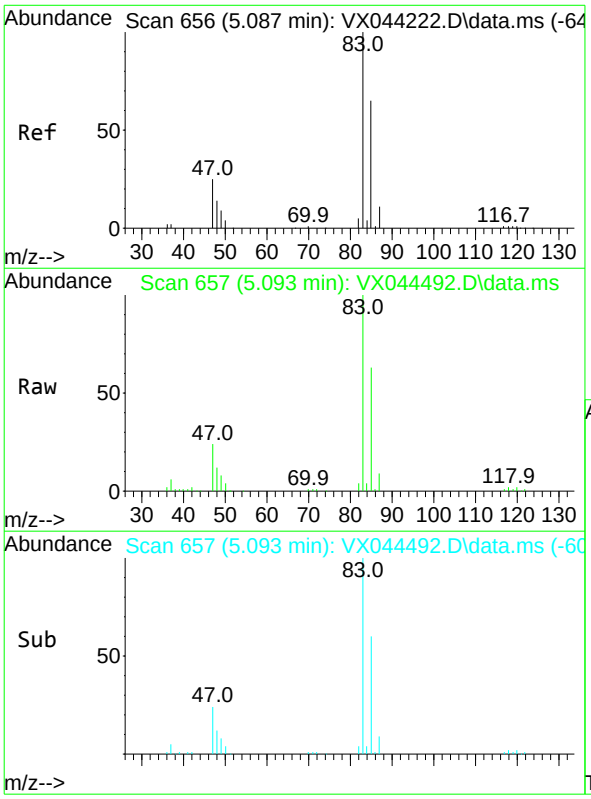
Ion	Ratio	Lower	Upper
42	100		
72	48.0	37.0	55.6
71	43.3	33.6	50.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

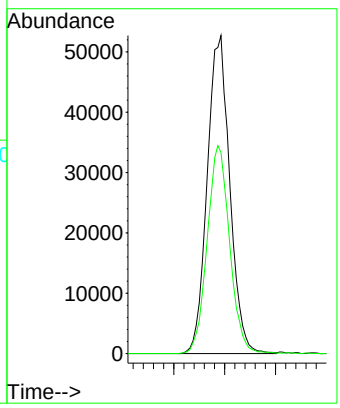
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

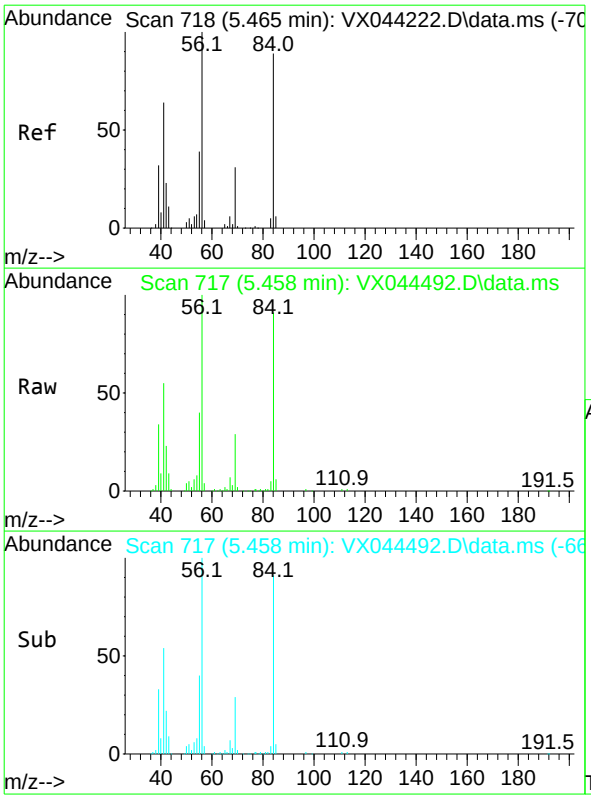


#30
Chloroform
Concen: 43.416 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 83 Resp: 162393

Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.6	77.4

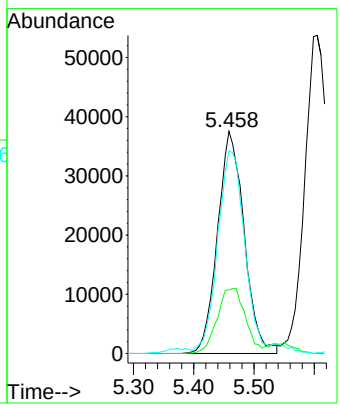




#31
Cyclohexane
Concen: 42.794 ug/l
RT: 5.458 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 56 Resp: 115044

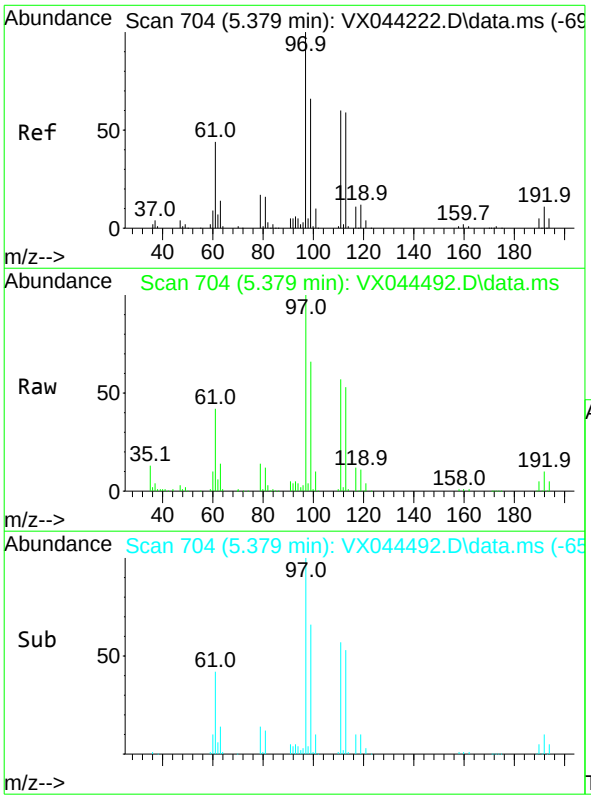
Ion	Ratio	Lower	Upper
56	100		
69	28.7	24.7	37.1
84	88.9	71.0	106.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

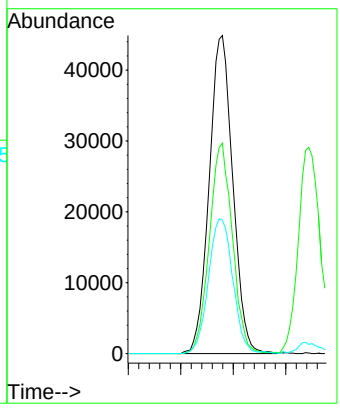
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

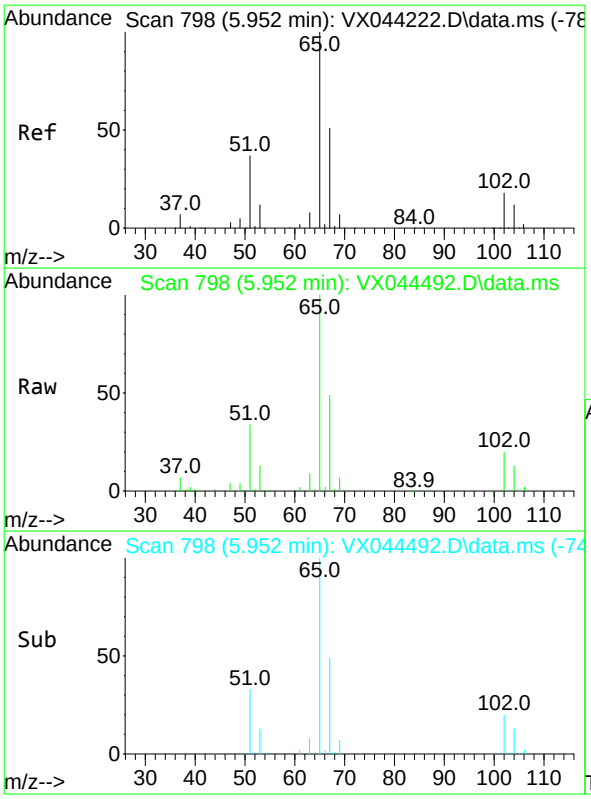


#32
1,1,1-Trichloroethane
Concen: 45.118 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 97 Resp: 140086

Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.8	76.2
61	43.9	35.2	52.8

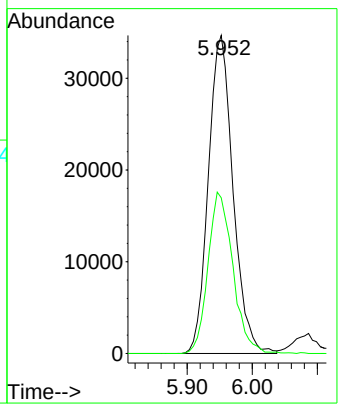




#33
1,2-Dichloroethane-d4
Concen: 36.671 ug/l
RT: 5.952 min Scan# 79
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 65 Resp: 91340

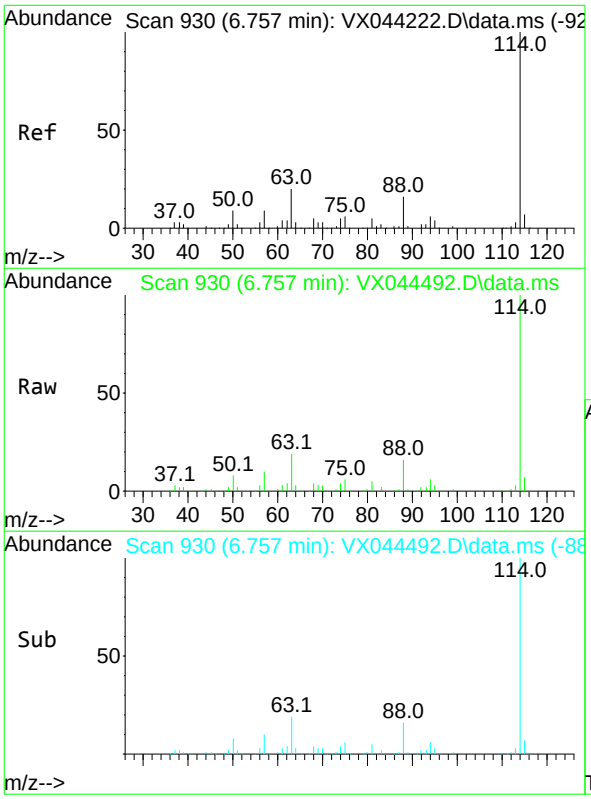
Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	101.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

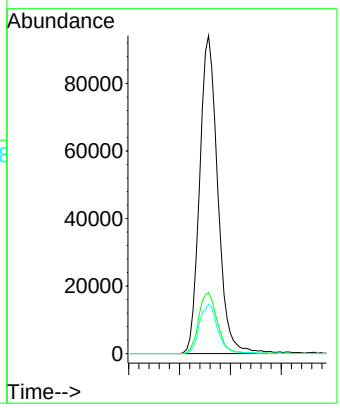
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

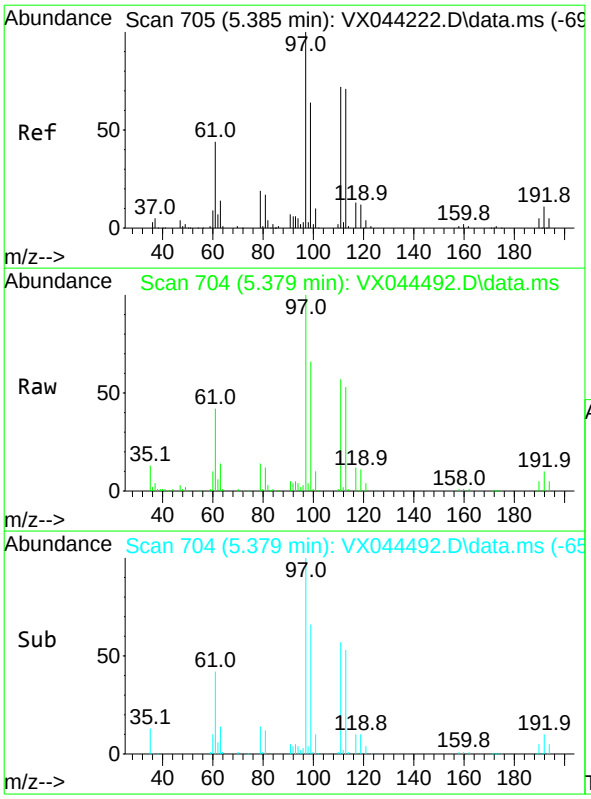


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:114 Resp: 233398

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	40.6
88	15.6	0.0	31.8

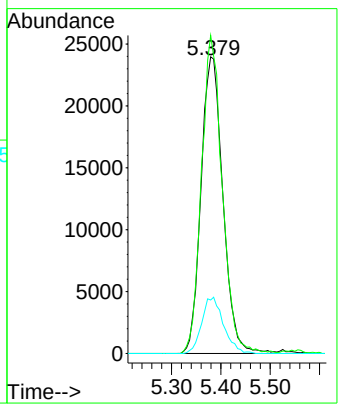




#35
Dibromofluoromethane
Concen: 45.677 ug/l
RT: 5.379 min Scan# 70
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:113 Resp: 73837

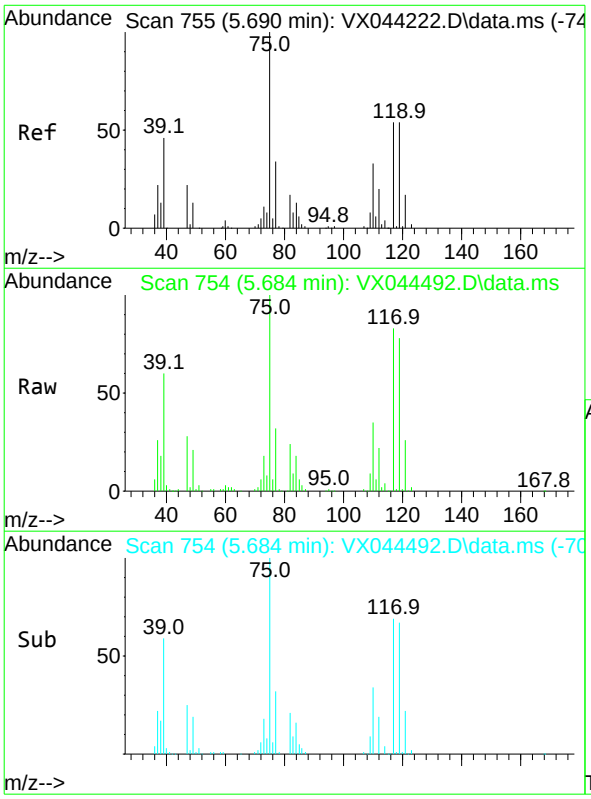
Ion	Ratio	Lower	Upper
113	100		
111	102.2	80.4	120.6
192	18.9	13.3	19.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

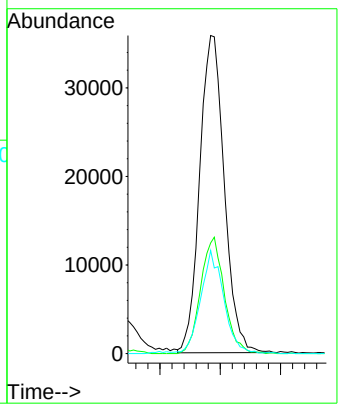
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

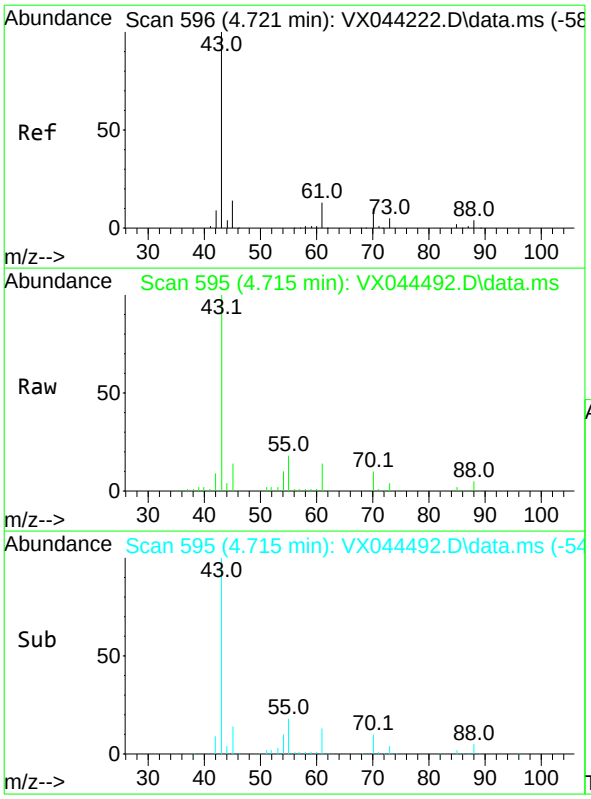


#36
1,1-Dichloropropene
Concen: 48.625 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 75 Resp: 101604

Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.3	51.7
77	29.8	25.4	38.0

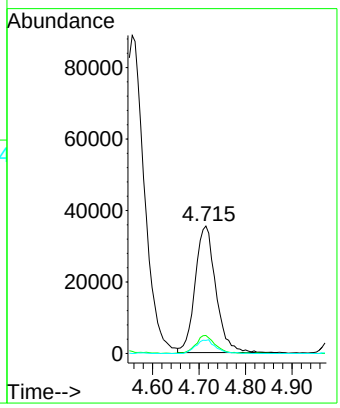




#37
Ethyl Acetate
Concen: 42.249 ug/l
RT: 4.715 min Scan# 59
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 43 Resp: 109126

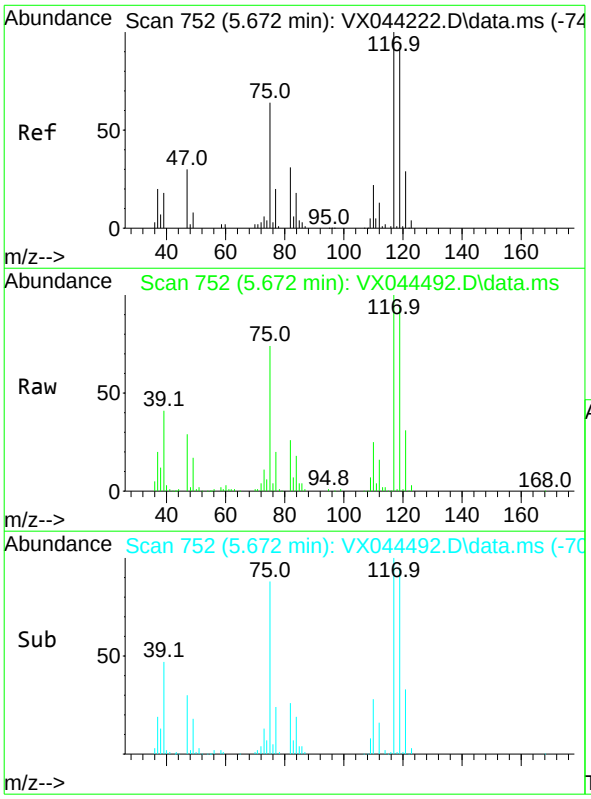
Ion	Ratio	Lower	Upper
43	100		
61	13.5	9.8	14.8
70	10.3	7.7	11.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

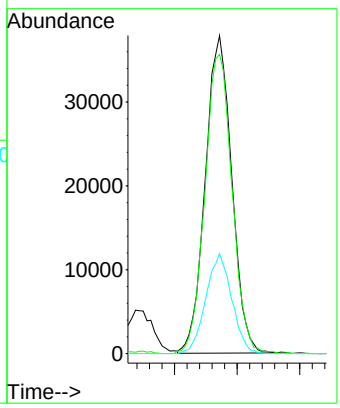
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

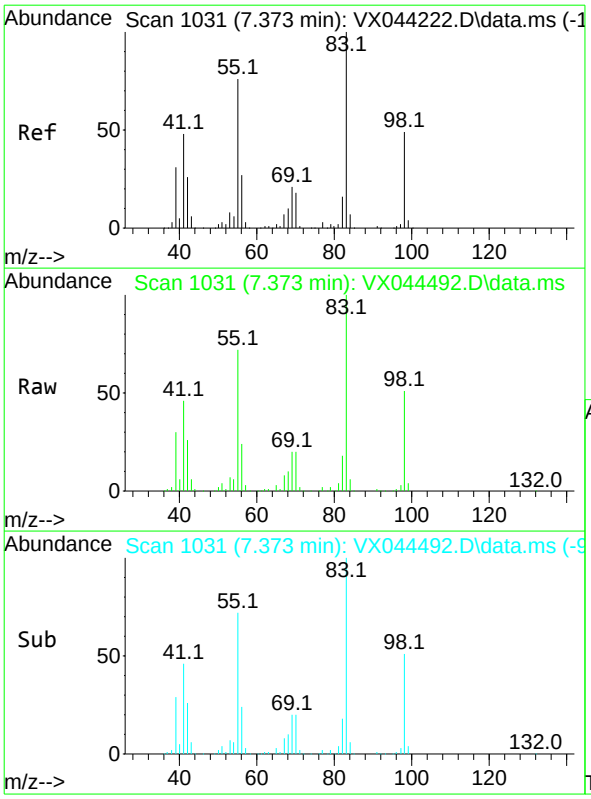


#38
Carbon Tetrachloride
Concen: 49.513 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:117 Resp: 111385

Ion	Ratio	Lower	Upper
117	100		
119	94.0	74.2	111.4
121	31.6	23.0	34.6

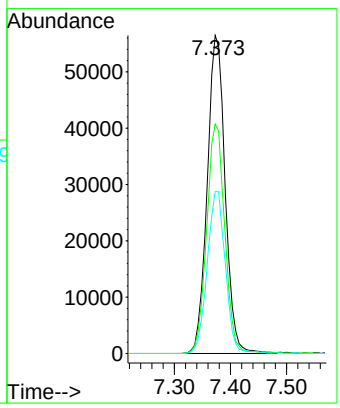




#39
Methylcyclohexane
Concen: 50.139 ug/l
RT: 7.373 min Scan# 10
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 83 Resp: 125247

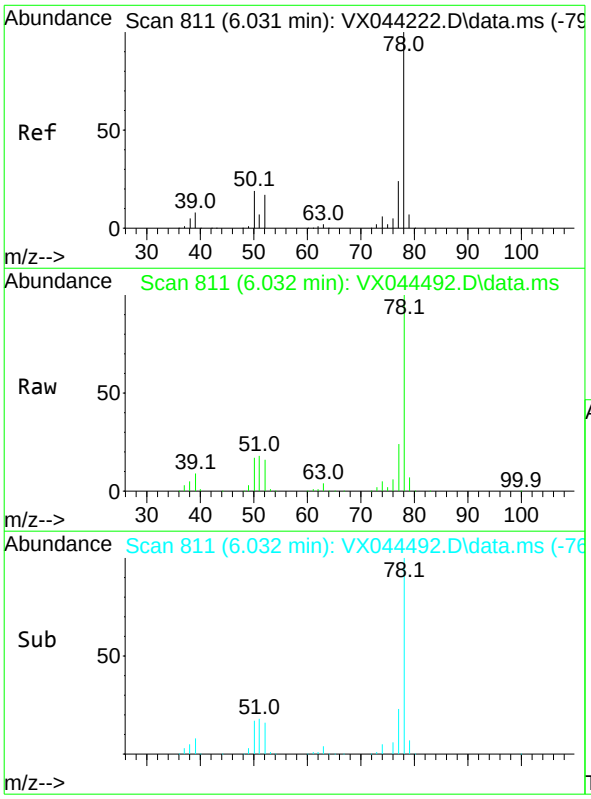
Ion	Ratio	Lower	Upper
83	100		
55	72.2	60.7	91.1
98	50.9	38.9	58.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

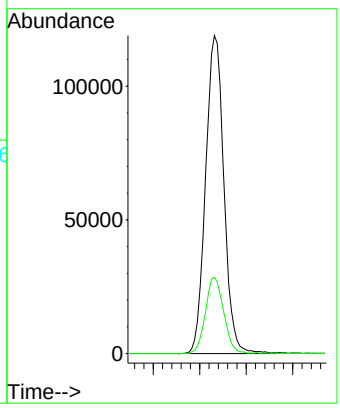
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

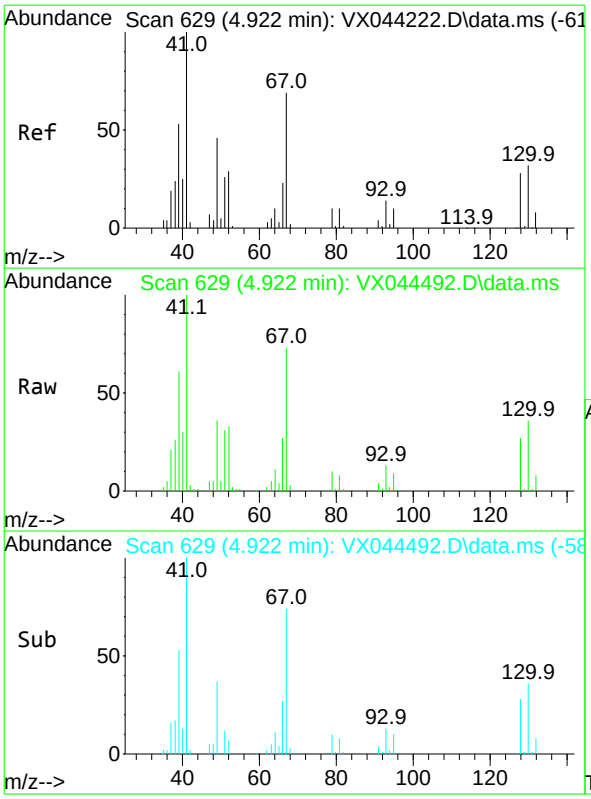


#40
Benzene
Concen: 51.229 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 78 Resp: 325004

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9

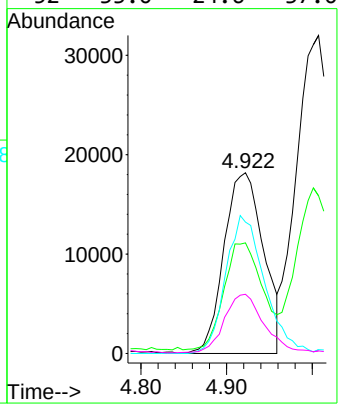




#41
Methacrylonitrile
Concen: 42.511 ug/l
RT: 4.922 min Scan# 62
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

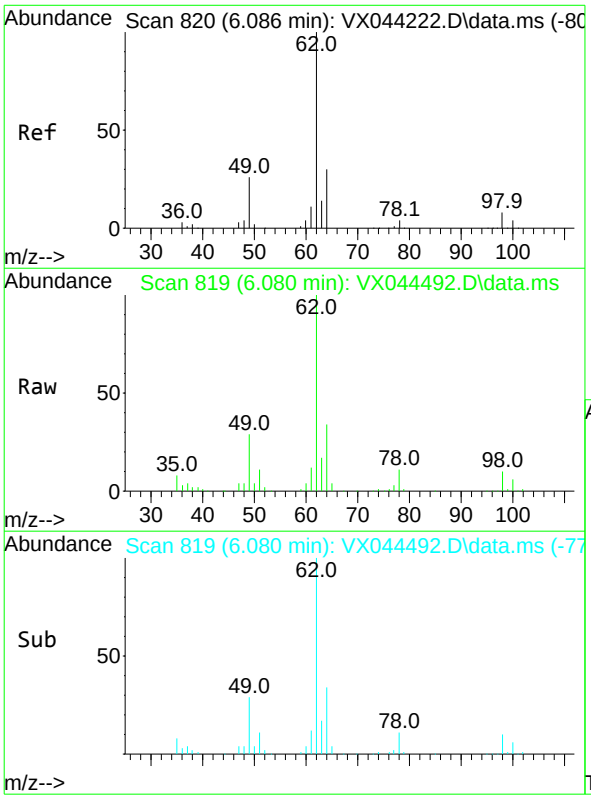
Tgt Ion: 41 Resp: 58306

Ion	Ratio	Lower	Upper
41	100		
39	57.1	44.2	66.4
67	75.0	57.2	85.8
52	33.0	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

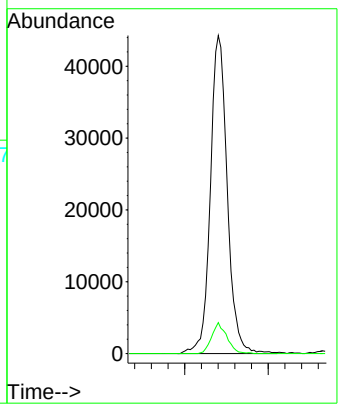
Manual Integrations APPROVED
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

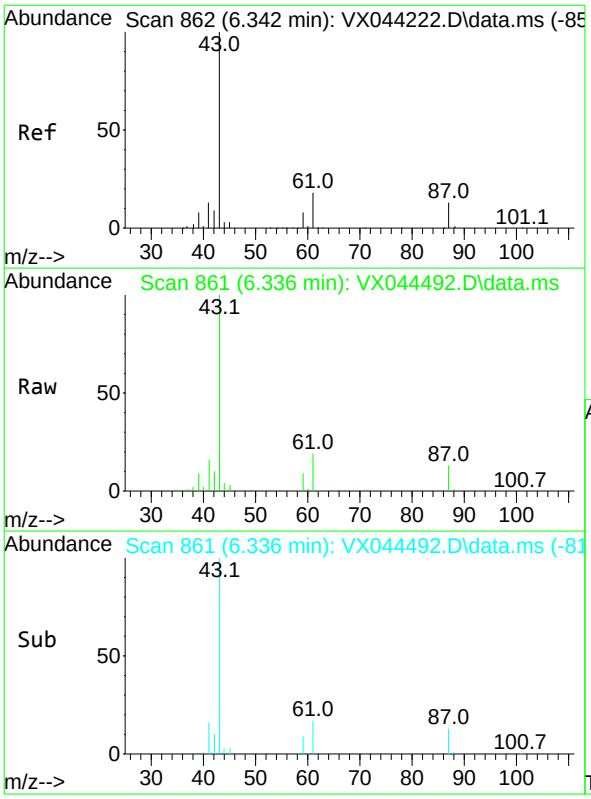


#42
1,2-Dichloroethane
Concen: 47.653 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 62 Resp: 124536

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	15.8

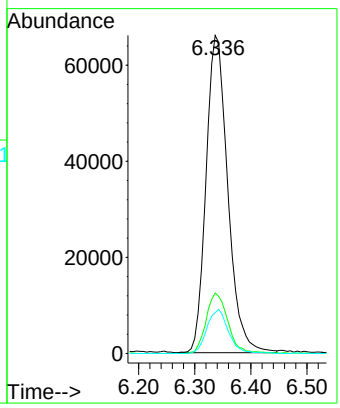




#43
Isopropyl Acetate
Concen: 44.034 ug/l
RT: 6.336 min Scan# 86
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 43 Resp: 177770

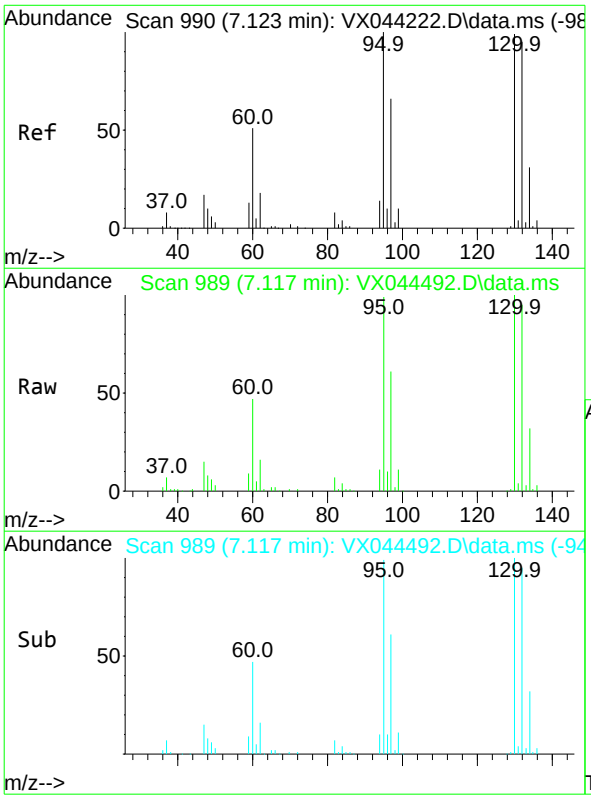
Ion	Ratio	Lower	Upper
43	100		
61	19.1	14.2	21.2
87	13.7	10.2	15.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

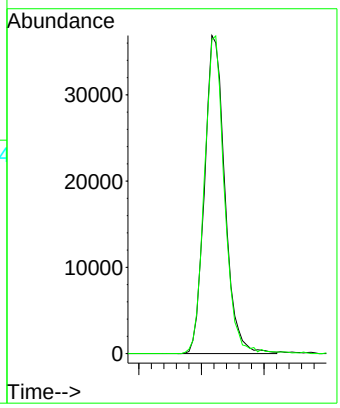
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

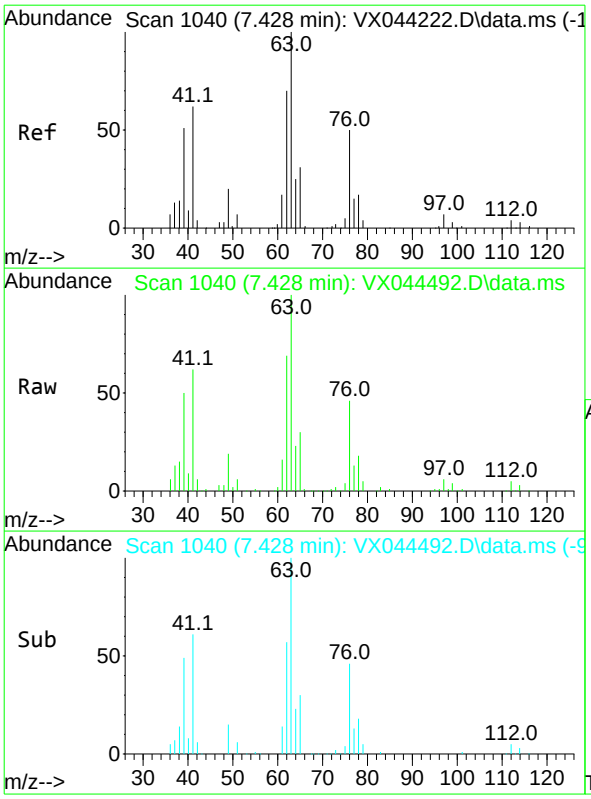


#44
Trichloroethene
Concen: 52.353 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:130 Resp: 82827

Ion	Ratio	Lower	Upper
130	100		
95	98.7	0.0	201.4

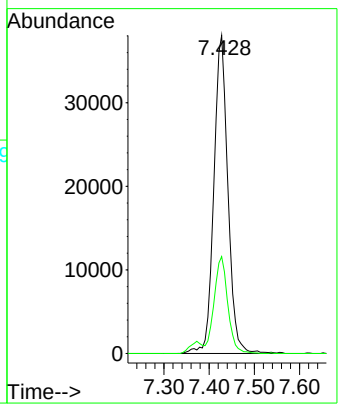




#45
1,2-Dichloropropane
Concen: 50.659 ug/l
RT: 7.428 min Scan# 10
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 63 Resp: 82109

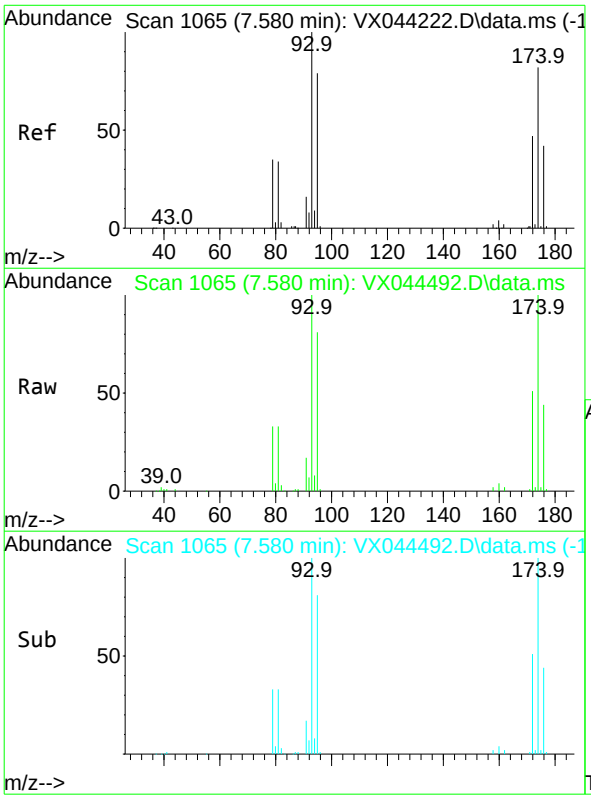
Ion	Ratio	Lower	Upper
63	100		
65	30.5	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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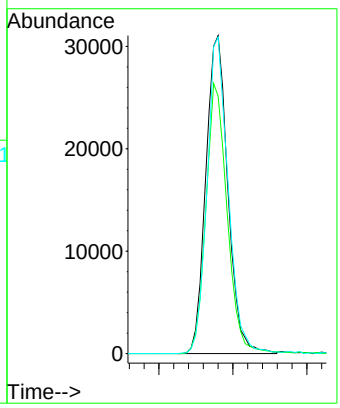
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

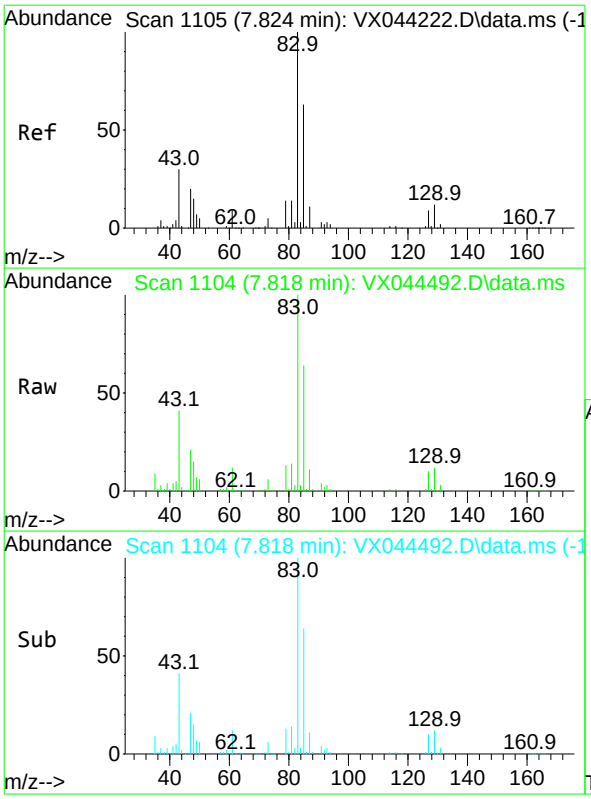


#46
Dibromomethane
Concen: 50.998 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 93 Resp: 64127

Ion	Ratio	Lower	Upper
93	100		
95	81.9	65.4	98.2
174	95.5	67.9	101.9





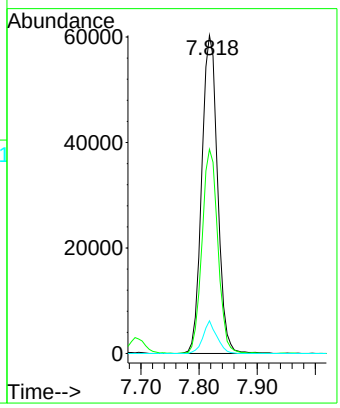
#47
Bromodichloromethane
Concen: 52.527 ug/l
RT: 7.818 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

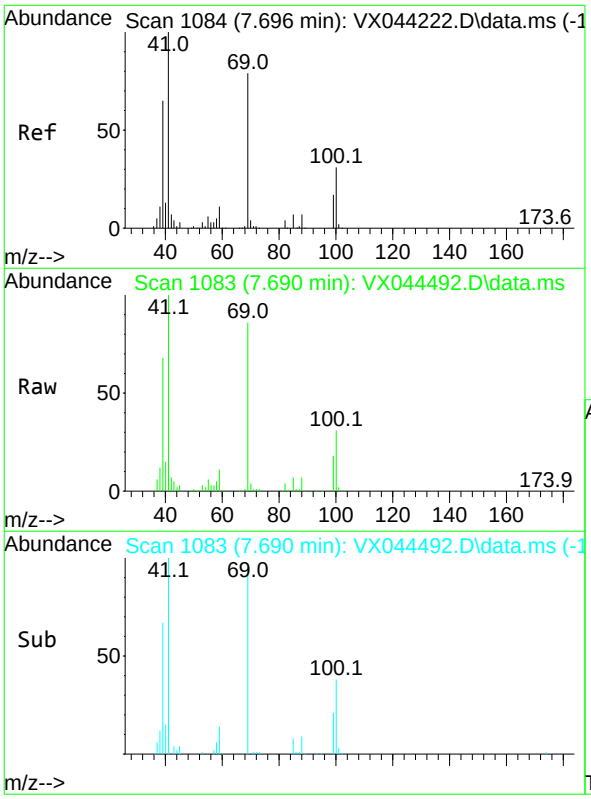
Tgt Ion: 83 Resp: 114072

Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.6	75.8
127	10.3	7.3	10.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

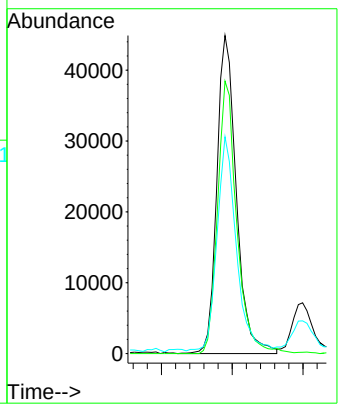


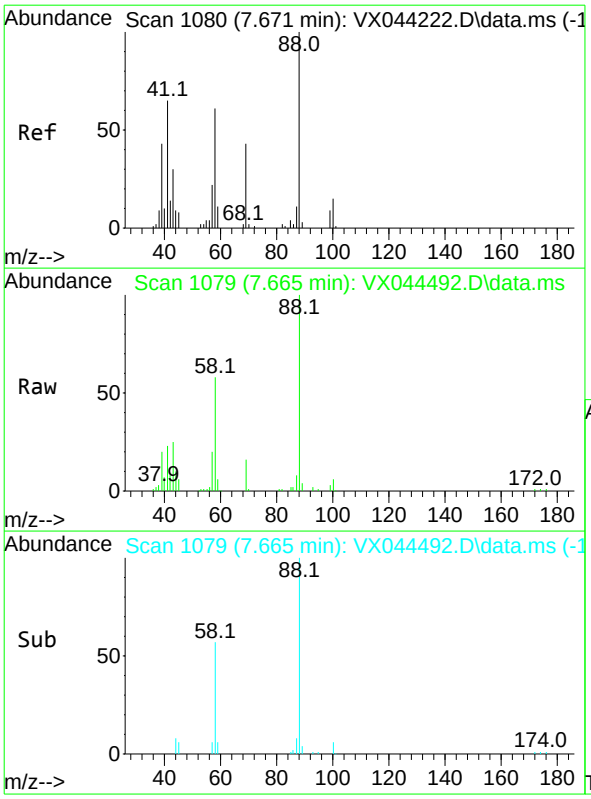


#48
Methyl methacrylate
Concen: 43.837 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 41 Resp: 85907

Ion	Ratio	Lower	Upper
41	100		
69	84.0	62.4	93.6
39	65.7	53.3	79.9

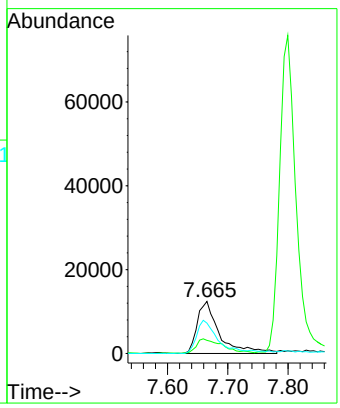




#49
1,4-Dioxane
Concen: 982.728 ug/l
RT: 7.665 min Scan# 10
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 88 Resp: 31930

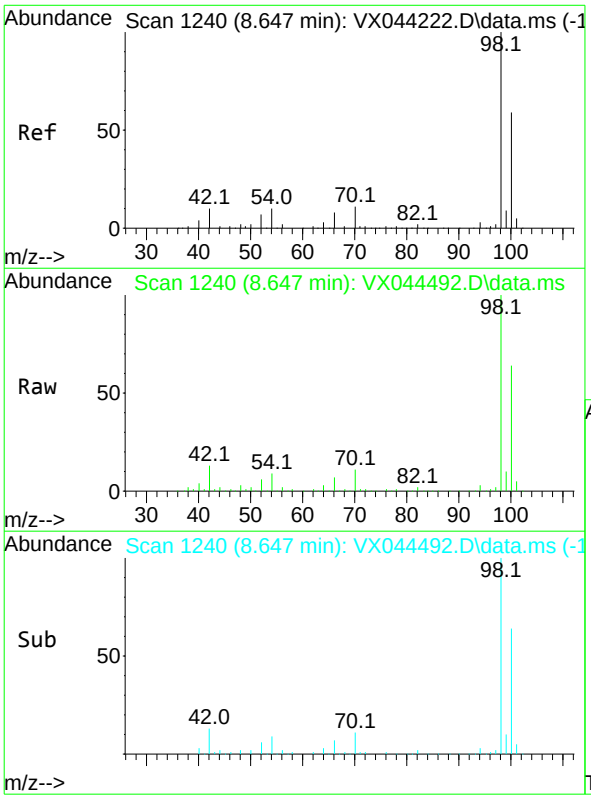
Ion	Ratio	Lower	Upper
88	100		
43	32.0	27.1	40.7
58	58.7	41.0	61.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

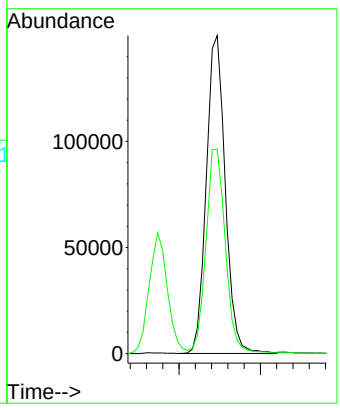
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

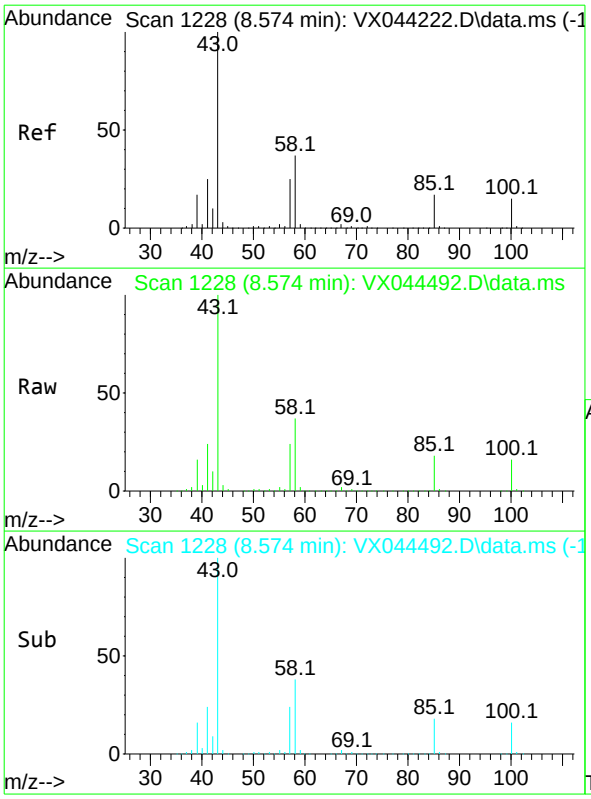


#50
Toluene-d8
Concen: 44.446 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 98 Resp: 242389

Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.5	77.3

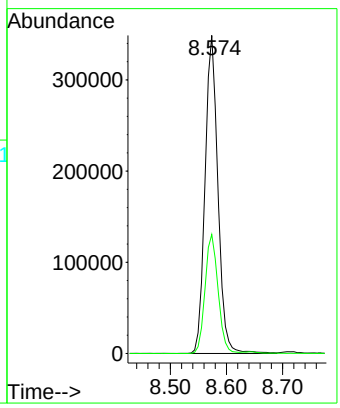




#51
4-Methyl-2-Pentanone
Concen: 214.305 ug/l
RT: 8.574 min Scan# 12
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 43 Resp: 556283

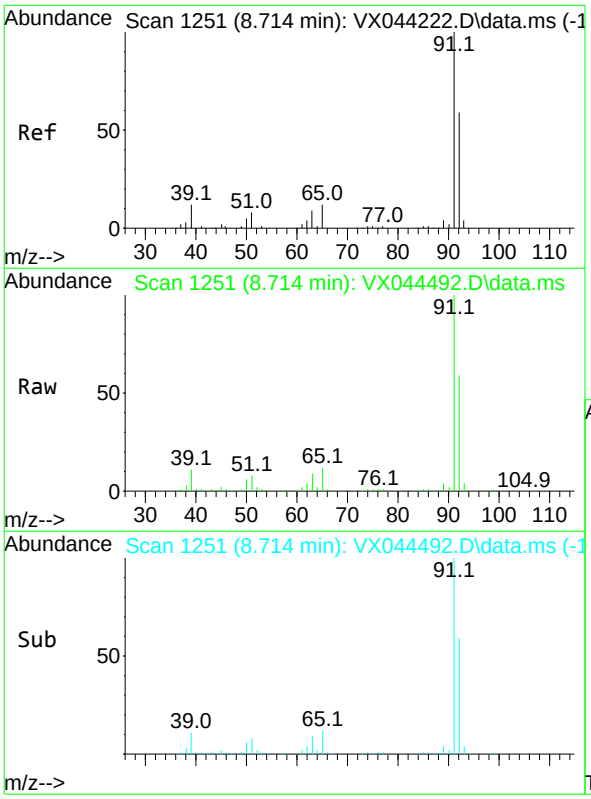
Ion	Ratio	Lower	Upper
43	100		
58	37.7	29.4	44.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

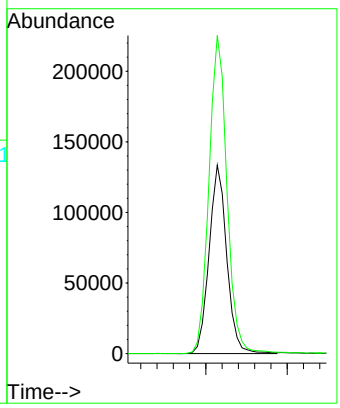
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

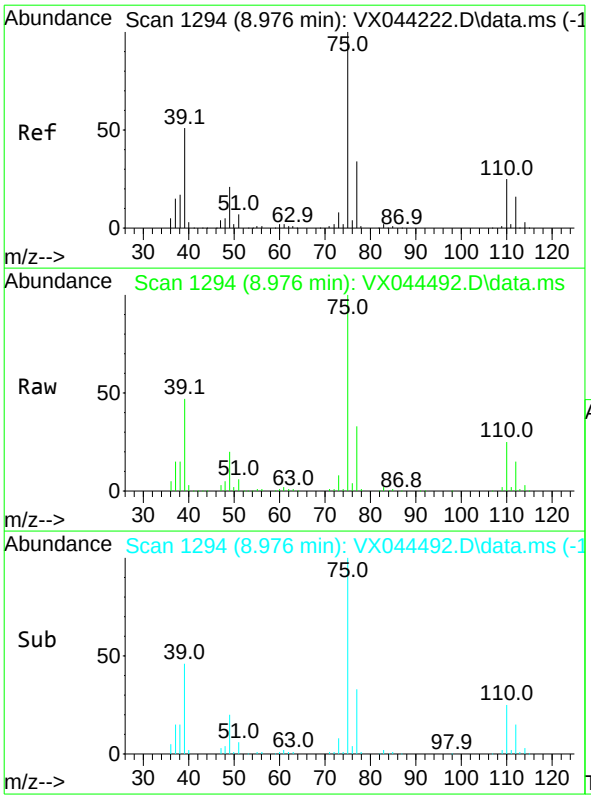


#52
Toluene
Concen: 50.524 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 92 Resp: 201289

Ion	Ratio	Lower	Upper
92	100		
91	172.6	137.0	205.6

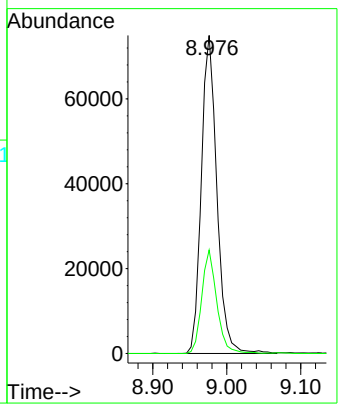




#53
t-1,3-Dichloropropene
Concen: 47.186 ug/l
RT: 8.976 min Scan# 12
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 75 Resp: 109547

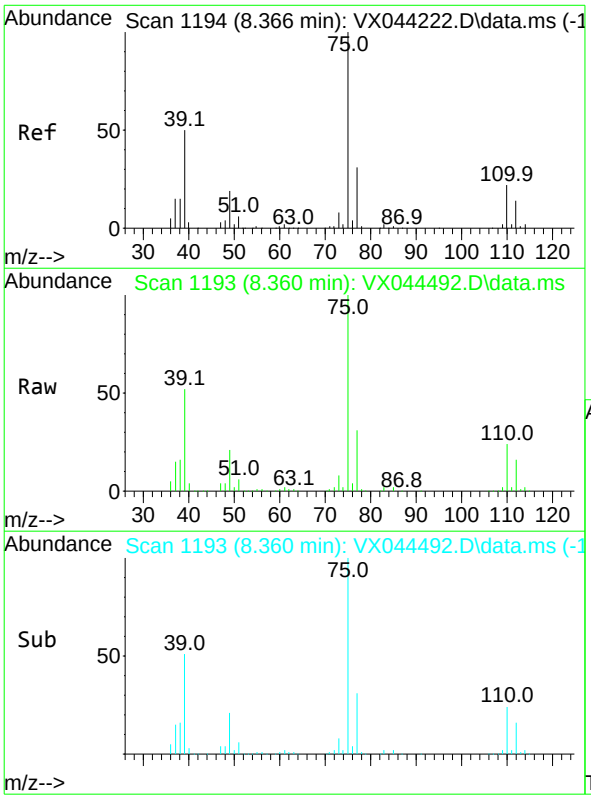
Ion	Ratio	Lower	Upper
75	100		
77	32.5	27.2	40.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

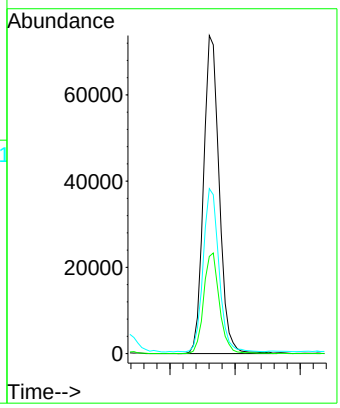
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

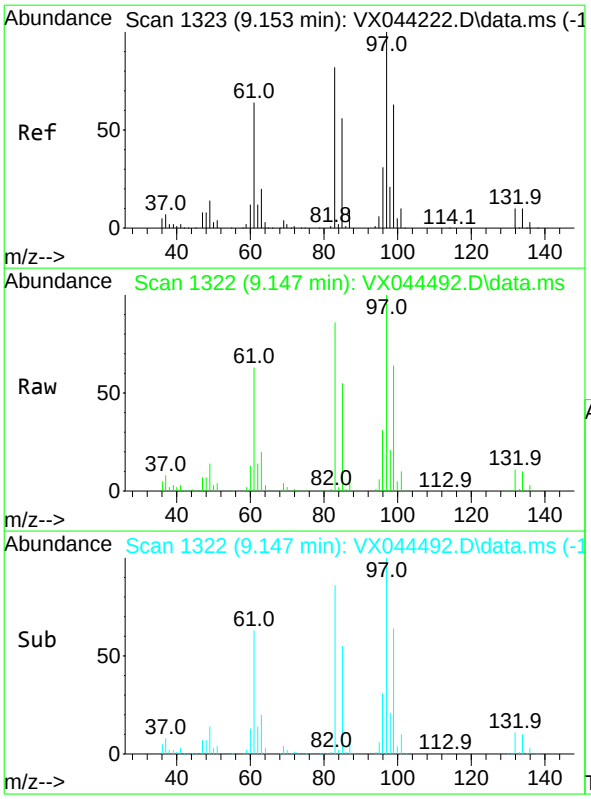


#54
cis-1,3-Dichloropropene
Concen: 52.242 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 75 Resp: 123531

Ion	Ratio	Lower	Upper
75	100		
77	30.5	24.7	37.1
39	51.2	40.3	60.5

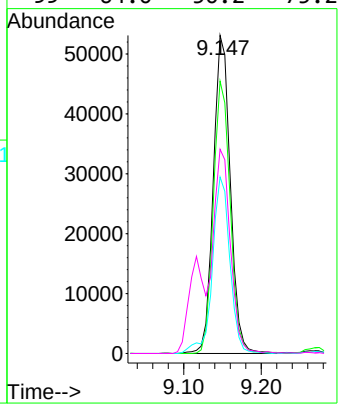




#55
1,1,2-Trichloroethane
Concen: 51.140 ug/l
RT: 9.147 min Scan# 13
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 97 Resp: 80941

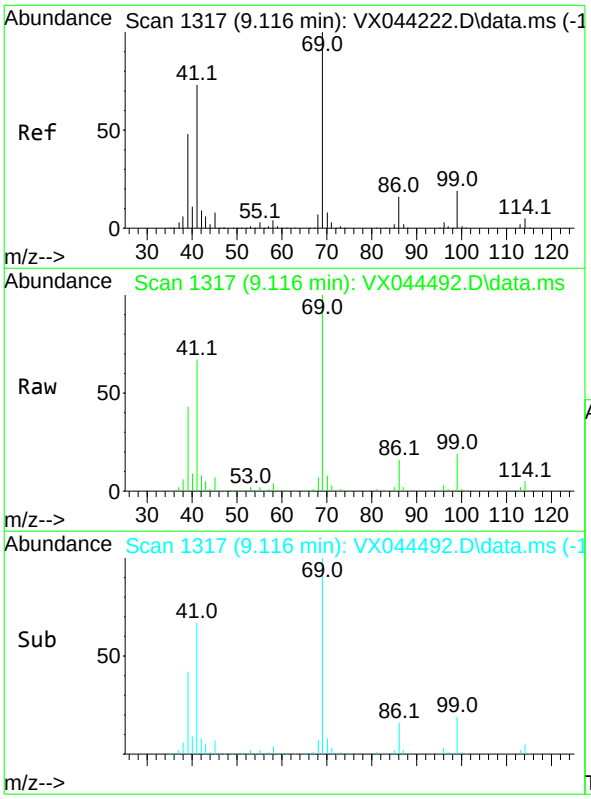
Ion	Ratio	Lower	Upper
97	100		
83	85.6	65.3	97.9
85	55.5	44.6	67.0
99	64.0	50.2	75.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

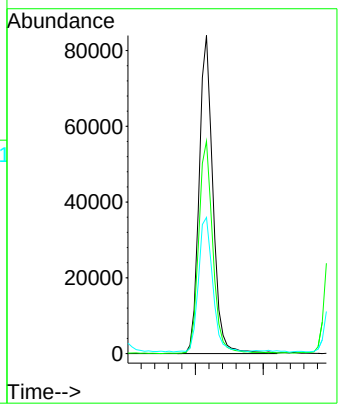
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

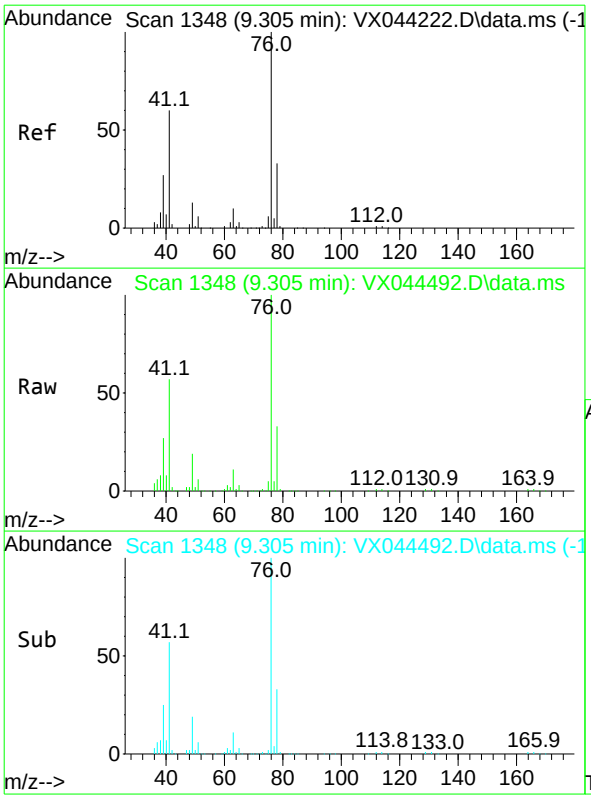


#56
Ethyl methacrylate
Concen: 47.418 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 69 Resp: 118479

Ion	Ratio	Lower	Upper
69	100		
41	68.8	56.6	85.0
39	43.7	37.4	56.0

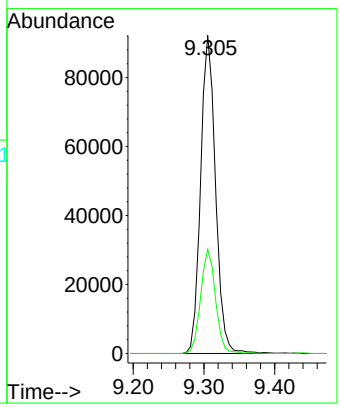




#57
1,3-Dichloropropane
Concen: 48.972 ug/l
RT: 9.305 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 76 Resp: 134913

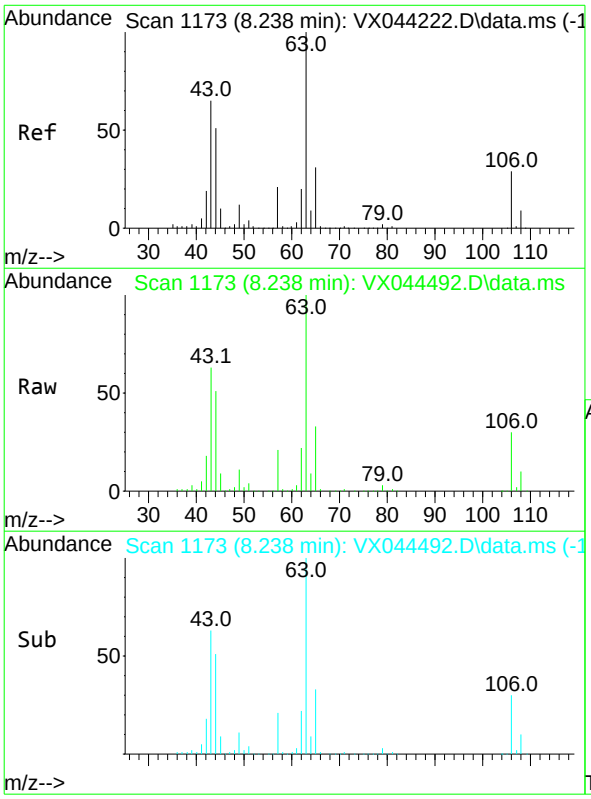
Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

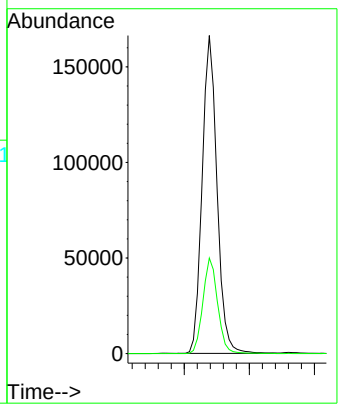
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

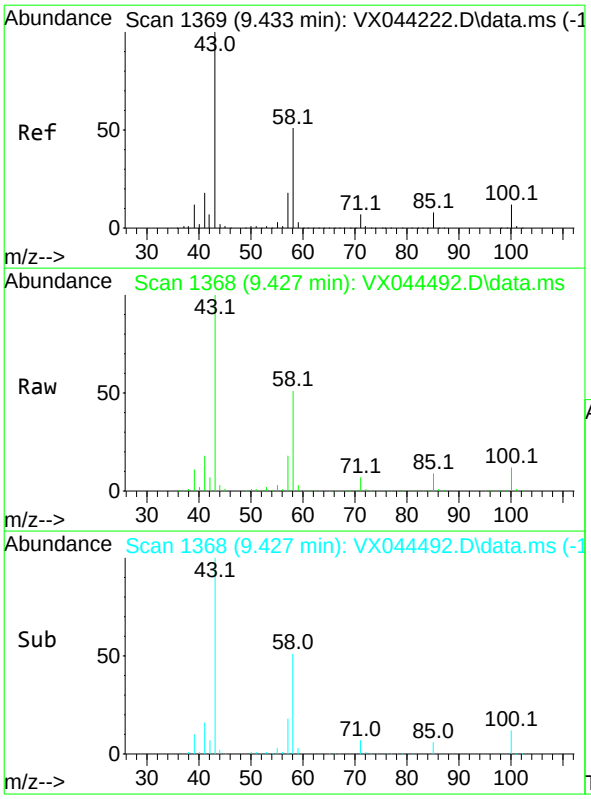


#58
2-Chloroethyl Vinyl ether
Concen: 209.048 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 63 Resp: 263448

Ion	Ratio	Lower	Upper
63	100		
106	29.8	22.8	34.2

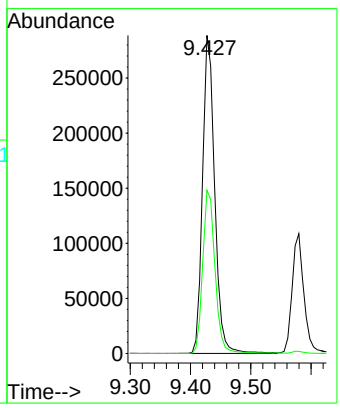




#59
2-Hexanone
Concen: 214.776 ug/l
RT: 9.427 min Scan# 13
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 43 Resp: 403537

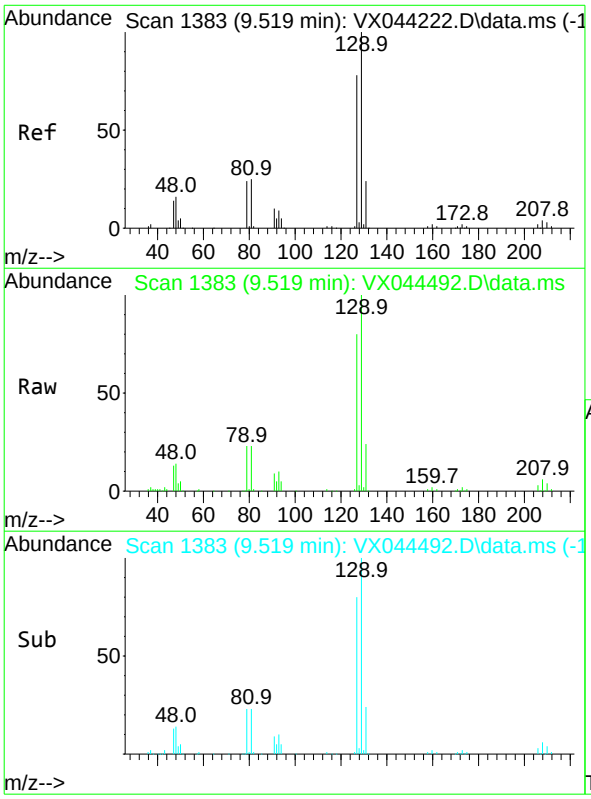
Ion	Ratio	Lower	Upper
43	100		
58	52.2	25.7	77.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

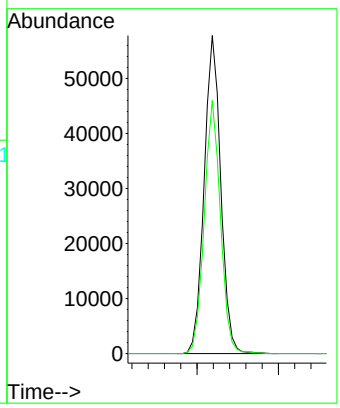
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

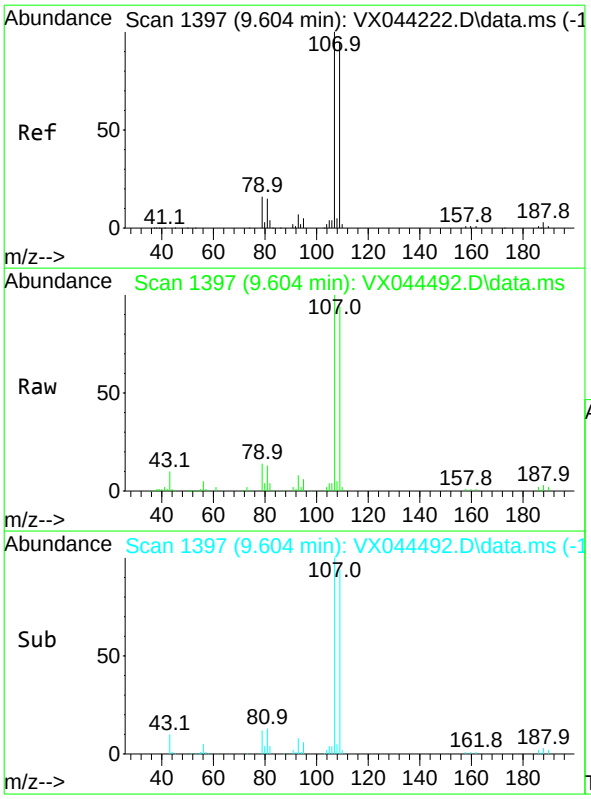


#60
Dibromochloromethane
Concen: 48.943 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:129 Resp: 81910

Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.5	115.3

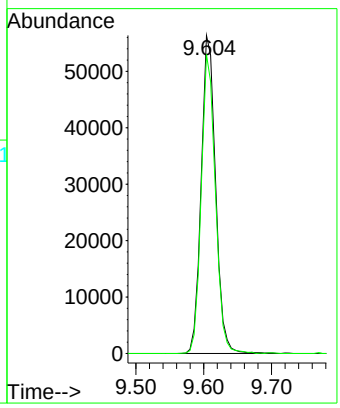




#61
1,2-Dibromoethane
Concen: 51.675 ug/l
RT: 9.604 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:107 Resp: 83250

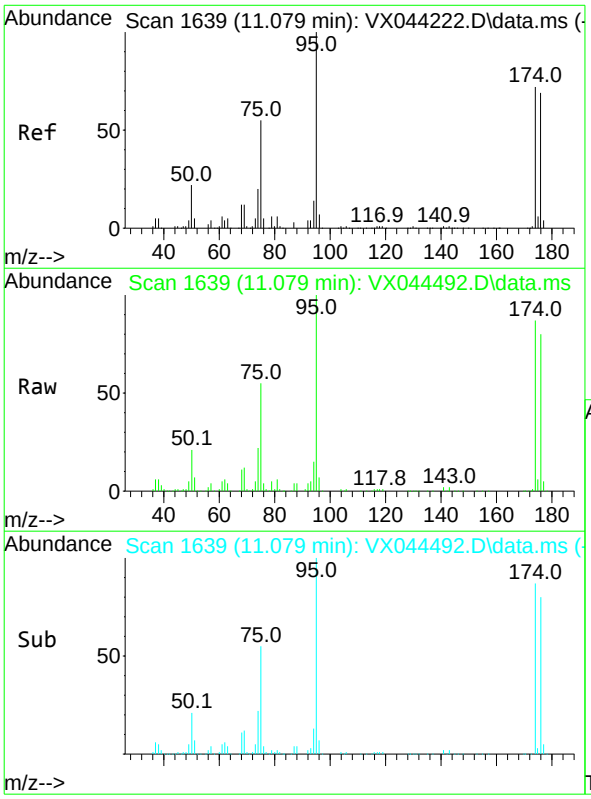
Ion	Ratio	Lower	Upper
107	100		
109	92.1	77.0	115.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

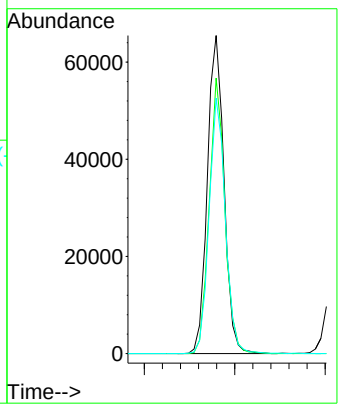
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

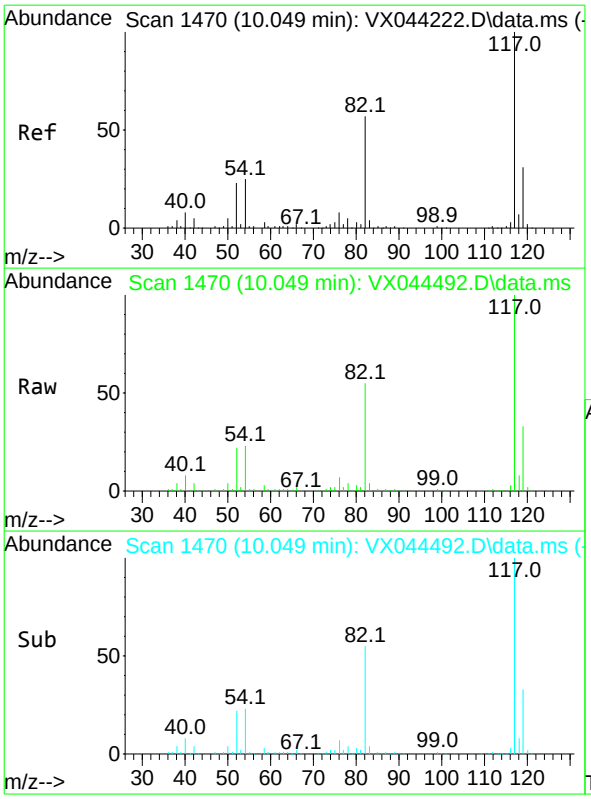


#62
4-Bromofluorobenzene
Concen: 43.908 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 95 Resp: 83671

Ion	Ratio	Lower	Upper
95	100		
174	81.4	0.0	145.8
176	78.5	0.0	137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

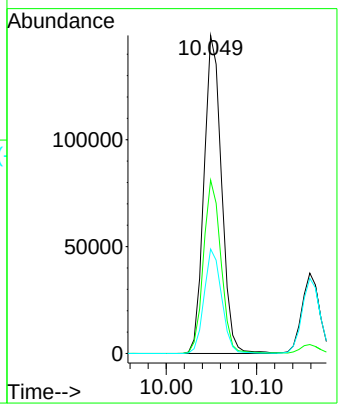
Tgt Ion:117 Resp: 200491

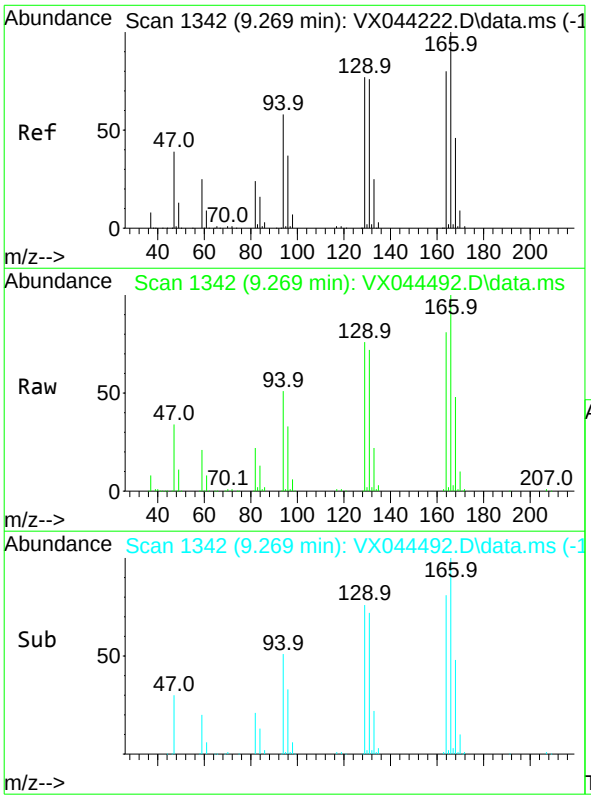
Ion	Ratio	Lower	Upper
117	100		
82	54.5	45.8	68.8
119	32.8	25.0	37.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

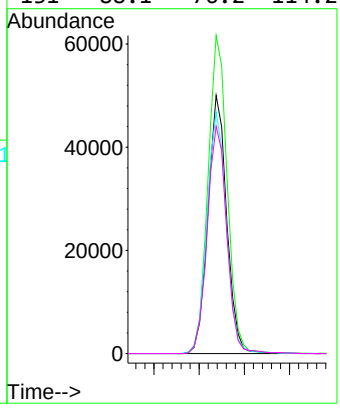


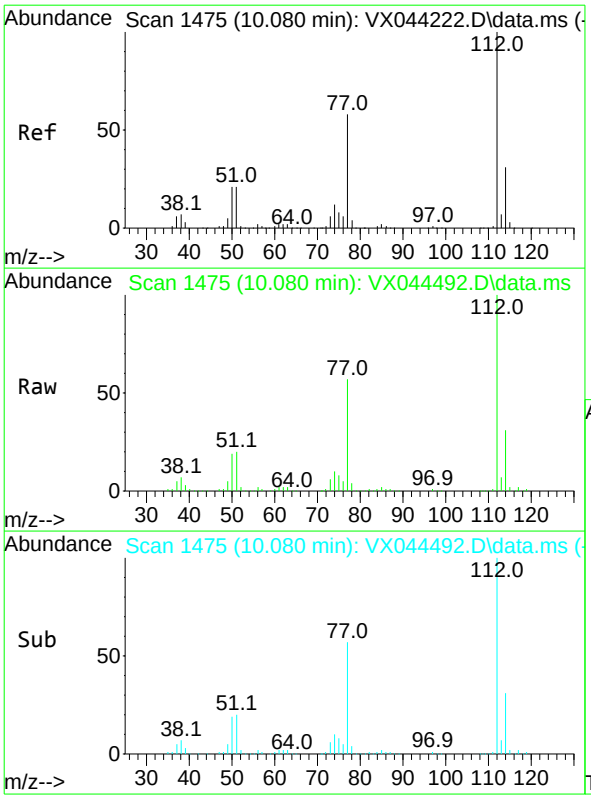


#64
Tetrachloroethene
Concen: 54.558 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:164 Resp: 72600

Ion	Ratio	Lower	Upper
164	100		
166	123.2	100.4	150.6
129	93.6	77.2	115.8
131	88.1	76.2	114.2

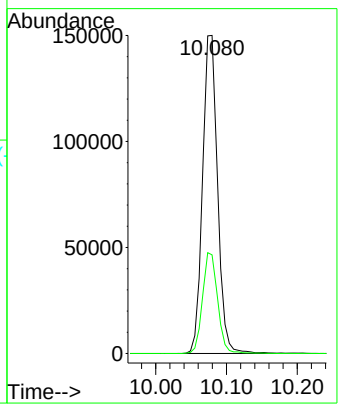




#65
Chlorobenzene
Concen: 51.470 ug/l
RT: 10.080 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:112 Resp: 221119

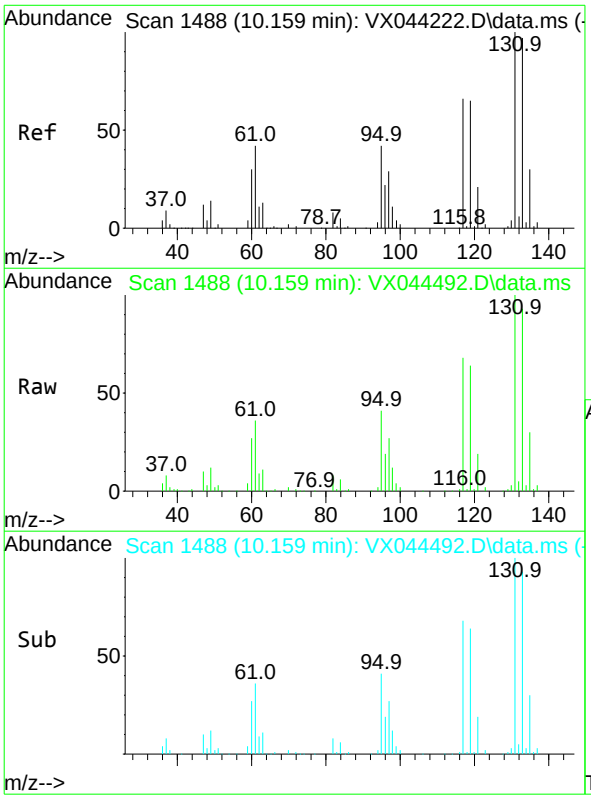
Ion	Ratio	Lower	Upper
112	100		
114	31.0	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

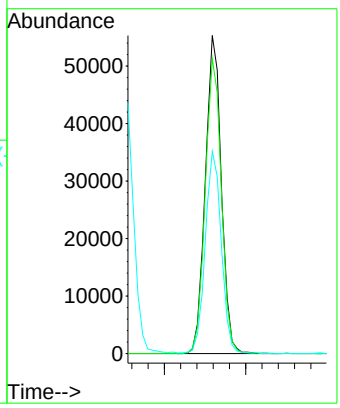
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

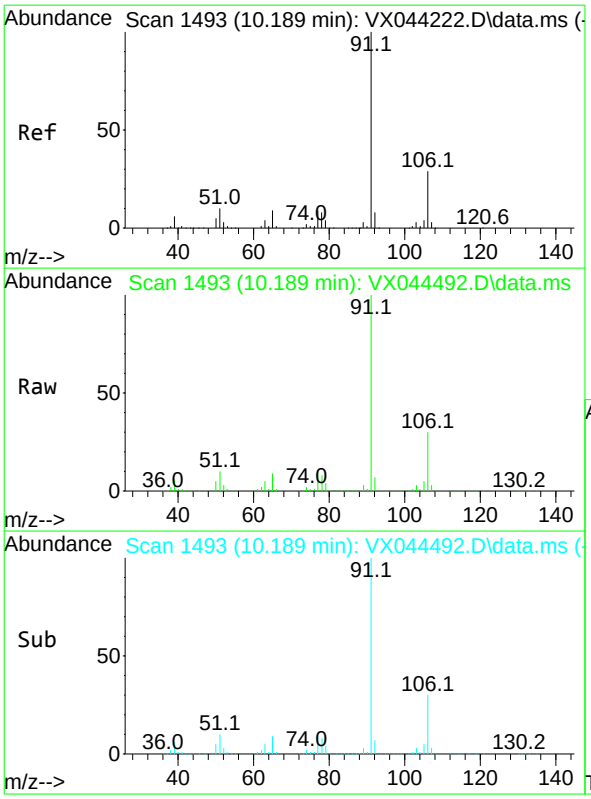


#66
1,1,1,2-Tetrachloroethane
Concen: 54.615 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:131 Resp: 75407

Ion	Ratio	Lower	Upper
131	100		
133	93.5	47.3	141.8
119	64.0	31.6	95.0

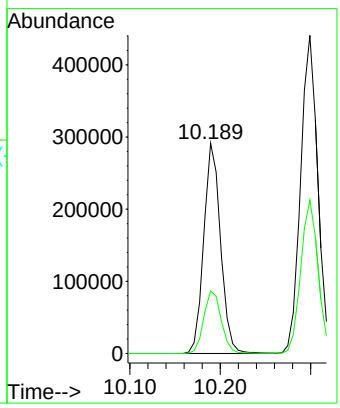




#67
Ethyl Benzene
Concen: 50.731 ug/l
RT: 10.189 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 91 Resp: 376573

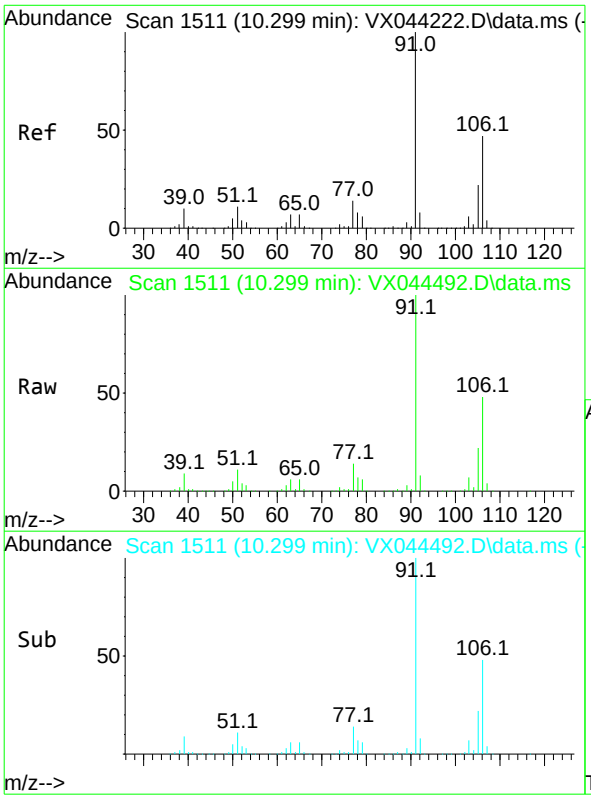
Ion	Ratio	Lower	Upper
91	100		
106	29.7	23.5	35.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

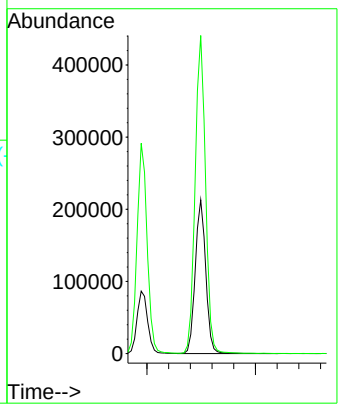
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

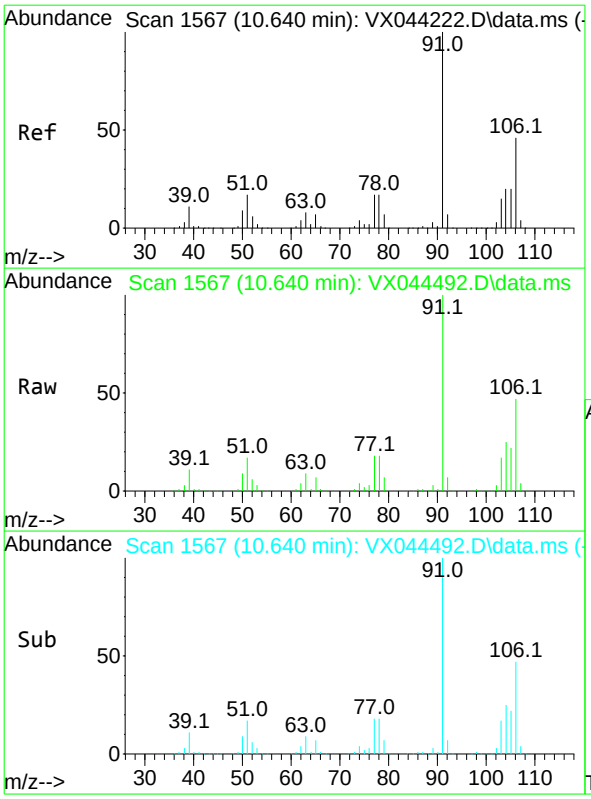


#68
m/p-Xylenes
Concen: 105.040 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:106 Resp: 286106

Ion	Ratio	Lower	Upper
106	100		
91	203.9	170.2	255.2

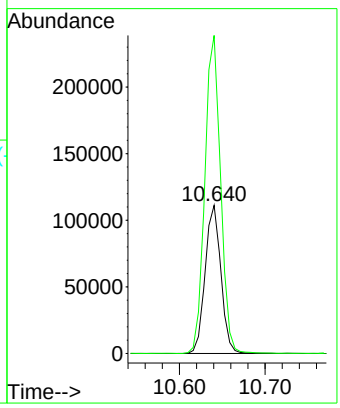




#69
o-Xylene
Concen: 51.527 ug/l
RT: 10.640 min Scan# 15
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:106 Resp: 142004

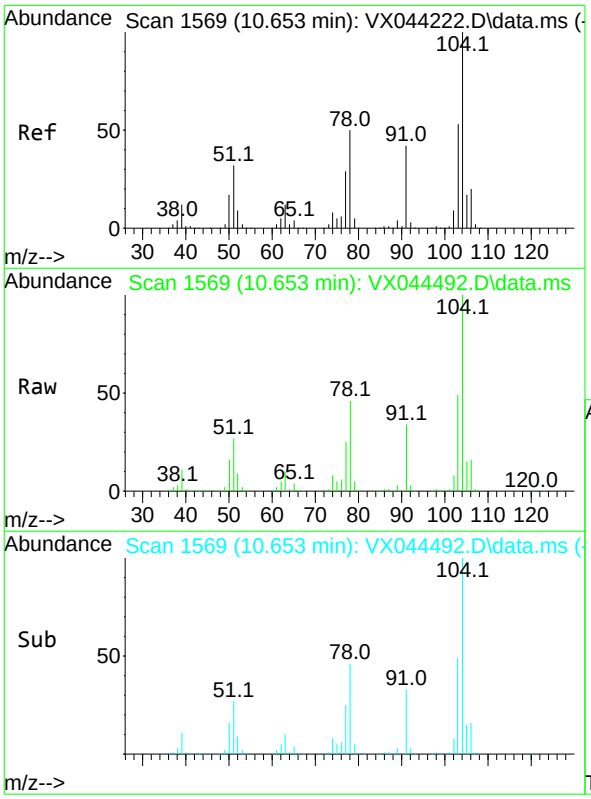
Ion	Ratio	Lower	Upper
106	100		
91	215.0	112.3	337.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

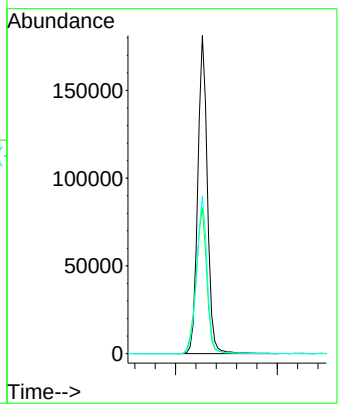
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

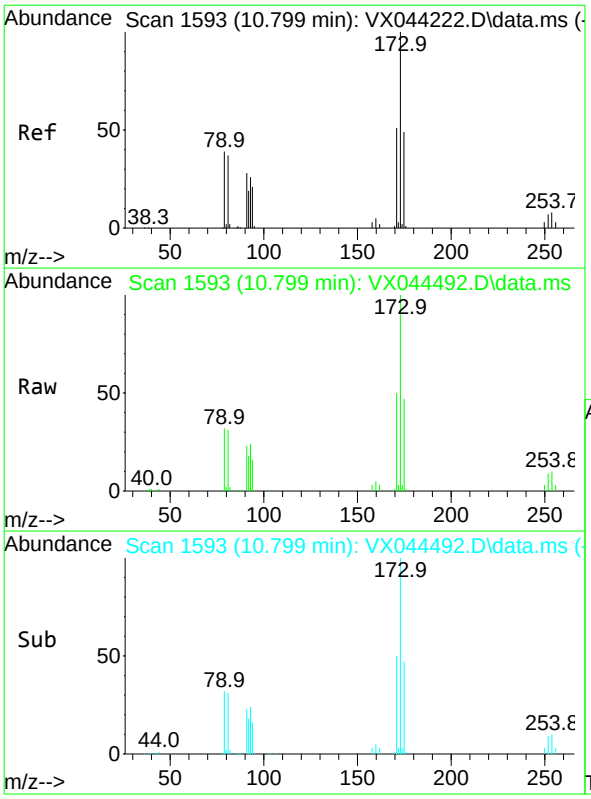


#70
Styrene
Concen: 53.584 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:104 Resp: 236734

Ion	Ratio	Lower	Upper
104	100		
78	51.2	44.6	67.0
103	53.6	45.4	68.0

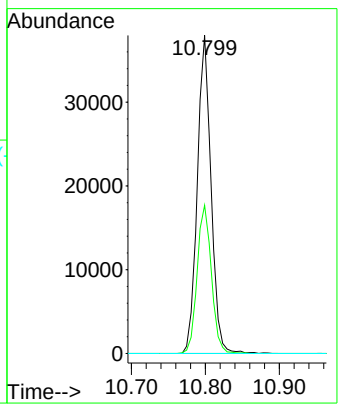




#71
Bromoform
Concen: 50.746 ug/l
RT: 10.799 min Scan# 15
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:173 Resp: 49054

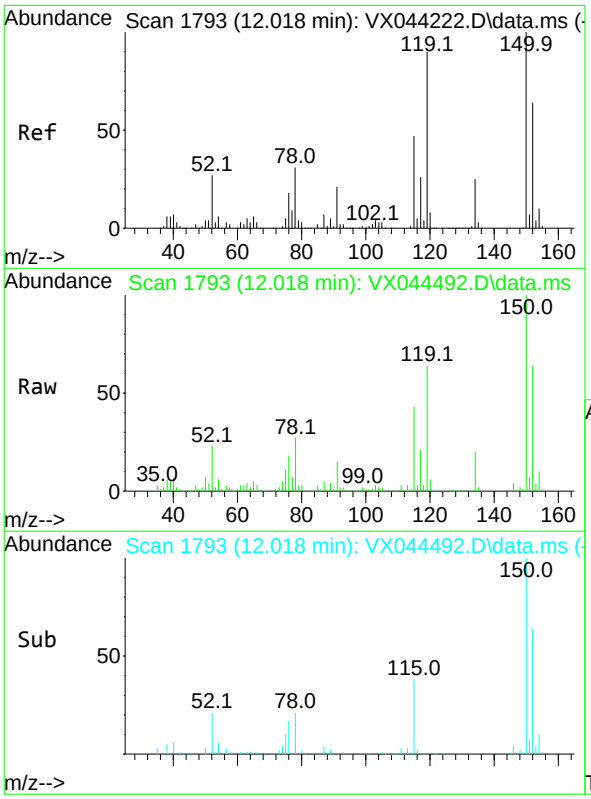
Ion	Ratio	Lower	Upper
173	100		
175	48.3	23.8	71.4
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

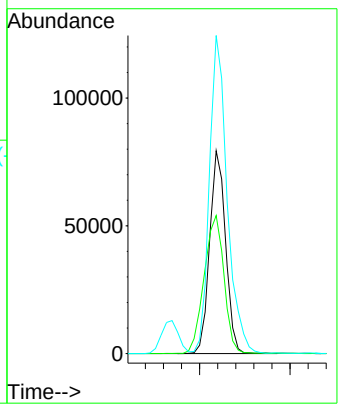
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

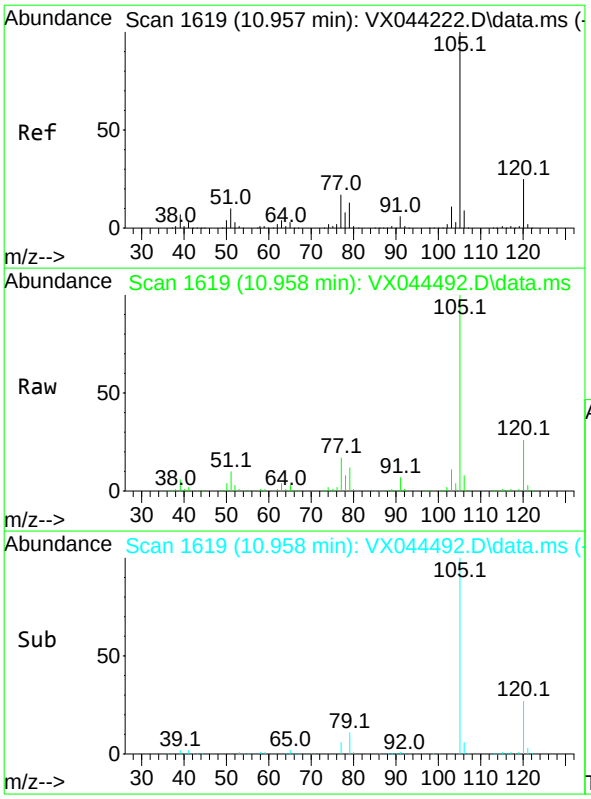


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:152 Resp: 97321

Ion	Ratio	Lower	Upper
152	100		
115	84.8	44.5	133.3
150	174.1	0.0	353.8

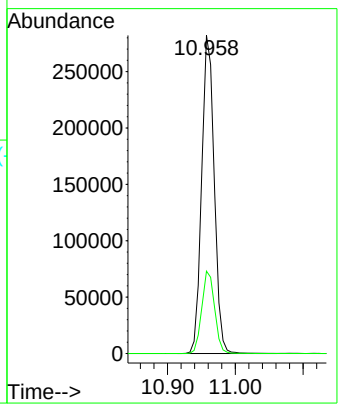




#73
Isopropylbenzene
Concen: 48.696 ug/l
RT: 10.958 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:105 Resp: 362803

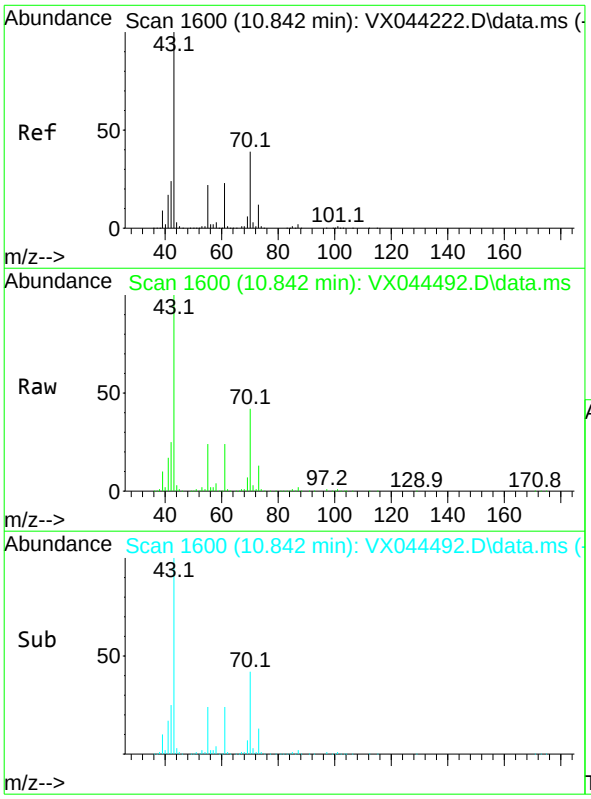
Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.1	39.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

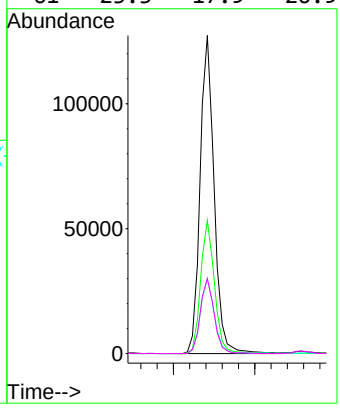
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

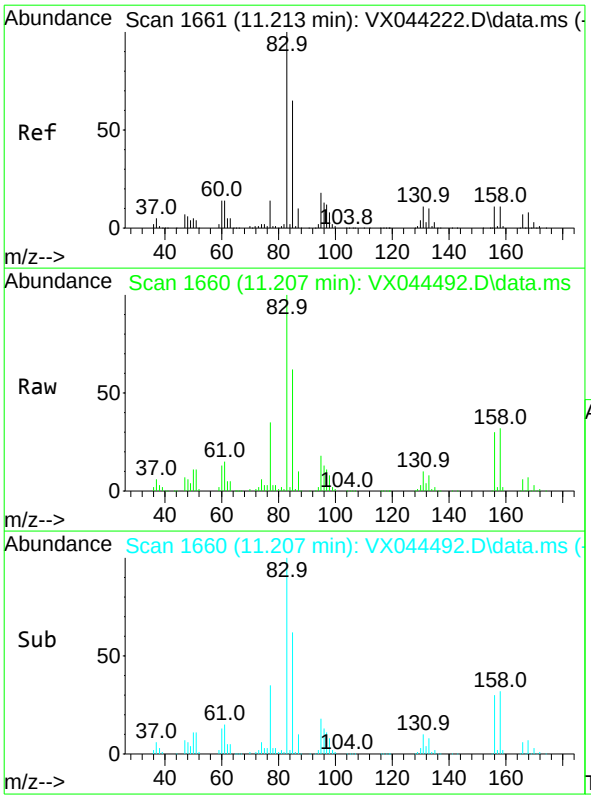


#74
N-amyl acetate
Concen: 44.229 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 43 Resp: 152291

Ion	Ratio	Lower	Upper
43	100		
70	41.4	31.9	47.9
55	23.5	17.9	26.9
61	23.3	17.9	26.9

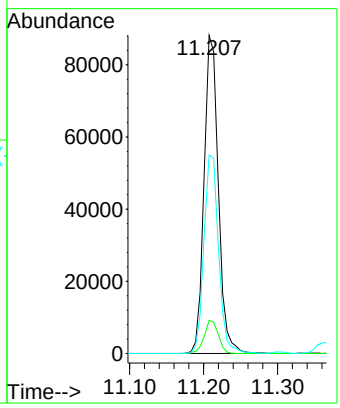




#75
1,1,2,2-Tetrachloroethane
Concen: 45.716 ug/l
RT: 11.207 min Scan# 16
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 83 Resp: 118300

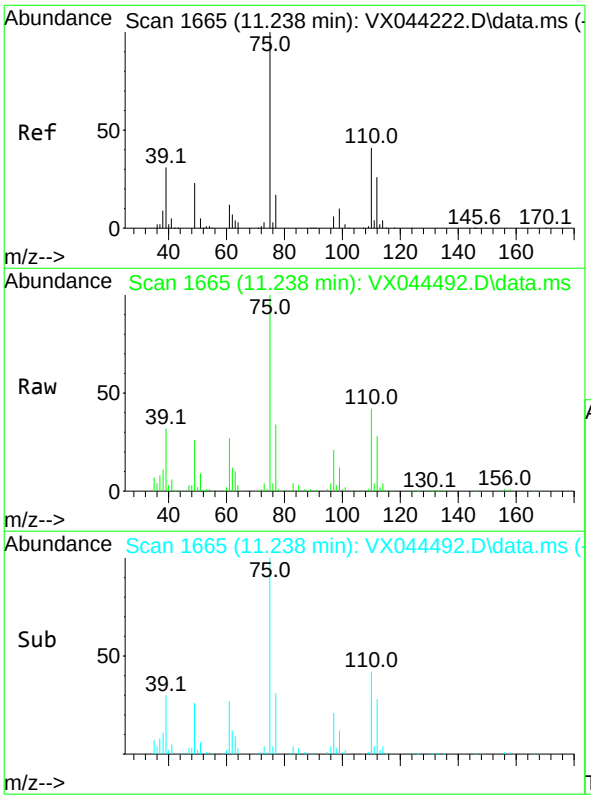
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.1	15.4
85	64.2	32.5	97.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

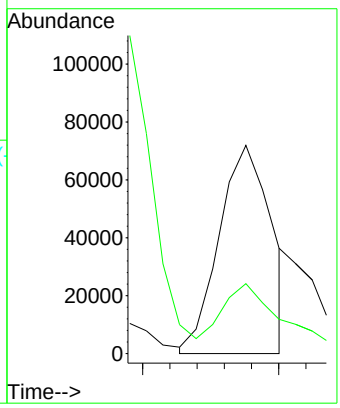
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

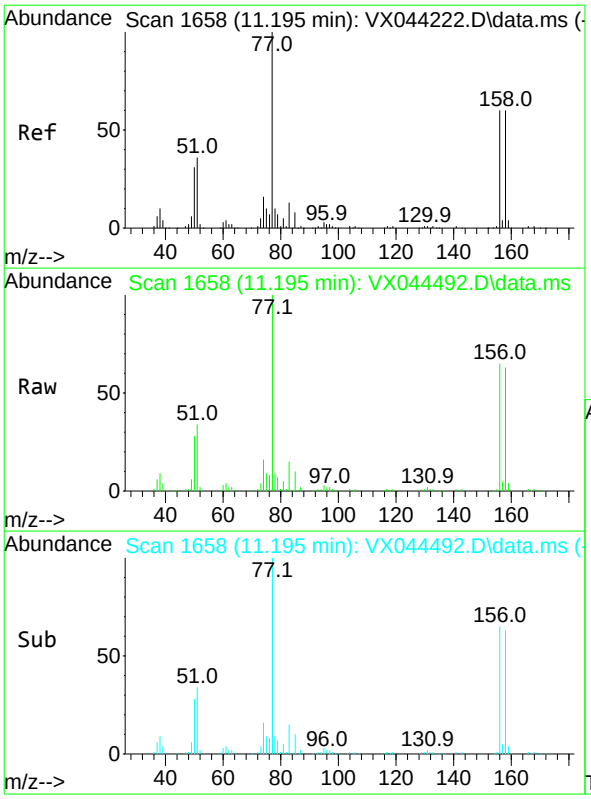


#76
1,2,3-Trichloropropane
Concen: 44.099 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 75 Resp: 95824

Ion	Ratio	Lower	Upper
75	100		
77	40.5	20.9	62.7

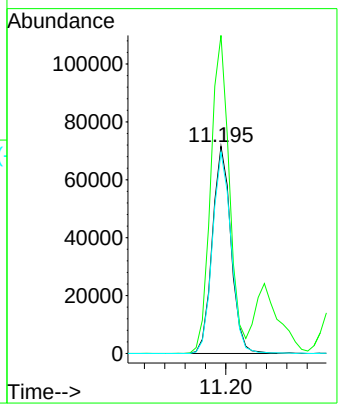




#77
Bromobenzene
Concen: 50.455 ug/l
RT: 11.195 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:156 Resp: 91156

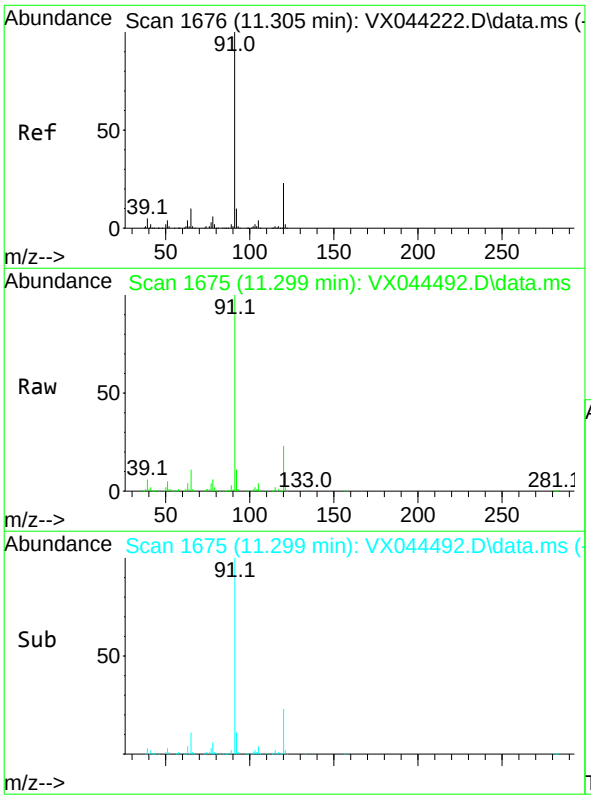
Ion	Ratio	Lower	Upper
156	100		
77	153.3	82.6	247.8
158	97.5	48.8	146.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

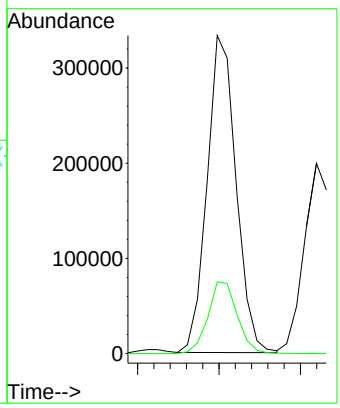
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

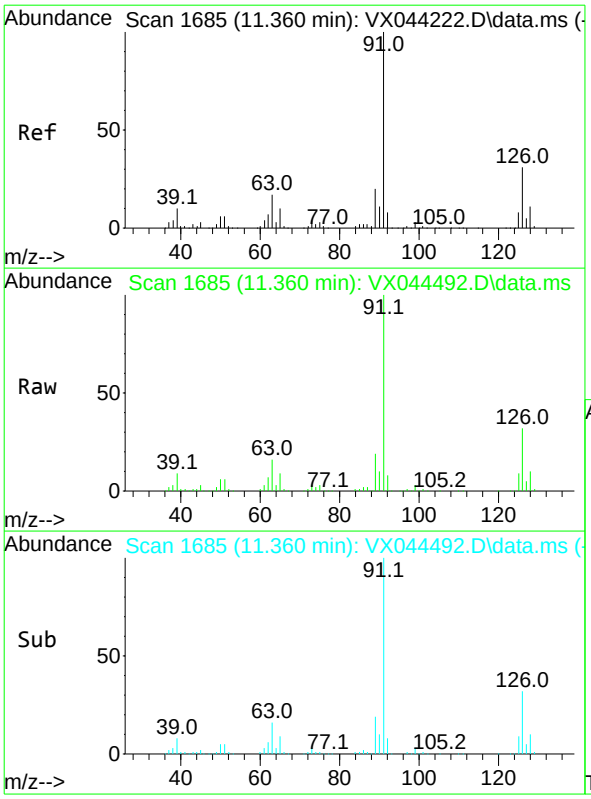


#78
n-propylbenzene
Concen: 50.048 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 91 Resp: 412127

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.0	33.0

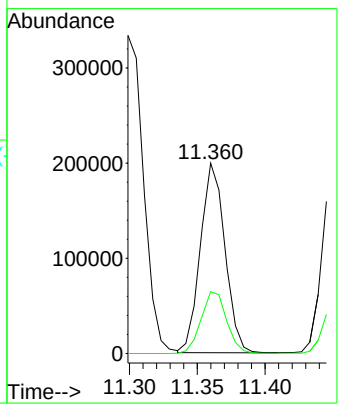




#79
2-Chlorotoluene
Concen: 47.209 ug/l
RT: 11.360 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 91 Resp: 251412

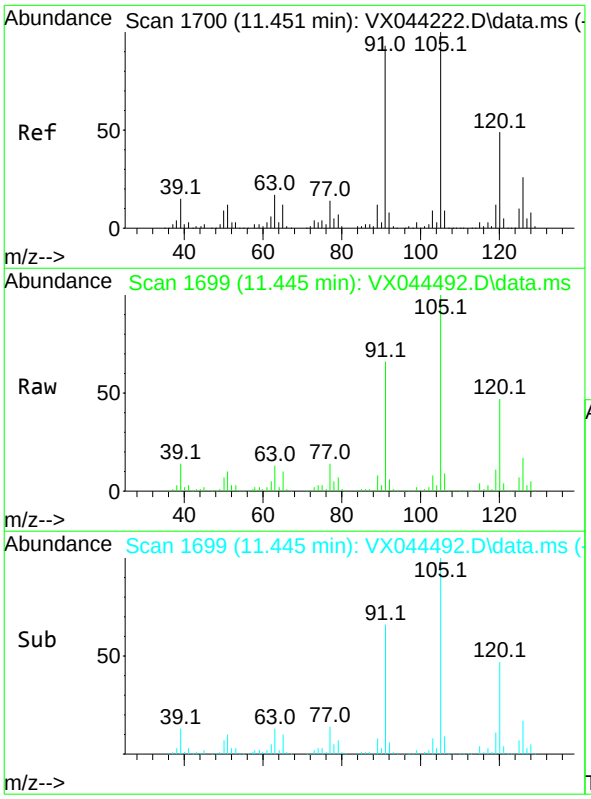
Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

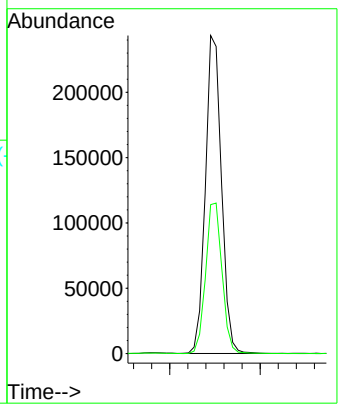
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

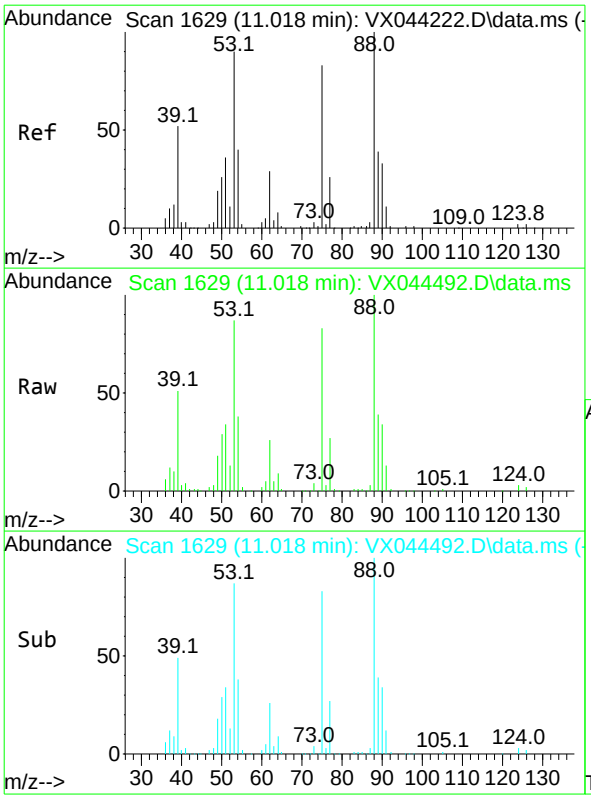


#80
1,3,5-Trimethylbenzene
Concen: 48.618 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:105 Resp: 300384

Ion	Ratio	Lower	Upper
105	100		
120	48.4	23.8	71.4

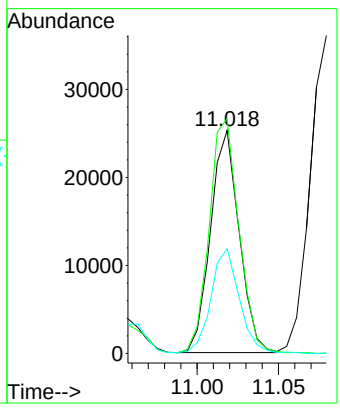




#81
trans-1,4-Dichloro-2-butene
Concen: 41.730 ug/l
RT: 11.018 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 75 Resp: 30857

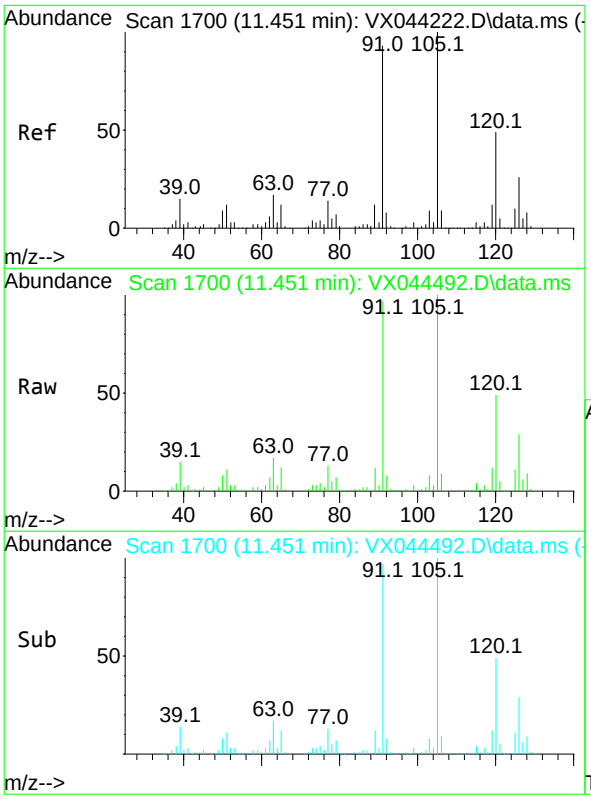
Ion	Ratio	Lower	Upper
75	100		
53	110.0	93.6	140.4
89	47.2	37.3	55.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

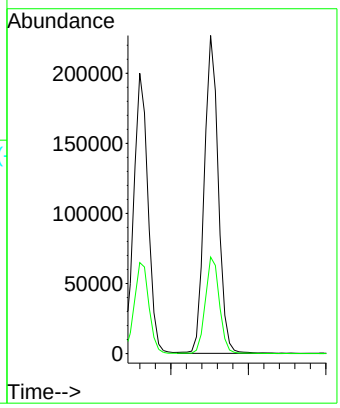
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

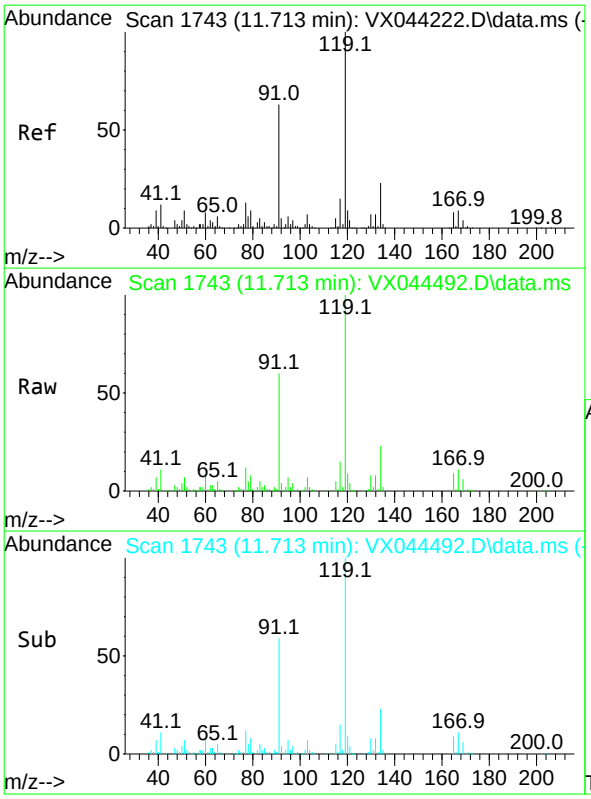


#82
4-Chlorotoluene
Concen: 48.094 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 91 Resp: 283625

Ion	Ratio	Lower	Upper
91	100		
126	30.7	14.5	43.5

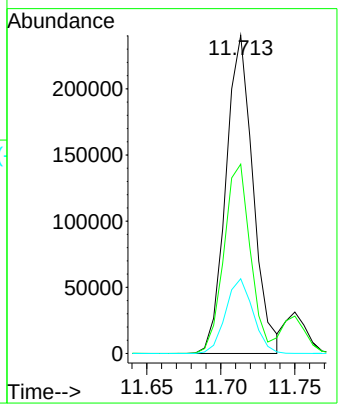




#83
tert-Butylbenzene
Concen: 50.203 ug/l
RT: 11.713 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:119 Resp: 306541

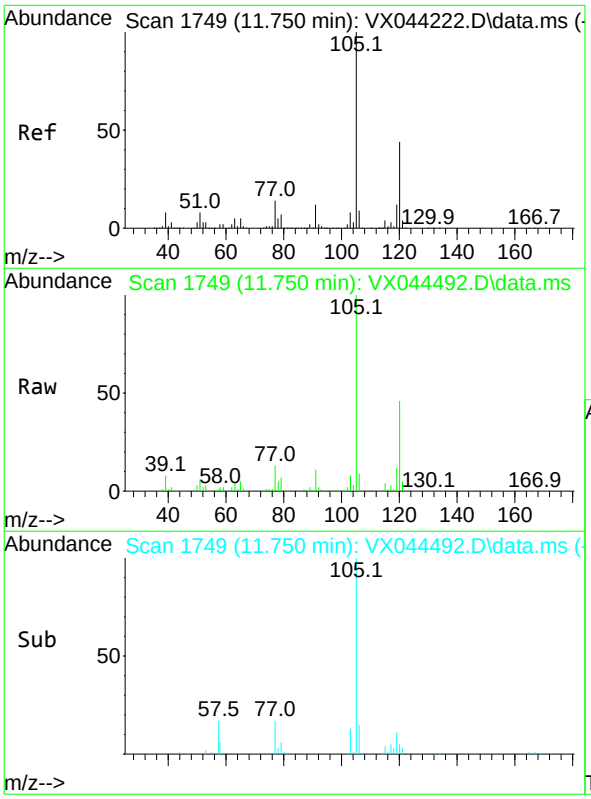
Ion	Ratio	Lower	Upper
119	100		
91	58.2	30.9	92.5
134	23.8	11.5	34.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

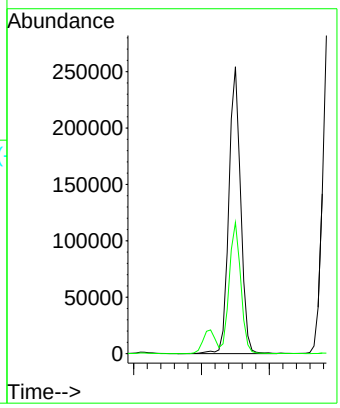
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

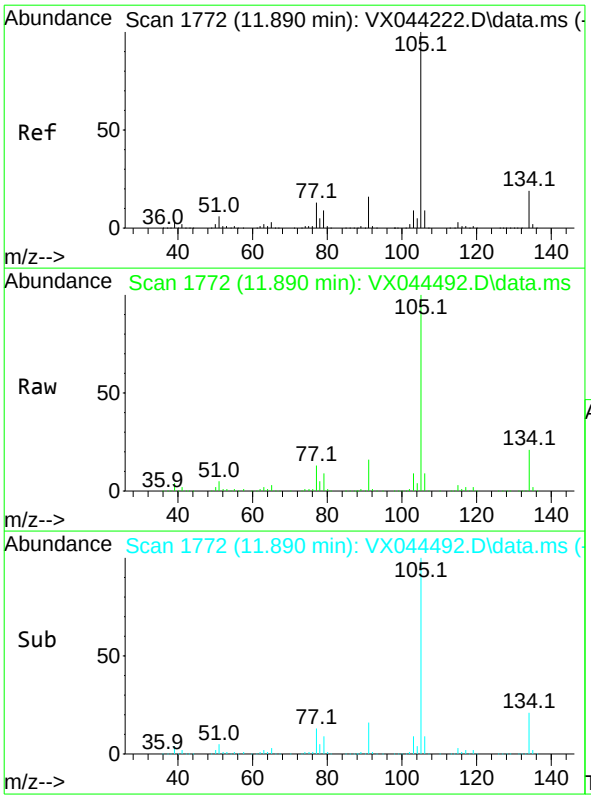


#84
1,2,4-Trimethylbenzene
Concen: 50.368 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:105 Resp: 305617

Ion	Ratio	Lower	Upper
105	100		
120	45.0	21.7	65.1

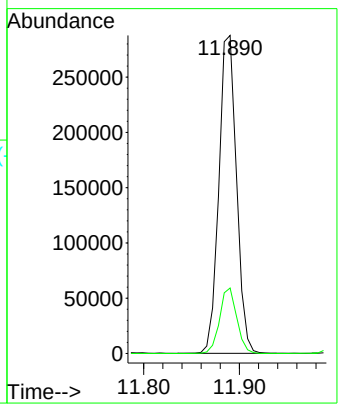




#85
sec-Butylbenzene
Concen: 49.579 ug/l
RT: 11.890 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:105 Resp: 367512

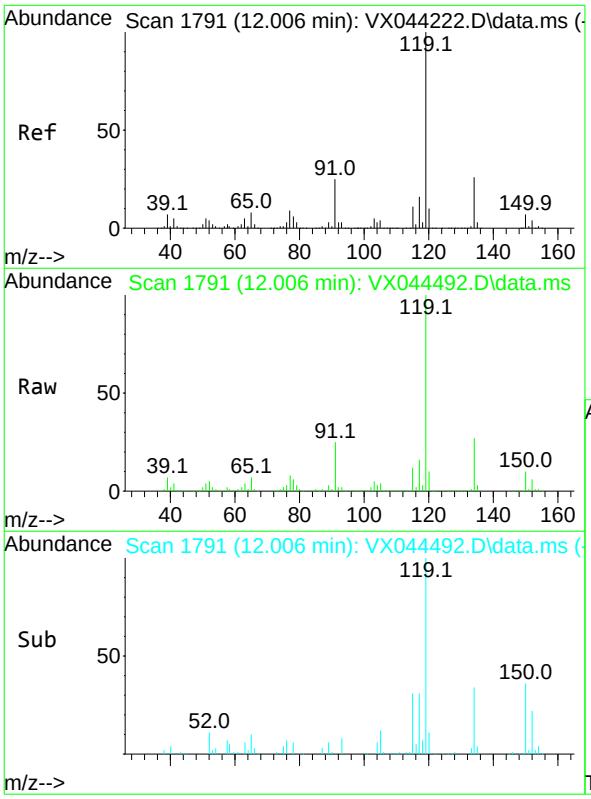
Ion	Ratio	Lower	Upper
105	100		
134	20.1	9.8	29.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

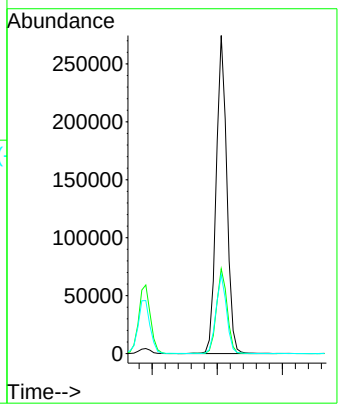
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

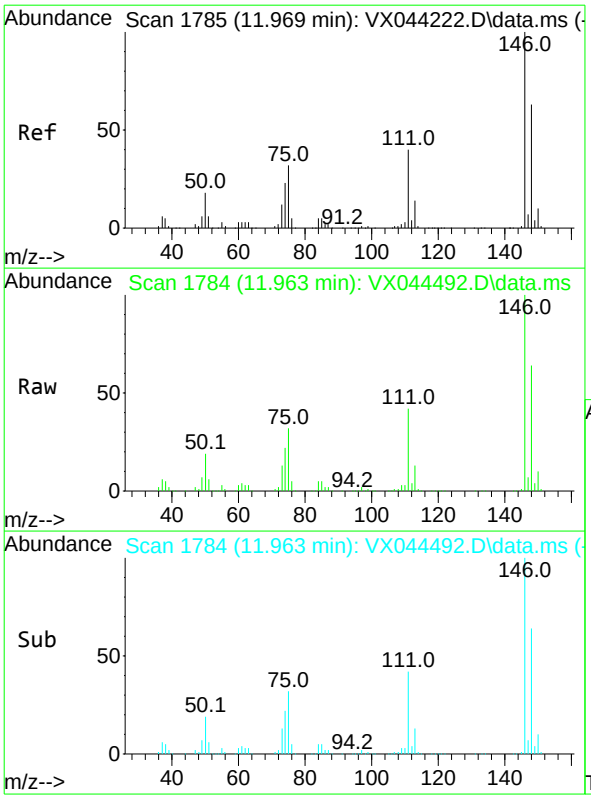


#86
p-Isopropyltoluene
Concen: 50.162 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:119 Resp: 309480

Ion	Ratio	Lower	Upper
119	100		
134	26.7	12.8	38.4
91	24.7	13.0	39.0

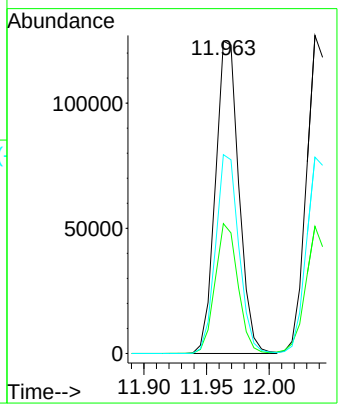




#87
1,3-Dichlorobenzene
Concen: 51.562 ug/l
RT: 11.963 min Scan# 17
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:146 Resp: 162721

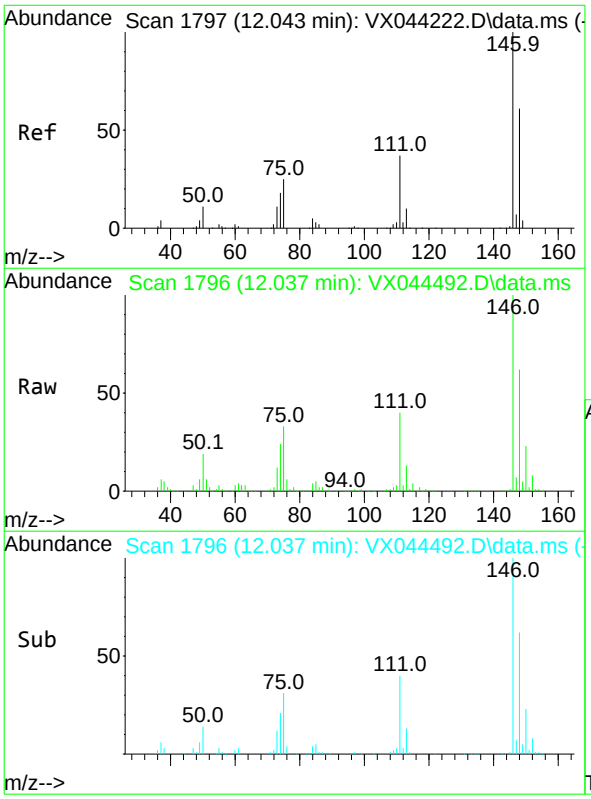
Ion	Ratio	Lower	Upper
146	100		
111	40.6	21.4	64.2
148	63.1	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

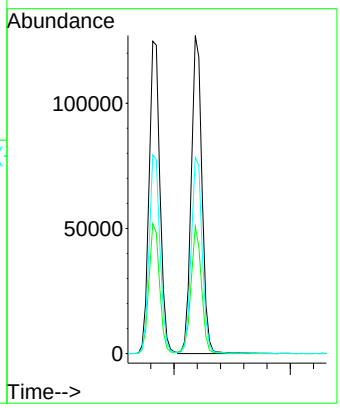
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

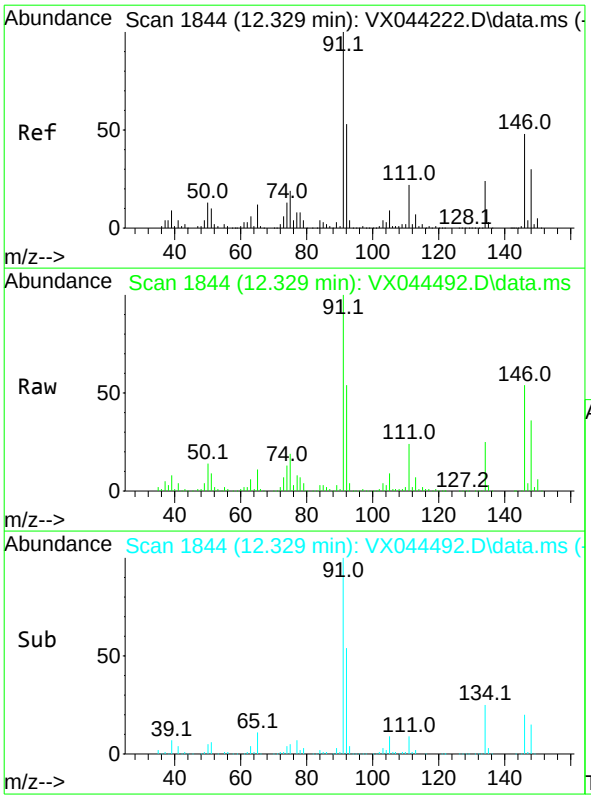


#88
1,4-Dichlorobenzene
Concen: 50.314 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:146 Resp: 163225

Ion	Ratio	Lower	Upper
146	100		
111	39.0	21.0	63.0
148	62.6	32.3	96.8

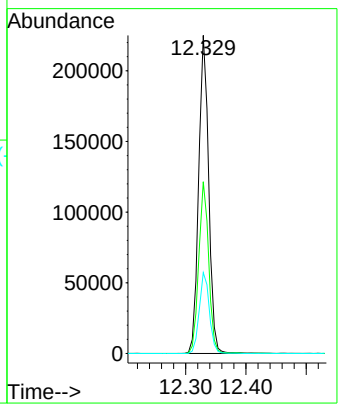




#89
n-Butylbenzene
Concen: 50.094 ug/l
RT: 12.329 min Scan# 18
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 91 Resp: 259880

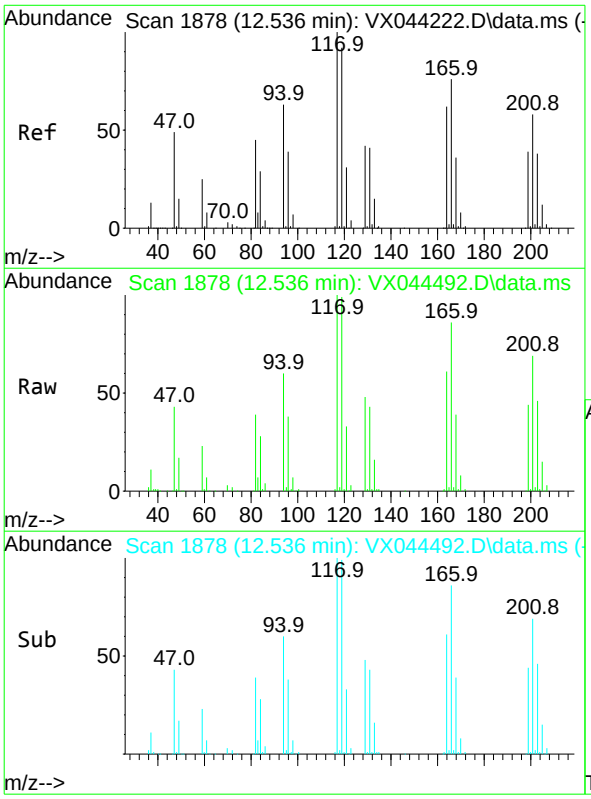
Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.6	79.7
134	25.7	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

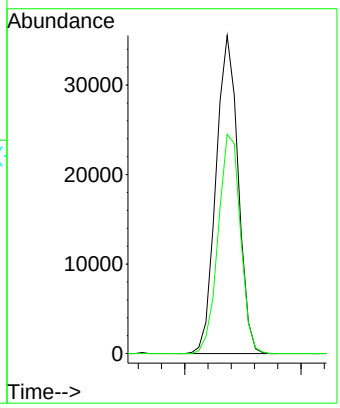
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

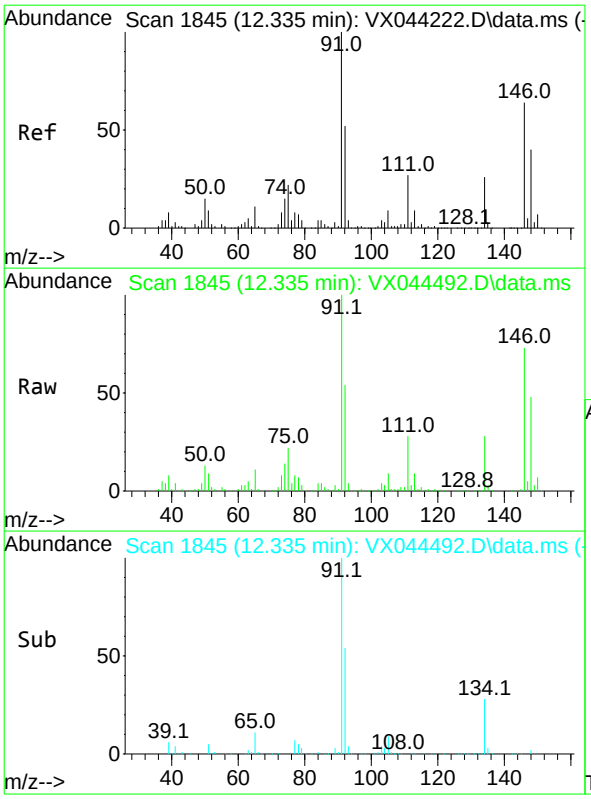


#90
Hexachloroethane
Concen: 52.126 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:117 Resp: 46945

Ion	Ratio	Lower	Upper
117	100		
201	69.5	31.4	94.2

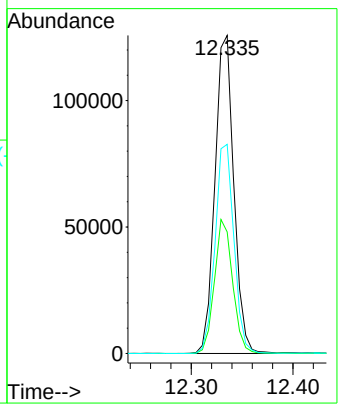




#91
1,2-Dichlorobenzene
Concen: 49.511 ug/l
RT: 12.335 min Scan# 18
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:146 Resp: 162236

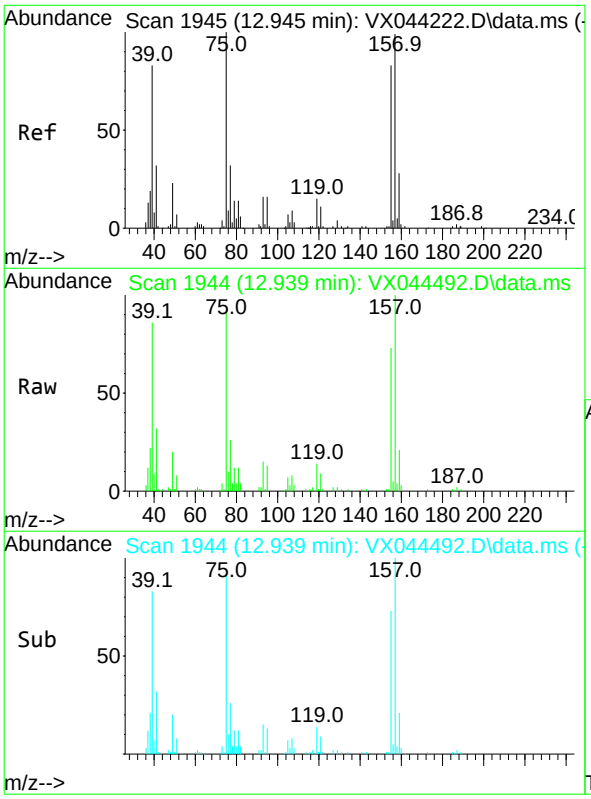
Ion	Ratio	Lower	Upper
146	100		
111	40.7	21.4	64.3
148	65.8	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

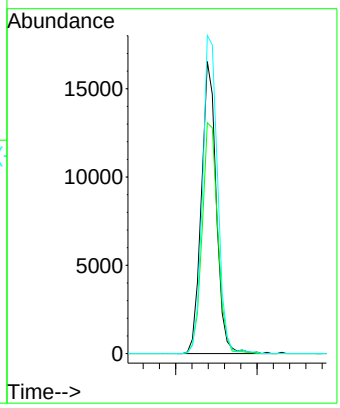
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

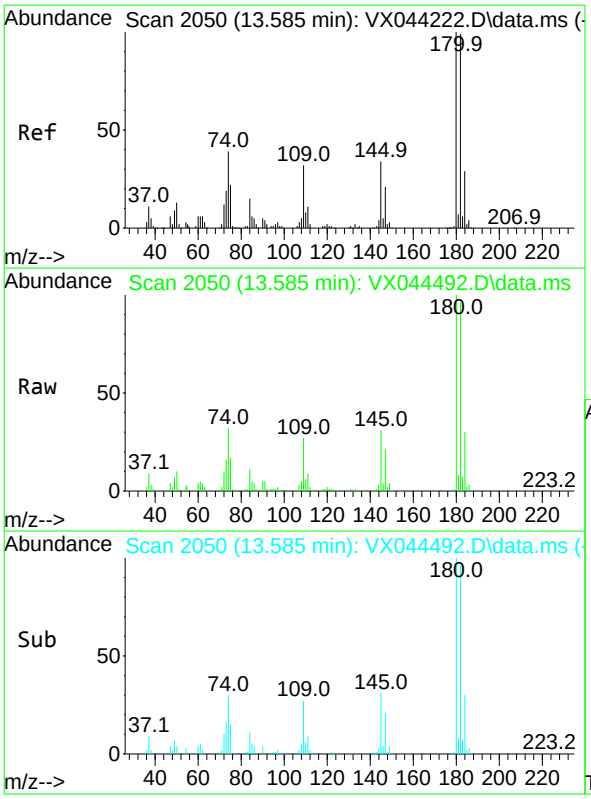


#92
1,2-Dibromo-3-Chloropropane
Concen: 41.860 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 75 Resp: 21028

Ion	Ratio	Lower	Upper
75	100		
155	82.7	38.1	114.3
157	110.0	47.2	141.6





#93
1,2,4-Trichlorobenzene
Concen: 54.137 ug/l
RT: 13.585 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

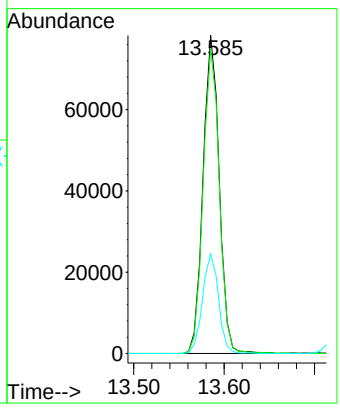
Tgt Ion:180 Resp: 97256

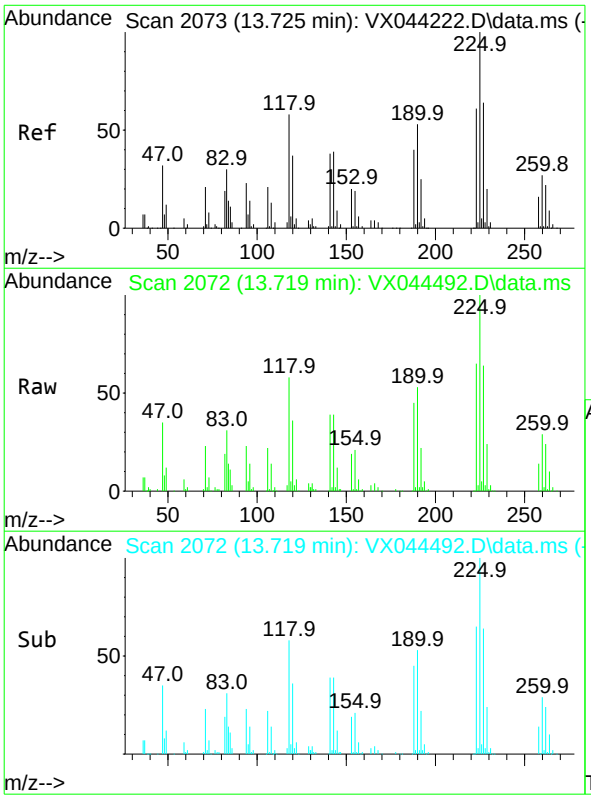
Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.0	144.2
145	31.0	16.6	49.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

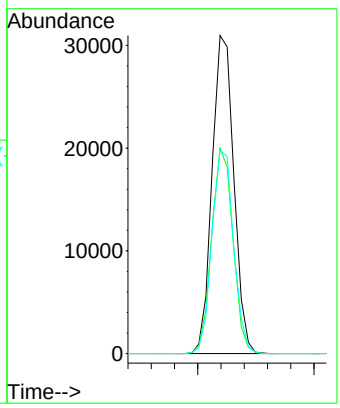


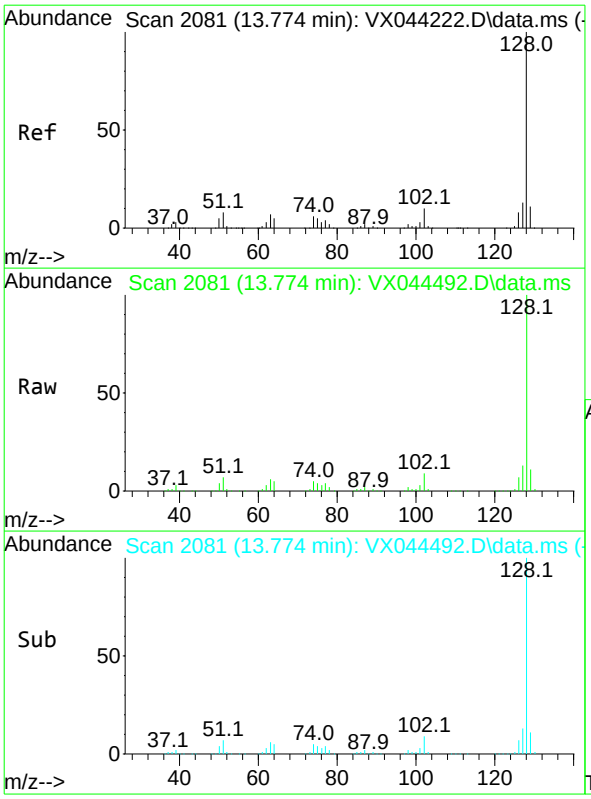


#94
Hexachlorobutadiene
Concen: 55.660 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:225 Resp: 40220

Ion	Ratio	Lower	Upper
225	100		
223	63.2	30.8	92.4
227	63.8	32.1	96.3

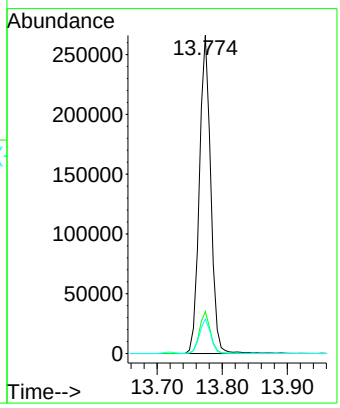




#95
Naphthalene
Concen: 45.897 ug/l
RT: 13.774 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:128 Resp: 321843

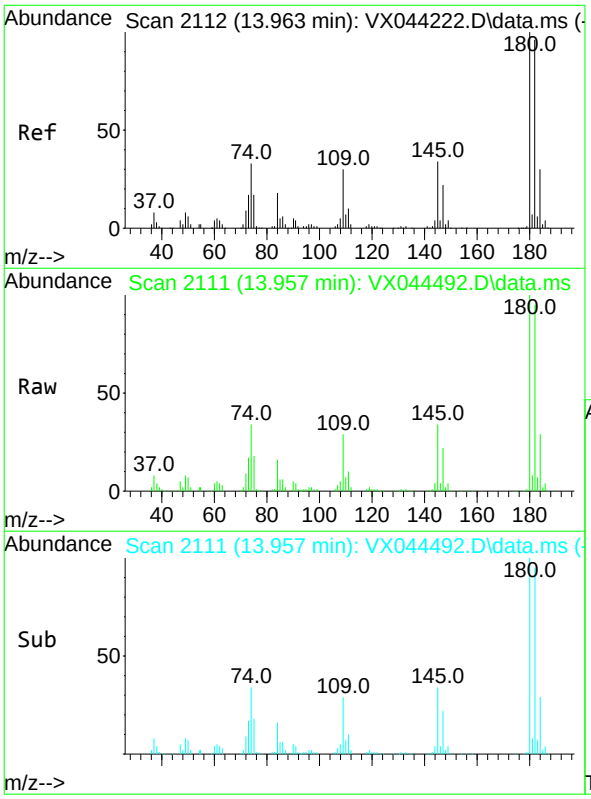
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	10.8	9.0	13.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

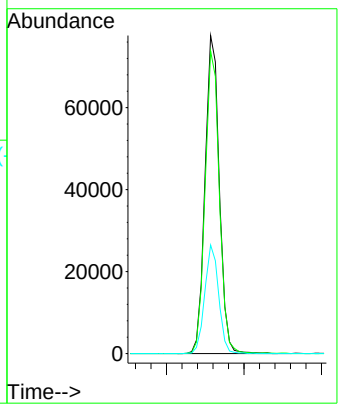
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#96
1,2,3-Trichlorobenzene
Concen: 52.126 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:180 Resp: 99323

Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.0	144.0
145	33.3	17.7	53.1



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044492.D
Acq On : 23 Dec 2024 19:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 23 22:16:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	113	0.00
2	T	Dichlorodifluoromethane	0.773	0.700	9.4	100	0.00
3	P	Chloromethane	0.739	0.678	8.3	101	0.00
4	C	Vinyl Chloride	0.770	0.689	10.5#	99	0.00
5	T	Bromomethane	0.546	0.468	14.3	96	0.00
6	T	Chloroethane	0.480	0.442	7.9	94	0.00
7	T	Trichlorofluoromethane	1.508	1.069	29.1#	78	0.00
8	T	Diethyl Ether	0.515	0.405	21.4	89	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.610	0.551	9.7	101	0.00
10	T	Methyl Iodide	0.804	0.806	-0.2	107	0.00
11	T	Tert butyl alcohol	0.124	0.099	20.2	93	0.00
12	CM	1,1-Dichloroethene	0.560	0.531	5.2#	101	0.00
13	T	Acrolein	0.179	0.130	27.4#	79	0.00
14	T	Allyl chloride	0.933	0.833	10.7	93	0.00
15	T	Acrylonitrile	0.342	0.282	17.5	89	0.00
16	T	Acetone	0.357	0.251	29.7#	74	-0.01
17	T	Carbon Disulfide	1.065	0.983	7.7	97	0.00
18	T	Methyl Acetate	0.922	0.733	20.5	87	0.00
19	T	Methyl tert-butyl Ether	2.187	1.845	15.6	90	0.00
20	T	Methylene Chloride	0.671	0.623	7.2	102	0.00
21	T	trans-1,2-Dichloroethene	0.596	0.544	8.7	99	0.00
22	T	Diisopropyl ether	2.102	1.825	13.2	95	0.00
23	T	Vinyl Acetate	1.709	1.527	10.6	90	0.00
24	P	1,1-Dichloroethane	1.172	1.059	9.6	96	0.00
25	T	2-Butanone	0.508	0.382	24.8	79	0.00
26	T	2,2-Dichloropropane	0.952	0.844	11.3	91	0.00
27	T	cis-1,2-Dichloroethene	0.756	0.679	10.2	99	0.00
28	T	Bromochloromethane	0.575	0.456	20.7	87	0.00
29	T	Tetrahydrofuran	0.326	0.245	24.8	82	0.00
30	C	Chloroform	1.316	1.143	13.1#	96	0.00
31	T	Cyclohexane	0.946	0.810	14.4	94	0.00
32	T	1,1,1-Trichloroethane	1.093	0.986	9.8	95	0.00
33	S	1,2-Dichloroethane-d4	0.877	0.643	26.7#	79	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35	S	Dibromofluoromethane	0.346	0.316	8.7	86	0.00
36	T	1,1-Dichloropropene	0.448	0.435	2.9	98	0.00
37	T	Ethyl Acetate	0.553	0.468	15.4	80	0.00
38	T	Carbon Tetrachloride	0.482	0.477	1.0	95	0.00
39	T	Methylcyclohexane	0.535	0.537	-0.4	97	0.00
40	TM	Benzene	1.359	1.392	-2.4	99	0.00
41	T	Methacrylonitrile	0.294	0.250	15.0	83	0.00
42	TM	1,2-Dichloroethane	0.560	0.534	4.6	91	0.00
43	T	Isopropyl Acetate	0.865	0.762	11.9	83	0.00
44	TM	Trichloroethene	0.339	0.355	-4.7	102	0.00
45	C	1,2-Dichloropropane	0.347	0.352	-1.4#	98	0.00
46	T	Dibromomethane	0.269	0.275	-2.2	96	0.00
47	T	Bromodichloromethane	0.465	0.489	-5.2	96	0.00
48	T	Methyl methacrylate	0.420	0.368	12.4	83	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044492.D
Acq On : 23 Dec 2024 19:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 23 22:16:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
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	0.007	0.007	0.0	91	0.00
50	S	Toluene-d8	1.168	1.039	11.0	83	0.00
51	T	4-Methyl-2-Pentanone	0.556	0.477	14.2	81	0.00
52	CM	Toluene	0.853	0.862	-1.1#	98	0.00
53	T	t-1,3-Dichloropropene	0.455	0.469	-3.1	91	0.00
54	T	cis-1,3-Dichloropropene	0.507	0.529	-4.3	93	0.00
55	T	1,1,2-Trichloroethane	0.339	0.347	-2.4	97	0.00
56	T	Ethyl methacrylate	0.535	0.508	5.0	88	0.00
57	T	1,3-Dichloropropane	0.590	0.578	2.0	94	0.00
58	T	2-Chloroethyl Vinyl ether	0.270	0.226	16.3	77	0.00
59	T	2-Hexanone	0.403	0.346	14.1	79	0.00
60	T	Dibromochloromethane	0.326	0.351	-7.7	95	0.00
61	T	1,2-Dibromoethane	0.345	0.357	-3.5	97	0.00
62	S	4-Bromofluorobenzene	0.408	0.358	12.3	81	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64	T	Tetrachloroethene	0.332	0.362	-9.0	110	0.00
65	PM	Chlorobenzene	1.071	1.103	-3.0	99	0.00
66	T	1,1,1,2-Tetrachloroethane	0.344	0.376	-9.3	98	0.00
67	C	Ethyl Benzene	1.851	1.878	-1.5#	95	0.00
68	T	m/p-Xylenes	0.679	0.714	-5.2	99	0.00
69	T	o-Xylene	0.687	0.708	-3.1	98	0.00
70	T	Styrene	1.102	1.181	-7.2	99	0.00
71	P	Bromoform	0.219	0.245	-11.9	97	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73	T	Isopropylbenzene	3.828	3.728	2.6	97	0.00
74	T	N-amyl acetate	1.769	1.565	11.5	83	0.00
75	P	1,1,2,2-Tetrachloroethane	1.329	1.216	8.5	93	0.00
76	T	1,2,3-Trichloropropane	1.116	0.985	11.7	90	0.00
77	T	Bromobenzene	0.928	0.937	-1.0	102	0.00
78	T	n-propylbenzene	4.231	4.235	-0.1	96	0.00
79	T	2-Chlorotoluene	2.736	2.583	5.6	95	0.00
80	T	1,3,5-Trimethylbenzene	3.174	3.087	2.7	95	0.00
81	T	trans-1,4-Dichloro-2-butene	0.347	0.317	8.6	88	0.00
82	T	4-Chlorotoluene	3.030	2.914	3.8	96	0.00
83	T	tert-Butylbenzene	3.137	3.150	-0.4	99	0.00
84	T	1,2,4-Trimethylbenzene	3.117	3.140	-0.7	98	0.00
85	T	sec-Butylbenzene	3.808	3.776	0.8	97	0.00
86	T	p-Isopropyltoluene	3.170	3.180	-0.3	97	0.00
87	T	1,3-Dichlorobenzene	1.621	1.672	-3.1	102	0.00
88	T	1,4-Dichlorobenzene	1.667	1.677	-0.6	102	0.00
89	T	n-Butylbenzene	2.665	2.670	-0.2	96	0.00
90	T	Hexachloroethane	0.463	0.482	-4.1	97	0.00
91	T	1,2-Dichlorobenzene	1.683	1.667	1.0	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.258	0.216	16.3	81	0.00
93	T	1,2,4-Trichlorobenzene	0.923	0.999	-8.2	104	0.00
94	T	Hexachlorobutadiene	0.371	0.413	-11.3	114	0.00
95	T	Naphthalene	3.603	3.307	8.2	88	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044492.D
Acq On : 23 Dec 2024 19:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 23 22:16:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.979	1.021	-4.3	102	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044492.D
Acq On : 23 Dec 2024 19:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 23 22:16:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	113	0.00
2	T	Dichlorodifluoromethane	50.000	45.252	9.5	100	0.00
3	P	Chloromethane	50.000	45.851	8.3	101	0.00
4	C	Vinyl Chloride	50.000	44.703	10.6#	99	0.00
5	T	Bromomethane	50.000	42.791	14.4	96	0.00
6	T	Chloroethane	50.000	46.048	7.9	94	0.00
7	T	Trichlorofluoromethane	50.000	35.446	29.1#	78	0.00
8	T	Diethyl Ether	50.000	39.343	21.3	89	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.146	9.7	101	0.00
10	T	Methyl Iodide	50.000	50.107	-0.2	107	0.00
11	T	Tert butyl alcohol	250.000	200.889	19.6	93	0.00
12	CM	1,1-Dichloroethene	50.000	47.404	5.2#	101	0.00
13	T	Acrolein	250.000	181.285	27.5#	79	0.00
14	T	Allyl chloride	50.000	44.605	10.8	93	0.00
15	T	Acrylonitrile	250.000	206.319	17.5	89	0.00
16	T	Acetone	250.000	175.552	29.8#	74	-0.01
17	T	Carbon Disulfide	50.000	46.135	7.7	97	0.00
18	T	Methyl Acetate	50.000	39.750	20.5	87	0.00
19	T	Methyl tert-butyl Ether	50.000	42.170	15.7	90	0.00
20	T	Methylene Chloride	50.000	46.423	7.2	102	0.00
21	T	trans-1,2-Dichloroethene	50.000	45.648	8.7	99	0.00
22	T	Diisopropyl ether	50.000	43.412	13.2	95	0.00
23	T	Vinyl Acetate	250.000	223.409	10.6	90	0.00
24	P	1,1-Dichloroethane	50.000	45.194	9.6	96	0.00
25	T	2-Butanone	250.000	188.131	24.7	79	0.00
26	T	2,2-Dichloropropane	50.000	44.358	11.3	91	0.00
27	T	cis-1,2-Dichloroethene	50.000	44.871	10.3	99	0.00
28	T	Bromochloromethane	50.000	39.671	20.7	87	0.00
29	T	Tetrahydrofuran	250.000	187.586	25.0	82	0.00
30	C	Chloroform	50.000	43.416	13.2#	96	0.00
31	T	Cyclohexane	50.000	42.794	14.4	94	0.00
32	T	1,1,1-Trichloroethane	50.000	45.118	9.8	95	0.00
33	S	1,2-Dichloroethane-d4	50.000	36.671	26.7#	79	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35	S	Dibromofluoromethane	50.000	45.677	8.6	86	0.00
36	T	1,1-Dichloropropene	50.000	48.625	2.8	98	0.00
37	T	Ethyl Acetate	50.000	42.249	15.5	80	0.00
38	T	Carbon Tetrachloride	50.000	49.513	1.0	95	0.00
39	T	Methylcyclohexane	50.000	50.139	-0.3	97	0.00
40	TM	Benzene	50.000	51.229	-2.5	99	0.00
41	T	Methacrylonitrile	50.000	42.511	15.0	83	0.00
42	TM	1,2-Dichloroethane	50.000	47.653	4.7	91	0.00
43	T	Isopropyl Acetate	50.000	44.034	11.9	83	0.00
44	TM	Trichloroethene	50.000	52.353	-4.7	102	0.00
45	C	1,2-Dichloropropane	50.000	50.659	-1.3#	98	0.00
46	T	Dibromomethane	50.000	50.998	-2.0	96	0.00
47	T	Bromodichloromethane	50.000	52.527	-5.1	96	0.00
48	T	Methyl methacrylate	50.000	43.837	12.3	83	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044492.D
Acq On : 23 Dec 2024 19:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 23 22:16:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
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	982.728	1.7	91	0.00
50	S	Toluene-d8	50.000	44.446	11.1	83	0.00
51	T	4-Methyl-2-Pentanone	250.000	214.305	14.3	81	0.00
52	CM	Toluene	50.000	50.524	-1.0#	98	0.00
53	T	t-1,3-Dichloropropene	50.000	47.186	5.6	91	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.242	-4.5	93	0.00
55	T	1,1,2-Trichloroethane	50.000	51.140	-2.3	97	0.00
56	T	Ethyl methacrylate	50.000	47.418	5.2	88	0.00
57	T	1,3-Dichloropropane	50.000	48.972	2.1	94	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	209.048	16.4	77	0.00
59	T	2-Hexanone	250.000	214.776	14.1	79	0.00
60	T	Dibromochloromethane	50.000	48.943	2.1	95	0.00
61	T	1,2-Dibromoethane	50.000	51.675	-3.3	97	0.00
62	S	4-Bromofluorobenzene	50.000	43.908	12.2	81	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64	T	Tetrachloroethene	50.000	54.558	-9.1	110	0.00
65	PM	Chlorobenzene	50.000	51.470	-2.9	99	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.615	-9.2	98	0.00
67	C	Ethyl Benzene	50.000	50.731	-1.5#	95	0.00
68	T	m/p-Xylenes	100.000	105.040	-5.0	99	0.00
69	T	o-Xylene	50.000	51.527	-3.1	98	0.00
70	T	Styrene	50.000	53.584	-7.2	99	0.00
71	P	Bromoform	50.000	50.746	-1.5	97	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73	T	Isopropylbenzene	50.000	48.696	2.6	97	0.00
74	T	N-amyl acetate	50.000	44.229	11.5	83	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	45.716	8.6	93	0.00
76	T	1,2,3-Trichloropropane	50.000	44.099	11.8	90	0.00
77	T	Bromobenzene	50.000	50.455	-0.9	102	0.00
78	T	n-propylbenzene	50.000	50.048	-0.1	96	0.00
79	T	2-Chlorotoluene	50.000	47.209	5.6	95	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.618	2.8	95	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	41.730	16.5	88	0.00
82	T	4-Chlorotoluene	50.000	48.094	3.8	96	0.00
83	T	tert-Butylbenzene	50.000	50.203	-0.4	99	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.368	-0.7	98	0.00
85	T	sec-Butylbenzene	50.000	49.579	0.8	97	0.00
86	T	p-Isopropyltoluene	50.000	50.162	-0.3	97	0.00
87	T	1,3-Dichlorobenzene	50.000	51.562	-3.1	102	0.00
88	T	1,4-Dichlorobenzene	50.000	50.314	-0.6	102	0.00
89	T	n-Butylbenzene	50.000	50.094	-0.2	96	0.00
90	T	Hexachloroethane	50.000	52.126	-4.3	97	0.00
91	T	1,2-Dichlorobenzene	50.000	49.511	1.0	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	41.860	16.3	81	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.137	-8.3	104	0.00
94	T	Hexachlorobutadiene	50.000	55.660	-11.3	114	0.00
95	T	Naphthalene	50.000	45.897	8.2	88	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044492.D
Acq On : 23 Dec 2024 19:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 23 22:16:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.126	-4.3	102	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

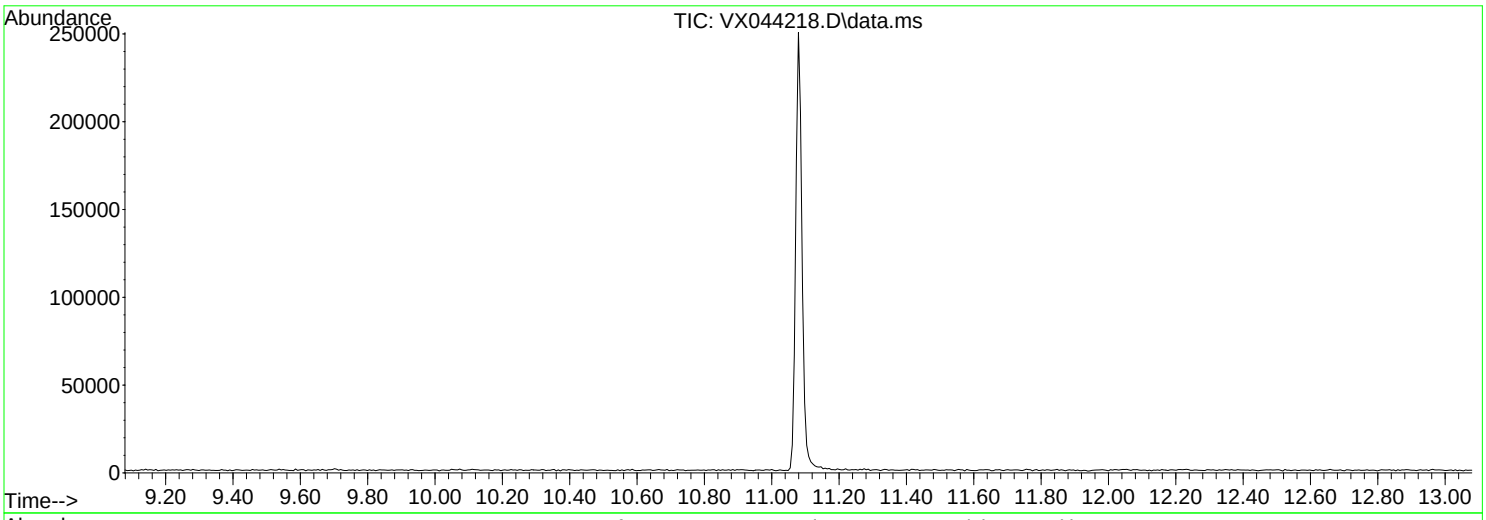
QC SAMPLE DATA

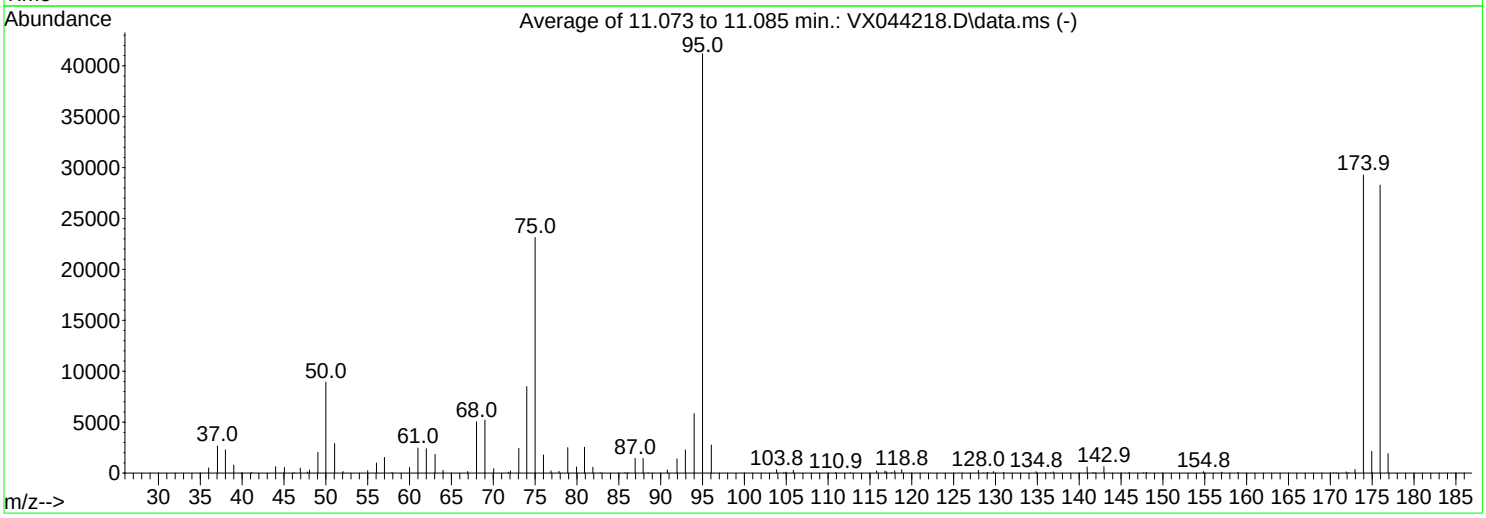
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044218.D
Acq On : 11 Dec 2024 10:13
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Title : SW846 8260
Last Update : Thu Dec 12 04:28:14 2024





AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1632

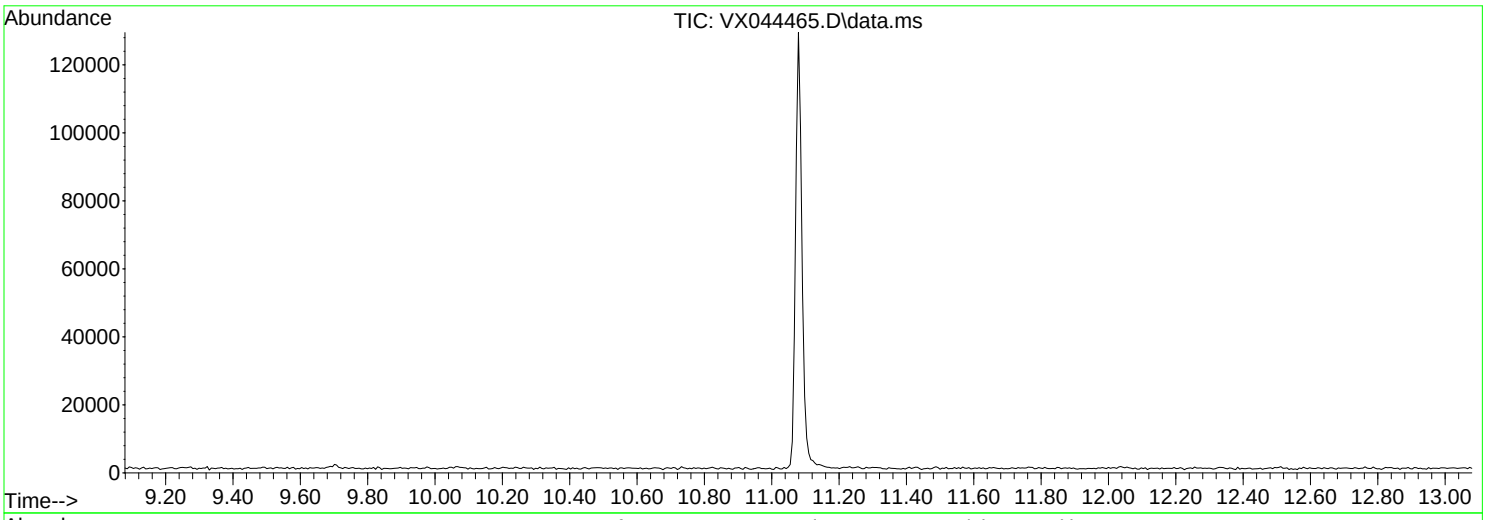
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.7	8939	PASS
75	95	30	60	56.2	23141	PASS
95	95	100	100	100.0	41184	PASS
96	95	5	9	6.7	2759	PASS
173	174	0.00	2	1.2	353	PASS
174	95	50	100	71.1	29272	PASS
175	174	5	9	7.3	2147	PASS
176	174	95	101	96.6	28285	PASS
177	176	5	9	6.8	1915	PASS

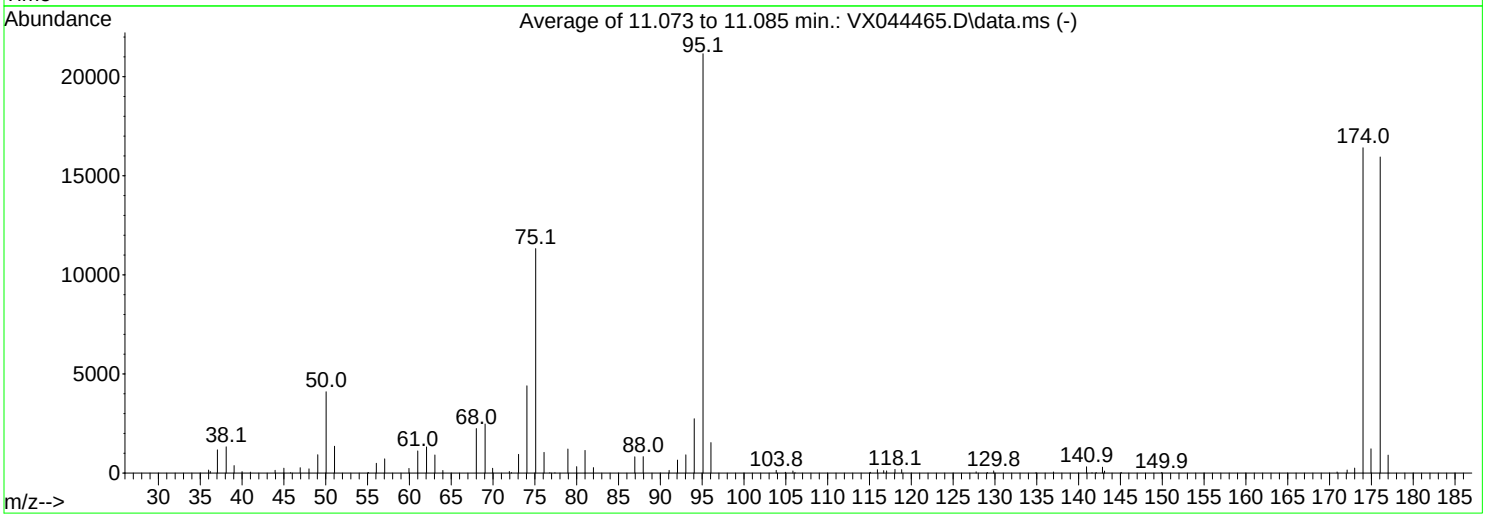
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044465.D
Acq On : 23 Dec 2024 08:19
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Title : SW846 8260
Last Update : Thu Dec 12 04:28:14 2024





AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1632

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.4	4103	PASS
75	95	30	60	53.5	11324	PASS
95	95	100	100	100.0	21157	PASS
96	95	5	9	7.3	1537	PASS
173	174	0.00	2	1.5	252	PASS
174	95	50	100	77.6	16412	PASS
175	174	5	9	7.5	1224	PASS
176	174	95	101	97.2	15947	PASS
177	176	5	9	5.7	905	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:	CTO WE13	Date Received:	
Client Sample ID:	VX1223WBL01	SDG No.:	P5374
Lab Sample ID:	VX1223WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044468.D	1		12/23/24 09:46	VX122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
74-87-3	Chloromethane	0.50	U	0.35	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.34	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	0.56	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.34	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	0.26	0.75	1.00	ug/L
67-64-1	Acetone	3.80	U	1.40	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.32	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.32	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.25	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
78-93-3	2-Butanone	2.50	U	1.30	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	0.25	0.75	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.26	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.19	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.19	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.16	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.24	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.32	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.19	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.24	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.75	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.18	0.50	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.21	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.18	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	1.10	2.50	5.00	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:	CTO WE13	Date Received:	
Client Sample ID:	VX1223WBL01	SDG No.:	P5374
Lab Sample ID:	VX1223WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044468.D	1		12/23/24 09:46	VX122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.25	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.13	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.16	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.31	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.14	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.16	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.21	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.13	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.27	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.24	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.27	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	41.8		81 - 118		84%	SPK: 50
1868-53-7	Dibromofluoromethane	46.7		80 - 119		93%	SPK: 50
2037-26-5	Toluene-d8	51.2		89 - 112		102%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.8		85 - 114		92%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	154000	5.544				
540-36-3	1,4-Difluorobenzene	275000	6.757				
3114-55-4	Chlorobenzene-d5	236000	10.049				
3855-82-1	1,4-Dichlorobenzene-d4	97800	12.018				

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\VX122324\
Data File : VX044468.D
Acq On : 23 Dec 2024 09:46
Operator : JC/MD
Sample : VX1223WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBL01

Quant Time: Dec 23 21:52:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

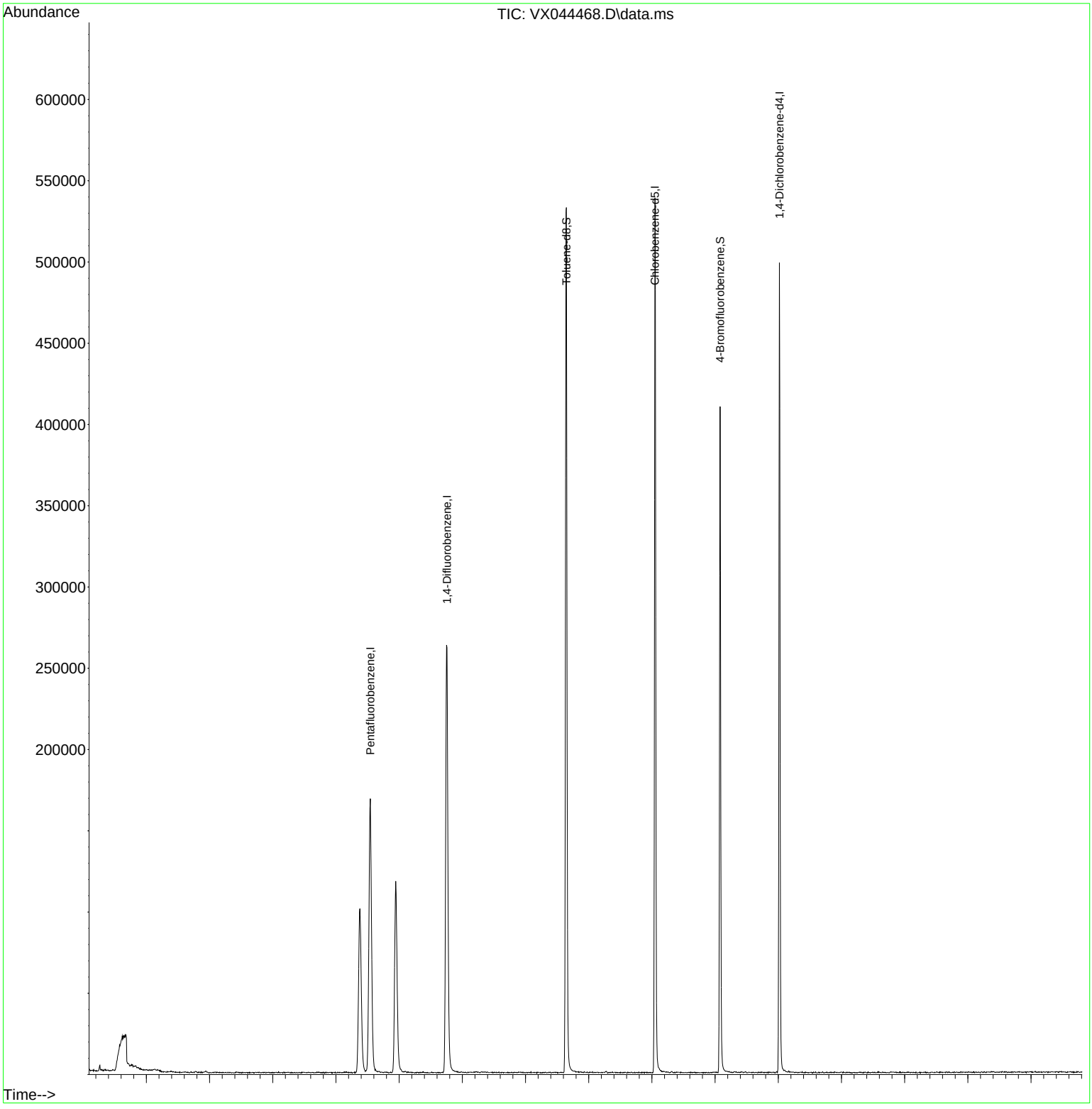
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	153955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	275095	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	235868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	97837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	112940	41.840	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 83.680%			
35) Dibromofluoromethane	5.379	113	88948	46.685	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.360%			
50) Toluene-d8	8.647	98	329117	51.201	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.400%			
62) 4-Bromofluorobenzene	11.079	95	102939	45.831	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 91.660%			
Target Compounds						Qvalue

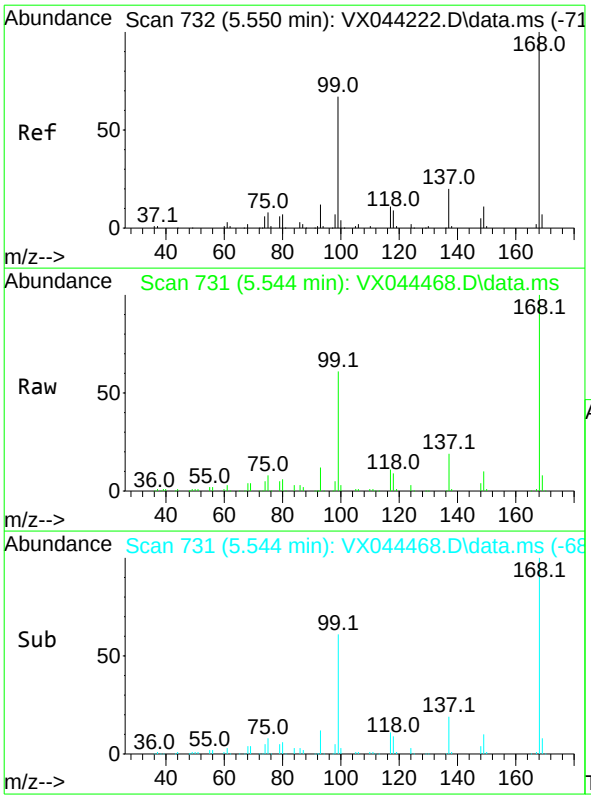
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044468.D
Acq On : 23 Dec 2024 09:46
Operator : JC/MD
Sample : VX1223WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBL01

Quant Time: Dec 23 21:52:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



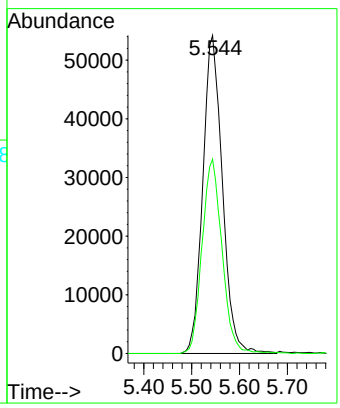


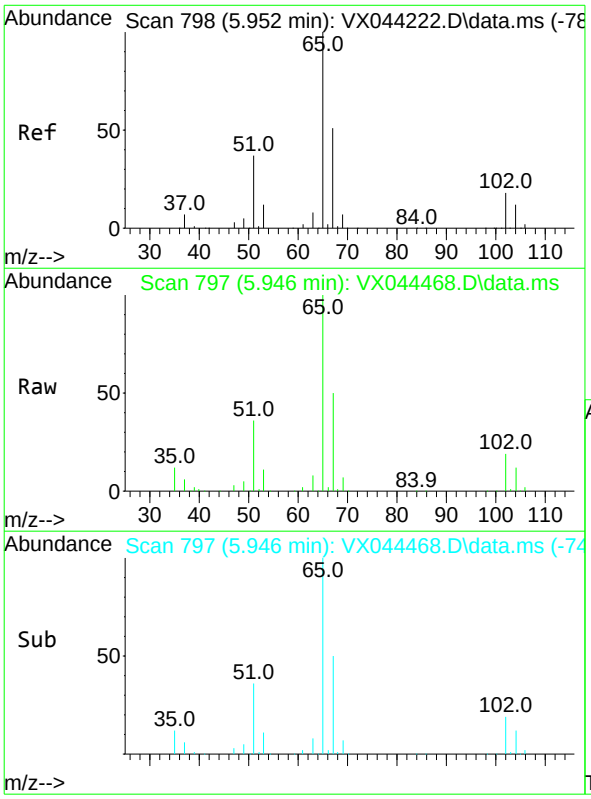
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
Lab File: VX044468.D
Acq: 23 Dec 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBL01

Tgt Ion:168 Resp: 153955

Ion	Ratio	Lower	Upper
168	100		
99	61.1	53.4	80.0

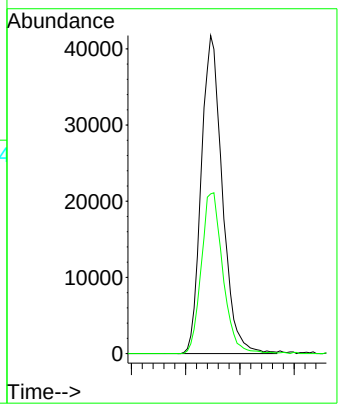


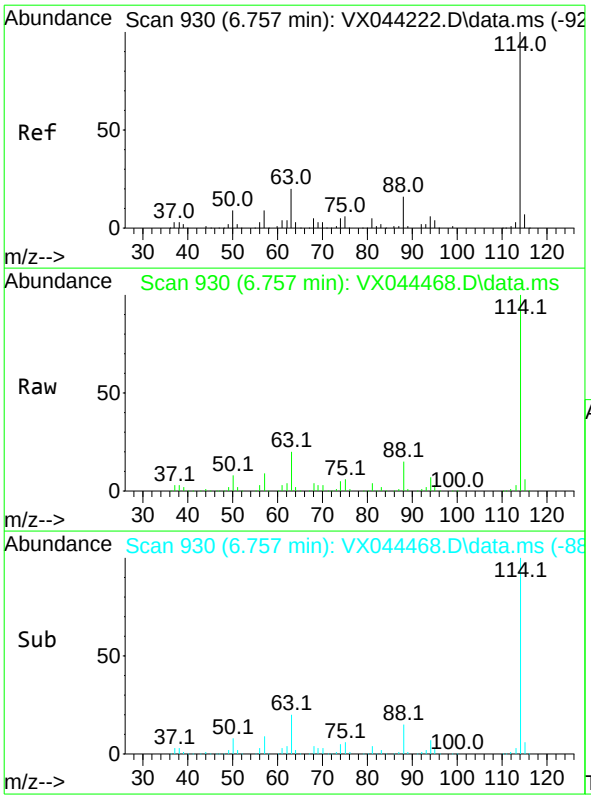


#33
1,2-Dichloroethane-d4
Concen: 41.840 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX044468.D
Acq: 23 Dec 2024 09:46

Tgt Ion: 65 Resp: 112940

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	101.6



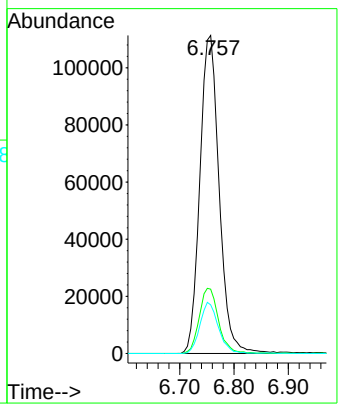


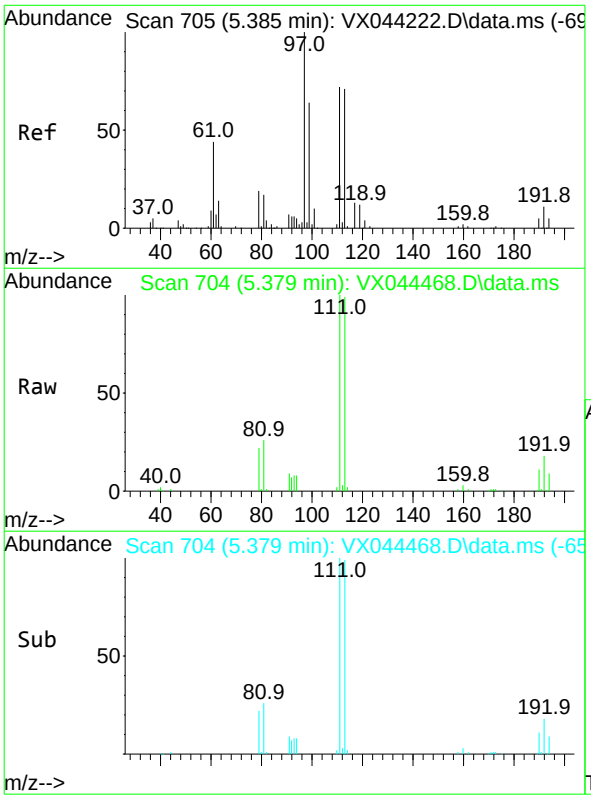
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 93
Delta R.T. -0.000 min
Lab File: VX044468.D
Acq: 23 Dec 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBL01

Tgt Ion:114 Resp: 275095

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.6
88	15.3	0.0	31.8

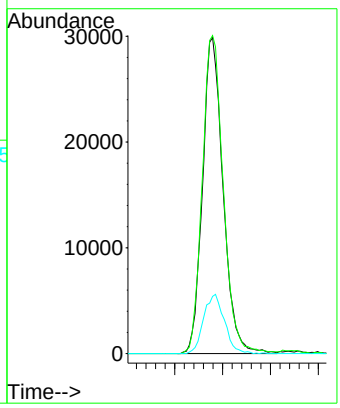


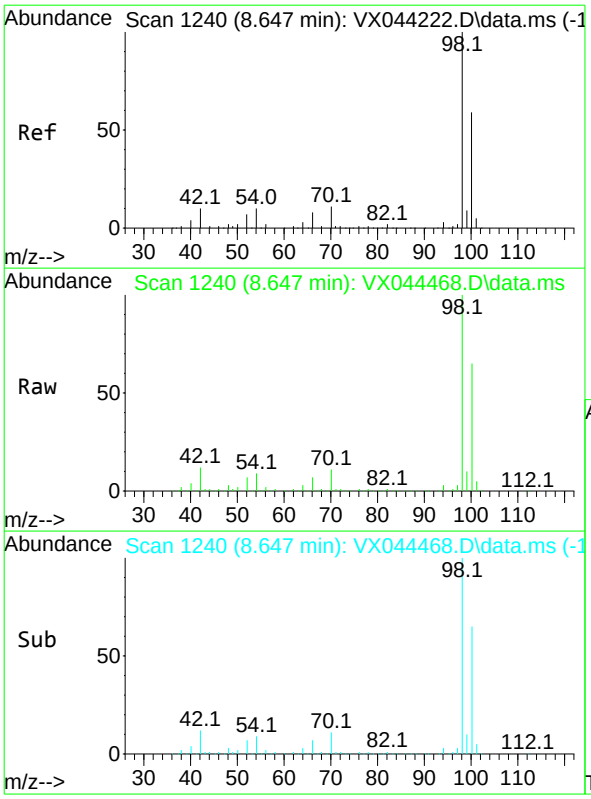


#35
Dibromofluoromethane
Concen: 46.685 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044468.D
Acq: 23 Dec 2024 09:46

Tgt Ion:113 Resp: 88948

Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.4	120.6
192	19.0	13.3	19.9



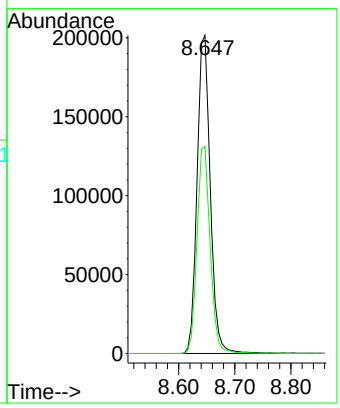


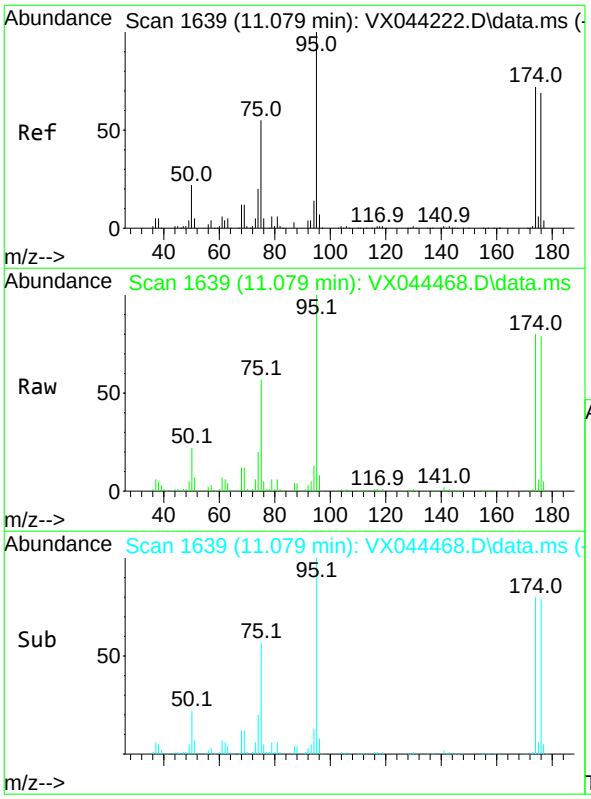
#50
Toluene-d8
Concen: 51.201 ug/l
RT: 8.647 min Scan# 12
Delta R.T. -0.000 min
Lab File: VX044468.D
Acq: 23 Dec 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBL01

Tgt Ion: 98 Resp: 329117

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.5	77.3

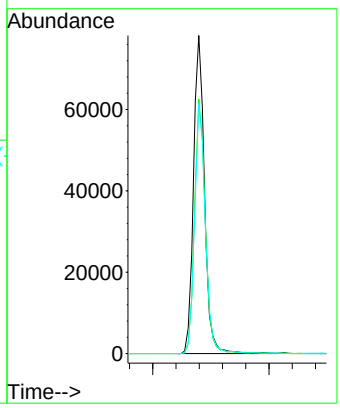


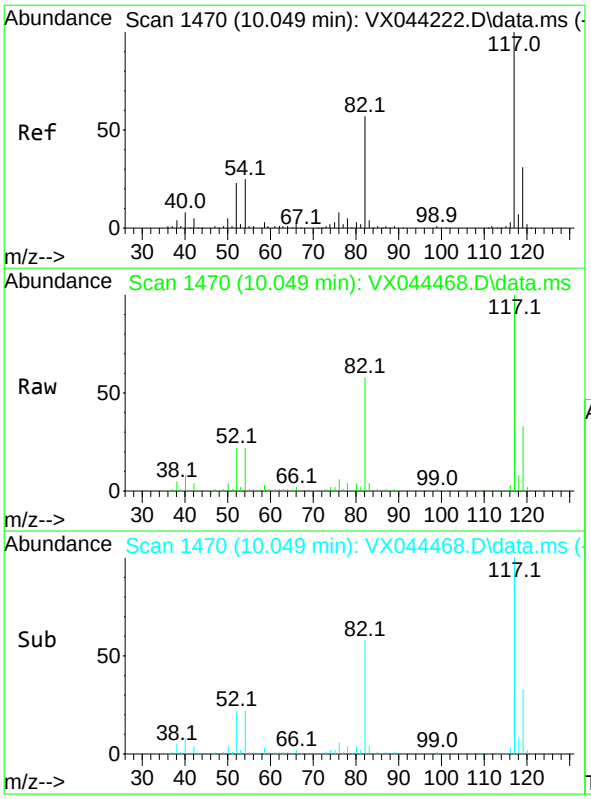


#62
4-Bromofluorobenzene
Concen: 45.831 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044468.D
Acq: 23 Dec 2024 09:46

Tgt Ion: 95 Resp: 102939

Ion	Ratio	Lower	Upper
95	100		
174	78.2	0.0	145.8
176	77.2	0.0	137.8



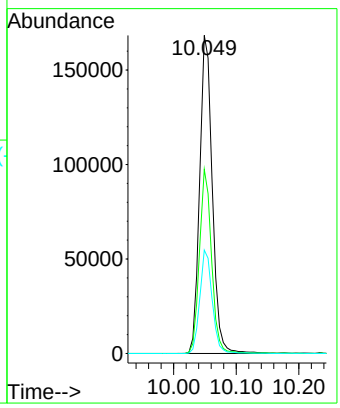


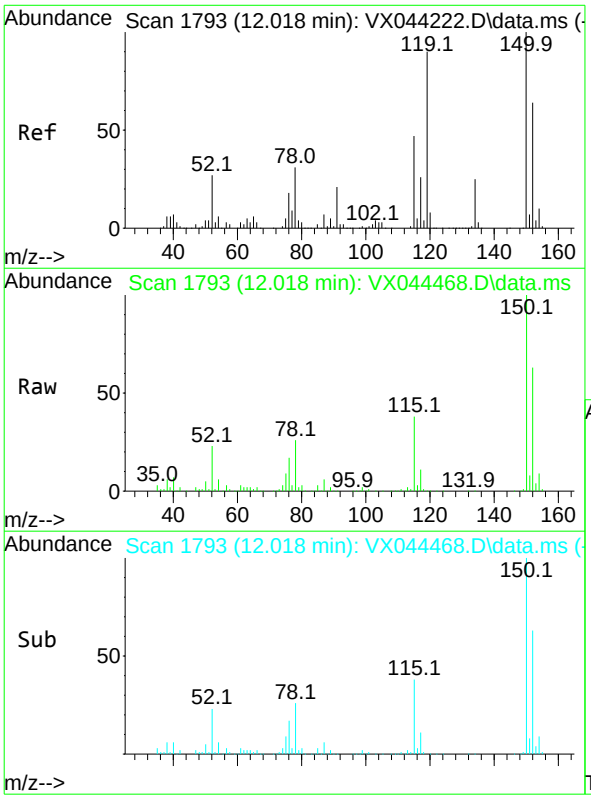
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044468.D
Acq: 23 Dec 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBL01

Tgt Ion:117 Resp: 235868

Ion	Ratio	Lower	Upper
117	100		
82	57.9	45.8	68.8
119	32.5	25.0	37.4

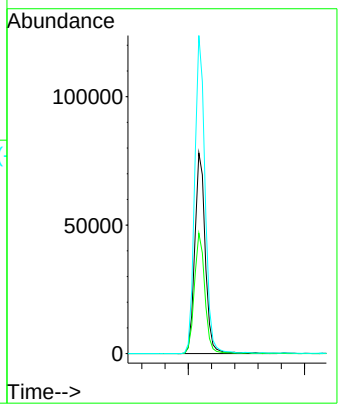




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044468.D
Acq: 23 Dec 2024 09:46

Tgt Ion:152 Resp: 97837

Ion	Ratio	Lower	Upper
152	100		
115	60.0	44.5	133.3
150	156.6	0.0	353.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044468.D
Acq On : 23 Dec 2024 09:46
Operator : JC/MD
Sample : VX1223WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBL01

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\82X121124W.M
Title : SW846 8260

Signal : TIC: VX044468.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.575	68	80	81	rBV2	15466	37516	4.23%	0.822%
2	5.379	692	704	718	rBV2	101163	304272	34.30%	6.668%
3	5.544	718	731	743	rVV	167925	474132	53.45%	10.390%
4	5.946	785	797	816	rBV2	117902	320876	36.17%	7.032%
5	6.751	920	929	946	rBV	263178	650587	73.34%	14.257%
6	8.647	1233	1240	1257	rBV	532506	887112	100.00%	19.440%
7	10.049	1465	1470	1489	rBV	538144	746504	84.15%	16.359%
8	11.079	1634	1639	1653	rBV	409911	526317	59.33%	11.533%
9	12.018	1788	1793	1804	rBV	498403	616064	69.45%	13.500%

Sum of corrected areas: 4563380

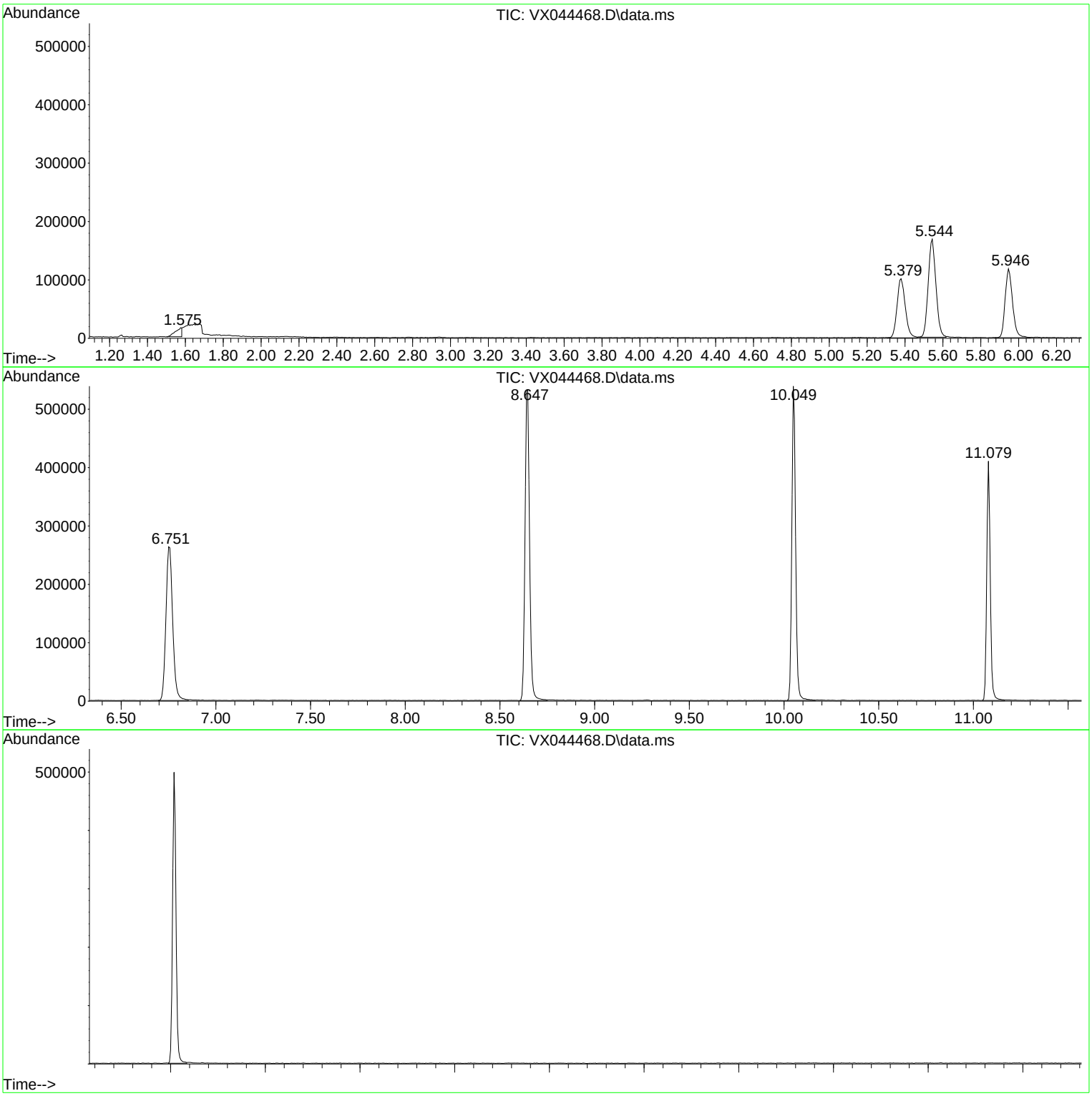
Sample Results: **VX044468.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044468.D
Acq On : 23 Dec 2024 09:46
Operator : JC/MD
Sample : VX1223WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044468.D
Acq On : 23 Dec 2024 09:46
Operator : JC/MD
Sample : VX1223WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.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\VX122324\
Data File : VX044468.D
Acq On : 23 Dec 2024 09:46
Operator : JC/MD
Sample : VX1223WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.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:	CTO WE13	Date Received:	
Client Sample ID:	VX1223WBS03	SDG No.:	P5374
Lab Sample ID:	VX1223WBS03	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044484.D	1		12/23/24 16:46	VX122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
74-87-3	Chloromethane	17.1		0.35	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	17.2		0.34	0.75	1.00	ug/L
74-83-9	Bromomethane	16.6		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	17.1		0.56	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	13.8		0.34	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	17.5		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.2		0.26	0.75	1.00	ug/L
67-64-1	Acetone	65.8		1.40	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	17.5		0.32	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	16.3		0.16	0.50	1.00	ug/L
75-09-2	Methylene Chloride	18.0		0.32	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.1		0.25	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	17.3		0.23	0.50	1.00	ug/L
78-93-3	2-Butanone	69.6		1.30	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.4		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	17.8		0.25	0.75	1.00	ug/L
67-66-3	Chloroform	16.8		0.26	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	17.5		0.19	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	18.3		0.19	0.50	1.00	ug/L
71-43-2	Benzene	19.3		0.16	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.6		0.24	0.50	1.00	ug/L
79-01-6	Trichloroethene	20.8		0.32	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.7		0.19	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	18.5		0.24	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	79.0		0.75	2.50	5.00	ug/L
108-88-3	Toluene	19.7		0.18	0.50	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	18.3		0.21	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.5		0.18	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.4		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	78.2		1.10	2.50	5.00	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:	CTO WE13	Date Received:	
Client Sample ID:	VX1223WBS03	SDG No.:	P5374
Lab Sample ID:	VX1223WBS03	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044484.D	1		12/23/24 16:46	VX122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	18.3		0.18	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	21.5		0.25	0.50	1.00	ug/L
108-90-7	Chlorobenzene	19.9		0.13	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	19.6		0.16	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	40.6		0.31	1.00	2.00	ug/L
95-47-6	o-Xylene	19.5		0.14	0.50	1.00	ug/L
100-42-5	Styrene	19.6		0.16	0.50	1.00	ug/L
75-25-2	Bromoform	19.2		0.21	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	19.1		0.13	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.0		0.27	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.2		0.24	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.7		0.27	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.5		0.19	0.50	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	43.7		81 - 118		87%	SPK: 50
1868-53-7	Dibromofluoromethane	52.0		80 - 119		104%	SPK: 50
2037-26-5	Toluene-d8	52.4		89 - 112		105%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.1		85 - 114		104%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	136000	5.544				
540-36-3	1,4-Difluorobenzene	231000	6.757				
3114-55-4	Chlorobenzene-d5	198000	10.049				
3855-82-1	1,4-Dichlorobenzene-d4	93700	12.018				

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\VX122324\
Data File : VX044484.D
Acq On : 23 Dec 2024 16:46
Operator : JC/MD
Sample : VX1223WBS03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 23 22:12:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	136426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	230675	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	197773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	93712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	104522	43.697	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 87.400%			
35) Dibromofluoromethane	5.379	113	83146	52.043	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.080%			
50) Toluene-d8	8.647	98	282252	52.366	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.740%			
62) 4-Bromofluorobenzene	11.079	95	98037	52.054	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	35681	16.914	ug/l	98
3) Chloromethane	1.294	50	34450	17.078	ug/l	97
4) Vinyl Chloride	1.374	62	36105	17.180	ug/l	95
5) Bromomethane	1.593	94	24727	16.585	ug/l	95
6) Chloroethane	1.666	64	22413	17.127	ug/l	98
7) Trichlorofluoromethane	1.874	101	56884	13.826	ug/l	97
8) Diethyl Ether	2.136	74	20539	14.625	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	29167	17.519	ug/l	94
10) Methyl Iodide	2.447	142	40160	18.303	ug/l	95
11) Tert butyl alcohol	3.001	59	27656	82.037	ug/l	96
12) 1,1-Dichloroethene	2.312	96	27828	18.198	ug/l	93
13) Acrolein	2.233	56	34567	70.835	ug/l	99
14) Allyl chloride	2.660	41	43269	16.988	ug/l	97
15) Acrylonitrile	3.062	53	72713	77.865	ug/l	96
16) Acetone	2.380	43	64193	65.827	ug/l	96
17) Carbon Disulfide	2.501	76	50832	17.488	ug/l	99
18) Methyl Acetate	2.703	43	37683	14.987	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	97412	16.324	ug/l	96
20) Methylene Chloride	2.788	84	32960	17.995	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	27761	17.082	ug/l	96
22) Diisopropyl ether	3.757	45	96519	16.828	ug/l #	83
23) Vinyl Acetate	3.715	43	396777	85.091	ug/l	99
24) 1,1-Dichloroethane	3.599	63	55371	17.319	ug/l	99
25) 2-Butanone	4.562	43	96544	69.639	ug/l	97
26) 2,2-Dichloropropane	4.471	77	47079	18.126	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	36799	17.829	ug/l	95
28) Bromochloromethane	4.891	49	29299	18.689	ug/l	92
29) Tetrahydrofuran	5.007	42	62253	69.958	ug/l	98
30) Chloroform	5.080	83	60467	16.834	ug/l	95
31) Cyclohexane	5.458	56	43786	16.960	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	52091	17.470	ug/l	99
36) 1,1-Dichloropropene	5.684	75	37790	18.299	ug/l	98
37) Ethyl Acetate	4.715	43	39294	15.393	ug/l	97
38) Carbon Tetrachloride	5.672	117	40813	18.356	ug/l	97
39) Methylcyclohexane	7.373	83	45190	18.304	ug/l	95
40) Benzene	6.031	78	121112	19.316	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044484.D
Acq On : 23 Dec 2024 16:46
Operator : JC/MD
Sample : VX1223WBS03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 23 22:12:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.922	41	20789	15.336 ug/l		94
42) 1,2-Dichloroethane	6.080	62	48045	18.601 ug/l		97
43) Isopropyl Acetate	6.342	43	65736	16.475 ug/l		98
44) Trichloroethene	7.123	130	32559	20.823 ug/l		92
45) 1,2-Dichloropropane	7.421	63	30009	18.733 ug/l		98
46) Dibromomethane	7.580	93	22954	18.470 ug/l		92
47) Bromodichloromethane	7.818	83	39600	18.450 ug/l		100
48) Methyl methacrylate	7.696	41	30544	15.770 ug/l		97
49) 1,4-Dioxane	7.665	88	8523	265.414 ug/l	#	83
51) 4-Methyl-2-Pentanone	8.574	43	202796	79.048 ug/l		98
52) Toluene	8.714	92	77555	19.696 ug/l		98
53) t-1,3-Dichloropropene	8.976	75	39372	18.305 ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	45608	19.516 ug/l		99
55) 1,1,2-Trichloroethane	9.147	97	30421	19.448 ug/l		97
56) Ethyl methacrylate	9.116	69	43727	17.707 ug/l		98
57) 1,3-Dichloropropane	9.305	76	50156	18.421 ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	112759	90.532 ug/l		100
59) 2-Hexanone	9.433	43	145212	78.199 ug/l		98
60) Dibromochloromethane	9.519	129	28097	18.262 ug/l		99
61) 1,2-Dibromoethane	9.610	107	31023	19.484 ug/l		98
64) Tetrachloroethene	9.269	164	28163	21.455 ug/l		97
65) Chlorobenzene	10.079	112	84278	19.887 ug/l		95
66) 1,1,1,2-Tetrachloroethane	10.159	131	28171	20.684 ug/l		96
67) Ethyl Benzene	10.195	91	143285	19.568 ug/l		100
68) m/p-Xylenes	10.299	106	109170	40.631 ug/l		93
69) o-Xylene	10.640	106	53058	19.517 ug/l		96
70) Styrene	10.652	104	85331	19.580 ug/l		98
71) Bromoform	10.799	173	16410	19.239 ug/l	#	98
73) Isopropylbenzene	10.957	105	137153	19.118 ug/l		99
74) N-amyl acetate	10.841	43	53387	16.102 ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.213	83	44755	17.961 ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	35038m	16.746 ug/l		
77) Bromobenzene	11.195	156	34470	19.814 ug/l		97
78) n-propylbenzene	11.299	91	150204	18.943 ug/l		97
79) 2-Chlorotoluene	11.360	91	96001	18.721 ug/l		97
80) 1,3,5-Trimethylbenzene	11.451	105	115427	19.402 ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	9853	17.567 ug/l		88
82) 4-Chlorotoluene	11.451	91	106582	18.769 ug/l		96
83) tert-Butylbenzene	11.713	119	114705	19.509 ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	115005	19.684 ug/l		98
85) sec-Butylbenzene	11.890	105	137779	19.303 ug/l		98
86) p-Isopropyltoluene	12.006	119	117010	19.696 ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	61238	20.152 ug/l		97
88) 1,4-Dichlorobenzene	12.036	146	61611	19.723 ug/l		99
89) n-Butylbenzene	12.329	91	94376	18.892 ug/l		99
90) Hexachloroethane	12.536	117	15991	18.440 ug/l		86
91) 1,2-Dichlorobenzene	12.335	146	61558	19.510 ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7109	14.697 ug/l		86
93) 1,2,4-Trichlorobenzene	13.585	180	35380	20.453 ug/l		99
94) Hexachlorobutadiene	13.725	225	15222	21.877 ug/l		97
95) Naphthalene	13.774	128	121575	18.005 ug/l		98
96) 1,2,3-Trichlorobenzene	13.957	180	37987	20.704 ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044484.D
Acq On : 23 Dec 2024 16:46
Operator : JC/MD
Sample : VX1223WBS03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 23 22:12:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

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

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

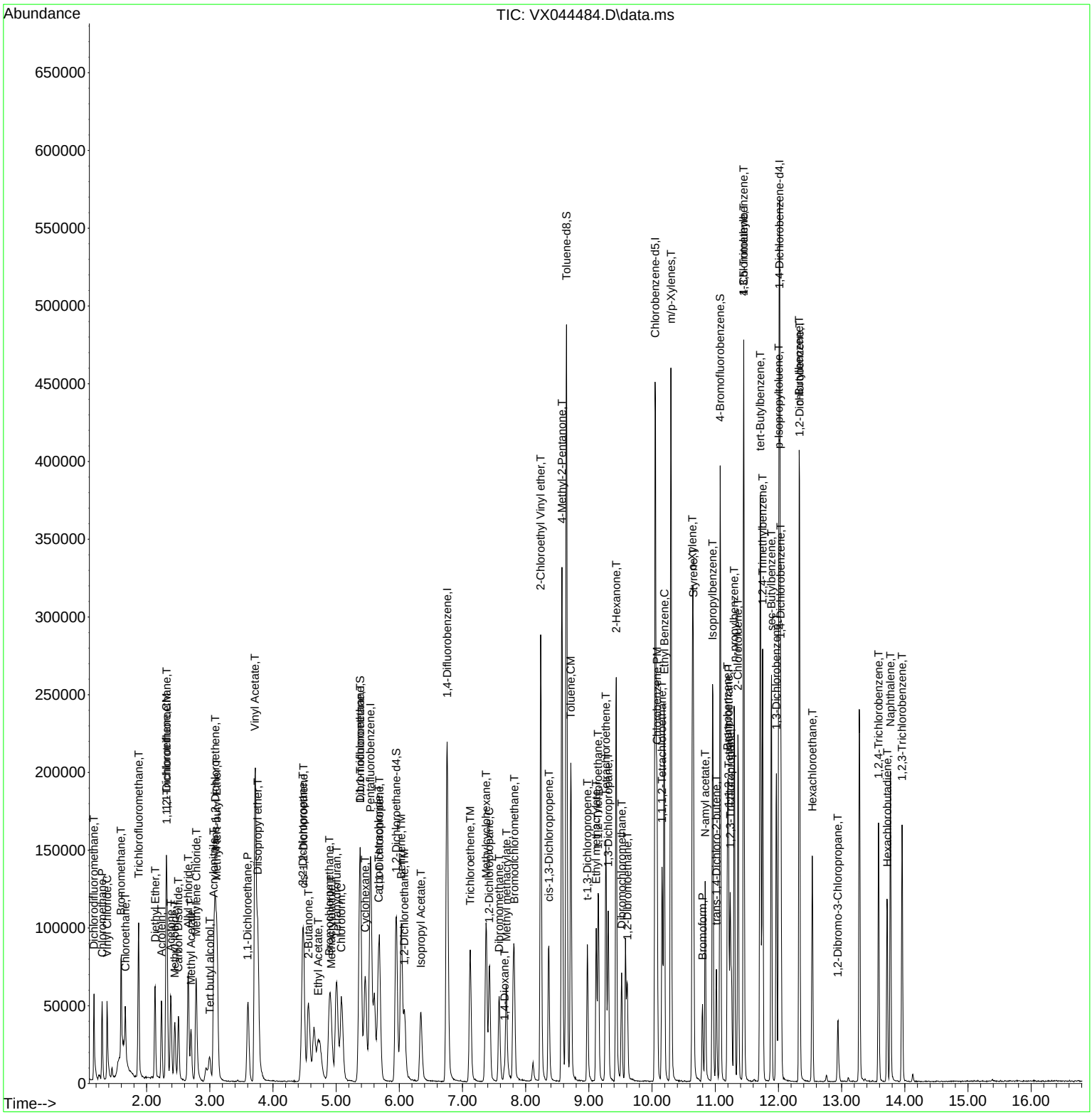
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Data File : VX044484.D
Acq On : 23 Dec 2024 16:46
Operator : JC/MD
Sample : VX1223WBS03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

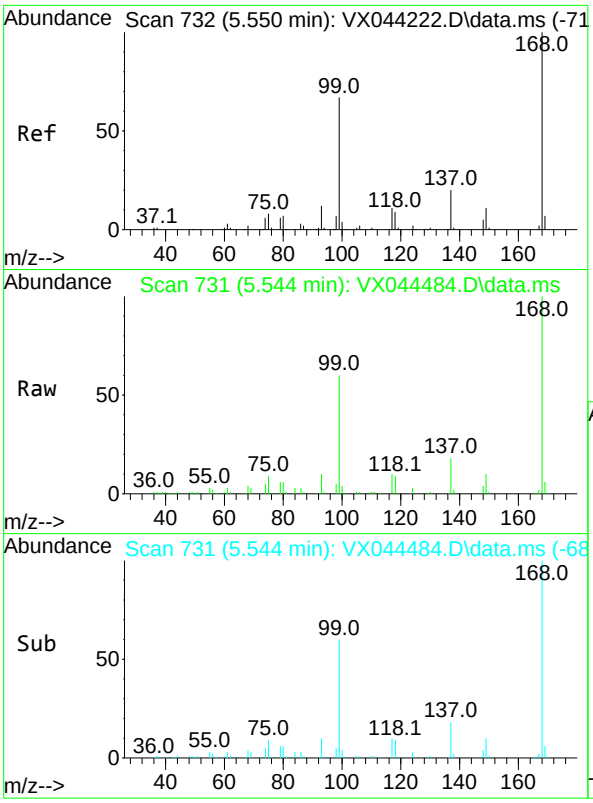
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations APPROVED

Reviewed By :John Carlone 12/26/2024
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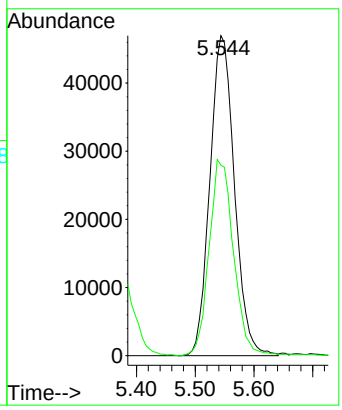




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:168 Resp: 13642

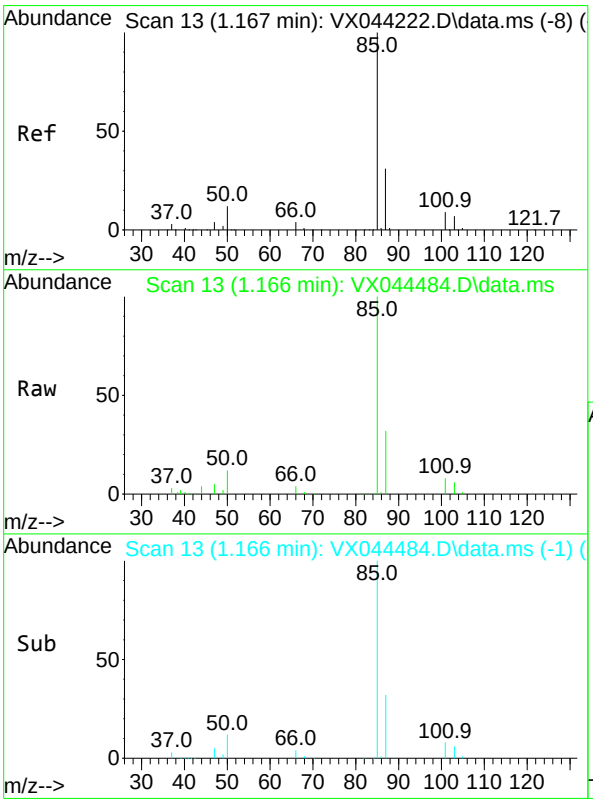
Ion	Ratio	Lower	Upper
168	100		
99	59.6	53.4	80.0



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

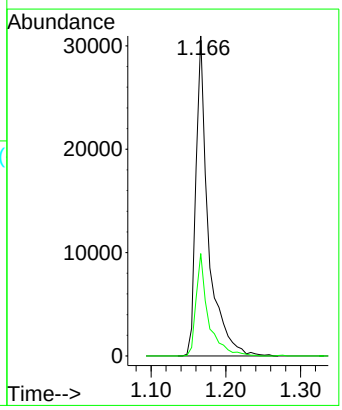
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

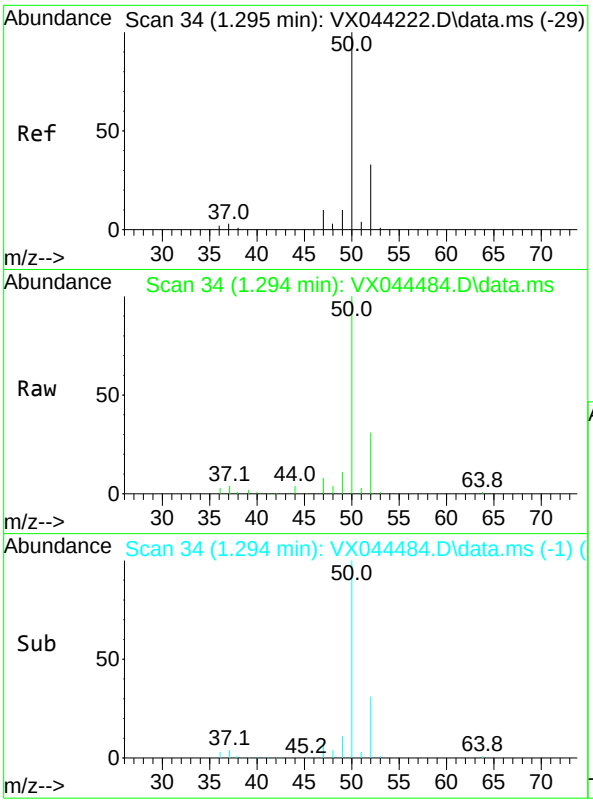


#2
Dichlorodifluoromethane
Concen: 16.914 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 85 Resp: 35681

Ion	Ratio	Lower	Upper
85	100		
87	32.0	15.4	46.4

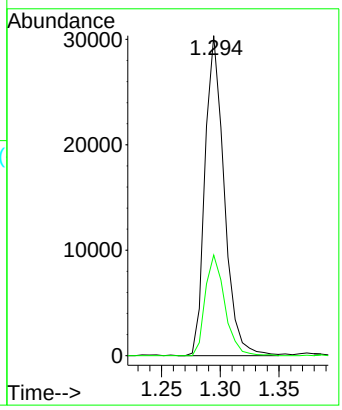




#3
Chloromethane
Concen: 17.078 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 50 Resp: 3445

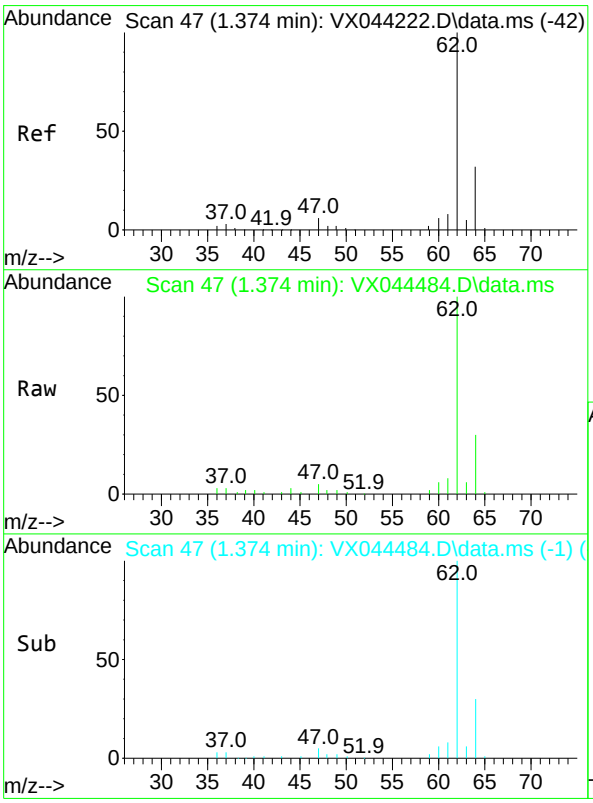
Ion	Ratio	Lower	Upper
50	100		
52	31.4	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

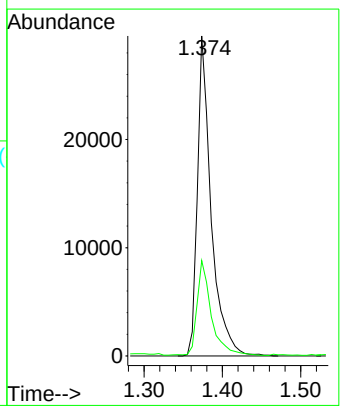
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

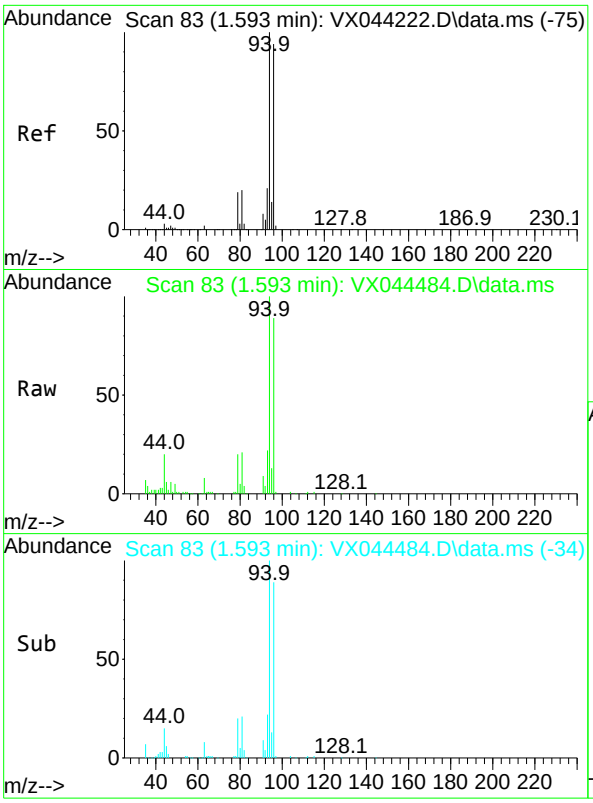


#4
Vinyl Chloride
Concen: 17.180 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 62 Resp: 36105

Ion	Ratio	Lower	Upper
62	100		
64	29.4	25.7	38.5

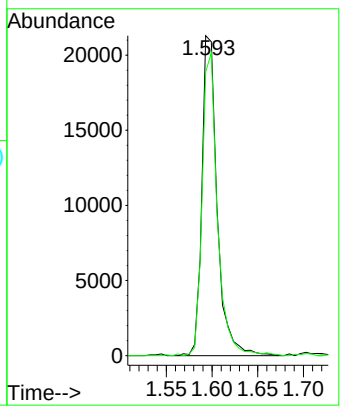




#5
Bromomethane
Concen: 16.585 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 94 Resp: 2472

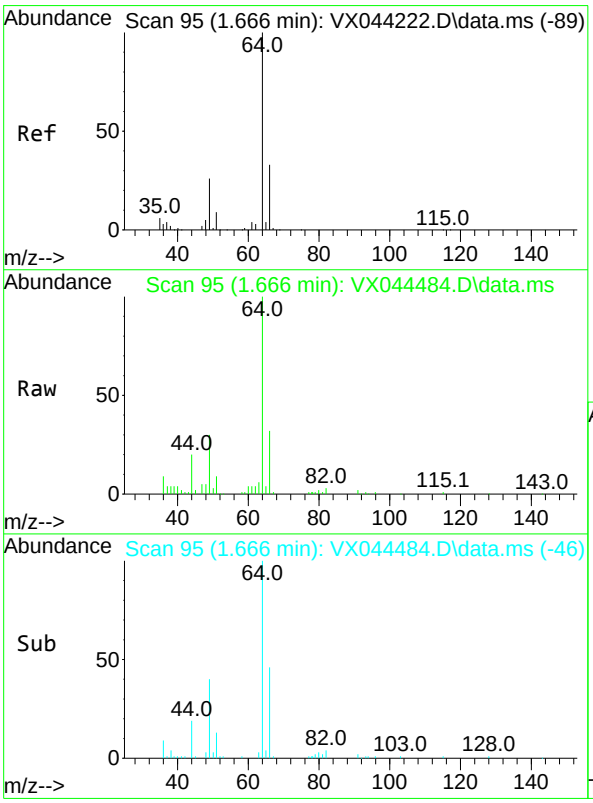
Ion	Ratio	Lower	Upper
94	100		
96	88.4	74.9	112.3



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

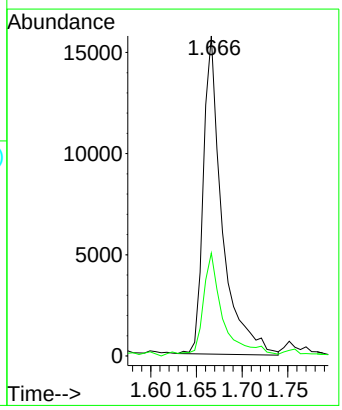
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

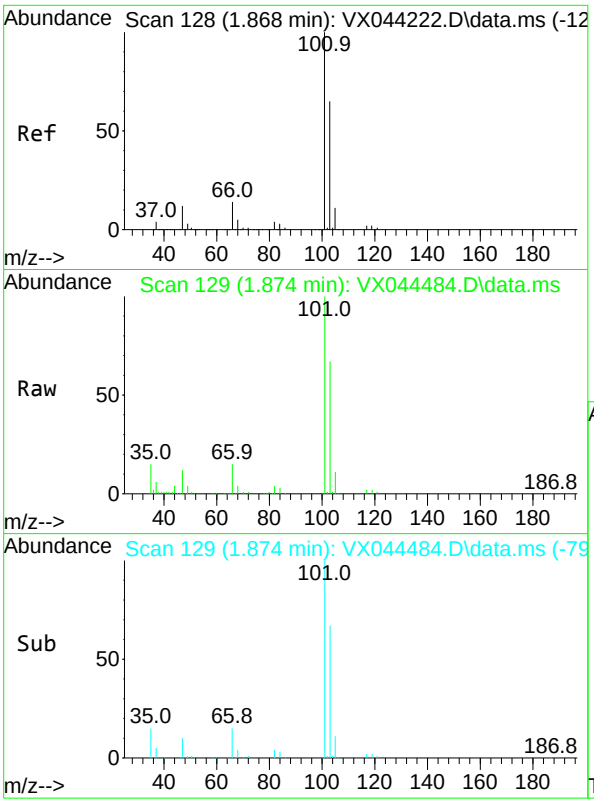


#6
Chloroethane
Concen: 17.127 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 64 Resp: 22413

Ion	Ratio	Lower	Upper
64	100		
66	31.8	26.6	39.8

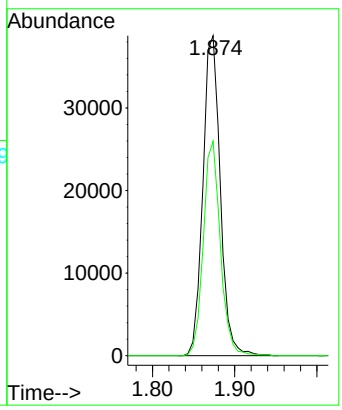




#7
Trichlorofluoromethane
Concen: 13.826 ug/l
RT: 1.874 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:101 Resp: 5688

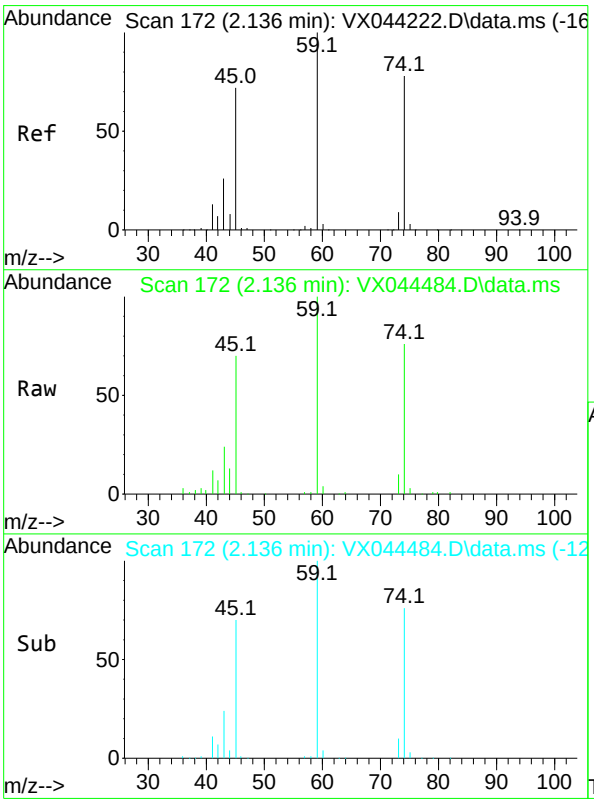
Ion	Ratio	Lower	Upper
101	100		
103	67.0	51.8	77.8



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

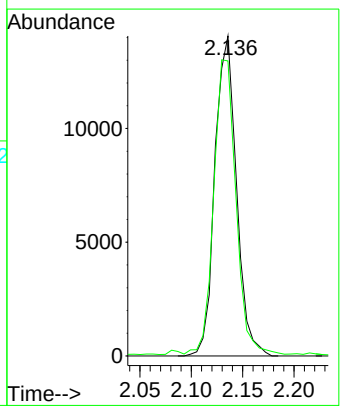
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

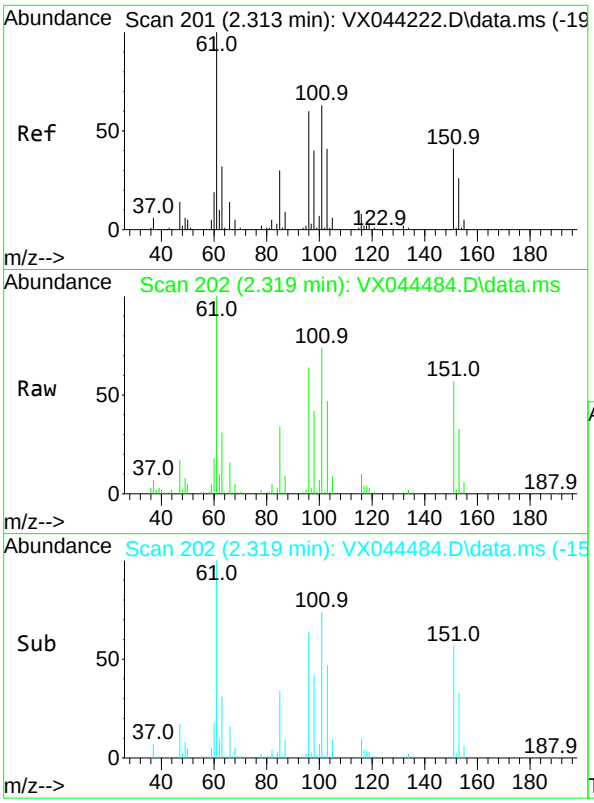


#8
Diethyl Ether
Concen: 14.625 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 74 Resp: 20539

Ion	Ratio	Lower	Upper
74	100		
45	93.9	48.4	145.0

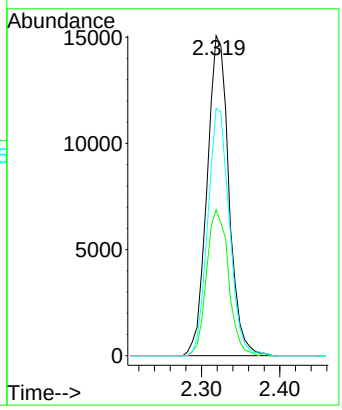




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.519 ug/l
RT: 2.319 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:101 Resp: 2916

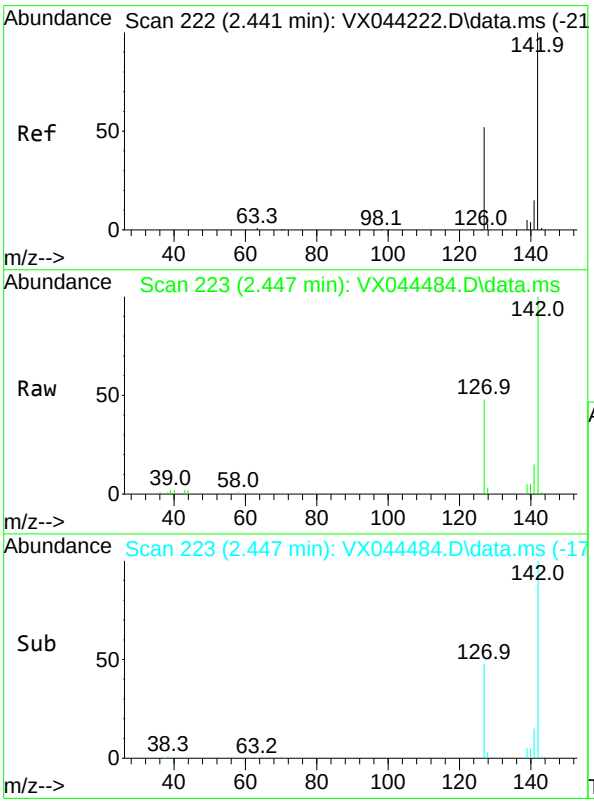
Ion	Ratio	Lower	Upper
101	100		
85	45.6	38.5	57.7
151	76.5	55.8	83.6



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

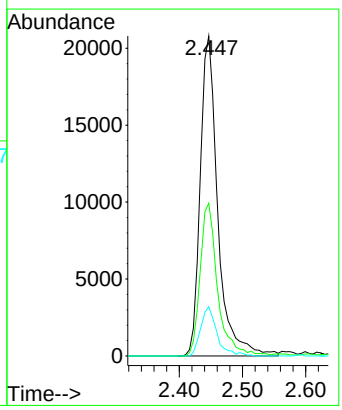
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

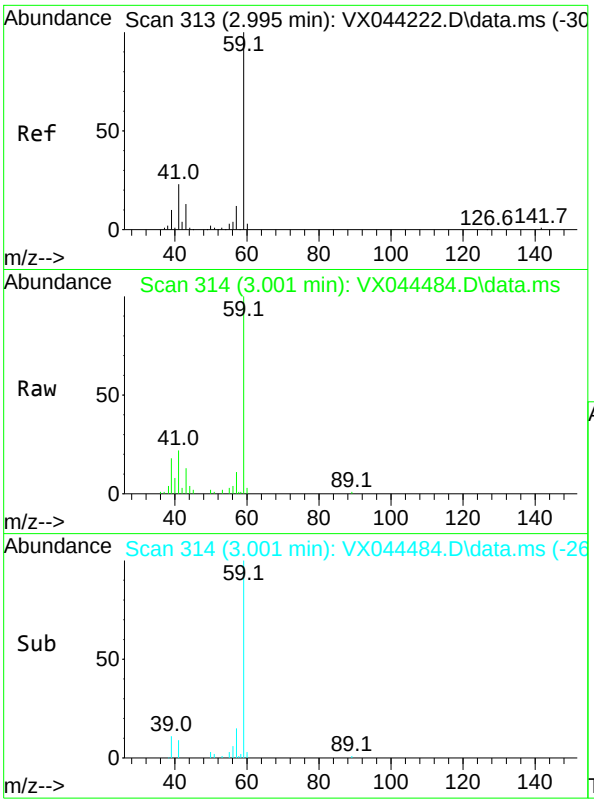


#10
Methyl Iodide
Concen: 18.303 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:142 Resp: 40160

Ion	Ratio	Lower	Upper
142	100		
127	47.6	41.8	62.8
141	14.4	11.5	17.3

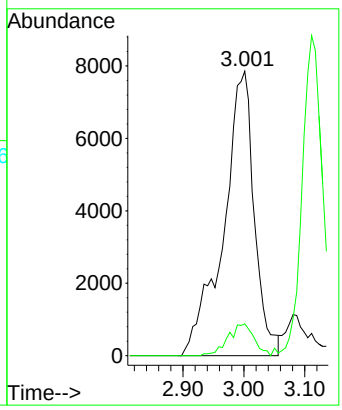




#11
Tert butyl alcohol
Concen: 82.037 ug/l
RT: 3.001 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 59 Resp: 2765

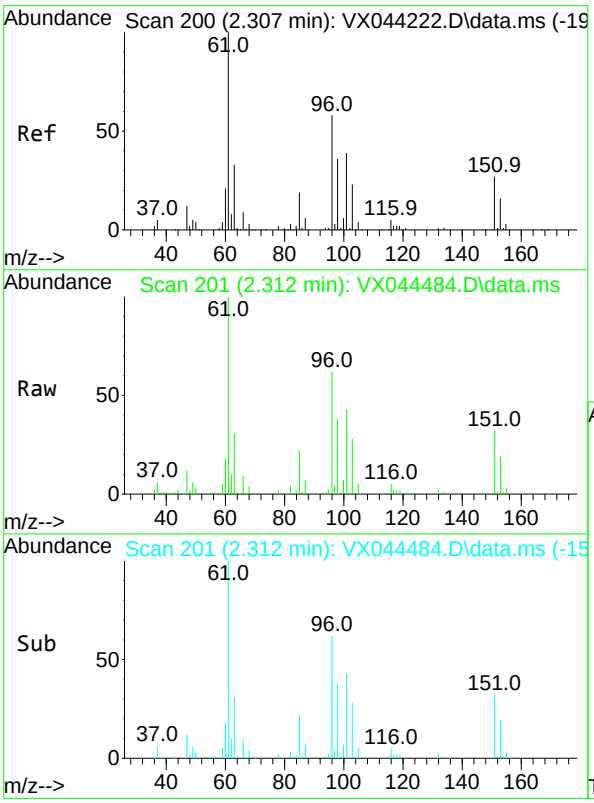
Ion	Ratio	Lower	Upper
59	100		
57	9.4	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

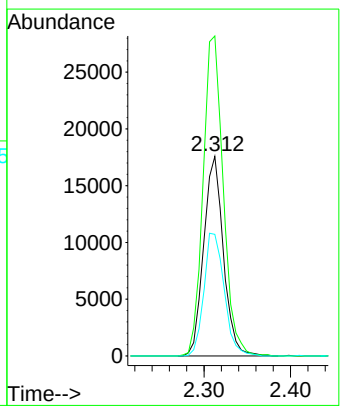
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

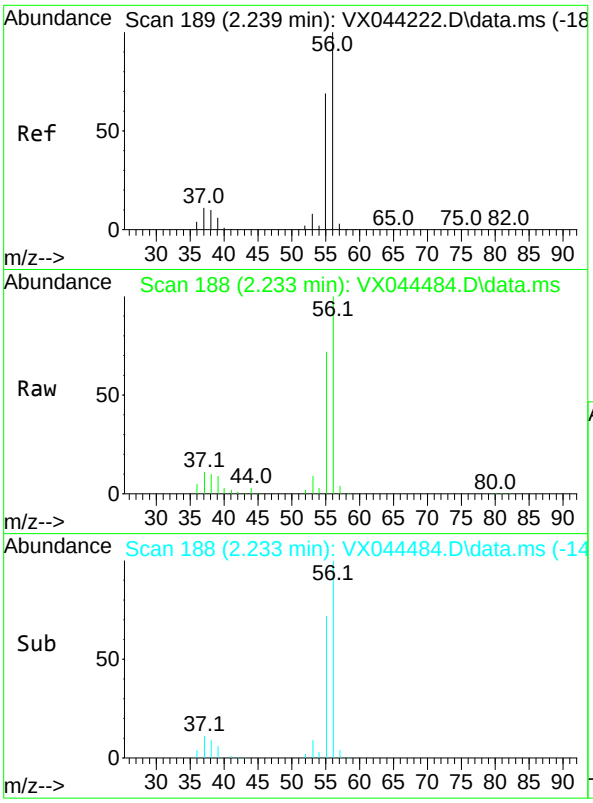


#12
1,1-Dichloroethene
Concen: 18.198 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 96 Resp: 27828

Ion	Ratio	Lower	Upper
96	100		
61	160.3	138.0	207.0
98	60.9	50.0	75.0

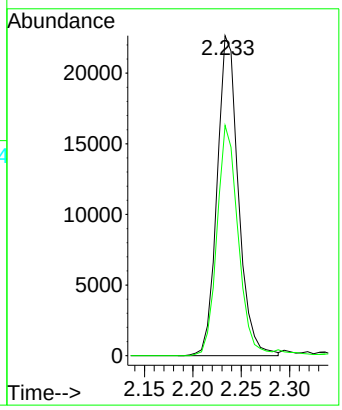




#13
Acrolein
Concen: 70.835 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 56 Resp: 3456

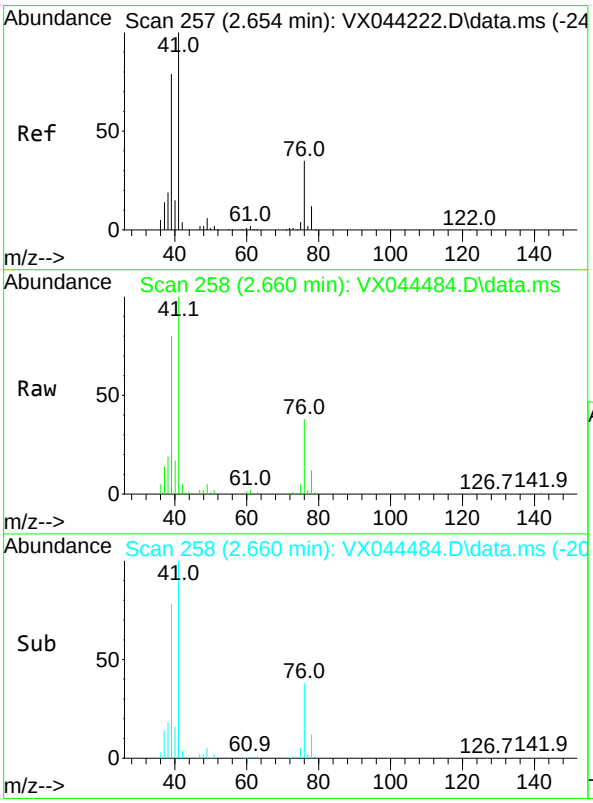
Ion	Ratio	Lower	Upper
56	100		
55	71.4	56.6	84.8



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

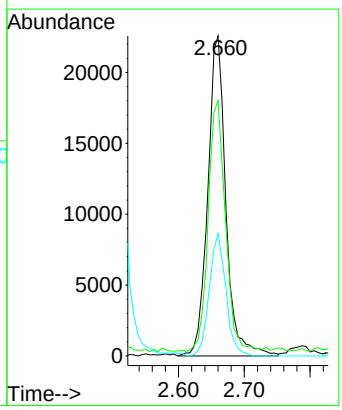
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

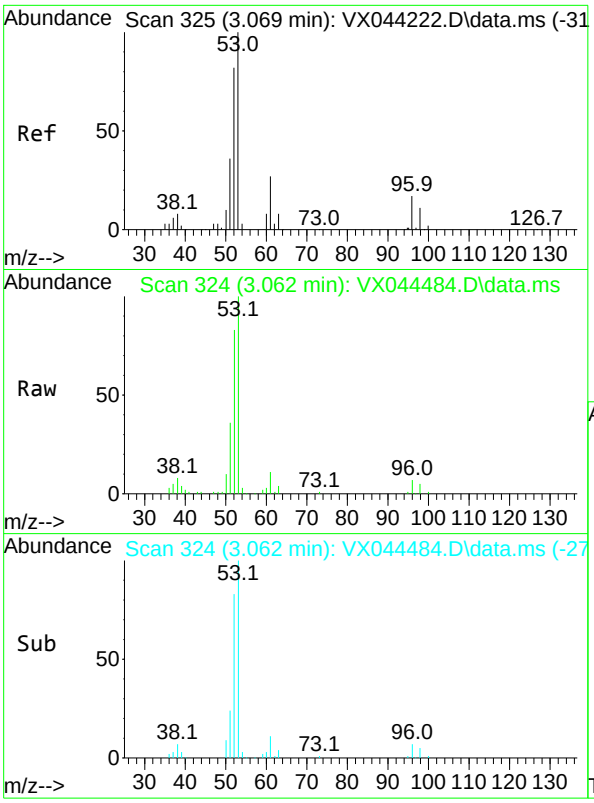


#14
Allyl chloride
Concen: 16.988 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 41 Resp: 43269

Ion	Ratio	Lower	Upper
41	100		
39	74.4	61.9	92.9
76	35.0	27.4	41.2

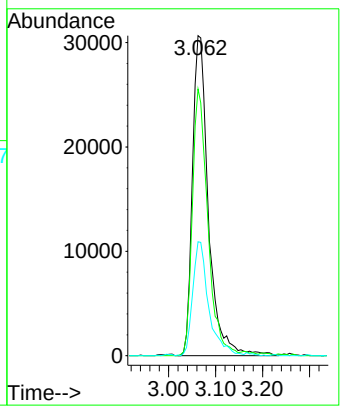




#15
Acrylonitrile
Concen: 77.865 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 53 Resp: 7271

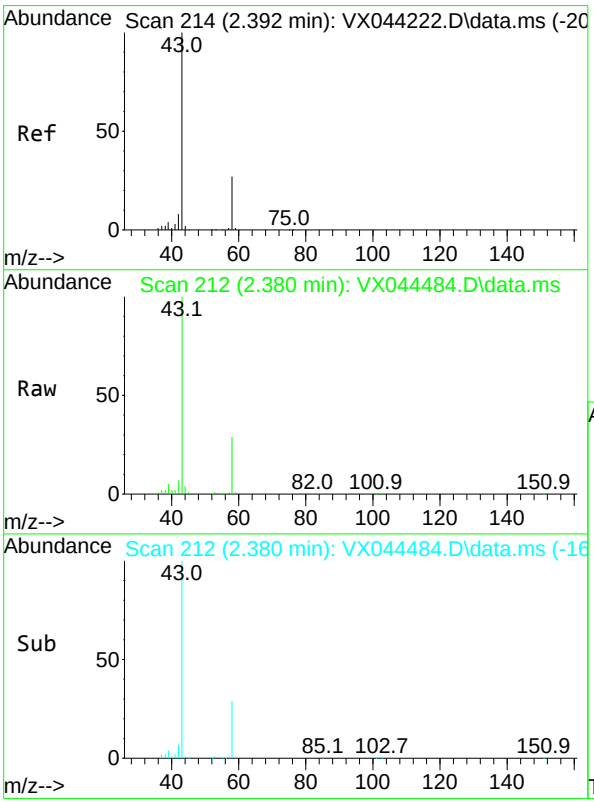
Ion	Ratio	Lower	Upper
53	100		
52	80.5	67.4	101.0
51	35.7	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

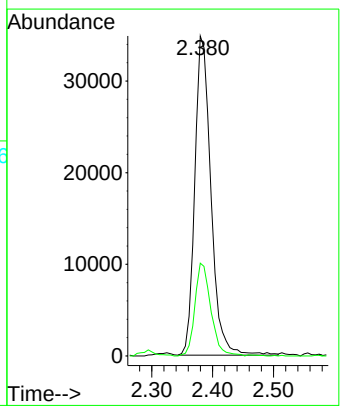
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

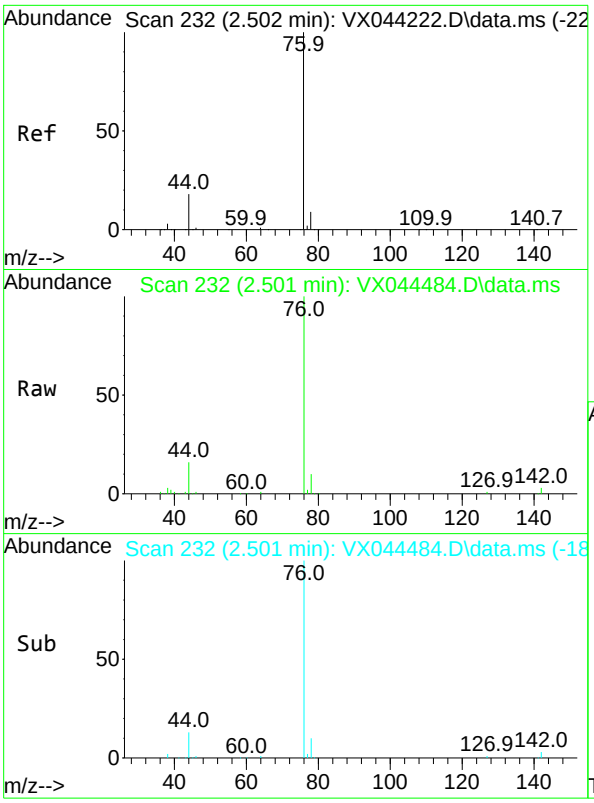


#16
Acetone
Concen: 65.827 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 43 Resp: 64193

Ion	Ratio	Lower	Upper
43	100		
58	29.1	21.6	32.4

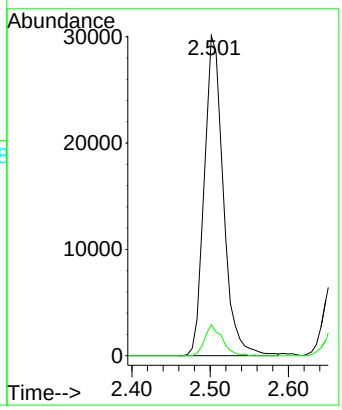




#17
Carbon Disulfide
Concen: 17.488 ug/l
RT: 2.501 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 76 Resp: 5083

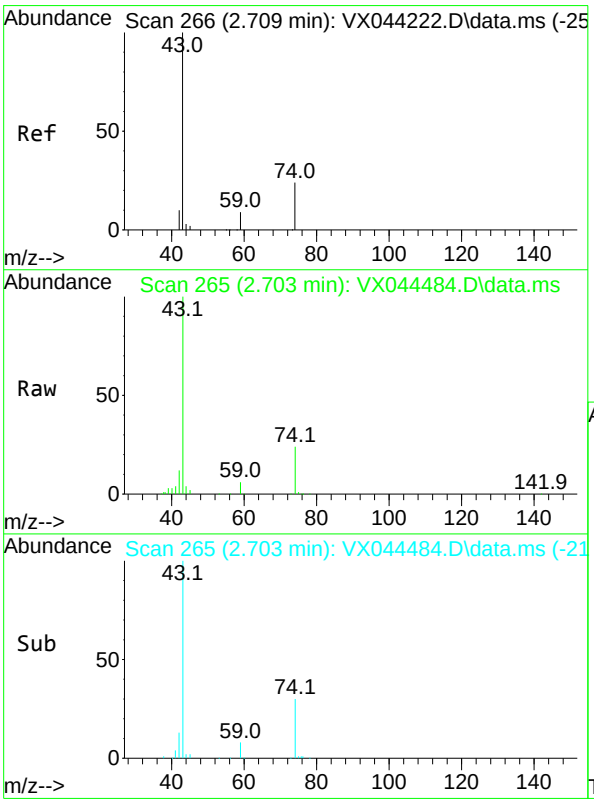
Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.4	11.0



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

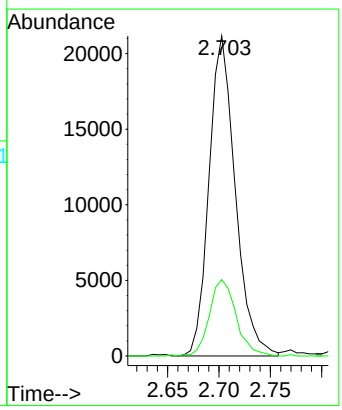
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

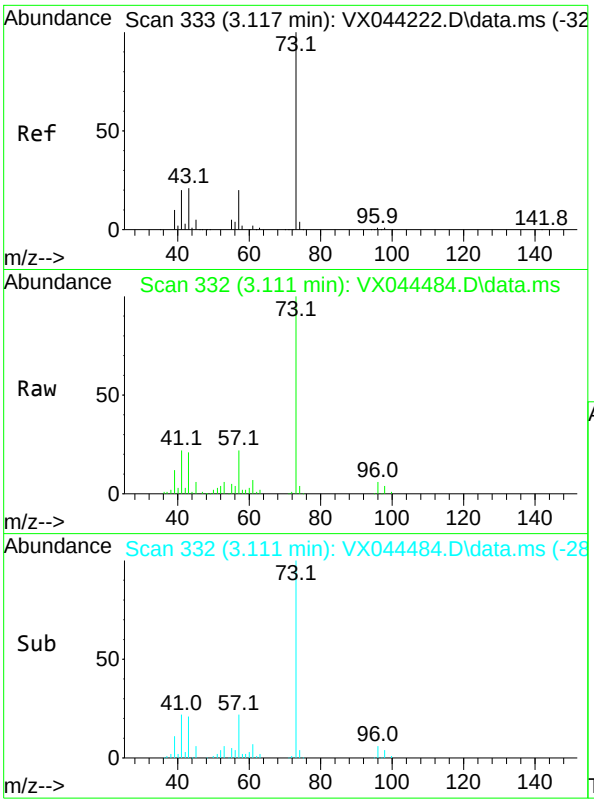


#18
Methyl Acetate
Concen: 14.987 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 43 Resp: 37683

Ion	Ratio	Lower	Upper
43	100		
74	24.3	17.7	26.5

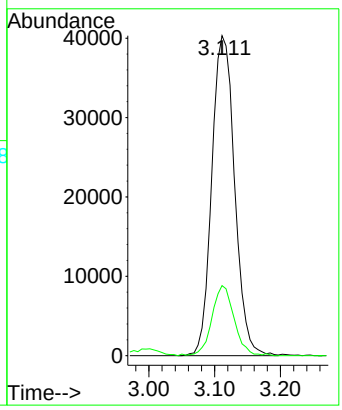




#19
Methyl tert-butyl Ether
Concen: 16.324 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 73 Resp: 9741

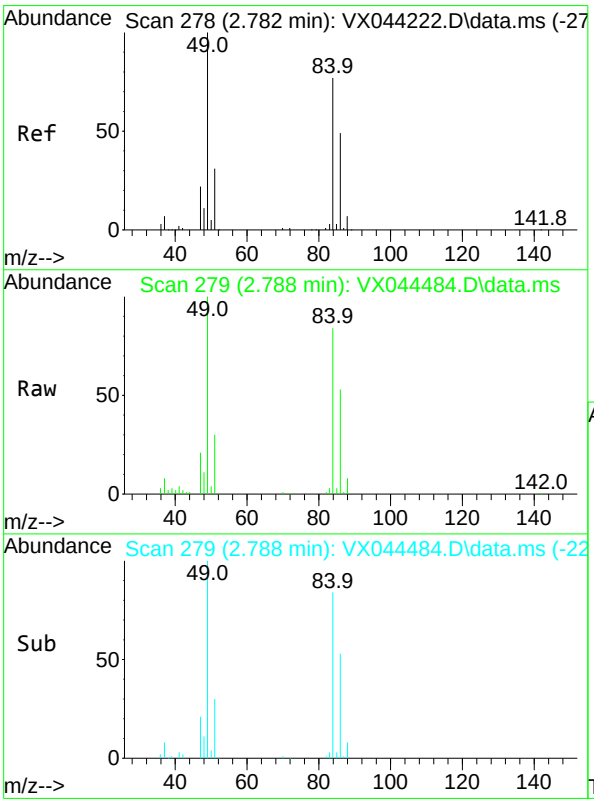
Ion	Ratio	Lower	Upper
73	100		
57	21.9	16.2	24.4



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

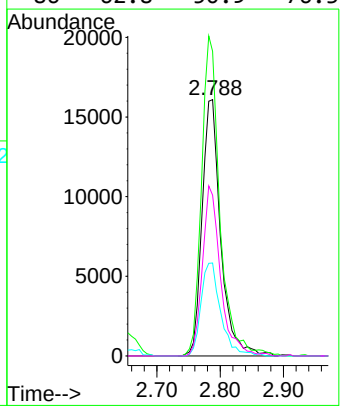
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

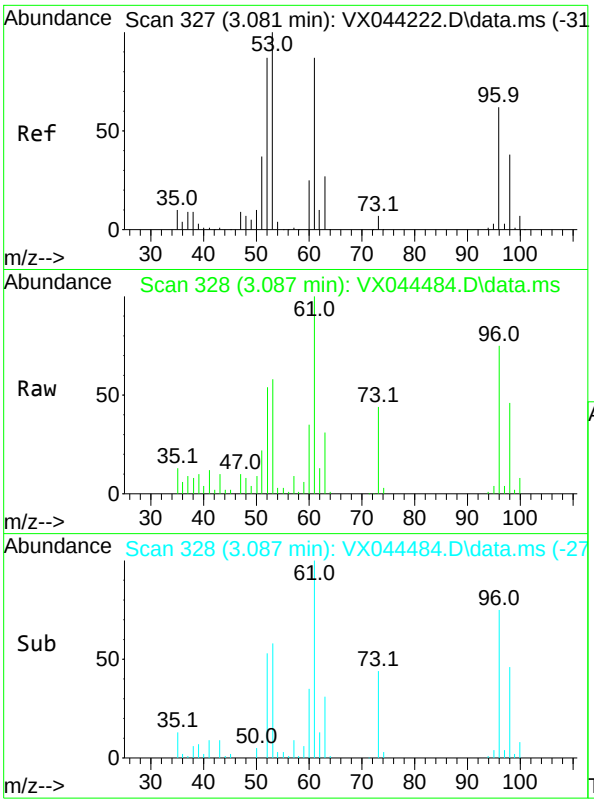


#20
Methylene Chloride
Concen: 17.995 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 84 Resp: 32960

Ion	Ratio	Lower	Upper
84	100		
49	118.9	104.2	156.4
51	36.3	32.2	48.4
86	62.8	50.9	76.3

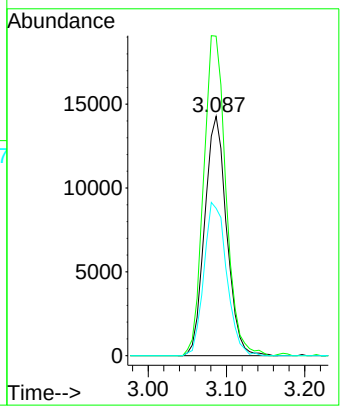




#21
trans-1,2-Dichloroethene
Concen: 17.082 ug/l
RT: 3.087 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 96 Resp: 2776

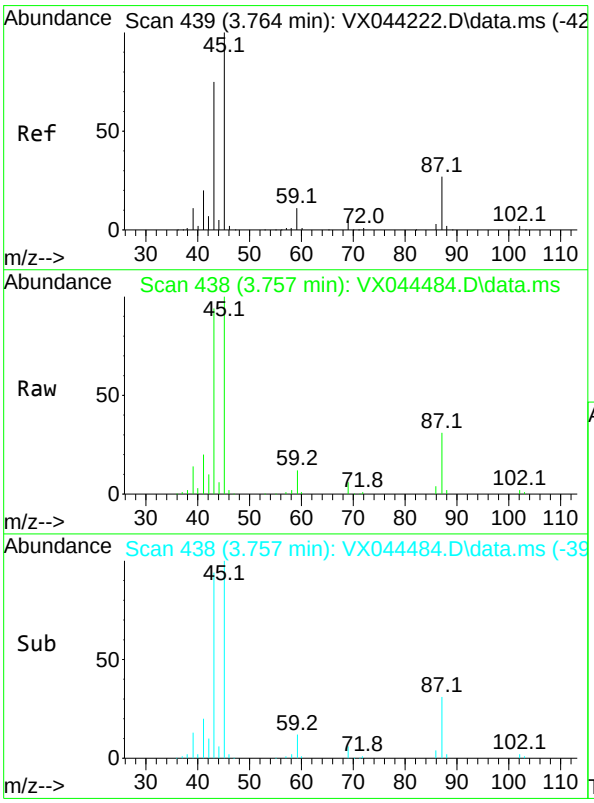
Ion	Ratio	Lower	Upper
96	100		
61	133.6	112.0	168.0
98	61.6	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

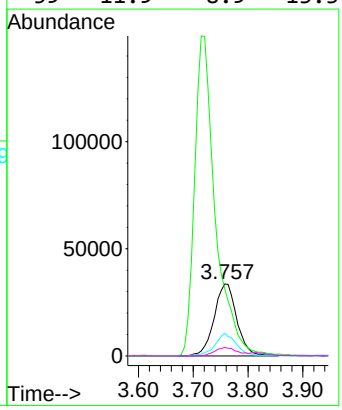
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

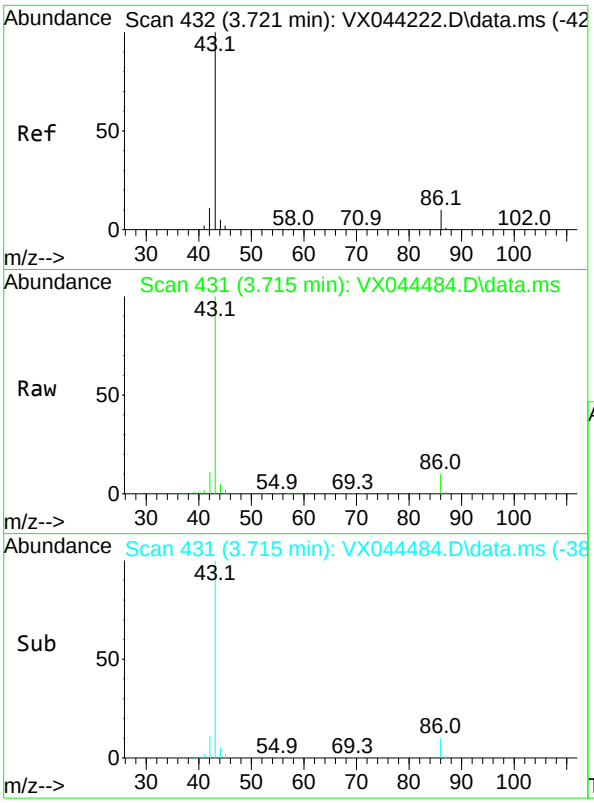


#22
Diisopropyl ether
Concen: 16.828 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 45 Resp: 96519

Ion	Ratio	Lower	Upper
45	100		
43	93.3	60.2	90.2#
87	31.4	21.2	31.8
59	11.9	8.9	13.3





#23
Vinyl Acetate
Concen: 85.091 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

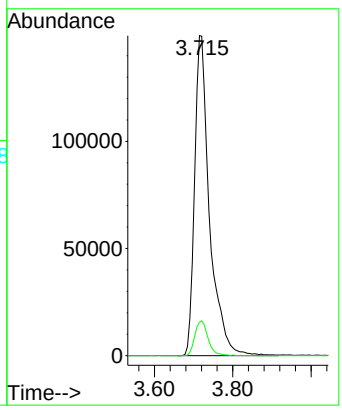
Tgt Ion: 43 Resp: 39677

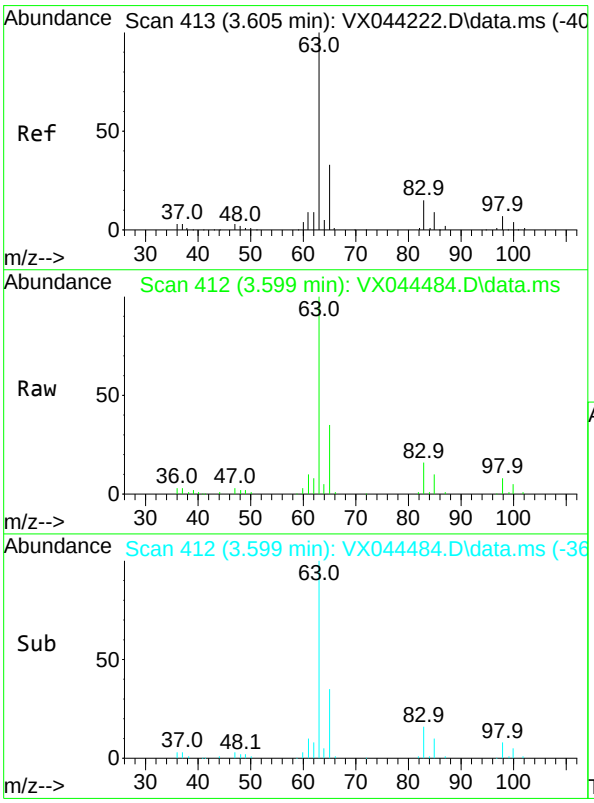
Ion	Ratio	Lower	Upper
43	100		
86	10.5	8.2	12.2

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

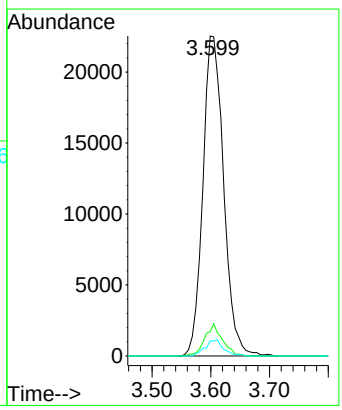


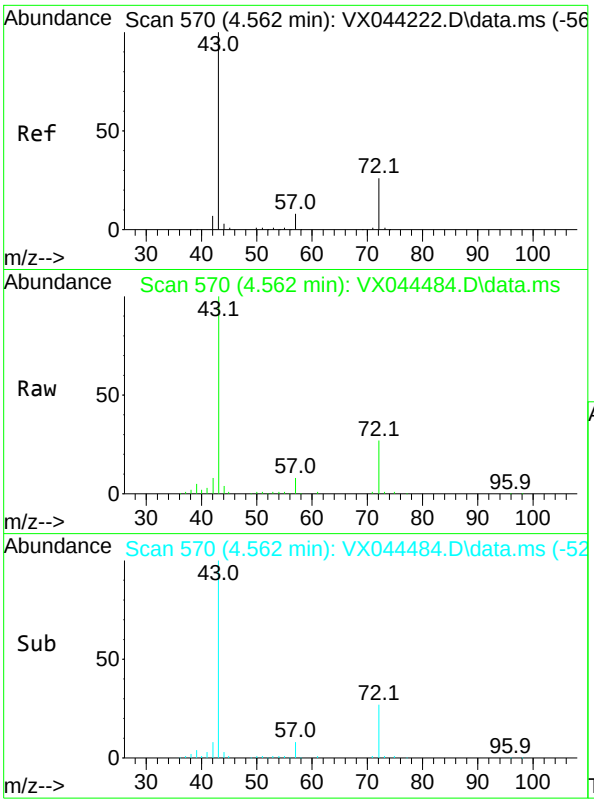


#24
1,1-Dichloroethane
Concen: 17.319 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 63 Resp: 55371

Ion	Ratio	Lower	Upper
63	100		
98	7.6	3.6	10.8
100	4.7	2.1	6.3

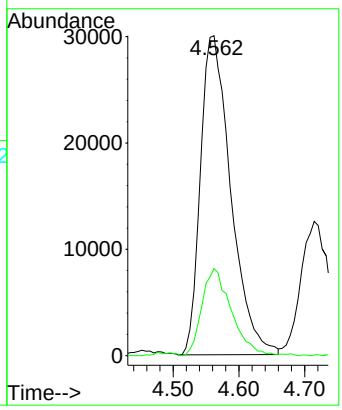




#25
2-Butanone
Concen: 69.639 ug/l
RT: 4.562 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 43 Resp: 9654

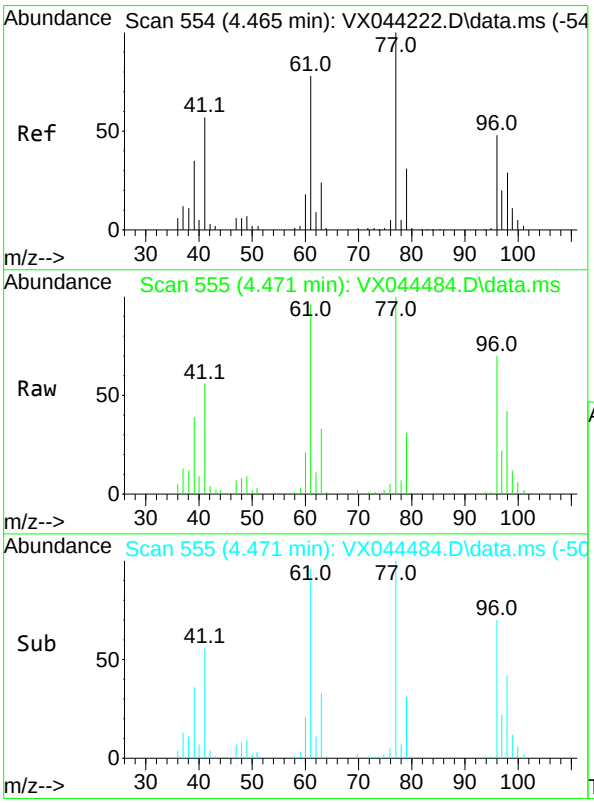
Ion	Ratio	Lower	Upper
43	100		
72	26.9	20.2	30.4



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

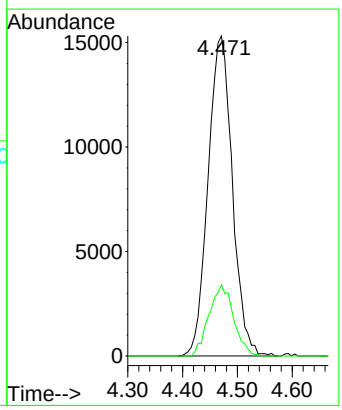
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

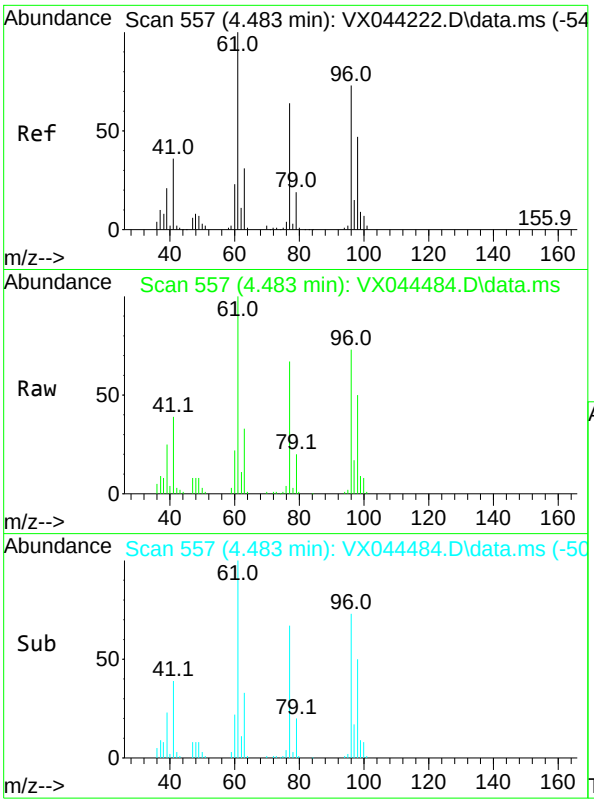


#26
2,2-Dichloropropane
Concen: 18.126 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 77 Resp: 47079

Ion	Ratio	Lower	Upper
77	100		
97	22.5	10.7	32.1

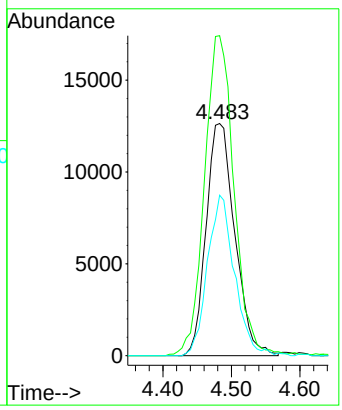




#27
cis-1,2-Dichloroethene
Concen: 17.829 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 96 Resp: 3679

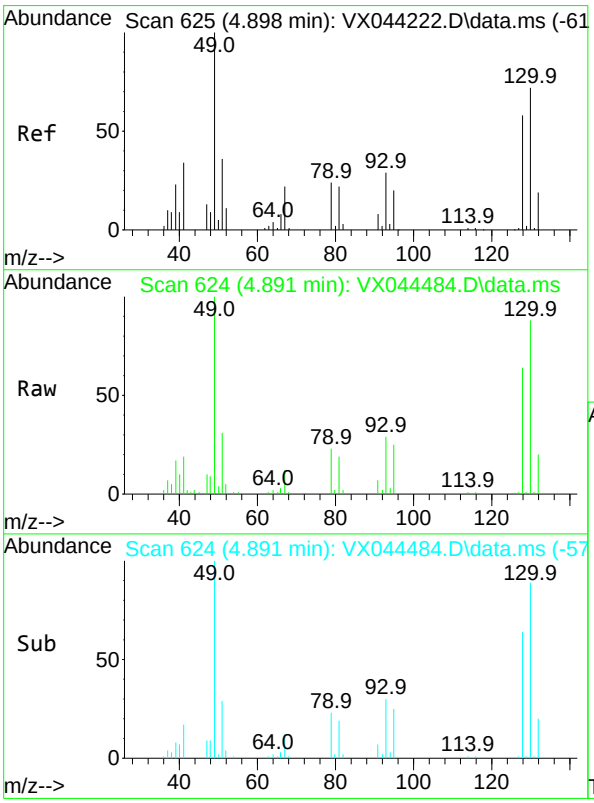
Ion	Ratio	Lower	Upper
96	100		
61	141.6	0.0	299.0
98	65.2	0.0	129.0



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

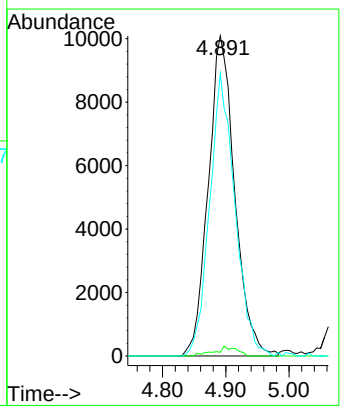
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

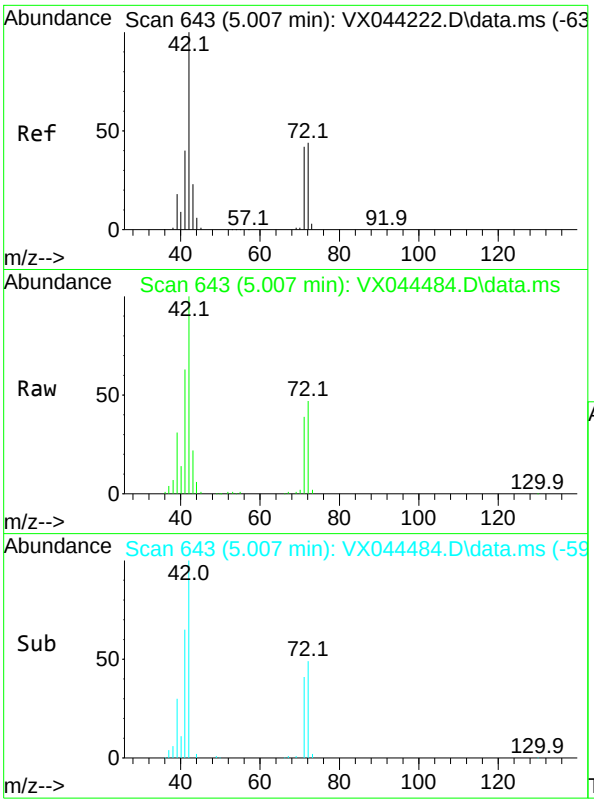


#28
Bromochloromethane
Concen: 18.689 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 49 Resp: 29299

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.2
130	84.3	62.1	93.1

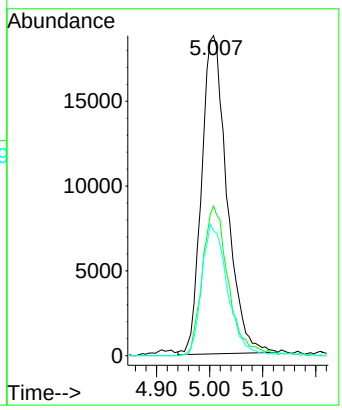




#29
Tetrahydrofuran
Concen: 69.958 ug/l
RT: 5.007 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 42 Resp: 6225

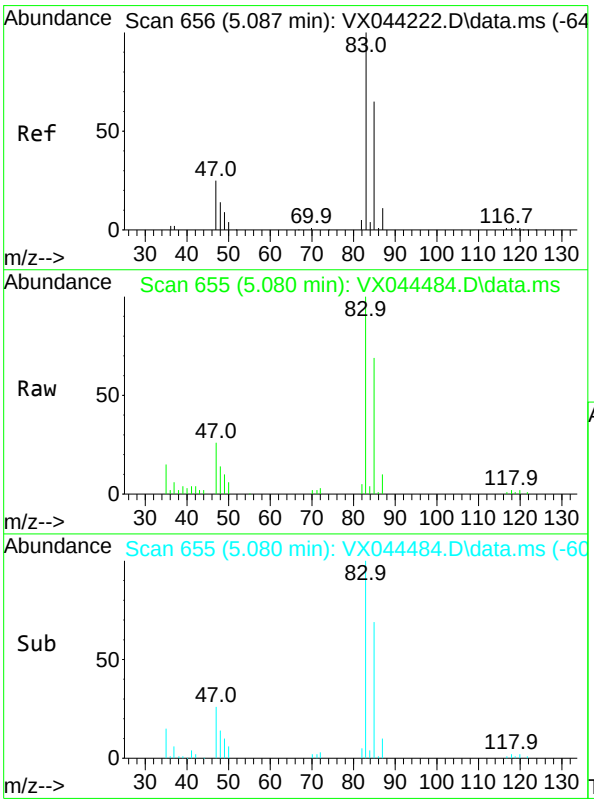
Ion	Ratio	Lower	Upper
42	100		
72	48.1	37.0	55.6
71	41.9	33.6	50.4



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

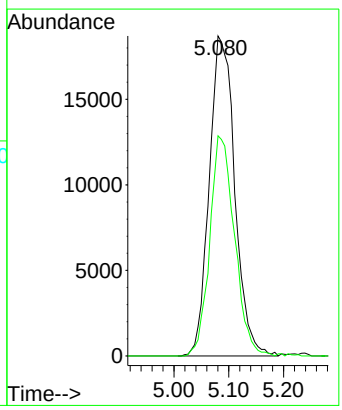
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

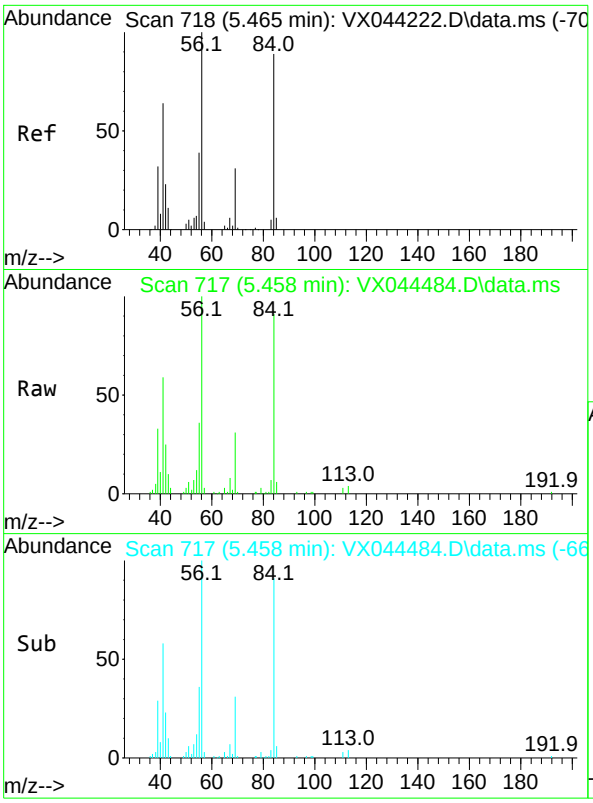


#30
Chloroform
Concen: 16.834 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 83 Resp: 60467

Ion	Ratio	Lower	Upper
83	100		
85	68.8	51.6	77.4

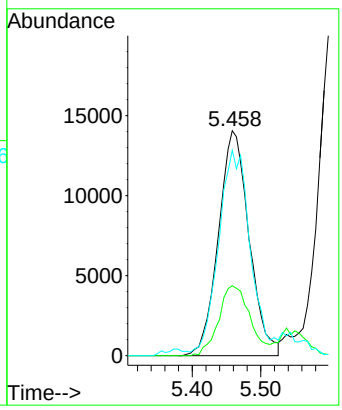




#31
Cyclohexane
Concen: 16.960 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 56 Resp: 4378

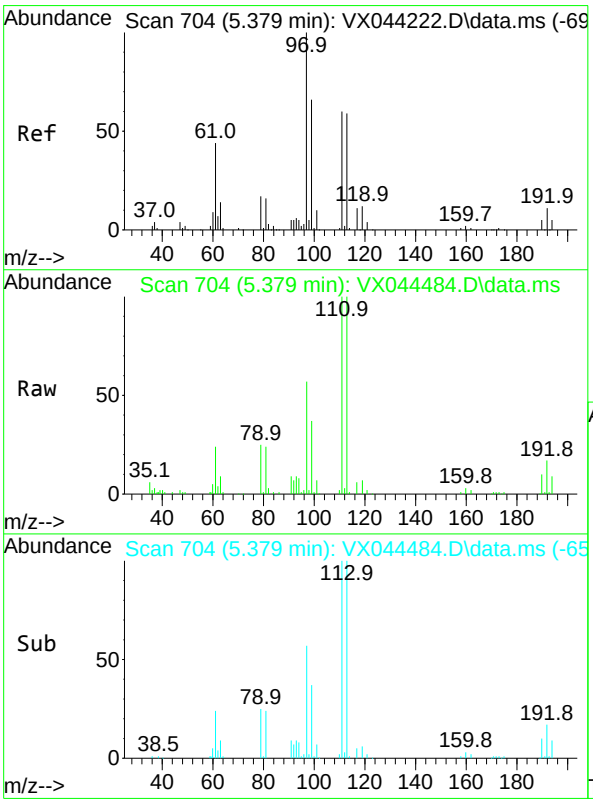
Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.7	37.1
84	88.4	71.0	106.6



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

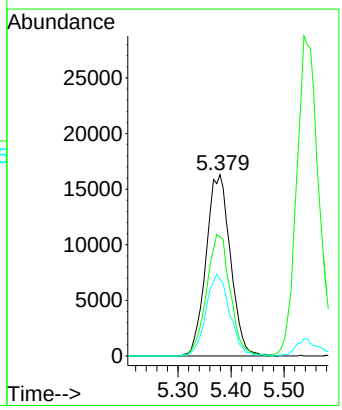
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

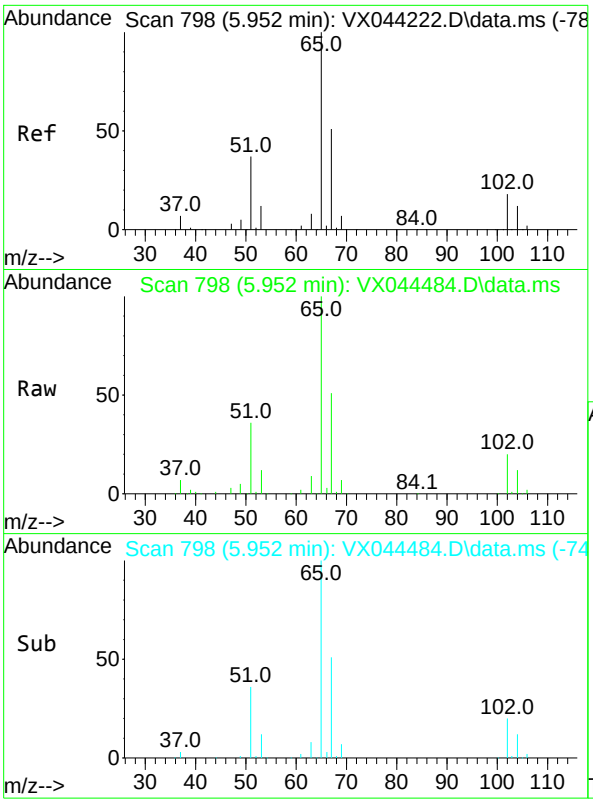


#32
1,1,1-Trichloroethane
Concen: 17.470 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 97 Resp: 52091

Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.8	76.2
61	44.0	35.2	52.8

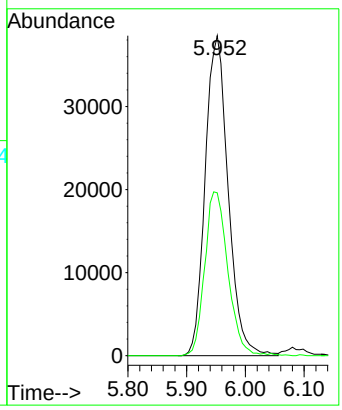




#33
1,2-Dichloroethane-d4
Concen: 43.697 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 65 Resp: 10452

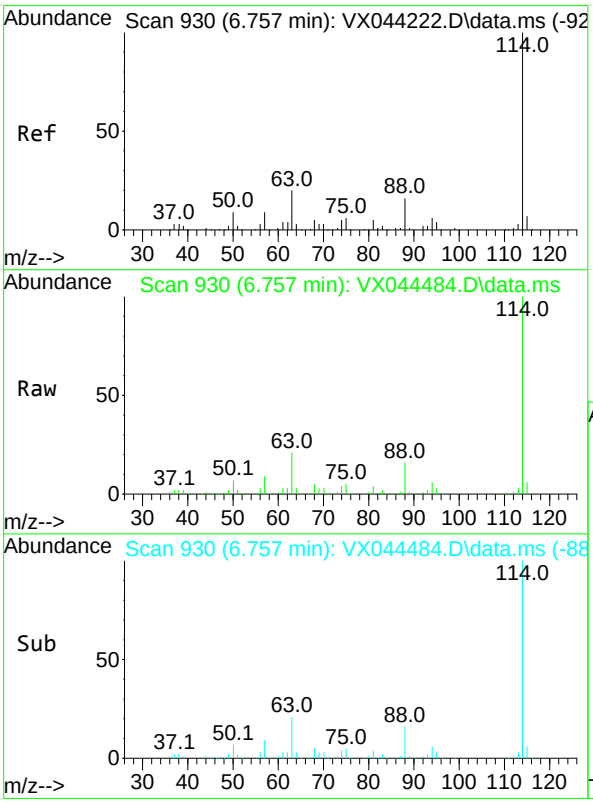
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	101.6



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

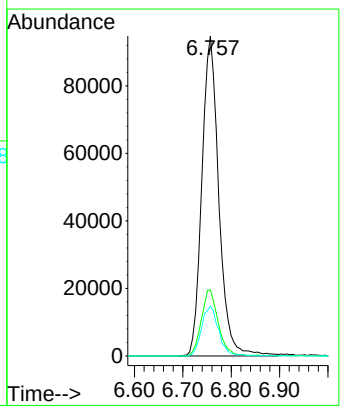
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

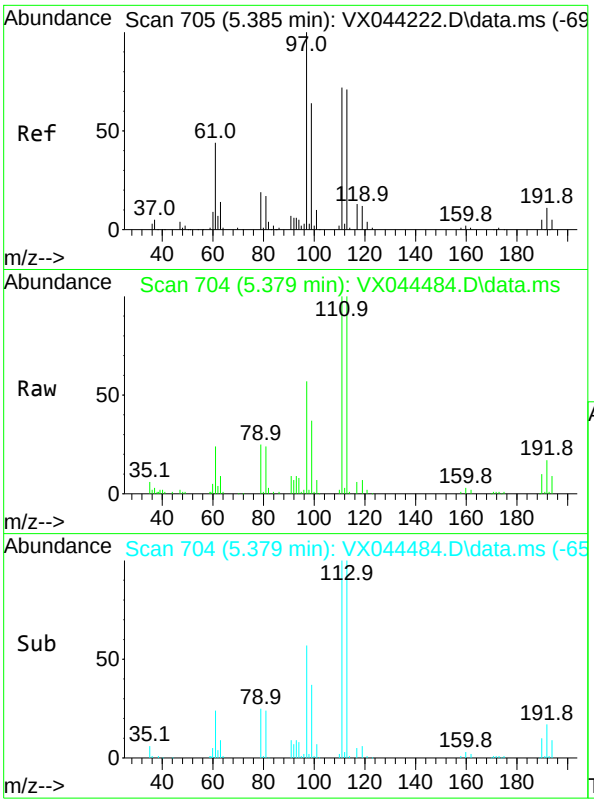


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:114 Resp: 230675

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.6
88	15.6	0.0	31.8

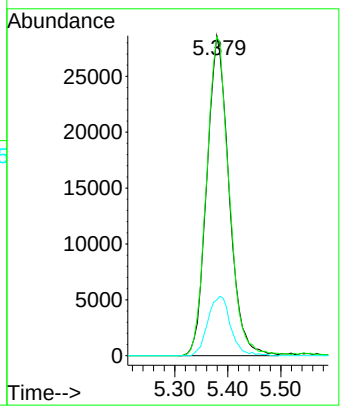




#35
Dibromofluoromethane
Concen: 52.043 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:113 Resp: 8314

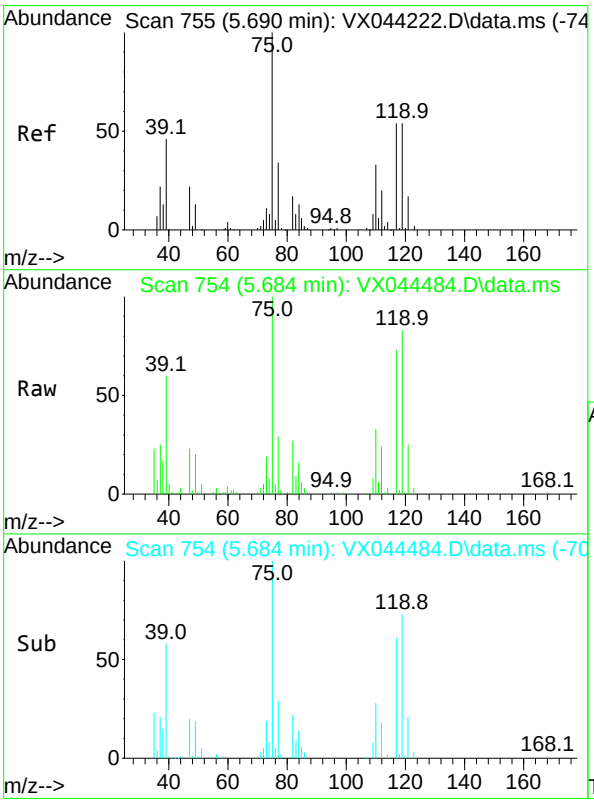
Ion	Ratio	Lower	Upper
113	100		
111	101.7	80.4	120.6
192	19.1	13.3	19.9



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations APPROVED

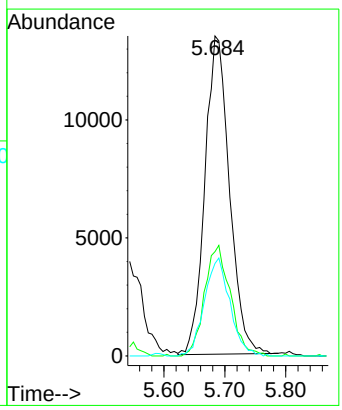
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

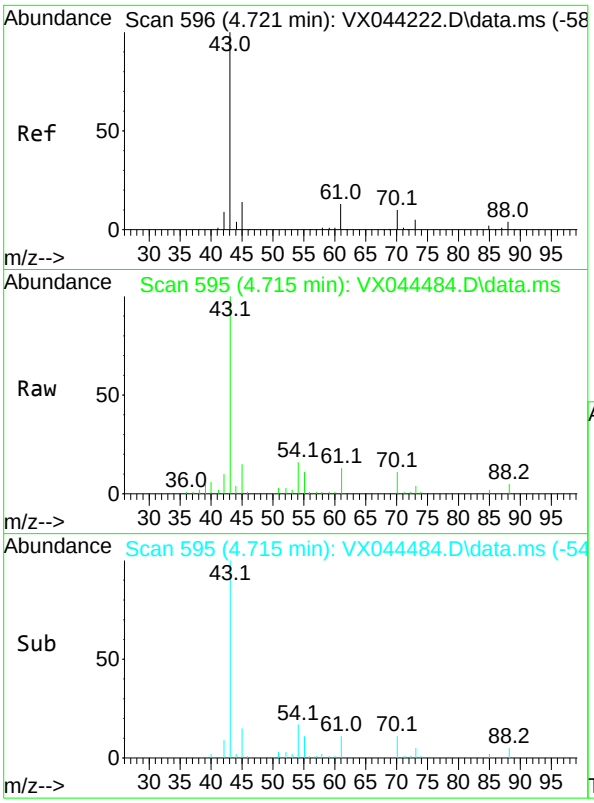


#36
1,1-Dichloropropene
Concen: 18.299 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 75 Resp: 37790

Ion	Ratio	Lower	Upper
75	100		
110	36.4	17.3	51.7
77	32.1	25.4	38.0

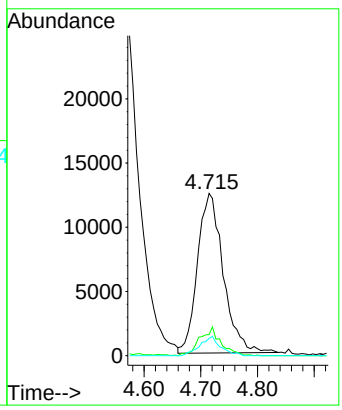




#37
Ethyl Acetate
Concen: 15.393 ug/l
RT: 4.715 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 43 Resp: 3929

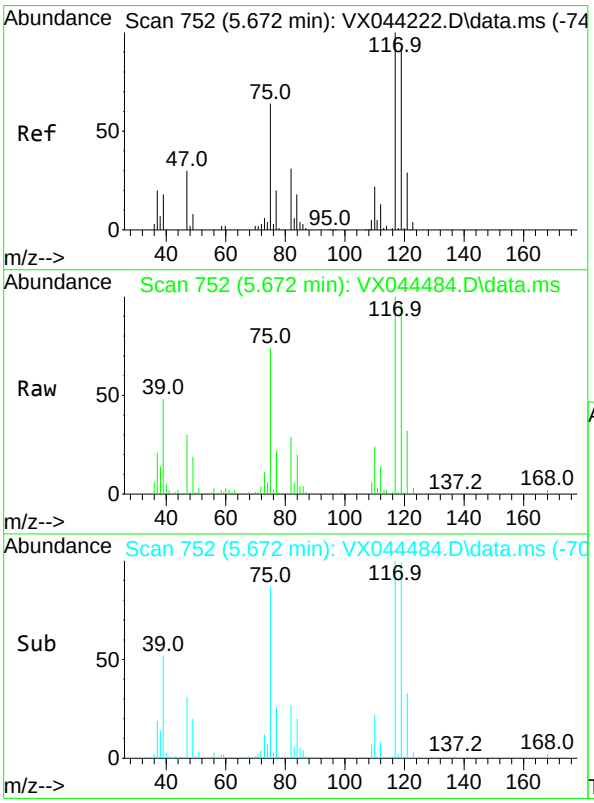
Ion	Ratio	Lower	Upper
43	100		
61	14.6	9.8	14.8
70	9.7	7.7	11.5



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

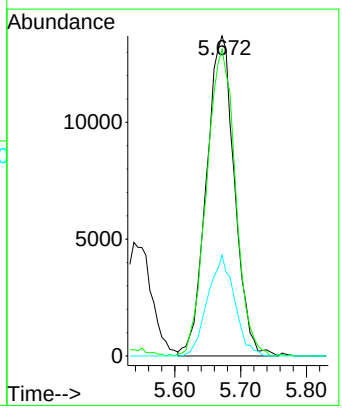
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

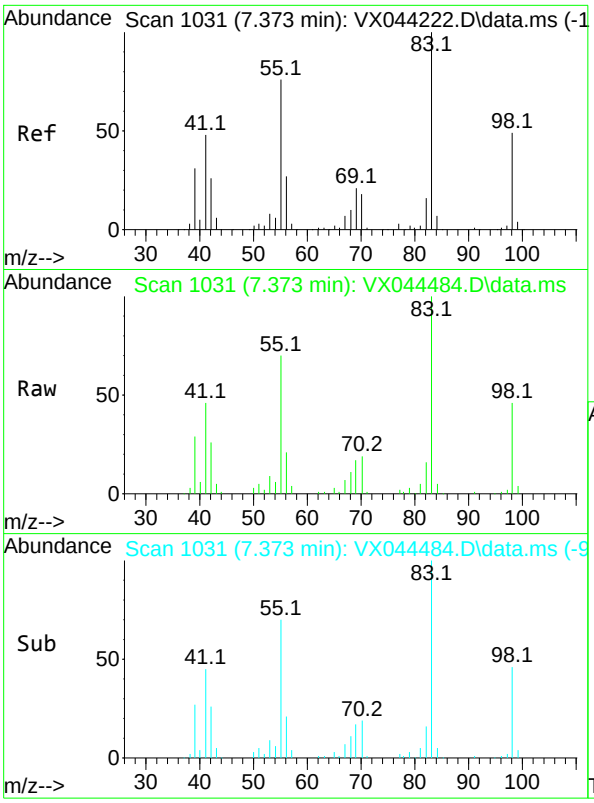


#38
Carbon Tetrachloride
Concen: 18.356 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:117 Resp: 40813

Ion	Ratio	Lower	Upper
117	100		
119	95.4	74.2	111.4
121	31.5	23.0	34.6

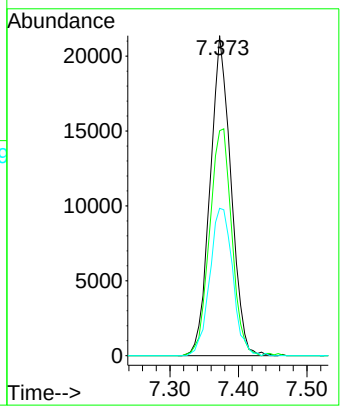




#39
Methylcyclohexane
Concen: 18.304 ug/l
RT: 7.373 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 83 Resp: 4519

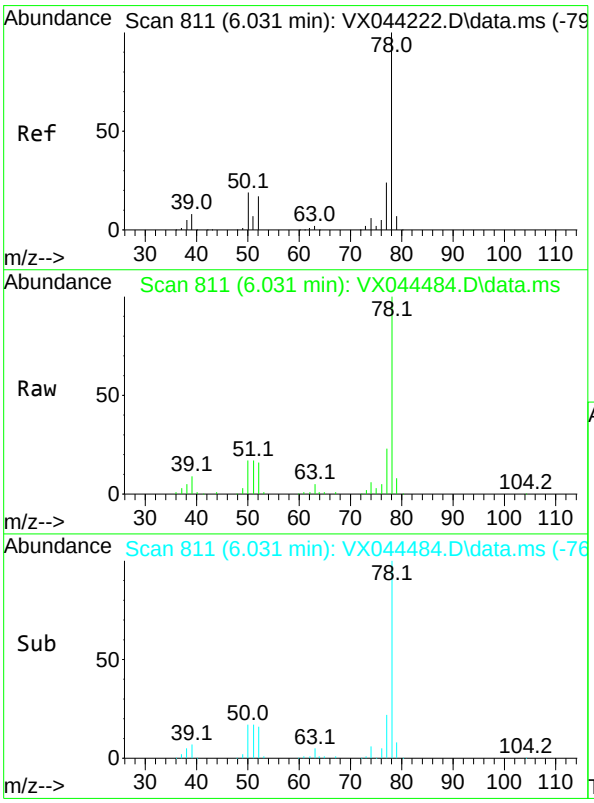
Ion	Ratio	Lower	Upper
83	100		
55	70.3	60.7	91.1
98	46.1	38.9	58.3



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

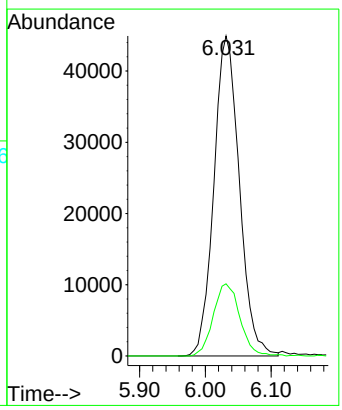
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

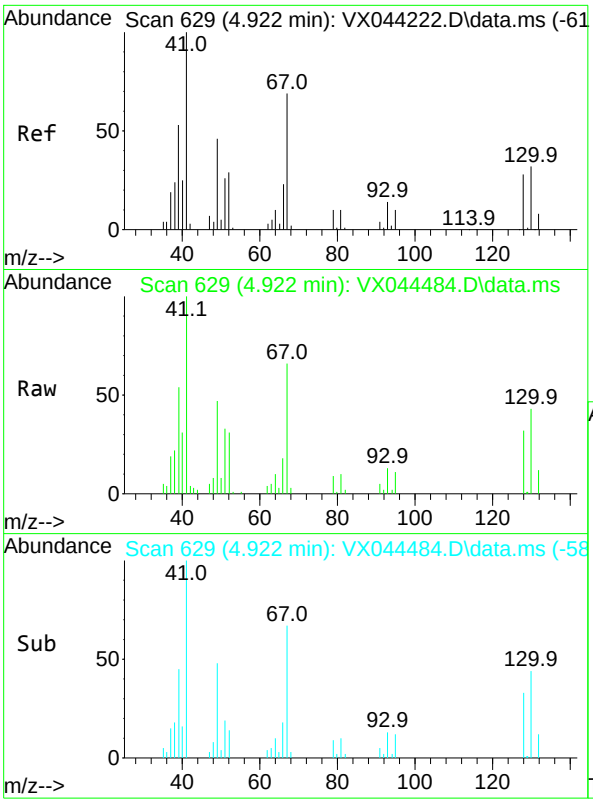


#40
Benzene
Concen: 19.316 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 78 Resp: 121112

Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.3	28.9

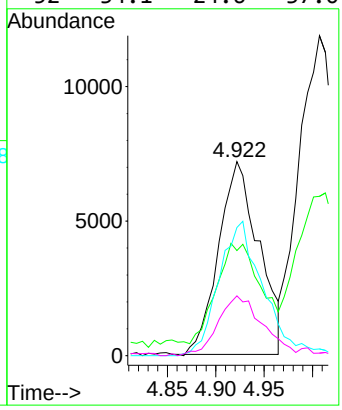




#41
Methacrylonitrile
Concen: 15.336 ug/l
RT: 4.922 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 41 Resp: 2078

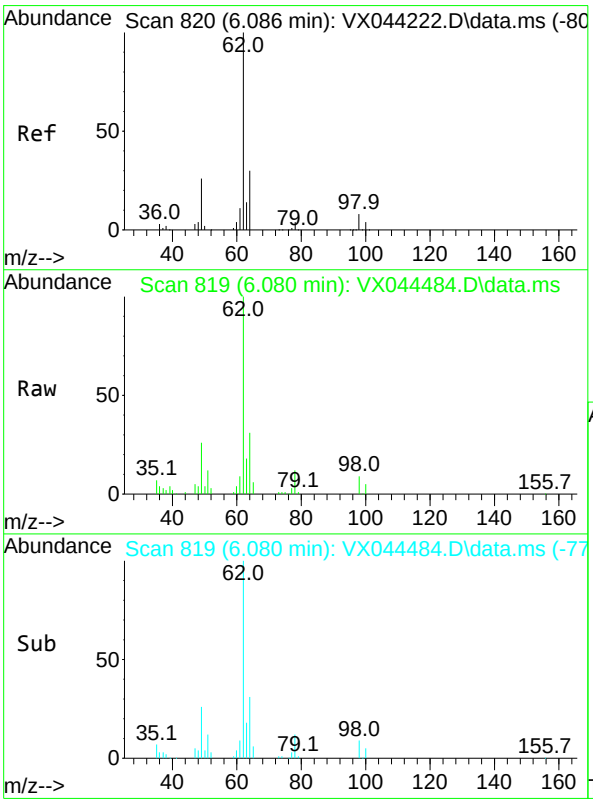
Ion	Ratio	Lower	Upper
41	100		
39	59.7	44.2	66.4
67	76.5	57.2	85.8
52	34.1	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

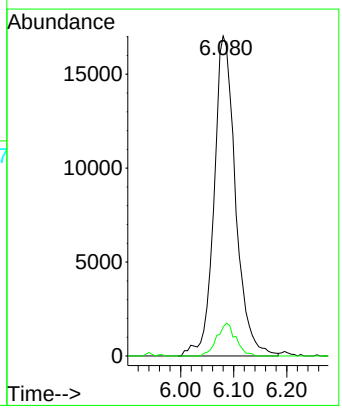
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

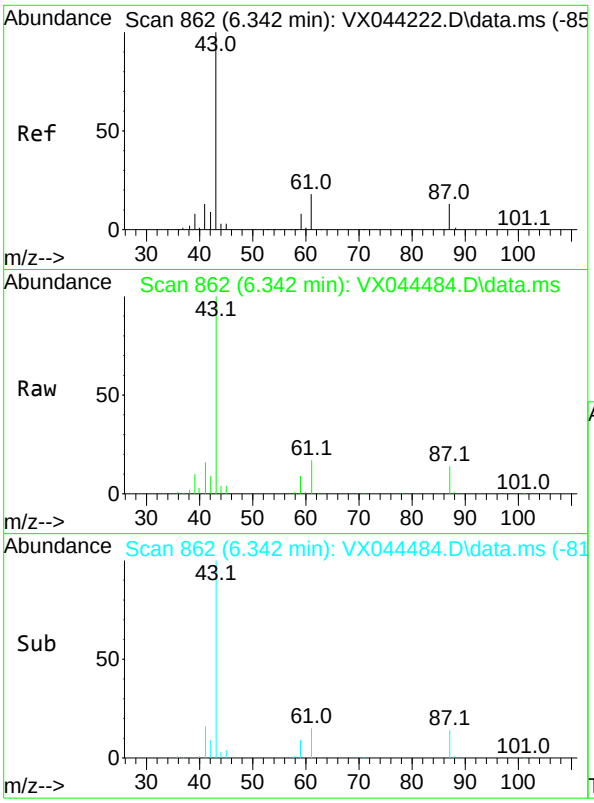


#42
1,2-Dichloroethane
Concen: 18.601 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 62 Resp: 48045

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	15.8

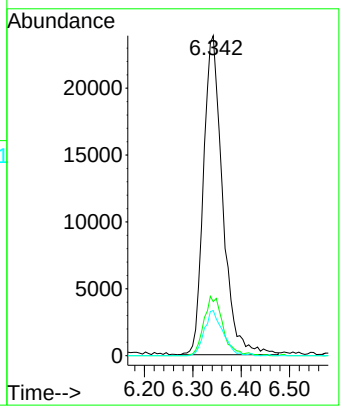




#43
Isopropyl Acetate
Concen: 16.475 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 43 Resp: 6573

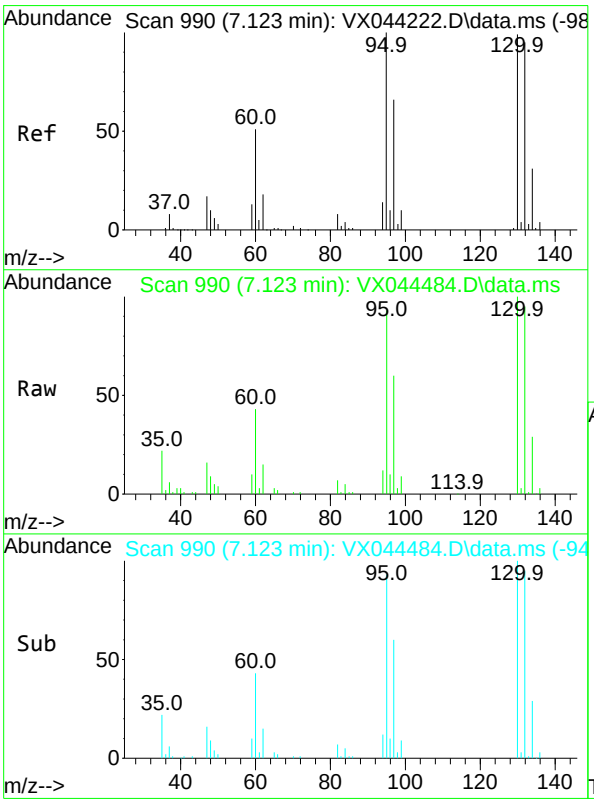
Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.2	21.2
87	13.6	10.2	15.2



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

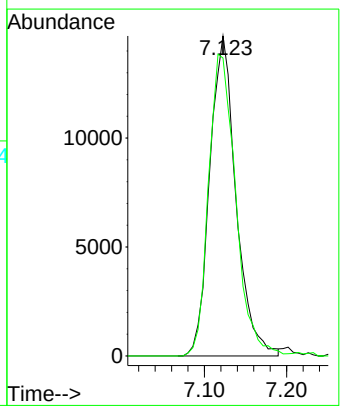
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

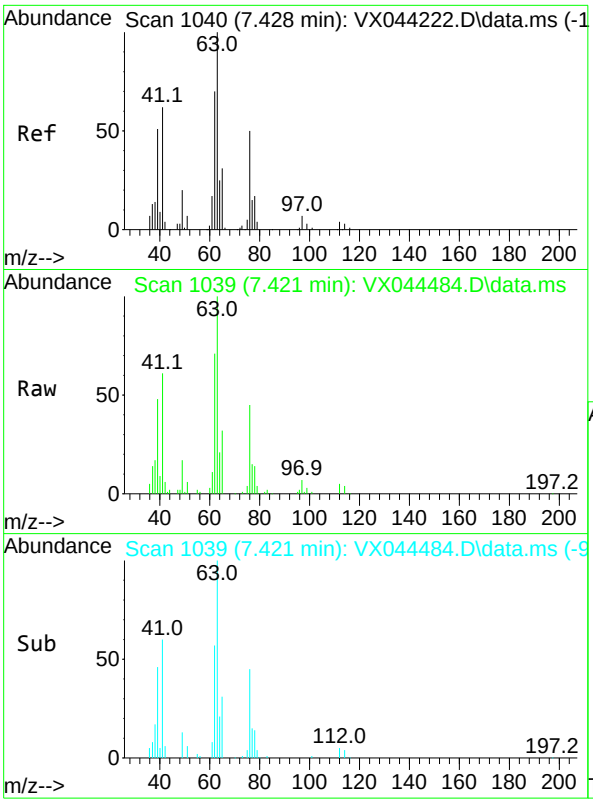


#44
Trichloroethene
Concen: 20.823 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:130 Resp: 32559

Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	201.4

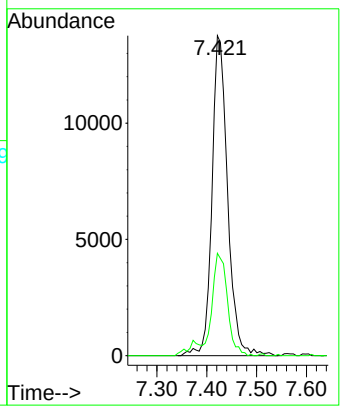




#45
1,2-Dichloropropane
Concen: 18.733 ug/l
RT: 7.421 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 63 Resp: 3000

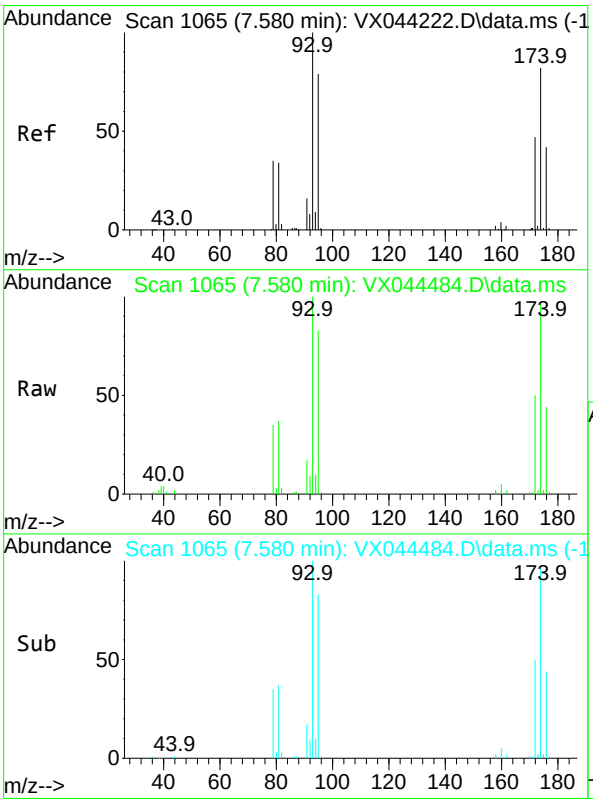
Ion	Ratio	Lower	Upper
63	100		
65	31.6	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

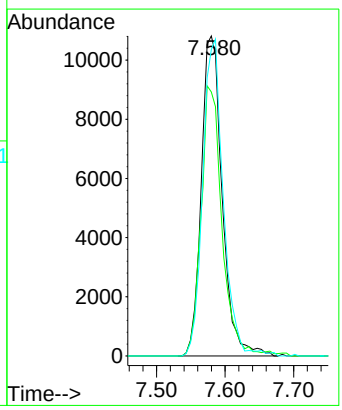
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

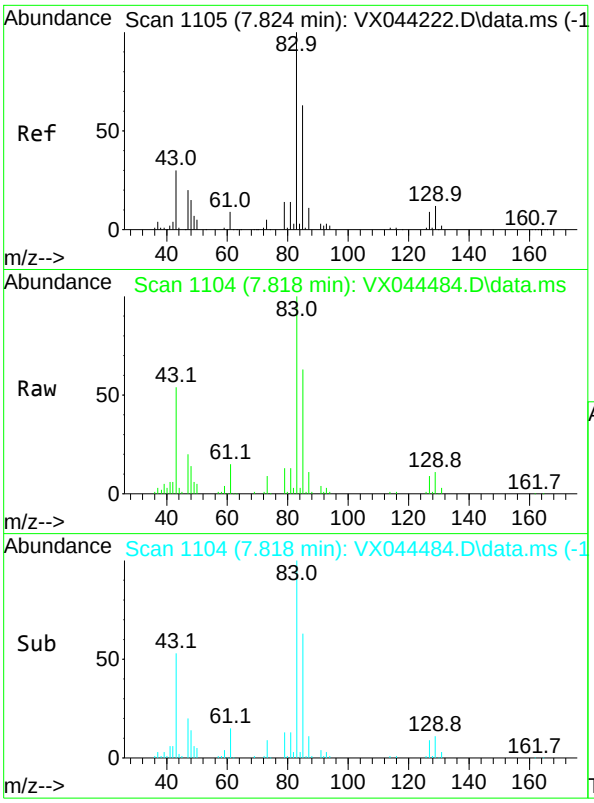


#46
Dibromomethane
Concen: 18.470 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 93 Resp: 22954

Ion	Ratio	Lower	Upper
93	100		
95	83.9	65.4	98.2
174	97.4	67.9	101.9

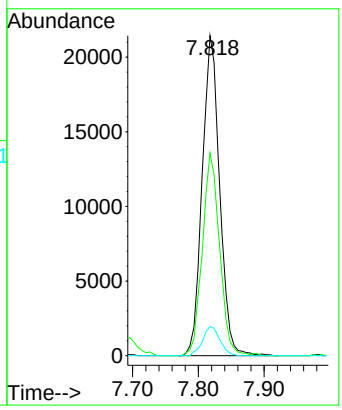




#47
Bromodichloromethane
Concen: 18.450 ug/l
RT: 7.818 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 83 Resp: 3960

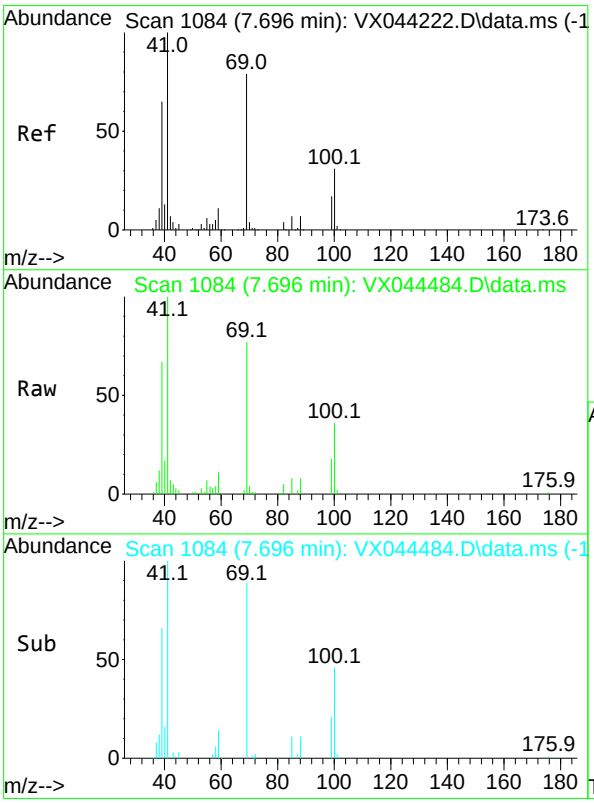
Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.6	75.8
127	9.1	7.3	10.9



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

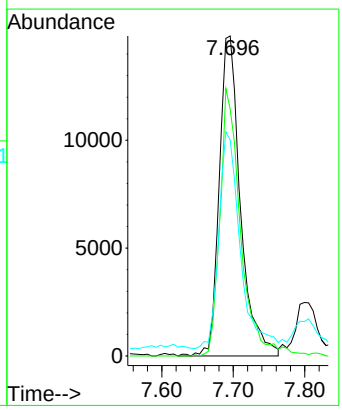
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

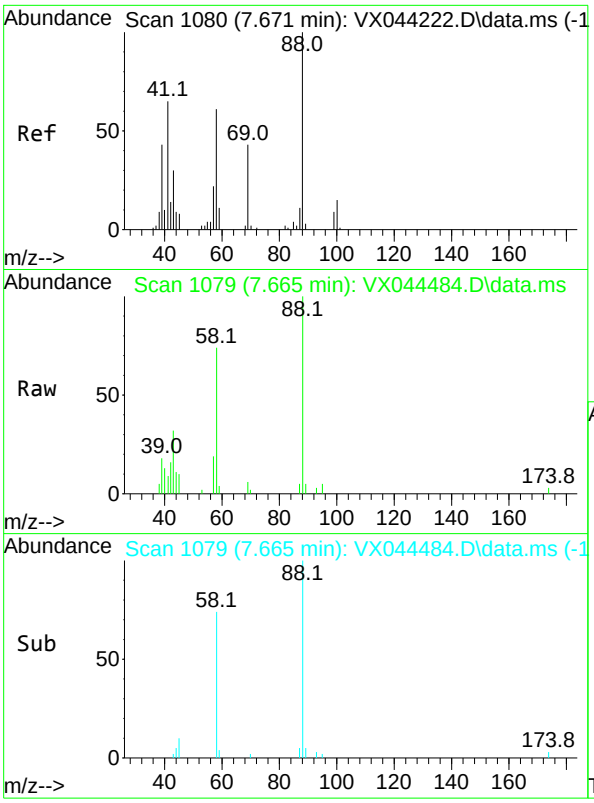


#48
Methyl methacrylate
Concen: 15.770 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 41 Resp: 30544

Ion	Ratio	Lower	Upper
41	100		
69	81.7	62.4	93.6
39	67.8	53.3	79.9





#49
1,4-Dioxane
Concen: 265.414 ug/l
RT: 7.665 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

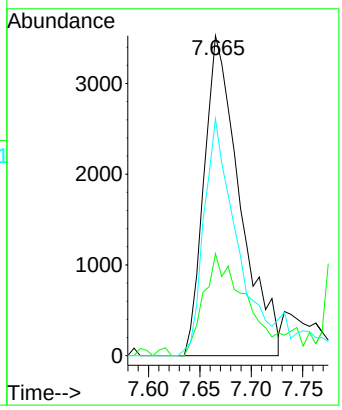
Tgt Ion: 88 Resp: 852

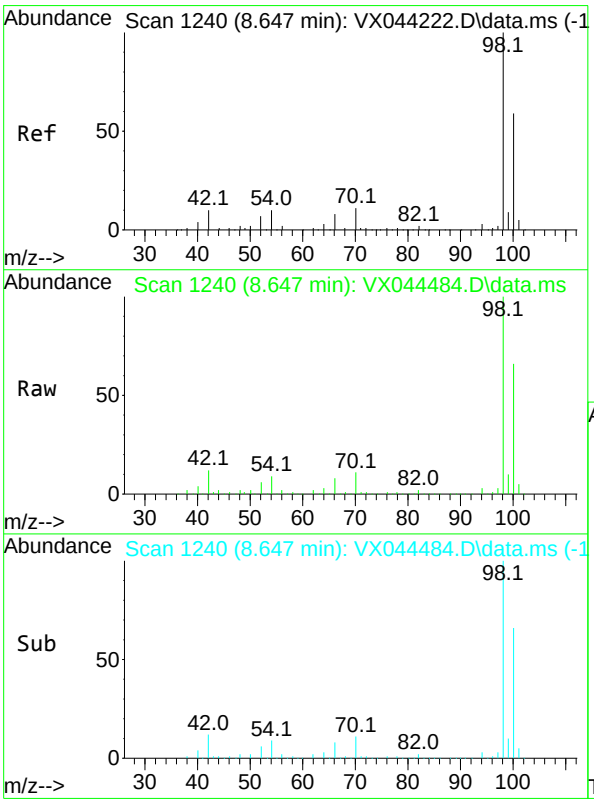
Ion	Ratio	Lower	Upper
88	100		
43	38.0	27.1	40.7
58	67.9	41.0	61.4

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

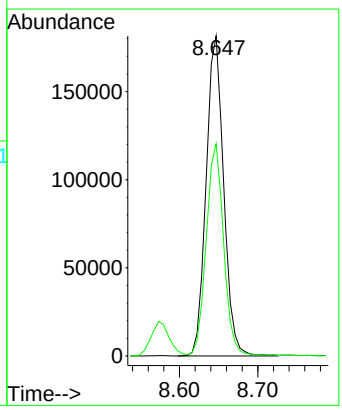


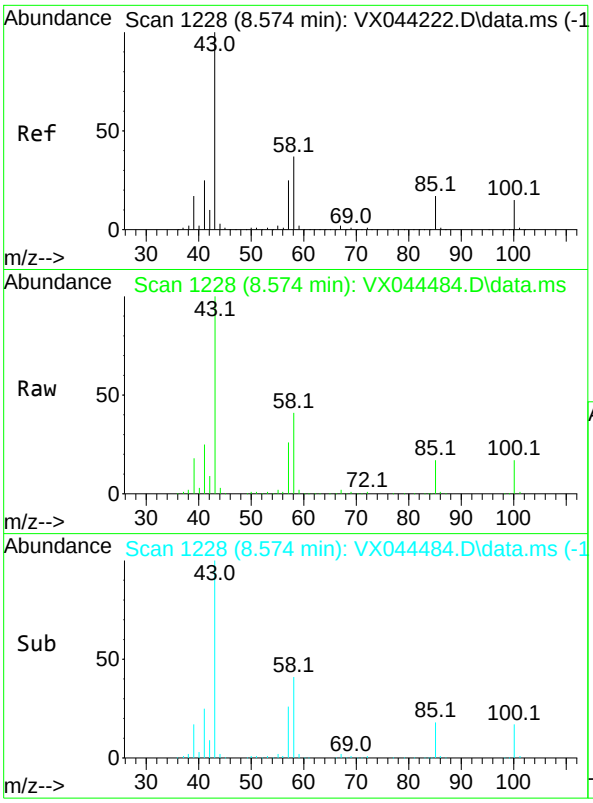


#50
Toluene-d8
Concen: 52.366 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 98 Resp: 282252

Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.5	77.3

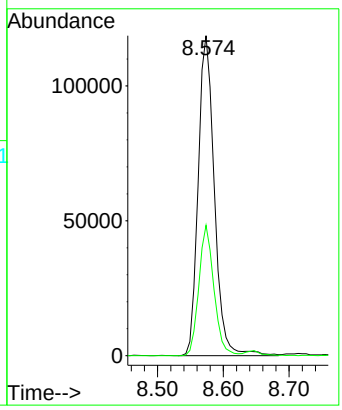




#51
4-Methyl-2-Pentanone
Concen: 79.048 ug/l
RT: 8.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 43 Resp: 20279

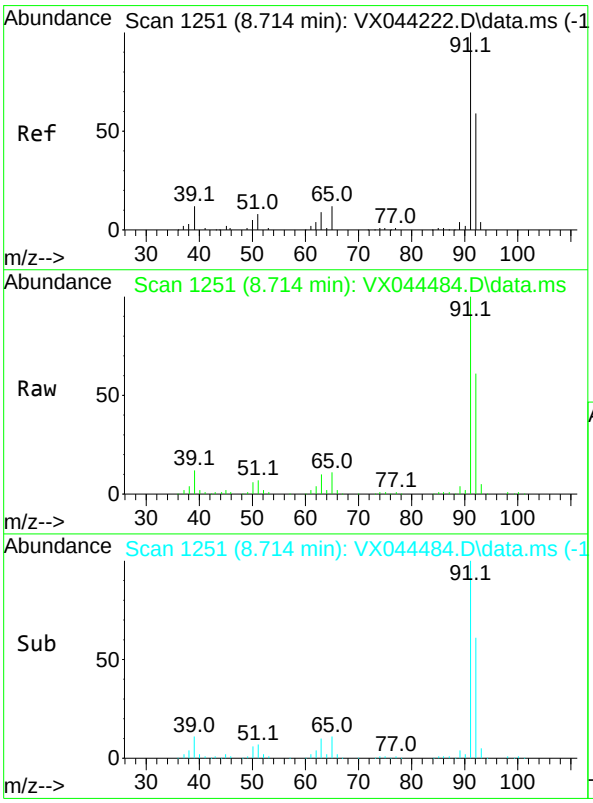
Ion	Ratio	Lower	Upper
43	100		
58	37.8	29.4	44.0



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

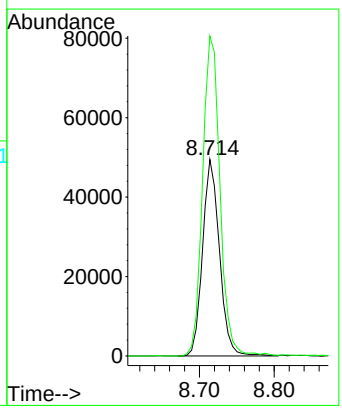
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

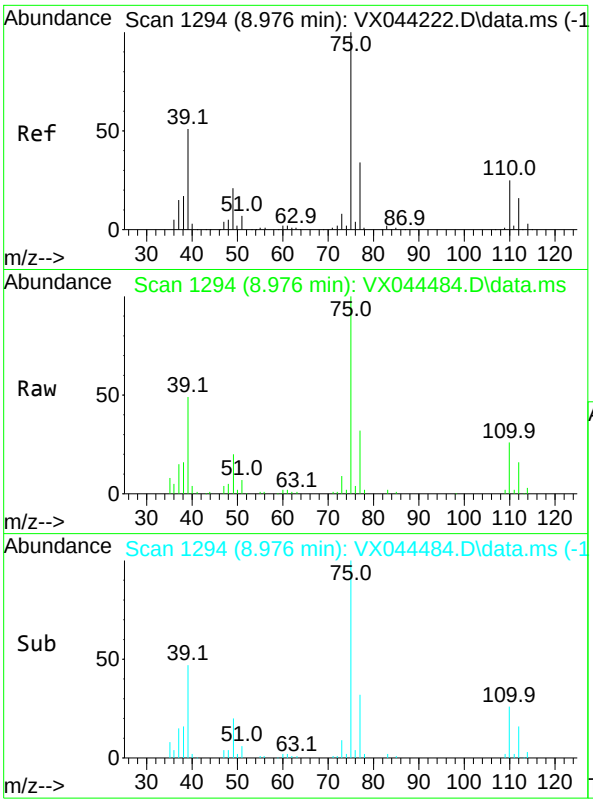


#52
Toluene
Concen: 19.696 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 92 Resp: 77555

Ion	Ratio	Lower	Upper
92	100		
91	167.9	137.0	205.6

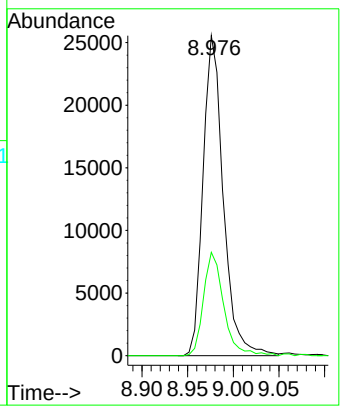




#53
t-1,3-Dichloropropene
Concen: 18.305 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 75 Resp: 3937

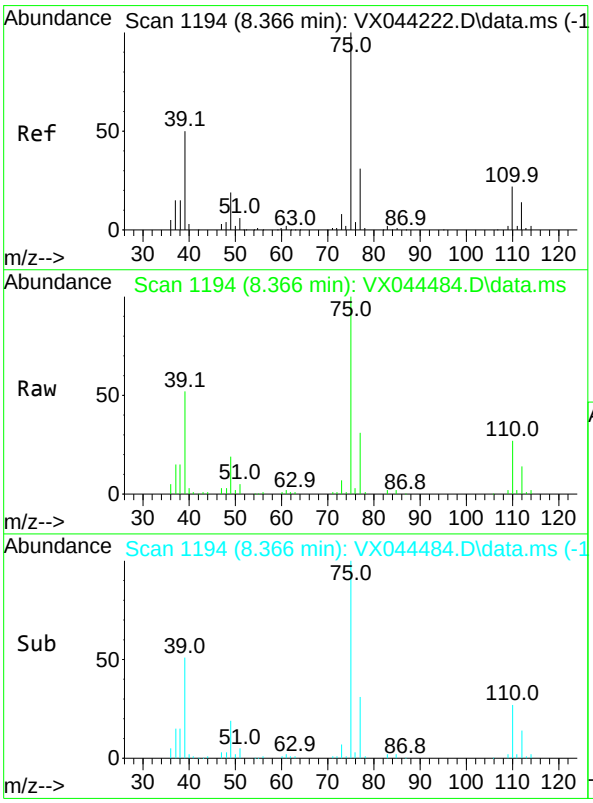
Ion	Ratio	Lower	Upper
75	100		
77	32.3	27.2	40.8



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

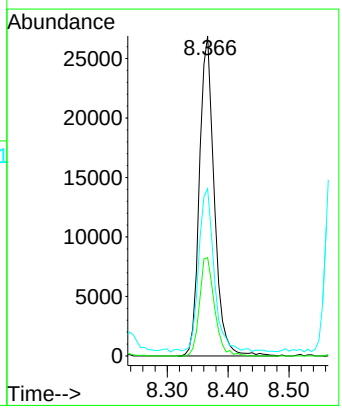
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

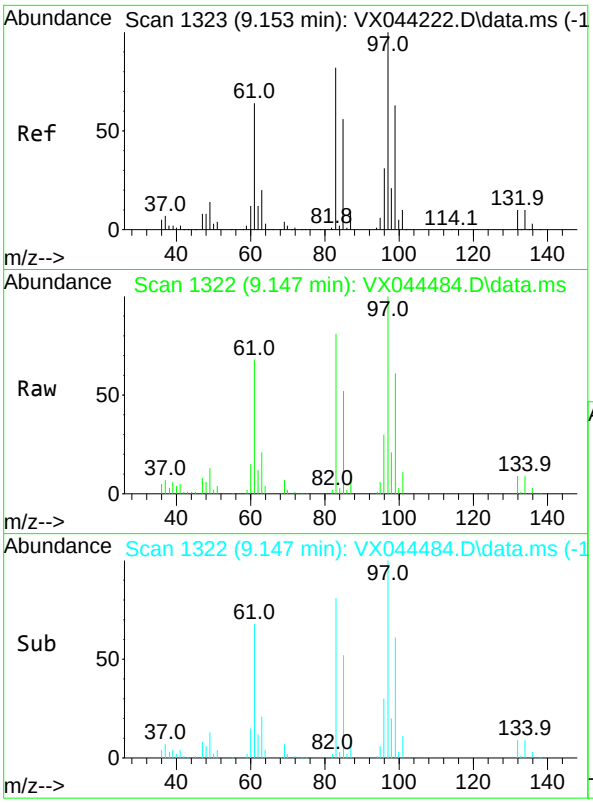


#54
cis-1,3-Dichloropropene
Concen: 19.516 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 75 Resp: 45608

Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.7	37.1
39	50.9	40.3	60.5

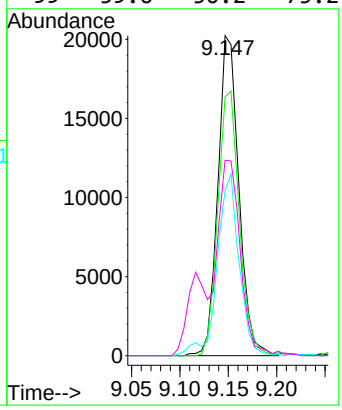




#55
1,1,2-Trichloroethane
Concen: 19.448 ug/l
RT: 9.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 97 Resp: 3042

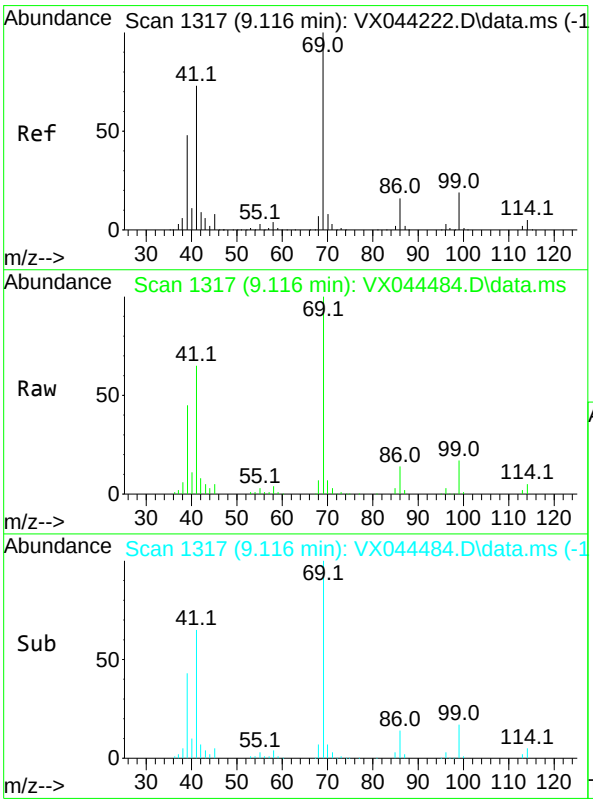
Ion	Ratio	Lower	Upper
97	100		
83	80.8	65.3	97.9
85	51.1	44.6	67.0
99	59.6	50.2	75.2



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations APPROVED

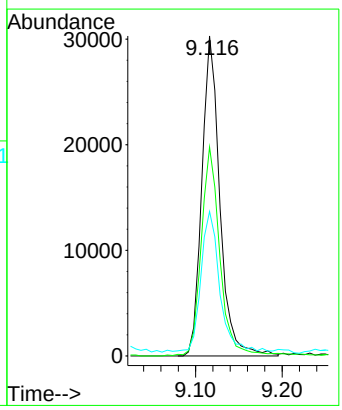
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

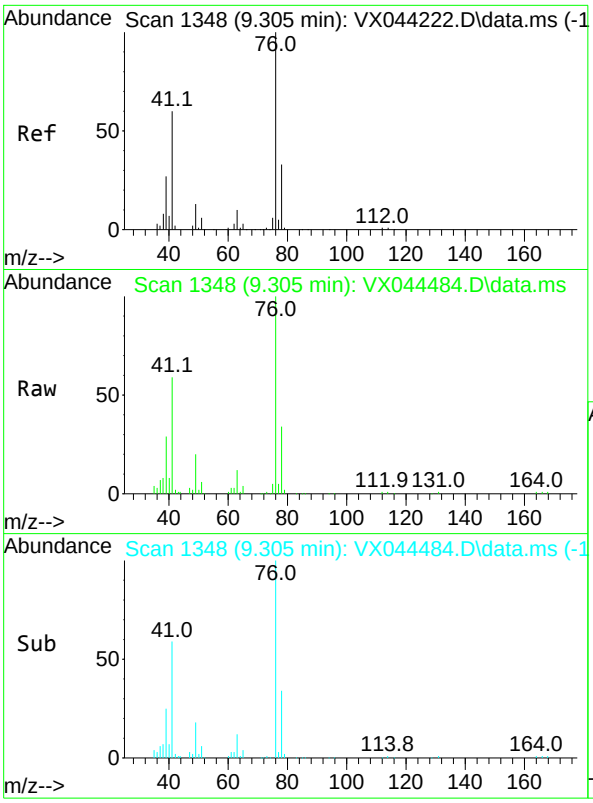


#56
Ethyl methacrylate
Concen: 17.707 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 69 Resp: 43727

Ion	Ratio	Lower	Upper
69	100		
41	68.6	56.6	85.0
39	46.2	37.4	56.0

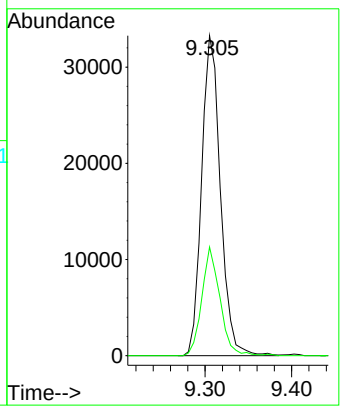




#57
1,3-Dichloropropane
Concen: 18.421 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 76 Resp: 5015

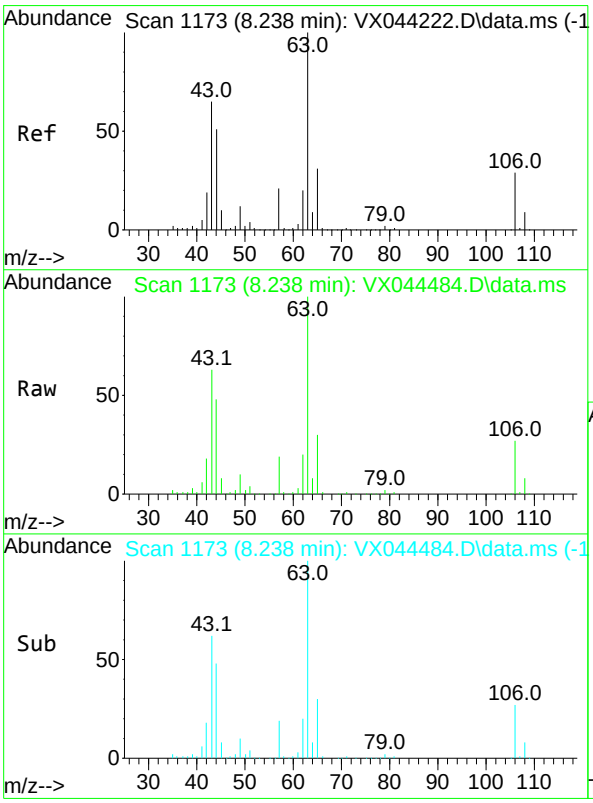
Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

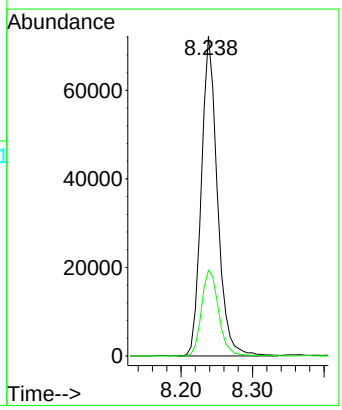
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

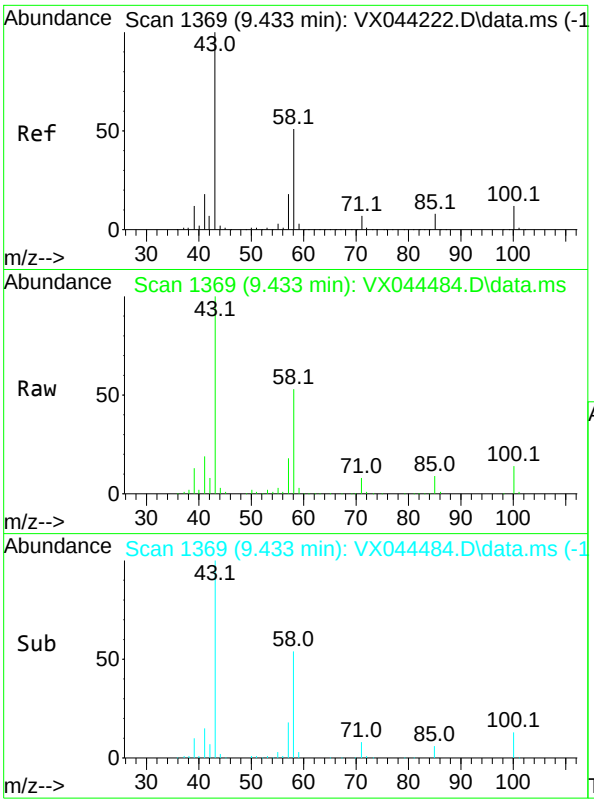


#58
2-Chloroethyl Vinyl ether
Concen: 90.532 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 63 Resp: 112759

Ion	Ratio	Lower	Upper
63	100		
106	28.6	22.8	34.2





#59
2-Hexanone
Concen: 78.199 ug/l
RT: 9.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

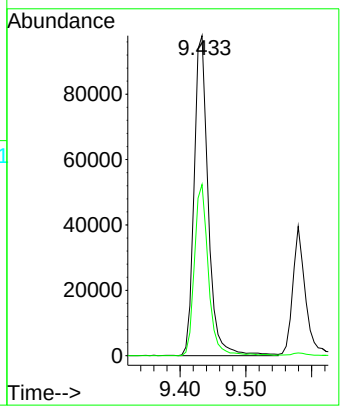
Tgt Ion: 43 Resp: 14521

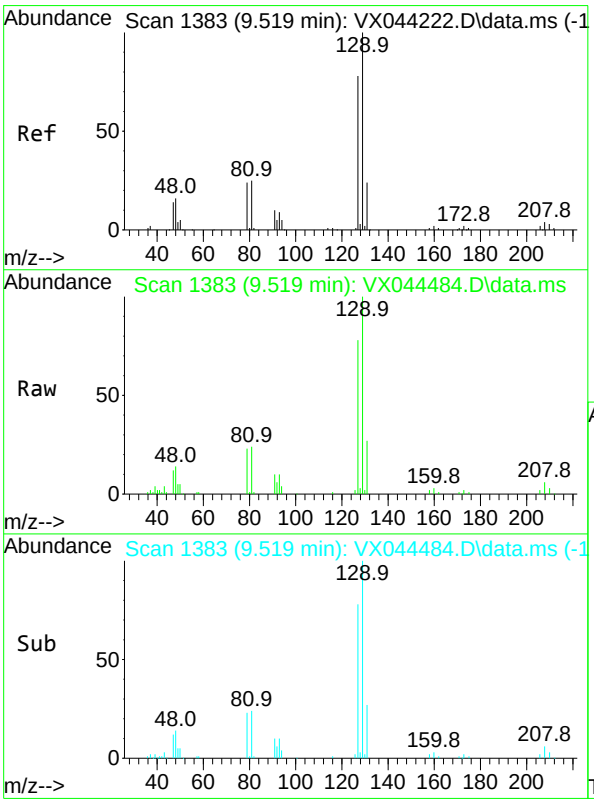
Ion	Ratio	Lower	Upper
43	100		
58	52.6	25.7	77.0

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

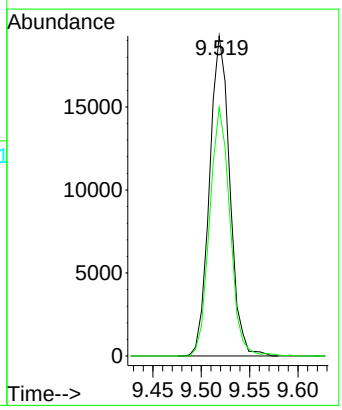


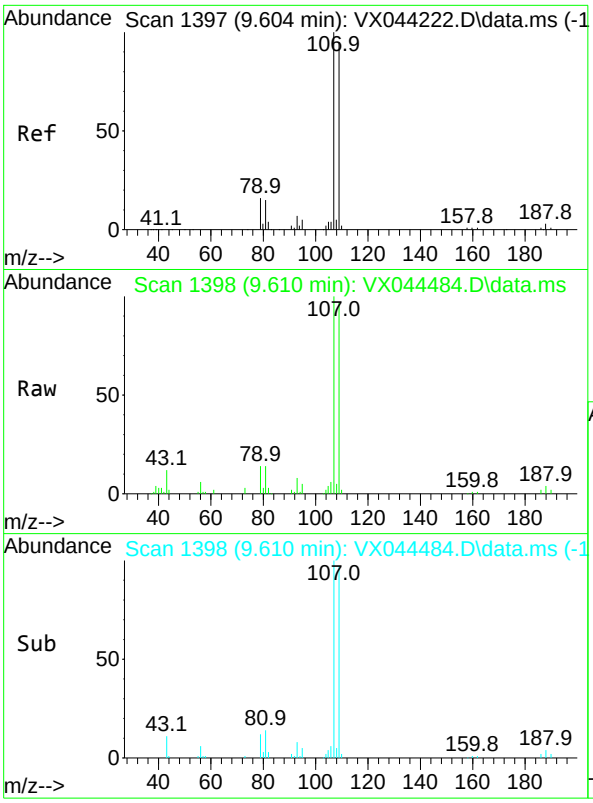


#60
Dibromochloromethane
Concen: 18.262 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:129 Resp: 28097

Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.5	115.3

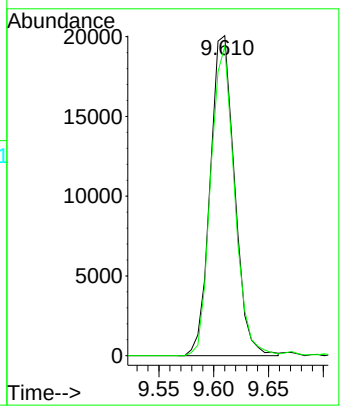




#61
1,2-Dibromoethane
Concen: 19.484 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:107 Resp: 3102

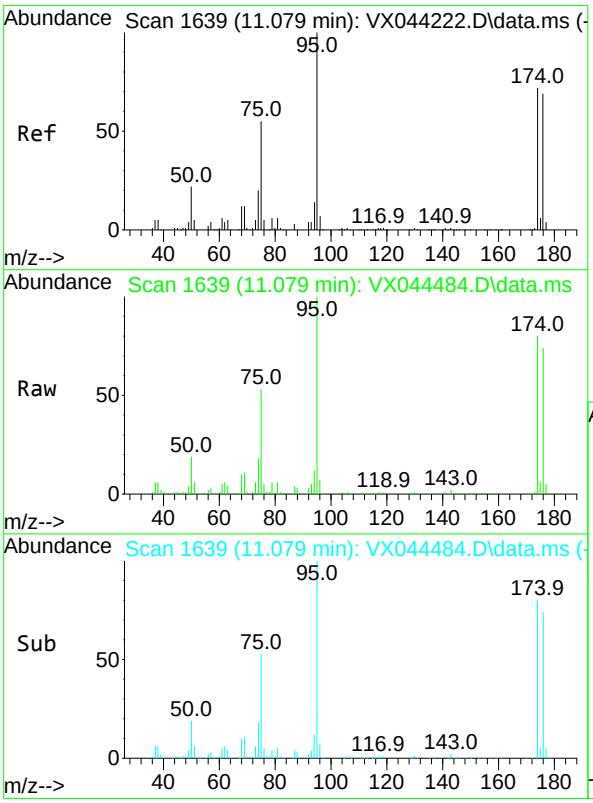
Ion	Ratio	Lower	Upper
107	100		
109	94.4	77.0	115.4



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations APPROVED

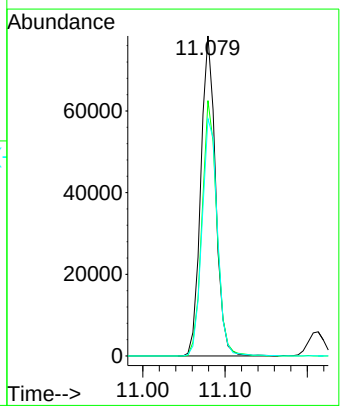
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

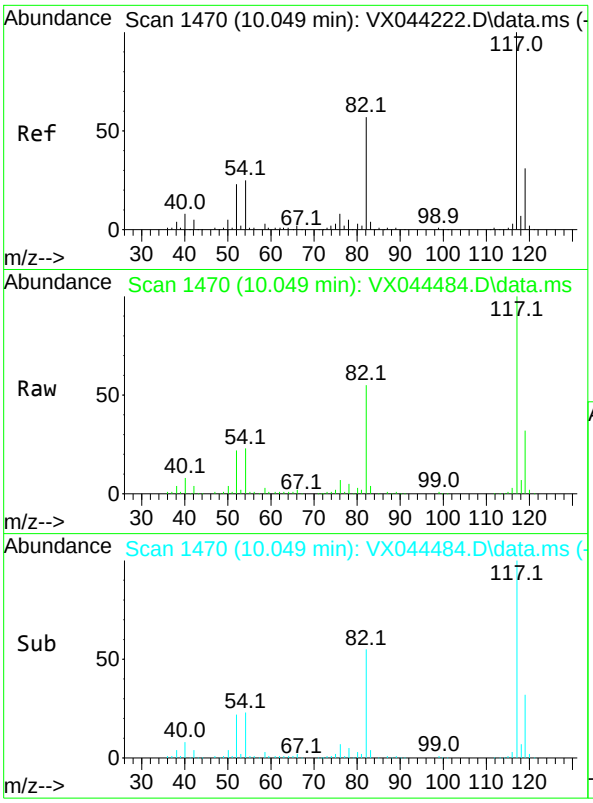


#62
4-Bromofluorobenzene
Concen: 52.054 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 95 Resp: 98037

Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	145.8
176	77.2	0.0	137.8

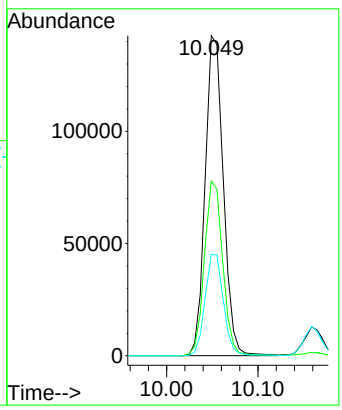




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:117 Resp: 19777

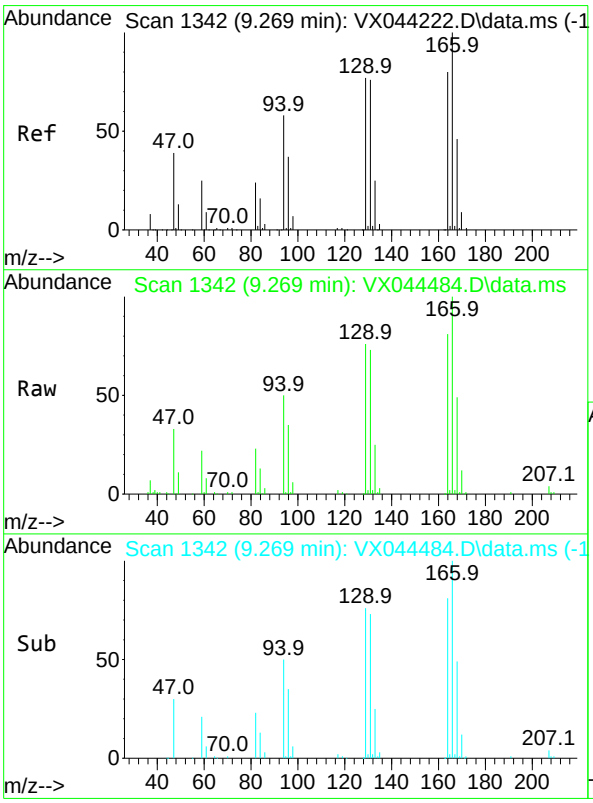
Ion	Ratio	Lower	Upper
117	100		
82	54.6	45.8	68.8
119	31.7	25.0	37.4



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations APPROVED

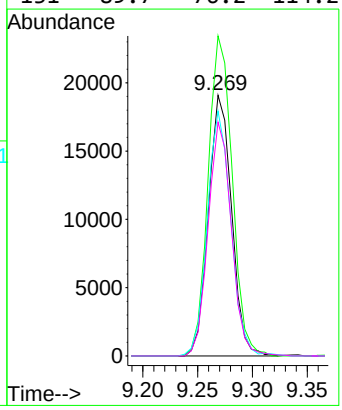
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

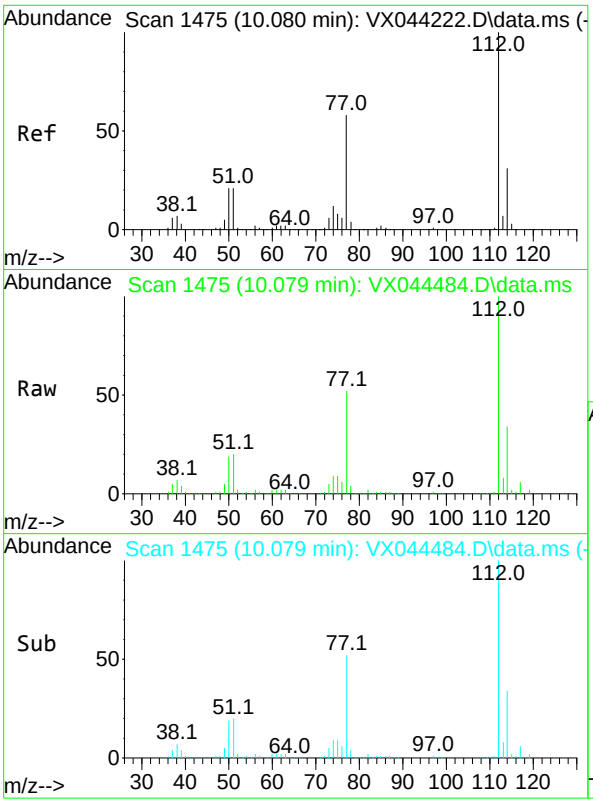


#64
Tetrachloroethene
Concen: 21.455 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:164 Resp: 28163

Ion	Ratio	Lower	Upper
164	100		
166	122.8	100.4	150.6
129	93.9	77.2	115.8
131	89.7	76.2	114.2

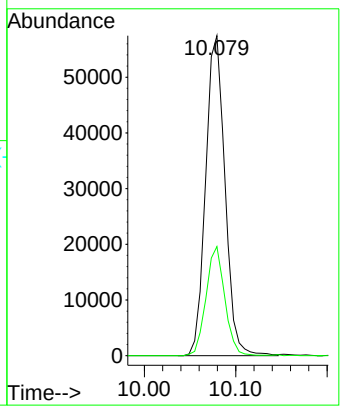




#65
Chlorobenzene
Concen: 19.887 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:112 Resp: 8427

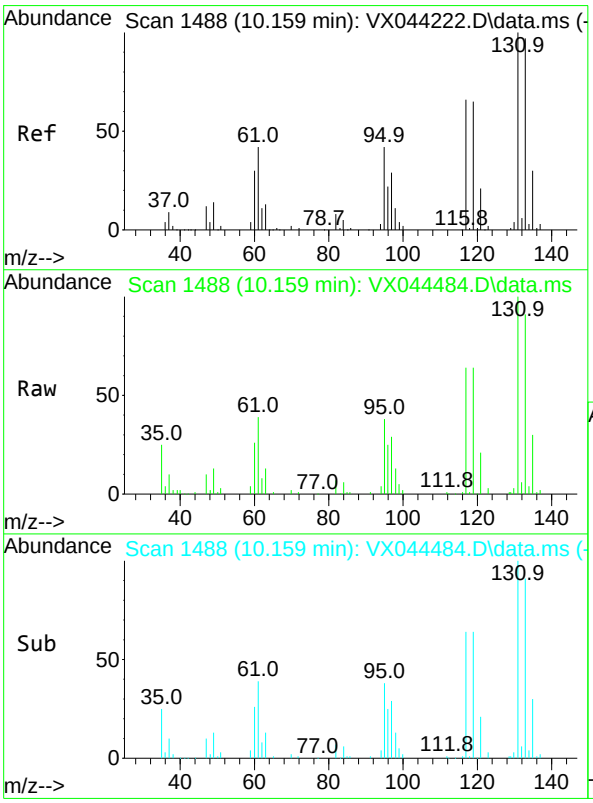
Ion	Ratio	Lower	Upper
112	100		
114	34.1	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

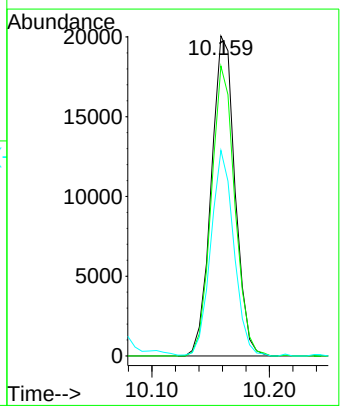
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

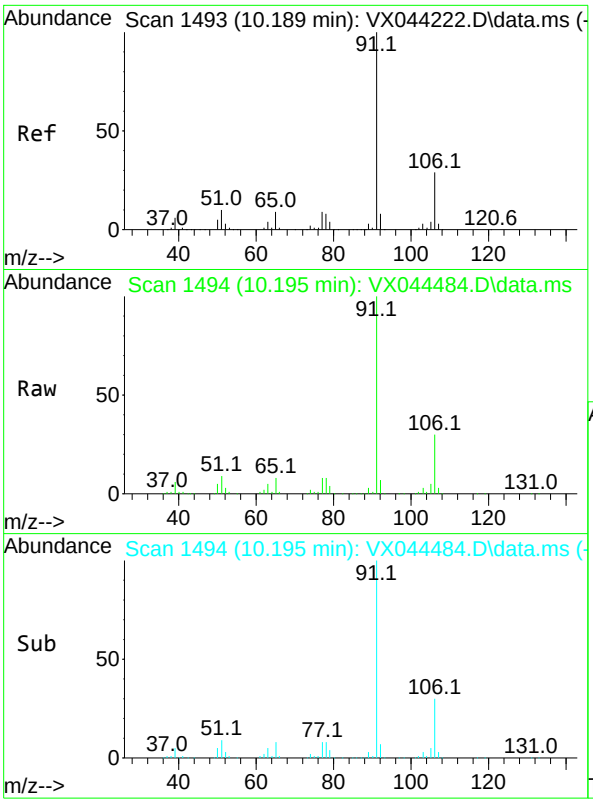


#66
1,1,1,2-Tetrachloroethane
Concen: 20.684 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:131 Resp: 28171

Ion	Ratio	Lower	Upper
131	100		
133	89.6	47.3	141.8
119	62.3	31.6	95.0





#67
Ethyl Benzene
Concen: 19.568 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

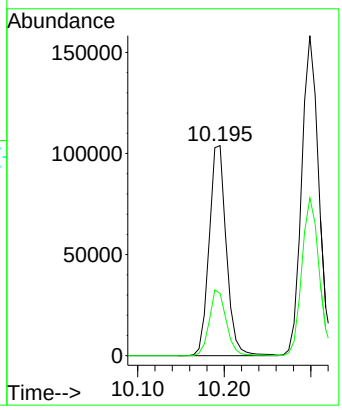
Tgt Ion: 91 Resp: 14328

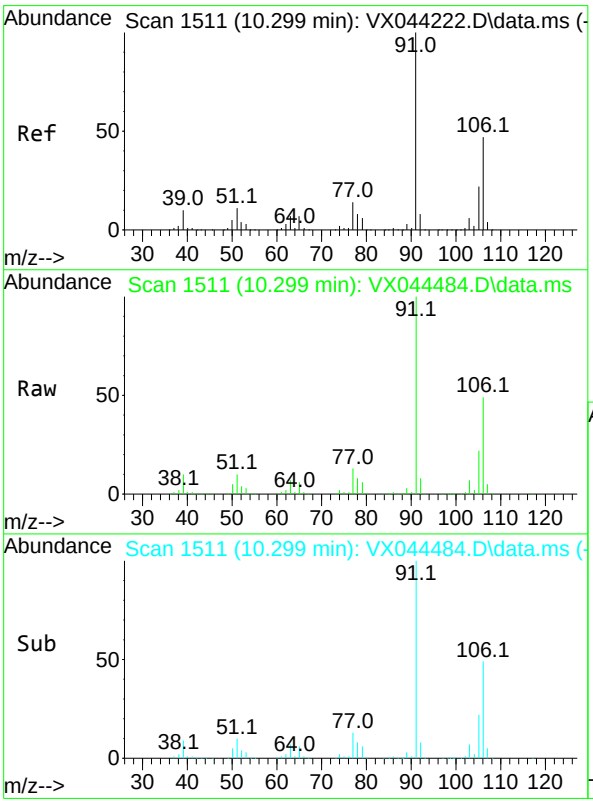
Ion	Ratio	Lower	Upper
91	100		
106	29.6	23.5	35.3

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
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Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

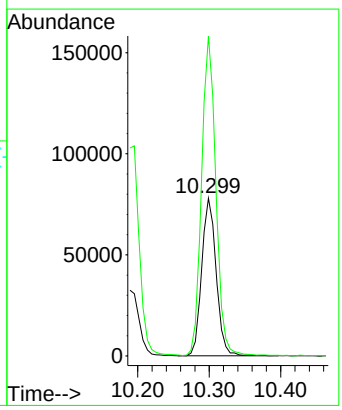


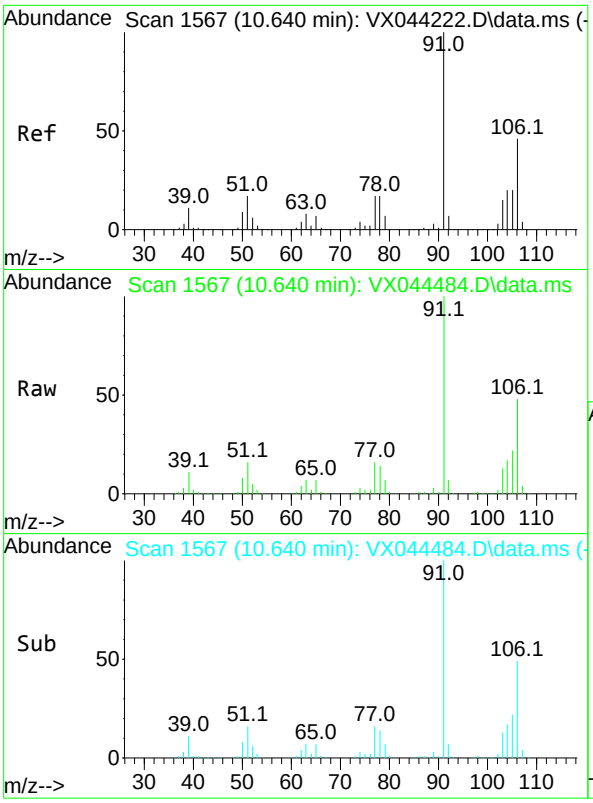


#68
m/p-Xylenes
Concen: 40.631 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:106 Resp: 109170

Ion	Ratio	Lower	Upper
106	100		
91	201.8	170.2	255.2

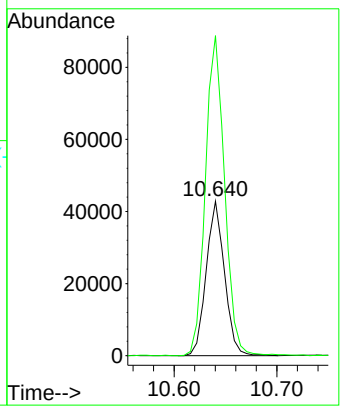




#69
o-Xylene
Concen: 19.517 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:106 Resp: 5305

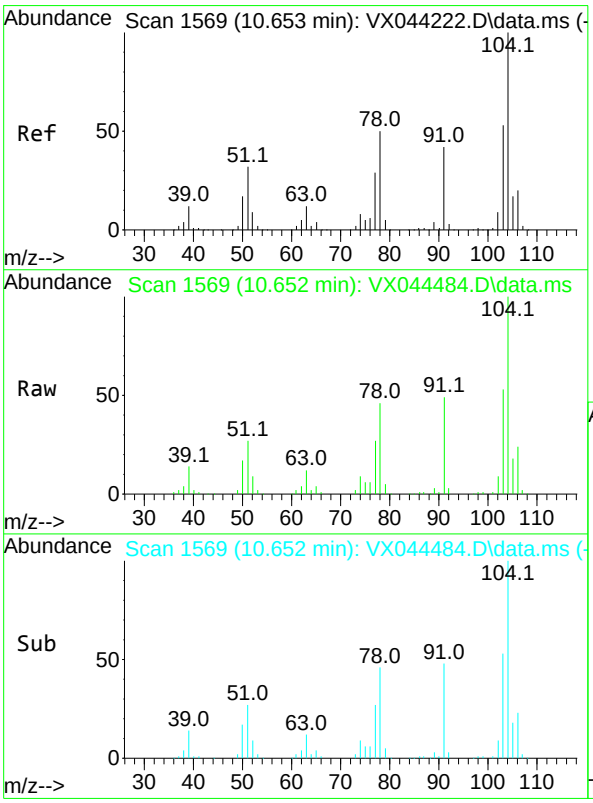
Ion	Ratio	Lower	Upper
106	100		
91	217.5	112.3	337.0



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations APPROVED

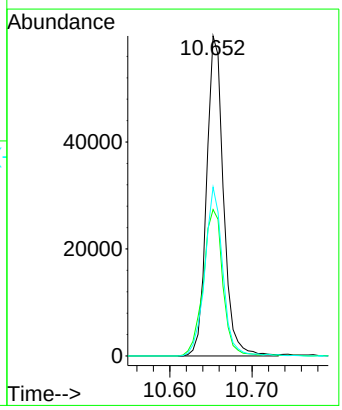
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

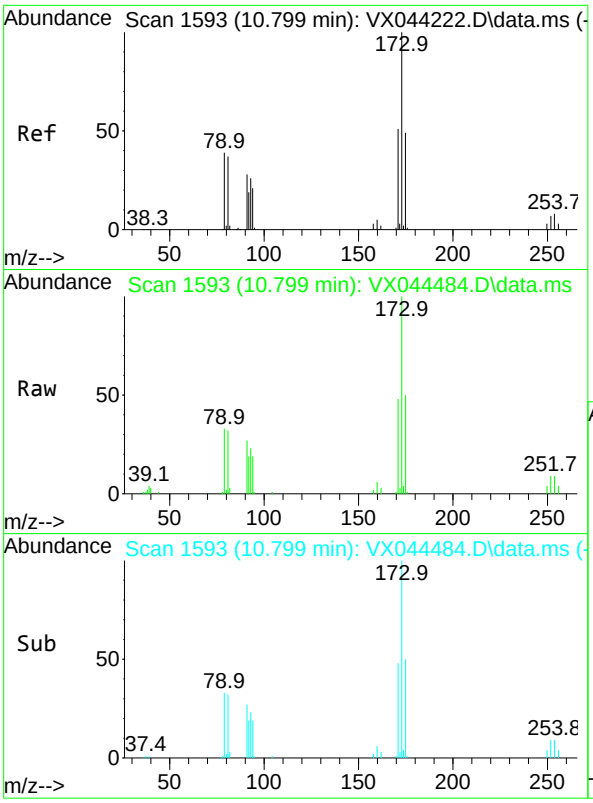


#70
Styrene
Concen: 19.580 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:104 Resp: 85331

Ion	Ratio	Lower	Upper
104	100		
78	52.9	44.6	67.0
103	56.1	45.4	68.0

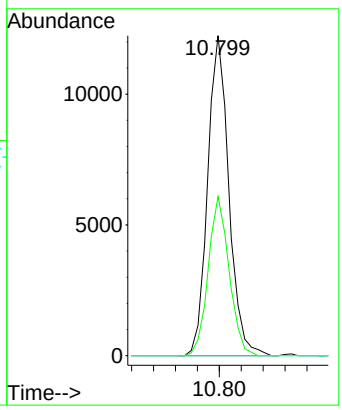




#71
Bromoform
Concen: 19.239 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:173 Resp: 1641

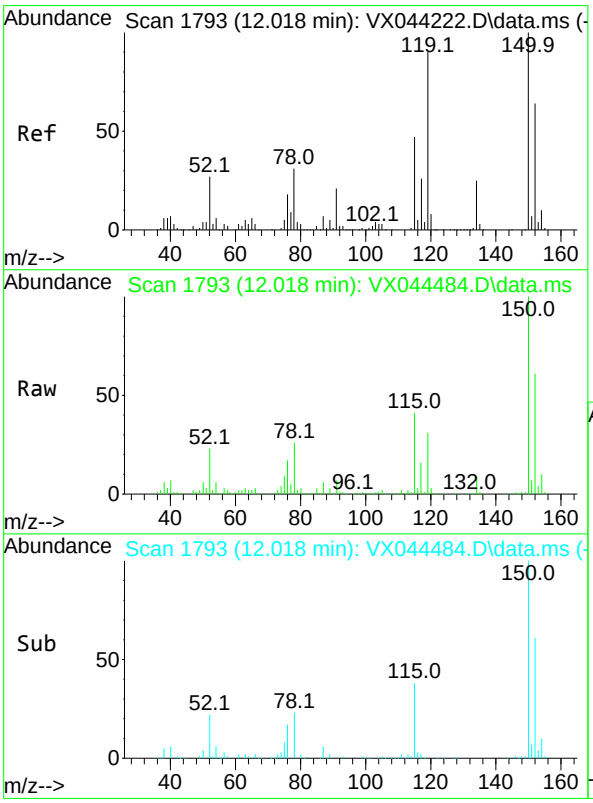
Ion	Ratio	Lower	Upper
173	100		
175	49.0	23.8	71.4
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

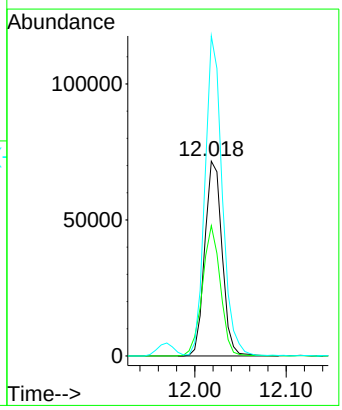
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

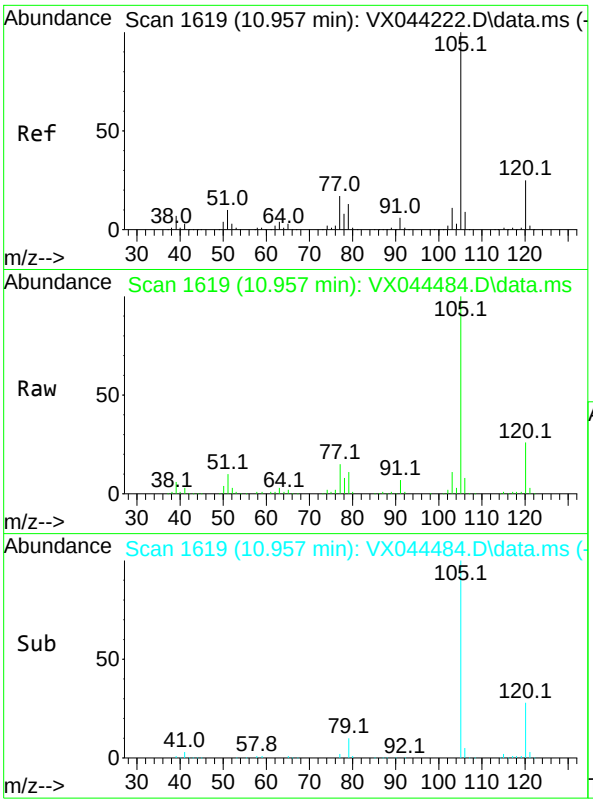


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:152 Resp: 93712

Ion	Ratio	Lower	Upper
152	100		
115	69.6	44.5	133.3
150	163.6	0.0	353.8

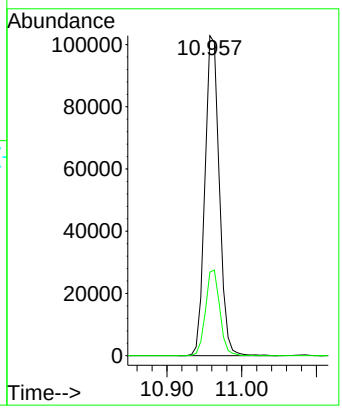




#73
Isopropylbenzene
Concen: 19.118 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:105 Resp: 13715

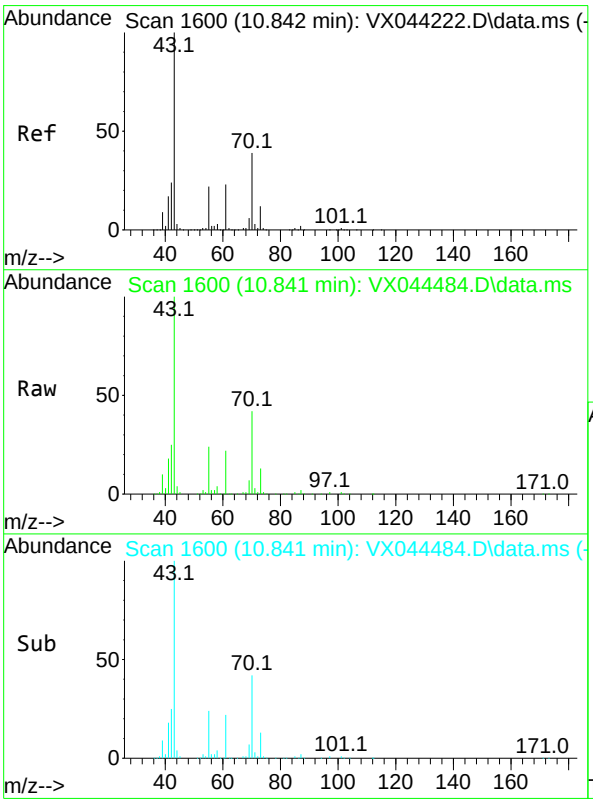
Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.1	39.3



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations APPROVED

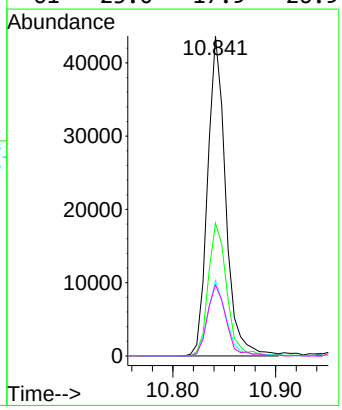
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

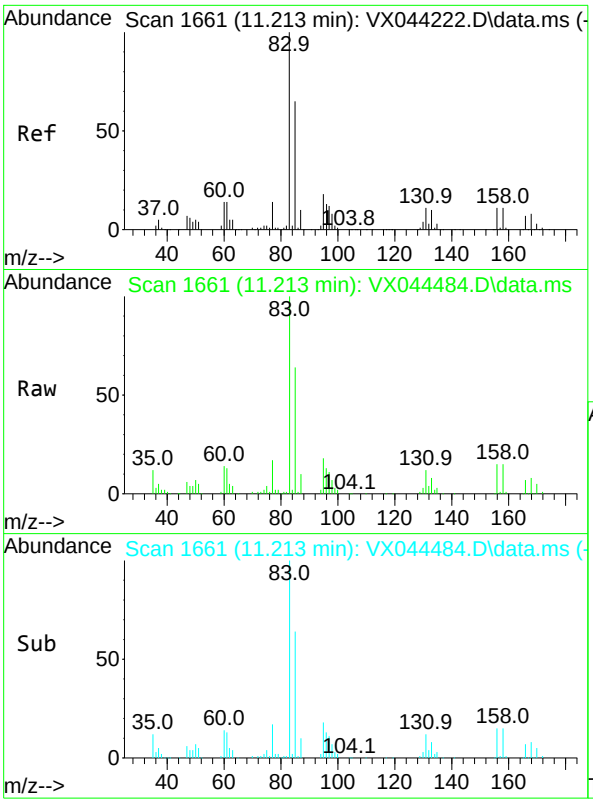


#74
N-amyl acetate
Concen: 16.102 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 43 Resp: 53387

Ion	Ratio	Lower	Upper
43	100		
70	42.7	31.9	47.9
55	24.4	17.9	26.9
61	23.0	17.9	26.9

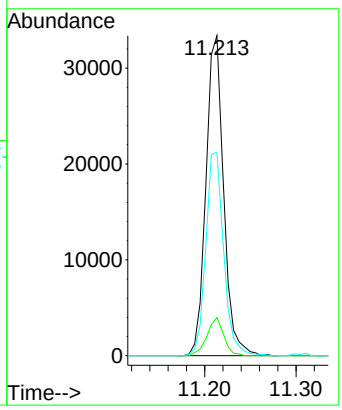




#75
1,1,2,2-Tetrachloroethane
Concen: 17.961 ug/l
RT: 11.213 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 83 Resp: 4475

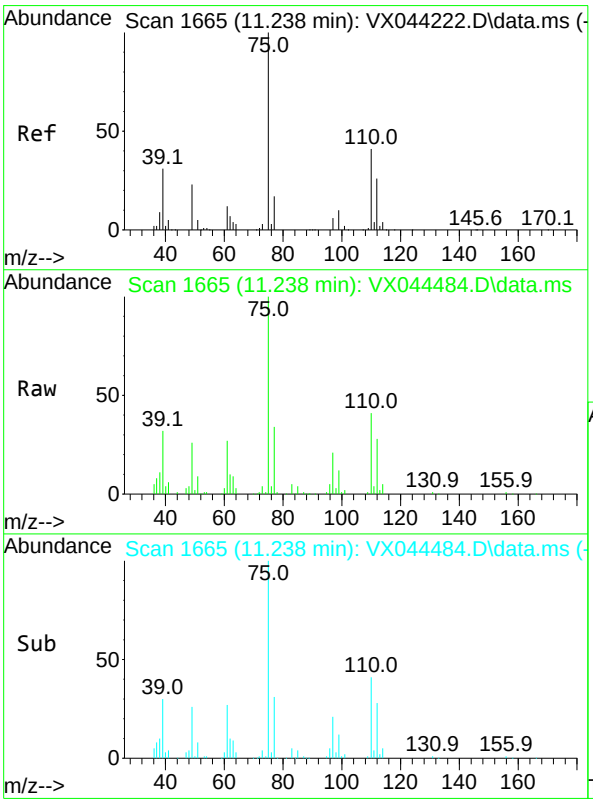
Ion	Ratio	Lower	Upper
83	100		
131	11.3	5.1	15.4
85	64.5	32.5	97.4



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
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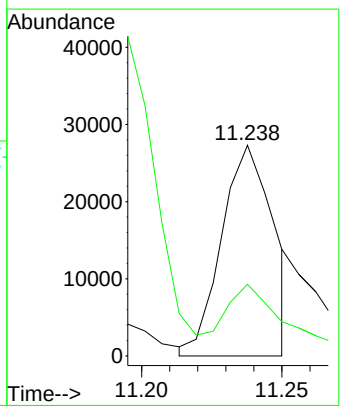
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

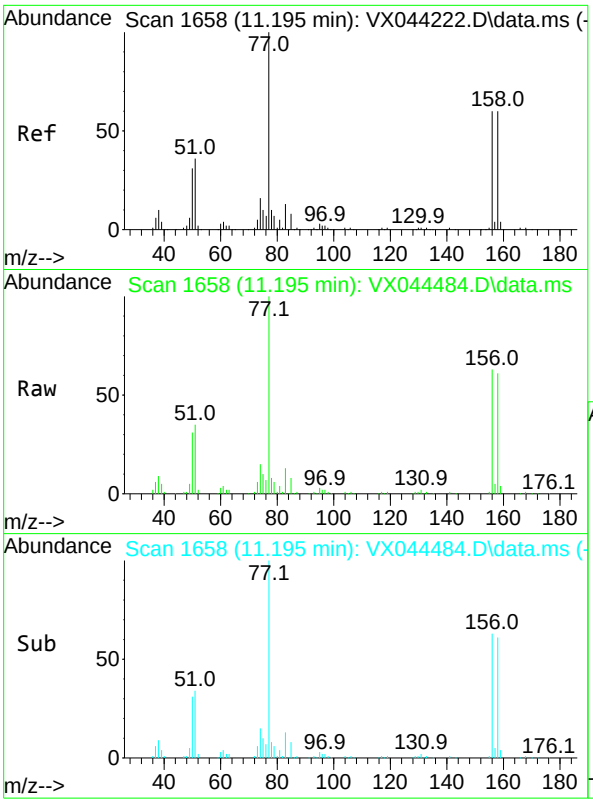


#76
1,2,3-Trichloropropane
Concen: 16.746 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 75 Resp: 35038

Ion	Ratio	Lower	Upper
75	100		
77	41.4	20.9	62.7

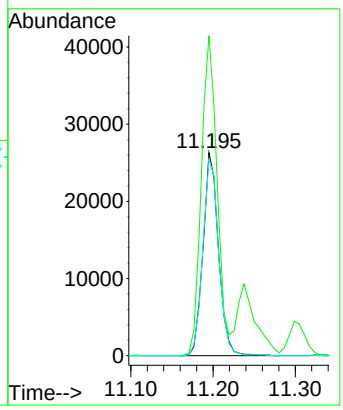




#77
Bromobenzene
Concen: 19.814 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:156 Resp: 3447

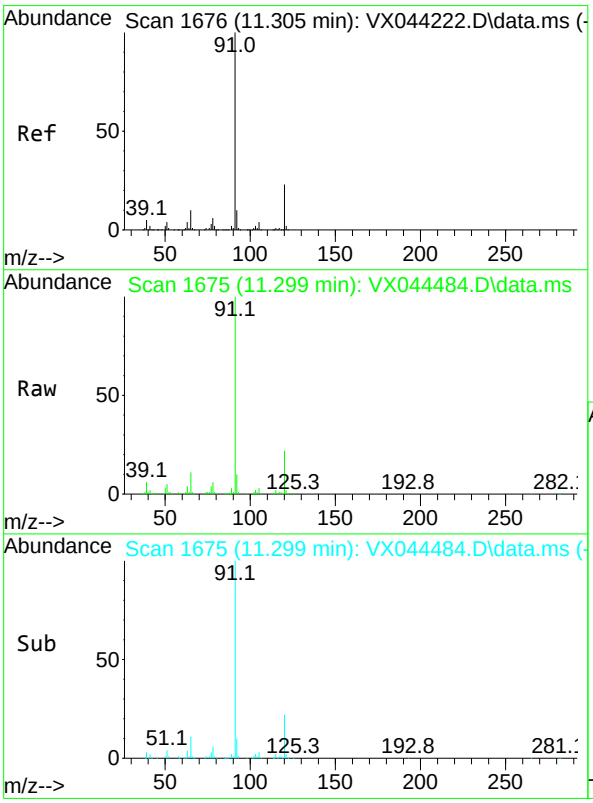
Ion	Ratio	Lower	Upper
156	100		
77	160.0	82.6	247.8
158	98.8	48.8	146.4



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

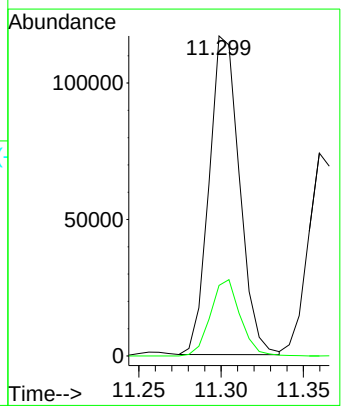
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

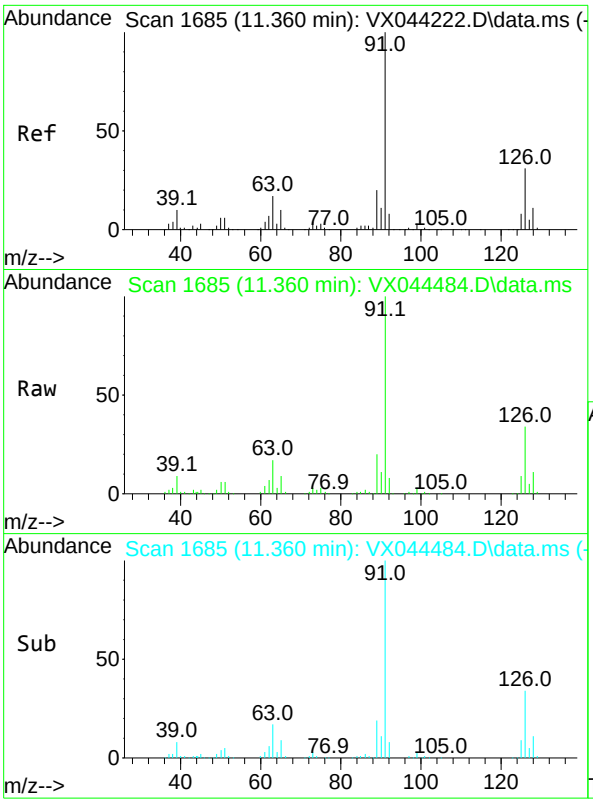


#78
n-propylbenzene
Concen: 18.943 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 91 Resp: 150204

Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.0	33.0

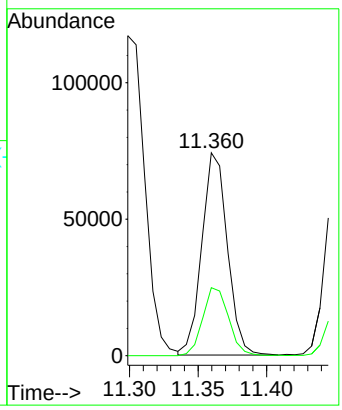




#79
2-Chlorotoluene
Concen: 18.721 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 91 Resp: 9600

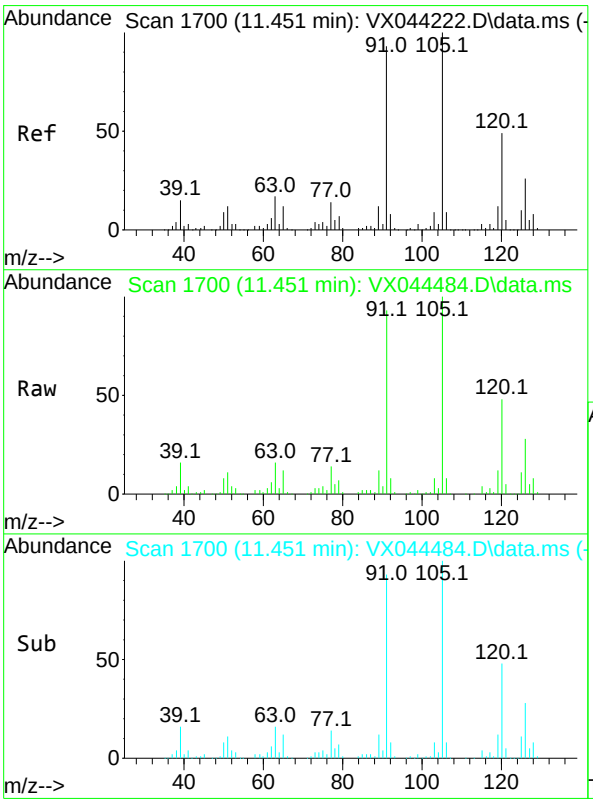
Ion	Ratio	Lower	Upper
91	100		
126	34.2	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations APPROVED

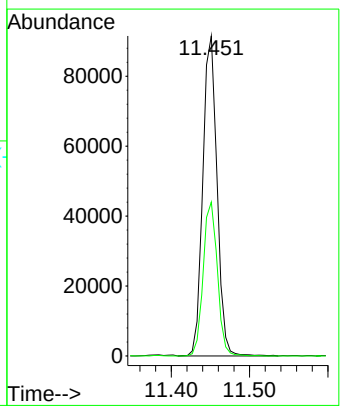
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

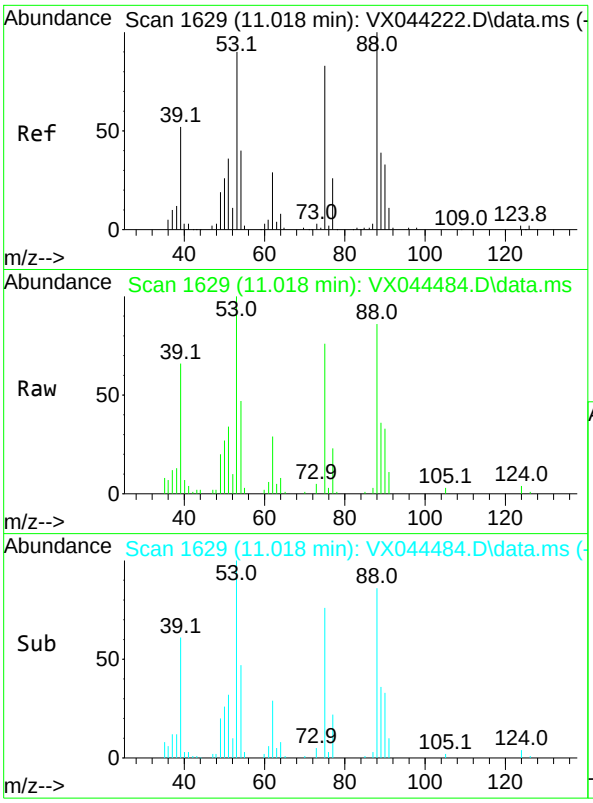


#80
1,3,5-Trimethylbenzene
Concen: 19.402 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:105 Resp: 115427

Ion	Ratio	Lower	Upper
105	100		
120	48.0	23.8	71.4

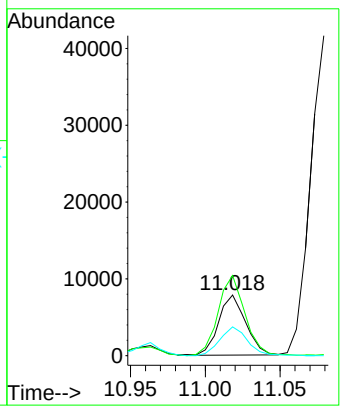




#81
trans-1,4-Dichloro-2-butene
Concen: 17.567 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 75 Resp: 985

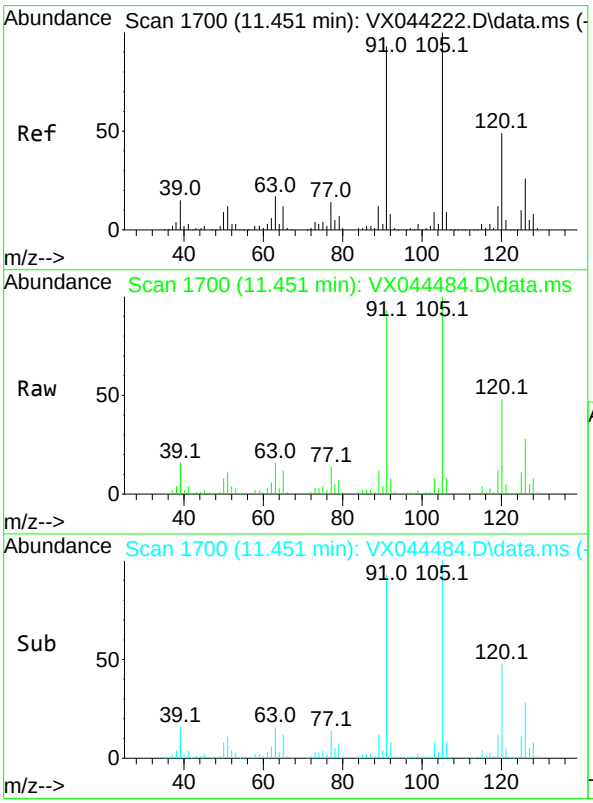
Ion	Ratio	Lower	Upper
75	100		
53	133.0	93.6	140.4
89	49.2	37.3	55.9



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

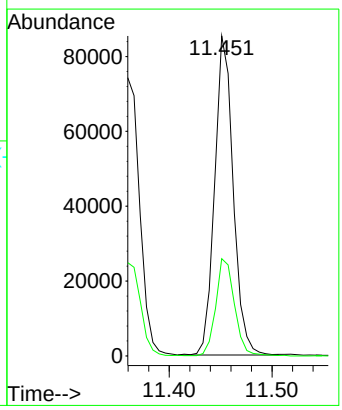
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

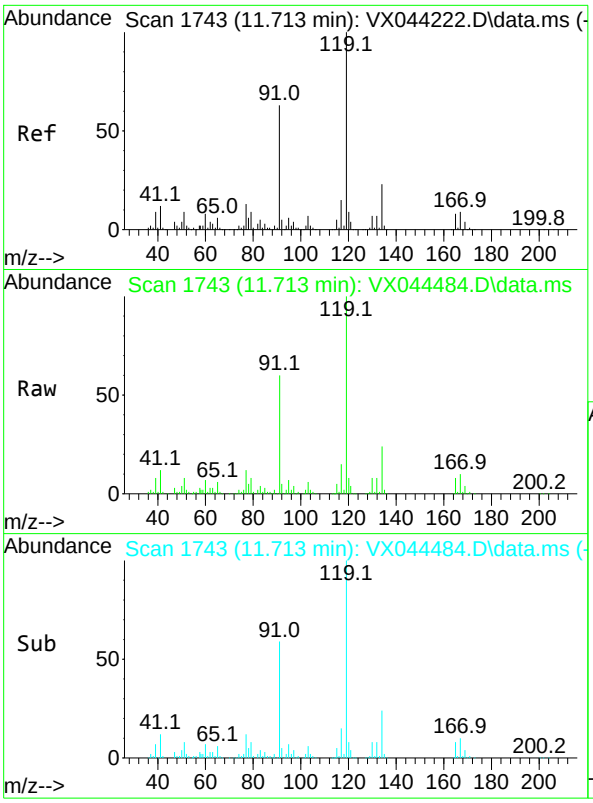


#82
4-Chlorotoluene
Concen: 18.769 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 91 Resp: 106582

Ion	Ratio	Lower	Upper
91	100		
126	30.9	14.5	43.5

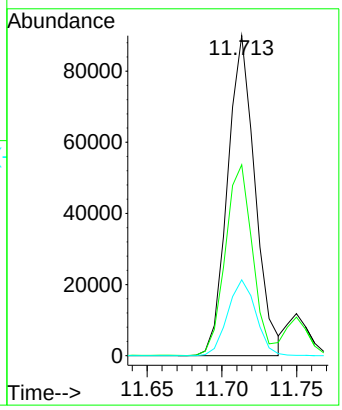




#83
tert-Butylbenzene
Concen: 19.509 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:119 Resp: 11470

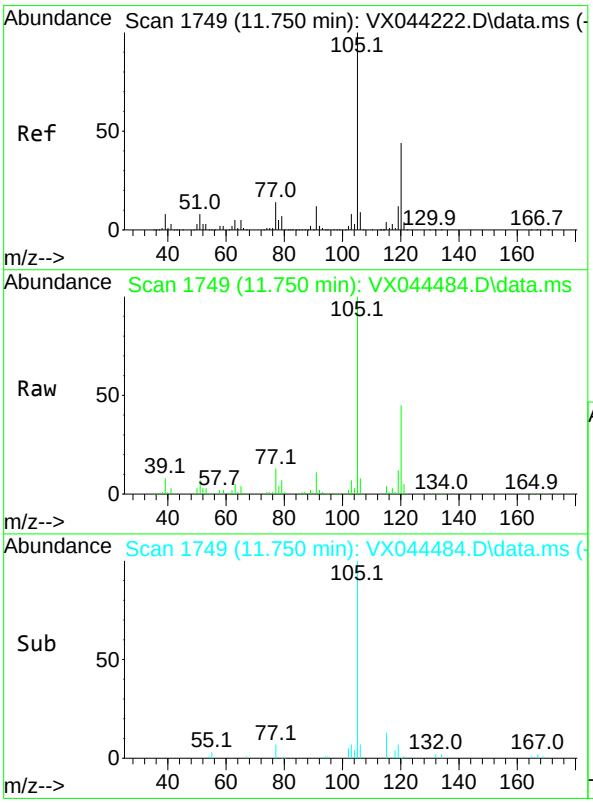
Ion	Ratio	Lower	Upper
119	100		
91	59.8	30.9	92.5
134	24.4	11.5	34.4



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

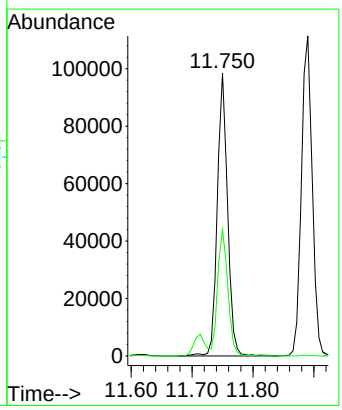
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

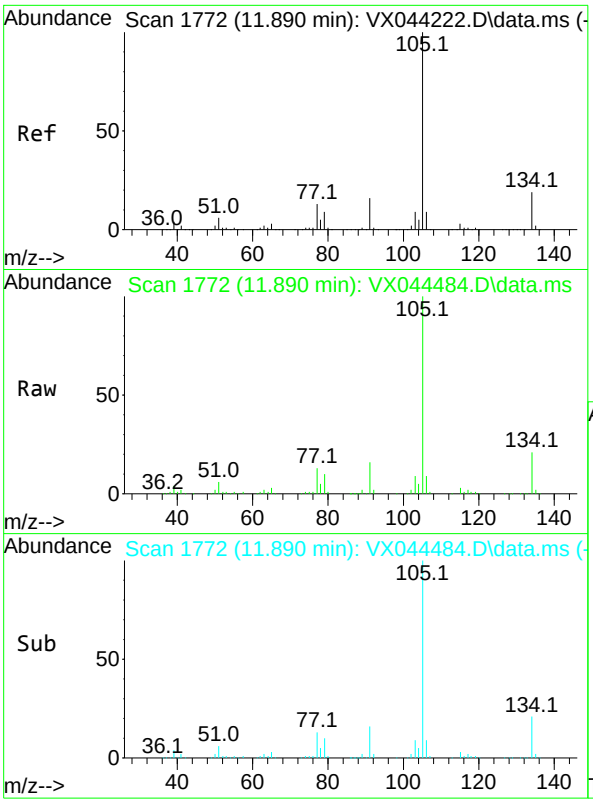


#84
1,2,4-Trimethylbenzene
Concen: 19.684 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:105 Resp: 115005

Ion	Ratio	Lower	Upper
105	100		
120	44.4	21.7	65.1

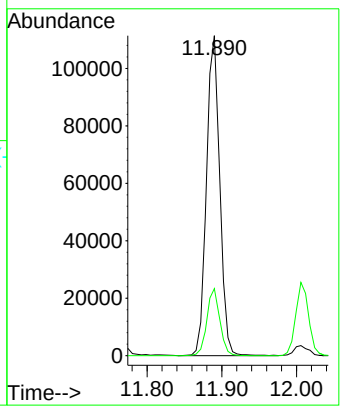




#85
sec-Butylbenzene
Concen: 19.303 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:105 Resp: 13777

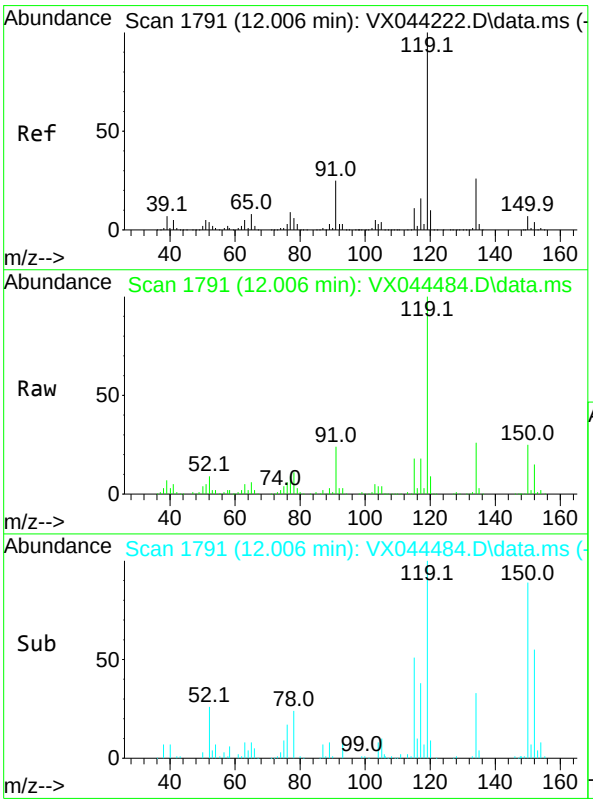
Ion	Ratio	Lower	Upper
105	100		
134	20.4	9.8	29.4



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

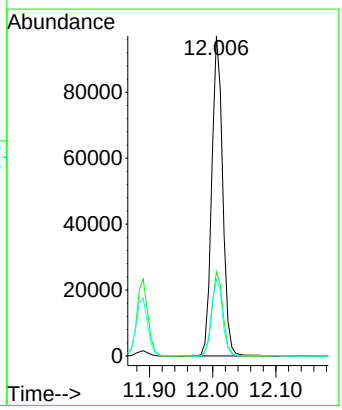
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

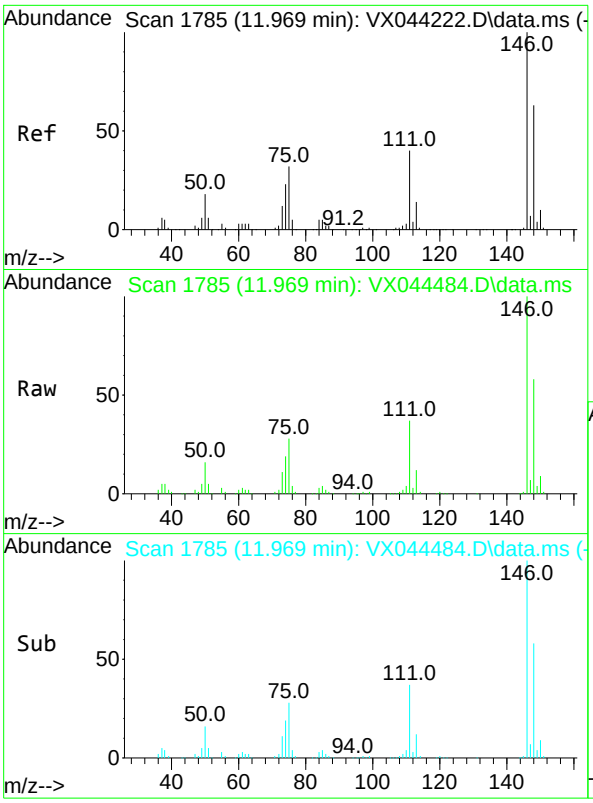


#86
p-Isopropyltoluene
Concen: 19.696 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:119 Resp: 117010

Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.8	38.4
91	24.7	13.0	39.0

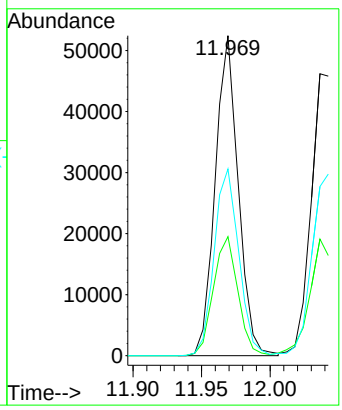




#87
1,3-Dichlorobenzene
Concen: 20.152 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:146 Resp: 6123

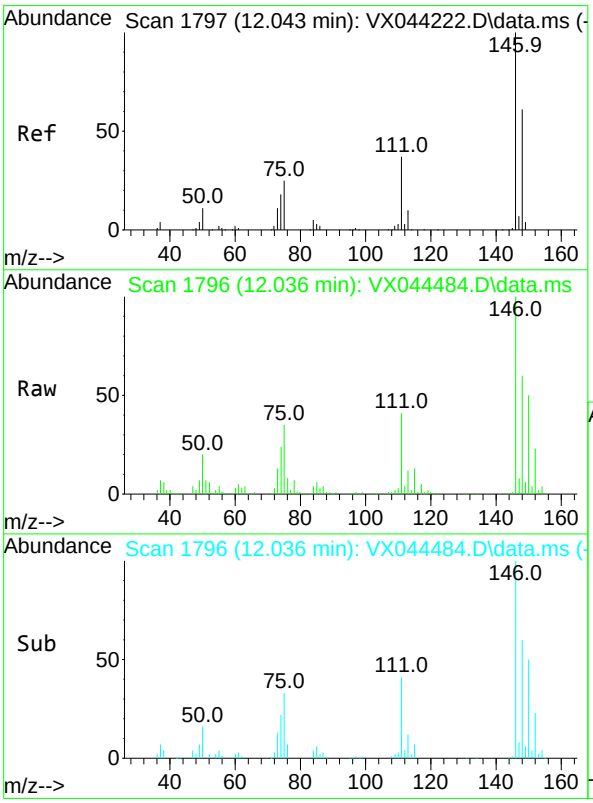
Ion	Ratio	Lower	Upper
146	100		
111	39.6	21.4	64.2
148	62.4	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

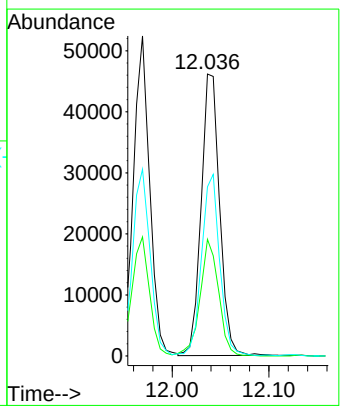
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

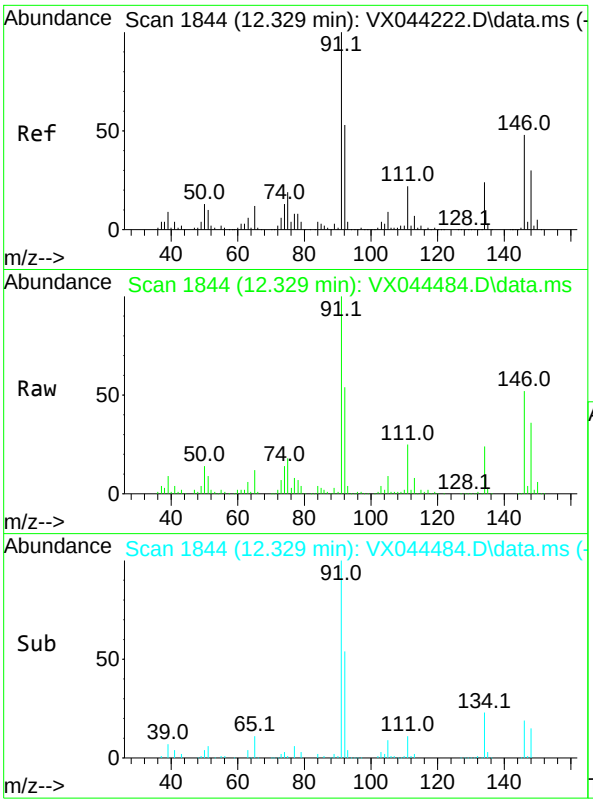


#88
1,4-Dichlorobenzene
Concen: 19.723 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:146 Resp: 61611

Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.0	63.0
148	63.4	32.3	96.8





#89
n-Butylbenzene
Concen: 18.892 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

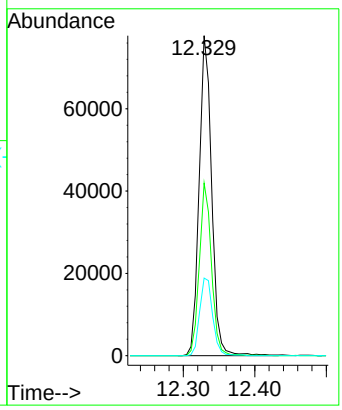
Tgt Ion: 91 Resp: 9437

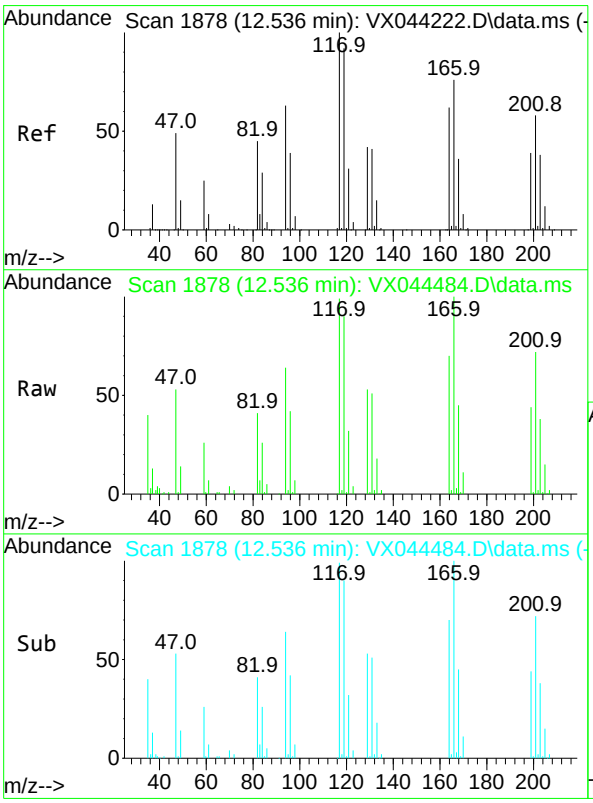
Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.6	79.7
134	25.2	12.6	37.8

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

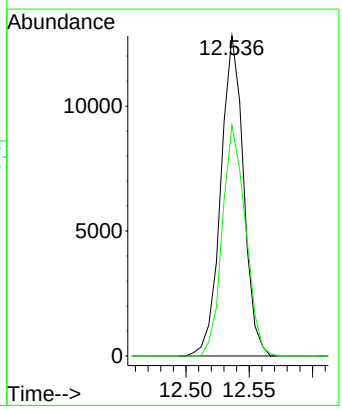


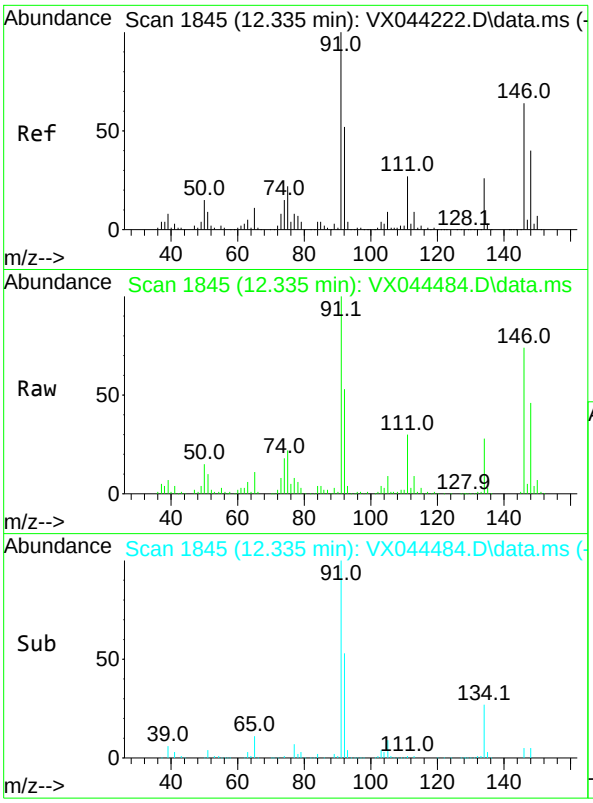


#90
Hexachloroethane
Concen: 18.440 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:117 Resp: 15991

Ion	Ratio	Lower	Upper
117	100		
201	73.5	31.4	94.2

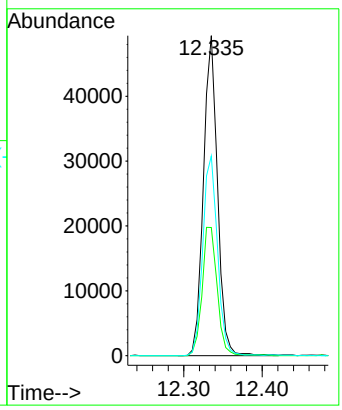




#91
1,2-Dichlorobenzene
Concen: 19.510 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:146 Resp: 6155

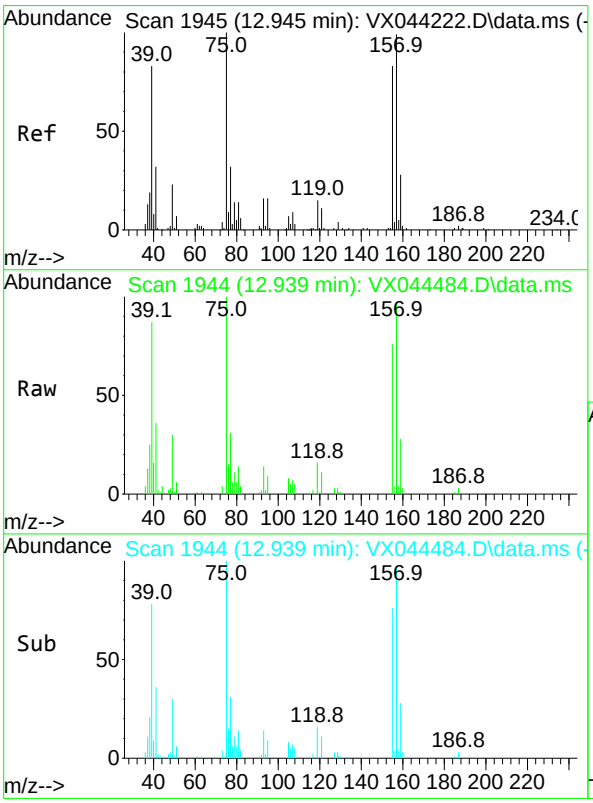
Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.4	64.3
148	65.4	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

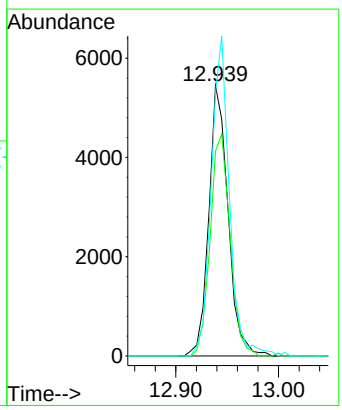
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

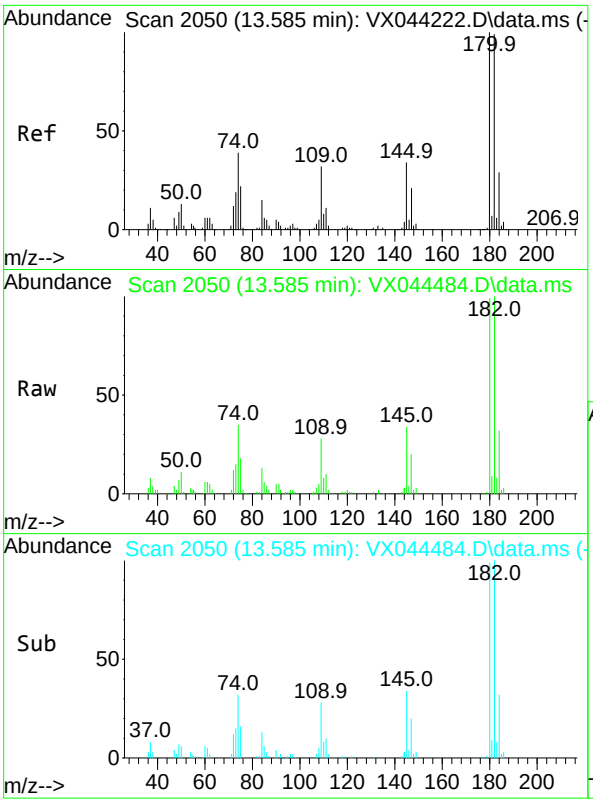


#92
1,2-Dibromo-3-Chloropropane
Concen: 14.697 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 75 Resp: 7109

Ion	Ratio	Lower	Upper
75	100		
155	84.7	38.1	114.3
157	111.6	47.2	141.6

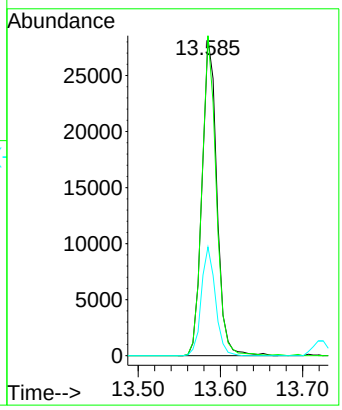




#93
1,2,4-Trichlorobenzene
Concen: 20.453 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:180 Resp: 3538

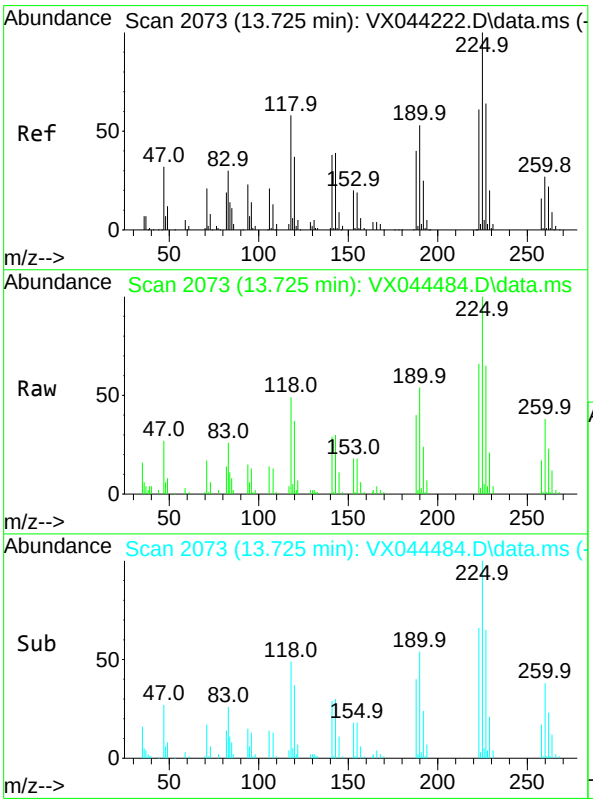
Ion	Ratio	Lower	Upper
180	100		
182	96.9	48.0	144.2
145	32.5	16.6	49.7



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

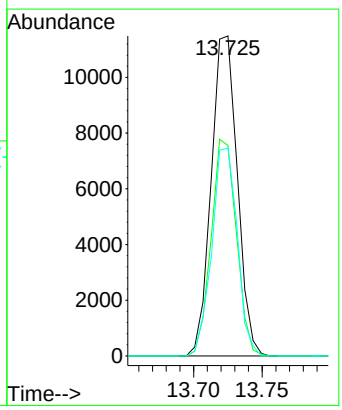
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

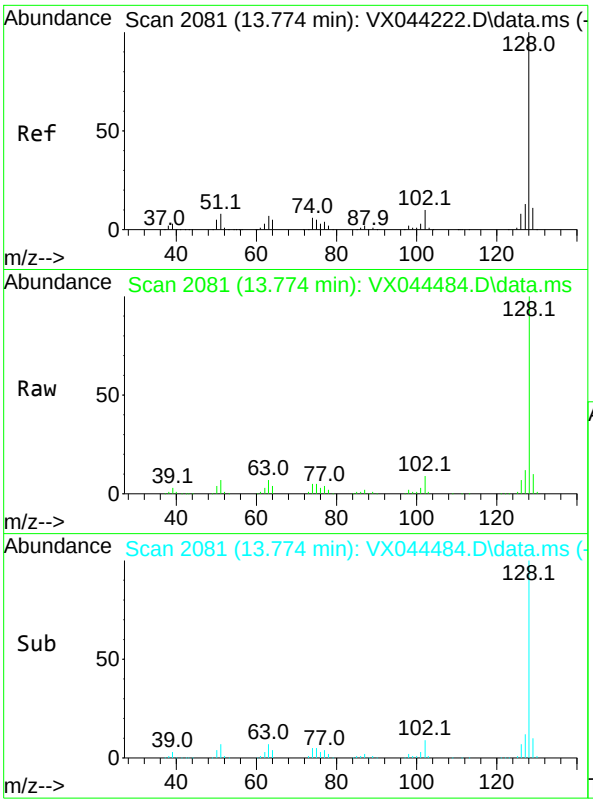


#94
Hexachlorobutadiene
Concen: 21.877 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:225 Resp: 15222

Ion	Ratio	Lower	Upper
225	100		
223	65.4	30.8	92.4
227	63.3	32.1	96.3

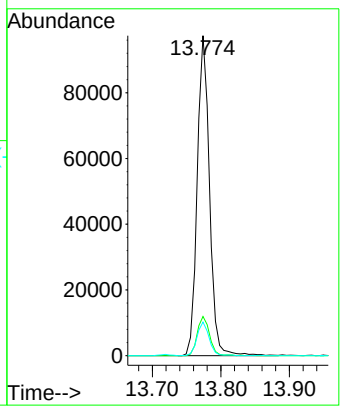




#95
Naphthalene
Concen: 18.005 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:128 Resp: 12157

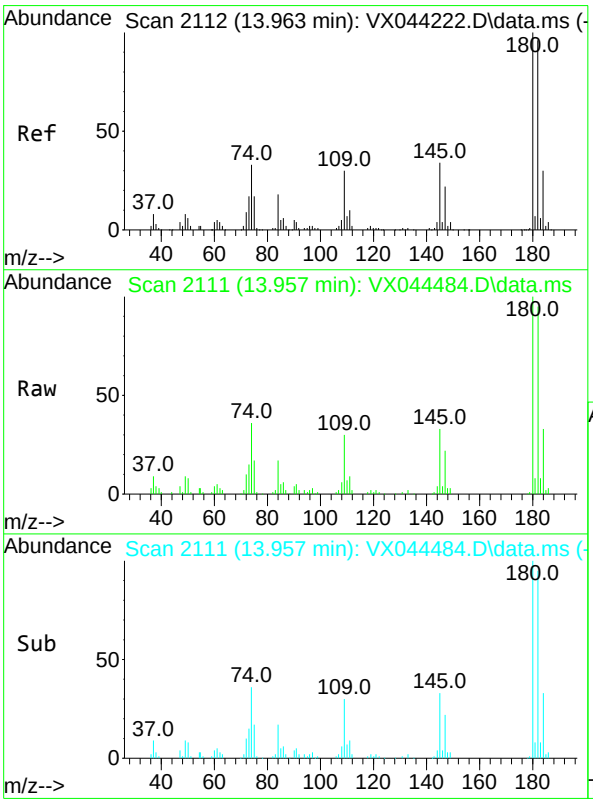
Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.5	15.7
129	10.3	9.0	13.4



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Manual Integrations
APPROVED

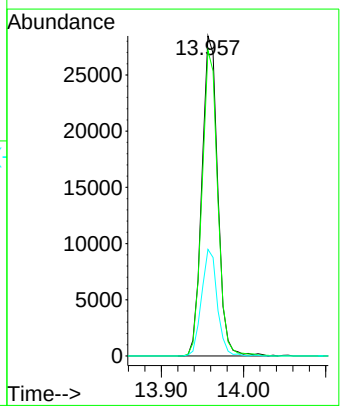
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#96
1,2,3-Trichlorobenzene
Concen: 20.704 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:180 Resp: 37987

Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.0	144.0
145	33.0	17.7	53.1



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:	12/19/24
Project:	CTO WE13	Date Received:	12/20/24
Client Sample ID:	BP-VPB-190A-GW-748-750MS	SDG No.:	P5374
Lab Sample ID:	P5374-05MS	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044482.D	1		12/23/24 16:00	VX122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
74-87-3	Chloromethane	48.1		0.35	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	45.7		0.34	0.75	1.00	ug/L
74-83-9	Bromomethane	43.1		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	48.2		0.56	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	36.7		0.34	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	59.8		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	54.5		0.26	0.75	1.00	ug/L
67-64-1	Acetone	170		1.40	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	47.5		0.32	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	42.2		0.16	0.50	1.00	ug/L
75-09-2	Methylene Chloride	46.8		0.32	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	47.1		0.25	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	46.2		0.23	0.50	1.00	ug/L
78-93-3	2-Butanone	190		1.30	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	51.0		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	47.1		0.25	0.75	1.00	ug/L
67-66-3	Chloroform	44.1		0.26	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	46.3		0.19	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	53.1		0.19	0.50	1.00	ug/L
71-43-2	Benzene	52.0		0.16	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	48.6		0.24	0.50	1.00	ug/L
79-01-6	Trichloroethene	200	E	0.32	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	50.0		0.19	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	52.3		0.24	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	210		0.75	2.50	5.00	ug/L
108-88-3	Toluene	51.9		0.18	0.50	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	47.3		0.21	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	51.7		0.18	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	51.8		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	210		1.10	2.50	5.00	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:	12/19/24
Project:	CTO WE13	Date Received:	12/20/24
Client Sample ID:	BP-VPB-190A-GW-748-750MS	SDG No.:	P5374
Lab Sample ID:	P5374-05MS	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044482.D	1		12/23/24 16:00	VX122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	49.5		0.18	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	53.3		0.25	0.50	1.00	ug/L
108-90-7	Chlorobenzene	51.2		0.13	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	51.9		0.16	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	110		0.31	1.00	2.00	ug/L
95-47-6	o-Xylene	51.5		0.14	0.50	1.00	ug/L
100-42-5	Styrene	53.2		0.16	0.50	1.00	ug/L
75-25-2	Bromoform	49.4		0.21	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	51.4		0.13	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	46.4		0.27	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	52.6		0.24	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	51.6		0.27	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	51.8		0.19	0.50	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	39.3	*	81 - 118		79%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6		80 - 119		97%	SPK: 50
2037-26-5	Toluene-d8	49.4		89 - 112		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.3		85 - 114		97%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	132000	5.544				
540-36-3	1,4-Difluorobenzene	215000	6.757				
3114-55-4	Chlorobenzene-d5	186000	10.049				
3855-82-1	1,4-Dichlorobenzene-d4	87300	12.018				

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\VX122324\
Data File : VX044482.D
Acq On : 23 Dec 2024 16:00
Operator : JC/MD
Sample : P5374-05MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 23 21:59:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	131546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	214972	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	185795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	87327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	90637	39.297	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 78.600%			
35) Dibromofluoromethane	5.385	113	72356	48.598	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.200%			
50) Toluene-d8	8.647	98	248239	49.420	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.840%			
62) 4-Bromofluorobenzene	11.079	95	84771	48.298	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	98121	48.240	ug/l	98
3) Chloromethane	1.294	50	93508	48.074	ug/l	98
4) Vinyl Chloride	1.374	62	92585	45.689	ug/l	99
5) Bromomethane	1.599	94	61895	43.054	ug/l	98
6) Chloroethane	1.666	64	60793	48.179	ug/l	100
7) Trichlorofluoromethane	1.873	101	145451	36.664	ug/l	99
8) Diethyl Ether	2.130	74	52216	38.561	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	96012	59.810	ug/l	95
10) Methyl Iodide	2.447	142	105341	49.790	ug/l	95
11) Tert butyl alcohol	2.989	59	56640	174.246	ug/l	98
12) 1,1-Dichloroethene	2.312	96	80285	54.450	ug/l	94
13) Acrolein	2.233	56	85193	181.056	ug/l	97
14) Allyl chloride	2.660	41	111714	45.487	ug/l	98
15) Acrylonitrile	3.062	53	188449	209.289	ug/l	97
16) Acetone	2.379	43	159511	169.639	ug/l	97
17) Carbon Disulfide	2.507	76	133096	47.487	ug/l	98
18) Methyl Acetate	2.703	43	94020	38.780	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	242799	42.197	ug/l	98
20) Methylene Chloride	2.782	84	82671	46.810	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	73808	47.100	ug/l	92
22) Diisopropyl ether	3.757	45	242329	43.818	ug/l	93
23) Vinyl Acetate	3.715	43	987899	219.721	ug/l	99
24) 1,1-Dichloroethane	3.605	63	142379	46.186	ug/l	98
25) 2-Butanone	4.556	43	248746	186.080	ug/l	98
26) 2,2-Dichloropropane	4.471	77	114998	45.919	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	93787	47.125	ug/l	95
28) Bromochloromethane	4.891	49	57451	38.005	ug/l	97
29) Tetrahydrofuran	5.001	42	158158	184.328	ug/l	99
30) Chloroform	5.086	83	152649	44.073	ug/l	97
31) Cyclohexane	5.458	56	111826	44.922	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	132974	46.251	ug/l	99
36) 1,1-Dichloropropene	5.684	75	95602	49.674	ug/l	98
37) Ethyl Acetate	4.708	43	99193	41.695	ug/l	98
38) Carbon Tetrachloride	5.665	117	105673	51.000	ug/l	98
39) Methylcyclohexane	7.372	83	122149	53.090	ug/l	97
40) Benzene	6.031	78	303599	51.956	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044482.D
Acq On : 23 Dec 2024 16:00
Operator : JC/MD
Sample : P5374-05MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 23 21:59:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.916	41	55620	44.029 ug/l	98
42) 1,2-Dichloroethane	6.080	62	117037	48.622 ug/l	98
43) Isopropyl Acetate	6.336	43	165564	44.526 ug/l	99
44) Trichloroethene	7.116	130	293203	201.214 ug/l	100
45) 1,2-Dichloropropane	7.427	63	74644	50.000 ug/l	98
46) Dibromomethane	7.580	93	58103	50.168 ug/l	93
47) Bromodichloromethane	7.818	83	104657	52.323 ug/l	100
48) Methyl methacrylate	7.689	41	78236	43.344 ug/l	95
49) 1,4-Dioxane	7.659	88	20904	698.520 ug/l #	71
51) 4-Methyl-2-Pentanone	8.573	43	511840	214.085 ug/l	98
52) Toluene	8.714	92	190396	51.886 ug/l	100
53) t-1,3-Dichloropropene	8.976	75	101232	47.332 ug/l	94
54) cis-1,3-Dichloropropene	8.360	75	112700	51.747 ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	75487	51.783 ug/l	99
56) Ethyl methacrylate	9.116	69	111491	48.446 ug/l	96
57) 1,3-Dichloropropane	9.305	76	125572	49.489 ug/l	99
59) 2-Hexanone	9.427	43	366899	212.014 ug/l	98
60) Dibromochloromethane	9.518	129	76435	49.544 ug/l	98
61) 1,2-Dibromoethane	9.604	107	75476	50.865 ug/l	99
64) Tetrachloroethene	9.268	164	65707	53.284 ug/l	97
65) Chlorobenzene	10.073	112	203767	51.183 ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	70491	55.093 ug/l	99
67) Ethyl Benzene	10.189	91	357217	51.930 ug/l	98
68) m/p-Xylenes	10.299	106	270804	107.287 ug/l	95
69) o-Xylene	10.640	106	131502	51.491 ug/l	96
70) Styrene	10.652	104	217725	53.180 ug/l	96
71) Bromoform	10.799	173	44095	49.400 ug/l #	97
73) Isopropylbenzene	10.957	105	343334	51.357 ug/l	99
74) N-amyl acetate	10.841	43	136439	44.161 ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	107849	46.447 ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	87590m	44.923 ug/l	
77) Bromobenzene	11.195	156	83947	51.783 ug/l	96
78) n-propylbenzene	11.299	91	387249	52.409 ug/l	98
79) 2-Chlorotoluene	11.360	91	236393	49.469 ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	281636	50.800 ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	28851	43.249 ug/l	95
82) 4-Chlorotoluene	11.451	91	266294	50.323 ug/l	98
83) tert-Butylbenzene	11.713	119	288014	52.567 ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	289698	53.208 ug/l	98
85) sec-Butylbenzene	11.890	105	342308	51.464 ug/l	99
86) p-Isopropyltoluene	12.006	119	293141	52.952 ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	148954	52.602 ug/l	97
88) 1,4-Dichlorobenzene	12.036	146	150236	51.610 ug/l	99
89) n-Butylbenzene	12.329	91	245693	52.779 ug/l	99
90) Hexachloroethane	12.536	117	43092	53.324 ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	152300	51.798 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18413	40.849 ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	87271	54.139 ug/l	98
94) Hexachlorobutadiene	13.719	225	36701	56.603 ug/l	99
95) Naphthalene	13.774	128	290387	46.150 ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	91121	53.295 ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044482.D
Acq On : 23 Dec 2024 16:00
Operator : JC/MD
Sample : P5374-05MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 23 21:59:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

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

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

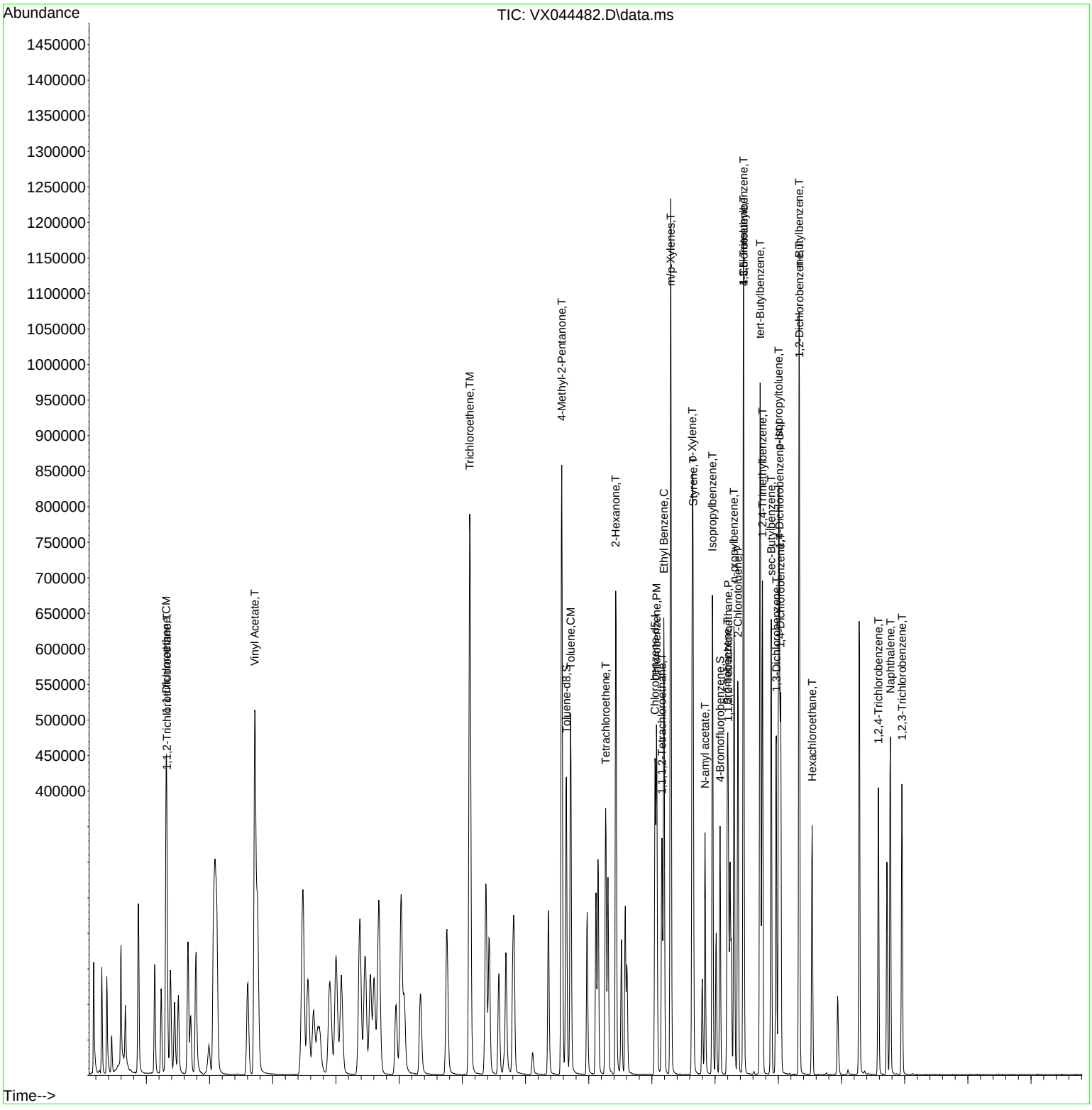
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Data File : VX044482.D
Acq On : 23 Dec 2024 16:00
Operator : JC/MD
Sample : P5374-05MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

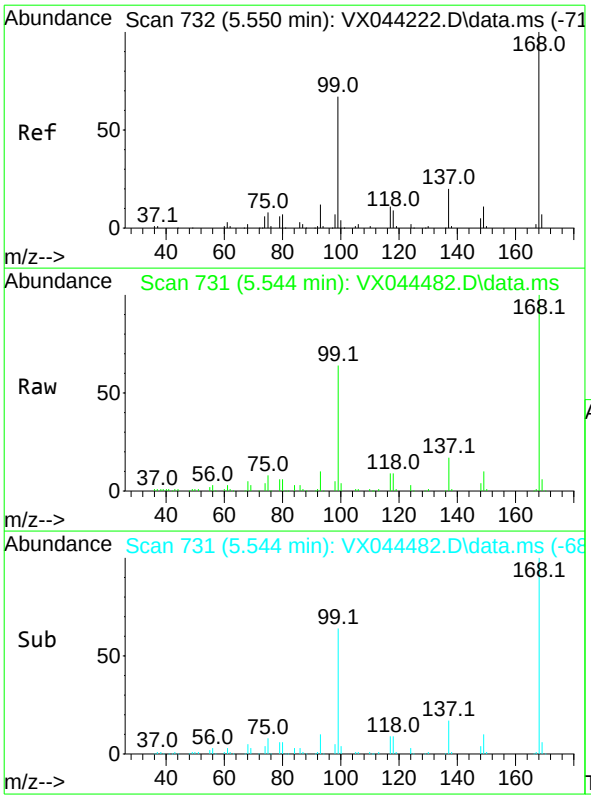
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Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

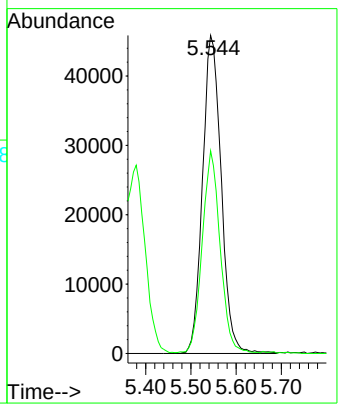




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:168 Resp: 131546

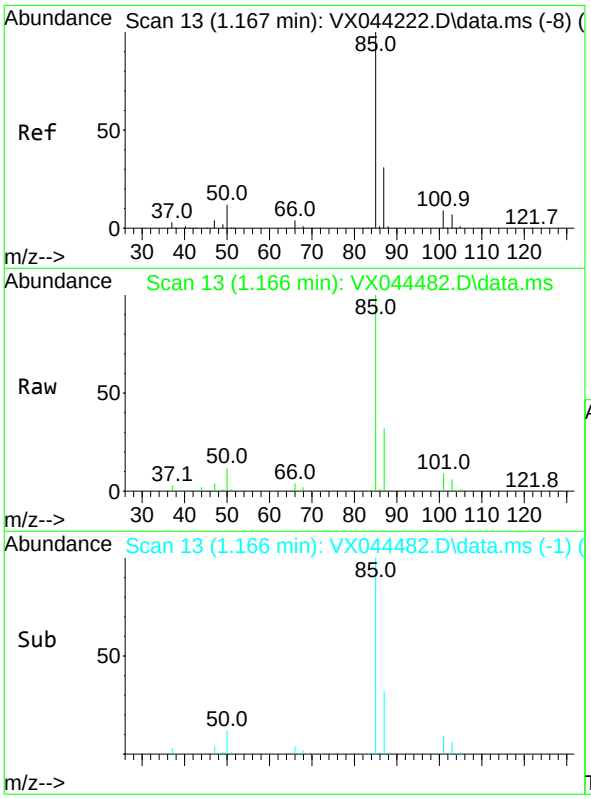
Ion	Ratio	Lower	Upper
168	100		
99	63.6	53.4	80.0



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

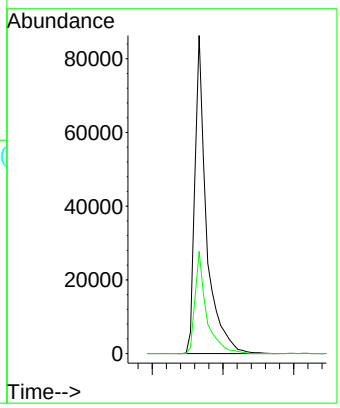
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

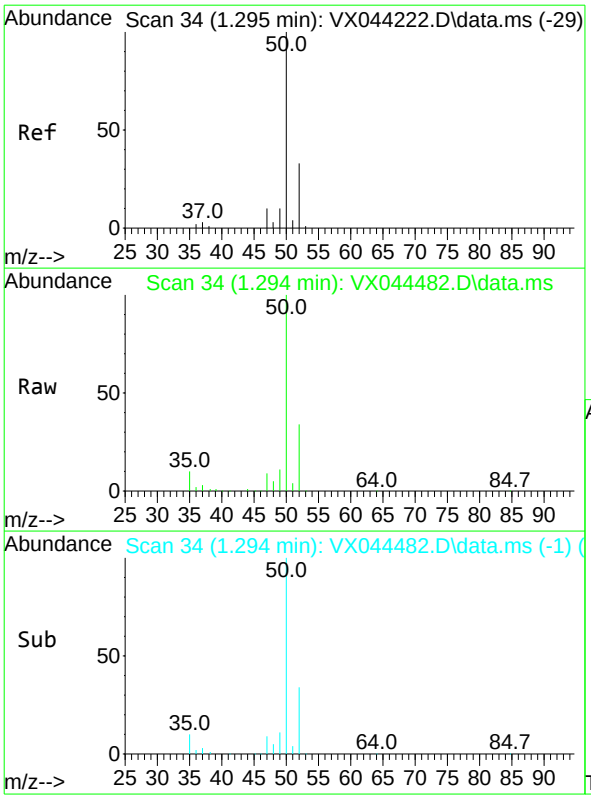


#2
Dichlorodifluoromethane
Concen: 48.240 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 85 Resp: 98121

Ion	Ratio	Lower	Upper
85	100		
87	32.1	15.4	46.4

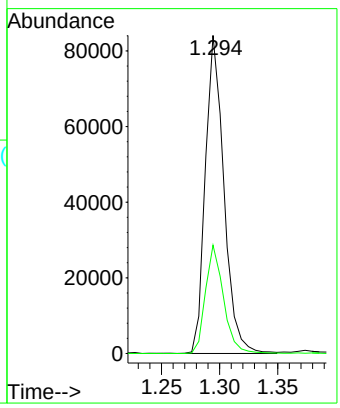




#3
Chloromethane
Concen: 48.074 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 50 Resp: 93508

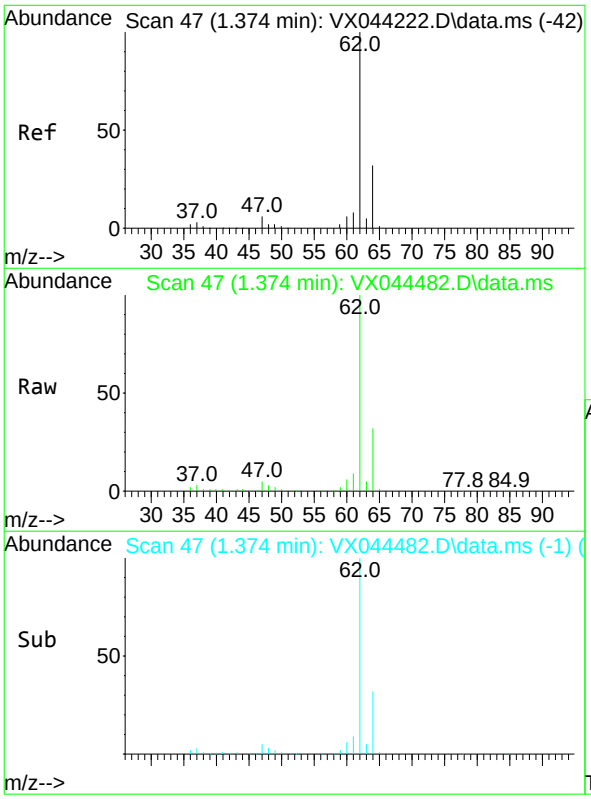
Ion	Ratio	Lower	Upper
50	100		
52	34.1	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

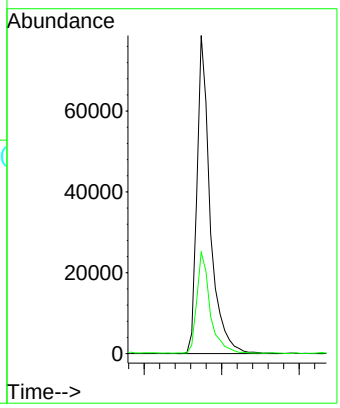
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

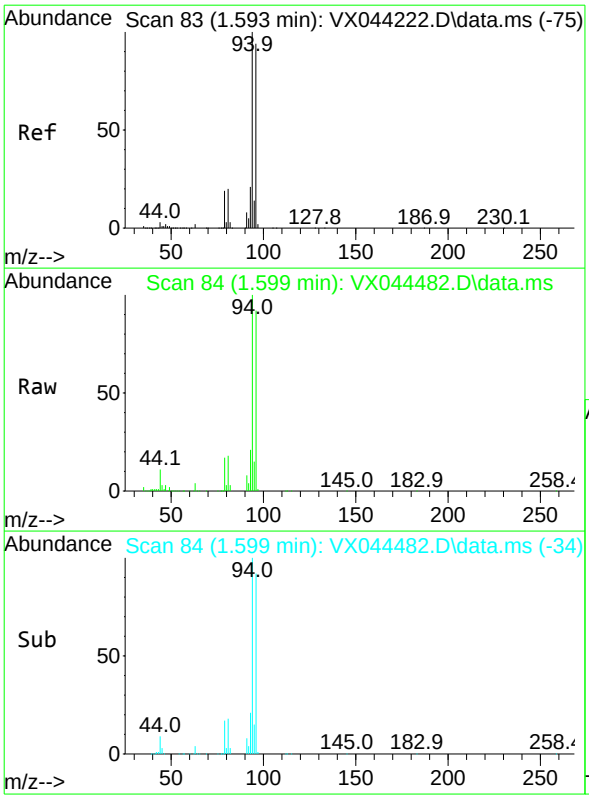


#4
Vinyl Chloride
Concen: 45.689 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 62 Resp: 92585

Ion	Ratio	Lower	Upper
62	100		
64	31.7	25.7	38.5

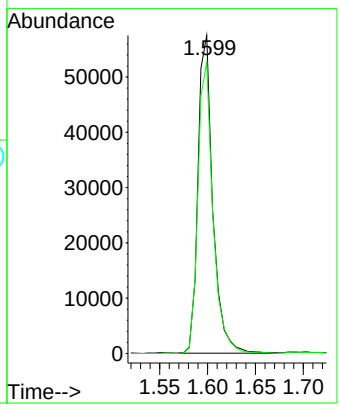




#5
Bromomethane
Concen: 43.054 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 94 Resp: 61895

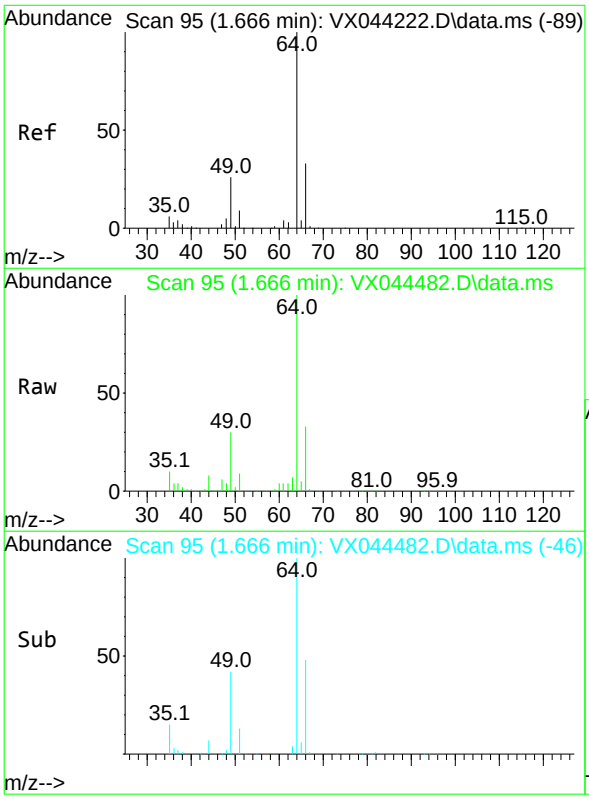
Ion	Ratio	Lower	Upper
94	100		
96	91.7	74.9	112.3



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

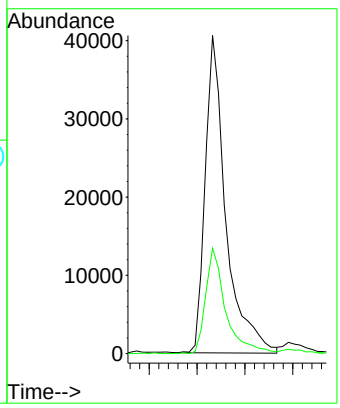
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

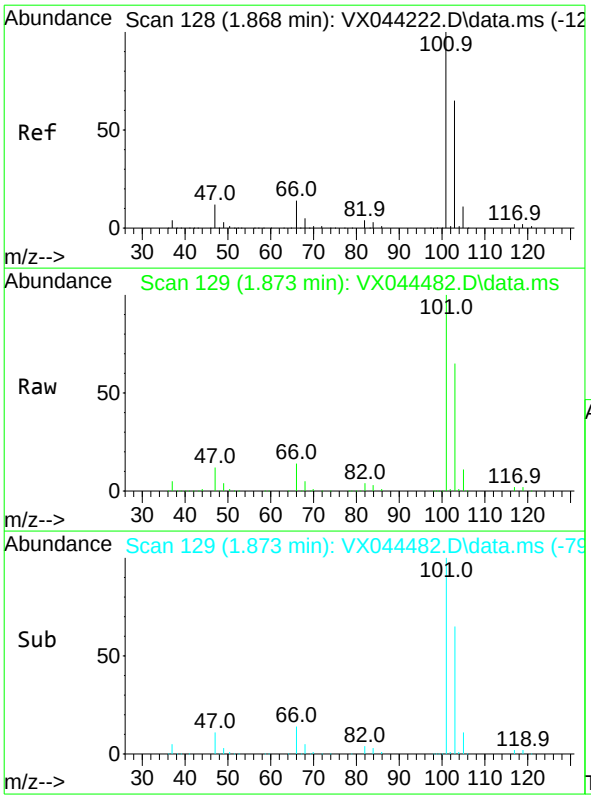


#6
Chloroethane
Concen: 48.179 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 64 Resp: 60793

Ion	Ratio	Lower	Upper
64	100		
66	33.2	26.6	39.8

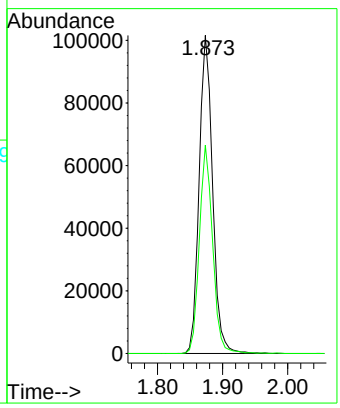




#7
Trichlorofluoromethane
Concen: 36.664 ug/l
RT: 1.873 min Scan# 12
Delta R.T. 0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:101 Resp: 145451

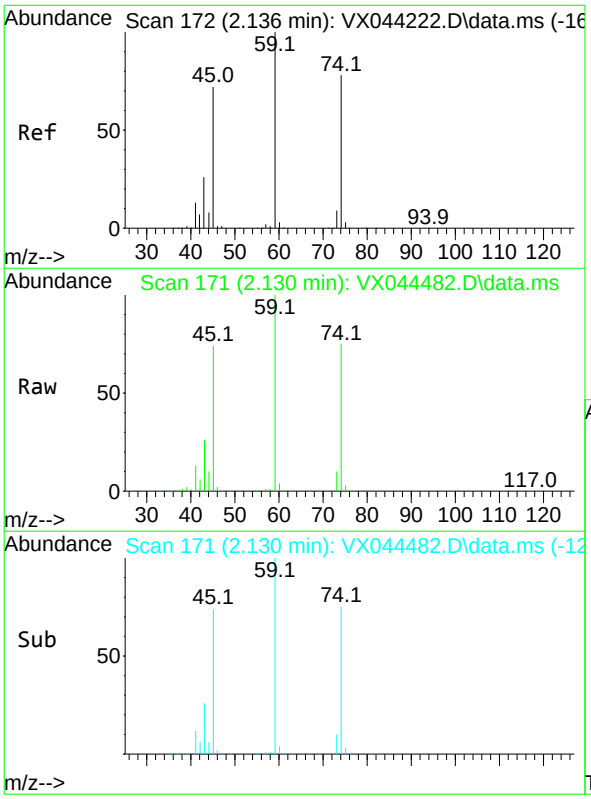
Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.8	77.8



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

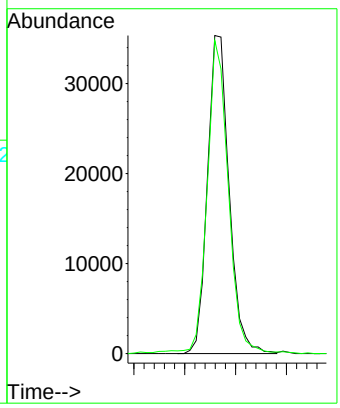
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

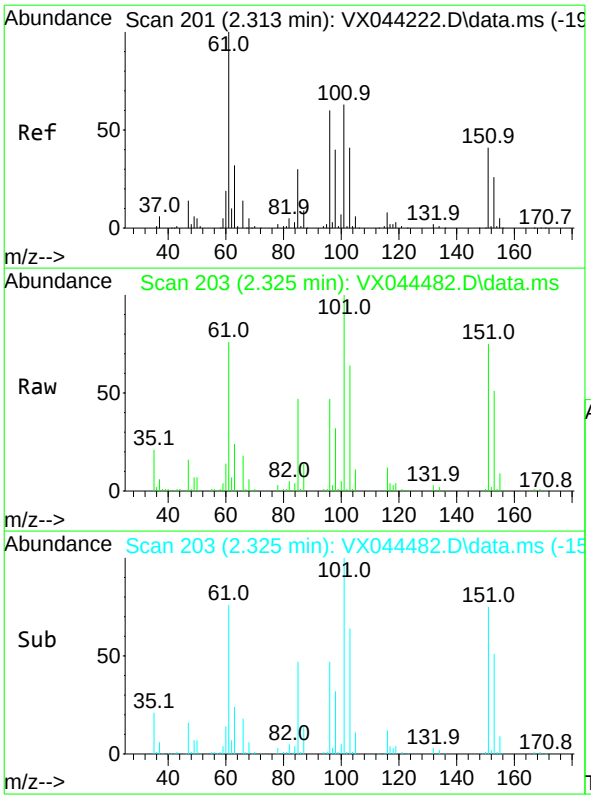


#8
Diethyl Ether
Concen: 38.561 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 74 Resp: 52216

Ion	Ratio	Lower	Upper
74	100		
45	97.0	48.4	145.0

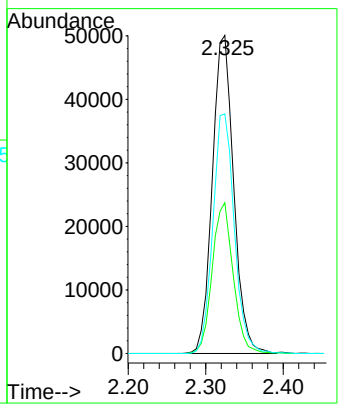




#9
1,1,2-Trichlorotrifluoroethane
Concen: 59.810 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:101 Resp: 96012

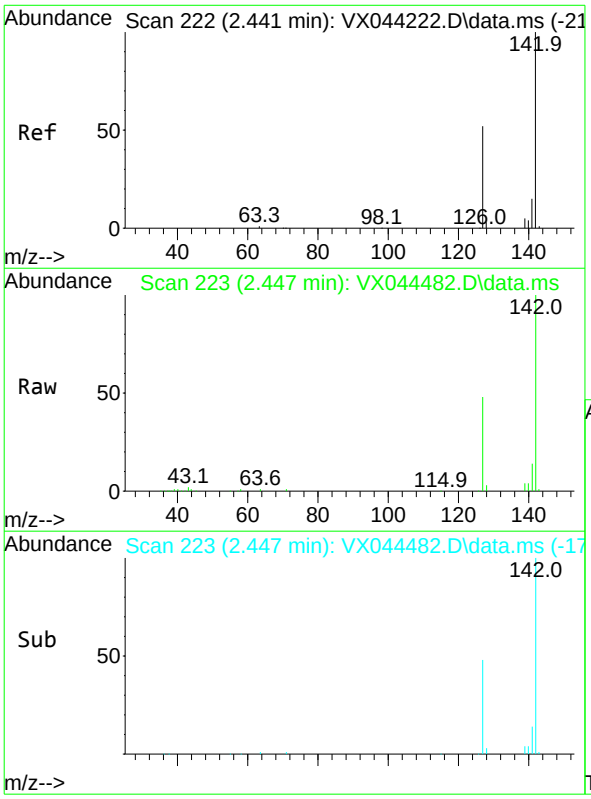
Ion	Ratio	Lower	Upper
101	100		
85	46.5	38.5	57.7
151	75.8	55.8	83.6



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

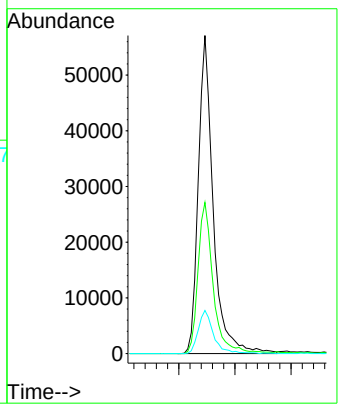
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

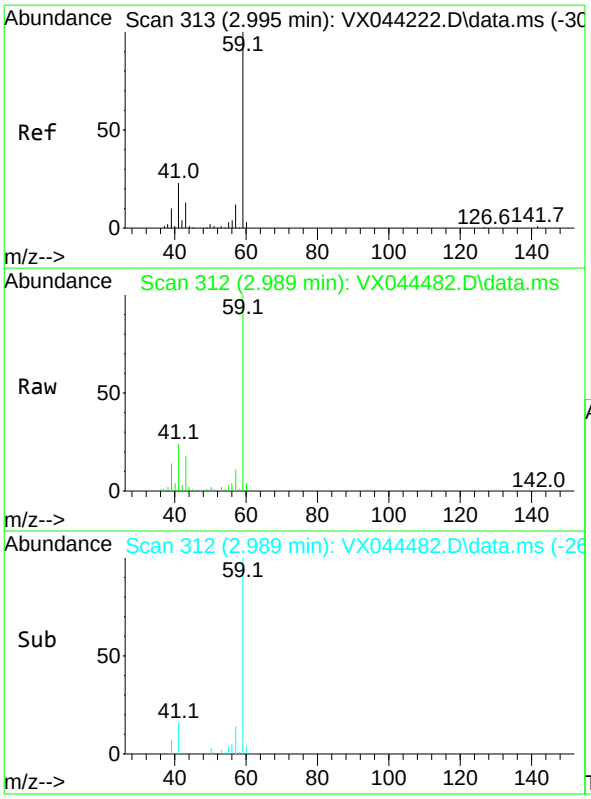


#10
Methyl Iodide
Concen: 49.790 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:142 Resp: 105341

Ion	Ratio	Lower	Upper
142	100		
127	48.4	41.8	62.8
141	13.9	11.5	17.3

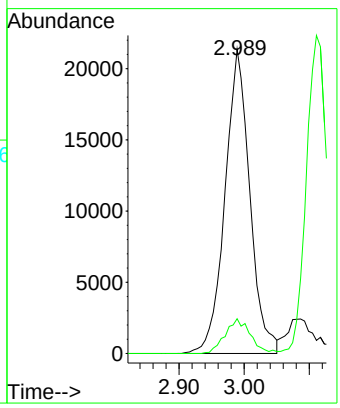




#11
Tert butyl alcohol
Concen: 174.246 ug/l
RT: 2.989 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 59 Resp: 56640

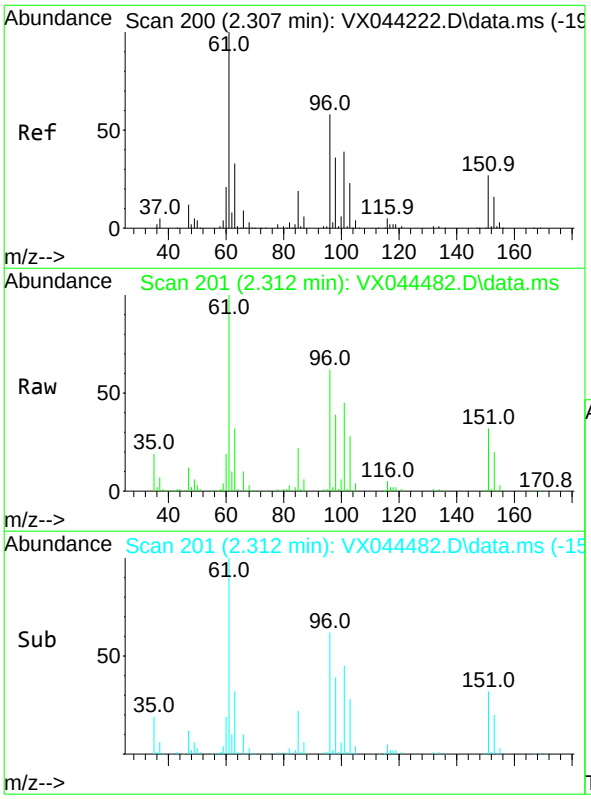
Ion	Ratio	Lower	Upper
59	100		
57	11.6	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

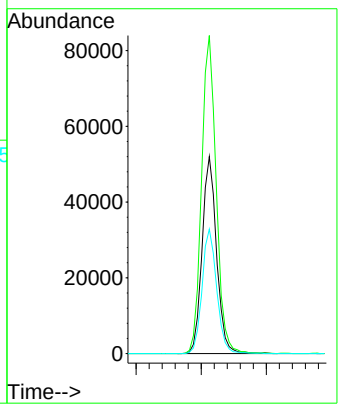
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

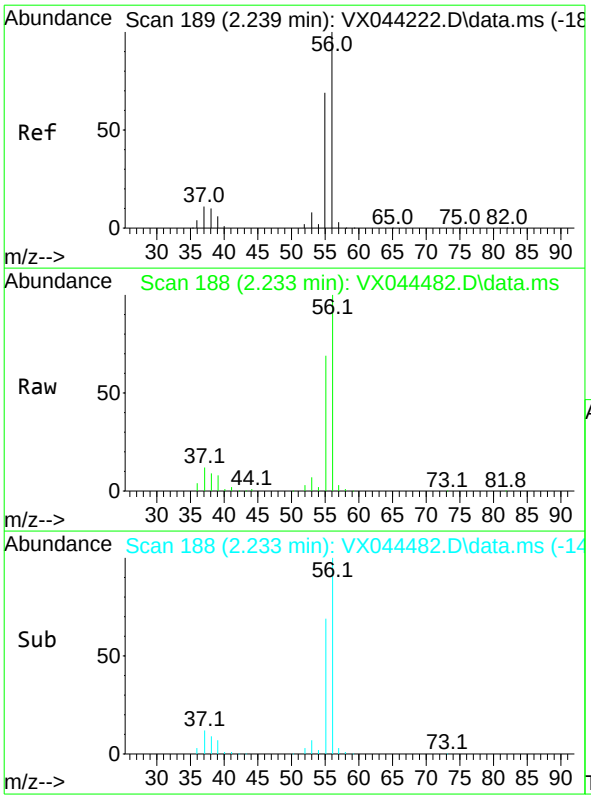


#12
1,1-Dichloroethene
Concen: 54.450 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 96 Resp: 80285

Ion	Ratio	Lower	Upper
96	100		
61	161.5	138.0	207.0
98	63.2	50.0	75.0

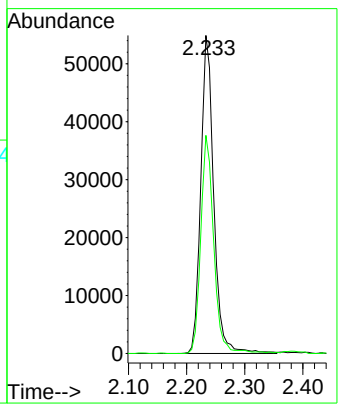




#13
Acrolein
Concen: 181.056 ug/l
RT: 2.233 min Scan# 18
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 56 Resp: 85193

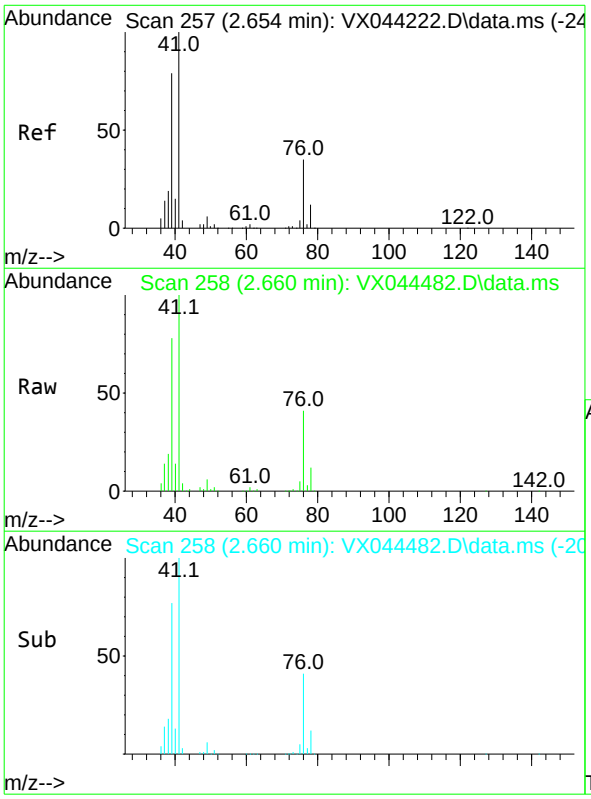
Ion	Ratio	Lower	Upper
56	100		
55	68.5	56.6	84.8



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations APPROVED

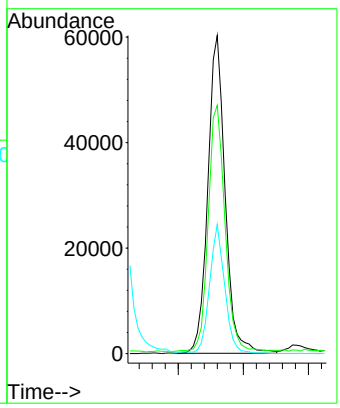
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

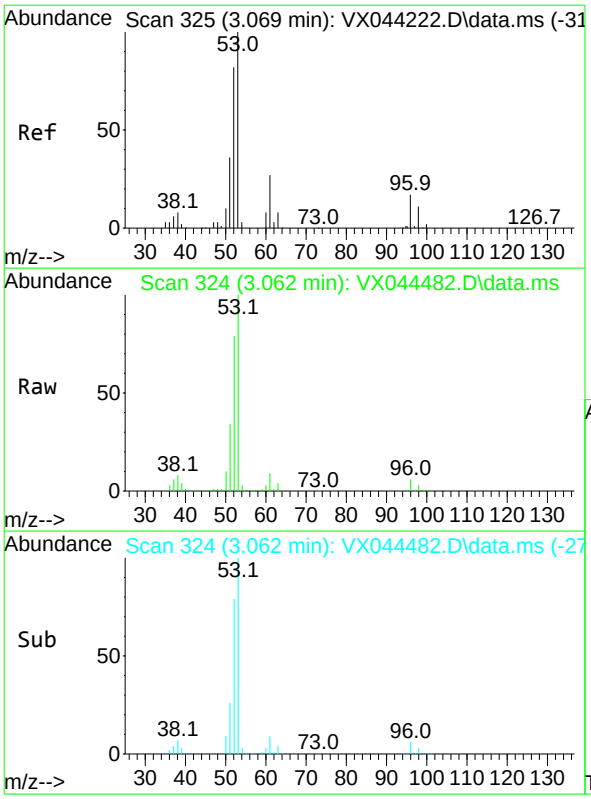


#14
Allyl chloride
Concen: 45.487 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 41 Resp: 111714

Ion	Ratio	Lower	Upper
41	100		
39	75.5	61.9	92.9
76	35.4	27.4	41.2

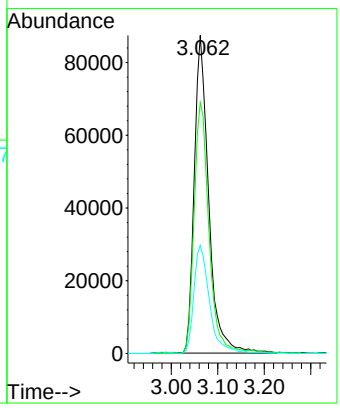




#15
Acrylonitrile
Concen: 209.289 ug/l
RT: 3.062 min Scan# 32
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 53 Resp: 188449

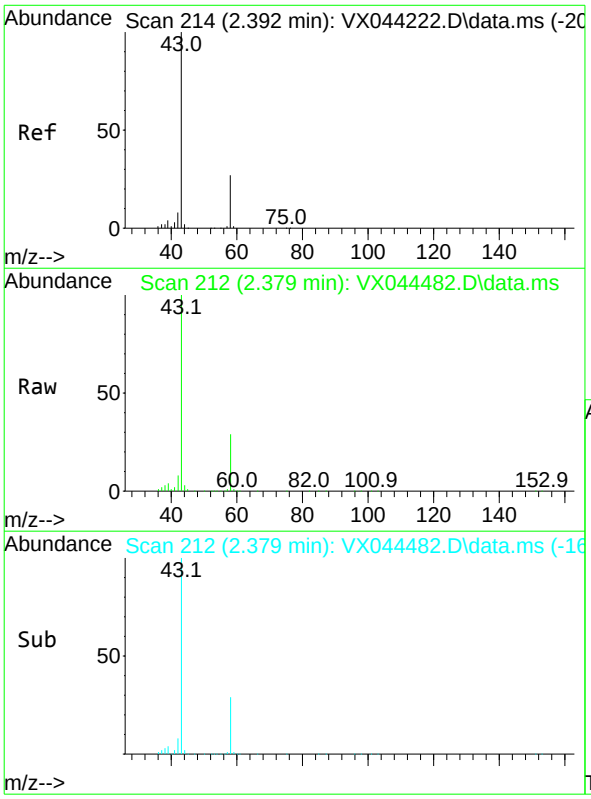
Ion	Ratio	Lower	Upper
53	100		
52	80.8	67.4	101.0
51	36.5	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

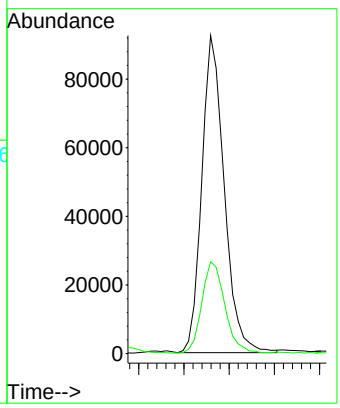
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

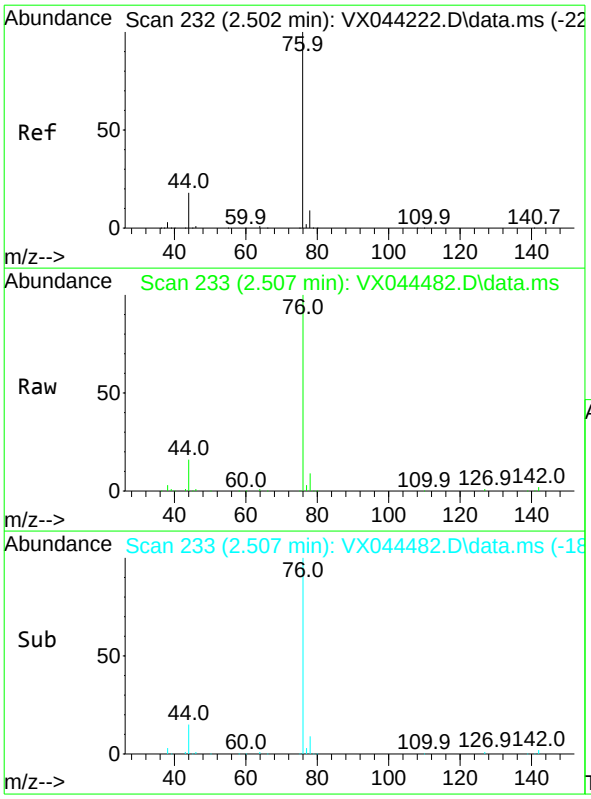


#16
Acetone
Concen: 169.639 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 43 Resp: 159511

Ion	Ratio	Lower	Upper
43	100		
58	28.7	21.6	32.4

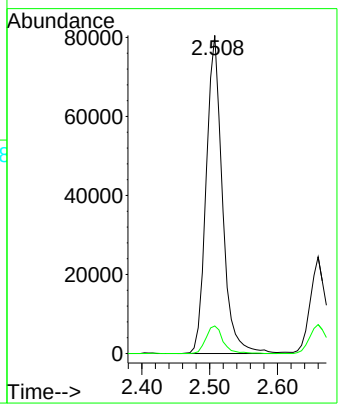




#17
Carbon Disulfide
Concen: 47.487 ug/l
RT: 2.507 min Scan# 23
Delta R.T. 0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 76 Resp: 133096

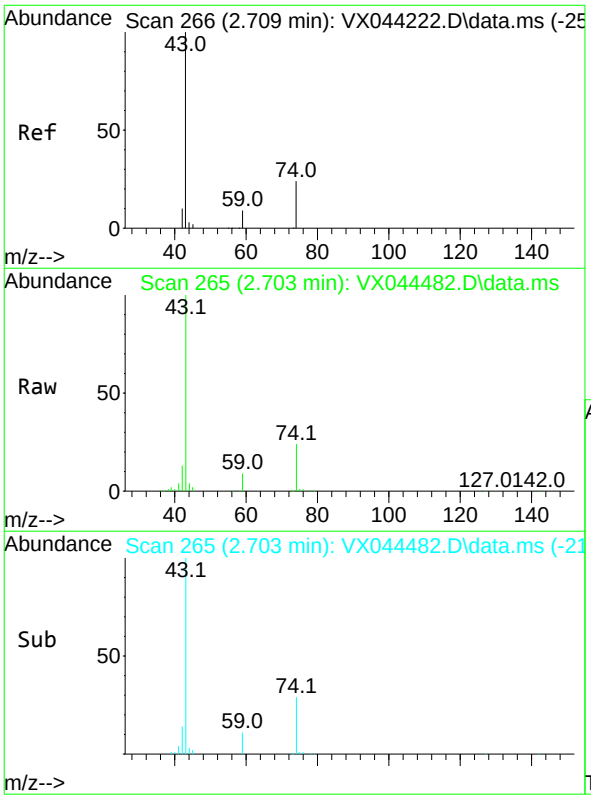
Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.4	11.0



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

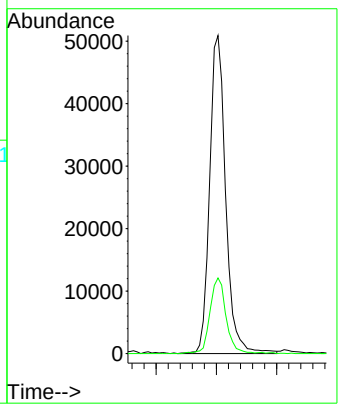
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

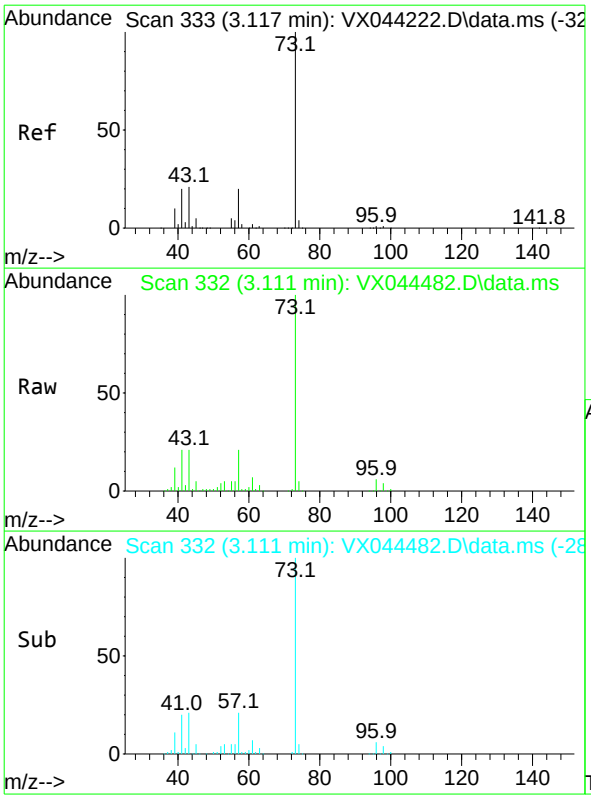


#18
Methyl Acetate
Concen: 38.780 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 43 Resp: 94020

Ion	Ratio	Lower	Upper
43	100		
74	24.1	17.7	26.5

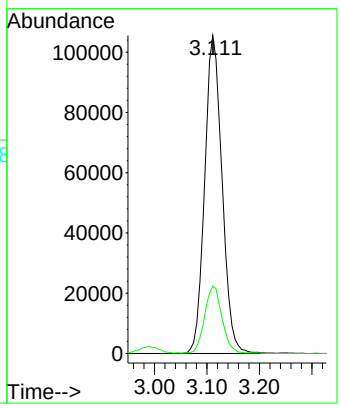




#19
Methyl tert-butyl Ether
Concen: 42.197 ug/l
RT: 3.111 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 73 Resp: 242799

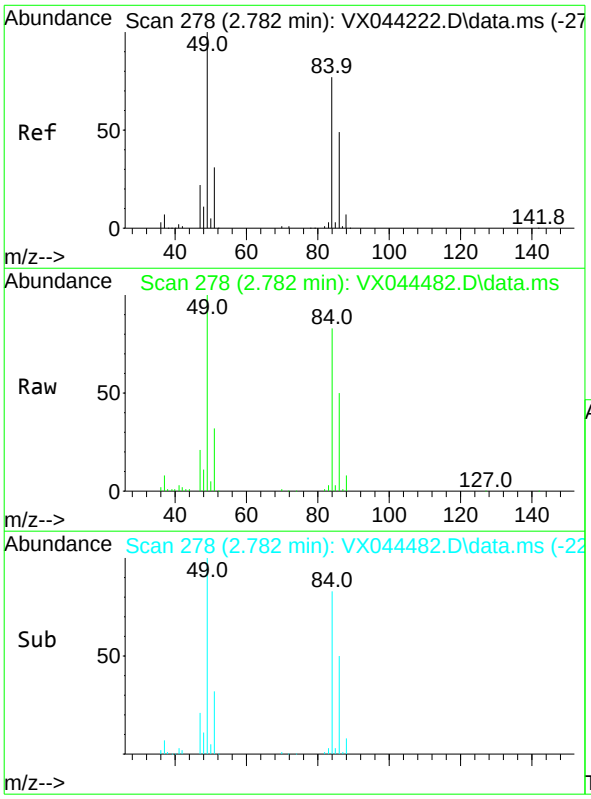
Ion	Ratio	Lower	Upper
73	100		
57	21.2	16.2	24.4



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

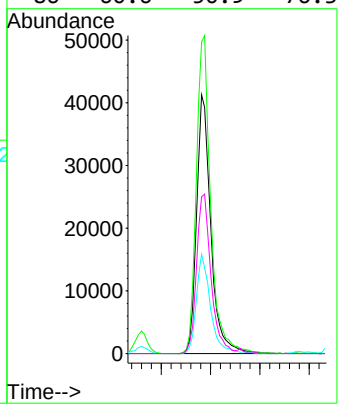
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

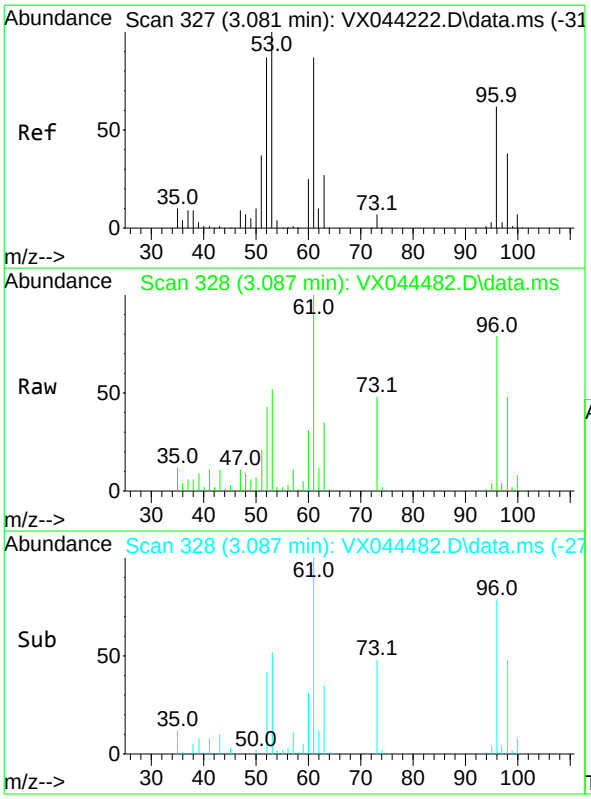


#20
Methylene Chloride
Concen: 46.810 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 84 Resp: 82671

Ion	Ratio	Lower	Upper
84	100		
49	120.4	104.2	156.4
51	38.4	32.2	48.4
86	60.6	50.9	76.3

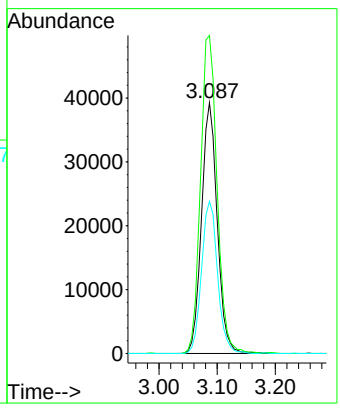




#21
trans-1,2-Dichloroethene
Concen: 47.100 ug/l
RT: 3.087 min Scan# 32
Delta R.T. 0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 96 Resp: 73808

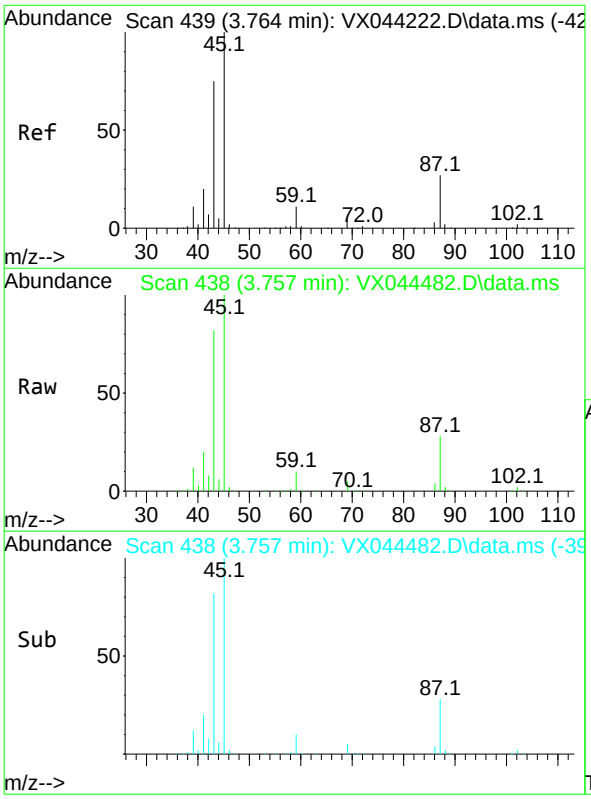
Ion	Ratio	Lower	Upper
96	100		
61	126.8	112.0	168.0
98	60.6	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

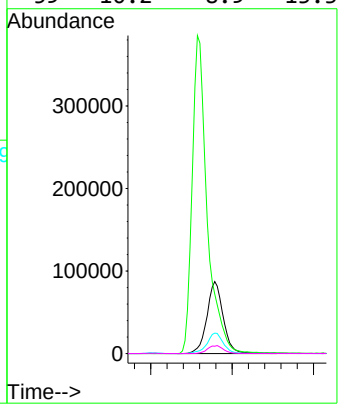
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

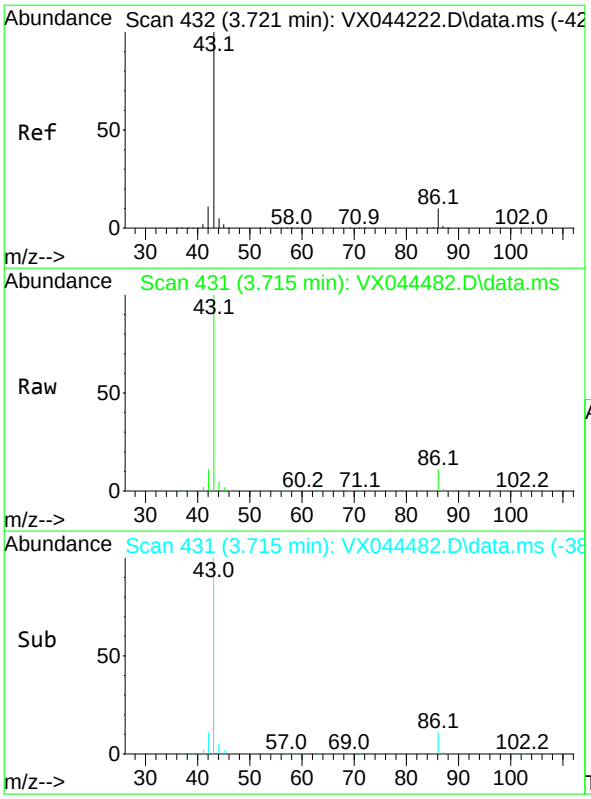


#22
Diisopropyl ether
Concen: 43.818 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 45 Resp: 242329

Ion	Ratio	Lower	Upper
45	100		
43	82.4	60.2	90.2
87	28.4	21.2	31.8
59	10.2	8.9	13.3

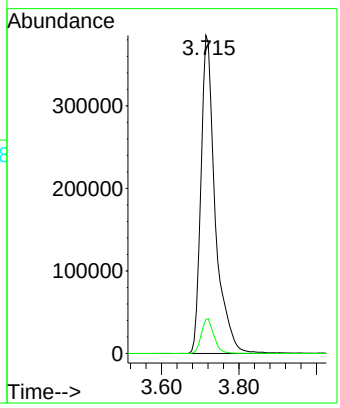




#23
Vinyl Acetate
Concen: 219.721 ug/l
RT: 3.715 min Scan# 43
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 43 Resp: 987899

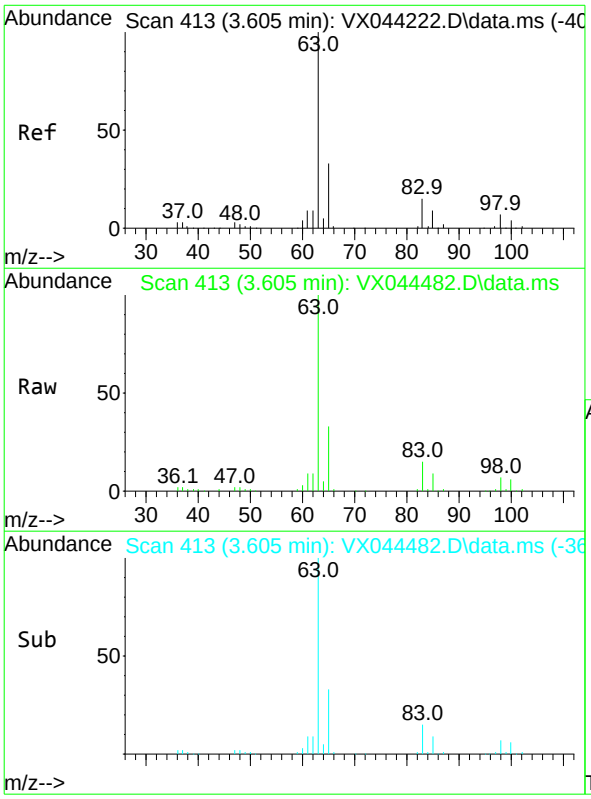
Ion	Ratio	Lower	Upper
43	100		
86	10.7	8.2	12.2



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

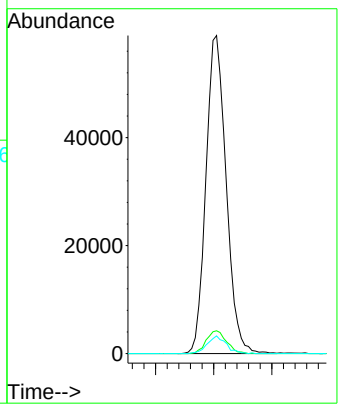
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

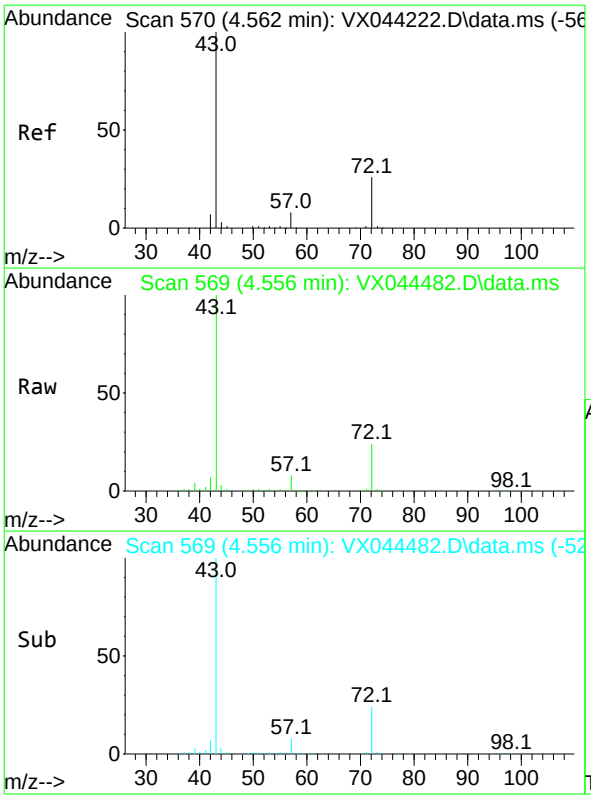


#24
1,1-Dichloroethane
Concen: 46.186 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 63 Resp: 142379

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.6	10.8
100	5.6	2.1	6.3

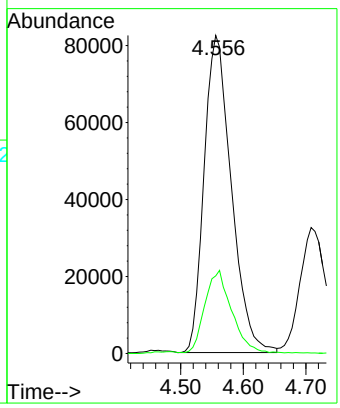




#25
2-Butanone
Concen: 186.080 ug/l
RT: 4.556 min Scan# 56
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 43 Resp: 248746

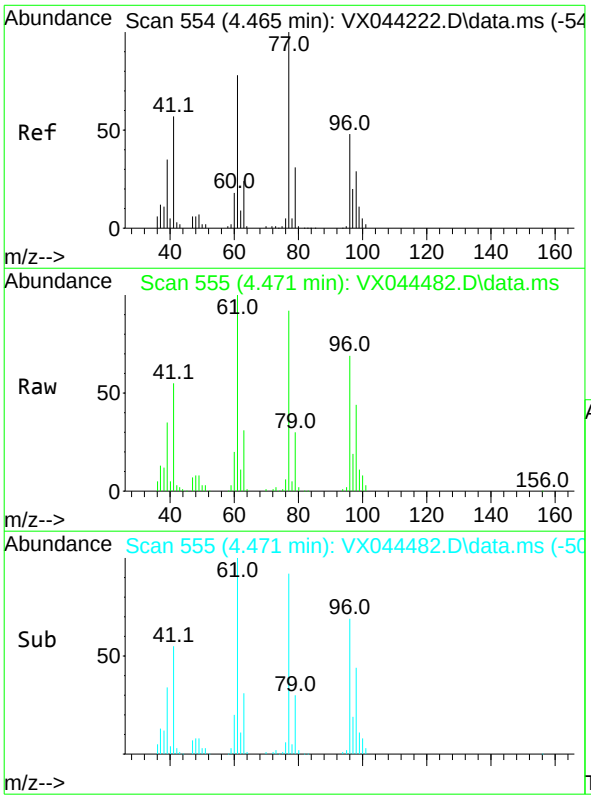
Ion	Ratio	Lower	Upper
43	100		
72	24.2	20.2	30.4



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

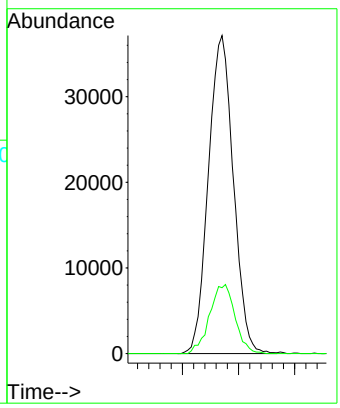
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

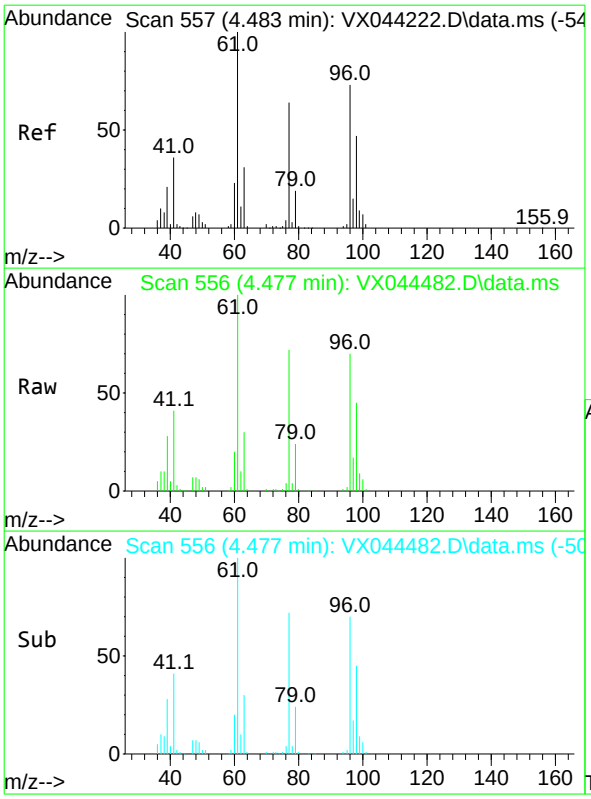


#26
2,2-Dichloropropane
Concen: 45.919 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 77 Resp: 114998

Ion	Ratio	Lower	Upper
77	100		
97	22.1	10.7	32.1

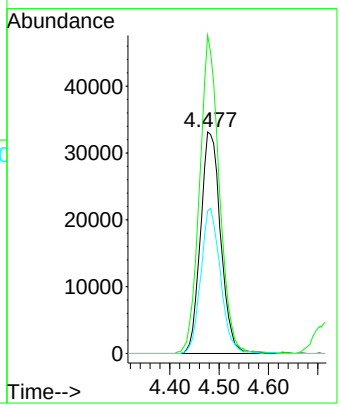




#27
cis-1,2-Dichloroethene
Concen: 47.125 ug/l
RT: 4.477 min Scan# 55
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 96 Resp: 93787

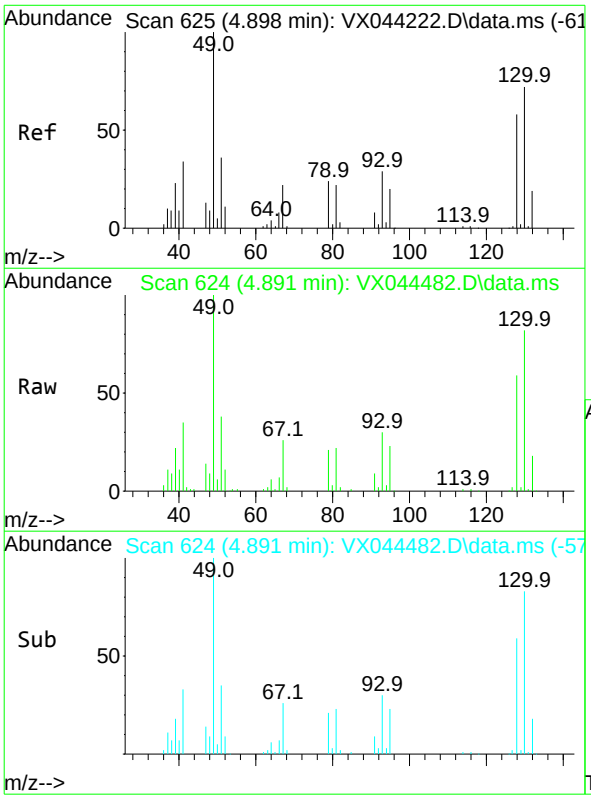
Ion	Ratio	Lower	Upper
96	100		
61	140.2	0.0	299.0
98	64.1	0.0	129.0



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

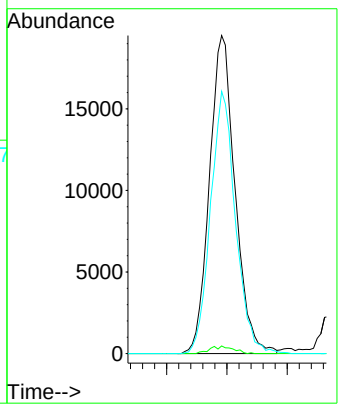
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

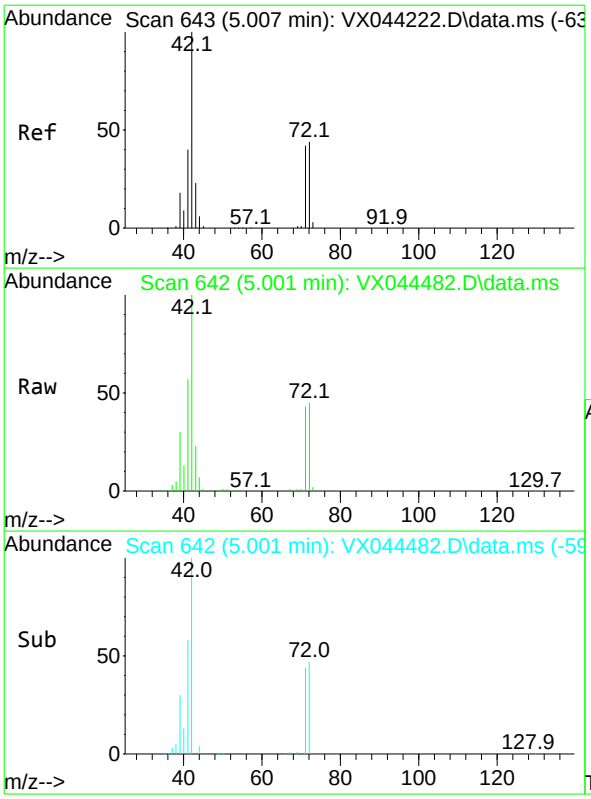


#28
Bromochloromethane
Concen: 38.005 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 49 Resp: 57451

Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	4.2
130	80.5	62.1	93.1

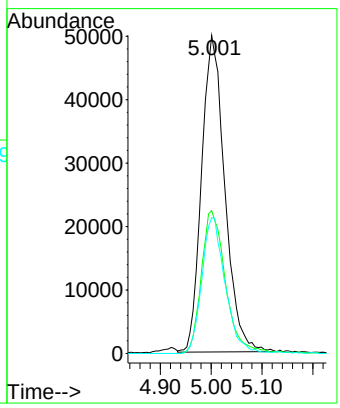




#29
Tetrahydrofuran
Concen: 184.328 ug/l
RT: 5.001 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 42 Resp: 158158

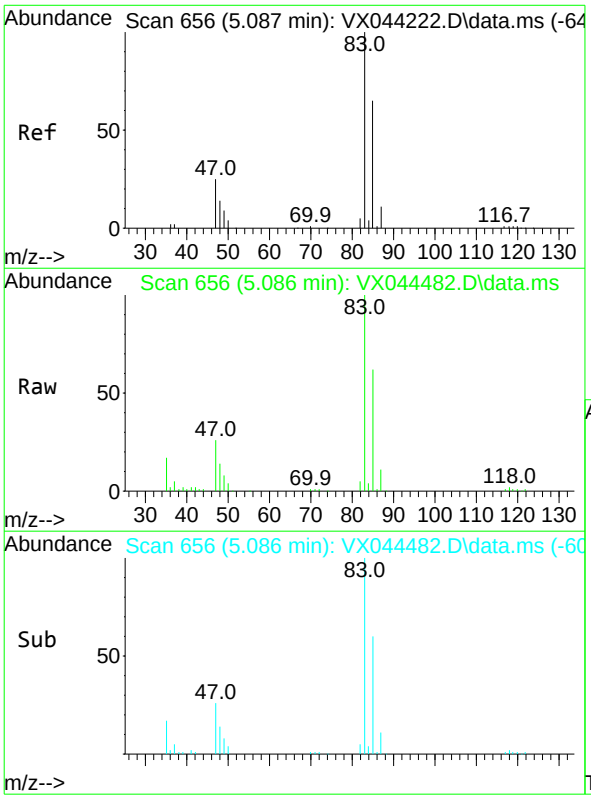
Ion	Ratio	Lower	Upper
42	100		
72	46.9	37.0	55.6
71	43.2	33.6	50.4



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

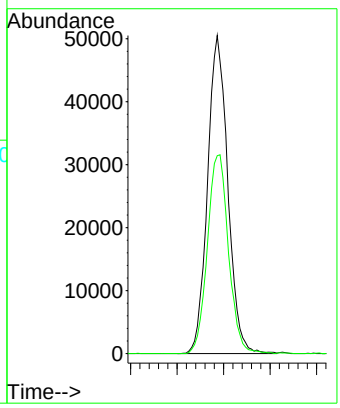
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

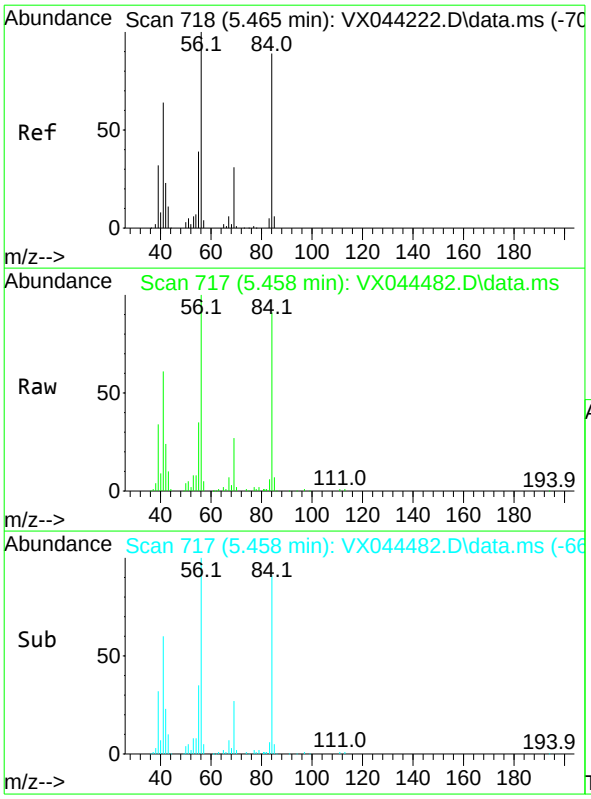


#30
Chloroform
Concen: 44.073 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 83 Resp: 152649

Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.6	77.4

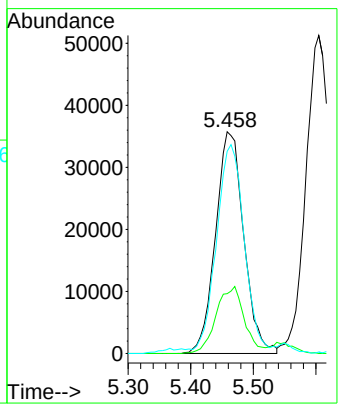




#31
Cyclohexane
Concen: 44.922 ug/l
RT: 5.458 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 56 Resp: 111826

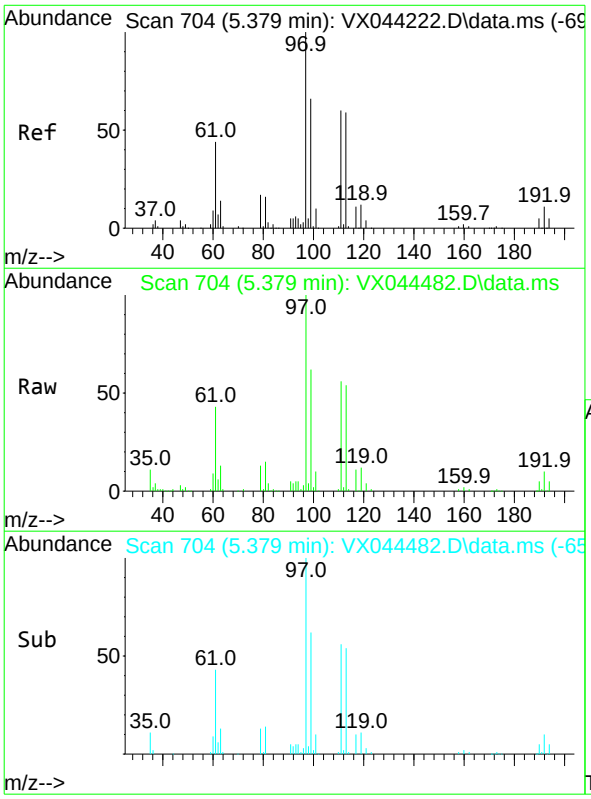
Ion	Ratio	Lower	Upper
56	100		
69	27.0	24.7	37.1
84	89.4	71.0	106.6



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

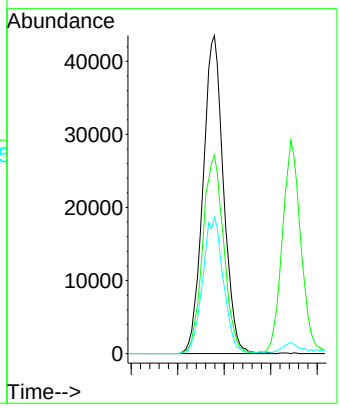
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

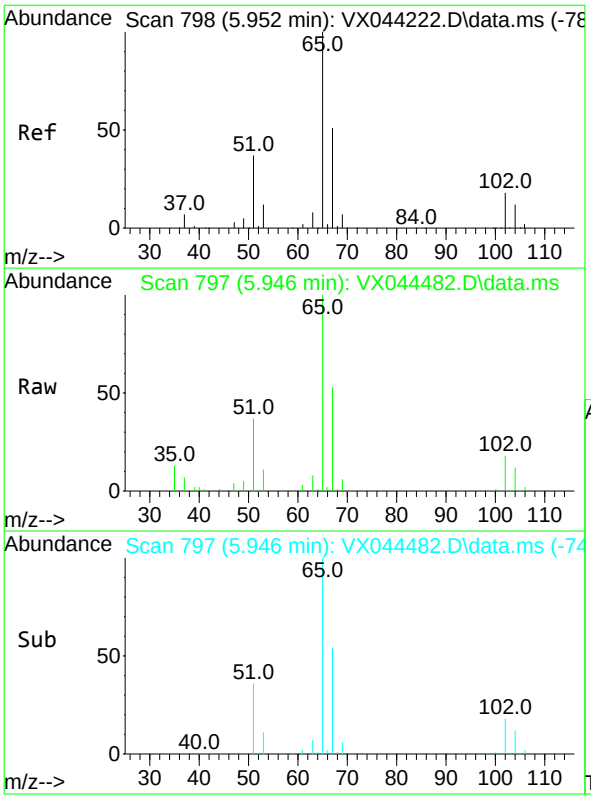


#32
1,1,1-Trichloroethane
Concen: 46.251 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 97 Resp: 132974

Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.8	76.2
61	43.5	35.2	52.8

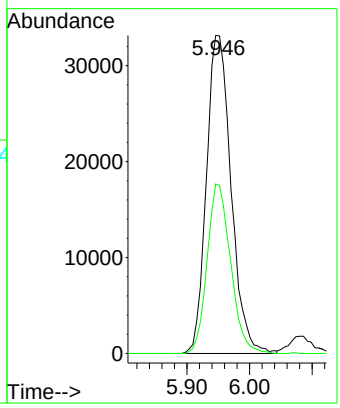




#33
1,2-Dichloroethane-d4
Concen: 39.297 ug/l
RT: 5.946 min Scan# 79
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 65 Resp: 90637

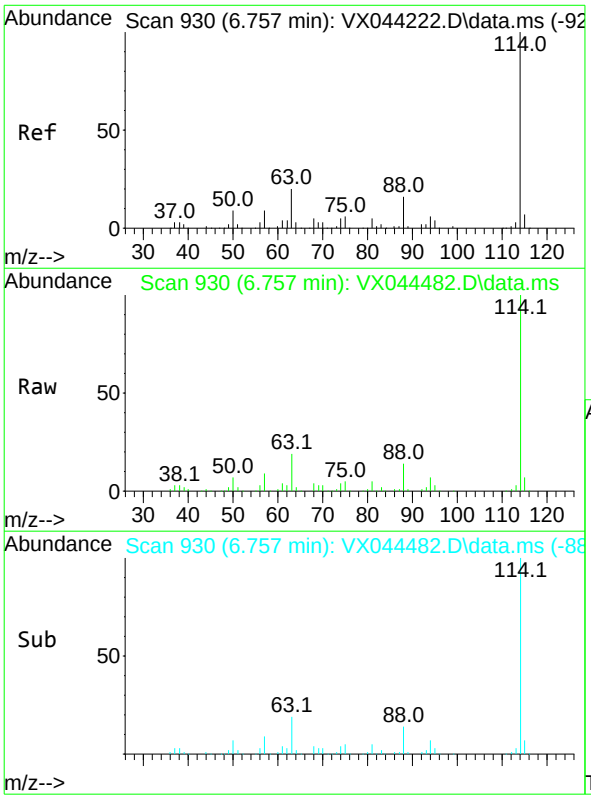
Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	101.6



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

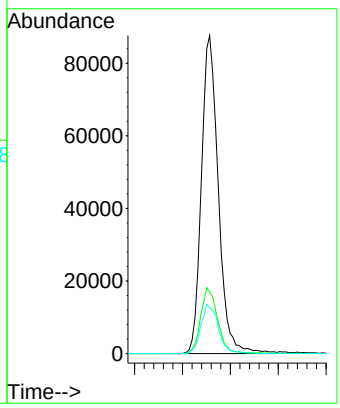
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

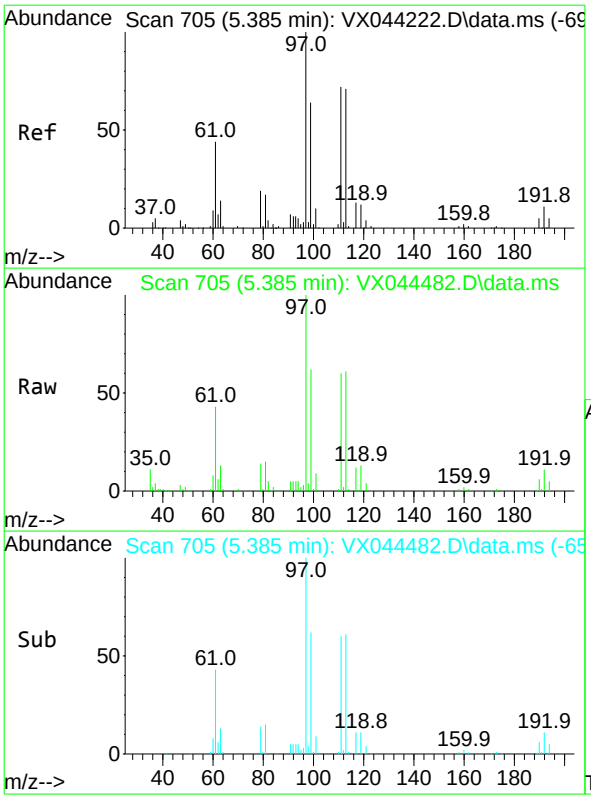


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:114 Resp: 214972

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	40.6
88	14.5	0.0	31.8

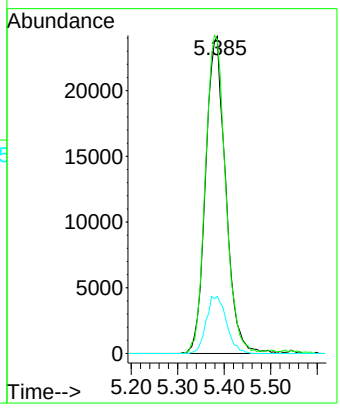




#35
Dibromofluoromethane
Concen: 48.598 ug/l
RT: 5.385 min Scan# 70
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:113 Resp: 72356

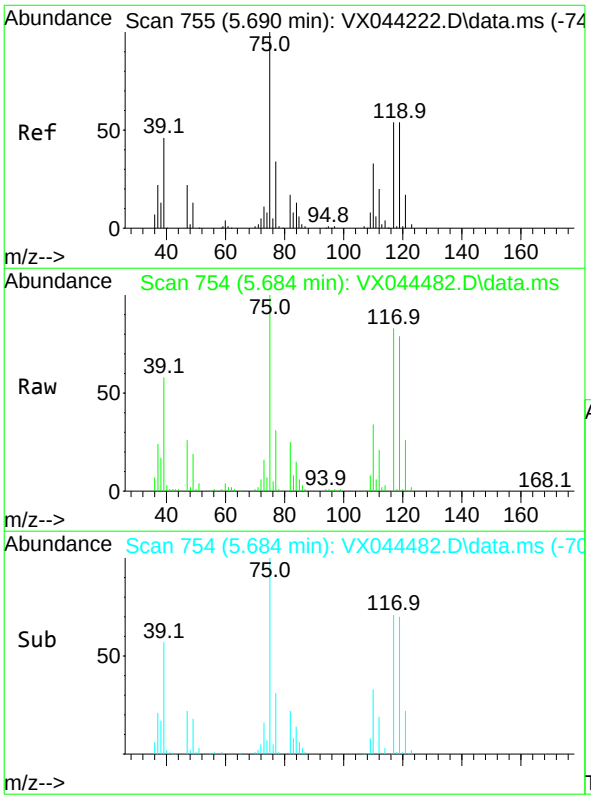
Ion	Ratio	Lower	Upper
113	100		
111	101.0	80.4	120.6
192	18.2	13.3	19.9



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

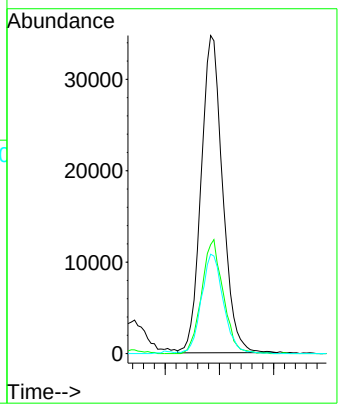
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

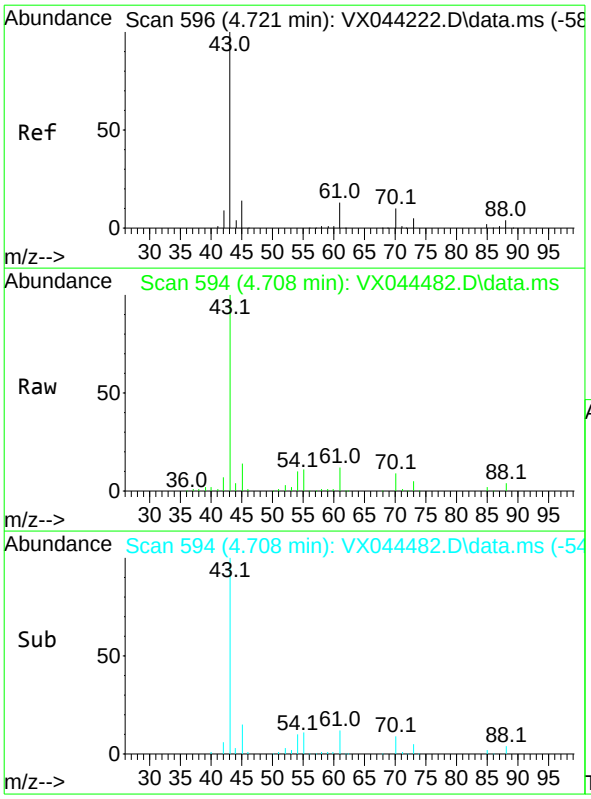


#36
1,1-Dichloropropene
Concen: 49.674 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 75 Resp: 95602

Ion	Ratio	Lower	Upper
75	100		
110	36.0	17.3	51.7
77	32.1	25.4	38.0

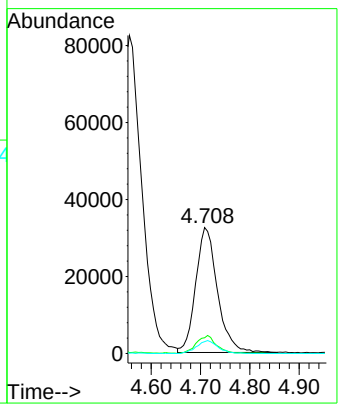




#37
Ethyl Acetate
Concen: 41.695 ug/l
RT: 4.708 min Scan# 59
Delta R.T. -0.012 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 43 Resp: 99193

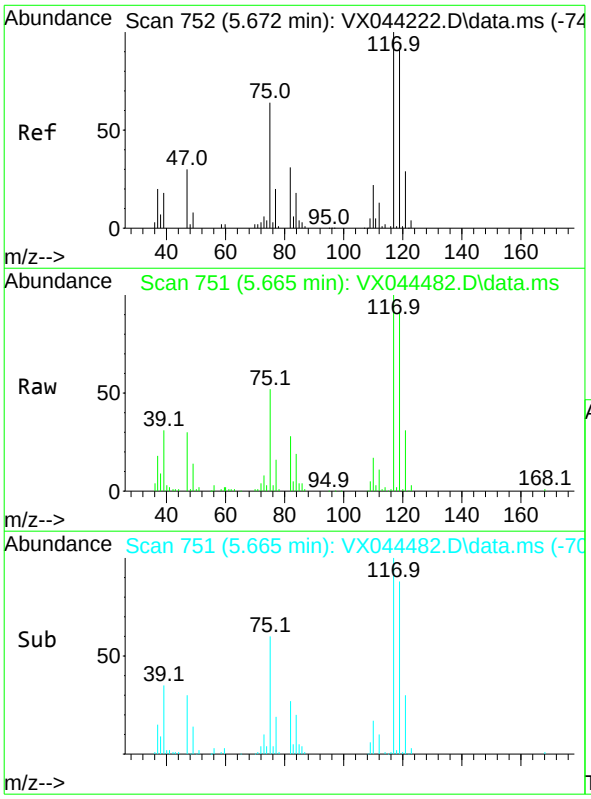
Ion	Ratio	Lower	Upper
43	100		
61	13.4	9.8	14.8
70	10.0	7.7	11.5



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

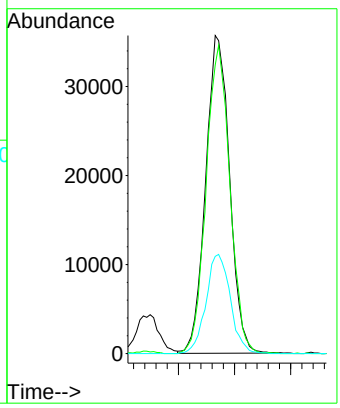
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

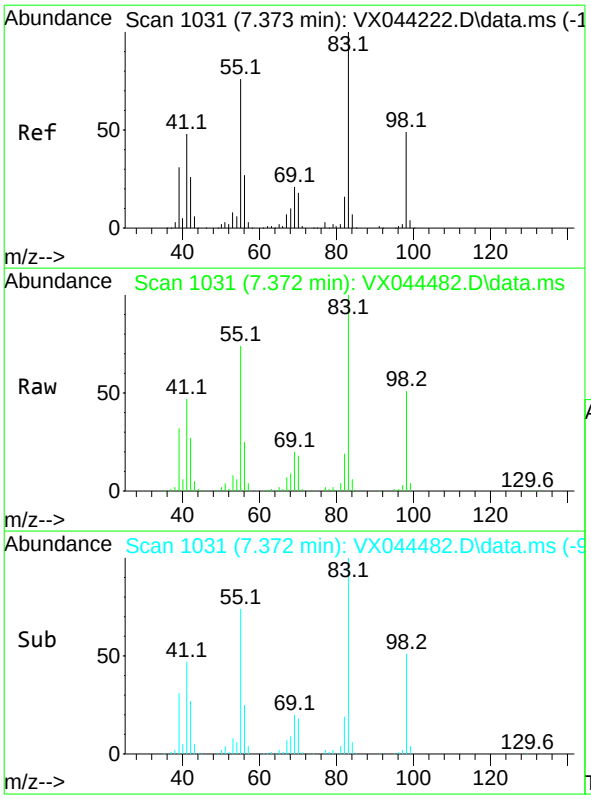


#38
Carbon Tetrachloride
Concen: 51.000 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:117 Resp: 105673

Ion	Ratio	Lower	Upper
117	100		
119	90.9	74.2	111.4
121	30.6	23.0	34.6

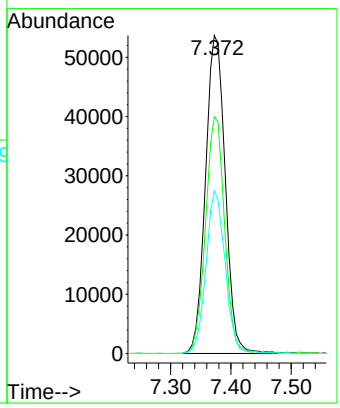




#39
Methylcyclohexane
Concen: 53.090 ug/l
RT: 7.372 min Scan# 10
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 83 Resp: 122149

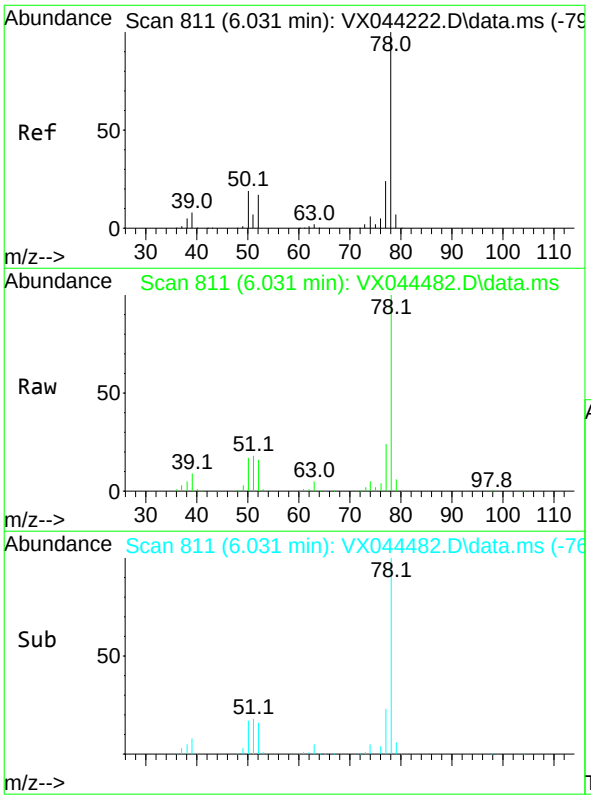
Ion	Ratio	Lower	Upper
83	100		
55	74.3	60.7	91.1
98	51.0	38.9	58.3



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

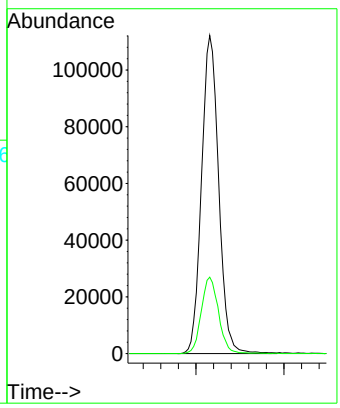
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

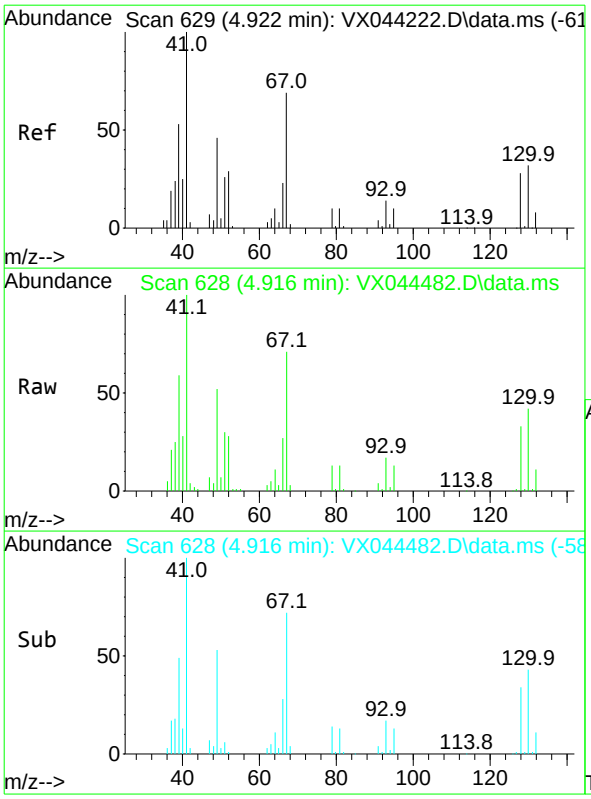


#40
Benzene
Concen: 51.956 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 78 Resp: 303599

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.3	28.9

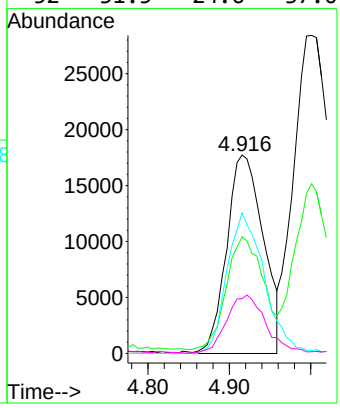




#41
Methacrylonitrile
Concen: 44.029 ug/l
RT: 4.916 min Scan# 62
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

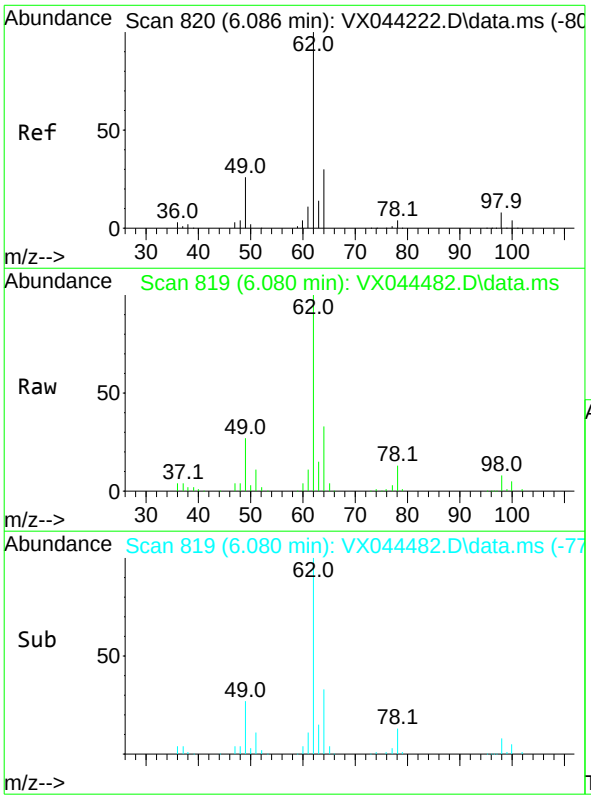
Tgt Ion: 41 Resp: 55620

Ion	Ratio	Lower	Upper
41	100		
39	57.3	44.2	66.4
67	72.2	57.2	85.8
52	31.5	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

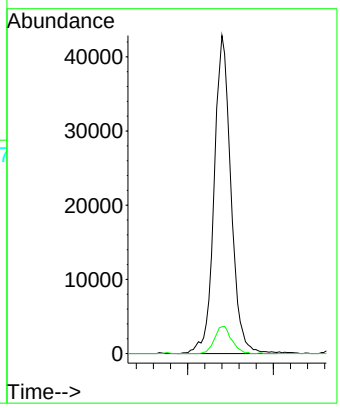
Manual Integrations
APPROVED
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

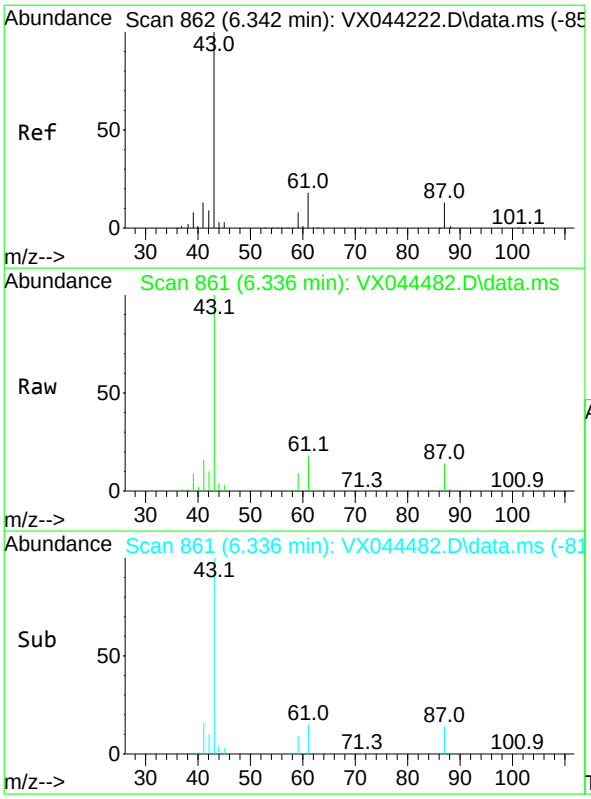


#42
1,2-Dichloroethane
Concen: 48.622 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 62 Resp: 117037

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	15.8

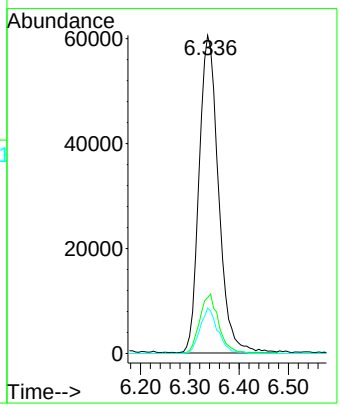




#43
Isopropyl Acetate
Concen: 44.526 ug/l
RT: 6.336 min Scan# 86
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 43 Resp: 165564

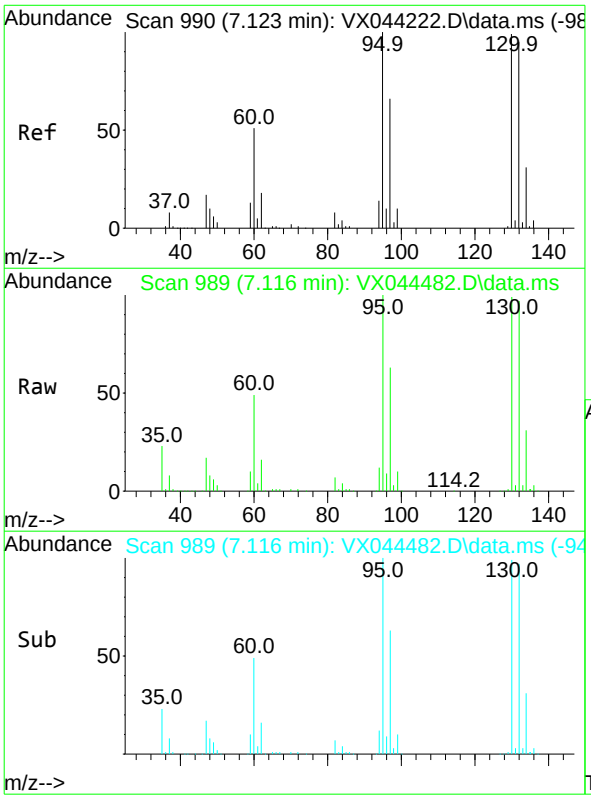
Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.2	21.2
87	13.1	10.2	15.2



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

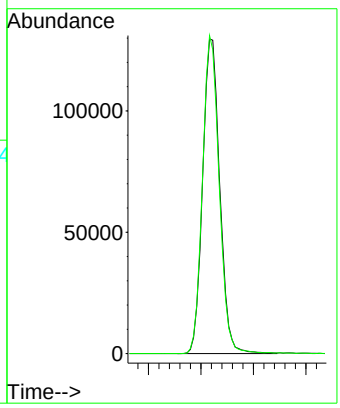
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

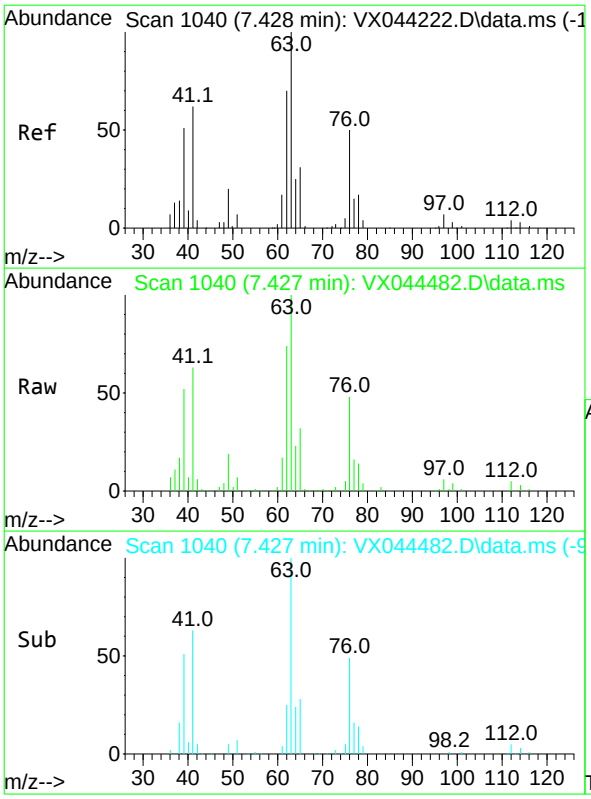


#44
Trichloroethene
Concen: 201.214 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:130 Resp: 293203

Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	201.4

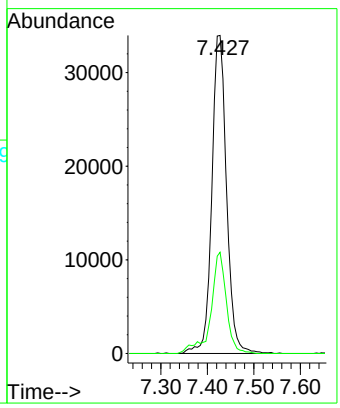




#45
1,2-Dichloropropane
Concen: 50.000 ug/l
RT: 7.427 min Scan# 10
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 63 Resp: 74644

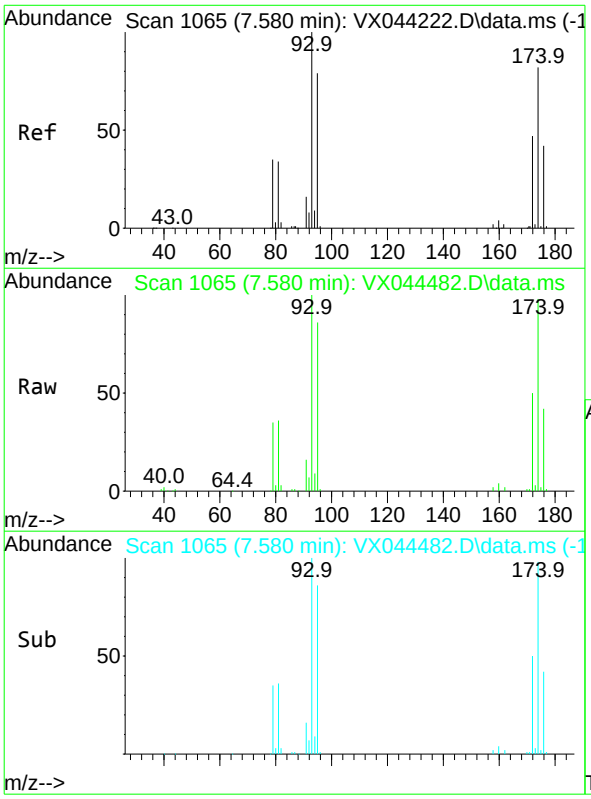
Ion	Ratio	Lower	Upper
63	100		
65	31.8	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

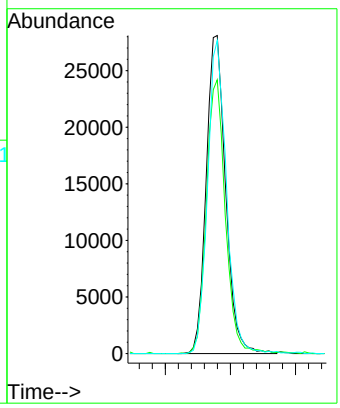
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

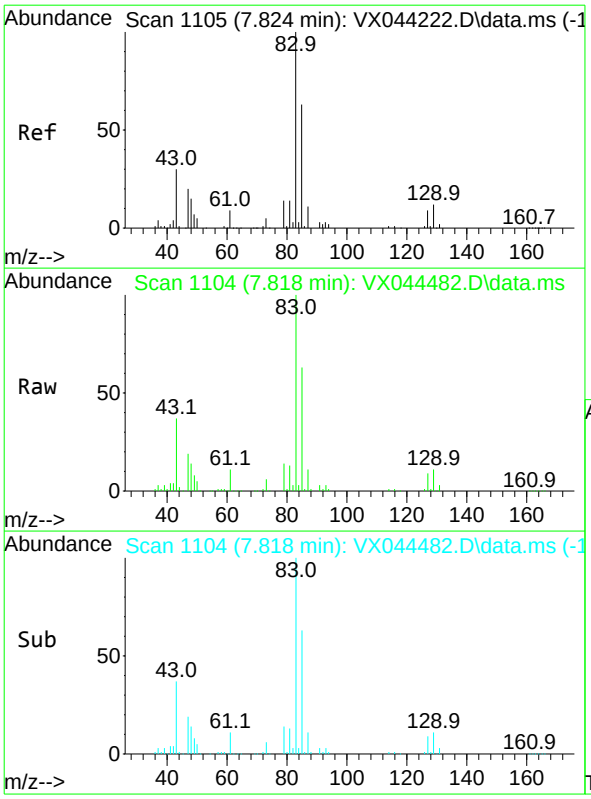


#46
Dibromomethane
Concen: 50.168 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 93 Resp: 58103

Ion	Ratio	Lower	Upper
93	100		
95	84.0	65.4	98.2
174	95.6	67.9	101.9

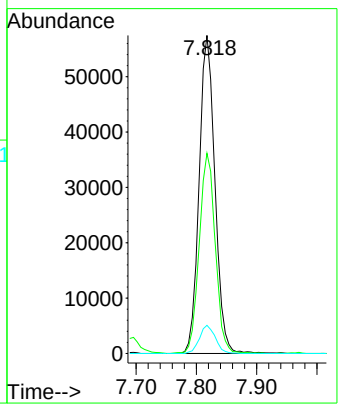




#47
Bromodichloromethane
Concen: 52.323 ug/l
RT: 7.818 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 83 Resp: 104657

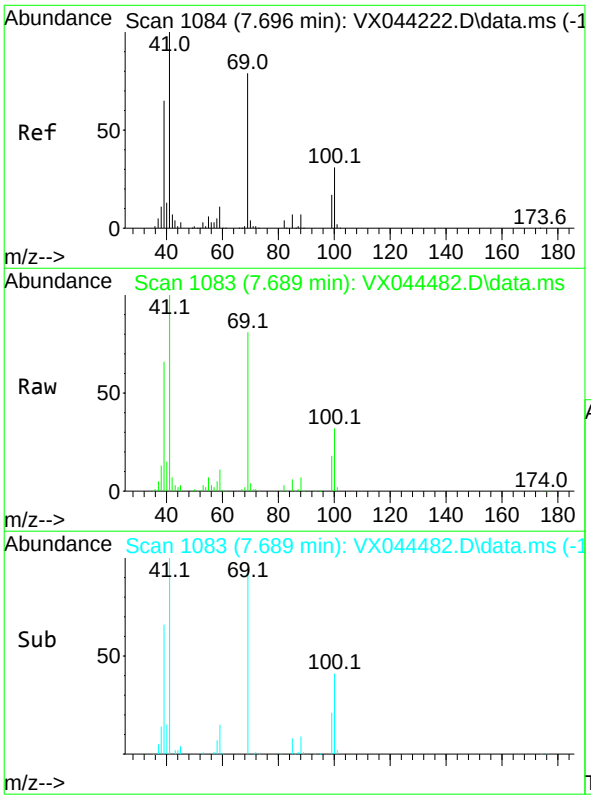
Ion	Ratio	Lower	Upper
83	100		
85	62.9	50.6	75.8
127	8.8	7.3	10.9



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

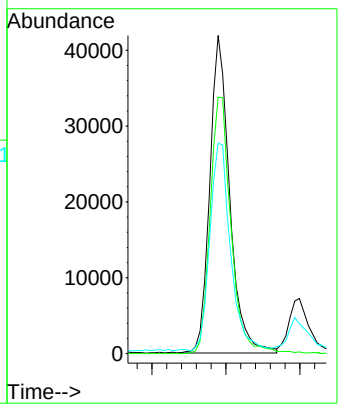
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

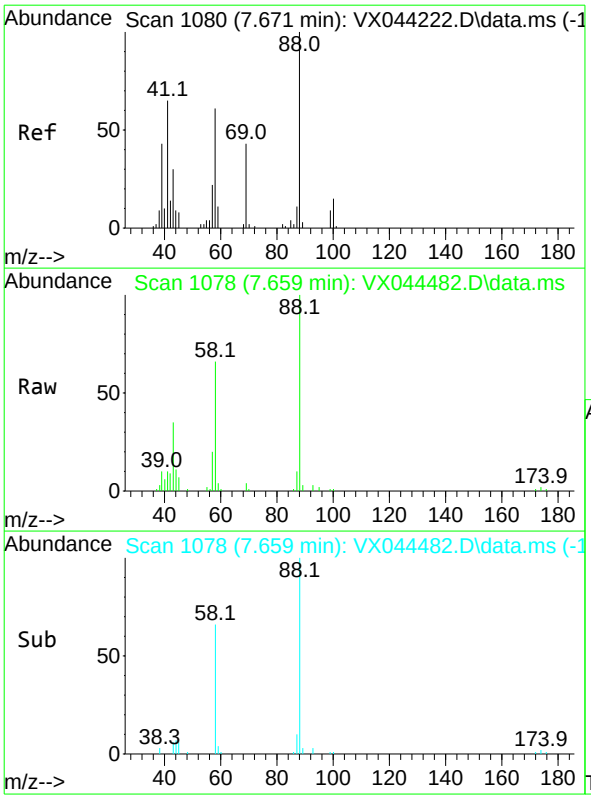


#48
Methyl methacrylate
Concen: 43.344 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 41 Resp: 78236

Ion	Ratio	Lower	Upper
41	100		
69	84.8	62.4	93.6
39	68.1	53.3	79.9

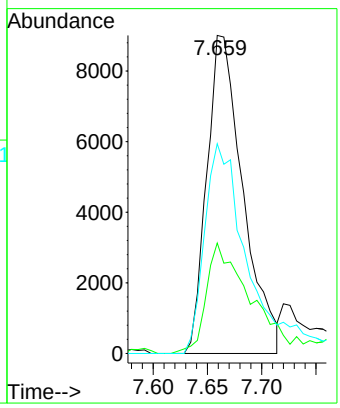




#49
1,4-Dioxane
Concen: 698.520 ug/l
RT: 7.659 min Scan# 10
Delta R.T. -0.012 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 88 Resp: 20904

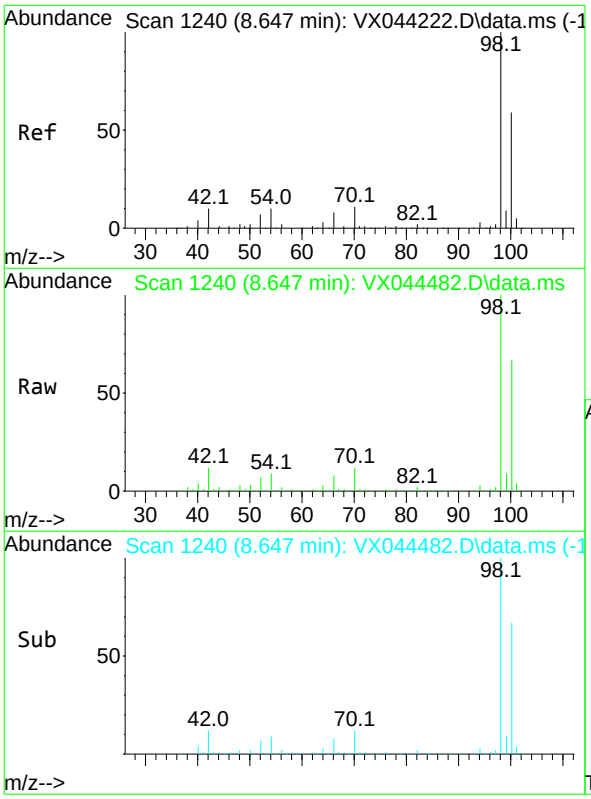
Ion	Ratio	Lower	Upper
88	100		
43	41.3	27.1	40.7#
58	78.7	41.0	61.4#



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

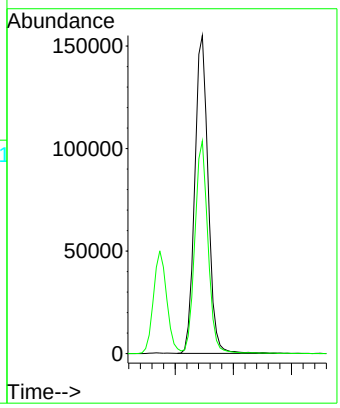
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

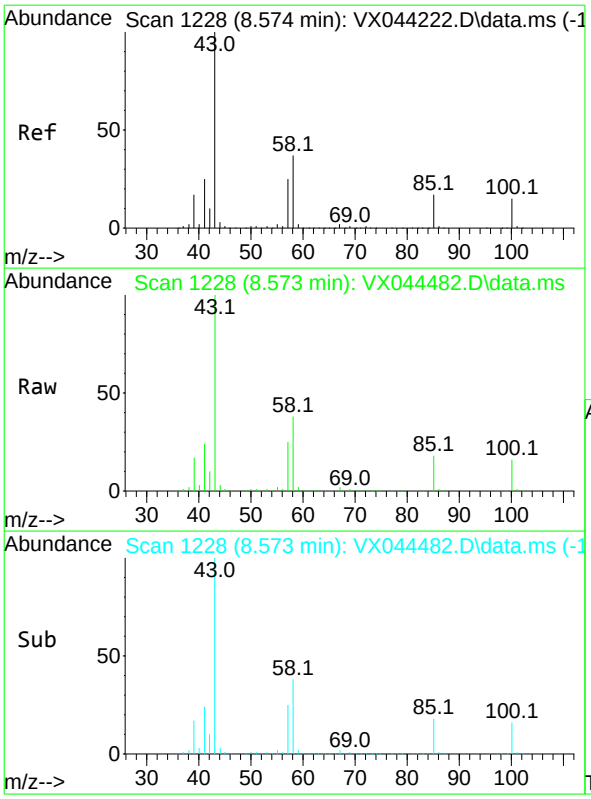


#50
Toluene-d8
Concen: 49.420 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 98 Resp: 248239

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.5	77.3

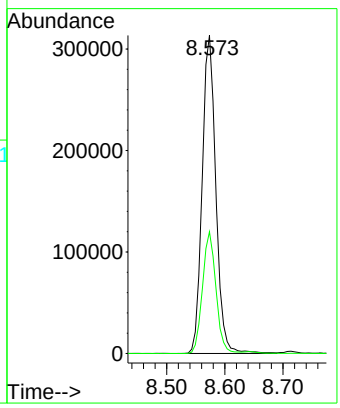




#51
4-Methyl-2-Pentanone
Concen: 214.085 ug/l
RT: 8.573 min Scan# 12
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 43 Resp: 511840

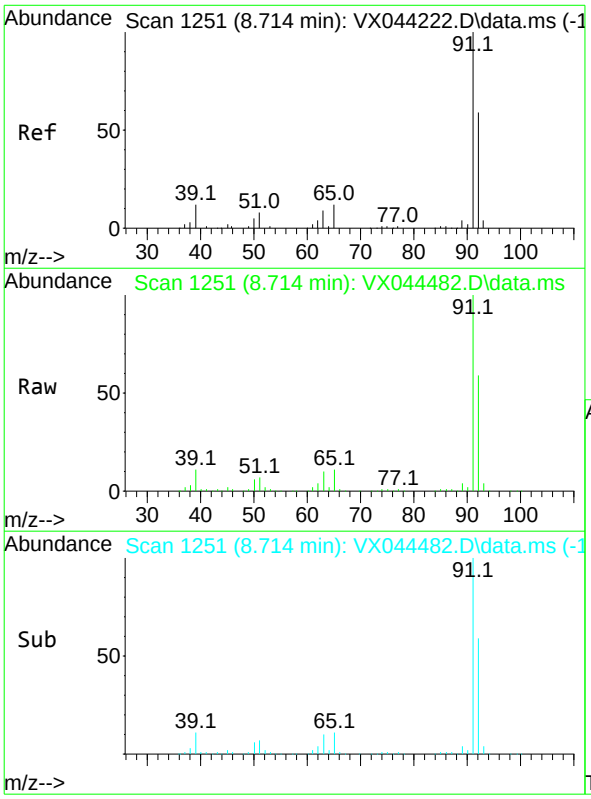
Ion	Ratio	Lower	Upper
43	100		
58	37.7	29.4	44.0



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

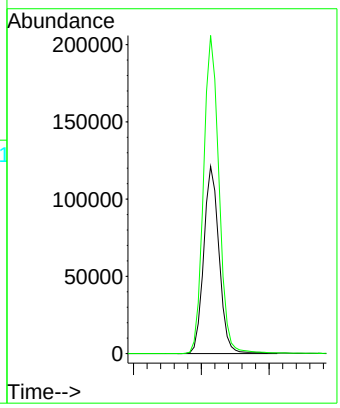
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

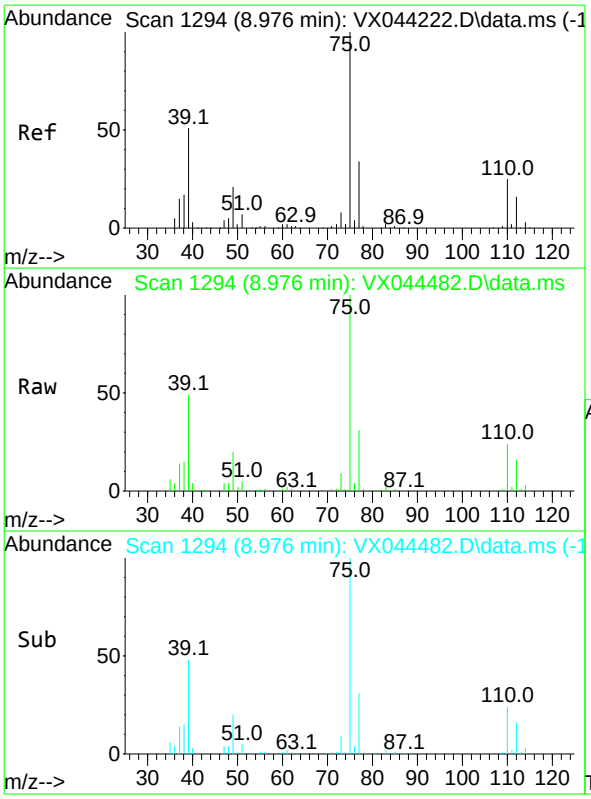


#52
Toluene
Concen: 51.886 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 92 Resp: 190396

Ion	Ratio	Lower	Upper
92	100		
91	171.5	137.0	205.6

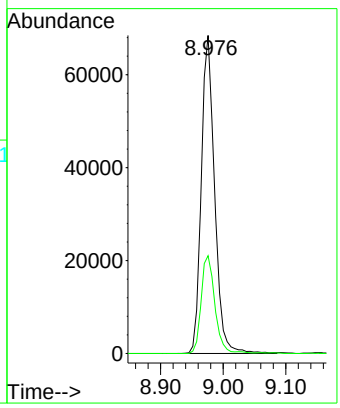




#53
t-1,3-Dichloropropene
Concen: 47.332 ug/l
RT: 8.976 min Scan# 12
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 75 Resp: 101232

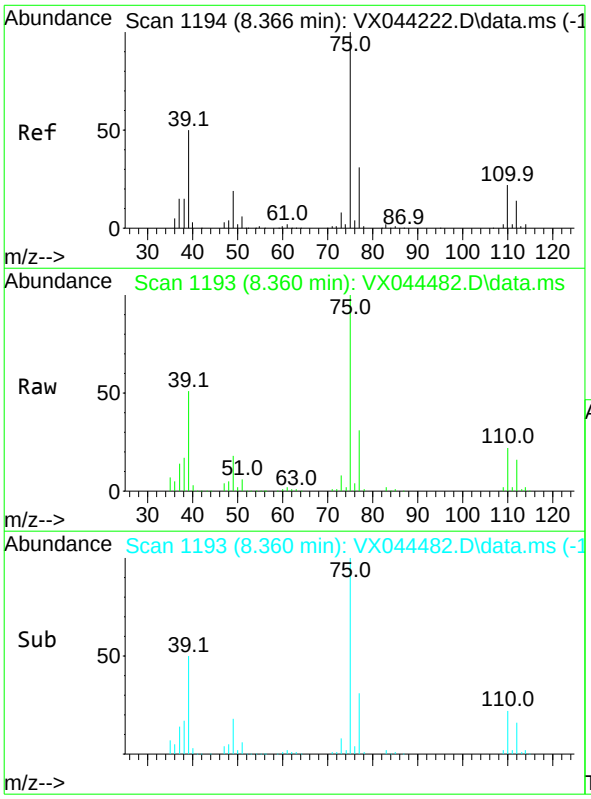
Ion	Ratio	Lower	Upper
75	100		
77	30.7	27.2	40.8



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

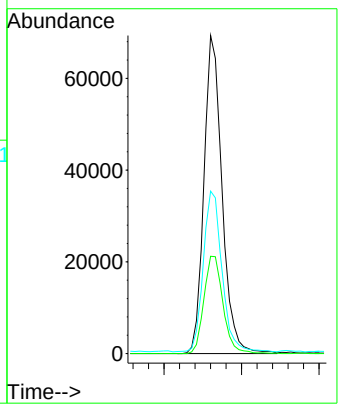
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

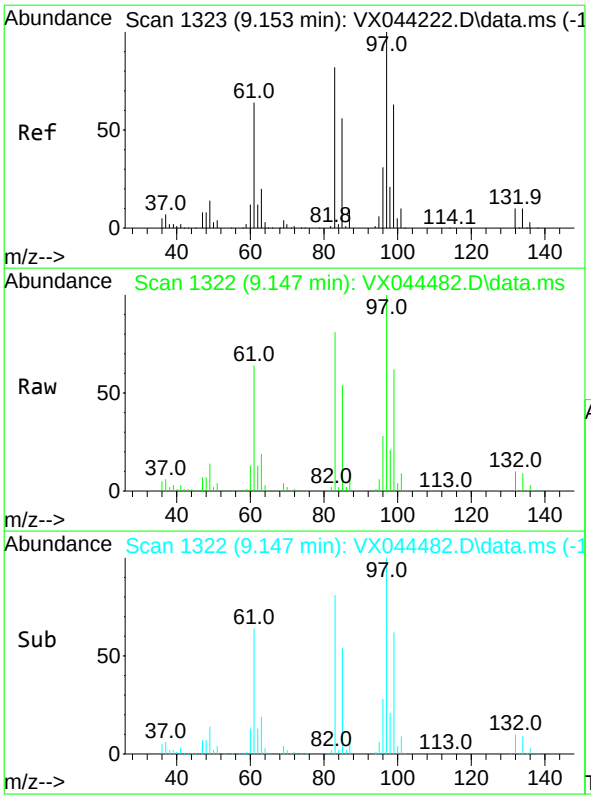


#54
cis-1,3-Dichloropropene
Concen: 51.747 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 75 Resp: 112700

Ion	Ratio	Lower	Upper
75	100		
77	30.6	24.7	37.1
39	50.5	40.3	60.5

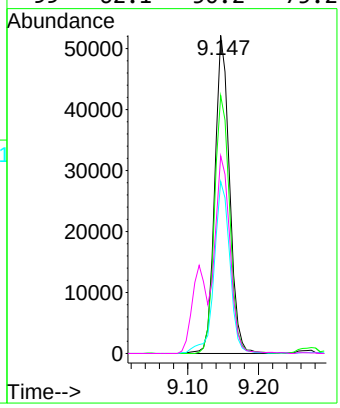




#55
1,1,2-Trichloroethane
Concen: 51.783 ug/l
RT: 9.147 min Scan# 13
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 97 Resp: 75487

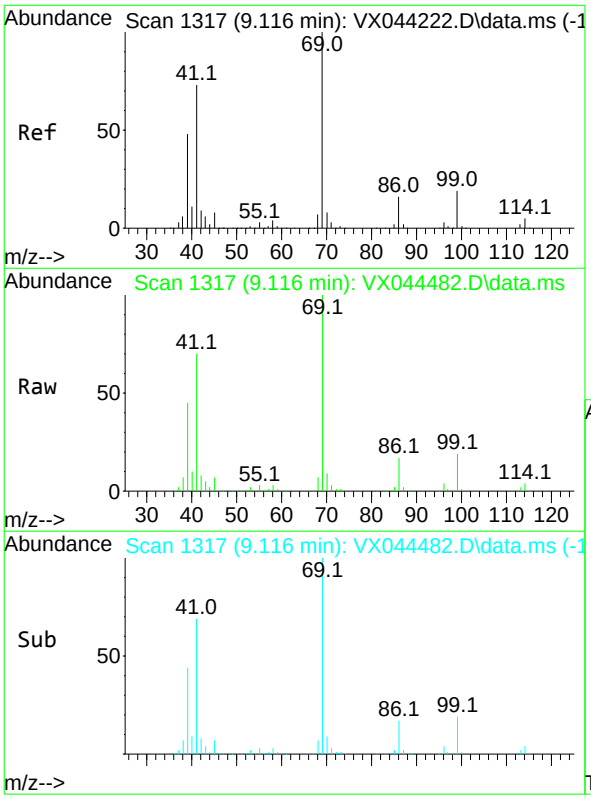
Ion	Ratio	Lower	Upper
97	100		
83	81.1	65.3	97.9
85	54.1	44.6	67.0
99	62.1	50.2	75.2



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

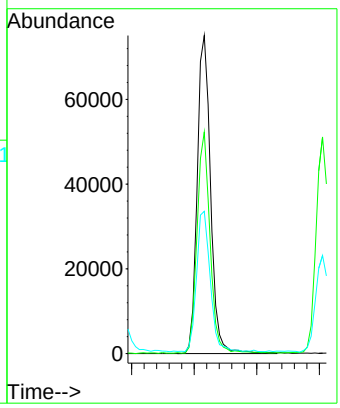
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

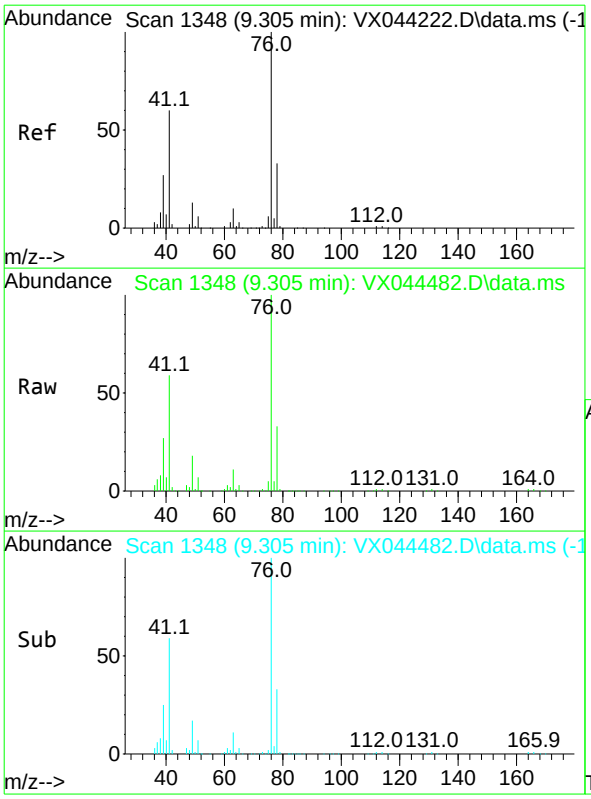


#56
Ethyl methacrylate
Concen: 48.446 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 69 Resp: 111491

Ion	Ratio	Lower	Upper
69	100		
41	67.4	56.6	85.0
39	44.6	37.4	56.0

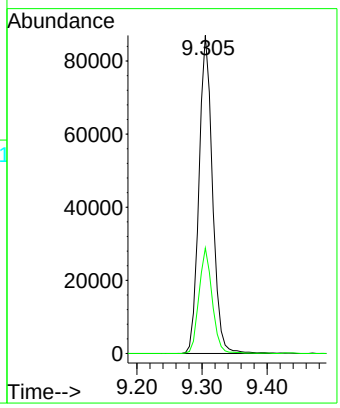




#57
1,3-Dichloropropane
Concen: 49.489 ug/l
RT: 9.305 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 76 Resp: 125572

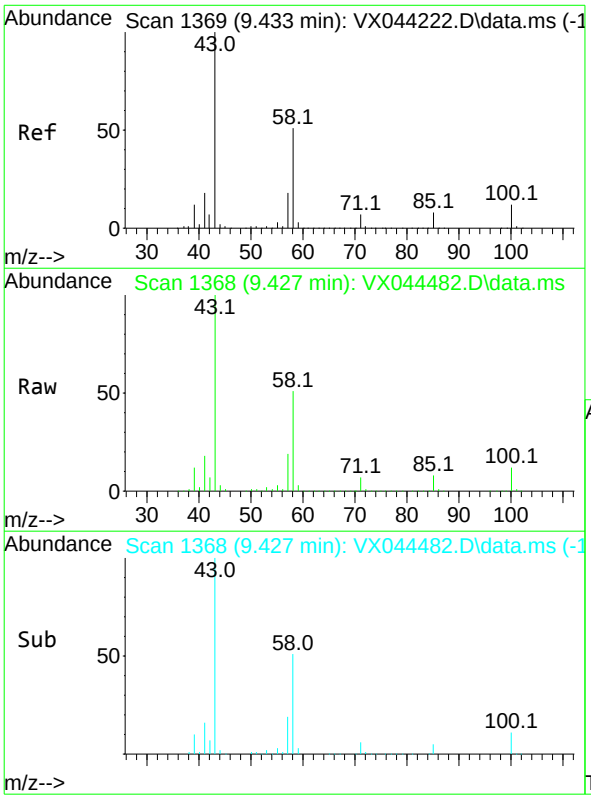
Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

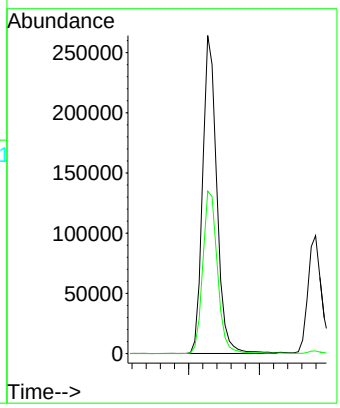
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

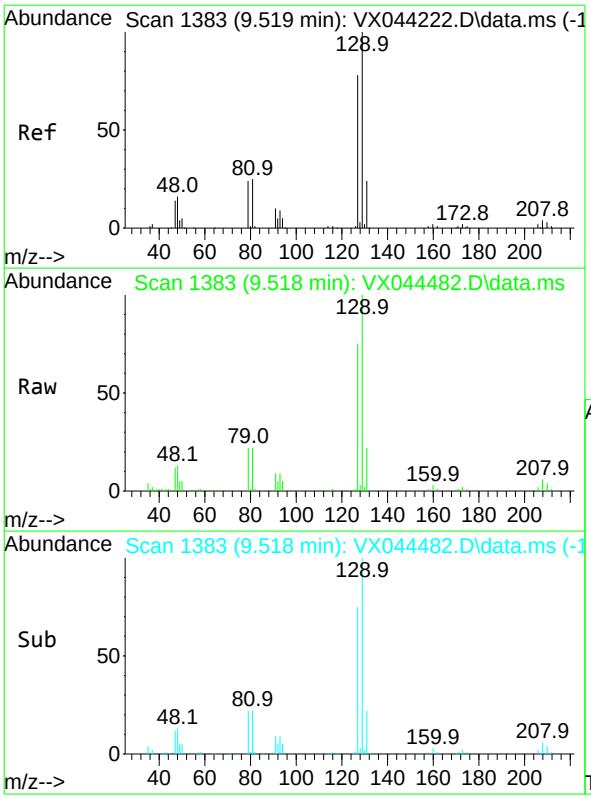


#59
2-Hexanone
Concen: 212.014 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 43 Resp: 366899

Ion	Ratio	Lower	Upper
43	100		
58	52.9	25.7	77.0

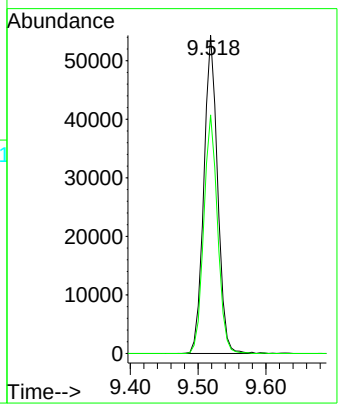




#60
Dibromochloromethane
Concen: 49.544 ug/l
RT: 9.518 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:129 Resp: 76435

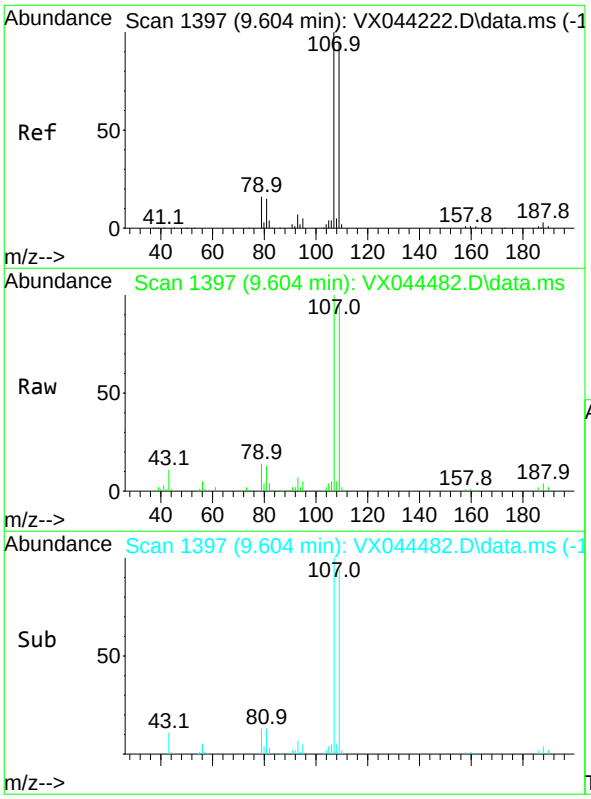
Ion	Ratio	Lower	Upper
129	100		
127	75.3	38.5	115.3



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

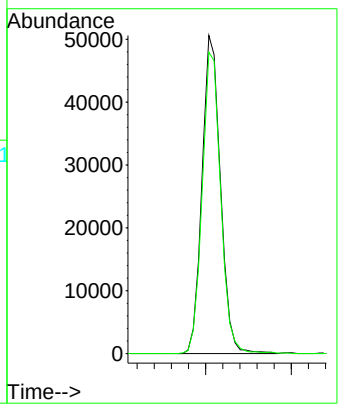
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

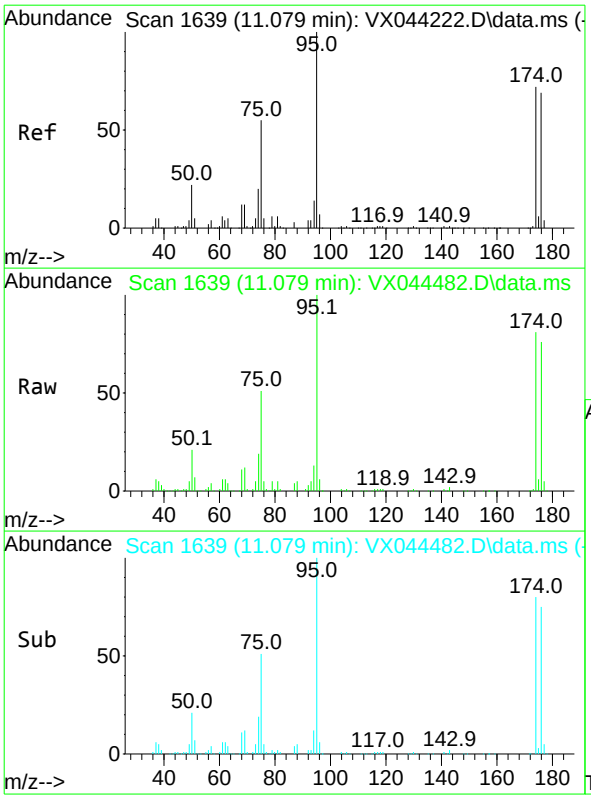


#61
1,2-Dibromoethane
Concen: 50.865 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:107 Resp: 75476

Ion	Ratio	Lower	Upper
107	100		
109	95.1	77.0	115.4

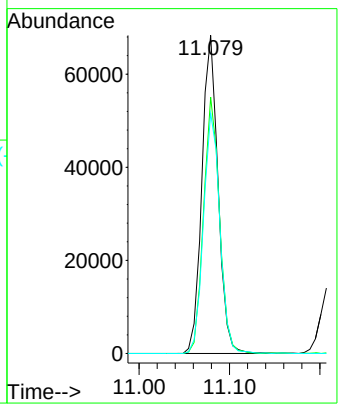




#62
4-Bromofluorobenzene
Concen: 48.298 ug/l
RT: 11.079 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 95 Resp: 84771

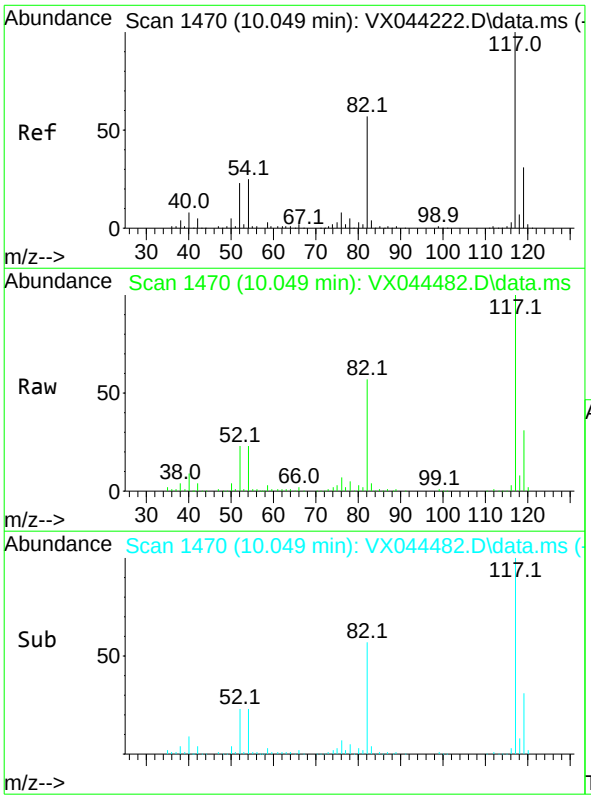
Ion	Ratio	Lower	Upper
95	100		
174	79.6	0.0	145.8
176	76.9	0.0	137.8



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations APPROVED

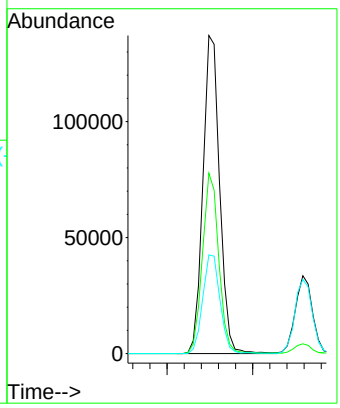
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

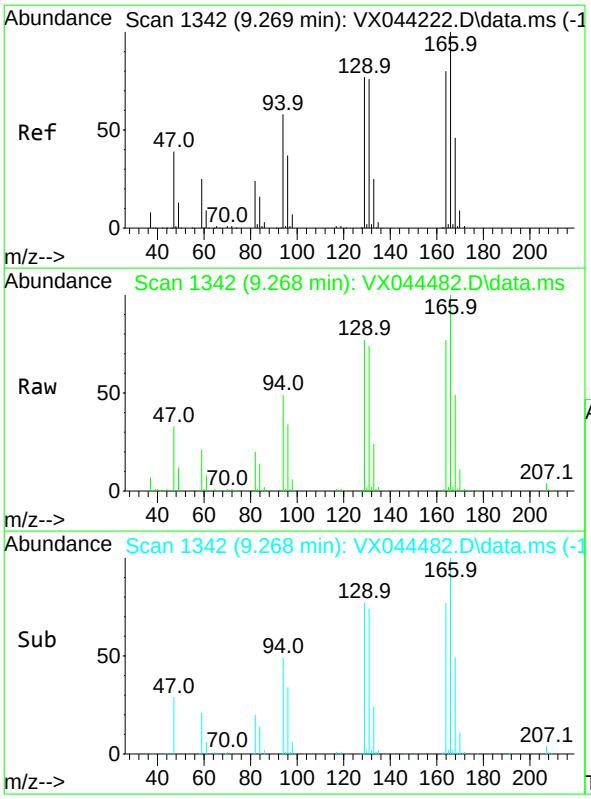


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:117 Resp: 185795

Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.8	68.8
119	31.0	25.0	37.4

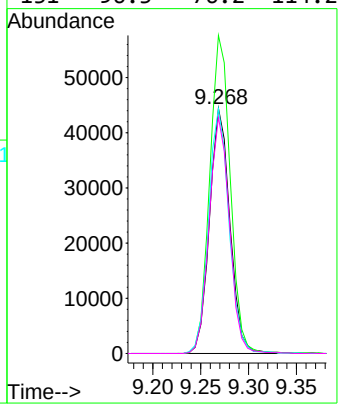




#64
Tetrachloroethene
Concen: 53.284 ug/l
RT: 9.268 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:164 Resp: 65707

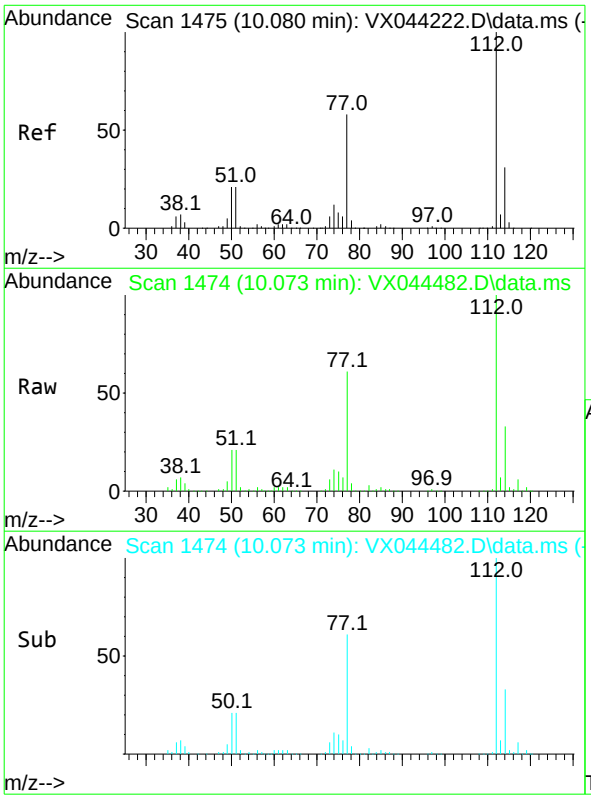
Ion	Ratio	Lower	Upper
164	100		
166	129.6	100.4	150.6
129	99.8	77.2	115.8
131	96.3	76.2	114.2



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

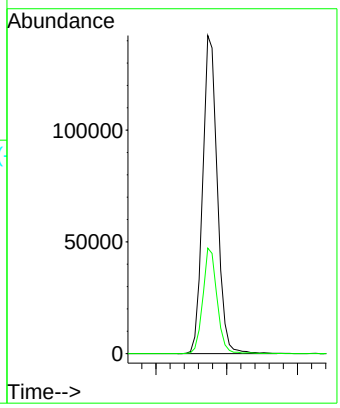
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

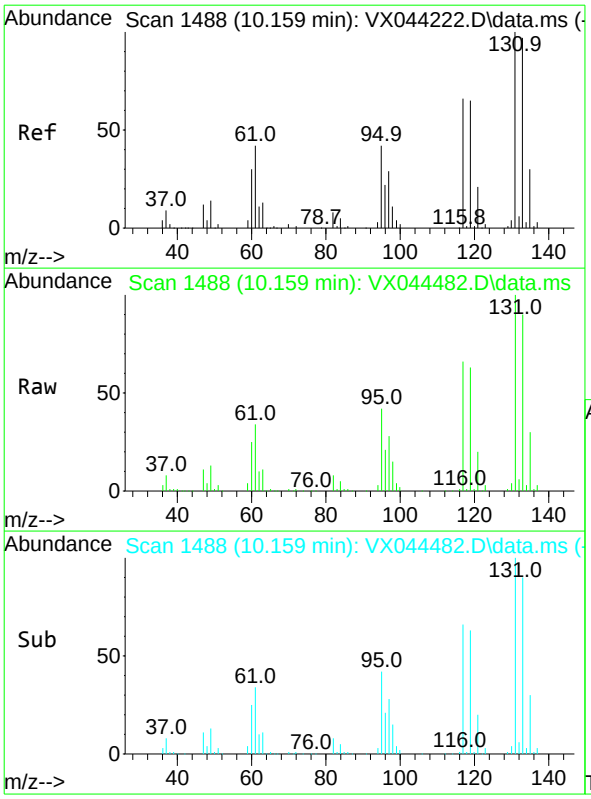


#65
Chlorobenzene
Concen: 51.183 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:112 Resp: 203767

Ion	Ratio	Lower	Upper
112	100		
114	33.2	25.0	37.6





#66
1,1,1,2-Tetrachloroethane
Concen: 55.093 ug/l
RT: 10.159 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

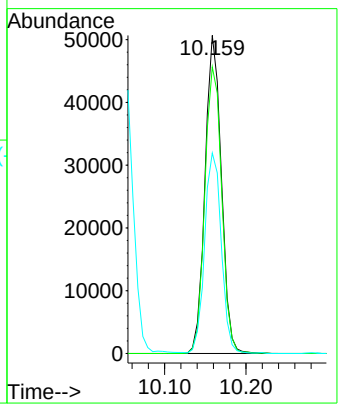
Tgt Ion:131 Resp: 70491

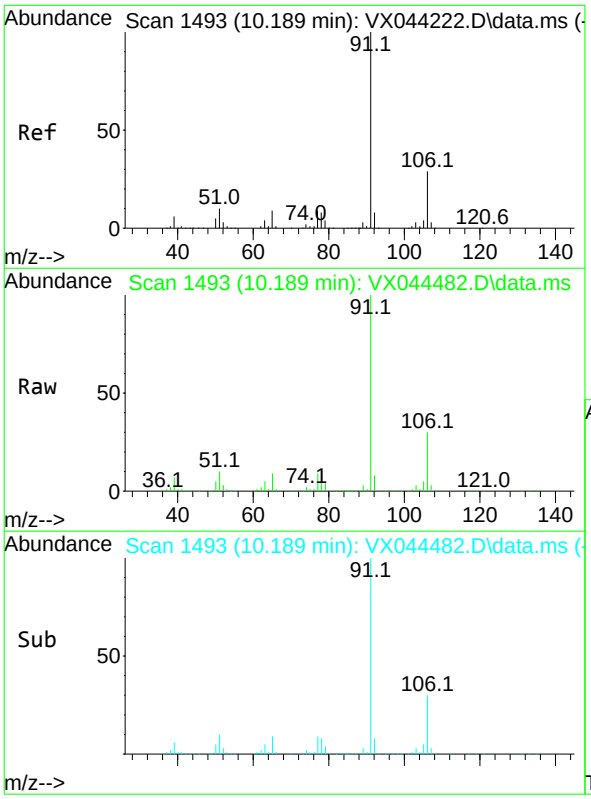
Ion	Ratio	Lower	Upper
131	100		
133	93.2	47.3	141.8
119	64.6	31.6	95.0

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
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Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

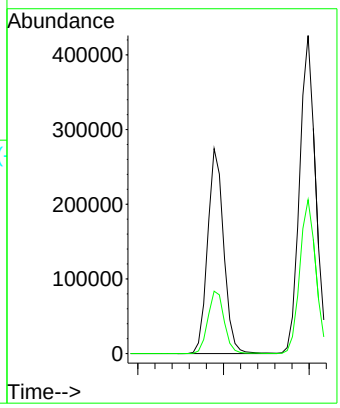


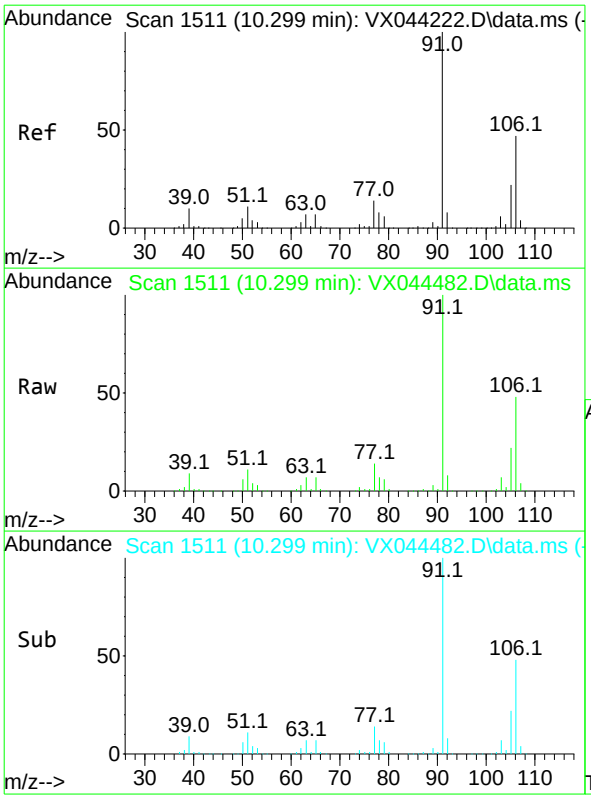


#67
Ethyl Benzene
Concen: 51.930 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 91 Resp: 357217

Ion	Ratio	Lower	Upper
91	100		
106	30.5	23.5	35.3

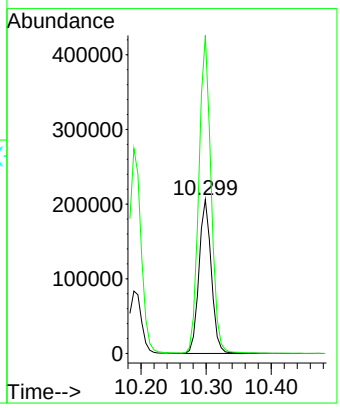




#68
m/p-Xylenes
Concen: 107.287 ug/l
RT: 10.299 min Scan# 15
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:106 Resp: 270804

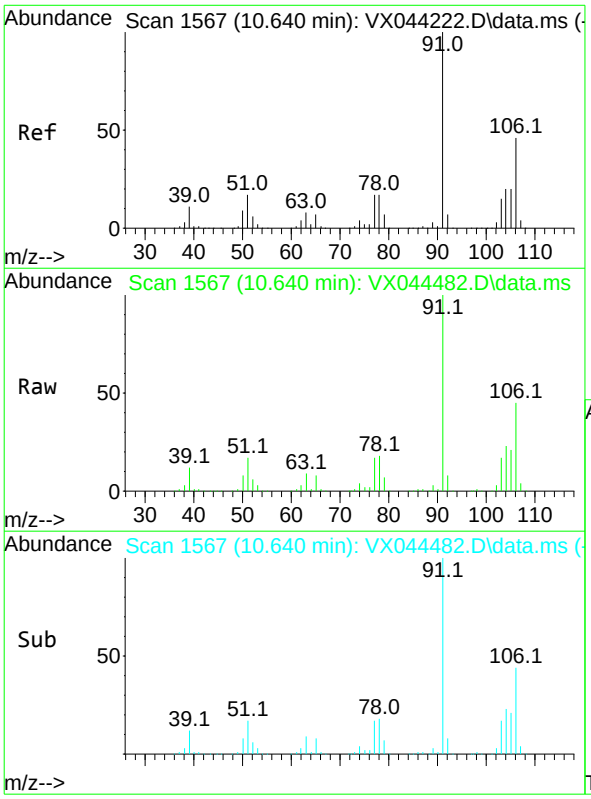
Ion	Ratio	Lower	Upper
106	100		
91	204.6	170.2	255.2



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

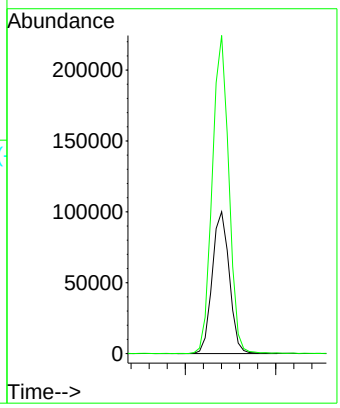
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

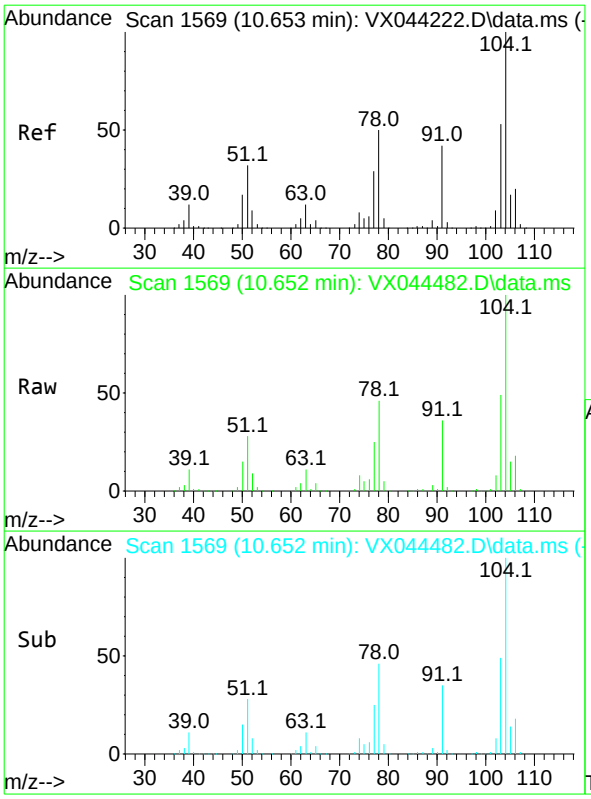


#69
o-Xylene
Concen: 51.491 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:106 Resp: 131502

Ion	Ratio	Lower	Upper
106	100		
91	217.7	112.3	337.0

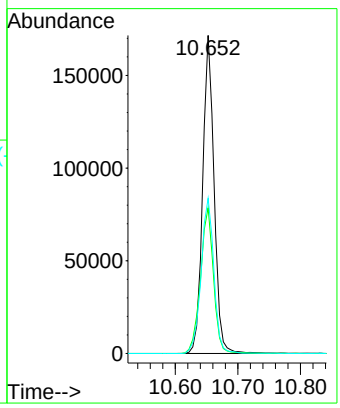




#70
Styrene
Concen: 53.180 ug/l
RT: 10.652 min Scan# 15
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:104 Resp: 217725

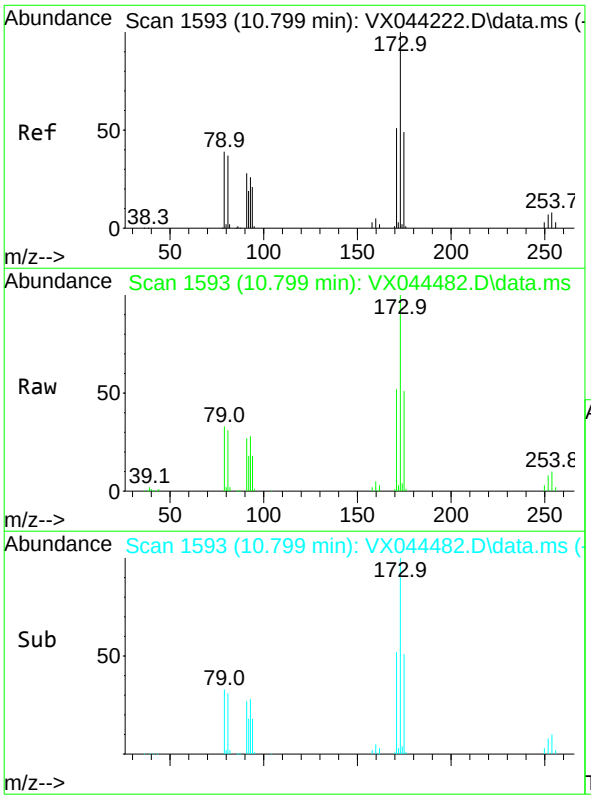
Ion	Ratio	Lower	Upper
104	100		
78	52.1	44.6	67.0
103	54.6	45.4	68.0



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
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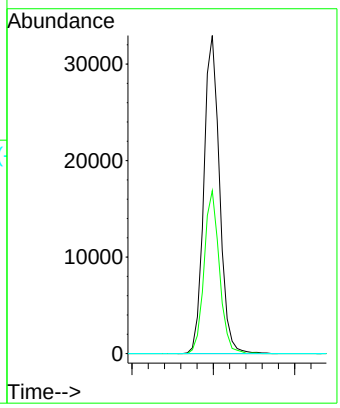
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

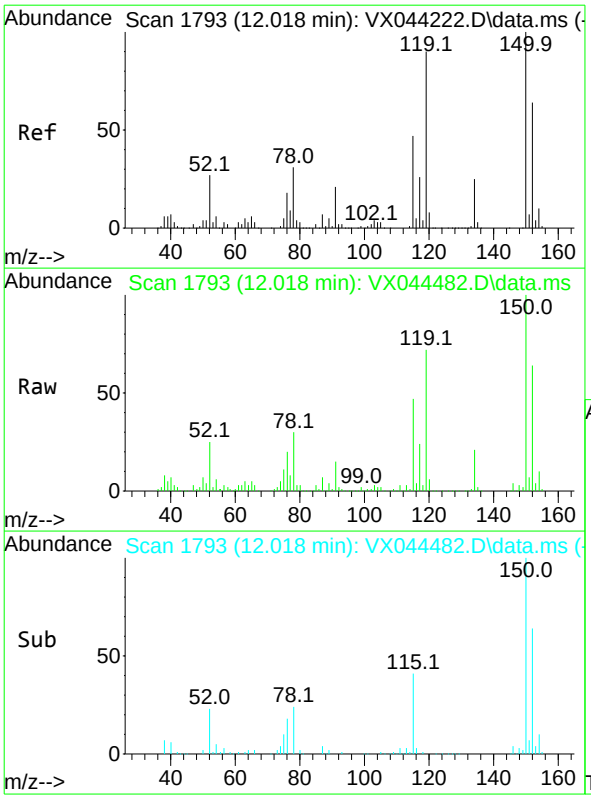


#71
Bromoform
Concen: 49.400 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:173 Resp: 44095

Ion	Ratio	Lower	Upper
173	100		
175	49.9	23.8	71.4
254	0.0	0.0	0.0

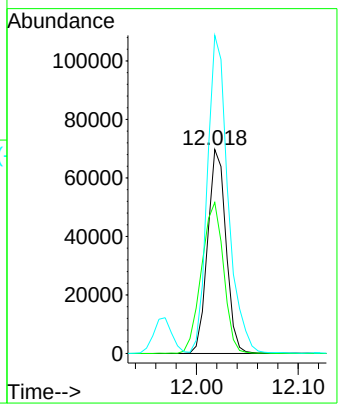




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

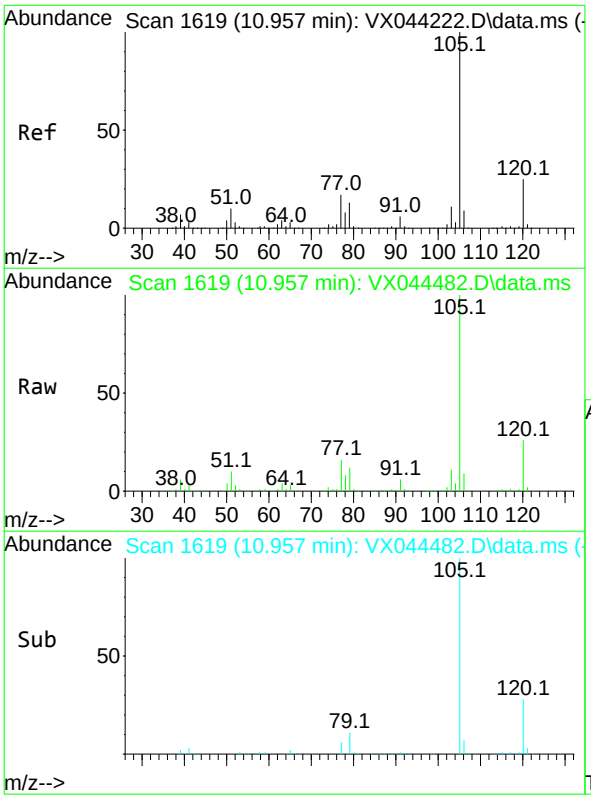
Tgt Ion:152 Resp: 87327

Ion	Ratio	Lower	Upper
152	100		
115	89.3	44.5	133.3
150	175.4	0.0	353.8



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

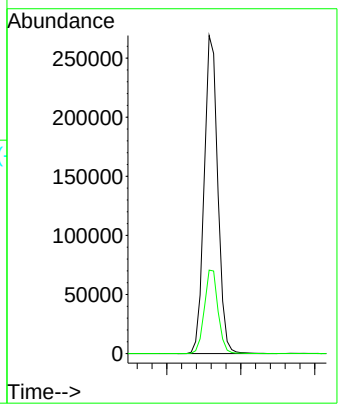
Manual Integrations APPROVED
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

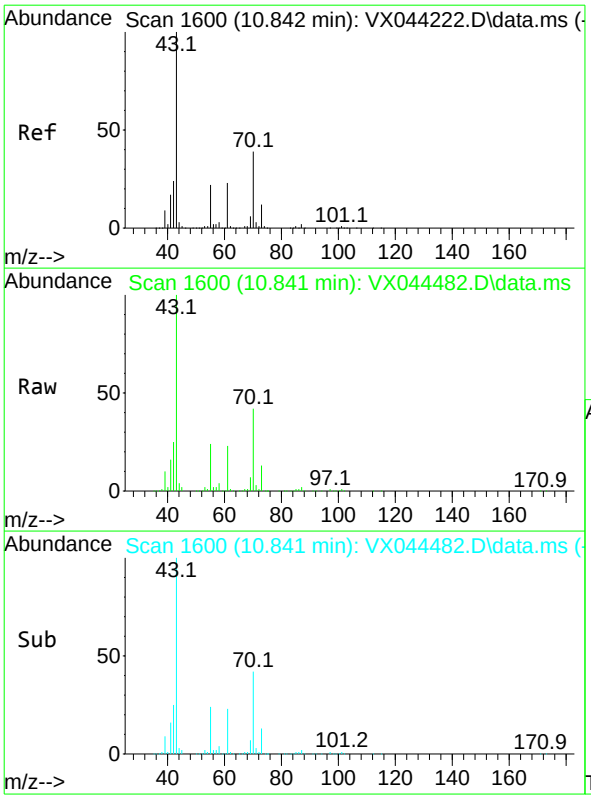


#73
Isopropylbenzene
Concen: 51.357 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:105 Resp: 343334

Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.1	39.3

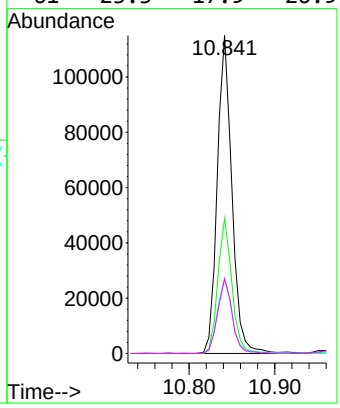




#74
N-amyl acetate
Concen: 44.161 ug/l
RT: 10.841 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 43 Resp: 136439

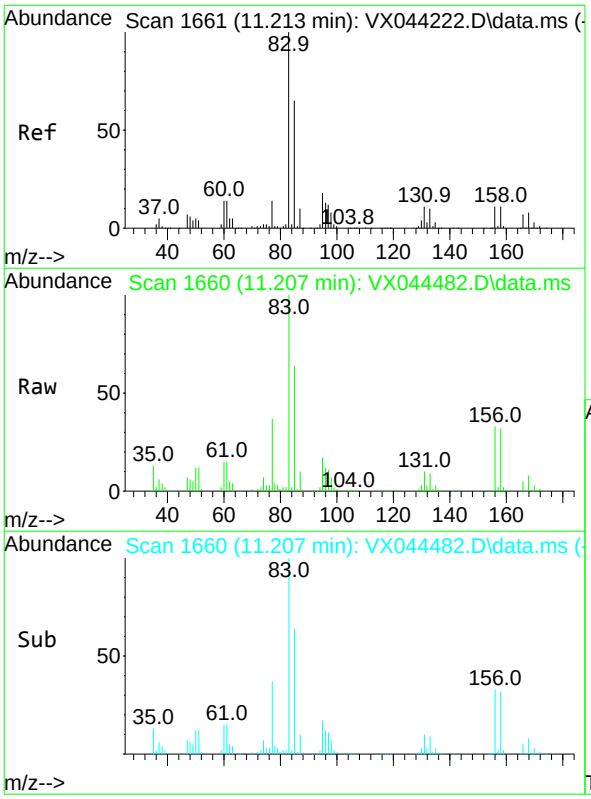
Ion	Ratio	Lower	Upper
43	100		
70	41.1	31.9	47.9
55	24.7	17.9	26.9
61	23.3	17.9	26.9



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

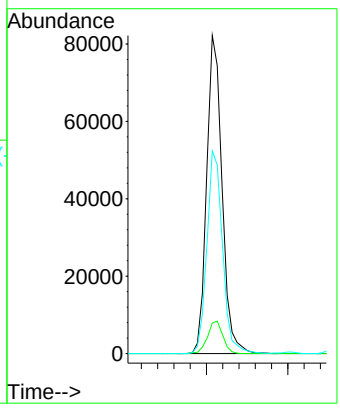
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

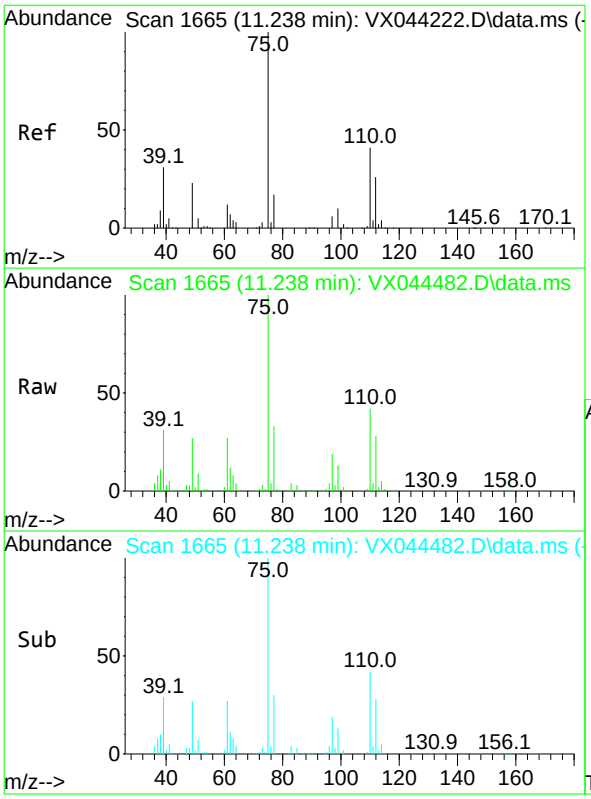


#75
1,1,2,2-Tetrachloroethane
Concen: 46.447 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 83 Resp: 107849

Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.1	15.4
85	64.8	32.5	97.4





#76
1,2,3-Trichloropropane
Concen: 44.923 ug/l m
RT: 11.238 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

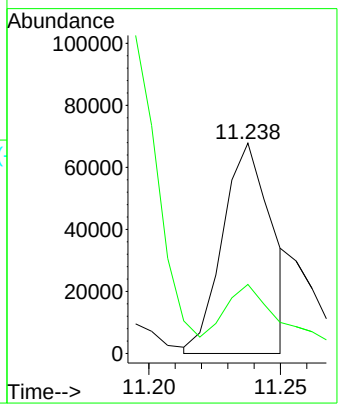
Tgt Ion: 75 Resp: 87590

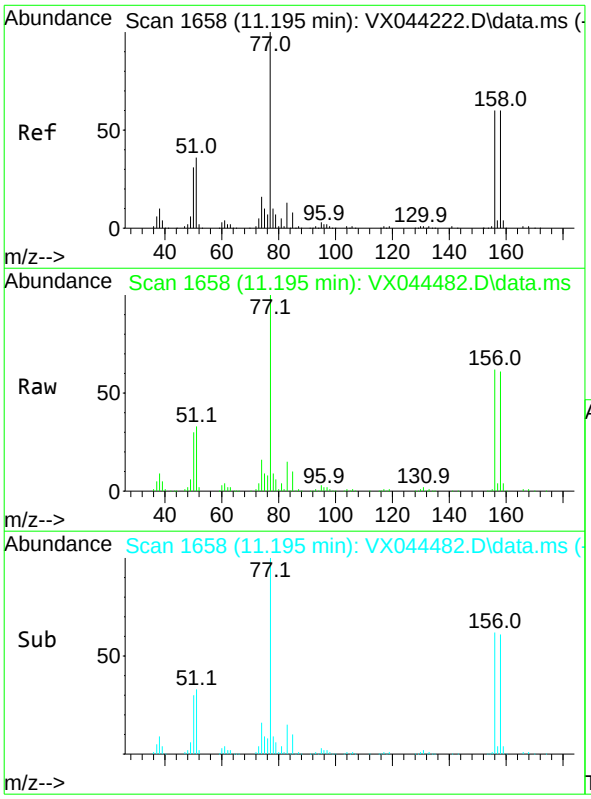
Ion	Ratio	Lower	Upper
75	100		
77	40.5	20.9	62.7

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

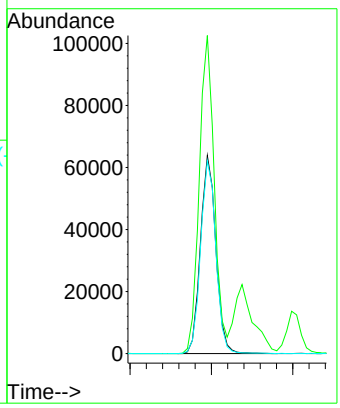


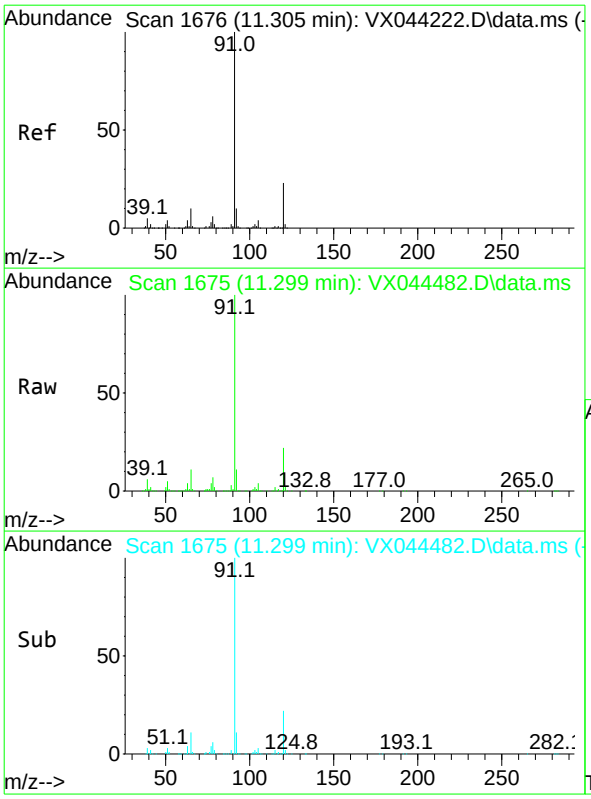


#77
Bromobenzene
Concen: 51.783 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:156 Resp: 83947

Ion	Ratio	Lower	Upper
156	100		
77	156.7	82.6	247.8
158	96.3	48.8	146.4

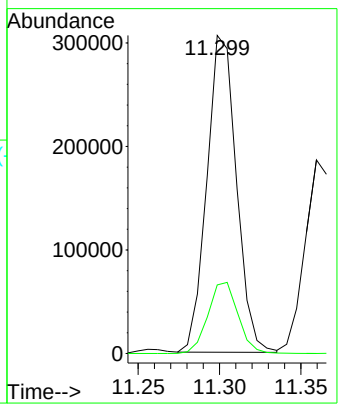




#78
n-propylbenzene
Concen: 52.409 ug/l
RT: 11.299 min Scan# 16
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 91 Resp: 387249

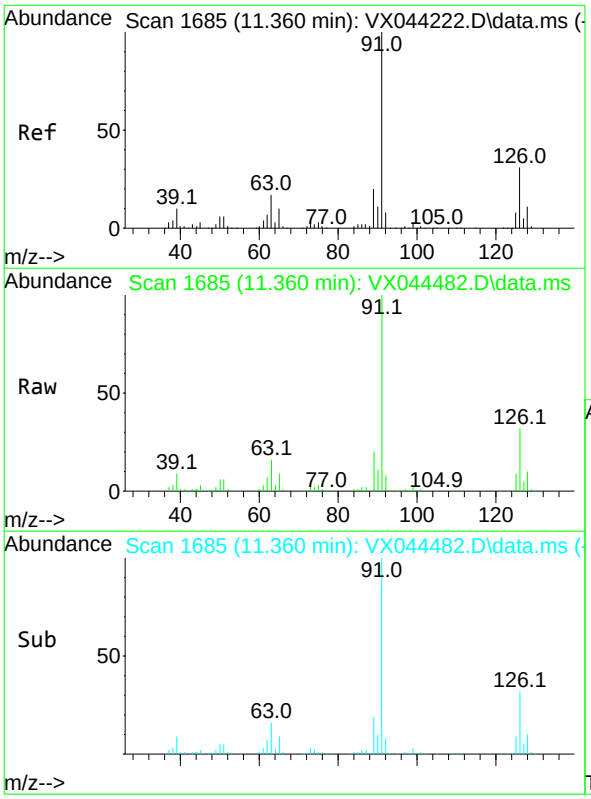
Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

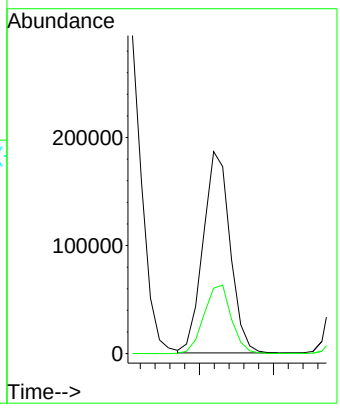
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

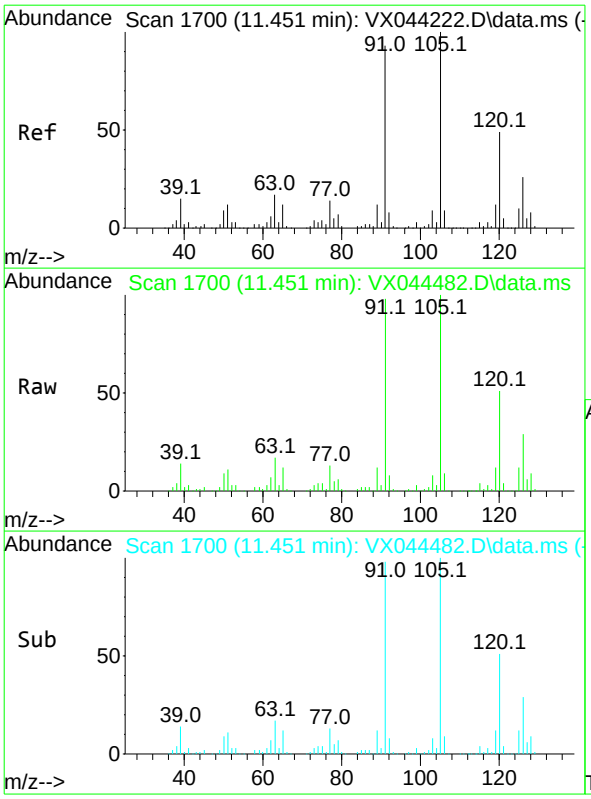


#79
2-Chlorotoluene
Concen: 49.469 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 91 Resp: 236393

Ion	Ratio	Lower	Upper
91	100		
126	34.5	16.4	49.1





#80
1,3,5-Trimethylbenzene
Concen: 50.800 ug/l
RT: 11.451 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

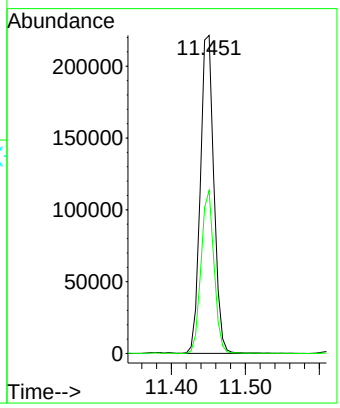
Tgt Ion:105 Resp: 281636

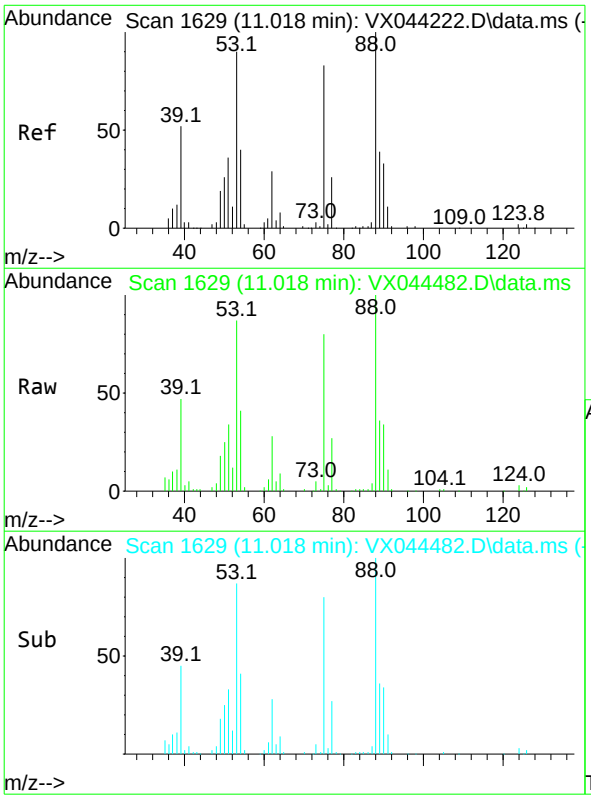
Ion	Ratio	Lower	Upper
105	100		
120	49.2	23.8	71.4

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

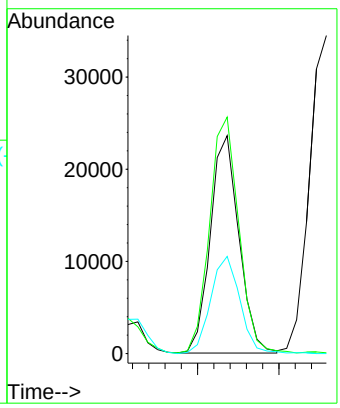


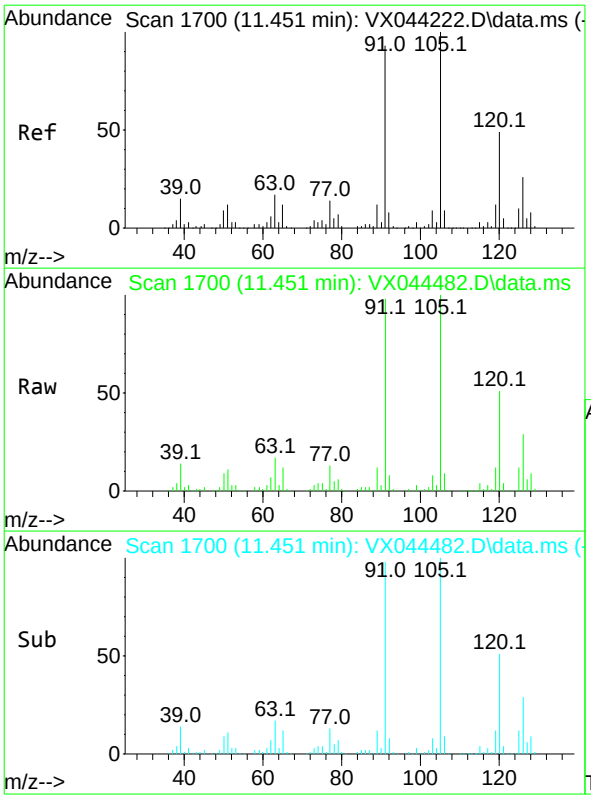


#81
trans-1,4-Dichloro-2-butene
Concen: 43.249 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 75 Resp: 28851

Ion	Ratio	Lower	Upper
75	100		
53	110.3	93.6	140.4
89	45.8	37.3	55.9

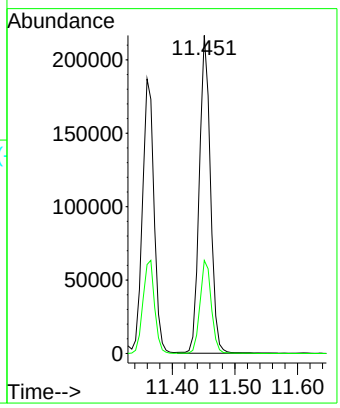




#82
4-Chlorotoluene
Concen: 50.323 ug/l
RT: 11.451 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 91 Resp: 266294

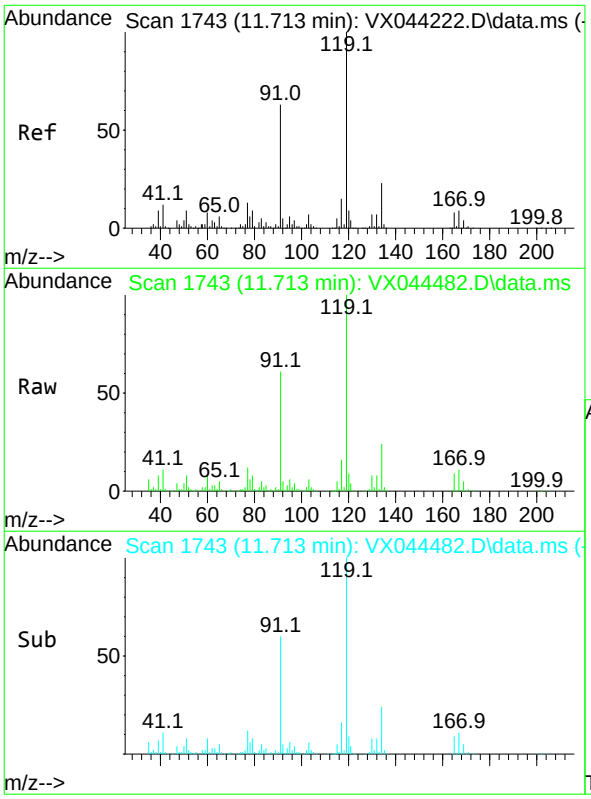
Ion	Ratio	Lower	Upper
91	100		
126	29.9	14.5	43.5



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

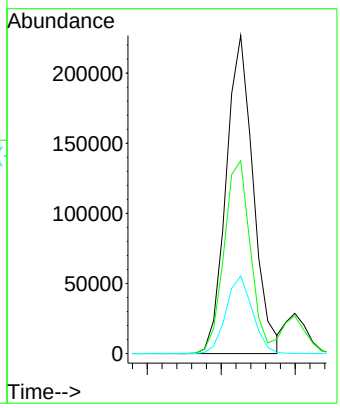
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

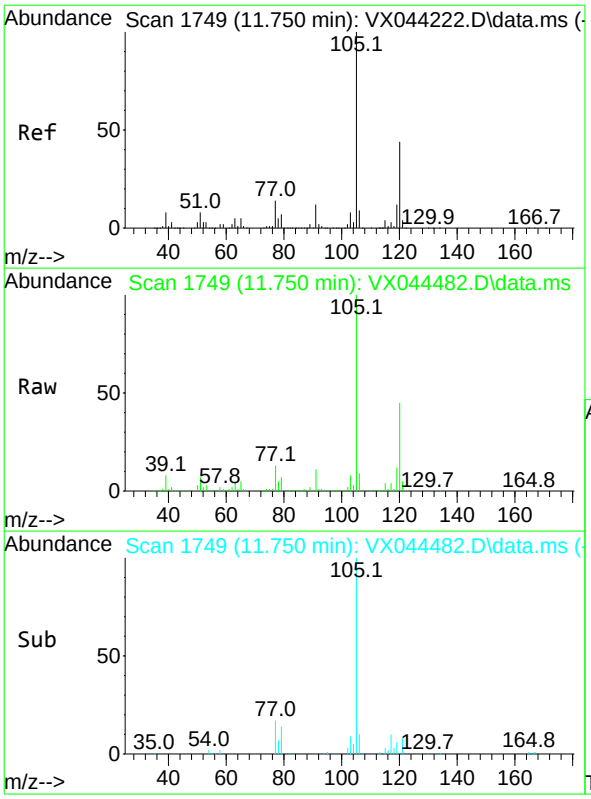


#83
tert-Butylbenzene
Concen: 52.567 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:119 Resp: 288014

Ion	Ratio	Lower	Upper
119	100		
91	58.9	30.9	92.5
134	23.9	11.5	34.4





#84
1,2,4-Trimethylbenzene
Concen: 53.208 ug/l
RT: 11.750 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

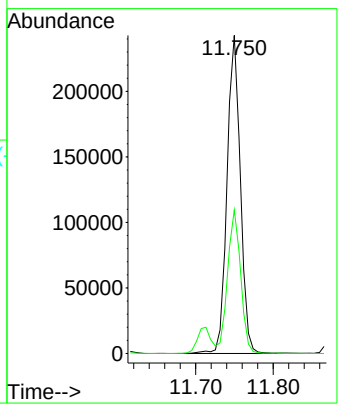
Tgt Ion:105 Resp: 289698

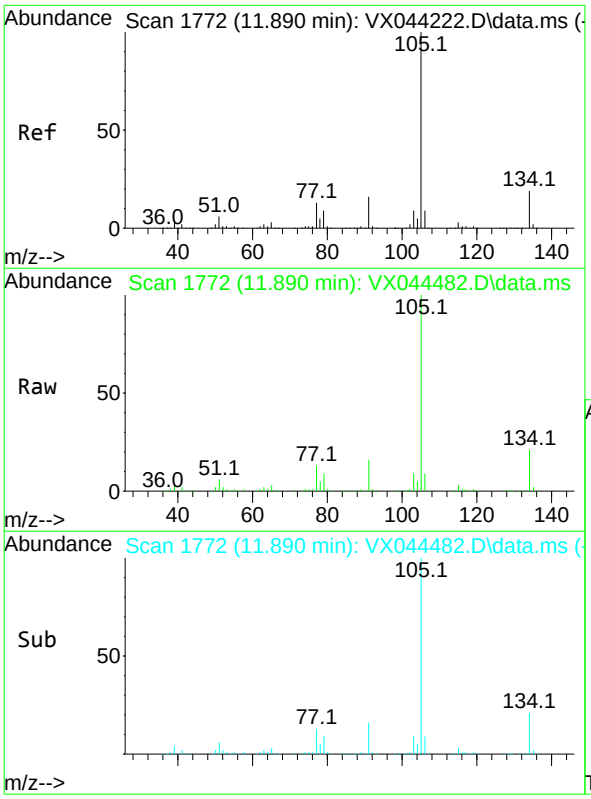
Ion	Ratio	Lower	Upper
105	100		
120	44.5	21.7	65.1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

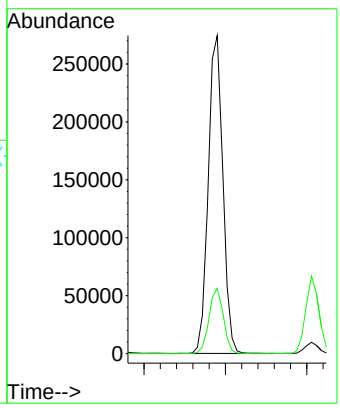


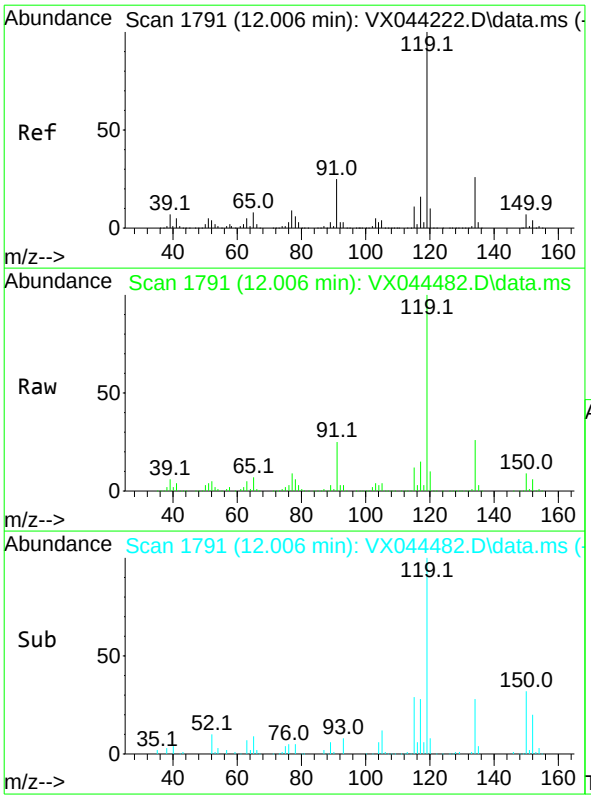


#85
sec-Butylbenzene
Concen: 51.464 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:105 Resp: 342308

Ion	Ratio	Lower	Upper
105	100		
134	20.2	9.8	29.4





#86
p-Isopropyltoluene
Concen: 52.952 ug/l
RT: 12.006 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

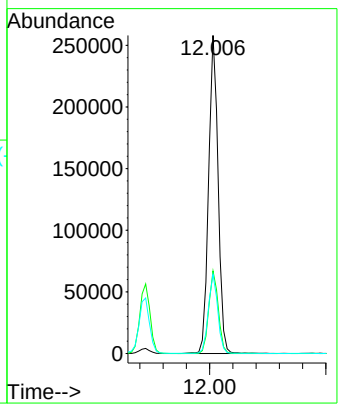
Tgt Ion:119 Resp: 293141

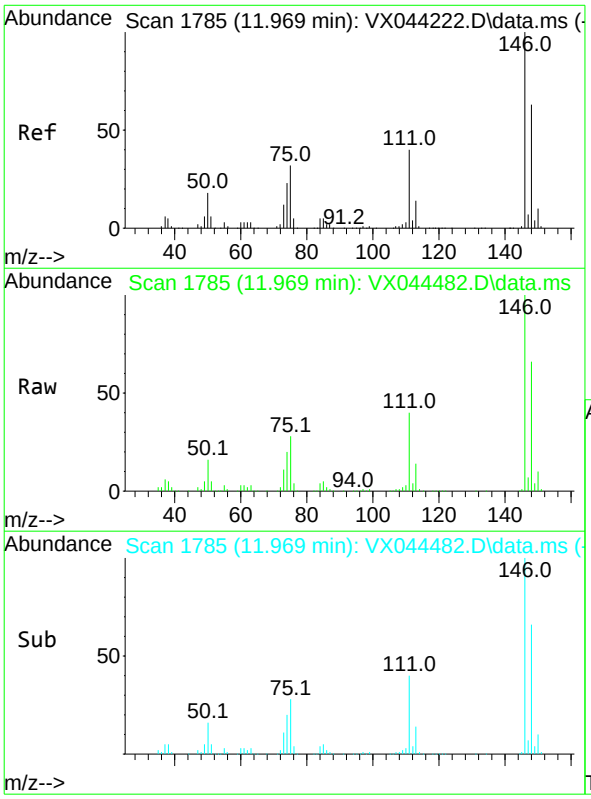
Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.8	38.4
91	24.5	13.0	39.0

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

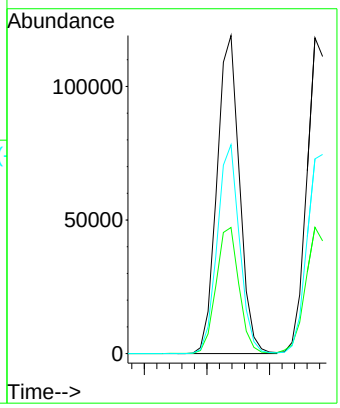


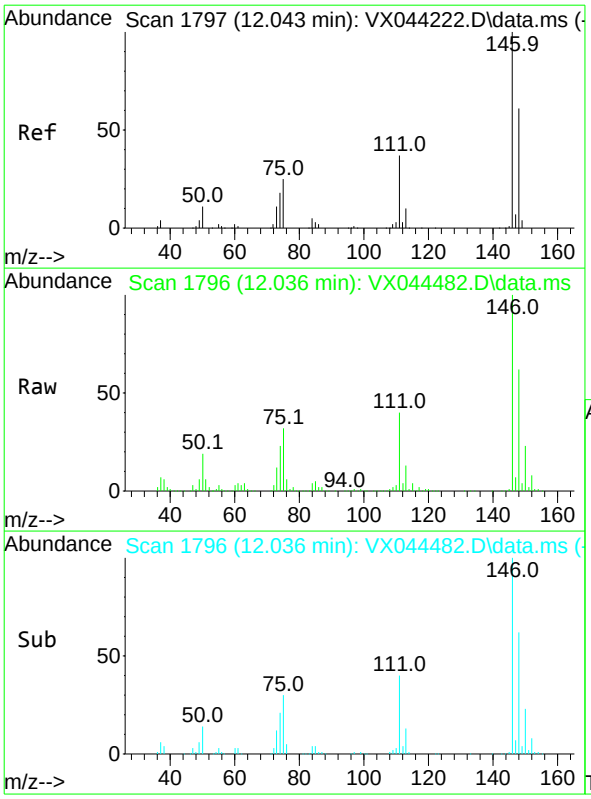


#87
1,3-Dichlorobenzene
Concen: 52.602 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:146 Resp: 148954

Ion	Ratio	Lower	Upper
146	100		
111	40.5	21.4	64.2
148	65.0	31.7	95.1

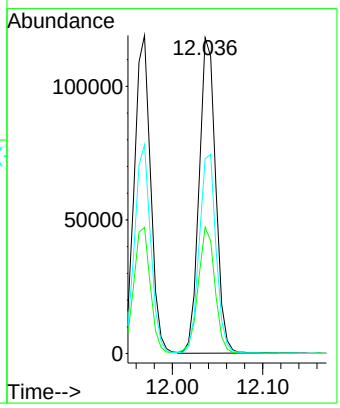




#88
1,4-Dichlorobenzene
Concen: 51.610 ug/l
RT: 12.036 min Scan# 17
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:146 Resp: 150236

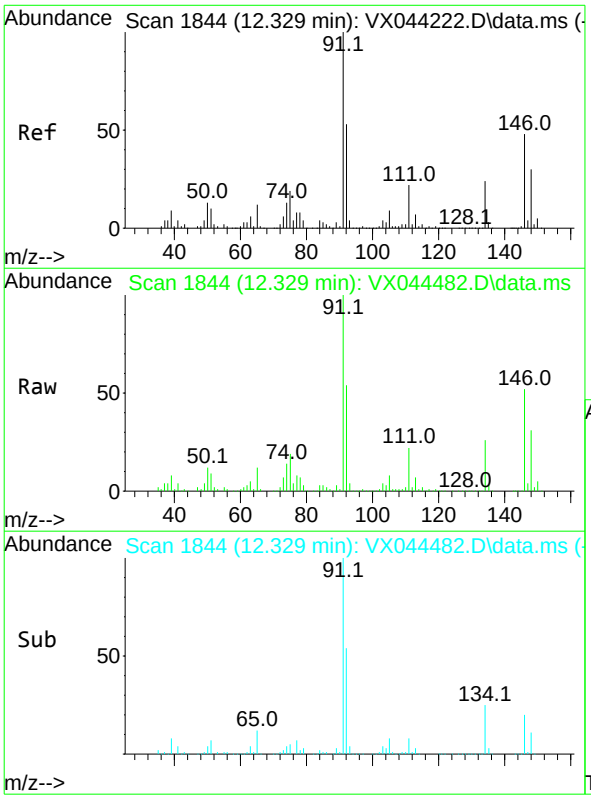
Ion	Ratio	Lower	Upper
146	100		
111	40.2	21.0	63.0
148	64.4	32.3	96.8



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

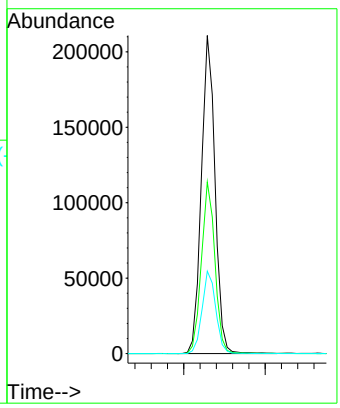
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

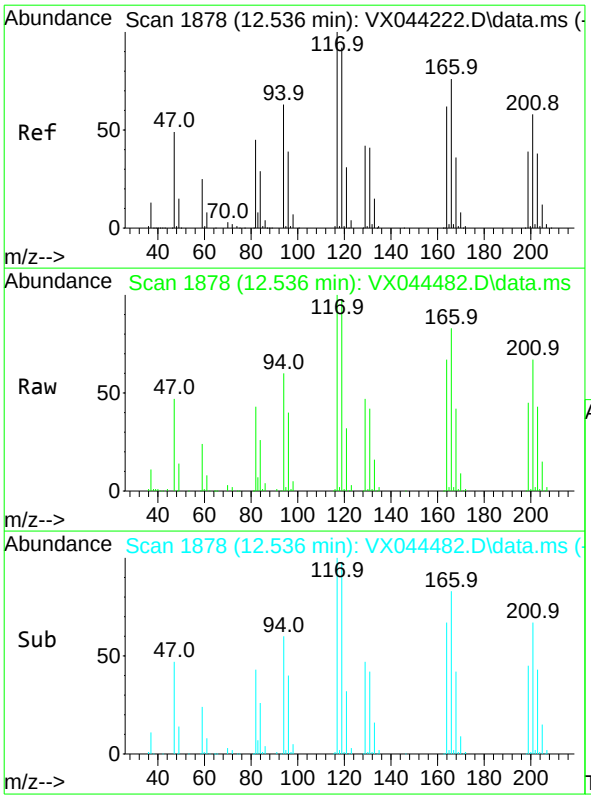


#89
n-Butylbenzene
Concen: 52.779 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 91 Resp: 245693

Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.6	79.7
134	26.0	12.6	37.8

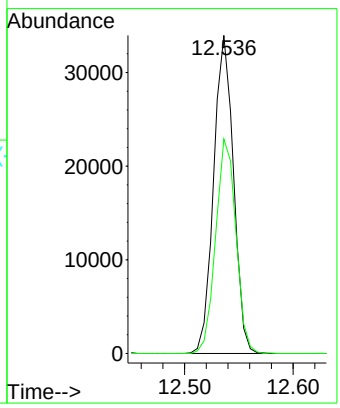




#90
Hexachloroethane
Concen: 53.324 ug/l
RT: 12.536 min Scan# 18
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:117 Resp: 43092

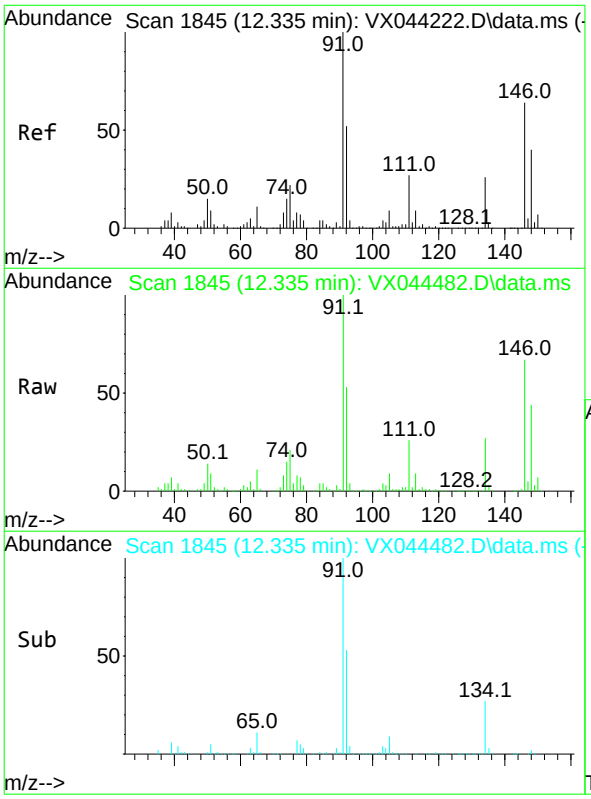
Ion	Ratio	Lower	Upper
117	100		
201	68.9	31.4	94.2



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

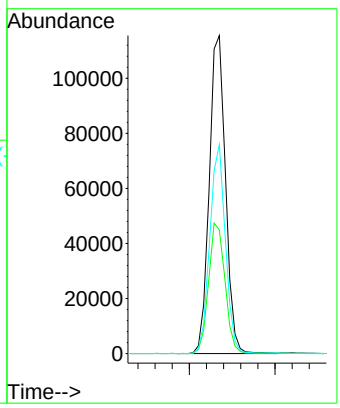
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

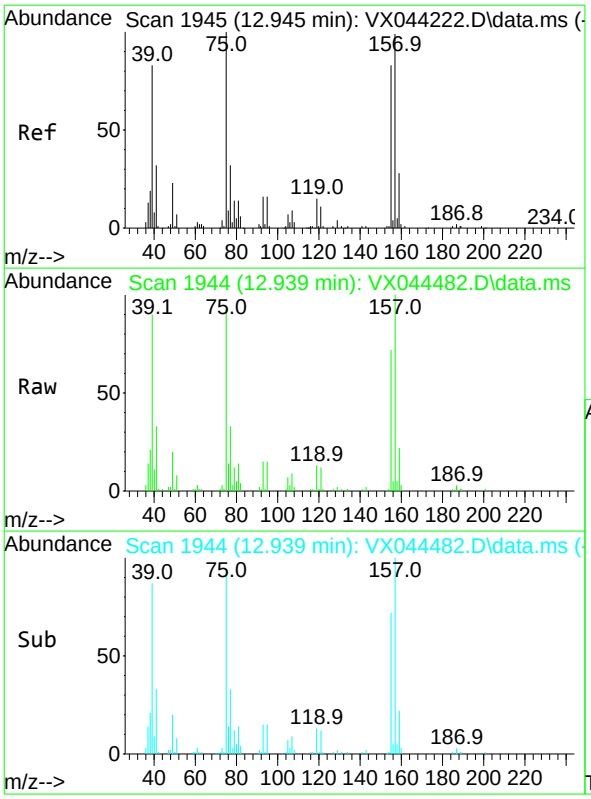


#91
1,2-Dichlorobenzene
Concen: 51.798 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:146 Resp: 152300

Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.4	64.3
148	63.1	31.6	95.0

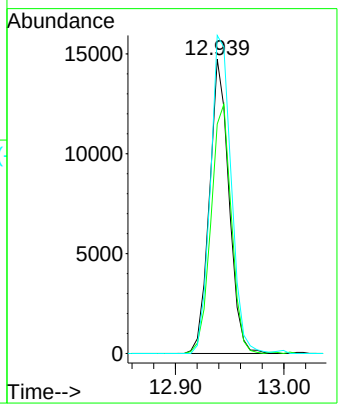




#92
1,2-Dibromo-3-Chloropropane
Concen: 40.849 ug/l
RT: 12.939 min Scan# 19
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 75 Resp: 18413

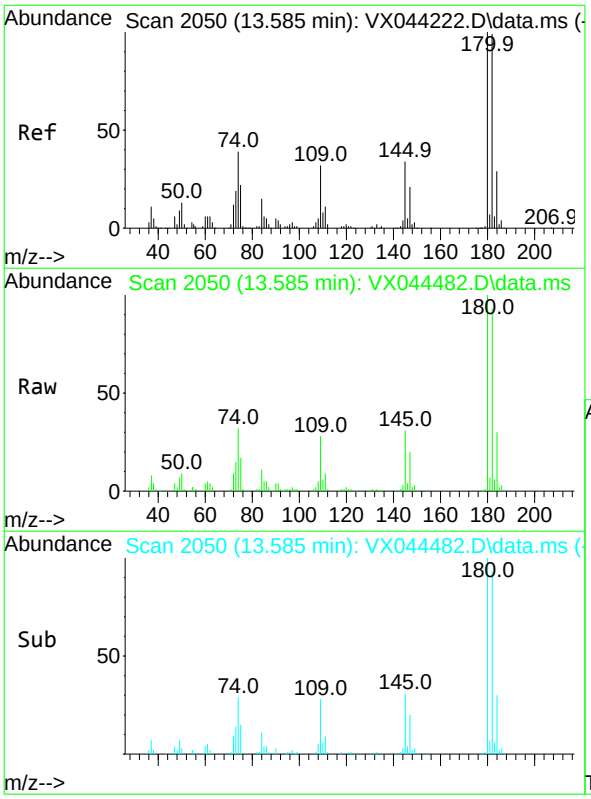
Ion	Ratio	Lower	Upper
75	100		
155	88.1	38.1	114.3
157	114.9	47.2	141.6



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations APPROVED

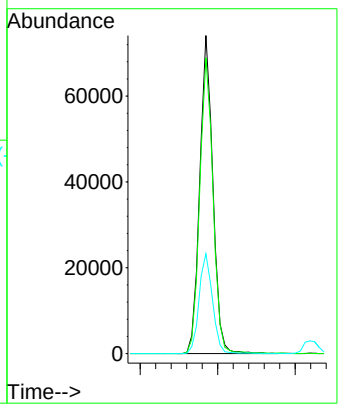
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

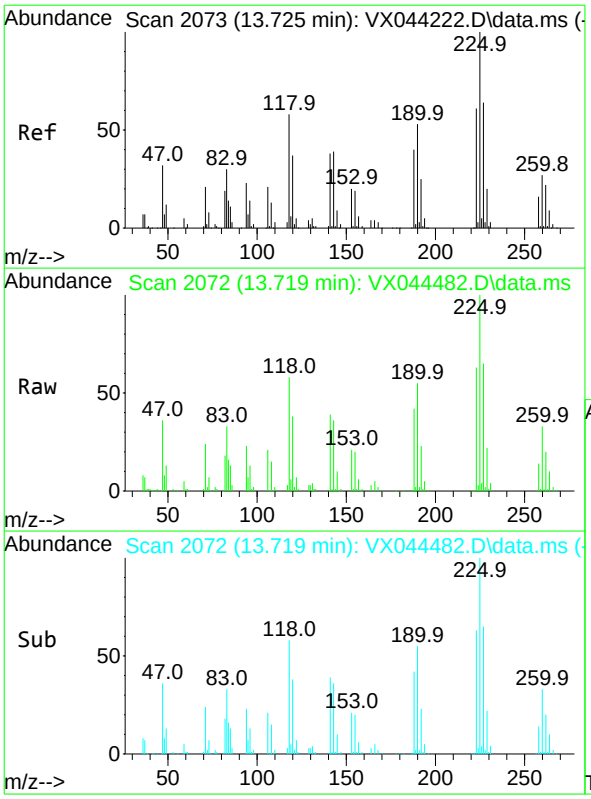


#93
1,2,4-Trichlorobenzene
Concen: 54.139 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:180 Resp: 87271

Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.0	144.2
145	32.0	16.6	49.7

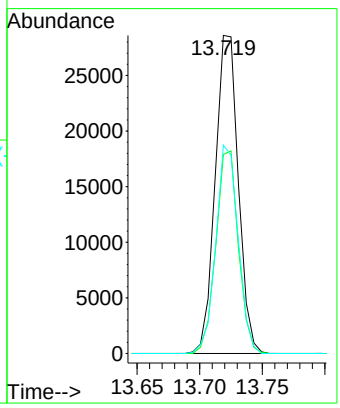




#94
Hexachlorobutadiene
Concen: 56.603 ug/l
RT: 13.719 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:225 Resp: 36701

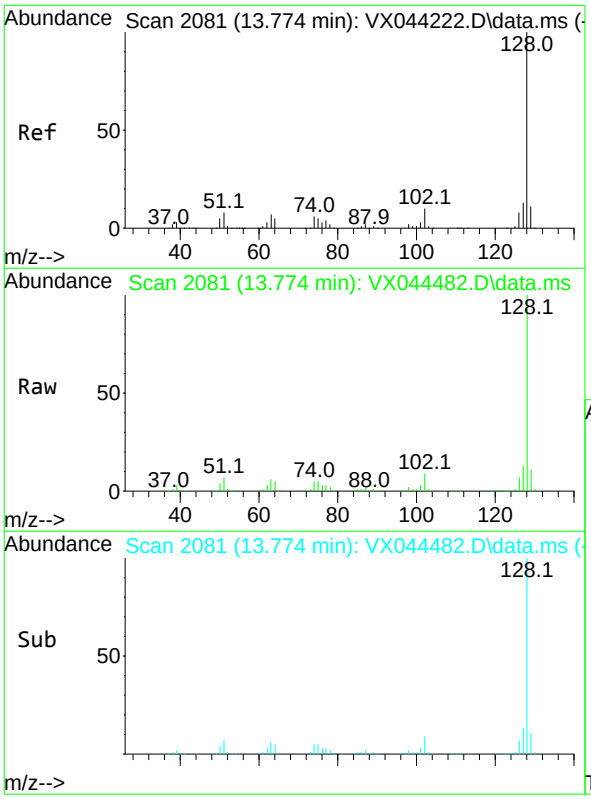
Ion	Ratio	Lower	Upper
225	100		
223	62.0	30.8	92.4
227	63.5	32.1	96.3



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

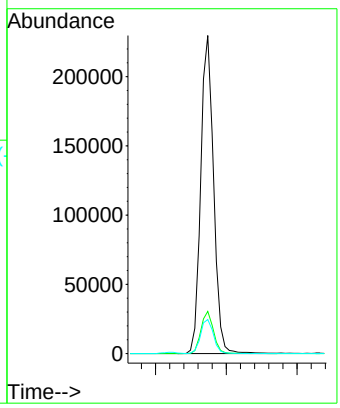
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

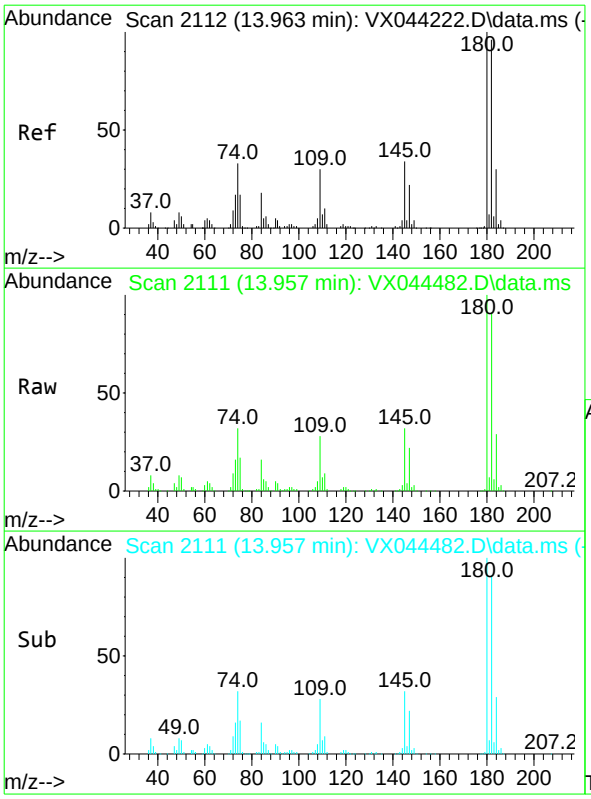


#95
Naphthalene
Concen: 46.150 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:128 Resp: 290387

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.8	9.0	13.4

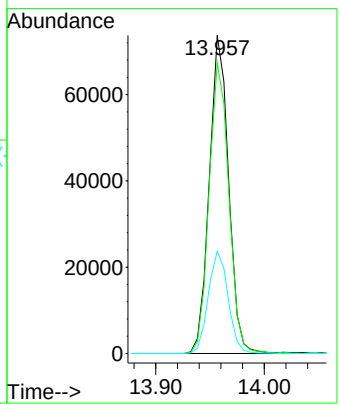




#96
1,2,3-Trichlorobenzene
Concen: 53.295 ug/l
RT: 13.957 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:180 Resp: 91121

Ion	Ratio	Lower	Upper
180	100		
182	93.3	48.0	144.0
145	33.1	17.7	53.1



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

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:	12/19/24
Project:	CTO WE13	Date Received:	12/20/24
Client Sample ID:	BP-VPB-190A-GW-748-750MSD	SDG No.:	P5374
Lab Sample ID:	P5374-06MSD	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044483.D	1		12/23/24 16:23	VX122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
74-87-3	Chloromethane	45.6		0.35	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	44.1		0.34	0.75	1.00	ug/L
74-83-9	Bromomethane	44.2		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	44.7		0.56	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	36.7		0.34	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	60.5		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	54.9		0.26	0.75	1.00	ug/L
67-64-1	Acetone	170		1.40	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	50.5		0.32	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	43.3		0.16	0.50	1.00	ug/L
75-09-2	Methylene Chloride	47.4		0.32	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	47.9		0.25	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	46.9		0.23	0.50	1.00	ug/L
78-93-3	2-Butanone	190		1.30	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	53.1		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	47.6		0.25	0.75	1.00	ug/L
67-66-3	Chloroform	45.1		0.26	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	47.3		0.19	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	51.7		0.19	0.50	1.00	ug/L
71-43-2	Benzene	51.5		0.16	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	48.4		0.24	0.50	1.00	ug/L
79-01-6	Trichloroethene	210	E	0.32	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	50.9		0.19	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	53.4		0.24	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	210		0.75	2.50	5.00	ug/L
108-88-3	Toluene	51.6		0.18	0.50	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	49.1		0.21	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	53.3		0.18	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	52.1		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	210		1.10	2.50	5.00	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:	12/19/24
Project:	CTO WE13	Date Received:	12/20/24
Client Sample ID:	BP-VPB-190A-GW-748-750MSD	SDG No.:	P5374
Lab Sample ID:	P5374-06MSD	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044483.D	1		12/23/24 16:23	VX122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	50.6		0.18	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	54.1		0.25	0.50	1.00	ug/L
108-90-7	Chlorobenzene	51.3		0.13	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	51.0		0.16	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	110		0.31	1.00	2.00	ug/L
95-47-6	o-Xylene	52.0		0.14	0.50	1.00	ug/L
100-42-5	Styrene	51.6		0.16	0.50	1.00	ug/L
75-25-2	Bromoform	52.3		0.21	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	50.2		0.13	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	46.1		0.27	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	52.1		0.24	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	50.2		0.27	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	50.3		0.19	0.50	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	40.1	*	81 - 118		80%	SPK: 50
1868-53-7	Dibromofluoromethane	49.2		80 - 119		98%	SPK: 50
2037-26-5	Toluene-d8	49.4		89 - 112		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.7		85 - 114		97%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	133000	5.55				
540-36-3	1,4-Difluorobenzene	221000	6.757				
3114-55-4	Chlorobenzene-d5	194000	10.049				
3855-82-1	1,4-Dichlorobenzene-d4	93000	12.018				

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\VX122324\
Data File : VX044483.D
Acq On : 23 Dec 2024 16:23
Operator : JC/MD
Sample : P5374-06MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 23 22:11:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations APPROVED
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	133309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	221334	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	194386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	93024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	93809	40.135	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 80.260%			
35) Dibromofluoromethane	5.379	113	75352	49.155	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.320%			
50) Toluene-d8	8.647	98	255246	49.354	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.700%			
62) 4-Bromofluorobenzene	11.079	95	88050	48.724	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	97101	47.107	ug/l	99
3) Chloromethane	1.294	50	89851	45.583	ug/l	99
4) Vinyl Chloride	1.374	62	90522	44.080	ug/l	100
5) Bromomethane	1.599	94	64349	44.169	ug/l	99
6) Chloroethane	1.666	64	57163	44.703	ug/l	99
7) Trichlorofluoromethane	1.874	101	147666	36.730	ug/l	98
8) Diethyl Ether	2.130	74	53546	39.020	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	98355	60.459	ug/l	95
10) Methyl Iodide	2.447	142	109968	51.289	ug/l	95
11) Tert butyl alcohol	2.989	59	66110	200.689	ug/l	99
12) 1,1-Dichloroethene	2.313	96	81996	54.875	ug/l	93
13) Acrolein	2.233	56	88819	186.265	ug/l	99
14) Allyl chloride	2.660	41	116179	46.680	ug/l	97
15) Acrylonitrile	3.062	53	187642	205.636	ug/l	99
16) Acetone	2.380	43	165083	173.243	ug/l	96
17) Carbon Disulfide	2.508	76	143297	50.451	ug/l	99
18) Methyl Acetate	2.703	43	96675	39.348	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	252352	43.278	ug/l	97
20) Methylene Chloride	2.788	84	84877	47.423	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	76077	47.906	ug/l	94
22) Diisopropyl ether	3.757	45	247428	44.149	ug/l	96
23) Vinyl Acetate	3.715	43	1010223	221.715	ug/l	98
24) 1,1-Dichloroethane	3.605	63	146455	46.880	ug/l	99
25) 2-Butanone	4.550	43	254944	188.195	ug/l	100
26) 2,2-Dichloropropane	4.471	77	120669	47.546	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	96032	47.615	ug/l	95
28) Bromochloromethane	4.891	49	67300	43.932	ug/l	93
29) Tetrahydrofuran	5.001	42	162960	187.413	ug/l	98
30) Chloroform	5.086	83	158163	45.061	ug/l	100
31) Cyclohexane	5.458	56	117000	46.379	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	137841	47.310	ug/l	99
36) 1,1-Dichloropropene	5.690	75	99772	50.351	ug/l	97
37) Ethyl Acetate	4.708	43	98461	40.198	ug/l	96
38) Carbon Tetrachloride	5.672	117	113263	53.092	ug/l	96
39) Methylcyclohexane	7.373	83	122514	51.718	ug/l	98
40) Benzene	6.031	78	309954	51.519	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044483.D
Acq On : 23 Dec 2024 16:23
Operator : JC/MD
Sample : P5374-06MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 23 22:11:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations APPROVED
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.922	41	56683	43.580 ug/l	97
42) 1,2-Dichloroethane	6.080	62	120065	48.447 ug/l	98
43) Isopropyl Acetate	6.336	43	171036	44.675 ug/l	98
44) Trichloroethene	7.117	130	309842	206.520 ug/l	95
45) 1,2-Dichloropropane	7.428	63	78272	50.923 ug/l	96
46) Dibromomethane	7.580	93	61591	51.651 ug/l	94
47) Bromodichloromethane	7.818	83	109954	53.391 ug/l	100
48) Methyl methacrylate	7.690	41	81210	43.699 ug/l	96
49) 1,4-Dioxane	7.665	88	25425	825.171 ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	525905	213.645 ug/l	98
52) Toluene	8.714	92	194861	51.577 ug/l	99
53) t-1,3-Dichloropropene	8.976	75	108457	49.124 ug/l	94
54) cis-1,3-Dichloropropene	8.360	75	119559	53.318 ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	78243	52.130 ug/l	98
56) Ethyl methacrylate	9.116	69	116799	49.294 ug/l	96
57) 1,3-Dichloropropane	9.305	76	128311	49.115 ug/l	100
59) 2-Hexanone	9.427	43	377783	212.029 ug/l	98
60) Dibromochloromethane	9.519	129	80512	50.610 ug/l	99
61) 1,2-Dibromoethane	9.604	107	80473	52.674 ug/l	97
64) Tetrachloroethene	9.269	164	69771	54.079 ug/l	97
65) Chlorobenzene	10.079	112	213861	51.344 ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	73672	55.034 ug/l	98
67) Ethyl Benzene	10.189	91	367112	51.010 ug/l	98
68) m/p-Xylenes	10.299	106	280090	106.061 ug/l	94
69) o-Xylene	10.640	106	138976	52.012 ug/l	92
70) Styrene	10.653	104	221123	51.623 ug/l	97
71) Bromoform	10.799	173	49218	52.302 ug/l #	99
73) Isopropylbenzene	10.957	105	357321	50.176 ug/l	100
74) N-amyl acetate	10.842	43	145004	44.058 ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	113904	46.050 ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	93435m	44.986 ug/l	
77) Bromobenzene	11.195	156	89457	51.802 ug/l	93
78) n-propylbenzene	11.299	91	400697	50.908 ug/l	98
79) 2-Chlorotoluene	11.360	91	240524	47.251 ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	291627	49.381 ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	29982	42.328 ug/l	97
82) 4-Chlorotoluene	11.451	91	273683	48.552 ug/l	97
83) tert-Butylbenzene	11.713	119	301012	51.575 ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	296491	51.121 ug/l	97
85) sec-Butylbenzene	11.890	105	359614	50.755 ug/l	99
86) p-Isopropyltoluene	12.006	119	302102	51.228 ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	157083	52.075 ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	155542	50.161 ug/l	98
89) n-Butylbenzene	12.329	91	252945	51.009 ug/l	99
90) Hexachloroethane	12.536	117	45435	52.780 ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	157677	50.342 ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19969	41.588 ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	94741	55.173 ug/l	98
94) Hexachlorobutadiene	13.719	225	35851	51.906 ug/l	96
95) Naphthalene	13.774	128	302955	45.199 ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	95051	52.189 ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044483.D
Acq On : 23 Dec 2024 16:23
Operator : JC/MD
Sample : P5374-06MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 23 22:11:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

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

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

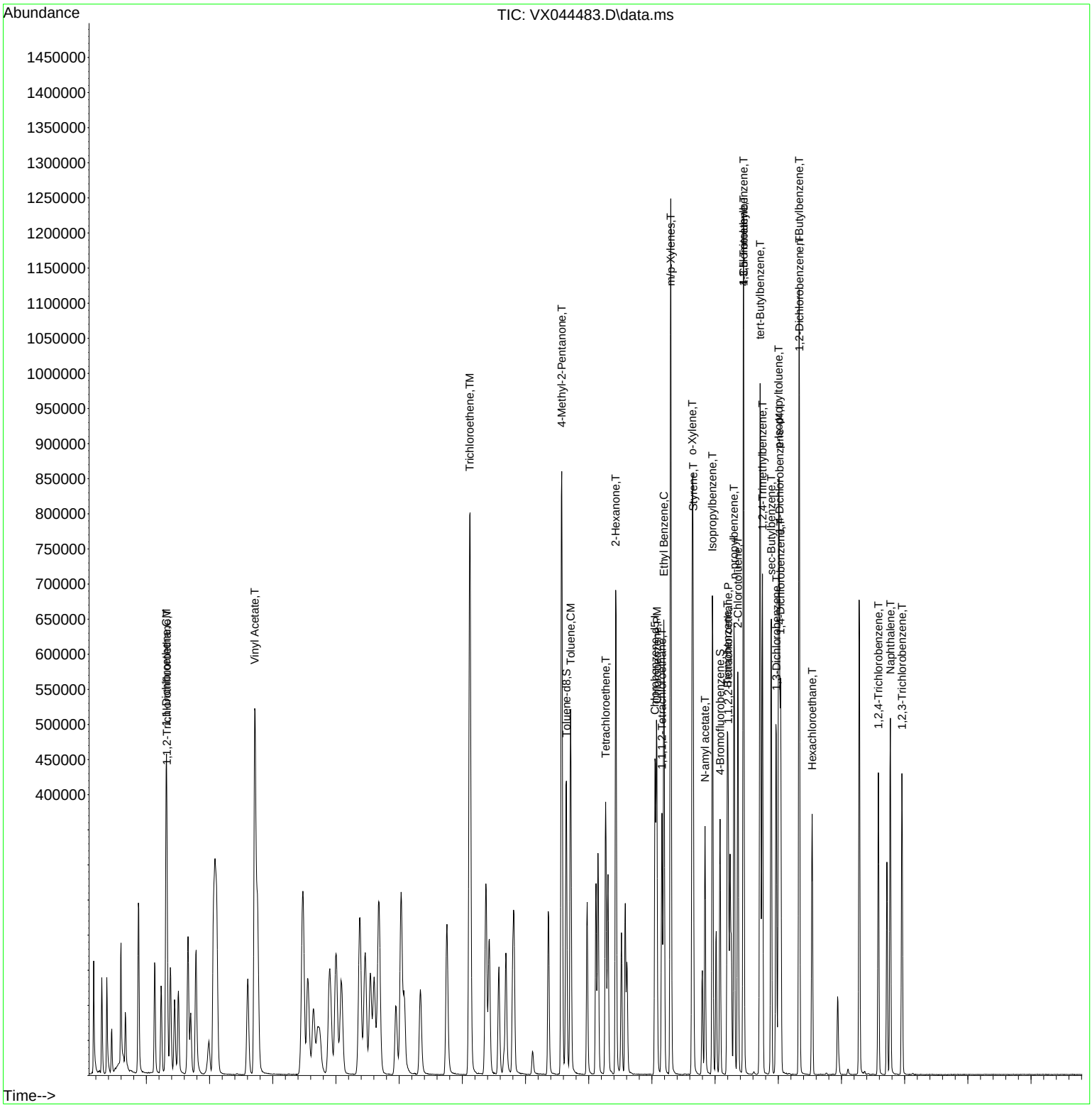
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Data File : VX044483.D
Acq On : 23 Dec 2024 16:23
Operator : JC/MD
Sample : P5374-06MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

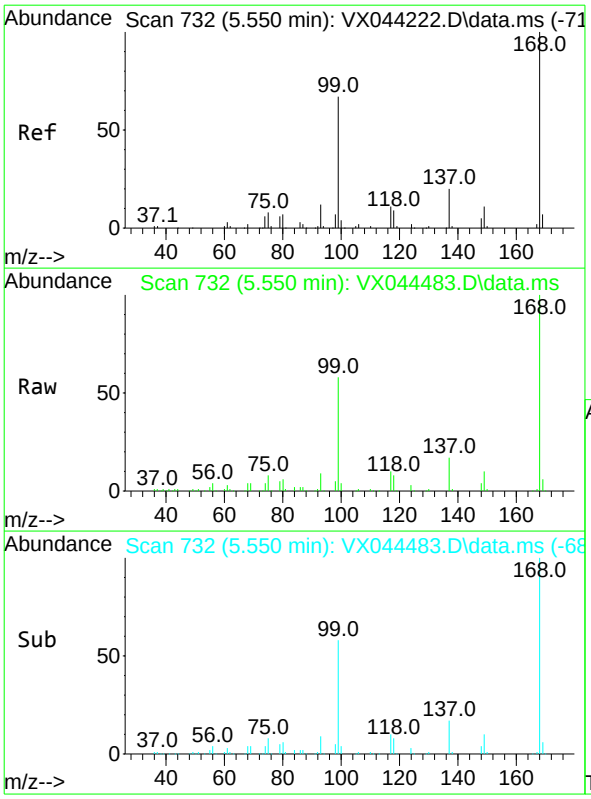
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Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

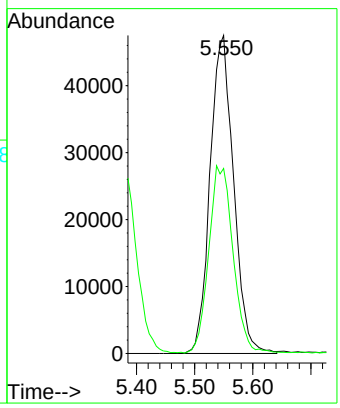




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 73
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:168 Resp: 133309

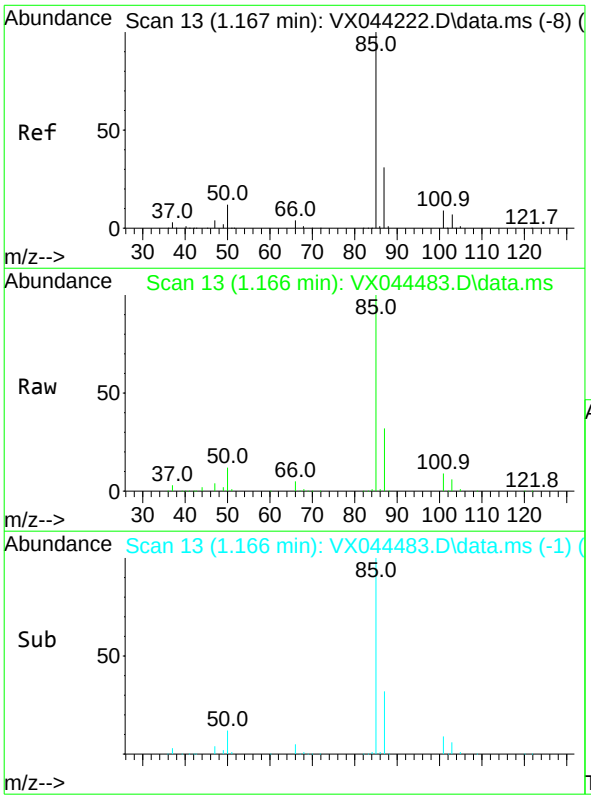
Ion	Ratio	Lower	Upper
168	100		
99	57.9	53.4	80.0



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

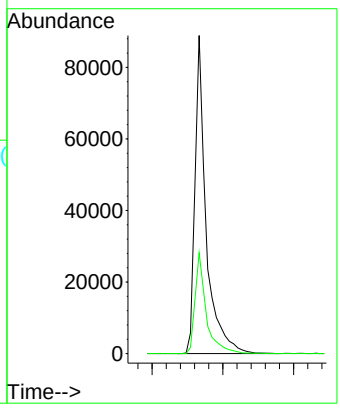
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

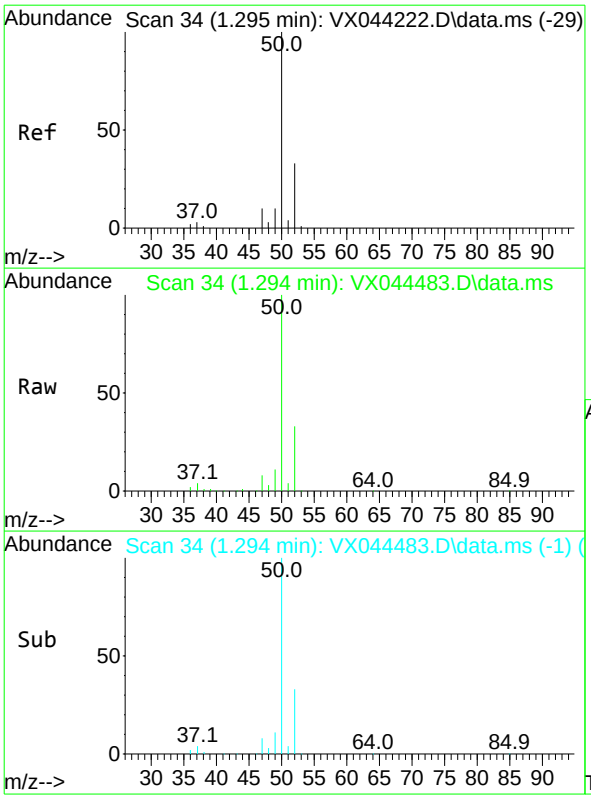


#2
Dichlorodifluoromethane
Concen: 47.107 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 85 Resp: 97101

Ion	Ratio	Lower	Upper
85	100		
87	31.7	15.4	46.4

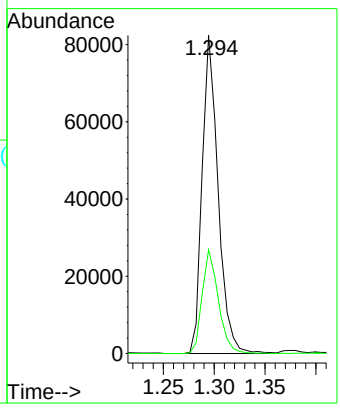




#3
Chloromethane
Concen: 45.583 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 50 Resp: 89851

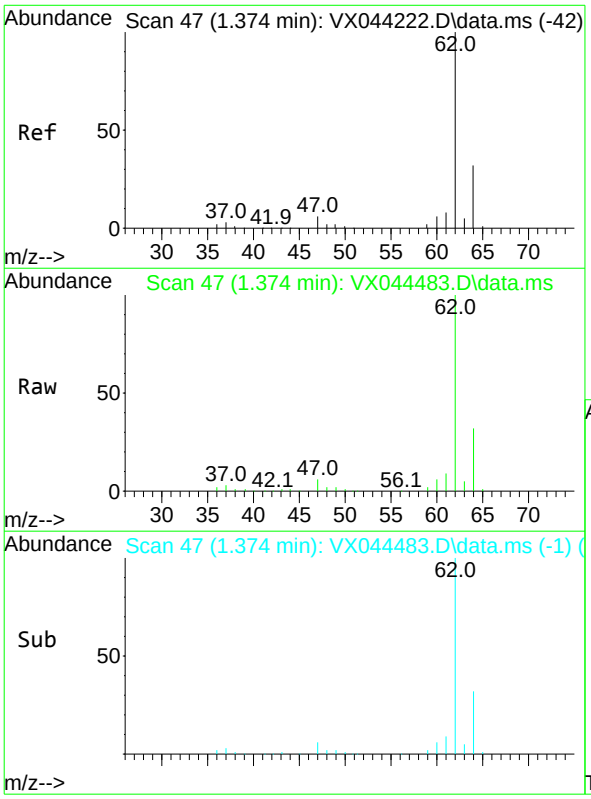
Ion	Ratio	Lower	Upper
50	100		
52	32.6	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

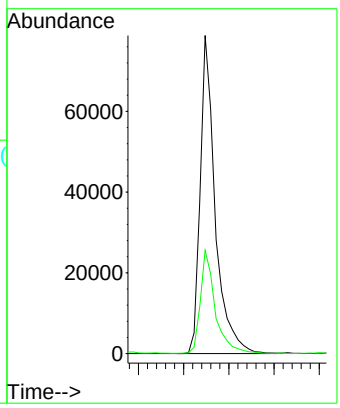
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

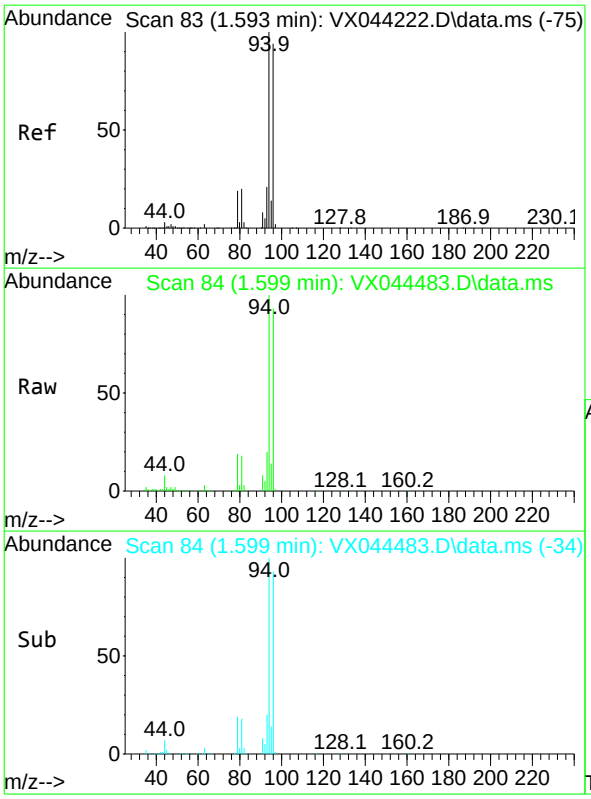


#4
Vinyl Chloride
Concen: 44.080 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 62 Resp: 90522

Ion	Ratio	Lower	Upper
62	100		
64	32.4	25.7	38.5

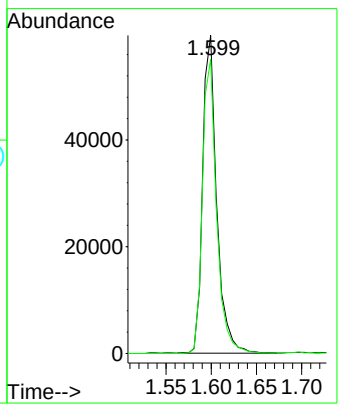




#5
Bromomethane
Concen: 44.169 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 94 Resp: 64349

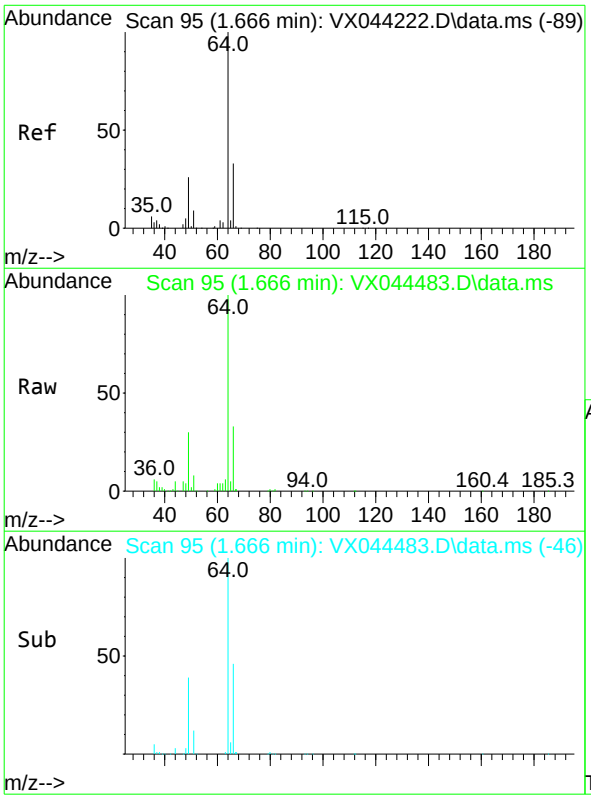
Ion	Ratio	Lower	Upper
94	100		
96	92.6	74.9	112.3



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations APPROVED

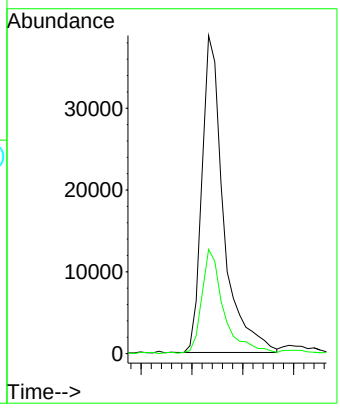
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

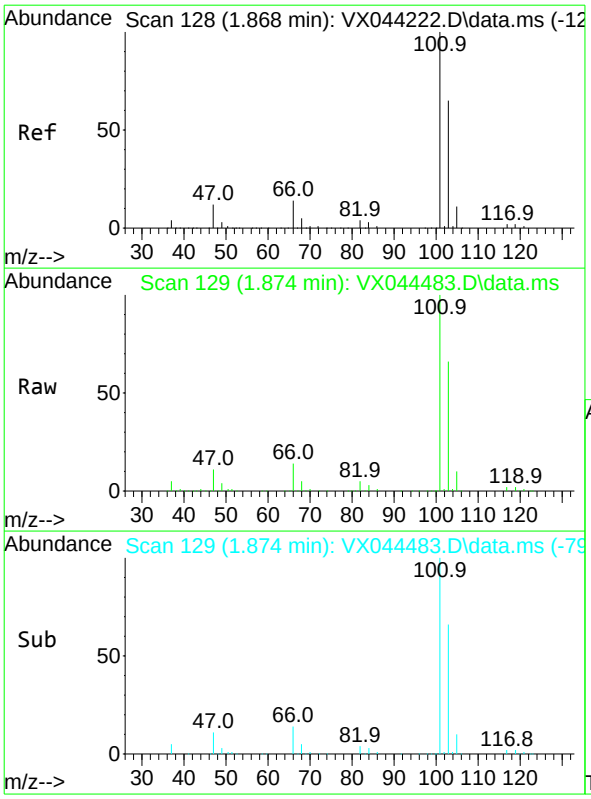


#6
Chloroethane
Concen: 44.703 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 64 Resp: 57163

Ion	Ratio	Lower	Upper
64	100		
66	32.7	26.6	39.8

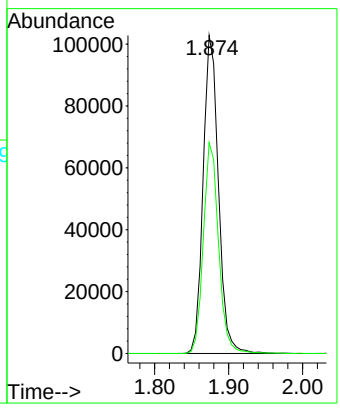




#7
Trichlorofluoromethane
Concen: 36.730 ug/l
RT: 1.874 min Scan# 12
Delta R.T. 0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:101 Resp: 147666

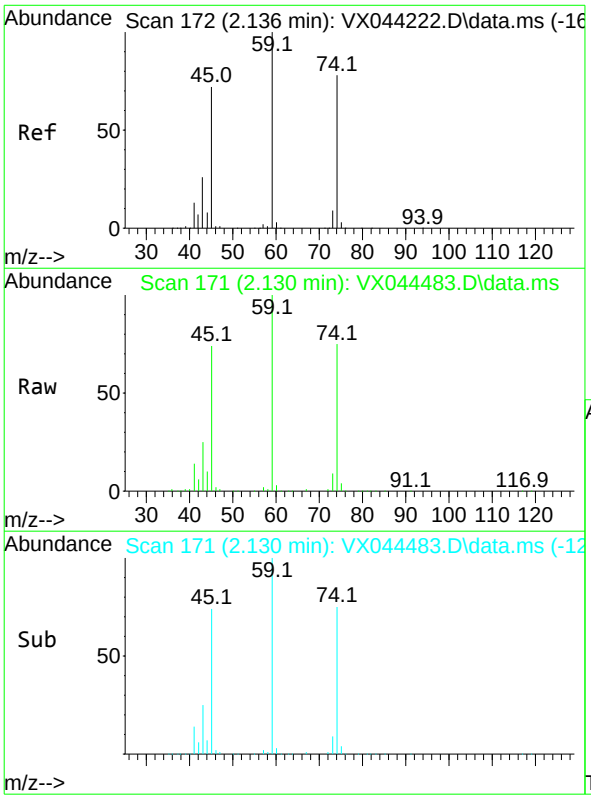
Ion	Ratio	Lower	Upper
101	100		
103	66.3	51.8	77.8



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations APPROVED

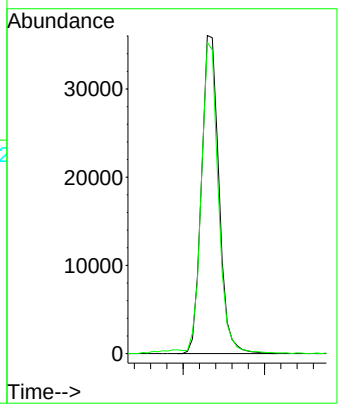
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

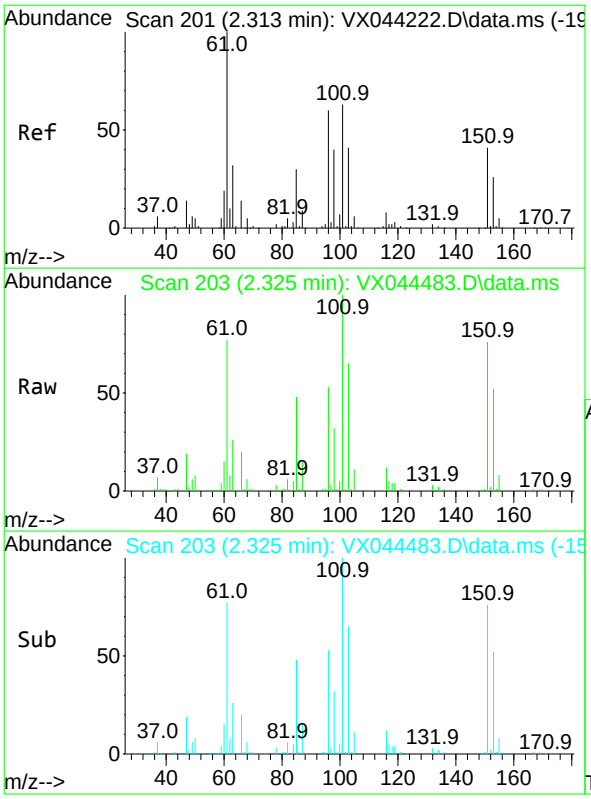


#8
Diethyl Ether
Concen: 39.020 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 74 Resp: 53546

Ion	Ratio	Lower	Upper
74	100		
45	97.5	48.4	145.0

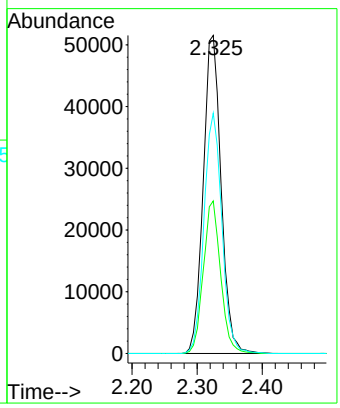




#9
1,1,2-Trichlorotrifluoroethane
Concen: 60.459 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:101 Resp: 98355

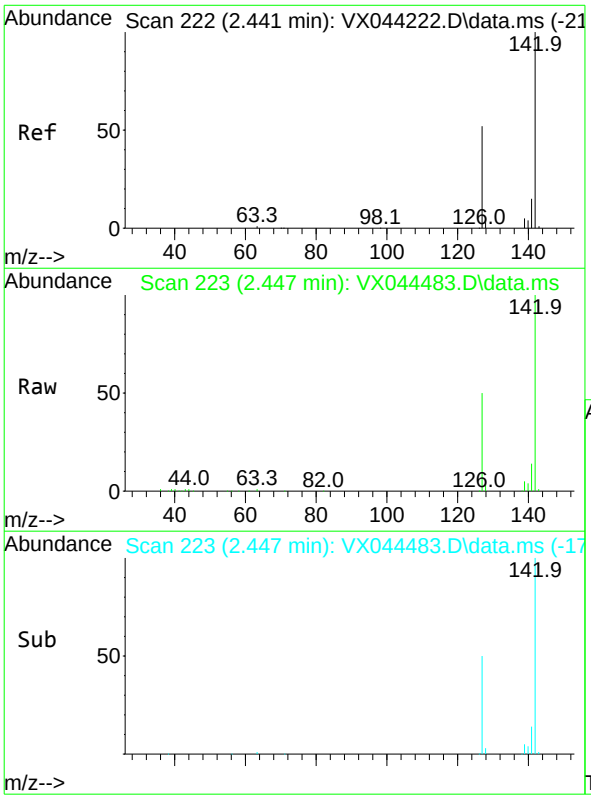
Ion	Ratio	Lower	Upper
101	100		
85	46.3	38.5	57.7
151	75.6	55.8	83.6



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

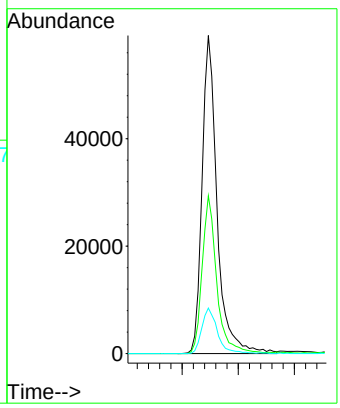
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

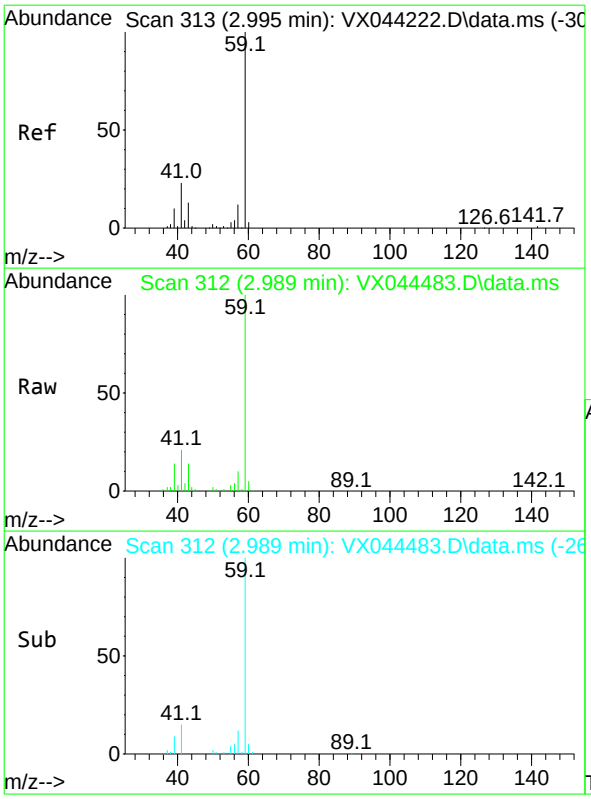


#10
Methyl Iodide
Concen: 51.289 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:142 Resp: 109968

Ion	Ratio	Lower	Upper
142	100		
127	48.2	41.8	62.8
141	14.9	11.5	17.3

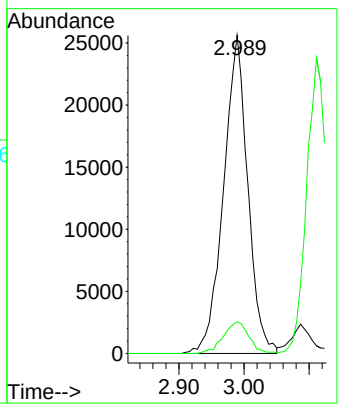




#11
Tert butyl alcohol
Concen: 200.689 ug/l
RT: 2.989 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 59 Resp: 66110

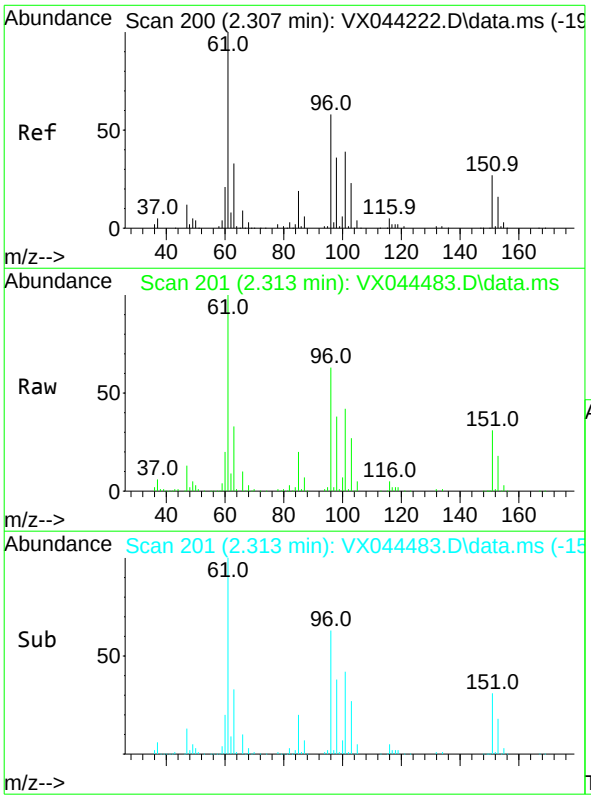
Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

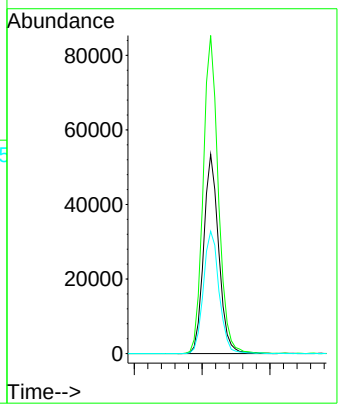
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

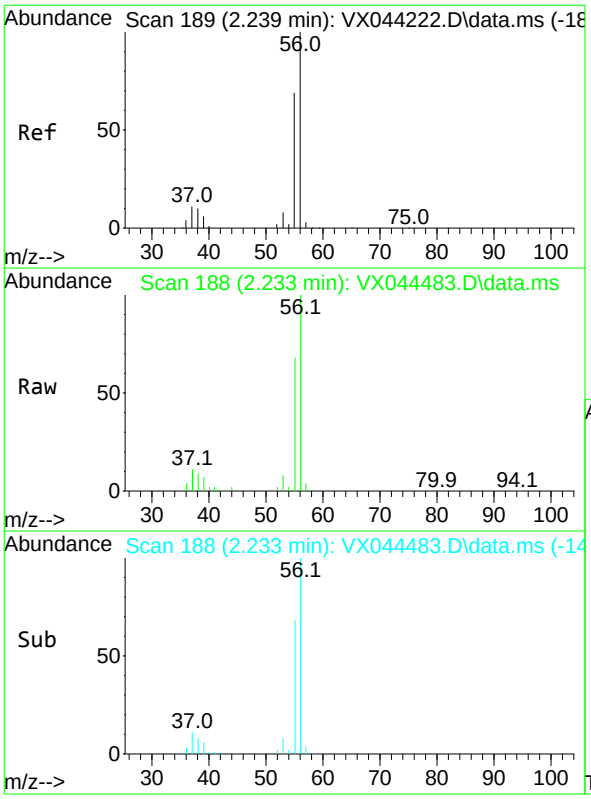


#12
1,1-Dichloroethene
Concen: 54.875 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 96 Resp: 81996

Ion	Ratio	Lower	Upper
96	100		
61	159.6	138.0	207.0
98	61.4	50.0	75.0

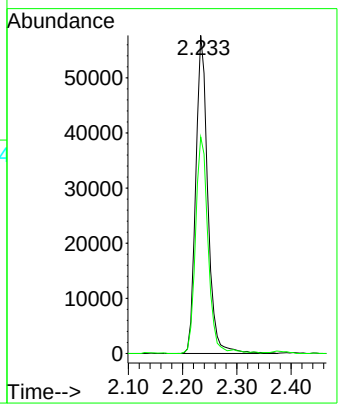




#13
Acrolein
Concen: 186.265 ug/l
RT: 2.233 min Scan# 18
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 56 Resp: 88819

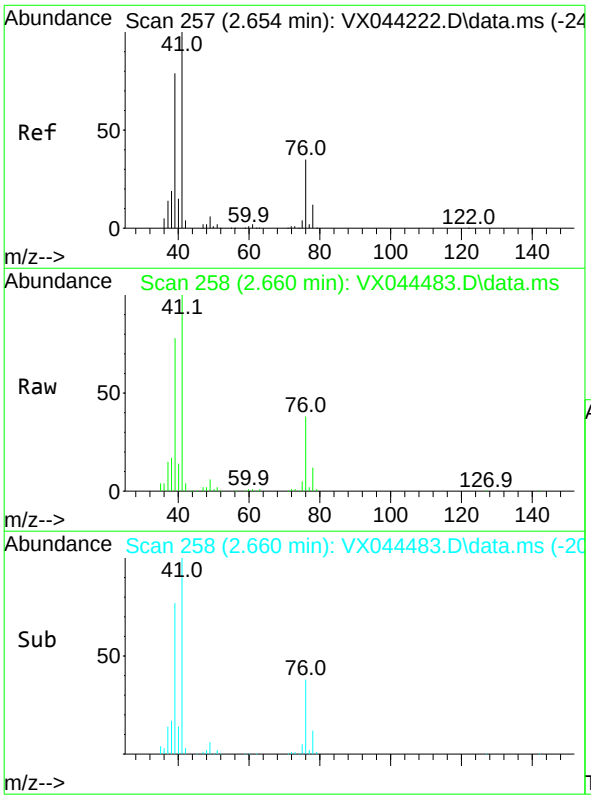
Ion	Ratio	Lower	Upper
56	100		
55	70.1	56.6	84.8



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

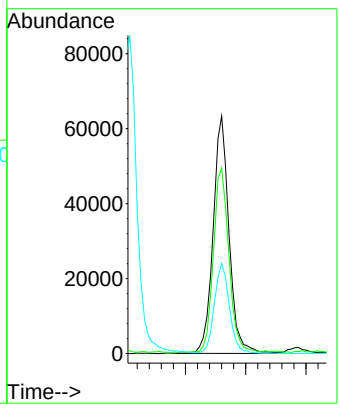
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

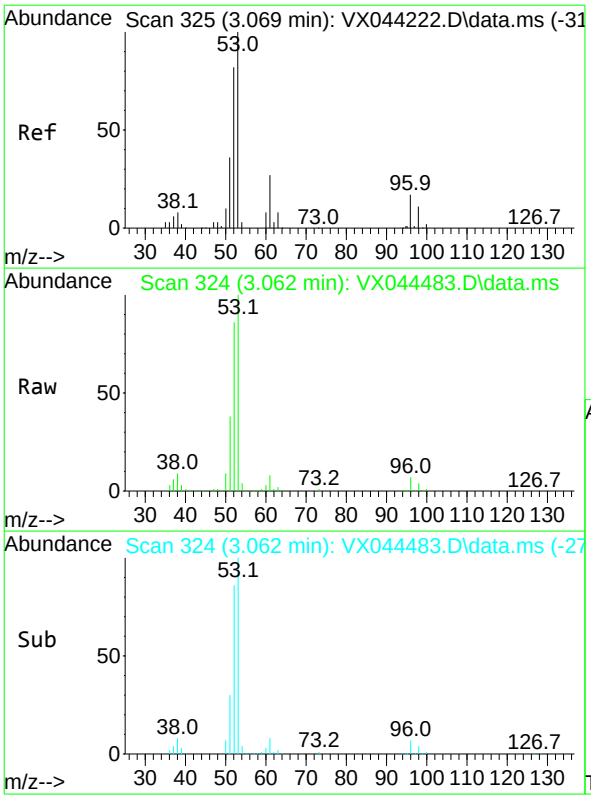


#14
Allyl chloride
Concen: 46.680 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 41 Resp: 116179

Ion	Ratio	Lower	Upper
41	100		
39	75.0	61.9	92.9
76	35.7	27.4	41.2

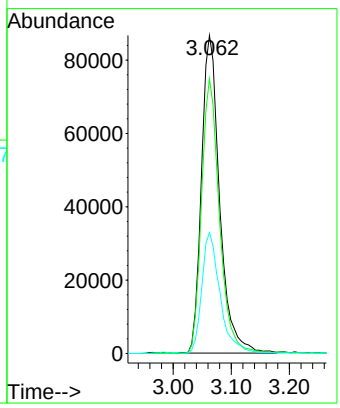




#15
Acrylonitrile
Concen: 205.636 ug/l
RT: 3.062 min Scan# 32
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 53 Resp: 187642

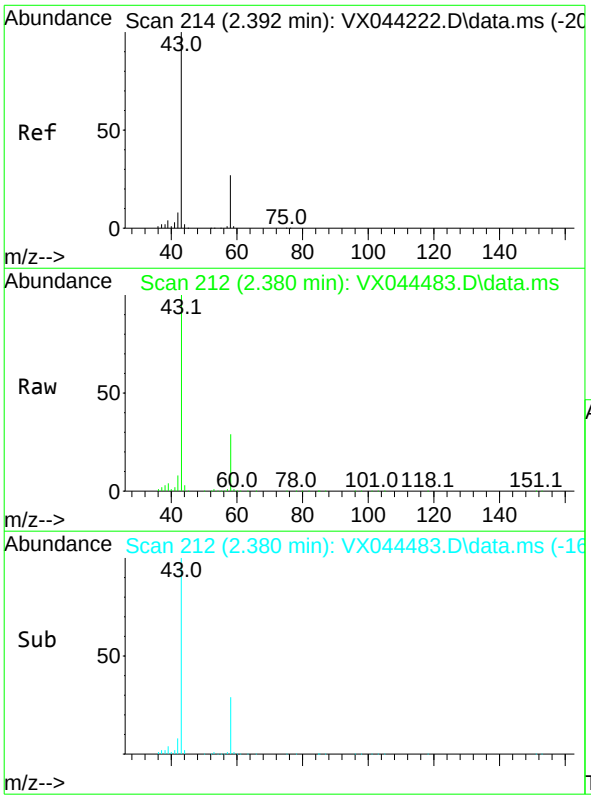
Ion	Ratio	Lower	Upper
53	100		
52	85.3	67.4	101.0
51	38.1	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

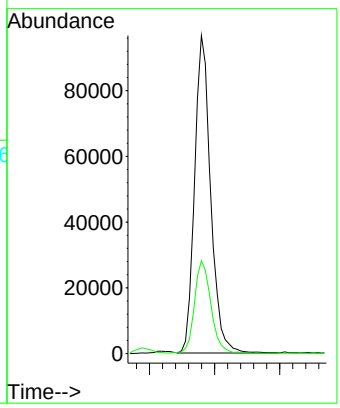
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

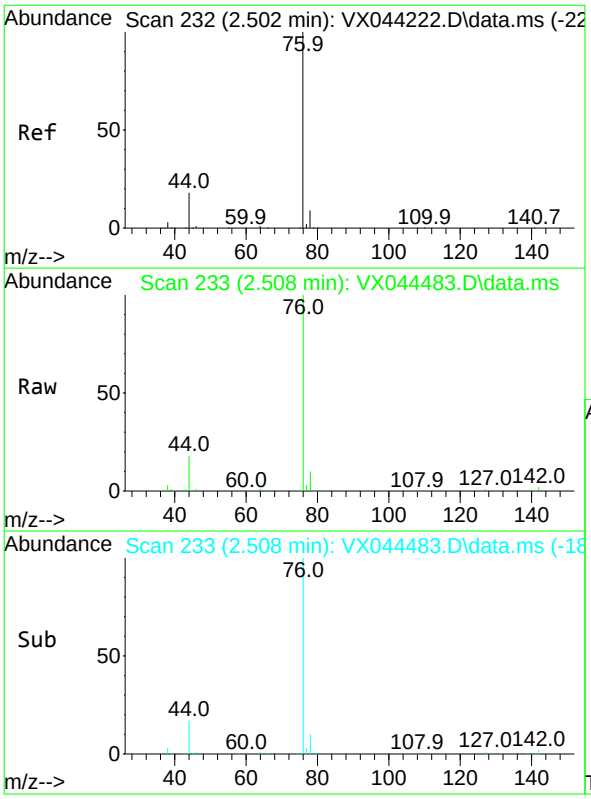


#16
Acetone
Concen: 173.243 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 43 Resp: 165083

Ion	Ratio	Lower	Upper
43	100		
58	29.1	21.6	32.4

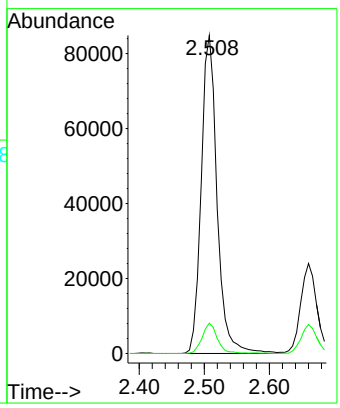




#17
Carbon Disulfide
Concen: 50.451 ug/l
RT: 2.508 min Scan# 23
Delta R.T. 0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 76 Resp: 143297

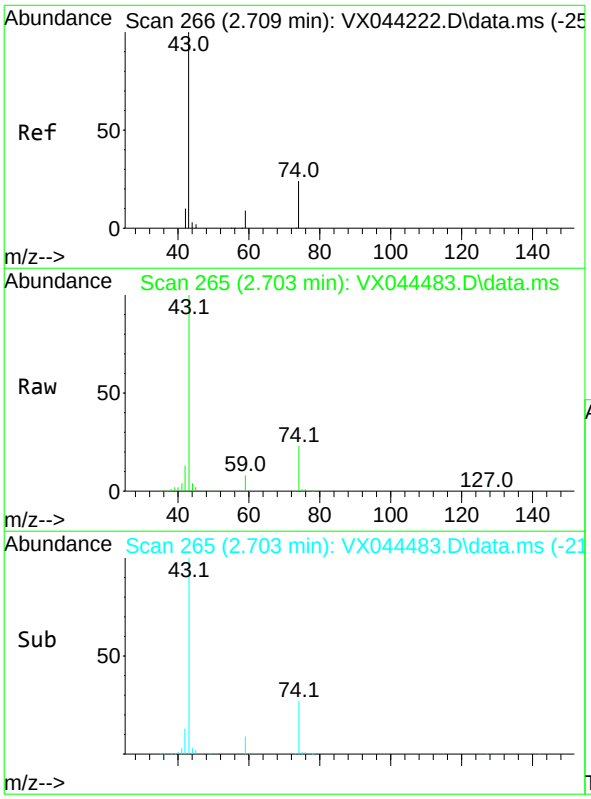
Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.0



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations APPROVED

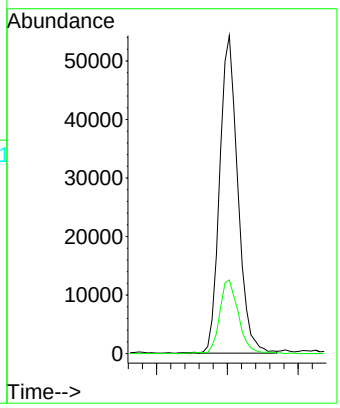
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

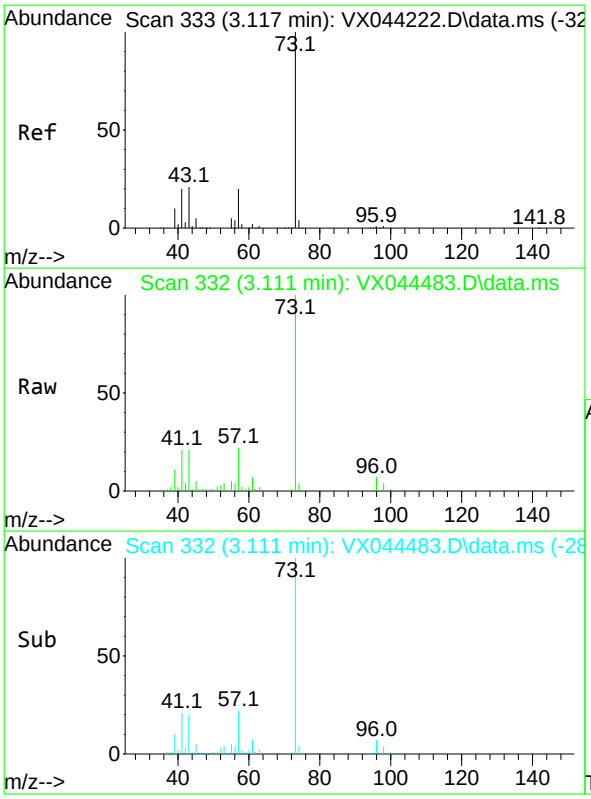


#18
Methyl Acetate
Concen: 39.348 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 43 Resp: 96675

Ion	Ratio	Lower	Upper
43	100		
74	24.1	17.7	26.5

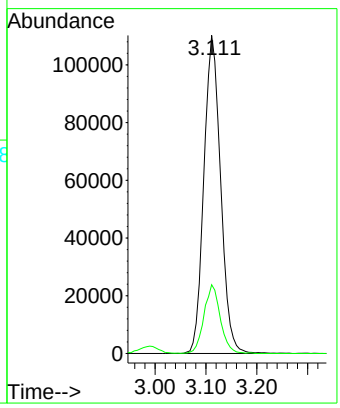




#19
Methyl tert-butyl Ether
Concen: 43.278 ug/l
RT: 3.111 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 73 Resp: 252352

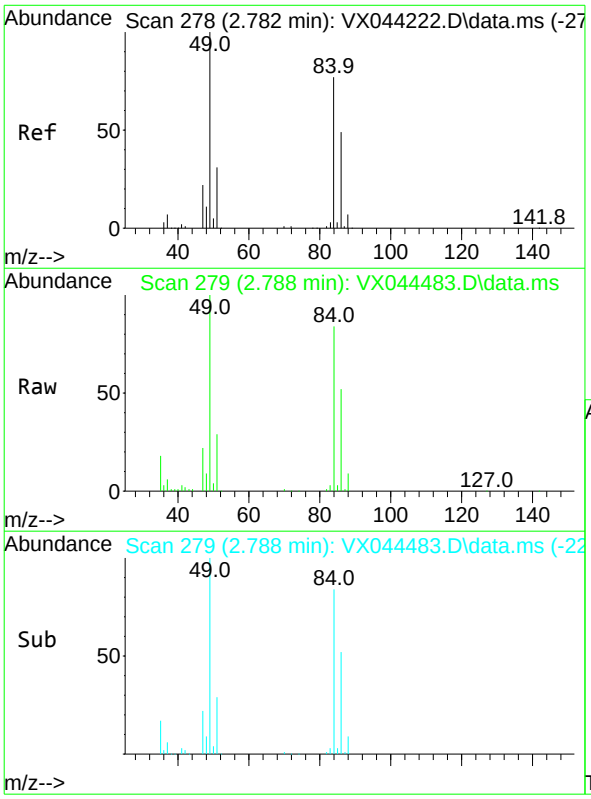
Ion	Ratio	Lower	Upper
73	100		
57	21.6	16.2	24.4



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

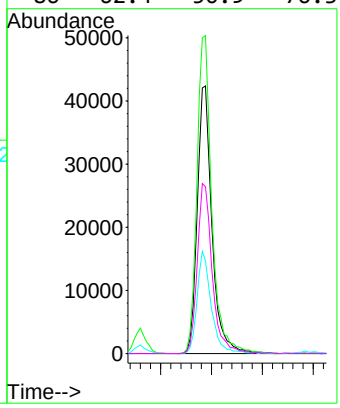
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

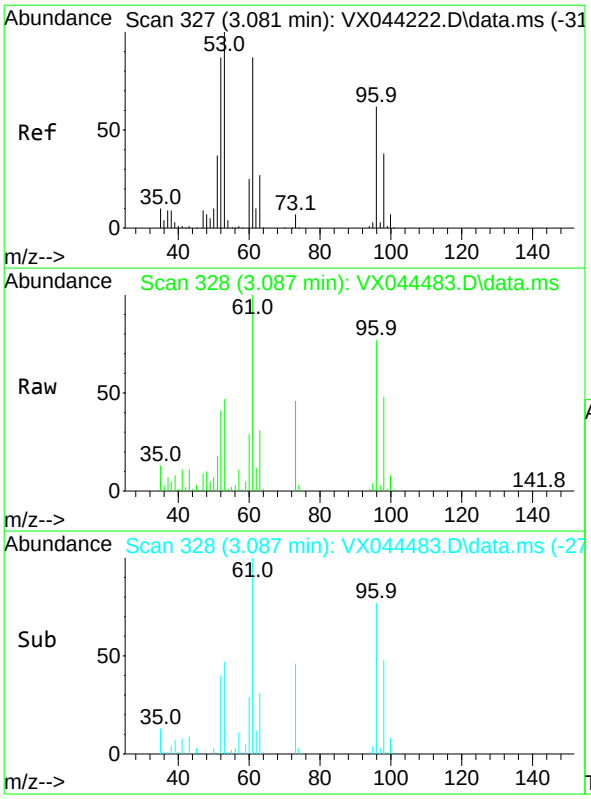


#20
Methylene Chloride
Concen: 47.423 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 84 Resp: 84877

Ion	Ratio	Lower	Upper
84	100		
49	118.9	104.2	156.4
51	34.6	32.2	48.4
86	62.4	50.9	76.3

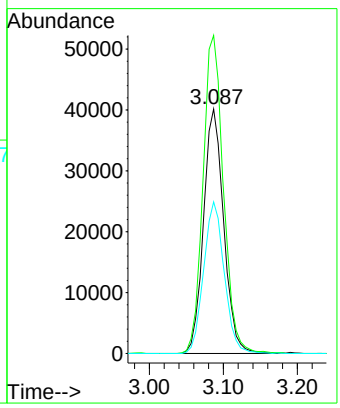




#21
trans-1,2-Dichloroethene
Concen: 47.906 ug/l
RT: 3.087 min Scan# 32
Delta R.T. 0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 96 Resp: 76077

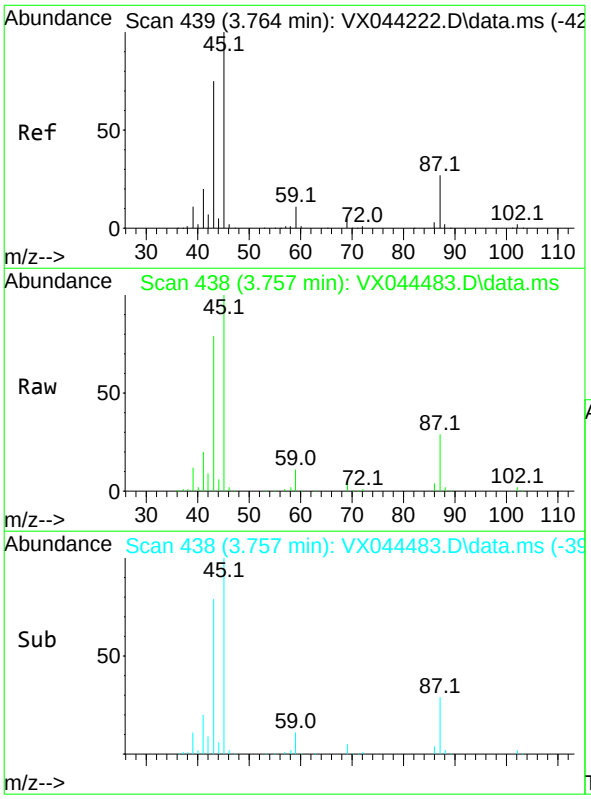
Ion	Ratio	Lower	Upper
96	100		
61	130.1	112.0	168.0
98	62.0	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

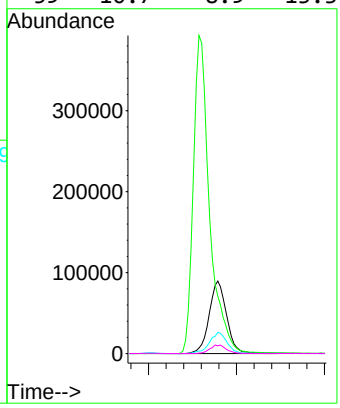
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

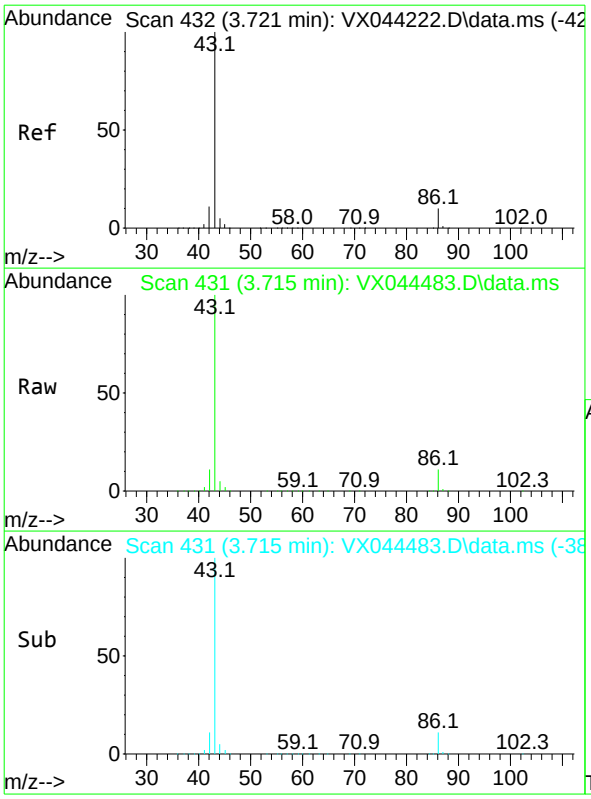


#22
Diisopropyl ether
Concen: 44.149 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 45 Resp: 247428

Ion	Ratio	Lower	Upper
45	100		
43	79.2	60.2	90.2
87	29.2	21.2	31.8
59	10.7	8.9	13.3

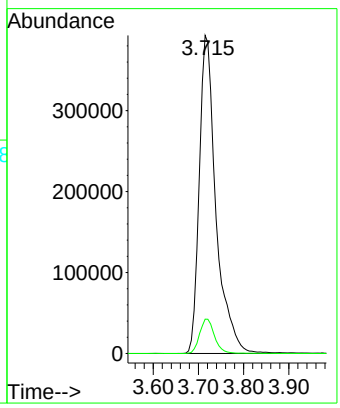




#23
Vinyl Acetate
Concen: 221.715 ug/l
RT: 3.715 min Scan# 43
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 43 Resp: 1010223

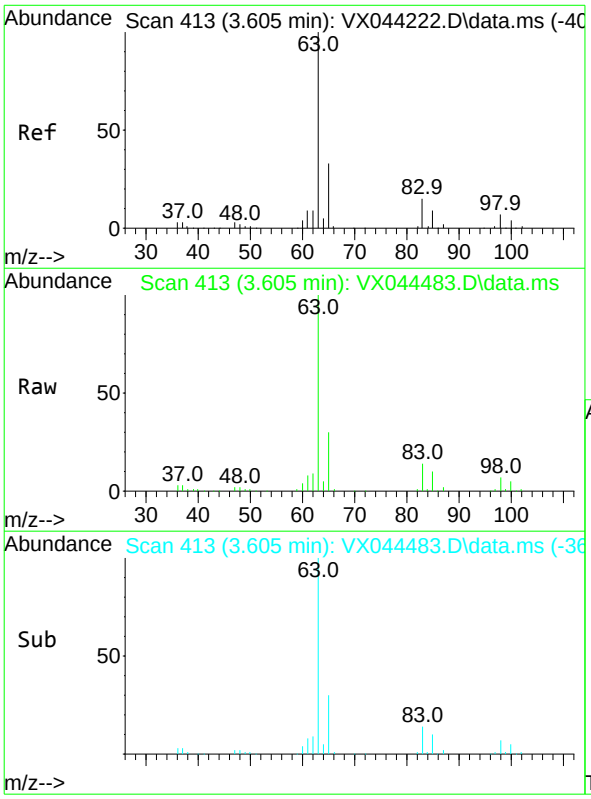
Ion	Ratio	Lower	Upper
43	100		
86	10.8	8.2	12.2



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

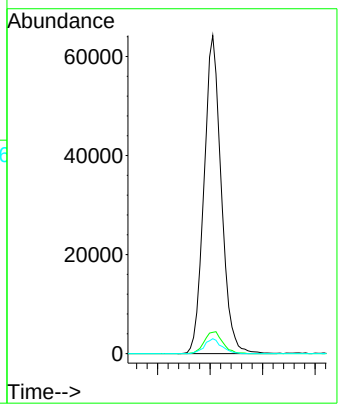
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

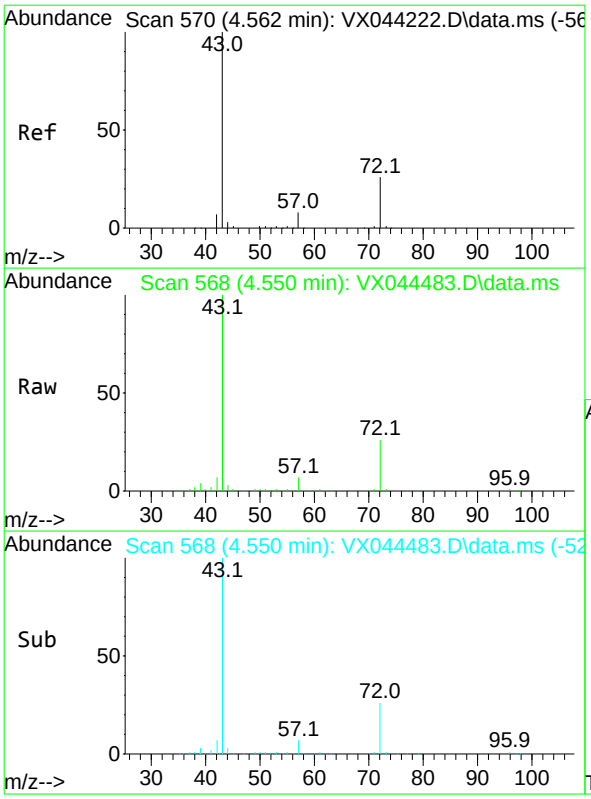


#24
1,1-Dichloroethane
Concen: 46.880 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 63 Resp: 146455

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.6	10.8
100	4.7	2.1	6.3

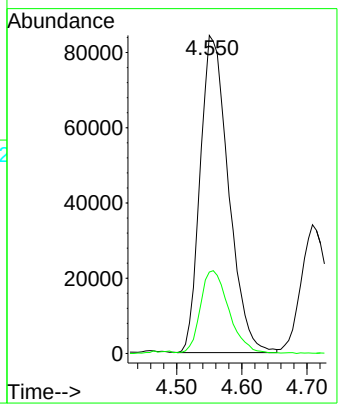




#25
2-Butanone
Concen: 188.195 ug/l
RT: 4.550 min Scan# 56
Delta R.T. -0.012 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 43 Resp: 254944

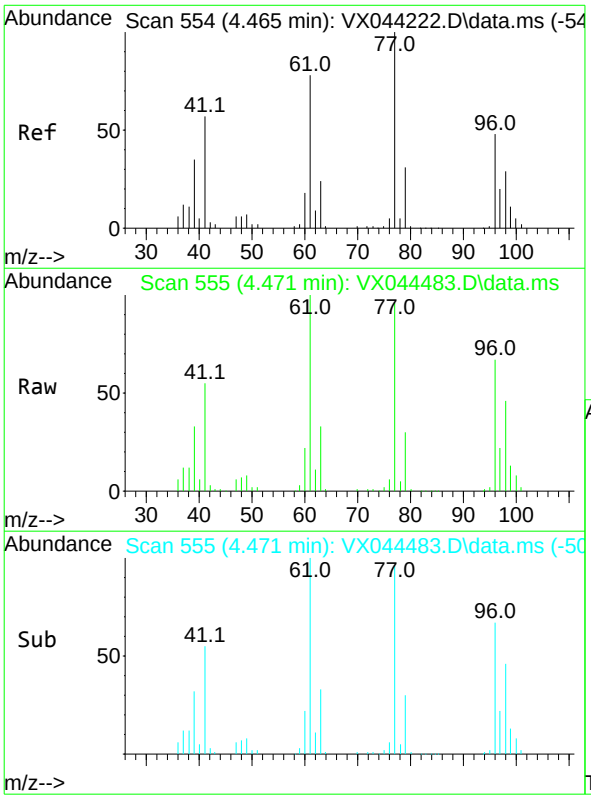
Ion	Ratio	Lower	Upper
43	100		
72	25.4	20.2	30.4



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
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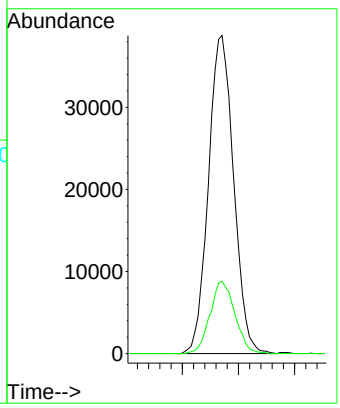
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

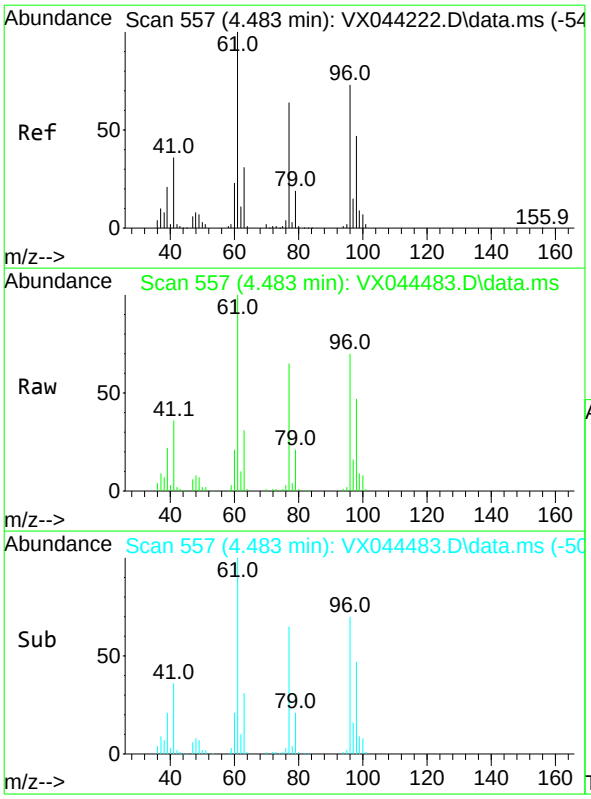


#26
2,2-Dichloropropane
Concen: 47.546 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 77 Resp: 120669

Ion	Ratio	Lower	Upper
77	100		
97	22.4	10.7	32.1

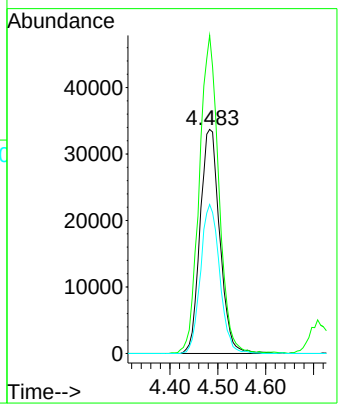




#27
cis-1,2-Dichloroethene
Concen: 47.615 ug/l
RT: 4.483 min Scan# 55
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 96 Resp: 96032

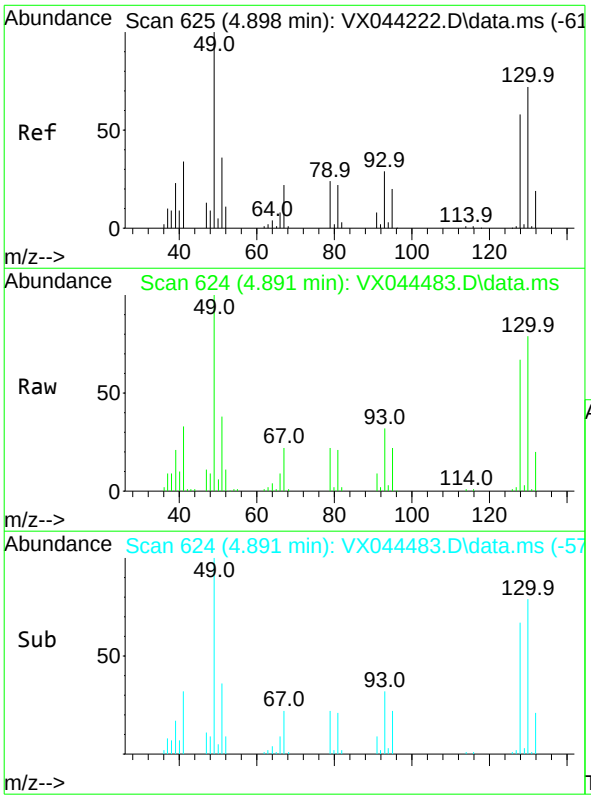
Ion	Ratio	Lower	Upper
96	100		
61	140.7	0.0	299.0
98	64.9	0.0	129.0



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

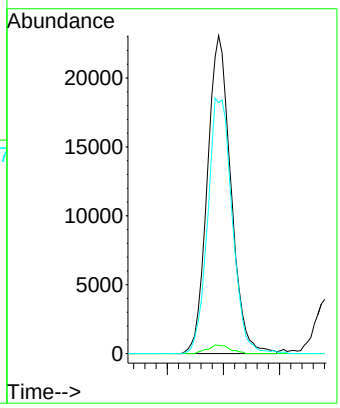
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

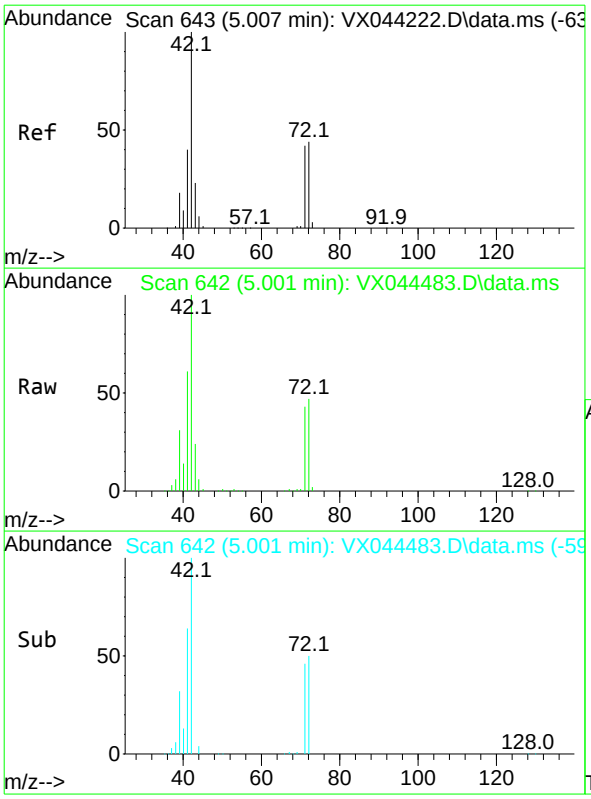


#28
Bromochloromethane
Concen: 43.932 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 49 Resp: 67300

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.2
130	83.6	62.1	93.1

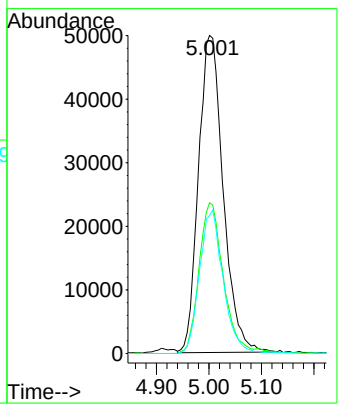




#29
Tetrahydrofuran
Concen: 187.413 ug/l
RT: 5.001 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 42 Resp: 162960

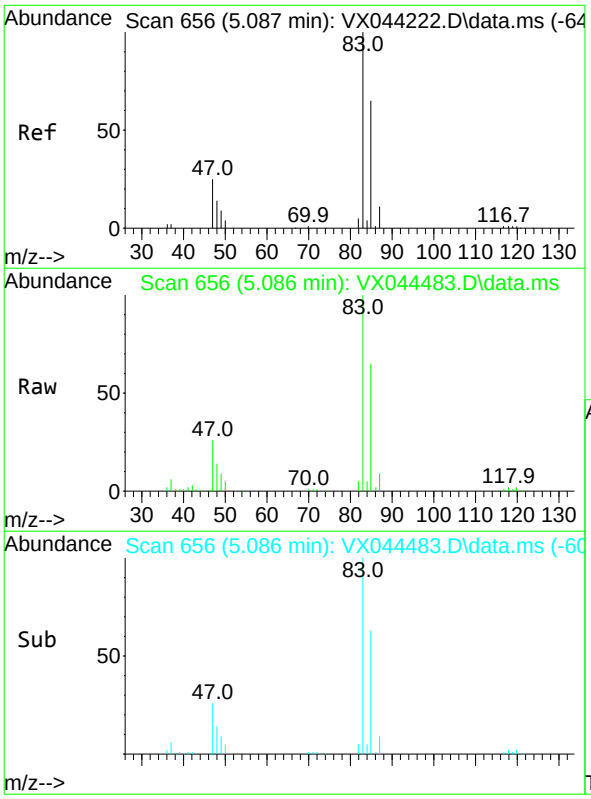
Ion	Ratio	Lower	Upper
42	100		
72	47.4	37.0	55.6
71	43.3	33.6	50.4



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

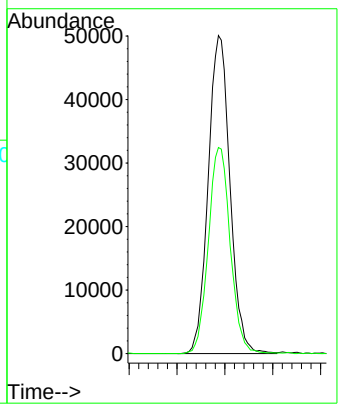
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

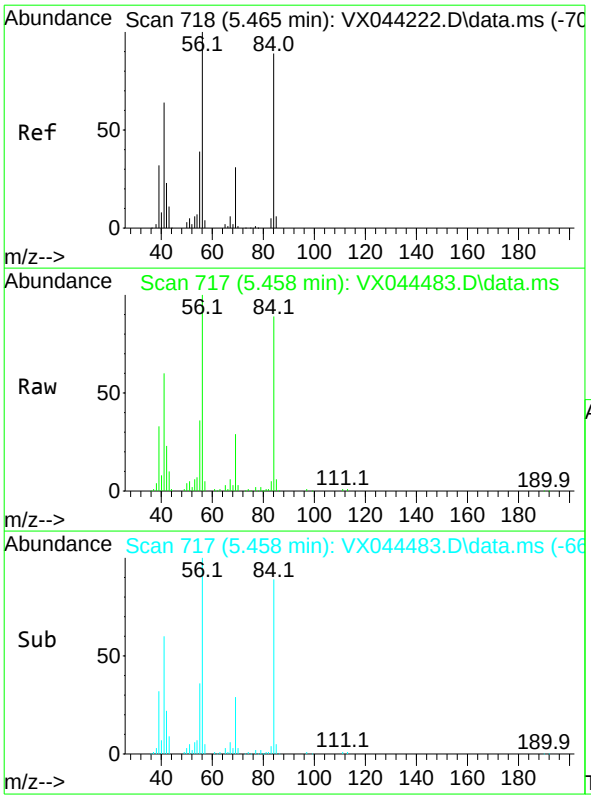


#30
Chloroform
Concen: 45.061 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 83 Resp: 158163

Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.6	77.4

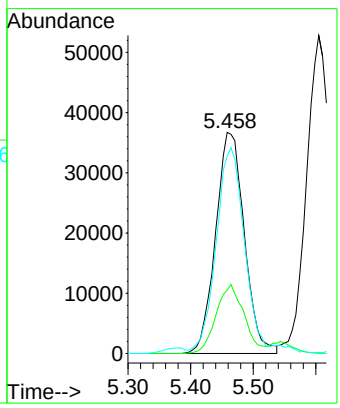




#31
Cyclohexane
Concen: 46.379 ug/l
RT: 5.458 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 56 Resp: 117000

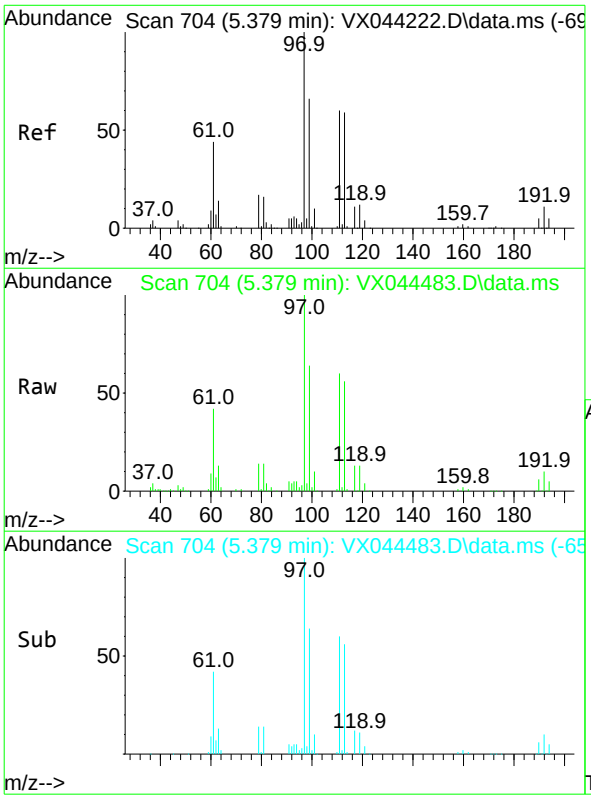
Ion	Ratio	Lower	Upper
56	100		
69	28.7	24.7	37.1
84	86.5	71.0	106.6



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

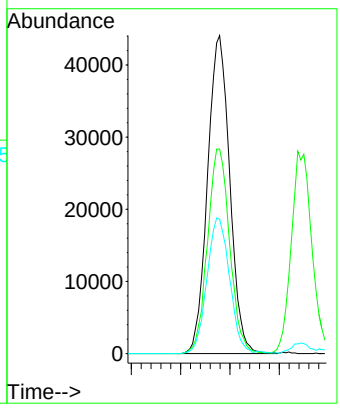
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

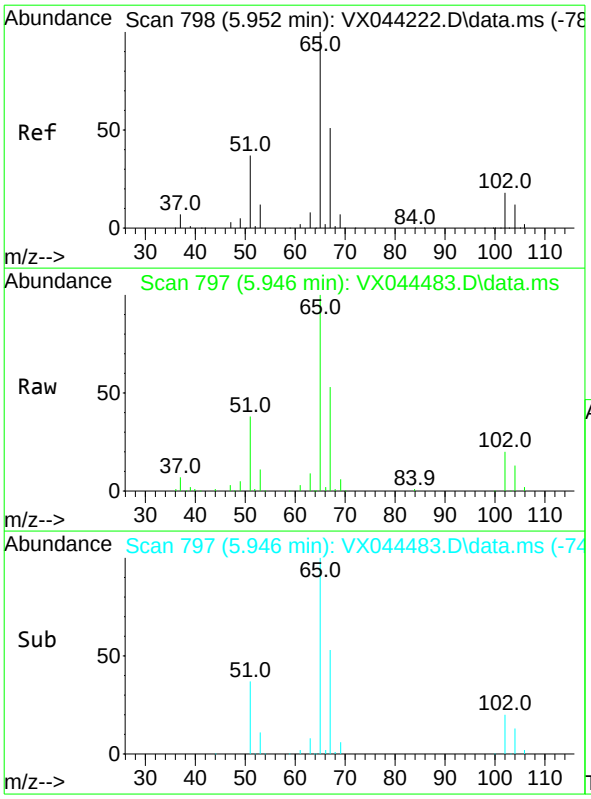


#32
1,1,1-Trichloroethane
Concen: 47.310 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 97 Resp: 137841

Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.8	76.2
61	43.5	35.2	52.8

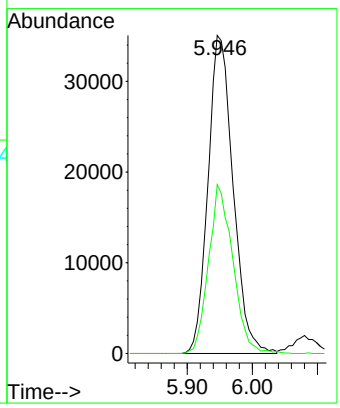




#33
1,2-Dichloroethane-d4
Concen: 40.135 ug/l
RT: 5.946 min Scan# 79
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 65 Resp: 93809

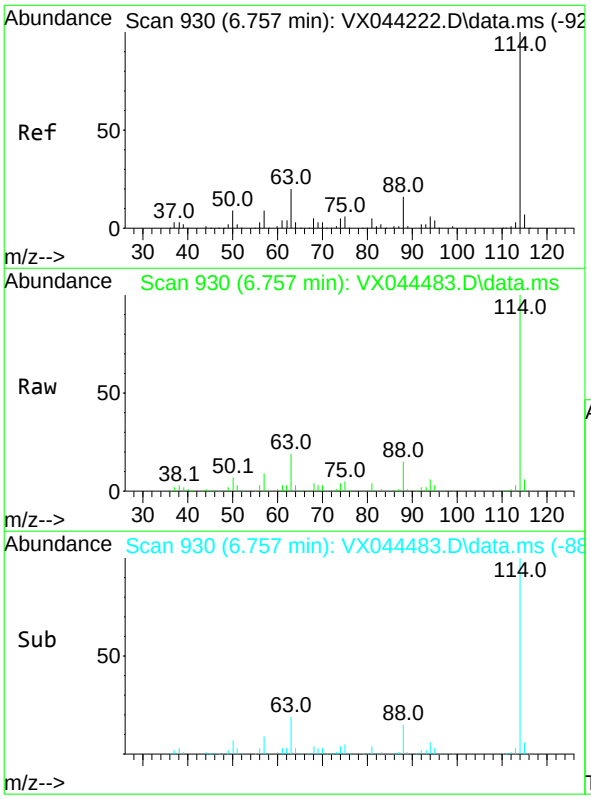
Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	101.6



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
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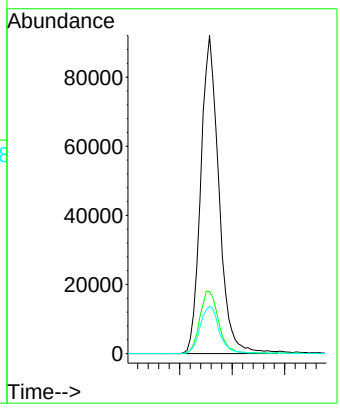
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

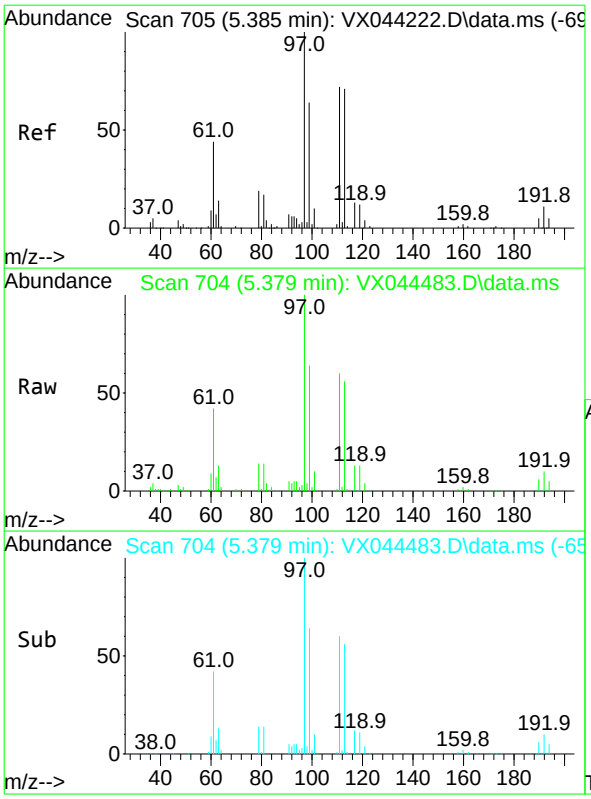


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:114 Resp: 221334

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	40.6
88	14.9	0.0	31.8

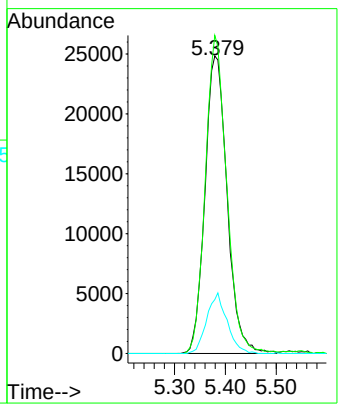




#35
Dibromofluoromethane
Concen: 49.155 ug/l
RT: 5.379 min Scan# 70
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:113 Resp: 75352

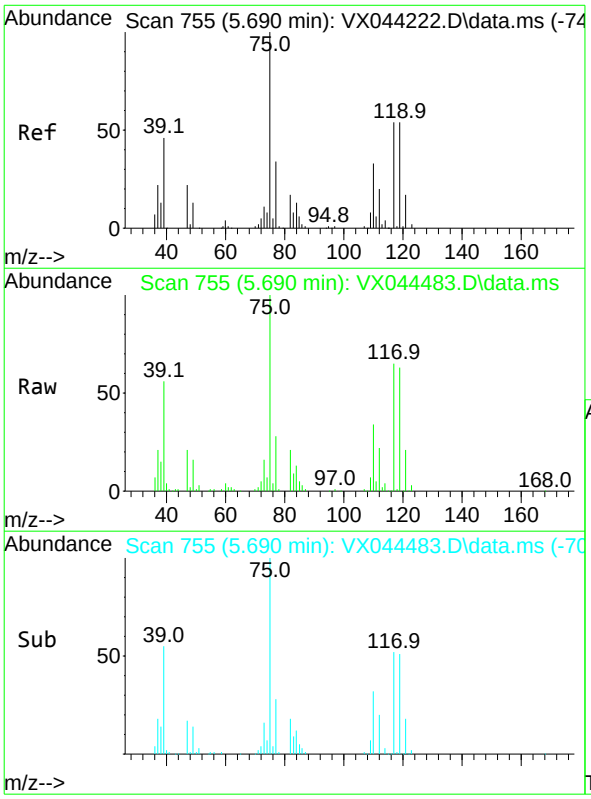
Ion	Ratio	Lower	Upper
113	100		
111	102.8	80.4	120.6
192	18.6	13.3	19.9



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
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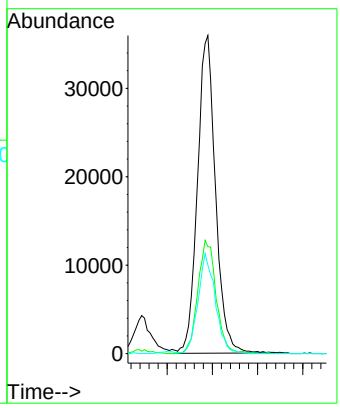
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

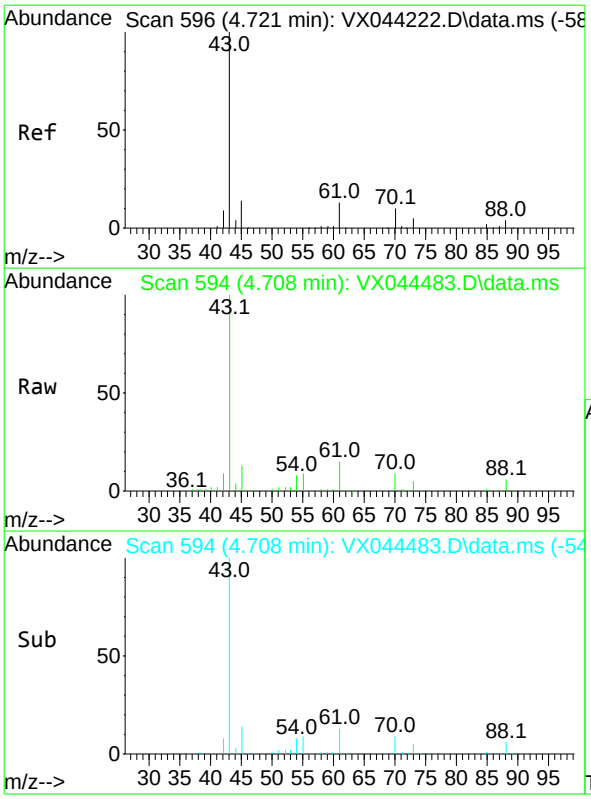


#36
1,1-Dichloropropene
Concen: 50.351 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 75 Resp: 99772

Ion	Ratio	Lower	Upper
75	100		
110	36.0	17.3	51.7
77	30.1	25.4	38.0

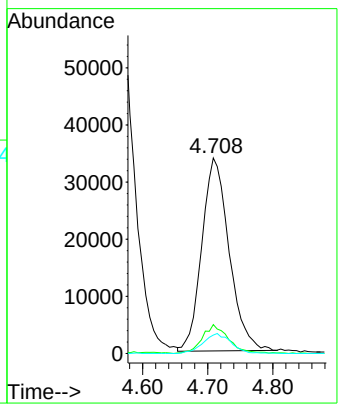




#37
Ethyl Acetate
Concen: 40.198 ug/l
RT: 4.708 min Scan# 59
Delta R.T. -0.012 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 43 Resp: 98461

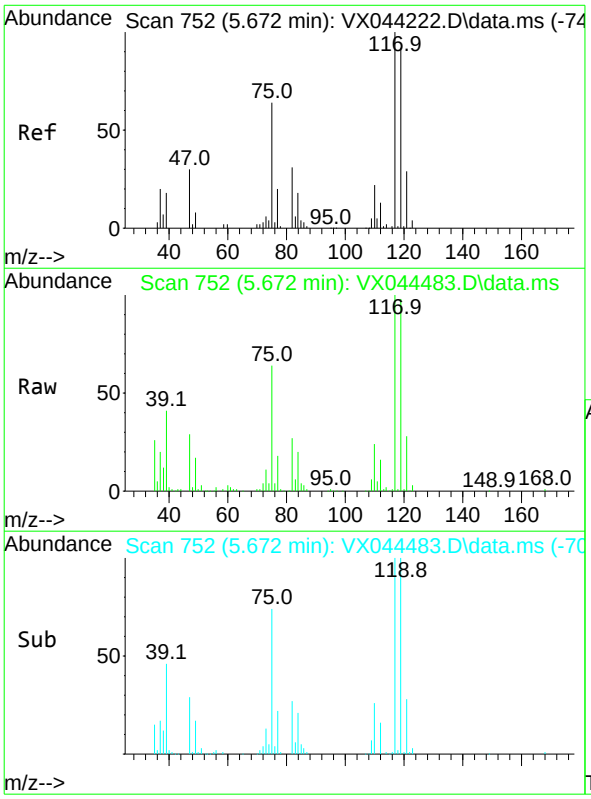
Ion	Ratio	Lower	Upper
43	100		
61	14.4	9.8	14.8
70	10.6	7.7	11.5



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
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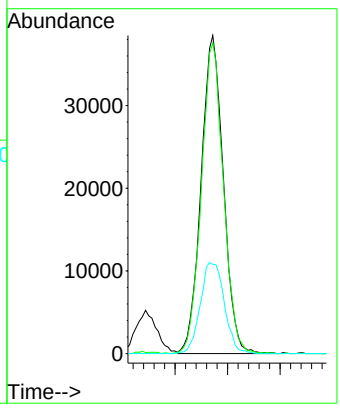
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

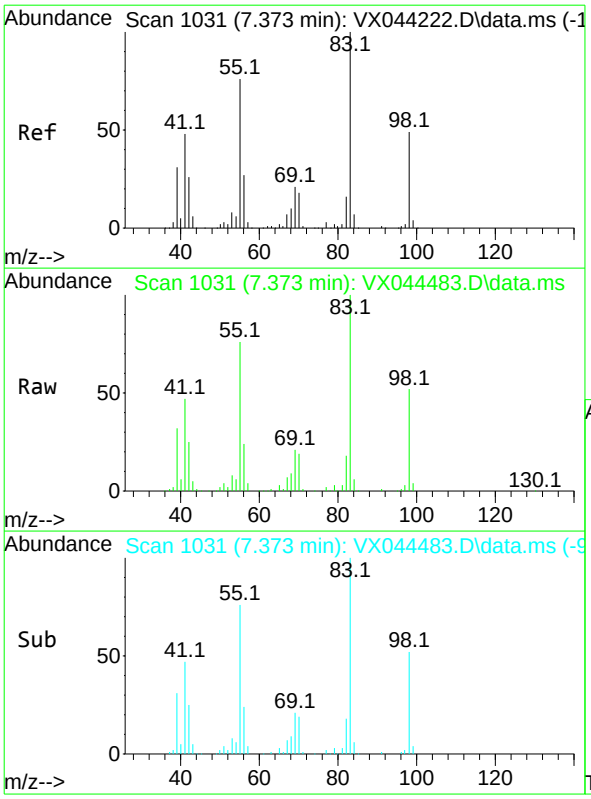


#38
Carbon Tetrachloride
Concen: 53.092 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:117 Resp: 113263

Ion	Ratio	Lower	Upper
117	100		
119	97.7	74.2	111.4
121	28.1	23.0	34.6

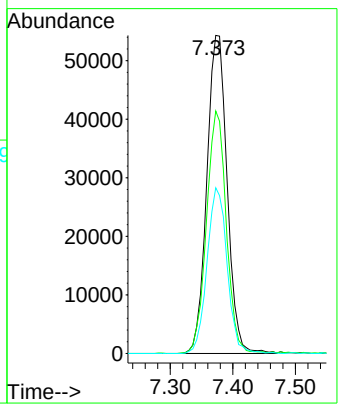




#39
Methylcyclohexane
Concen: 51.718 ug/l
RT: 7.373 min Scan# 10
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 83 Resp: 122514

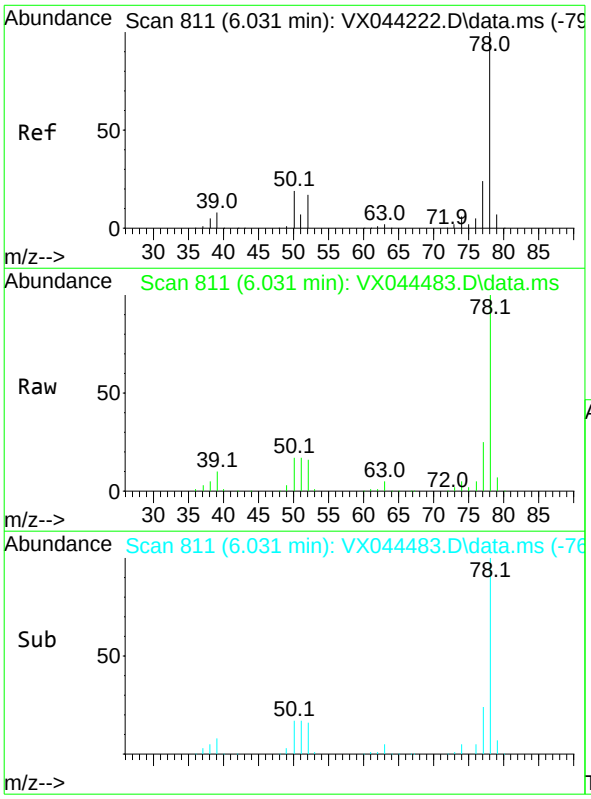
Ion	Ratio	Lower	Upper
83	100		
55	76.2	60.7	91.1
98	52.1	38.9	58.3



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations APPROVED

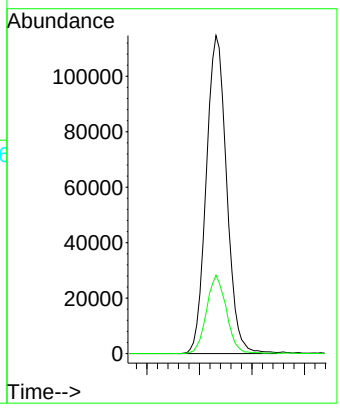
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

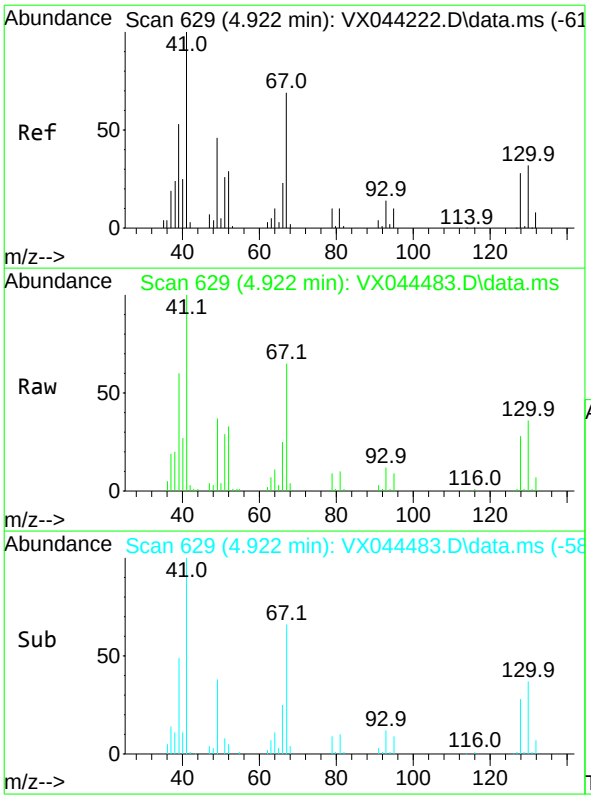


#40
Benzene
Concen: 51.519 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 78 Resp: 309954

Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.3	28.9

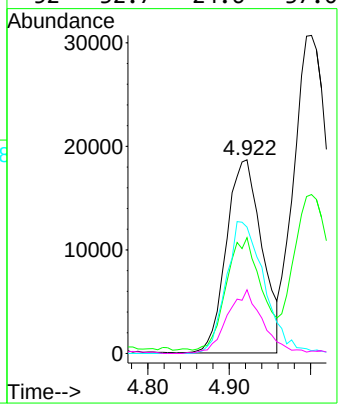




#41
Methacrylonitrile
Concen: 43.580 ug/l
RT: 4.922 min Scan# 62
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 41 Resp: 56683

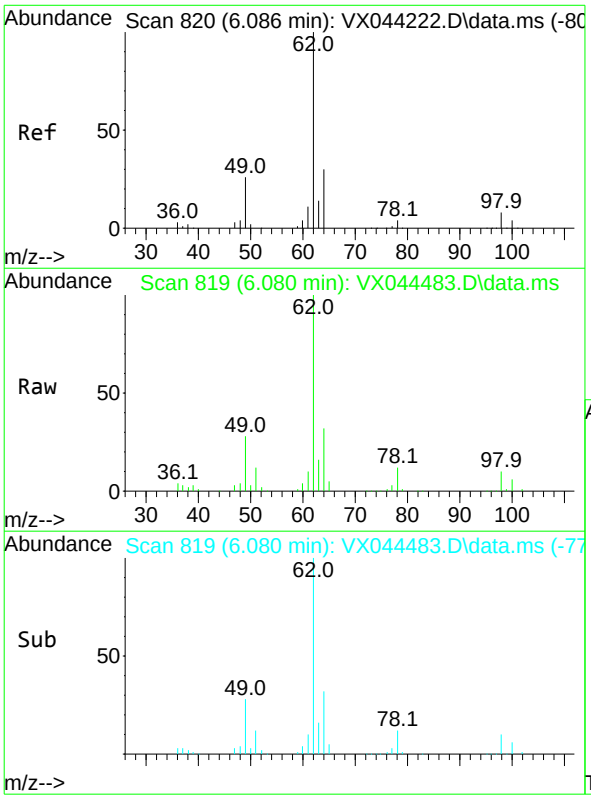
Ion	Ratio	Lower	Upper
41	100		
39	57.8	44.2	66.4
67	73.4	57.2	85.8
52	32.7	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

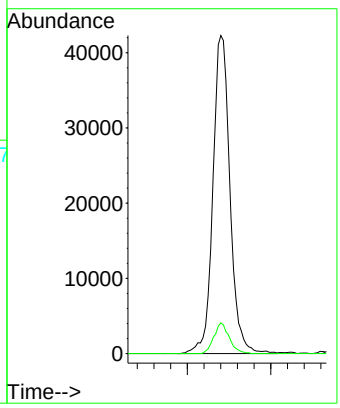
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

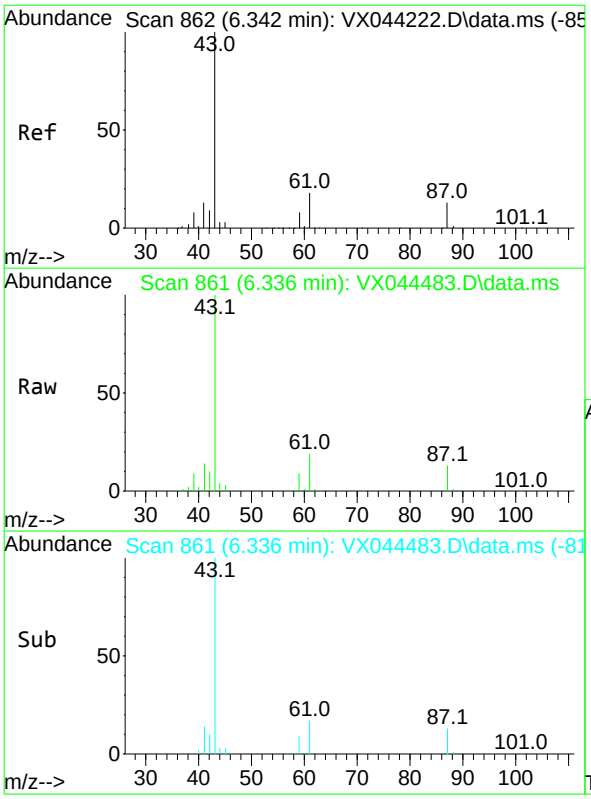


#42
1,2-Dichloroethane
Concen: 48.447 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 62 Resp: 120065

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	15.8

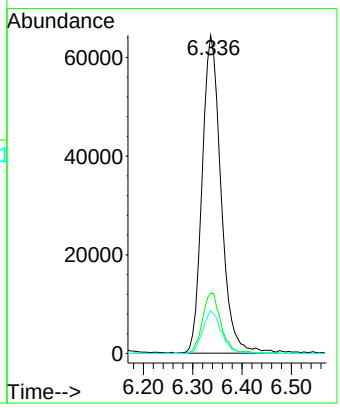




#43
Isopropyl Acetate
Concen: 44.675 ug/l
RT: 6.336 min Scan# 86
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 43 Resp: 171036

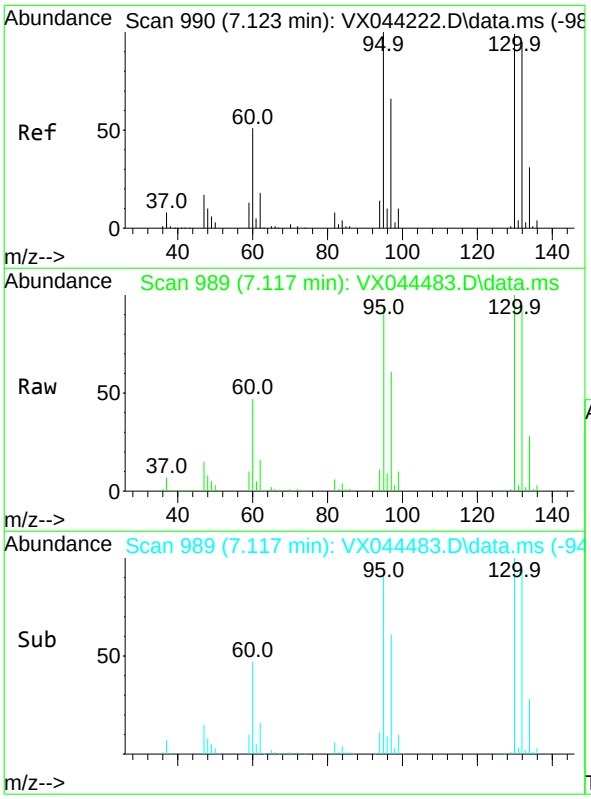
Ion	Ratio	Lower	Upper
43	100		
61	18.8	14.2	21.2
87	13.2	10.2	15.2



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

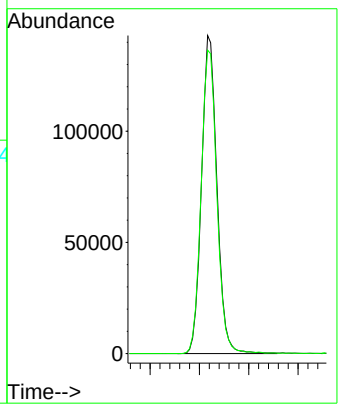
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

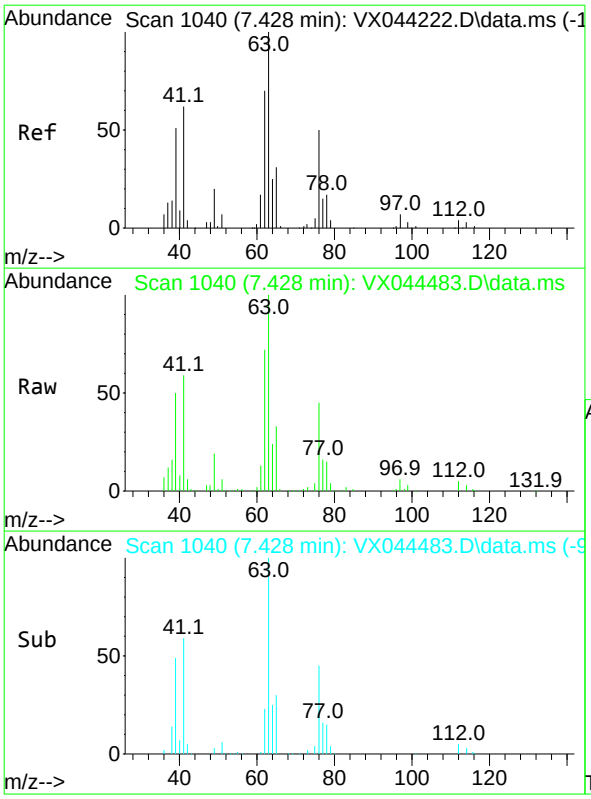


#44
Trichloroethene
Concen: 206.520 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:130 Resp: 309842

Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	201.4

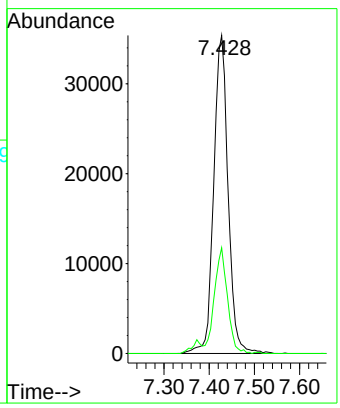




#45
1,2-Dichloropropane
Concen: 50.923 ug/l
RT: 7.428 min Scan# 10
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 63 Resp: 78272

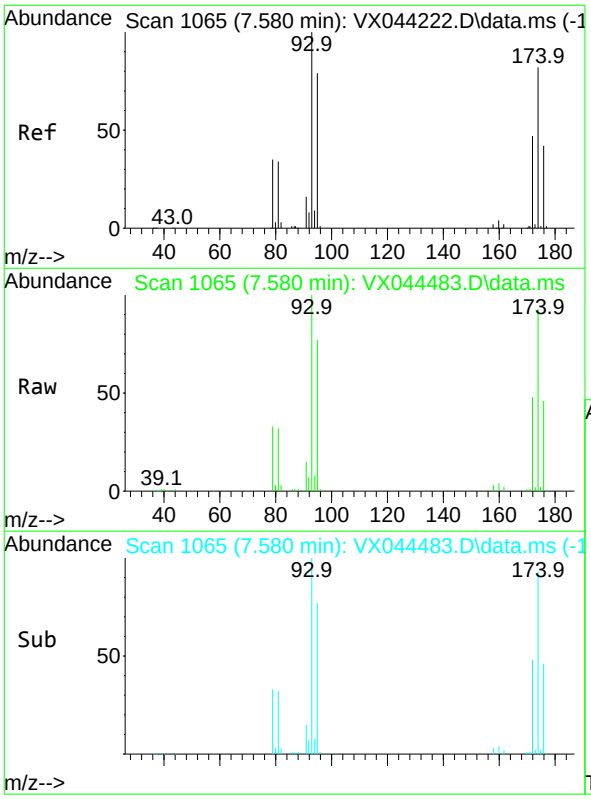
Ion	Ratio	Lower	Upper
63	100		
65	33.2	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

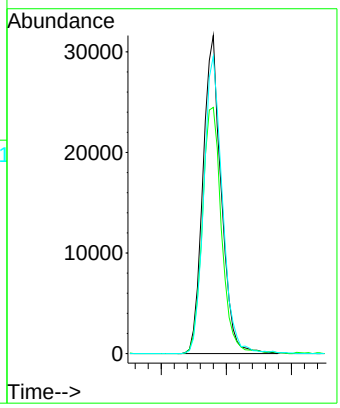
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

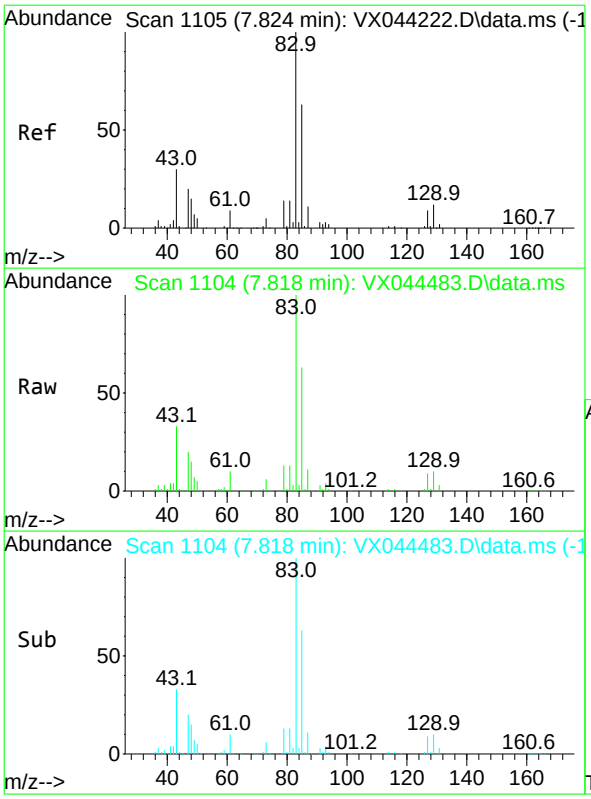


#46
Dibromomethane
Concen: 51.651 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 93 Resp: 61591

Ion	Ratio	Lower	Upper
93	100		
95	81.3	65.4	98.2
174	95.4	67.9	101.9

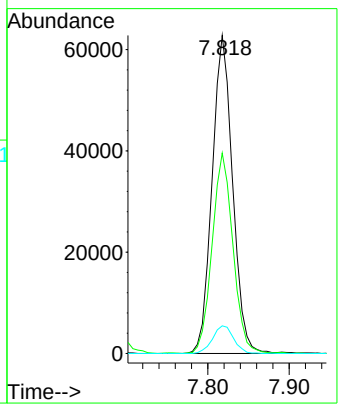




#47
Bromodichloromethane
Concen: 53.391 ug/l
RT: 7.818 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 83 Resp: 109954

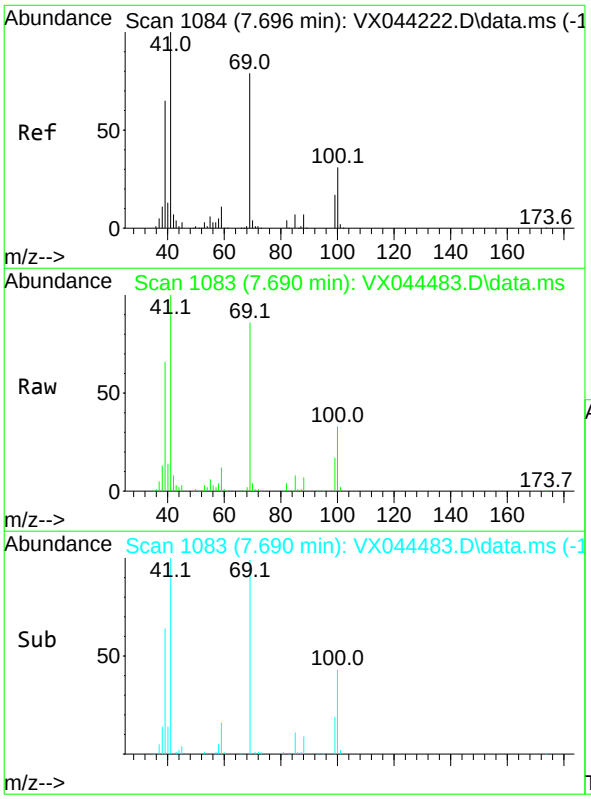
Ion	Ratio	Lower	Upper
83	100		
85	62.9	50.6	75.8
127	8.7	7.3	10.9



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations APPROVED

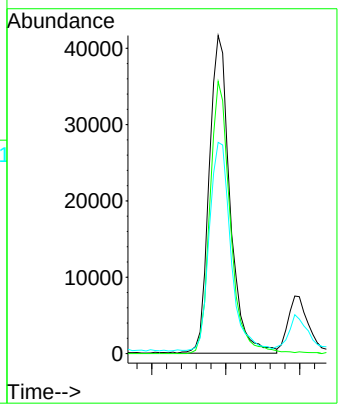
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

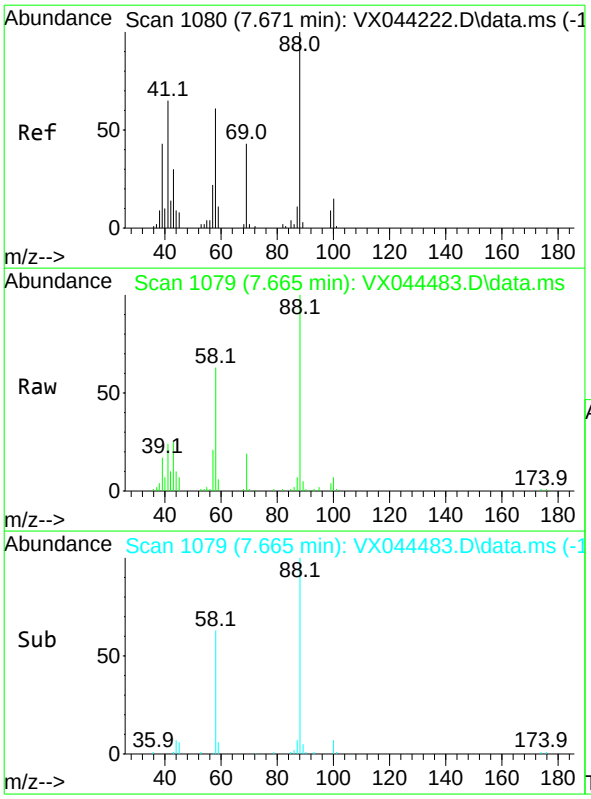


#48
Methyl methacrylate
Concen: 43.699 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 41 Resp: 81210

Ion	Ratio	Lower	Upper
41	100		
69	83.3	62.4	93.6
39	67.7	53.3	79.9





#49
1,4-Dioxane
Concen: 825.171 ug/l
RT: 7.665 min Scan# 10
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

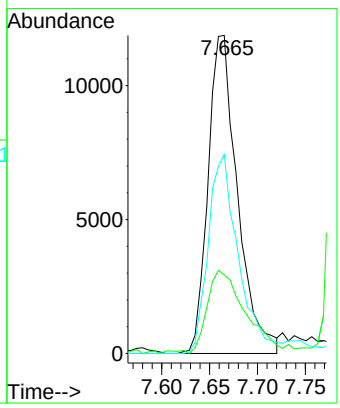
Tgt Ion: 88 Resp: 25425

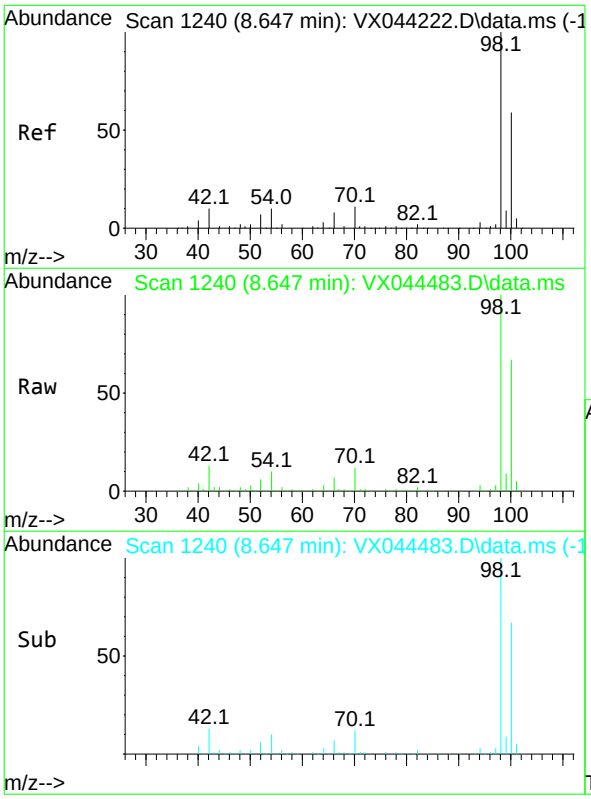
Ion	Ratio	Lower	Upper
88	100		
43	33.6	27.1	40.7
58	64.3	41.0	61.4#

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

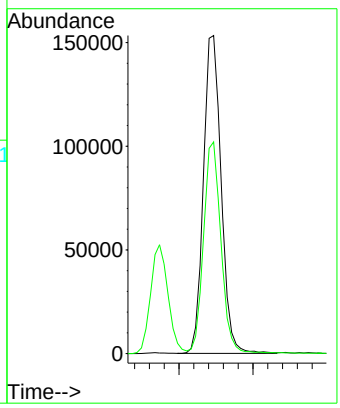


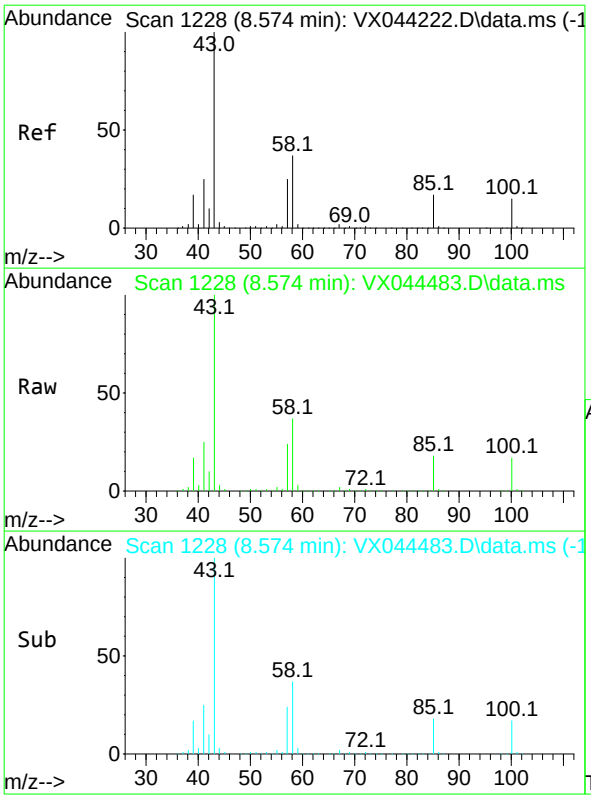


#50
Toluene-d8
Concen: 49.354 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 98 Resp: 255246

Ion	Ratio	Lower	Upper
98	100		
100	66.0	51.5	77.3

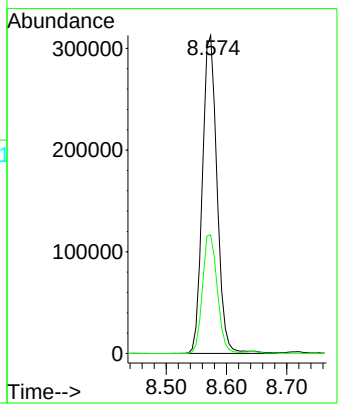




#51
4-Methyl-2-Pentanone
Concen: 213.645 ug/l
RT: 8.574 min Scan# 12
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 43 Resp: 525905

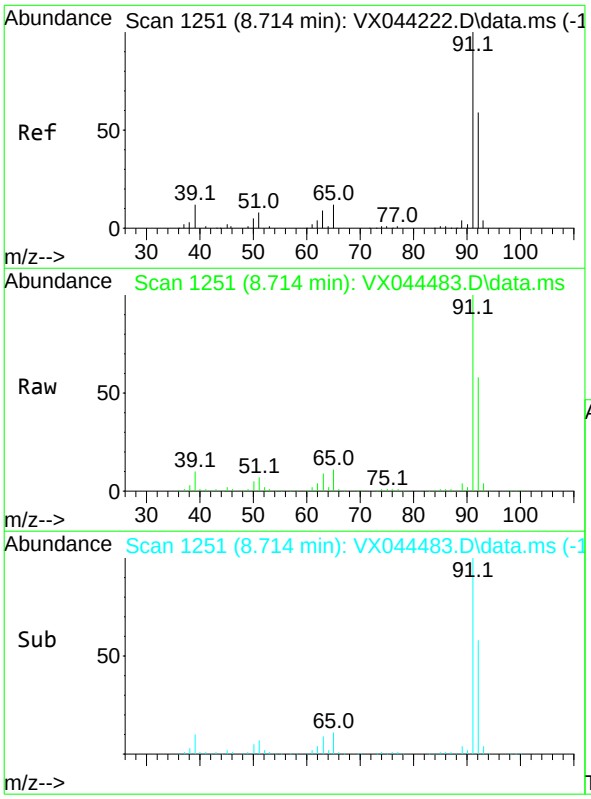
Ion	Ratio	Lower	Upper
43	100		
58	37.9	29.4	44.0



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

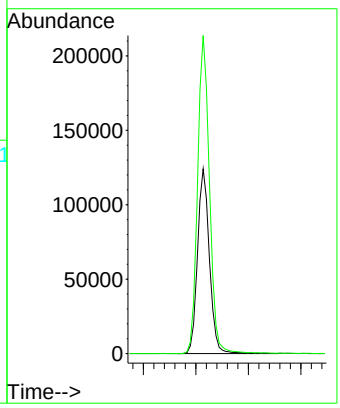
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

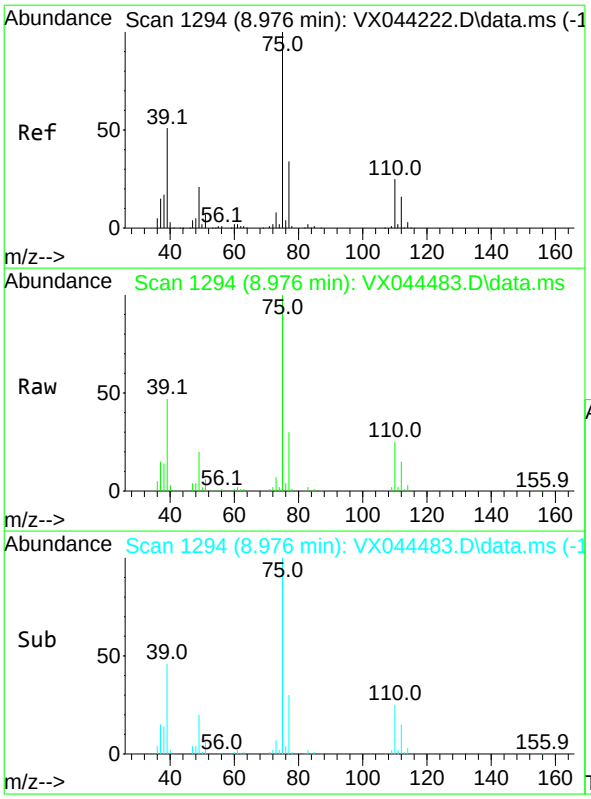


#52
Toluene
Concen: 51.577 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 92 Resp: 194861

Ion	Ratio	Lower	Upper
92	100		
91	172.8	137.0	205.6

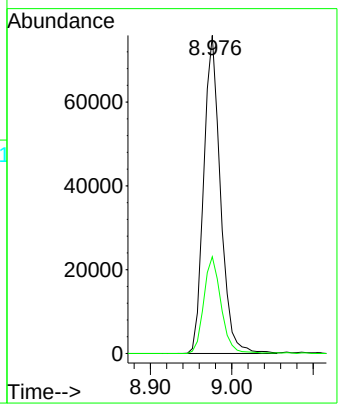




#53
t-1,3-Dichloropropene
Concen: 49.124 ug/l
RT: 8.976 min Scan# 12
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 75 Resp: 108457

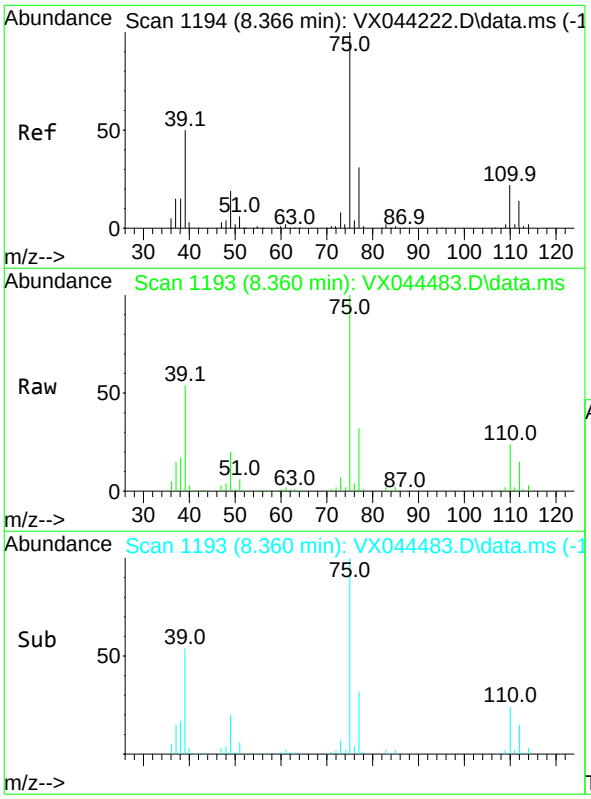
Ion	Ratio	Lower	Upper
75	100		
77	30.4	27.2	40.8



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

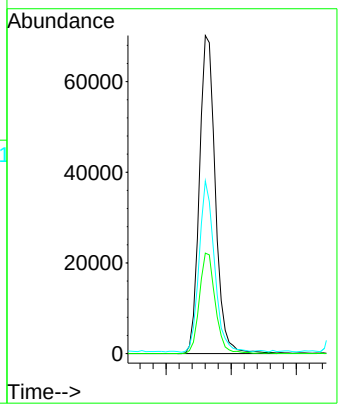
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

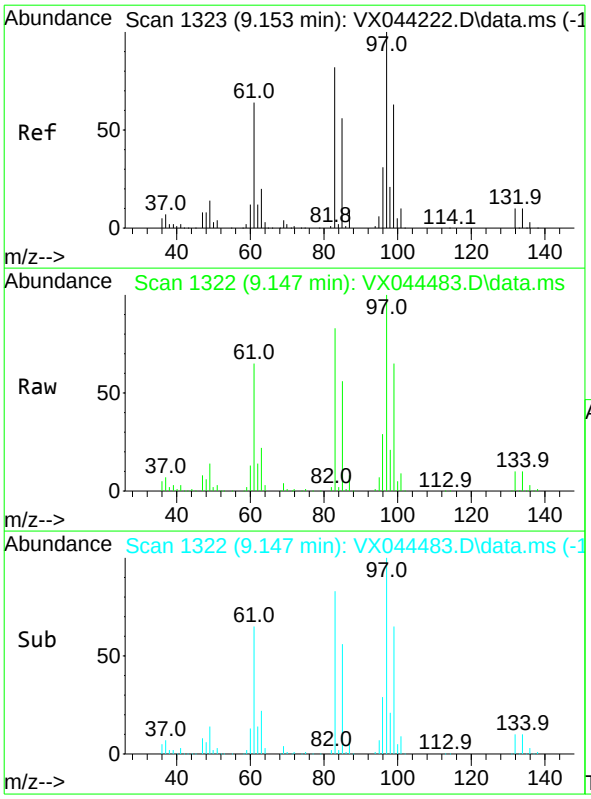


#54
cis-1,3-Dichloropropene
Concen: 53.318 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 75 Resp: 119559

Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.7	37.1
39	53.7	40.3	60.5

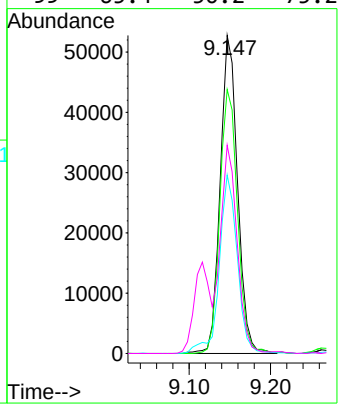




#55
1,1,2-Trichloroethane
Concen: 52.130 ug/l
RT: 9.147 min Scan# 13
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 97 Resp: 78243

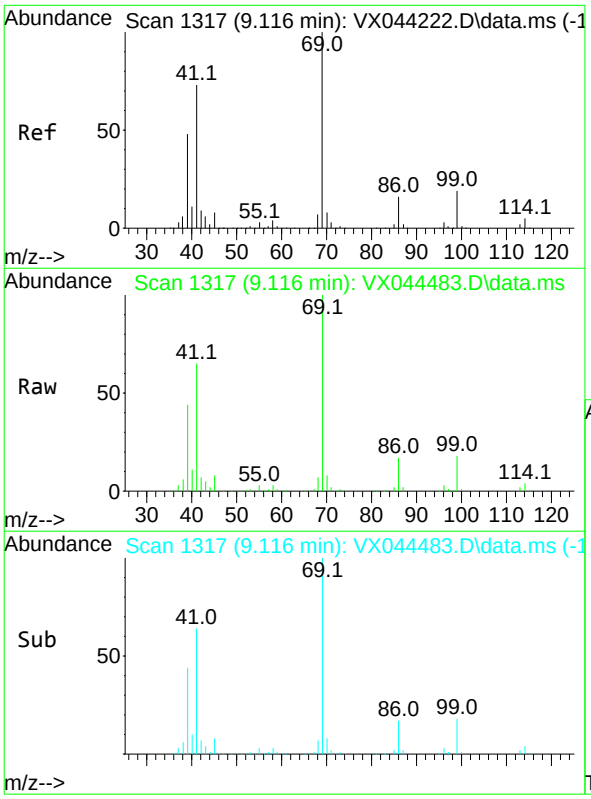
Ion	Ratio	Lower	Upper
97	100		
83	83.0	65.3	97.9
85	56.1	44.6	67.0
99	65.4	50.2	75.2



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

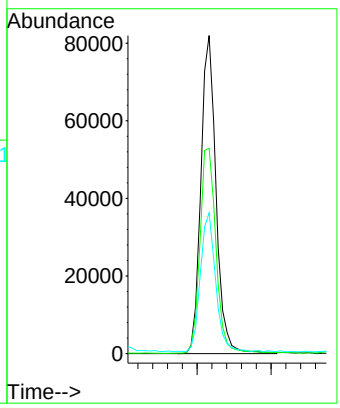
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

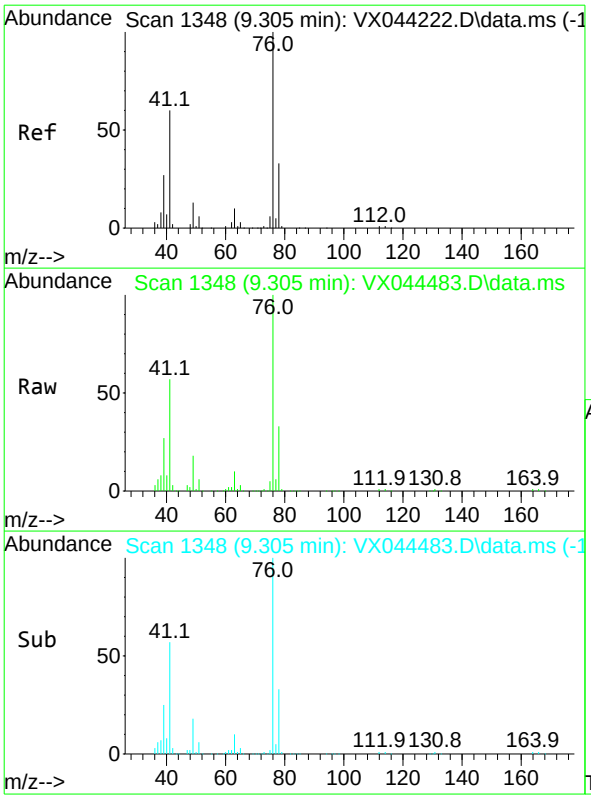


#56
Ethyl methacrylate
Concen: 49.294 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 69 Resp: 116799

Ion	Ratio	Lower	Upper
69	100		
41	68.3	56.6	85.0
39	43.5	37.4	56.0

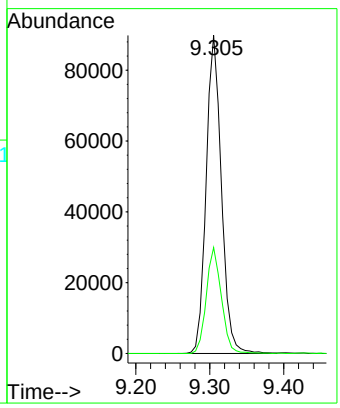




#57
1,3-Dichloropropane
Concen: 49.115 ug/l
RT: 9.305 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 76 Resp: 128311

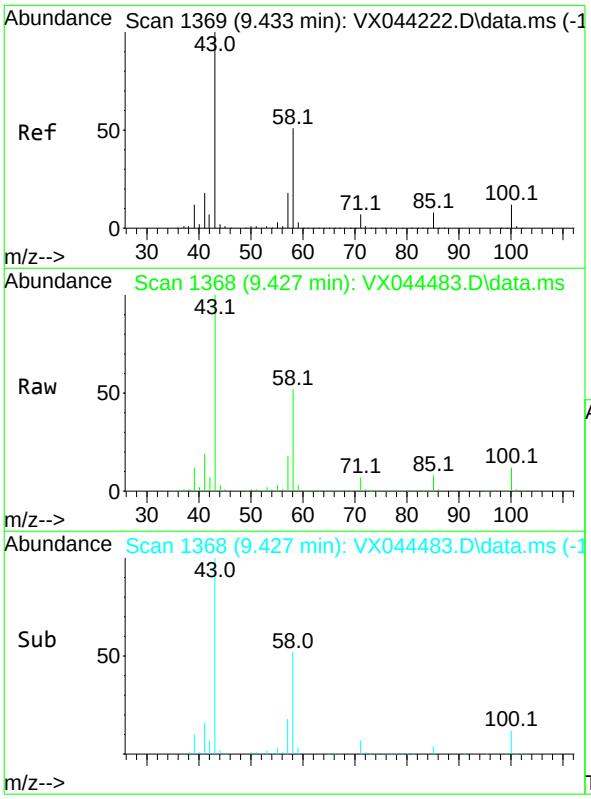
Ion	Ratio	Lower	Upper
76	100		
78	33.0	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

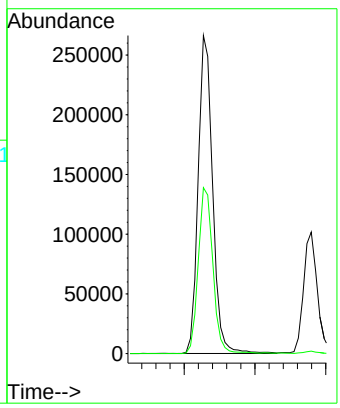
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

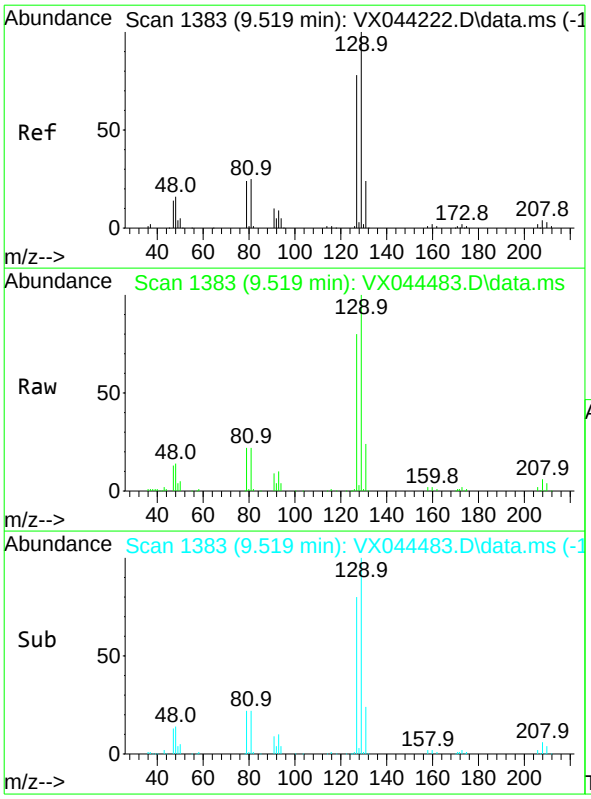


#59
2-Hexanone
Concen: 212.029 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 43 Resp: 377783

Ion	Ratio	Lower	Upper
43	100		
58	52.8	25.7	77.0

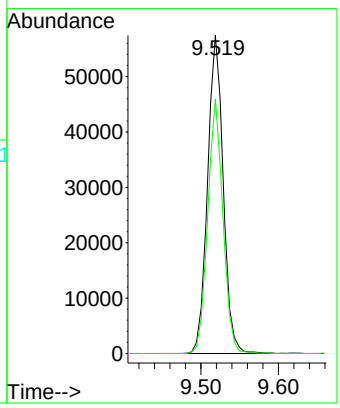




#60
Dibromochloromethane
Concen: 50.610 ug/l
RT: 9.519 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:129 Resp: 80512

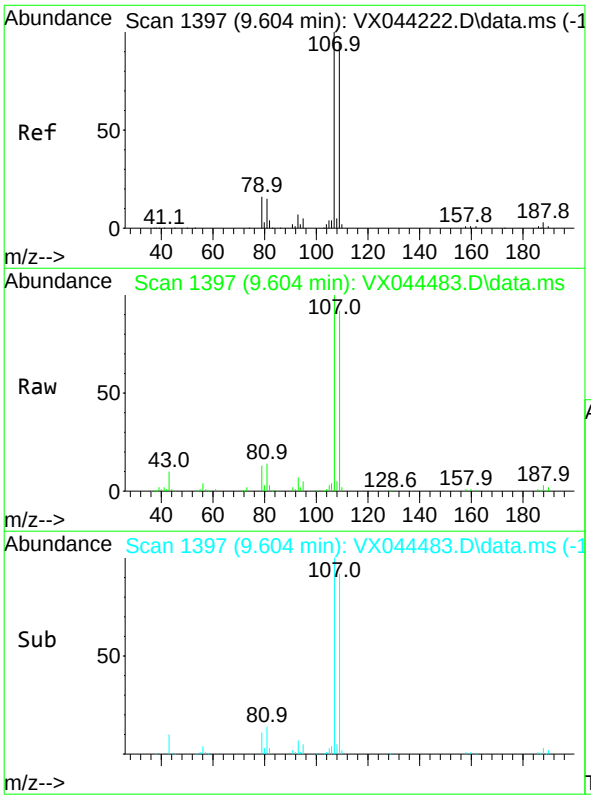
Ion	Ratio	Lower	Upper
129	100		
127	78.0	38.5	115.3



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations APPROVED

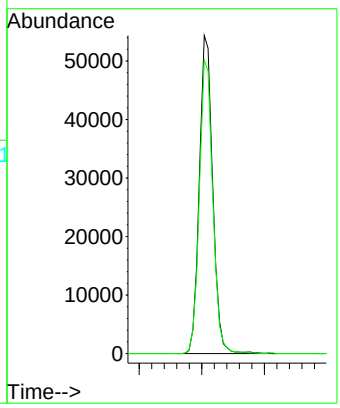
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

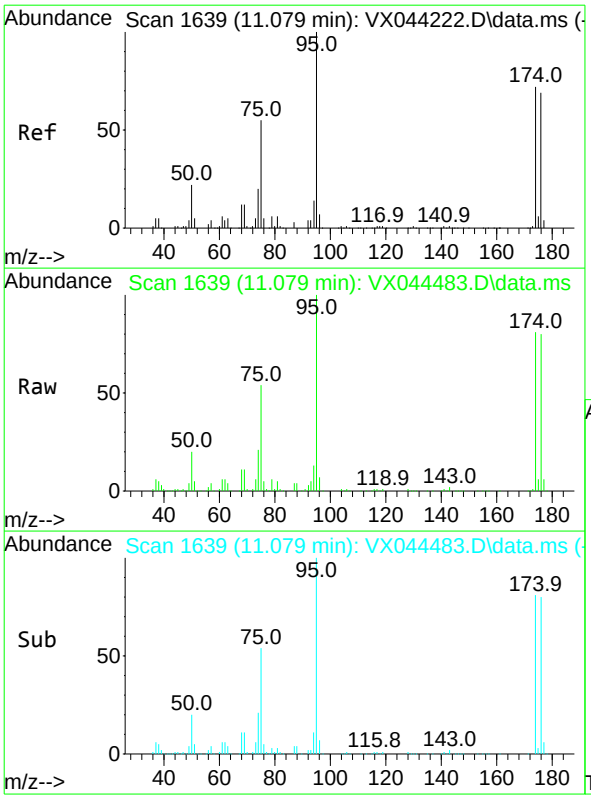


#61
1,2-Dibromoethane
Concen: 52.674 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:107 Resp: 80473

Ion	Ratio	Lower	Upper
107	100		
109	92.9	77.0	115.4

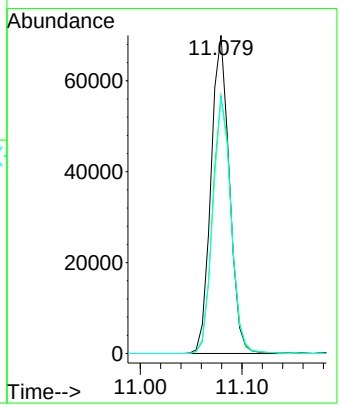




#62
4-Bromofluorobenzene
Concen: 48.724 ug/l
RT: 11.079 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 95 Resp: 88050

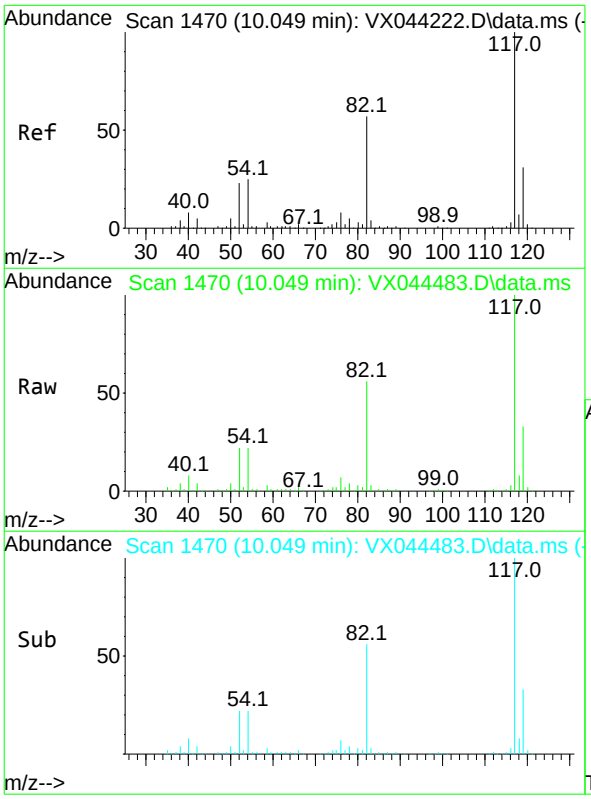
Ion	Ratio	Lower	Upper
95	100		
174	81.4	0.0	145.8
176	80.3	0.0	137.8



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

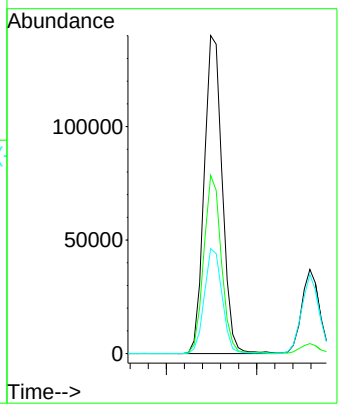
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

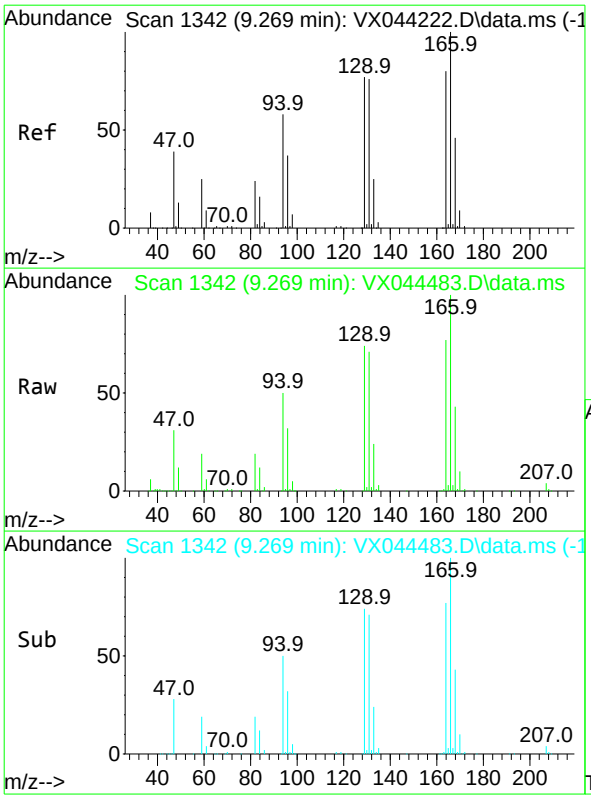


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:117 Resp: 194386

Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.8	68.8
119	33.0	25.0	37.4

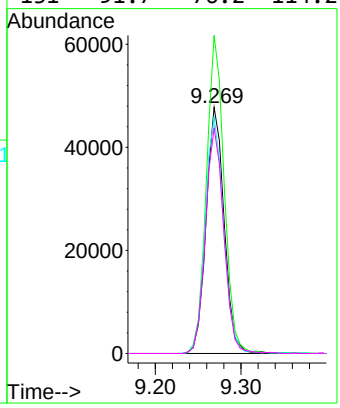




#64
Tetrachloroethene
Concen: 54.079 ug/l
RT: 9.269 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:164 Resp: 69771

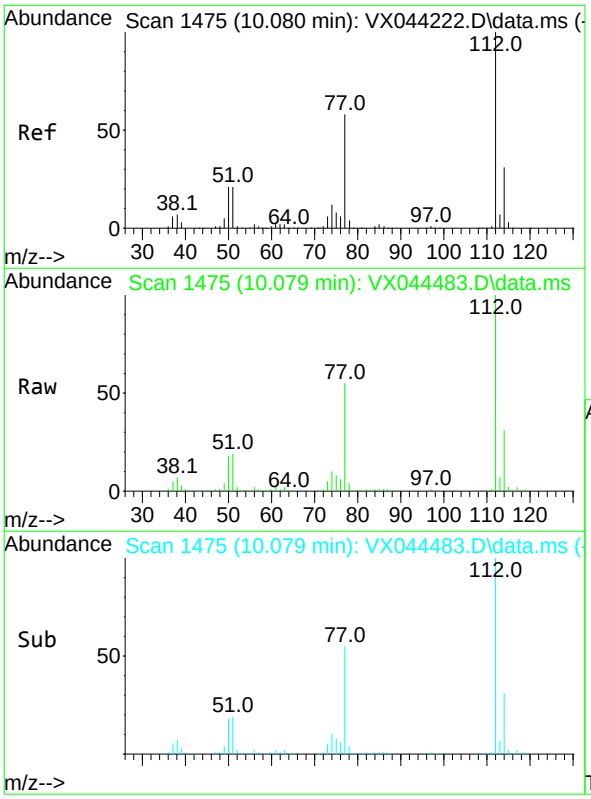
Ion	Ratio	Lower	Upper
164	100		
166	129.3	100.4	150.6
129	95.9	77.2	115.8
131	91.7	76.2	114.2



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

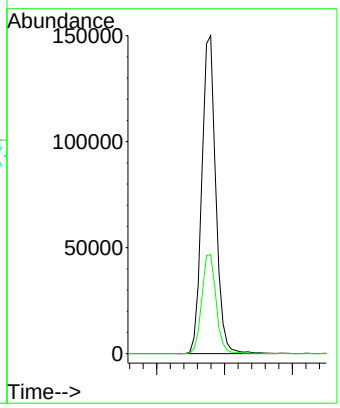
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

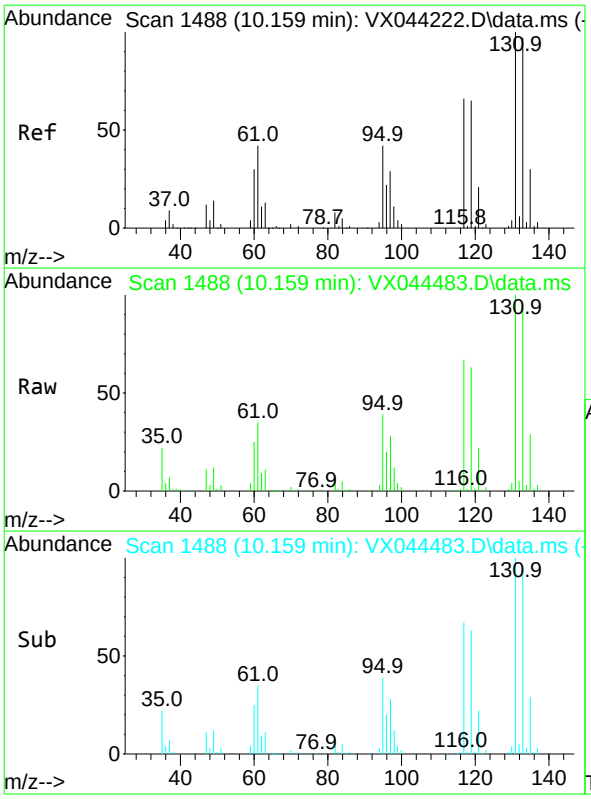


#65
Chlorobenzene
Concen: 51.344 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:112 Resp: 213861

Ion	Ratio	Lower	Upper
112	100		
114	31.1	25.0	37.6

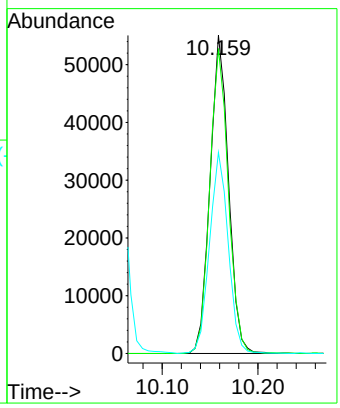




#66
1,1,1,2-Tetrachloroethane
Concen: 55.034 ug/l
RT: 10.159 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:131 Resp: 73672

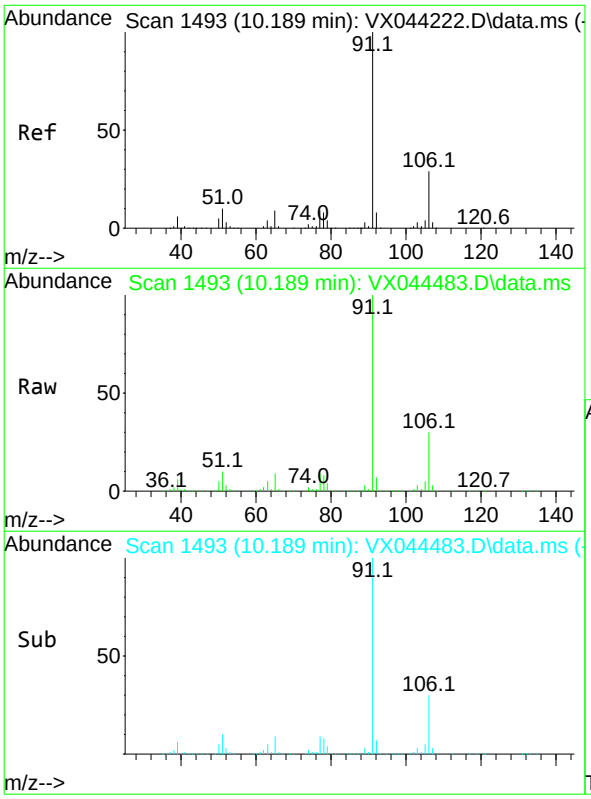
Ion	Ratio	Lower	Upper
131	100		
133	96.4	47.3	141.8
119	64.1	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

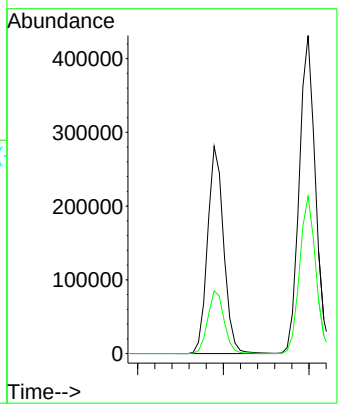
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

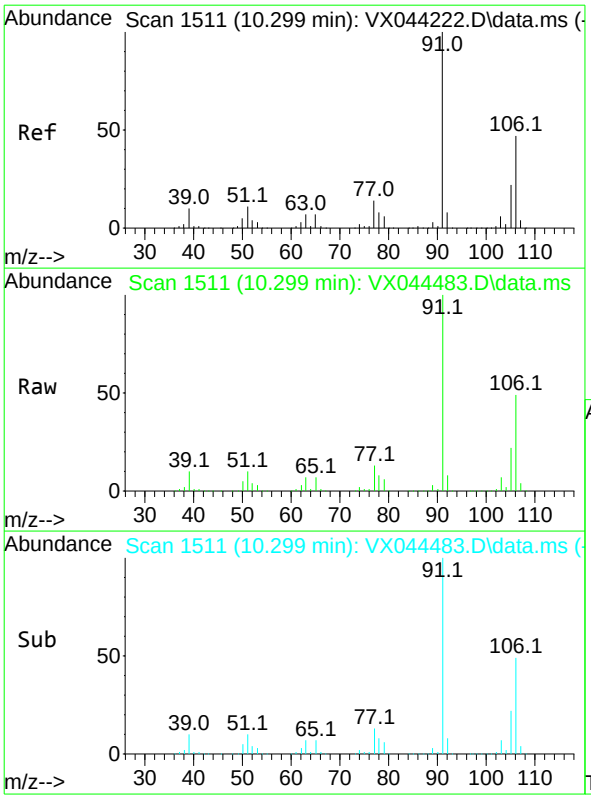


#67
Ethyl Benzene
Concen: 51.010 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 91 Resp: 367112

Ion	Ratio	Lower	Upper
91	100		
106	30.4	23.5	35.3

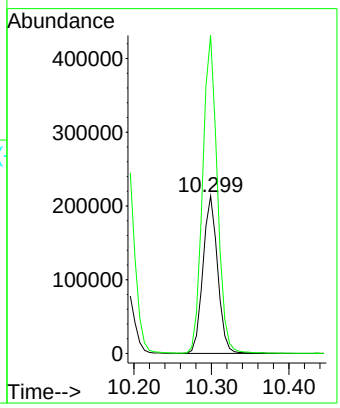




#68
m/p-Xylenes
Concen: 106.061 ug/l
RT: 10.299 min Scan# 15
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:106 Resp: 280090

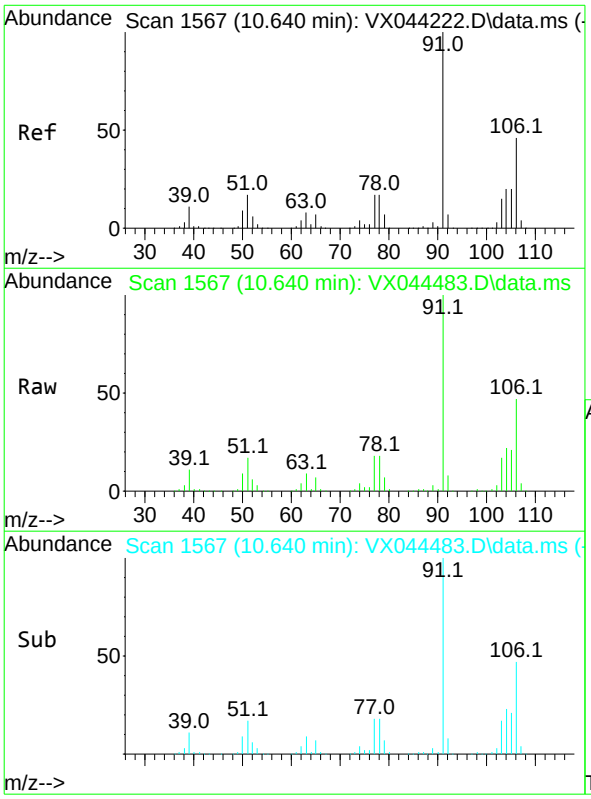
Ion	Ratio	Lower	Upper
106	100		
91	203.2	170.2	255.2



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

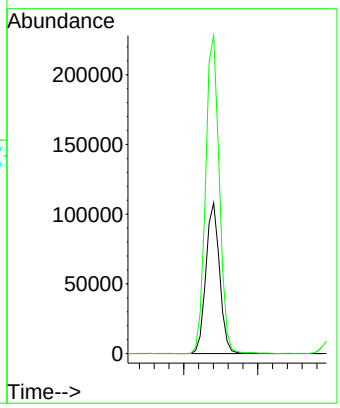
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

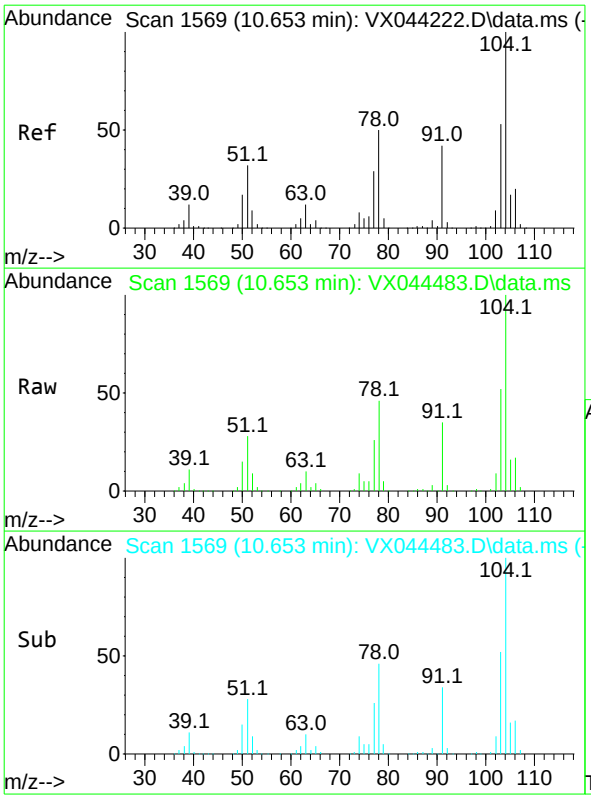


#69
o-Xylene
Concen: 52.012 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:106 Resp: 138976

Ion	Ratio	Lower	Upper
106	100		
91	211.8	112.3	337.0

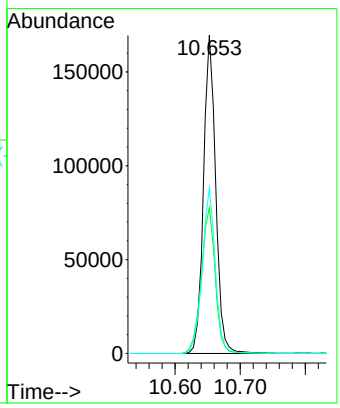




#70
Styrene
Concen: 51.623 ug/l
RT: 10.653 min Scan# 15
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:104 Resp: 221123

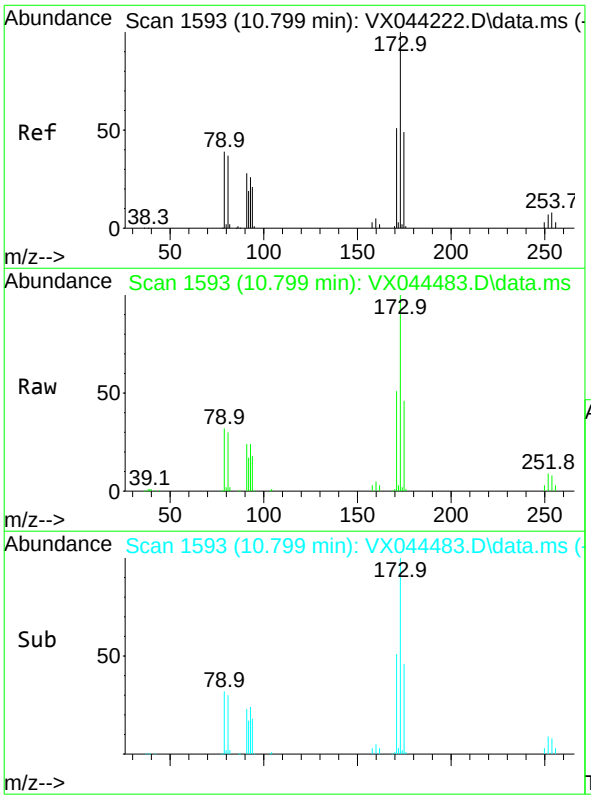
Ion	Ratio	Lower	Upper
104	100		
78	52.1	44.6	67.0
103	55.9	45.4	68.0



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

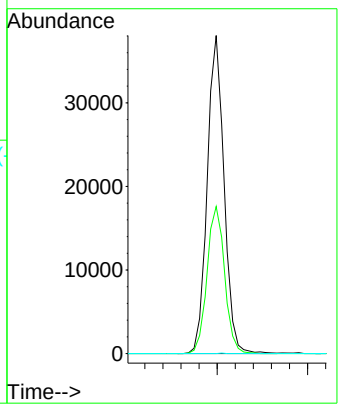
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

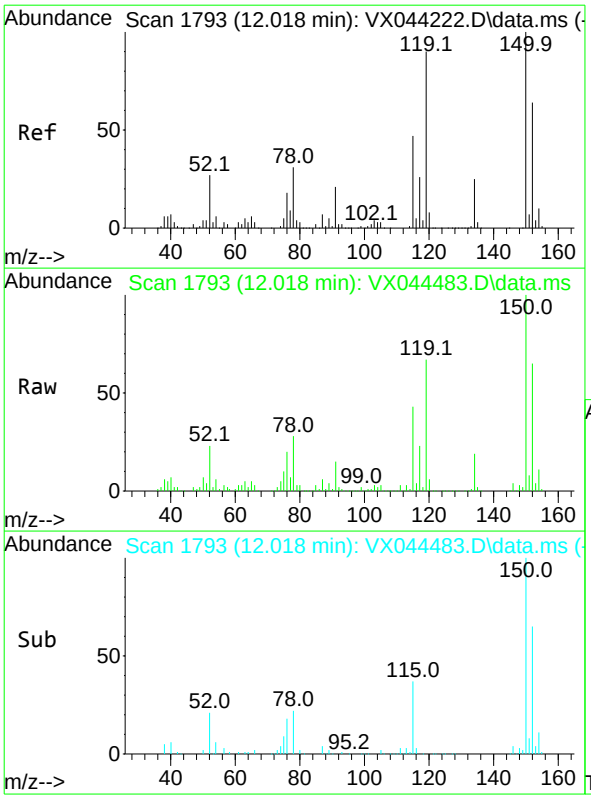


#71
Bromoform
Concen: 52.302 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:173 Resp: 49218

Ion	Ratio	Lower	Upper
173	100		
175	48.3	23.8	71.4
254	0.0	0.0	0.0#

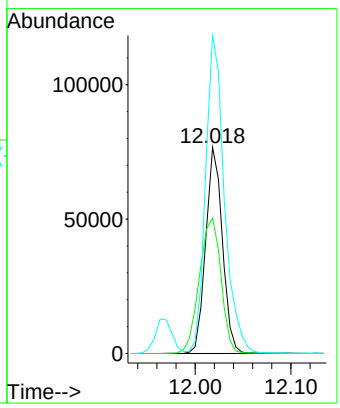




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:152 Resp: 93024

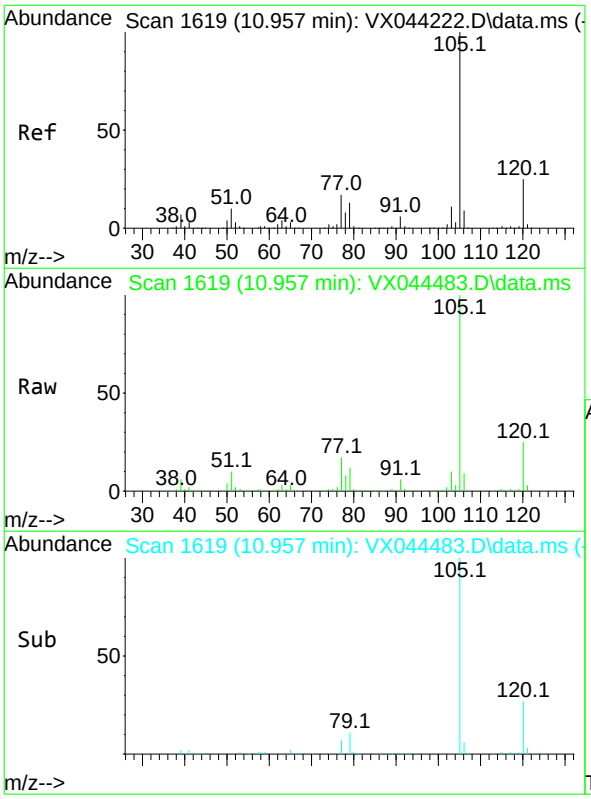
Ion	Ratio	Lower	Upper
152	100		
115	84.9	44.5	133.3
150	173.4	0.0	353.8



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

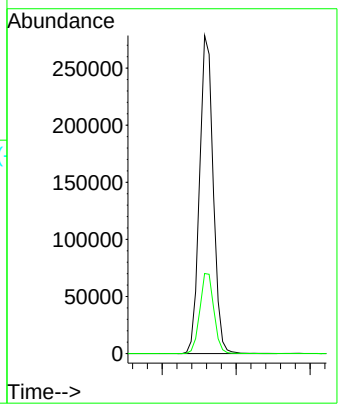
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

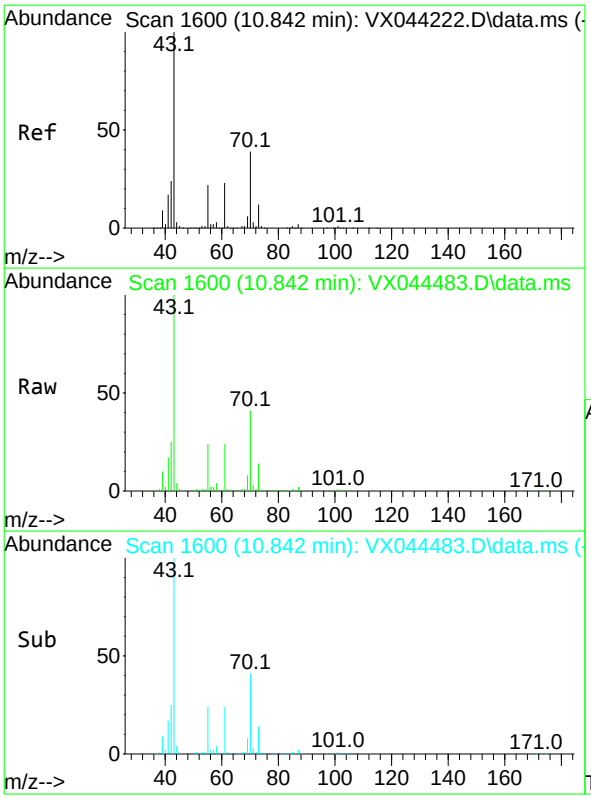


#73
Isopropylbenzene
Concen: 50.176 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:105 Resp: 357321

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.1	39.3

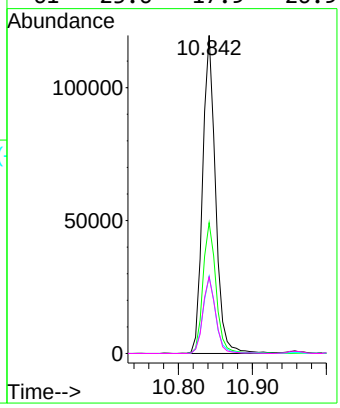




#74
N-amyl acetate
Concen: 44.058 ug/l
RT: 10.842 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 43 Resp: 145004

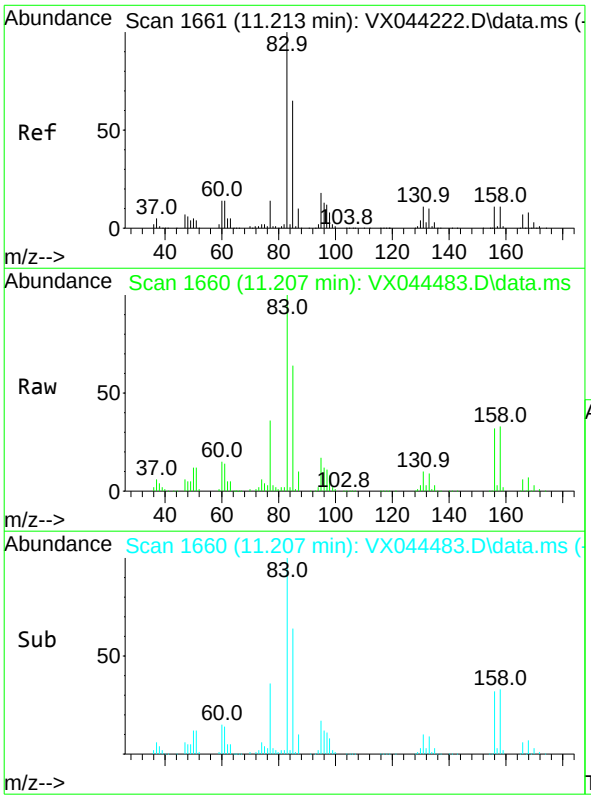
Ion	Ratio	Lower	Upper
43	100		
70	41.7	31.9	47.9
55	24.2	17.9	26.9
61	23.6	17.9	26.9



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

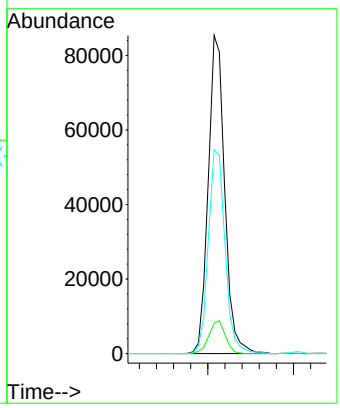
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

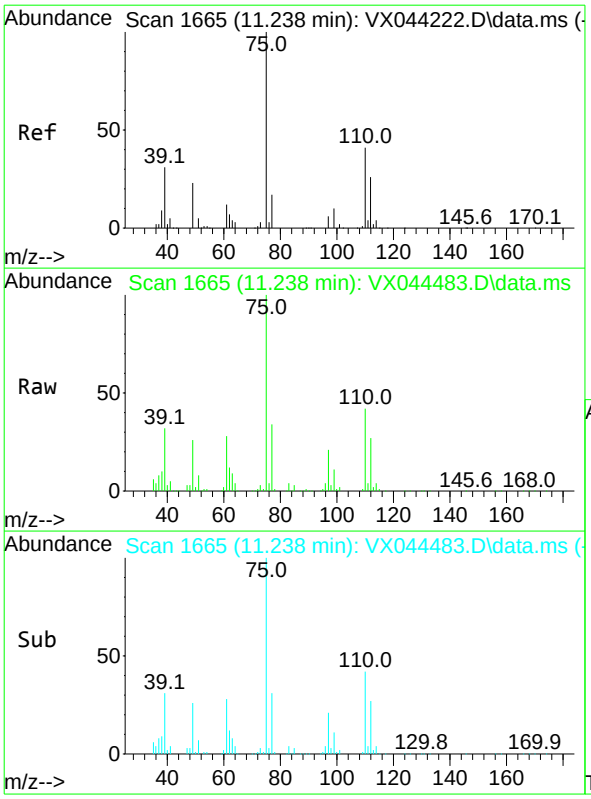


#75
1,1,2,2-Tetrachloroethane
Concen: 46.050 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 83 Resp: 113904

Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.1	15.4
85	65.2	32.5	97.4





#76
1,2,3-Trichloropropane
Concen: 44.986 ug/l m
RT: 11.238 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

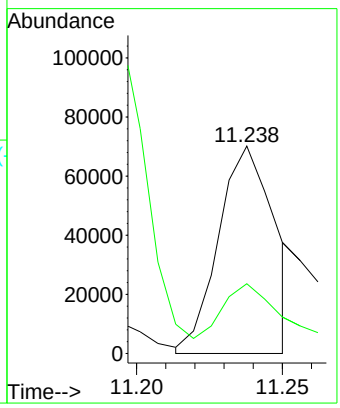
Tgt Ion: 75 Resp: 93435

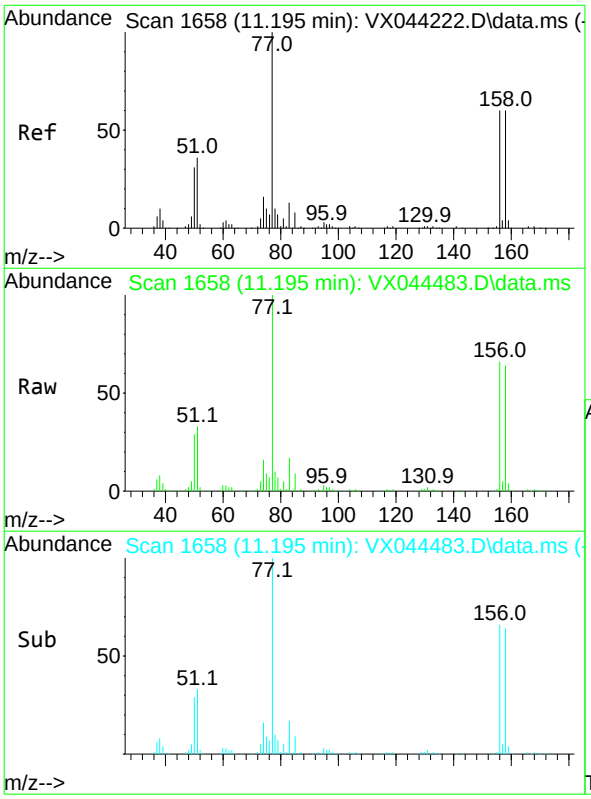
Ion	Ratio	Lower	Upper
75	100		
77	40.9	20.9	62.7

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

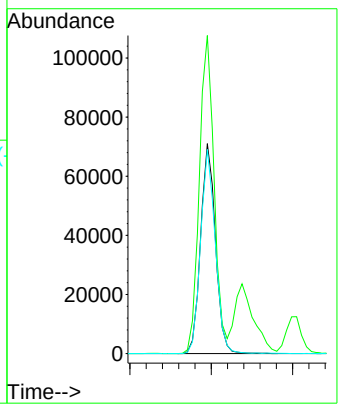


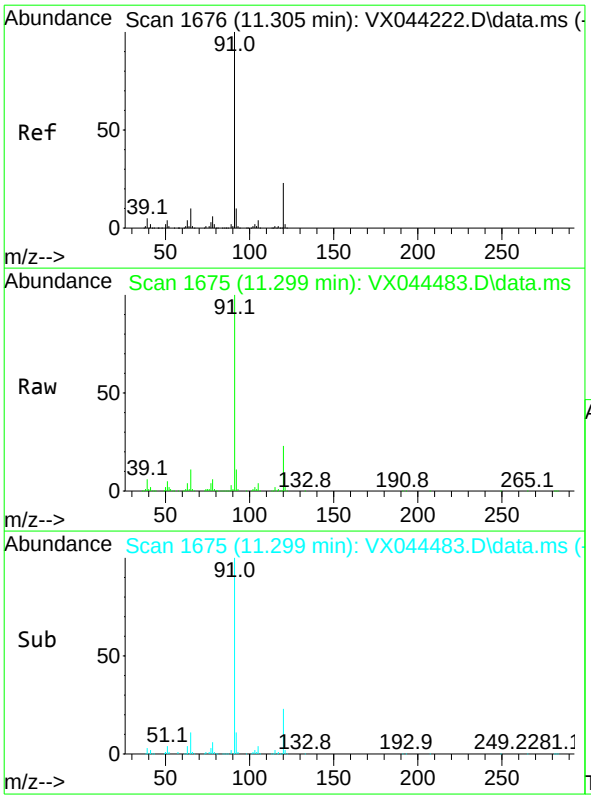


#77
Bromobenzene
Concen: 51.802 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:156 Resp: 89457

Ion	Ratio	Lower	Upper
156	100		
77	151.8	82.6	247.8
158	96.6	48.8	146.4

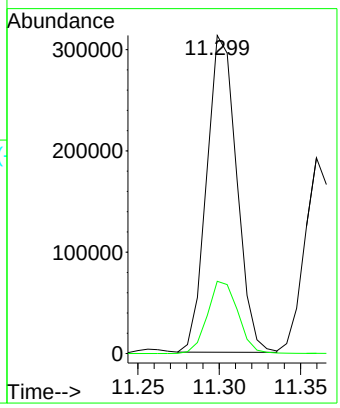




#78
n-propylbenzene
Concen: 50.908 ug/l
RT: 11.299 min Scan# 16
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 91 Resp: 400697

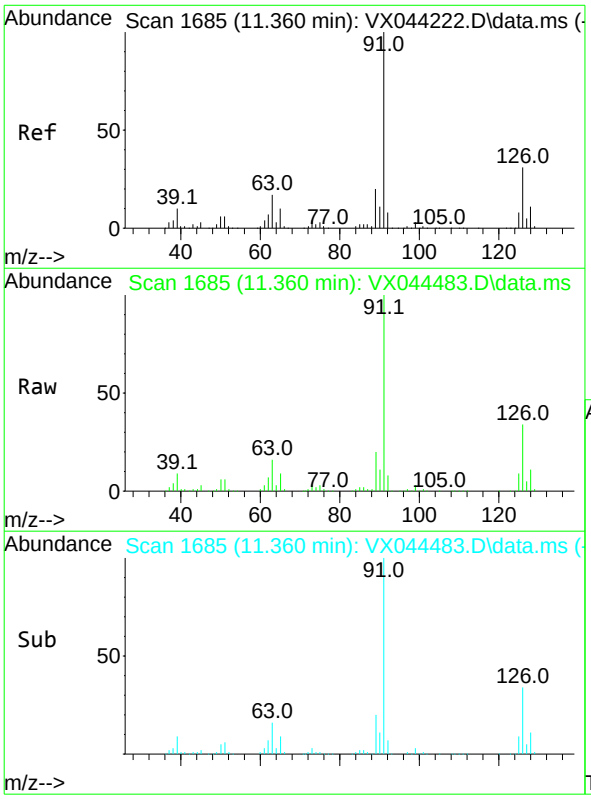
Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

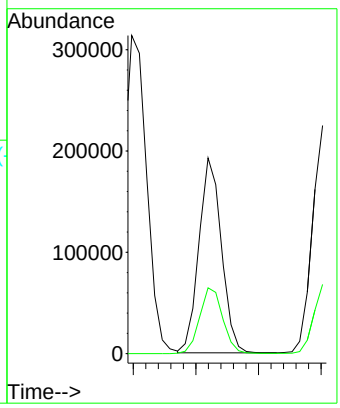
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

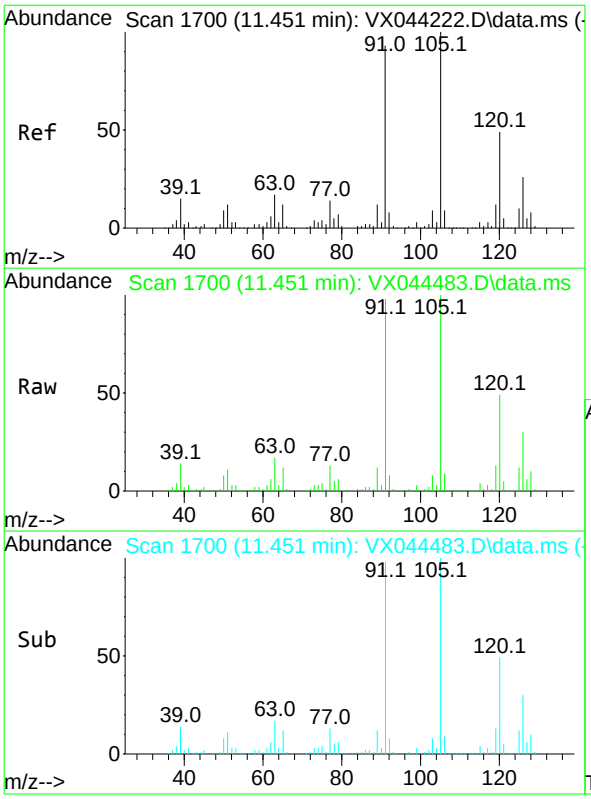


#79
2-Chlorotoluene
Concen: 47.251 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 91 Resp: 240524

Ion	Ratio	Lower	Upper
91	100		
126	34.7	16.4	49.1

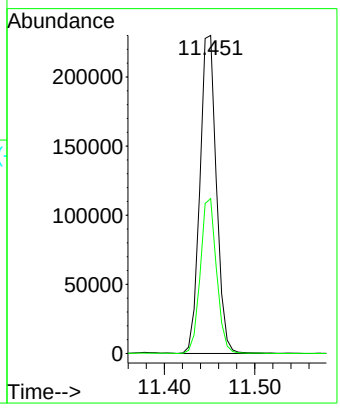




#80
1,3,5-Trimethylbenzene
Concen: 49.381 ug/l
RT: 11.451 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:105 Resp: 291627

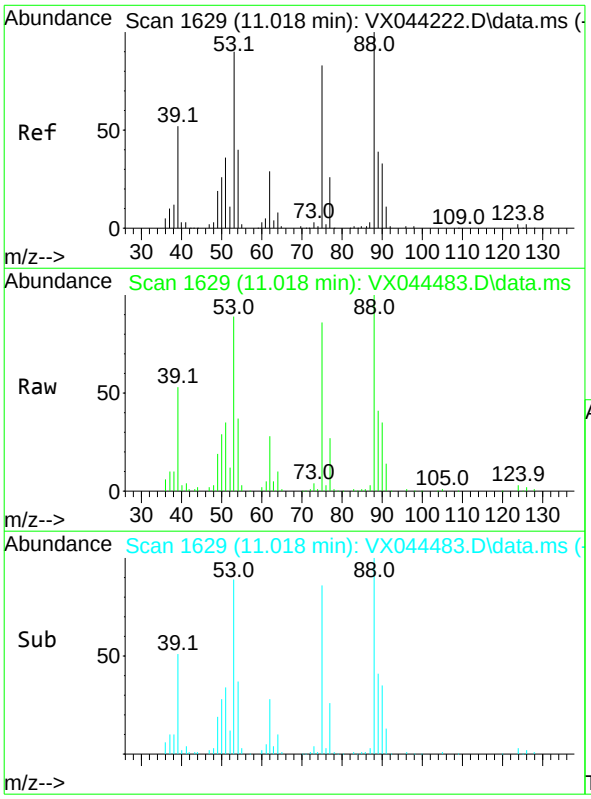
Ion	Ratio	Lower	Upper
105	100		
120	48.1	23.8	71.4



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
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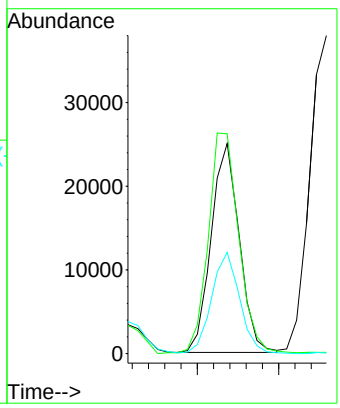
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

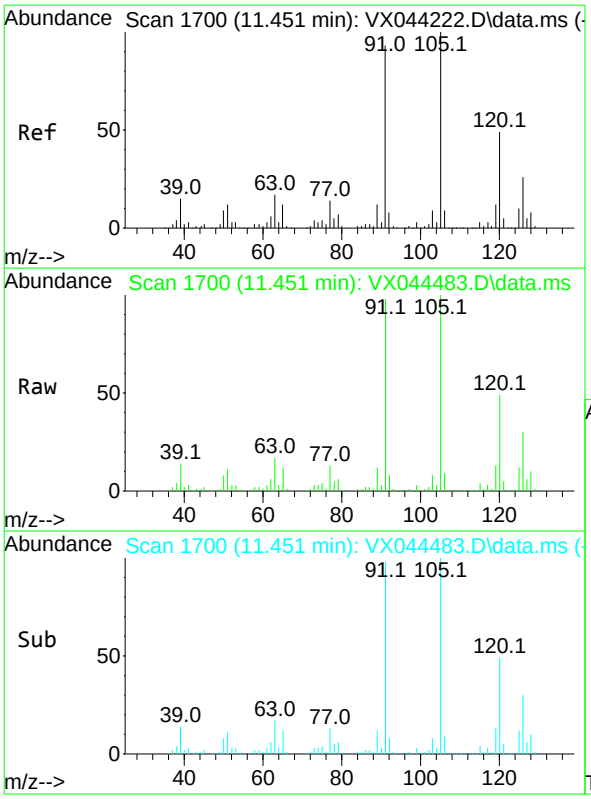


#81
trans-1,4-Dichloro-2-butene
Concen: 42.328 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 75 Resp: 29982

Ion	Ratio	Lower	Upper
75	100		
53	113.5	93.6	140.4
89	48.4	37.3	55.9

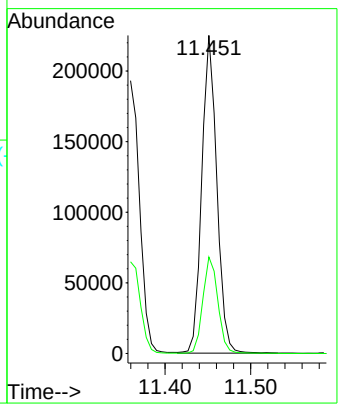




#82
4-Chlorotoluene
Concen: 48.552 ug/l
RT: 11.451 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 91 Resp: 273683

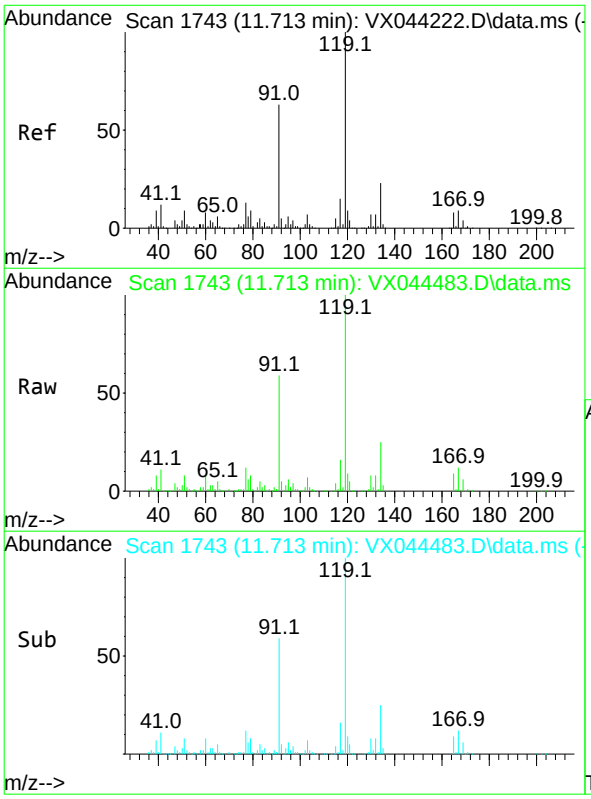
Ion	Ratio	Lower	Upper
91	100		
126	30.5	14.5	43.5



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

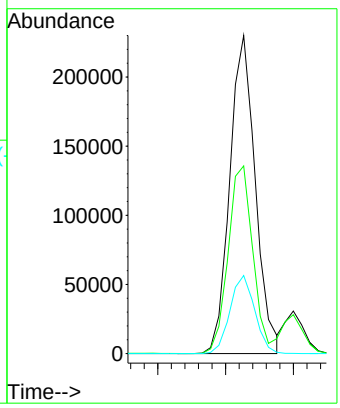
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

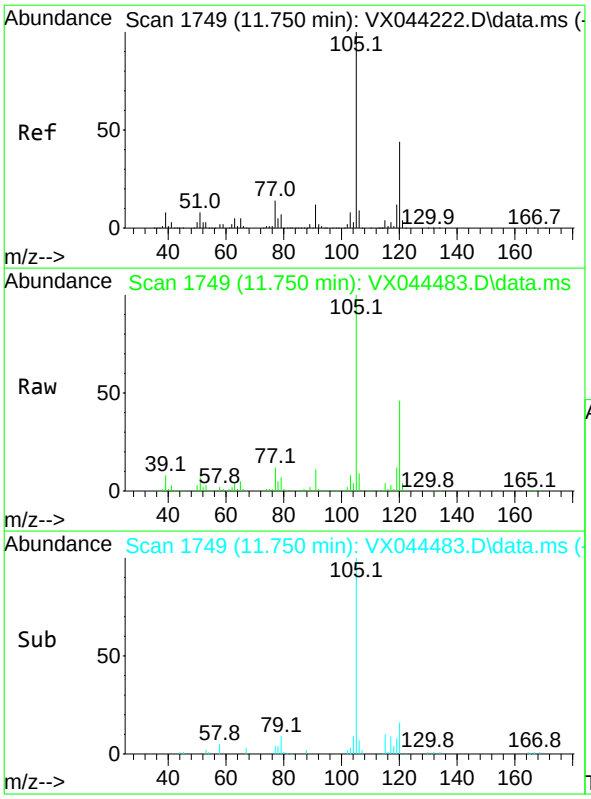


#83
tert-Butylbenzene
Concen: 51.575 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:119 Resp: 301012

Ion	Ratio	Lower	Upper
119	100		
91	56.7	30.9	92.5
134	23.8	11.5	34.4

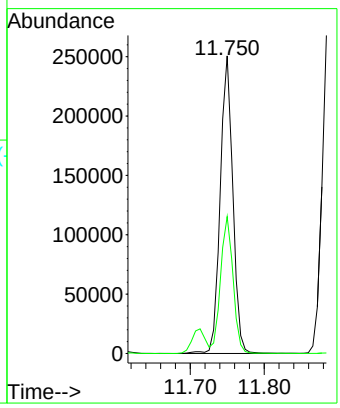




#84
1,2,4-Trimethylbenzene
Concen: 51.121 ug/l
RT: 11.750 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:105 Resp: 296491

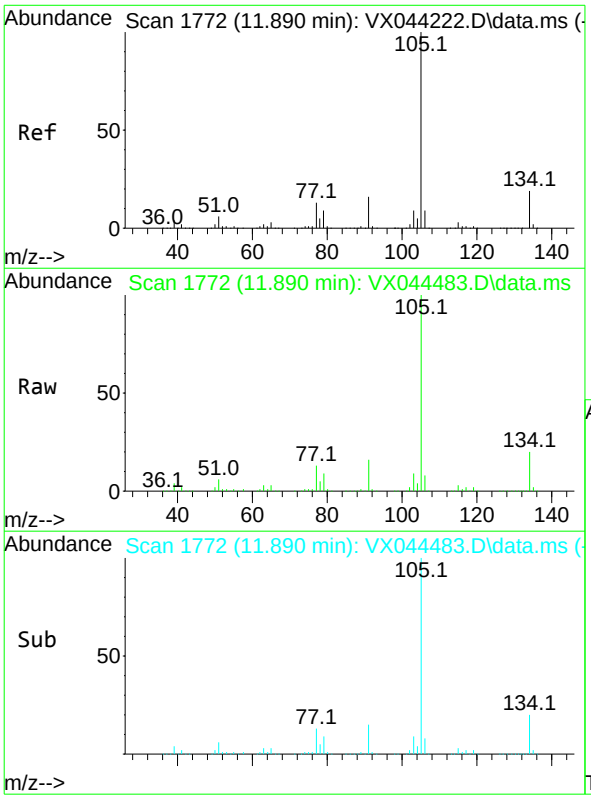
Ion	Ratio	Lower	Upper
105	100		
120	45.5	21.7	65.1



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations APPROVED

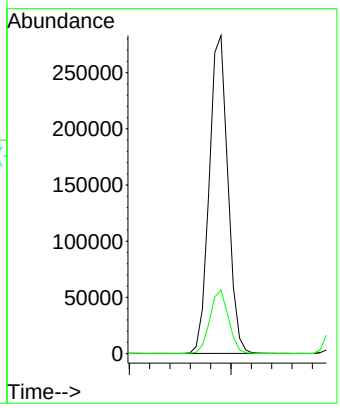
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

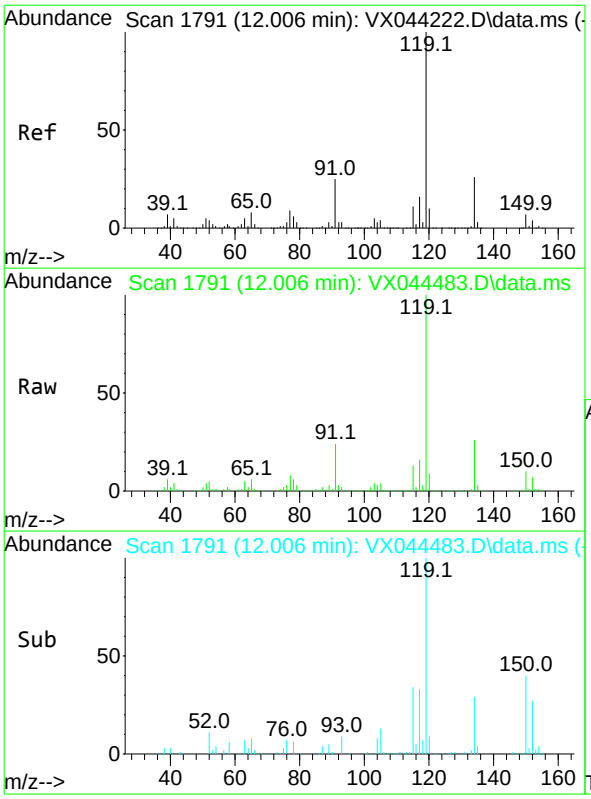


#85
sec-Butylbenzene
Concen: 50.755 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:105 Resp: 359614

Ion	Ratio	Lower	Upper
105	100		
134	20.1	9.8	29.4





#86
p-Isopropyltoluene
Concen: 51.228 ug/l
RT: 12.006 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

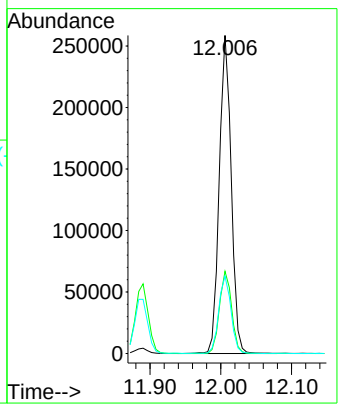
Tgt Ion:119 Resp: 302102

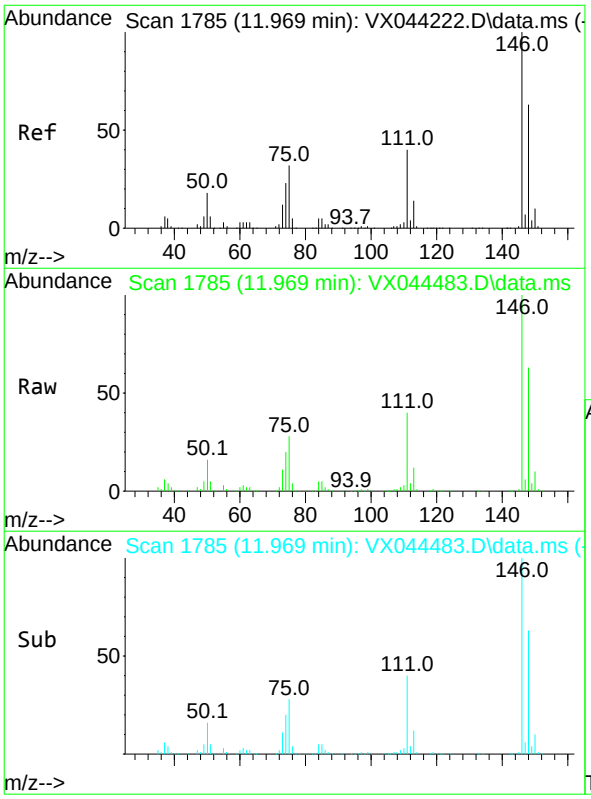
Ion	Ratio	Lower	Upper
119	100		
134	26.4	12.8	38.4
91	25.1	13.0	39.0

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
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Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

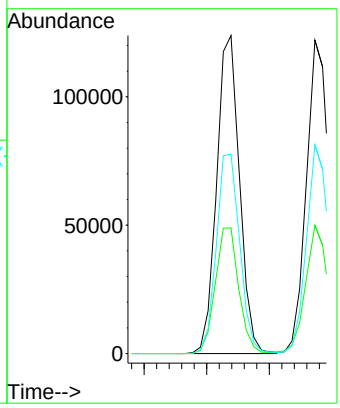


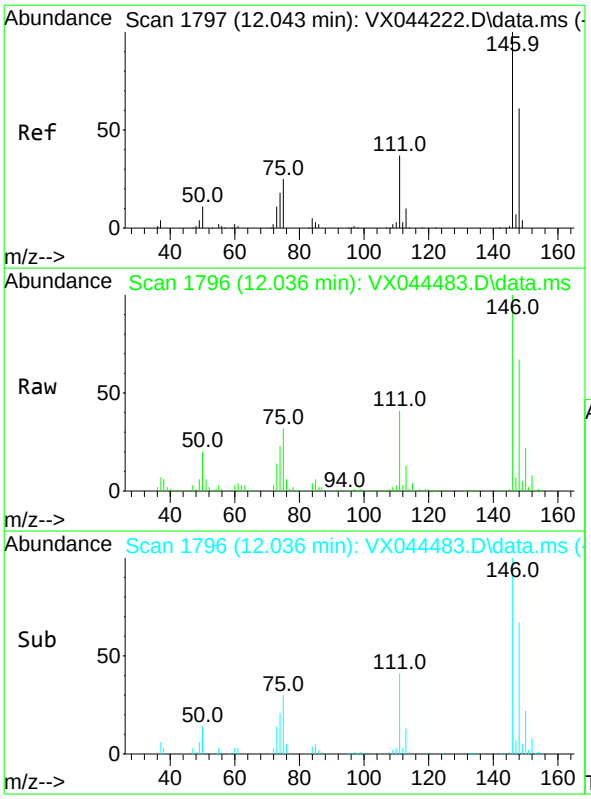


#87
1,3-Dichlorobenzene
Concen: 52.075 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:146 Resp: 157083

Ion	Ratio	Lower	Upper
146	100		
111	40.6	21.4	64.2
148	64.3	31.7	95.1

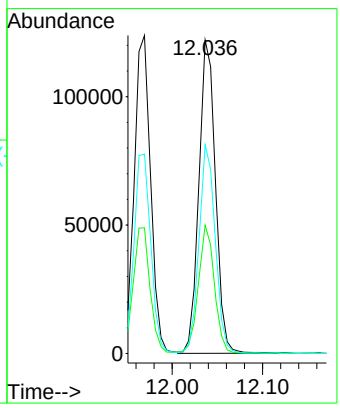




#88
1,4-Dichlorobenzene
Concen: 50.161 ug/l
RT: 12.036 min Scan# 17
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:146 Resp: 155542

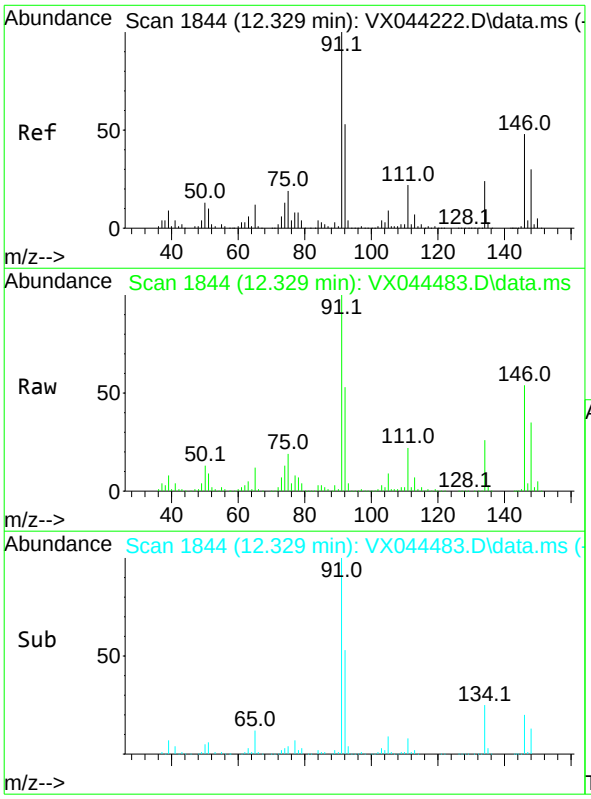
Ion	Ratio	Lower	Upper
146	100		
111	39.7	21.0	63.0
148	65.4	32.3	96.8



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

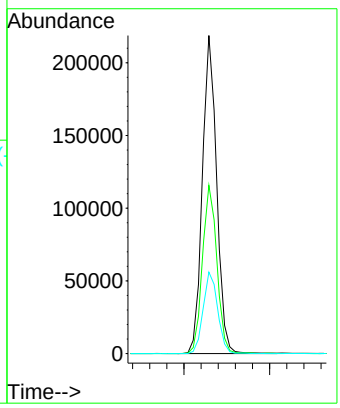
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

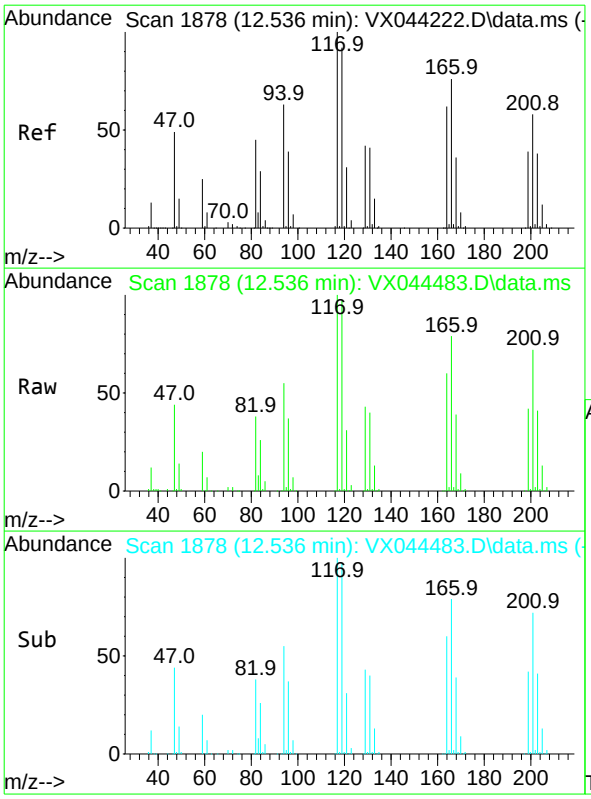


#89
n-Butylbenzene
Concen: 51.009 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 91 Resp: 252945

Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.6	79.7
134	26.1	12.6	37.8

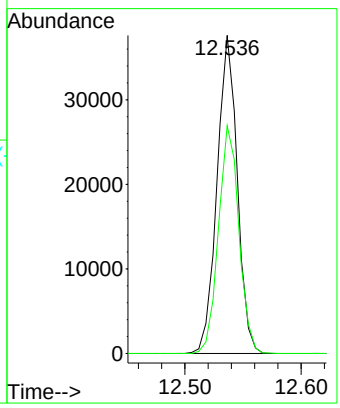




#90
Hexachloroethane
Concen: 52.780 ug/l
RT: 12.536 min Scan# 18
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:117 Resp: 45435

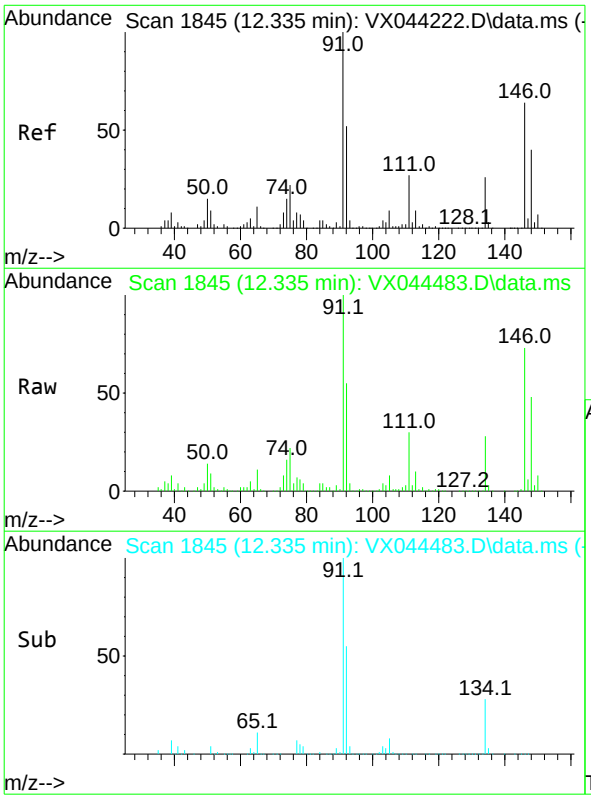
Ion	Ratio	Lower	Upper
117	100		
201	72.3	31.4	94.2



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

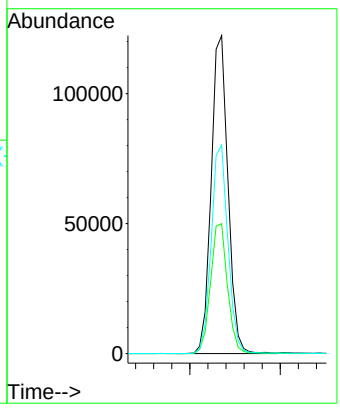
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

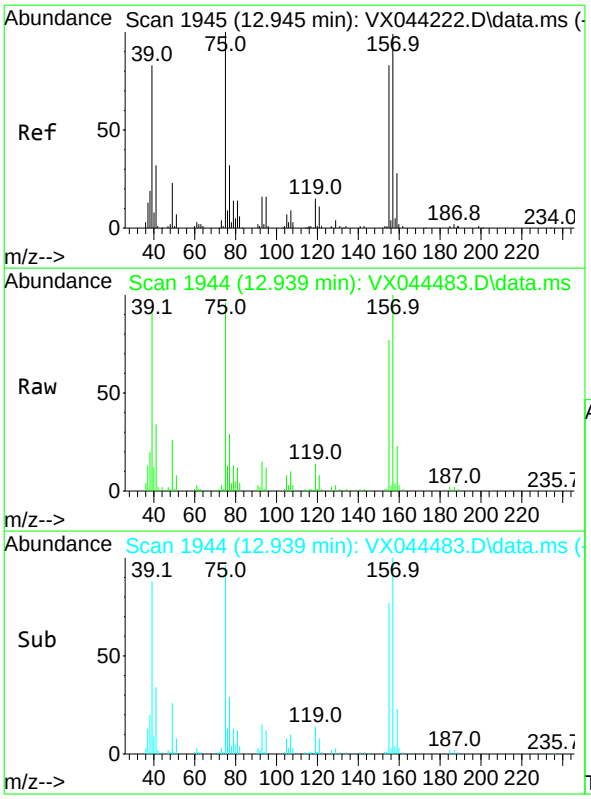


#91
1,2-Dichlorobenzene
Concen: 50.342 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:146 Resp: 157677

Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.4	64.3
148	65.7	31.6	95.0

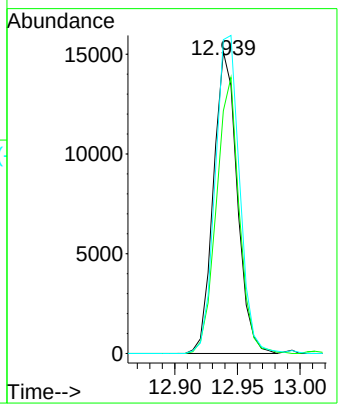




#92
1,2-Dibromo-3-Chloropropane
Concen: 41.588 ug/l
RT: 12.939 min Scan# 19
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 75 Resp: 19969

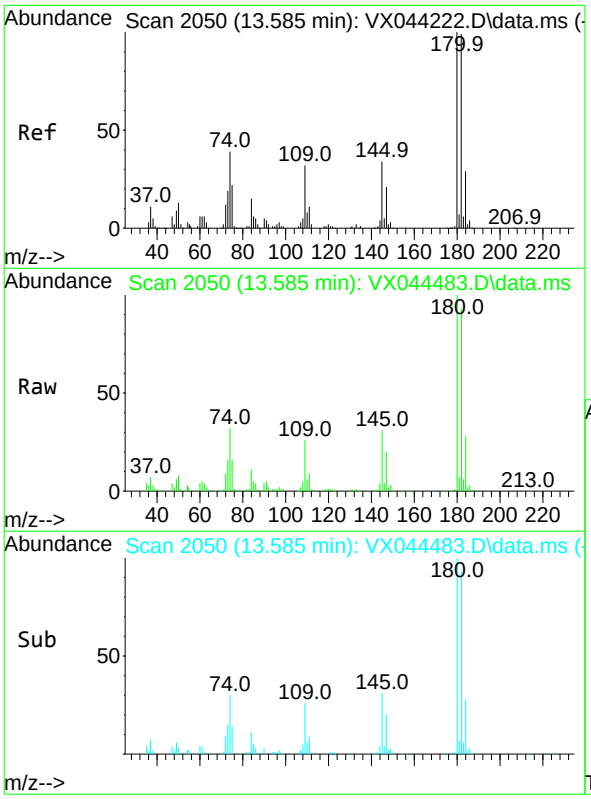
Ion	Ratio	Lower	Upper
75	100		
155	88.0	38.1	114.3
157	108.5	47.2	141.6



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
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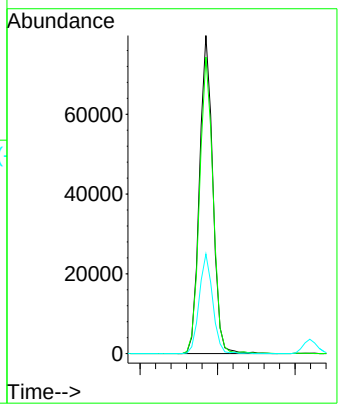
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

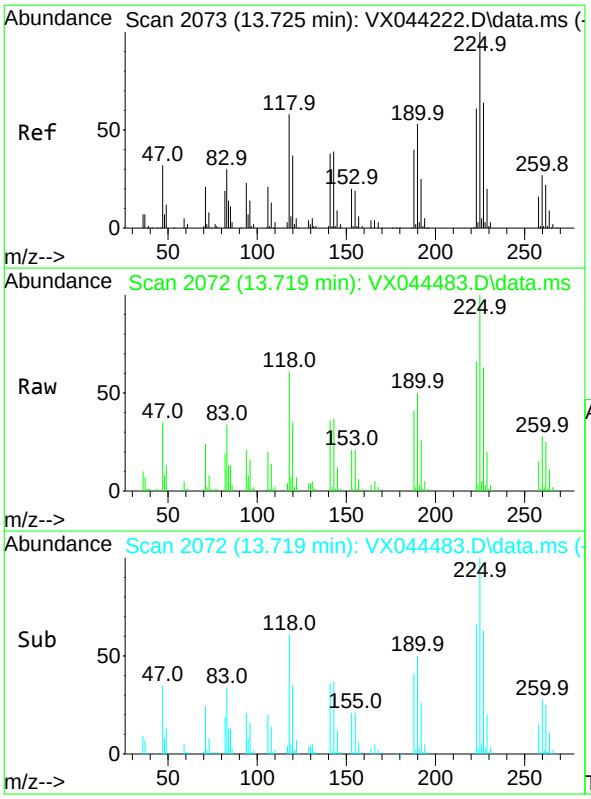


#93
1,2,4-Trichlorobenzene
Concen: 55.173 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:180 Resp: 94741

Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.0	144.2
145	31.7	16.6	49.7

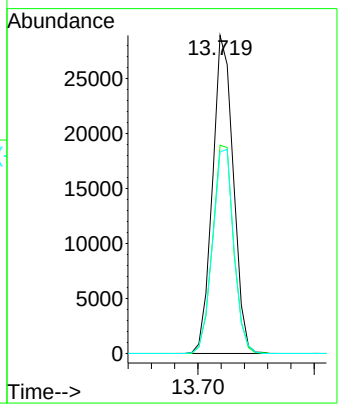




#94
Hexachlorobutadiene
Concen: 51.906 ug/l
RT: 13.719 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:225 Resp: 35851

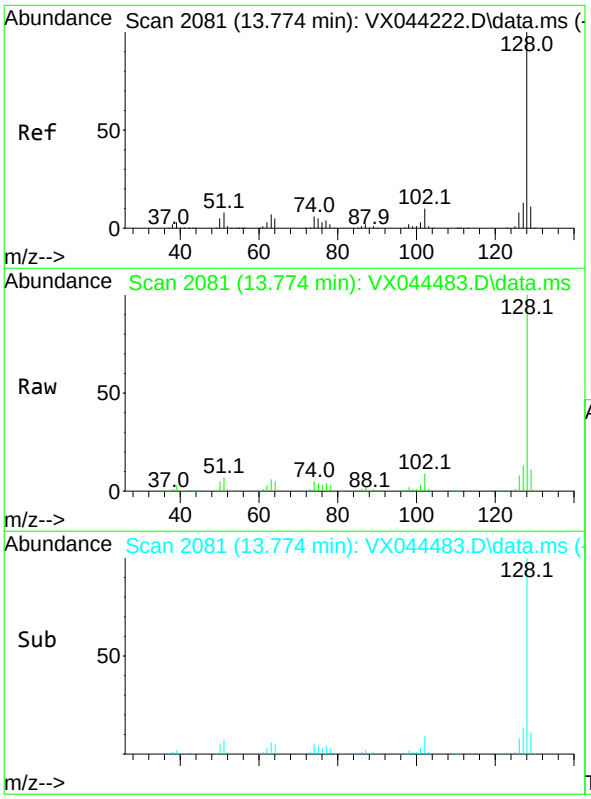
Ion	Ratio	Lower	Upper
225	100		
223	66.2	30.8	92.4
227	65.7	32.1	96.3



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

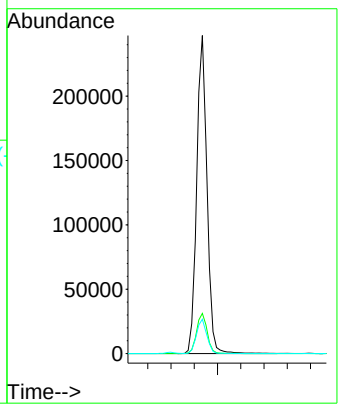
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

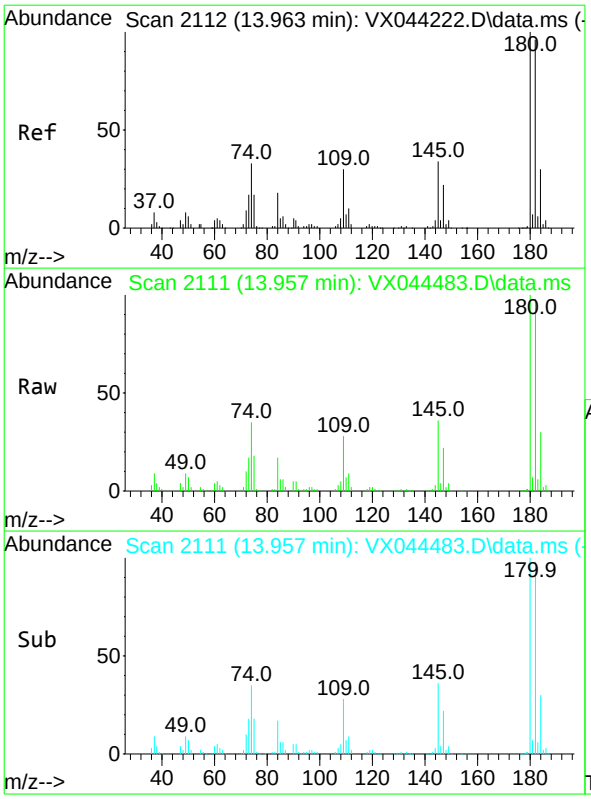


#95
Naphthalene
Concen: 45.199 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:128 Resp: 302955

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.0	9.0	13.4

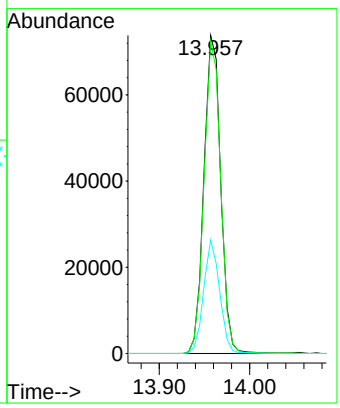




#96
1,2,3-Trichlorobenzene
Concen: 52.189 ug/l
RT: 13.957 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:180 Resp: 95051

Ion	Ratio	Lower	Upper
180	100		
182	97.4	48.0	144.0
145	34.2	17.7	53.1



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

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

Manual Integration Report

Sequence:	vx121124	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX044219.D	1,1-Dichloropropene	JOHN	12/12/2024 9:55:42 AM	MMDadoda	12/12/2024 2:17:09 PM	Peak Integrated by Software
VSTDICC001	VX044219.D	1,2,3-Trichloropropane	JOHN	12/12/2024 9:55:42 AM	MMDadoda	12/12/2024 2:17:09 PM	Peak Integrated by Software
VSTDICC001	VX044219.D	1,4-Dichlorobenzene	JOHN	12/12/2024 9:55:42 AM	MMDadoda	12/12/2024 2:17:09 PM	Peak Integrated by Software
VSTDICC001	VX044219.D	1,4-Dioxane	JOHN	12/12/2024 9:55:42 AM	MMDadoda	12/12/2024 2:17:09 PM	Peak Integrated by Software
VSTDICC001	VX044219.D	Chloroethane	JOHN	12/12/2024 9:55:42 AM	MMDadoda	12/12/2024 2:17:09 PM	Peak Integrated by Software
VSTDICC001	VX044219.D	Methacrylonitrile	JOHN	12/12/2024 9:55:42 AM	MMDadoda	12/12/2024 2:17:09 PM	Peak Integrated by Software
VSTDICC005	VX044220.D	1,2,3-Trichloropropane	JOHN	12/12/2024 9:55:46 AM	MMDadoda	12/12/2024 2:17:07 PM	Peak Integrated by Software
VSTDICC005	VX044220.D	1,4-Dioxane	JOHN	12/12/2024 9:55:46 AM	MMDadoda	12/12/2024 2:17:07 PM	Peak Integrated by Software
VSTDICC005	VX044220.D	Tert butyl alcohol	JOHN	12/12/2024 9:55:46 AM	MMDadoda	12/12/2024 2:17:07 PM	Peak Integrated by Software
VSTDICC020	VX044221.D	1,2,3-Trichloropropane	JOHN	12/12/2024 9:56:10 AM	MMDadoda	12/12/2024 2:17:06 PM	Peak Integrated by Software
VSTDICC020	VX044221.D	1,4-Dioxane	JOHN	12/12/2024 9:56:10 AM	MMDadoda	12/12/2024 2:17:06 PM	Peak Integrated by Software
VSTDICC020	VX044221.D	Tert butyl alcohol	JOHN	12/12/2024 9:56:10 AM	MMDadoda	12/12/2024 2:17:06 PM	Peak Integrated by Software
VSTDICCC050	VX044222.D	1,2,3-Trichloropropane	JOHN	12/12/2024 9:56:15 AM	MMDadoda	12/12/2024 2:17:04 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vx121124	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICCC050	VX044222.D	1,4-Dioxane	JOHN	12/12/2024 9:56:15 AM	MMDadoda	12/12/2024 2:17:04 PM	Peak Integrated by Software
VSTDICCC050	VX044222.D	Tert butyl alcohol	JOHN	12/12/2024 9:56:15 AM	MMDadoda	12/12/2024 2:17:04 PM	Peak Integrated by Software
VSTDICC100	VX044223.D	1,2,3-Trichloropropane	JOHN	12/12/2024 9:56:19 AM	MMDadoda	12/12/2024 2:17:02 PM	Peak Integrated by Software
VSTDICC100	VX044223.D	1,4-Dioxane	JOHN	12/12/2024 9:56:19 AM	MMDadoda	12/12/2024 2:17:02 PM	Peak Integrated by Software
VSTDICC150	VX044224.D	1,2,3-Trichloropropane	JOHN	12/12/2024 9:56:22 AM	MMDadoda	12/12/2024 2:17:00 PM	Peak Integrated by Software
VSTDICC150	VX044224.D	1,4-Dioxane	JOHN	12/12/2024 9:56:22 AM	MMDadoda	12/12/2024 2:17:00 PM	Peak Integrated by Software
VSTDICV050	VX044226.D	1,2,3-Trichloropropane	JOHN	12/12/2024 9:56:27 AM	MMDadoda	12/12/2024 2:16:58 PM	Peak Integrated by Software
VSTDICV050	VX044226.D	1,4-Dioxane	JOHN	12/12/2024 9:56:27 AM	MMDadoda	12/12/2024 2:16:58 PM	Peak Integrated by Software
VSTDCCC050	VX044238.D	1,2,3-Trichloropropane	JOHN	12/12/2024 9:59:41 AM	MMDadoda	12/12/2024 2:16:39 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX122324	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX044466.D	1,2,3-Trichloropropane	JOHN	12/26/2024 9:26:02 AM	MMDadoda	12/26/2024 12:30:18 PM	Peak Integrated by Software
P5374-05MS	VX044482.D	1,2,3-Trichloropropane	JOHN	12/26/2024 9:37:48 AM	MMDadoda	12/26/2024 12:29:44 PM	Peak Integrated by Software
P5374-06MSD	VX044483.D	1,2,3-Trichloropropane	JOHN	12/26/2024 9:37:52 AM	MMDadoda	12/26/2024 12:29:42 PM	Peak Integrated by Software
VX1223WBS03	VX044484.D	1,2,3-Trichloropropane	JOHN	12/26/2024 9:37:57 AM	MMDadoda	12/26/2024 12:29:40 PM	Peak Integrated by Software
VSTDCCC050	VX044492.D	1,2,3-Trichloropropane	JOHN	12/26/2024 9:38:12 AM	MMDadoda	12/26/2024 12:29:32 PM	Peak Integrated by Software

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX121124

Review By	John Carlone	Review On	12/12/2024 10:00:01 AM		
Supervise By	Mahesh Dadoda	Supervise On	12/12/2024 2:17:22 PM		
SubDirectory	VX121124	HP Acquire Method		HP Processing Method	82X121124W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132057
Initial Calibration Stds	VP132059,VP132060,VP132061,VP132062,VP132063,VP132064
CCC	VP132059,VP132134,VP132135,VP132136,VP132137,VP132138,VP132139
Internal Standard/PEM	
ICV/I.BLK	VP132065
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX044218.D	11 Dec 2024 10:13	JC/MD	Ok
2	VSTDICC001	VX044219.D	11 Dec 2024 10:41	JC/MD	Ok,M
3	VSTDICC005	VX044220.D	11 Dec 2024 11:27	JC/MD	Ok,M
4	VSTDICC020	VX044221.D	11 Dec 2024 11:50	JC/MD	Ok,M
5	VSTDICCC050	VX044222.D	11 Dec 2024 12:14	JC/MD	Ok,M
6	VSTDICC100	VX044223.D	11 Dec 2024 12:37	JC/MD	Ok,M
7	VSTDICC150	VX044224.D	11 Dec 2024 13:00	JC/MD	Ok,M
8	IBLK	VX044225.D	11 Dec 2024 13:23	JC/MD	Ok
9	VSTDICV050	VX044226.D	11 Dec 2024 13:51	JC/MD	Ok,M
10	VX1211MBL01	VX044227.D	11 Dec 2024 14:28	JC/MD	Ok
11	VX1211WBL01	VX044228.D	11 Dec 2024 14:51	JC/MD	Ok
12	VX1211WBS01	VX044229.D	11 Dec 2024 15:42	JC/MD	Ok,M
13	VX1211WBSD01	VX044230.D	11 Dec 2024 16:08	JC/MD	Ok,M
14	IBLK	VX044231.D	11 Dec 2024 16:31	JC/MD	Ok
15	P4368-07 0.2PPB	VX044232.D	11 Dec 2024 16:54	JC/MD	Ok,M
16	P4368-07 0.5PPB	VX044233.D	11 Dec 2024 17:18	JC/MD	Ok,M
17	P4368-07 0.75PPB	VX044234.D	11 Dec 2024 17:41	JC/MD	Ok,M
18	P4368-07 2.5PPB	VX044235.D	11 Dec 2024 18:04	JC/MD	Ok,M
19	P4368-08 1.0PPB	VX044236.D	11 Dec 2024 18:28	JC/MD	Ok,M
20	P4368-08 5.0PPB	VX044237.D	11 Dec 2024 18:51	JC/MD	Ok,M
21	VSTDCCC050	VX044238.D	11 Dec 2024 19:14	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX122324

Review By	John Carlone	Review On	12/26/2024 9:50:43 AM		
Supervise By	Mahesh Dadoda	Supervise On	12/26/2024 12:30:48 PM		
SubDirectory	VX122324	HP Acquire Method		HP Processing Method	82X121124W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132281
Initial Calibration Stds	
CCC	VP132282,VP132283
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX044465.D	23 Dec 2024 08:19	JC/MD	Ok
2	VSTDCCC050	VX044466.D	23 Dec 2024 08:49	JC/MD	Ok,M
3	VX1223MBL01	VX044467.D	23 Dec 2024 09:23	JC/MD	Ok
4	VX1223WBL01	VX044468.D	23 Dec 2024 09:46	JC/MD	Ok
5	VX1223WBS01	VX044469.D	23 Dec 2024 11:04	JC/MD	Not Ok
6	P5317-06	VX044470.D	23 Dec 2024 11:27	JC/MD	Not Ok
7	P5317-11	VX044471.D	23 Dec 2024 11:50	JC/MD	Not Ok
8	P5317-17	VX044472.D	23 Dec 2024 12:12	JC/MD	Not Ok
9	P5317-21	VX044473.D	23 Dec 2024 12:35	JC/MD	Not Ok
10	P5317-22	VX044474.D	23 Dec 2024 12:58	JC/MD	Not Ok
11	P5317-24	VX044475.D	23 Dec 2024 13:21	JC/MD	ReRun
12	P5317-25	VX044476.D	23 Dec 2024 13:43	JC/MD	ReRun
13	VX1223WBS02	VX044477.D	23 Dec 2024 14:06	JC/MD	Not Ok
14	P5374-03	VX044478.D	23 Dec 2024 14:29	JC/MD	Ok
15	P5374-01	VX044479.D	23 Dec 2024 14:52	JC/MD	Ok
16	P5374-02	VX044480.D	23 Dec 2024 15:15	JC/MD	Ok
17	P5374-04	VX044481.D	23 Dec 2024 15:38	JC/MD	Ok
18	P5374-05MS	VX044482.D	23 Dec 2024 16:00	JC/MD	Ok,M
19	P5374-06MSD	VX044483.D	23 Dec 2024 16:23	JC/MD	Ok,M
20	VX1223WBS03	VX044484.D	23 Dec 2024 16:46	JC/MD	Ok,M
21	P5317-21	VX044485.D	23 Dec 2024 17:09	JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX122324

Review By	John Carlone	Review On	12/26/2024 9:50:43 AM		
Supervise By	Mahesh Dadoda	Supervise On	12/26/2024 12:30:48 PM		
SubDirectory	VX122324	HP Acquire Method		HP Processing Method	82X121124W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132281
Initial Calibration Stds	
CCC	VP132282,VP132283
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	P5317-22	VX044486.D	23 Dec 2024 17:31	JC/MD	Ok
23	P5317-06	VX044487.D	23 Dec 2024 17:54	JC/MD	Ok,M
24	P5317-11	VX044488.D	23 Dec 2024 18:17	JC/MD	Ok
25	P5317-17	VX044489.D	23 Dec 2024 18:40	JC/MD	Ok
26	P5317-24	VX044490.D	23 Dec 2024 19:03	JC/MD	Ok
27	P5317-25	VX044491.D	23 Dec 2024 19:26	JC/MD	Ok,M
28	VSTDCCC050	VX044492.D	23 Dec 2024 19:49	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX121124

Review By	John Carlone	Review On	12/12/2024 10:00:01 AM		
Supervise By	Mahesh Dadoda	Supervise On	12/12/2024 2:17:22 PM		
SubDirectory	VX121124	HP Acquire Method		HP Processing Method	82X121124W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132057
Initial Calibration Stds	VP132059,VP132060,VP132061,VP132062,VP132063,VP132064
CCC	VP132059,VP132134,VP132135,VP132136,VP132137,VP132138,VP132139
Internal Standard/PEM	
ICV/I.BLK	VP132065
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX044218.D	11 Dec 2024 10:13		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX044219.D	11 Dec 2024 10:41		JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX044220.D	11 Dec 2024 11:27		JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX044221.D	11 Dec 2024 11:50		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX044222.D	11 Dec 2024 12:14		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX044223.D	11 Dec 2024 12:37		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX044224.D	11 Dec 2024 13:00		JC/MD	Ok,M
8	IBLK	IBLK	VX044225.D	11 Dec 2024 13:23		JC/MD	Ok
9	VSTDICV050	ICVVX121124	VX044226.D	11 Dec 2024 13:51		JC/MD	Ok,M
10	VX1211MBL01	VX1211MBL01	VX044227.D	11 Dec 2024 14:28		JC/MD	Ok
11	VX1211WBL01	VX1211WBL01	VX044228.D	11 Dec 2024 14:51		JC/MD	Ok
12	VX1211WBS01	VX1211WBS01	VX044229.D	11 Dec 2024 15:42		JC/MD	Ok,M
13	VX1211WBSD01	VX1211WBSD01	VX044230.D	11 Dec 2024 16:08		JC/MD	Ok,M
14	IBLK	IBLK	VX044231.D	11 Dec 2024 16:31		JC/MD	Ok
15	P4368-07 0.2PPB	LOD-MDL-WATER-01-(	VX044232.D	11 Dec 2024 16:54		JC/MD	Ok,M
16	P4368-07 0.5PPB	LOD-MDL-WATER-01-(	VX044233.D	11 Dec 2024 17:18		JC/MD	Ok,M
17	P4368-07 0.75PPB	LOD-MDL-WATER-01-(	VX044234.D	11 Dec 2024 17:41		JC/MD	Ok,M
18	P4368-07 2.5PPB	LOD-MDL-WATER-01-(	VX044235.D	11 Dec 2024 18:04		JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX121124

Review By	John Carlone	Review On	12/12/2024 10:00:01 AM		
Supervise By	Mahesh Dadoda	Supervise On	12/12/2024 2:17:22 PM		
SubDirectory	VX121124	HP Acquire Method		HP Processing Method	82X121124W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132057
Initial Calibration Stds	VP132059,VP132060,VP132061,VP132062,VP132063,VP132064
CCC	VP132059,VP132134,VP132135,VP132136,VP132137,VP132138,VP132139
Internal Standard/PEM	
ICV/I.BLK	VP132065
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	P4368-08 1.0PPB	LOQ-WATER-02-QT4-2	VX044236.D	11 Dec 2024 18:28		JC/MD	Ok,M
20	P4368-08 5.0PPB	LOQ-WATER-02-QT4-2	VX044237.D	11 Dec 2024 18:51		JC/MD	Ok,M
21	VSTDCCC050	VSTDCCC050EC	VX044238.D	11 Dec 2024 19:14		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX122324

Review By	John Carlone	Review On	12/26/2024 9:50:43 AM		
Supervise By	Mahesh Dadoda	Supervise On	12/26/2024 12:30:48 PM		
SubDirectory	VX122324	HP Acquire Method		HP Processing Method	82X121124W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132281
Initial Calibration Stds	
CCC	VP132282,VP132283
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	VX044465.D	23 Dec 2024 08:19		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX044466.D	23 Dec 2024 08:49	V13516	JC/MD	Ok,M
3	VX1223MBL01	VX1223MBL01	VX044467.D	23 Dec 2024 09:23		JC/MD	Ok
4	VX1223WBL01	VX1223WBL01	VX044468.D	23 Dec 2024 09:46		JC/MD	Ok
5	VX1223WBS01	VX1223WBS01	VX044469.D	23 Dec 2024 11:04	Recovery failed	JC/MD	Not Ok
6	P5317-06	DUP-04-20241216	VX044470.D	23 Dec 2024 11:27	Need straight run; Surrogate fail	JC/MD	Not Ok
7	P5317-11	DUP-05-20241217	VX044471.D	23 Dec 2024 11:50	Need straight run; Surrogate fail	JC/MD	Not Ok
8	P5317-17	DUP-06-20241217	VX044472.D	23 Dec 2024 12:12	Need straight run; Surrogate fail	JC/MD	Not Ok
9	P5317-21	RE132D6-20241217	VX044473.D	23 Dec 2024 12:35	Run @ lower dilution; Surrogate fail	JC/MD	Not Ok
10	P5317-22	RE132D7-20241217	VX044474.D	23 Dec 2024 12:58	Run @ lower dilution; Surrogate fail	JC/MD	Not Ok
11	P5317-24	RW8-MW01D2-202412	VX044475.D	23 Dec 2024 13:21	vial A pH<2 Surrogate fail	JC/MD	ReRun
12	P5317-25	RW8-MW01D3-202412	VX044476.D	23 Dec 2024 13:43	vial A pH<2 Surrogate fail	JC/MD	ReRun
13	VX1223WBS02	VX1223WBS02	VX044477.D	23 Dec 2024 14:06	Surrogate fail	JC/MD	Not Ok
14	P5374-03	BP-VPB-190A-GW-718	VX044478.D	23 Dec 2024 14:29	vial A pH<2	JC/MD	Ok
15	P5374-01	BP-VPB-190A-TB-2024	VX044479.D	23 Dec 2024 14:52	vial A pH<2	JC/MD	Ok
16	P5374-02	BP-VPB-190A-EB-2024	VX044480.D	23 Dec 2024 15:15	vial A pH<2	JC/MD	Ok
17	P5374-04	BP-VPB-190A-GW-748	VX044481.D	23 Dec 2024 15:38	vial A pH<2	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX122324

Review By	John Carlone	Review On	12/26/2024 9:50:43 AM		
Supervise By	Mahesh Dadoda	Supervise On	12/26/2024 12:30:48 PM		
SubDirectory	VX122324	HP Acquire Method		HP Processing Method	82X121124W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132281
Initial Calibration Stds	
CCC	VP132282,VP132283
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	P5374-05MS	BP-VPB-190A-GW-748	VX044482.D	23 Dec 2024 16:00	vial A pH<2	JC/MD	Ok,M
19	P5374-06MSD	BP-VPB-190A-GW-748	VX044483.D	23 Dec 2024 16:23	vial A pH<2	JC/MD	Ok,M
20	VX1223WBS03	VX1223WBS03	VX044484.D	23 Dec 2024 16:46		JC/MD	Ok,M
21	P5317-21	RE132D6-20241217	VX044485.D	23 Dec 2024 17:09	vial A pH<2	JC/MD	Ok,M
22	P5317-22	RE132D7-20241217	VX044486.D	23 Dec 2024 17:31	vial A pH<2	JC/MD	Ok
23	P5317-06	DUP-04-20241216	VX044487.D	23 Dec 2024 17:54	vial A pH<2	JC/MD	Ok,M
24	P5317-11	DUP-05-20241217	VX044488.D	23 Dec 2024 18:17	vial A pH<2	JC/MD	Ok
25	P5317-17	DUP-06-20241217	VX044489.D	23 Dec 2024 18:40	vial A pH<2	JC/MD	Ok
26	P5317-24	RW8-MW01D2-202412	VX044490.D	23 Dec 2024 19:03	vial B pH<2	JC/MD	Ok
27	P5317-25	RW8-MW01D3-202412	VX044491.D	23 Dec 2024 19:26	vial B pH<2	JC/MD	Ok,M
28	VSTDCCC050	VSTDCCC050EC	VX044492.D	23 Dec 2024 19:49		JC/MD	Ok,M

M : Manual Integration

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Prep Standard - Chemical Standard Summary

Order ID : P5374

Test : VOCMS Group1

Prepbatch ID :

Sequence ID/Qc Batch ID: VX122324,

Standard ID :
VP130430,VP131746,VP131767,VP131987,VP132005,VP132035,VP132096,VP132281,VP132282,VP132283,

Chemical ID :
V13391,V13445,V13457,V13460,V13465,V13466,V13707,V13806,V14020,V14021,V14105,V14106,V14145,V14152,V14154,V14173,V14174,V14192,V14194,V14201,V14289,V14434,V14437,V14614,V14630,V14631,V14632,V14633,V14650,V14651,V14652,W3112,

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
617	8260 Surrogate, 400PPM	VP130430	09/20/2024	02/28/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 09/26/2024

FROM 0.40000ml of V13707 + 24.60000ml of V14145 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
247	8260 Internal Standard, 250PPM	VP131746	11/22/2024	05/18/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 11/23/2024

FROM 0.50000ml of V14289 + 49.50000ml of V14154 = Final Quantity: 50.000 ml

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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	VP131767	11/22/2024	05/18/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 11/27/2024

FROM 0.50000ml of V13391 + 49.50000ml of V14154 = Final Quantity: 50.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
51	8260 Working STD (Acrolein) -first source, 800PPM	VP131987	12/06/2024	01/05/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 12/12/2024

FROM 1.00000ml of V14652 + 1.50000ml of V14650 + 1.50000ml of V14651 + 21.00000ml of V14152 = 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	VP132005	12/09/2024	01/18/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 12/12/2024

FROM 0.40000ml of V13445 + 1.00000ml of V13806 + 1.00000ml of V14020 + 1.00000ml of V14021 + 1.00000ml of V14105 + 1.00000ml of V14106 + 1.00000ml of V14173 + 1.00000ml of V14174 + 1.00000ml of V14194 + 1.00000ml of V14434 + 1.00000ml of V14437 + 1.50000ml of V14192 + 1.50000ml of V14201 + 10.60000ml of V14152 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1810	8260 Working Std(2-CVE)-800ppm	VP132035	12/10/2024	06/10/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 12/12/2024

FROM 1.00000ml of V14630 + 1.00000ml of V14631 + 1.00000ml of V14632 + 1.00000ml of V14633 + 46.00000ml of V14614 = Final Quantity: 50.000 ml

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Fax : 908 789 8922

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	VP132096	12/12/2024	06/10/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 12/19/2024

FROM 1.00000ml of V13465 + 1.00000ml of V13466 + 1.50000ml of V13457 + 1.50000ml of V13460 + 20.00000ml of V14614 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
589	BFB TUNE CHECK	VP132281	12/23/2024	12/24/2024	John Carlone	None	None	Mahesh Dadoda 12/27/2024

FROM 39.98400ml of W3112 + 0.01600ml of VP131767 = Final Quantity: 40.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
620	50 PPB CCC, 8260-Water	VP132282	12/23/2024	12/24/2024	John Carlone	None	None	Mahesh Dadoda 12/27/2024

FROM 39.94450ml of W3112 + 0.00500ml of VP130430 + 0.00500ml of VP132096 + 0.00800ml of VP131746 + 0.01250ml of VP131987 + 0.01250ml of VP132005 + 0.01250ml of VP132035 = 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	VP132283	12/23/2024	12/24/2024	John Carlone	None	None	Mahesh Dadoda 12/27/2024

FROM 39.94450ml of W3112 + 0.00500ml of VP130430 + 0.00500ml of VP132096 + 0.00800ml of VP131746 + 0.01250ml of VP131987 + 0.01250ml of VP132005 + 0.01250ml of VP132035 = 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	30470 / VOA Stock Solution, tert-butanol std, 1mL, P&TM	A0181905	02/28/2025	11/26/2024 / SAM	01/23/2023 / SAM	V13445

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0193071	06/12/2025	12/12/2024 / SAM	01/27/2023 / SAM	V13457

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0193071	06/12/2025	12/12/2024 / SAM	01/27/2023 / SAM	V13460

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0193071	06/12/2025	12/12/2024 / SAM	01/27/2023 / SAM	V13465

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0193071	06/12/2025	12/12/2024 / SAM	01/27/2023 / SAM	V13466

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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	555582 / Custom Mixture, 8260 A/B Surrogate Mix [CS 5179-2]	A0196865	06/10/2025	06/10/2024 / SAM	04/12/2023 / SAM	V13707

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	A0194279	03/16/2025	09/16/2024 / SAM	05/31/2023 / SAM	V13806

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)	032922	03/29/2025	11/26/2024 / SAM	11/22/2023 / SAM	V14020

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)	032922	03/29/2025	11/26/2024 / SAM	11/22/2023 / SAM	V14021

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	A0205179	05/26/2025	11/26/2024 / SAM	12/22/2023 / SAM	V14105

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	A0205179	05/26/2025	11/26/2024 / SAM	12/22/2023 / SAM	V14106

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	22L0562016	02/28/2025	08/29/2024 / SAM	02/06/2024 / SAM	V14145

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	22L0562016	04/14/2025	10/14/2024 / SAM	02/06/2024 / SAM	V14152

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	22L0562016	05/18/2025	11/18/2024 / pedro	02/06/2024 / SAM	V14154

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95317 / Universal VOA Mega Mix (Min order = 5)	021624	05/26/2025	11/26/2024 / SAM	02/20/2024 / SAM	V14173

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	05/26/2025	11/26/2024 / SAM	02/20/2024 / SAM	V14174

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	05/26/2025	11/26/2024 / SAM	02/28/2024 / SAM	V14192

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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	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A0200785	05/26/2025	11/26/2024 / SAM	02/28/2024 / SAM	V14194

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	05/26/2025	11/26/2024 / SAM	02/28/2024 / SAM	V14201

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555581 / Custom Standard, 8260 Internal Std [CS 5179-1]	A0210184	11/22/2025	11/22/2024 / SAM	04/15/2024 / SAM	V14289

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30489 / VOA Mix, 8260B Acetates Mix, P&TM, 1mL	A0209618	05/26/2025	11/26/2024 / SAM	08/15/2024 / SAM	V14434

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30489 / VOA Mix, 8260B Acetates Mix, P&TM, 1mL	A0209618	05/26/2025	11/26/2024 / SAM	08/15/2024 / SAM	V14437

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	22L0562016	06/10/2025	12/10/2024 / SAM	11/26/2024 / SAM	V14614

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	06/10/2025	12/10/2024 / SAM	12/06/2024 / SAM	V14630

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	06/10/2025	12/10/2024 / SAM	12/06/2024 / SAM	V14631

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	06/10/2025	12/10/2024 / SAM	12/06/2024 / SAM	V14632

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	06/10/2025	12/10/2024 / SAM	12/06/2024 / SAM	V14633

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	120524	01/05/2025	12/06/2024 / SAM	12/06/2024 / SAM	V14650

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	120524	01/05/2025	12/06/2024 / SAM	12/06/2024 / SAM	V14651

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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)	120524	01/05/2025	12/06/2024 / SAM	12/06/2024 / SAM	V14652

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

12 Baxter

avantor™ | J.T.Baker®

Material No.: 9077-02
Batch No.: 22L0562016
Manufactured Date: 2022-10-26
Expiration Date: 2025-10-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.2 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.2
Titrable Base (µeq/g)	≤ 0.10	0.03
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis – Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

James Ethier
Jamie Ethier
Vice President Global Quality

CERTIFIED WEIGHT REPORT

Part Number: 95317
Lot Number: 021624
Description: Universal VOA Megamix
69 components
Expiration Date: 021627
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EG359-USQ12

Formulated By: Prashant Chauhan 021624 DATE

Reviewed By: Pedro L. Rentas 021624 DATE

Weight(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty 5E-05 Balance Uncertainty

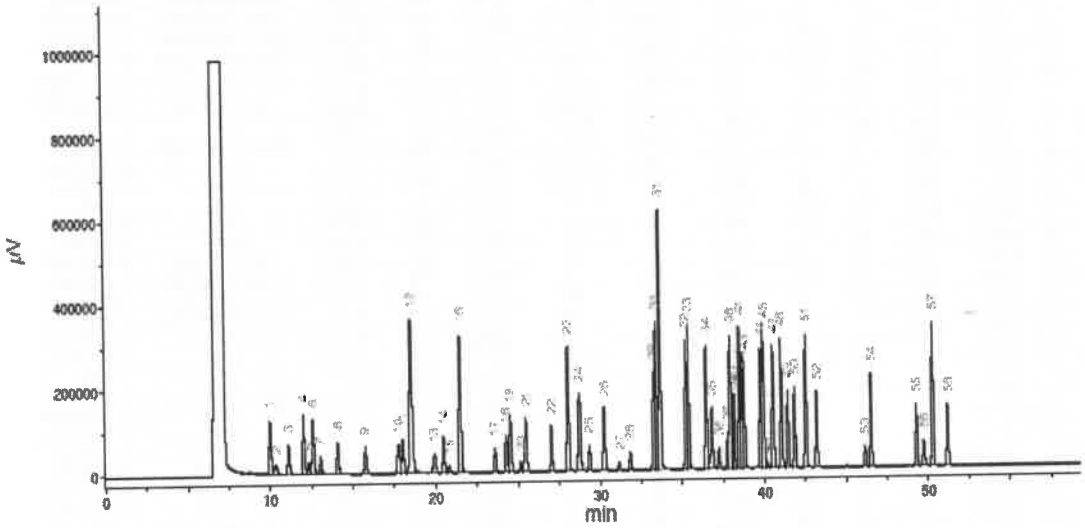
Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc.(µg/mL)	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Uncertainty Pipette (mL)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acetonitrile	(0324)	021644	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20020	2001.3	8.1	75-05-8	40 ppm (70mg/m3/8H)	orl-rat 2460mg/kg
2. Allyl chloride (3-Chloropropene)	(0325)	102396	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	107-05-1	1 ppm (3mg/m3/8H)	orl-rat 700mg/kg
3. Carbon disulphide	(0060)	MKCR8561	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20023	2001.6	8.1	75-15-0	4 ppm (12mg/m3) (skin)	orl-rat 1200mg/kg
4. cis-1,4-Dichloro-2-butene	(1196)	14718EF	NA	NA	NA	2000	95	0.2	NA	0.21058	0.21069	2001.1	8.5	1476-11-5	N/A	N/A
5. trans-1,4-Dichloro-2-butene	(0486)	MKBP6041V	NA	NA	NA	2000	96.5	0.2	NA	0.20731	0.20748	2001.7	8.4	110-57-6	N/A	N/A
6. Diethyl ether	(0153)	IK18CAS0000	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	60-29-7	N/A	N/A
7. Ethyl methacrylate	(0361)	06126PX	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20230	2002.3	8.2	97-63-2	N/A	orl-rat 14800mg/kg
8. Iodomethane	(0489)	SHBF8718V	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20121	2001.5	8.2	74-88-4	5 ppm(28mg/m3/8H)(skin)	orl-rat 76mg/kg
9. 2-Methyl-1-propanol	(0445)	15241EB	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20120	2001.4	8.1	78-83-1	50 ppm (150mg/m3/8H)	orl-rat 2460mg/kg
10. Methacrylonitrile	(0442)	00427ET	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	126-98-7	1 ppm (3mg/m3/8H)(skin)	orl-rat 120mg/kg
11. Methyl acrylate	(1075)	SHBK0679	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
12. Methyl methacrylate	(0404)	MKBW5137V	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20041	2001.6	8.1	80-62-6	100 ppm (410mg/m3/8H)	orl-rat 7872mg/kg
13. Nitrobenzene	(0228)	01213TV	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20220	2001.3	8.2	98-95-3	1 ppm (5mg/m3/8H)(skin)	orl-rat 780mg/kg
14. 2-Nitropropane	(0461)	14002JX	NA	NA	NA	2000	97.3	0.2	NA	0.20560	0.20577	2001.6	8.3	79-46-9	10 ppm (35mg/m3/8H)	orl-rat 720mg/kg
15. Pentachloroethane	(0450)	HGA01	NA	NA	NA	2000	98	0.2	NA	0.20413	0.20430	2001.6	8.3	76-01-7	N/A	N/A
16. 1,1,2-Trichlorotrifluoroethane	(0474)	18930	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20225	2001.8	8.2	76-13-1	1000 ppm (7600mg/m3/8H)	orl-rat 43g/kg
17. Bromodichloromethane	35171	101623	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-27-4	N/A	orl-rat 916mg/kg
18. Dibromochloromethane	35171	101623	0.05	5.00	40002.1	2000	NA	NA	0.017	NA	NA	1999.6	23.0	124-48-1	N/A	orl-rat 848mg/kg
19. cis-1,2-Dichloroethene	35171	101623	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	156-59-2	N/A	N/A
20. trans-1,2-Dichloroethene	35171	101623	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.6	23.0	156-60-5	N/A	orl-rat 1235mg/kg
21. Methylene chloride	35171	101623	0.05	5.00	40002.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-09-2	500 ppm	orl-rat 820mg/kg
22. 1,1-Dichloroethene	32251	102023	0.10	10.00	20001.6	2000	NA	NA	0.042	NA	NA	1999.7	20.4	75-35-4	1 ppm (4mg/m3/8H)	orl-rat 200mg/kg
23. Bromoform	95321	020724	0.10	10.00	20003.2	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-25-2	0.5 ppm (5mg/m3) (skin)	orl-rat 933mg/kg
24. Carbon tetrachloride	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	56-23-5	2 ppm (12.6mg/m3/8H)	orl-rat 2350mg/kg
25. Chloroform	95321	020724	0.10	10.00	20024.0	2000	NA	NA	0.042	NA	NA	2001.9	20.5	67-66-3	50 ppm (240mg/m3) (CL)	orl-rat 908mg/kg
26. Dibromomethane	95321	020724	0.10	10.00	20002.9	2000	NA	NA	0.042	NA	NA	1999.8	20.5	74-95-3	N/A	orl-rat 108mg/kg
27. 1,1-Dichloroethane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-34-3	100 ppm	orl-rat 725mg/kg
28. 2,2-Dichloropropane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	594-20-7	N/A	N/A
29. Tetrachloroethene	95321	020724	0.10	10.00	20201.1	2000	NA	NA	0.042	NA	NA	2019.6	20.6	127-18-4	25 ppm (170mg/m3/8H)(final)	orl-rat 2629mg/kg
30. 1,1,1-Trichloroethane	95321	020724	0.10	10.00	20003.0	2000	NA	NA	0.042	NA	NA	1999.8	20.5	71-55-6	350 ppm (1900mg/m3/8H)	orl-rat 10300mg/kg
31. 1,2-Dibromo-3-chloropropane	35161	112322	0.05	5.00	40016.5	2000	NA	NA	0.017	NA	NA	2000.3	22.9	96-12-8	0.001 ppm	orl-rat 170mg/kg
32. 1,2-Dibromoethane	35161	112322	0.05	5.00	40024.8	2000	NA	NA	0.017	NA	NA	2000.7	22.9	106-93-4	20 ppm (8H)	orl-rat 108mg/kg
33. 1,2-Dichloroethane	35161	112322	0.05	5.00	40018.0	2000	NA	NA	0.017	NA	NA	2000.4	22.9	107-06-2	50 ppm (8H)	orl-rat 670mg/kg
34. 1,2-Dichloropropane	35161	112322	0.05	5.00	40051.0	2000	NA	NA	0.017	NA	NA	2002.0	22.9	78-87-5	75 ppm (350mg/m3/8H)	orl-rat 1947mg/kg
35. 1,3-Dichloropropane	35161	112322	0.05	5.00	40005.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	142-28-9	N/A	unr-mus 3600mg/kg
36. 1,1-Dichloropropene	35161	112322	0.05	5.00	40012.1	2000	NA	NA	0.017	NA	NA	2000.1	29.7	563-58-6	N/A	N/A
37. cis-1,3-Dichloropropene	35161	112322	0.05	5.00	40010.0	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	40017.8	2000	NA	NA	0.017	NA	NA	2000.4	23.0	10061-02-6	N/A	N/A
39. Hexachloro-1,3-butadiene	35161	112322	0.05	5.00	40021.9	2000	NA	NA	0.017	NA	NA	2000.6	29.7	87-68-3	0.02 ppm (0.24mg/m3/8H)	orl-rat 82mg/kg
40. 1,1,1,2-Tetrachloroethane	35161	112322	0.05	5.00	40011.9	2000	NA	NA	0.017	NA	NA	2000.1	22.9	630-20-6	N/A	orl-rat 670mg/kg
41. 1,1,2,2-Tetrachloroethane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	79-34-5	5 ppm (35mg/m3/8H)(skin)	orl-rat 800mg/kg
42. 1,1,2-Trichloroethane	35161	112322	0.05	5.00	40006.6	2000	NA	NA	0.017	NA	NA	1999.8	23.0	79-00-5	10 ppm (46mg/m3/8H)(skin)	orl-rat 836mg/kg
43. Trichloroethene	35161	112322	0.05	5.00	40029.0	2000	NA	NA	0.017	NA	NA	2000.9	22.9	79-01-6	50 ppm (270mg/m3/8H)	orl-mus 2402mg/kg
44. 1,2,3-Trichloropropane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	96-18-4	10 ppm (60mg/m3/8H)	orl-rat 149.6mg/kg
45. Benzene	35162	050823	0.05	5.00	40005.0	2000	NA	NA	0.017	NA	NA	1999.7	22.9	71-43-2	1 ppm	orl-rat 4894mg/kg
46. Bromobenzene	35162	050823	0.05	5.00	40006.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-86-1	N/A	orl-rat 2699mg/kg
47. n-Butyl benzene	35162	050823	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	104-51-8	N/A	N/A
48. Ethyl benzene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-41-4	100 ppm (435mg/m3/8H)	orl-rat >2000mg/kg
49. p-Isopropyl toluene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	99-87-6	N/A	orl-rat 4750mg/kg
50. Naphthalene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	91-20-3	10 ppm (50mg/m3/8H)	orl-rat 490mg/kg
51. Styrene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-42-5	100 ppm	orl-rat 5000mg/kg
52. Toluene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-88-3	200 ppm	orl-rat 5000mg/kg
53. 1,2,3-Trichlorobenzene	35162	050823	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	87-61-6	N/A	ipr-mus 1390mg/kg
54. 1,2,4-Trichlorobenzene	35162	050823	0.05	5.00	40006.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	120-82-1	5 ppm (CL) (40mg/m3)	orl-rat 750mg/kg
55. 1,2,4-Trimethylbenzene	35162	050823	0.05	5.00	40001.6	2000	NA	NA	0.017	NA	NA	1999.6	23.0	95-63-6	N/A	orl-rat 5g/kg
56. 1,3,5-Trimethylbenzene	35162	050823	0.05	5.00	40006.7	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-67-8	N/A	orl-rat 5000mg/kg
57. m-Xylene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-38-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg
58. tert-Butyl benzene	35163	101923	0.05	5.00	40001.2	2000	NA	NA	0.017	NA	NA	1999.6	22.9	98-06-6	N/A	N/A
59. sec-Butyl benzene	35163	101923	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.6	22.9	135-98-8	N/A	orl-rat 2240mg/kg
60. Chlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	108-90-7	75 ppm (350mg/m3/8H)	orl-rat 2290mg/kg
61. 2-Chlorotoluene	35163	101923	0.05	5.00	40000.3	2000	NA	NA	0.017	NA	NA	1999.5	22.9	95-49-8	50 ppm (250mg/m3/8H)	orl-rat 3900mg/kg
62. 4-Chlorotoluene	35163	101923	0.05	5.00	40003.3	2000	NA	NA	0.017	NA	NA	1999.7	22.9	106-43-4	N/A	orl-rat 2100mg/kg
63. 1,2-Dichlorobenzene	35163	101923	0.05	5.00	40003.6	2000	NA	NA	0.017	NA	NA	1999.7	22.9	95-50-1	50 ppm (300mg/m3) (CL)	orl-rat 500mg/kg
64. 1,3-Dichlorobenzene	35163	101923	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	23.0	541-73-1	N/A	ipr-mus 1062mg/kg
65. 1,4-Dichlorobenzene	35163	101923	0.05	5.00	40001.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	106-46-7	75 ppm (450mg/m3/8H)	orl-rat 500mg/kg
66. Isopropylbenzene	35163	101923	0.05	5.00	40000.8	2000	NA	NA	0.017	NA	NA	1999.5	22.9	98-82-8	50 ppm (245mg/m3/8H)	orl-rat 1400mg/kg
67. n-Propylbenzene	35163	101923	0.05	5.00	40003.4	2000	NA	NA	0.017	NA	NA	1999.7	23.0	103-65-1	N/A	orl-rat 6040mg/kg
68. o-Xylene	35163	101923	0.05	5.00	40040.8	2000	NA	NA	0.017	NA	NA	2001.5	23.0	95-47-6	100 ppm (435mg/m3/8H)	ipr-mus 1364mg/kg
69. p-Xylene	35163	101923	0.05	5.00	40000.6	2000	NA	NA	0.017	NA	NA	1999.5	22.9	106-42-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening sample, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty References: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Run 16, "P95317 L021624 [2000µg/mL in MeOH]"

Run Length: 60.00 min, 35998 points at 10 points/second.
Created: Sat, Feb 17, 2024 at 8:56:46 AM.
Sampled: Sequence "021624-GC5M1", Method "GC5-M1".
Analyzed using Method "GC5-M1".

Comments
GC5-M1 Analysis by Candice Warren
Column ID SPB-Vocol 105 meter X 0.53mm X 3.0µm film thickness
Flow rates: Total flow=290mL/min., Helium (carrier)=10mL/min.,
Helium(make-up)=10mL/min., Hydogen(make-up)=40mL/min., Air(make-up)=230mL/min.
Oven Profile: Temp. 1=35°C (Time 1=10 min.), Temp 2=200°C (Time 2=8.75 min.),
Rate = 4°C/min., Total run time=60 min. Injector temp.=200°C, FID Temp.=200°C.
FID Signal = Edaq Channel 1
Standard injection = 0.5µL, Range=3



Peak #	Name	FID RT (min.)
1	Ether	9.97
2	1,1,2-Trichloro-1,2,2-trifluoroethane	10.33
3	1,1-Dichloroethene	11.10
4	Acetonitrile	12.00
5	Iodomethane	12.31
6	Allyl chloride	12.56
7	Carbon disulfide/Methylene chloride	13.04
8	trans-1,2-Dichloroethene	14.07
9	1,1-Dichloroethane	15.74
10	2,2-Dichloropropane	17.74
11	cis-1,2-Dichloroethene	18.00
12	Methacrylonitrile/Methyl acrylate/Chloroform	18.46
13	Isobutanol/1,1,1-Trichloroethane	19.91
14	1,1-Dichloropropene	20.46
15	Carbon tetrachloride	20.79
16	Benzene/1,2-Dichloroethane	21.49
17	Trichloroethene	23.58
18	1,2-Dichloropropane	24.28
19	Methyl methacrylate	24.52
20	Bromodichloromethane	25.13
21	Dibromomethane/2-Nitropropane	25.46
22	cis-1,3-Dichloropropene	27.02
23	Toluene	28.05
24	Ethyl methacrylate/trans-1,3-Dichloropropene	28.73
25	1,1,2-Trichloroethane	29.34
26	Tetrachloroethene/1,3-Dichloropropane	30.24
27	Dibromochloromethane	31.16
28	1,2-Dibromoethene	31.84
29	Chlorobenzene	33.26
30	Ethylbenzene/1,1,1,2-Tetrachloroethane	33.40
31	m-Xylene/p-Xylene	33.86
32	o-Xylene	35.22
33	Styrene	35.38
34	Isopropylbenzene/Bromoform	36.18
35	cis-1,4-Dichloro-2-Butene	36.80
36	1,1,2,2-Tetrachloroethane	37.23
37	1,2,3-Trichloropropane	37.77
38	n-Propylbenzene	37.93
39	trans-1,4-Dichloro-2-Butene	38.05
40	Bromobenzene	38.14
41	1,3,5-Trimethylbenzene	38.80
42	2-Chlorotoluene	38.82
43	4-Chlorotoluene	38.77
44	tert-Butylbenzene	39.76
45	1,2,4-Trimethylbenzene	39.91
46	Pentachloroethane	40.17
47	sec-Butylbenzene	40.52
48	p-Isopropyltoluene	41.02
49	1,3-Dichlorobenzene	41.42
50	1,4-Dichlorobenzene	41.83
51	n-Butylbenzene	42.53
52	1,2-Dichlorobenzene	43.18
53	1,2-Dibromo-3-chloropropane	46.12
54	Nitrobenzene	46.46
55	1,2,4-Trichlorobenzene	49.26
56	Hexachlorobutadiene	49.72
57	Naphthalene	50.26
58	1,2,3-Trichlorobenzene	51.16

Absolute Standards Inc.
PO Box 5585
Hamden, CT 06518-0585
Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International	**1-352-323-3500**
		Date Prepared/Revised	January 1, 2023

Section II - Hazards Identification

GHS Classification In accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**



Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions Vapours may form explosive mixture with air.
Conditions to avoid Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

CERTIFIED WEIGHT REPORT

Part Number: 95317
Lot Number: 021624
Description: Universal VOA Megamix
69 components
Expiration Date: 021627
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EG359-USQ12

Formulated By: Prashant Chauhan 021624 DATE

Reviewed By: Pedro L. Rentas 021624 DATE

Weight(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty 5E-05 Balance Uncertainty

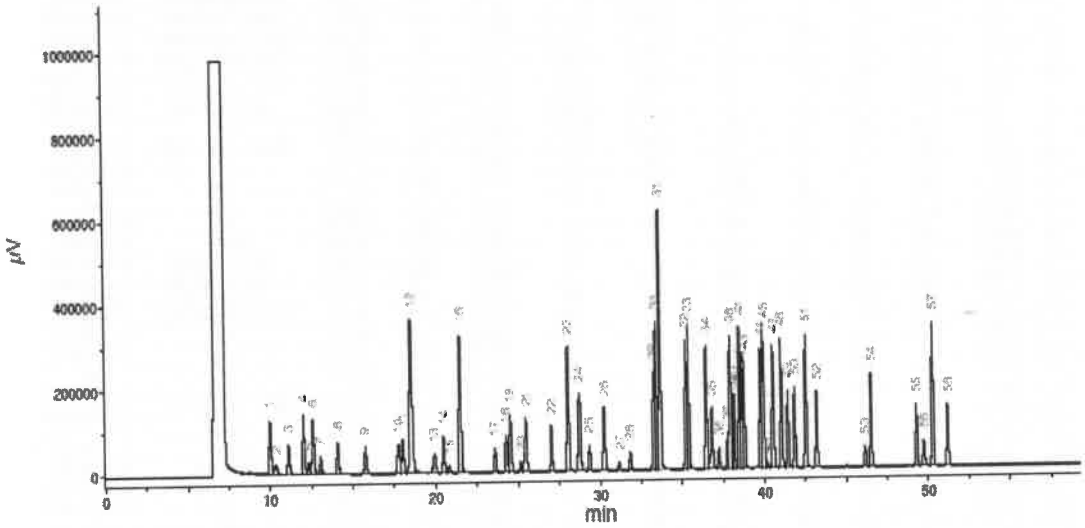
Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc.(µg/mL)	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Uncertainty Pipette (mL)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acetonitrile	(0324)	021644	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20020	2001.3	8.1	75-05-8	40 ppm (70mg/m3/8H)	orl-rat 2460mg/kg
2. Allyl chloride (3-Chloropropene)	(0325)	102396	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	107-05-1	1 ppm (3mg/m3/8H)	orl-rat 700mg/kg
3. Carbon disulphide	(0060)	MKCR8561	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20023	2001.6	8.1	75-15-0	4 ppm (12mg/m3) (skin)	orl-rat 1200mg/kg
4. cis-1,4-Dichloro-2-butene	(1196)	14718EF	NA	NA	NA	2000	95	0.2	NA	0.21058	0.21069	2001.1	8.5	1476-11-5	N/A	N/A
5. trans-1,4-Dichloro-2-butene	(0486)	MKBP6041V	NA	NA	NA	2000	96.5	0.2	NA	0.20731	0.20748	2001.7	8.4	110-57-6	N/A	N/A
6. Diethyl ether	(0153)	IK18CAS0000	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	60-29-7	N/A	N/A
7. Ethyl methacrylate	(0361)	06126PX	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20230	2002.3	8.2	97-63-2	N/A	orl-rat 14800mg/kg
8. Iodomethane	(0489)	SHBF8718V	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20121	2001.5	8.2	74-88-4	5 ppm(28mg/m3/8H)(skin)	orl-rat 76mg/kg
9. 2-Methyl-1-propanol	(0445)	15241EB	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20120	2001.4	8.1	78-83-1	50 ppm (150mg/m3/8H)	orl-rat 2460mg/kg
10. Methacrylonitrile	(0442)	00427ET	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	126-98-7	1 ppm (3mg/m3/8H)(skin)	orl-rat 120mg/kg
11. Methyl acrylate	(1075)	SHBK0679	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
12. Methyl methacrylate	(0404)	MKBW5137V	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20041	2001.6	8.1	80-62-6	100 ppm (410mg/m3/8H)	orl-rat 7872mg/kg
13. Nitrobenzene	(0228)	01213TV	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20220	2001.3	8.2	98-95-3	1 ppm (5mg/m3/8H)(skin)	orl-rat 780mg/kg
14. 2-Nitropropane	(0461)	14002JX	NA	NA	NA	2000	97.3	0.2	NA	0.20560	0.20577	2001.6	8.3	79-46-9	10 ppm (35mg/m3/8H)	orl-rat 720mg/kg
15. Pentachloroethane	(0450)	HGA01	NA	NA	NA	2000	98	0.2	NA	0.20413	0.20430	2001.6	8.3	76-01-7	N/A	N/A
16. 1,1,2-Trichlorotrifluoroethane	(0474)	18930	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20225	2001.8	8.2	76-13-1	1000 ppm (7600mg/m3/8H)	orl-rat 43g/kg
17. Bromodichloromethane	35171	101623	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-27-4	N/A	orl-rat 916mg/kg
18. Dibromochloromethane	35171	101623	0.05	5.00	40002.1	2000	NA	NA	0.017	NA	NA	1999.6	23.0	124-48-1	N/A	orl-rat 848mg/kg
19. cis-1,2-Dichloroethene	35171	101623	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	156-59-2	N/A	N/A
20. trans-1,2-Dichloroethene	35171	101623	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.6	23.0	156-60-5	N/A	orl-rat 1235mg/kg
21. Methylene chloride	35171	101623	0.05	5.00	40002.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-09-2	500 ppm	orl-rat 820mg/kg
22. 1,1-Dichloroethene	32251	102023	0.10	10.00	20001.6	2000	NA	NA	0.042	NA	NA	1999.7	20.4	75-35-4	1 ppm (4mg/m3/8H)	orl-rat 200mg/kg
23. Bromoform	95321	020724	0.10	10.00	20003.2	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-25-2	0.5 ppm (5mg/m3) (skin)	orl-rat 933mg/kg
24. Carbon tetrachloride	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	56-23-5	2 ppm (12.6mg/m3/8H)	orl-rat 2350mg/kg
25. Chloroform	95321	020724	0.10	10.00	20024.0	2000	NA	NA	0.042	NA	NA	2001.9	20.5	67-66-3	50 ppm (240mg/m3) (CL)	orl-rat 908mg/kg
26. Dibromomethane	95321	020724	0.10	10.00	20002.9	2000	NA	NA	0.042	NA	NA	1999.8	20.5	74-95-3	N/A	orl-rat 108mg/kg
27. 1,1-Dichloroethane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-34-3	100 ppm	orl-rat 725mg/kg
28. 2,2-Dichloropropane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	594-20-7	N/A	N/A
29. Tetrachloroethene	95321	020724	0.10	10.00	20201.1	2000	NA	NA	0.042	NA	NA	2019.6	20.6	127-18-4	25 ppm (170mg/m3/8H)(final)	orl-rat 2629mg/kg
30. 1,1,1-Trichloroethane	95321	020724	0.10	10.00	20003.0	2000	NA	NA	0.042	NA	NA	1999.8	20.5	71-55-6	350 ppm (1900mg/m3/8H)	orl-rat 10300mg/kg
31. 1,2-Dibromo-3-chloropropane	35161	112322	0.05	5.00	40016.5	2000	NA	NA	0.017	NA	NA	2000.3	22.9	96-12-8	0.001 ppm	orl-rat 170mg/kg
32. 1,2-Dibromoethane	35161	112322	0.05	5.00	40024.8	2000	NA	NA	0.017	NA	NA	2000.7	22.9	106-93-4	20 ppm (8H)	orl-rat 108mg/kg
33. 1,2-Dichloroethane	35161	112322	0.05	5.00	40018.0	2000	NA	NA	0.017	NA	NA	2000.4	22.9	107-06-2	50 ppm (8H)	orl-rat 670mg/kg
34. 1,2-Dichloropropane	35161	112322	0.05	5.00	40051.0	2000	NA	NA	0.017	NA	NA	2002.0	22.9	78-87-5	75 ppm (350mg/m3/8H)	orl-rat 1947mg/kg
35. 1,3-Dichloropropane	35161	112322	0.05	5.00	40005.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	142-28-9	N/A	unr-mus 3600mg/kg
36. 1,1-Dichloropropene	35161	112322	0.05	5.00	40012.1	2000	NA	NA	0.017	NA	NA	2000.1	29.7	563-58-6	N/A	N/A
37. cis-1,3-Dichloropropene	35161	112322	0.05	5.00	40010.0	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	40017.8	2000	NA	NA	0.017	NA	NA	2000.4	23.0	10061-02-6	N/A	N/A
39. Hexachloro-1,3-butadiene	35161	112322	0.05	5.00	40021.9	2000	NA	NA	0.017	NA	NA	2000.6	29.7	87-68-3	0.02 ppm (0.24mg/m3/8H)	orl-rat 82mg/kg
40. 1,1,1,2-Tetrachloroethane	35161	112322	0.05	5.00	40011.9	2000	NA	NA	0.017	NA	NA	2000.1	22.9	630-20-6	N/A	orl-rat 670mg/kg
41. 1,1,2,2-Tetrachloroethane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	79-34-5	5 ppm (35mg/m3/8H)(skin)	orl-rat 800mg/kg
42. 1,1,2-Trichloroethane	35161	112322	0.05	5.00	40006.6	2000	NA	NA	0.017	NA	NA	1999.8	23.0	79-00-5	10 ppm (46mg/m3/8H)(skin)	orl-rat 836mg/kg
43. Trichloroethene	35161	112322	0.05	5.00	40029.0	2000	NA	NA	0.017	NA	NA	2000.9	22.9	79-01-6	50 ppm (270mg/m3/8H)	orl-mus 2402mg/kg
44. 1,2,3-Trichloropropane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	96-18-4	10 ppm (60mg/m3/8H)	orl-rat 149.6mg/kg
45. Benzene	35162	050823	0.05	5.00	40005.0	2000	NA	NA	0.017	NA	NA	1999.7	22.9	71-43-2	1 ppm	orl-rat 4894mg/kg
46. Bromobenzene	35162	050823	0.05	5.00	40006.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-86-1	N/A	orl-rat 2699mg/kg
47. n-Butyl benzene	35162	050823	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	104-51-8	N/A	N/A
48. Ethyl benzene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-41-4	100 ppm (435mg/m3/8H)	orl-rat >2000mg/kg
49. p-Isopropyl toluene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	99-87-6	N/A	orl-rat 4750mg/kg
50. Naphthalene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	91-20-3	10 ppm (50mg/m3/8H)	orl-rat 490mg/kg
51. Styrene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-42-5	100 ppm	orl-rat 5000mg/kg
52. Toluene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-88-3	200 ppm	orl-rat 5000mg/kg
53. 1,2,3-Trichlorobenzene	35162	050823	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	87-61-6	N/A	ipr-mus 1390mg/kg
54. 1,2,4-Trichlorobenzene	35162	050823	0.05	5.00	40006.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	120-82-1	5 ppm (CL) (40mg/m3)	orl-rat 756mg/kg
55. 1,2,4-Trimethylbenzene	35162	050823	0.05	5.00	40001.6	2000	NA	NA	0.017	NA	NA	1999.6	23.0	95-63-6	N/A	orl-rat 5g/kg
56. 1,3,5-Trimethylbenzene	35162	050823	0.05	5.00	40006.7	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-67-8	N/A	orl-rat 5000mg/kg
57. m-Xylene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-38-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg
58. tert-Butyl benzene	35163	101923	0.05	5.00	40001.2	2000	NA	NA	0.017	NA	NA	1999.6	22.9	98-06-6	N/A	N/A
59. sec-Butyl benzene	35163	101923	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.6	22.9	135-98-8	N/A	orl-rat 2240mg/kg
60. Chlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	108-90-7	75 ppm (350mg/m3/8H)	orl-rat 2290mg/kg
61. 2-Chlorotoluene	35163	101923	0.05	5.00	40000.3	2000	NA	NA	0.017	NA	NA	1999.5	22.9	95-49-8	50 ppm (250mg/m3/8H)	orl-rat 3900mg/kg
62. 4-Chlorotoluene	35163	101923	0.05	5.00	40003.3	2000	NA	NA	0.017	NA	NA	1999.7	22.9	106-43-4	N/A	orl-rat 2100mg/kg
63. 1,2-Dichlorobenzene	35163	101923	0.05	5.00	40003.6	2000	NA	NA	0.017	NA	NA	1999.7	22.9	95-50-1	50 ppm (300mg/m3) (CL)	orl-rat 500mg/kg
64. 1,3-Dichlorobenzene	35163	101923	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	23.0	541-73-1	N/A	ipr-mus 1062mg/kg
65. 1,4-Dichlorobenzene	35163	101923	0.05	5.00	40001.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	106-46-7	75 ppm (450mg/m3/8H)	orl-rat 500mg/kg
66. Isopropylbenzene	35163	101923	0.05	5.00	40000.8	2000	NA	NA	0.017	NA	NA	1999.5	22.9	98-82-8	50 ppm (245mg/m3/8H)	orl-rat 1400mg/kg
67. n-Propylbenzene	35163	101923	0.05	5.00	40003.4	2000	NA	NA	0.017	NA	NA	1999.7	23.0	103-65-1	N/A	orl-rat 6040mg/kg
68. o-Xylene	35163	101923	0.05	5.00	40040.8	2000	NA	NA	0.017	NA	NA	2001.5	23.0	95-47-6	100 ppm (435mg/m3/8H)	ipr-mus 1364mg/kg
69. p-Xylene	35163	101923	0.05	5.00	40000.6	2000	NA	NA	0.017	NA	NA	1999.5	22.9	106-42-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening sample, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty References: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Run 16, "P95317 L021624 [2000µg/mL in MeOH]"

Run Length: 60.00 min, 35998 points at 10 points/second.
Created: Sat, Feb 17, 2024 at 8:56:46 AM.
Sampled: Sequence "021624-GC5M1", Method "GC5-M1".
Analyzed using Method "GC5-M1".

Comments
GC5-M1 Analysis by Candice Warren
Column ID SPB-Vocol 105 meter X 0.53mm X 3.0µm film thickness
Flow rates: Total flow=290mL/min., Helium (carrier)=10mL/min.,
Helium(make-up)=10mL/min., Hydogen(make-up)=40mL/min., Air(make-up)=230mL/min.
Oven Profile: Temp. 1=35°C (Time 1=10 min.), Temp 2=200°C (Time 2=8.75 min.),
Rate = 4°C/min., Total run time=60 min. Injector temp.=200°C, FID Temp.=200°C.
FID Signal = Edaq Channel 1
Standard injection = 0.5µL, Range=3



Peak #	Name	FID RT (min.)
1	Ether	9.97
2	1,1,2-Trichloro-1,2,2-trifluoroethane	10.33
3	1,1-Dichloroethene	11.10
4	Acetonitrile	12.00
5	Iodomethane	12.31
6	Allyl chloride	12.56
7	Carbon disulfide/Methylene chloride	13.04
8	trans-1,2-Dichloroethene	14.07
9	1,1-Dichloroethane	15.74
10	2,2-Dichloropropane	17.74
11	cis-1,2-Dichloroethene	18.00
12	Methacrylonitrile/Methyl acrylate/Chloroform	18.46
13	Isobutanol/1,1,1-Trichloroethane	19.91
14	1,1-Dichloropropene	20.46
15	Carbon tetrachloride	20.79
16	Benzene/1,2-Dichloroethane	21.49
17	Trichloroethene	23.58
18	1,2-Dichloropropane	24.28
19	Methyl methacrylate	24.52
20	Bromodichloromethane	25.13
21	Dibromomethane/2-Nitropropane	25.46
22	cis-1,3-Dichloropropene	27.02
23	Toluene	28.05
24	Ethyl methacrylate/trans-1,3-Dichloropropene	28.73
25	1,1,2-Trichloroethane	29.34
26	Tetrachloroethene/1,3-Dichloropropane	30.24
27	Dibromochloromethane	31.16
28	1,2-Dibromoethene	31.84
29	Chlorobenzene	33.26
30	Ethylbenzene/1,1,1,2-Tetrachloroethane	33.40
31	m-Xylene/p-Xylene	33.86
32	o-Xylene	35.22
33	Styrene	35.38
34	Isopropylbenzene/Bromoform	36.18
35	cis-1,4-Dichloro-2-Butene	36.80
36	1,1,2,2-Tetrachloroethane	37.23
37	1,2,3-Trichloropropane	37.77
38	n-Propylbenzene	37.93
39	trans-1,4-Dichloro-2-Butene	38.05
40	Bromobenzene	38.14
41	1,3,5-Trimethylbenzene	38.80
42	2-Chlorotoluene	38.82
43	4-Chlorotoluene	38.77
44	tert-Butylbenzene	39.76
45	1,2,4-Trimethylbenzene	39.91
46	Pentachloroethane	40.17
47	sec-Butylbenzene	40.52
48	p-Isopropyltoluene	41.02
49	1,3-Dichlorobenzene	41.42
50	1,4-Dichlorobenzene	41.83
51	n-Butylbenzene	42.53
52	1,2-Dichlorobenzene	43.18
53	1,2-Dibromo-3-chloropropane	46.12
54	Nitrobenzene	46.46
55	1,2,4-Trichlorobenzene	49.26
56	Hexachlorobutadiene	49.72
57	Naphthalene	50.26
58	1,2,3-Trichlorobenzene	51.16

Absolute Standards Inc.
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Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International	**1-352-323-3500**
		Date Prepared/Revised	January 1, 2023

Section II - Hazards Identification

GHS Classification In accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**



Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions Vapours may form explosive mixture with air.
Conditions to avoid Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

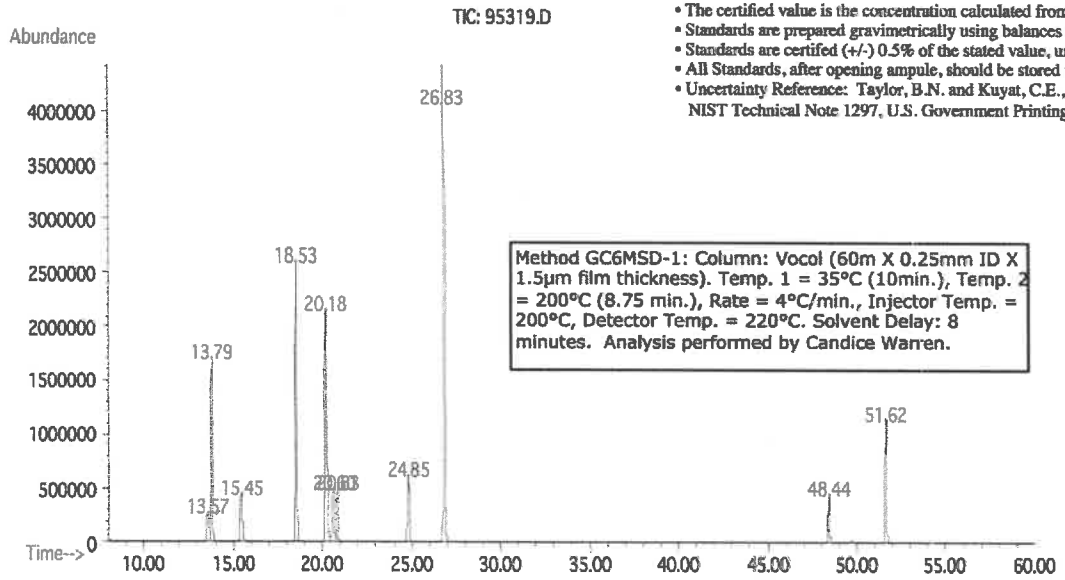
Part Number: 95319
Lot Number: 032922
Description: Revised Additions Mix
11 components
Expiration Date: 032925
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): Varied
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EC592-US

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty

Formulated By:	Prashant Chauhan	032922 DATE
Reviewed By:	Pedro L. Rentas	032922 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrylonitrile	7	4718CK	10000	99	0.2	1.01015	1.01030	10001.5	40.5	107-13-1	N/A	orl-rat 78 mg/kg
2. 1-Chlorobutane	1072	MKCM5711	2000	99.99	0.2	0.20003	0.20020	2001.7	8.1	109-69-3	N/A	orl-rat 2670mg/kg
3. Cyclohexane	1023	28930	2000	99	0.2	0.20203	0.20215	2001.2	8.2	110-82-7	300 ppm (1050mg/m3/8H)	orl-rat 12705mg/kg
4. Di-isopropyl ether (DIPE)	987	00412MX	2000	99	0.2	0.20203	0.20215	2001.2	8.2	108-20-3	500 ppm (2100mg/m3/8H)	orl-rat 8470mg/kg
5. 1,4-Dioxane	373	03853KE	40000	99	0.2	4.04060	4.04100	40004.0	161.9	123-91-1	25 ppm (90mg/m3/8H)(skin)	orl-mus 5700mg/kg
6. Hexachloroethane	199	12604HBV	2000	99	0.2	0.20203	0.20213	2001.0	8.2	67-72-1	1 ppm (10mg/m3/8H)(skin)	orl-gpg 4970mg/kg
7. Methylcyclohexane	1627	08046KN	2000	99	0.2	0.20203	0.20215	2001.2	8.2	108-87-2	N/A	N/A
8. Methyl tert-butyl ether (MTBE)	209	02197JJ	2000	99.8	0.2	0.20041	0.20055	2001.4	8.1	1634-04-4	N/A	orl-rat 4g/kg
9. Propionitrile	349	1395468	20000	99	0.2	2.02030	2.02045	20001.5	81.0	107-12-0	N/A	orl-rat 39mg/kg
10. Tetrahydrofuran	380	SHBH8330	10000	99.9	0.2	1.00105	1.00120	10001.5	40.1	109-99-9	20 ppm (590mg/m3/8H)	orl-rat 1650mg/kg
11. 1,2,3,4-Tetramethylbenzene	491	AP01	2000	93	0.2	0.21506	0.21520	2001.3	8.7	488-23-3	N/A	orl-rat 6408mg/kg



- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Method GC6MSD-1: Column: Vocol (60m X 0.25mm ID X 1.5µm film thickness). Temp. 1 = 35°C (10min.), Temp. 2 = 200°C (8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. Solvent Delay: 8 minutes. Analysis performed by Candice Warren.

Name	MSD RT (min.)
Methyl tert-butyl ether (MTBE)	13.56
Acrylonitrile	13.79
Di-isopropyl ether	15.44
Propionitrile	18.53
Tetrahydrofuran	20.17
Cyclohexane	20.58
1-Chlorobutane	20.83
Methylcyclohexane	24.84
1,4-Dioxane	26.84
Hexachloroethane	48.44
1,2,3,4-Tetramethylbenzene	51.62

Absolute Standards Inc.

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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, 2023

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**



Signal Word: DANGER

Section III - Composition

Components:	CAS#:	LD50 Oral - Rat	OSHA PEL	% (optional)
Methanol	67-56-1	2,769 mg/kg	200 ppm	> 99

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

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT

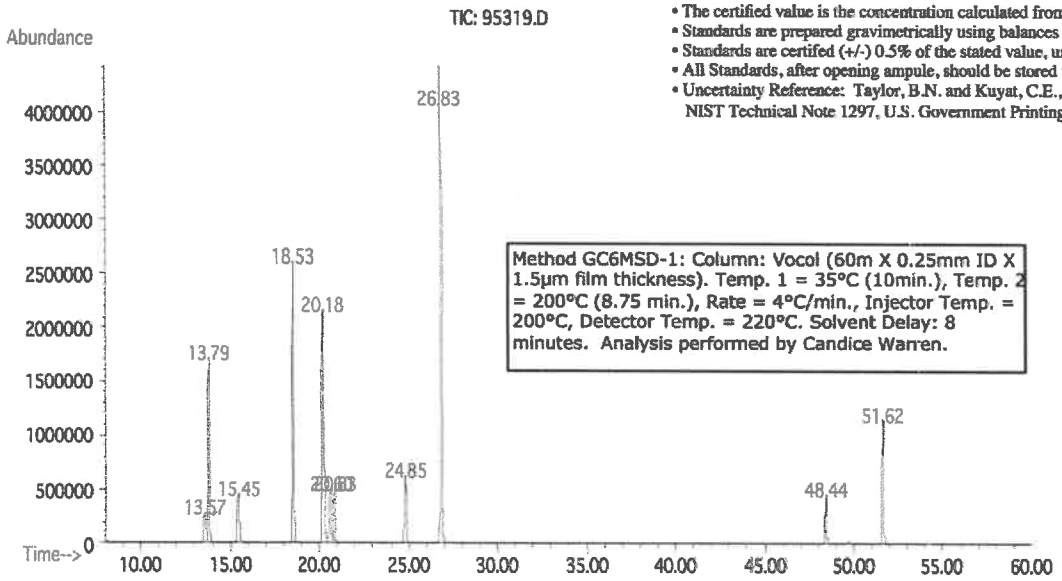
Part Number: 95319
Lot Number: 032922
Description: Revised Additions Mix
11 components
Expiration Date: 032925
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): Varied
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EC592-US

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty

Formulated By:	Prashant Chauhan	032922 DATE
Reviewed By:	Pedro L. Rentas	032922 DATE

	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Acrylonitrile	7	4718CK	10000	99	0.2	1.01015	1.01030	10001.5	40.5	107-13-1	N/A	orl-rat 78 mg/kg
2.	1-Chlorobutane	1072	MKCM5711	2000	99.99	0.2	0.20003	0.20020	2001.7	8.1	109-69-3	N/A	orl-rat 2670mg/kg
3.	Cyclohexane	1023	28930	2000	99	0.2	0.20203	0.20215	2001.2	8.2	110-82-7	300 ppm (1050mg/m3/8H)	orl-rat 12705mg/kg
4.	Di-isopropyl ether (DIPE)	987	00412MX	2000	99	0.2	0.20203	0.20215	2001.2	8.2	108-20-3	500 ppm (2100mg/m3/8H)	orl-rat 8470mg/kg
5.	1,4-Dioxane	373	03853KE	40000	99	0.2	4.04060	4.04100	40004.0	161.9	123-91-1	25 ppm (90mg/m3/8H)(skin)	orl-mus 5700mg/kg
6.	Hexachloroethane	199	12604HBV	2000	99	0.2	0.20203	0.20213	2001.0	8.2	67-72-1	1 ppm (10mg/m3/8H)(skin)	orl-gpg 4970mg/kg
7.	Methylcyclohexane	1627	08046KN	2000	99	0.2	0.20203	0.20215	2001.2	8.2	108-87-2	N/A	N/A
8.	Methyl tert-butyl ether (MTBE)	209	02197JJ	2000	99.8	0.2	0.20041	0.20055	2001.4	8.1	1634-04-4	N/A	orl-rat 4g/kg
9.	Propionitrile	349	1395468	20000	99	0.2	2.02030	2.02045	20001.5	81.0	107-12-0	N/A	orl-rat 39mg/kg
10.	Tetrahydrofuran	380	SHBH8330	10000	99.9	0.2	1.00105	1.00120	10001.5	40.1	109-99-9	20 ppm (590mg/m3/8H)	orl-rat 1650mg/kg
11.	1,2,3,4-Tetramethylbenzene	491	AP01	2000	93	0.2	0.21506	0.21520	2001.3	8.7	488-23-3	N/A	orl-rat 6408mg/kg



- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Method GC6MSD-1: Column: Vocol (60m X 0.25mm ID X 1.5µm film thickness). Temp. 1 = 35°C (10min.), Temp. 2 = 200°C (8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. Solvent Delay: 8 minutes. Analysis performed by Candice Warren.

Name	MSD RT (min.)
Methyl tert-butyl ether (MTBE)	13.56
Acrylonitrile	13.79
Di-isopropyl ether	15.44
Propionitrile	18.53
Tetrahydrofuran	20.17
Cyclohexane	20.58
1-Chlorobutane	20.83
Methylcyclohexane	24.84
1,4-Dioxane	26.84
Hexachloroethane	48.44
1,2,3,4-Tetramethylbenzene	51.62

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, 2023

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**



Signal Word: DANGER

Section III - Composition

Components:	CAS#:	LD50 Oral - Rat	OSHA PEL	% (optional)
Methanol	67-56-1	2,769 mg/kg	200 ppm	> 99

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

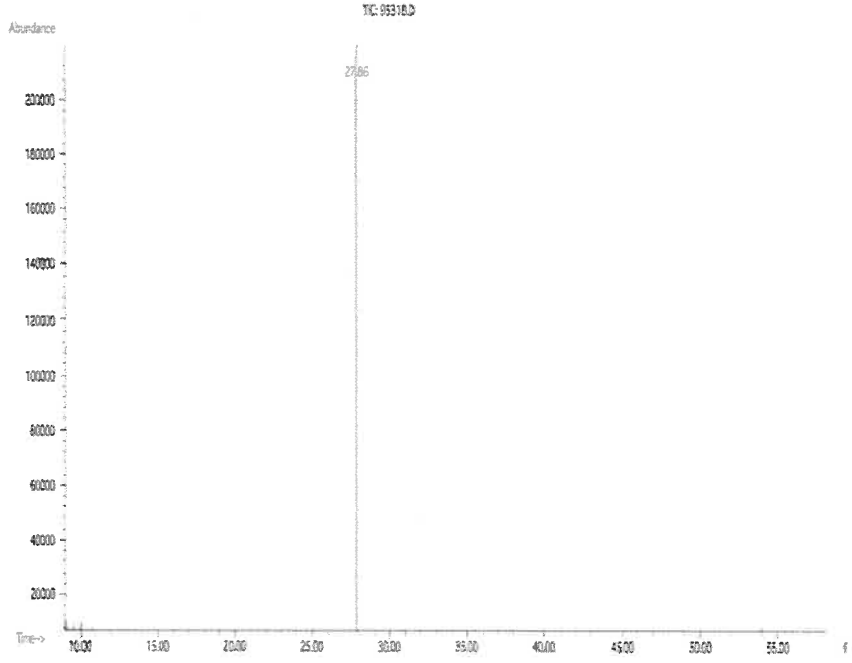
Solvent(s): Methanol **Lot#** EJ143-US

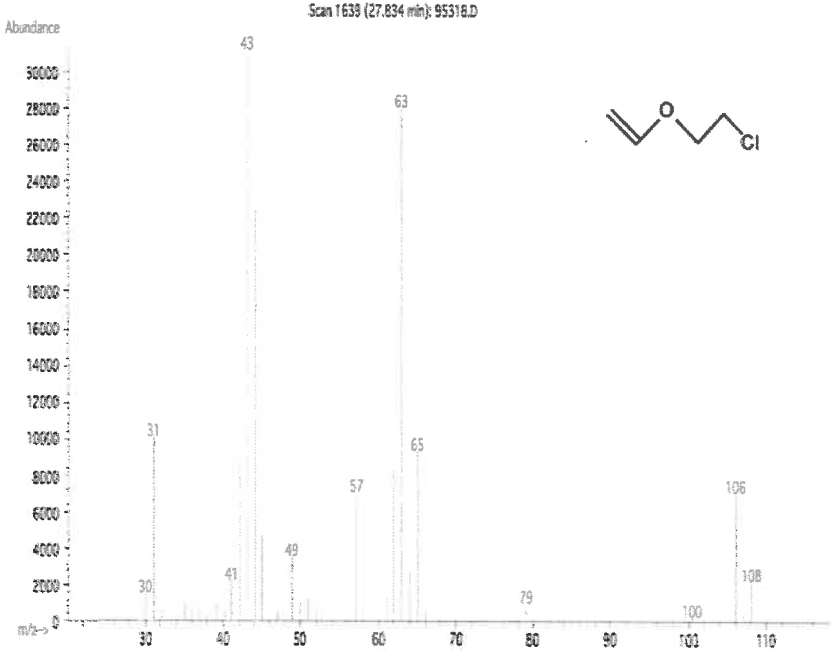
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

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.
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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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Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
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If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

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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.
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Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

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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

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LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
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Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

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LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
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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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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

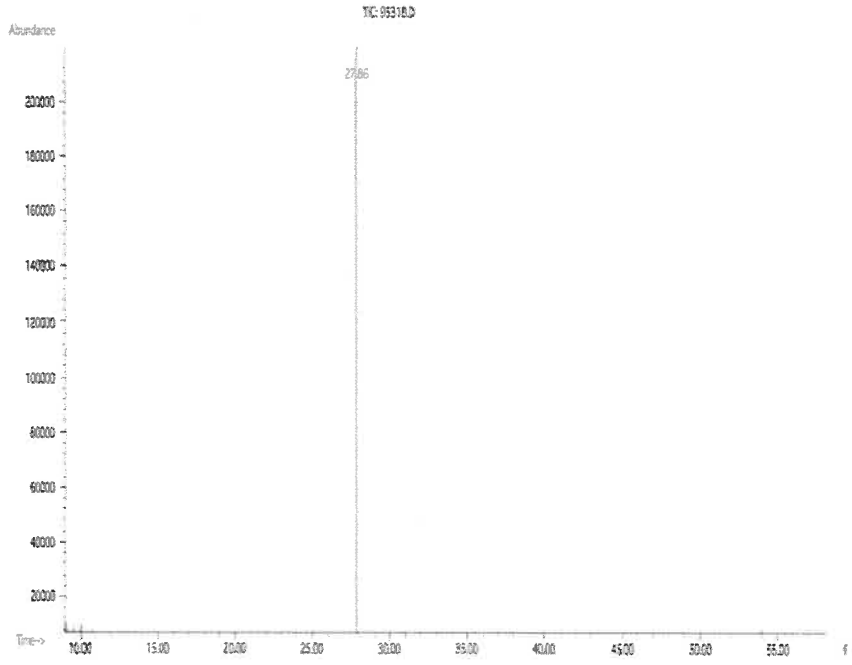
Solvent(s): Methanol **Lot#** EJ143-US

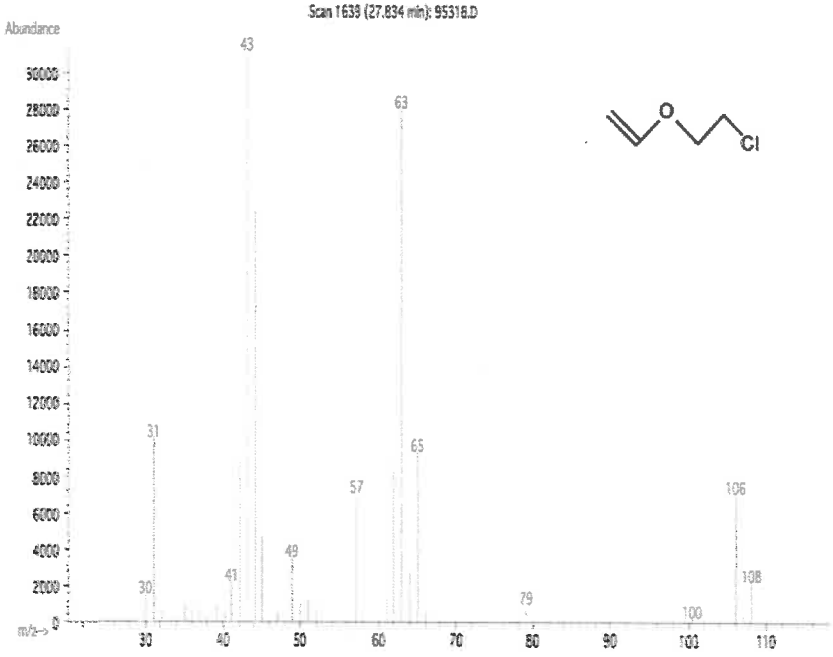
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

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

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

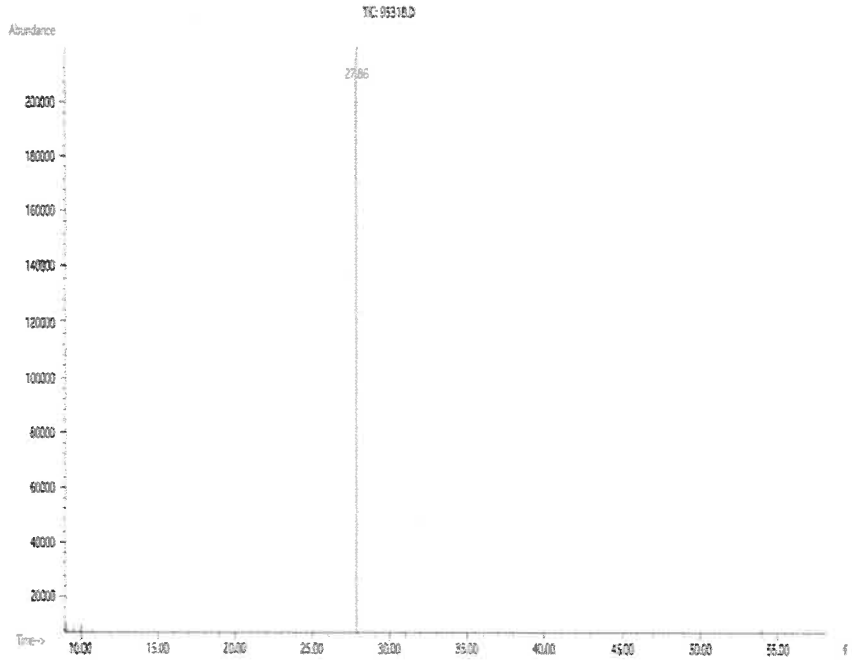
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

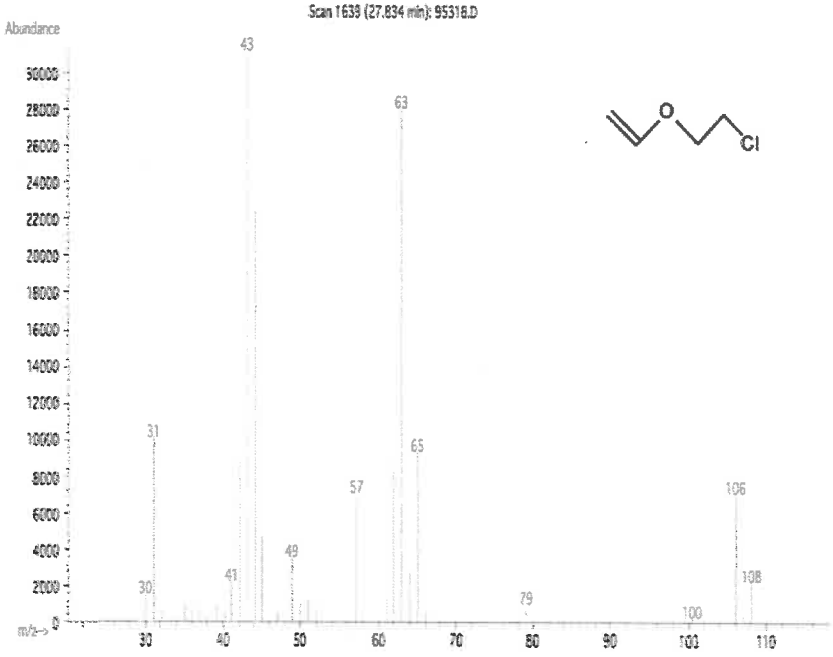
Prashant Chauhan 120524
Formulated By: Prashant Chauhan DATE

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.
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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
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Expiration Date: 120527
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Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

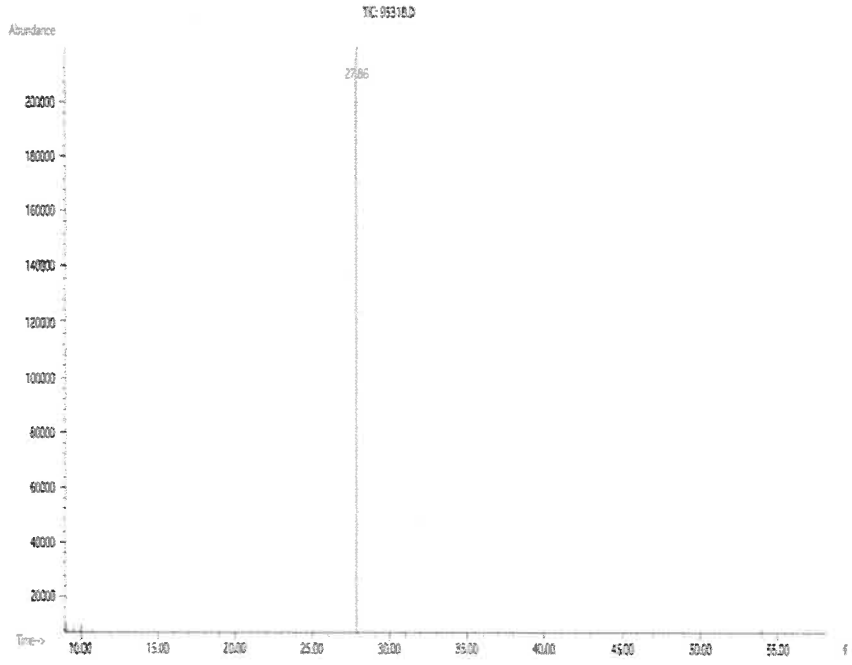
Solvent(s): Methanol **Lot#** EJ143-US

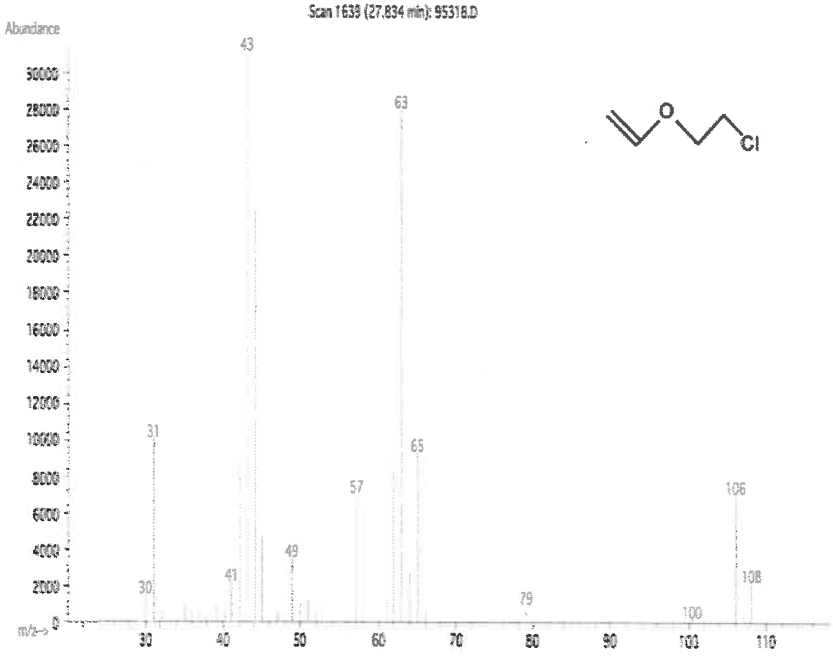
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Prashant Chauhan	120524
Formulated By: Prashant Chauhan	DATE
Pedro Rentas	120524
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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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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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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.

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Section V. FIREFIGHTING MEASURES

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Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

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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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Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 12/6/24
5 Vial

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 120524
Description: Acrolein

Expiration Date: 010525
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

Solvent(s): **Lot#**
Water 072324Q

V14650-54

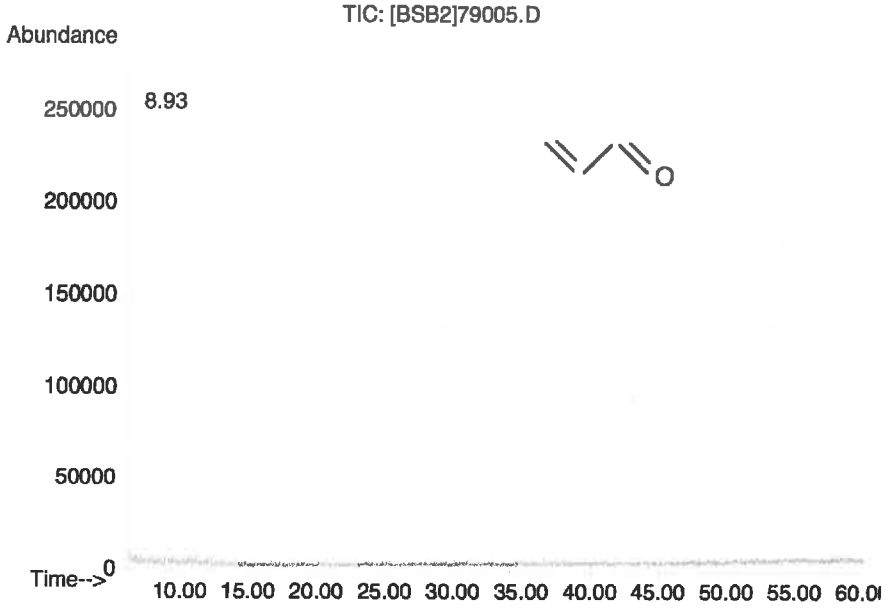
Prashant Chauhan		120524
Formulated By:	Prashant Chauhan	DATE
Pedro Rentas		120524
Reviewed By:	Pedro L. Rentas	DATE

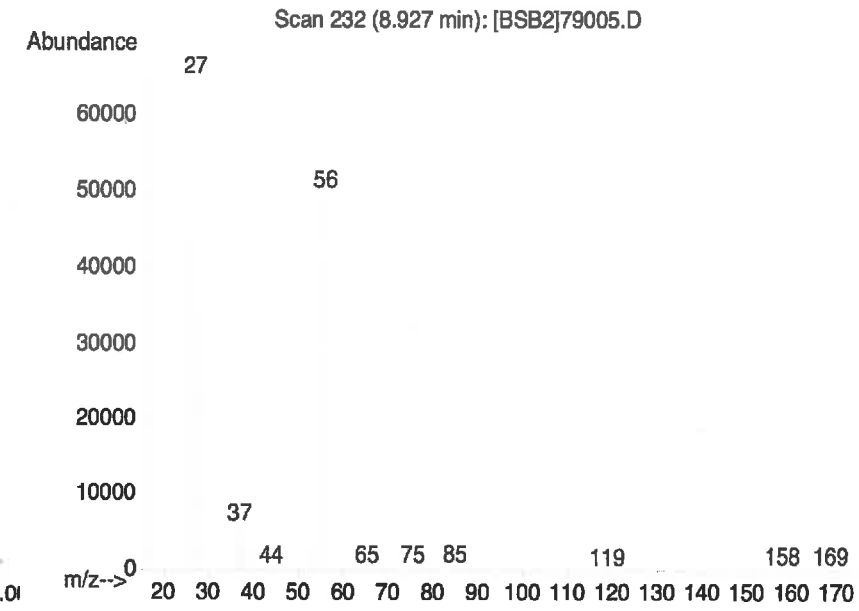
5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 20.0 0.002 Flask Uncertainty

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755R02H	5000	97	0.5	0.10307	0.10320	5006.1	51.8	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 with weights traceable to NIST (see above).**
- **Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.**
- **All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.**
- **Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).**

Absolute Standards Inc.

PO Box 5585
Hamden, CT 06518-0585

Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN WATER**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr.	Emergency Telephone International	**1-352-323-3500**
	Hamden CT, 06514	Date Prepared/Revised	January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

P271	**Use in ventilated area**	**H315**	**Causes skin and eye irritation.**
P302,332	**If on skin, wash with soap and water**	**P280**	**Use gloves, eye protection/face sheild**
		P305,351,338	**If in eyes, remove contacts, rinse with water**



Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))		% (optional)
Water	CAS#: 7732-18-5	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.
Hazardous Decomposition products	Carbon oxides

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Water	CAS#: 7732-18-5	TWA: 500 ppm

Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	100°C	Specific Gravity (H2O = 1)	1
Vapor Pressure (mm Hg)		Melting Point	

	NA		0°C
Vapor Density (AIR = 1)	NA	Evaporation rate (Butyl Acetate = 1)	NA
Solubility in Water	Completely miscible		
Appearance and Odor	CLEAR, COLORLESS LIQUID WITH SLIGHT CHEMICAL ODOR.		

Section X. STABILITY AND REACTIVITY

Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	NA
Conditions to avoid	NA
Materials to avoid	NA

Hazardous decomposition products - No data available

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - Rat	NA
LC50 Inhalation - Rat	NA
LD50 Dermal - Guinea pig	NA

Causes skin irritation.
Eye irritation

Section XII. ECOLOGICAL INFORMATION

LC50	NA
EC50	NA

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
Not dangerous goods
Proper shipping name: Water

IATA
Not dangerous goods
Proper shipping name: Water

Section XV. REGULATORY INFORMATION

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

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CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 120524
Description: Acrolein

Expiration Date: 010525
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

Solvent(s): **Lot#**
Water 072324Q

V14650-54

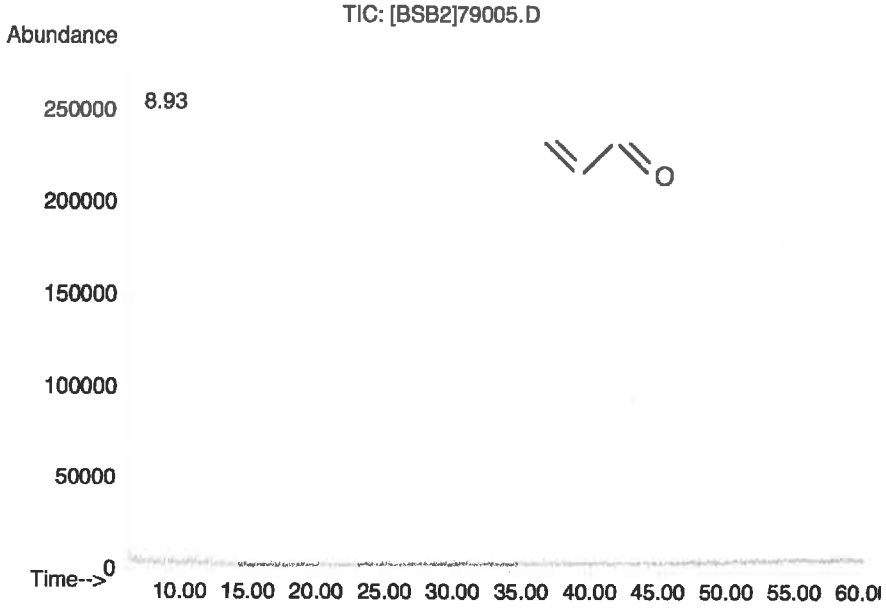
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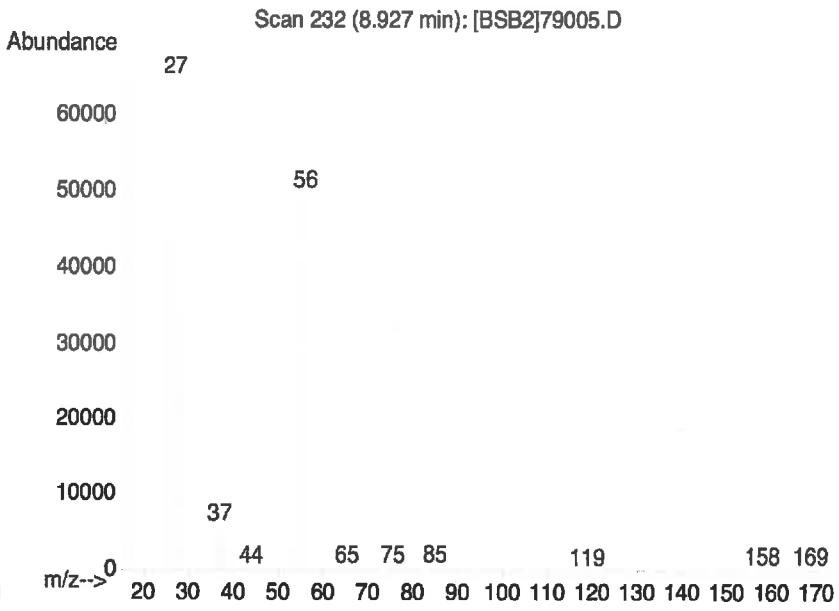
5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 20.0 0.002 Flask Uncertainty

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755R02H	5000	97	0.5	0.10307	0.10320	5006.1	51.8	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.) Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately. Long term storage is not recommended. Please contact our technical department if further information is required.





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Safety Data Sheet (SDS) GHS/OSHA Compliant

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Address	44 Rossotto Dr.	Emergency Telephone International	**1-352-323-3500**
	Hamden CT, 06514	Date Prepared/Revised	January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

P271	**Use in ventilated area**	**H315**	**Causes skin and eye irritation.**
P302,332	**If on skin, wash with soap and water**	**P280**	**Use gloves, eye protection/face sheild**
		P305,351,338	**If in eyes, remove contacts, rinse with water**



Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))		% (optional)
Water	CAS#: 7732-18-5	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.
Hazardous Decomposition products	Carbon oxides

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Water CAS#: 7732-18-5 TWA: 500 ppm

Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	100°C	Specific Gravity (H2O = 1)	1
Vapor Pressure (mm Hg)		Melting Point	

	NA		0°C
Vapor Density (AIR = 1)	NA	Evaporation rate (Butyl Acetate = 1)	NA
Solubility in Water	Completely miscible		
Appearance and Odor	CLEAR, COLORLESS LIQUID WITH SLIGHT CHEMICAL ODOR.		

Section X. STABILITY AND REACTIVITY

Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	NA
Conditions to avoid	NA
Materials to avoid	NA

Hazardous decomposition products - No data available

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - Rat	NA
LC50 Inhalation - Rat	NA
LD50 Dermal - Guinea pig	NA

Causes skin irritation.
Eye irritation

Section XII. ECOLOGICAL INFORMATION

LC50	NA
EC50	NA

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
Not dangerous goods
Proper shipping name: Water

IATA
Not dangerous goods
Proper shipping name: Water

Section XV. REGULATORY INFORMATION

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CERTIFIED WEIGHT REPORT

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Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

Solvent(s): **Lot#**
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V14650-54

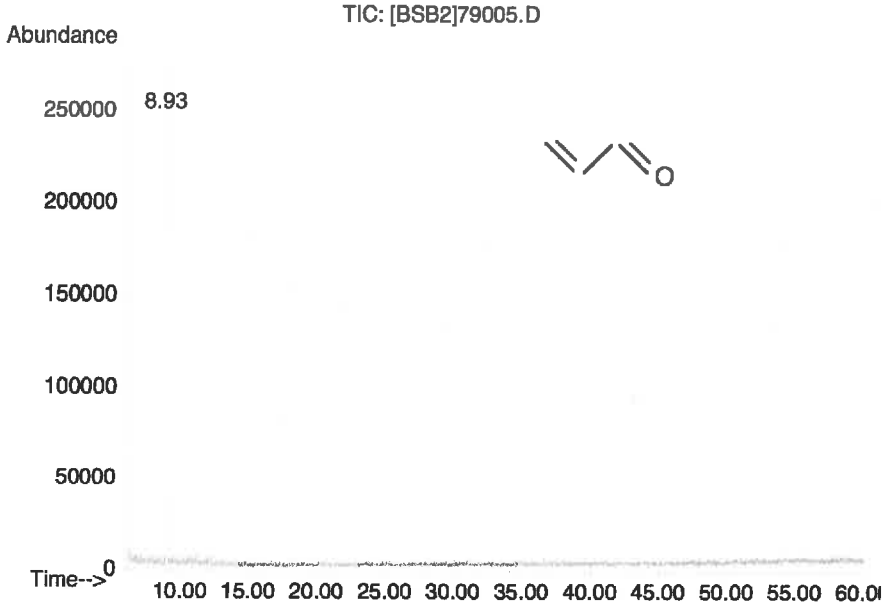
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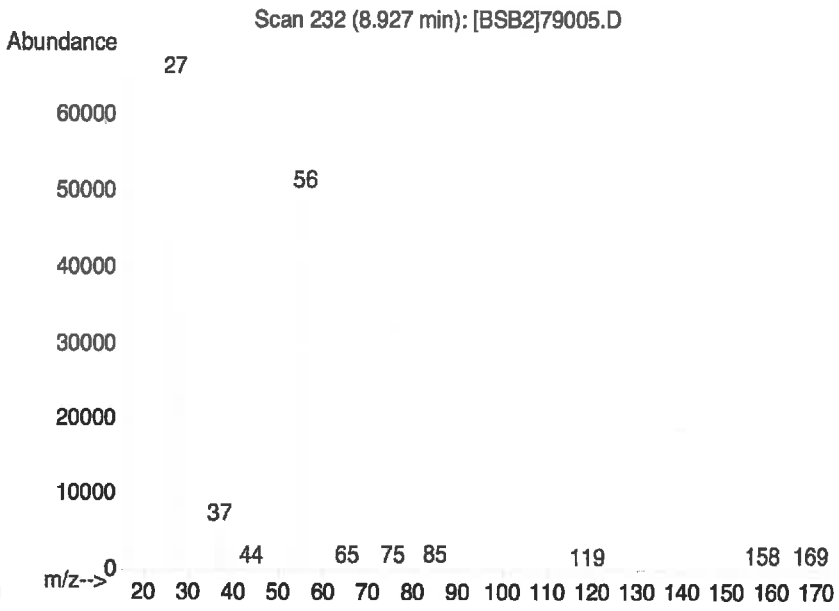
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GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

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Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))		% (optional)
Water	CAS#: 7732-18-5	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

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General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
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Hazardous Decomposition products	Carbon oxides

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Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Water CAS#: 7732-18-5 TWA: 500 ppm

Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	100°C	Specific Gravity (H2O = 1)	1
Vapor Pressure (mm Hg)		Melting Point	

	NA		0°C
Vapor Density (AIR = 1)	NA	Evaporation rate (Butyl Acetate = 1)	NA
Solubility in Water	Completely miscible		
Appearance and Odor	CLEAR, COLORLESS LIQUID WITH SLIGHT CHEMICAL ODOR.		

Section X. STABILITY AND REACTIVITY

Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	NA
Conditions to avoid	NA
Materials to avoid	NA

Hazardous decomposition products - No data available

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - Rat	NA
LC50 Inhalation - Rat	NA
LD50 Dermal - Guinea pig	NA

Causes skin irritation.
Eye irritation

Section XII. ECOLOGICAL INFORMATION

LC50	NA
EC50	NA

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
Not dangerous goods
Proper shipping name: Water

IATA
Not dangerous goods
Proper shipping name: Water

Section XV. REGULATORY INFORMATION

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Material Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

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Certificate #3222.01

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ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30470 **Lot No.:** A0181905

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 : February 28, 2025 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound		Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	tert-Butanol (TBA)		50,126.0 µg/mL	+/- 293.4988 µg/mL	Gravimetric
	CAS # 75-65-0	(Lot SHBM7694)		+/- 1,073.7654 µg/mL	Unstressed
	Purity 99%			+/- 1,104.9494 µg/mL	Stressed

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

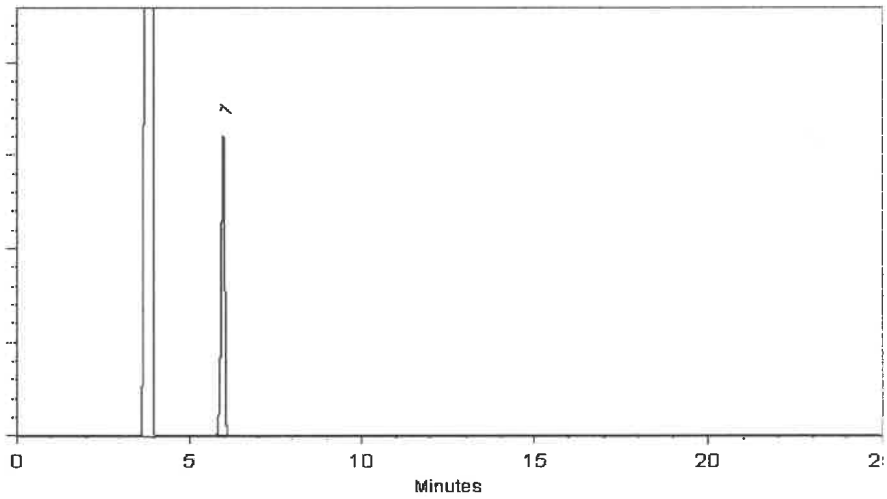
Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

John Friedline - Operations Technician I

Date Mixed: 16-Feb-2022 **Balance:** B442140311

Marlina Cowan - Operations Tech I

Date Passed: 21-Feb-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value (includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer) -20°C or colder (Deep Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30067 **Lot No.:** A0191805

Description : 4-Bromofluorobenzene Standard

4-Bromofluorobenzene Standard 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1-Bromo-4-fluorobenzene (BFB)	460-00-4	184975	99%	2,483.9 µg/mL	+/- 139.5488

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

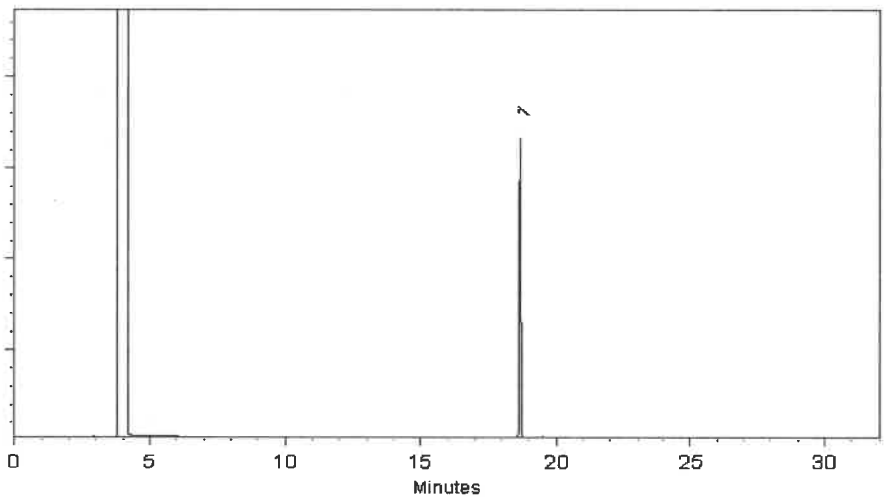
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Alicia Leathers - Operation Technician I

Date Mixed: 17-Nov-2022 **Balance Serial #** B251644995

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 21-Nov-2022

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30225 **Lot No.:** A0193071

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : December 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Bromochloromethane	74-97-5	00008541	99%	2,018.0 µg/mL	+/- 113.3890

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

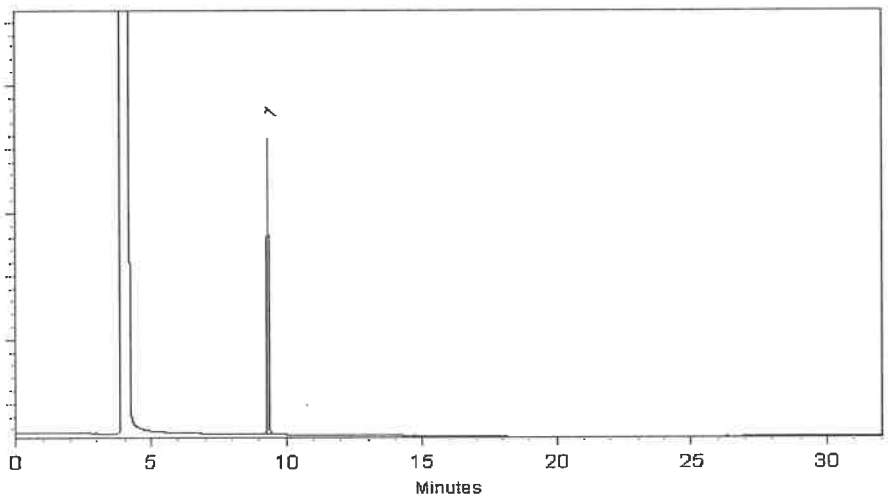
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 29-Dec-2022 **Balance Serial #** B707717271

Christie Mills - Operations Tech II - ARM QC

Date Passed: 03-Jan-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30225 **Lot No.:** A0193071

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : December 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Bromochloromethane	74-97-5	00008541	99%	2,018.0 µg/mL	+/- 113.3890

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

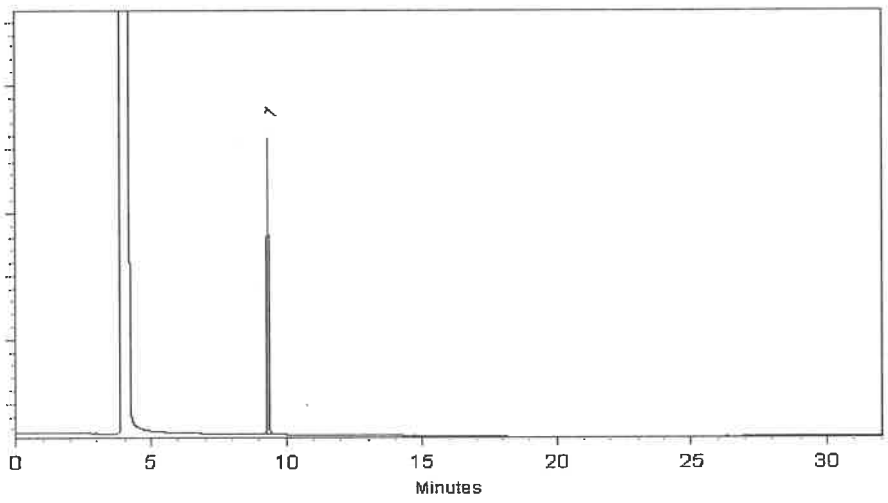
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 29-Dec-2022 **Balance Serial #** B707717271

Christie Mills - Operations Tech II - ARM QC

Date Passed: 03-Jan-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

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- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Catalog No. : 30225 **Lot No.:** A0193071

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : December 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Bromochloromethane	74-97-5	00008541	99%	2,018.0 µg/mL	+/- 113.3890

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

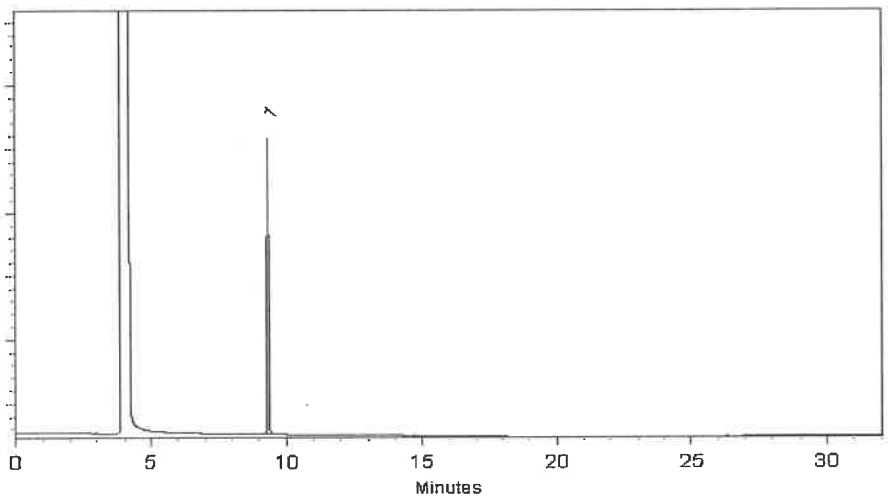
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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Tom Suckar - Mix Technician

Date Mixed: 29-Dec-2022 **Balance Serial #** B707717271

Christie Mills - Operations Tech II - ARM QC

Date Passed: 03-Jan-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

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- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

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Catalog No. : 30225 **Lot No.:** A0193071

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : December 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Bromochloromethane	74-97-5	00008541	99%	2,018.0 µg/mL	+/- 113.3890

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

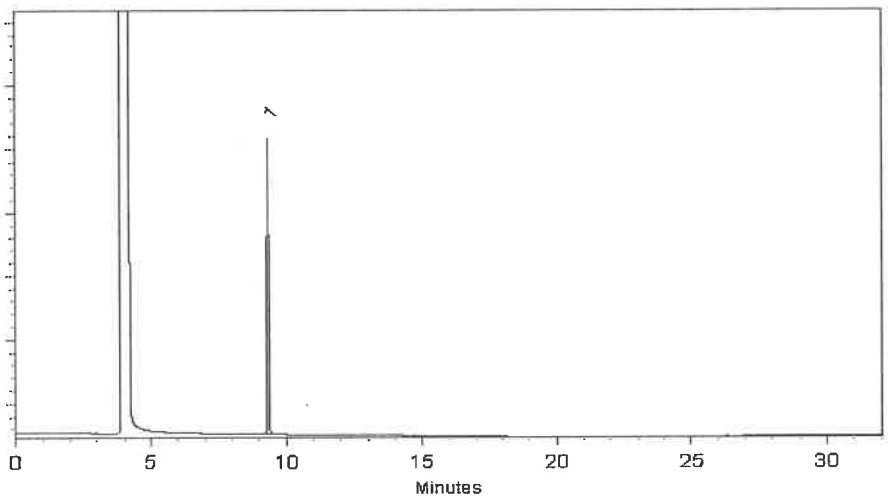
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 29-Dec-2022 **Balance Serial #** B707717271

Christie Mills - Operations Tech II - ARM QC

Date Passed: 03-Jan-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Certificate of Analysis

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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. : 30042 **Lot No.:** A0194279

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 : October 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	Dichlorodifluoromethane (CFC-12)	75-71-8	00012554	99%	2,001.5 µg/mL	+/- 112.7231
2	Chloromethane (methyl chloride)	74-87-3	SHBK6571	99%	2,001.2 µg/mL	+/- 112.5863
3	Vinyl chloride	75-01-4	00015559	99%	2,001.4 µg/mL	+/- 112.6561
4	Bromomethane (methyl bromide)	74-83-9	101604	99%	2,006.4 µg/mL	+/- 112.8262
5	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,001.9 µg/mL	+/- 112.5897
6	Trichlorofluoromethane (CFC-11)	75-69-4	MKCL8411	99%	2,000.8 µg/mL	+/- 112.6473

* 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.

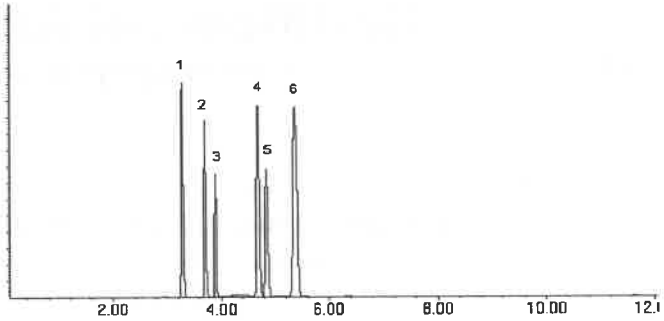
Inj. Temp:
200°C

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: 03-Feb-2023 **Balance Serial #** B707717271

Christie Mills - Operations Tech II - ARM QC

Date Passed: 07-Feb-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Certificate of Analysis

gravimetric

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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. : 555582 **Lot No.:** A0196865

Description : Custom 8260A/B Surrogate Mix

Custom 8260A/B Surrogate Mix 25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2-Dichloroethane-d4	17060-07-0	PR-32845	99%	25,036.0 µg/mL	+/- 1,417.9179
2	1-Bromo-4-fluorobenzene (BFB)	460-00-4	184975	99%	25,132.0 µg/mL	+/- 1,423.3549
3	Dibromofluoromethane	1868-53-7	022013	99%	25,040.0 µg/mL	+/- 1,418.1445
4	Toluene-d8	2037-26-5	PR-33397	99%	25,028.0 µg/mL	+/- 1,417.4648

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Russ Bookhamer - Operations Technician I

Date Mixed: 11-Apr-2023 **Balance:** 1127510105

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- 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.)

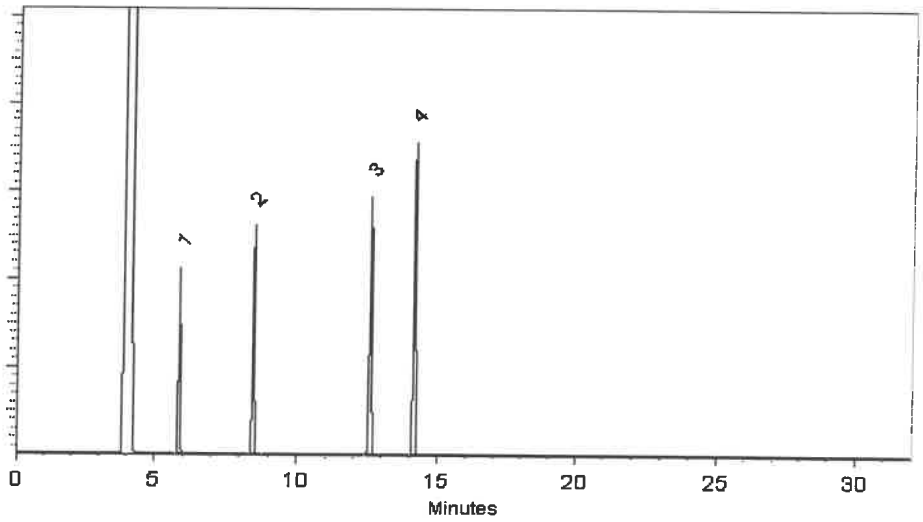
Inj. Temp:
200°C

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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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.)

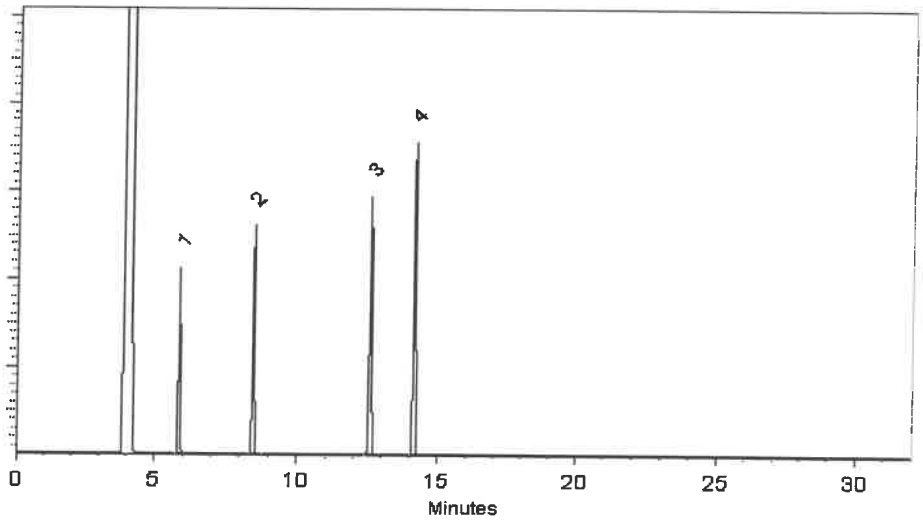
Inj. Temp:
200°C

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.)

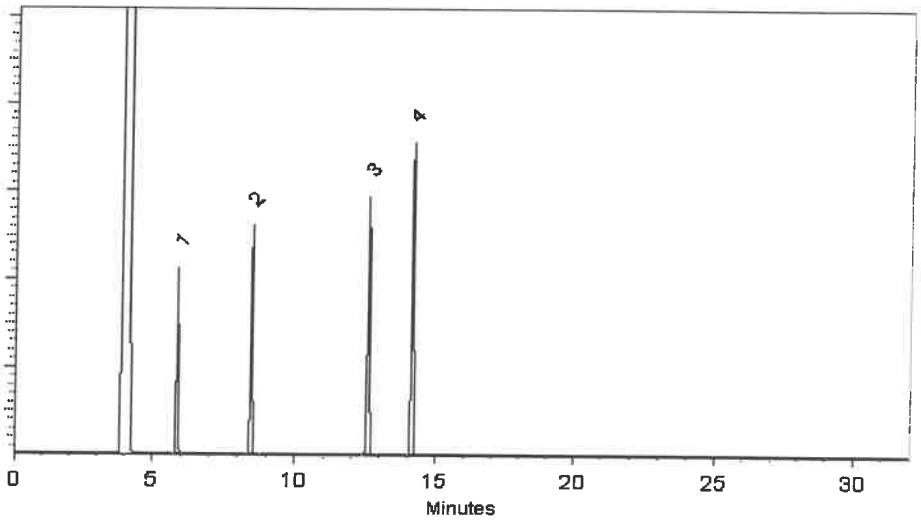
Inj. Temp:
200°C

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.
- 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

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.:** A0205179

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, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RP231030CTH	98%	8,075.2 µg/mL	+/- 279.1159

* 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.)

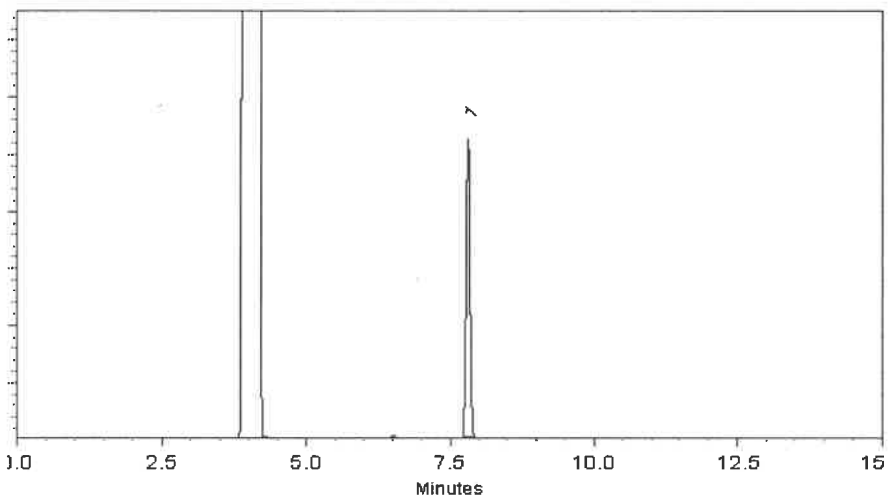
Inj. Temp:
200°C

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.

Daniel Wasson - Operations Tech I **Date Mixed:** 06-Dec-2023 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 11-Dec-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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Certificate of Analysis

chromatographic

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.:** A0205179

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, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RP231030CTH	98%	8,075.2 µg/mL	+/- 279.1159

* 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.)

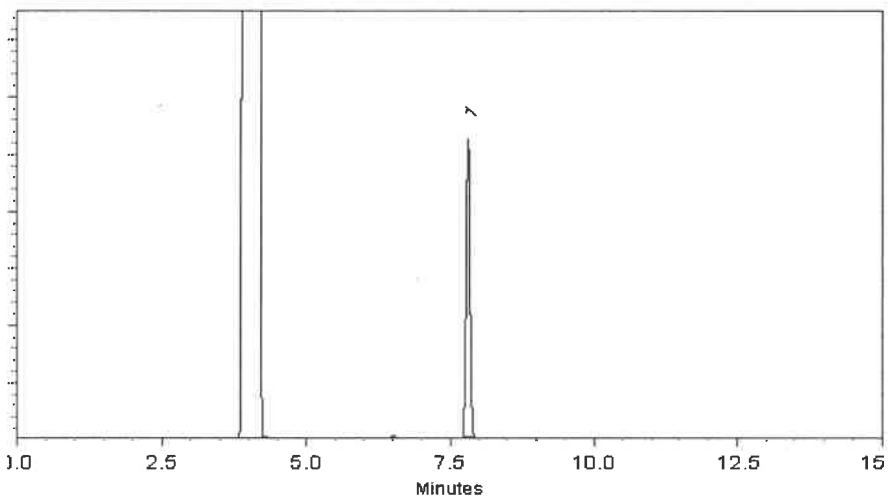
Inj. Temp:
200°C

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.

Daniel Wasson - Operations Tech I **Date Mixed:** 06-Dec-2023 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 11-Dec-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:

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30489 **Lot No.:** A0209618

Description : 8260B Acetates Mix

8260B Acetates Mix 2,000 µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Methyl acetate	79-20-9	SHBP3100	99%	2,019.3 µg/mL	+/- 69.7974
2	Vinyl acetate	108-05-4	RP231030CTH	98%	2,016.8 µg/mL	+/- 69.7112
3	Ethyl acetate	141-78-6	SHBQ9682	99%	2,010.7 µg/mL	+/- 69.4979
4	Isopropyl acetate	108-21-4	BCCG7069	99%	2,016.0 µg/mL	+/- 69.6822
5	Propyl acetate	109-60-4	P8XLN	99%	2,008.0 µg/mL	+/- 69.4057
6	Butyl acetate	123-86-4	SHBP6314	99%	2,007.3 µg/mL	+/- 69.3826
7	Amyl acetate	628-63-7	41325/1	97%	2,004.7 µg/mL	+/- 69.2905

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this

reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

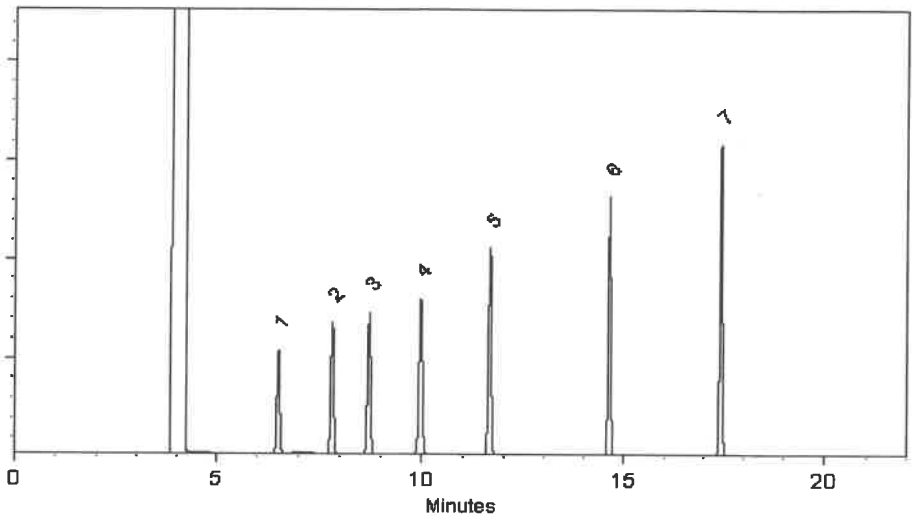
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 28-Mar-2024 **Balance Serial #** B707717271

Dillan Murphy - Operations Technician I

Date Passed: 01-Apr-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

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Handling Notes:

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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

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30489 **Lot No.:** A0209618

Description : 8260B Acetates Mix

8260B Acetates Mix 2,000 µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Methyl acetate	79-20-9	SHBP3100	99%	2,019.3 µg/mL	+/- 69.7974
2	Vinyl acetate	108-05-4	RP231030CTH	98%	2,016.8 µg/mL	+/- 69.7112
3	Ethyl acetate	141-78-6	SHBQ9682	99%	2,010.7 µg/mL	+/- 69.4979
4	Isopropyl acetate	108-21-4	BCCG7069	99%	2,016.0 µg/mL	+/- 69.6822
5	Propyl acetate	109-60-4	P8XLN	99%	2,008.0 µg/mL	+/- 69.4057
6	Butyl acetate	123-86-4	SHBP6314	99%	2,007.3 µg/mL	+/- 69.3826
7	Amyl acetate	628-63-7	41325/1	97%	2,004.7 µg/mL	+/- 69.2905

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this

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Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

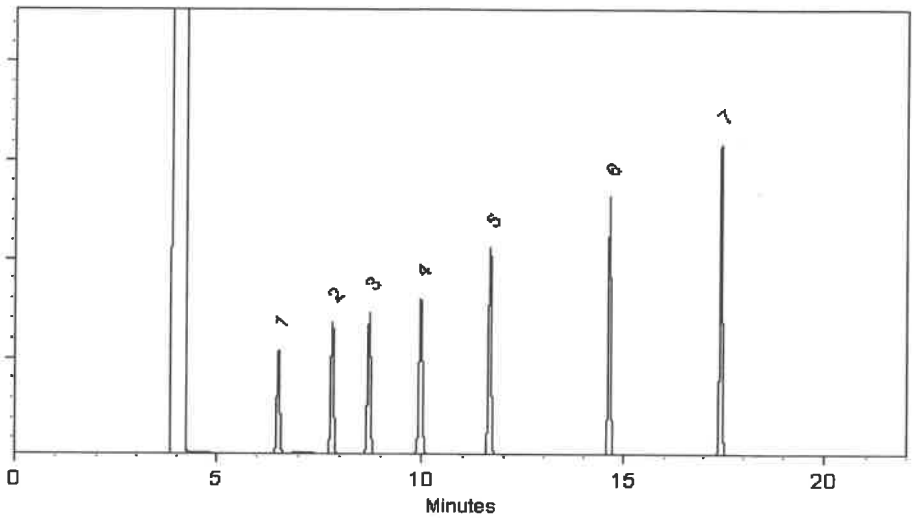
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 28-Mar-2024 **Balance Serial #** B707717271

Dillan Murphy - Operations Technician I

Date Passed: 01-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

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Certificate of Analysis

gravimetric

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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. : 555581 **Lot No.:** A0210184

Description : Custom 8260 Internal Standard Mix

Custom 8260 Internal Standard Mix 25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	25,212.0 µg/mL	+/- 1,427.8857
2	1,4-Difluorobenzene	540-36-3	MKCS8657	99%	25,220.0 µg/mL	+/- 1,428.3388
3	Chlorobenzene-d5	3114-55-4	PR-31132	99%	25,116.0 µg/mL	+/- 1,422.4487
4	Pentafluorobenzene	363-72-4	MKCR9383	99%	25,180.0 µg/mL	+/- 1,426.0734

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

John Friedline - Operations Technician I **Date Mixed:** 11-Apr-2024 **Balance:** 1127510105

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

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Certified Uncertainty Value Notes:

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Manufacturing Notes:

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Methanol
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For Purge and Trap Analysis

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Material No.: 9077-02
Batch No.: 22L0562016
Manufactured Date: 2022-10-26
Expiration Date: 2025-10-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.2 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.2
Titrable Base (µeq/g)	≤ 0.10	0.03
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis - Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

James T Ethier
Jamie Ethier
Vice President Global Quality

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

avantor™ | J.T.Baker®

Material No.: 9077-02
Batch No.: 22L0562016
Manufactured Date: 2022-10-26
Expiration Date: 2025-10-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.2 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.2
Titrable Base (µeq/g)	≤ 0.10	0.03
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis - Below EPA 8260B CRQL	Conforms	Conforms

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Country of Origin: USA
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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: P5374

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-189	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-190A-TB-20241218	QA		X	12/18/24	8:00	2		2									Trip Blank
2.	BP-VPB-190A-EB-20241218	QA		X	12/18/24	12:00	2		2									Equipment Blank
3.	BP-VPB-190A-GW-718-720	AQ		X	12/18/24	11:40	3		2	1								
4.	BP-VPB-190A-GW-748-750	AQ		X	12/19/24	13:15	6		6									MS/MSD
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

PRESERVATIVES — <-- 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.	12/20/24 14:00	1. 12.20.2024 1450
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY 2.
RELINQUISHED BY 3.	DATE/TIME 12-20-2024 1810	RECEIVED FOR LAB BY 4.

Conditions of bottles or coolers at receipt: ❑ Compliant ❑ Non Compliant ❑ Cooler Temp 2.9c
MeOH extraction requires an additional 4oz. Jar for percent solid ☒ Ice in Cooler?: Y

Comments: **48hr 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

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

Alliance TECHNICAL GROUP

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P5374 TETR06
Client Name : Tetra Tech NUS, Inc.
Client Contact : Ernie Wu
Invoice Name : Tetra Tech NUS, Inc.
Invoice Contact : Ernie Wu

Order Date : 12/20/2024 3:07:00 PM
Project Name : CTO WE13
Receive DateTime : 12/20/2024 6:10:00 PM
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
P5374-01	BP-VPB-190A-TB-20241218	Water	12/18/2024	08:00					
					VOCMS Group1		8260-Low	2 Bus. Days	
P5374-02	BP-VPB-190A-EB-20241218	Water	12/18/2024	12:00					
					VOCMS Group1		8260-Low	2 Bus. Days	
P5374-03	BP-VPB-190A-GW-718-720	Water	12/18/2024	11:40					
					VOCMS Group1		8260-Low	2 Bus. Days	
P5374-04	BP-VPB-190A-GW-~~745~~-750 748	Water	12/19/2024	13:15					
					VOCMS Group1		8260-Low	2 Bus. Days	
P5374-05	P5374-04MS	Water	12/19/2024	13:15					
					VOCMS Group1		8260-Low	2 Bus. Days	
P5374-06	P5374-04MSD	Water	12/19/2024	13:15					
					VOCMS Group1		8260-Low	2 Bus. Days	

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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 : 12/23/24 1185

Received By :
Date / Time : 12.23.24 11:85

Storage Area : VOA Refridgerator Room

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044219.D
Acq On : 11 Dec 2024 10:41
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Dec 12 04:12:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.543	168	141947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	253574	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	213862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	3407	1.369	ug/l	0.01
Spiked Amount 50.000	Range 74 - 125		Recovery =	2.740%#		
35) Dibromofluoromethane	5.385	113	2117	1.205	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	2.420%#		
50) Toluene-d8	8.653	98	6848	1.156	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	2.320%#		
62) 4-Bromofluorobenzene	11.091	95	2398	1.158	ug/l	0.01
Spiked Amount 50.000	Range 77 - 121		Recovery =	2.320%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	2491	1.135	ug/l	98
3) Chloromethane	1.300	50	2109	1.005	ug/l	98
4) Vinyl Chloride	1.373	62	2285	1.045	ug/l #	85
5) Bromomethane	1.593	94	1882	1.213	ug/l	94
6) Chloroethane	1.672	64	1176	0.864	ug/l	92
7) Trichlorofluoromethane	1.867	101	4491	1.049	ug/l	96
8) Diethyl Ether	2.129	74	1651	1.130	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.318	101	1796	1.037	ug/l	95
10) Methyl Iodide	2.440	142	2045	0.896	ug/l	99
11) Tert butyl alcohol	2.989	59	972	2.776	ug/l #	71
12) 1,1-Dichloroethene	2.306	96	1454	0.914	ug/l	90
13) Acrolein	2.233	56	2449	4.823	ug/l	84
14) Allyl chloride	2.660	41	2551	0.963	ug/l #	91
15) Acrylonitrile	3.068	53	4528	4.660	ug/l	98
16) Acetone	2.385	43	5096	5.022	ug/l	97
17) Carbon Disulfide	2.501	76	2387	0.789	ug/l	99
18) Methyl Acetate	2.702	43	2739	1.047	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	5832	0.939	ug/l #	91
20) Methylene Chloride	2.776	84	1928	1.012	ug/l #	74
21) trans-1,2-Dichloroethene	3.080	96	1703	1.007	ug/l #	79
22) Diisopropyl ether	3.763	45	5792	0.971	ug/l #	83
23) Vinyl Acetate	3.733	43	17578	3.623	ug/l	100
24) 1,1-Dichloroethane	3.605	63	3040	0.914	ug/l	96
25) 2-Butanone	4.586	43	6380	4.423	ug/l	96
26) 2,2-Dichloropropane	4.464	77	2220	0.821	ug/l	85
27) cis-1,2-Dichloroethene	4.489	96	2296	1.069	ug/l	81
28) Bromochloromethane	4.909	49	1641	1.006	ug/l #	72
29) Tetrahydrofuran	5.025	42	4158	4.491	ug/l #	84
30) Chloroform	5.086	83	3943	1.055	ug/l	91
31) Cyclohexane	5.470	56	2594	0.966	ug/l #	80
32) 1,1,1-Trichloroethane	5.379	97	2818	0.908	ug/l #	48
36) 1,1-Dichloropropene	5.684	75	1178	0.519	ug/l	92
37) Ethyl Acetate	4.727	43	2718	0.969	ug/l #	71
38) Carbon Tetrachloride	5.678	117	2454	1.004	ug/l #	73
39) Methylcyclohexane	7.366	83	2606	0.960	ug/l	93
40) Benzene	6.037	78	6864	0.996	ug/l	92

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044219.D
Acq On : 11 Dec 2024 10:41
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Dec 12 04:12:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	390	0.262	ug/l	#	1
42) 1,2-Dichloroethane	6.092	62	2810	0.990	ug/l		93
43) Isopropyl Acetate	6.354	43	3734	0.851	ug/l		98
44) Trichloroethene	7.122	130	1806	1.051	ug/l		71
45) 1,2-Dichloropropane	7.433	63	1865	1.059	ug/l	#	74
46) Dibromomethane	7.592	93	1251	0.916	ug/l		97
47) Bromodichloromethane	7.830	83	1926	0.816	ug/l	#	74
48) Methyl methacrylate	7.720	41	2168	1.018	ug/l	#	77
49) 1,4-Dioxane	7.702	88	289	7.943	ug/l	#	71
51) 4-Methyl-2-Pentanone	8.579	43	12824	4.547	ug/l		95
52) Toluene	8.720	92	4606	1.064	ug/l		92
53) t-1,3-Dichloropropene	8.988	75	1716	1.694	ug/l	#	78
54) cis-1,3-Dichloropropene	8.366	75	2048	0.797	ug/l	#	75
55) 1,1,2-Trichloroethane	9.159	97	1710	0.994	ug/l	#	83
56) Ethyl methacrylate	9.128	69	2490	0.917	ug/l	#	85
57) 1,3-Dichloropropane	9.317	76	2929	0.979	ug/l		94
58) 2-Chloroethyl Vinyl ether	8.244	63	5621	4.105	ug/l		96
59) 2-Hexanone	9.439	43	8199	4.017	ug/l		98
60) Dibromochloromethane	9.524	129	1289	1.953	ug/l		97
61) 1,2-Dibromoethane	9.610	107	1535	0.877	ug/l		95
64) Tetrachloroethene	9.274	164	1536	1.082	ug/l		86
65) Chlorobenzene	10.079	112	4835	1.055	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.158	131	1288	0.875	ug/l	#	63
67) Ethyl Benzene	10.195	91	7924	1.001	ug/l	#	88
68) m/p-Xylenes	10.305	106	5583	1.922	ug/l		98
69) o-Xylene	10.640	106	2933	0.998	ug/l		96
70) Styrene	10.658	104	4306	0.914	ug/l		94
71) Bromoform	10.805	173	584	1.847	ug/l	#	72
73) Isopropylbenzene	10.963	105	6474	0.957	ug/l		100
74) N-amyl acetate	10.847	43	2536	0.811	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.219	83	2491	1.061	ug/l		95
76) 1,2,3-Trichloropropane	11.244	75	2810	1.402	ug/l		81
77) Bromobenzene	11.201	156	1783	1.087	ug/l		91
78) n-propylbenzene	11.305	91	6606	0.884	ug/l		86
79) 2-Chlorotoluene	11.366	91	5194	1.075	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	5417	0.966	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.030	75	402	6.098	ug/l		86
82) 4-Chlorotoluene	11.457	91	5236	0.978	ug/l		98
83) tert-Butylbenzene	11.713	119	5601	1.011	ug/l		91
84) 1,2,4-Trimethylbenzene	11.756	105	4769	0.866	ug/l		95
85) sec-Butylbenzene	11.890	105	6500	0.966	ug/l		99
86) p-Isopropyltoluene	12.012	119	5210	0.930	ug/l		93
87) 1,3-Dichlorobenzene	11.975	146	2684	0.937	ug/l		94
88) 1,4-Dichlorobenzene	11.975	146	2684	0.912	ug/l		94
89) n-Butylbenzene	12.335	91	3973	0.844	ug/l		94
90) Hexachloroethane	12.536	117	632	0.773	ug/l		95
91) 1,2-Dichlorobenzene	12.335	146	3082	1.036	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	392	0.860	ug/l		70
93) 1,2,4-Trichlorobenzene	13.591	180	1361	0.835	ug/l		92
94) Hexachlorobutadiene	13.725	225	689	1.051	ug/l		96
95) Naphthalene	13.780	128	5167	0.812	ug/l	#	94
96) 1,2,3-Trichlorobenzene	13.963	180	1509	0.873	ug/l		95

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044219.D
Acq On : 11 Dec 2024 10:41
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Dec 12 04:12:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

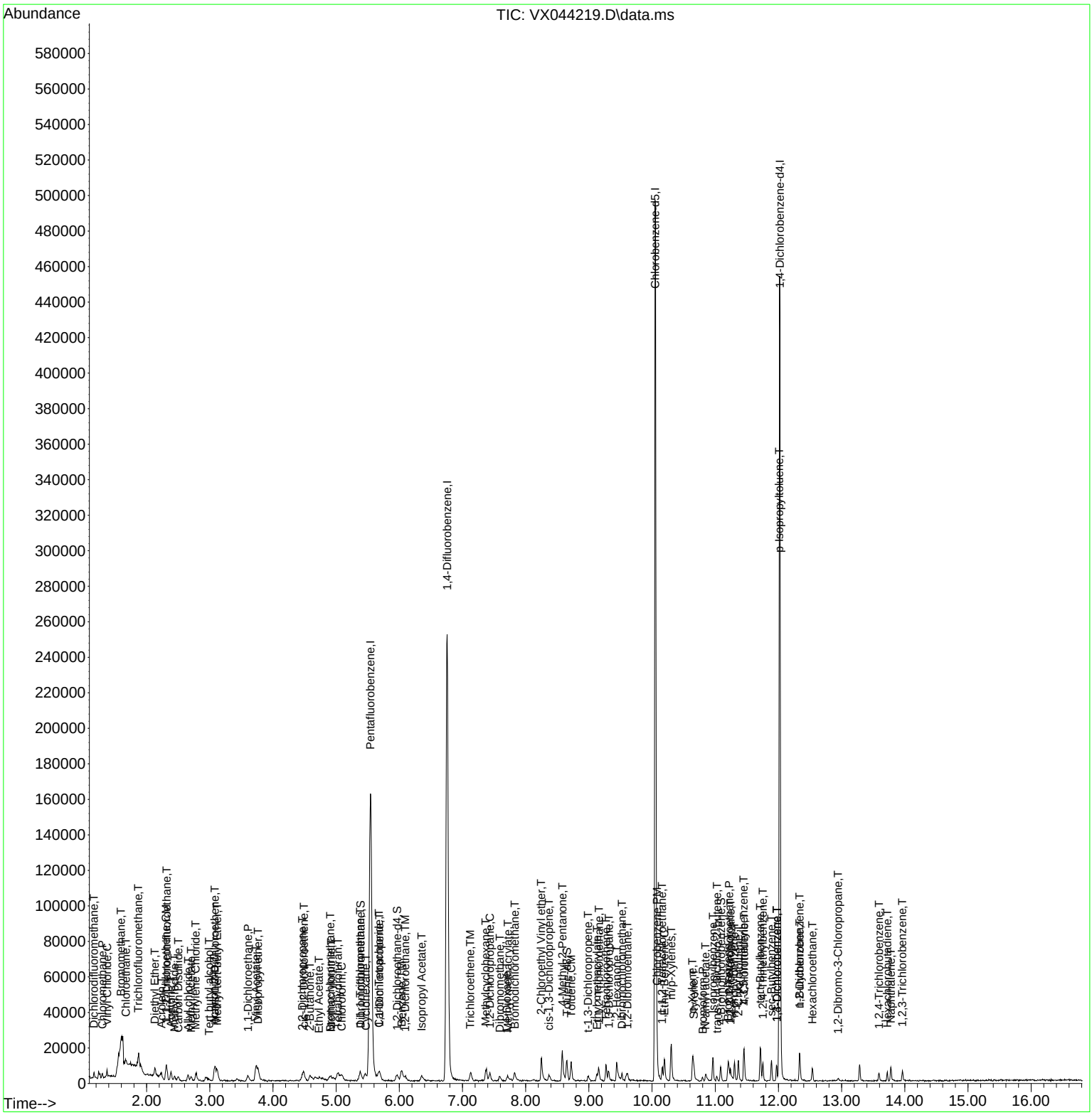
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

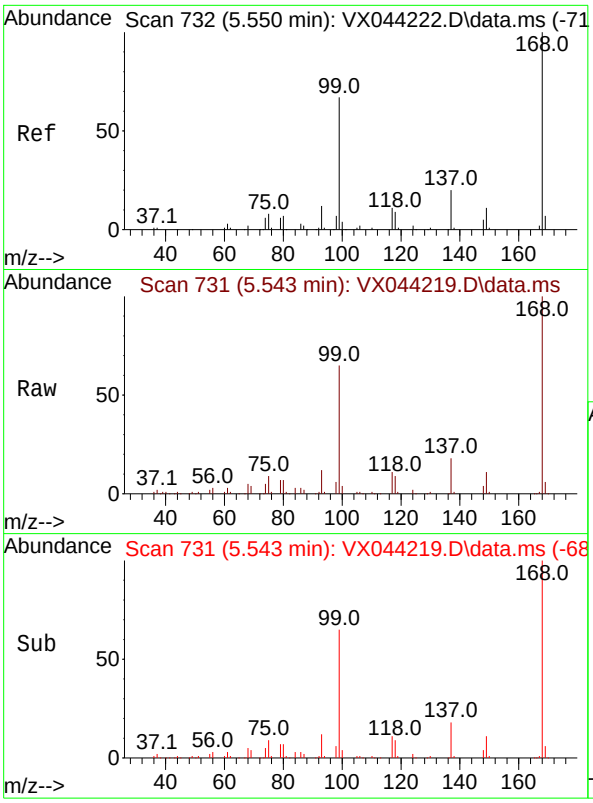
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044219.D
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MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Dec 12 04:12:24 2024
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Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration



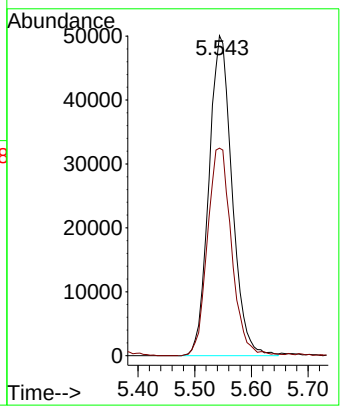


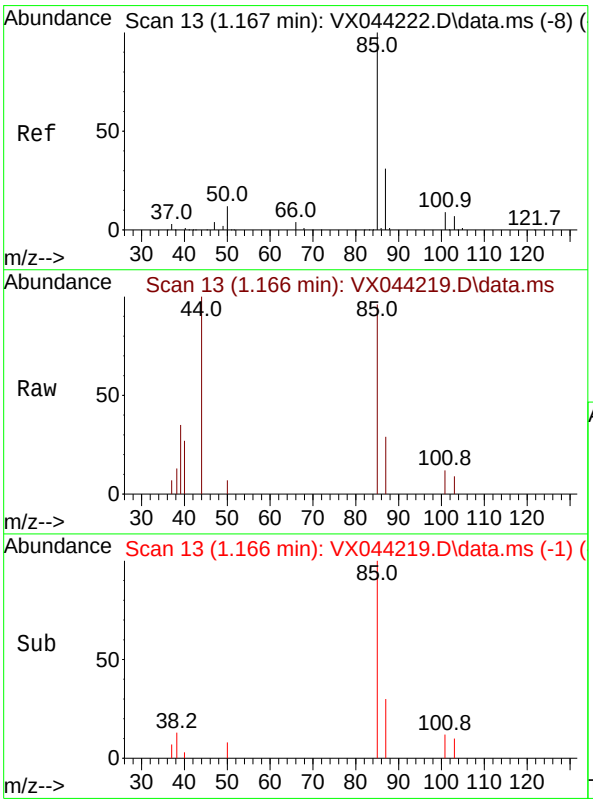
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:168 Resp: 141947

Ion	Ratio	Lower	Upper
168	100		
99	64.9	53.4	80.0

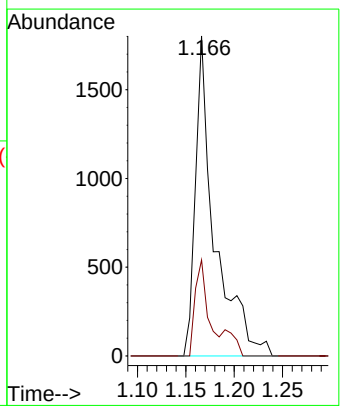


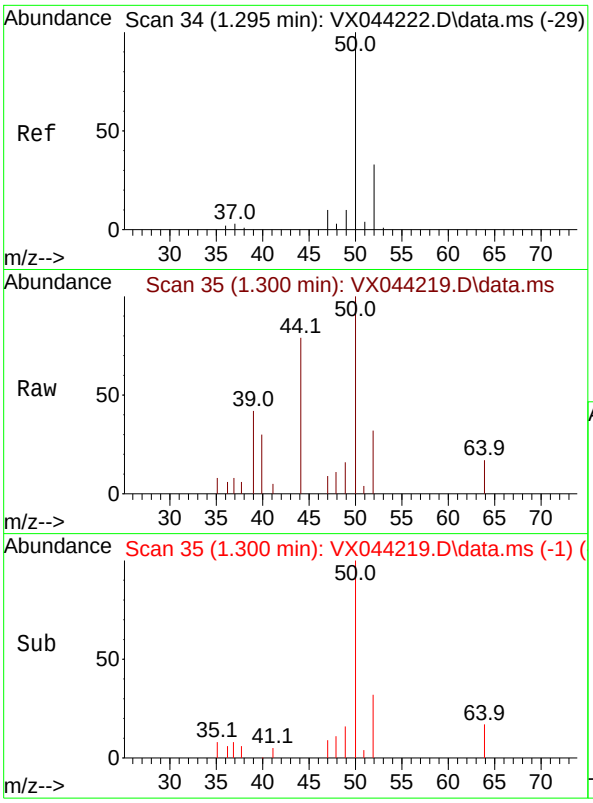


#2
Dichlorodifluoromethane
Concen: 1.135 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 85 Resp: 2491

Ion	Ratio	Lower	Upper
85	100		
87	30.0	15.4	46.4



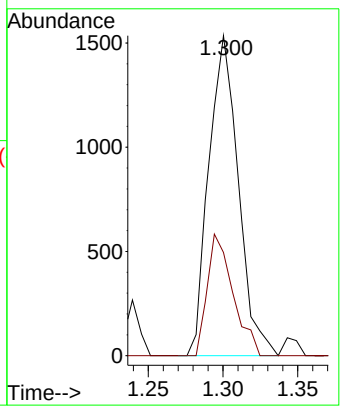


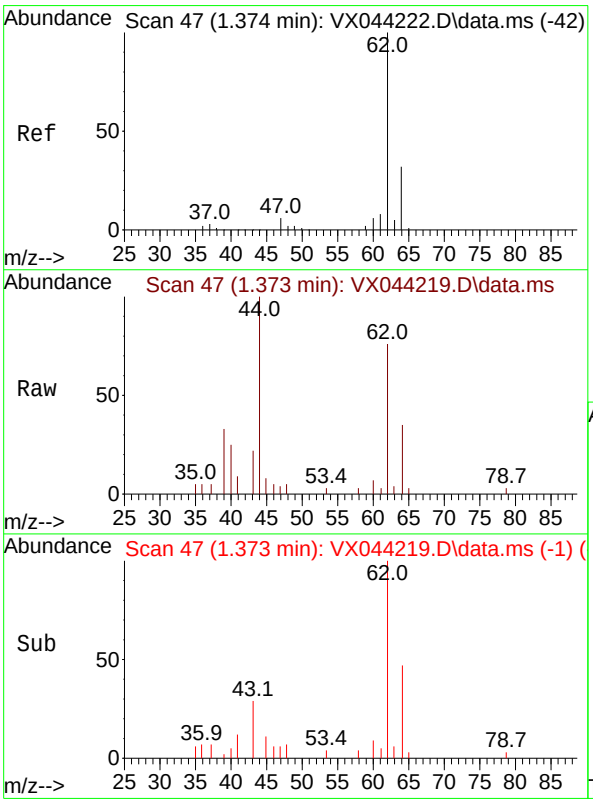
#3
Chloromethane
Concen: 1.005 ug/l
RT: 1.300 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 50 Resp: 2109

Ion	Ratio	Lower	Upper
50	100		
52	32.2	26.5	39.7

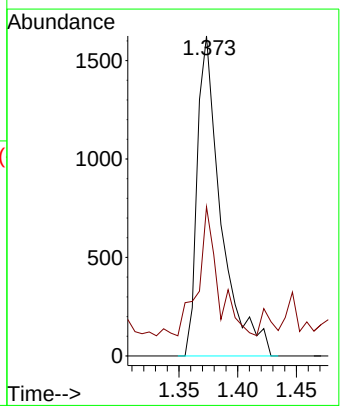


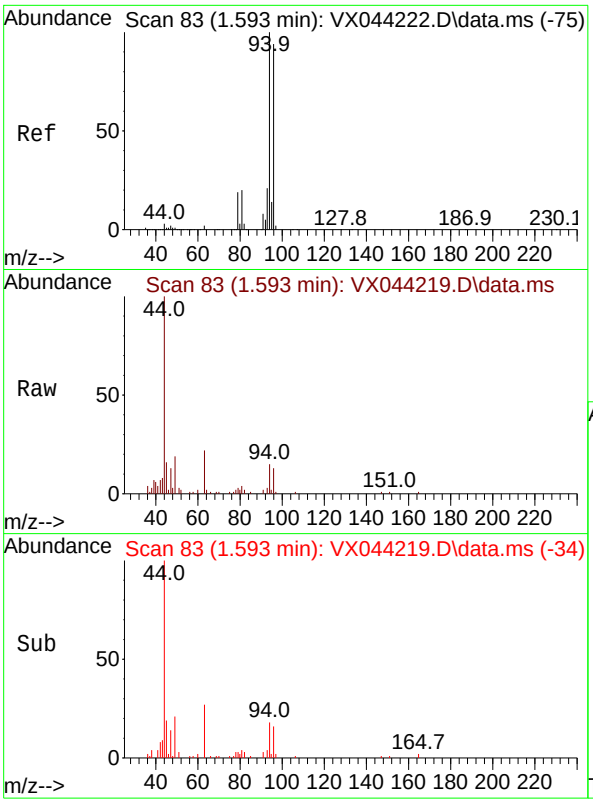


#4
Vinyl Chloride
Concen: 1.045 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 62 Resp: 2285

Ion	Ratio	Lower	Upper
62	100		
64	40.3	25.7	38.5#



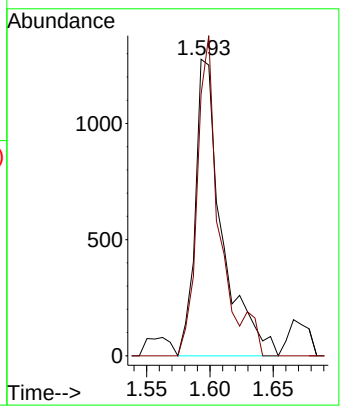


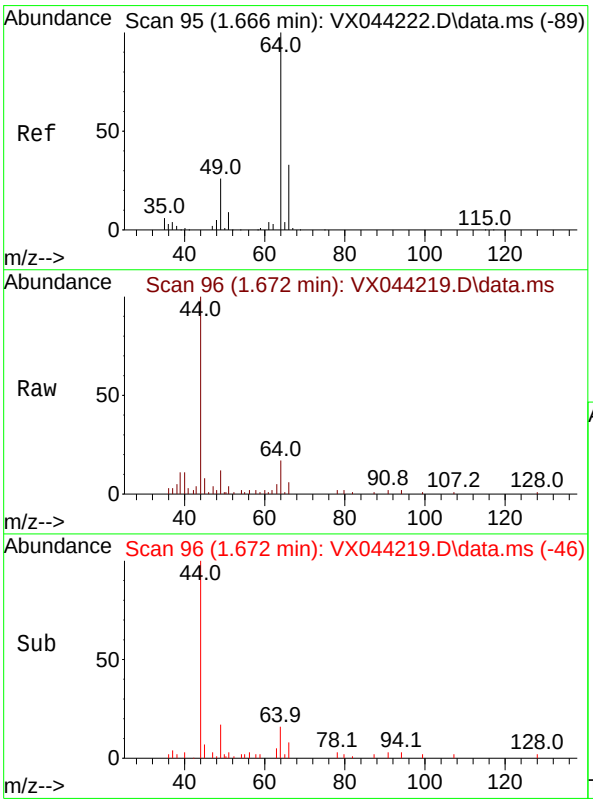
#5
Bromomethane
Concen: 1.213 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 94 Resp: 1882

Ion	Ratio	Lower	Upper
94	100		
96	88.2	74.9	112.3

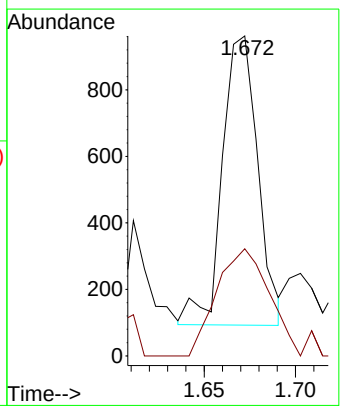


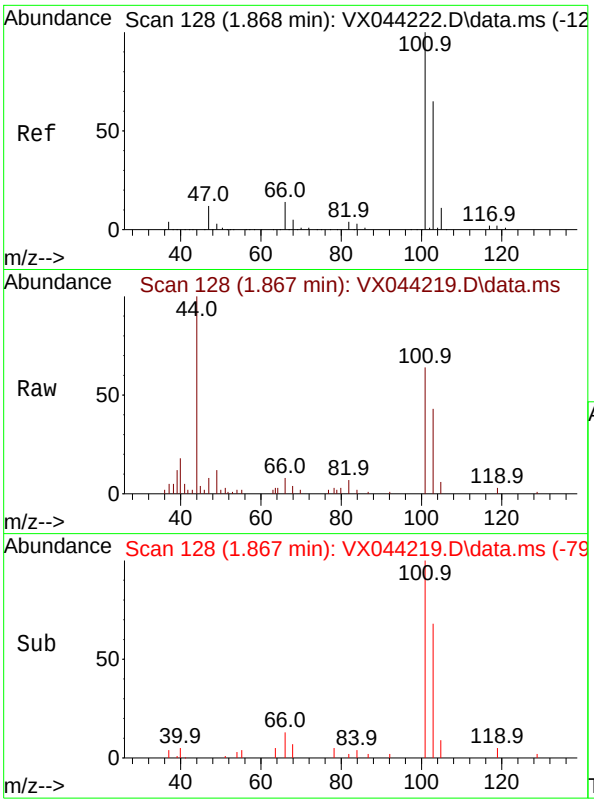


#6
Chloroethane
Concen: 0.864 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 64 Resp: 1176

Ion	Ratio	Lower	Upper
64	100		
66	37.6	26.6	39.8



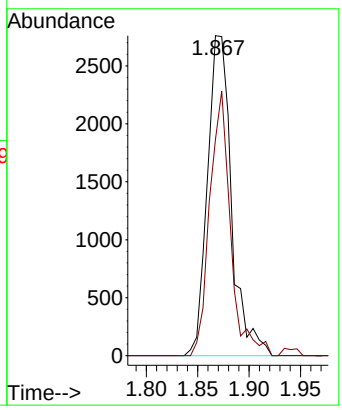


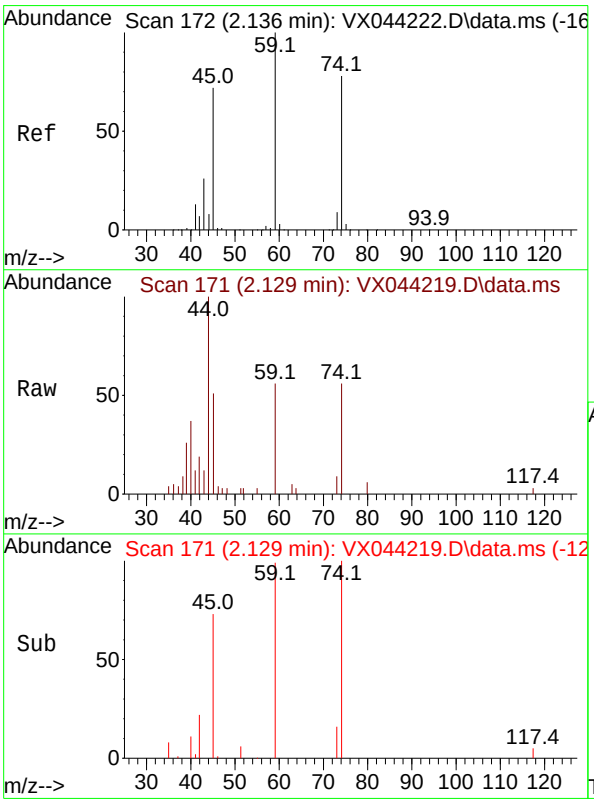
#7
Trichlorofluoromethane
Concen: 1.049 ug/l
RT: 1.867 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 4491

Ion	Ratio	Lower	Upper
101	100		
103	67.7	51.8	77.8

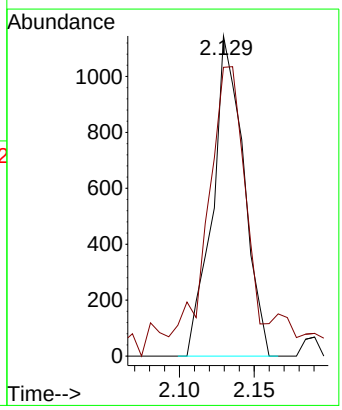


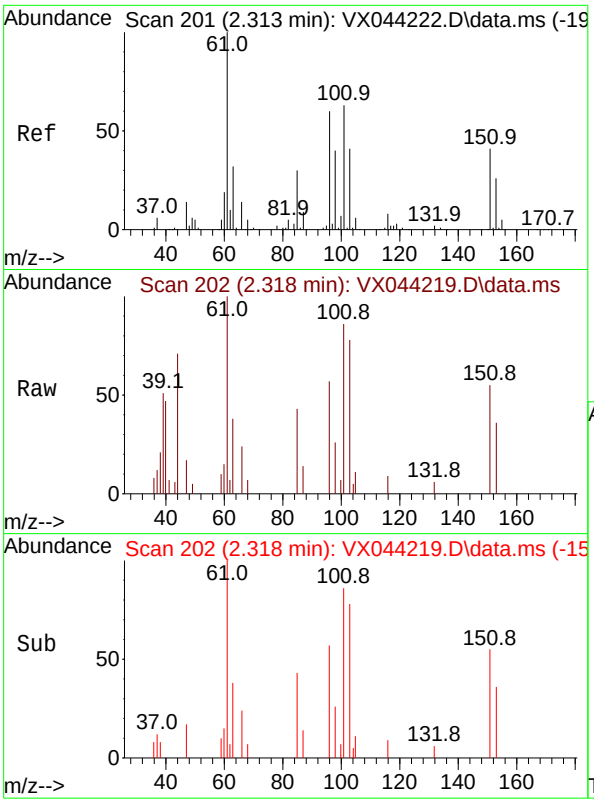


#8
Diethyl Ether
Concen: 1.130 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 74 Resp: 1651

Ion	Ratio	Lower	Upper
74	100		
45	118.0	48.4	145.0



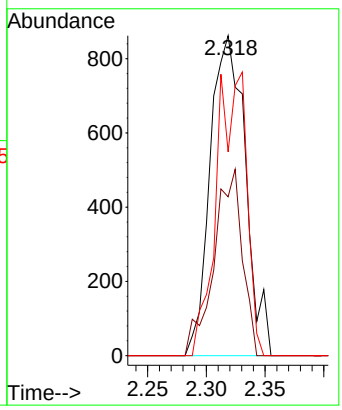


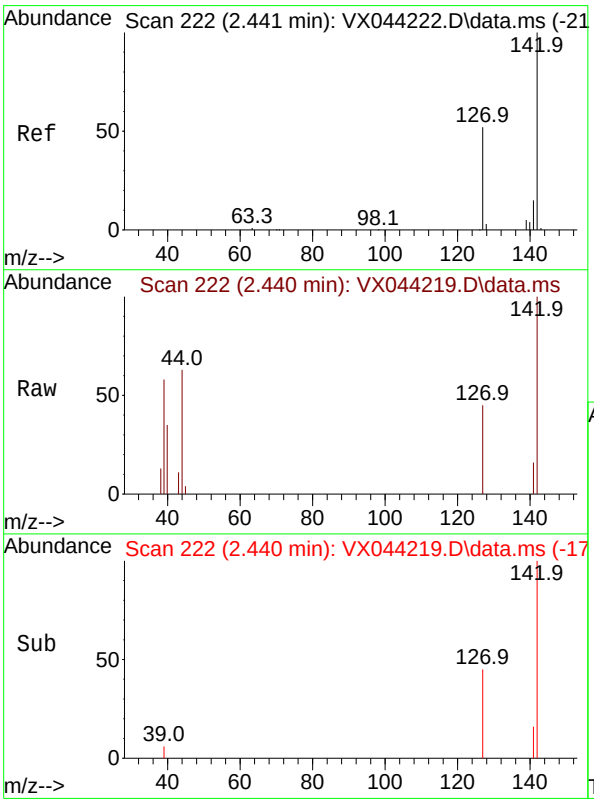
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.037 ug/l
RT: 2.318 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 1796

Ion	Ratio	Lower	Upper
101	100		
85	47.3	38.5	57.7
151	76.1	55.8	83.6

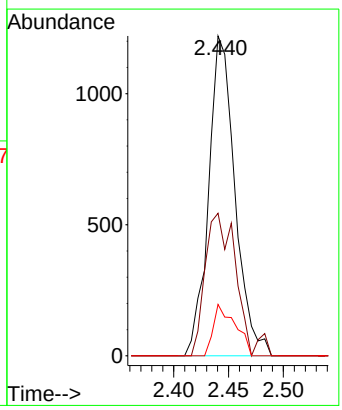


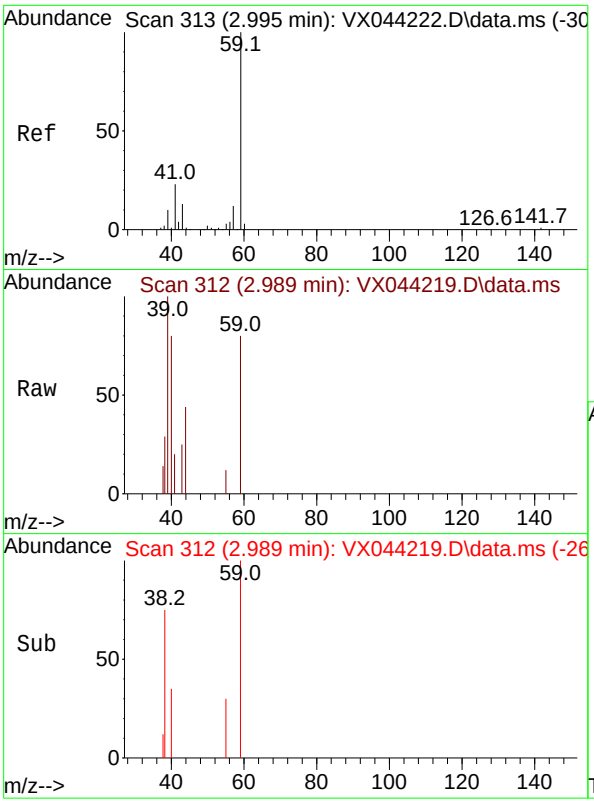


#10
Methyl Iodide
Concen: 0.896 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:142 Resp: 2045

Ion	Ratio	Lower	Upper
142	100		
127	52.6	41.8	62.8
141	13.4	11.5	17.3



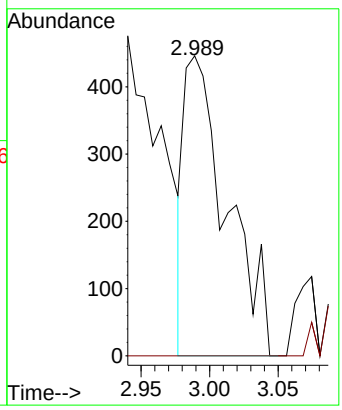


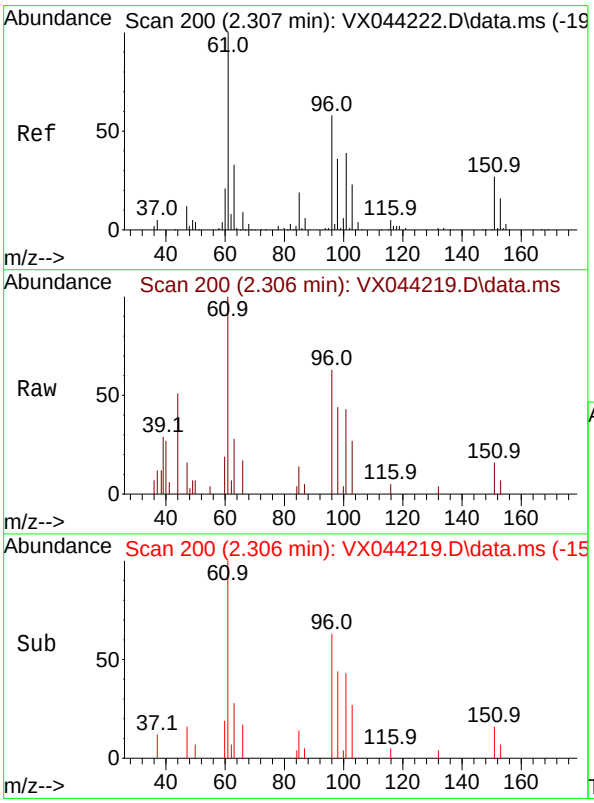
#11
Tert butyl alcohol
Concen: 2.776 ug/l
RT: 2.989 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 59 Resp: 972

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.8	13.2#

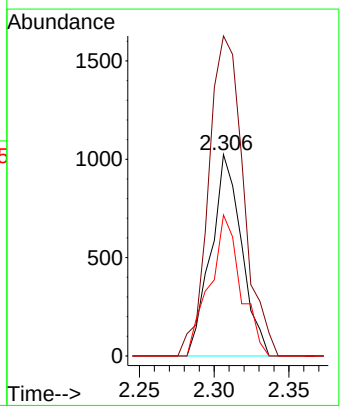


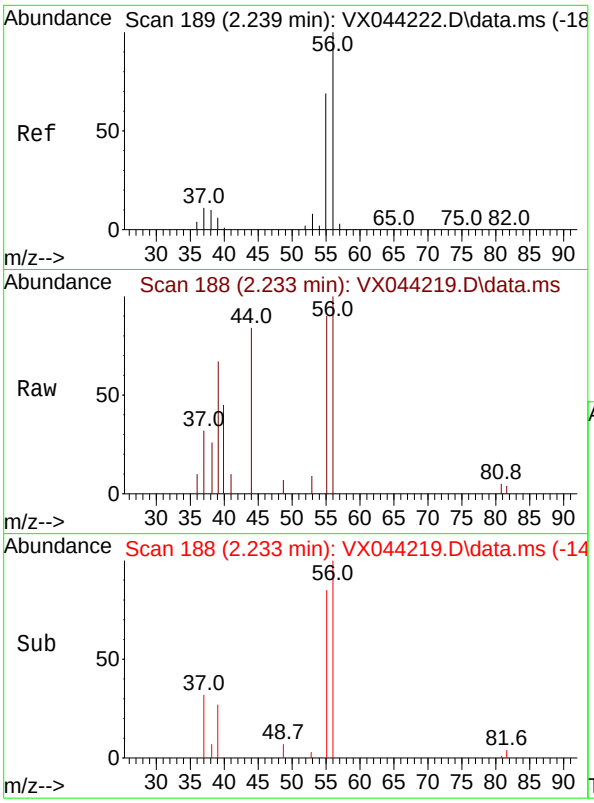


#12
1,1-Dichloroethene
Concen: 0.914 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 96 Resp: 1454

Ion	Ratio	Lower	Upper
96	100		
61	158.9	138.0	207.0
98	70.0	50.0	75.0



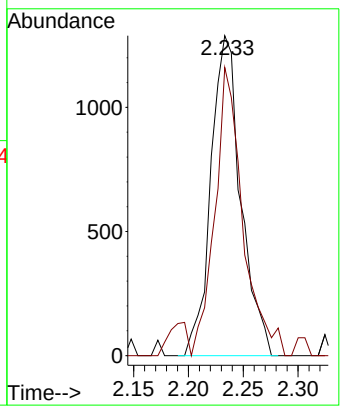


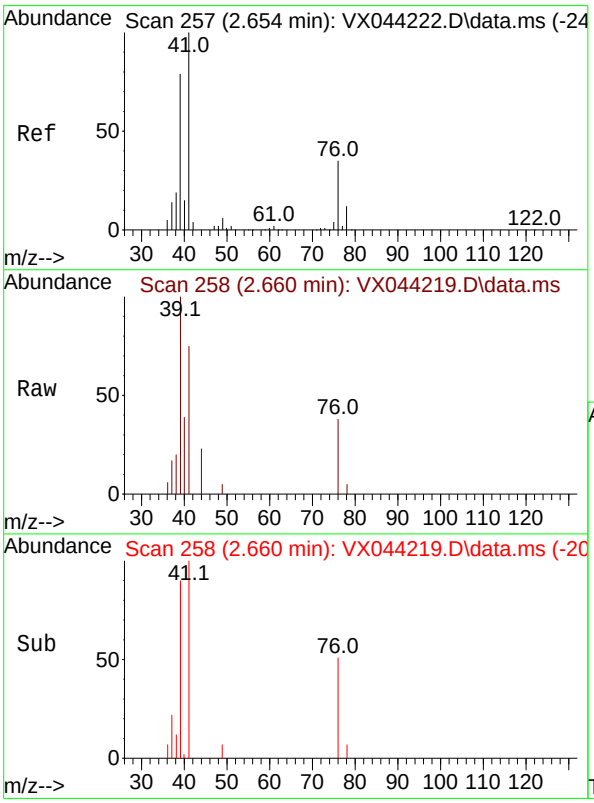
#13
Acrolein
Concen: 4.823 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 56 Resp: 2449

Ion	Ratio	Lower	Upper
56	100		
55	84.0	56.6	84.8

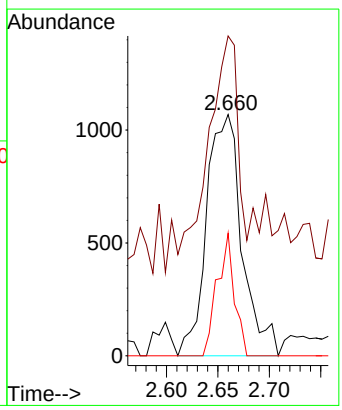


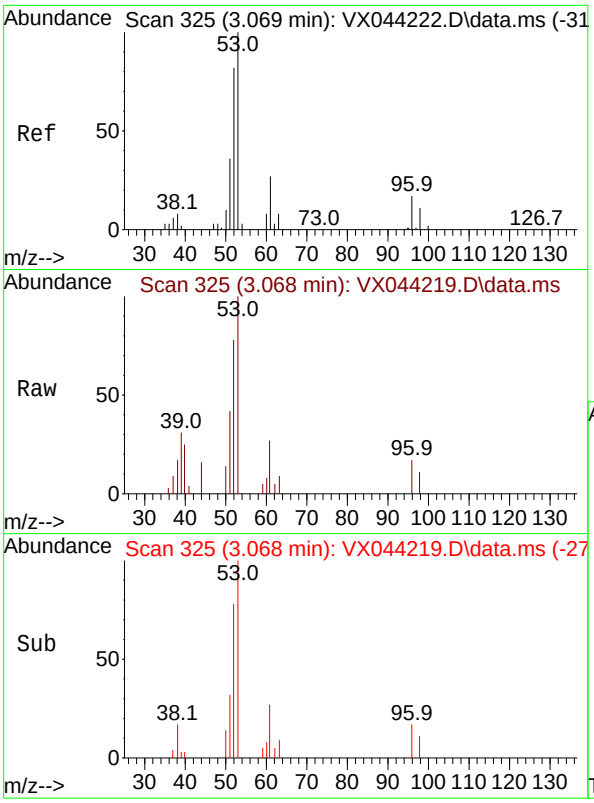


#14
Allyl chloride
Concen: 0.963 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 41 Resp: 2551

Ion	Ratio	Lower	Upper
41	100		
39	72.6	61.9	92.9
76	24.6	27.4	41.2#



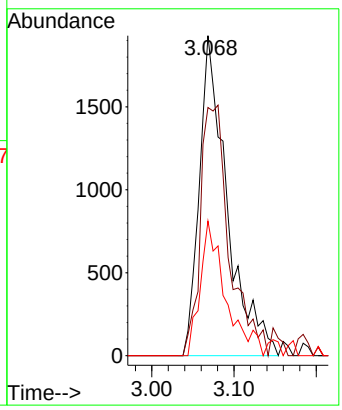


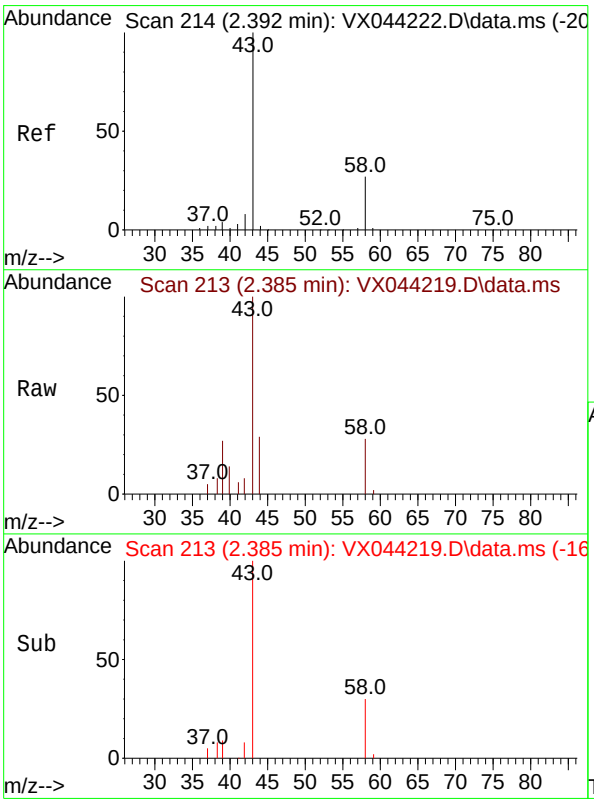
#15
Acrylonitrile
Concen: 4.660 ug/l
RT: 3.068 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 53 Resp: 4528

Ion	Ratio	Lower	Upper
53	100		
52	81.4	67.4	101.0
51	38.3	30.3	45.5

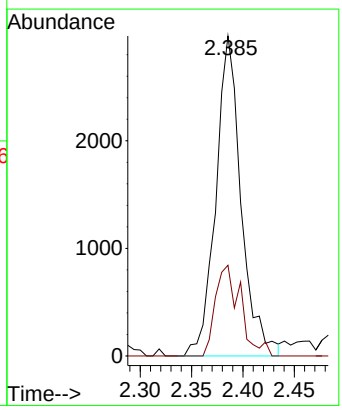


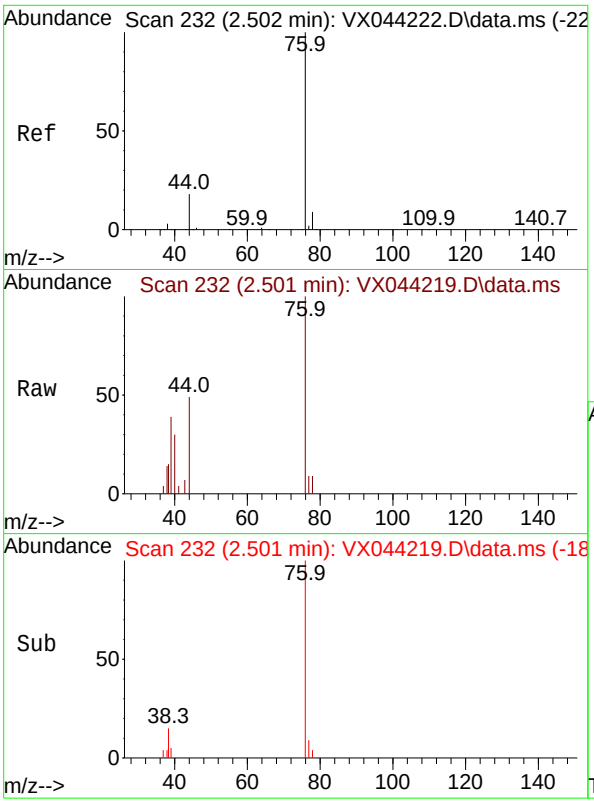


#16
Acetone
Concen: 5.022 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 43 Resp: 5096

Ion	Ratio	Lower	Upper
43	100		
58	28.3	21.6	32.4



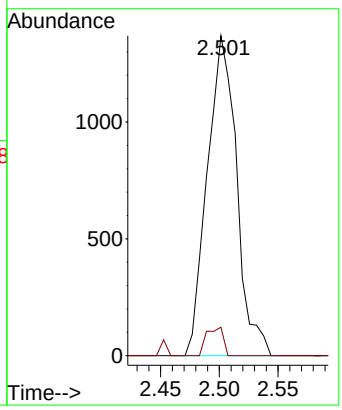


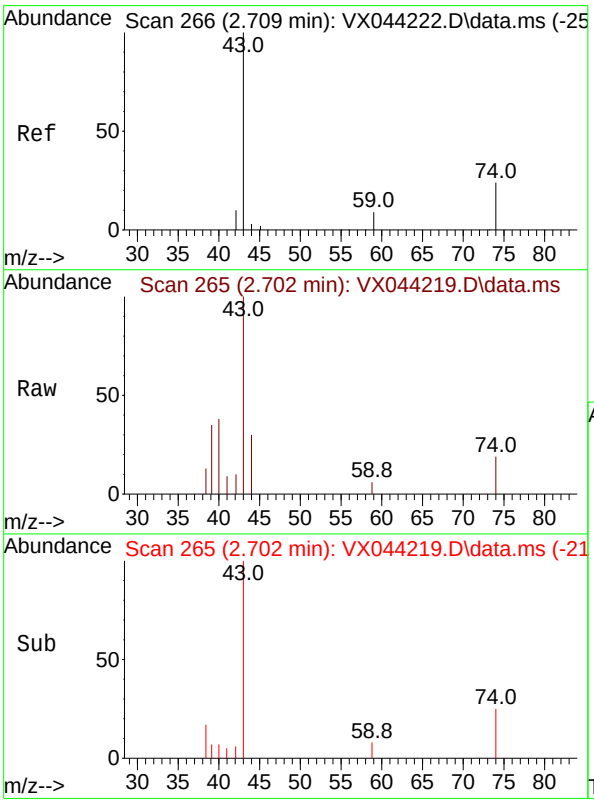
#17
Carbon Disulfide
Concen: 0.789 ug/l
RT: 2.501 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 2387

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.0

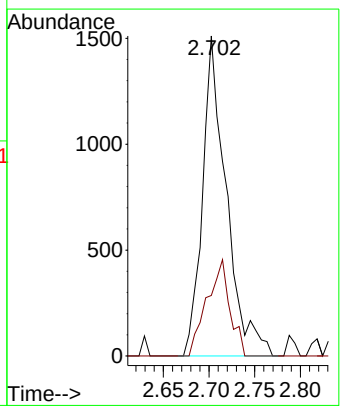


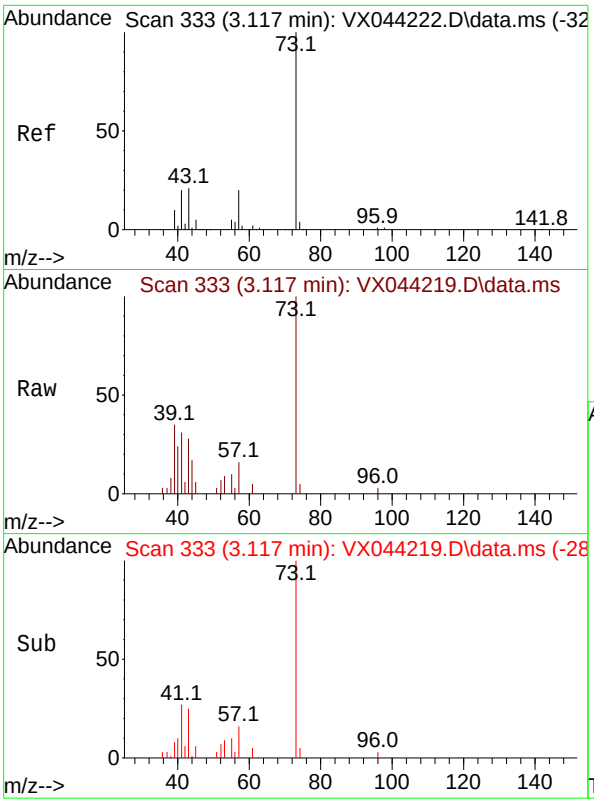


#18
Methyl Acetate
Concen: 1.047 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 43 Resp: 2739

Ion	Ratio	Lower	Upper
43	100		
74	28.9	17.7	26.5#



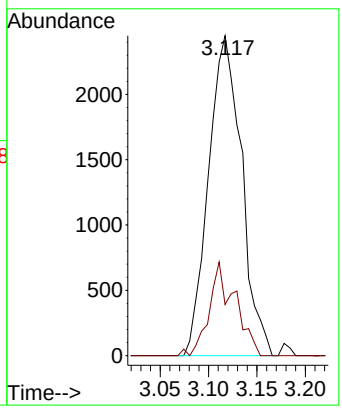


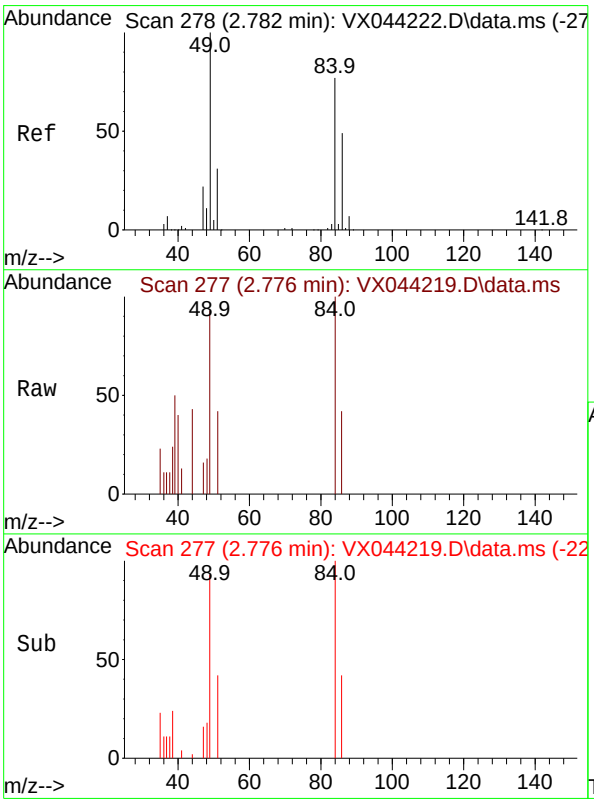
#19
Methyl tert-butyl Ether
Concen: 0.939 ug/l
RT: 3.117 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 73 Resp: 5832

Ion	Ratio	Lower	Upper
73	100		
57	16.0	16.2	24.4#

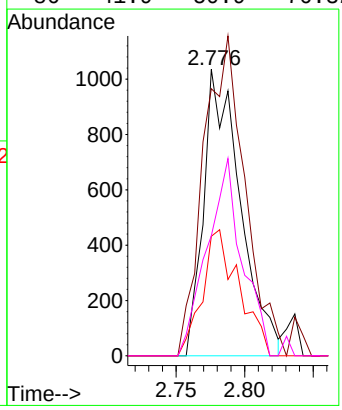


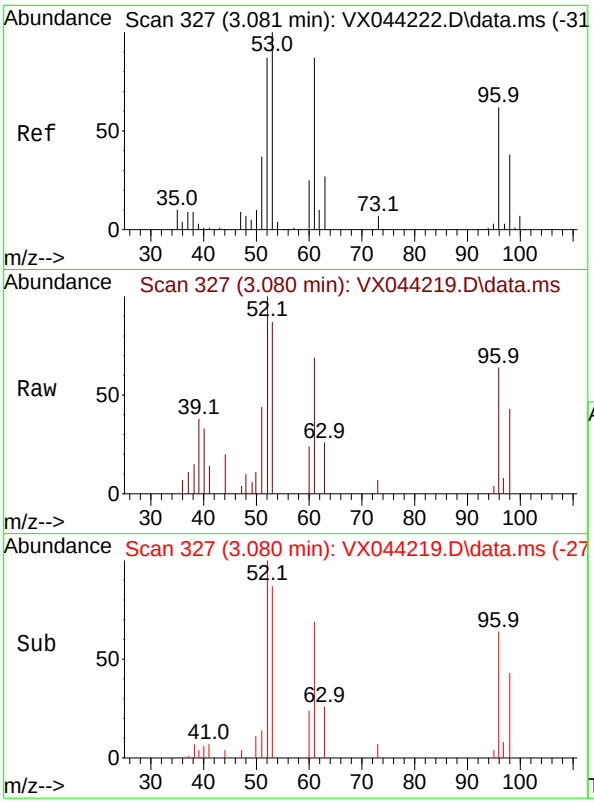


#20
Methylene Chloride
Concen: 1.012 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 84 Resp: 1928

Ion	Ratio	Lower	Upper
84	100		
49	93.2	104.2	156.4#
51	41.7	32.2	48.4
86	41.9	50.9	76.3#



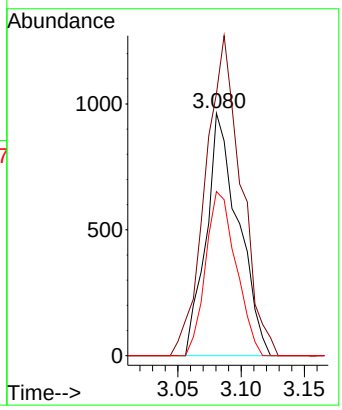


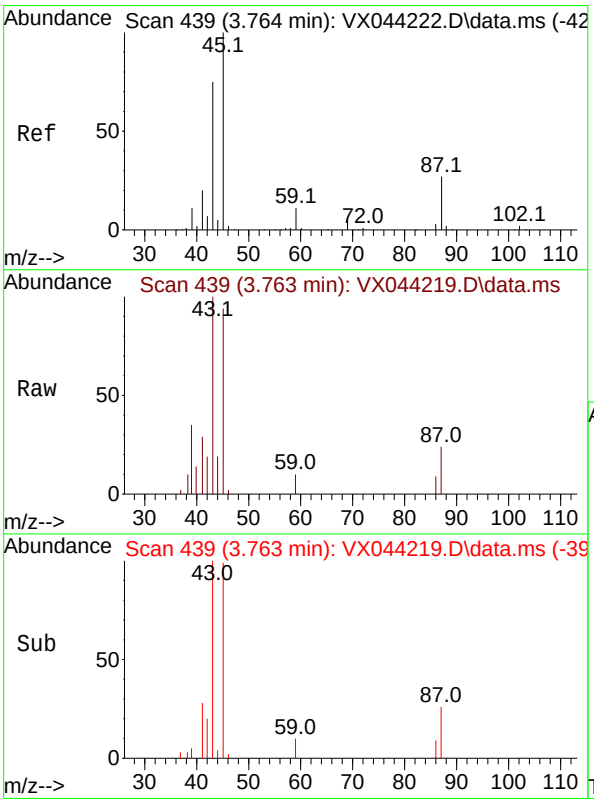
#21
trans-1,2-Dichloroethene
Concen: 1.007 ug/l
RT: 3.080 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 96 Resp: 1703

Ion	Ratio	Lower	Upper
96	100		
61	108.1	112.0	168.0#
98	67.7	48.8	73.2

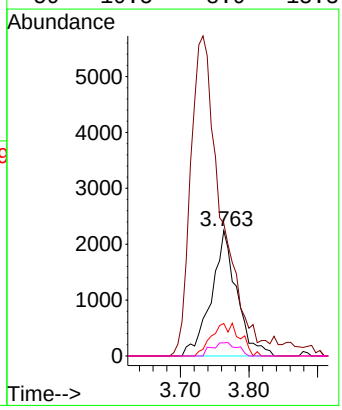


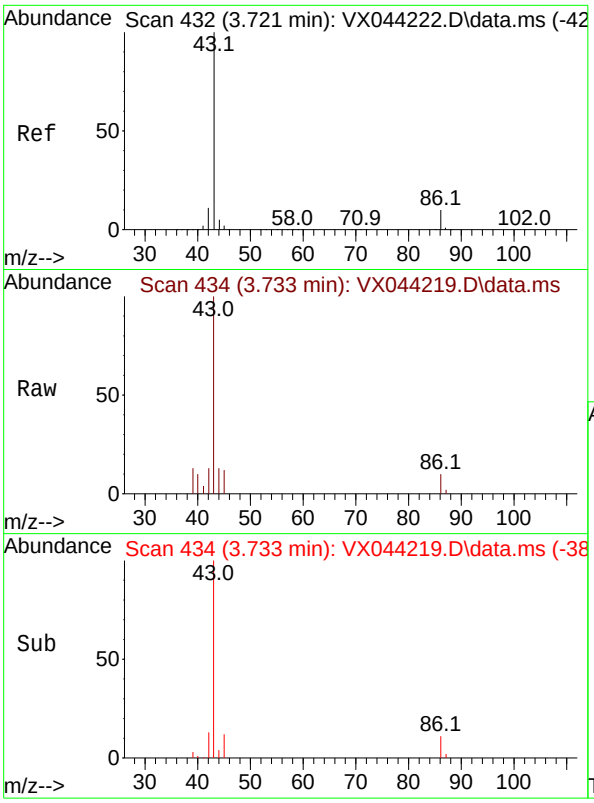


#22
Diisopropyl ether
Concen: 0.971 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 45 Resp: 5792

Ion	Ratio	Lower	Upper
45	100		
43	96.8	60.2	90.2#
87	25.9	21.2	31.8
59	10.5	8.9	13.3



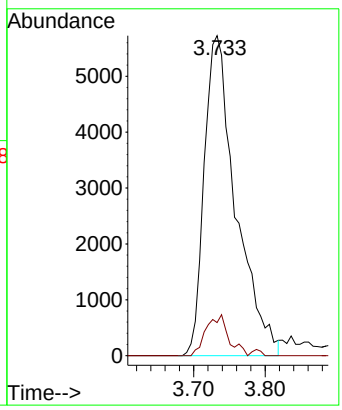


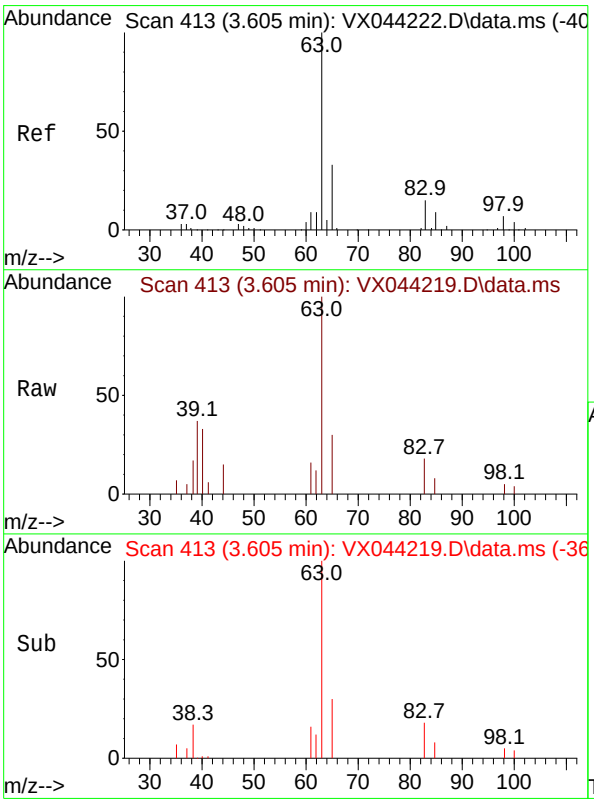
#23
Vinyl Acetate
Concen: 3.623 ug/l
RT: 3.733 min Scan# 4
Delta R.T. 0.012 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 17578

Ion	Ratio	Lower	Upper
43	100		
86	10.3	8.2	12.2

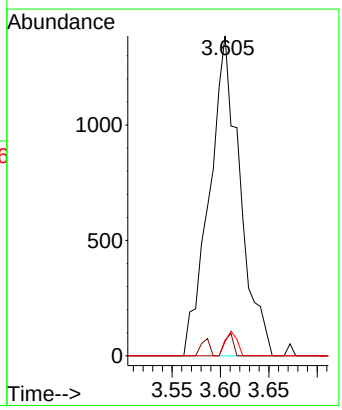


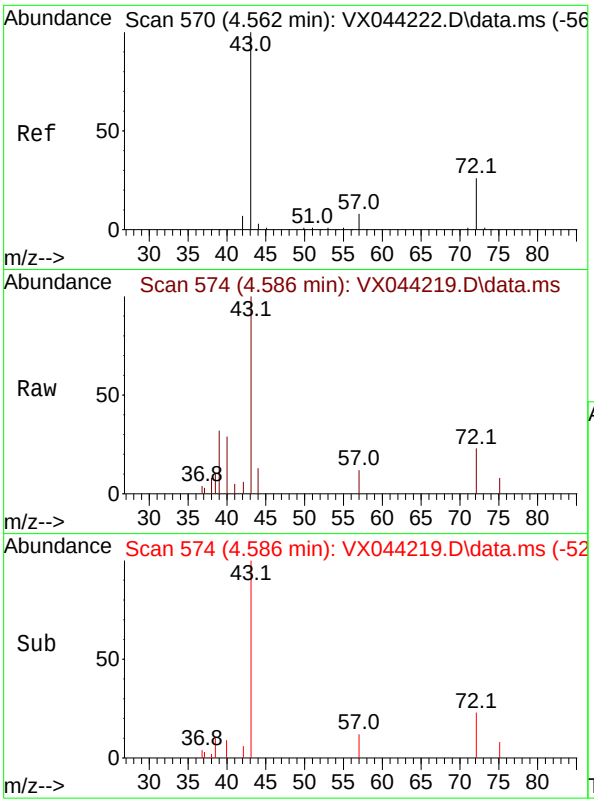


#24
1,1-Dichloroethane
Concen: 0.914 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 63 Resp: 3040

Ion	Ratio	Lower	Upper
63	100		
98	4.9	3.6	10.8
100	4.5	2.1	6.3



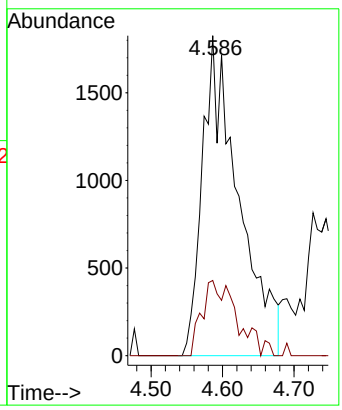


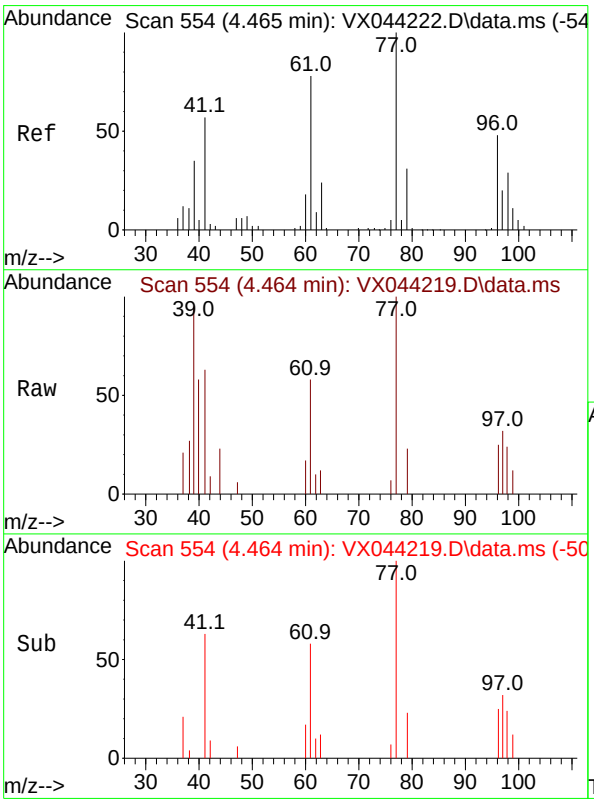
#25
2-Butanone
Concen: 4.423 ug/l
RT: 4.586 min Scan# 5
Delta R.T. 0.024 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 6380

Ion	Ratio	Lower	Upper
43	100		
72	23.5	20.2	30.4

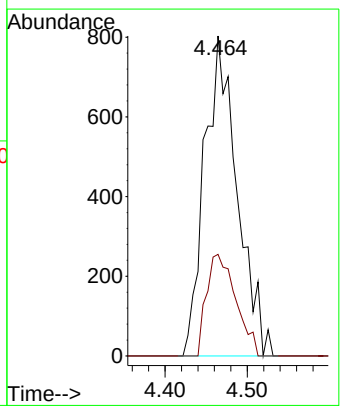


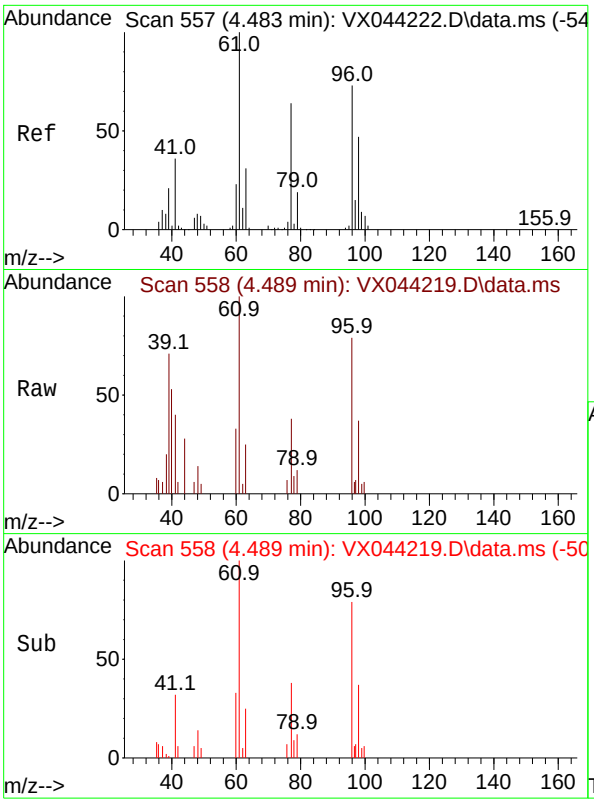


#26
2,2-Dichloropropane
Concen: 0.821 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 77 Resp: 2220

Ion	Ratio	Lower	Upper
77	100		
97	28.4	10.7	32.1



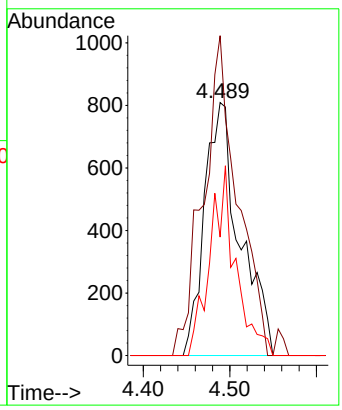


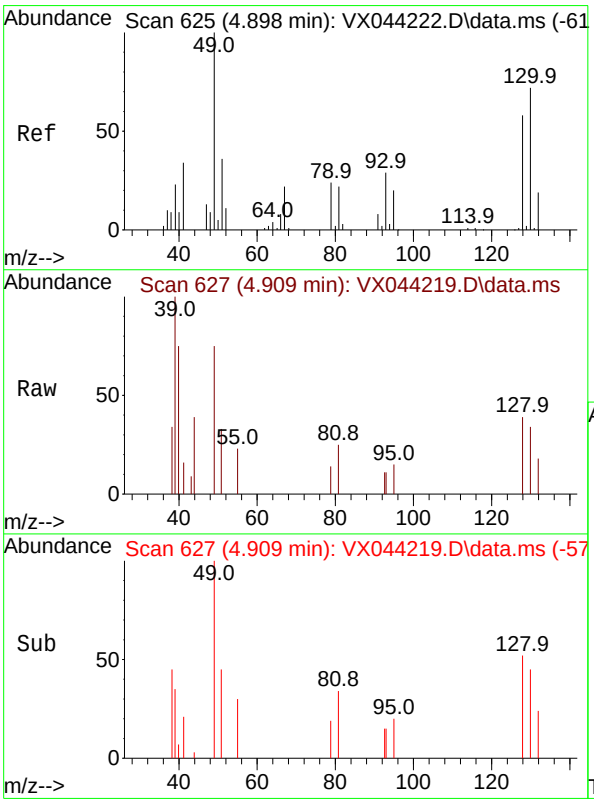
#27
cis-1,2-Dichloroethene
Concen: 1.069 ug/l
RT: 4.489 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 96 Resp: 2296

Ion	Ratio	Lower	Upper
96	100		
61	122.2	0.0	299.0
98	54.0	0.0	129.0

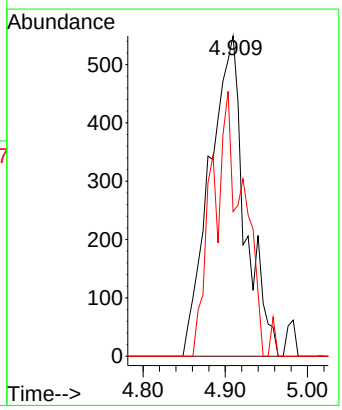


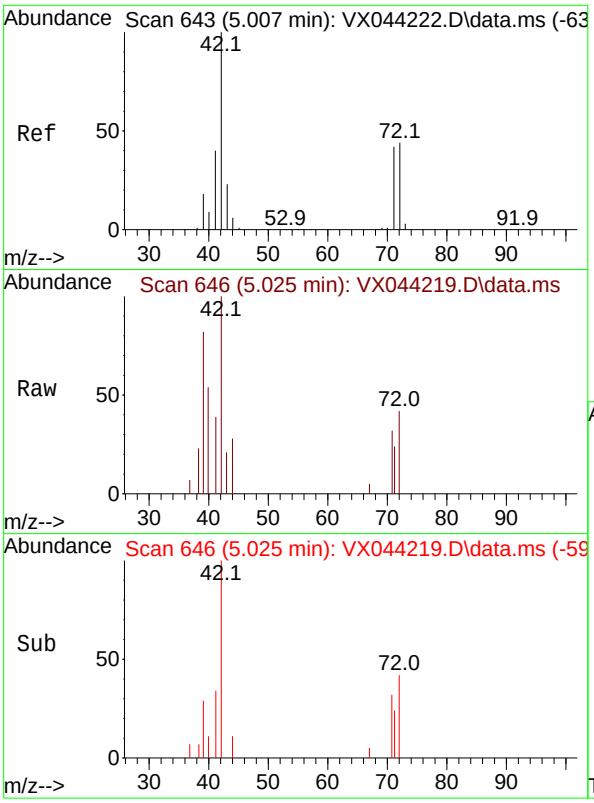


#28
Bromochloromethane
Concen: 1.006 ug/l
RT: 4.909 min Scan# 627
Delta R.T. 0.012 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 49 Resp: 1641

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	52.7	62.1	93.1#



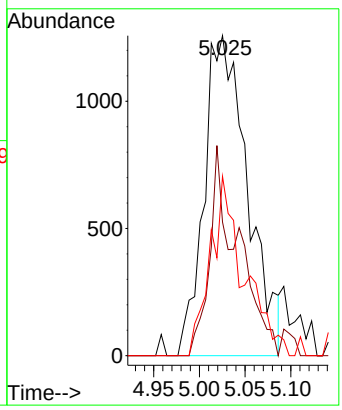


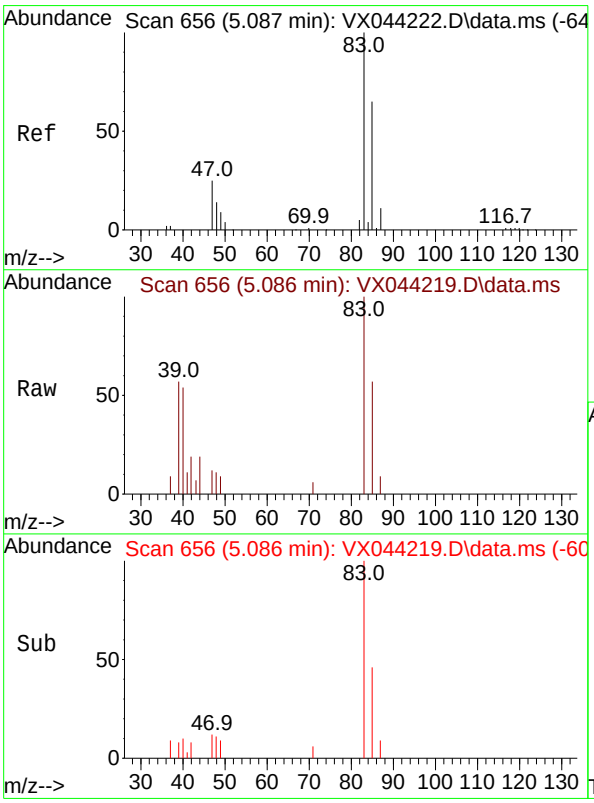
#29
Tetrahydrofuran
Concen: 4.491 ug/l
RT: 5.025 min Scan# 6
Delta R.T. 0.018 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 42 Resp: 4158

Ion	Ratio	Lower	Upper
42	100		
72	27.0	37.0	55.6#
71	43.1	33.6	50.4

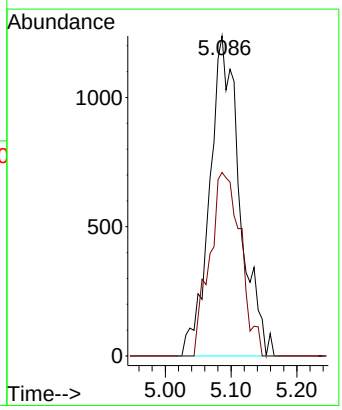


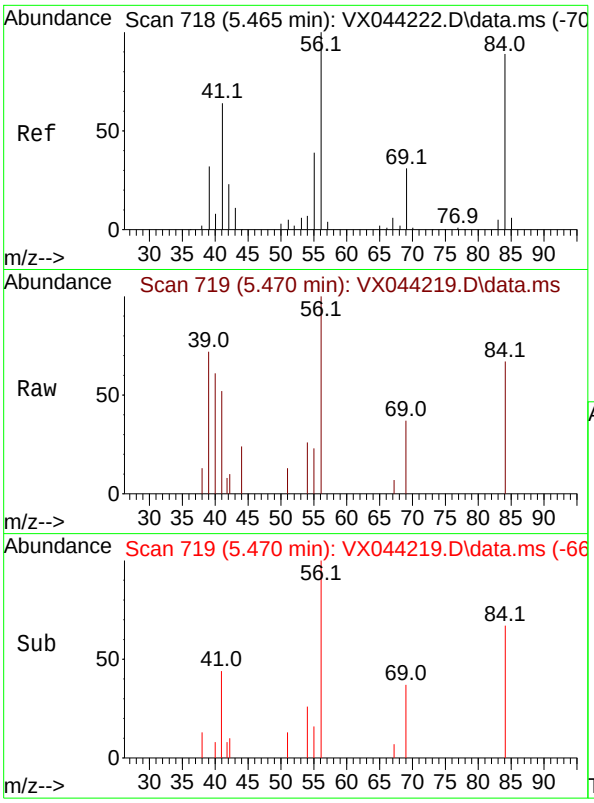


#30
Chloroform
Concen: 1.055 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 83 Resp: 3943

Ion	Ratio	Lower	Upper
83	100		
85	57.4	51.6	77.4



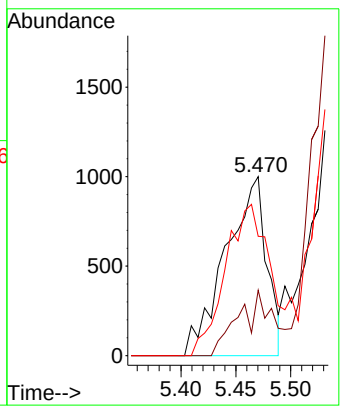


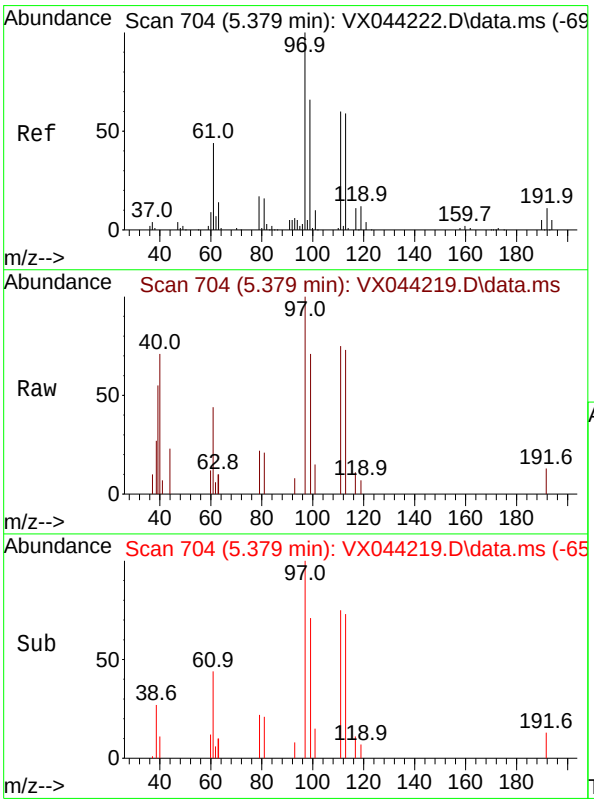
#31
Cyclohexane
Concen: 0.966 ug/l
RT: 5.470 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 56 Resp: 2594

Ion	Ratio	Lower	Upper
56	100		
69	36.5	24.7	37.1
84	66.7	71.0	106.6#

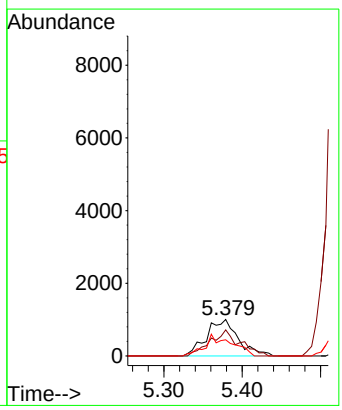


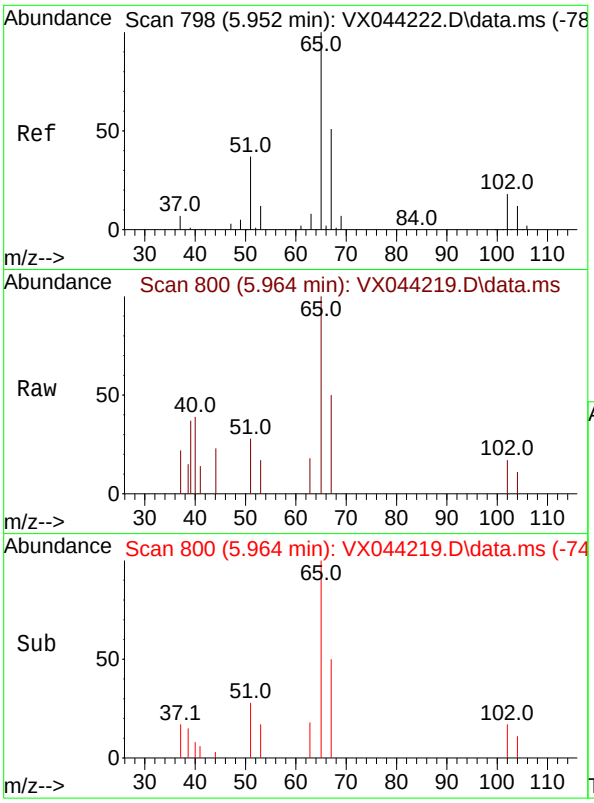


#32
1,1,1-Trichloroethane
Concen: 0.908 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 97 Resp: 2818

Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.8	76.2#
61	49.9	35.2	52.8



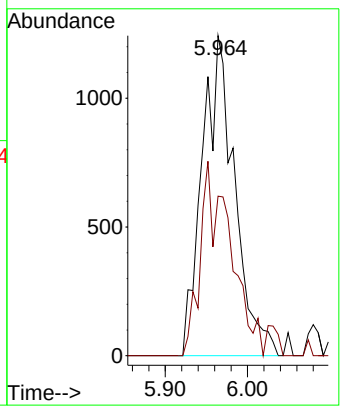


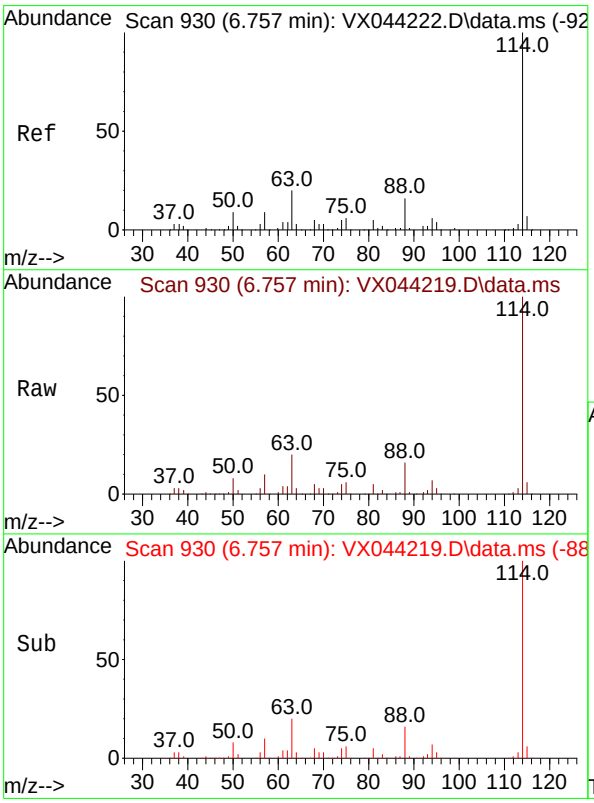
#33
1,2-Dichloroethane-d4
Concen: 1.369 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.012 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 65 Resp: 3407

Ion	Ratio	Lower	Upper
65	100		
67	24.2	0.0	101.6

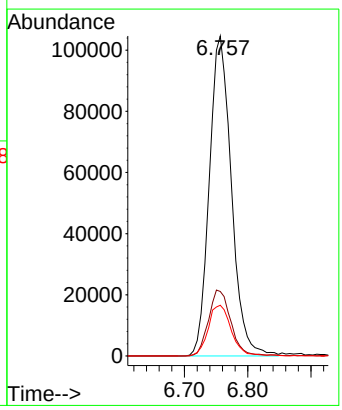


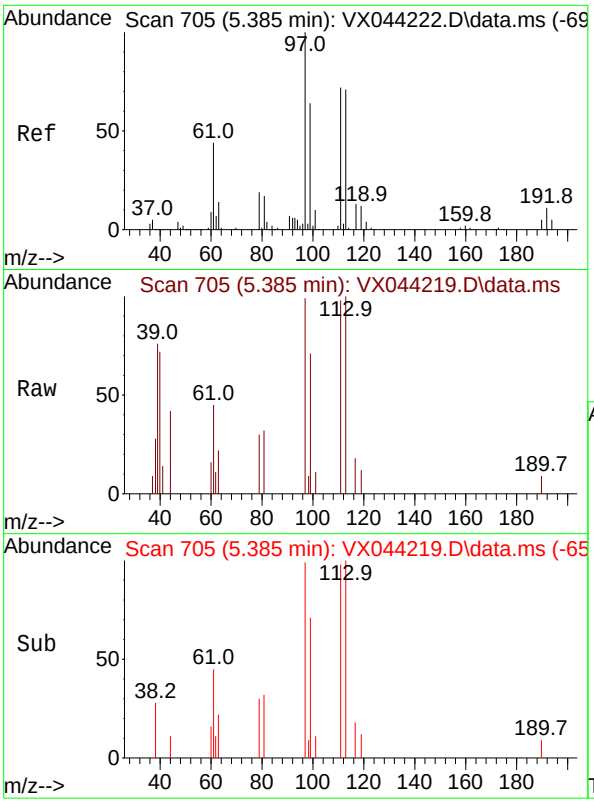


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:114 Resp: 253574

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.6
88	15.8	0.0	31.8



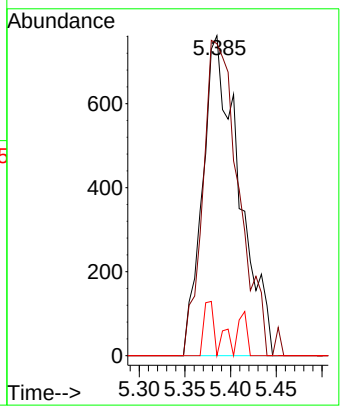


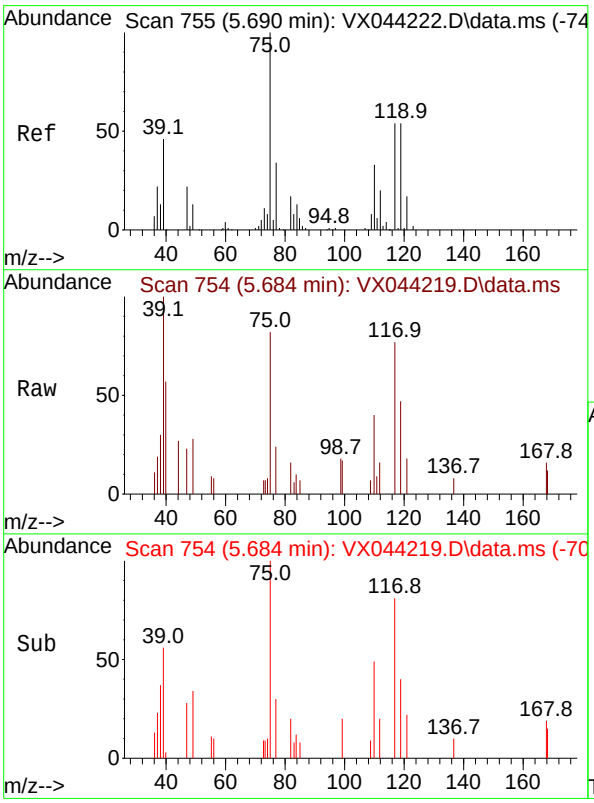
#35
Dibromofluoromethane
Concen: 1.205 ug/l
RT: 5.385 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:113 Resp: 2117

Ion	Ratio	Lower	Upper
113	100		
111	96.5	80.4	120.6
192	5.4	13.3	19.9#

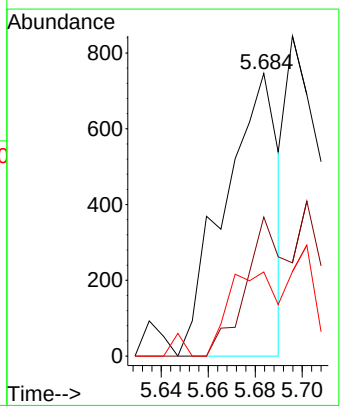


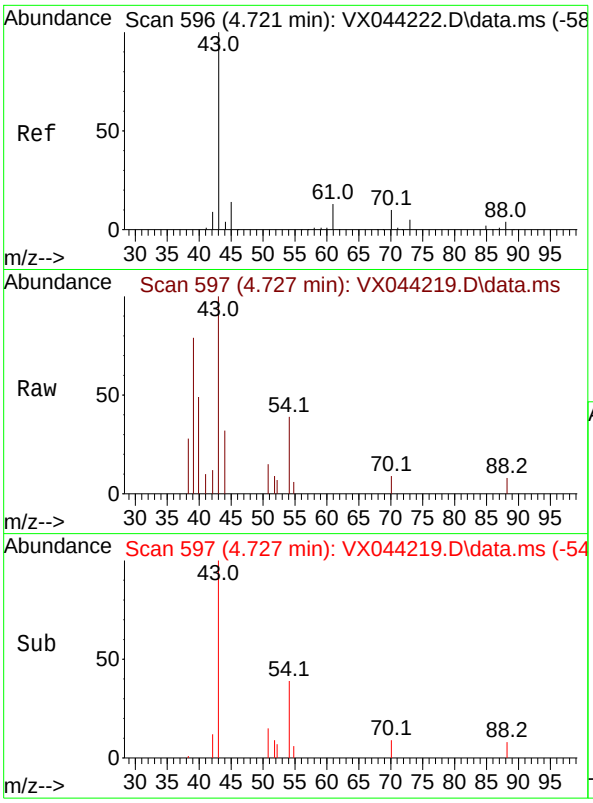


#36
1,1-Dichloropropene
Concen: 0.519 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 75 Resp: 1178

Ion	Ratio	Lower	Upper
75	100		
110	38.7	17.3	51.7
77	26.7	25.4	38.0



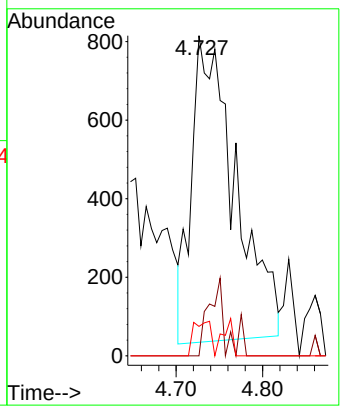


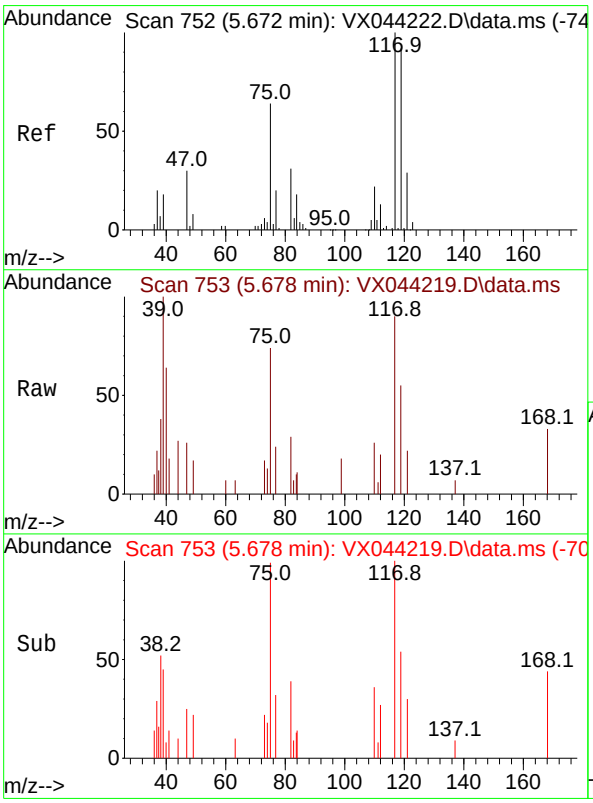
#37
Ethyl Acetate
Concen: 0.969 ug/l
RT: 4.727 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 2718

Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.8	14.8#
70	0.0	7.7	11.5#

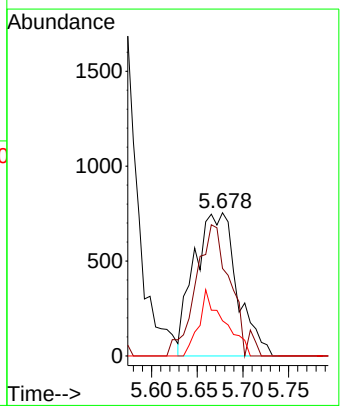


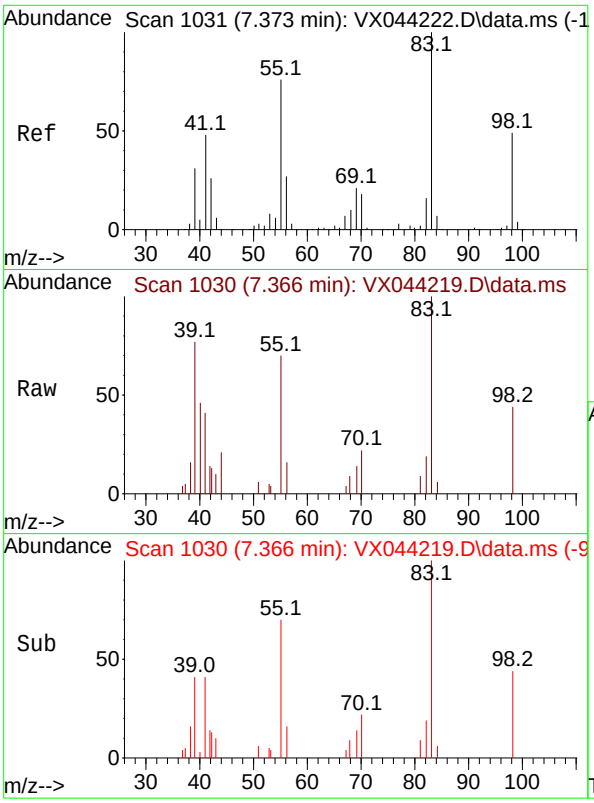


#38
Carbon Tetrachloride
Concen: 1.004 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:117 Resp: 2454

Ion	Ratio	Lower	Upper
117	100		
119	61.1	74.2	111.4#
121	24.5	23.0	34.6



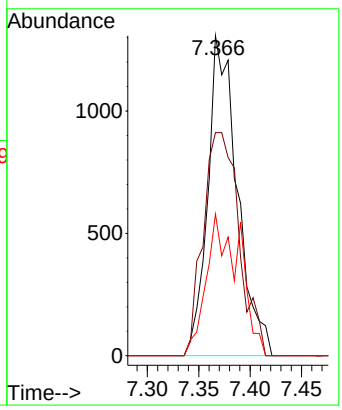


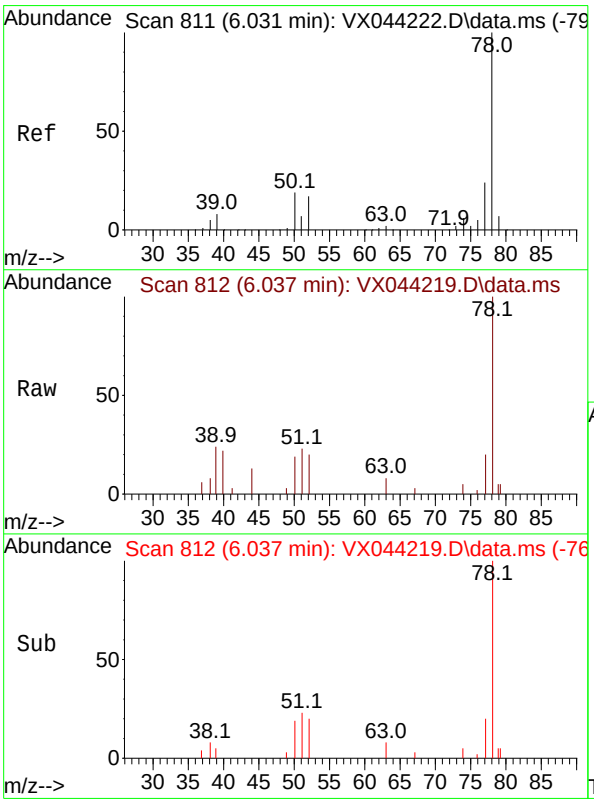
#39
Methylcyclohexane
Concen: 0.960 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 2606

Ion	Ratio	Lower	Upper
83	100		
55	69.7	60.7	91.1
98	44.3	38.9	58.3

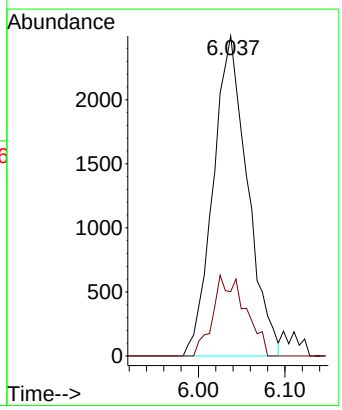


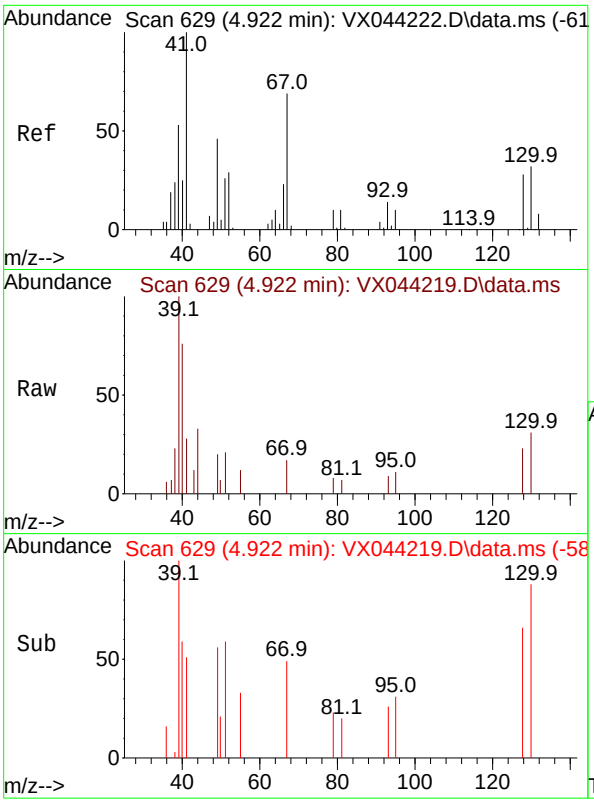


#40
Benzene
Concen: 0.996 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 78 Resp: 6864

Ion	Ratio	Lower	Upper
78	100		
77	20.1	19.3	28.9



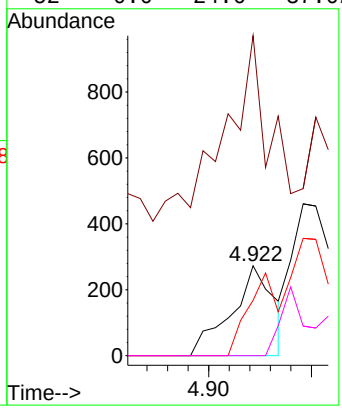


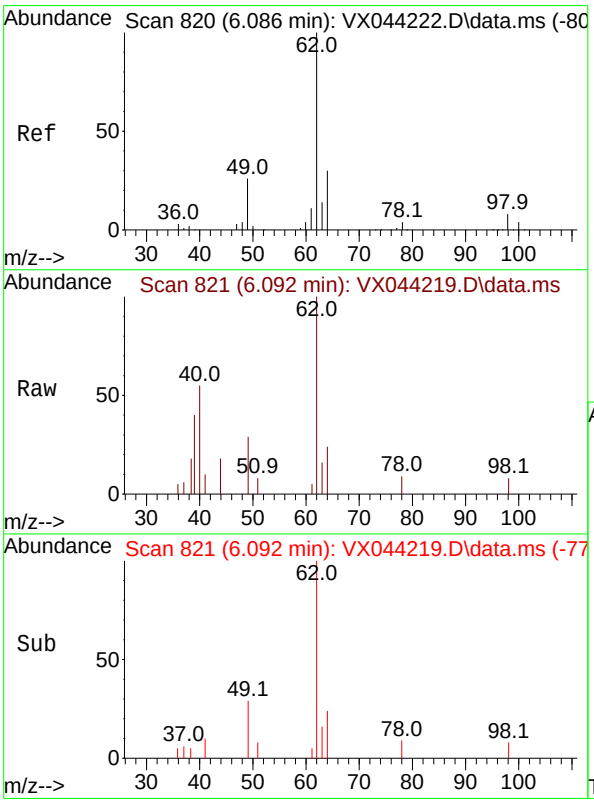
#41
Methacrylonitrile
Concen: 0.262 ug/l
RT: 4.922 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 390

Ion	Ratio	Lower	Upper
41	100		
39	216.9	44.2	66.4#
67	0.0	57.2	85.8#
52	0.0	24.6	37.0#

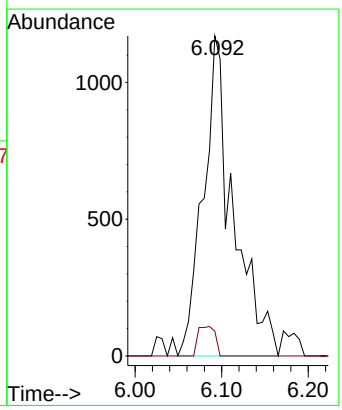


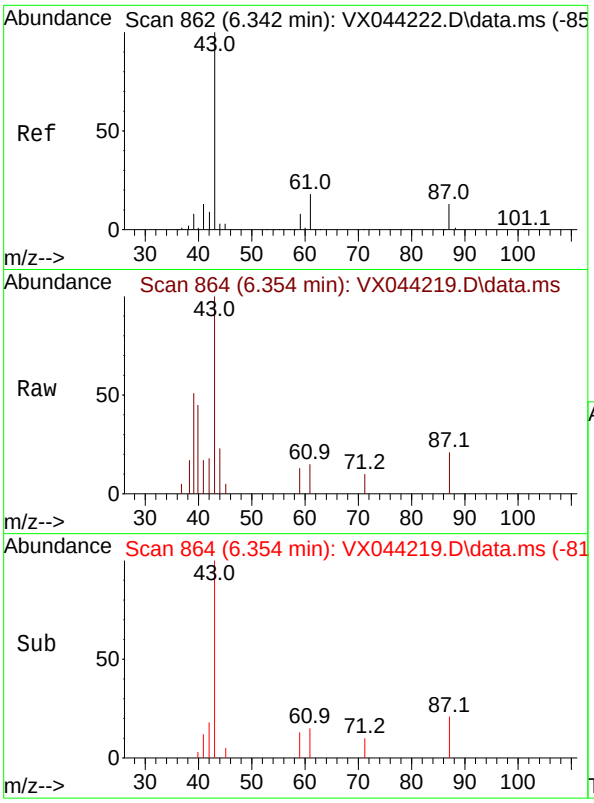


#42
1,2-Dichloroethane
Concen: 0.990 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 62 Resp: 2810

Ion	Ratio	Lower	Upper
62	100		
98	5.3	0.0	15.8



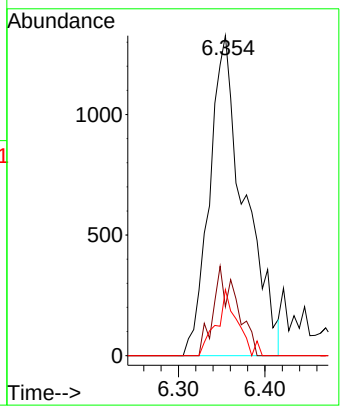


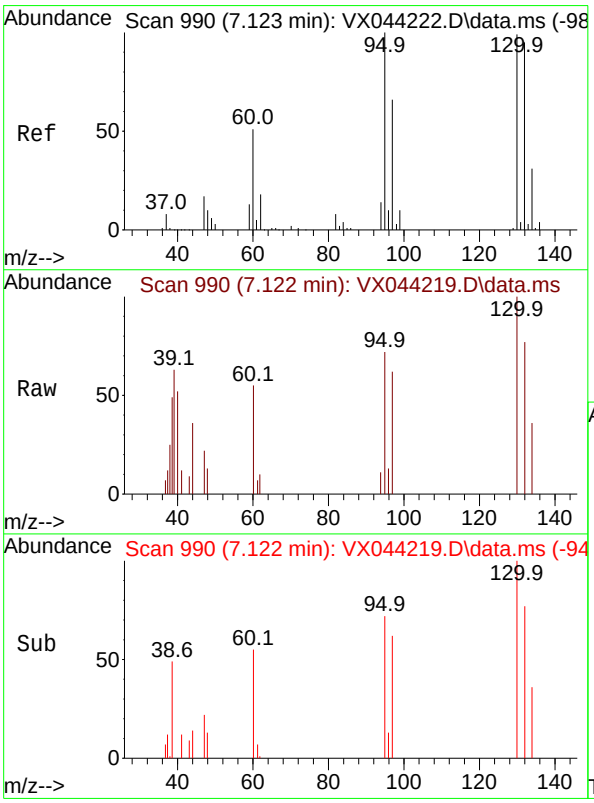
#43
Isopropyl Acetate
Concen: 0.851 ug/l
RT: 6.354 min Scan# 8
Delta R.T. 0.012 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 3734

Ion	Ratio	Lower	Upper
43	100		
61	18.9	14.2	21.2
87	12.4	10.2	15.2

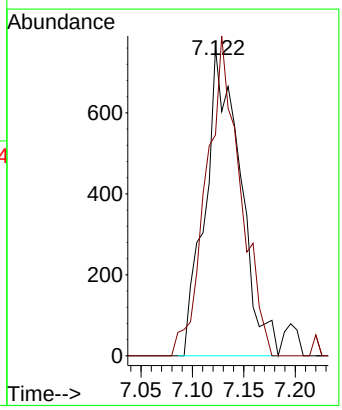


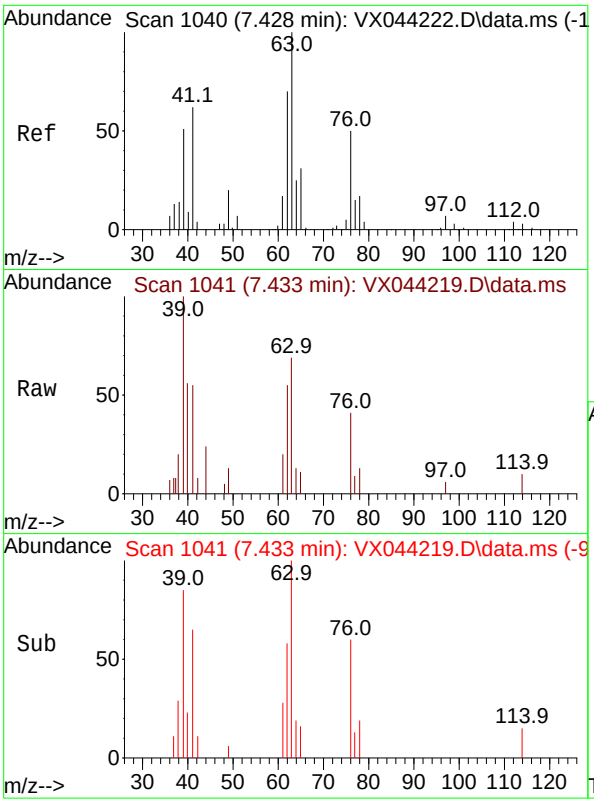


#44
Trichloroethene
Concen: 1.051 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:130 Resp: 1806

Ion	Ratio	Lower	Upper
130	100		
95	71.7	0.0	201.4



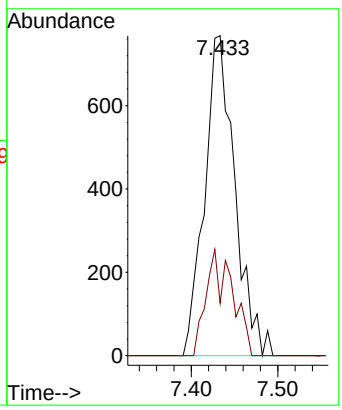


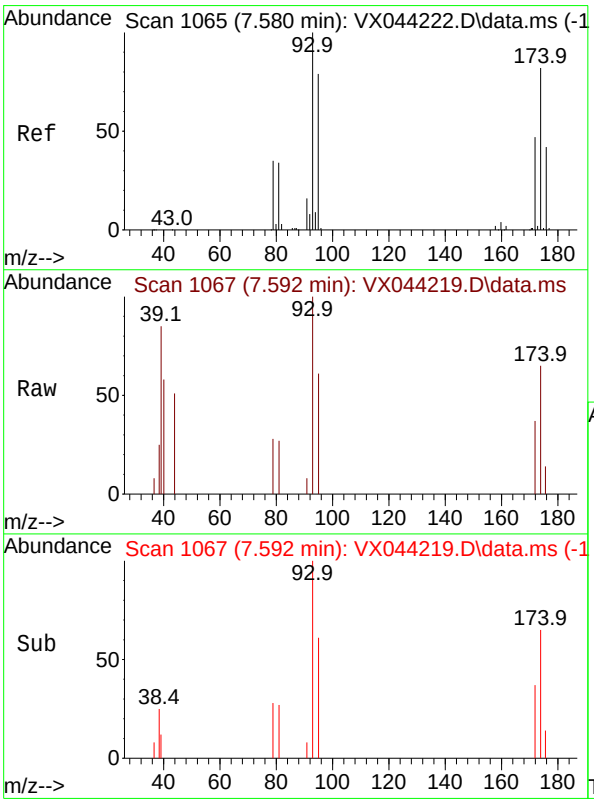
#45
1,2-Dichloropropane
Concen: 1.059 ug/l
RT: 7.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 1865

Ion	Ratio	Lower	Upper
63	100		
65	16.4	24.6	37.0#

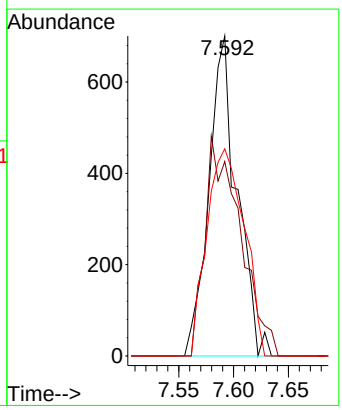


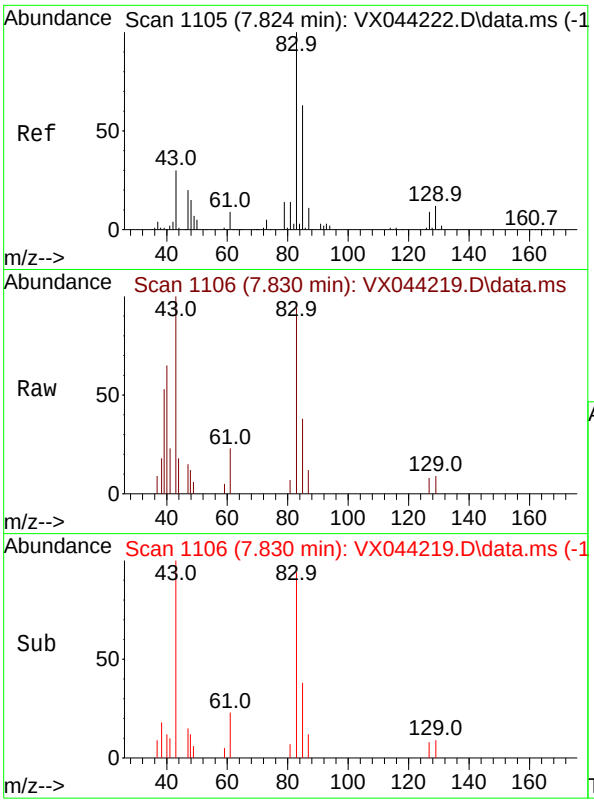


#46
Dibromomethane
Concen: 0.916 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.012 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 93 Resp: 1251

Ion	Ratio	Lower	Upper
93	100		
95	85.8	65.4	98.2
174	86.3	67.9	101.9



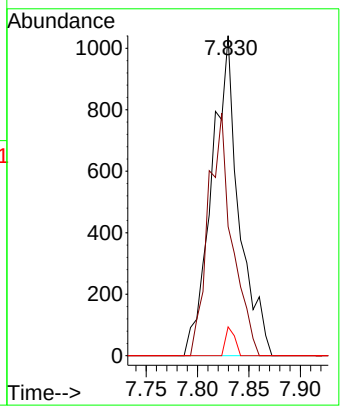


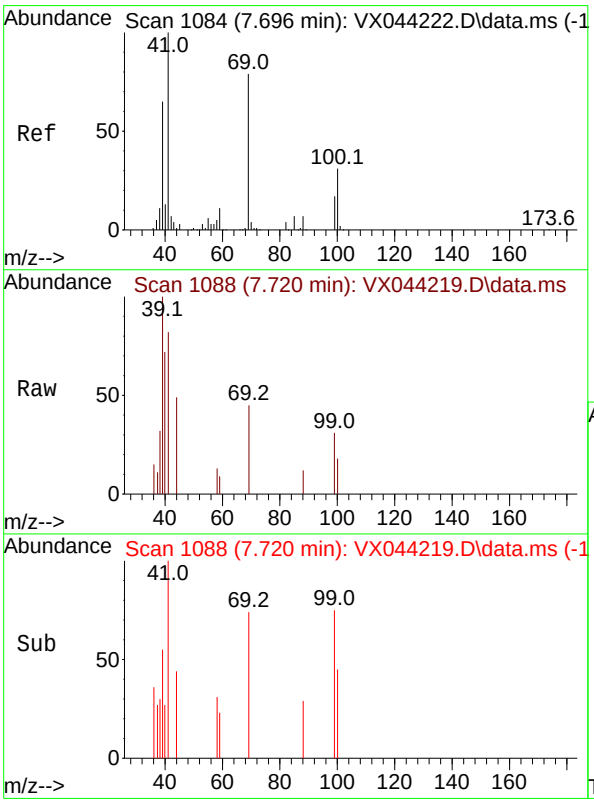
#47
Bromodichloromethane
Concen: 0.816 ug/l
RT: 7.830 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 1926

Ion	Ratio	Lower	Upper
83	100		
85	40.3	50.6	75.8#
127	9.0	7.3	10.9

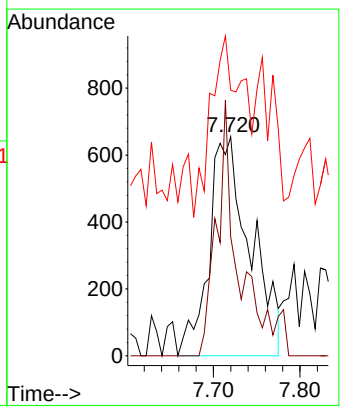


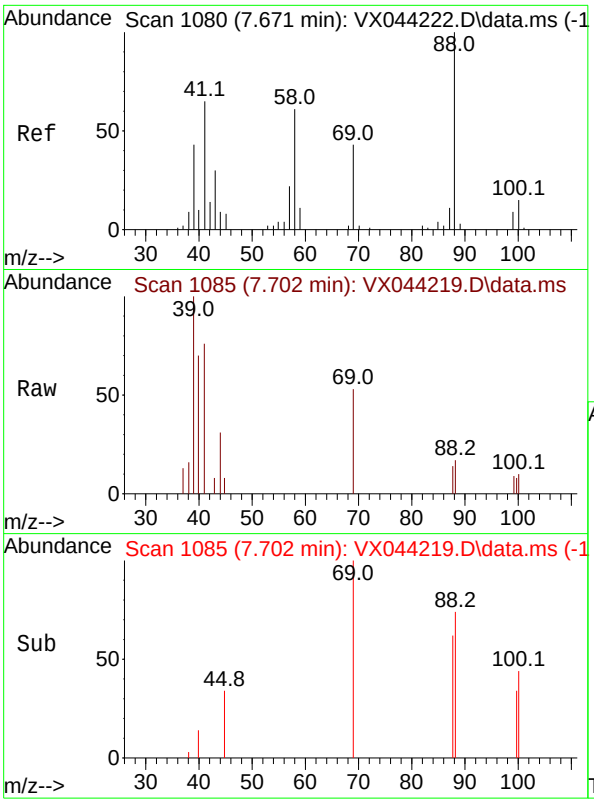


#48
Methyl methacrylate
Concen: 1.018 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.024 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 41 Resp: 2168

Ion	Ratio	Lower	Upper
41	100		
69	43.9	62.4	93.6#
39	64.1	53.3	79.9



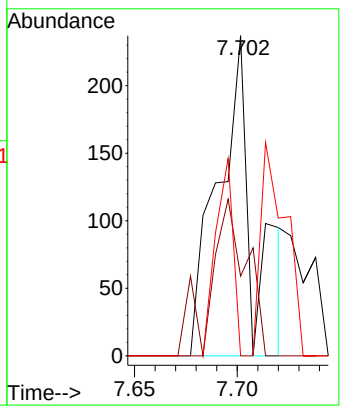


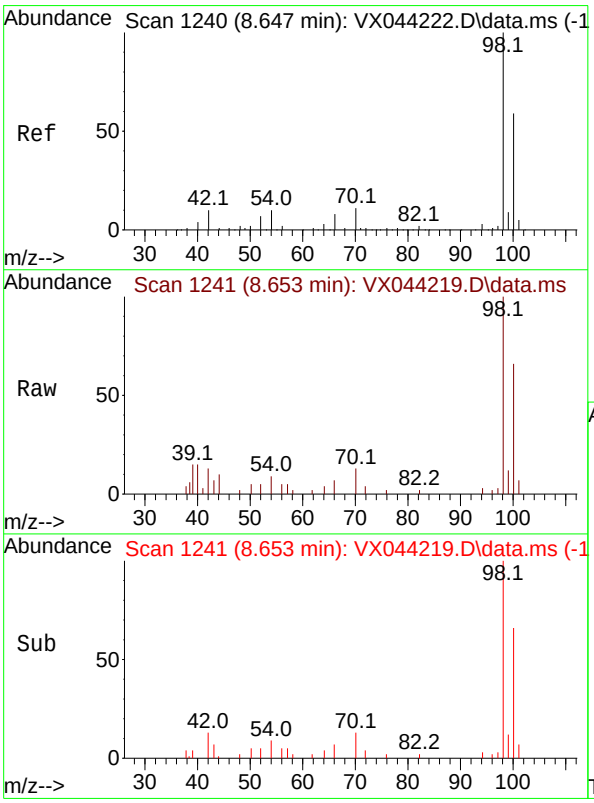
#49
1,4-Dioxane
Concen: 7.943 ug/l
RT: 7.702 min Scan# 1
Delta R.T. 0.030 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 88 Resp: 289

Ion	Ratio	Lower	Upper
88	100		
43	49.1	27.1	40.7#
58	30.1	41.0	61.4#

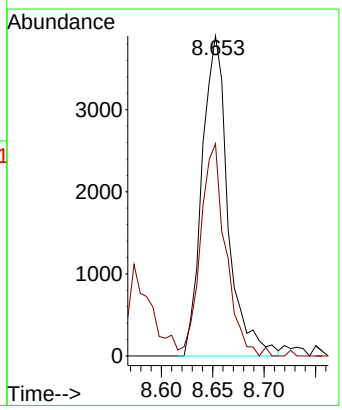


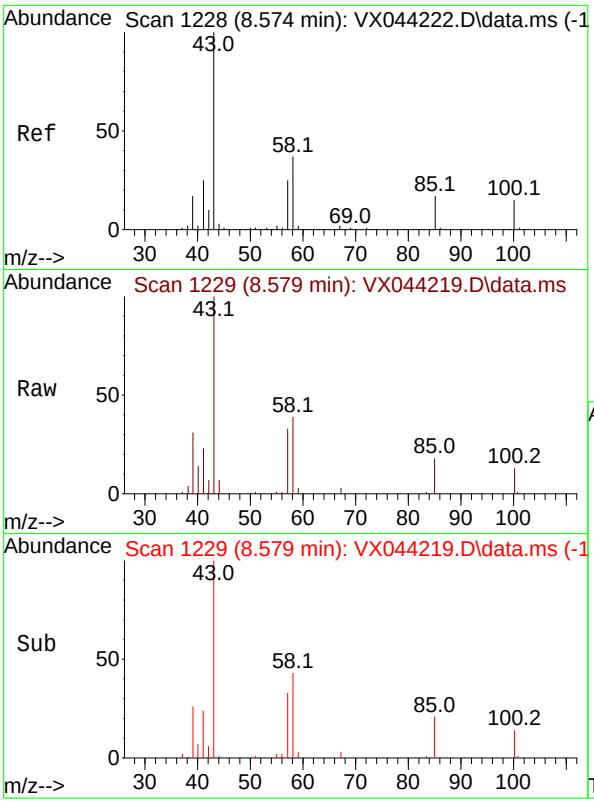


#50
Toluene-d8
Concen: 1.156 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 98 Resp: 6848

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.5	77.3



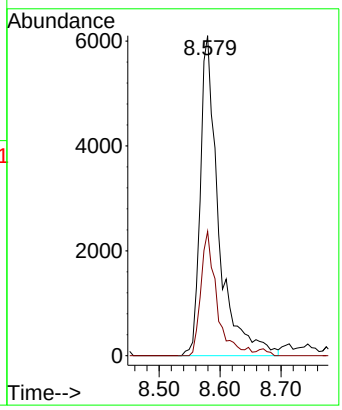


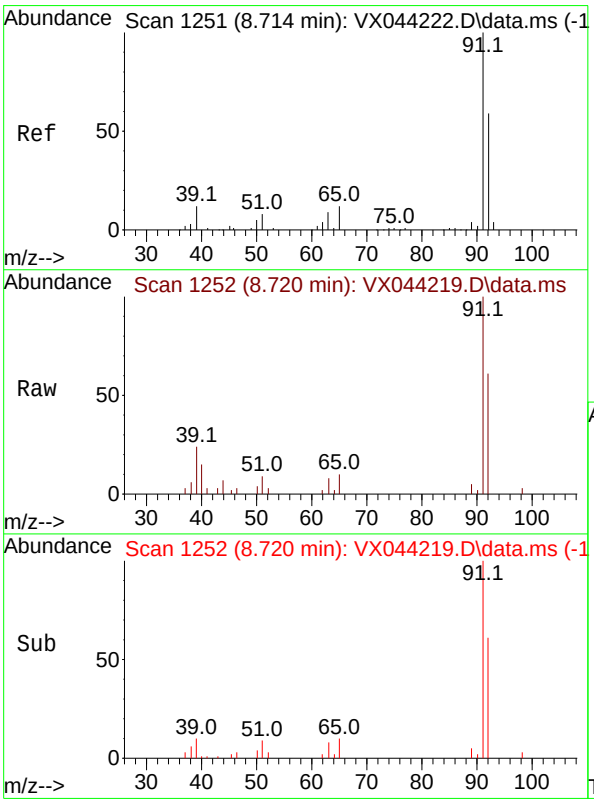
#51
4-Methyl-2-Pentanone
Concen: 4.547 ug/l
RT: 8.579 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 12824

Ion	Ratio	Lower	Upper
43	100		
58	34.0	29.4	44.0

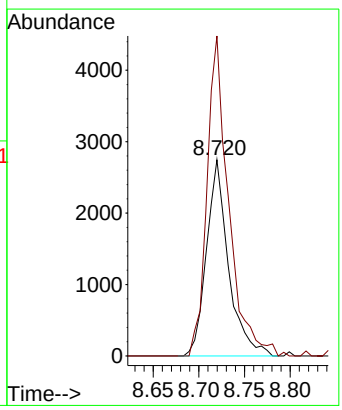


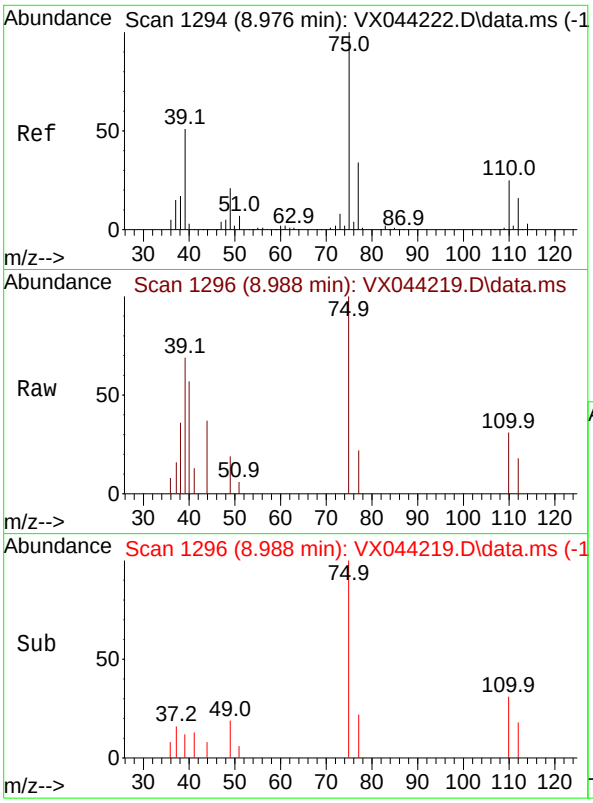


#52
Toluene
Concen: 1.064 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 92 Resp: 4606

Ion	Ratio	Lower	Upper
92	100		
91	160.1	137.0	205.6



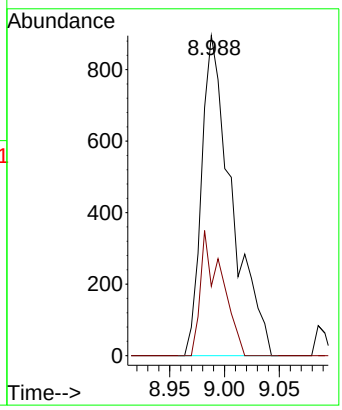


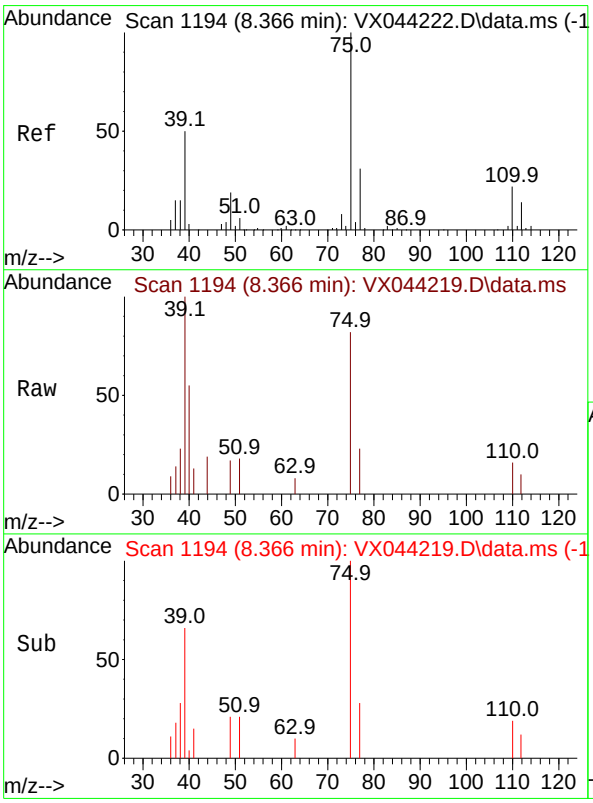
#53
t-1,3-Dichloropropene
Concen: 1.694 ug/l
RT: 8.988 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 1716

Ion	Ratio	Lower	Upper
75	100		
77	21.7	27.2	40.8#

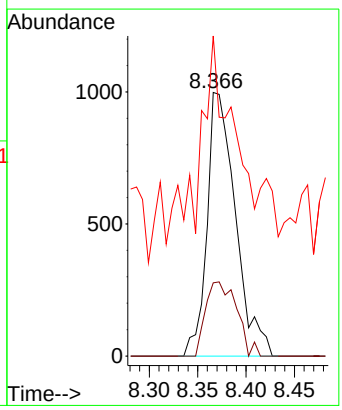


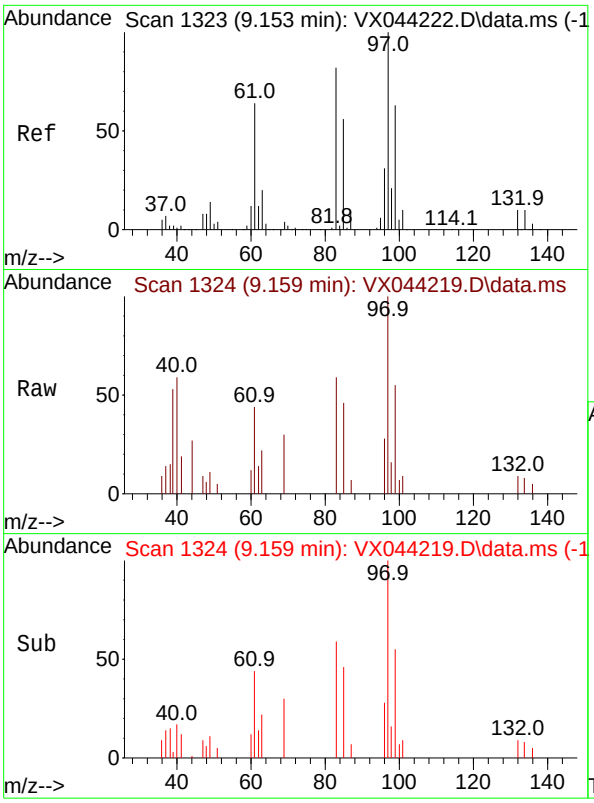


#54
cis-1,3-Dichloropropene
Concen: 0.797 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 75 Resp: 2048

Ion	Ratio	Lower	Upper
75	100		
77	27.8	24.7	37.1
39	76.2	40.3	60.5#



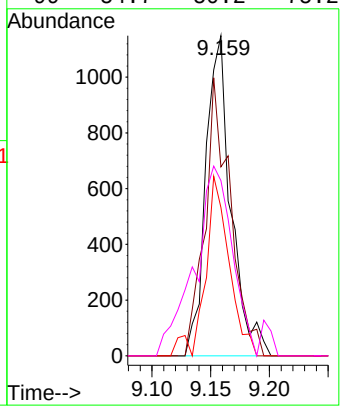


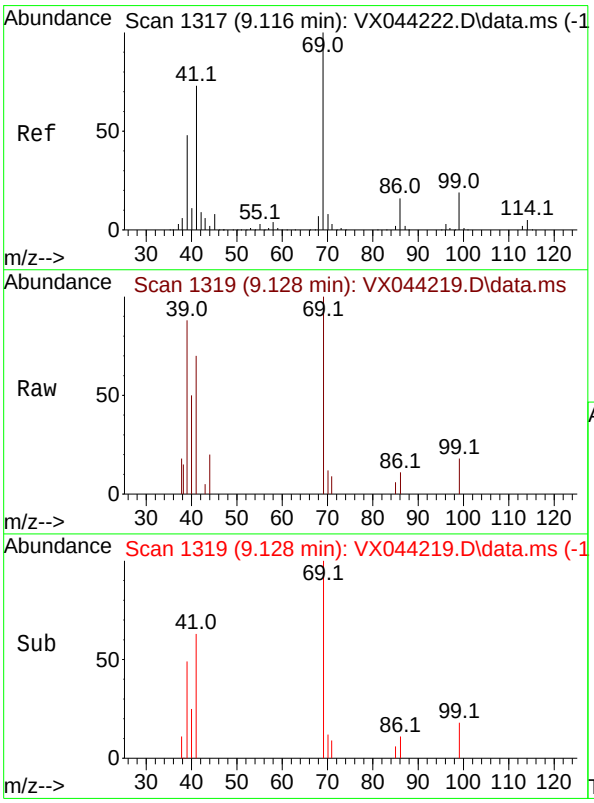
#55
1,1,2-Trichloroethane
Concen: 0.994 ug/l
RT: 9.159 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 97 Resp: 1710

Ion	Ratio	Lower	Upper
97	100		
83	59.0	65.3	97.9#
85	46.3	44.6	67.0
99	54.7	50.2	75.2

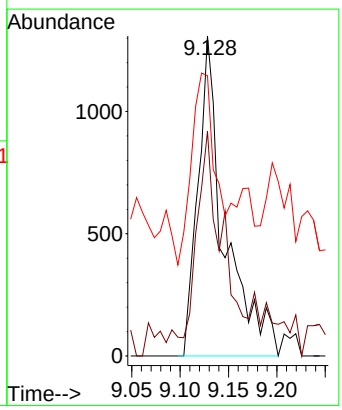


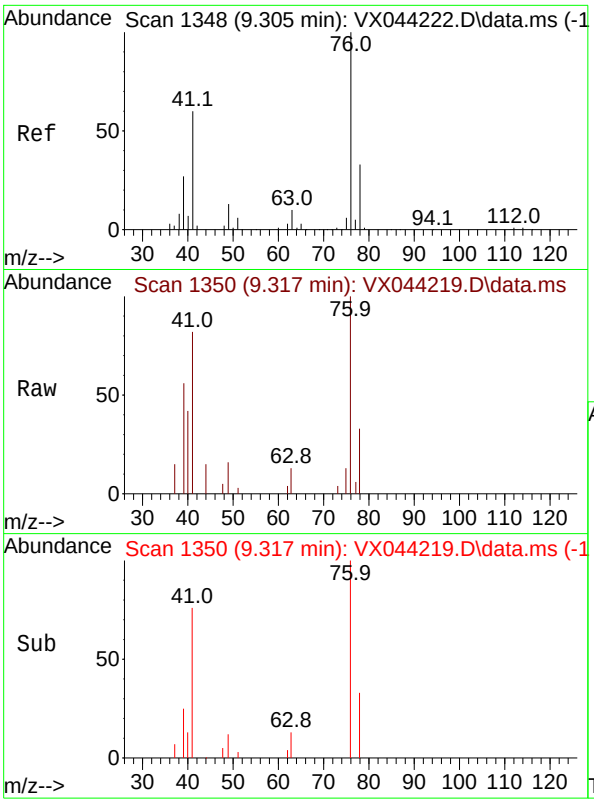


#56
Ethyl methacrylate
Concen: 0.917 ug/l
RT: 9.128 min Scan# 1319
Delta R.T. 0.012 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 69 Resp: 2490

Ion	Ratio	Lower	Upper
69	100		
41	55.7	56.6	85.0#
39	53.1	37.4	56.0



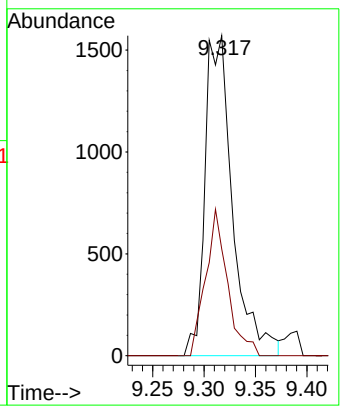


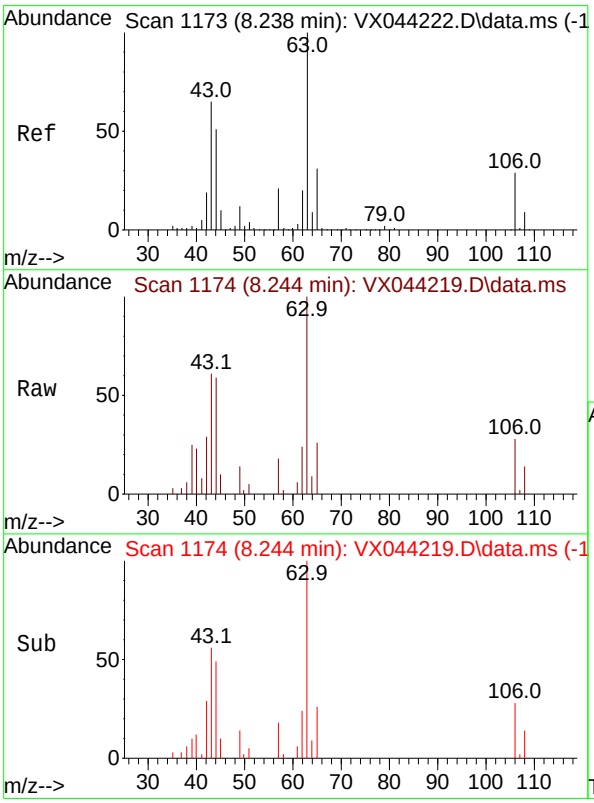
#57
1,3-Dichloropropane
Concen: 0.979 ug/l
RT: 9.317 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 2929

Ion	Ratio	Lower	Upper
76	100		
78	36.5	26.5	39.7

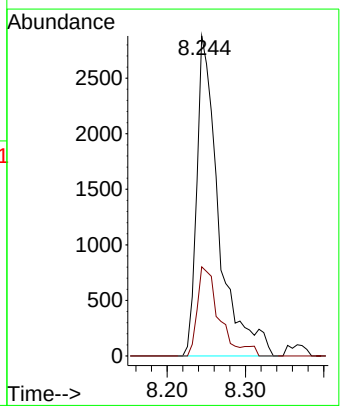


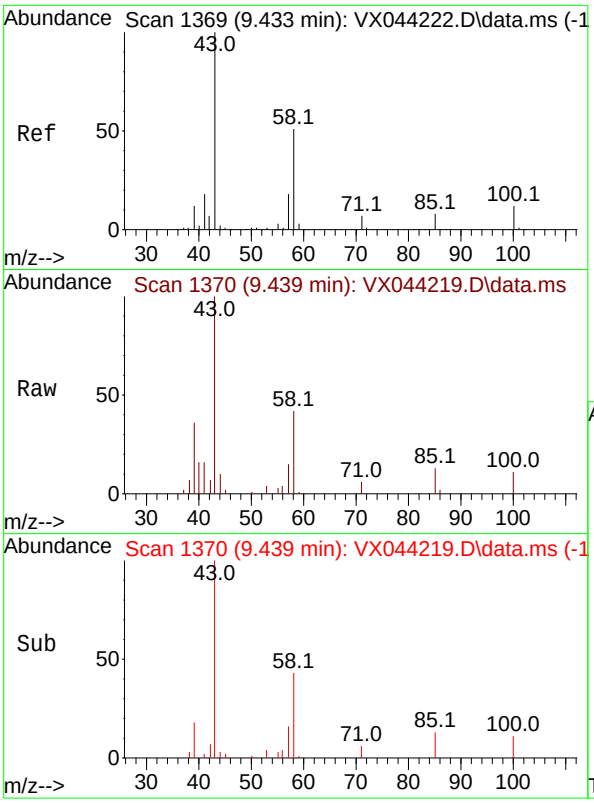


#58
2-Chloroethyl Vinyl ether
Concen: 4.105 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 63 Resp: 5621

Ion	Ratio	Lower	Upper
63	100		
106	26.2	22.8	34.2



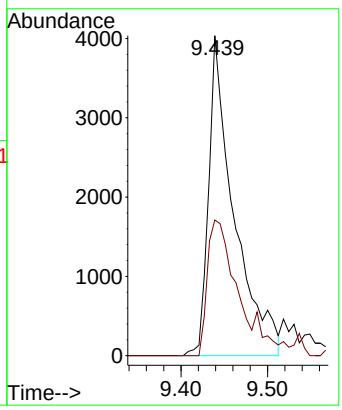


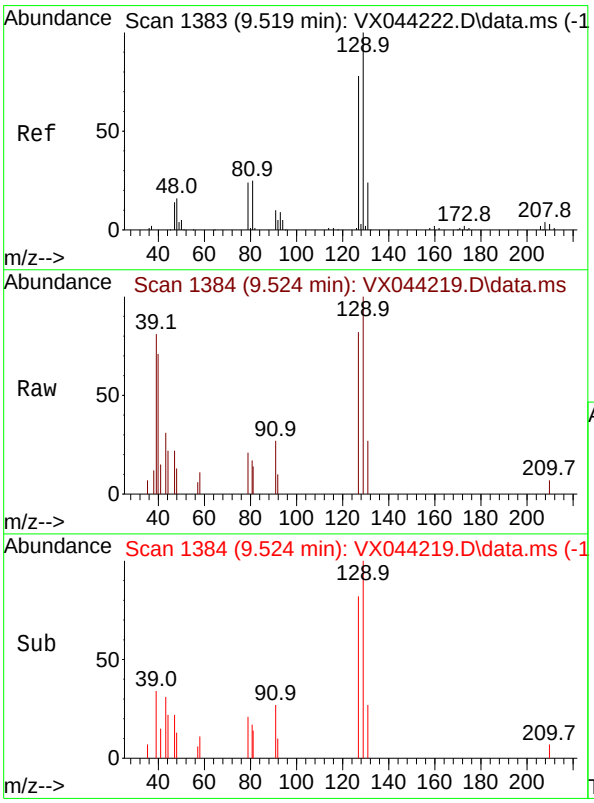
#59
2-Hexanone
Concen: 4.017 ug/l
RT: 9.439 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 8199

Ion	Ratio	Lower	Upper
43	100		
58	52.5	25.7	77.0

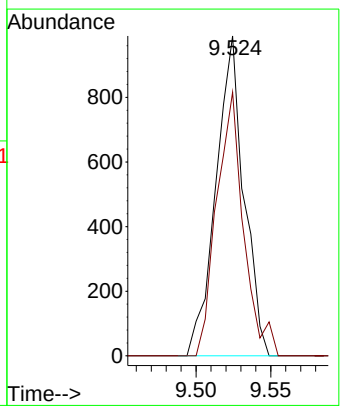


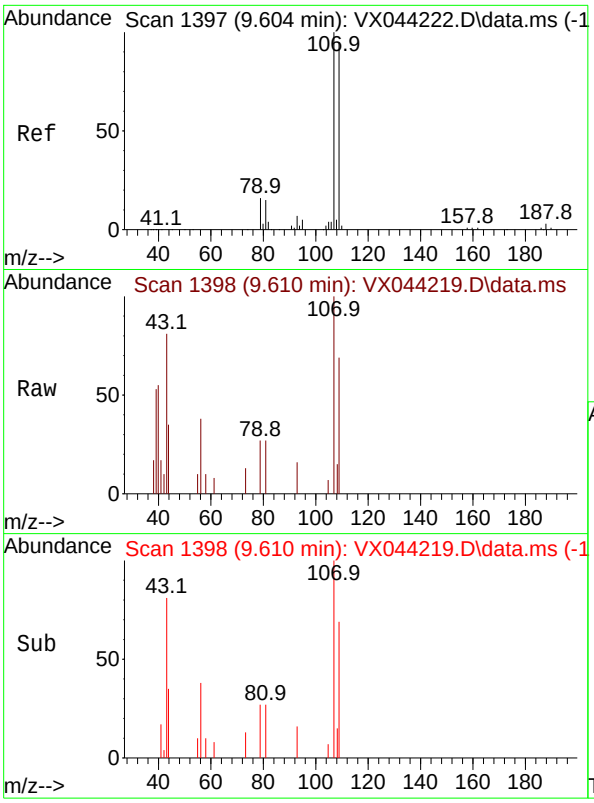


#60
Dibromochloromethane
Concen: 1.953 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:129 Resp: 1289

Ion	Ratio	Lower	Upper
129	100		
127	79.2	38.5	115.3



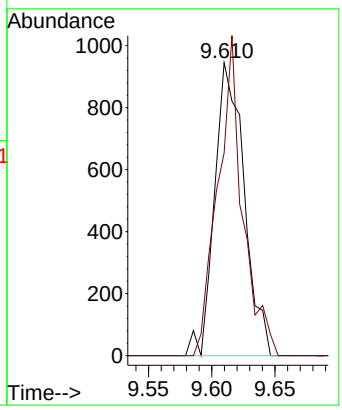


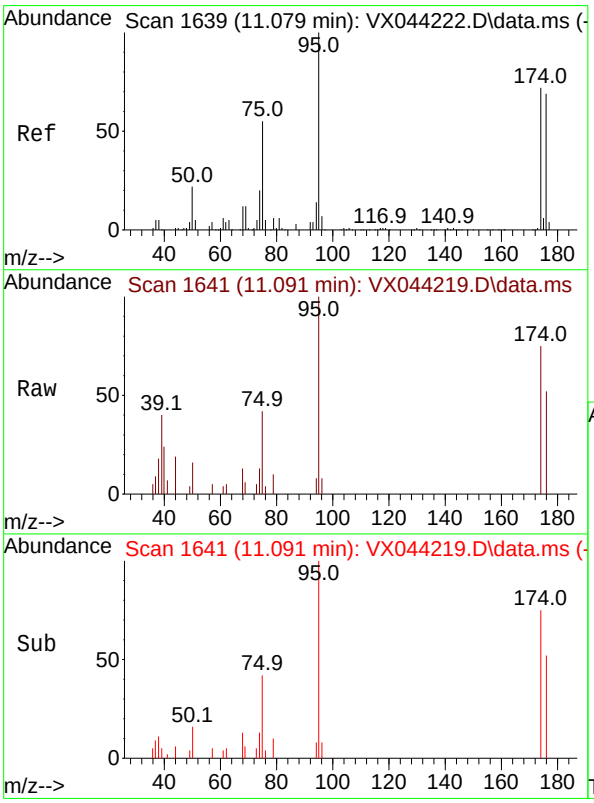
#61
1,2-Dibromoethane
Concen: 0.877 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:107 Resp: 1535

Ion	Ratio	Lower	Upper
107	100		
109	91.3	77.0	115.4

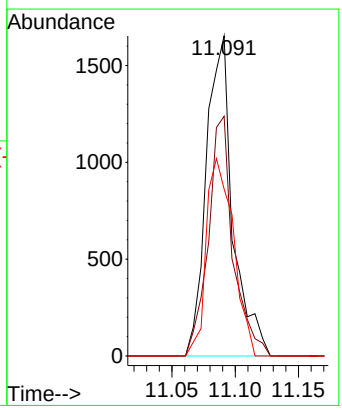


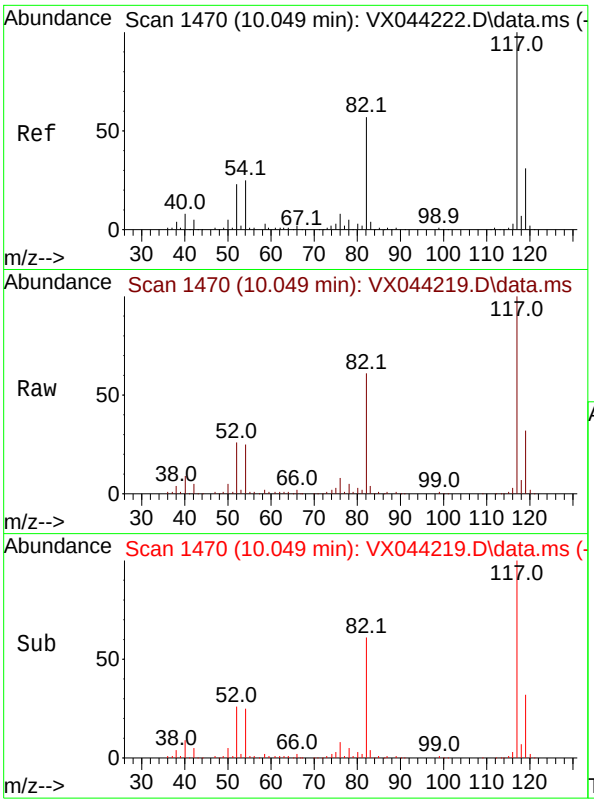


#62
4-Bromofluorobenzene
Concen: 1.158 ug/l
RT: 11.091 min Scan# 1641
Delta R.T. 0.012 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 95 Resp: 2398

Ion	Ratio	Lower	Upper
95	100		
174	70.4	0.0	145.8
176	63.4	0.0	137.8



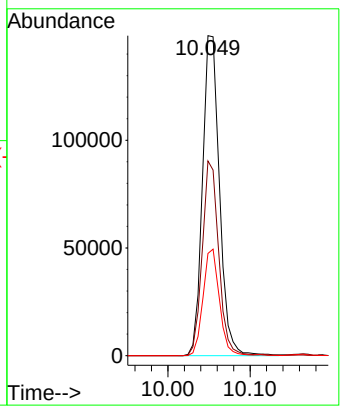


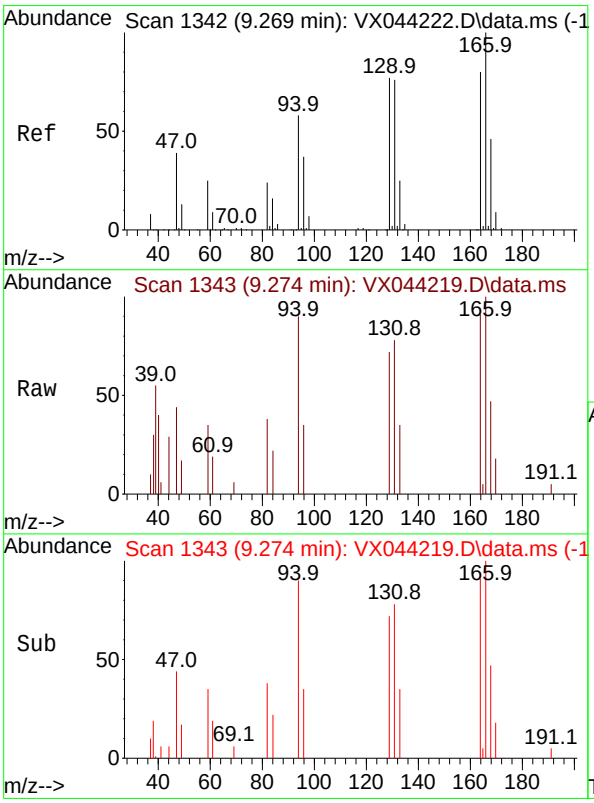
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 213862

Ion	Ratio	Lower	Upper
117	100		
82	60.9	45.8	68.8
119	32.0	25.0	37.4

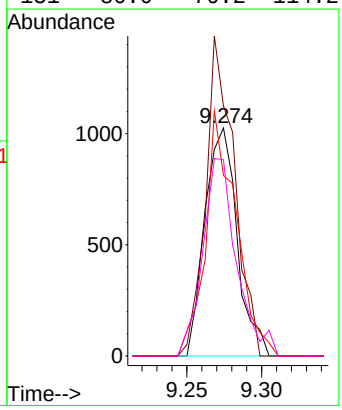


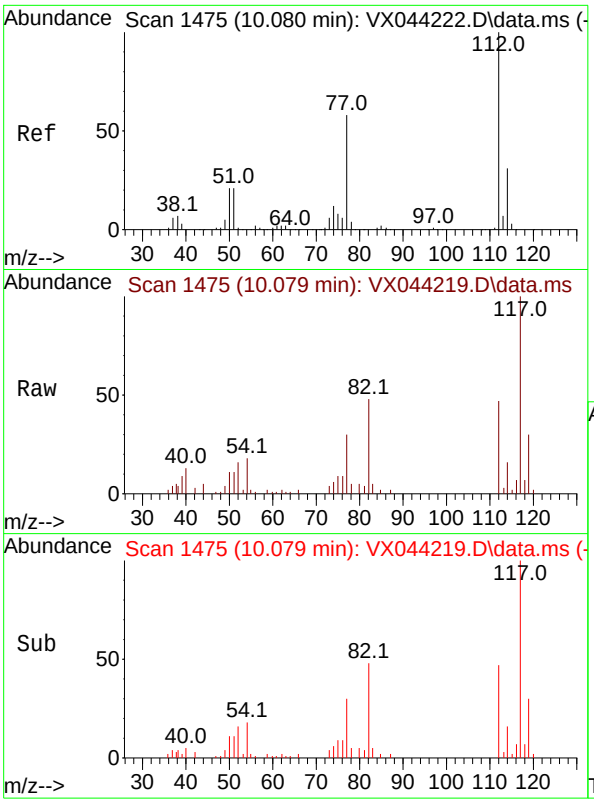


#64
Tetrachloroethene
Concen: 1.082 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:164 Resp: 1536

Ion	Ratio	Lower	Upper
164	100		
166	109.7	100.4	150.6
129	79.2	77.2	115.8
131	86.0	76.2	114.2



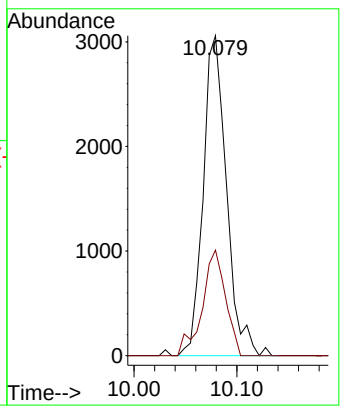


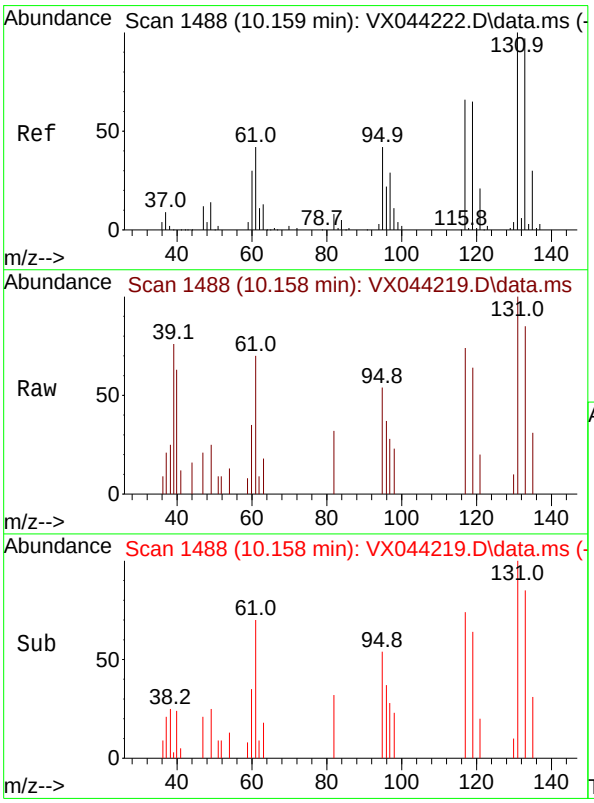
#65
Chlorobenzene
Concen: 1.055 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:112 Resp: 4835

Ion	Ratio	Lower	Upper
112	100		
114	33.0	25.0	37.6

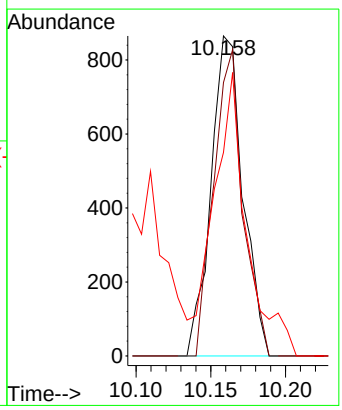


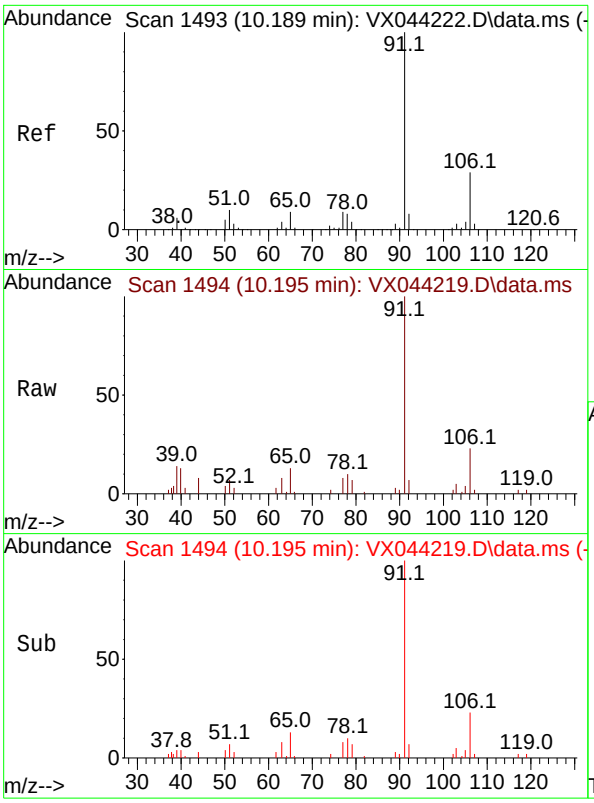


#66
1,1,1,2-Tetrachloroethane
Concen: 0.875 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:131 Resp: 1288

Ion	Ratio	Lower	Upper
131	100		
133	87.3	47.3	141.8
119	0.0	31.6	95.0#



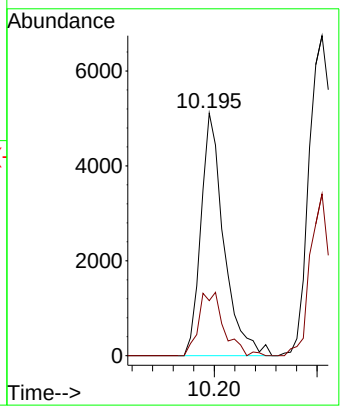


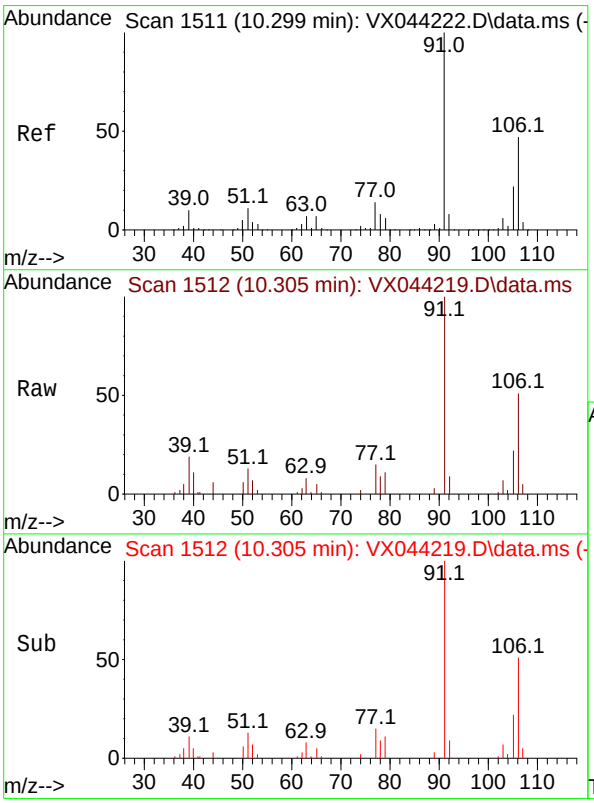
#67
Ethyl Benzene
Concen: 1.001 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 7924

Ion	Ratio	Lower	Upper
91	100		
106	22.7	23.5	35.3#

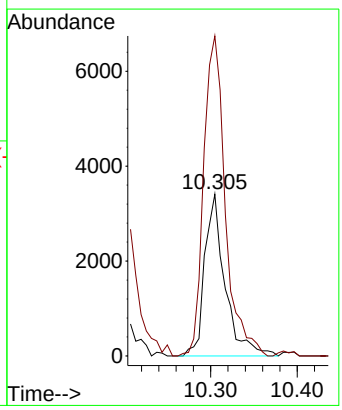


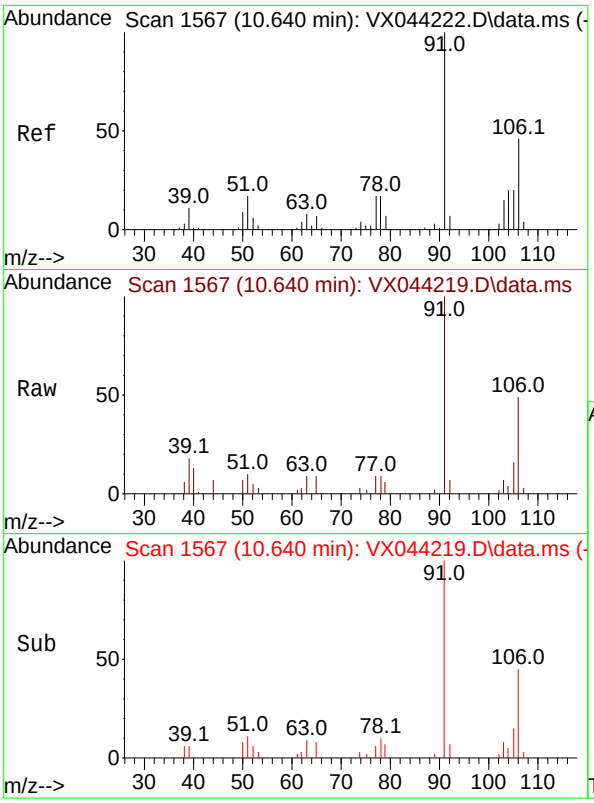


#68
m/p-Xylenes
Concen: 1.922 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:106 Resp: 5583

Ion	Ratio	Lower	Upper
106	100		
91	210.1	170.2	255.2



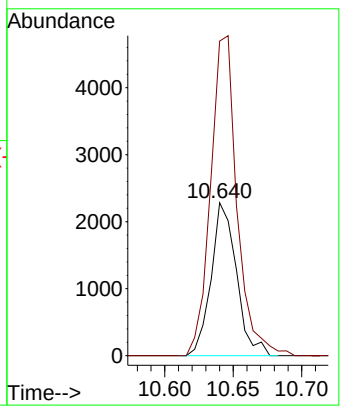


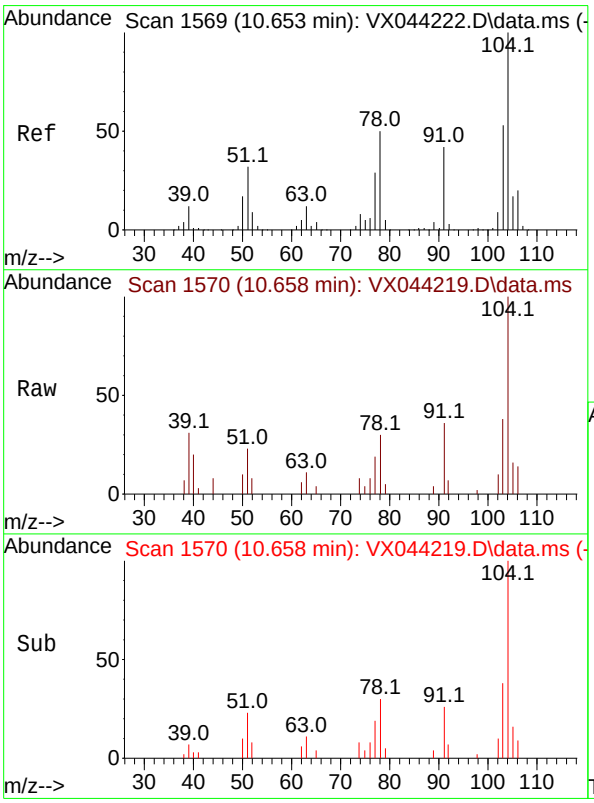
#69
o-Xylene
Concen: 0.998 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:106 Resp: 2933

Ion	Ratio	Lower	Upper
106	100		
91	218.2	112.3	337.0

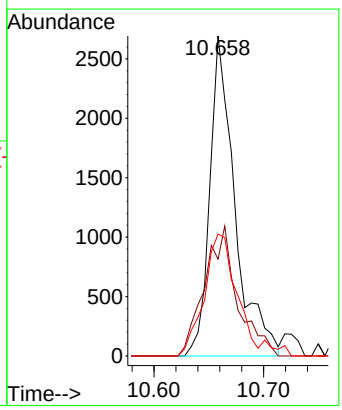


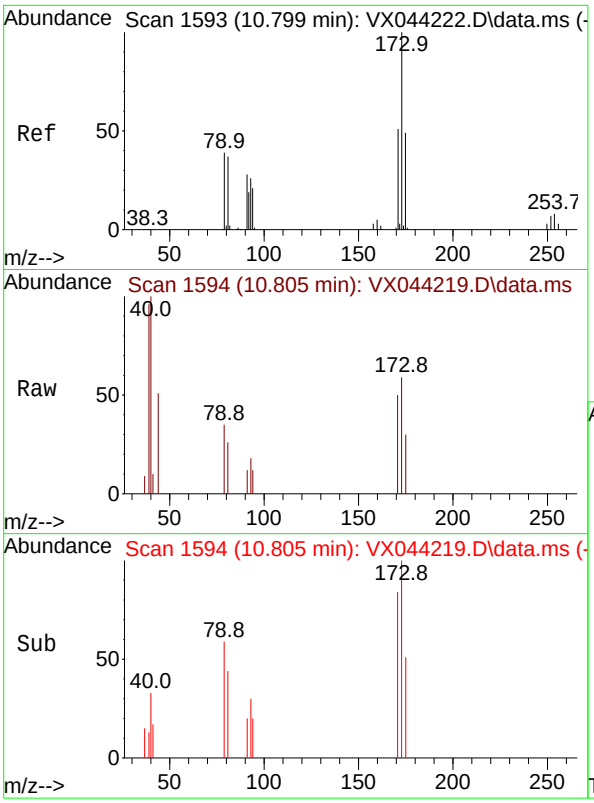


#70
Styrene
Concen: 0.914 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:104 Resp: 4306

Ion	Ratio	Lower	Upper
104	100		
78	52.8	44.6	67.0
103	51.2	45.4	68.0



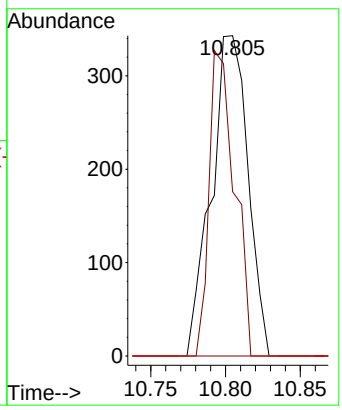


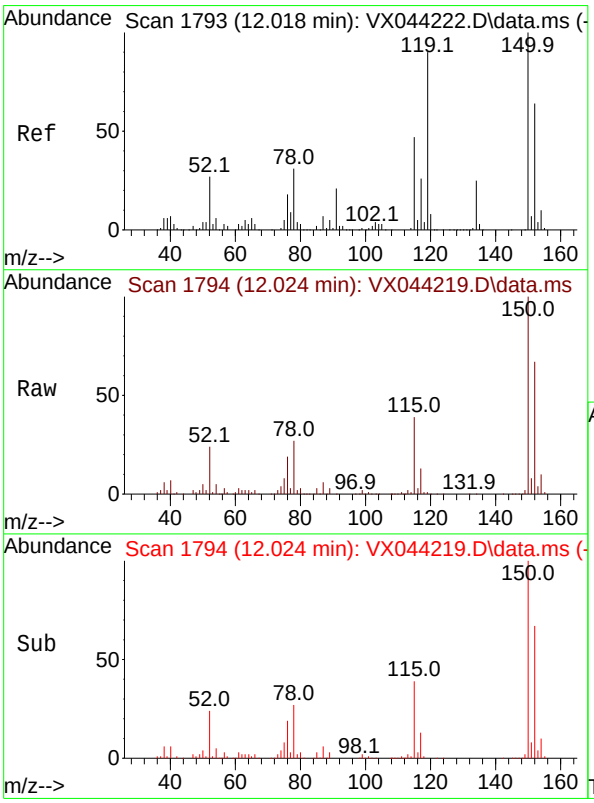
#71
Bromoform
Concen: 1.847 ug/l
RT: 10.805 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:173 Resp: 584

Ion	Ratio	Lower	Upper
173	100		
175	66.1	23.8	71.4
254	0.0	0.0	0.0

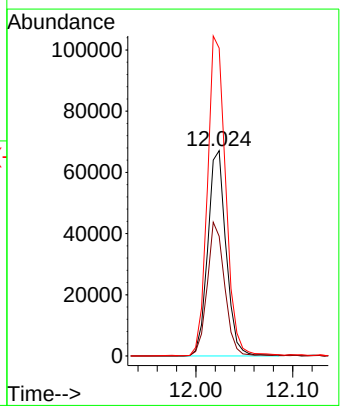


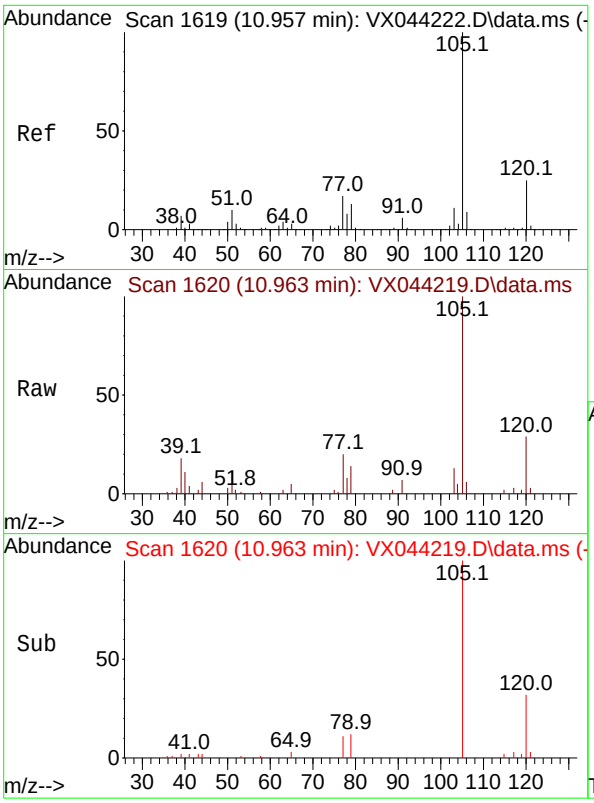


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:152 Resp: 88334

Ion	Ratio	Lower	Upper
152	100		
115	62.1	44.5	133.3
150	155.1	0.0	353.8



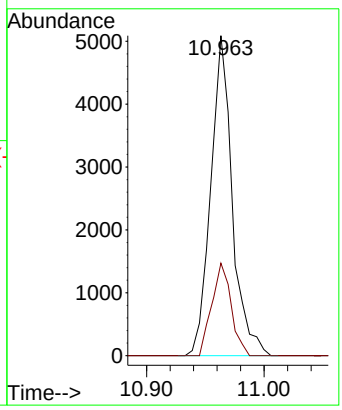


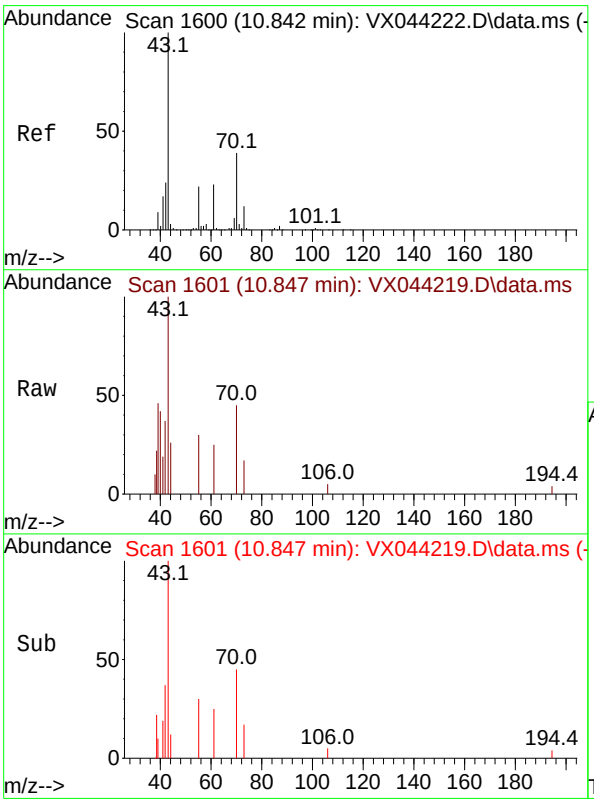
#73
Isopropylbenzene
Concen: 0.957 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 6474

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.1	39.3

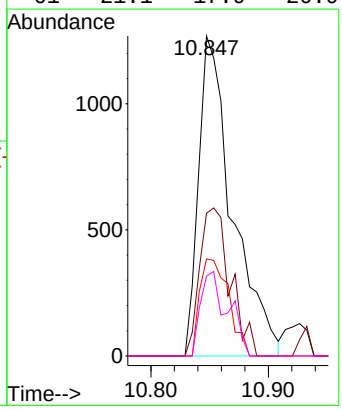


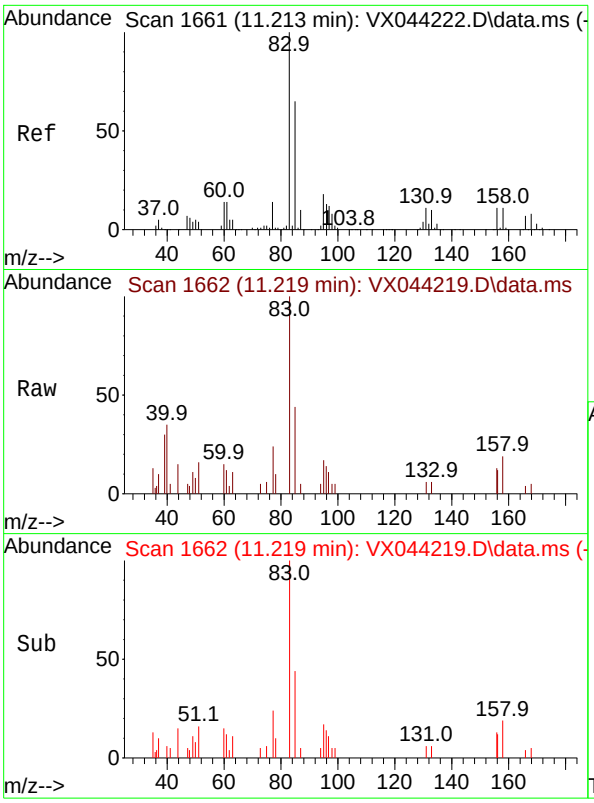


#74
N-amyl acetate
Concen: 0.811 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 43 Resp: 2536

Ion	Ratio	Lower	Upper
43	100		
70	41.9	31.9	47.9
55	26.0	17.9	26.9
61	21.1	17.9	26.9



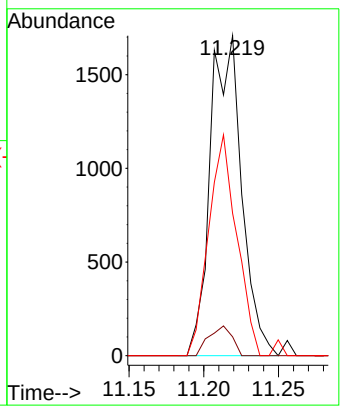


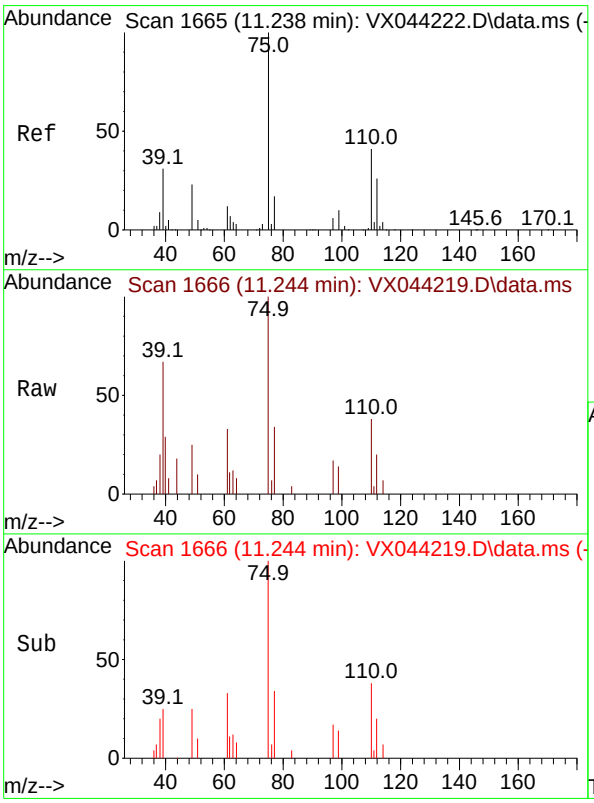
#75
1,1,2,2-Tetrachloroethane
Concen: 1.061 ug/l
RT: 11.219 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 2491

Ion	Ratio	Lower	Upper
83	100		
131	6.9	5.1	15.4
85	61.8	32.5	97.4

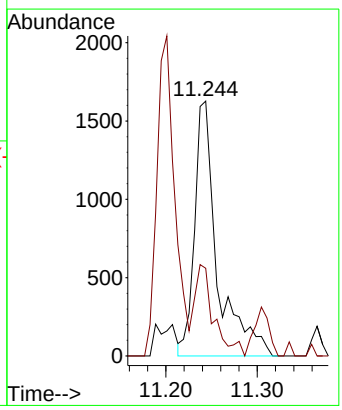


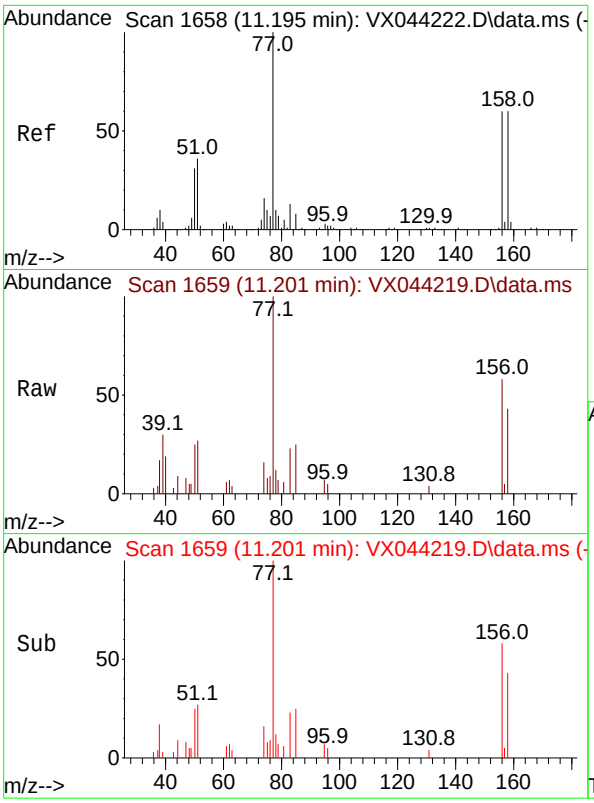


#76
1,2,3-Trichloropropane
Concen: 1.402 ug/l
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 75 Resp: 2810

Ion	Ratio	Lower	Upper
75	100		
77	29.9	20.9	62.7



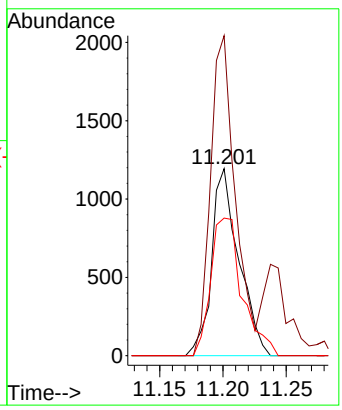


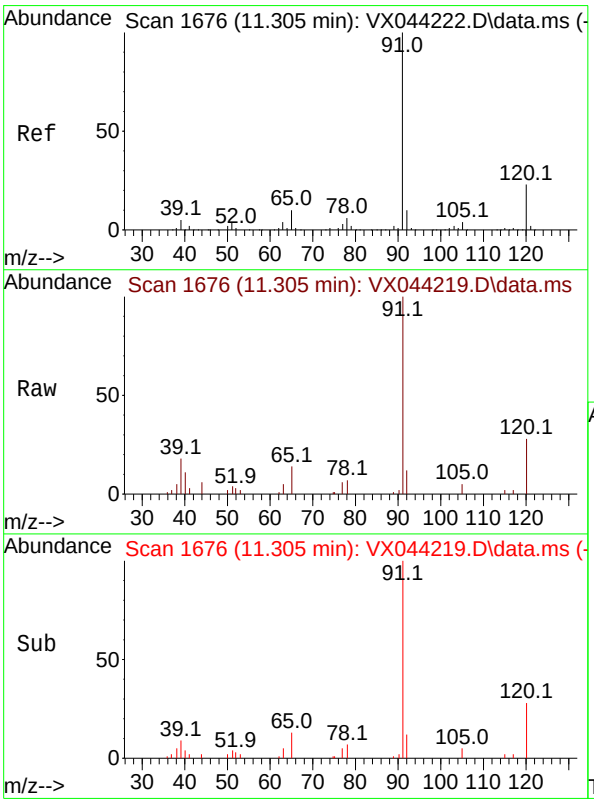
#77
Bromobenzene
Concen: 1.087 ug/l
RT: 11.201 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:156 Resp: 1783

Ion	Ratio	Lower	Upper
156	100		
77	155.1	82.6	247.8
158	85.2	48.8	146.4

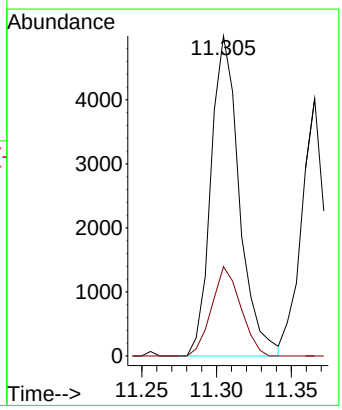


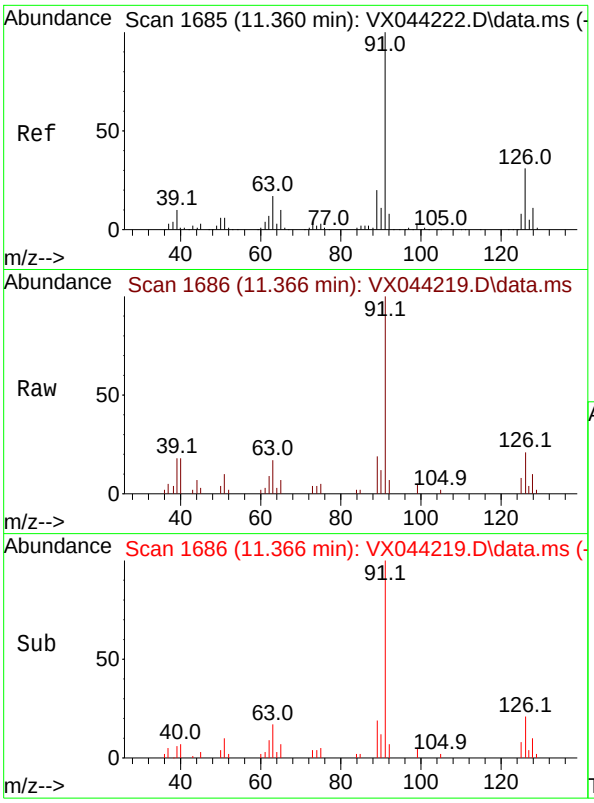


#78
n-propylbenzene
Concen: 0.884 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 91 Resp: 6606

Ion	Ratio	Lower	Upper
91	100		
120	28.4	11.0	33.0



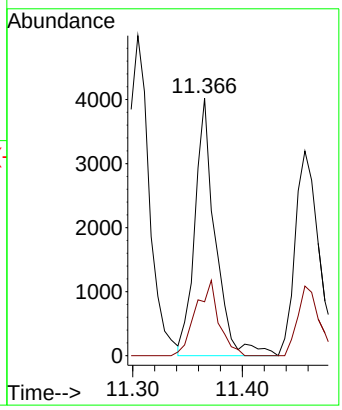


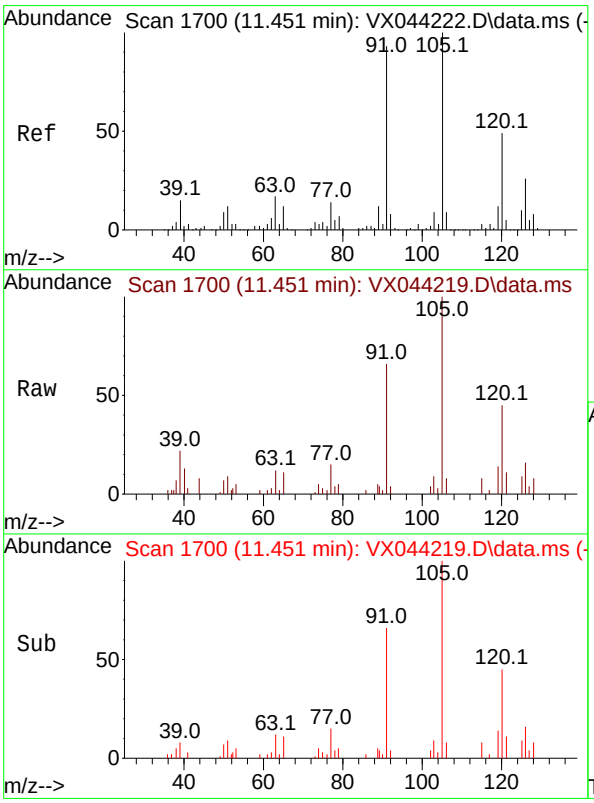
#79
2-Chlorotoluene
Concen: 1.075 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 5194

Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.4	49.1

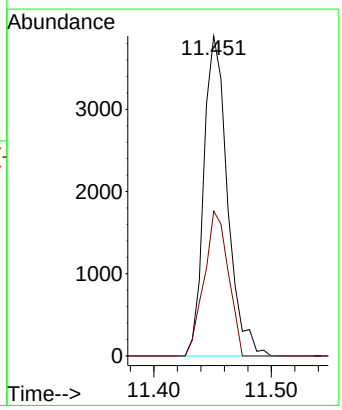


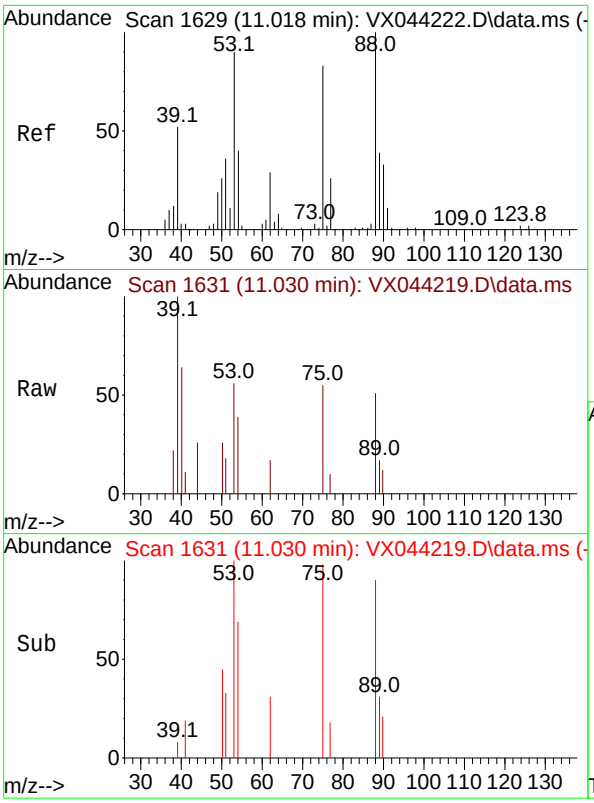


#80
1,3,5-Trimethylbenzene
Concen: 0.966 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:105 Resp: 5417

Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.8	71.4



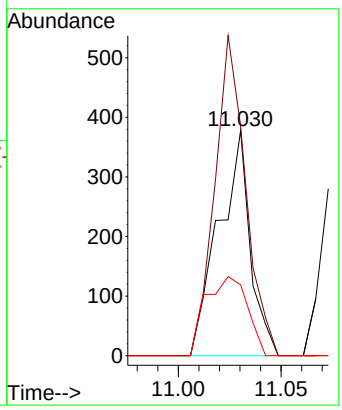


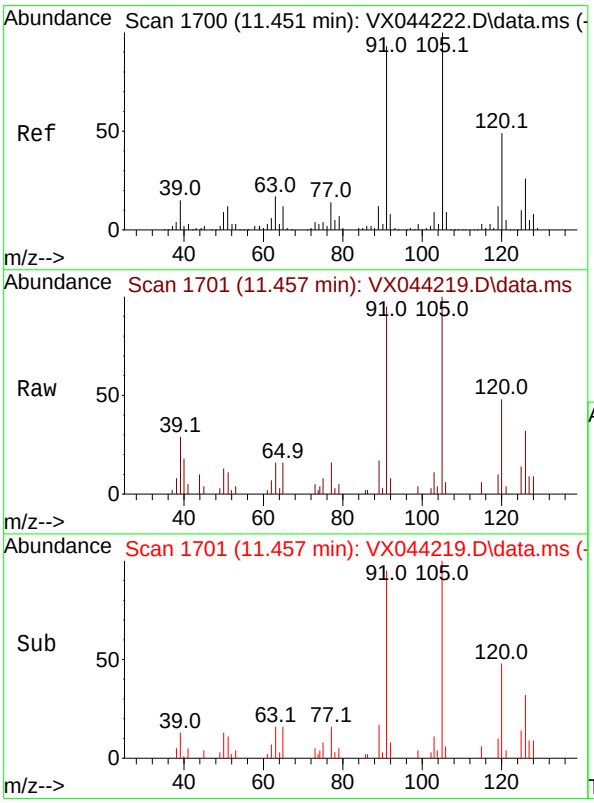
#81
trans-1,4-Dichloro-2-butene
Concen: 6.098 ug/l
RT: 11.030 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 402

Ion	Ratio	Lower	Upper
75	100		
53	139.1	93.6	140.4
89	46.8	37.3	55.9

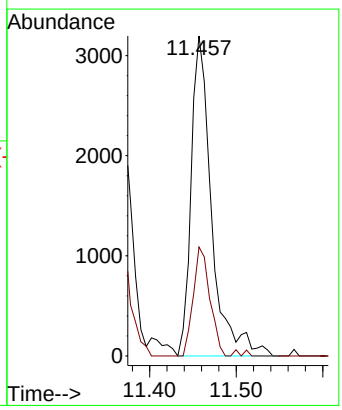


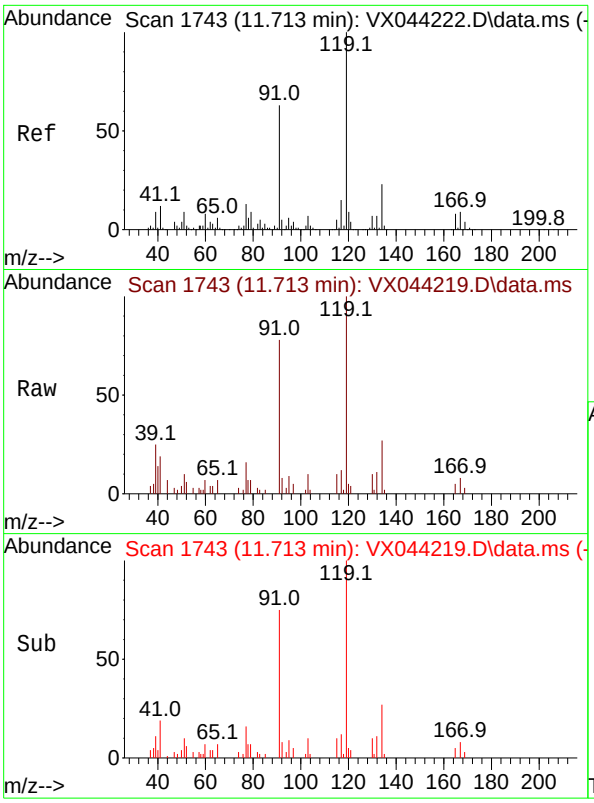


#82
4-Chlorotoluene
Concen: 0.978 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 91 Resp: 5236

Ion	Ratio	Lower	Upper
91	100		
126	27.7	14.5	43.5



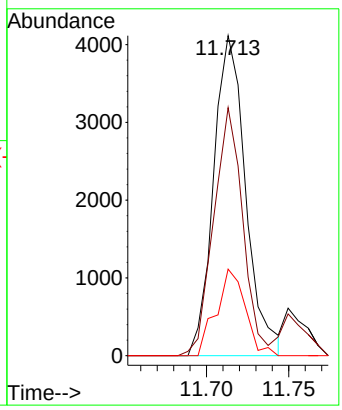


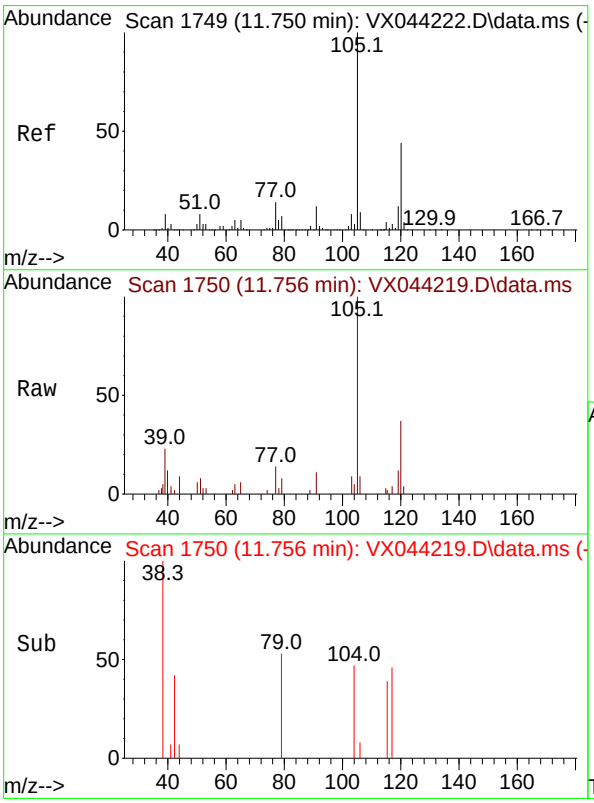
#83
tert-Butylbenzene
Concen: 1.011 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 5601

Ion	Ratio	Lower	Upper
119	100		
91	70.2	30.9	92.5
134	24.5	11.5	34.4

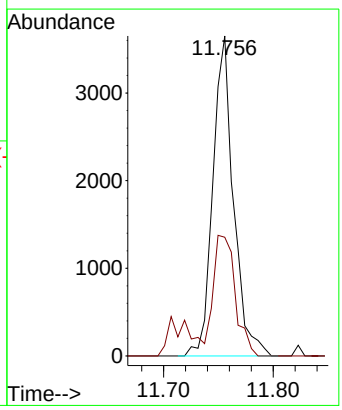


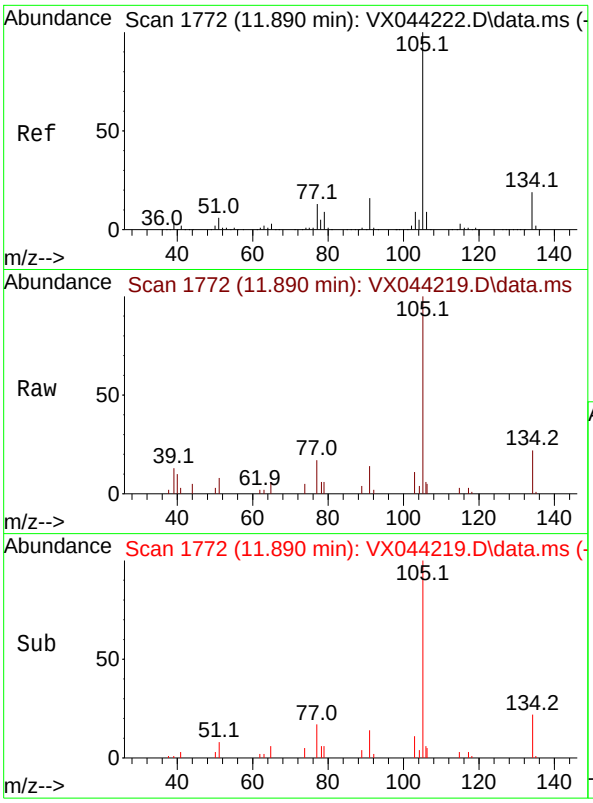


#84
1,2,4-Trimethylbenzene
Concen: 0.866 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:105 Resp: 4769

Ion	Ratio	Lower	Upper
105	100		
120	40.0	21.7	65.1



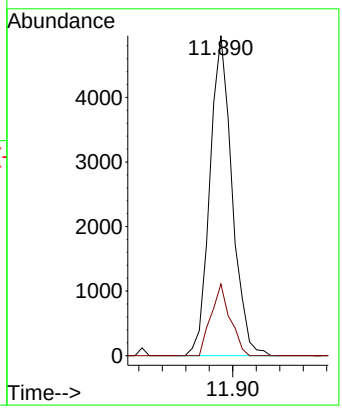


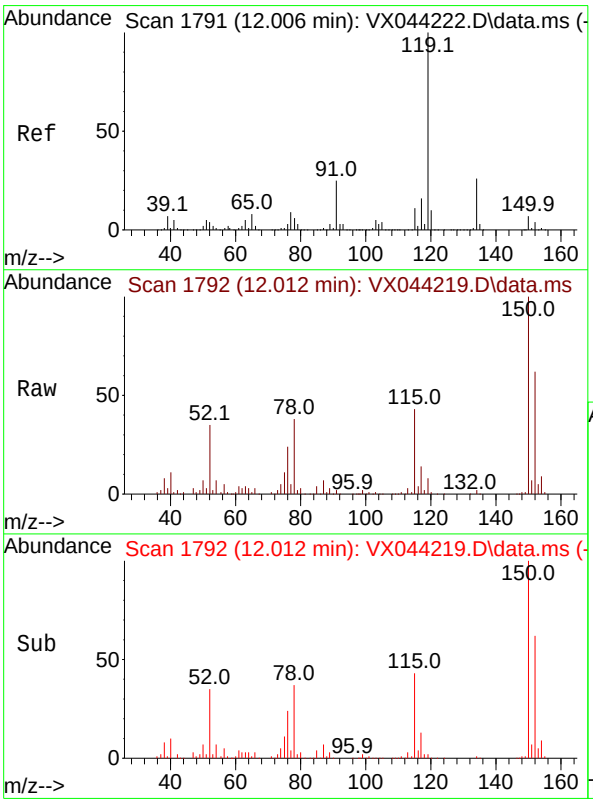
#85
sec-Butylbenzene
Concen: 0.966 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 6500

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.8	29.4

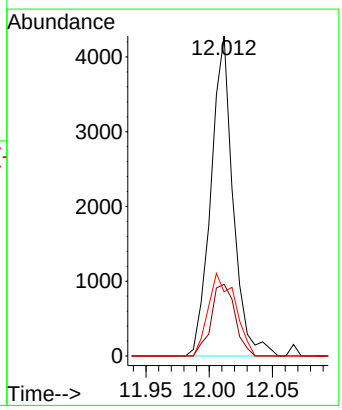


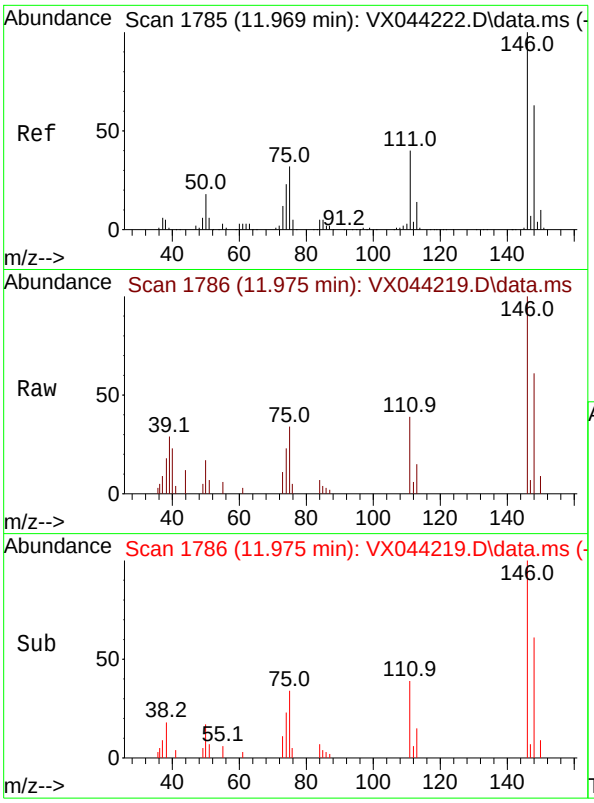


#86
p-Isopropyltoluene
Concen: 0.930 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:119 Resp: 5210

Ion	Ratio	Lower	Upper
119	100		
134	24.2	12.8	38.4
91	31.2	13.0	39.0



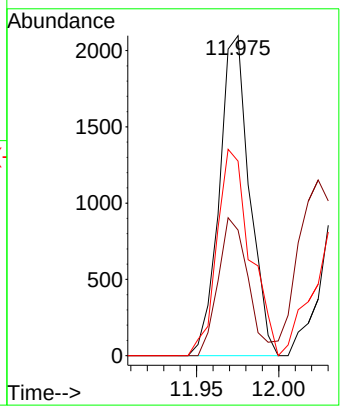


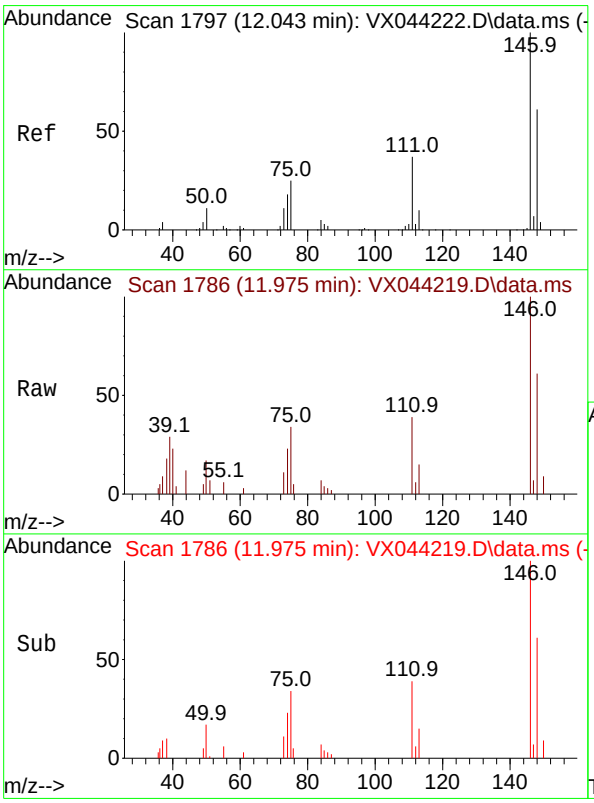
#87
1,3-Dichlorobenzene
Concen: 0.937 ug/l
RT: 11.975 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 2684

Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.4	64.2
148	71.6	31.7	95.1

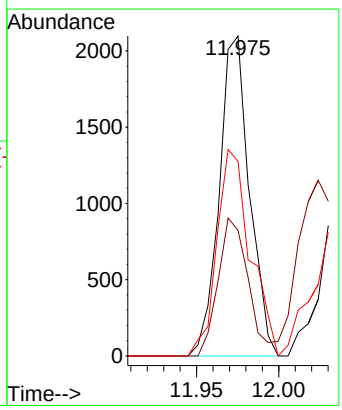


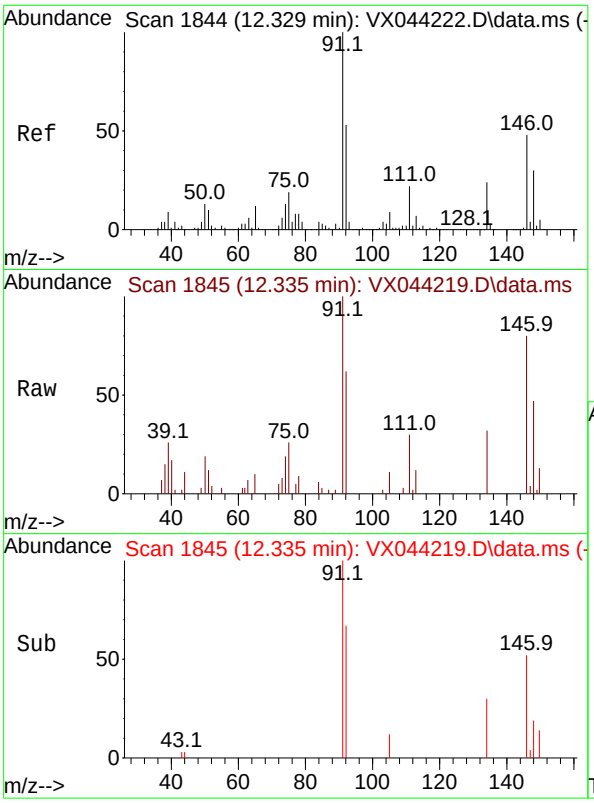


#88
1,4-Dichlorobenzene
Concen: 0.912 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. -0.067 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:146 Resp: 2684

Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.0	63.0
148	71.6	32.3	96.8



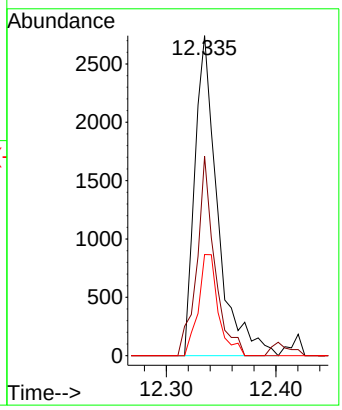


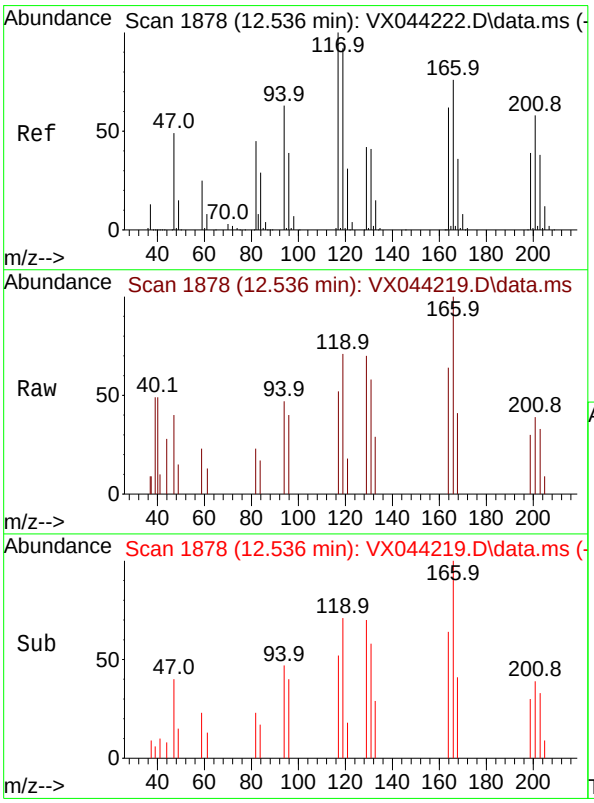
#89
n-Butylbenzene
Concen: 0.844 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 3973

Ion	Ratio	Lower	Upper
91	100		
92	48.5	26.6	79.7
134	27.8	12.6	37.8

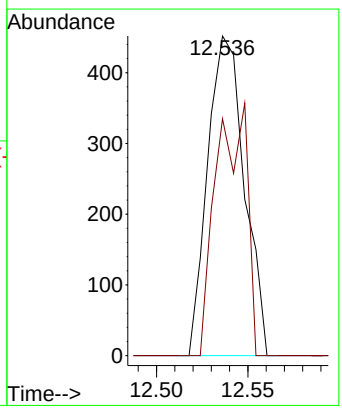


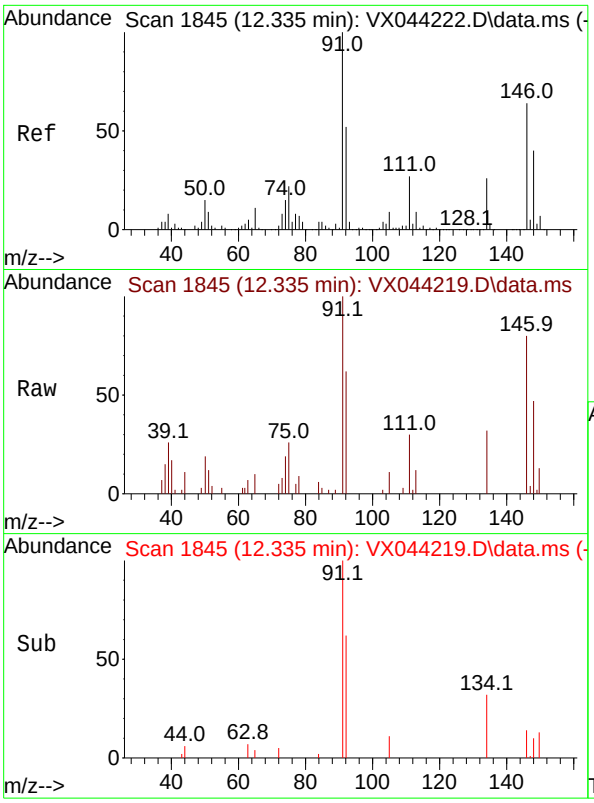


#90
Hexachloroethane
Concen: 0.773 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:117 Resp: 632

Ion	Ratio	Lower	Upper
117	100		
201	66.9	31.4	94.2



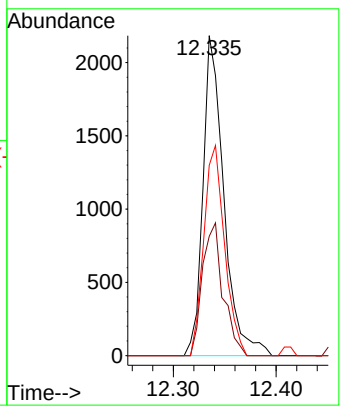


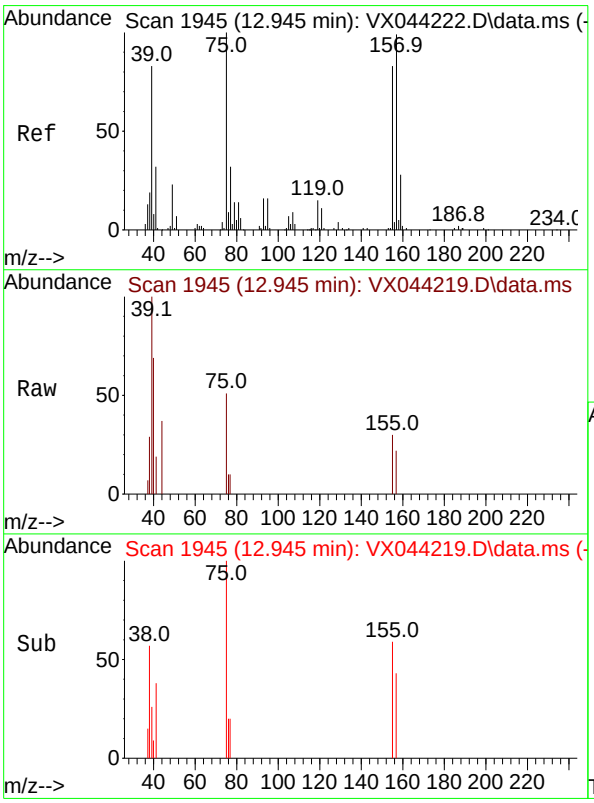
#91
1,2-Dichlorobenzene
Concen: 1.036 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 3082

Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.4	64.3
148	65.4	31.6	95.0

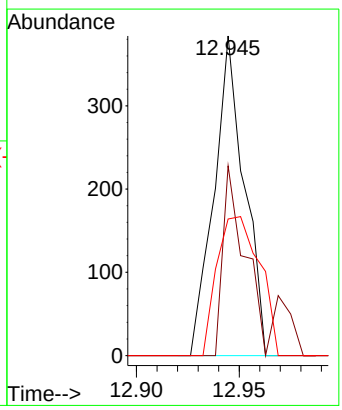


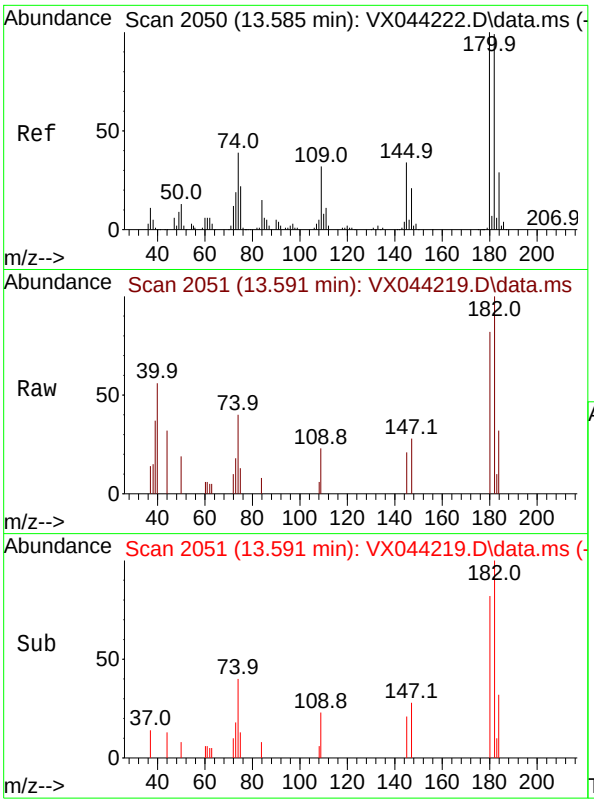


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.860 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 75 Resp: 392

Ion	Ratio	Lower	Upper
75	100		
155	54.6	38.1	114.3
157	61.5	47.2	141.6



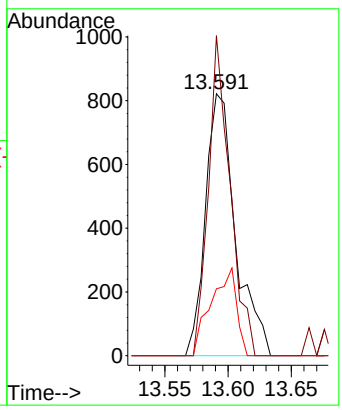


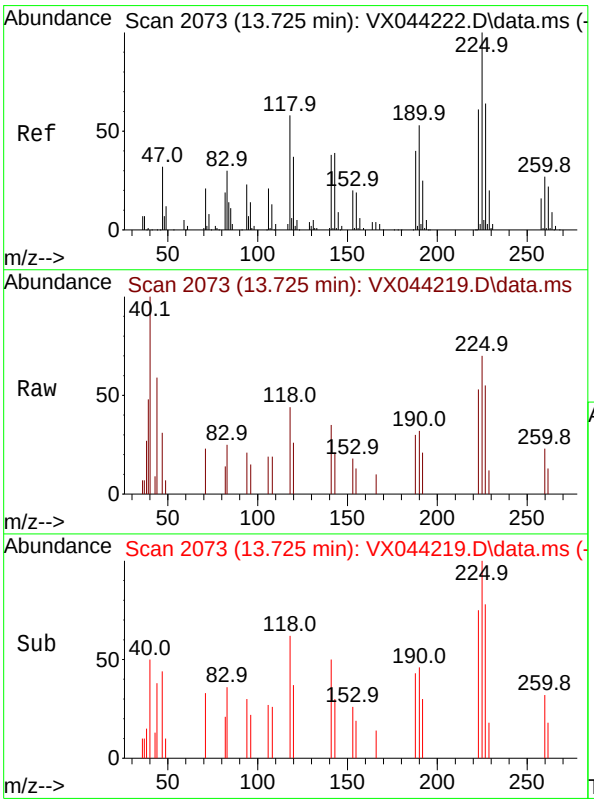
#93
1,2,4-Trichlorobenzene
Concen: 0.835 ug/l
RT: 13.591 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:180 Resp: 1361

Ion	Ratio	Lower	Upper
180	100		
182	88.0	48.0	144.2
145	28.4	16.6	49.7

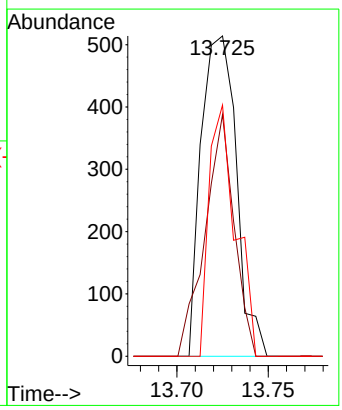


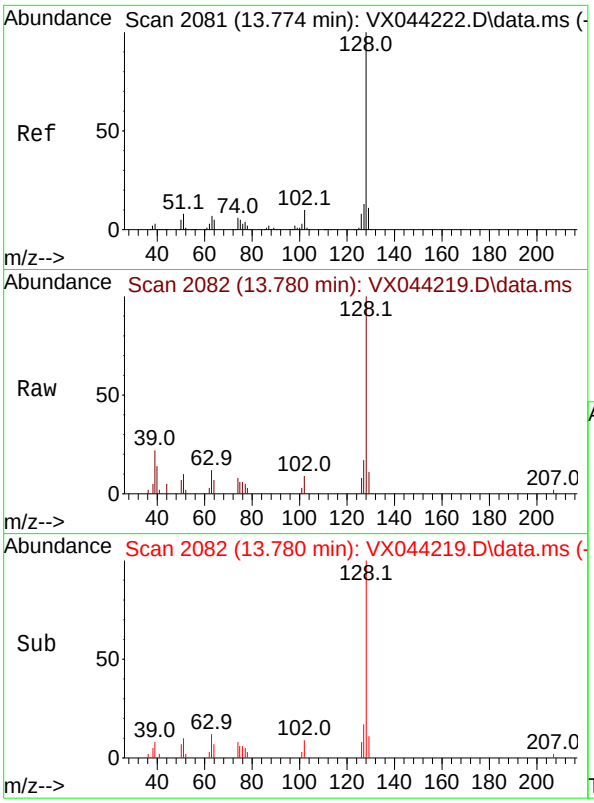


#94
Hexachlorobutadiene
Concen: 1.051 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:225 Resp: 689

Ion	Ratio	Lower	Upper
225	100		
223	62.4	30.8	92.4
227	59.4	32.1	96.3



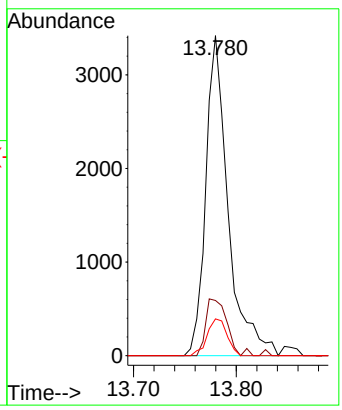


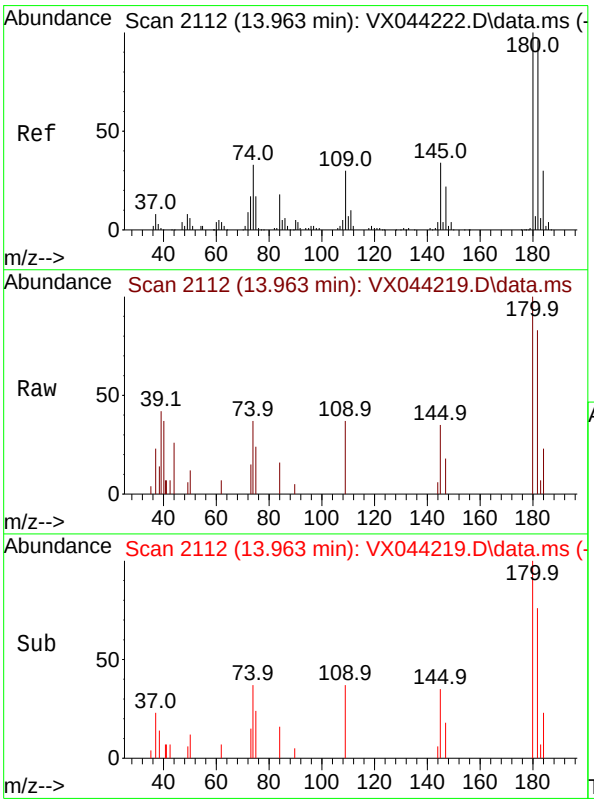
#95
Naphthalene
Concen: 0.812 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:128 Resp: 5167

Ion	Ratio	Lower	Upper
128	100		
127	16.8	10.5	15.7#
129	10.2	9.0	13.4

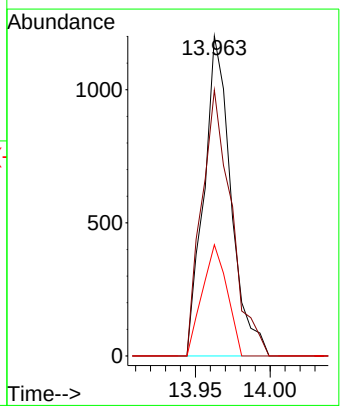




#96
1,2,3-Trichlorobenzene
Concen: 0.873 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:180 Resp: 1509

Ion	Ratio	Lower	Upper
180	100		
182	91.3	48.0	144.0
145	31.9	17.7	53.1



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044220.D
Acq On : 11 Dec 2024 11:27
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Dec 12 04:13:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	139609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	258881	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	13043	5.328	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 10.660%#			
35) Dibromofluoromethane	5.385	113	9145	5.100	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 10.200%#			
50) Toluene-d8	8.647	98	29732	4.915	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 9.840%#			
62) 4-Bromofluorobenzene	11.079	95	10101	4.779	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 9.560%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	10452	4.842	ug/l	91
3) Chloromethane	1.294	50	10429	5.052	ug/l	95
4) Vinyl Chloride	1.374	62	11031	5.129	ug/l	98
5) Bromomethane	1.593	94	8237	5.399	ug/l	92
6) Chloroethane	1.660	64	7253	5.416	ug/l	96
7) Trichlorofluoromethane	1.868	101	21207	5.037	ug/l	91
8) Diethyl Ether	2.136	74	7199	5.009	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.313	101	8766	5.145	ug/l	97
10) Methyl Iodide	2.447	142	11066	4.928	ug/l	97
11) Tert butyl alcohol	2.995	59	6094	17.693	ug/l	99
12) 1,1-Dichloroethene	2.306	96	7822	4.999	ug/l	95
13) Acrolein	2.239	56	12521	25.073	ug/l	100
14) Allyl chloride	2.654	41	12490	4.792	ug/l	94
15) Acrylonitrile	3.069	53	23276	24.357	ug/l	99
16) Acetone	2.392	43	24645	24.696	ug/l	93
17) Carbon Disulfide	2.495	76	12169	4.091	ug/l	99
18) Methyl Acetate	2.709	43	12412	4.824	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	30546	5.002	ug/l	94
20) Methylene Chloride	2.782	84	9466	5.050	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	7768	4.671	ug/l	97
22) Diisopropyl ether	3.764	45	29518	5.029	ug/l #	73
23) Vinyl Acetate	3.721	43	109670	22.983	ug/l	96
24) 1,1-Dichloroethane	3.605	63	16370	5.004	ug/l	96
25) 2-Butanone	4.574	43	34245	24.138	ug/l	97
26) 2,2-Dichloropropane	4.471	77	12514	4.708	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	10292	4.873	ug/l	97
28) Bromochloromethane	4.897	49	8049	5.017	ug/l #	93
29) Tetrahydrofuran	5.019	42	24307	26.693	ug/l	94
30) Chloroform	5.093	83	18319	4.984	ug/l	93
31) Cyclohexane	5.464	56	12995	4.919	ug/l	89
32) 1,1,1-Trichloroethane	5.373	97	14231	4.664	ug/l	96
36) 1,1-Dichloropropene	5.690	75	11455	4.942	ug/l	94
37) Ethyl Acetate	4.727	43	13265	4.630	ug/l	97
38) Carbon Tetrachloride	5.666	117	11476	4.599	ug/l	96
39) Methylcyclohexane	7.373	83	13019	4.699	ug/l #	85
40) Benzene	6.037	78	35018	4.976	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044220.D
Acq On : 11 Dec 2024 11:27
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Dec 12 04:13:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.946	41	7585	4.986	ug/l		93
42) 1,2-Dichloroethane	6.092	62	14419	4.974	ug/l		99
43) Isopropyl Acetate	6.354	43	22098	4.935	ug/l		98
44) Trichloroethene	7.123	130	8405	4.790	ug/l		100
45) 1,2-Dichloropropane	7.434	63	8932	4.968	ug/l		94
46) Dibromomethane	7.586	93	6915	4.958	ug/l		99
47) Bromodichloromethane	7.824	83	10646	4.420	ug/l	#	98
48) Methyl methacrylate	7.702	41	9586	4.410	ug/l		97
49) 1,4-Dioxane	7.671	88	2783	74.917	ug/l	#	84
51) 4-Methyl-2-Pentanone	8.574	43	71285	24.759	ug/l		98
52) Toluene	8.720	92	21486	4.862	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	9232	4.665	ug/l		100
54) cis-1,3-Dichloropropene	8.372	75	11404	4.348	ug/l		99
55) 1,1,2-Trichloroethane	9.153	97	8590	4.893	ug/l		97
56) Ethyl methacrylate	9.122	69	11854	4.277	ug/l	#	89
57) 1,3-Dichloropropane	9.311	76	15352	5.024	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	34738	24.852	ug/l		99
59) 2-Hexanone	9.433	43	50003	23.994	ug/l		96
60) Dibromochloromethane	9.519	129	6411	4.738	ug/l		98
61) 1,2-Dibromoethane	9.610	107	8330	4.662	ug/l		97
64) Tetrachloroethene	9.275	164	7710	5.334	ug/l	#	87
65) Chlorobenzene	10.079	112	23268	4.986	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.159	131	6647	4.432	ug/l		94
67) Ethyl Benzene	10.195	91	39326	4.877	ug/l		97
68) m/p-Xylenes	10.299	106	28758	9.720	ug/l		98
69) o-Xylene	10.640	106	14864	4.965	ug/l		97
70) Styrene	10.659	104	22191	4.624	ug/l		98
71) Bromoform	10.799	173	3775	5.118	ug/l	#	98
73) Isopropylbenzene	10.963	105	37843	5.194	ug/l		98
74) N-amyl acetate	10.842	43	15418	4.579	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.213	83	12848	5.077	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	12901	5.974	ug/l		91
77) Bromobenzene	11.201	156	8892	5.033	ug/l		99
78) n-propylbenzene	11.305	91	40574	5.038	ug/l		96
79) 2-Chlorotoluene	11.366	91	27096	5.203	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	30665	5.075	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.024	75	2249	8.273	ug/l	#	62
82) 4-Chlorotoluene	11.457	91	29039	5.035	ug/l		99
83) tert-Butylbenzene	11.713	119	29283	4.904	ug/l		95
84) 1,2,4-Trimethylbenzene	11.750	105	30970	5.219	ug/l		99
85) sec-Butylbenzene	11.890	105	35670	4.921	ug/l		98
86) p-Isopropyltoluene	12.006	119	29132	4.828	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	15553	5.039	ug/l		96
88) 1,4-Dichlorobenzene	12.043	146	15609	4.920	ug/l		95
89) n-Butylbenzene	12.335	91	22719	4.478	ug/l		98
90) Hexachloroethane	12.536	117	3765	4.275	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	15858	4.949	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2154	4.385	ug/l		81
93) 1,2,4-Trichlorobenzene	13.591	180	7867	4.478	ug/l		96
94) Hexachlorobutadiene	13.725	225	3321	4.700	ug/l		93
95) Naphthalene	13.780	128	31842	4.643	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	8422	4.520	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044220.D
Acq On : 11 Dec 2024 11:27
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Dec 12 04:13:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

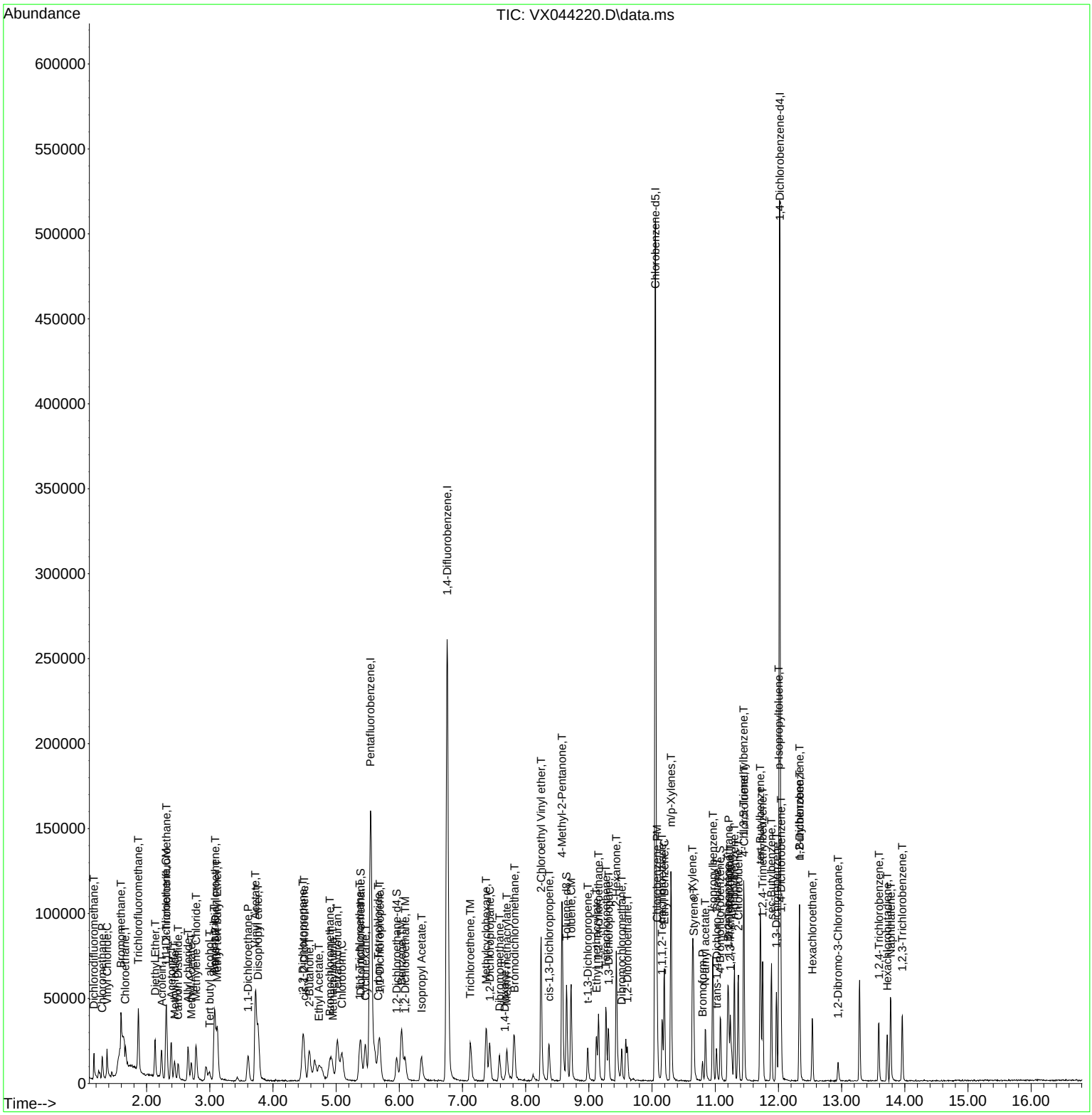
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

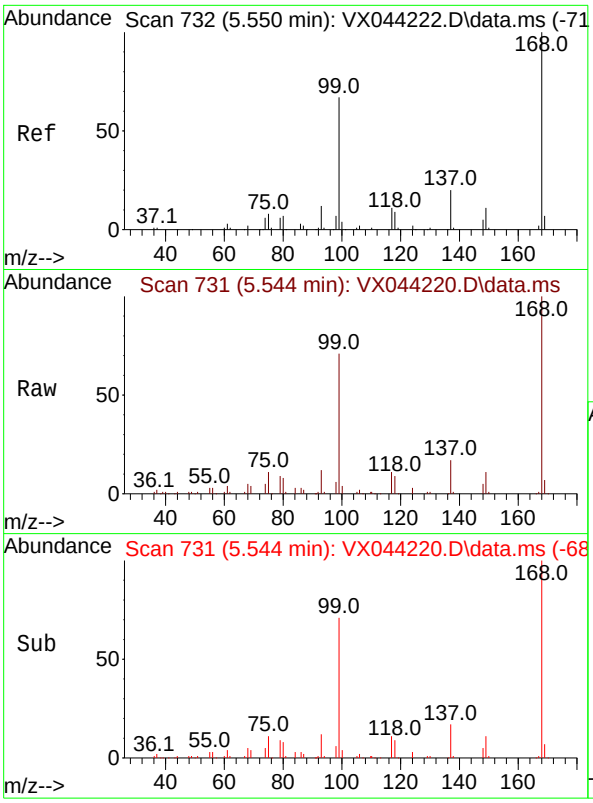
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Data File : VX044220.D
Acq On : 11 Dec 2024 11:27
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Dec 12 04:13:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
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Response via : Initial Calibration



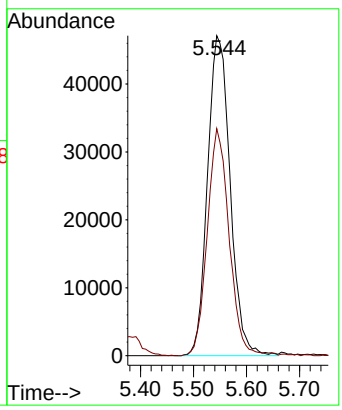


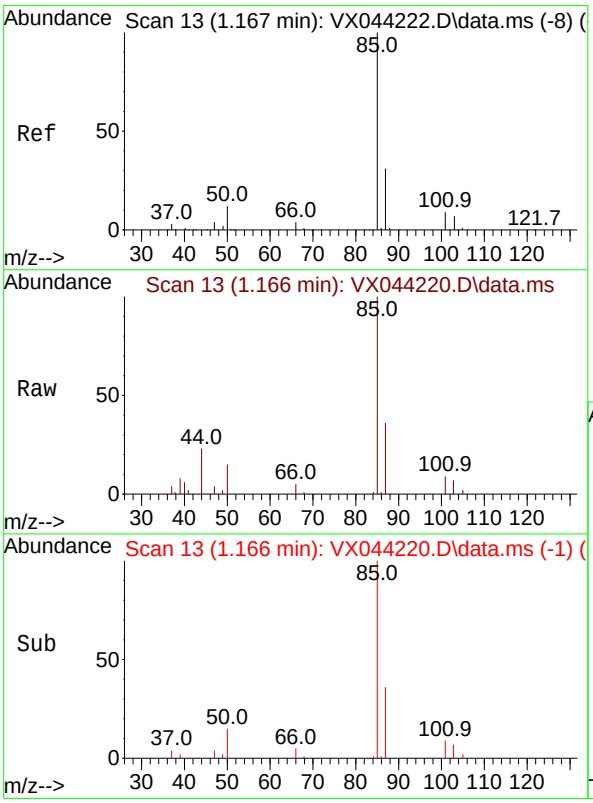
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:168 Resp: 139609

Ion	Ratio	Lower	Upper
168	100		
99	71.0	53.4	80.0

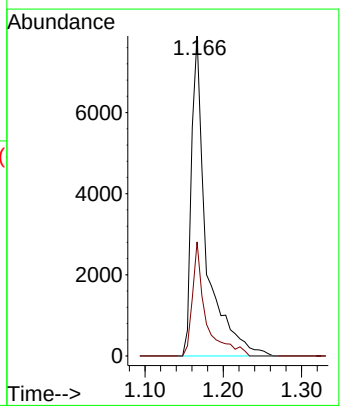


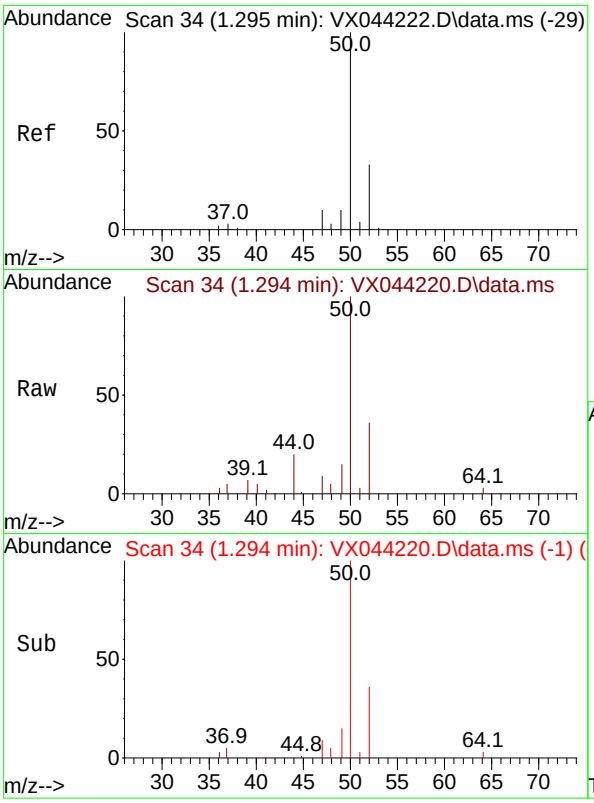


#2
Dichlorodifluoromethane
Concen: 4.842 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 85 Resp: 10452

Ion	Ratio	Lower	Upper
85	100		
87	35.6	15.4	46.4



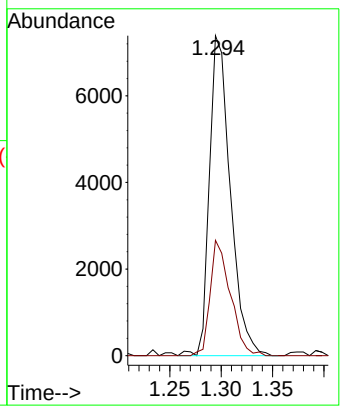


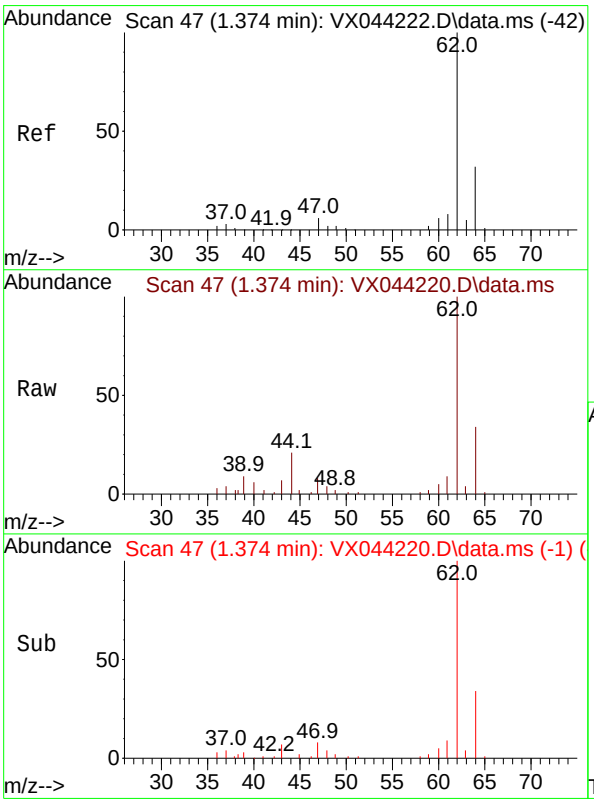
#3
Chloromethane
Concen: 5.052 ug/l
RT: 1.294 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 10429

Ion	Ratio	Lower	Upper
50	100		
52	36.0	26.5	39.7

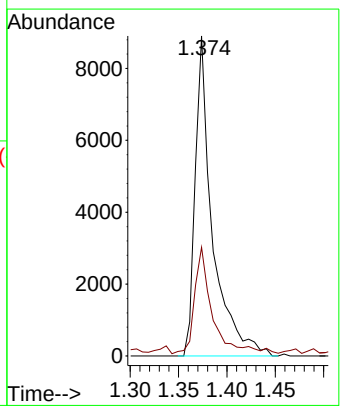


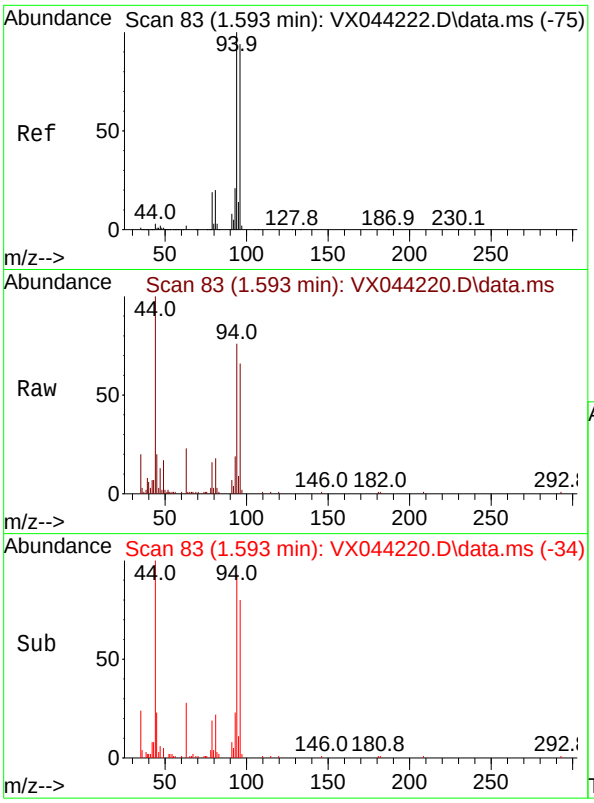


#4
Vinyl Chloride
Concen: 5.129 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 62 Resp: 11031

Ion	Ratio	Lower	Upper
62	100		
64	33.1	25.7	38.5



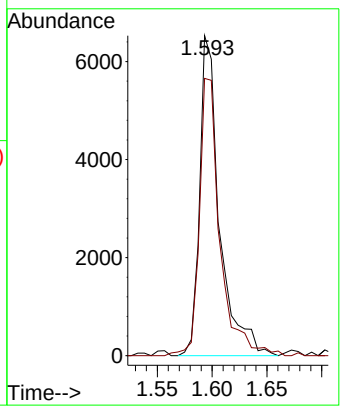


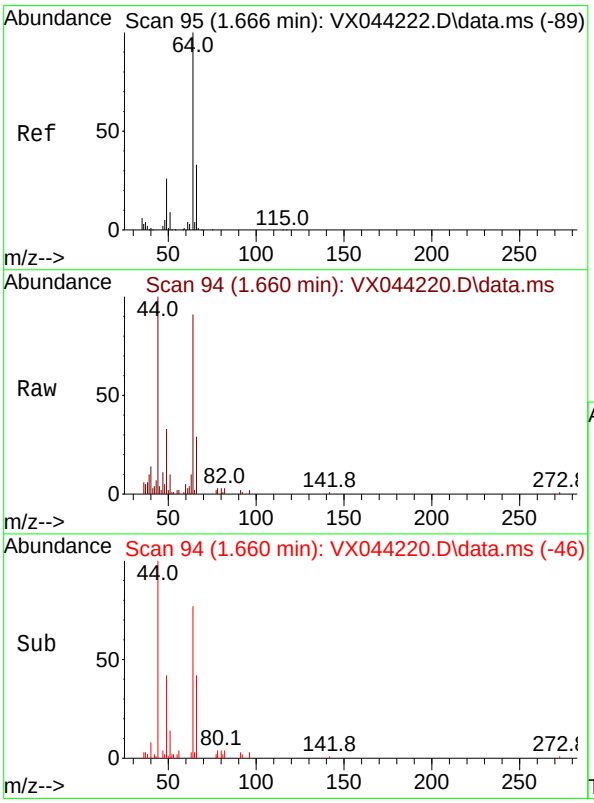
#5
Bromomethane
Concen: 5.399 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 8237

Ion	Ratio	Lower	Upper
94	100		
96	85.5	74.9	112.3

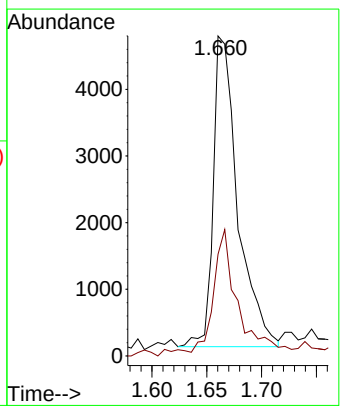


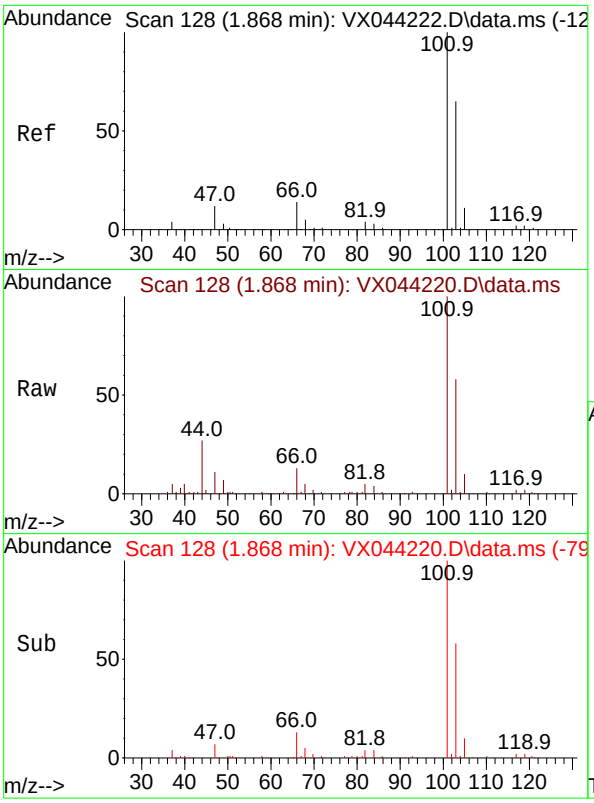


#6
Chloroethane
Concen: 5.416 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 64 Resp: 7253

Ion	Ratio	Lower	Upper
64	100		
66	30.7	26.6	39.8



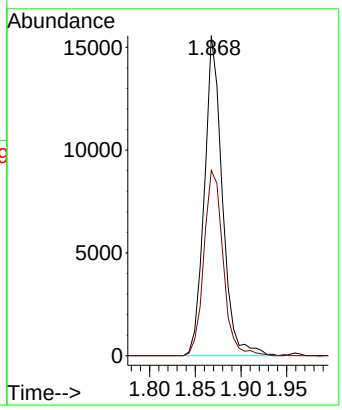


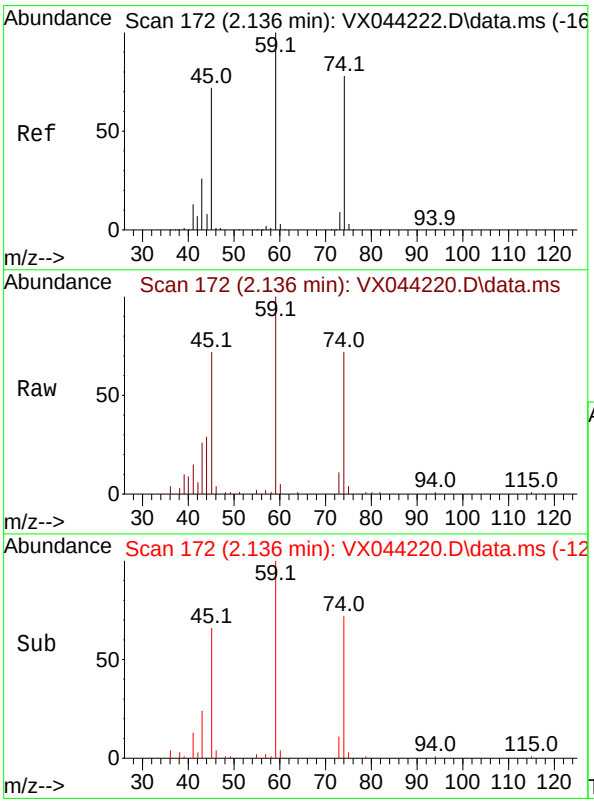
#7
Trichlorofluoromethane
Concen: 5.037 ug/l
RT: 1.868 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 21207

Ion	Ratio	Lower	Upper
101	100		
103	57.9	51.8	77.8

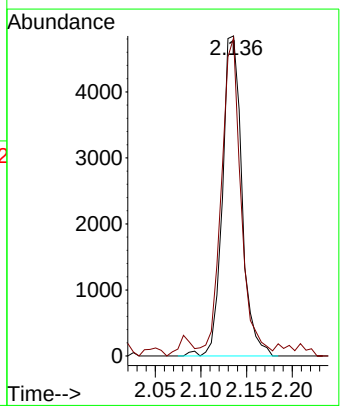


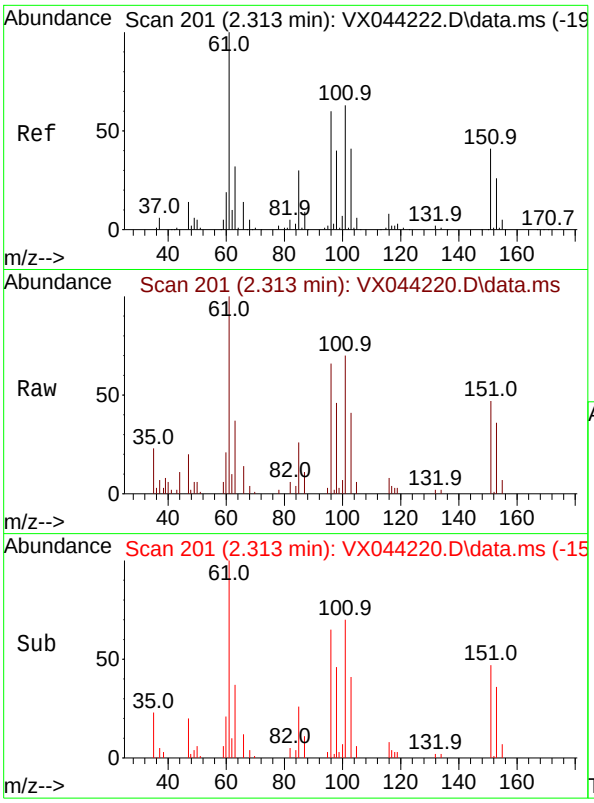


#8
Diethyl Ether
Concen: 5.009 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 74 Resp: 7199

Ion	Ratio	Lower	Upper
74	100		
45	97.0	48.4	145.0



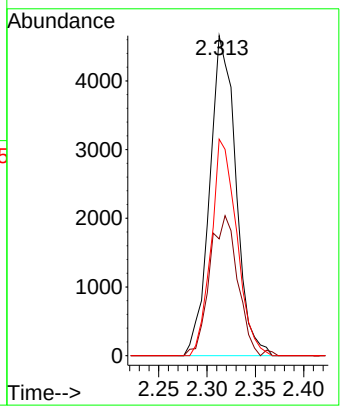


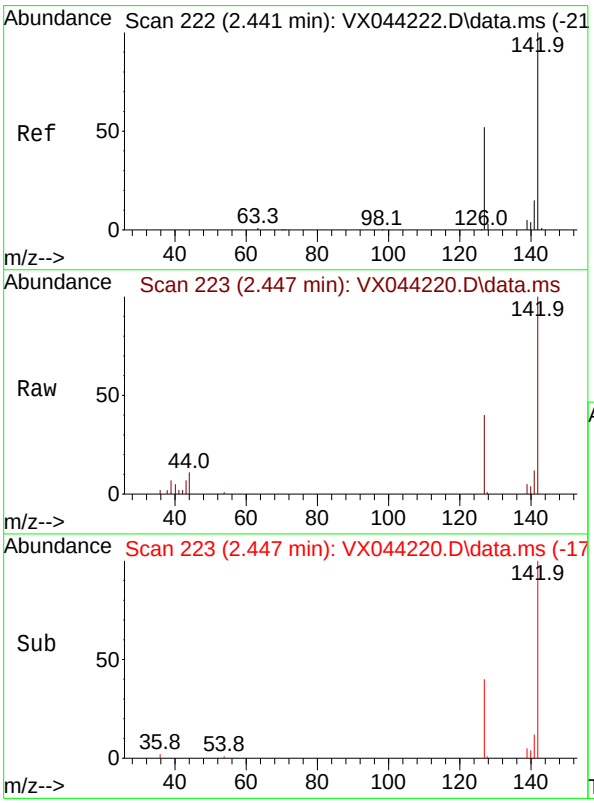
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.145 ug/l
RT: 2.313 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 8766

Ion	Ratio	Lower	Upper
101	100		
85	46.7	38.5	57.7
151	66.2	55.8	83.6

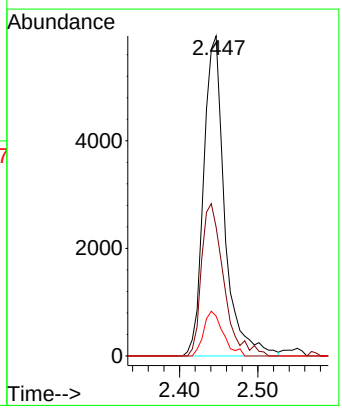


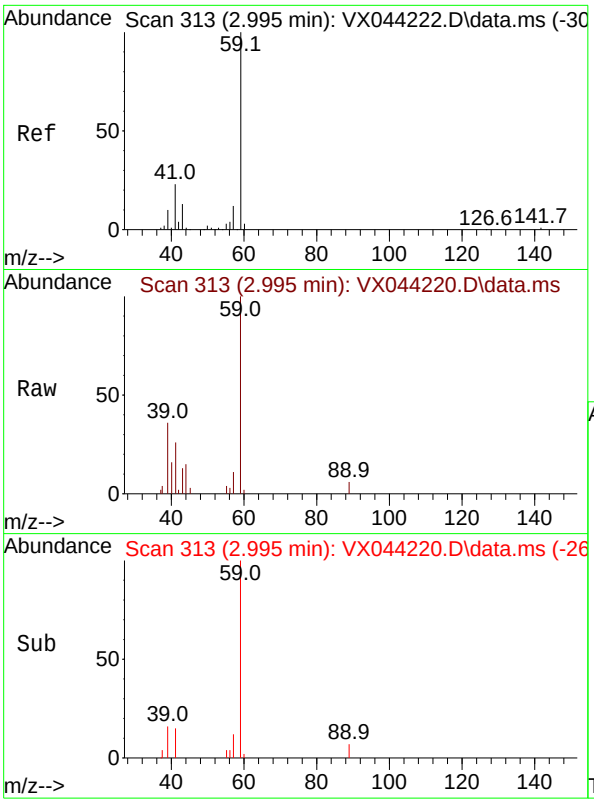


#10
Methyl Iodide
Concen: 4.928 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:142 Resp: 11066

Ion	Ratio	Lower	Upper
142	100		
127	50.4	41.8	62.8
141	12.9	11.5	17.3



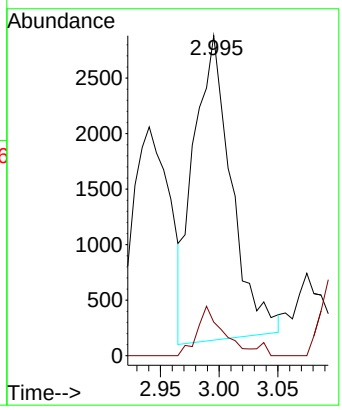


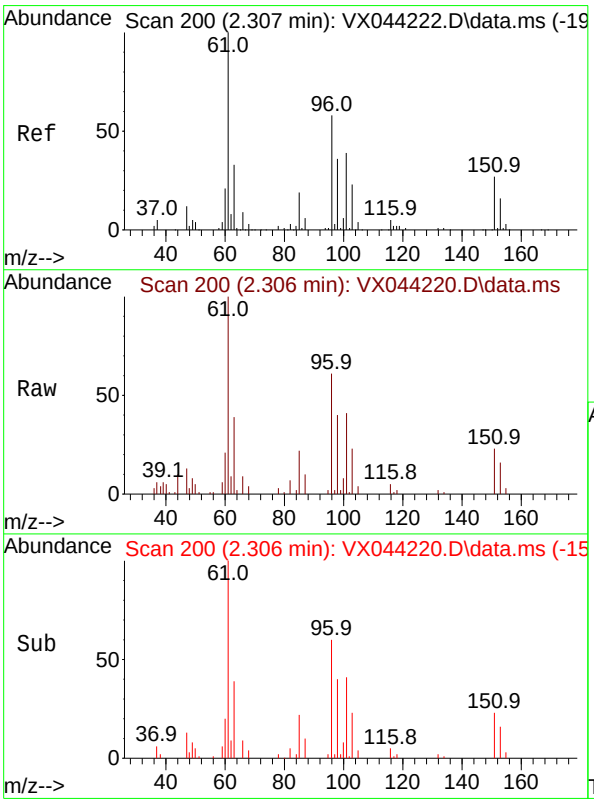
#11
Tert butyl alcohol
Concen: 17.693 ug/l
RT: 2.995 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 6094

Ion	Ratio	Lower	Upper
59	100		
57	11.2	8.8	13.2

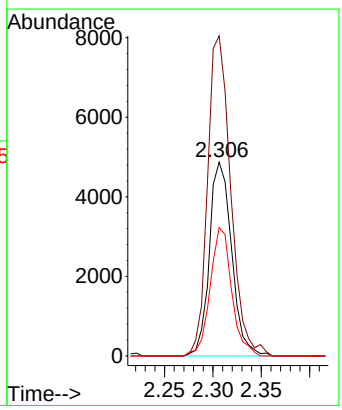


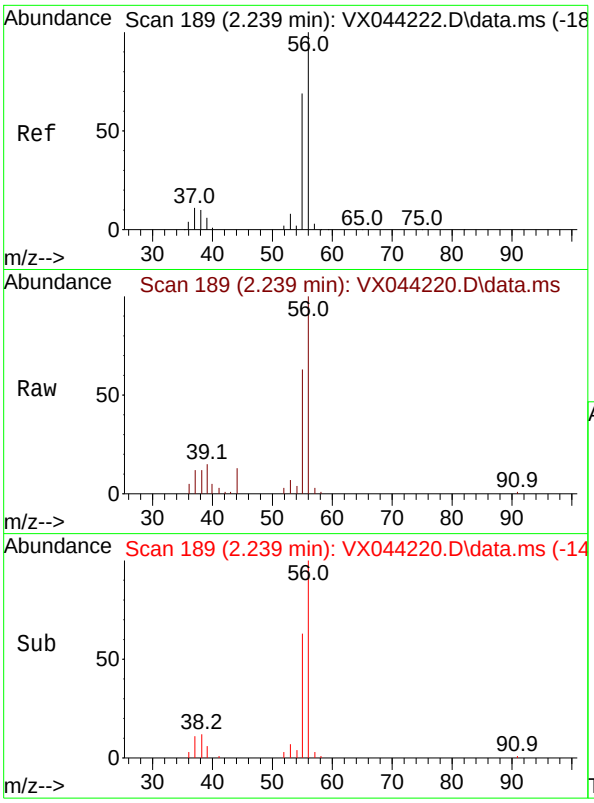


#12
1,1-Dichloroethene
Concen: 4.999 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 96 Resp: 7822

Ion	Ratio	Lower	Upper
96	100		
61	165.2	138.0	207.0
98	66.2	50.0	75.0



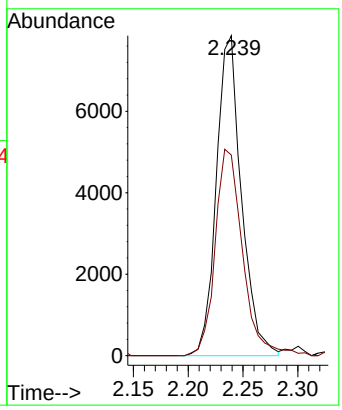


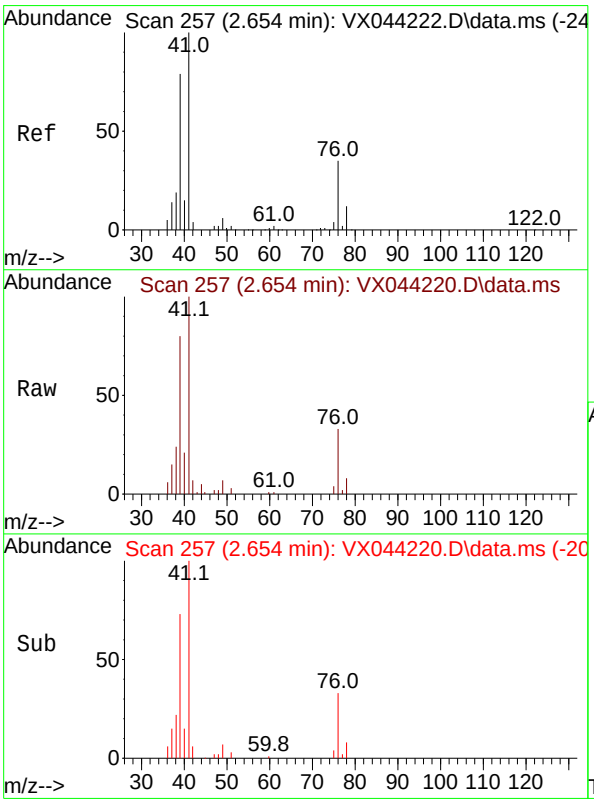
#13
Acrolein
Concen: 25.073 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 12521

Ion	Ratio	Lower	Upper
56	100		
55	70.6	56.6	84.8

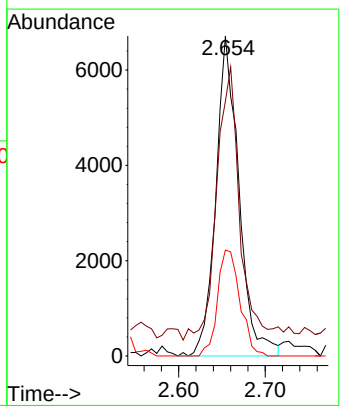


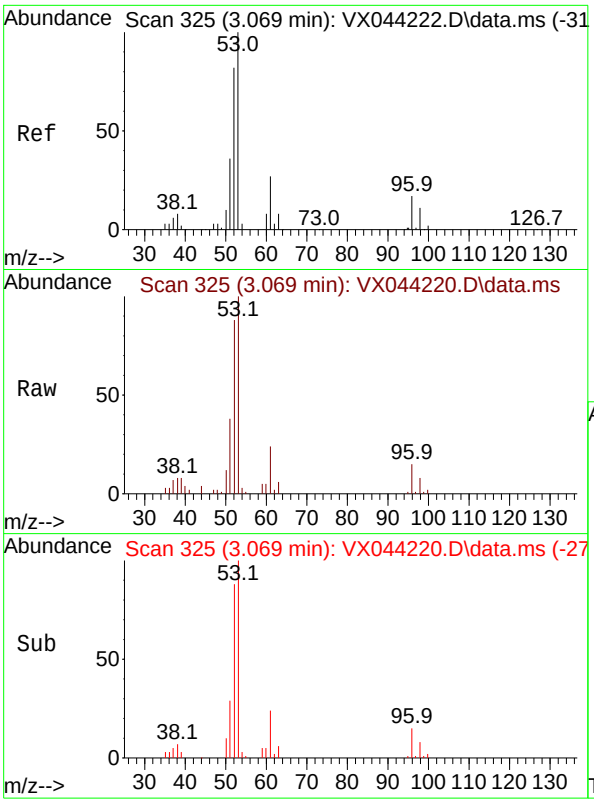


#14
Allyl chloride
Concen: 4.792 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 41 Resp: 12490

Ion	Ratio	Lower	Upper
41	100		
39	84.0	61.9	92.9
76	32.1	27.4	41.2



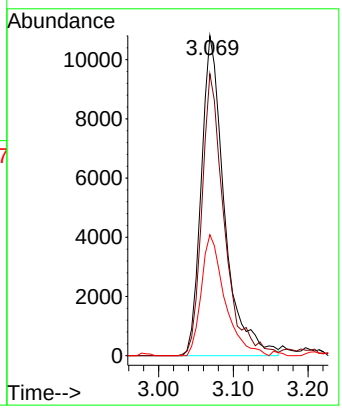


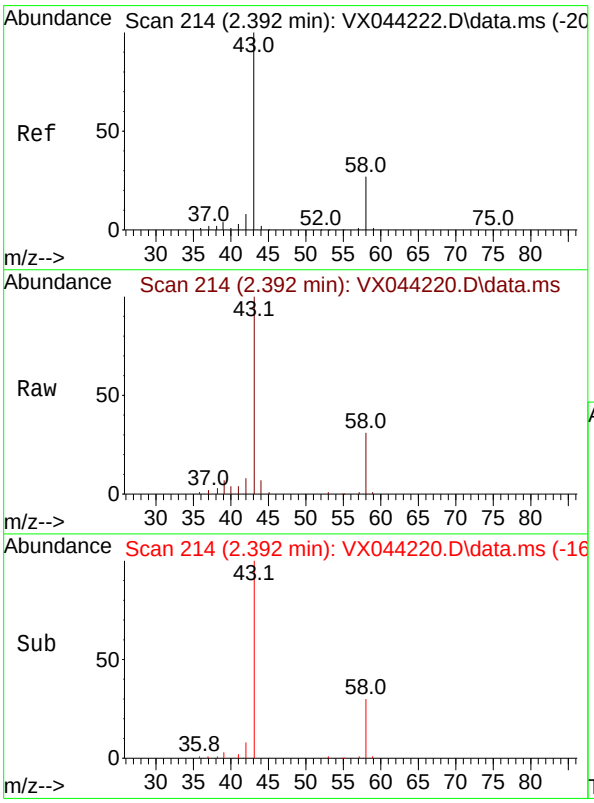
#15
Acrylonitrile
Concen: 24.357 ug/l
RT: 3.069 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 53 Resp: 23276

Ion	Ratio	Lower	Upper
53	100		
52	85.0	67.4	101.0
51	38.2	30.3	45.5

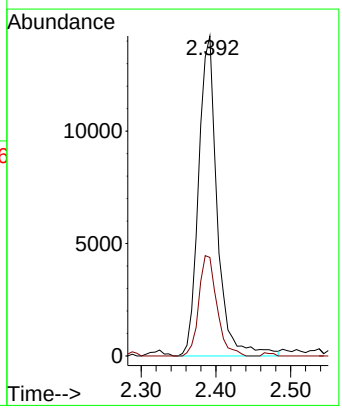


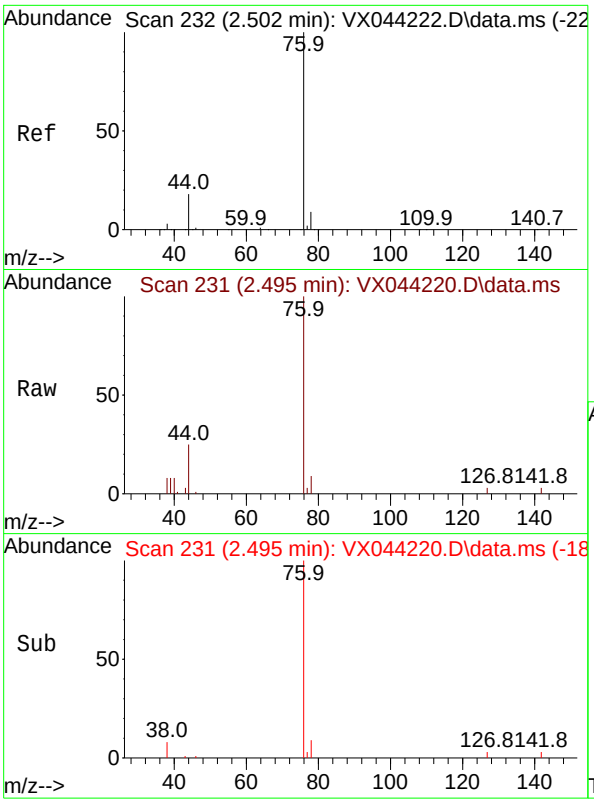


#16
Acetone
Concen: 24.696 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 43 Resp: 24645

Ion	Ratio	Lower	Upper
43	100		
58	30.8	21.6	32.4



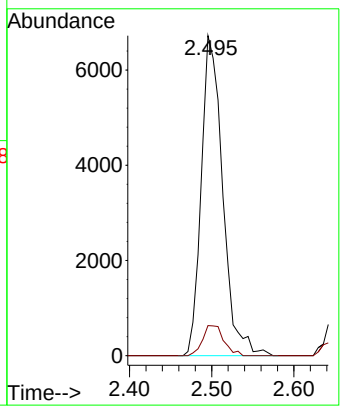


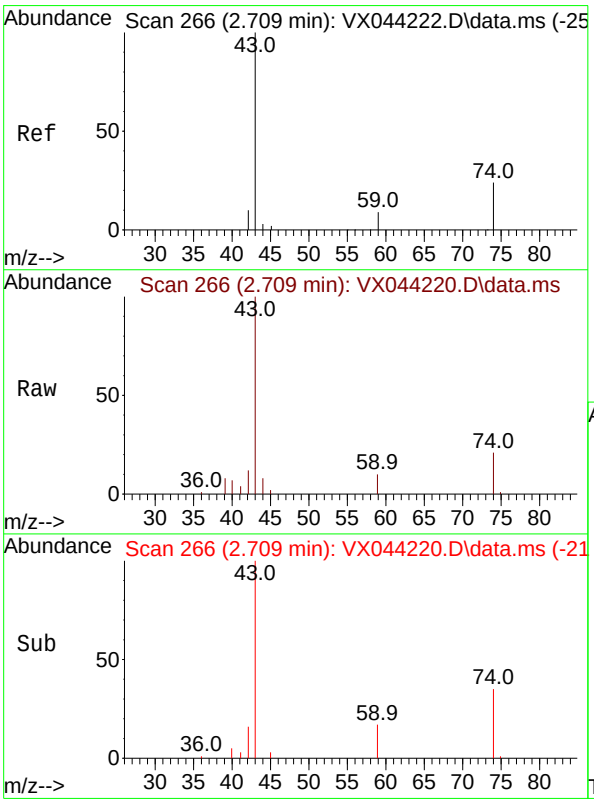
#17
Carbon Disulfide
Concen: 4.091 ug/l
RT: 2.495 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 12169

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.0

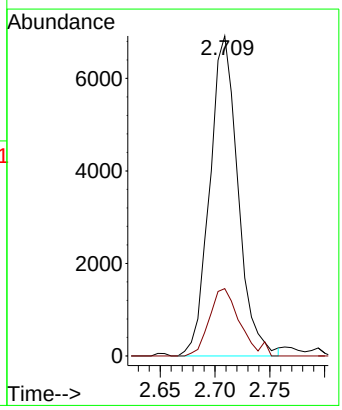


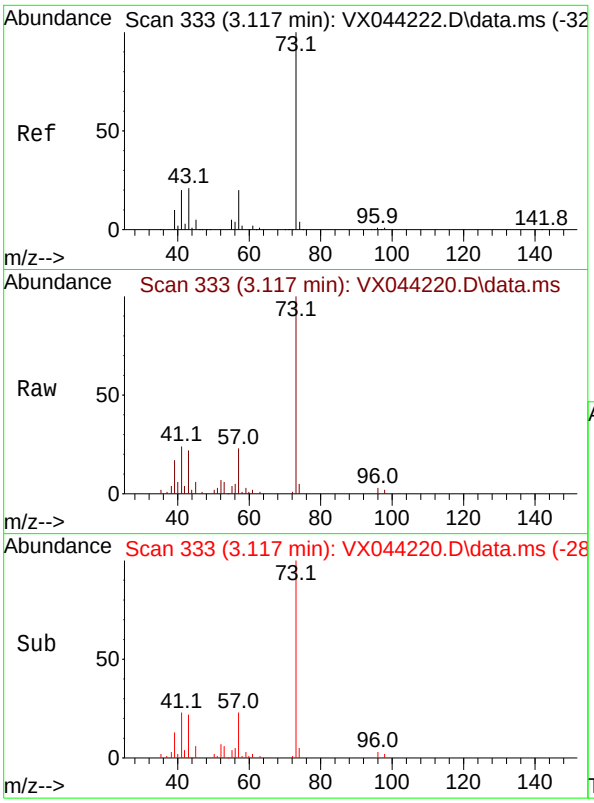


#18
Methyl Acetate
Concen: 4.824 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 43 Resp: 12412

Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.7	26.5



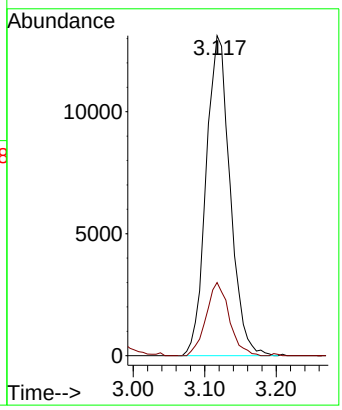


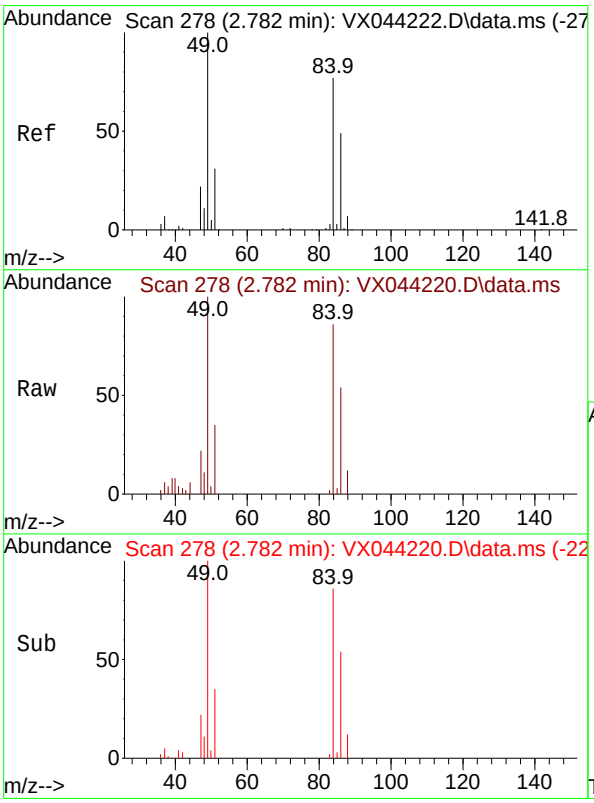
#19
Methyl tert-butyl Ether
Concen: 5.002 ug/l
RT: 3.117 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 30546

Ion	Ratio	Lower	Upper
73	100		
57	22.9	16.2	24.4

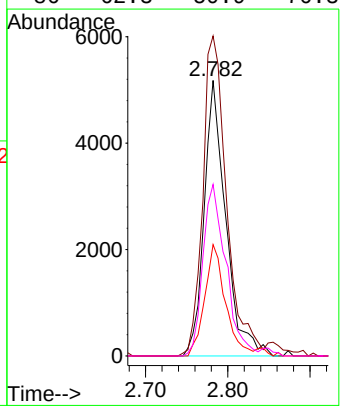


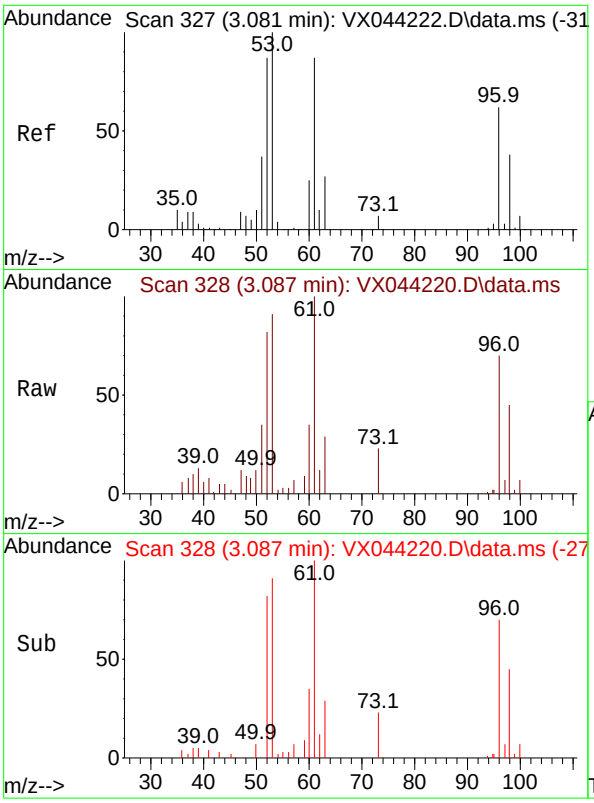


#20
Methylene Chloride
Concen: 5.050 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 84 Resp: 9466

Ion	Ratio	Lower	Upper
84	100		
49	116.2	104.2	156.4
51	40.4	32.2	48.4
86	62.3	50.9	76.3



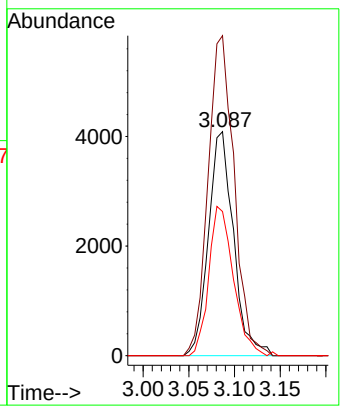


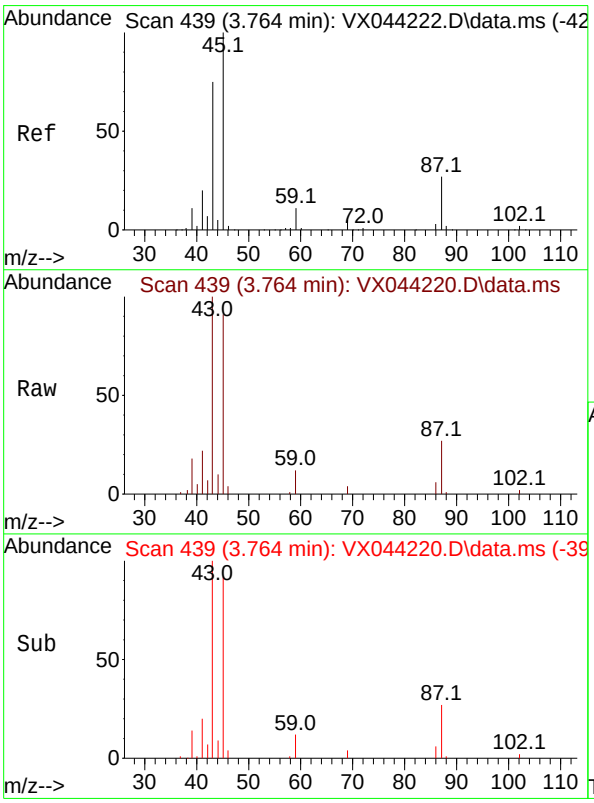
#21
trans-1,2-Dichloroethene
Concen: 4.671 ug/l
RT: 3.087 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 7768

Ion	Ratio	Lower	Upper
96	100		
61	142.9	112.0	168.0
98	64.4	48.8	73.2

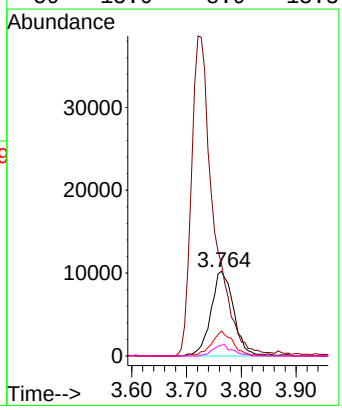


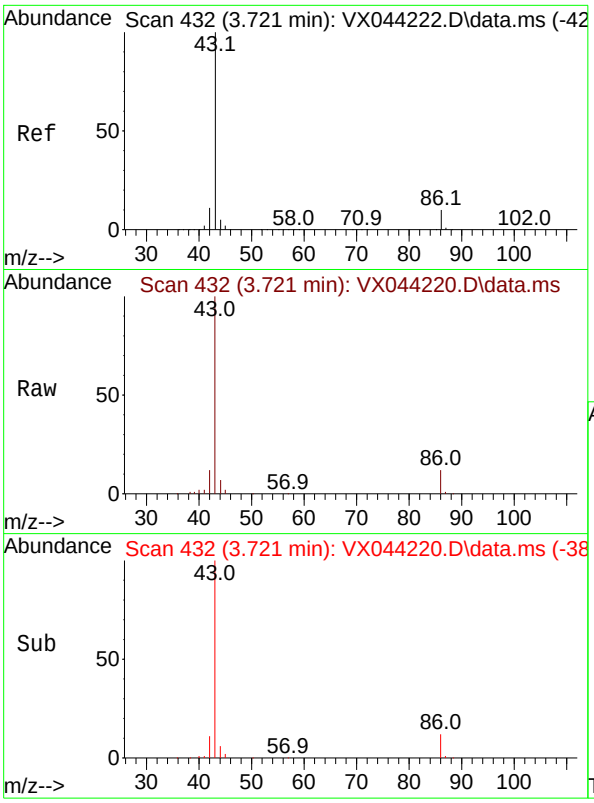


#22
Diisopropyl ether
Concen: 5.029 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 45 Resp: 29518

Ion	Ratio	Lower	Upper
45	100		
43	107.7	60.2	90.2#
87	29.5	21.2	31.8
59	13.0	8.9	13.3



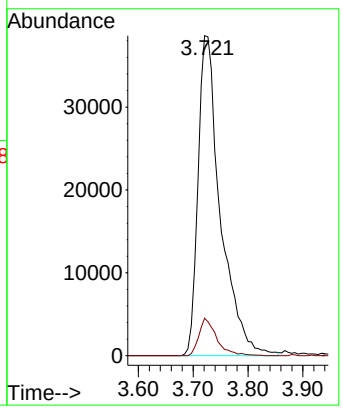


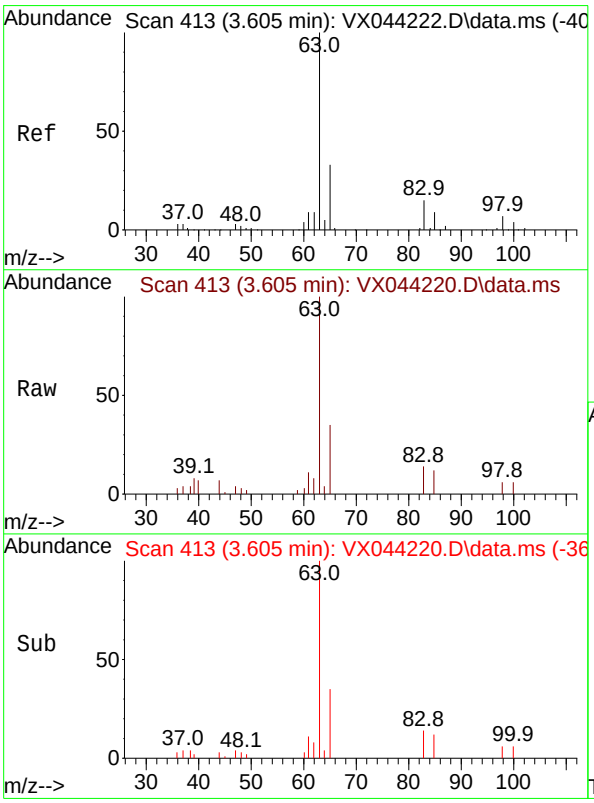
#23
Vinyl Acetate
Concen: 22.983 ug/l
RT: 3.721 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 109670

Ion	Ratio	Lower	Upper
43	100		
86	11.7	8.2	12.2

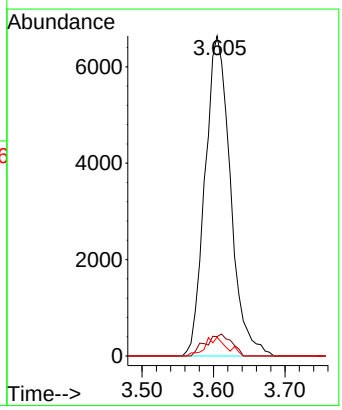


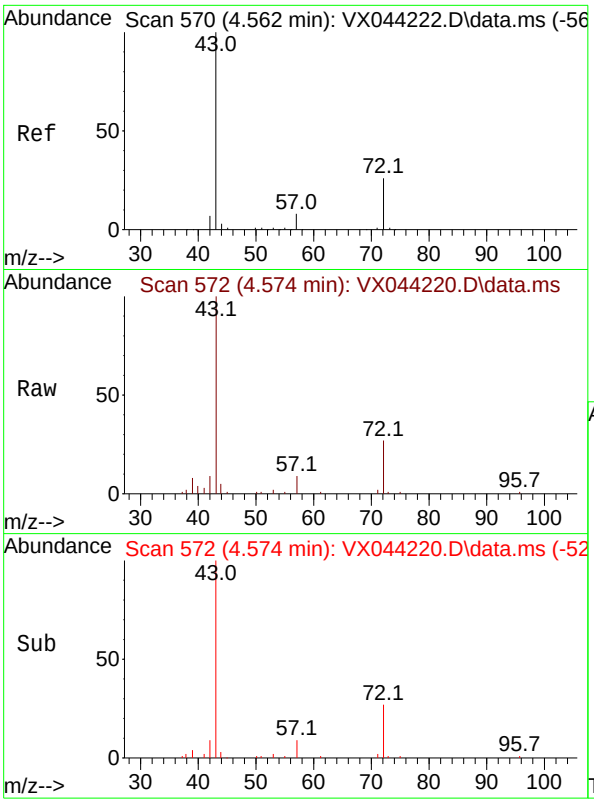


#24
1,1-Dichloroethane
Concen: 5.004 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 63 Resp: 16370

Ion	Ratio	Lower	Upper
63	100		
98	6.0	3.6	10.8
100	5.9	2.1	6.3



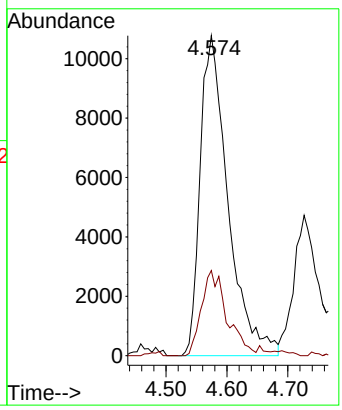


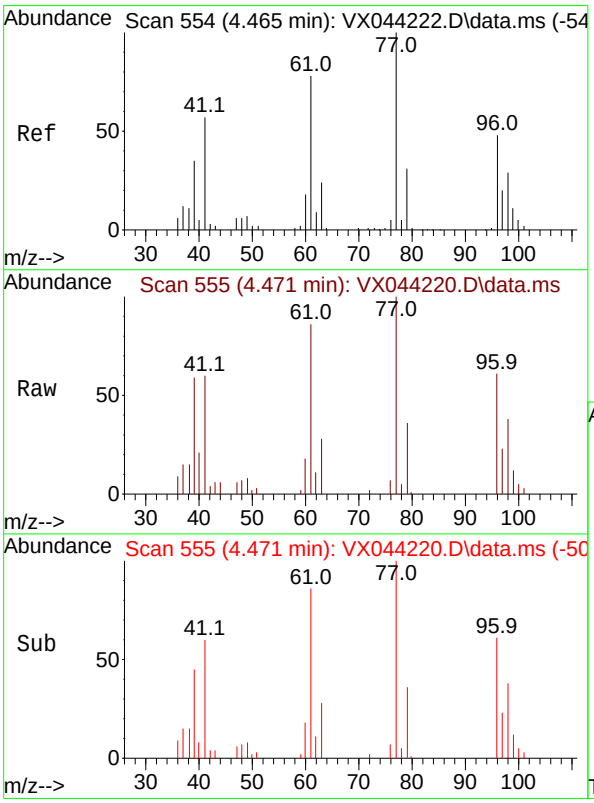
#25
2-Butanone
Concen: 24.138 ug/l
RT: 4.574 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 34245

Ion	Ratio	Lower	Upper
43	100		
72	26.6	20.2	30.4

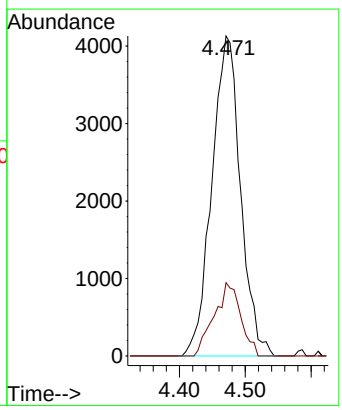


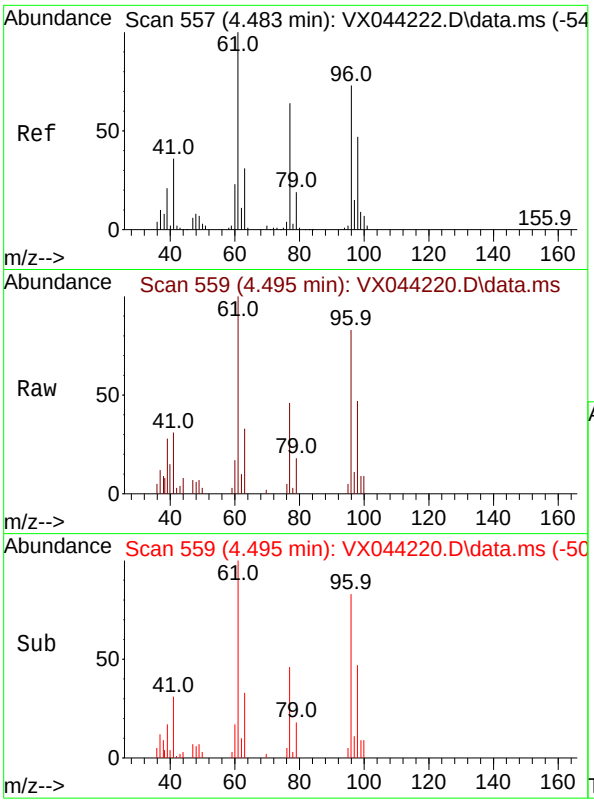


#26
2,2-Dichloropropane
Concen: 4.708 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 77 Resp: 12514

Ion	Ratio	Lower	Upper
77	100		
97	21.2	10.7	32.1



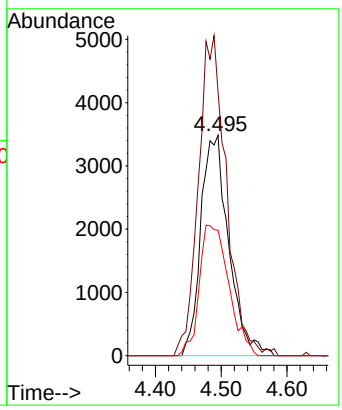


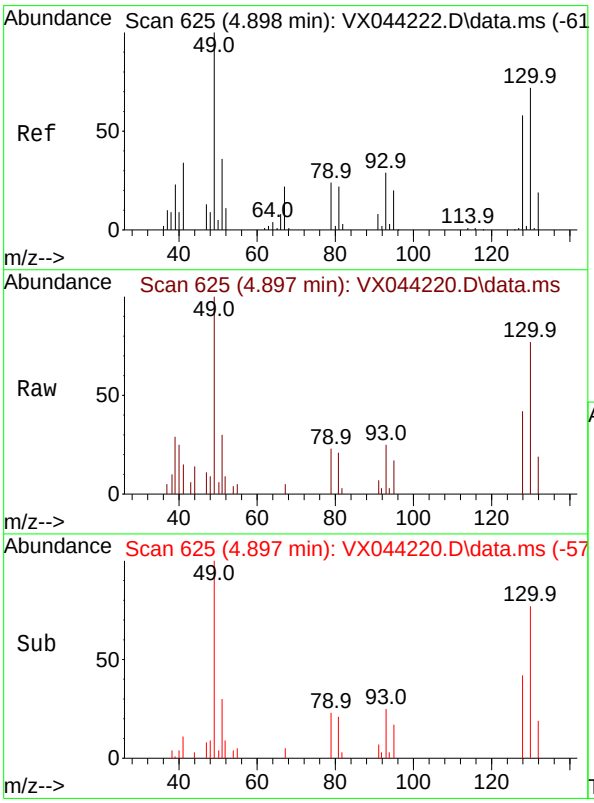
#27
cis-1,2-Dichloroethene
Concen: 4.873 ug/l
RT: 4.495 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 10292

Ion	Ratio	Lower	Upper
96	100		
61	145.0	0.0	299.0
98	62.4	0.0	129.0

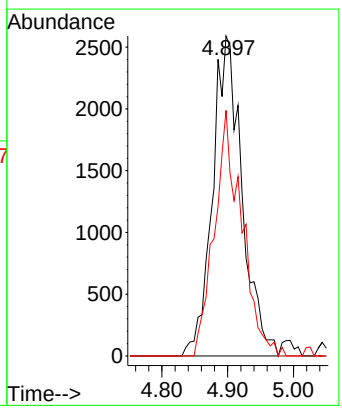


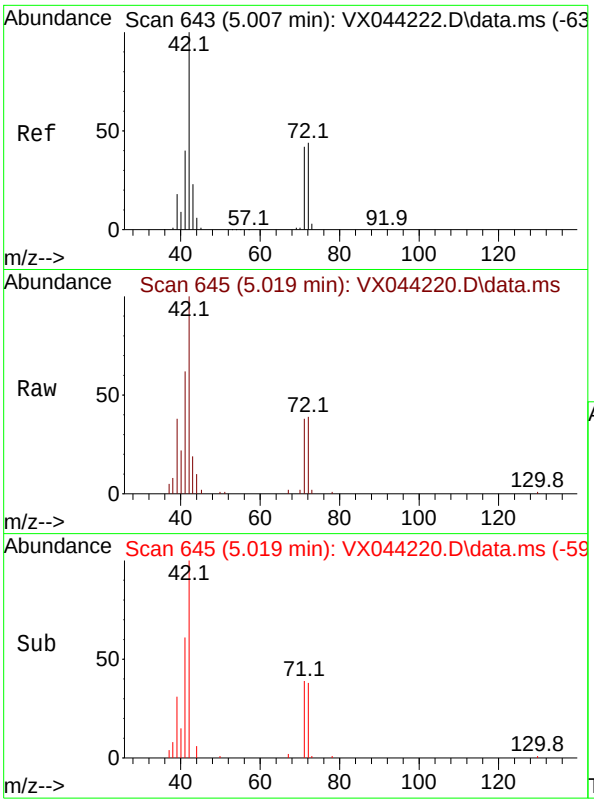


#28
Bromochloromethane
Concen: 5.017 ug/l
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 49 Resp: 8049

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	71.2	62.1	93.1



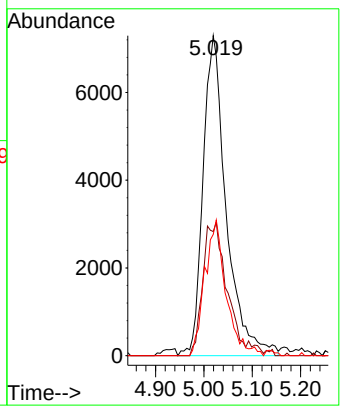


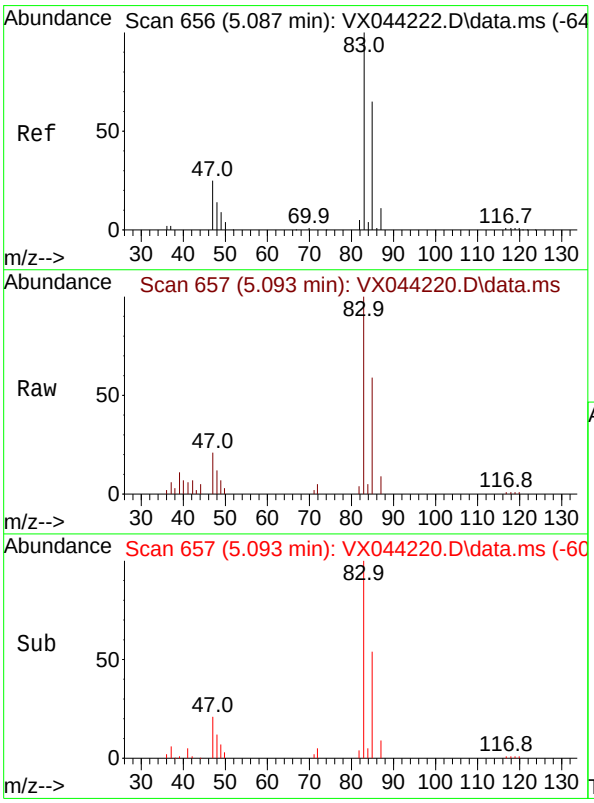
#29
Tetrahydrofuran
Concen: 26.693 ug/l
RT: 5.019 min Scan# 6
Delta R.T. 0.012 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 42 Resp: 24307

Ion	Ratio	Lower	Upper
42	100		
72	42.3	37.0	55.6
71	38.9	33.6	50.4

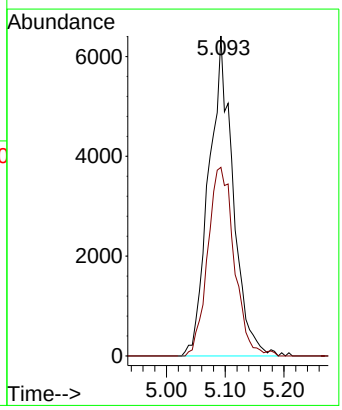


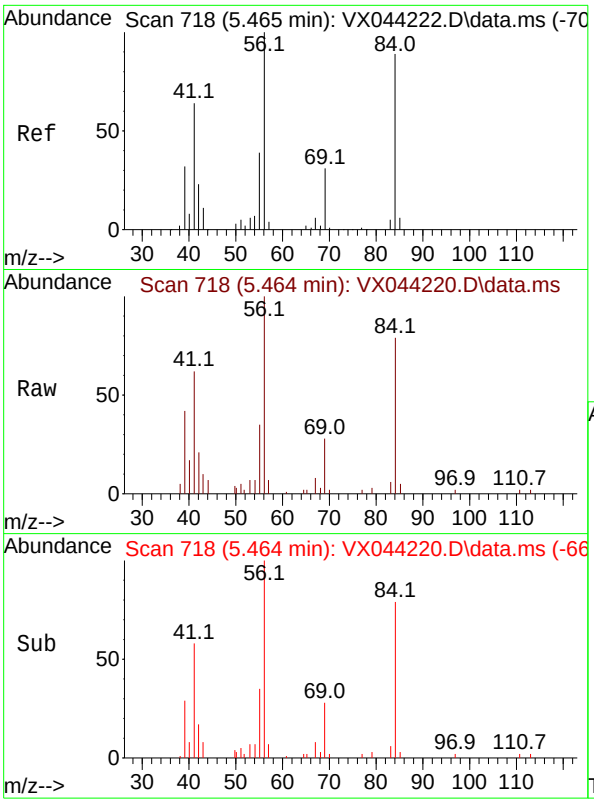


#30
Chloroform
Concen: 4.984 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 83 Resp: 18319

Ion	Ratio	Lower	Upper
83	100		
85	58.9	51.6	77.4



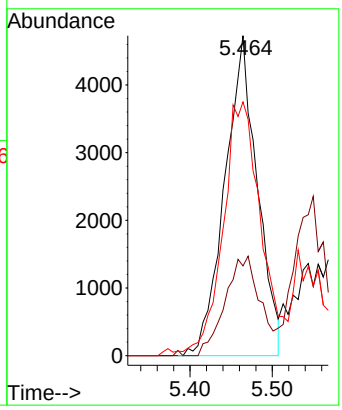


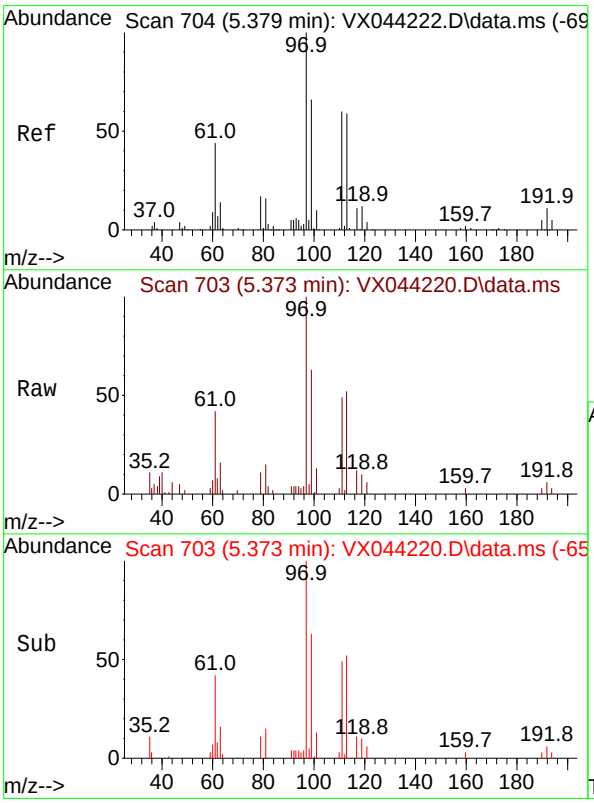
#31
Cyclohexane
Concen: 4.919 ug/l
RT: 5.464 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 12995

Ion	Ratio	Lower	Upper
56	100		
69	26.4	24.7	37.1
84	77.9	71.0	106.6

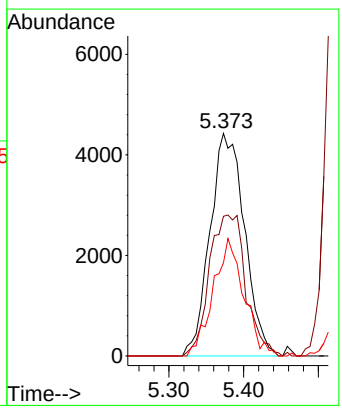


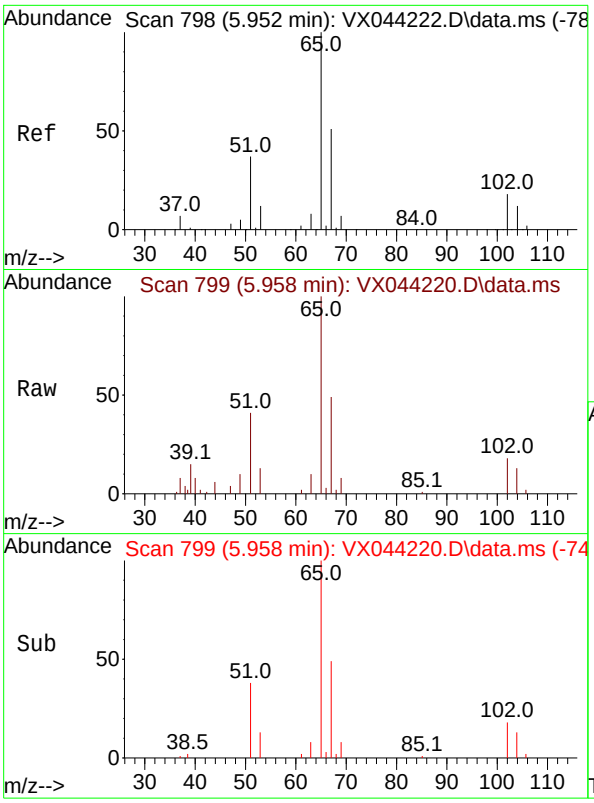


#32
1,1,1-Trichloroethane
Concen: 4.664 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 97 Resp: 14231

Ion	Ratio	Lower	Upper
97	100		
99	66.8	50.8	76.2
61	46.9	35.2	52.8



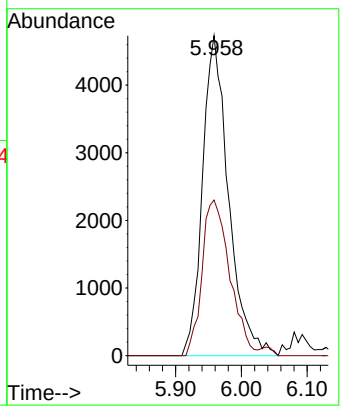


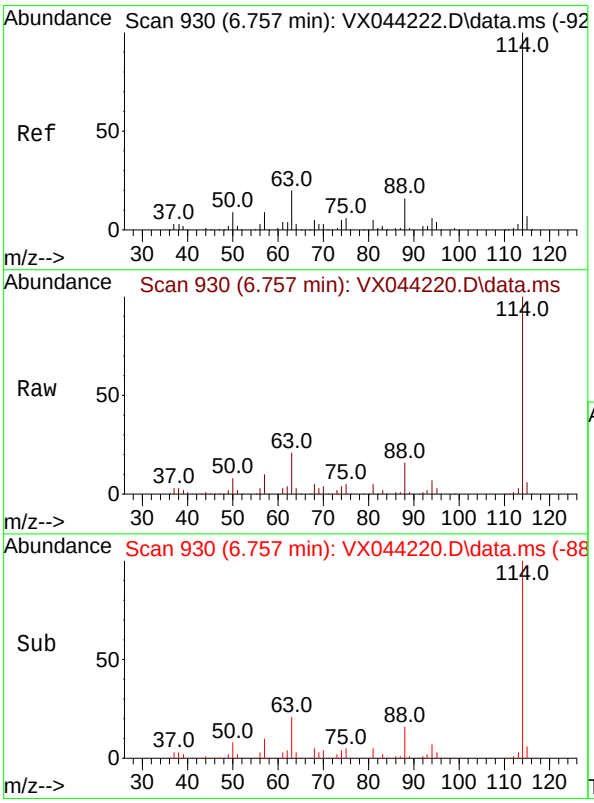
#33
1,2-Dichloroethane-d4
Concen: 5.328 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 65 Resp: 13043

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	101.6

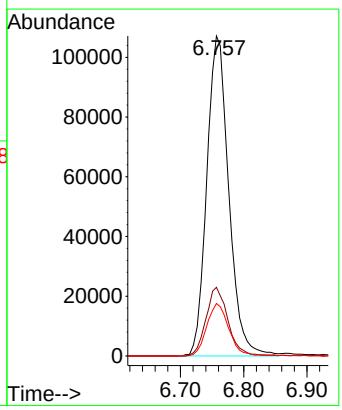


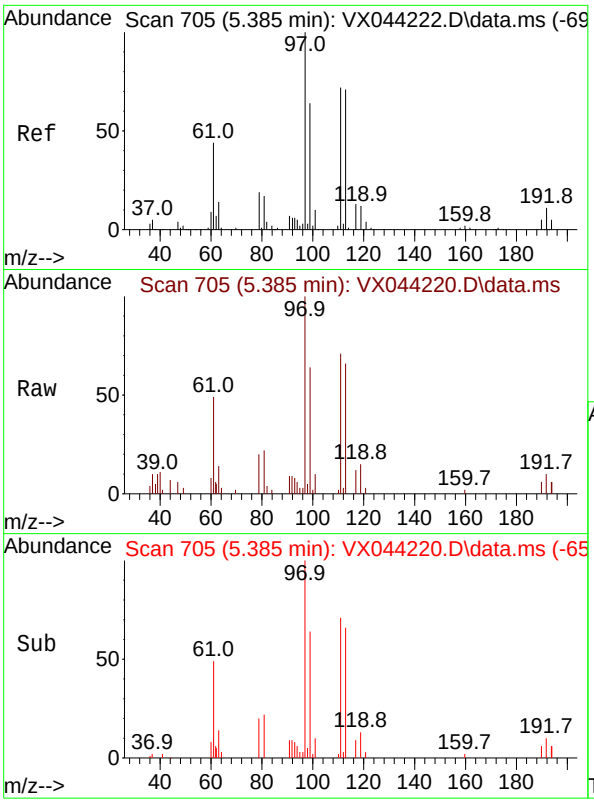


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:114 Resp: 258881

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	40.6
88	16.4	0.0	31.8



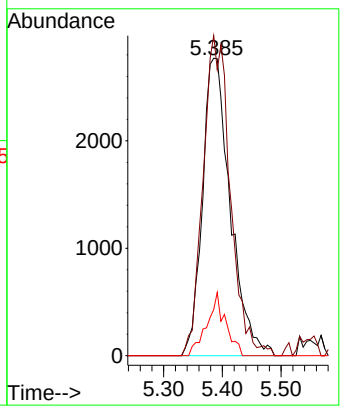


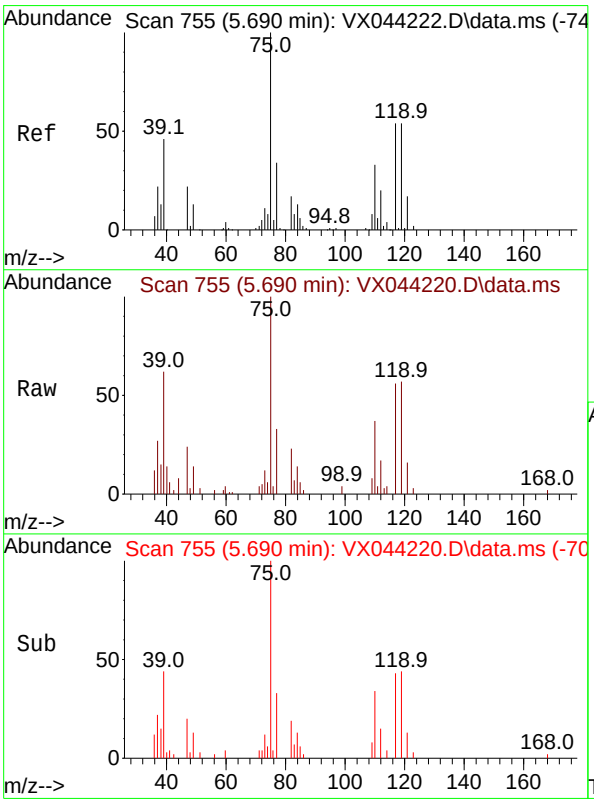
#35
Dibromofluoromethane
Concen: 5.100 ug/l
RT: 5.385 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:113 Resp: 9145

Ion	Ratio	Lower	Upper
113	100		
111	104.7	80.4	120.6
192	14.2	13.3	19.9

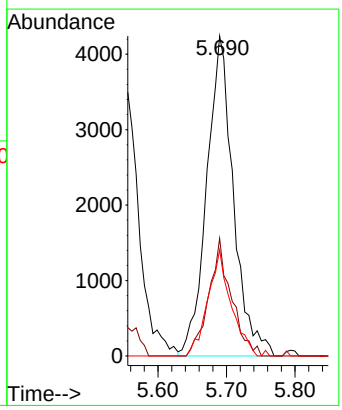


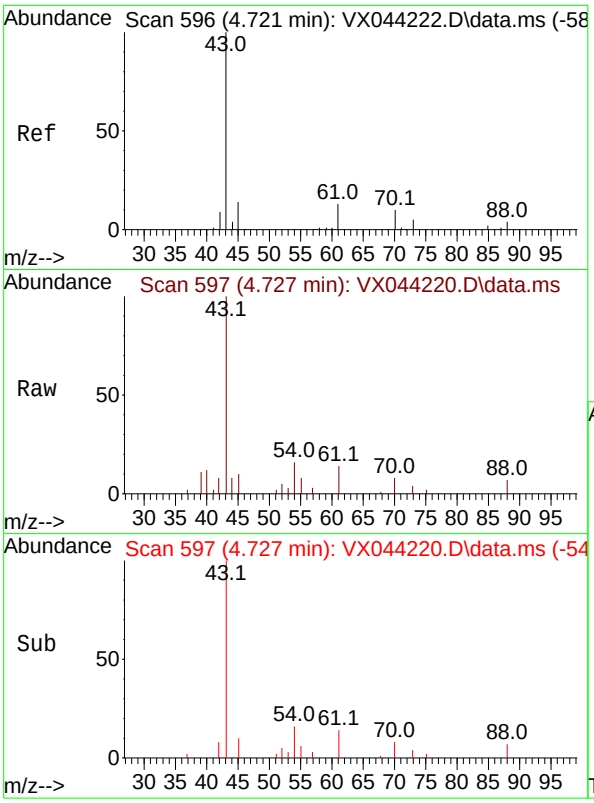


#36
1,1-Dichloropropene
Concen: 4.942 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 75 Resp: 11455

Ion	Ratio	Lower	Upper
75	100		
110	31.1	17.3	51.7
77	28.7	25.4	38.0



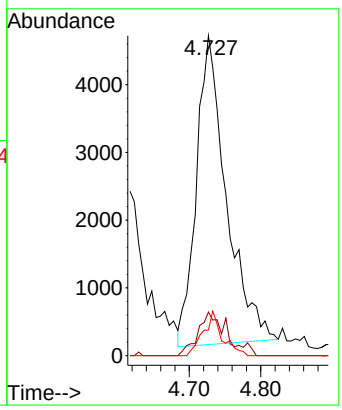


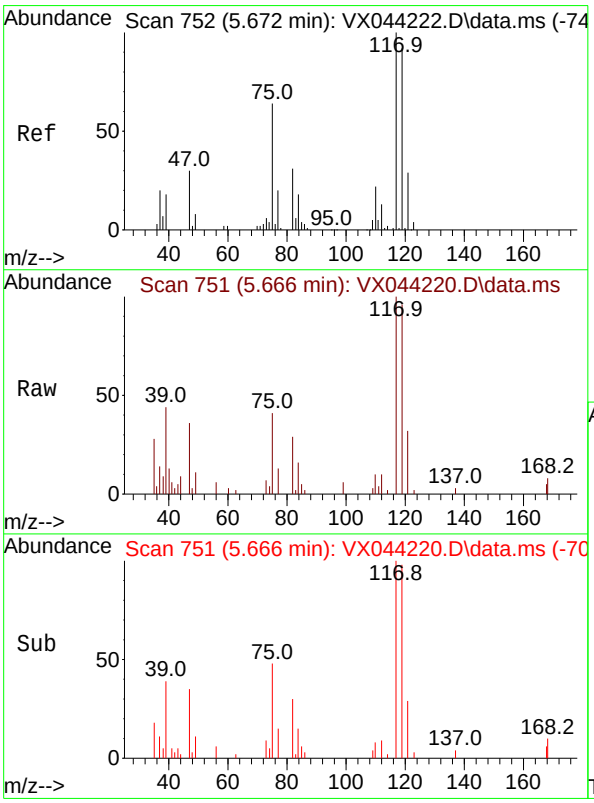
#37
Ethyl Acetate
Concen: 4.630 ug/l
RT: 4.727 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 13265

Ion	Ratio	Lower	Upper
43	100		
61	13.6	9.8	14.8
70	9.1	7.7	11.5

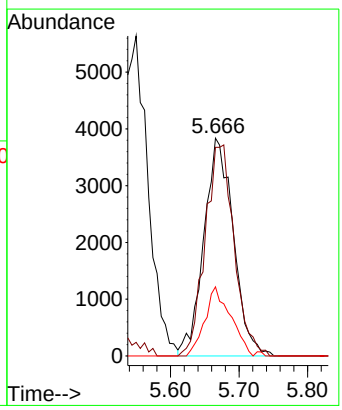


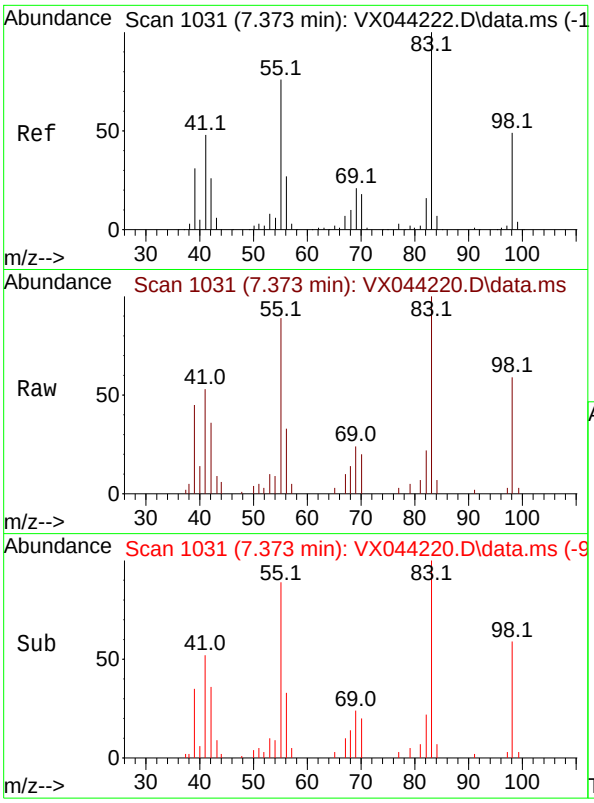


#38
Carbon Tetrachloride
Concen: 4.599 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:117 Resp: 11476

Ion	Ratio	Lower	Upper
117	100		
119	95.8	74.2	111.4
121	31.7	23.0	34.6



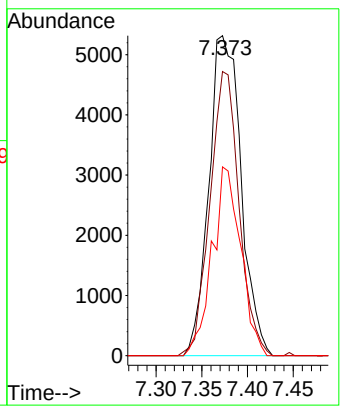


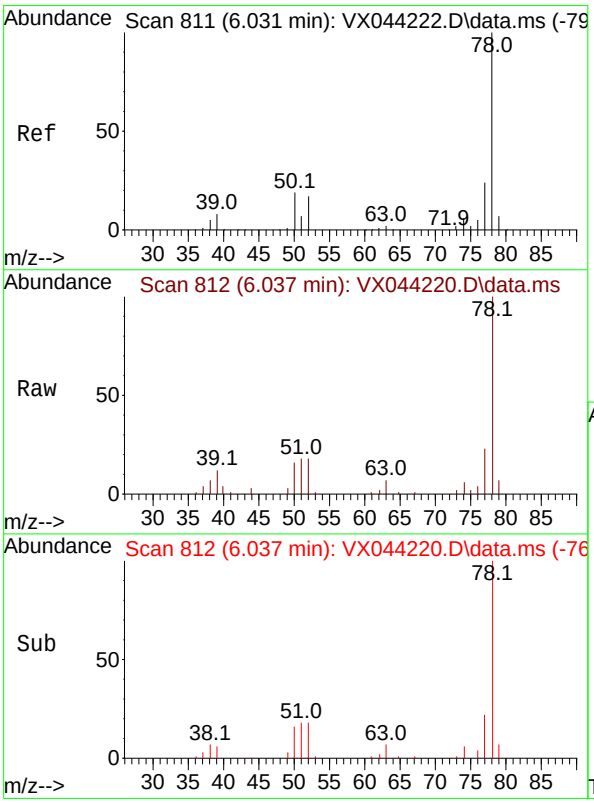
#39
Methylcyclohexane
Concen: 4.699 ug/l
RT: 7.373 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 13019

Ion	Ratio	Lower	Upper
83	100		
55	88.8	60.7	91.1
98	59.0	38.9	58.3#

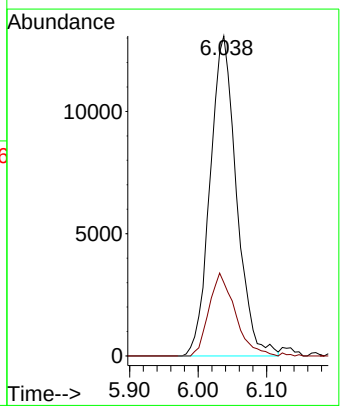


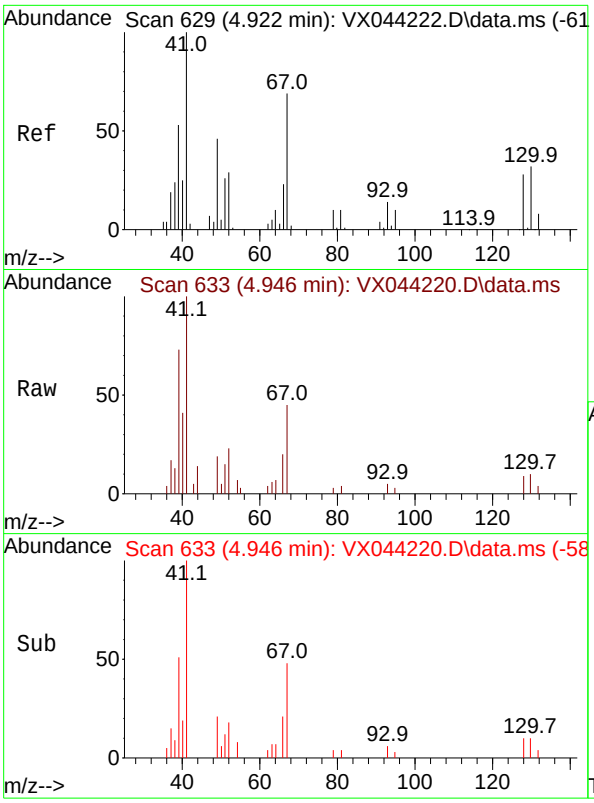


#40
Benzene
Concen: 4.976 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 78 Resp: 35018

Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.3	28.9



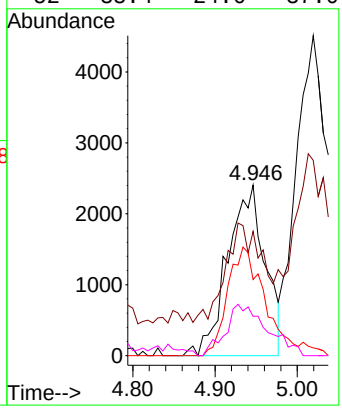


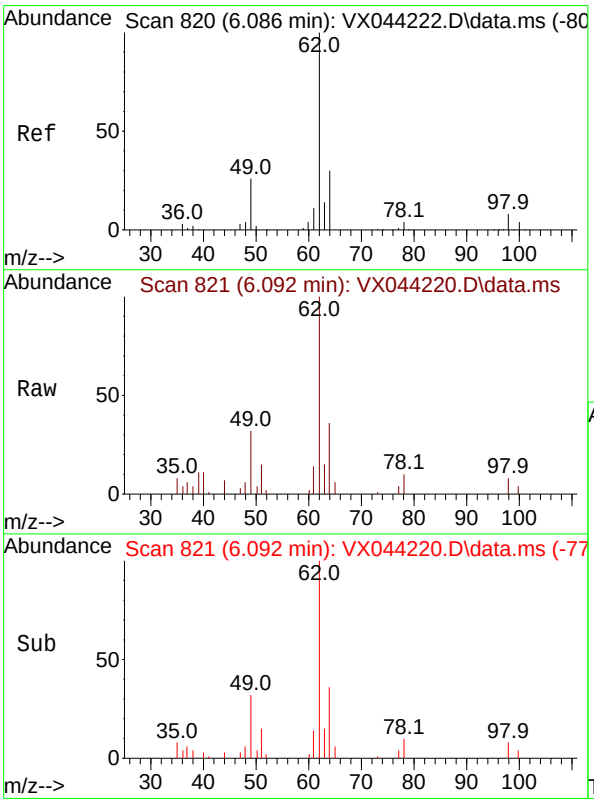
#41
Methacrylonitrile
Concen: 4.986 ug/l
RT: 4.946 min Scan# 6
Delta R.T. 0.024 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 41 Resp: 7585

Ion	Ratio	Lower	Upper
41	100		
39	58.4	44.2	66.4
67	63.0	57.2	85.8
52	33.4	24.6	37.0

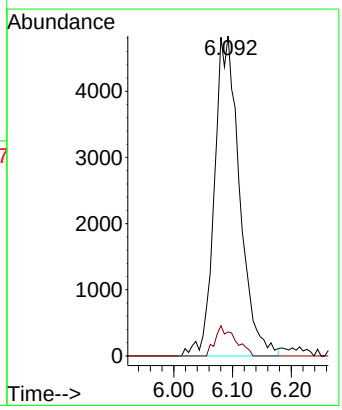


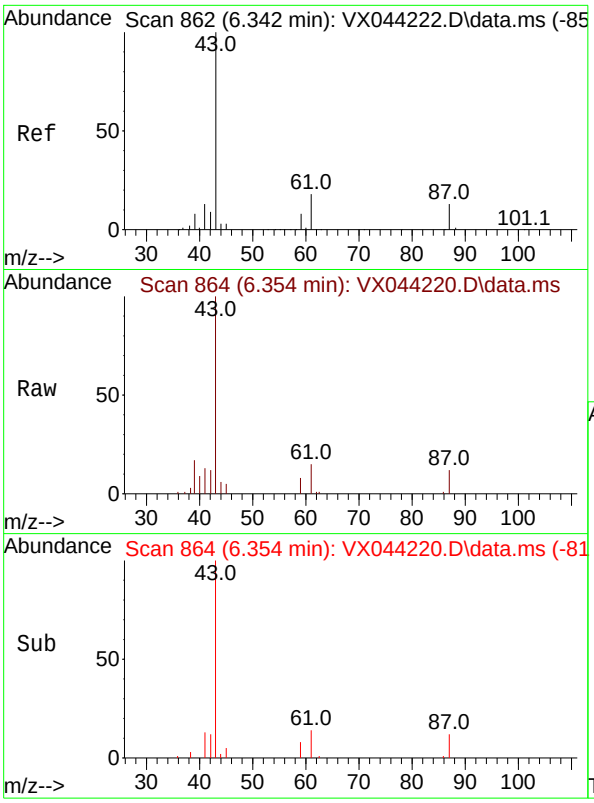


#42
1,2-Dichloroethane
Concen: 4.974 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 62 Resp: 14419

Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	15.8



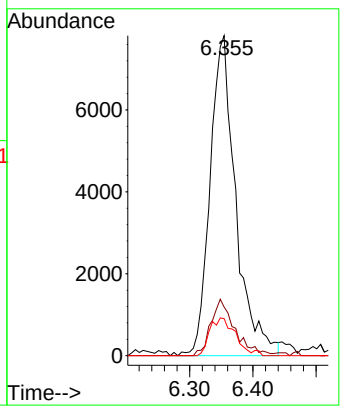


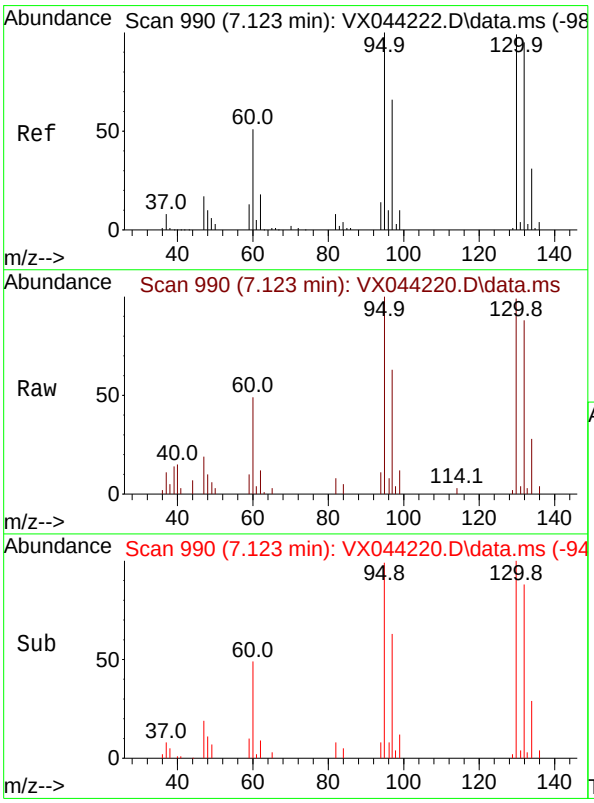
#43
Isopropyl Acetate
Concen: 4.935 ug/l
RT: 6.354 min Scan# 8
Delta R.T. 0.012 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 22098

Ion	Ratio	Lower	Upper
43	100		
61	16.5	14.2	21.2
87	11.9	10.2	15.2

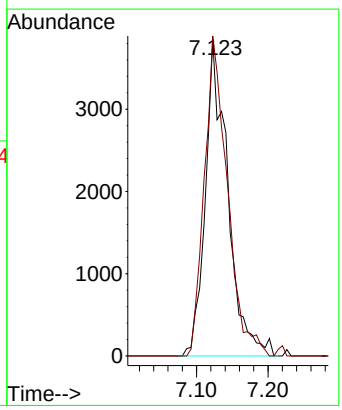


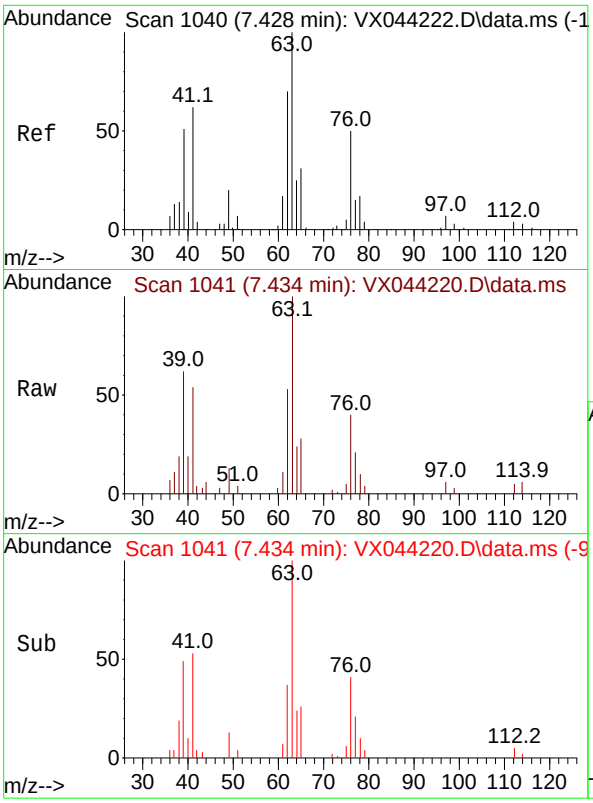


#44
Trichloroethene
Concen: 4.790 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:130 Resp: 8405

Ion	Ratio	Lower	Upper
130	100		
95	100.9	0.0	201.4



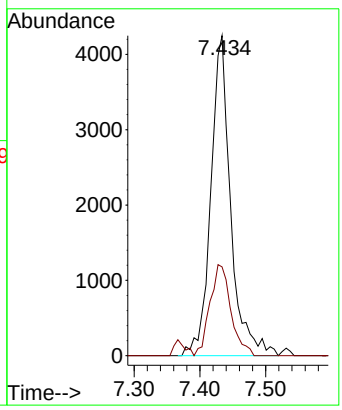


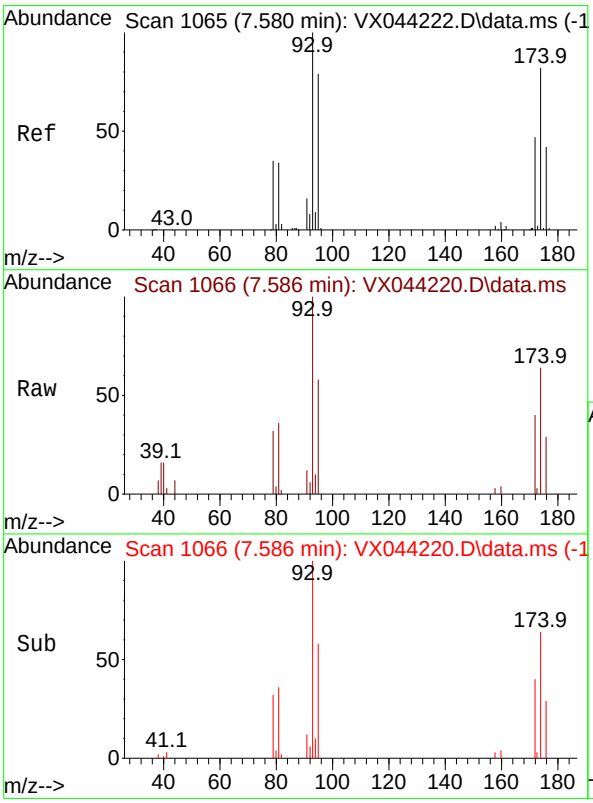
#45
1,2-Dichloropropane
Concen: 4.968 ug/l
RT: 7.434 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 8932

Ion	Ratio	Lower	Upper
63	100		
65	27.8	24.6	37.0

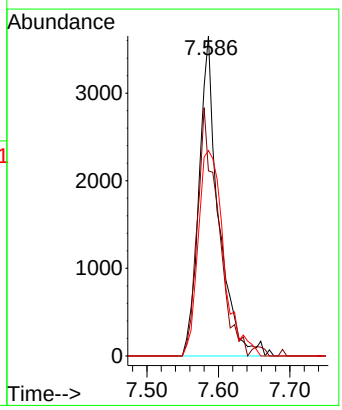


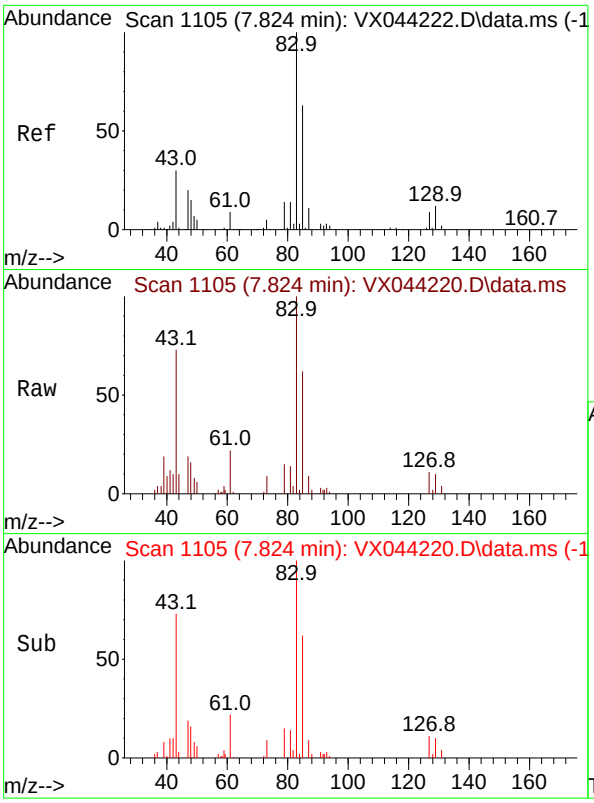


#46
Dibromomethane
Concen: 4.958 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 93 Resp: 6915

Ion	Ratio	Lower	Upper
93	100		
95	82.3	65.4	98.2
174	83.6	67.9	101.9



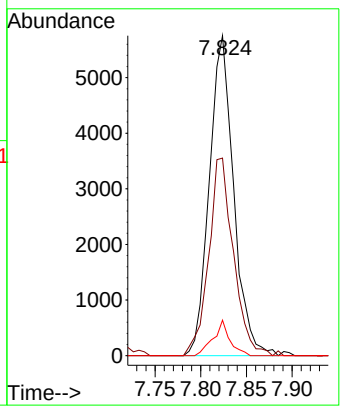


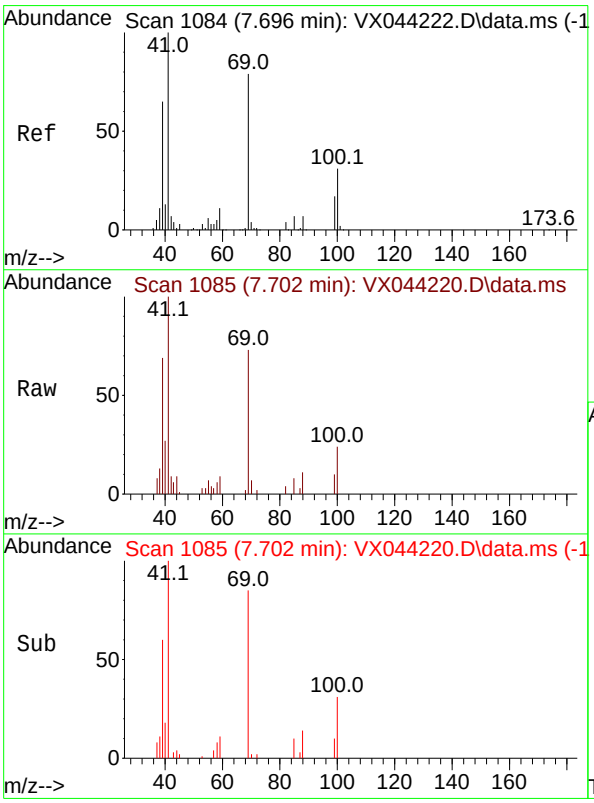
#47
Bromodichloromethane
Concen: 4.420 ug/l
RT: 7.824 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 10646

Ion	Ratio	Lower	Upper
83	100		
85	61.7	50.6	75.8
127	11.1	7.3	10.9#

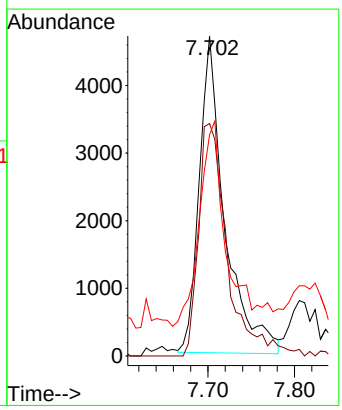


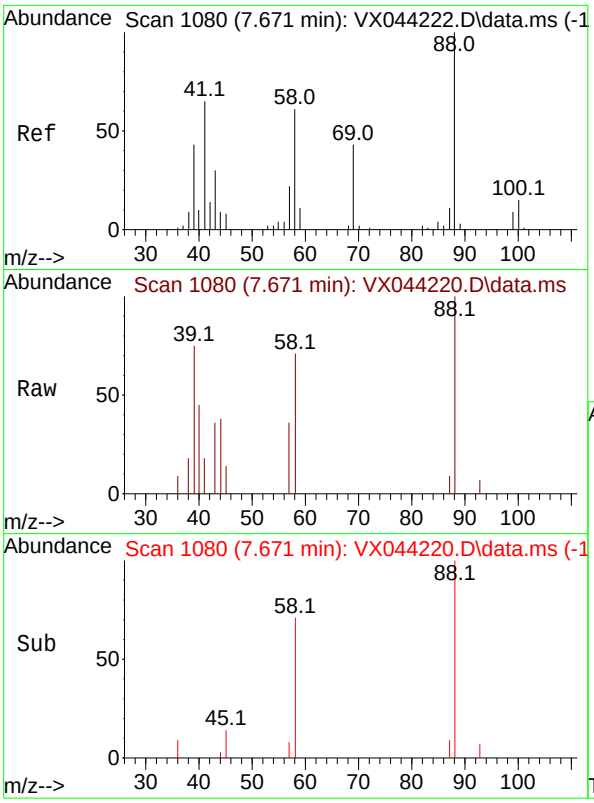


#48
Methyl methacrylate
Concen: 4.410 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 41 Resp: 9586

Ion	Ratio	Lower	Upper
41	100		
69	82.8	62.4	93.6
39	66.7	53.3	79.9



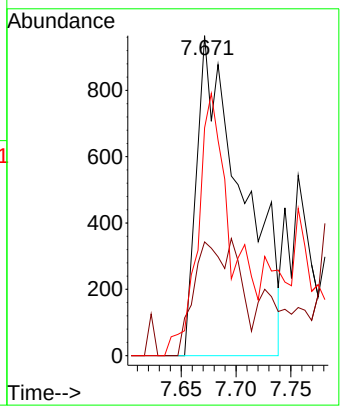


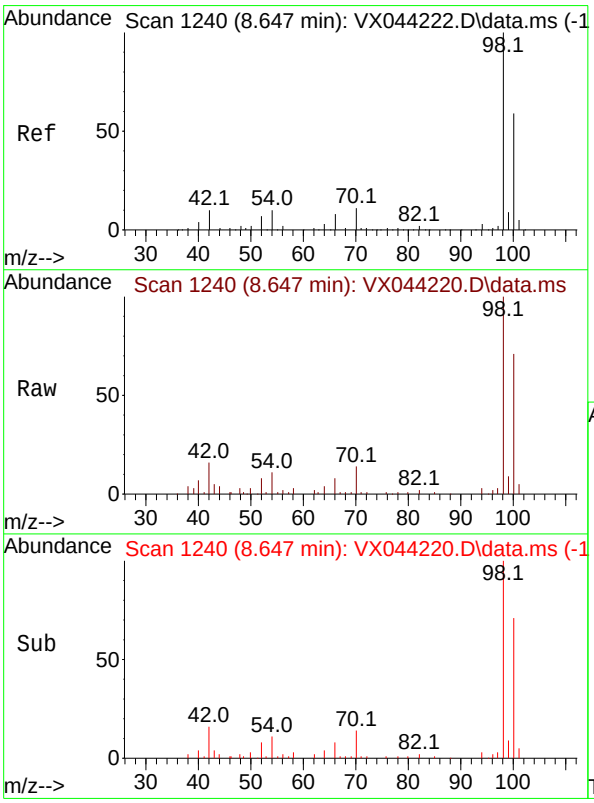
#49
1,4-Dioxane
Concen: 74.917 ug/l
RT: 7.671 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 88 Resp: 2783

Ion	Ratio	Lower	Upper
88	100		
43	23.3	27.1	40.7#
58	61.6	41.0	61.4#

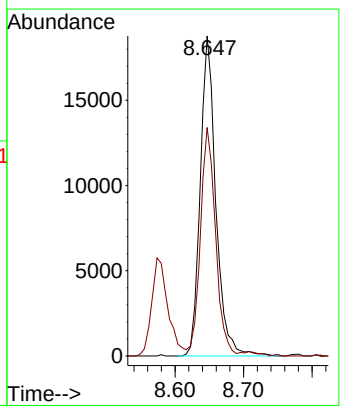


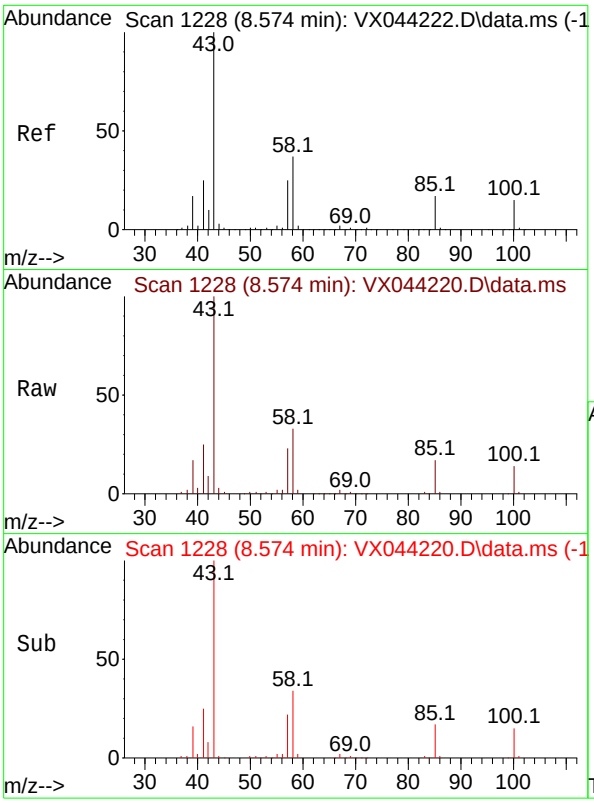


#50
Toluene-d8
Concen: 4.915 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 98 Resp: 29732

Ion	Ratio	Lower	Upper
98	100		
100	67.4	51.5	77.3



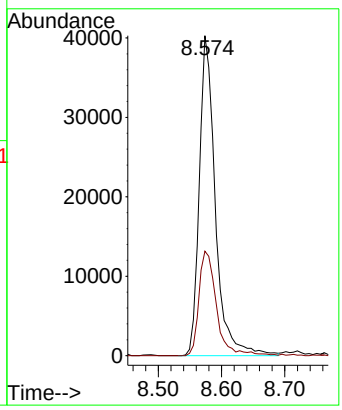


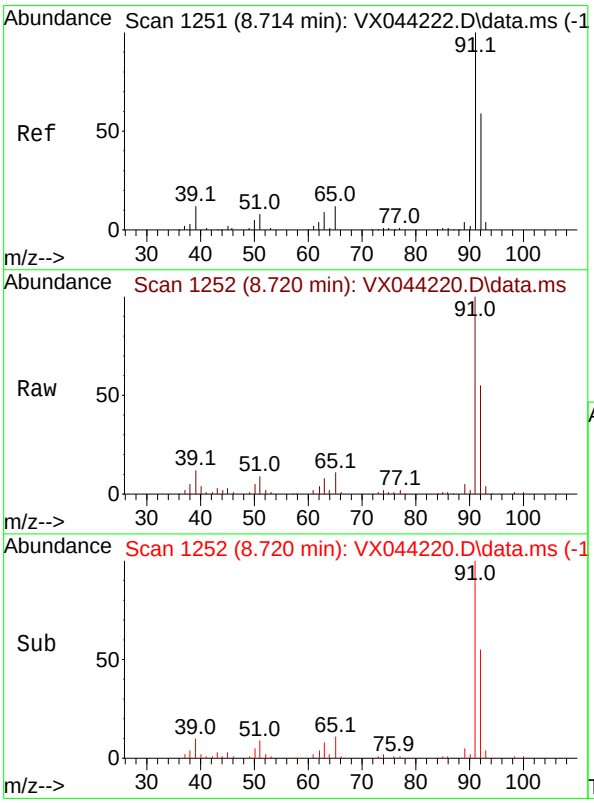
#51
4-Methyl-2-Pentanone
Concen: 24.759 ug/l
RT: 8.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 71285

Ion	Ratio	Lower	Upper
43	100		
58	35.7	29.4	44.0

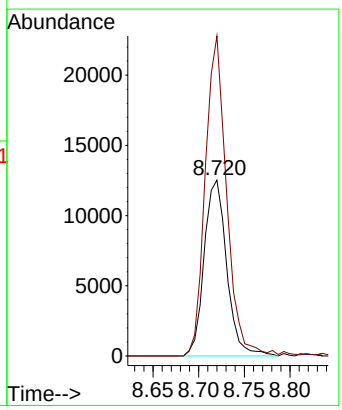


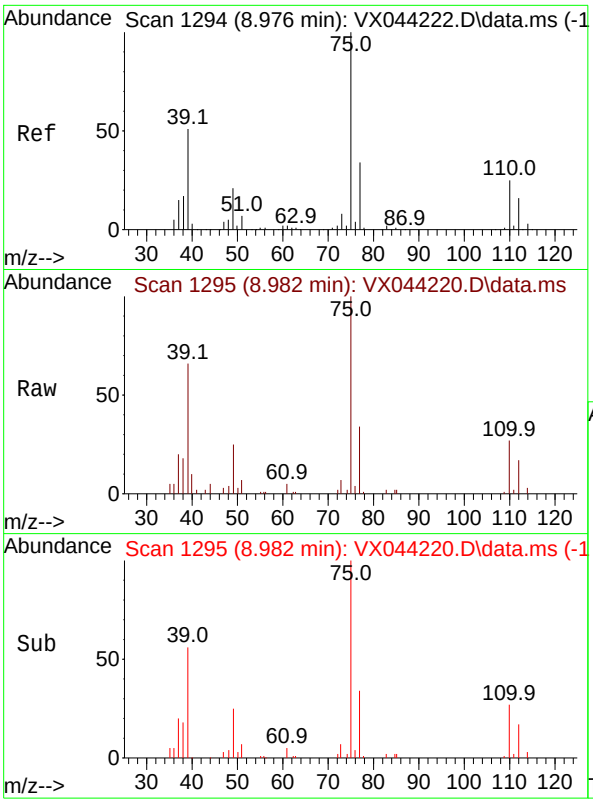


#52
Toluene
Concen: 4.862 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 92 Resp: 21486

Ion	Ratio	Lower	Upper
92	100		
91	173.0	137.0	205.6



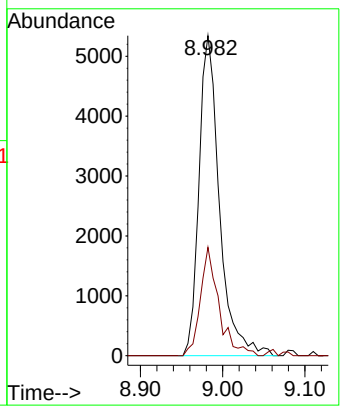


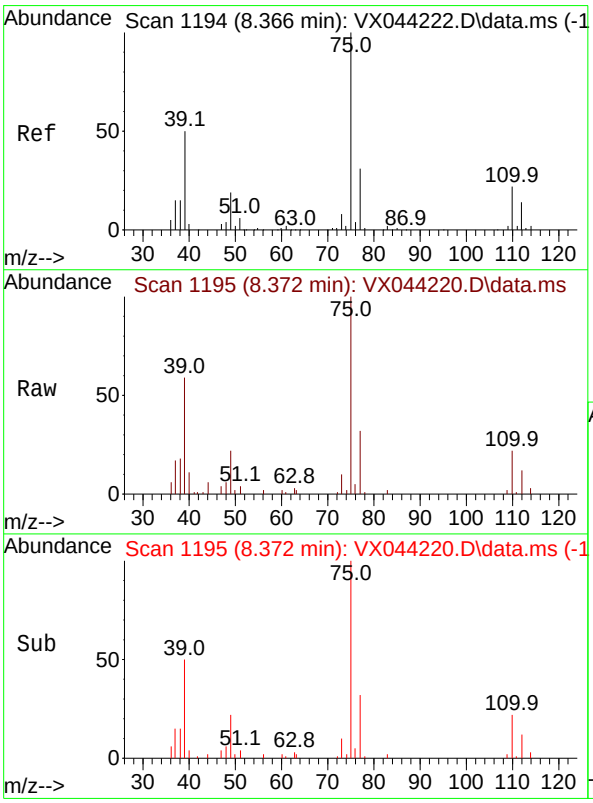
#53
t-1,3-Dichloropropene
Concen: 4.665 ug/l
RT: 8.982 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 9232

Ion	Ratio	Lower	Upper
75	100		
77	33.8	27.2	40.8

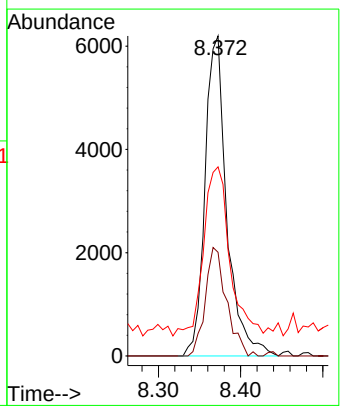


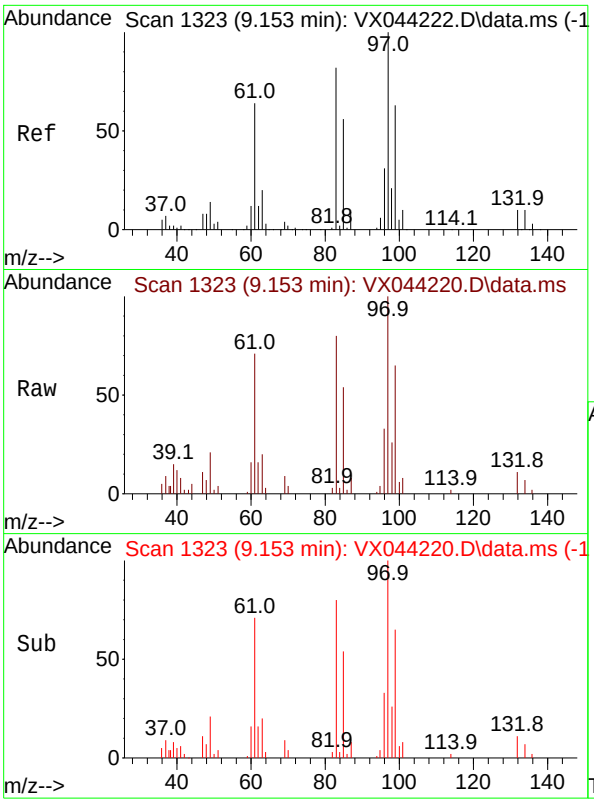


#54
cis-1,3-Dichloropropene
Concen: 4.348 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 75 Resp: 11404

Ion	Ratio	Lower	Upper
75	100		
77	32.4	24.7	37.1
39	50.5	40.3	60.5



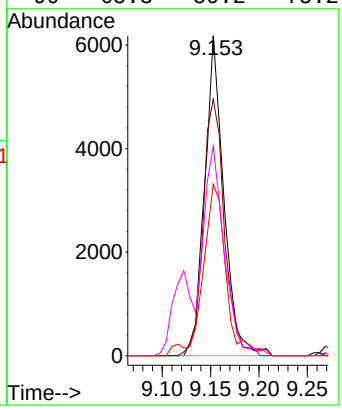


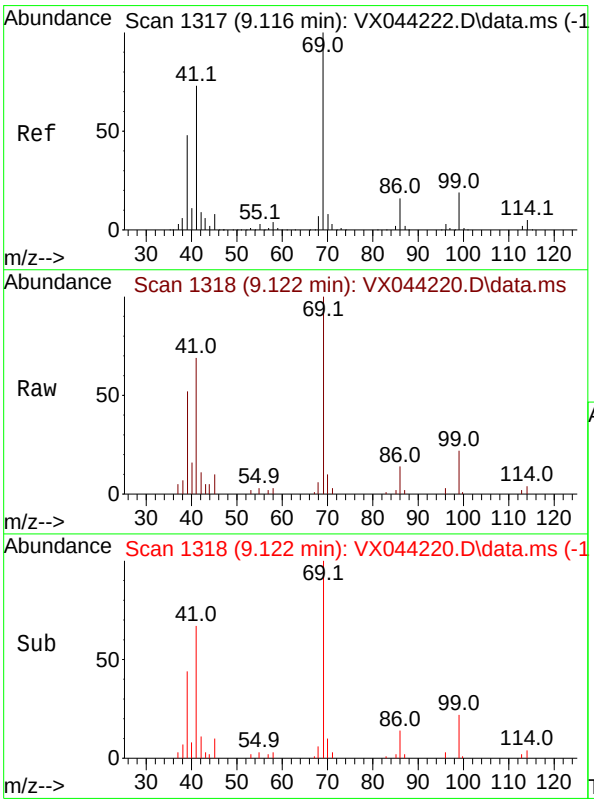
#55
1,1,2-Trichloroethane
Concen: 4.893 ug/l
RT: 9.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 97 Resp: 8590

Ion	Ratio	Lower	Upper
97	100		
83	80.2	65.3	97.9
85	53.6	44.6	67.0
99	65.3	50.2	75.2

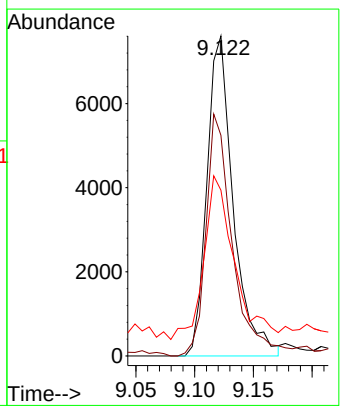


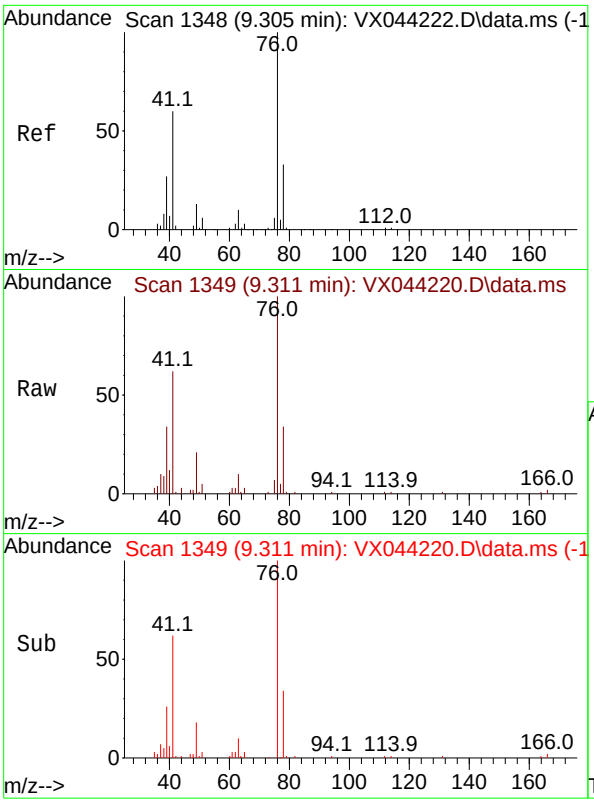


#56
Ethyl methacrylate
Concen: 4.277 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 69 Resp: 11854

Ion	Ratio	Lower	Upper
69	100		
41	76.0	56.6	85.0
39	58.7	37.4	56.0#



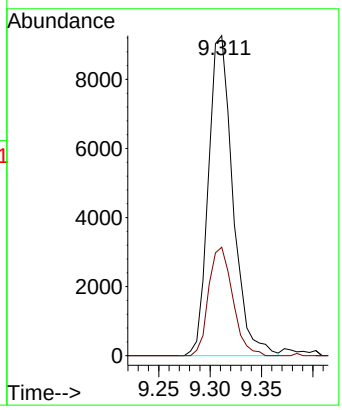


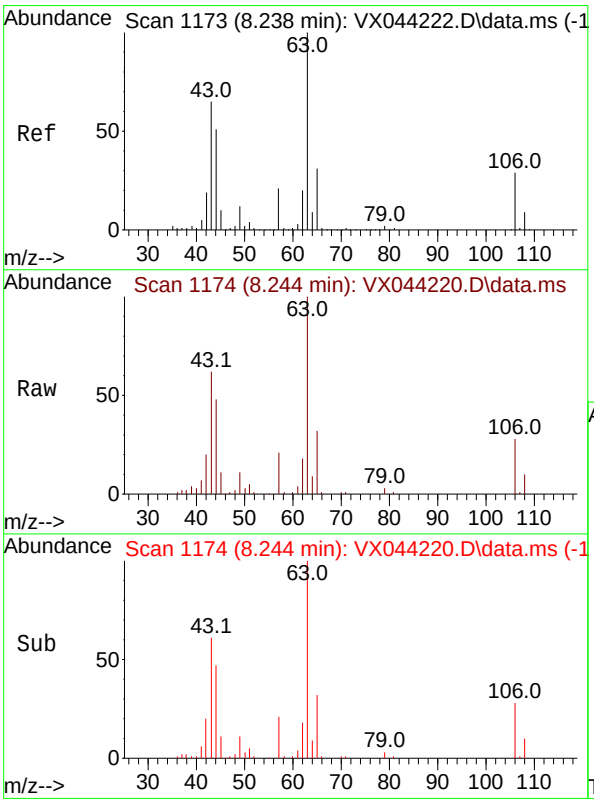
#57
1,3-Dichloropropane
Concen: 5.024 ug/l
RT: 9.311 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 15352

Ion	Ratio	Lower	Upper
76	100		
78	33.3	26.5	39.7

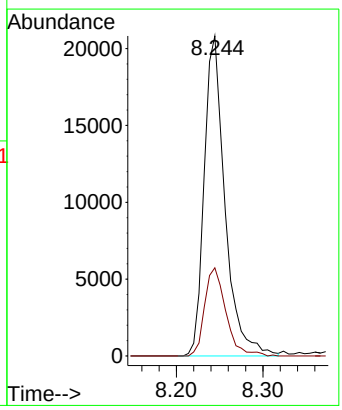


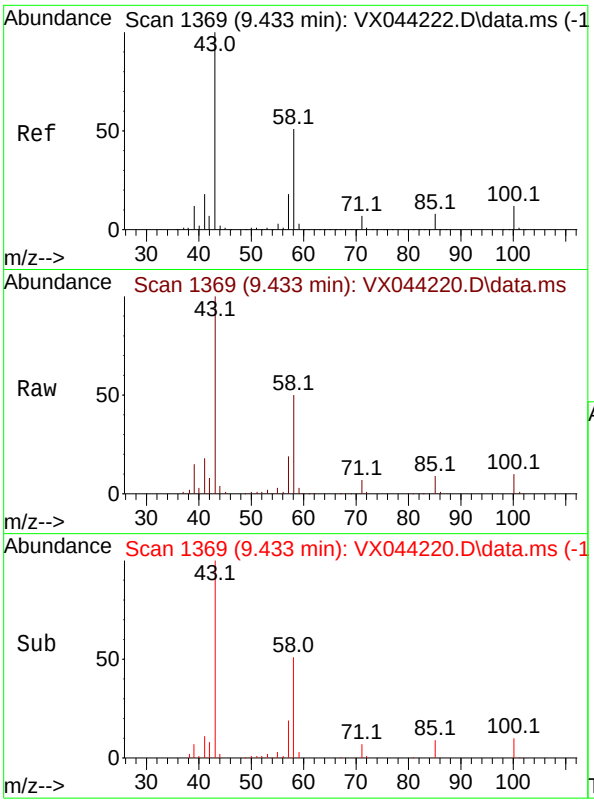


#58
2-Chloroethyl Vinyl ether
Concen: 24.852 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 63 Resp: 34738

Ion	Ratio	Lower	Upper
63	100		
106	28.1	22.8	34.2



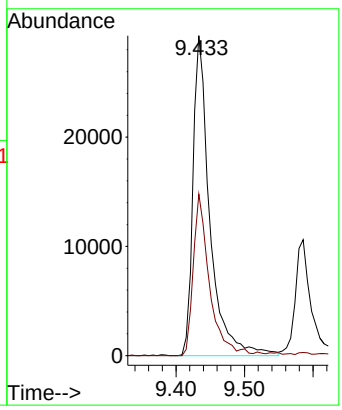


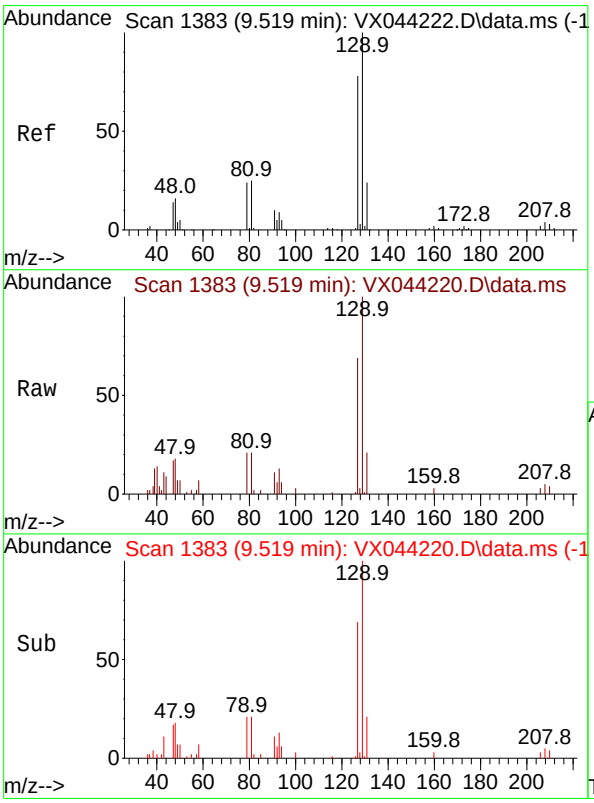
#59
2-Hexanone
Concen: 23.994 ug/l
RT: 9.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 50003

Ion	Ratio	Lower	Upper
43	100		
58	48.6	25.7	77.0

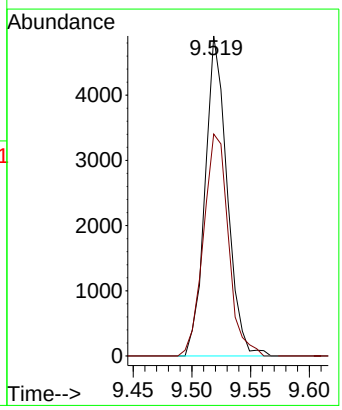


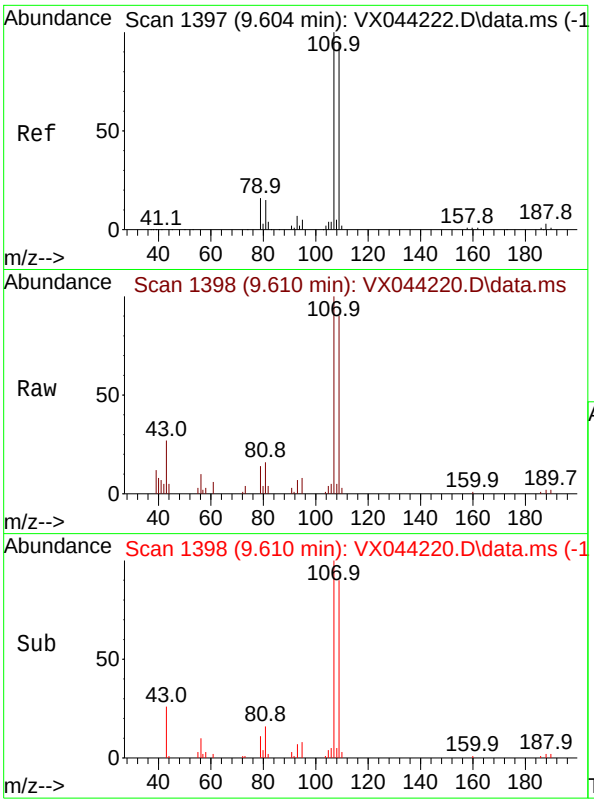


#60
Dibromochloromethane
Concen: 4.738 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:129 Resp: 6411

Ion	Ratio	Lower	Upper
129	100		
127	78.3	38.5	115.3



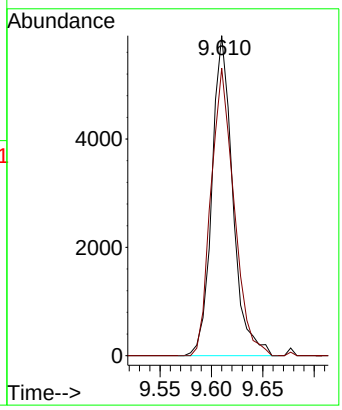


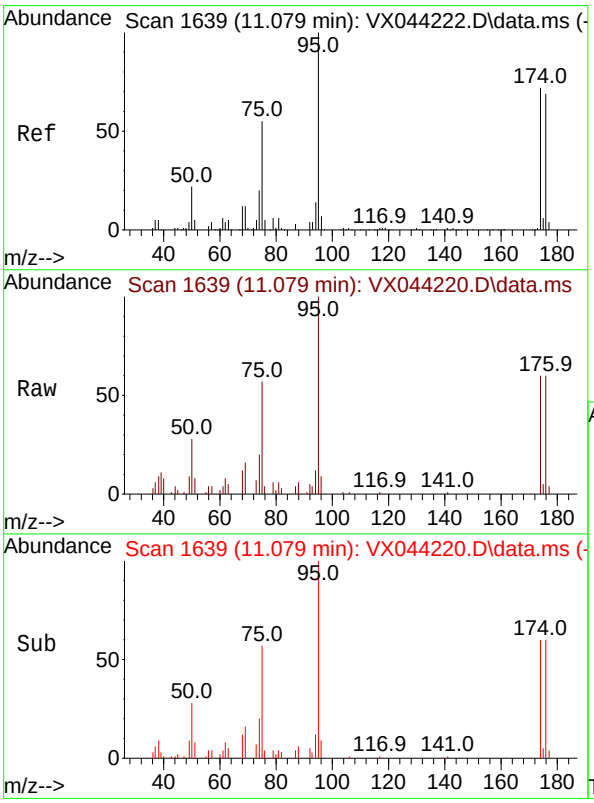
#61
1,2-Dibromoethane
Concen: 4.662 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:107 Resp: 8330

Ion	Ratio	Lower	Upper
107	100		
109	99.5	77.0	115.4

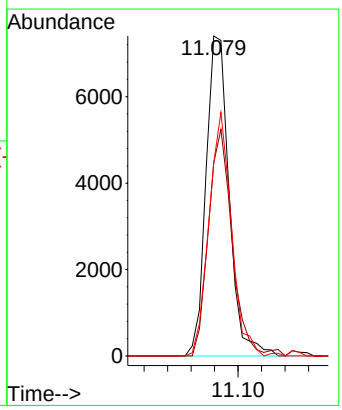


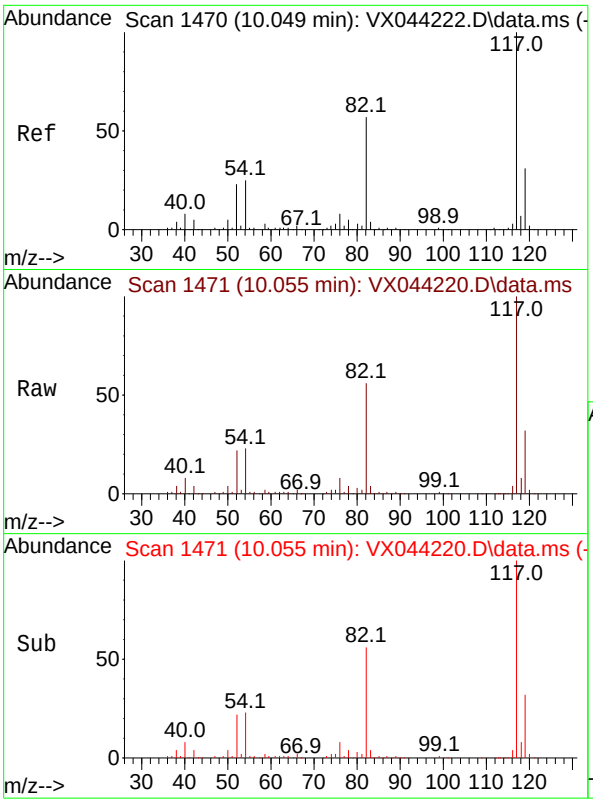


#62
4-Bromofluorobenzene
Concen: 4.779 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 95 Resp: 10101

Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	145.8
176	74.4	0.0	137.8



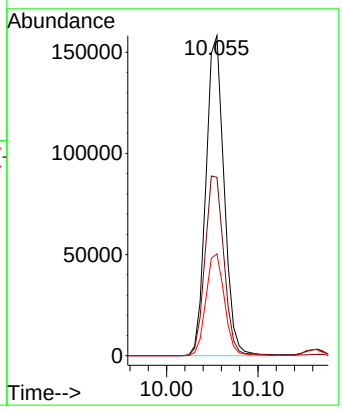


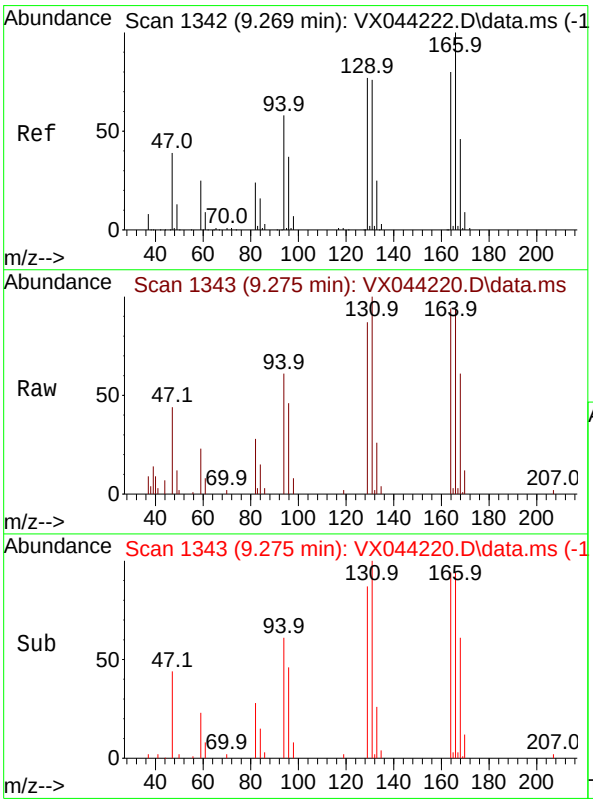
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:117 Resp: 217783

Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.8	68.8
119	31.9	25.0	37.4

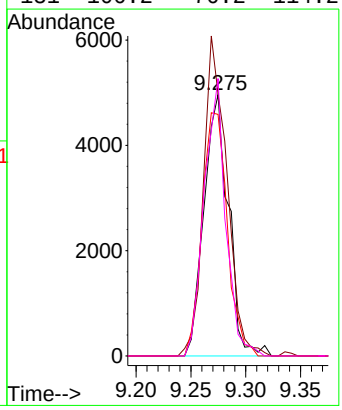


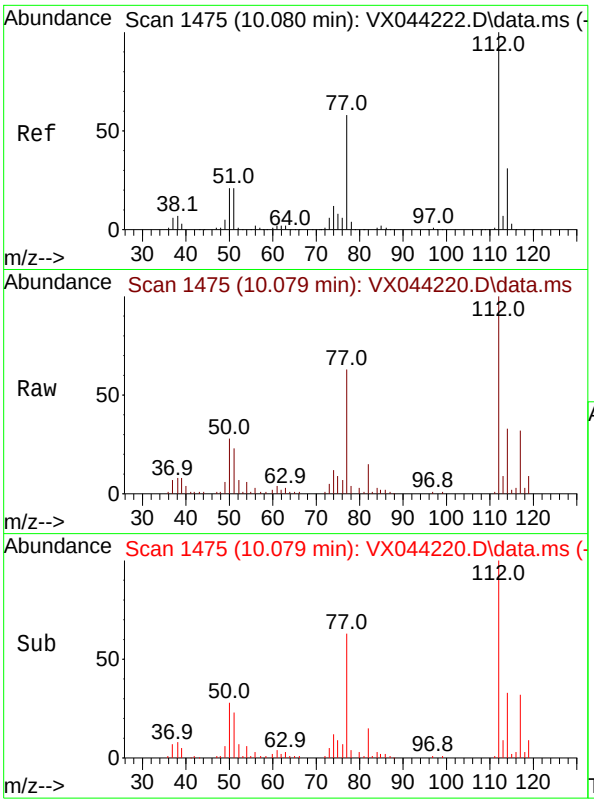


#64
Tetrachloroethene
Concen: 5.334 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:164 Resp: 7710

Ion	Ratio	Lower	Upper
164	100		
166	100.3	100.4	150.6#
129	92.5	77.2	115.8
131	106.2	76.2	114.2



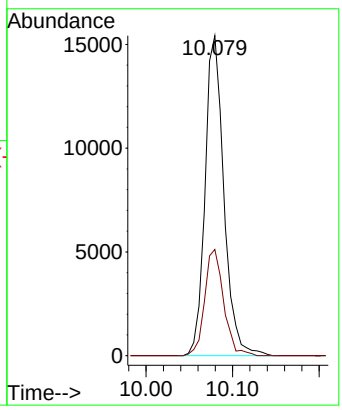


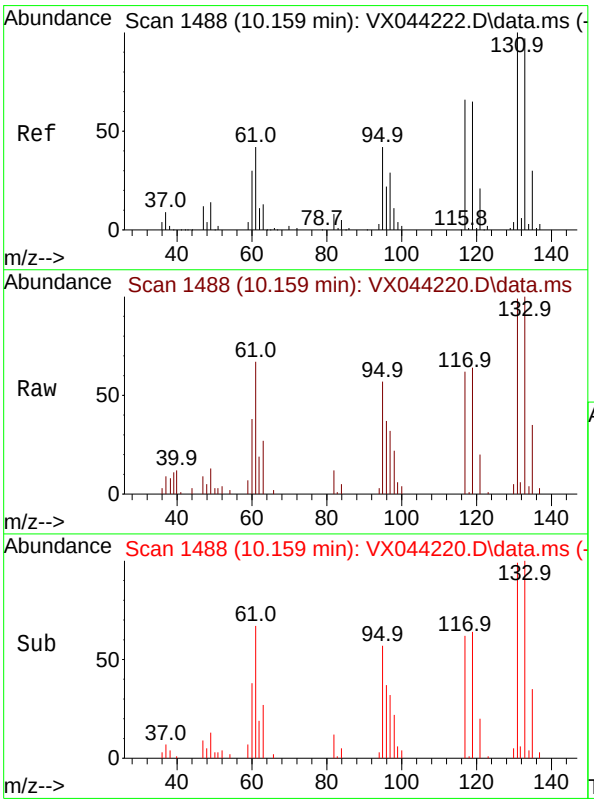
#65
Chlorobenzene
Concen: 4.986 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 23268

Ion	Ratio	Lower	Upper
112	100		
114	33.2	25.0	37.6

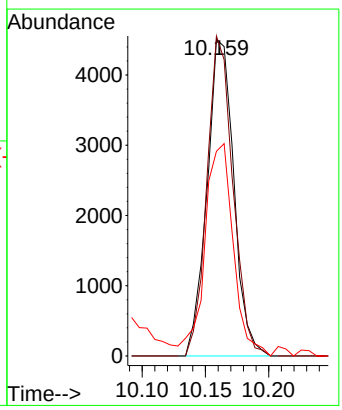


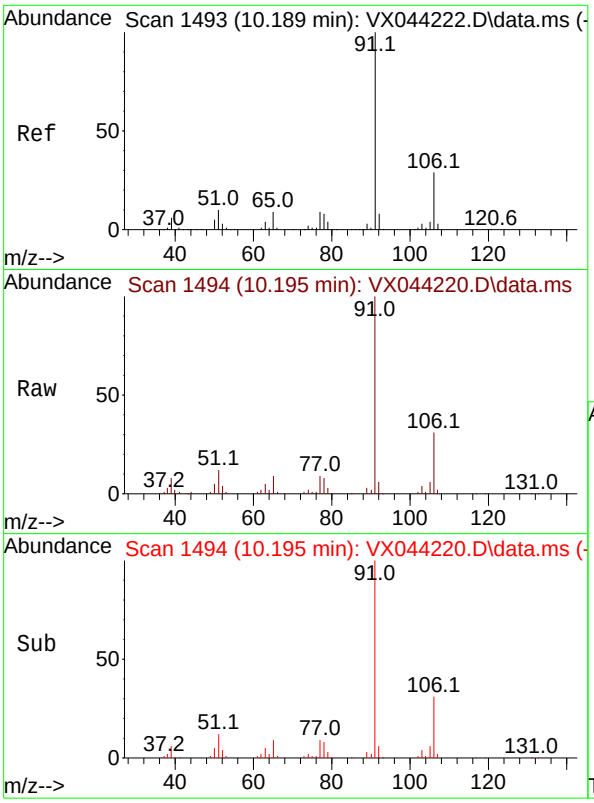


#66
1,1,1,2-Tetrachloroethane
Concen: 4.432 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:131 Resp: 6647

Ion	Ratio	Lower	Upper
131	100		
133	97.7	47.3	141.8
119	70.8	31.6	95.0



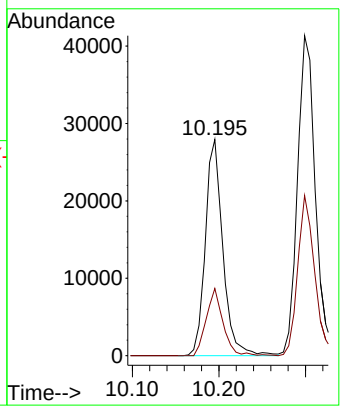


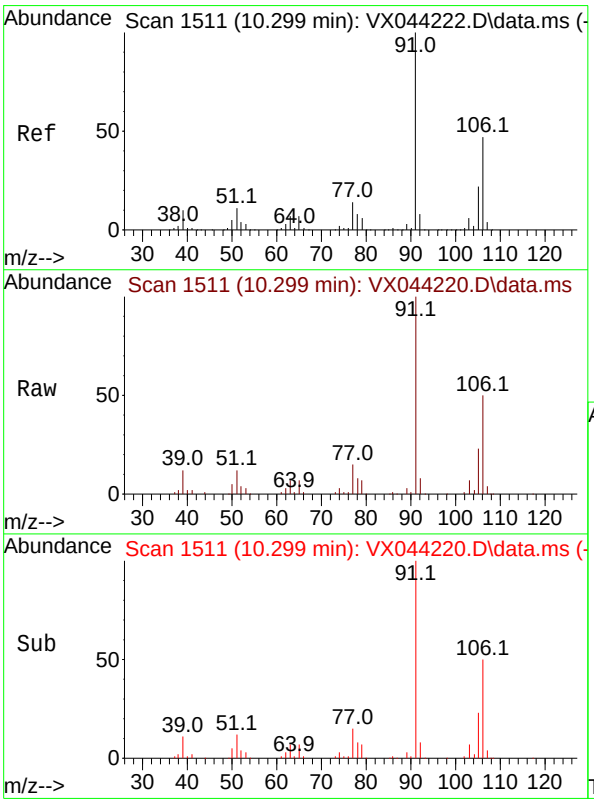
#67
Ethyl Benzene
Concen: 4.877 ug/l
RT: 10.195 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 39326

Ion	Ratio	Lower	Upper
91	100		
106	31.1	23.5	35.3

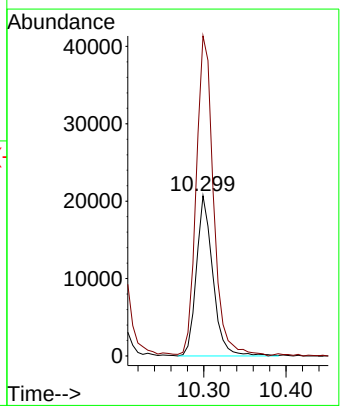


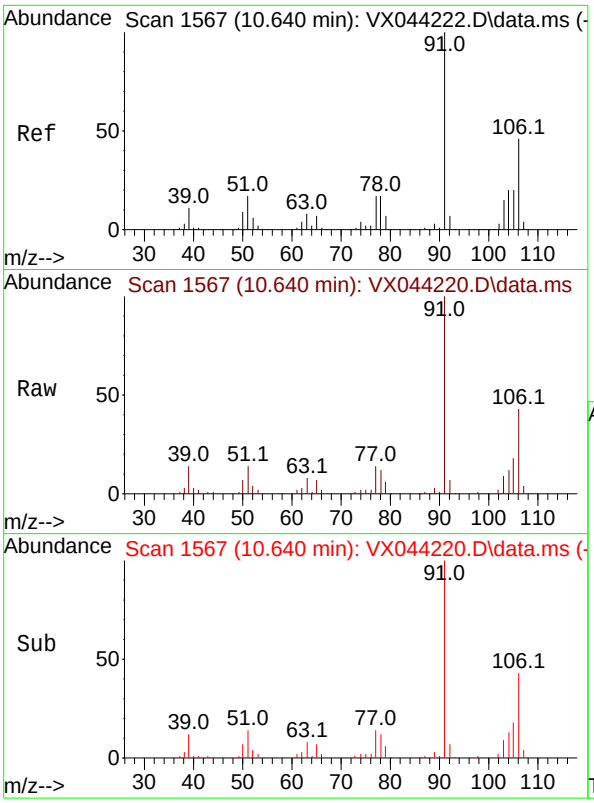


#68
m/p-Xylenes
Concen: 9.720 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:106 Resp: 28758

Ion	Ratio	Lower	Upper
106	100		
91	210.2	170.2	255.2



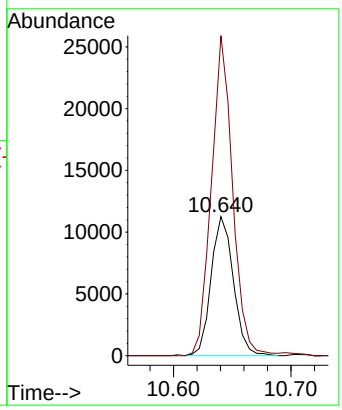


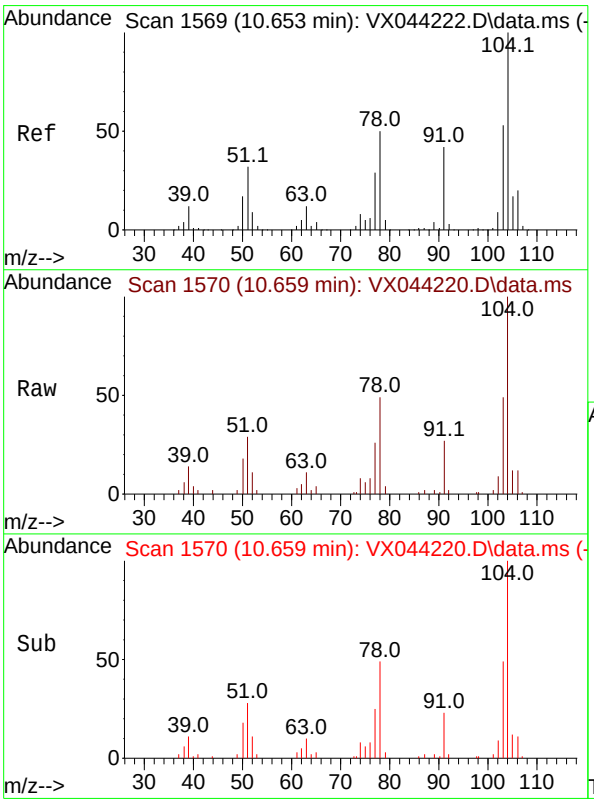
#69
o-Xylene
Concen: 4.965 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 14864

Ion	Ratio	Lower	Upper
106	100		
91	219.3	112.3	337.0

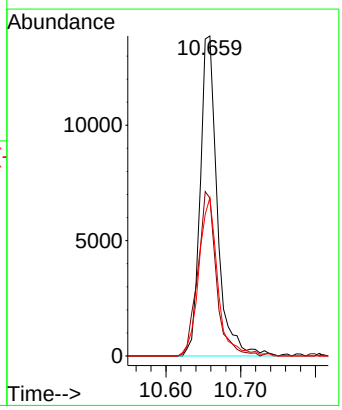


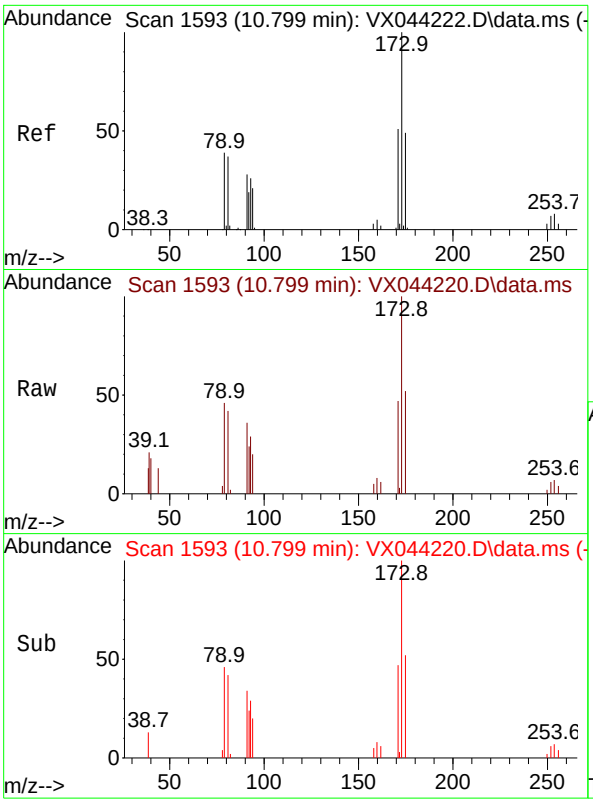


#70
Styrene
Concen: 4.624 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:104 Resp: 22191

Ion	Ratio	Lower	Upper
104	100		
78	55.5	44.6	67.0
103	54.6	45.4	68.0



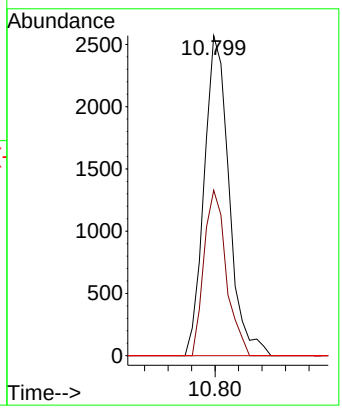


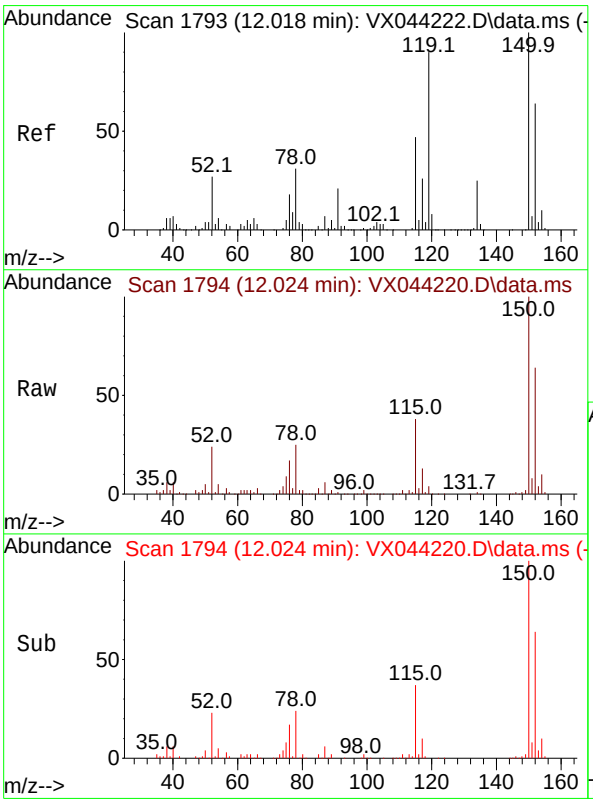
#71
Bromoform
Concen: 5.118 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:173 Resp: 3775

Ion	Ratio	Lower	Upper
173	100		
175	46.3	23.8	71.4
254	0.0	0.0	0.0

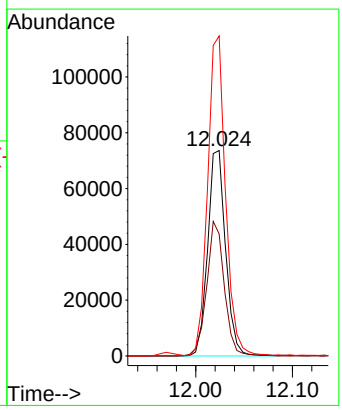


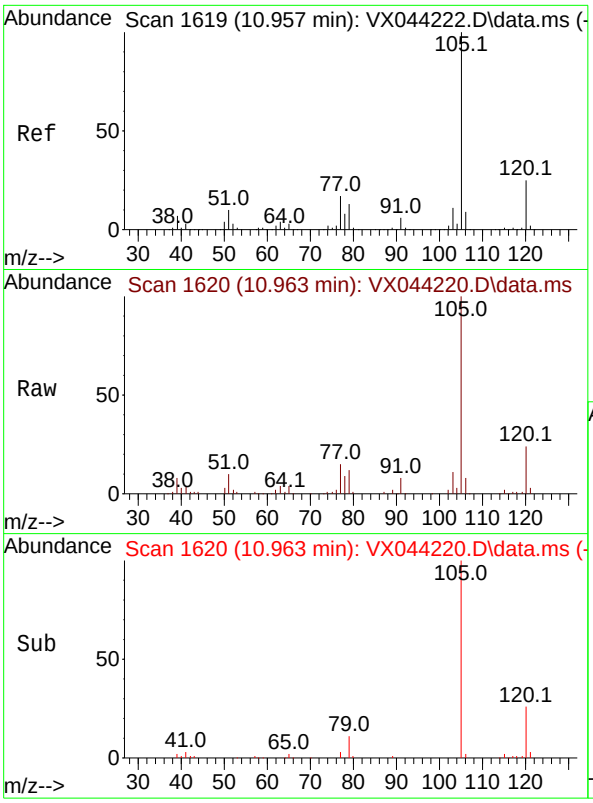


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:152 Resp: 95175

Ion	Ratio	Lower	Upper
152	100		
115	64.2	44.5	133.3
150	154.3	0.0	353.8



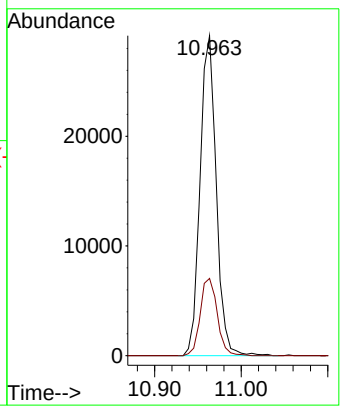


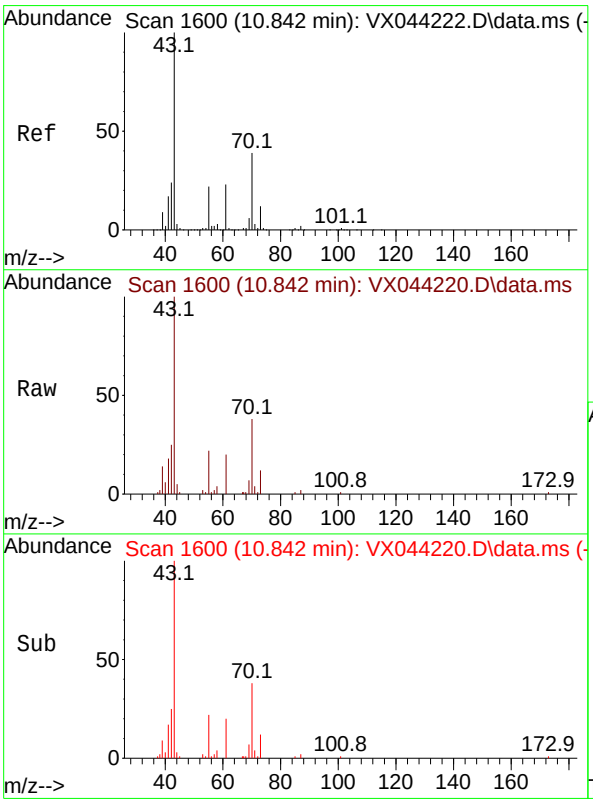
#73
Isopropylbenzene
Concen: 5.194 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 37843

Ion	Ratio	Lower	Upper
105	100		
120	25.4	13.1	39.3

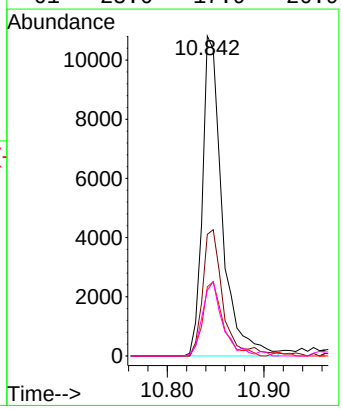


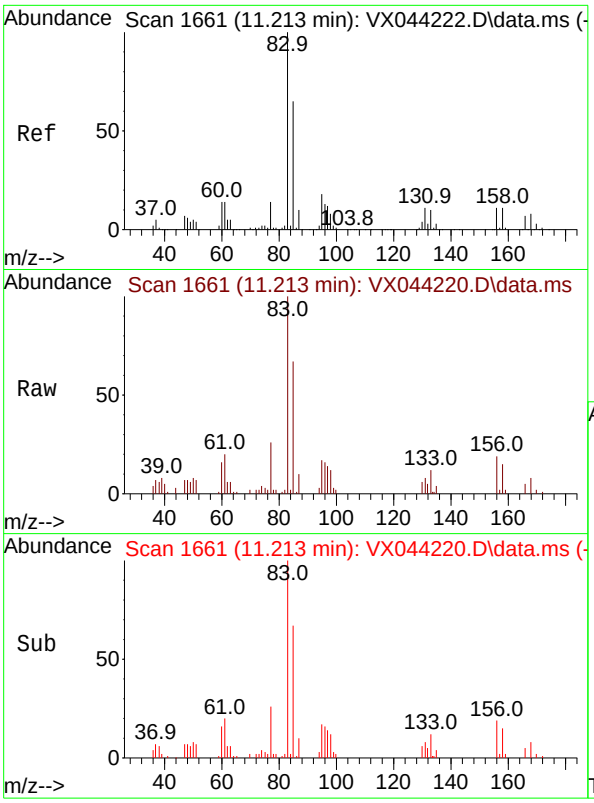


#74
N-amyl acetate
Concen: 4.579 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 43 Resp: 15418

Ion	Ratio	Lower	Upper
43	100		
70	41.2	31.9	47.9
55	23.7	17.9	26.9
61	23.6	17.9	26.9



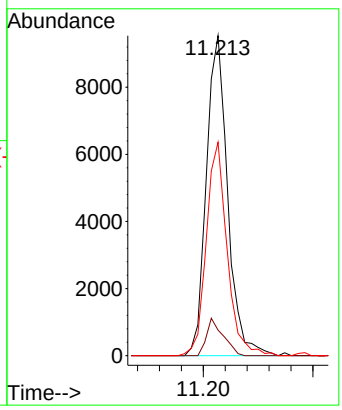


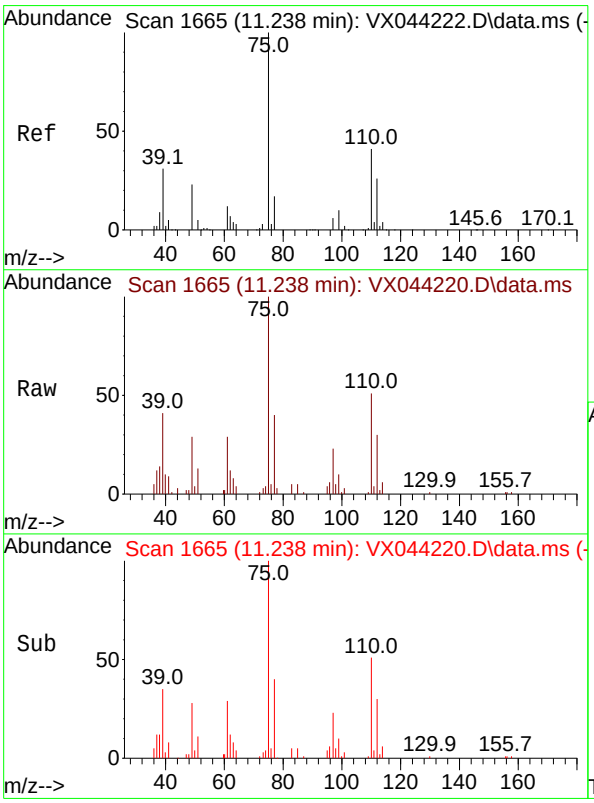
#75
1,1,2,2-Tetrachloroethane
Concen: 5.077 ug/l
RT: 11.213 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 12848

Ion	Ratio	Lower	Upper
83	100		
131	9.1	5.1	15.4
85	65.3	32.5	97.4

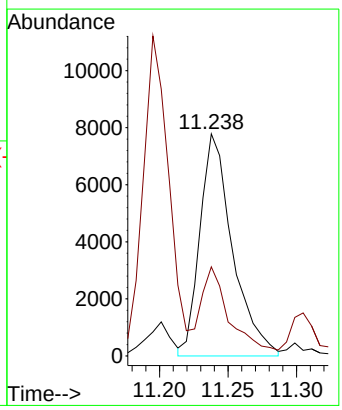


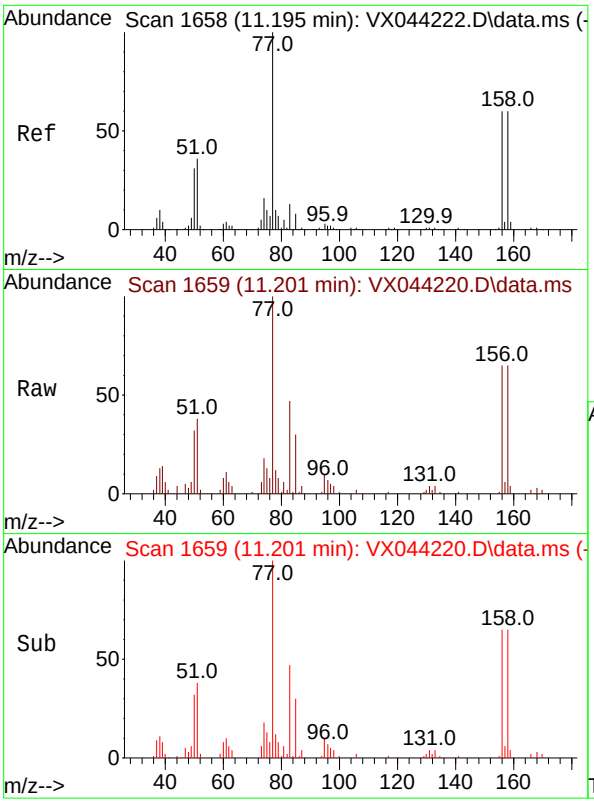


#76
1,2,3-Trichloropropane
Concen: 5.974 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 75 Resp: 12901

Ion	Ratio	Lower	Upper
75	100		
77	36.0	20.9	62.7



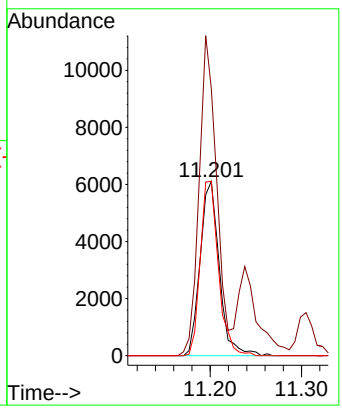


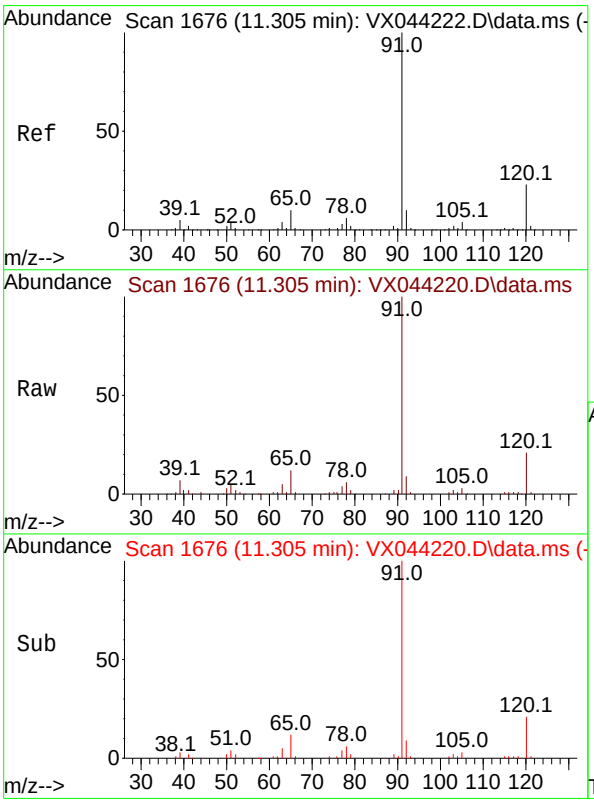
#77
Bromobenzene
Concen: 5.033 ug/l
RT: 11.201 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:156 Resp: 8892

Ion	Ratio	Lower	Upper
156	100		
77	165.4	82.6	247.8
158	94.7	48.8	146.4

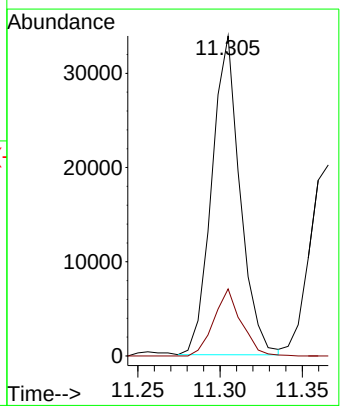


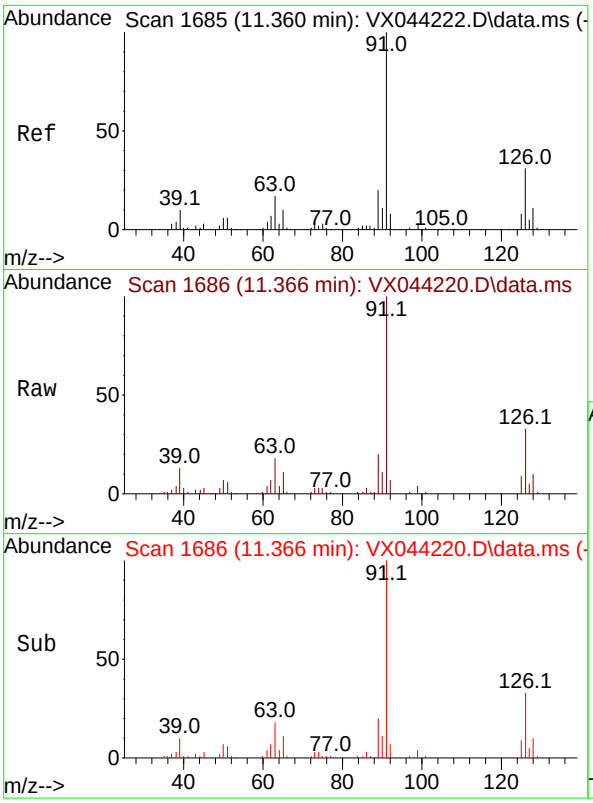


#78
n-propylbenzene
Concen: 5.038 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 91 Resp: 40574

Ion	Ratio	Lower	Upper
91	100		
120	20.3	11.0	33.0



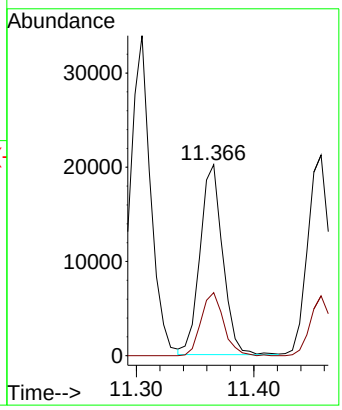


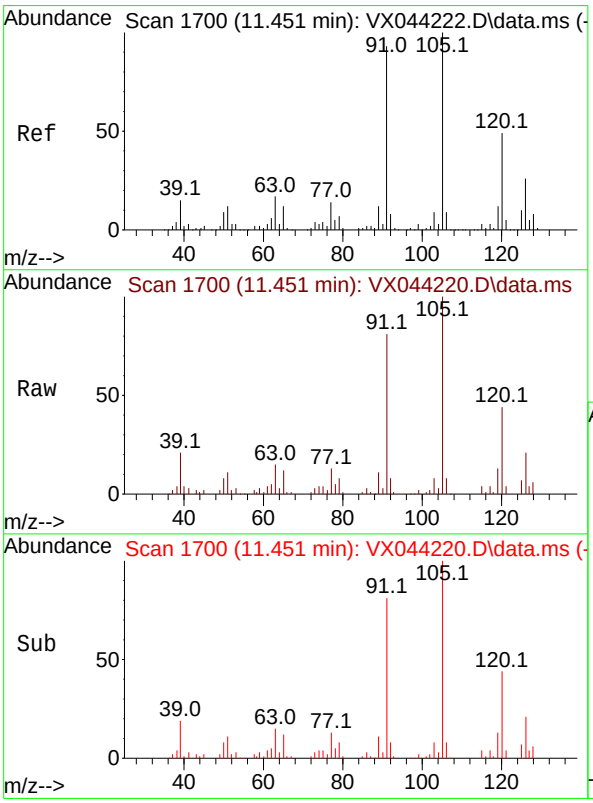
#79
2-Chlorotoluene
Concen: 5.203 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 27096

Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.4	49.1

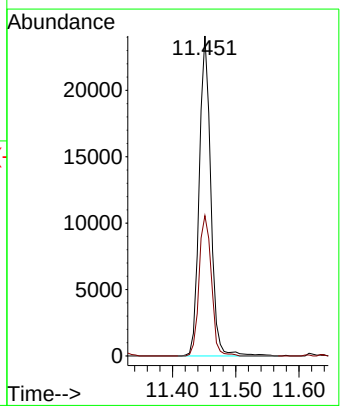


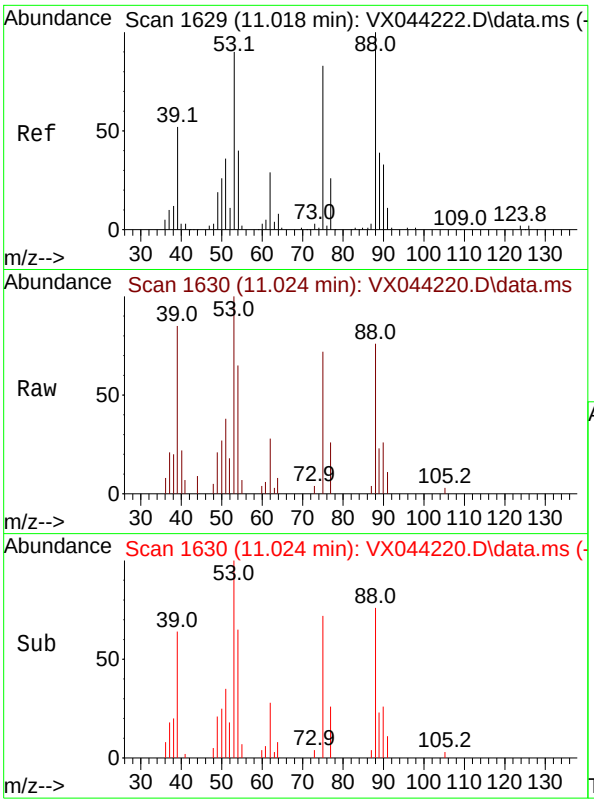


#80
1,3,5-Trimethylbenzene
Concen: 5.075 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:105 Resp: 30665

Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.8	71.4



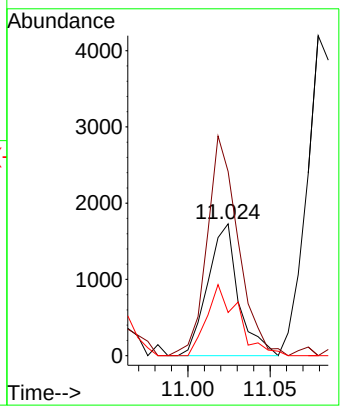


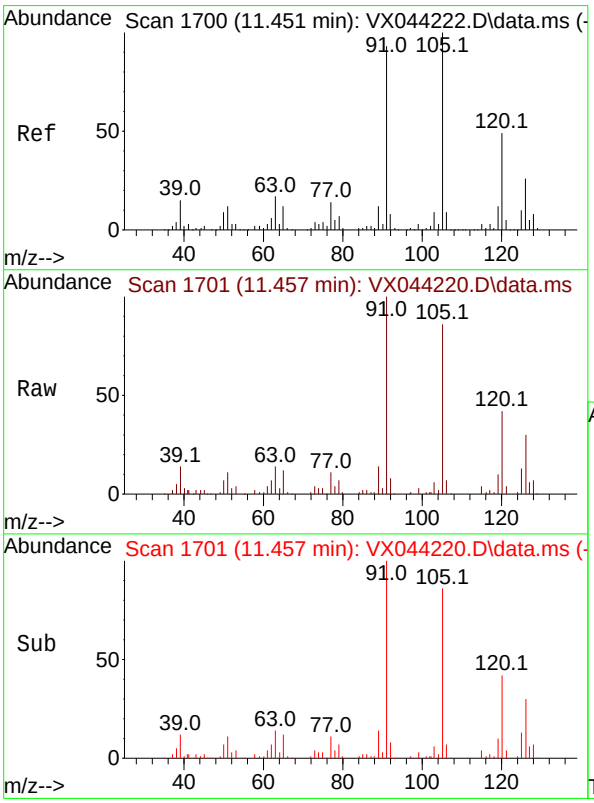
#81
trans-1,4-Dichloro-2-butene
Concen: 8.273 ug/l
RT: 11.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 2249

Ion	Ratio	Lower	Upper
75	100		
53	168.9	93.6	140.4#
89	55.5	37.3	55.9

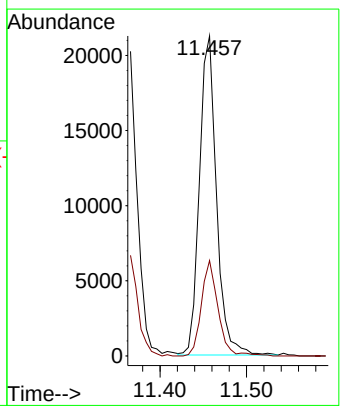


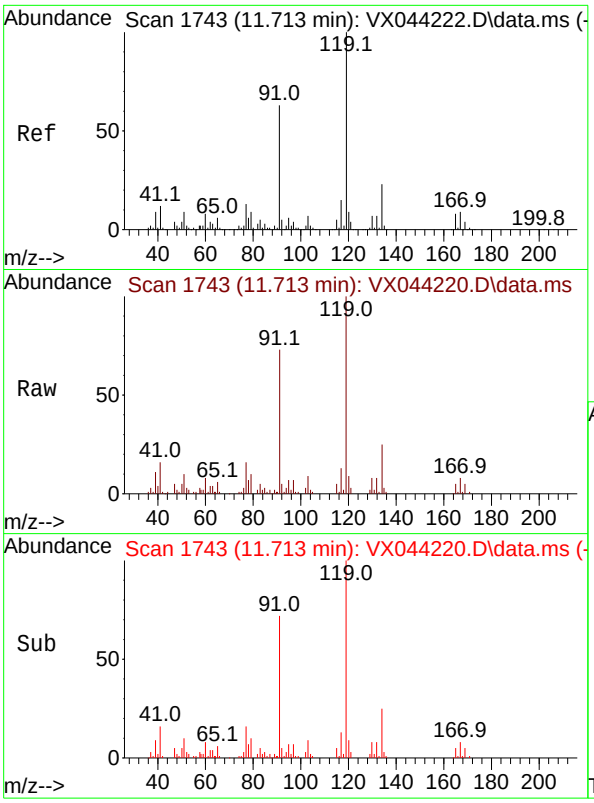


#82
4-Chlorotoluene
Concen: 5.035 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 91 Resp: 29039

Ion	Ratio	Lower	Upper
91	100		
126	29.3	14.5	43.5



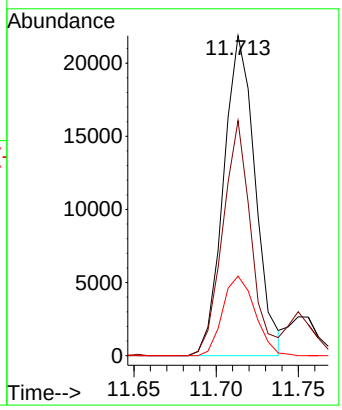


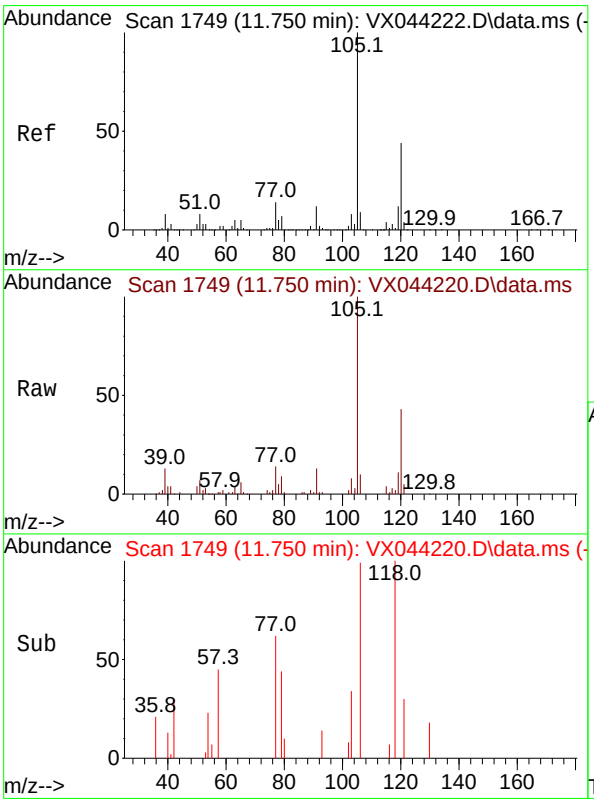
#83
tert-Butylbenzene
Concen: 4.904 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 29283

Ion	Ratio	Lower	Upper
119	100		
91	65.9	30.9	92.5
134	25.3	11.5	34.4

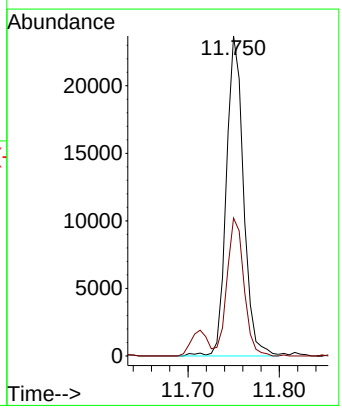


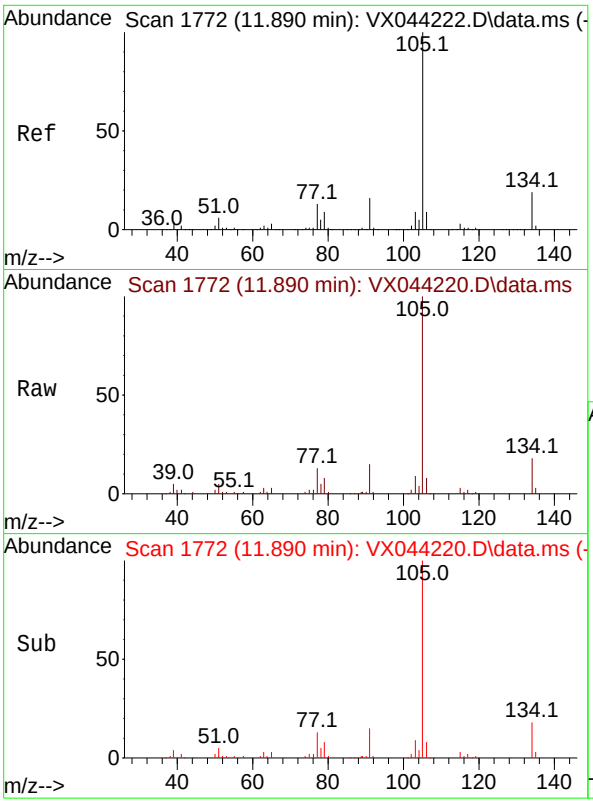


#84
1,2,4-Trimethylbenzene
Concen: 5.219 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:105 Resp: 30970

Ion	Ratio	Lower	Upper
105	100		
120	42.6	21.7	65.1



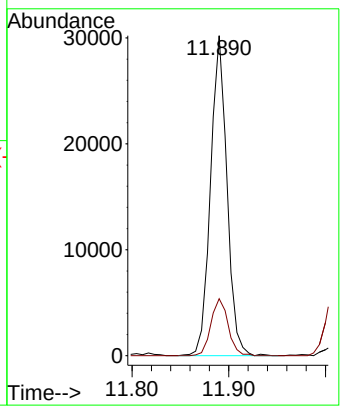


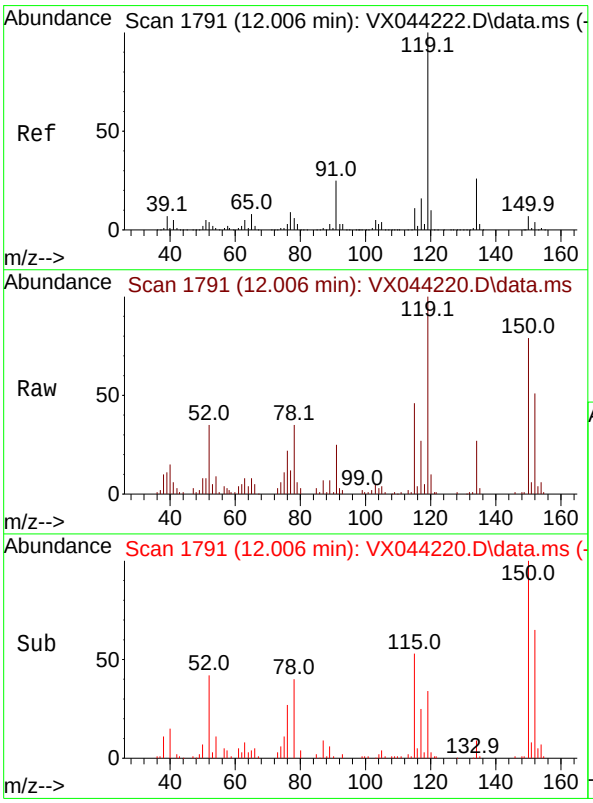
#85
sec-Butylbenzene
Concen: 4.921 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 35670

Ion	Ratio	Lower	Upper
105	100		
134	18.6	9.8	29.4

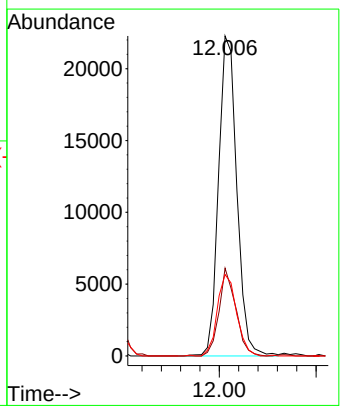


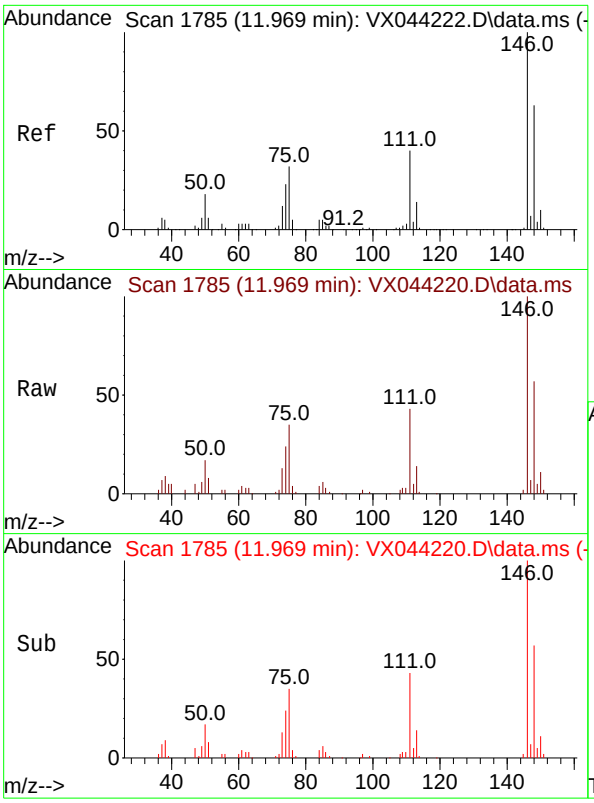


#86
p-Isopropyltoluene
Concen: 4.828 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:119 Resp: 29132

Ion	Ratio	Lower	Upper
119	100		
134	25.1	12.8	38.4
91	26.9	13.0	39.0



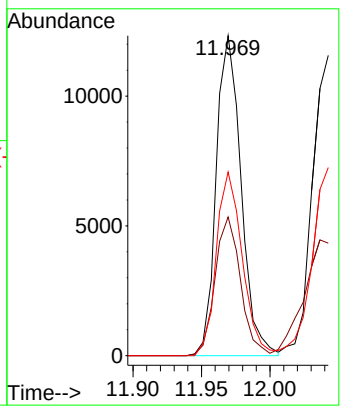


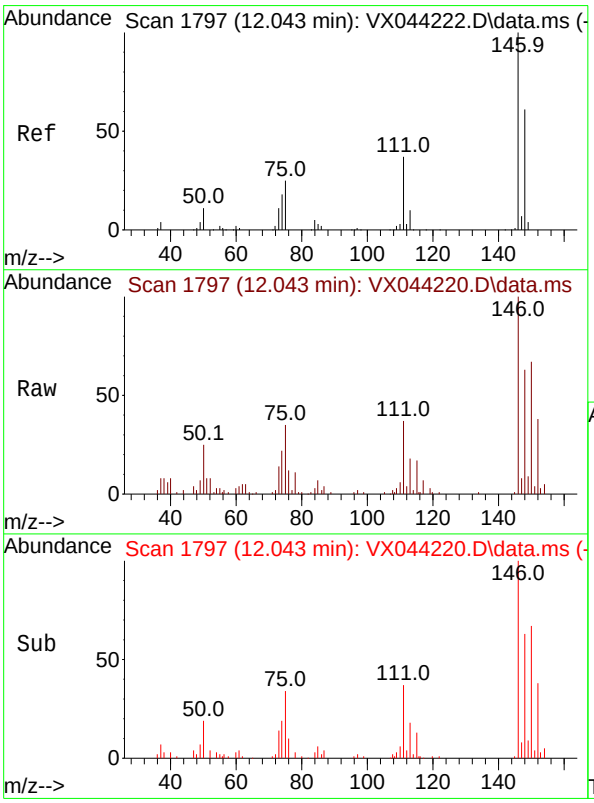
#87
1,3-Dichlorobenzene
Concen: 5.039 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 15553

Ion	Ratio	Lower	Upper
146	100		
111	44.5	21.4	64.2
148	60.1	31.7	95.1

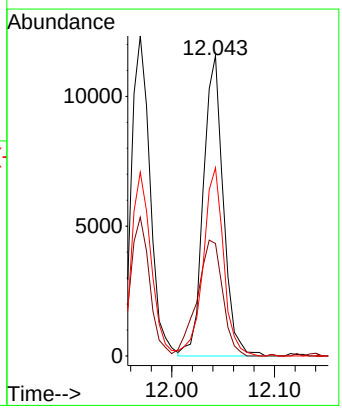


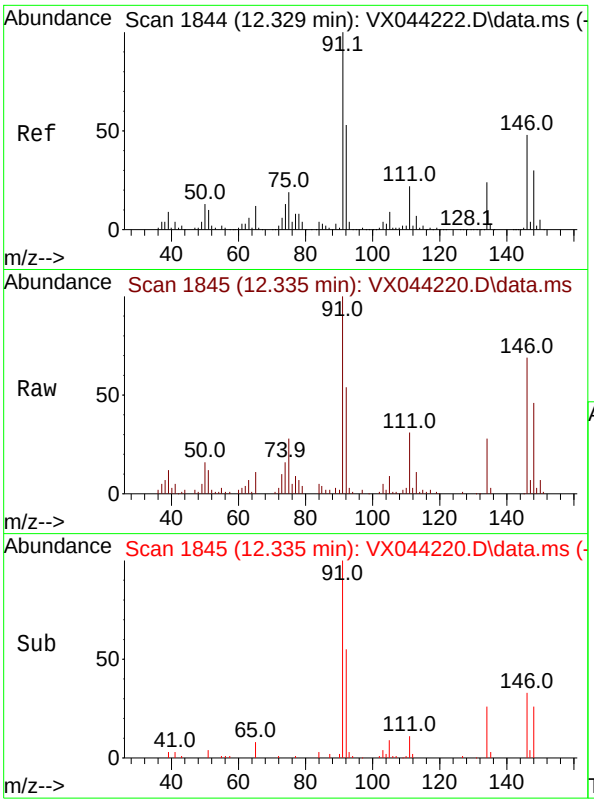


#88
1,4-Dichlorobenzene
Concen: 4.920 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:146 Resp: 15609

Ion	Ratio	Lower	Upper
146	100		
111	49.5	21.0	63.0
148	64.1	32.3	96.8



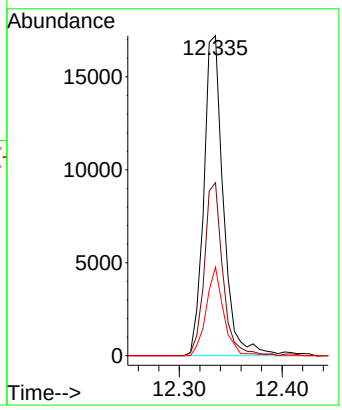


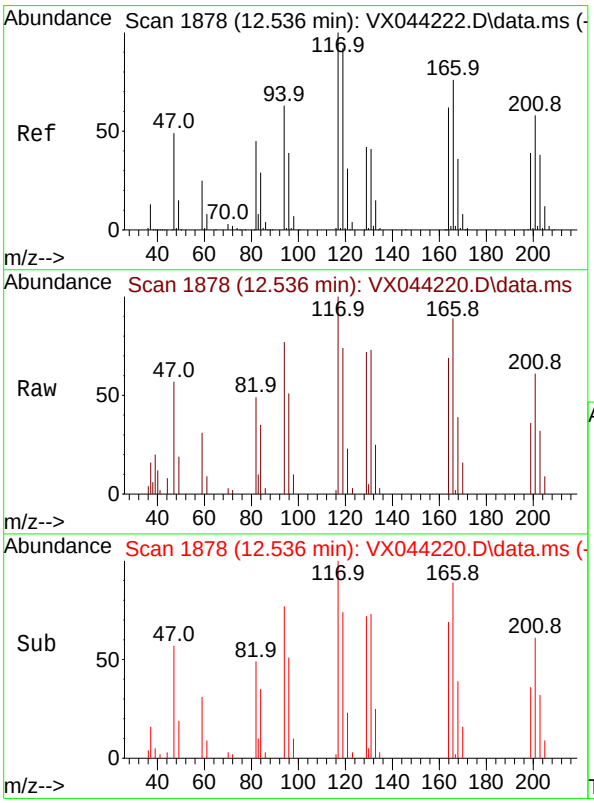
#89
n-Butylbenzene
Concen: 4.478 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 22719

Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.6	79.7
134	24.9	12.6	37.8

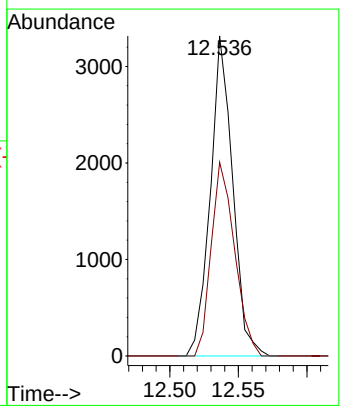


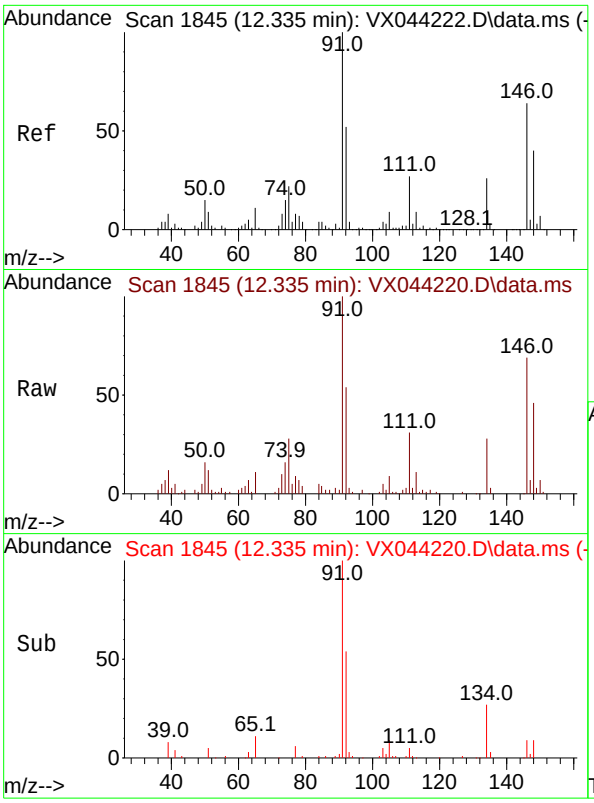


#90
Hexachloroethane
Concen: 4.275 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:117 Resp: 3765

Ion	Ratio	Lower	Upper
117	100		
201	63.5	31.4	94.2



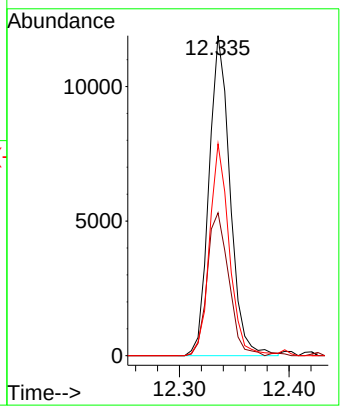


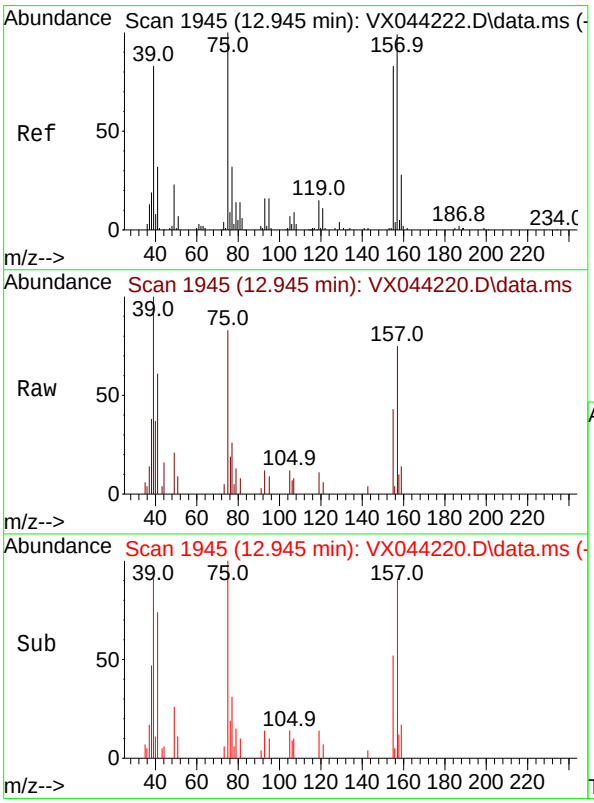
#91
1,2-Dichlorobenzene
Concen: 4.949 ug/l
RT: 12.335 min Scan# 18
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 15858

Ion	Ratio	Lower	Upper
146	100		
111	45.8	21.4	64.3
148	62.1	31.6	95.0

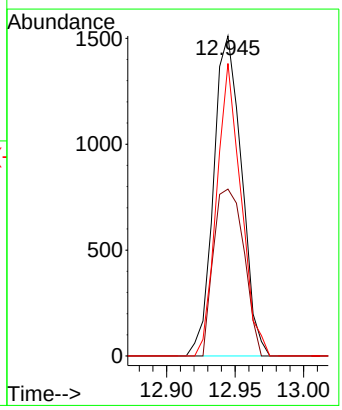


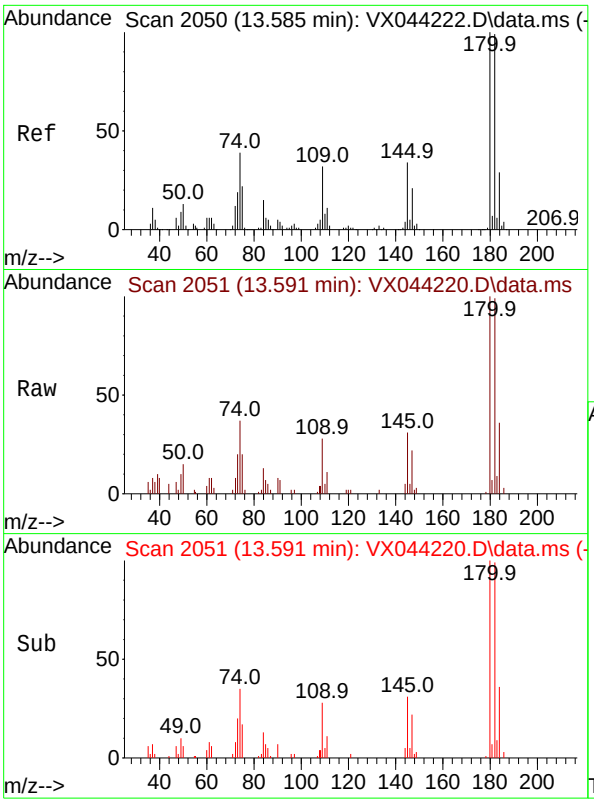


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.385 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 75 Resp: 2154

Ion	Ratio	Lower	Upper
75	100		
155	56.5	38.1	114.3
157	79.4	47.2	141.6



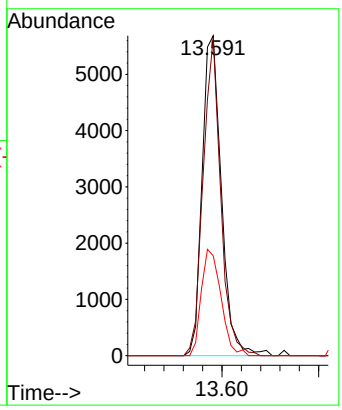


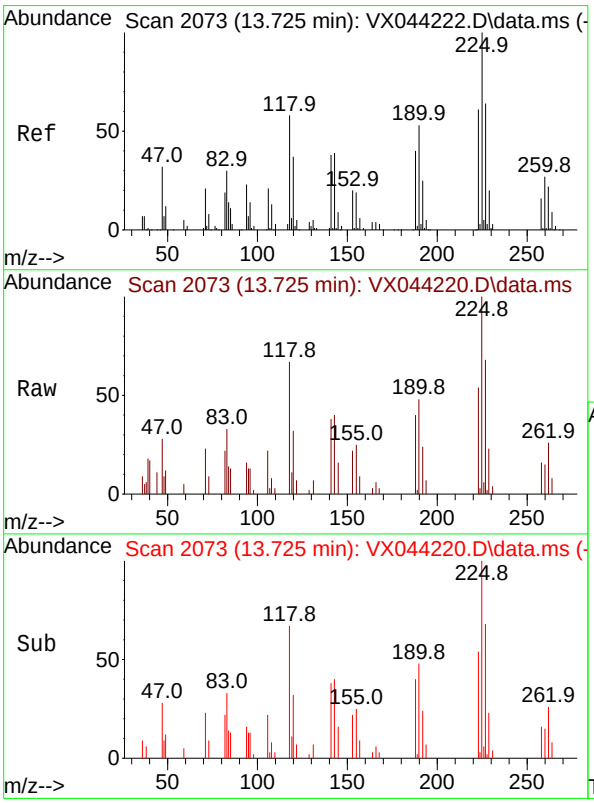
#93
1,2,4-Trichlorobenzene
Concen: 4.478 ug/l
RT: 13.591 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:180 Resp: 7867

Ion	Ratio	Lower	Upper
180	100		
182	90.8	48.0	144.2
145	33.9	16.6	49.7

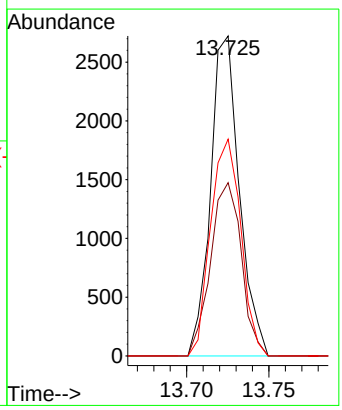


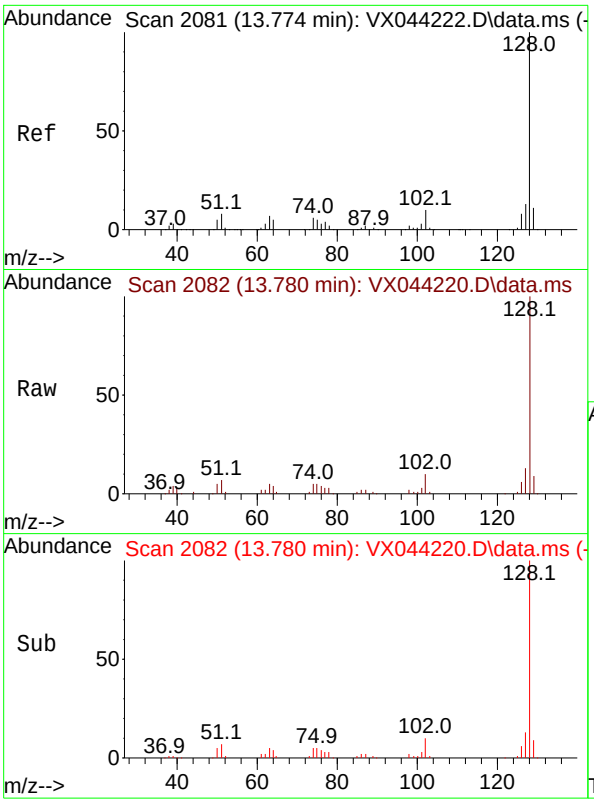


#94
Hexachlorobutadiene
Concen: 4.700 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:225 Resp: 3321

Ion	Ratio	Lower	Upper
225	100		
223	57.9	30.8	92.4
227	71.2	32.1	96.3



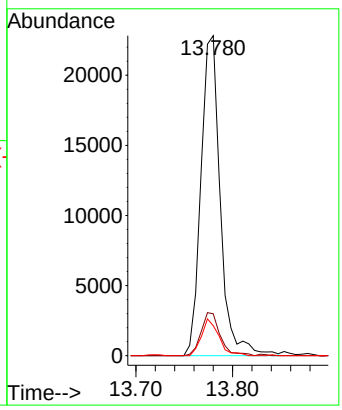


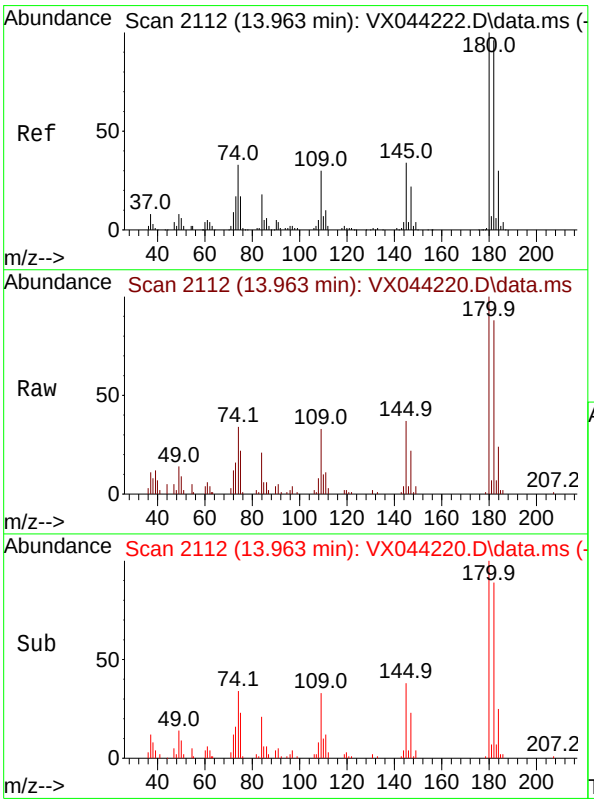
#95
Naphthalene
Concen: 4.643 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:128 Resp: 31842

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.3	9.0	13.4

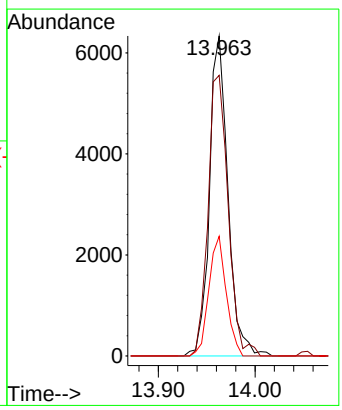




#96
1,2,3-Trichlorobenzene
Concen: 4.520 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:180 Resp: 8422

Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.0	144.0
145	35.2	17.7	53.1



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044221.D
Acq On : 11 Dec 2024 11:50
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Dec 12 04:14:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	134436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	254199	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	41821	17.743	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	35.480%#		
35) Dibromofluoromethane	5.391	113	30304	17.213	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	34.420%#		
50) Toluene-d8	8.647	98	102660	17.284	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	34.560%#		
62) 4-Bromofluorobenzene	11.079	95	35645	17.175	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	34.340%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	38748	18.640	ug/l	90
3) Chloromethane	1.294	50	39546	19.894	ug/l	100
4) Vinyl Chloride	1.374	62	42048	20.304	ug/l	97
5) Bromomethane	1.593	94	27604	18.789	ug/l	94
6) Chloroethane	1.666	64	27673	21.460	ug/l	94
7) Trichlorofluoromethane	1.867	101	81398	20.077	ug/l	99
8) Diethyl Ether	2.136	74	25884	18.704	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	31846	19.412	ug/l	99
10) Methyl Iodide	2.441	142	42786	19.788	ug/l	99
11) Tert butyl alcohol	3.001	59	32189	97.050	ug/l	99
12) 1,1-Dichloroethene	2.306	96	29241	19.405	ug/l	92
13) Acrolein	2.239	56	43909	91.311	ug/l	97
14) Allyl chloride	2.654	41	47218	18.813	ug/l	98
15) Acrylonitrile	3.068	53	89249	96.988	ug/l	99
16) Acetone	2.392	43	88985	92.601	ug/l	95
17) Carbon Disulfide	2.502	76	50399	17.595	ug/l	98
18) Methyl Acetate	2.709	43	47509	19.175	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	114371	19.450	ug/l	100
20) Methylene Chloride	2.782	84	35820	19.846	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	31036	19.380	ug/l	97
22) Diisopropyl ether	3.764	45	112511	19.907	ug/l	94
23) Vinyl Acetate	3.721	43	465716	101.354	ug/l	100
24) 1,1-Dichloroethane	3.605	63	62059	19.699	ug/l	98
25) 2-Butanone	4.568	43	136992	100.277	ug/l	99
26) 2,2-Dichloropropane	4.471	77	51431	20.095	ug/l #	74
27) cis-1,2-Dichloroethene	4.477	96	39161	19.254	ug/l	99
28) Bromochloromethane	4.891	49	30977	20.052	ug/l	95
29) Tetrahydrofuran	5.013	42	86235	98.343	ug/l	99
30) Chloroform	5.093	83	68410	19.327	ug/l	97
31) Cyclohexane	5.458	56	51773	20.351	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	57900	19.706	ug/l	99
36) 1,1-Dichloropropene	5.690	75	42878	18.841	ug/l	99
37) Ethyl Acetate	4.727	43	56019	19.913	ug/l	99
38) Carbon Tetrachloride	5.672	117	43901	17.918	ug/l	92
39) Methylcyclohexane	7.379	83	53536	19.678	ug/l	97
40) Benzene	6.031	78	135467	19.606	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044221.D
Acq On : 11 Dec 2024 11:50
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Dec 12 04:14:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	28523	19.095	ug/l		94
42) 1,2-Dichloroethane	6.086	62	55377	19.456	ug/l		98
43) Isopropyl Acetate	6.342	43	84866	19.301	ug/l		100
44) Trichloroethene	7.123	130	32995	19.149	ug/l		96
45) 1,2-Dichloropropane	7.427	63	33585	19.025	ug/l		97
46) Dibromomethane	7.580	93	26293	19.199	ug/l		99
47) Bromodichloromethane	7.818	83	44312	18.735	ug/l		99
48) Methyl methacrylate	7.696	41	40620	19.032	ug/l		98
49) 1,4-Dioxane	7.671	88	9801	268.697	ug/l	#	71
51) 4-Methyl-2-Pentanone	8.574	43	278267	98.429	ug/l		100
52) Toluene	8.714	92	82934	19.113	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	44614	18.785	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	49596	19.258	ug/l		91
55) 1,1,2-Trichloroethane	9.147	97	34013	19.732	ug/l		98
56) Ethyl methacrylate	9.116	69	52571	19.318	ug/l		99
57) 1,3-Dichloropropane	9.305	76	59489	19.827	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.238	63	129900	94.642	ug/l		100
59) 2-Hexanone	9.433	43	207578	101.440	ug/l		99
60) Dibromochloromethane	9.519	129	31066	18.318	ug/l		97
61) 1,2-Dibromoethane	9.610	107	34978	19.935	ug/l		98
64) Tetrachloroethene	9.275	164	27702	19.133	ug/l		97
65) Chlorobenzene	10.079	112	90631	19.389	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.165	131	29132	19.392	ug/l		99
67) Ethyl Benzene	10.195	91	158455	19.619	ug/l		98
68) m/p-Xylenes	10.299	106	116126	39.183	ug/l		98
69) o-Xylene	10.640	106	59787	19.938	ug/l		99
70) Styrene	10.653	104	95883	19.946	ug/l		98
71) Bromoform	10.799	173	16924	18.112	ug/l	#	96
73) Isopropylbenzene	10.963	105	153935	20.481	ug/l		98
74) N-amyl acetate	10.842	43	69643	20.049	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.213	83	52312	20.039	ug/l		97
76) 1,2,3-Trichloropropane	11.238	75	55384	24.859	ug/l		86
77) Bromobenzene	11.195	156	34951	19.176	ug/l		98
78) n-propylbenzene	11.305	91	169622	20.419	ug/l		100
79) 2-Chlorotoluene	11.366	91	106310	19.788	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	126626	20.315	ug/l		97
81) trans-1,4-Dichloro-2-b...	11.018	75	11784	19.264	ug/l		90
82) 4-Chlorotoluene	11.451	91	118309	19.886	ug/l		100
83) tert-Butylbenzene	11.713	119	121929	19.794	ug/l		95
84) 1,2,4-Trimethylbenzene	11.750	105	125939	20.574	ug/l		99
85) sec-Butylbenzene	11.890	105	150795	20.165	ug/l		99
86) p-Isopropyltoluene	12.006	119	127790	20.532	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	64399	20.228	ug/l		98
88) 1,4-Dichlorobenzene	12.043	146	64106	19.588	ug/l		99
89) n-Butylbenzene	12.329	91	104410	19.950	ug/l		99
90) Hexachloroethane	12.536	117	15939	17.543	ug/l		95
91) 1,2-Dichlorobenzene	12.335	146	65511	19.817	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9468	18.683	ug/l		97
93) 1,2,4-Trichlorobenzene	13.591	180	35001	19.313	ug/l		99
94) Hexachlorobutadiene	13.725	225	14415	19.774	ug/l		97
95) Naphthalene	13.774	128	142515	20.146	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	38639	20.101	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044221.D
Acq On : 11 Dec 2024 11:50
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Dec 12 04:14:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

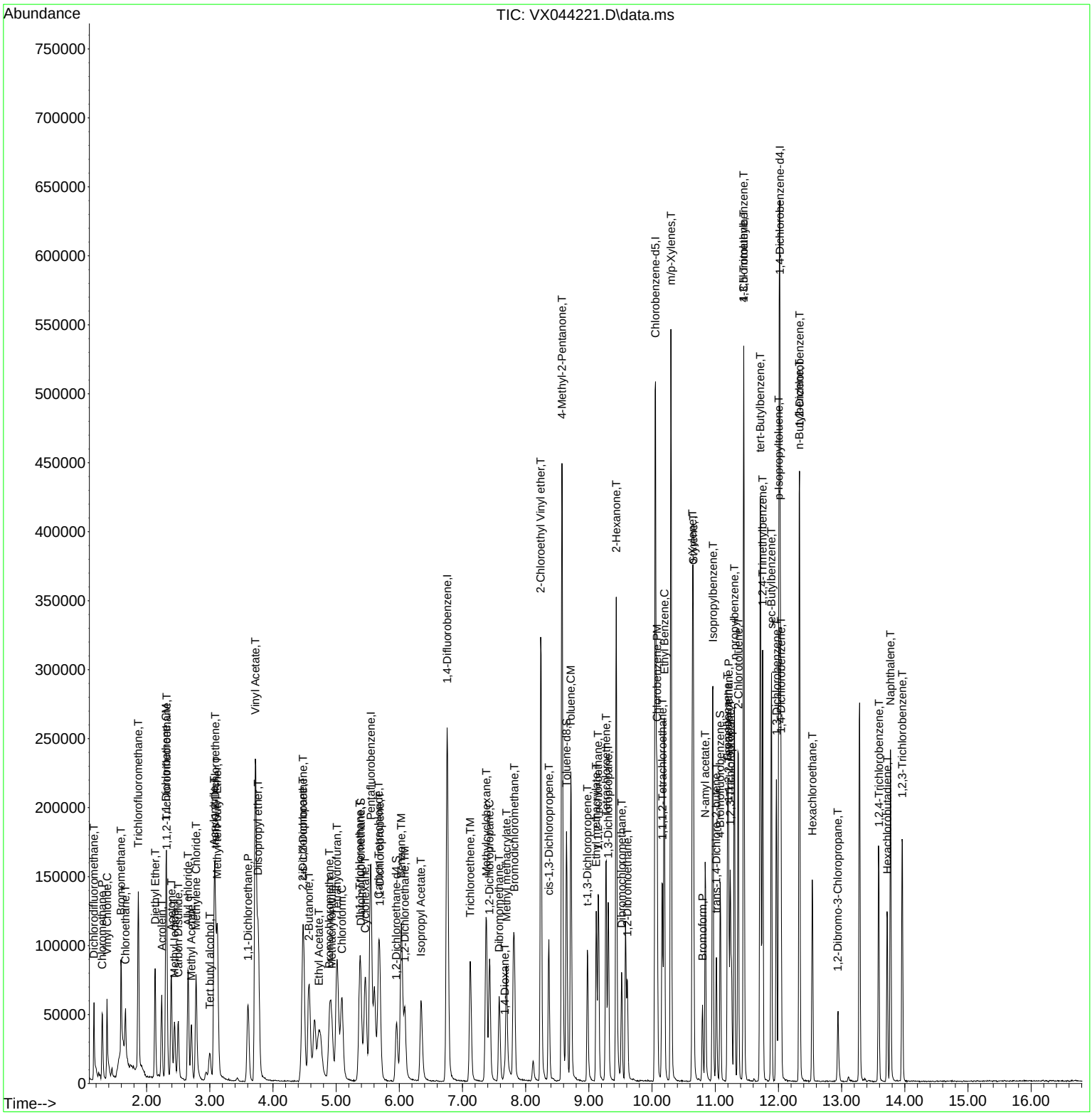
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

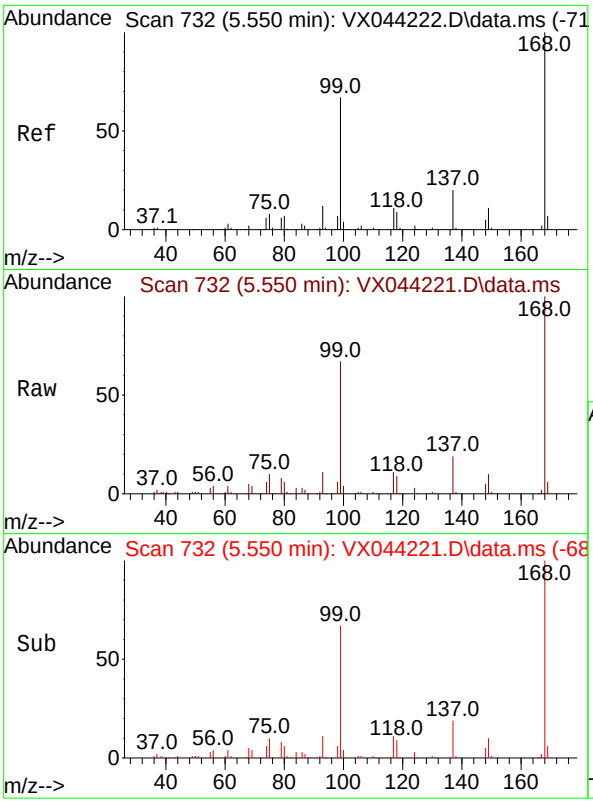
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044221.D
Acq On : 11 Dec 2024 11:50
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Dec 12 04:14:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration



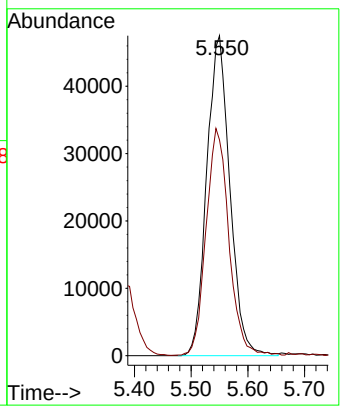


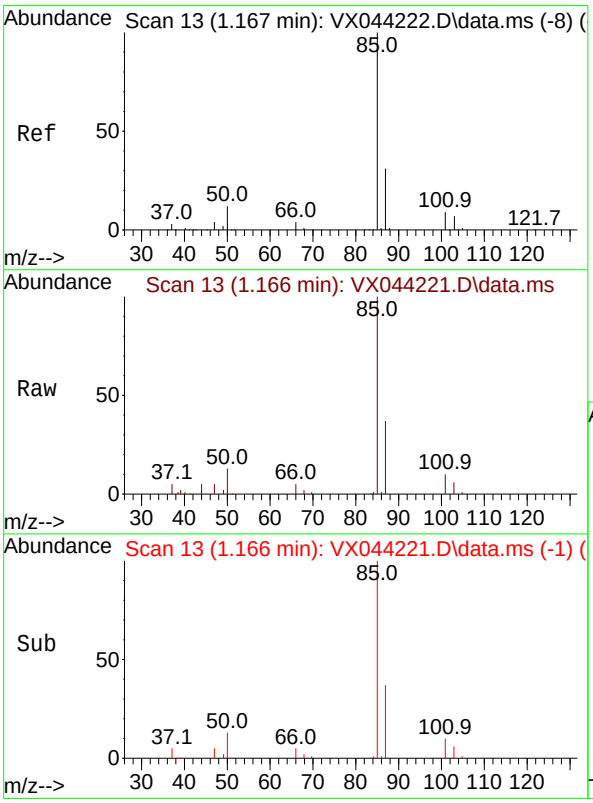
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:168 Resp: 134436

Ion	Ratio	Lower	Upper
168	100		
99	67.2	53.4	80.0

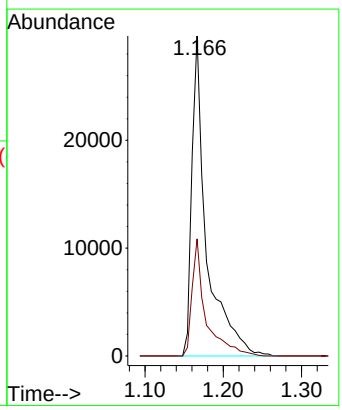


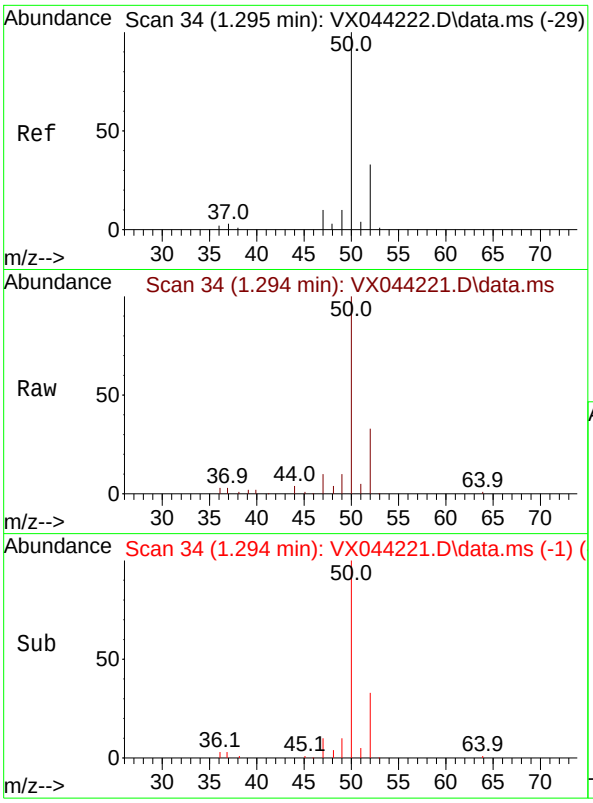


#2
Dichlorodifluoromethane
Concen: 18.640 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 85 Resp: 38748

Ion	Ratio	Lower	Upper
85	100		
87	36.6	15.4	46.4



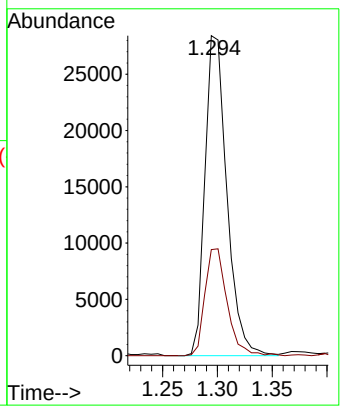


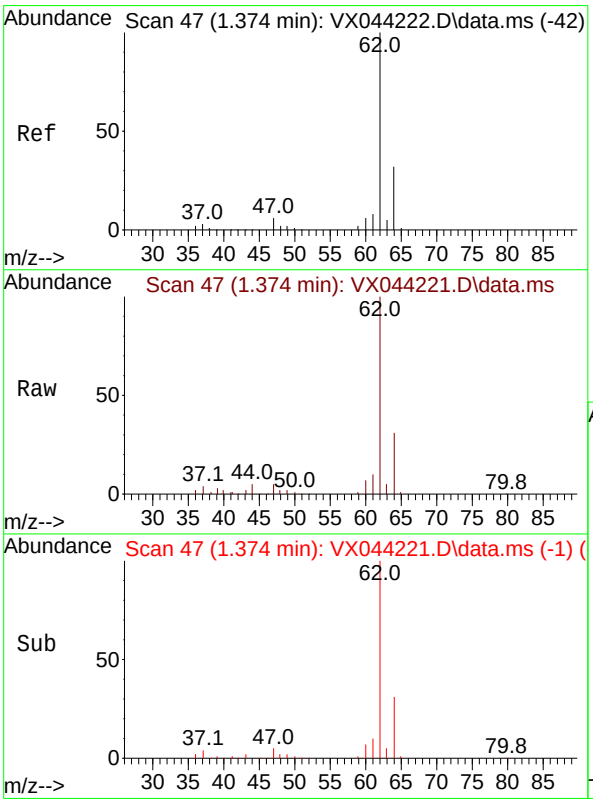
#3
Chloromethane
Concen: 19.894 ug/l
RT: 1.294 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 39546

Ion	Ratio	Lower	Upper
50	100		
52	33.2	26.5	39.7

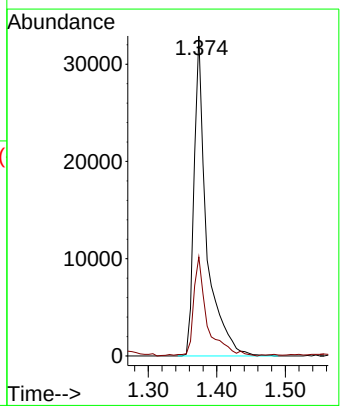


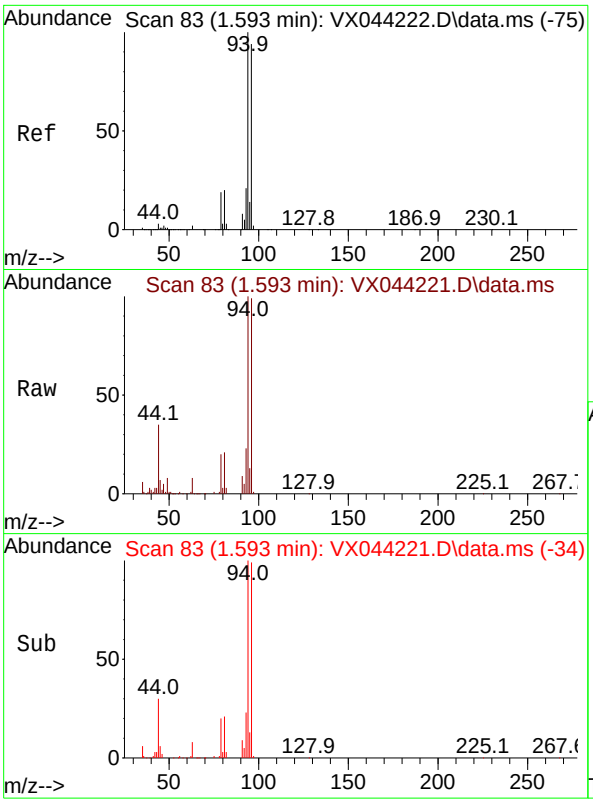


#4
Vinyl Chloride
Concen: 20.304 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 62 Resp: 42048

Ion	Ratio	Lower	Upper
62	100		
64	30.6	25.7	38.5



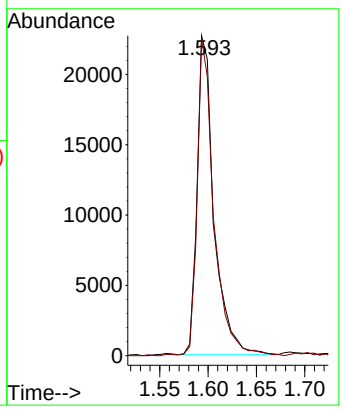


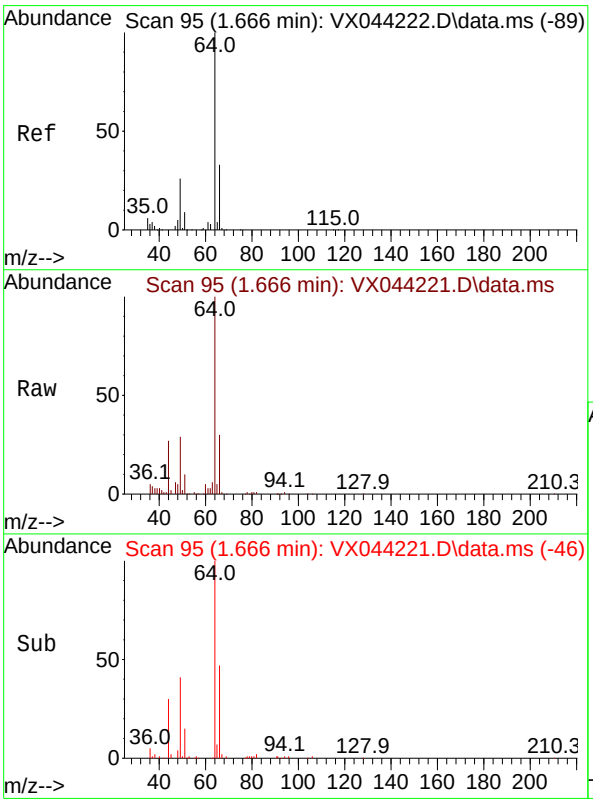
#5
Bromomethane
Concen: 18.789 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 27604

Ion	Ratio	Lower	Upper
94	100		
96	99.2	74.9	112.3

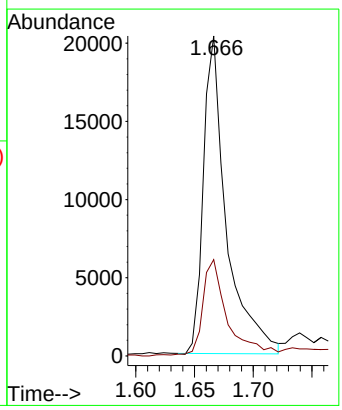


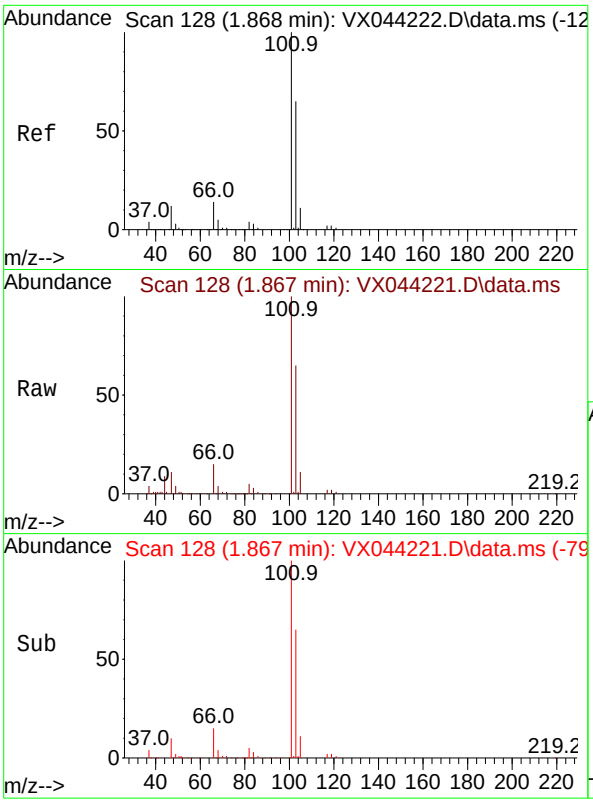


#6
Chloroethane
Concen: 21.460 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 64 Resp: 27673

Ion	Ratio	Lower	Upper
64	100		
66	29.8	26.6	39.8



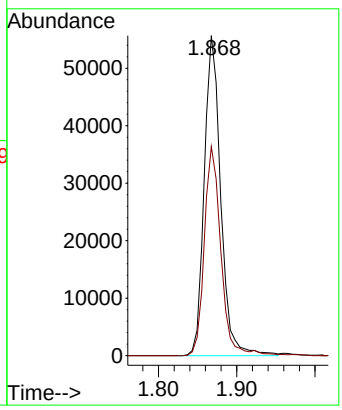


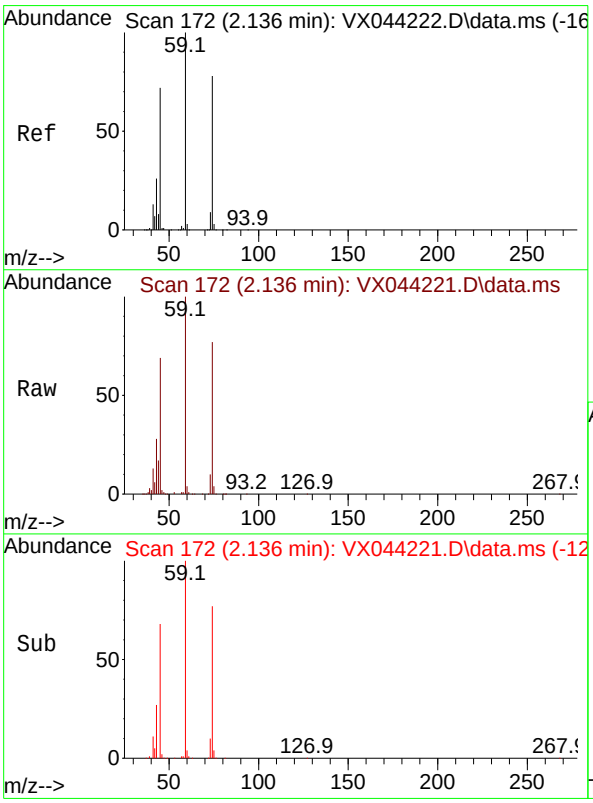
#7
Trichlorofluoromethane
Concen: 20.077 ug/l
RT: 1.867 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 81398

Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.8	77.8

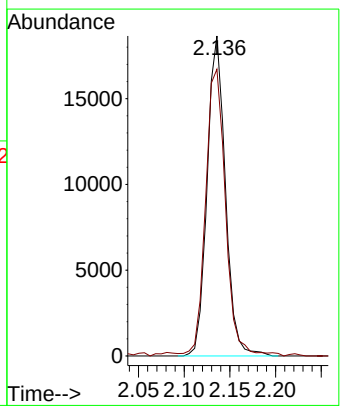


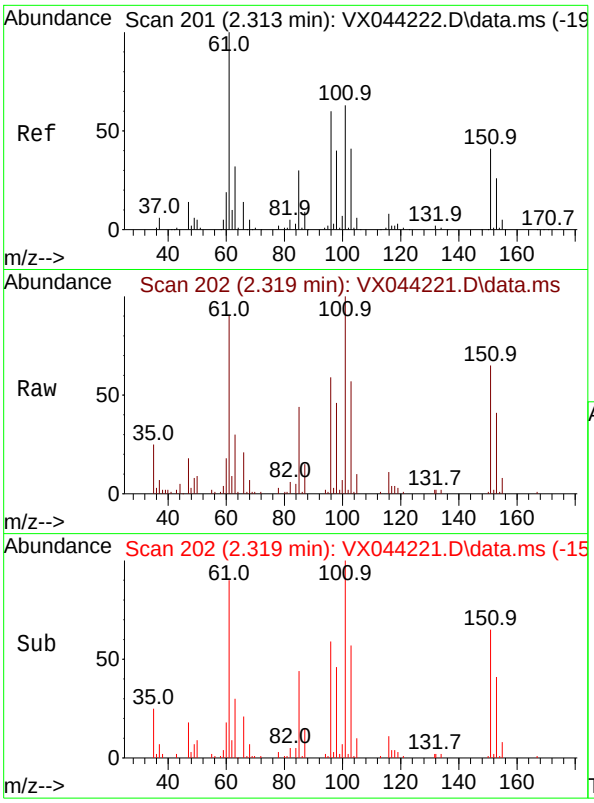


#8
Diethyl Ether
Concen: 18.704 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 74 Resp: 25884

Ion	Ratio	Lower	Upper
74	100		
45	97.8	48.4	145.0



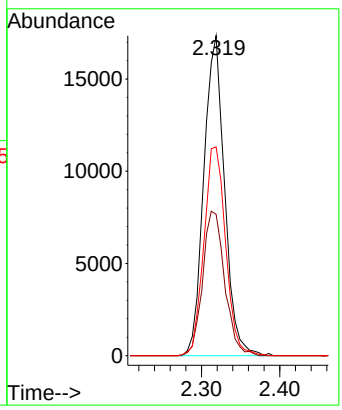


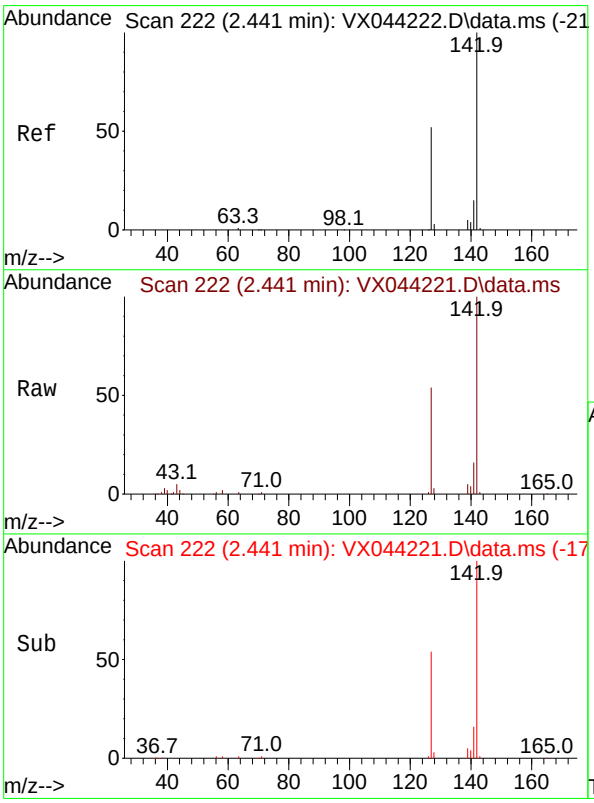
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.412 ug/l
RT: 2.319 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 31846

Ion	Ratio	Lower	Upper
101	100		
85	48.0	38.5	57.7
151	68.6	55.8	83.6

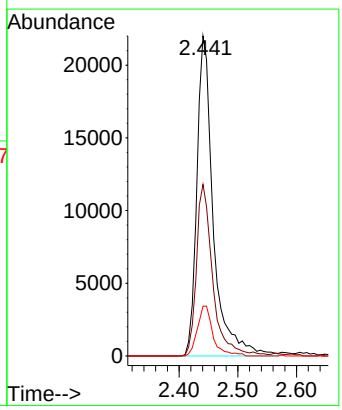


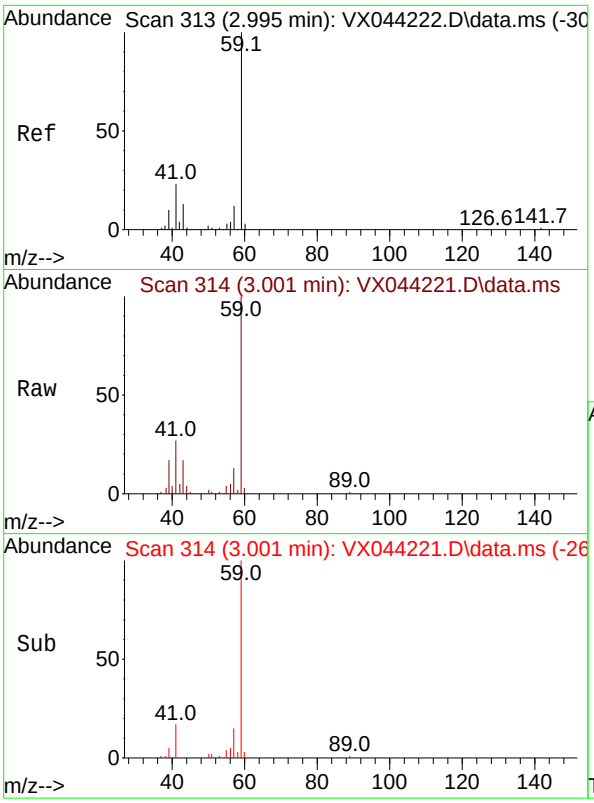


#10
Methyl Iodide
Concen: 19.788 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:142 Resp: 42786

Ion	Ratio	Lower	Upper
142	100		
127	52.9	41.8	62.8
141	14.8	11.5	17.3



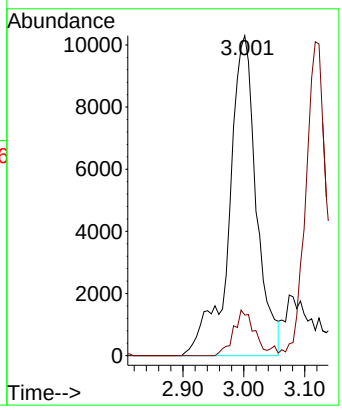


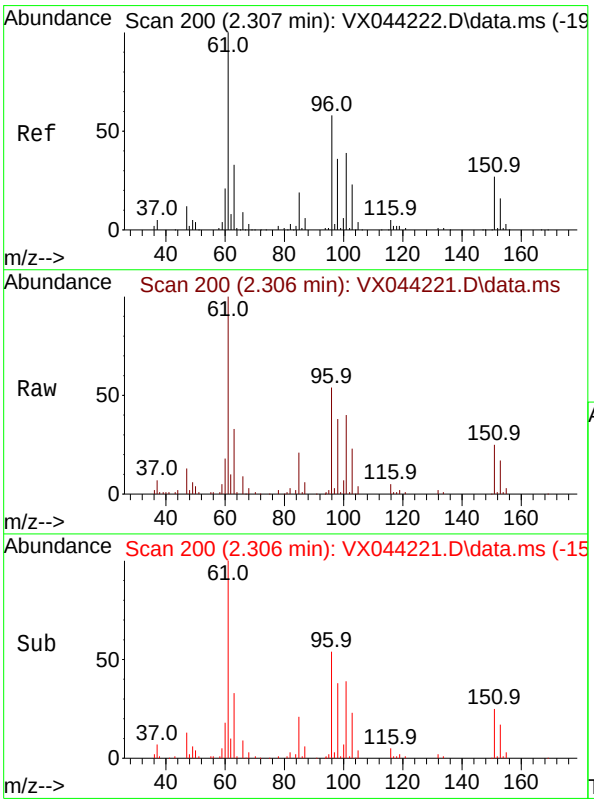
#11
Tert butyl alcohol
Concen: 97.050 ug/l
RT: 3.001 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 32189

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.8	13.2

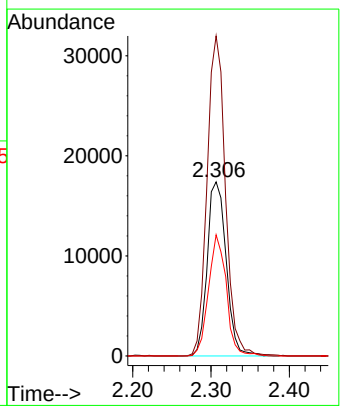


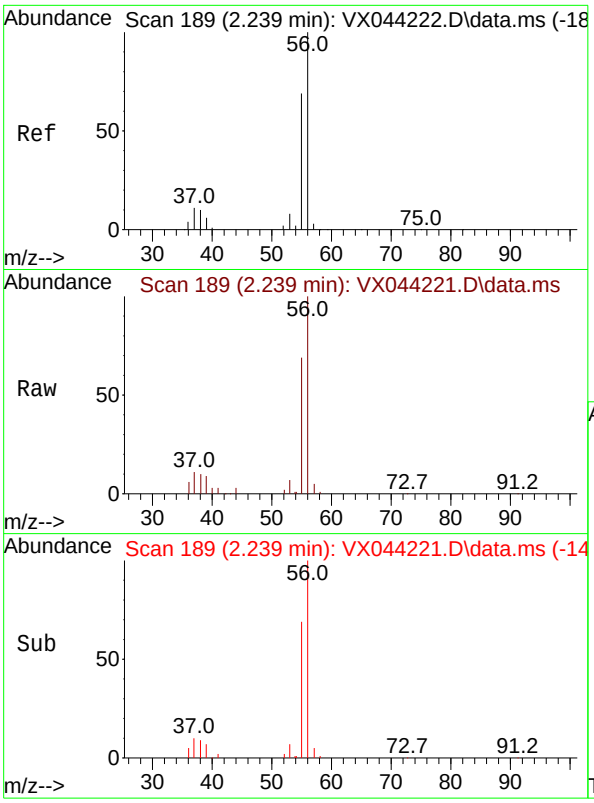


#12
1,1-Dichloroethene
Concen: 19.405 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 96 Resp: 29241

Ion	Ratio	Lower	Upper
96	100		
61	183.9	138.0	207.0
98	69.6	50.0	75.0



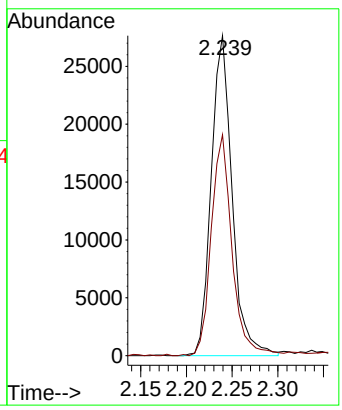


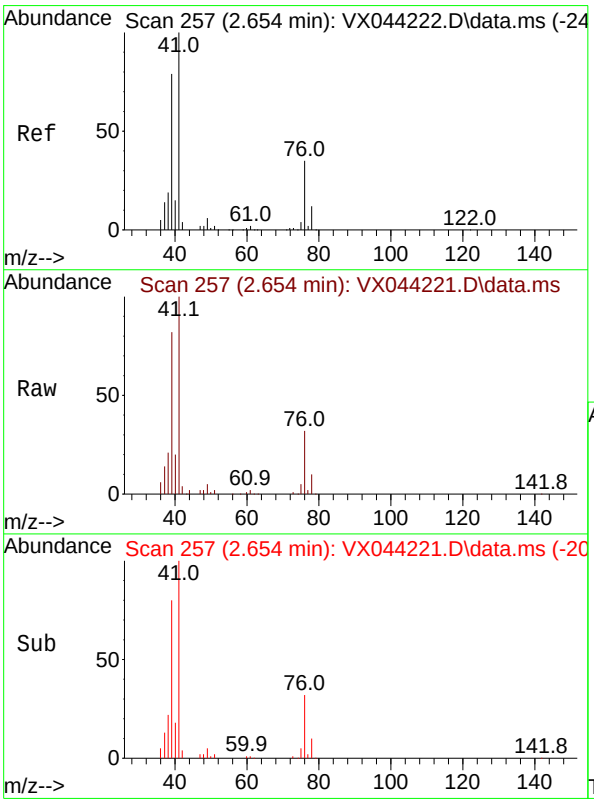
#13
Acrolein
Concen: 91.311 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 43909

Ion	Ratio	Lower	Upper
56	100		
55	68.6	56.6	84.8

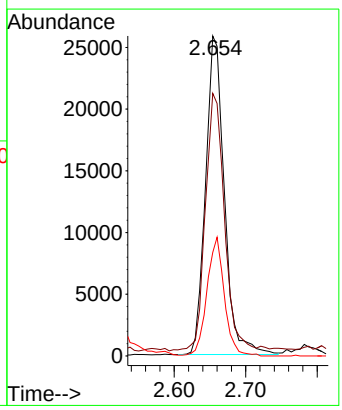


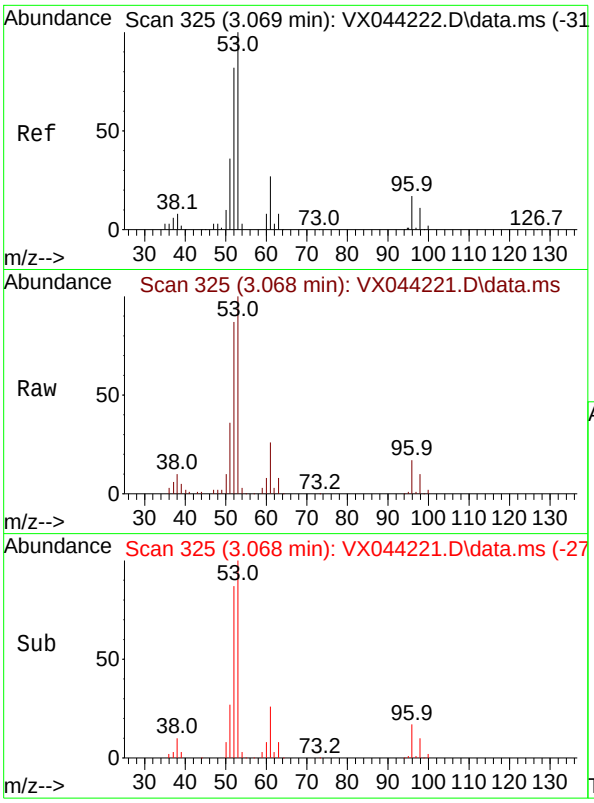


#14
Allyl chloride
Concen: 18.813 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 41 Resp: 47218

Ion	Ratio	Lower	Upper
41	100		
39	80.4	61.9	92.9
76	34.5	27.4	41.2



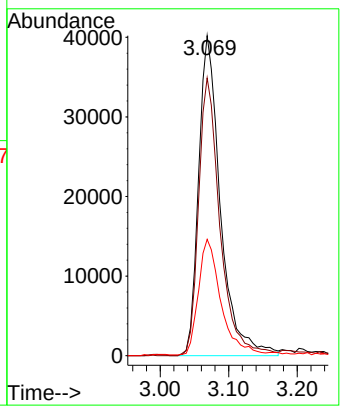


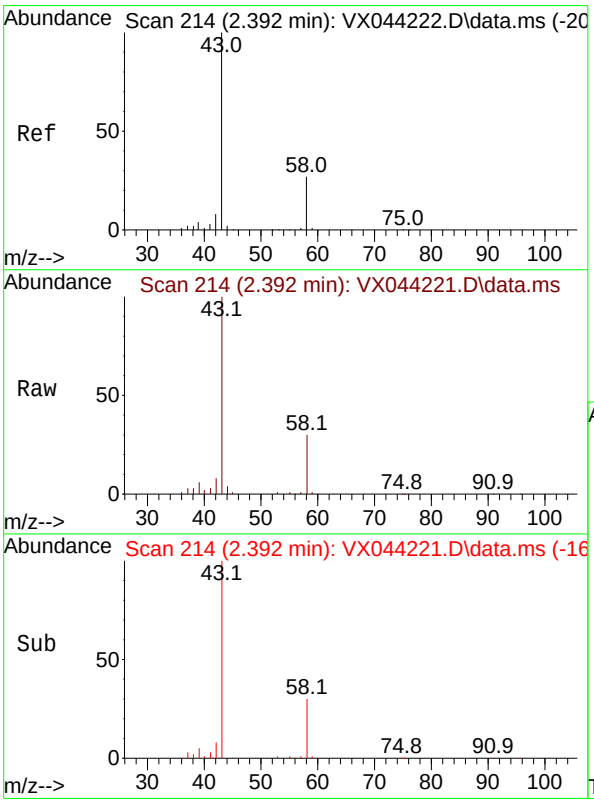
#15
Acrylonitrile
Concen: 96.988 ug/l
RT: 3.068 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 89249

Ion	Ratio	Lower	Upper
53	100		
52	85.1	67.4	101.0
51	37.1	30.3	45.5

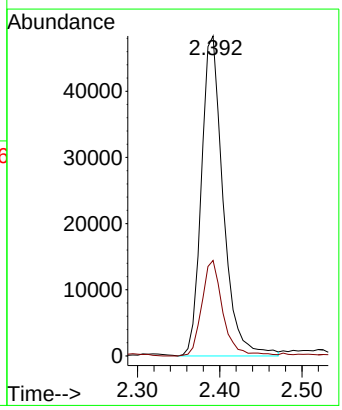


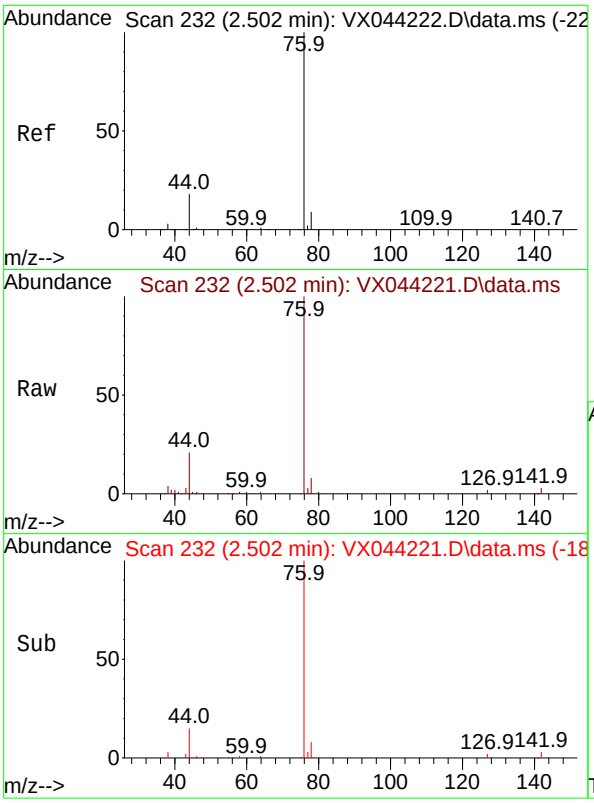


#16
Acetone
Concen: 92.601 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 43 Resp: 88985

Ion	Ratio	Lower	Upper
43	100		
58	29.8	21.6	32.4



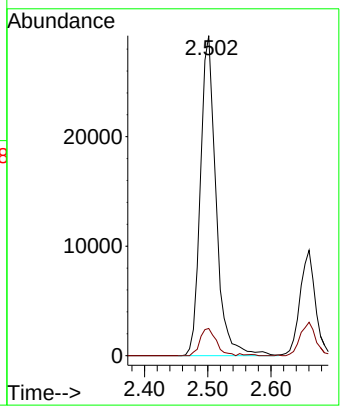


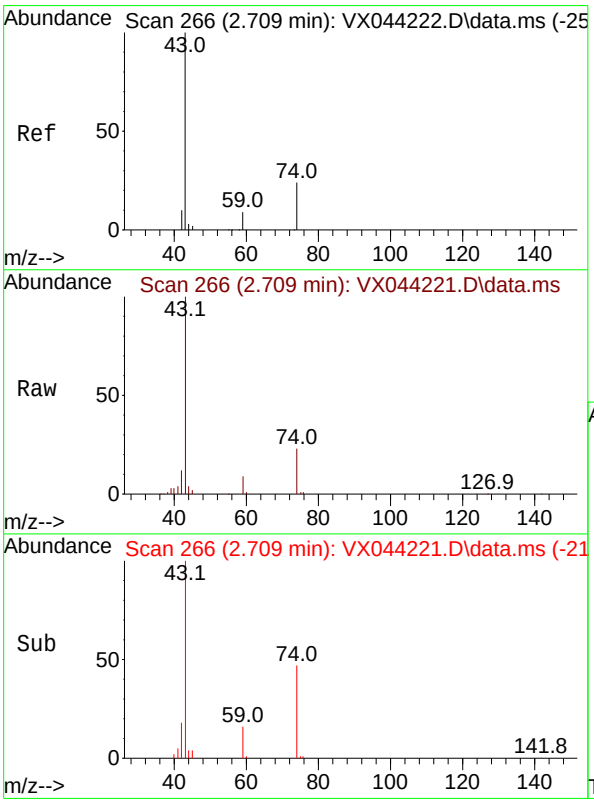
#17
Carbon Disulfide
Concen: 17.595 ug/l
RT: 2.502 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 50399

Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.4	11.0

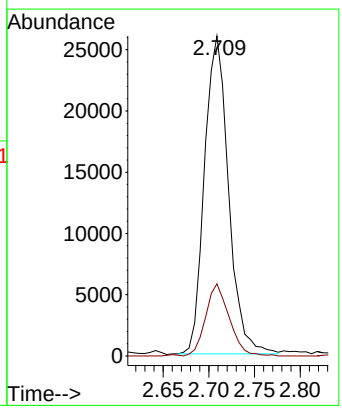


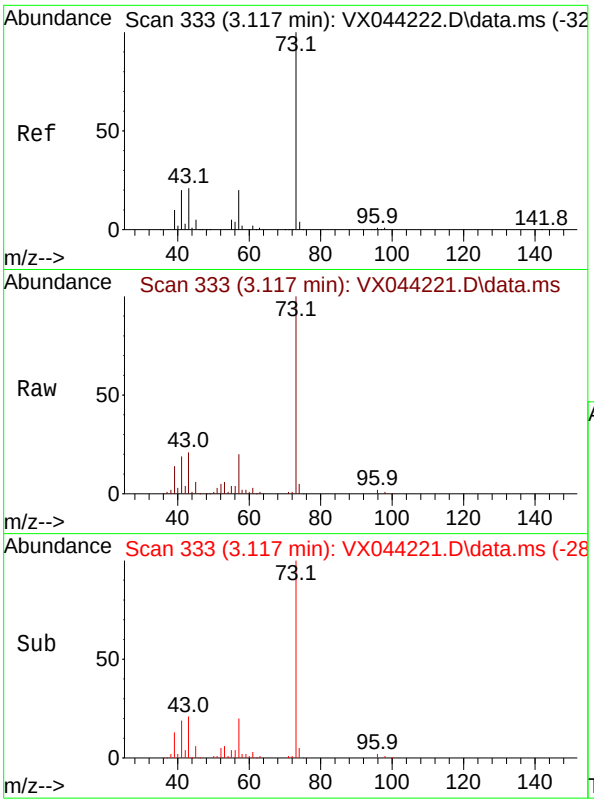


#18
Methyl Acetate
Concen: 19.175 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 43 Resp: 47509

Ion	Ratio	Lower	Upper
43	100		
74	22.2	17.7	26.5



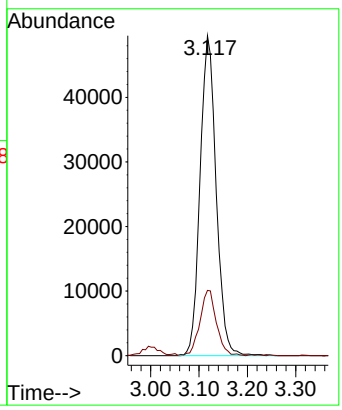


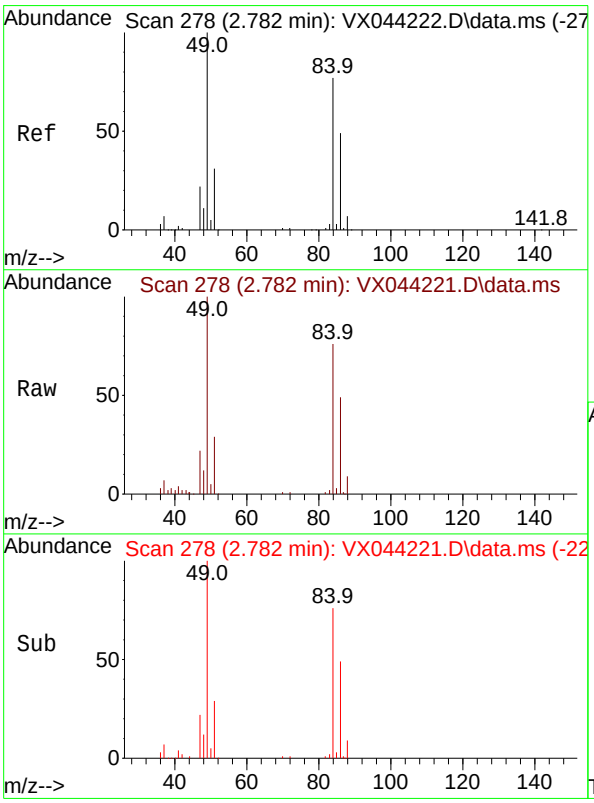
#19
Methyl tert-butyl Ether
Concen: 19.450 ug/l
RT: 3.117 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 114371

Ion	Ratio	Lower	Upper
73	100		
57	20.4	16.2	24.4

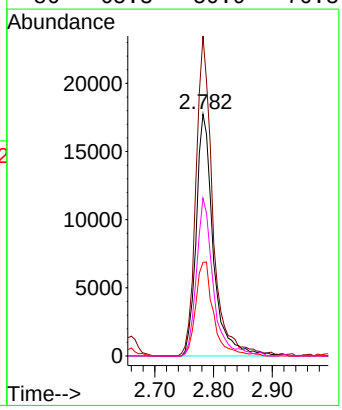


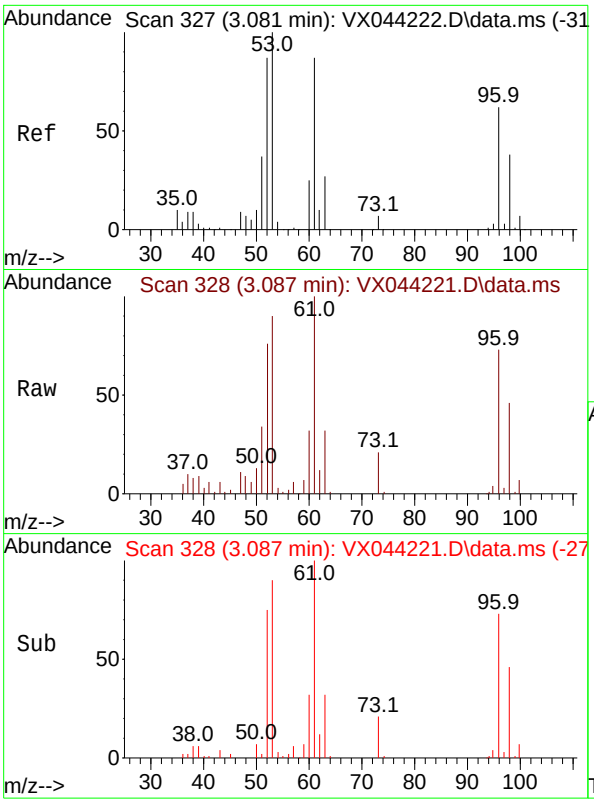


#20
Methylene Chloride
Concen: 19.846 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 84 Resp: 35820

Ion	Ratio	Lower	Upper
84	100		
49	132.3	104.2	156.4
51	38.7	32.2	48.4
86	65.3	50.9	76.3



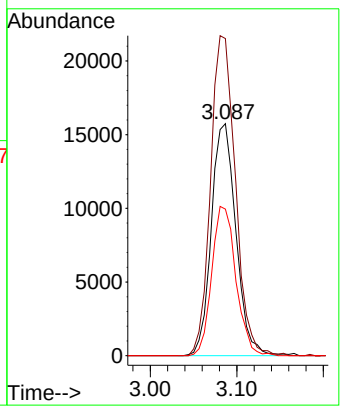


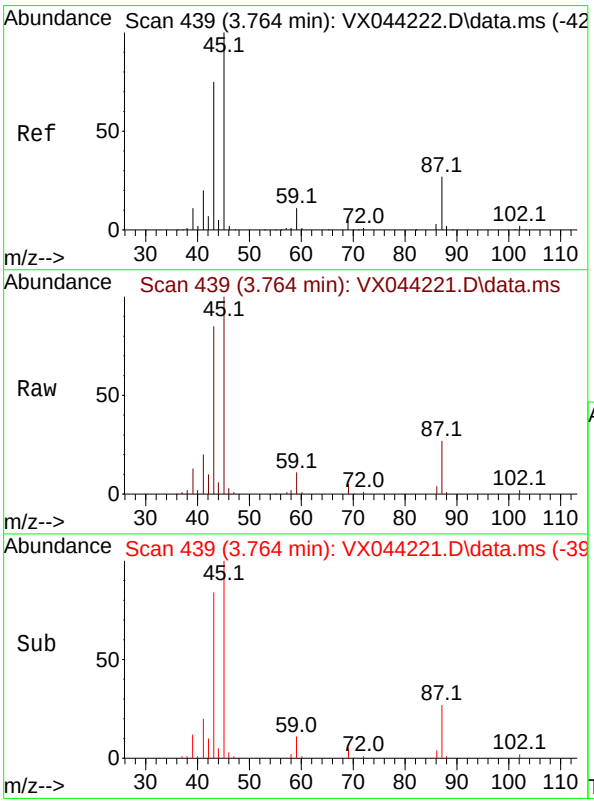
#21
trans-1,2-Dichloroethene
Concen: 19.380 ug/l
RT: 3.087 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 31036

Ion	Ratio	Lower	Upper
96	100		
61	136.8	112.0	168.0
98	63.2	48.8	73.2

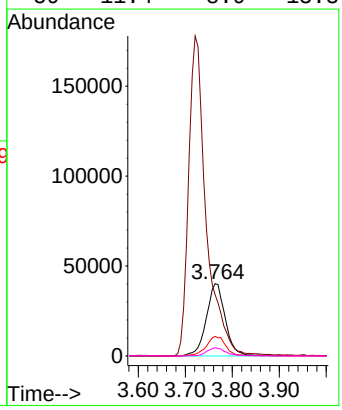


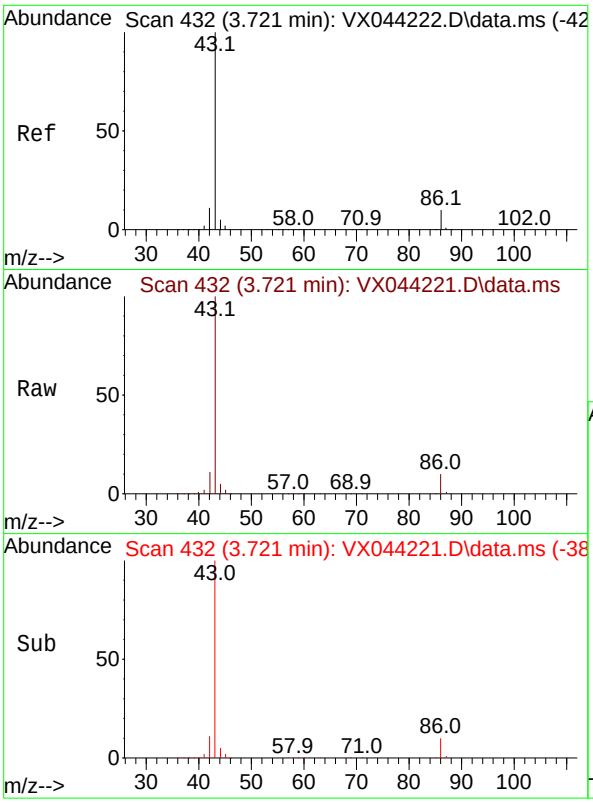


#22
Diisopropyl ether
Concen: 19.907 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 45 Resp: 112511

Ion	Ratio	Lower	Upper
45	100		
43	82.8	60.2	90.2
87	27.1	21.2	31.8
59	11.4	8.9	13.3



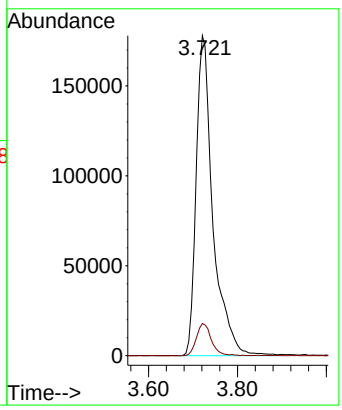


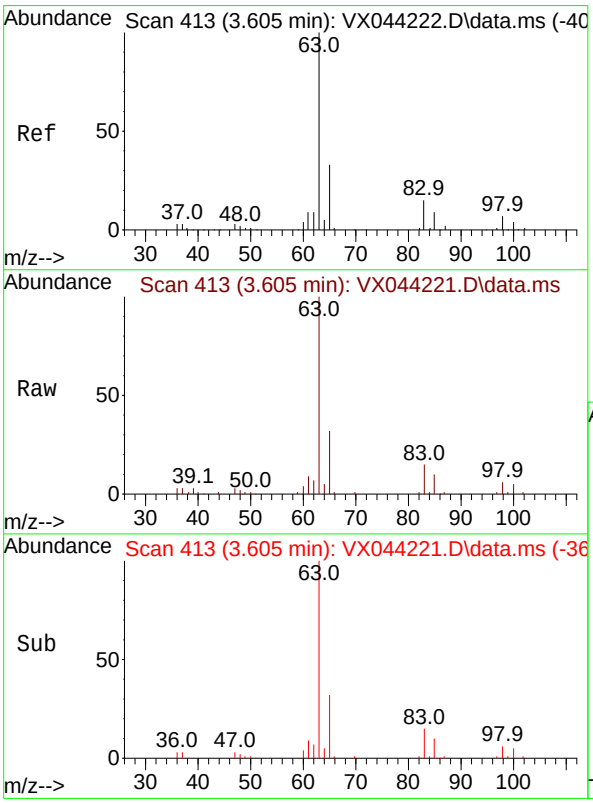
#23
Vinyl Acetate
Concen: 101.354 ug/l
RT: 3.721 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 465716

Ion	Ratio	Lower	Upper
43	100		
86	10.1	8.2	12.2

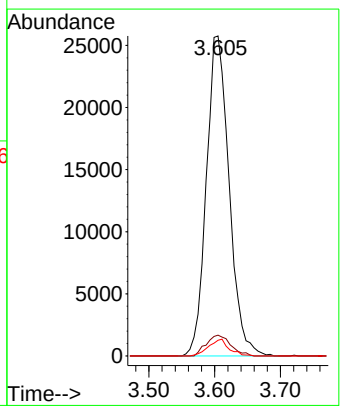


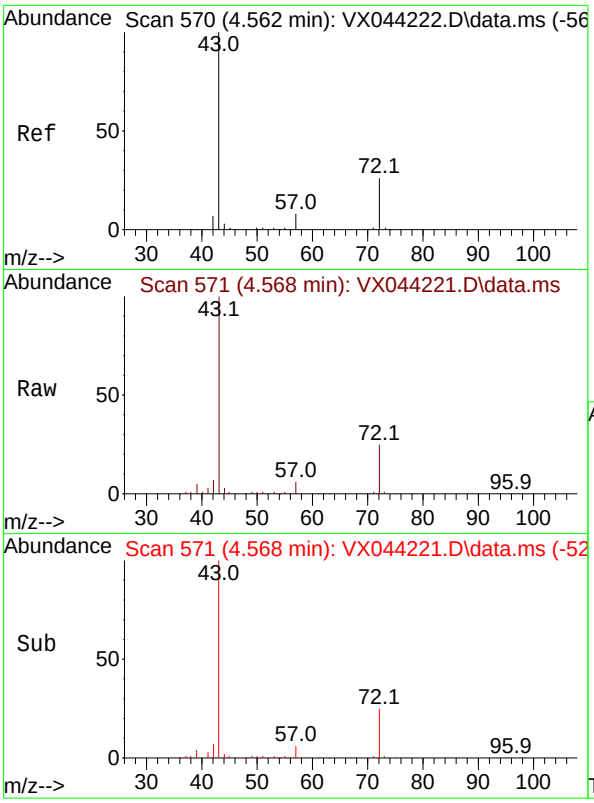


#24
1,1-Dichloroethane
Concen: 19.699 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 63 Resp: 62059

Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.6	10.8
100	4.9	2.1	6.3



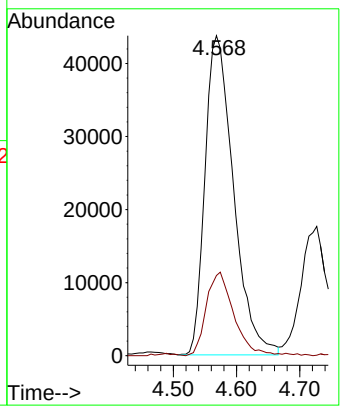


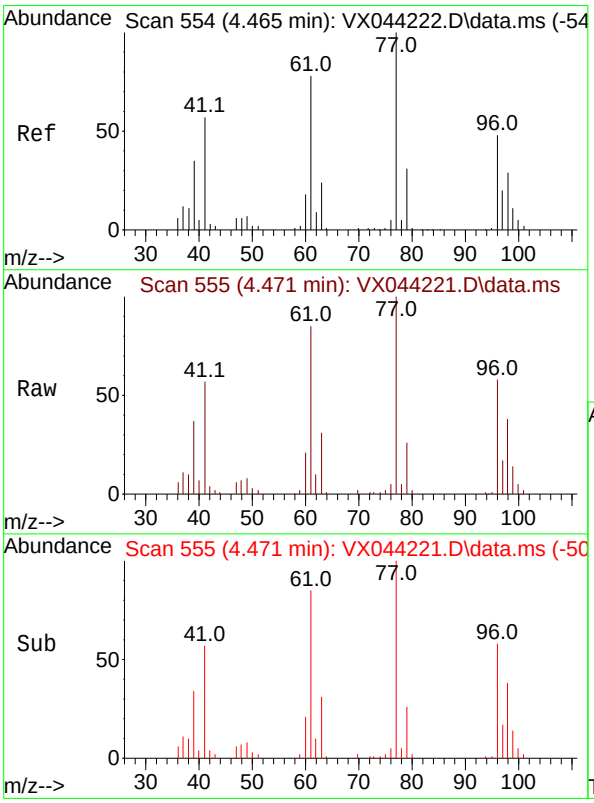
#25
2-Butanone
Concen: 100.277 ug/l
RT: 4.568 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 136992

Ion	Ratio	Lower	Upper
43	100		
72	24.8	20.2	30.4

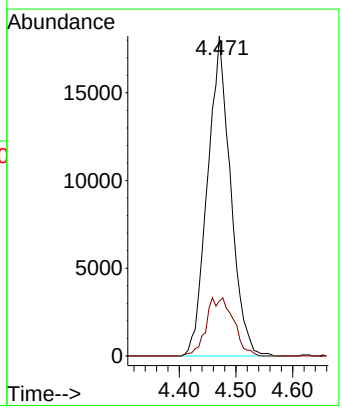


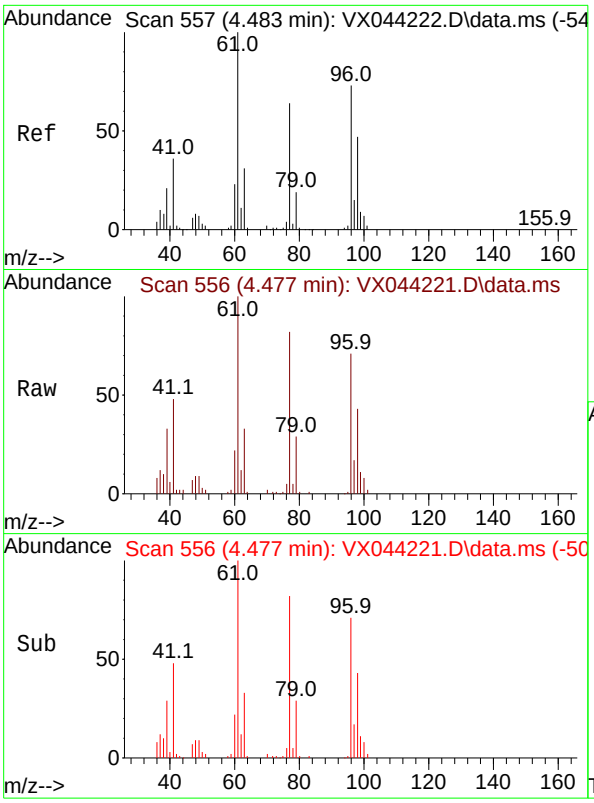


#26
2,2-Dichloropropane
Concen: 20.095 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 77 Resp: 51431

Ion	Ratio	Lower	Upper
77	100		
97	9.1	10.7	32.1#



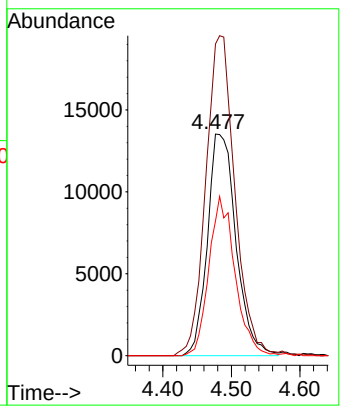


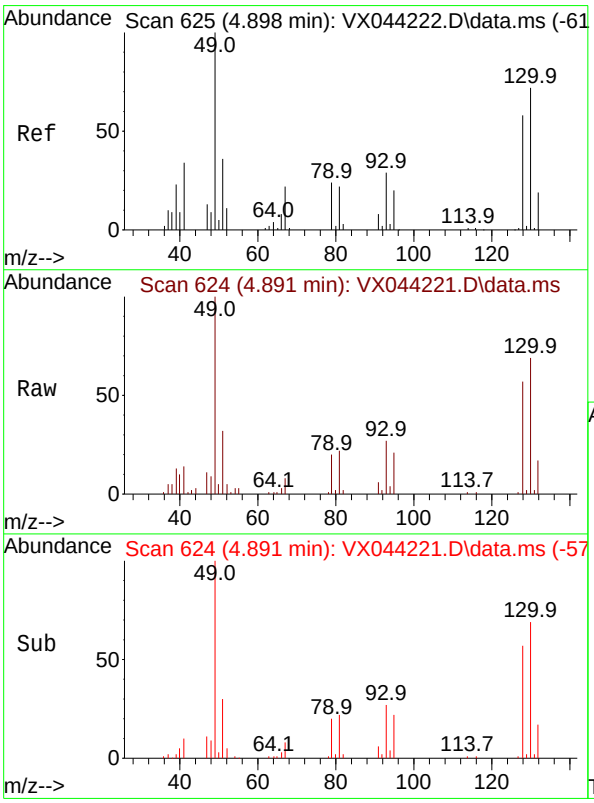
#27
cis-1,2-Dichloroethene
Concen: 19.254 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 39161

Ion	Ratio	Lower	Upper
96	100		
61	147.6	0.0	299.0
98	65.5	0.0	129.0

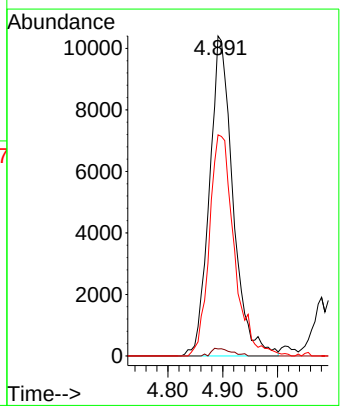


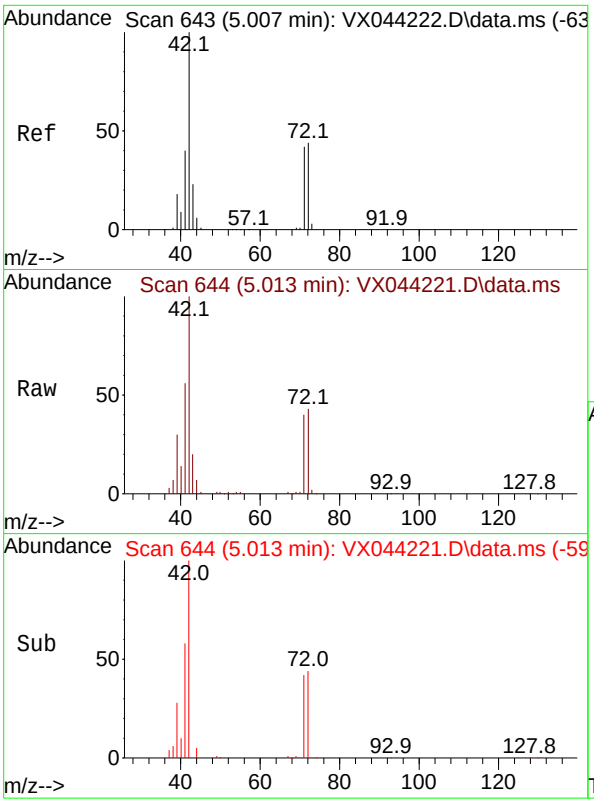


#28
Bromochloromethane
Concen: 20.052 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 49 Resp: 30977

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	73.1	62.1	93.1



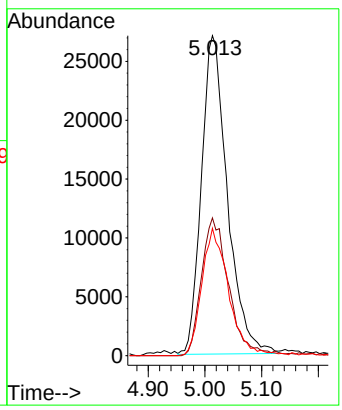


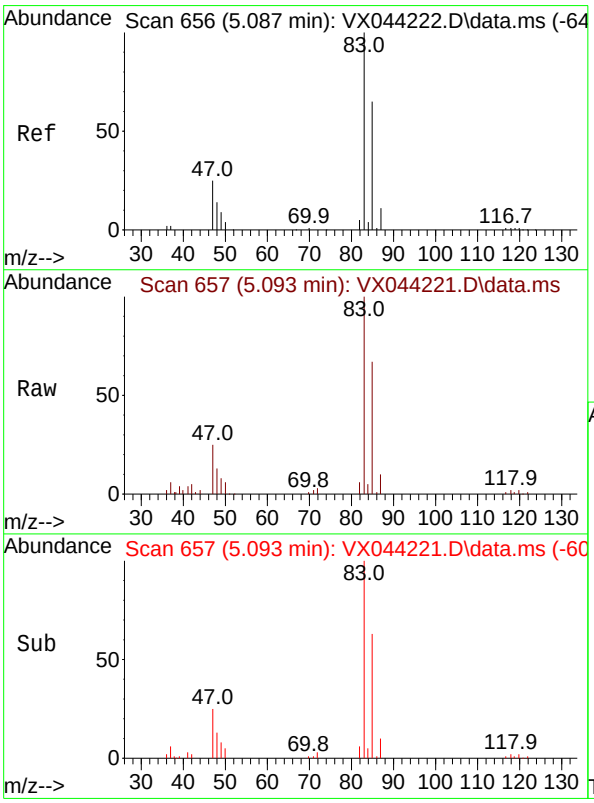
#29
Tetrahydrofuran
Concen: 98.343 ug/l
RT: 5.013 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 42 Resp: 86235

Ion	Ratio	Lower	Upper
42	100		
72	45.2	37.0	55.6
71	41.1	33.6	50.4

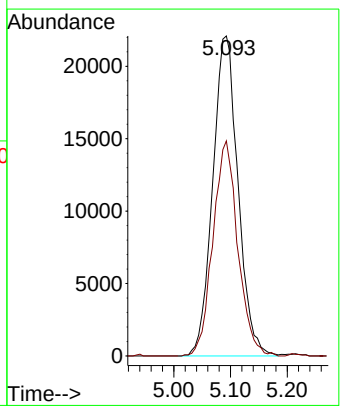


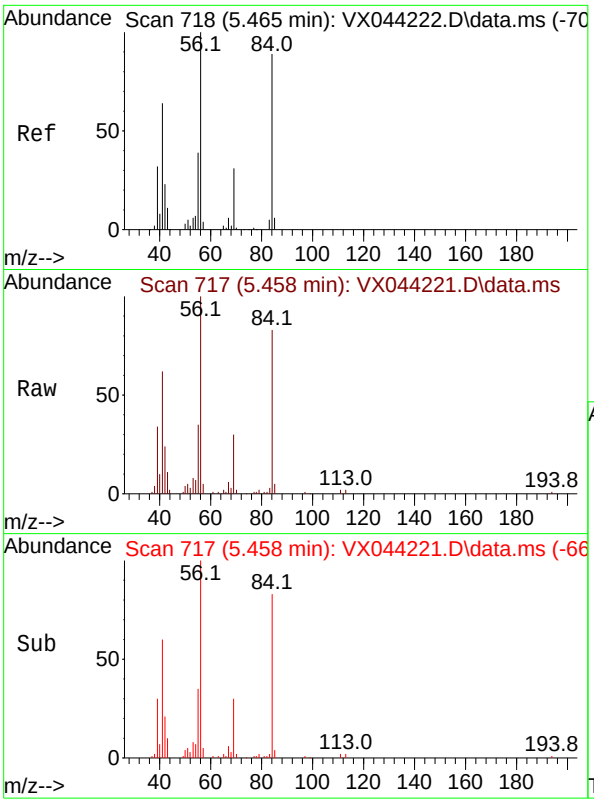


#30
Chloroform
Concen: 19.327 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 83 Resp: 68410

Ion	Ratio	Lower	Upper
83	100		
85	67.2	51.6	77.4



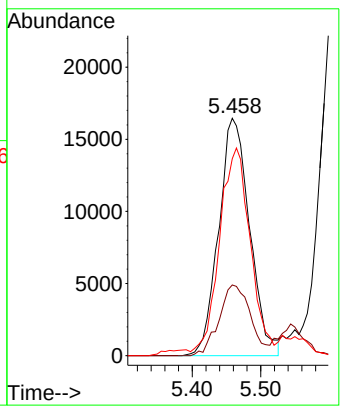


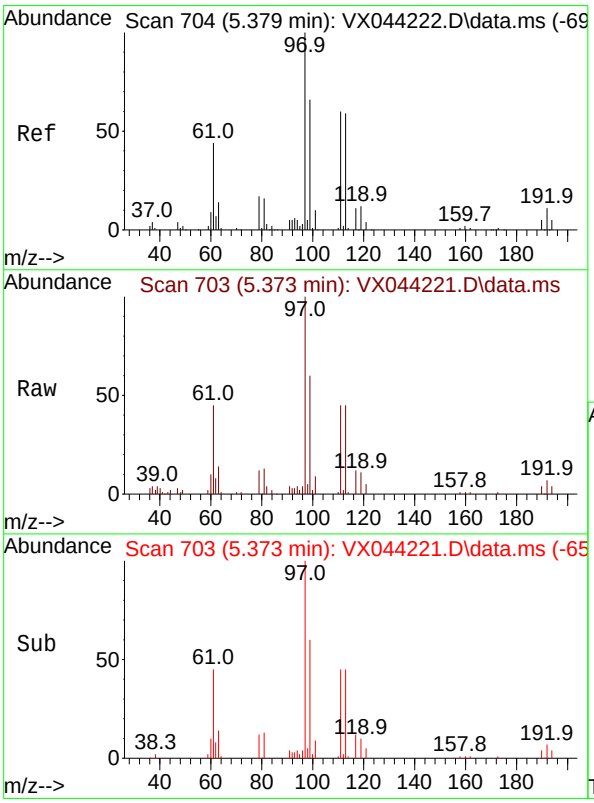
#31
Cyclohexane
Concen: 20.351 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 51773

Ion	Ratio	Lower	Upper
56	100		
69	29.8	24.7	37.1
84	80.7	71.0	106.6

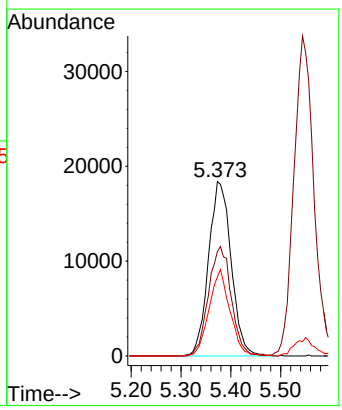


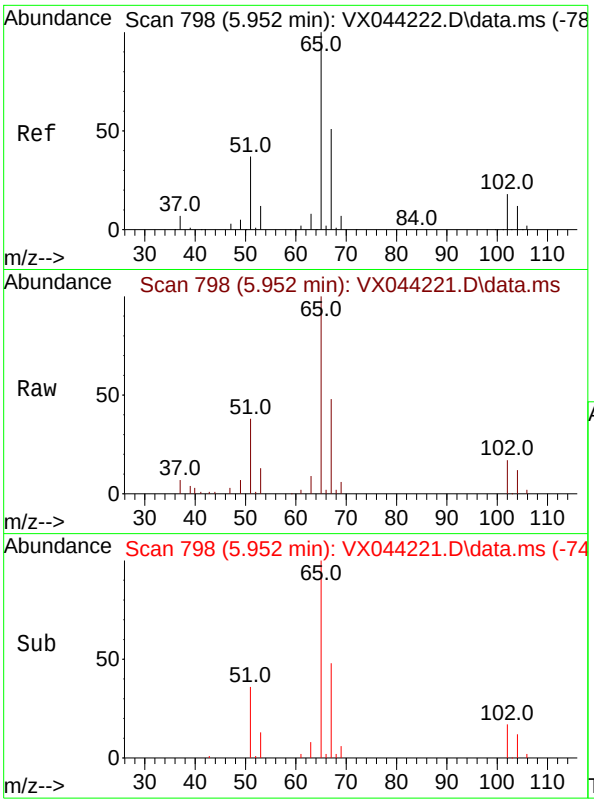


#32
1,1,1-Trichloroethane
Concen: 19.706 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 97 Resp: 57900

Ion	Ratio	Lower	Upper
97	100		
99	63.0	50.8	76.2
61	45.7	35.2	52.8



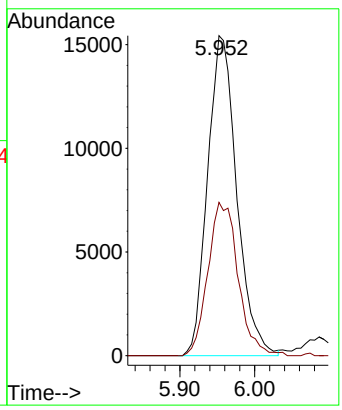


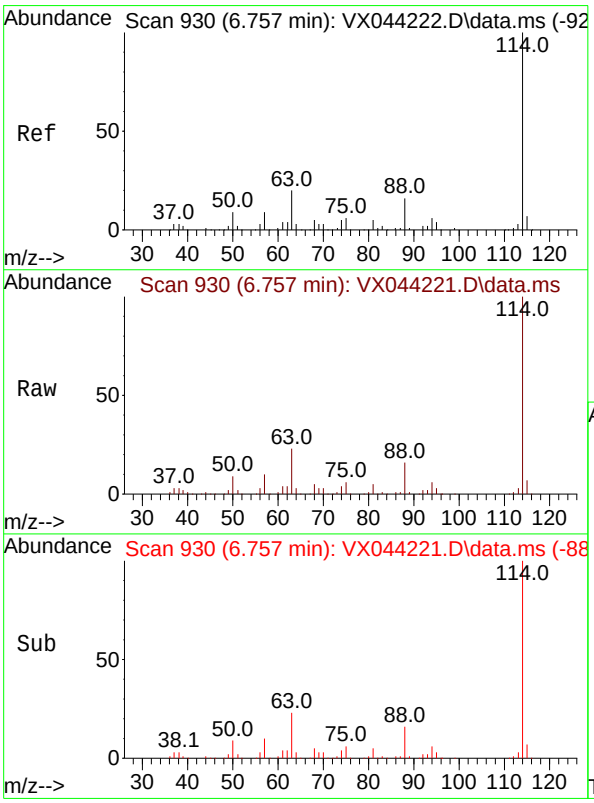
#33
1,2-Dichloroethane-d4
Concen: 17.743 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 65 Resp: 41821

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	101.6

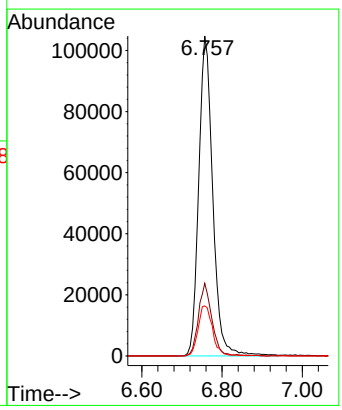


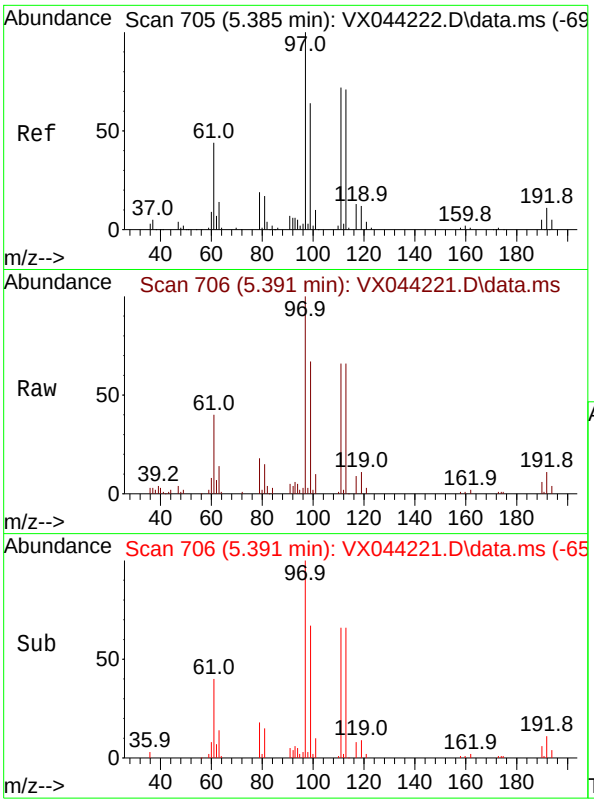


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:114 Resp: 254199

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	40.6
88	15.7	0.0	31.8



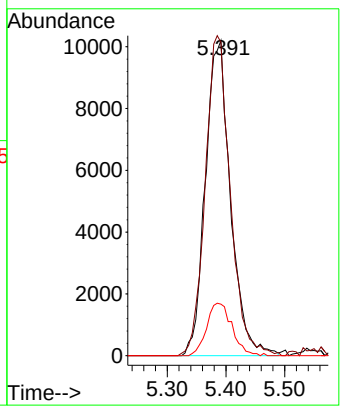


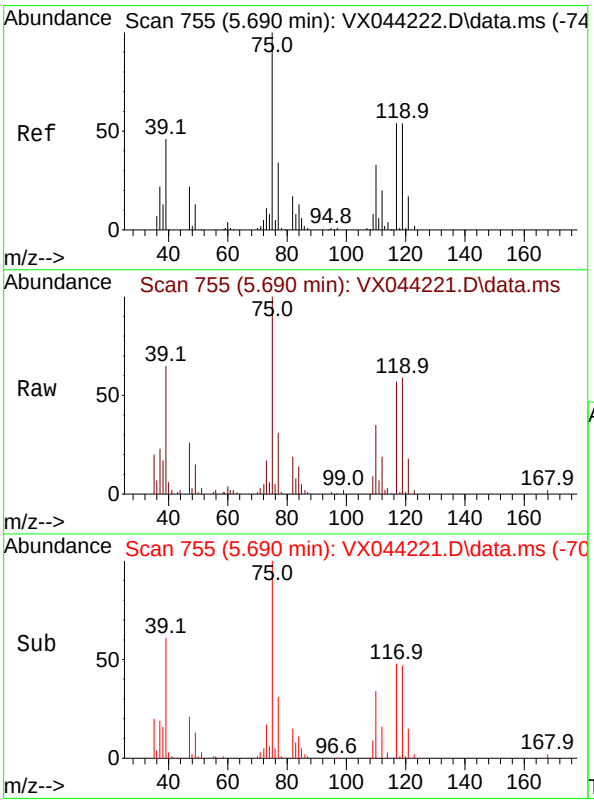
#35
Dibromofluoromethane
Concen: 17.213 ug/l
RT: 5.391 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:113 Resp: 30304

Ion	Ratio	Lower	Upper
113	100		
111	100.9	80.4	120.6
192	16.7	13.3	19.9

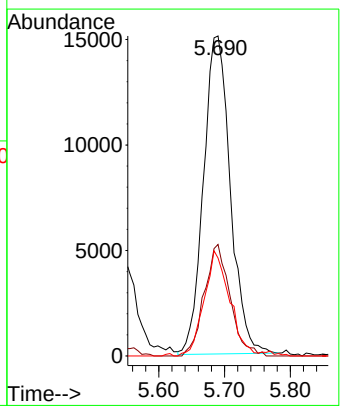


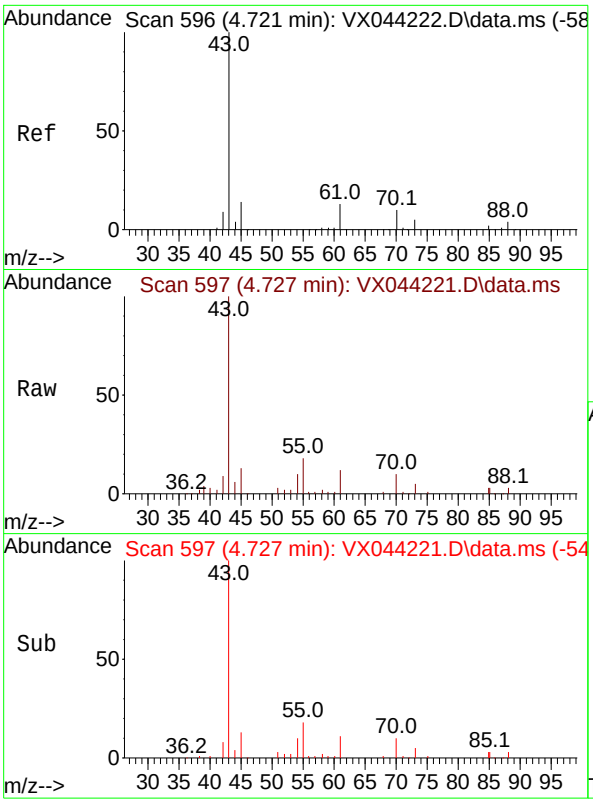


#36
1,1-Dichloropropene
Concen: 18.841 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 75 Resp: 42878

Ion	Ratio	Lower	Upper
75	100		
110	33.7	17.3	51.7
77	31.3	25.4	38.0



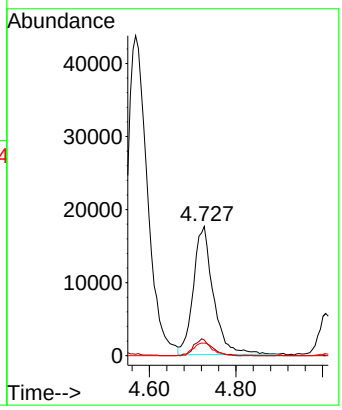


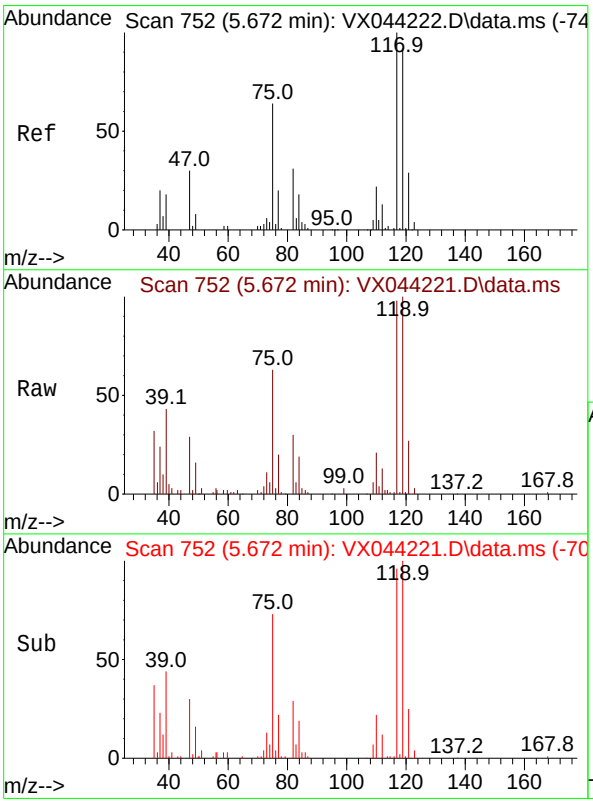
#37
Ethyl Acetate
Concen: 19.913 ug/l
RT: 4.727 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 56019

Ion	Ratio	Lower	Upper
43	100		
61	11.8	9.8	14.8
70	9.9	7.7	11.5

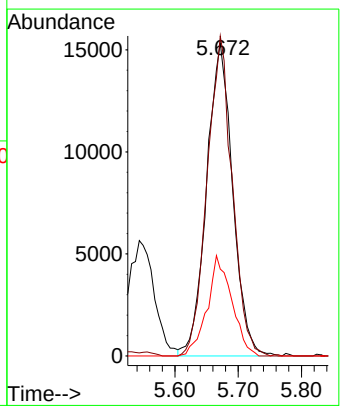


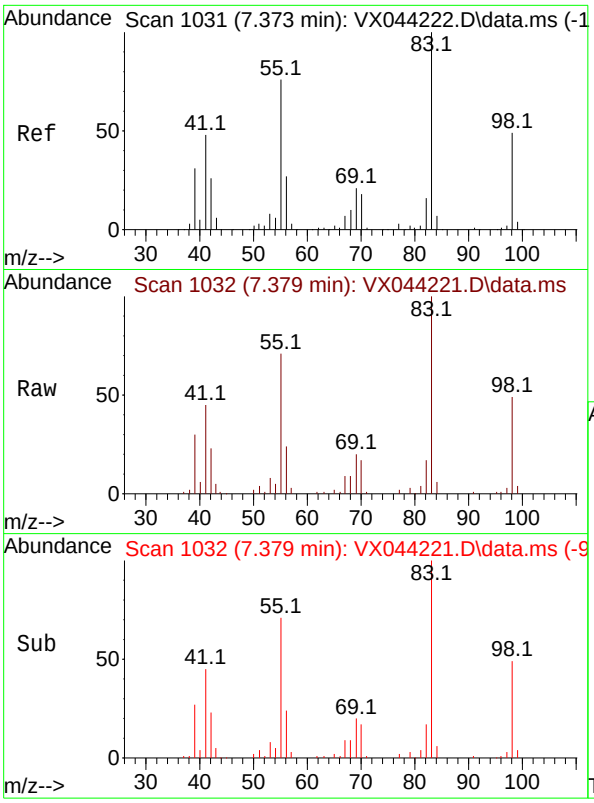


#38
Carbon Tetrachloride
Concen: 17.918 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:117 Resp: 43901

Ion	Ratio	Lower	Upper
117	100		
119	102.3	74.2	111.4
121	27.8	23.0	34.6



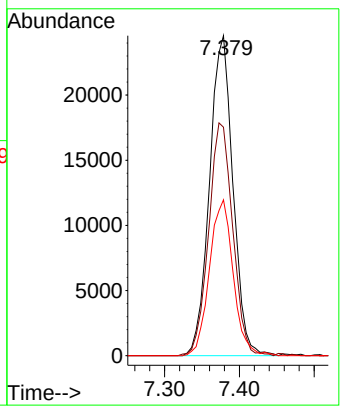


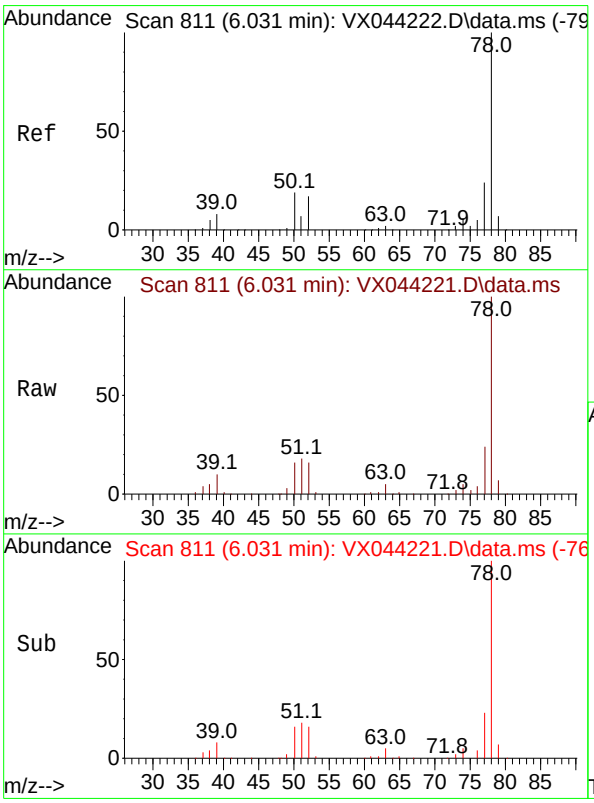
#39
Methylcyclohexane
Concen: 19.678 ug/l
RT: 7.379 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 53536

Ion	Ratio	Lower	Upper
83	100		
55	71.4	60.7	91.1
98	48.7	38.9	58.3

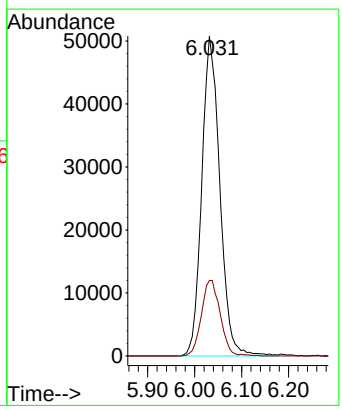


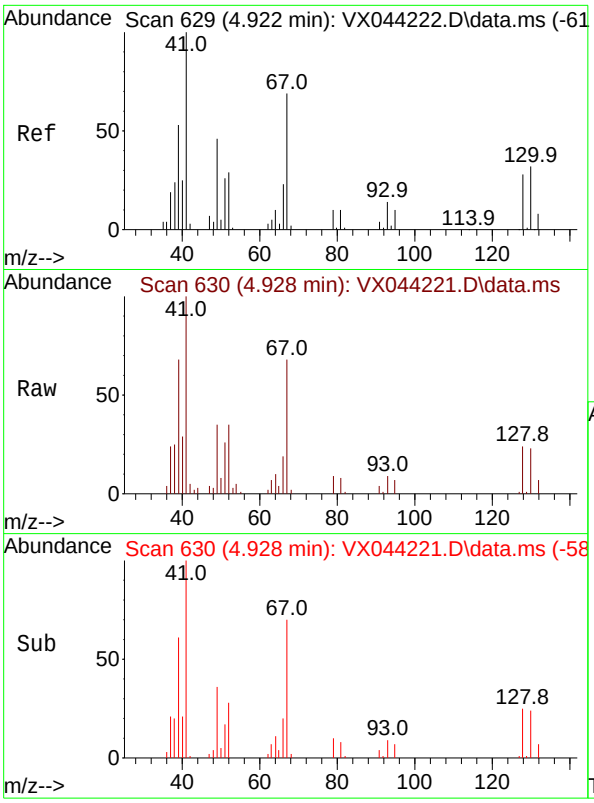


#40
Benzene
Concen: 19.606 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 78 Resp: 135467

Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.3	28.9



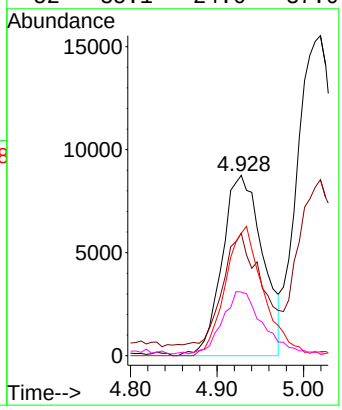


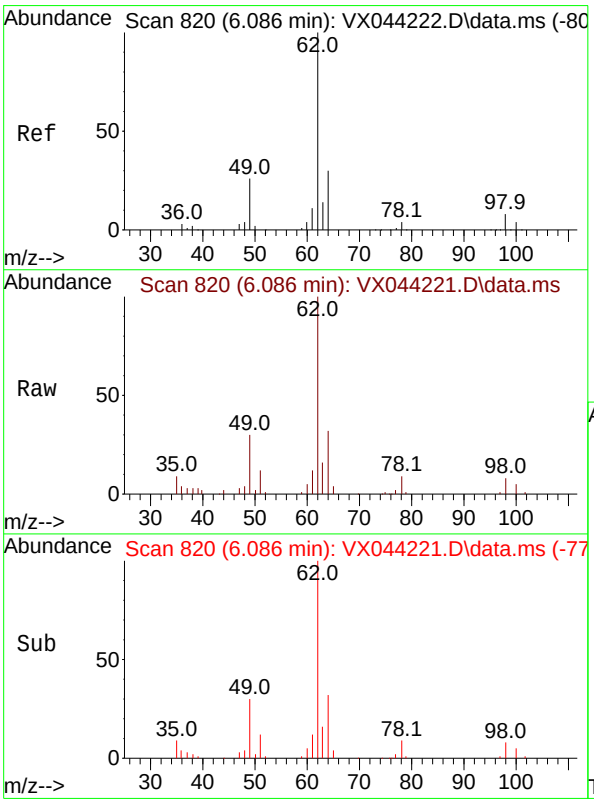
#41
Methacrylonitrile
Concen: 19.095 ug/l
RT: 4.928 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 28523

Ion	Ratio	Lower	Upper
41	100		
39	59.0	44.2	66.4
67	67.6	57.2	85.8
52	35.1	24.6	37.0

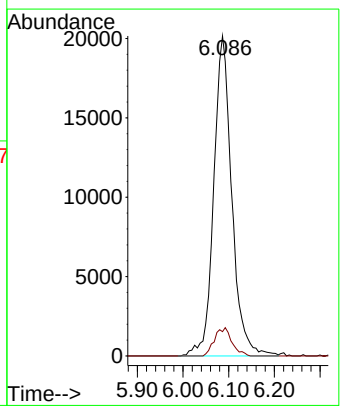


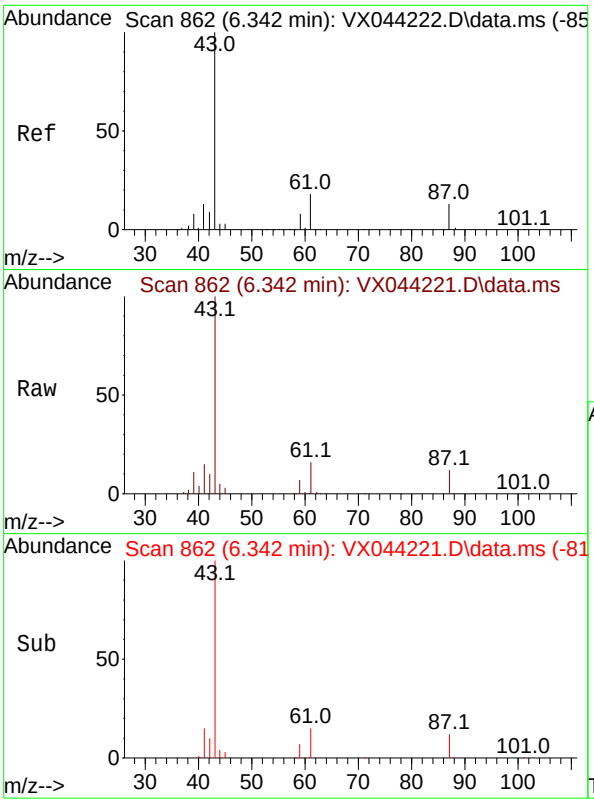


#42
1,2-Dichloroethane
Concen: 19.456 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 62 Resp: 55377

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	15.8



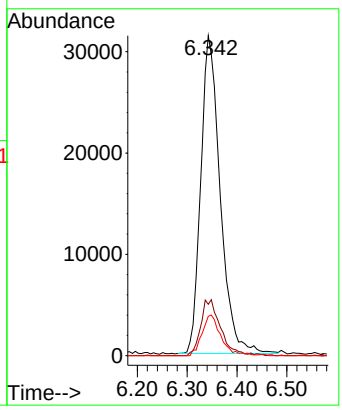


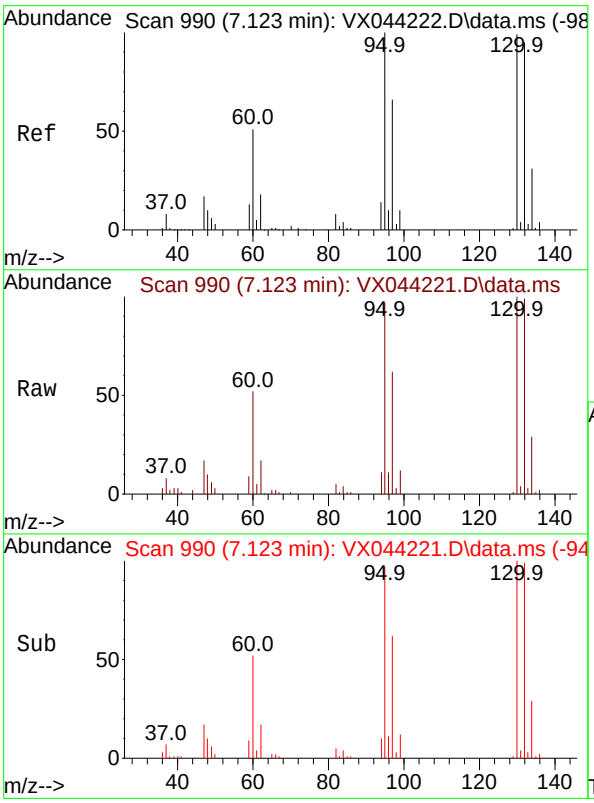
#43
Isopropyl Acetate
Concen: 19.301 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 84866

Ion	Ratio	Lower	Upper
43	100		
61	17.7	14.2	21.2
87	12.5	10.2	15.2

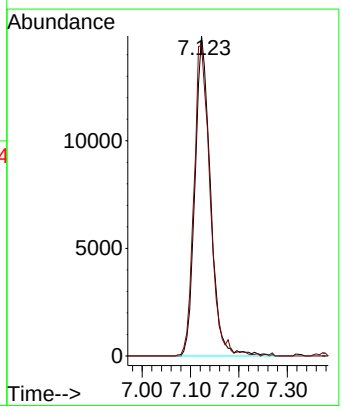


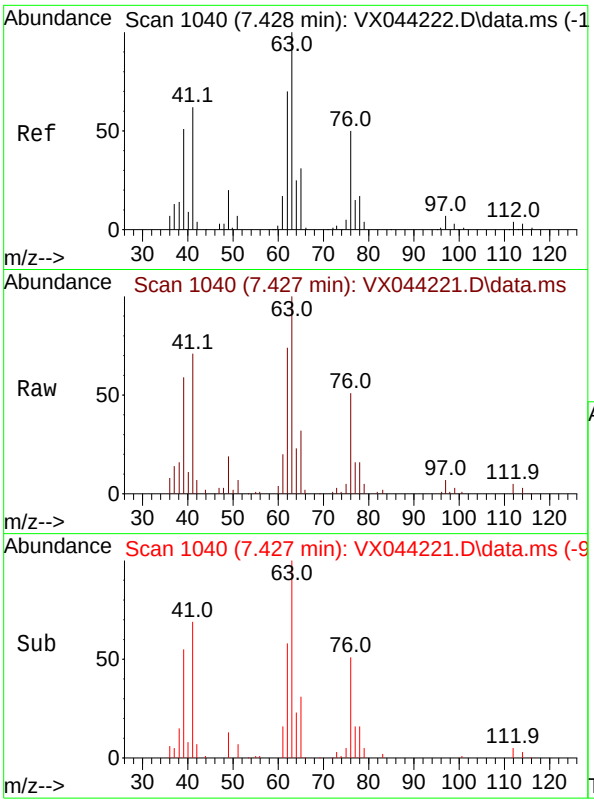


#44
Trichloroethene
Concen: 19.149 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:130 Resp: 32995

Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	201.4



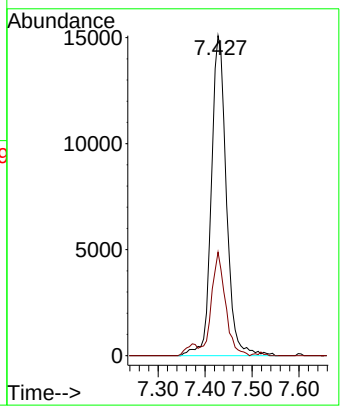


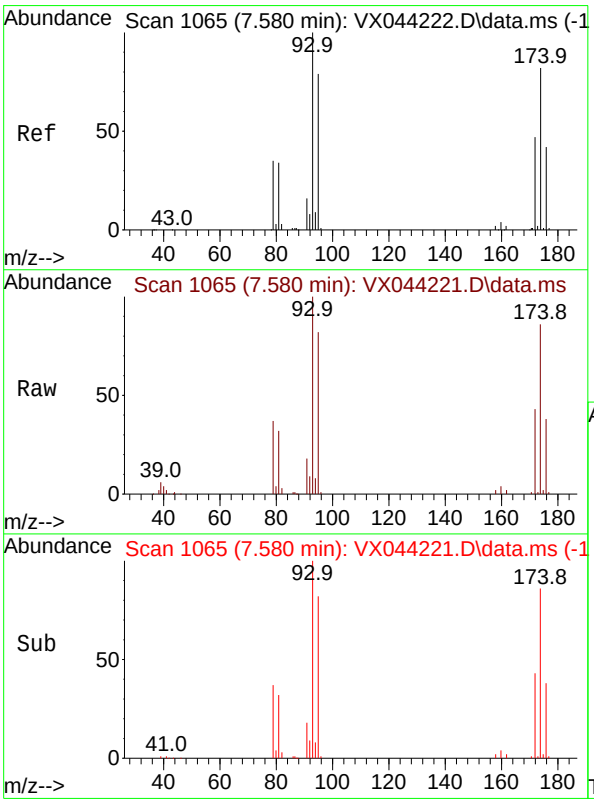
#45
1,2-Dichloropropane
Concen: 19.025 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 33585

Ion	Ratio	Lower	Upper
63	100		
65	32.4	24.6	37.0

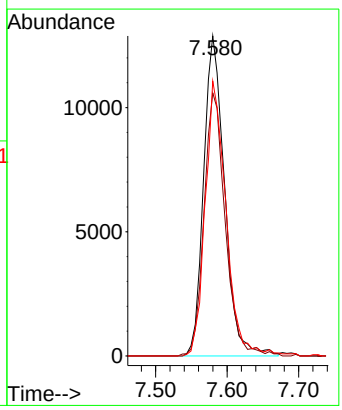


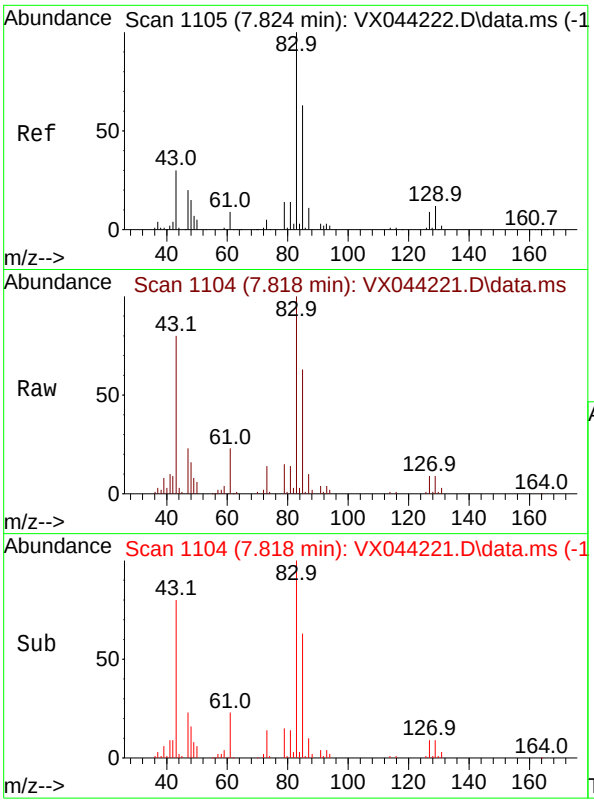


#46
Dibromomethane
Concen: 19.199 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 93 Resp: 26293

Ion	Ratio	Lower	Upper
93	100		
95	83.0	65.4	98.2
174	86.1	67.9	101.9



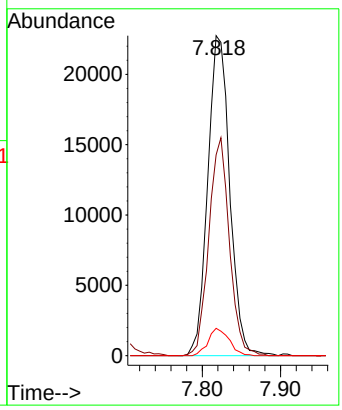


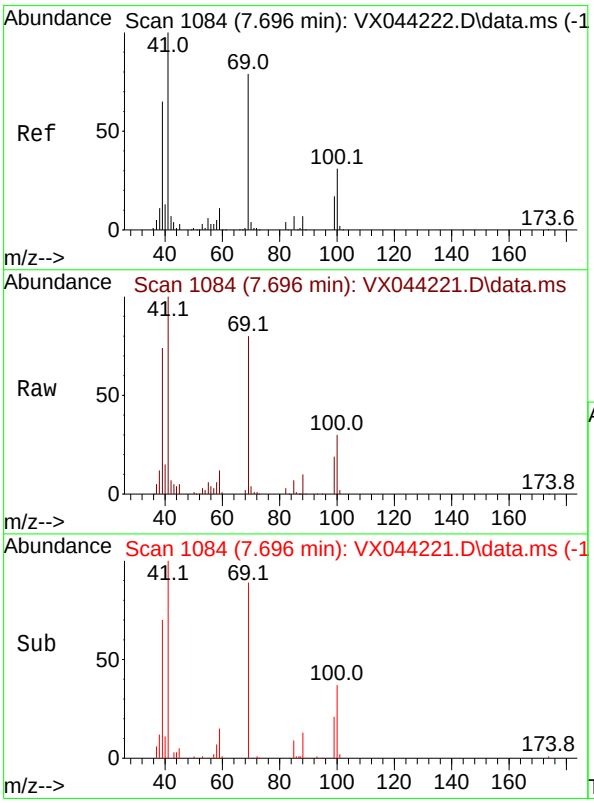
#47
Bromodichloromethane
Concen: 18.735 ug/l
RT: 7.818 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 44312

Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.6	75.8
127	8.6	7.3	10.9

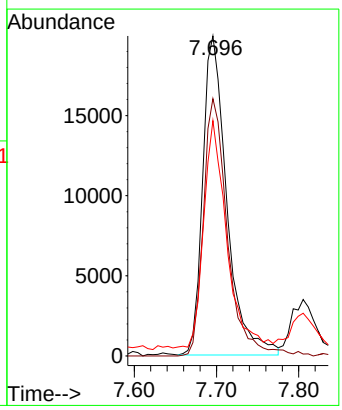


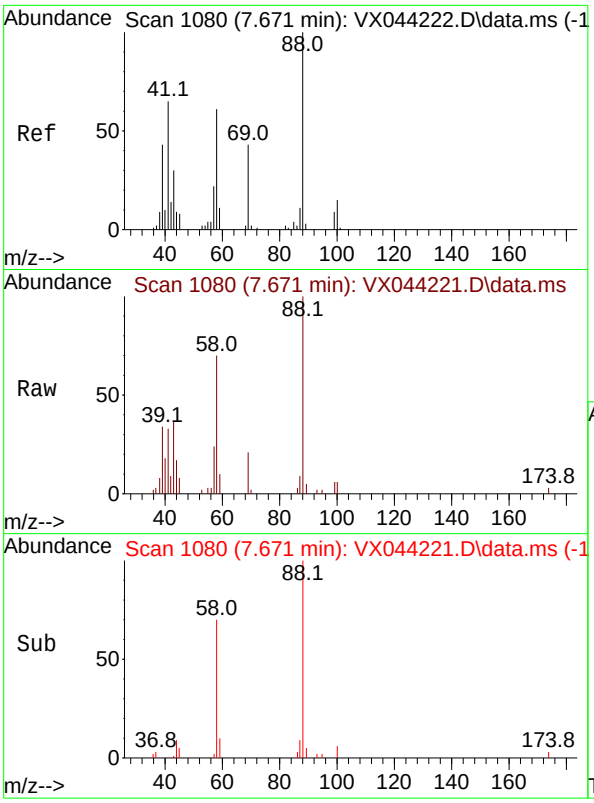


#48
Methyl methacrylate
Concen: 19.032 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 41 Resp: 40620

Ion	Ratio	Lower	Upper
41	100		
69	80.5	62.4	93.6
39	67.5	53.3	79.9



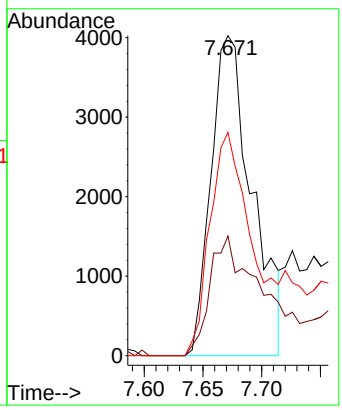


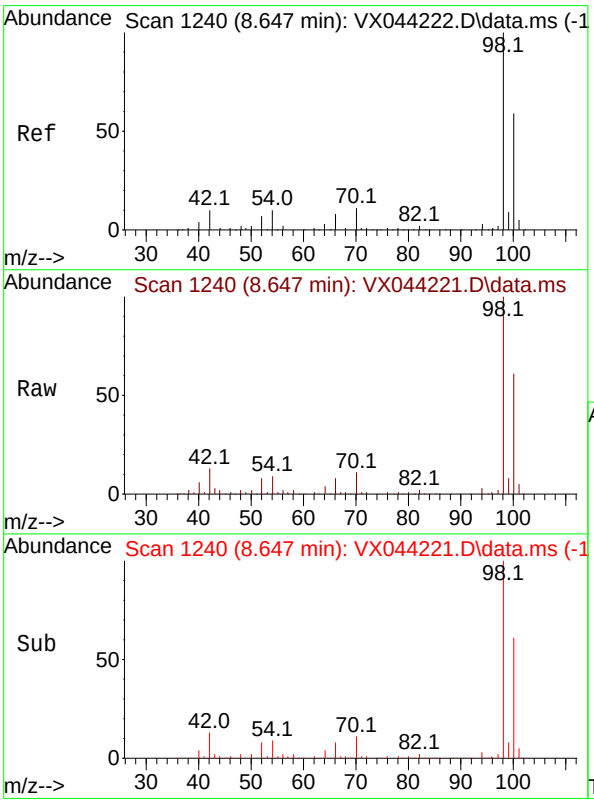
#49
1,4-Dioxane
Concen: 268.697 ug/l
RT: 7.671 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 88 Resp: 9801

Ion	Ratio	Lower	Upper
88	100		
43	49.5	27.1	40.7#
58	72.2	41.0	61.4#

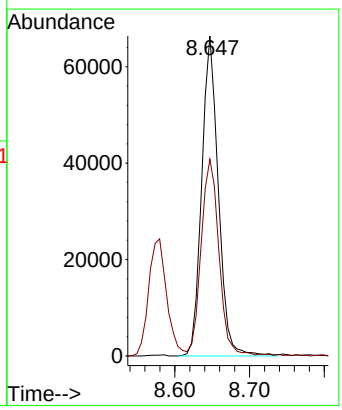


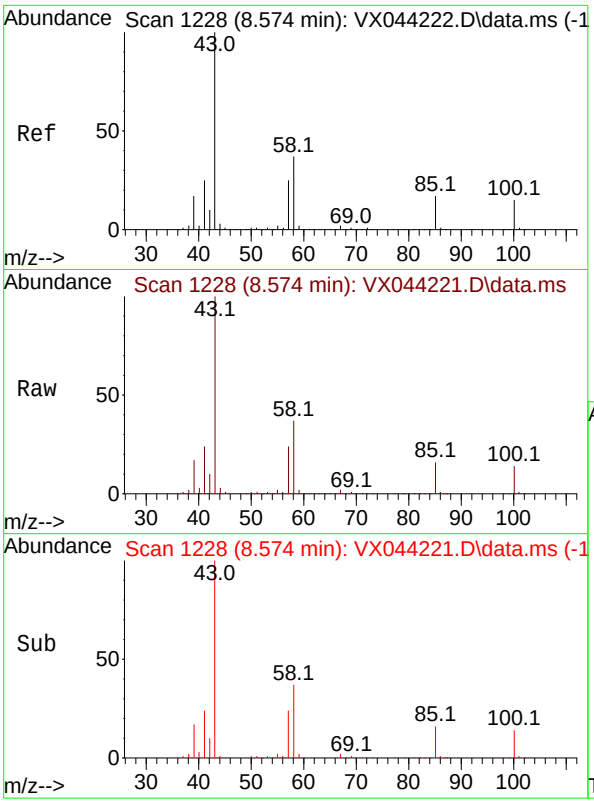


#50
Toluene-d8
Concen: 17.284 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 98 Resp: 102660

Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.5	77.3



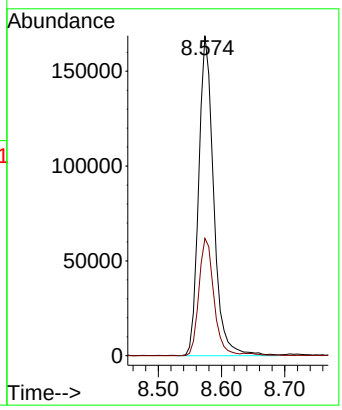


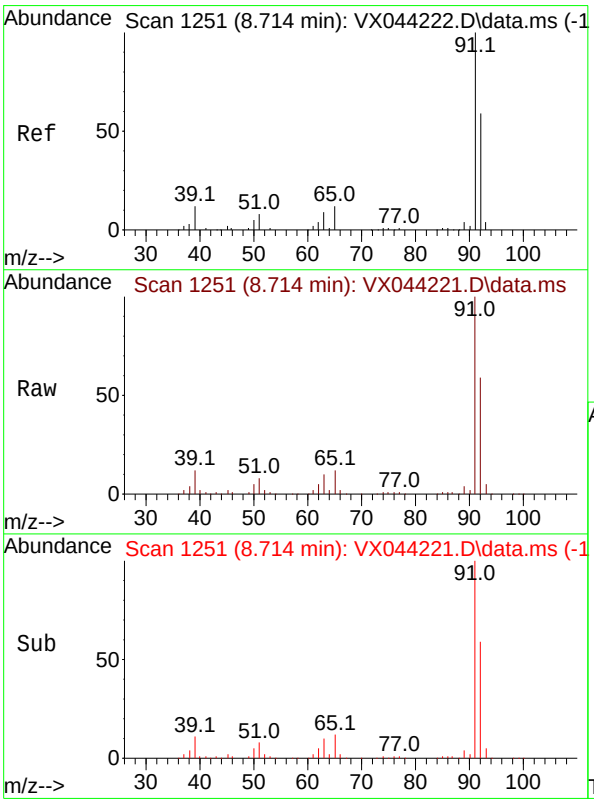
#51
4-Methyl-2-Pentanone
Concen: 98.429 ug/l
RT: 8.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 278267

Ion	Ratio	Lower	Upper
43	100		
58	36.6	29.4	44.0

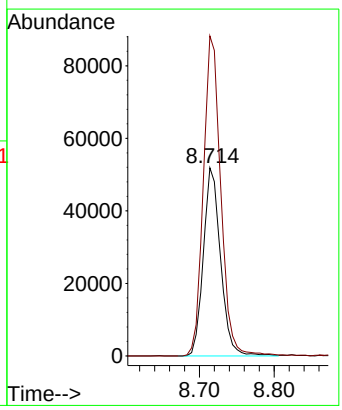


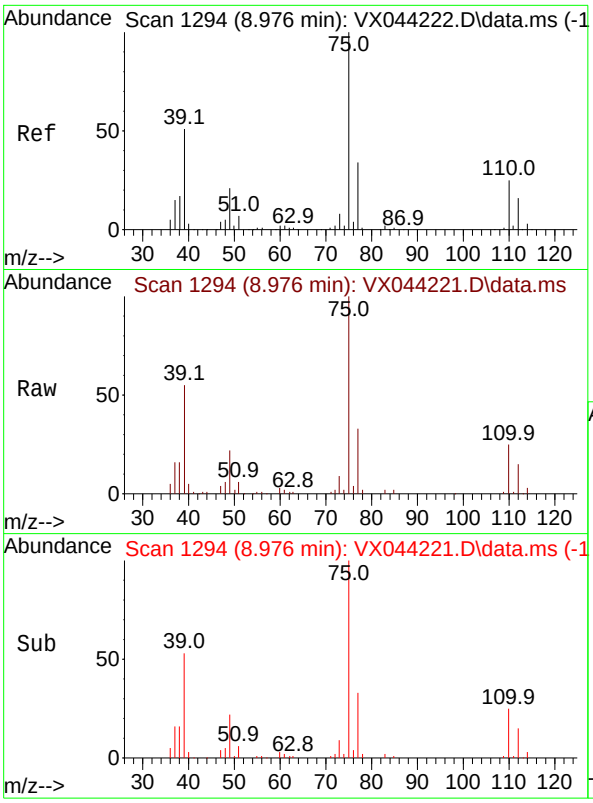


#52
Toluene
Concen: 19.113 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 92 Resp: 82934

Ion	Ratio	Lower	Upper
92	100		
91	172.9	137.0	205.6



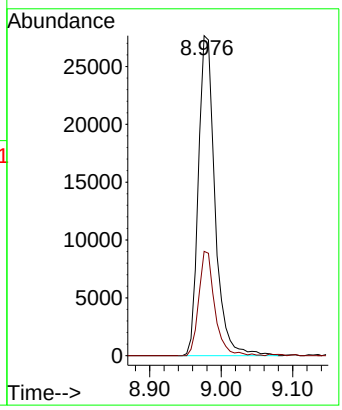


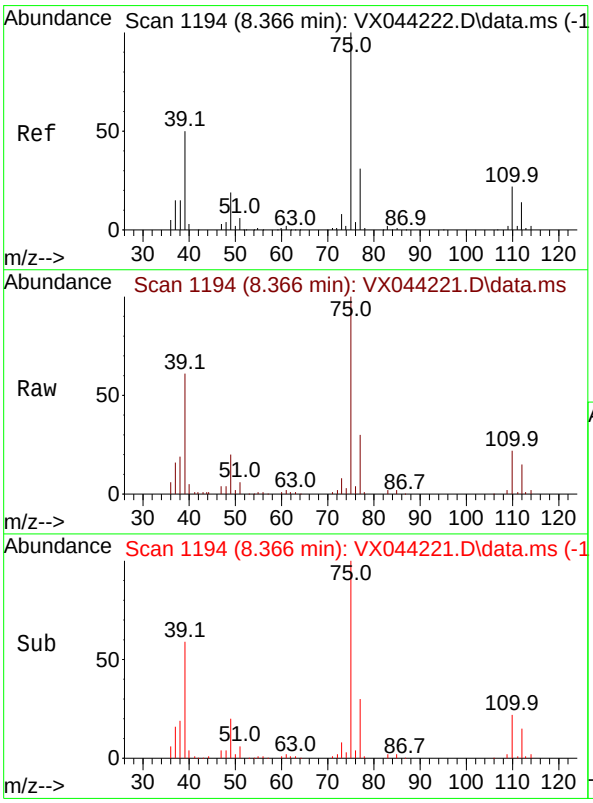
#53
t-1,3-Dichloropropene
Concen: 18.785 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 44614

Ion	Ratio	Lower	Upper
75	100		
77	32.6	27.2	40.8

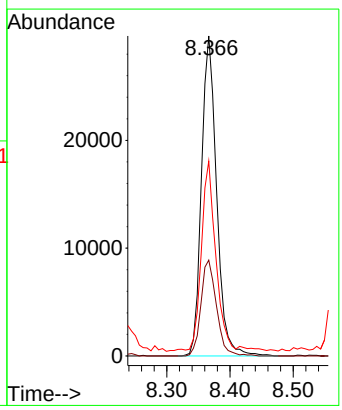


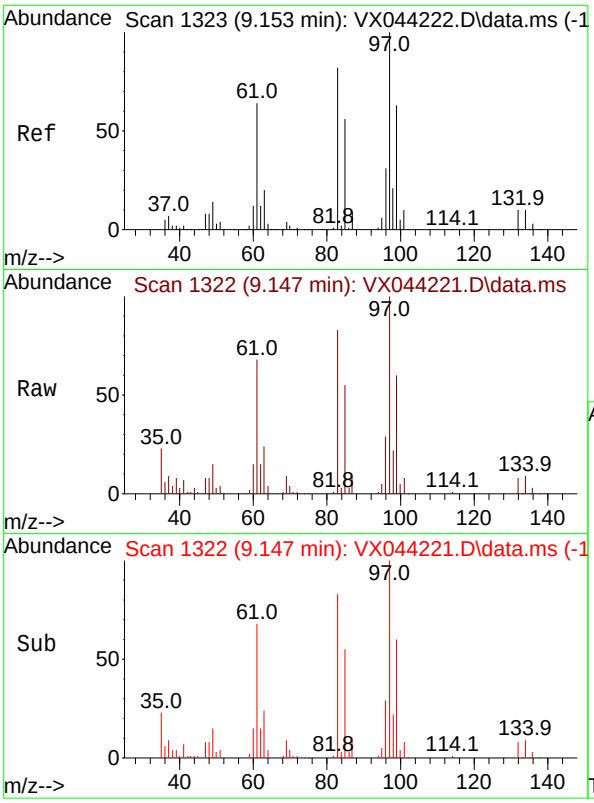


#54
cis-1,3-Dichloropropene
Concen: 19.258 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 75 Resp: 49596

Ion	Ratio	Lower	Upper
75	100		
77	30.0	24.7	37.1
39	59.4	40.3	60.5



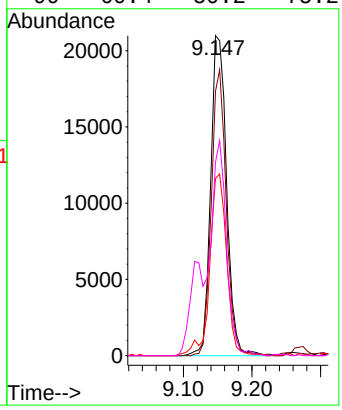


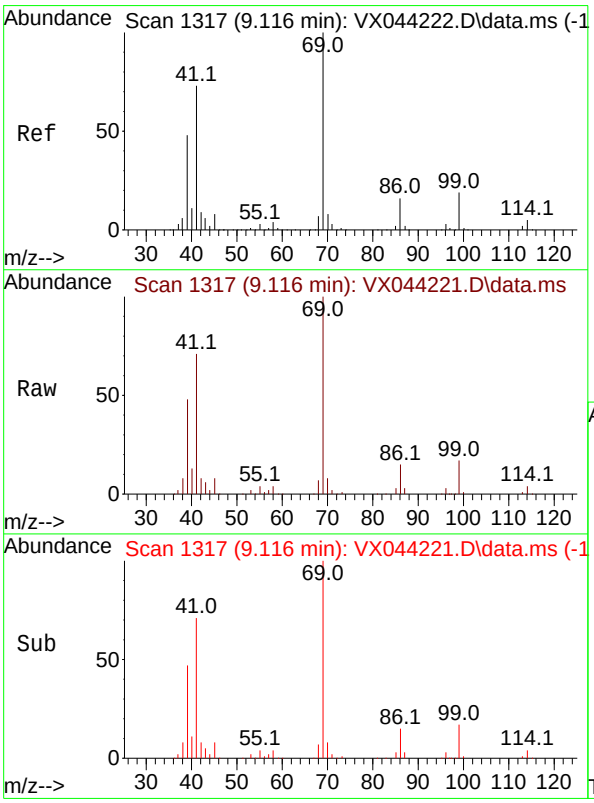
#55
1,1,2-Trichloroethane
Concen: 19.732 ug/l
RT: 9.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 97 Resp: 34013

Ion	Ratio	Lower	Upper
97	100		
83	82.6	65.3	97.9
85	55.3	44.6	67.0
99	60.4	50.2	75.2

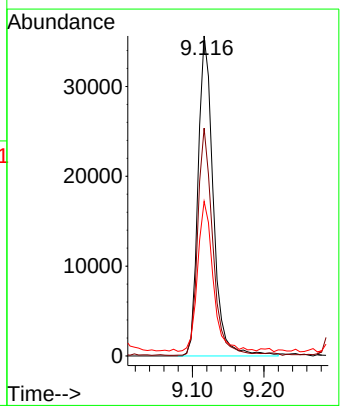


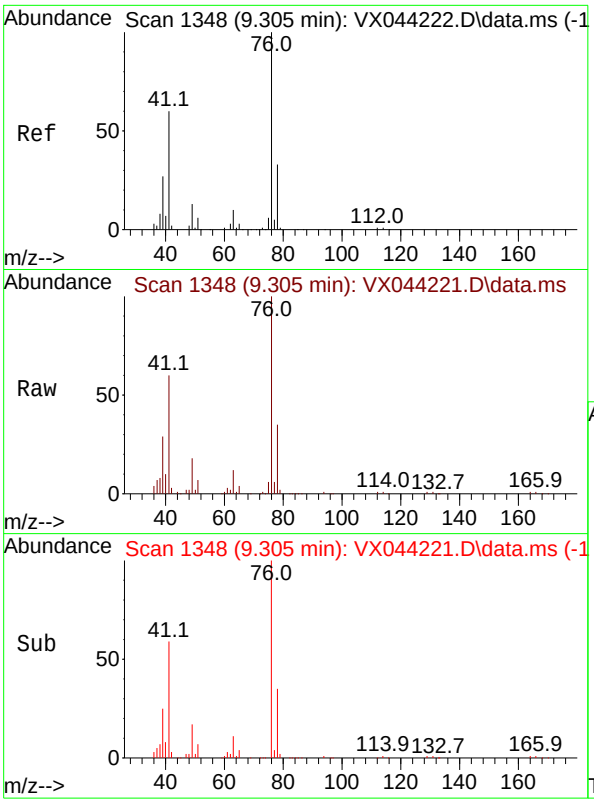


#56
Ethyl methacrylate
Concen: 19.318 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 69 Resp: 52571

Ion	Ratio	Lower	Upper
69	100		
41	70.3	56.6	85.0
39	47.8	37.4	56.0



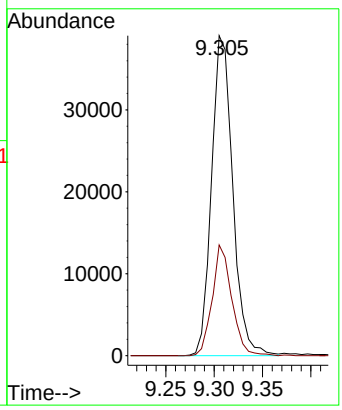


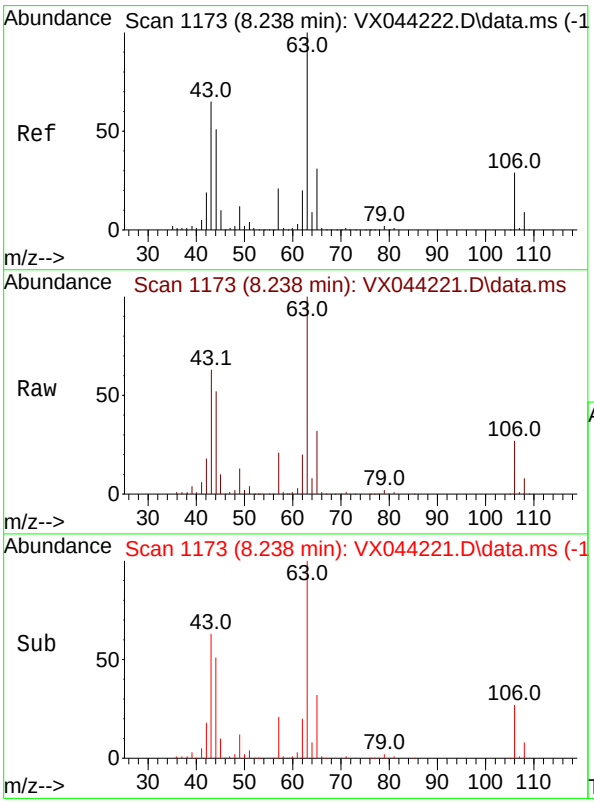
#57
1,3-Dichloropropane
Concen: 19.827 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 59489

Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.5	39.7

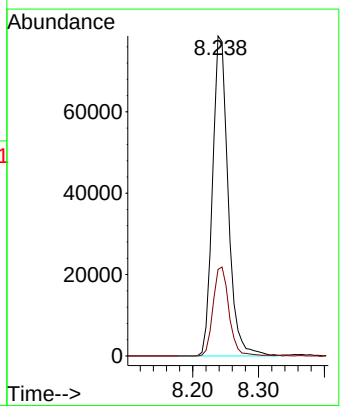


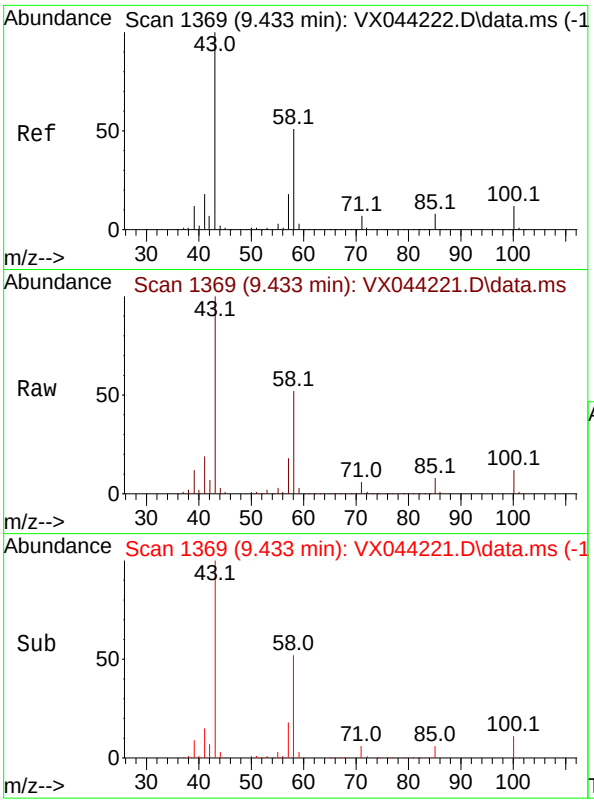


#58
2-Chloroethyl Vinyl ether
Concen: 94.642 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 63 Resp: 129900

Ion	Ratio	Lower	Upper
63	100		
106	28.4	22.8	34.2



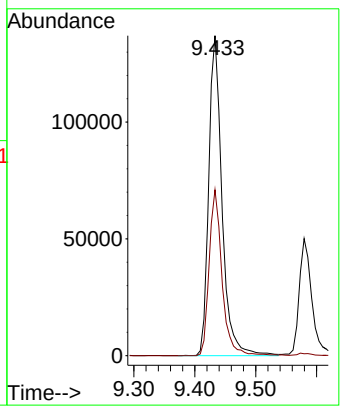


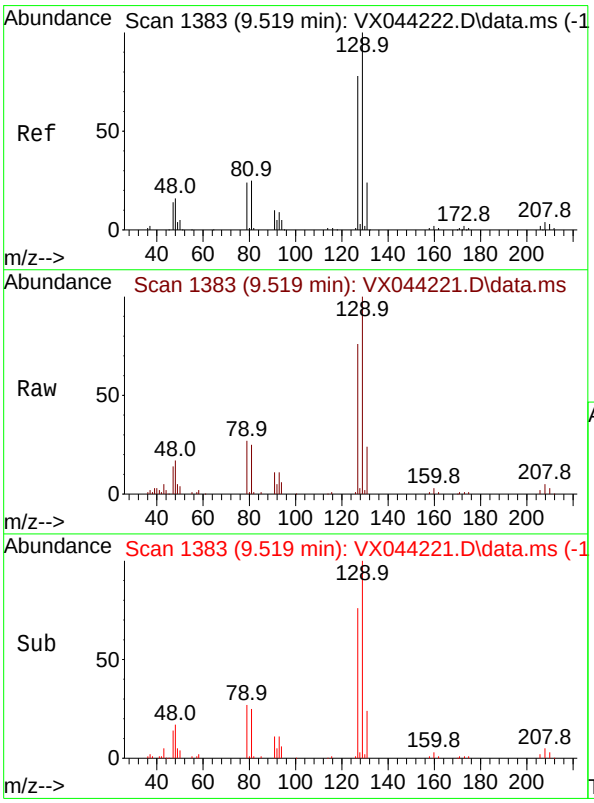
#59
2-Hexanone
Concen: 101.440 ug/l
RT: 9.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 207578

Ion	Ratio	Lower	Upper
43	100		
58	50.4	25.7	77.0

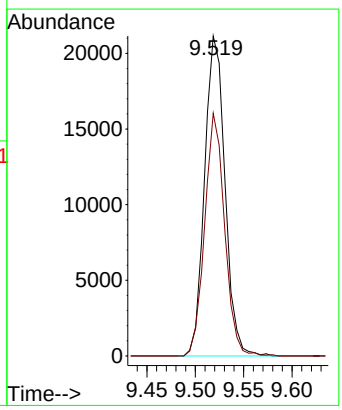


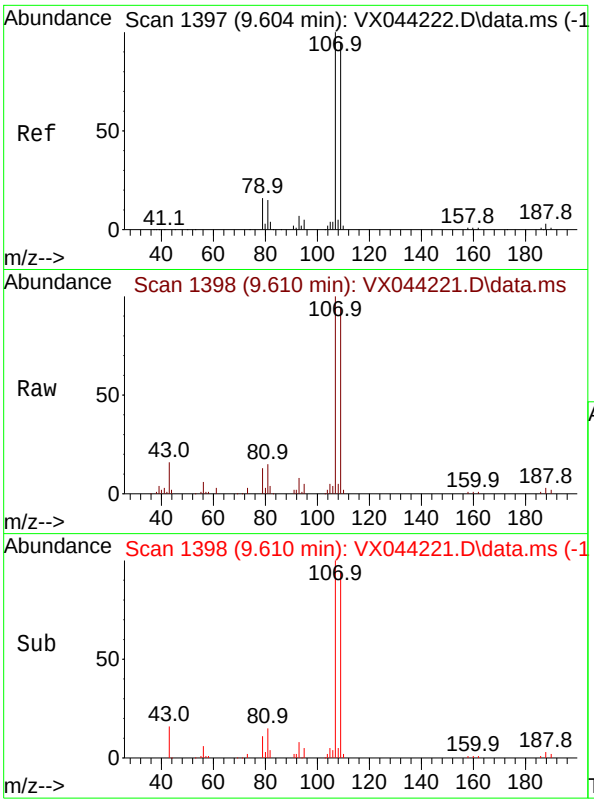


#60
Dibromochloromethane
Concen: 18.318 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:129 Resp: 31066

Ion	Ratio	Lower	Upper
129	100		
127	74.1	38.5	115.3



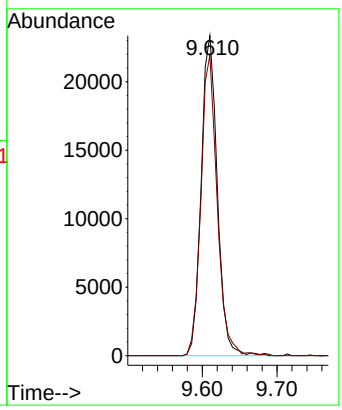


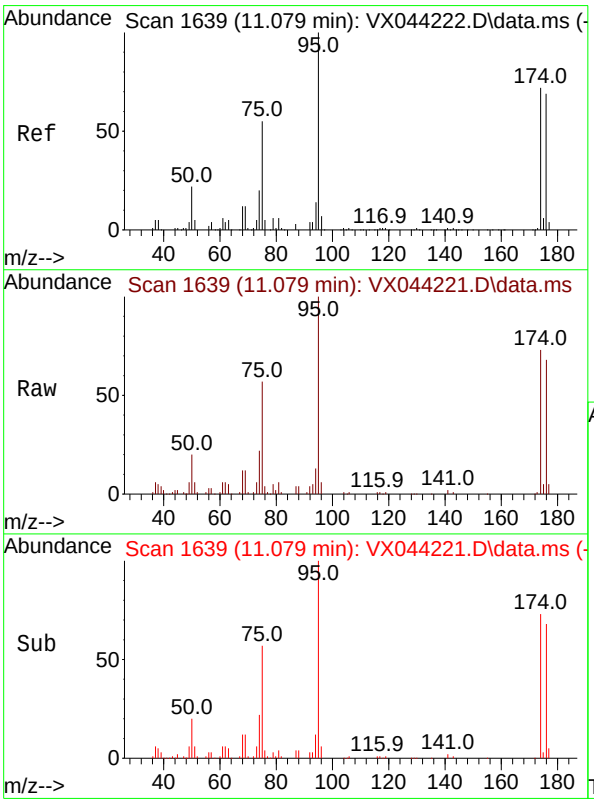
#61
1,2-Dibromoethane
Concen: 19.935 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 34978

Ion	Ratio	Lower	Upper
107	100		
109	94.4	77.0	115.4

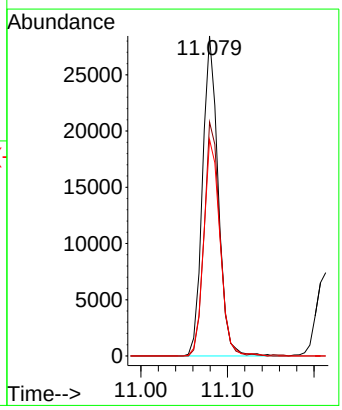


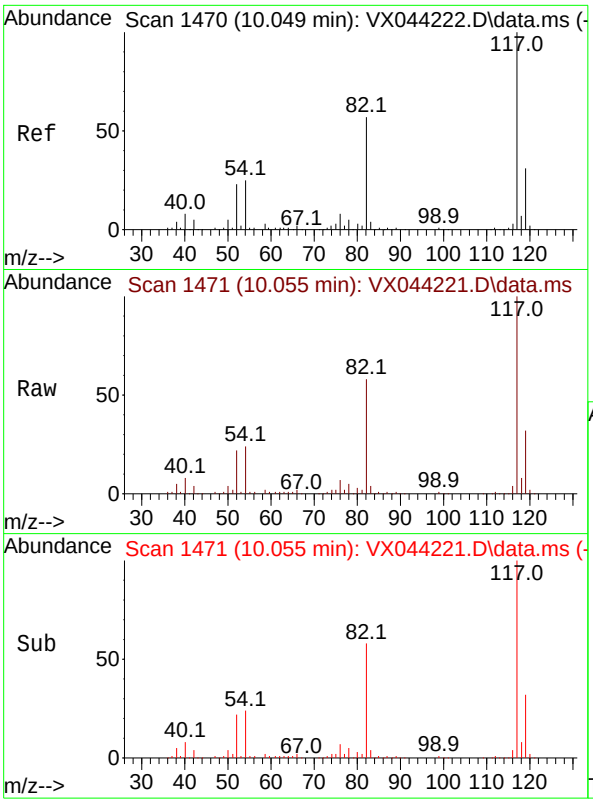


#62
4-Bromofluorobenzene
Concen: 17.175 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 95 Resp: 35645

Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	145.8
176	70.5	0.0	137.8



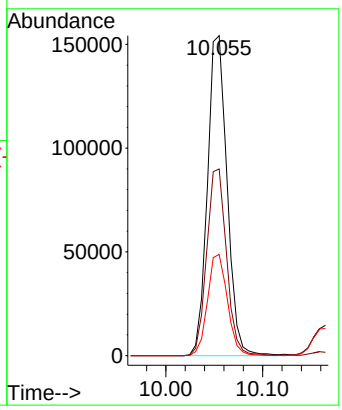


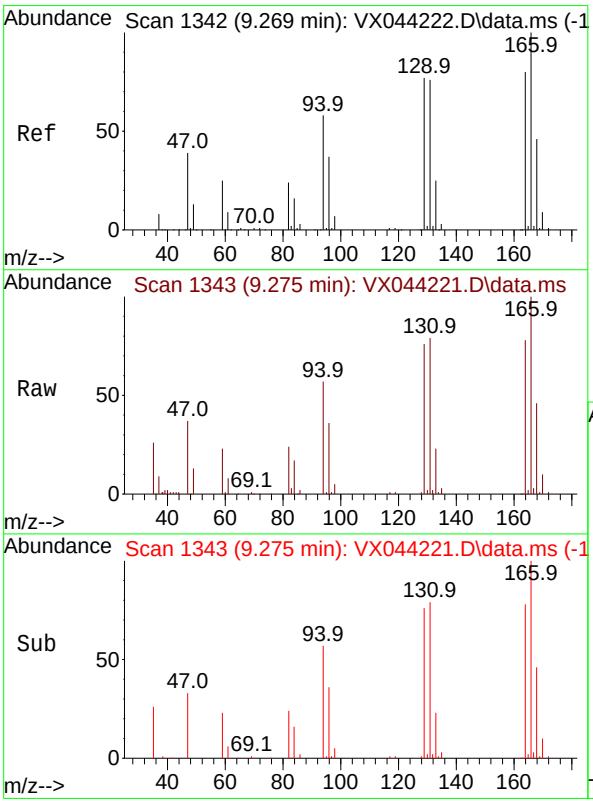
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:117 Resp: 218148

Ion	Ratio	Lower	Upper
117	100		
82	58.3	45.8	68.8
119	31.6	25.0	37.4

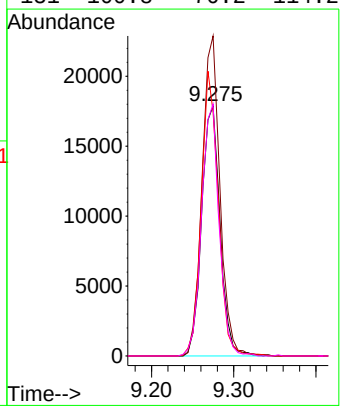


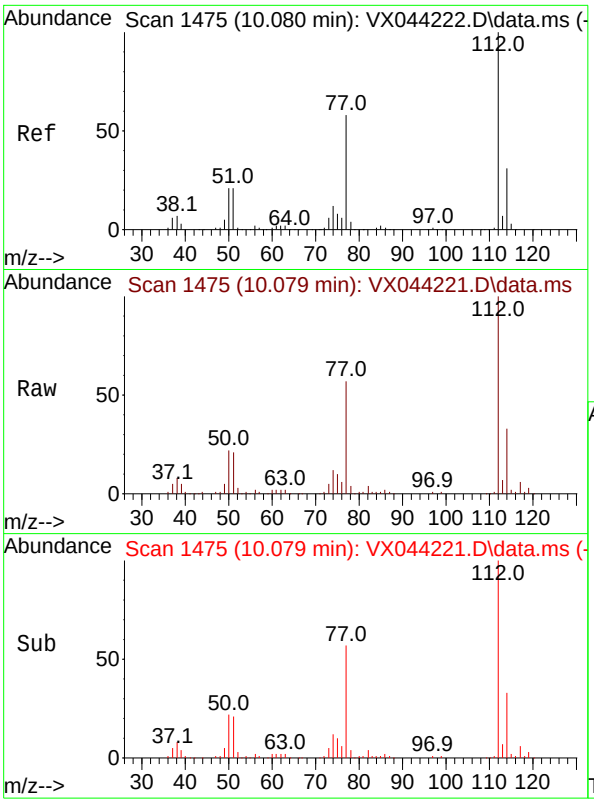


#64
Tetrachloroethene
Concen: 19.133 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:164 Resp: 27702

Ion	Ratio	Lower	Upper
164	100		
166	128.0	100.4	150.6
129	97.5	77.2	115.8
131	100.8	76.2	114.2



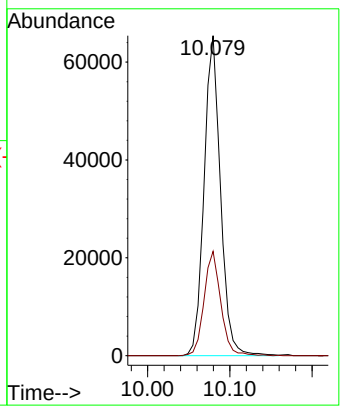


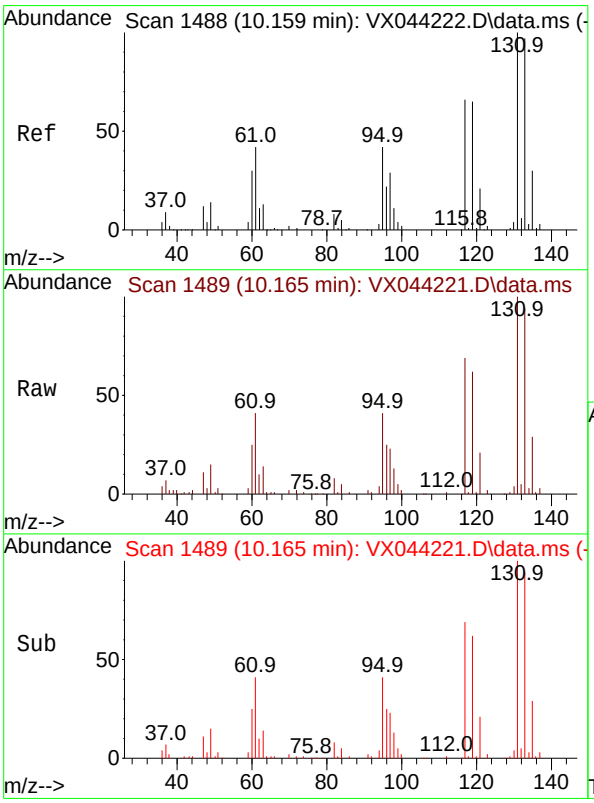
#65
Chlorobenzene
Concen: 19.389 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 90631

Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.0	37.6

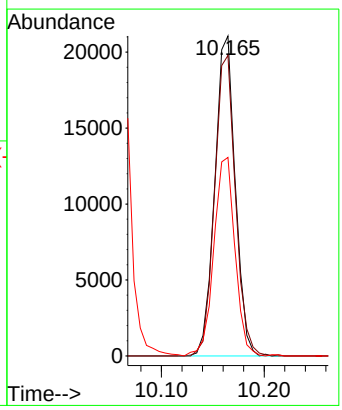


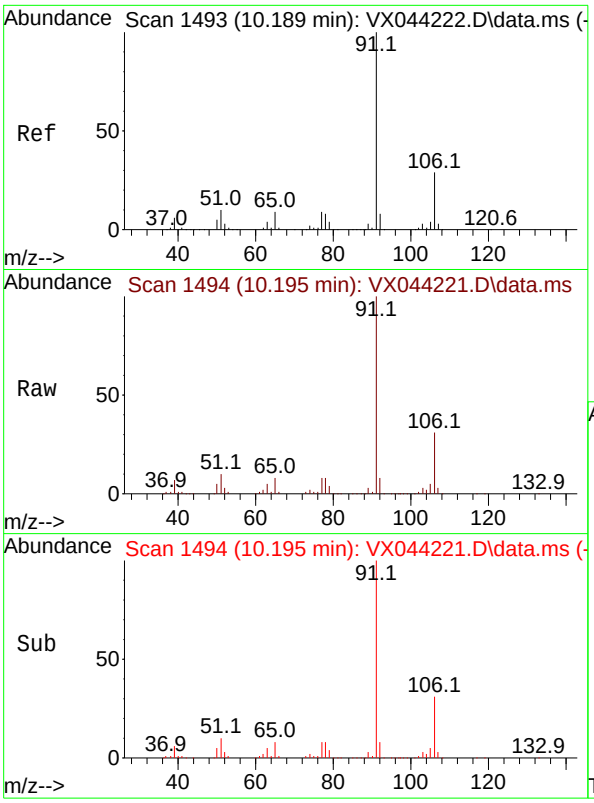


#66
1,1,1,2-Tetrachloroethane
Concen: 19.392 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:131 Resp: 29132

Ion	Ratio	Lower	Upper
131	100		
133	95.8	47.3	141.8
119	64.0	31.6	95.0



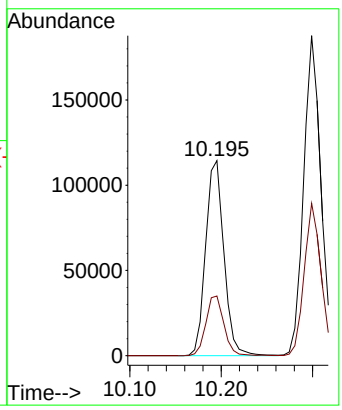


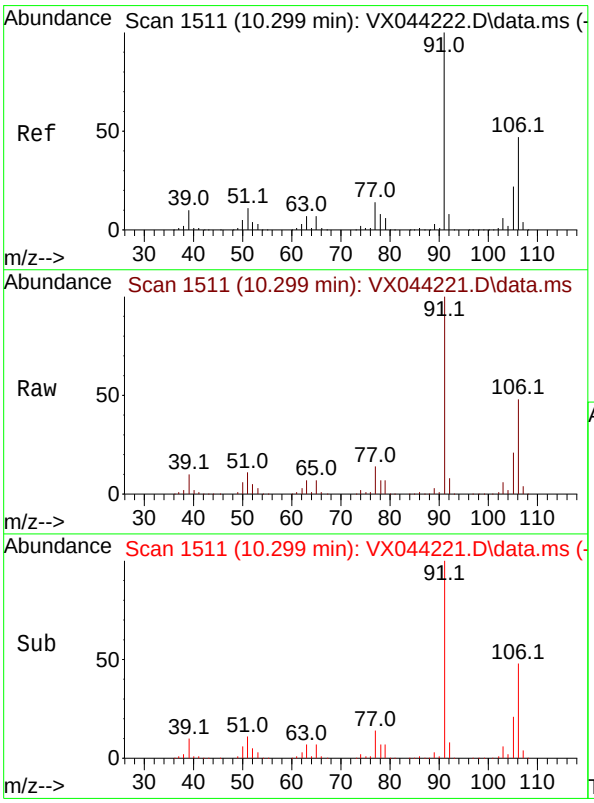
#67
Ethyl Benzene
Concen: 19.619 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 158455

Ion	Ratio	Lower	Upper
91	100		
106	30.6	23.5	35.3

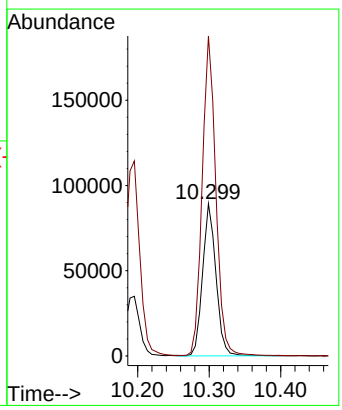


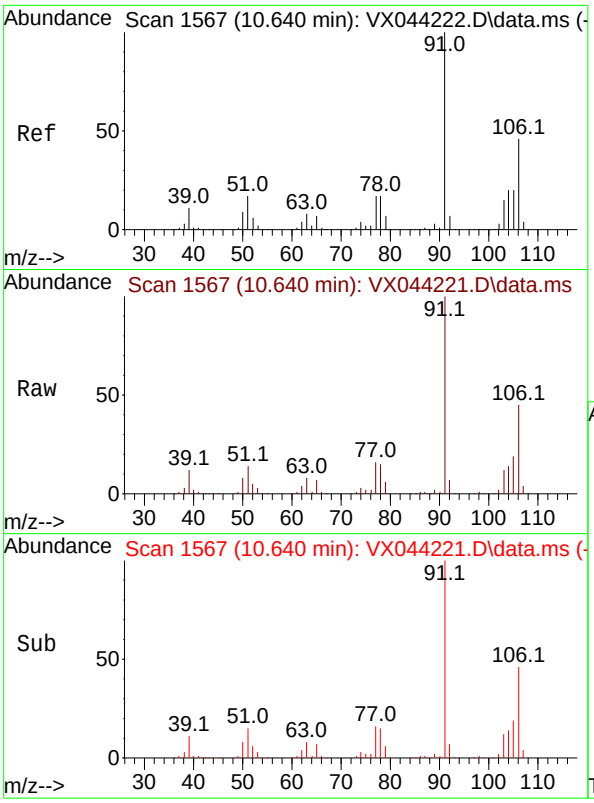


#68
m/p-Xylenes
Concen: 39.183 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:106 Resp: 116126

Ion	Ratio	Lower	Upper
106	100		
91	215.5	170.2	255.2



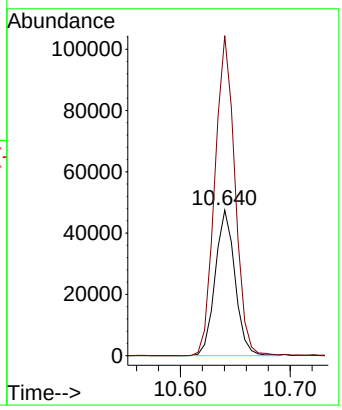


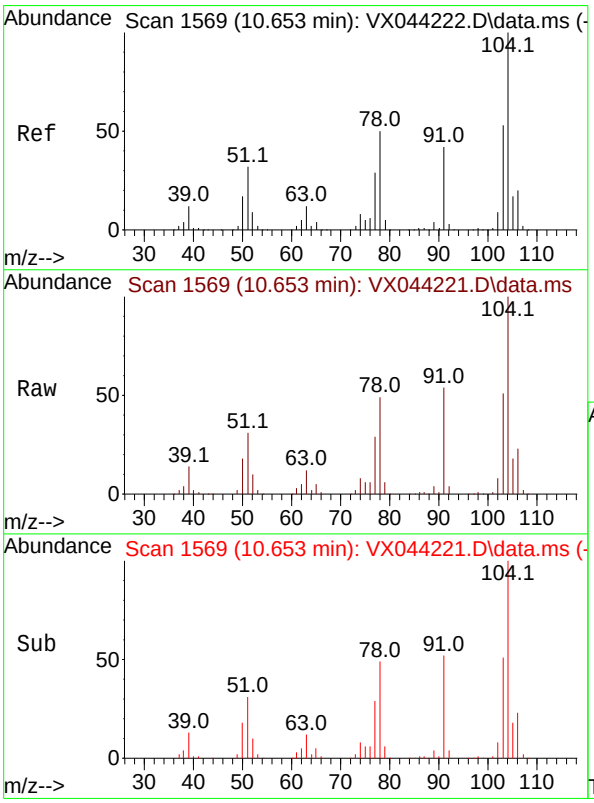
#69
o-Xylene
Concen: 19.938 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 59787

Ion	Ratio	Lower	Upper
106	100		
91	223.6	112.3	337.0

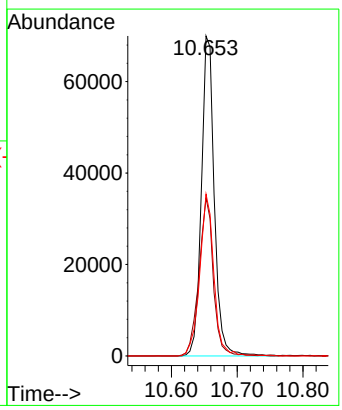


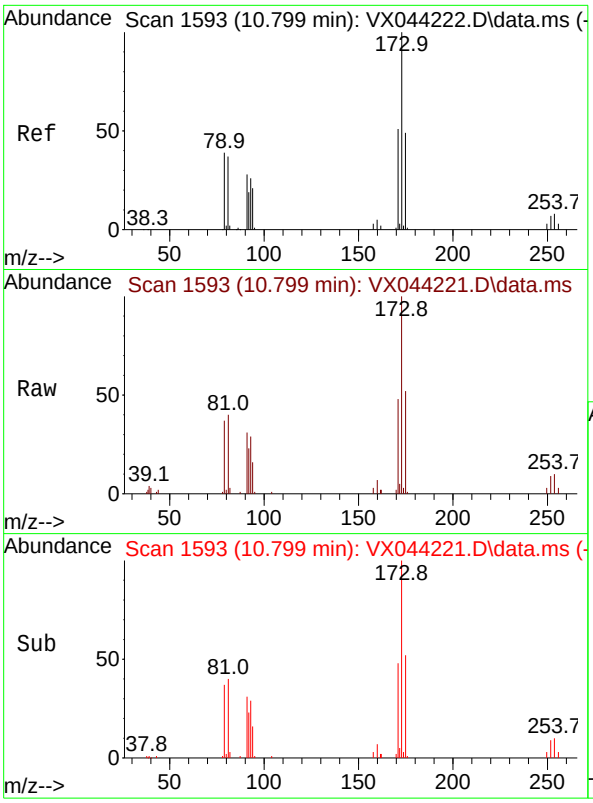


#70
Styrene
Concen: 19.946 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:104 Resp: 95883

Ion	Ratio	Lower	Upper
104	100		
78	54.7	44.6	67.0
103	55.2	45.4	68.0



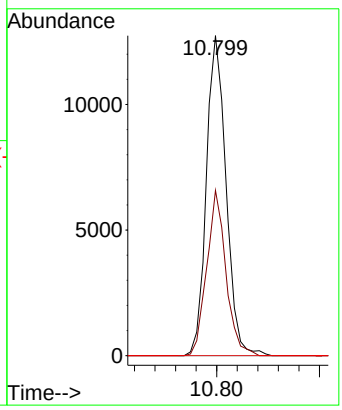


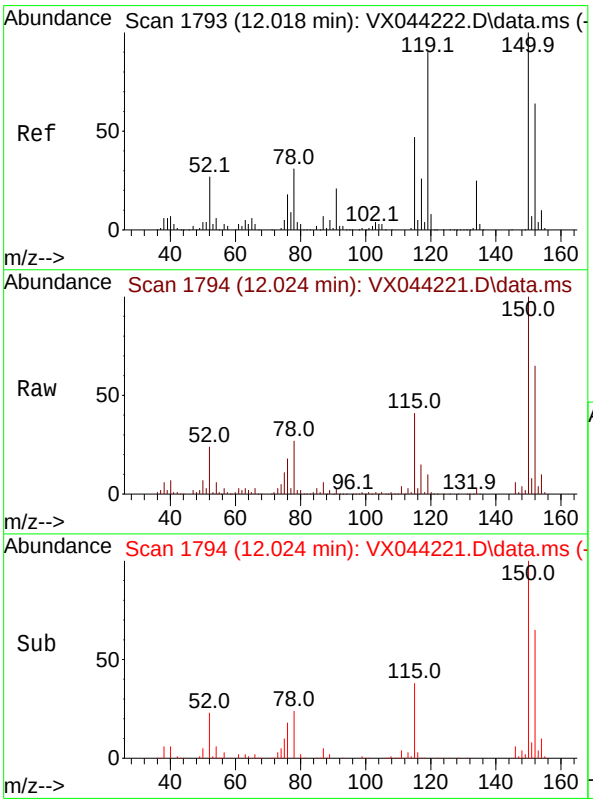
#71
Bromoform
Concen: 18.112 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:173 Resp: 16924

Ion	Ratio	Lower	Upper
173	100		
175	50.5	23.8	71.4
254	0.0	0.0	0.0

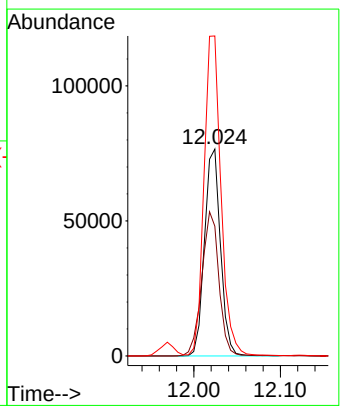


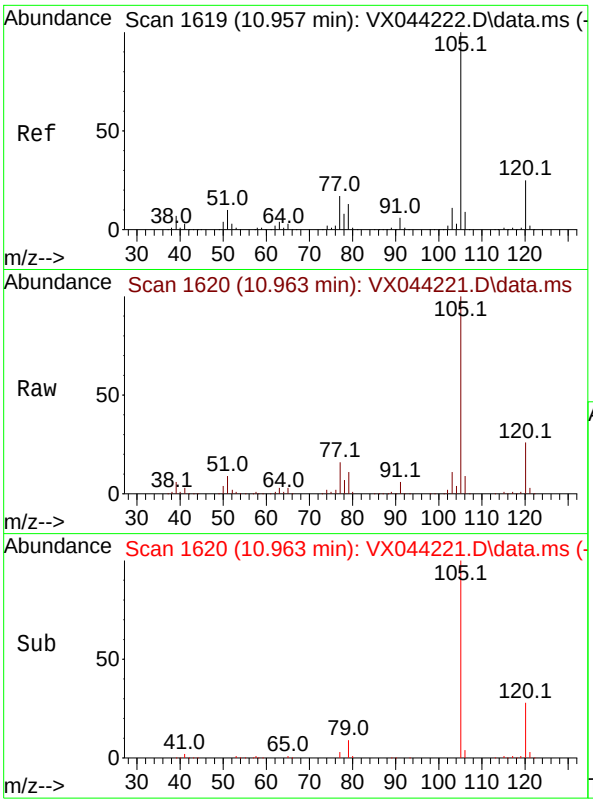


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:152 Resp: 98180

Ion	Ratio	Lower	Upper
152	100		
115	74.8	44.5	133.3
150	164.2	0.0	353.8



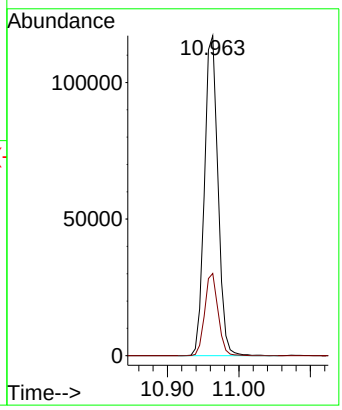


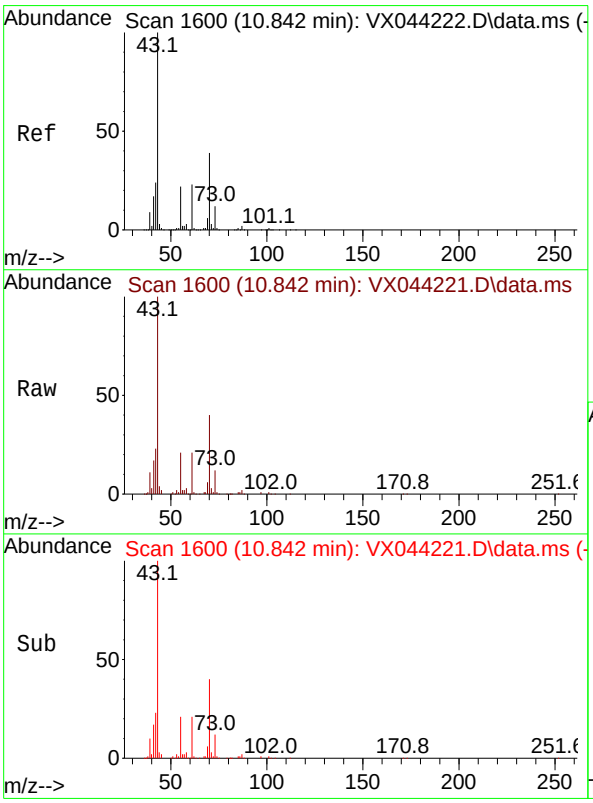
#73
Isopropylbenzene
Concen: 20.481 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 153935

Ion	Ratio	Lower	Upper
105	100		
120	25.3	13.1	39.3

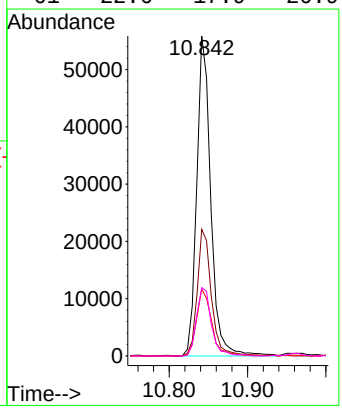


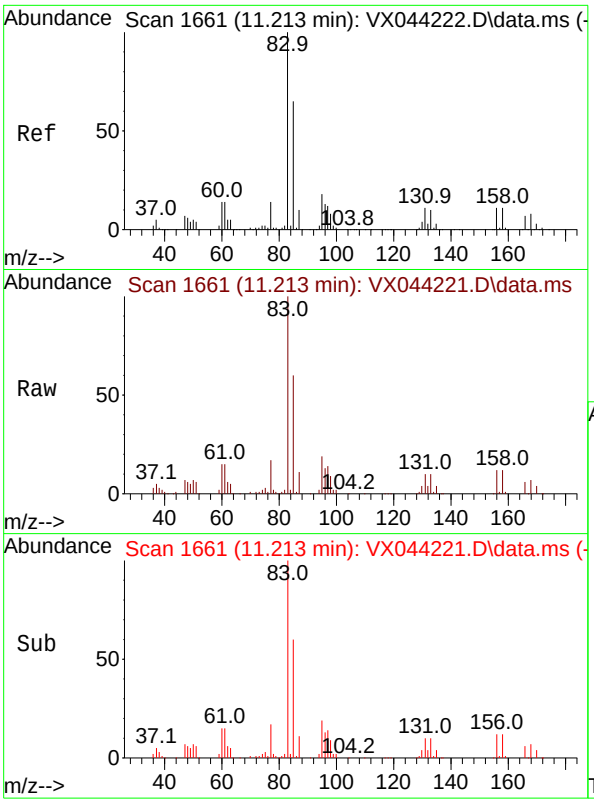


#74
N-amyl acetate
Concen: 20.049 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 43 Resp: 69643

Ion	Ratio	Lower	Upper
43	100		
70	39.8	31.9	47.9
55	22.8	17.9	26.9
61	22.6	17.9	26.9



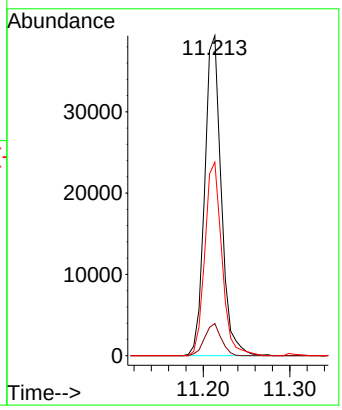


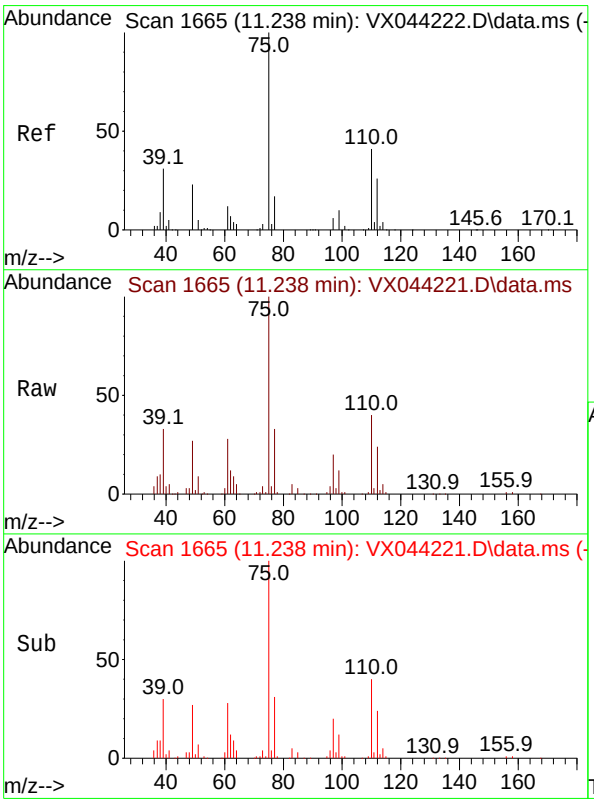
#75
1,1,2,2-Tetrachloroethane
Concen: 20.039 ug/l
RT: 11.213 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 52312

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.1	15.4
85	62.1	32.5	97.4

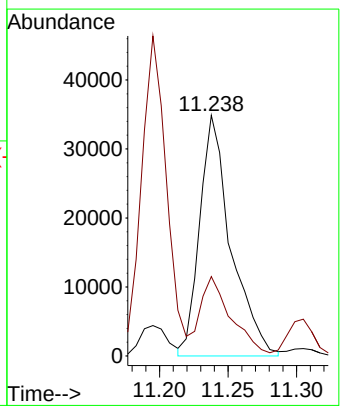


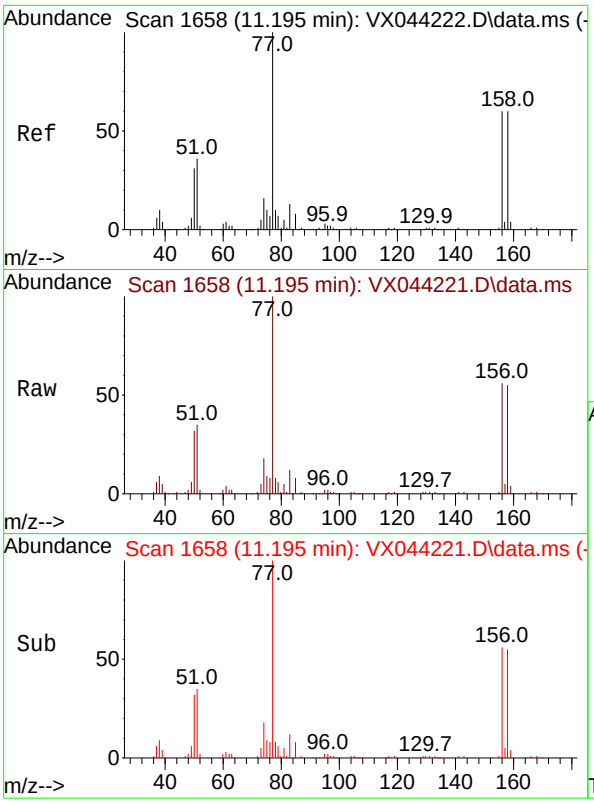


#76
1,2,3-Trichloropropane
Concen: 24.859 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 75 Resp: 55384

Ion	Ratio	Lower	Upper
75	100		
77	33.2	20.9	62.7



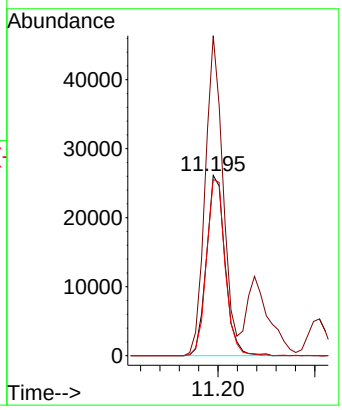


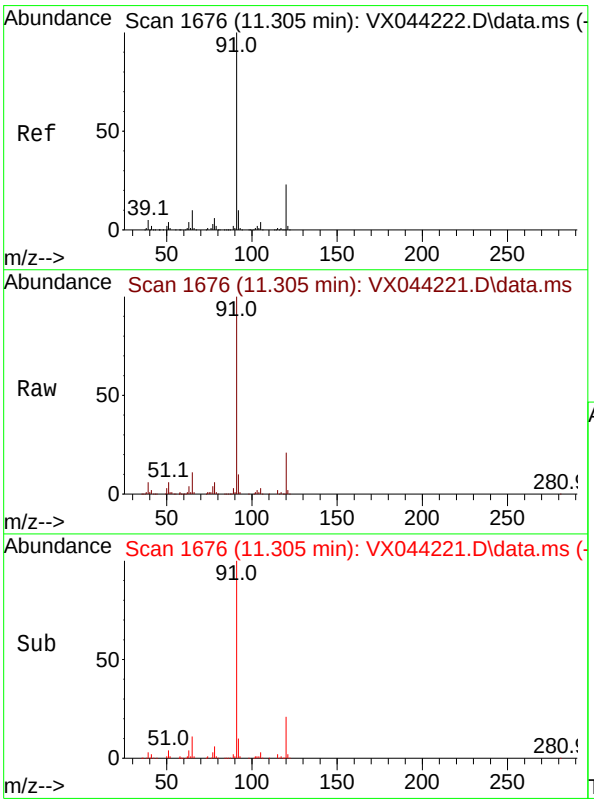
#77
Bromobenzene
Concen: 19.176 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 34951

Ion	Ratio	Lower	Upper
156	100		
77	169.4	82.6	247.8
158	98.1	48.8	146.4

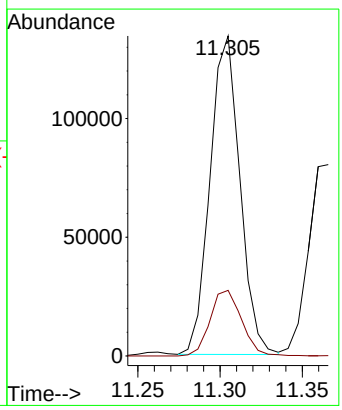


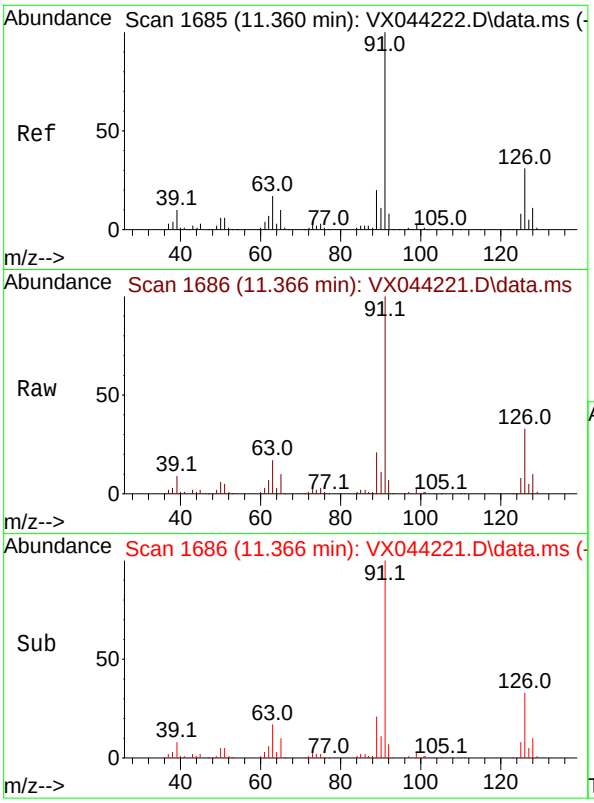


#78
n-propylbenzene
Concen: 20.419 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 91 Resp: 169622

Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.0	33.0



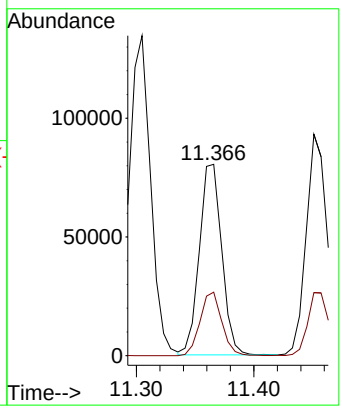


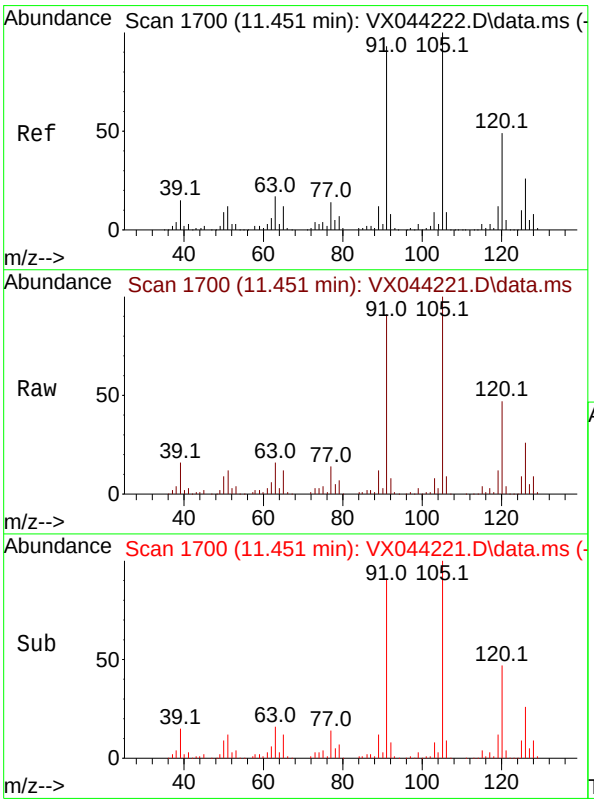
#79
2-Chlorotoluene
Concen: 19.788 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 106310

Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.4	49.1

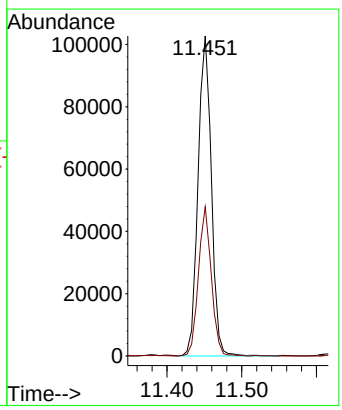


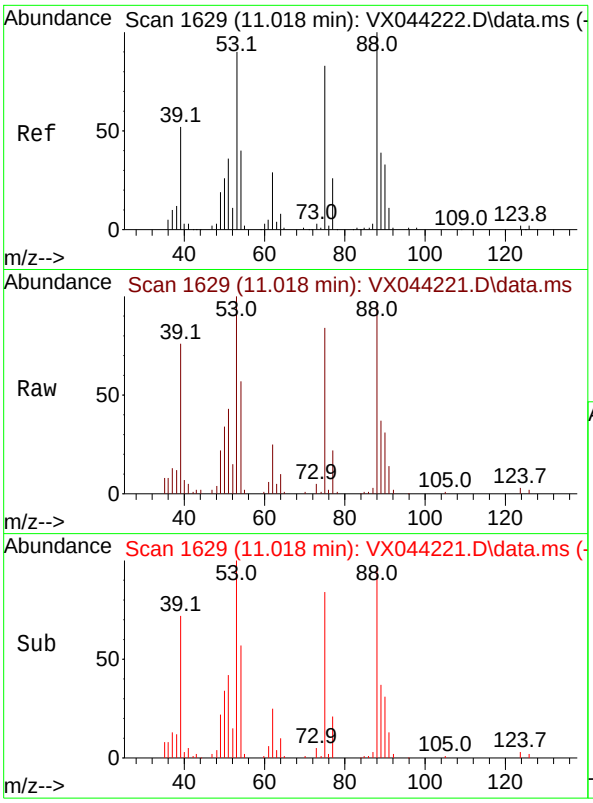


#80
1,3,5-Trimethylbenzene
Concen: 20.315 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:105 Resp: 126626

Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.8	71.4



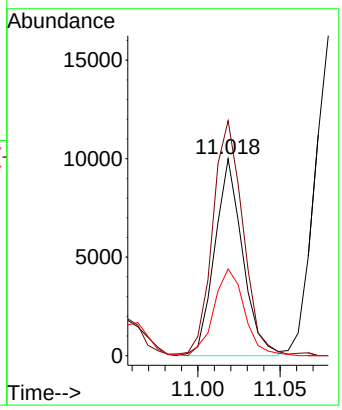


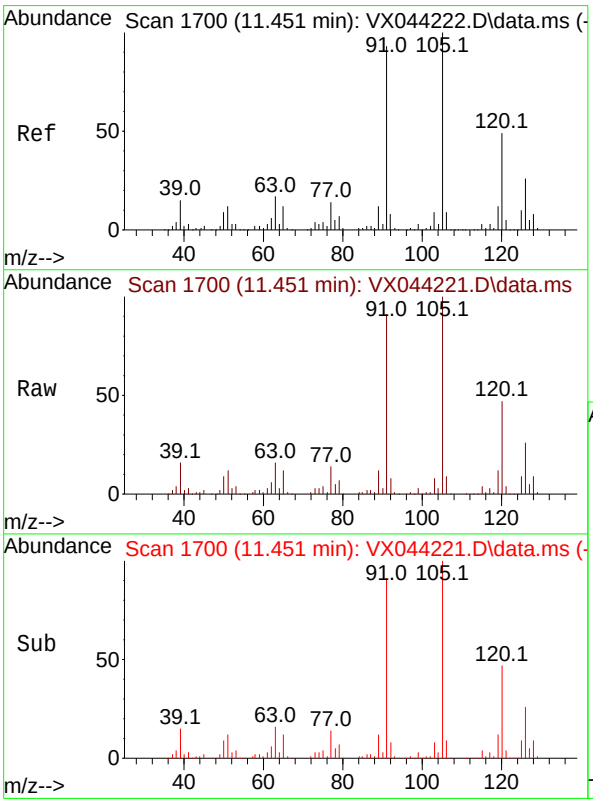
#81
trans-1,4-Dichloro-2-butene
Concen: 19.264 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 11784

Ion	Ratio	Lower	Upper
75	100		
53	130.8	93.6	140.4
89	48.1	37.3	55.9

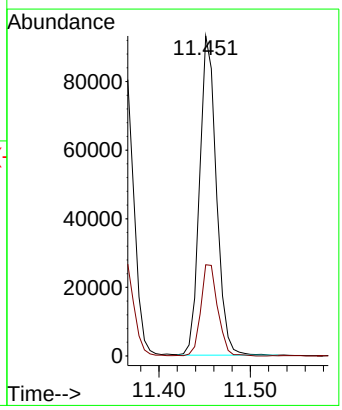


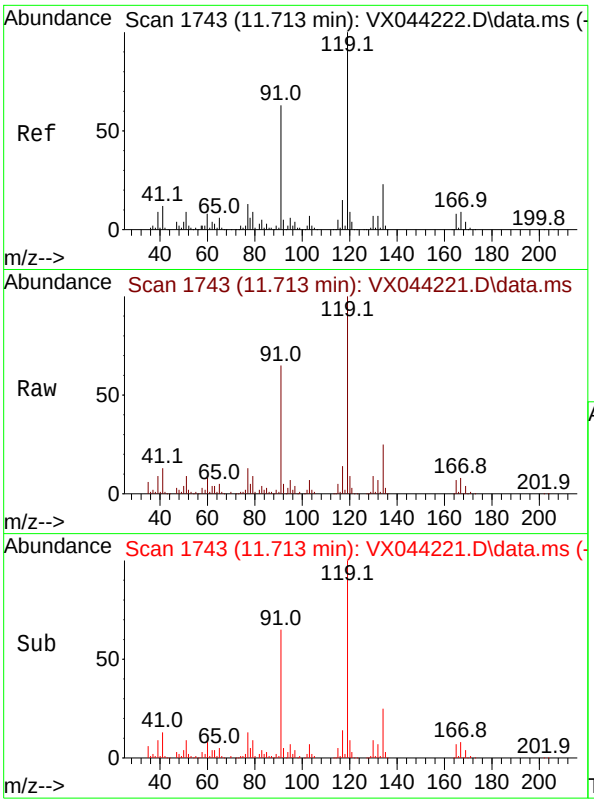


#82
4-Chlorotoluene
Concen: 19.886 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 91 Resp: 118309

Ion	Ratio	Lower	Upper
91	100		
126	28.9	14.5	43.5



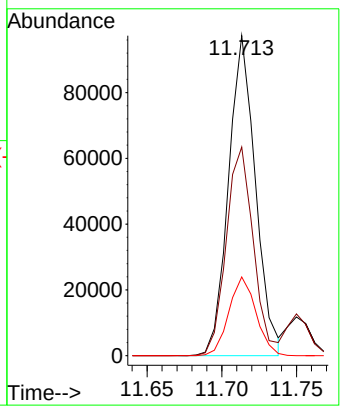


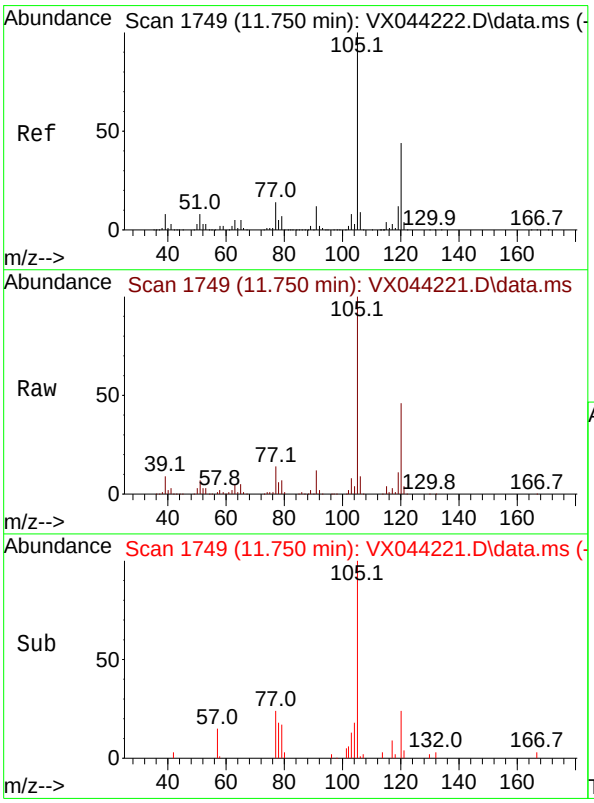
#83
tert-Butylbenzene
Concen: 19.794 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 121929

Ion	Ratio	Lower	Upper
119	100		
91	66.0	30.9	92.5
134	24.8	11.5	34.4

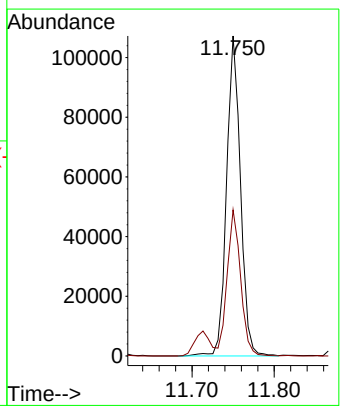


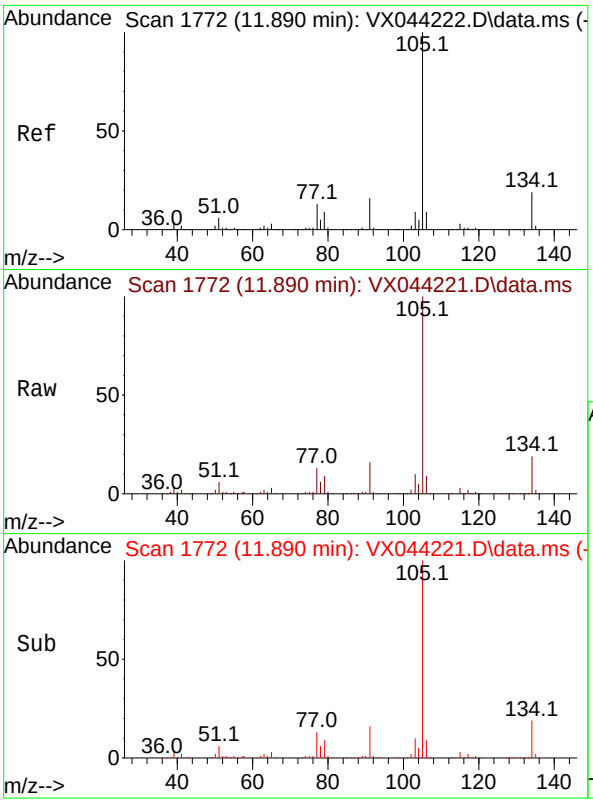


#84
1,2,4-Trimethylbenzene
Concen: 20.574 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:105 Resp: 125939

Ion	Ratio	Lower	Upper
105	100		
120	43.8	21.7	65.1



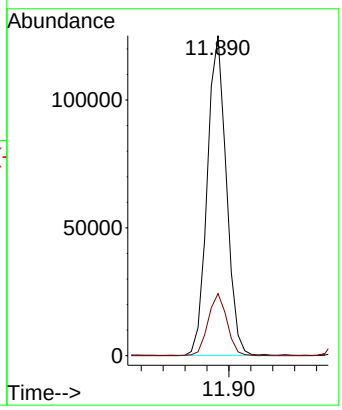


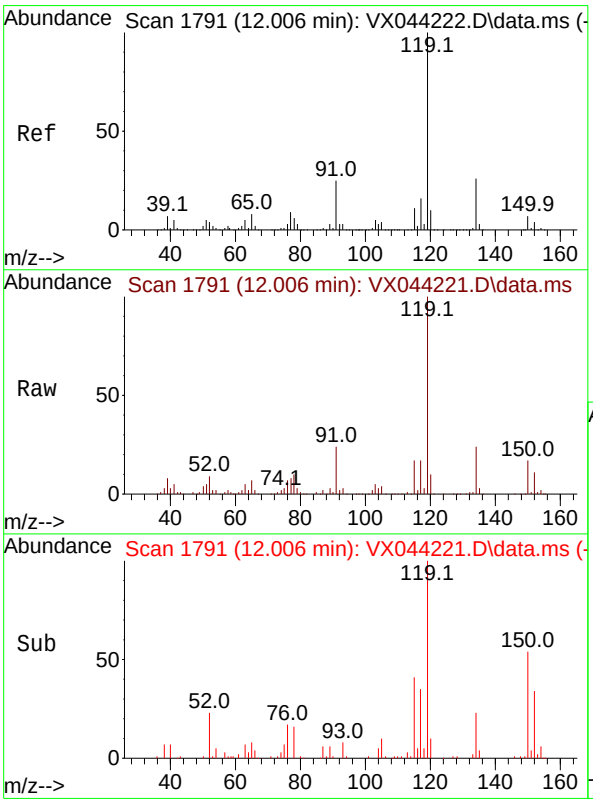
#85
sec-Butylbenzene
Concen: 20.165 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 150795

Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.8	29.4

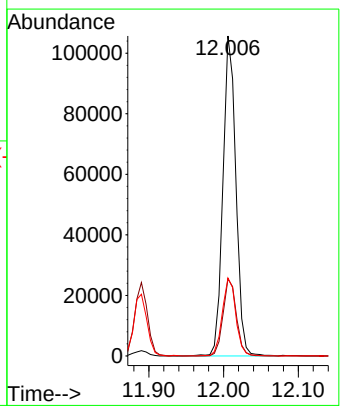


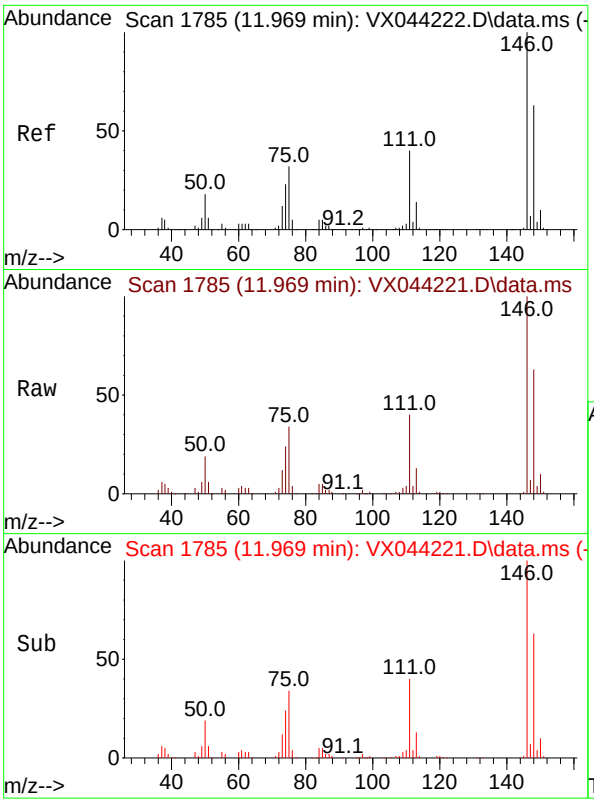


#86
p-Isopropyltoluene
Concen: 20.532 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:119 Resp: 127790

Ion	Ratio	Lower	Upper
119	100		
134	24.6	12.8	38.4
91	25.4	13.0	39.0



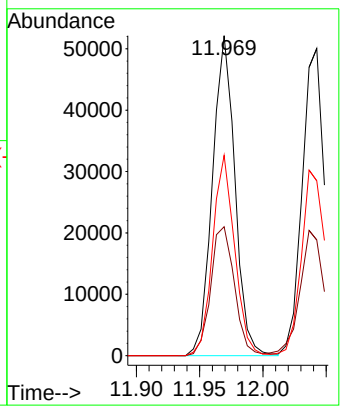


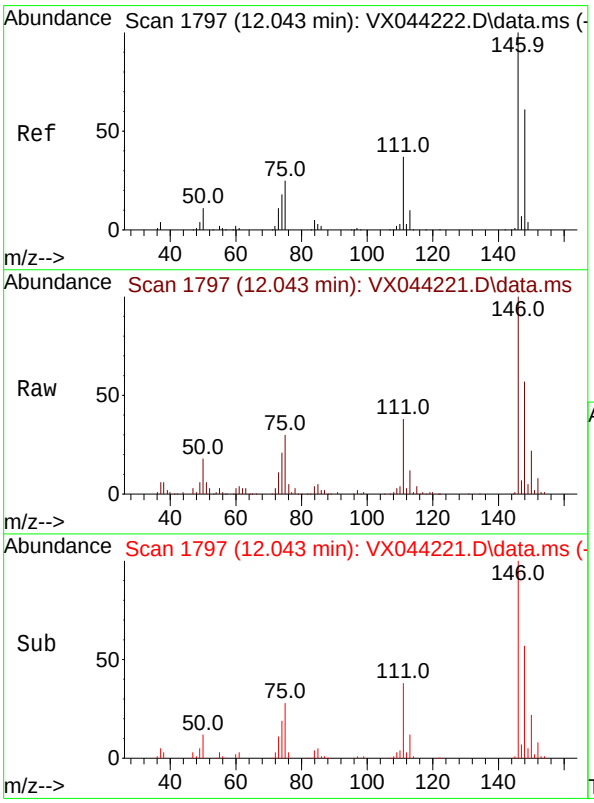
#87
1,3-Dichlorobenzene
Concen: 20.228 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 64399

Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.4	64.2
148	61.4	31.7	95.1

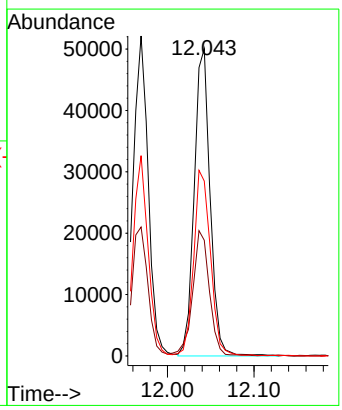


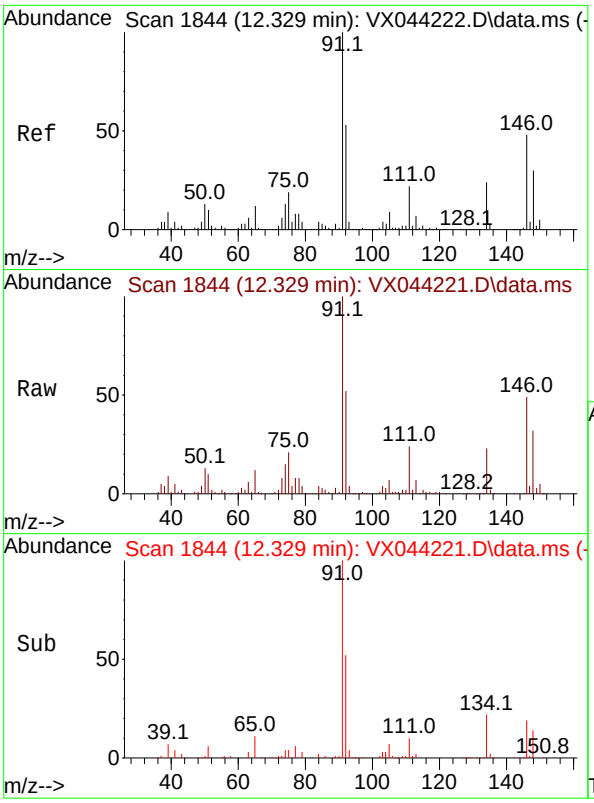


#88
1,4-Dichlorobenzene
Concen: 19.588 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:146 Resp: 64106

Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.0	63.0
148	63.2	32.3	96.8



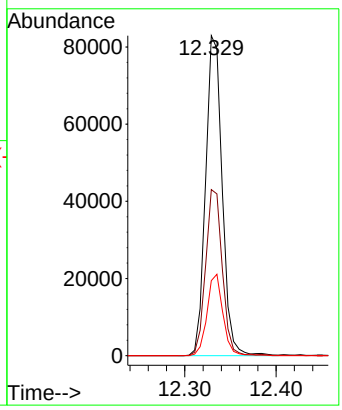


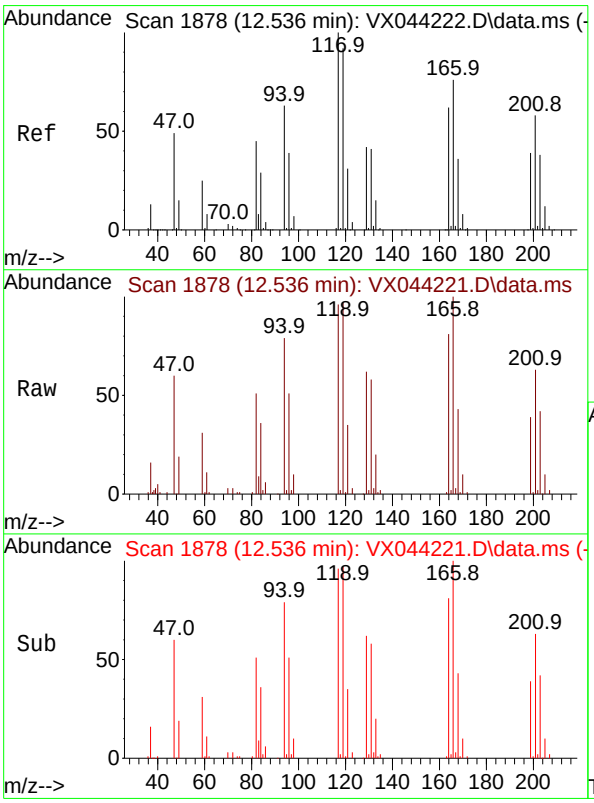
#89
n-Butylbenzene
Concen: 19.950 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 104410

Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.6	79.7
134	24.4	12.6	37.8

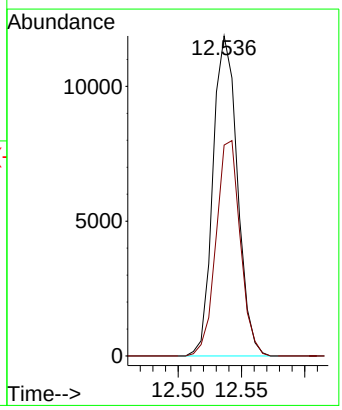


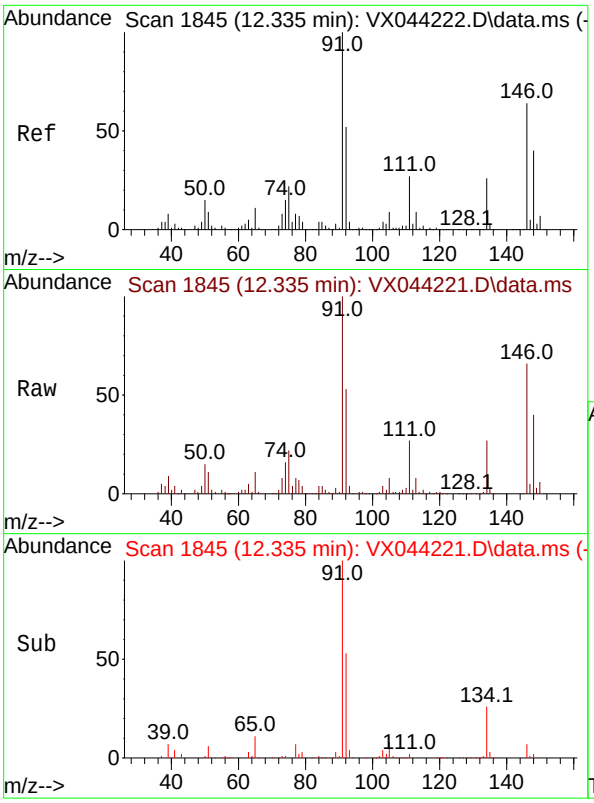


#90
Hexachloroethane
Concen: 17.543 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:117 Resp: 15939

Ion	Ratio	Lower	Upper
117	100		
201	66.8	31.4	94.2



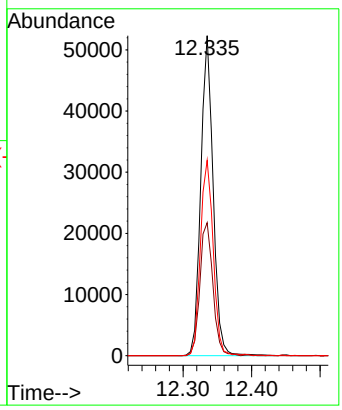


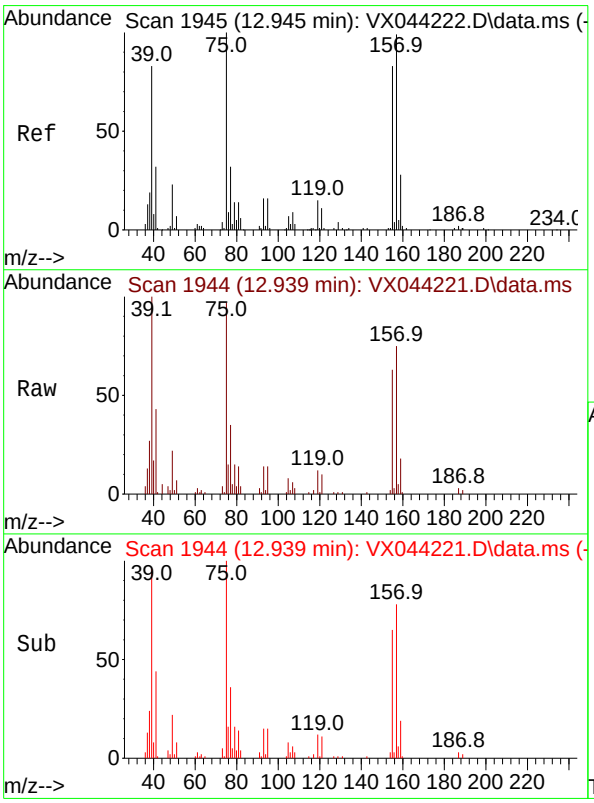
#91
1,2-Dichlorobenzene
Concen: 19.817 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 65511

Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.4	64.3
148	63.5	31.6	95.0

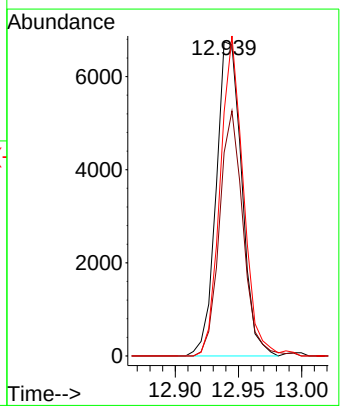


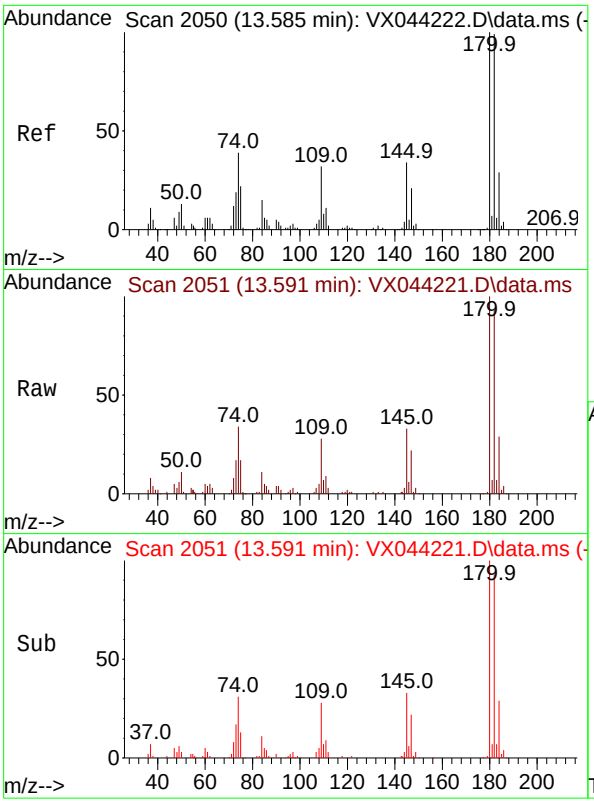


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.683 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 75 Resp: 9468

Ion	Ratio	Lower	Upper
75	100		
155	72.1	38.1	114.3
157	92.2	47.2	141.6



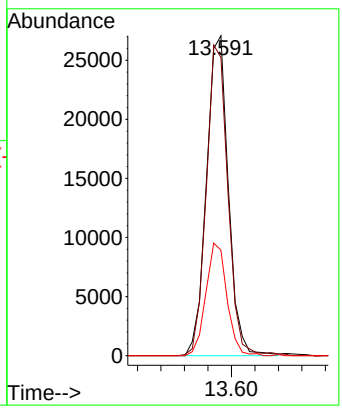


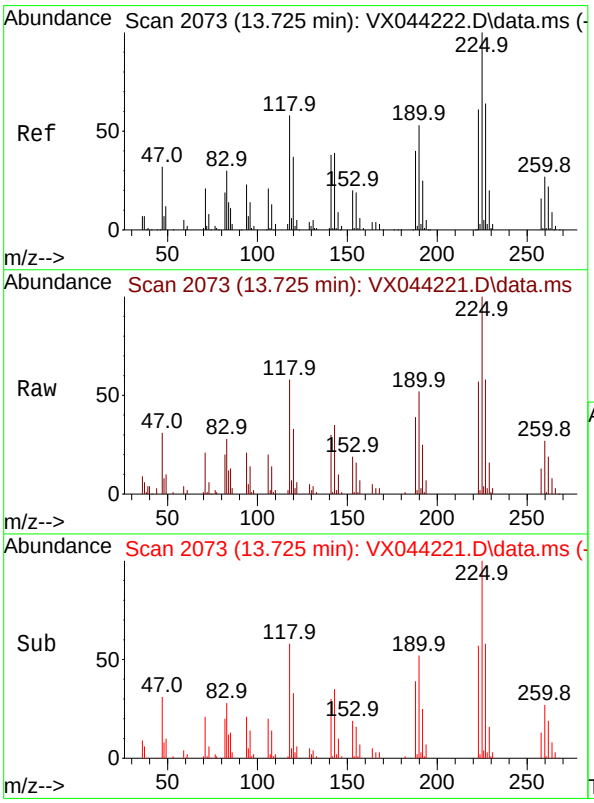
#93
1,2,4-Trichlorobenzene
Concen: 19.313 ug/l
RT: 13.591 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:180 Resp: 35001

Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.0	144.2
145	33.9	16.6	49.7

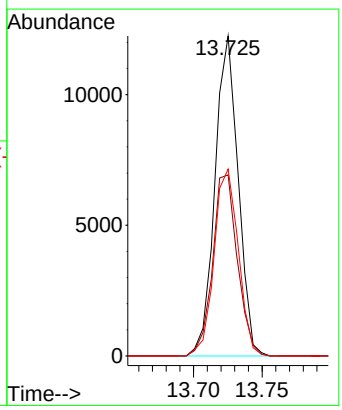


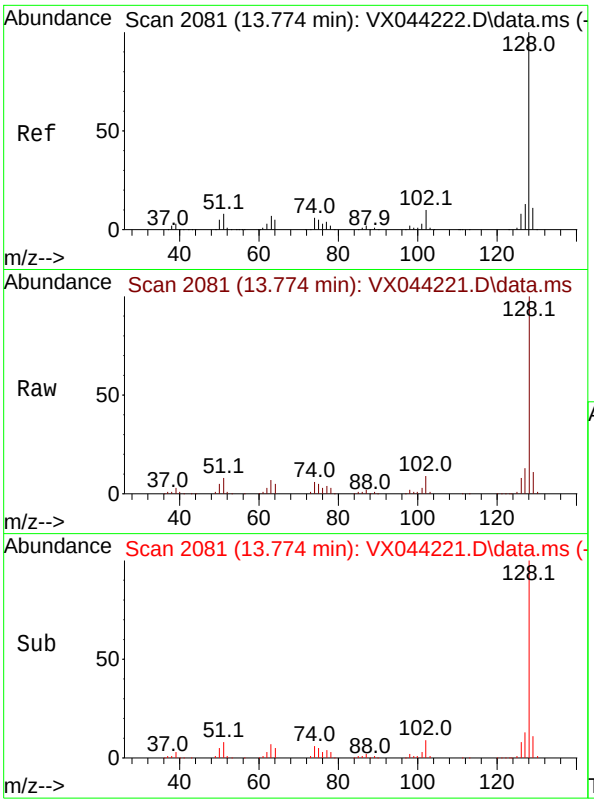


#94
Hexachlorobutadiene
Concen: 19.774 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:225 Resp: 14415

Ion	Ratio	Lower	Upper
225	100		
223	60.5	30.8	92.4
227	60.9	32.1	96.3



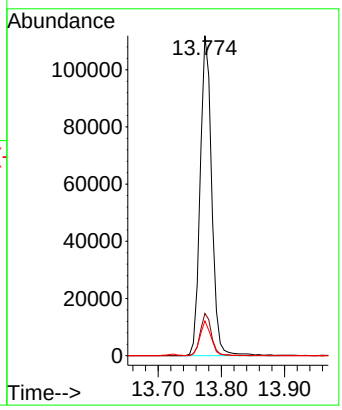


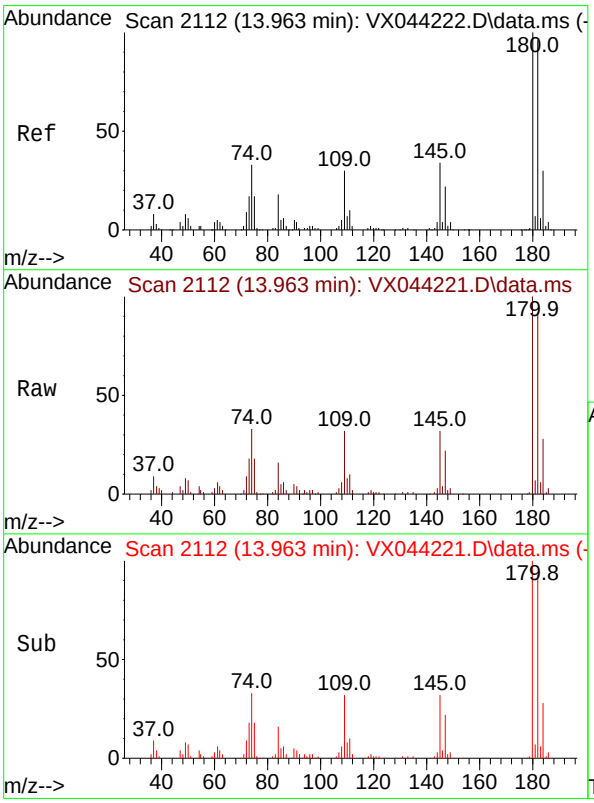
#95
Naphthalene
Concen: 20.146 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:128 Resp: 142515

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.4	9.0	13.4

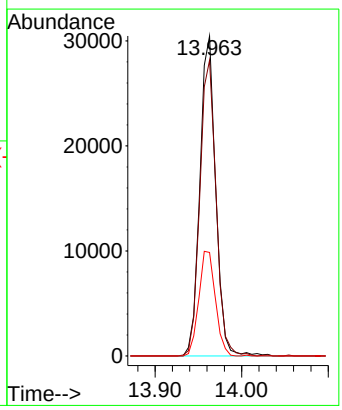




#96
1,2,3-Trichlorobenzene
Concen: 20.101 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:180 Resp: 38639

Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.0	144.0
145	34.3	17.7	53.1



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044222.D
Acq On : 11 Dec 2024 12:14
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Dec 12 04:15:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	125713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	233488	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	205196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	95227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	115815	52.544	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.080%			
35) Dibromofluoromethane	5.385	113	85656	52.968	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.940%			
50) Toluene-d8	8.647	98	292199	53.559	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.120%			
62) 4-Bromofluorobenzene	11.079	95	103178	54.123	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	99052	50.957	ug/l	100
3) Chloromethane	1.295	50	94981	51.097	ug/l	100
4) Vinyl Chloride	1.374	62	98852	51.045	ug/l	100
5) Bromomethane	1.593	94	69250	50.405	ug/l	100
6) Chloroethane	1.666	64	66862	55.448	ug/l	100
7) Trichlorofluoromethane	1.868	101	193676	51.086	ug/l	100
8) Diethyl Ether	2.136	74	64542	49.875	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.313	101	77275	50.371	ug/l	100
10) Methyl Iodide	2.441	142	106509	52.678	ug/l	100
11) Tert butyl alcohol	2.995	59	80988	261.121	ug/l	98
12) 1,1-Dichloroethene	2.307	96	74884	53.143	ug/l	100
13) Acrolein	2.239	56	116171	258.347	ug/l	100
14) Allyl chloride	2.654	41	126925	54.079	ug/l	100
15) Acrylonitrile	3.069	53	225330	261.859	ug/l	100
16) Acetone	2.392	43	239661	266.704	ug/l	100
17) Carbon Disulfide	2.502	76	144624	53.994	ug/l	100
18) Methyl Acetate	2.709	43	119808	51.710	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	289735	52.691	ug/l	100
20) Methylene Chloride	2.782	84	86593	51.305	ug/l	100
21) trans-1,2-Dichloroethene	3.081	96	77834	51.974	ug/l	100
22) Diisopropyl ether	3.764	45	273039	51.662	ug/l	100
23) Vinyl Acetate	3.721	43	1202044	279.754	ug/l	100
24) 1,1-Dichloroethane	3.605	63	156412	53.093	ug/l	100
25) 2-Butanone	4.562	43	344663	269.797	ug/l	100
26) 2,2-Dichloropropane	4.465	77	131428	54.914	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	97013	51.007	ug/l	100
28) Bromochloromethane	4.898	49	74477	51.555	ug/l	100
29) Tetrahydrofuran	5.007	42	212103	258.669	ug/l	100
30) Chloroform	5.087	83	168864	51.017	ug/l	100
31) Cyclohexane	5.465	56	122841	51.637	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	147834	53.806	ug/l	100
36) 1,1-Dichloropropene	5.690	75	103760	49.638	ug/l	100
37) Ethyl Acetate	4.721	43	135753	52.537	ug/l	100
38) Carbon Tetrachloride	5.672	117	117076	52.023	ug/l	100
39) Methylcyclohexane	7.373	83	129697	51.901	ug/l	100
40) Benzene	6.031	78	329154	51.863	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044222.D
Acq On : 11 Dec 2024 12:14
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Dec 12 04:15:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	70427	51.329	ug/l		100
42) 1,2-Dichloroethane	6.086	62	136309	52.138	ug/l		100
43) Isopropyl Acetate	6.342	43	213891	52.961	ug/l		100
44) Trichloroethene	7.123	130	81542	51.521	ug/l		100
45) 1,2-Dichloropropane	7.428	63	83376	51.420	ug/l		100
46) Dibromomethane	7.580	93	66786	53.092	ug/l		100
47) Bromodichloromethane	7.824	83	118634	54.607	ug/l		100
48) Methyl methacrylate	7.696	41	103726	52.909	ug/l		100
49) 1,4-Dioxane	7.671	88	28266	843.658	ug/l	#	77
51) 4-Methyl-2-Pentanone	8.574	43	688666	265.203	ug/l		100
52) Toluene	8.714	92	204738	51.370	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	120007	51.362	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	132286	55.923	ug/l		100
55) 1,1,2-Trichloroethane	9.153	97	83488	52.729	ug/l		100
56) Ethyl methacrylate	9.116	69	134770	53.917	ug/l		100
57) 1,3-Dichloropropane	9.305	76	143044	51.904	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	342592	271.745	ug/l		100
59) 2-Hexanone	9.433	43	512906	272.881	ug/l		100
60) Dibromochloromethane	9.519	129	86352	51.400	ug/l		100
61) 1,2-Dibromoethane	9.604	107	86150	53.454	ug/l		100
64) Tetrachloroethene	9.269	164	65888	48.379	ug/l		100
65) Chlorobenzene	10.080	112	223269	50.779	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	76867	54.396	ug/l		100
67) Ethyl Benzene	10.189	91	395430	52.050	ug/l		100
68) m/p-Xylenes	10.299	106	290181	104.094	ug/l		100
69) o-Xylene	10.640	106	144247	51.141	ug/l		100
70) Styrene	10.653	104	238379	52.719	ug/l		100
71) Bromoform	10.799	173	50667	51.158	ug/l	#	100
73) Isopropylbenzene	10.957	105	372519	51.100	ug/l		100
74) N-amyl acetate	10.842	43	182491	54.166	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.213	83	127193	50.233	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	139805	64.698	ug/l		85
77) Bromobenzene	11.195	156	89687	50.734	ug/l		100
78) n-propylbenzene	11.305	91	428741	53.211	ug/l		100
79) 2-Chlorotoluene	11.360	91	263849	50.634	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	314986	52.102	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	35119	47.628	ug/l		100
82) 4-Chlorotoluene	11.451	91	296520	51.387	ug/l		100
83) tert-Butylbenzene	11.713	119	310320	51.940	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	313338	52.776	ug/l		100
85) sec-Butylbenzene	11.890	105	379552	52.329	ug/l		100
86) p-Isopropyltoluene	12.006	119	318721	52.796	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	160223	51.887	ug/l		100
88) 1,4-Dichlorobenzene	12.043	146	159258	50.171	ug/l		100
89) n-Butylbenzene	12.329	91	270840	53.354	ug/l		100
90) Hexachloroethane	12.536	117	48303	54.813	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	164342	51.256	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26027	52.951	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	93173	53.005	ug/l		100
94) Hexachlorobutadiene	13.725	225	35172	49.744	ug/l		100
95) Naphthalene	13.774	128	365234	53.230	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	97000	52.027	ug/l		100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044222.D
Acq On : 11 Dec 2024 12:14
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Dec 12 04:15:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

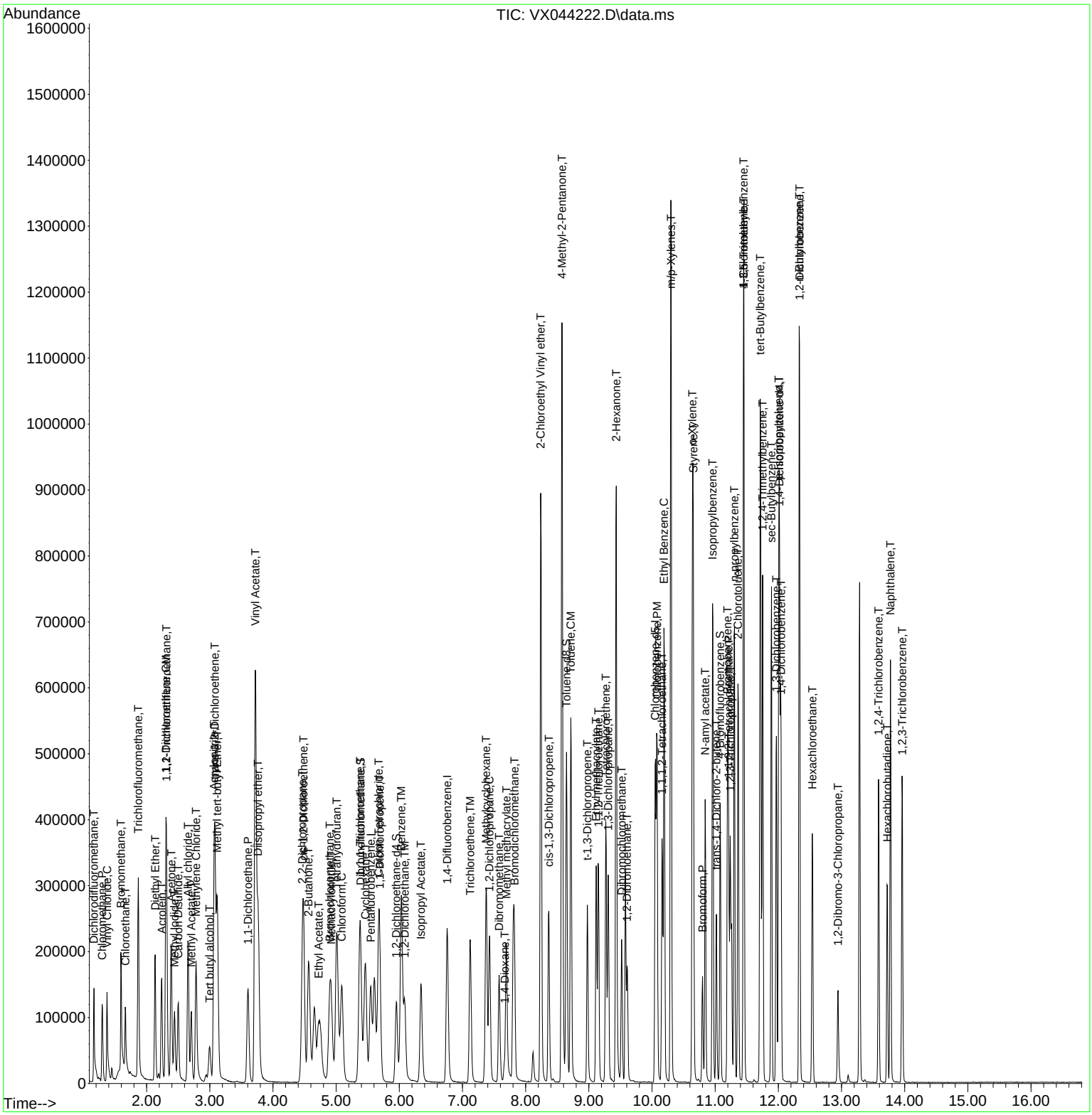
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

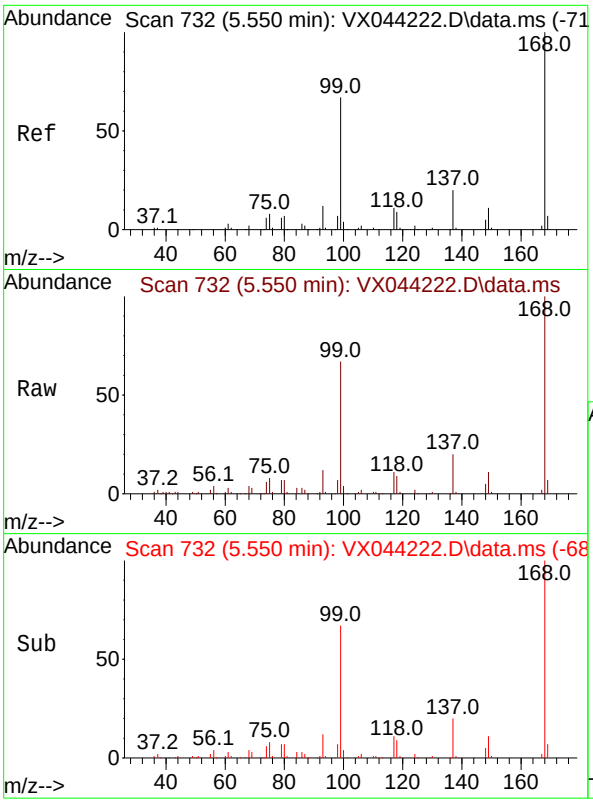
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044222.D
Acq On : 11 Dec 2024 12:14
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Dec 12 04:15:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration



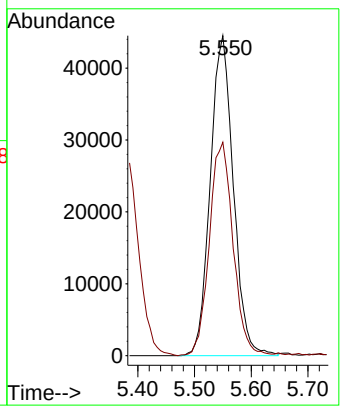


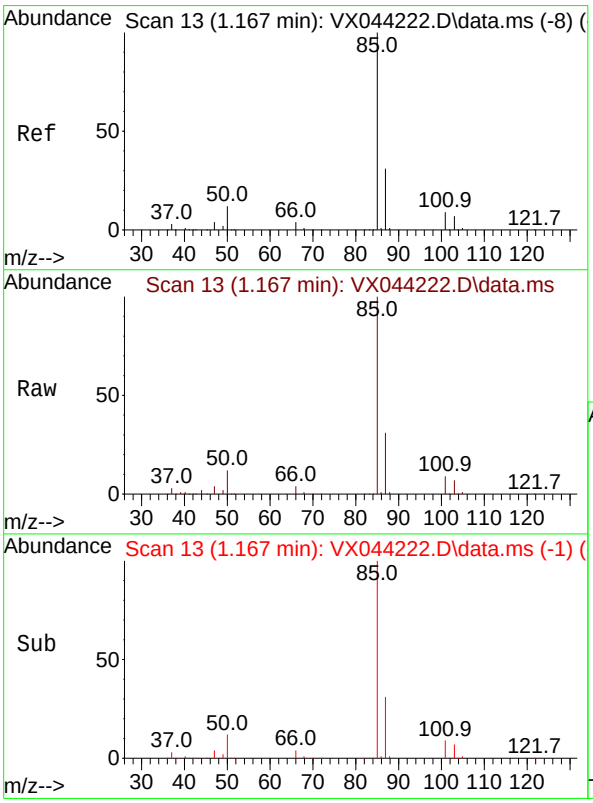
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:168 Resp: 125713

Ion	Ratio	Lower	Upper
168	100		
99	66.7	53.4	80.0

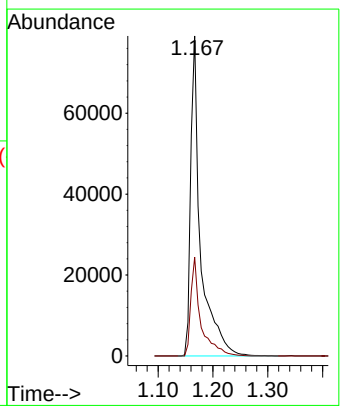


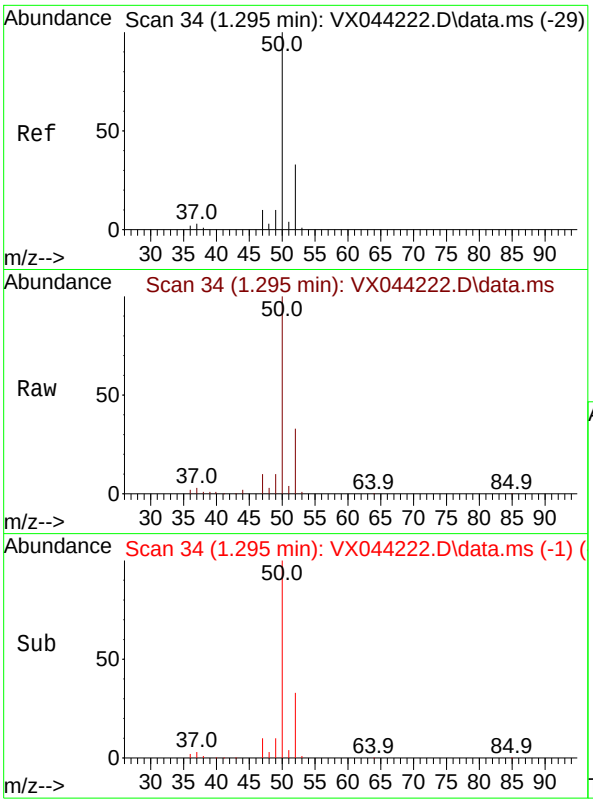


#2
Dichlorodifluoromethane
Concen: 50.957 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 85 Resp: 99052

Ion	Ratio	Lower	Upper
85	100		
87	30.9	15.4	46.4



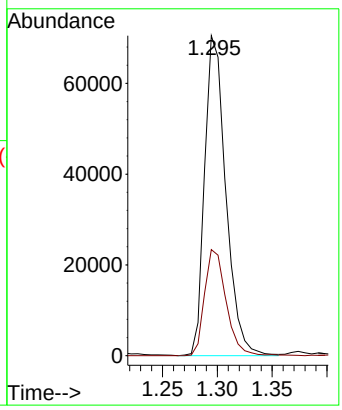


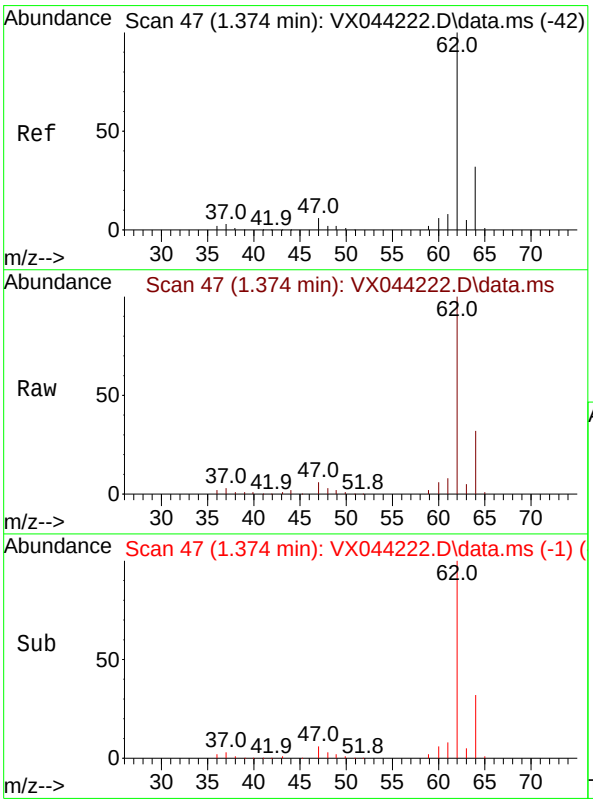
#3
Chloromethane
Concen: 51.097 ug/l
RT: 1.295 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 50 Resp: 94981

Ion	Ratio	Lower	Upper
50	100		
52	33.1	26.5	39.7

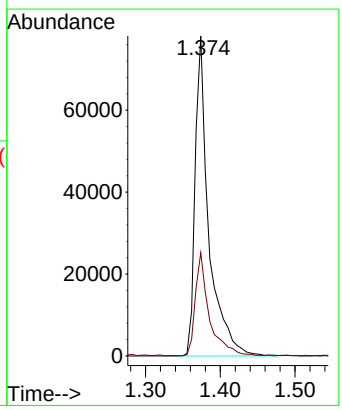


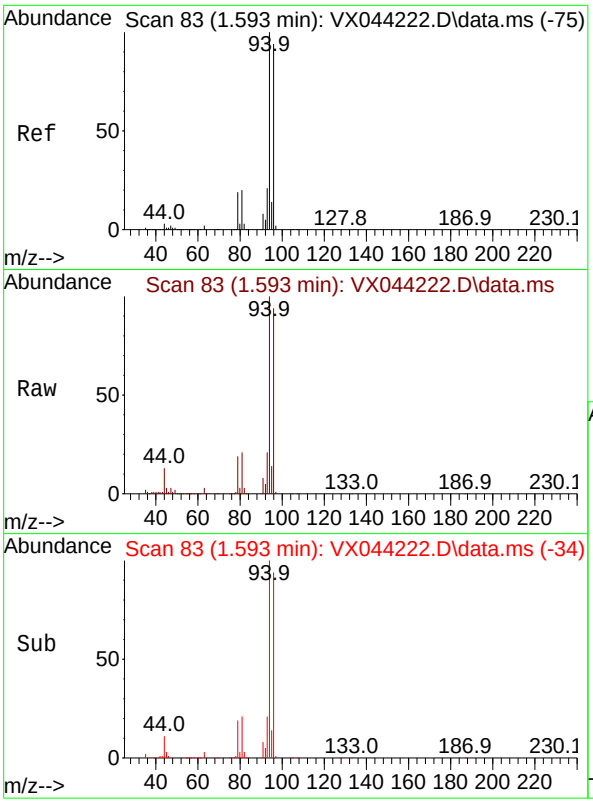


#4
Vinyl Chloride
Concen: 51.045 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 62 Resp: 98852

Ion	Ratio	Lower	Upper
62	100		
64	32.1	25.7	38.5



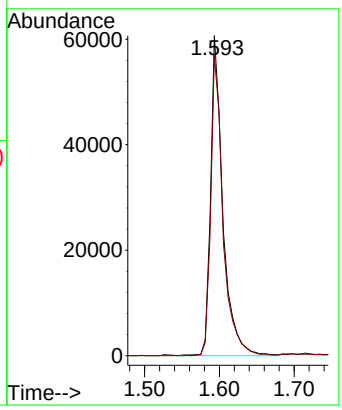


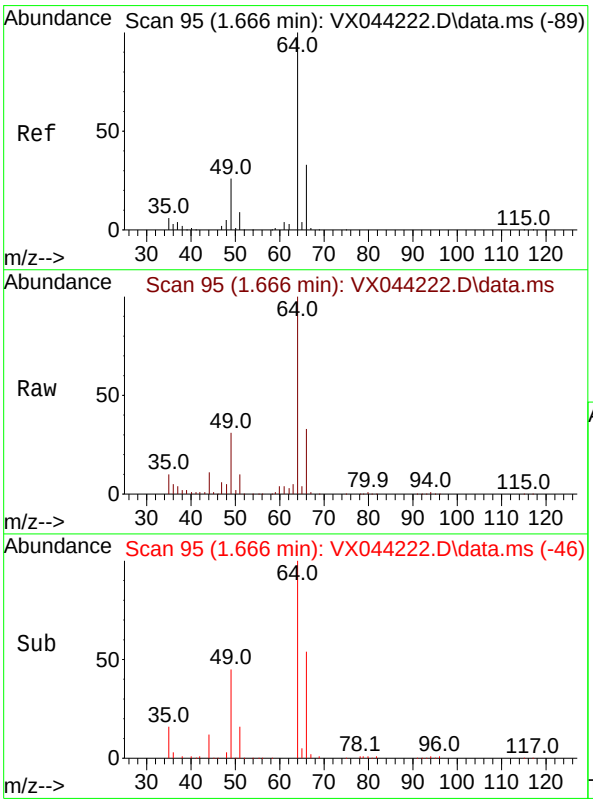
#5
Bromomethane
Concen: 50.405 ug/l
RT: 1.593 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 94 Resp: 69250

Ion	Ratio	Lower	Upper
94	100		
96	93.6	74.9	112.3

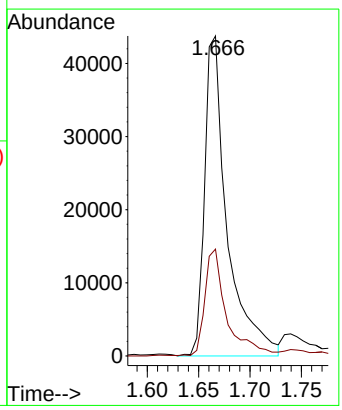


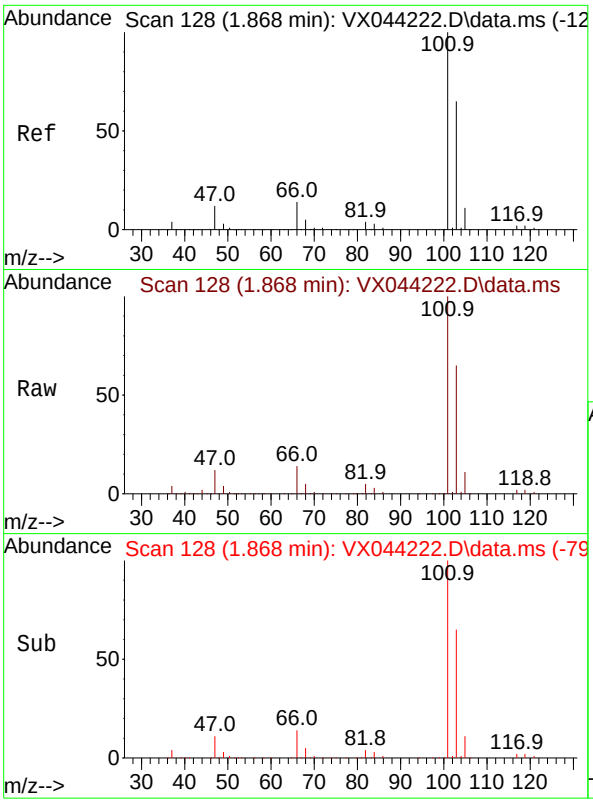


#6
Chloroethane
Concen: 55.448 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 64 Resp: 66862

Ion	Ratio	Lower	Upper
64	100		
66	33.2	26.6	39.8



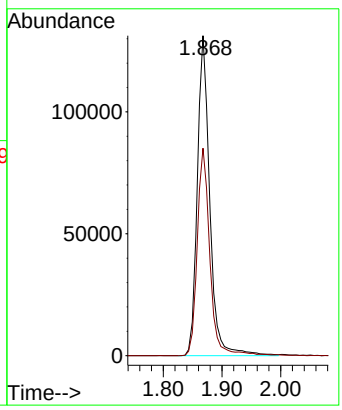


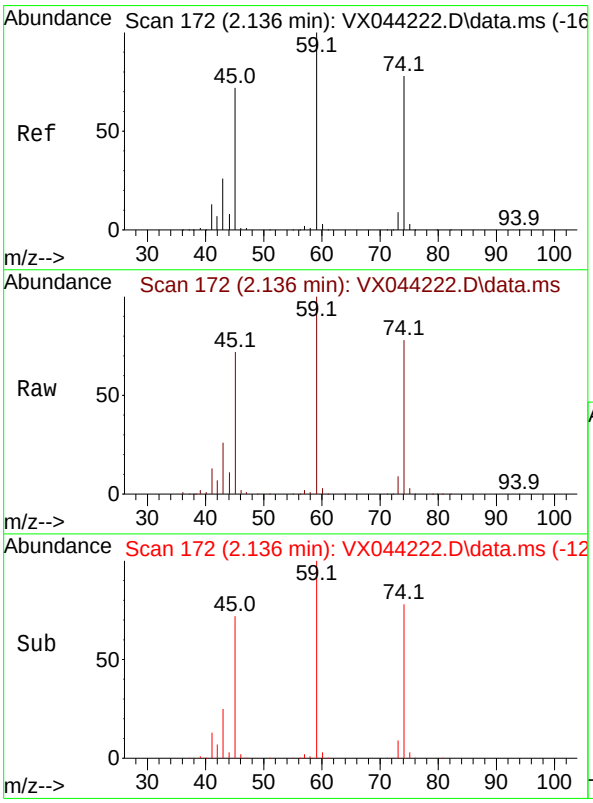
#7
Trichlorofluoromethane
Concen: 51.086 ug/l
RT: 1.868 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 193676

Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.8	77.8

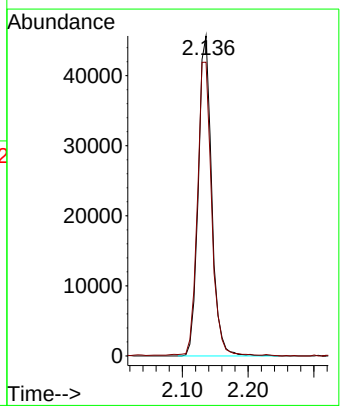


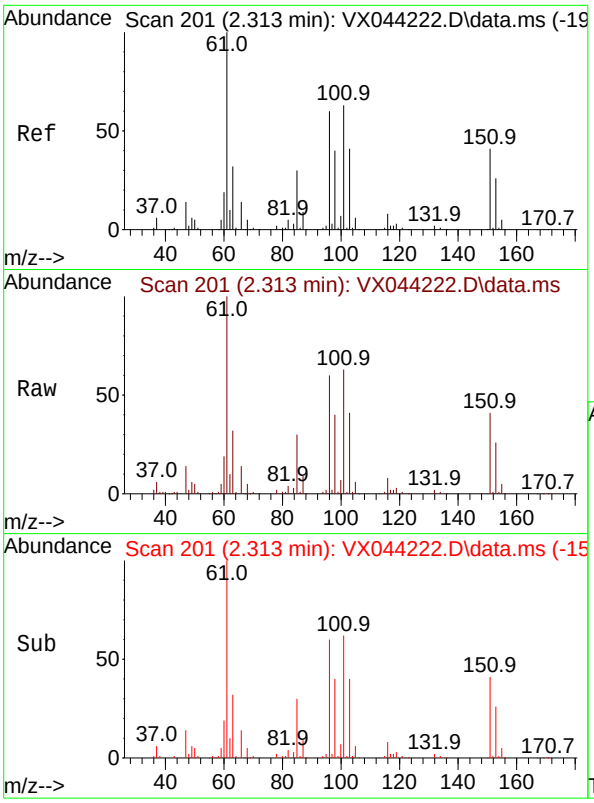


#8
Diethyl Ether
Concen: 49.875 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 74 Resp: 64542

Ion	Ratio	Lower	Upper
74	100		
45	96.7	48.4	145.0



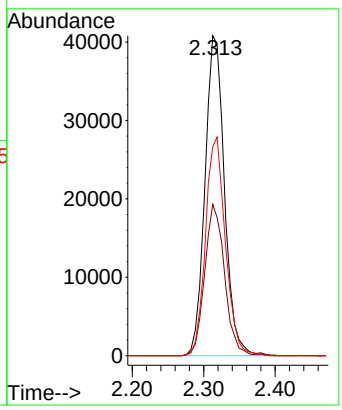


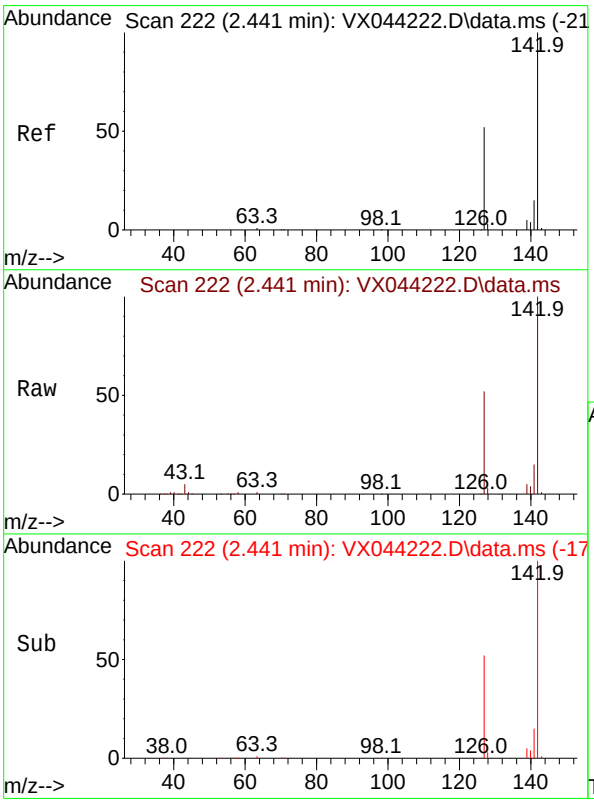
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.371 ug/l
RT: 2.313 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 77275

Ion	Ratio	Lower	Upper
101	100		
85	48.1	38.5	57.7
151	69.7	55.8	83.6

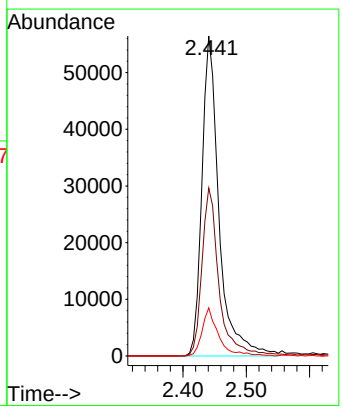


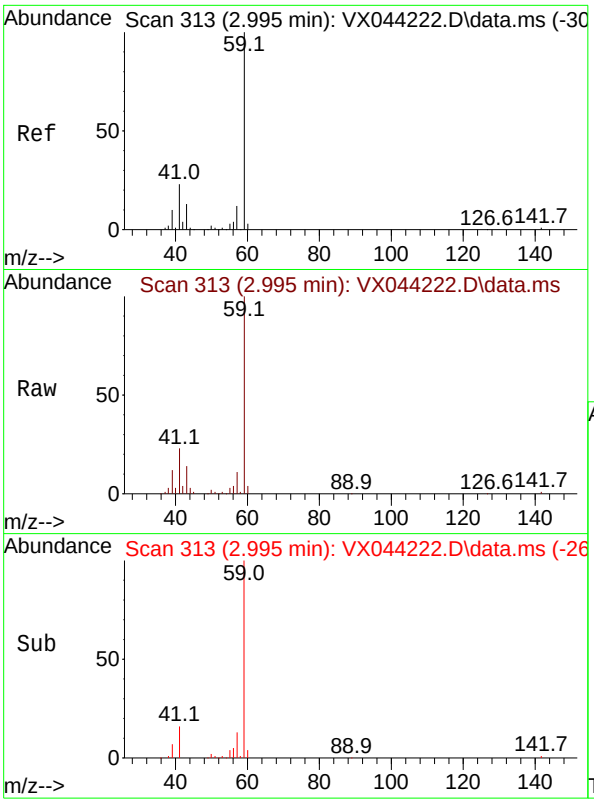


#10
Methyl Iodide
Concen: 52.678 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:142 Resp: 106509

Ion	Ratio	Lower	Upper
142	100		
127	52.3	41.8	62.8
141	14.4	11.5	17.3



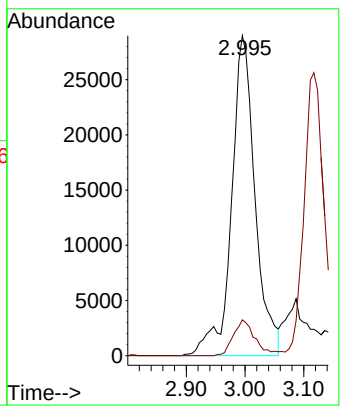


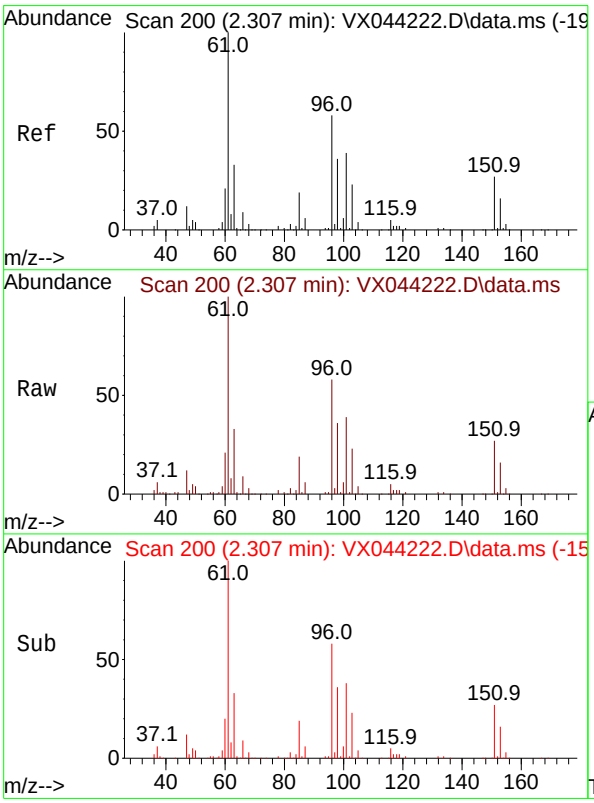
#11
Tert butyl alcohol
Concen: 261.121 ug/l
RT: 2.995 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 80988

Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.8	13.2

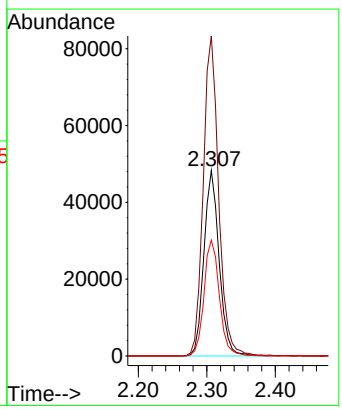


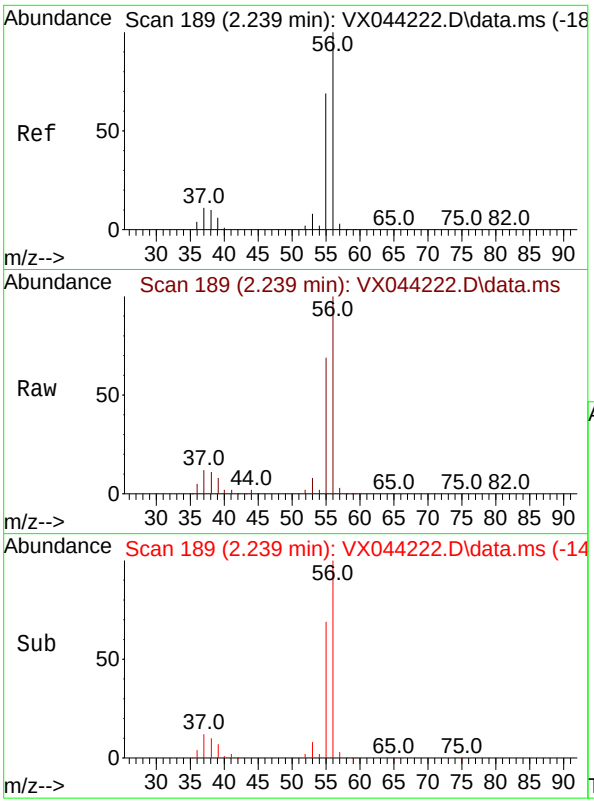


#12
1,1-Dichloroethene
Concen: 53.143 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 96 Resp: 74884

Ion	Ratio	Lower	Upper
96	100		
61	172.5	138.0	207.0
98	62.5	50.0	75.0



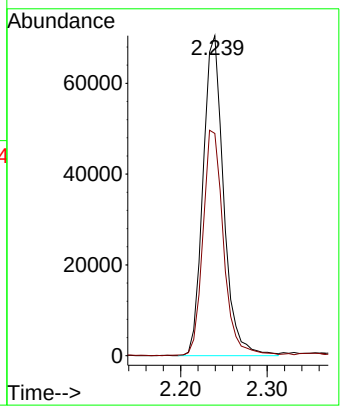


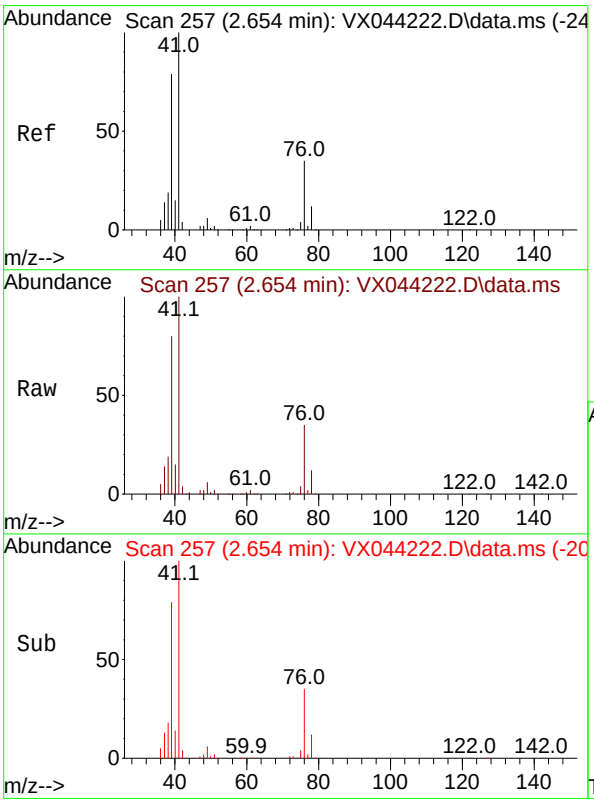
#13
Acrolein
Concen: 258.347 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 116171

Ion	Ratio	Lower	Upper
56	100		
55	70.7	56.6	84.8

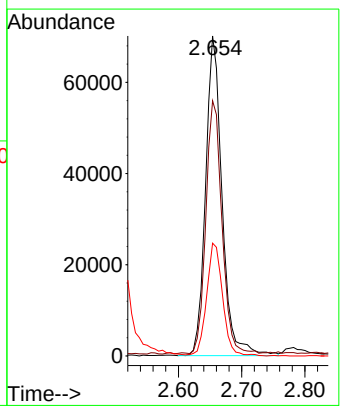


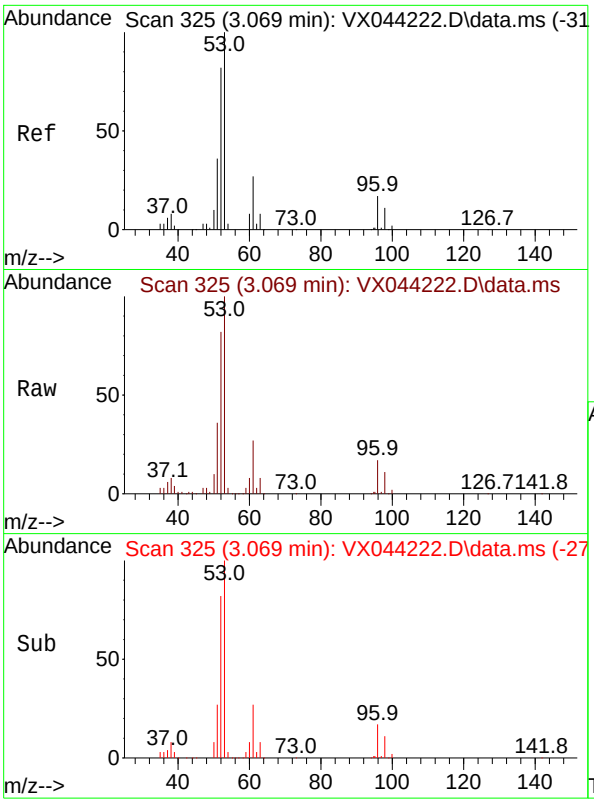


#14
Allyl chloride
Concen: 54.079 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 41 Resp: 126925

Ion	Ratio	Lower	Upper
41	100		
39	77.4	61.9	92.9
76	34.3	27.4	41.2



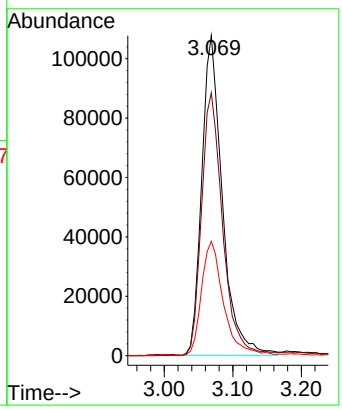


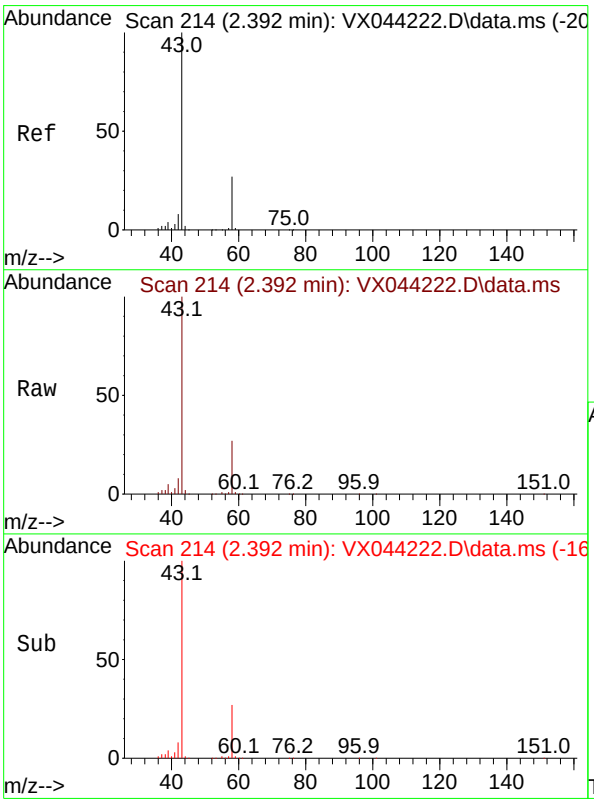
#15
Acrylonitrile
Concen: 261.859 ug/l
RT: 3.069 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 53 Resp: 225330

Ion	Ratio	Lower	Upper
53	100		
52	84.2	67.4	101.0
51	37.9	30.3	45.5

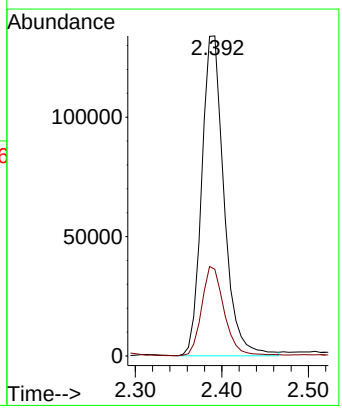


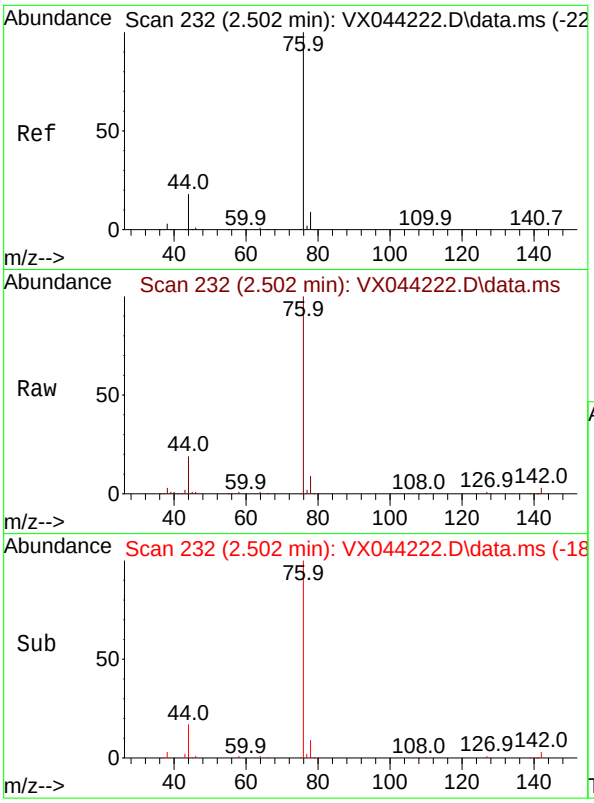


#16
Acetone
Concen: 266.704 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 43 Resp: 239661

Ion	Ratio	Lower	Upper
43	100		
58	27.0	21.6	32.4



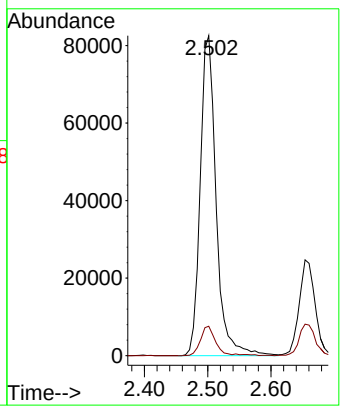


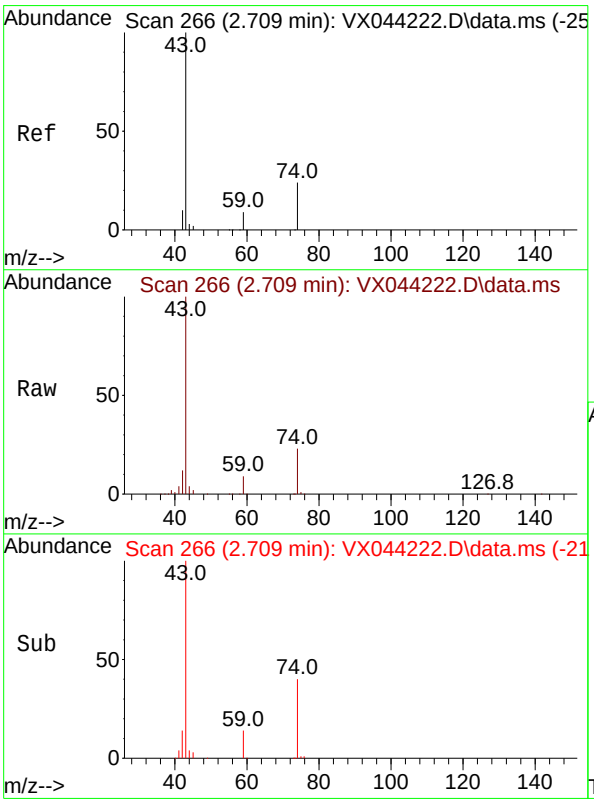
#17
Carbon Disulfide
Concen: 53.994 ug/l
RT: 2.502 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 144624

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

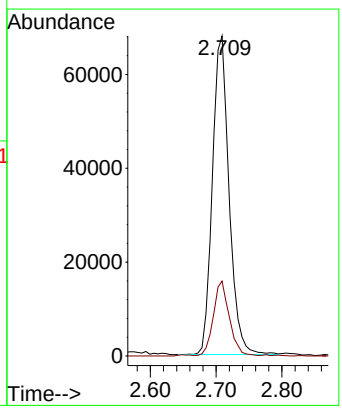


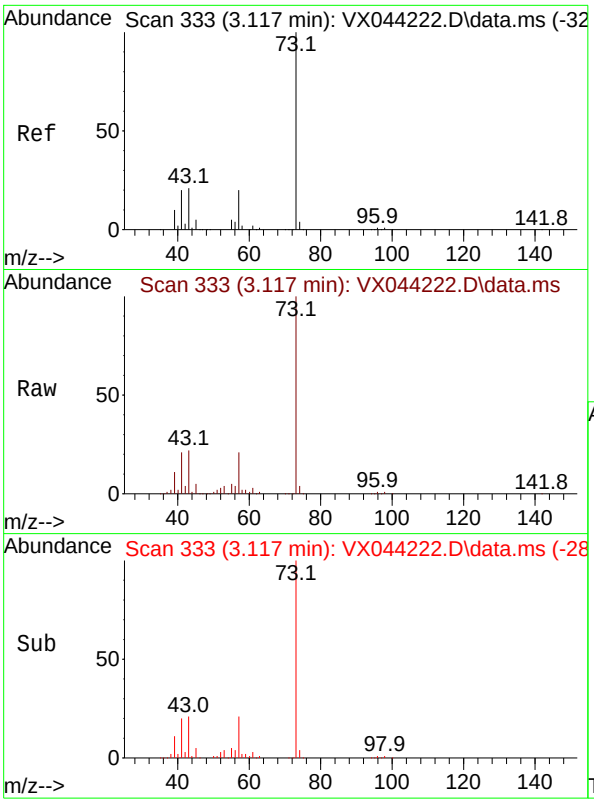


#18
Methyl Acetate
Concen: 51.710 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 43 Resp: 119808

Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.7	26.5



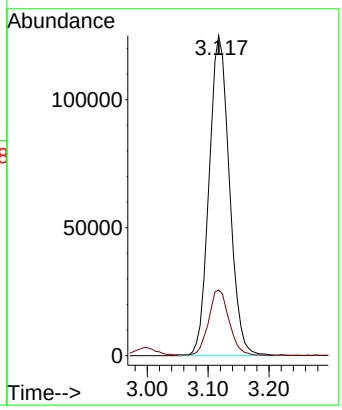


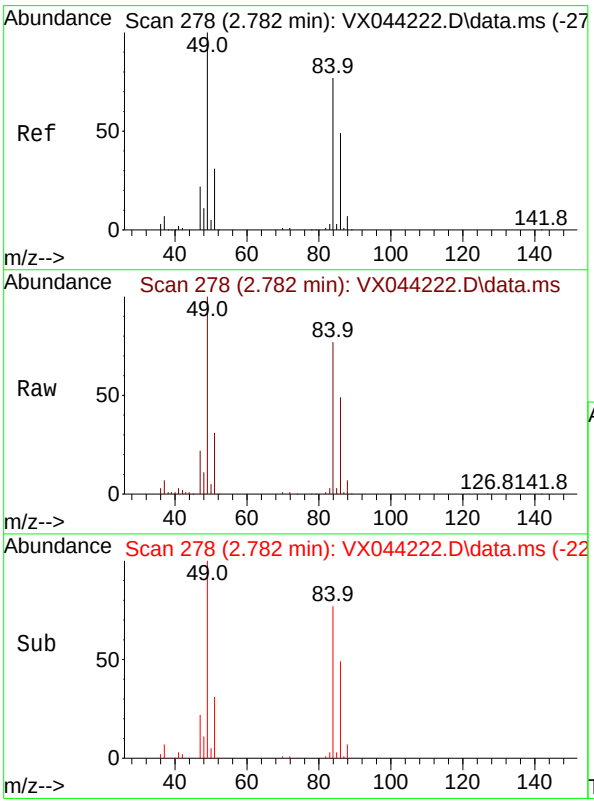
#19
Methyl tert-butyl Ether
Concen: 52.691 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 289735

Ion	Ratio	Lower	Upper
73	100		
57	20.3	16.2	24.4

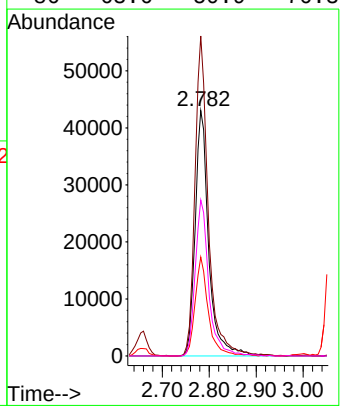


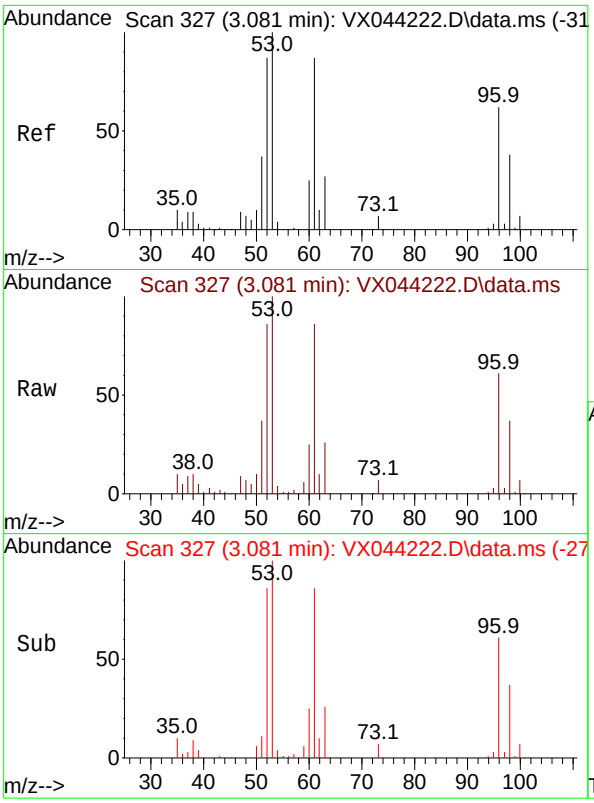


#20
Methylene Chloride
Concen: 51.305 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 84 Resp: 86593

Ion	Ratio	Lower	Upper
84	100		
49	130.3	104.2	156.4
51	40.3	32.2	48.4
86	63.6	50.9	76.3



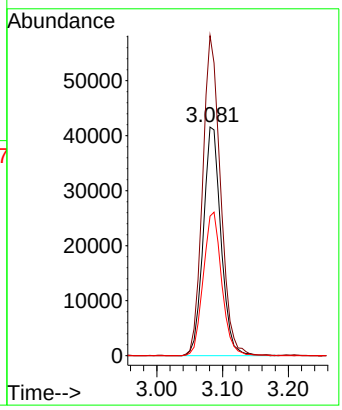


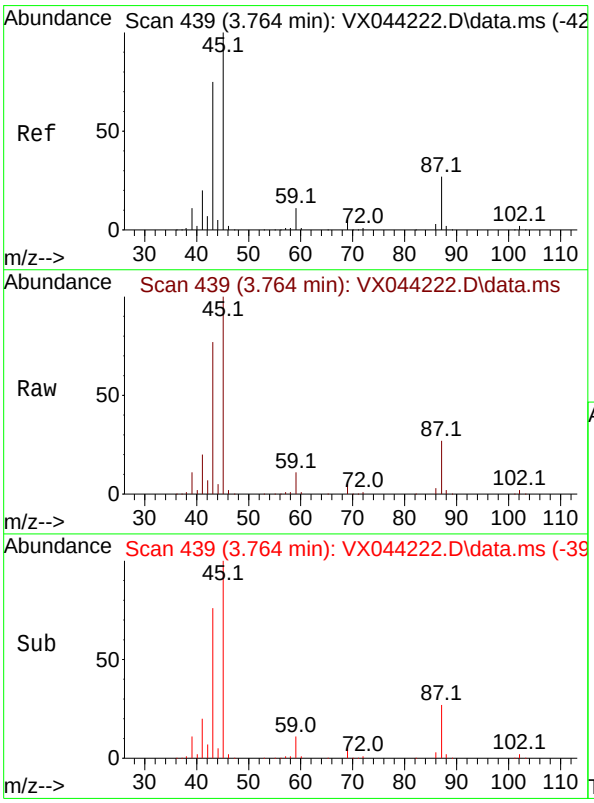
#21
trans-1,2-Dichloroethene
Concen: 51.974 ug/l
RT: 3.081 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 77834

Ion	Ratio	Lower	Upper
96	100		
61	140.0	112.0	168.0
98	61.0	48.8	73.2

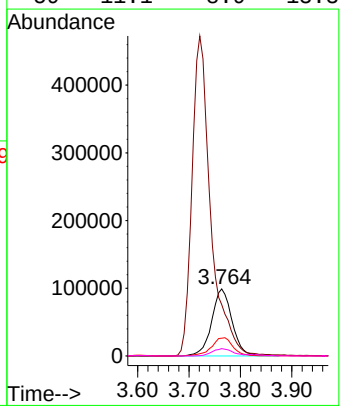


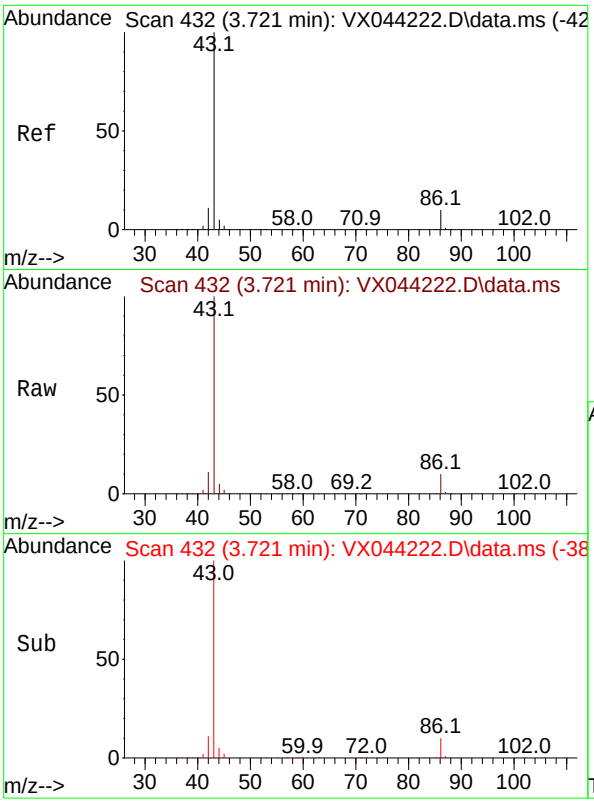


#22
Diisopropyl ether
Concen: 51.662 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 45 Resp: 273039

Ion	Ratio	Lower	Upper
45	100		
43	75.2	60.2	90.2
87	26.5	21.2	31.8
59	11.1	8.9	13.3



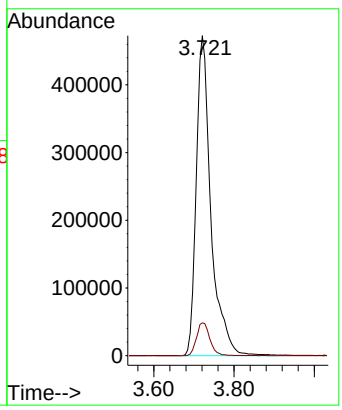


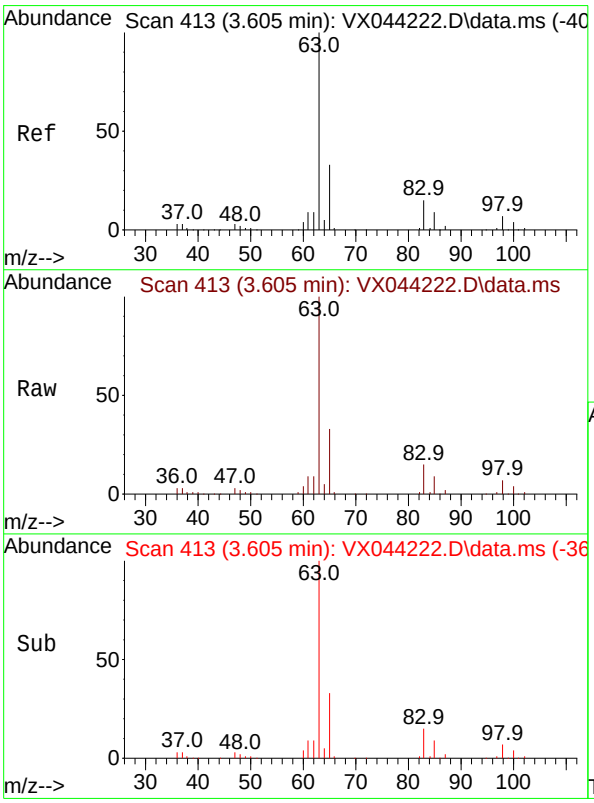
#23
Vinyl Acetate
Concen: 279.754 ug/l
RT: 3.721 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 1202044

Ion	Ratio	Lower	Upper
43	100		
86	10.2	8.2	12.2

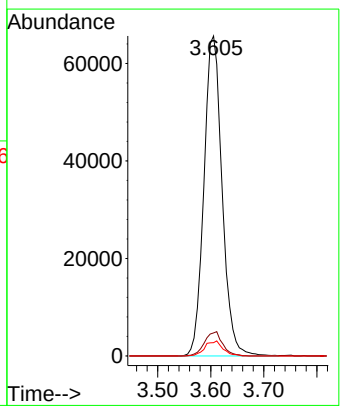


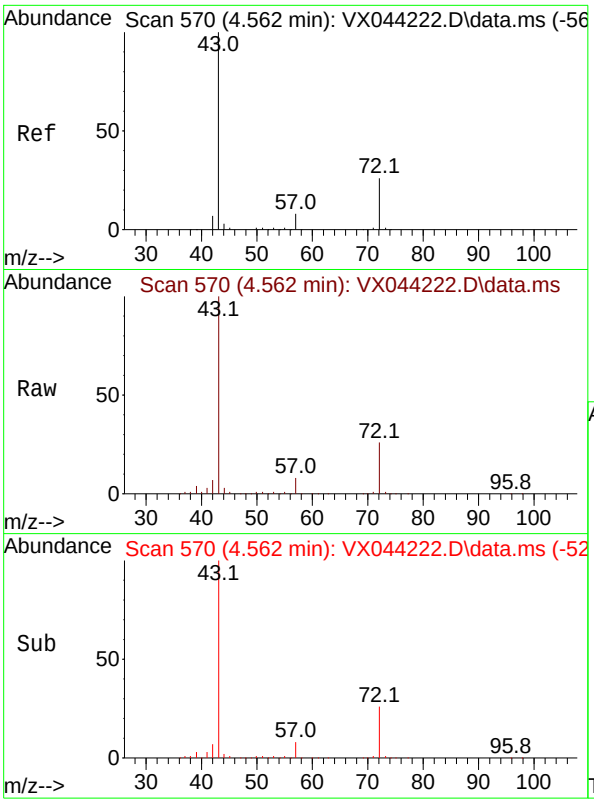


#24
1,1-Dichloroethane
Concen: 53.093 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 63 Resp: 156412

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.6	10.8
100	4.2	2.1	6.3



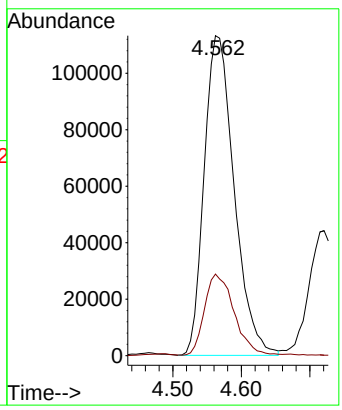


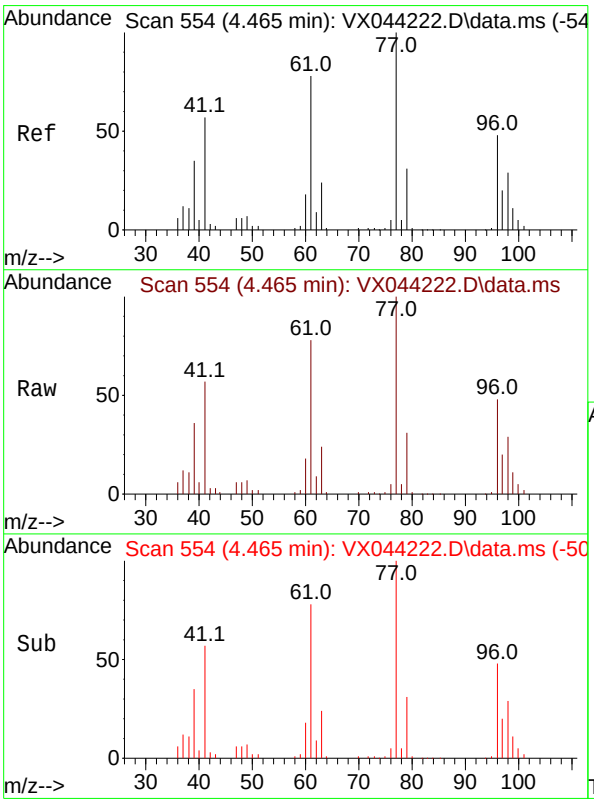
#25
2-Butanone
Concen: 269.797 ug/l
RT: 4.562 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 344663

Ion	Ratio	Lower	Upper
43	100		
72	25.3	20.2	30.4

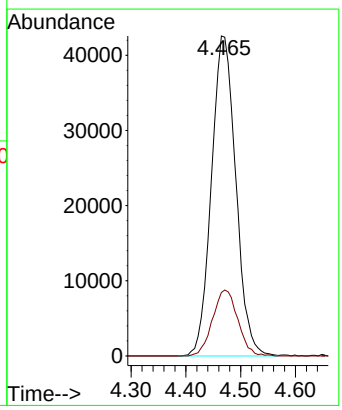


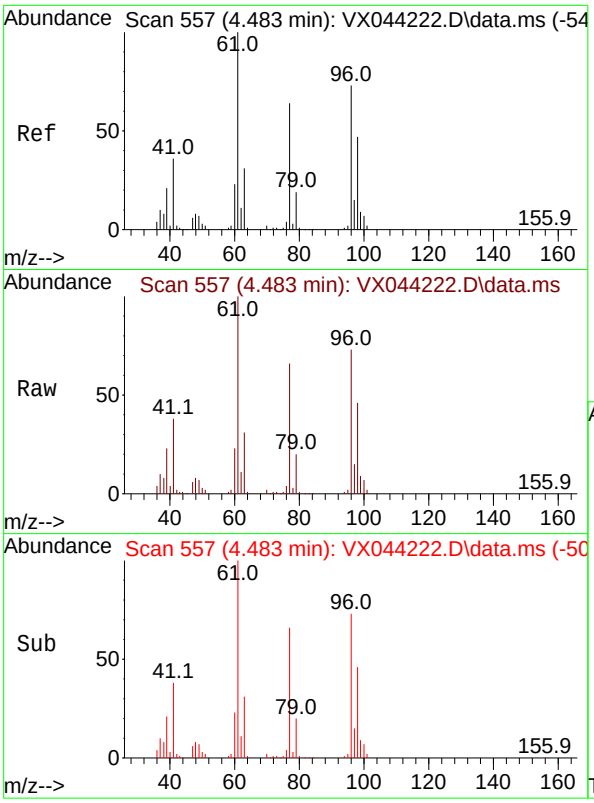


#26
2,2-Dichloropropane
Concen: 54.914 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 77 Resp: 131428

Ion	Ratio	Lower	Upper
77	100		
97	21.4	10.7	32.1



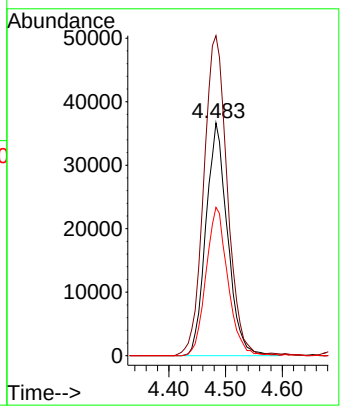


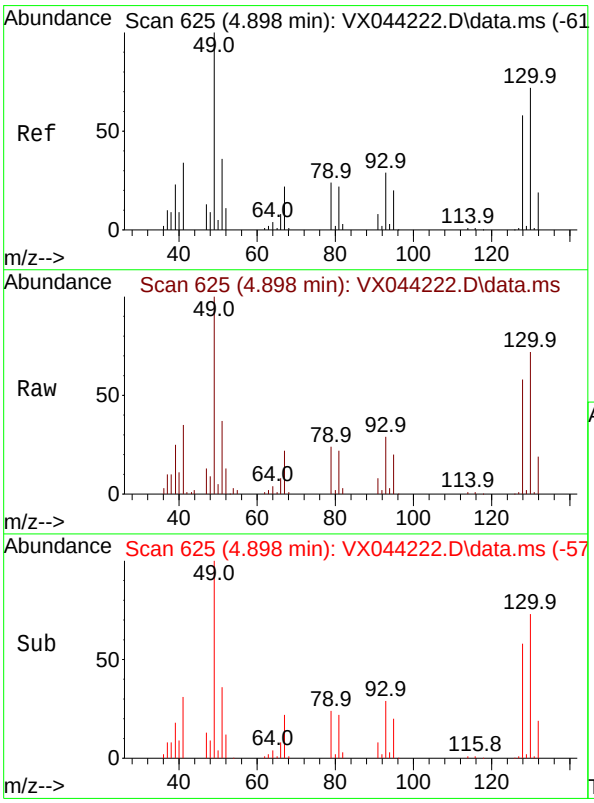
#27
cis-1,2-Dichloroethene
Concen: 51.007 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 97013

Ion	Ratio	Lower	Upper
96	100		
61	149.5	0.0	299.0
98	64.5	0.0	129.0

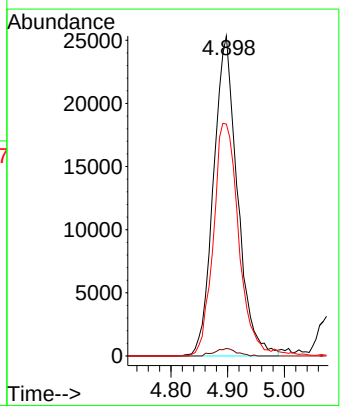


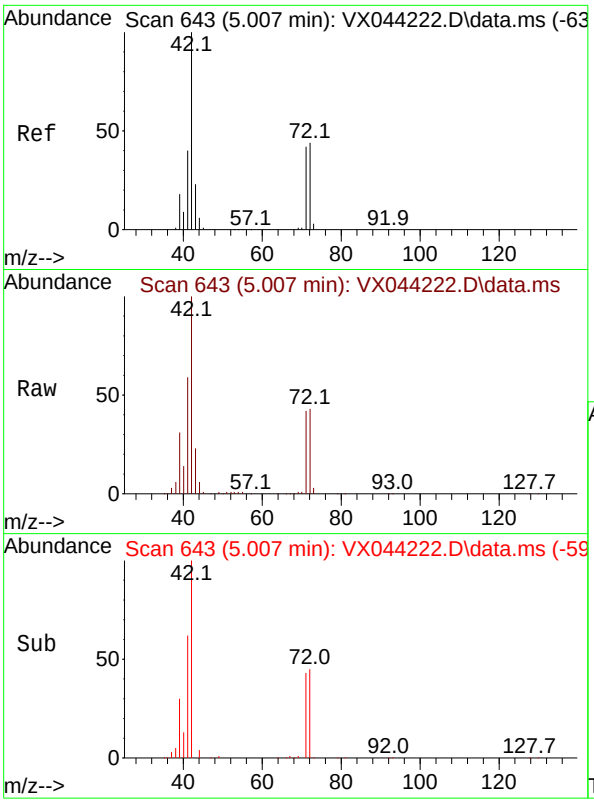


#28
Bromochloromethane
Concen: 51.555 ug/l
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 49 Resp: 74477

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	77.6	62.1	93.1



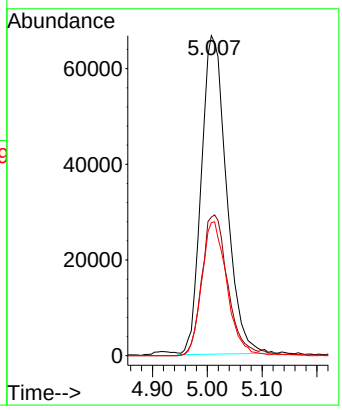


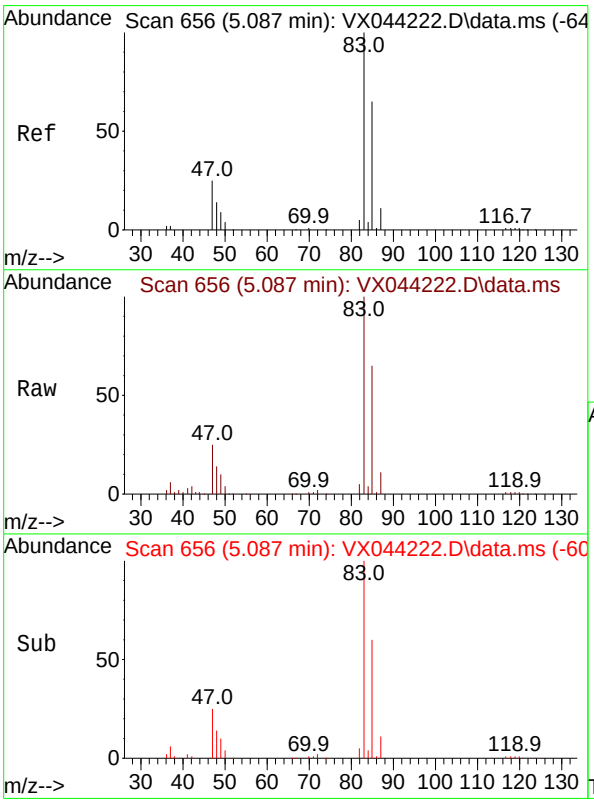
#29
Tetrahydrofuran
Concen: 258.669 ug/l
RT: 5.007 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 212103

Ion	Ratio	Lower	Upper
42	100		
72	46.3	37.0	55.6
71	42.0	33.6	50.4

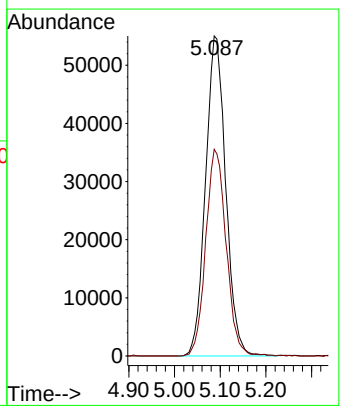


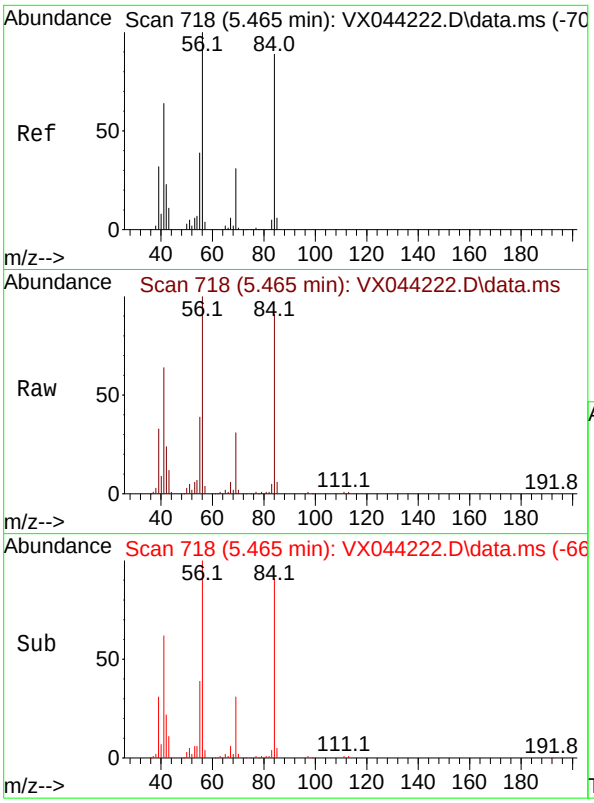


#30
Chloroform
Concen: 51.017 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 83 Resp: 168864

Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.6	77.4



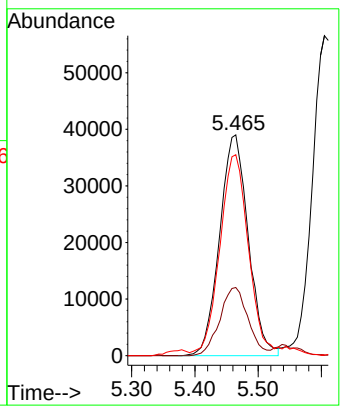


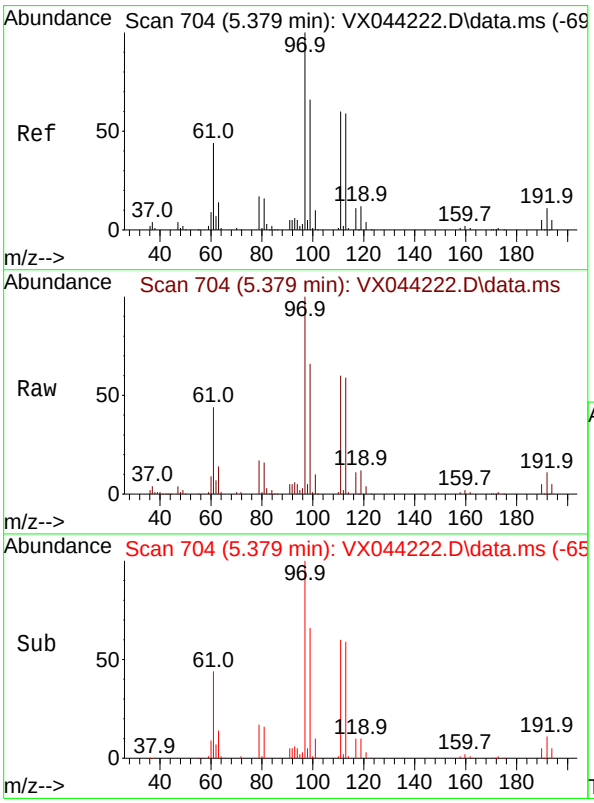
#31
Cyclohexane
Concen: 51.637 ug/l
RT: 5.465 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 122841

Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.7	37.1
84	88.8	71.0	106.6

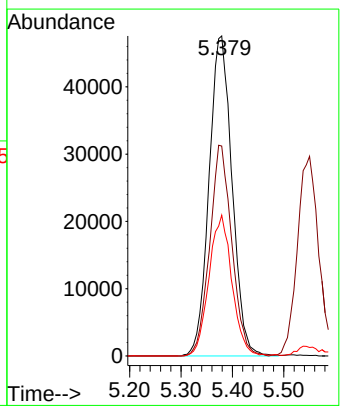


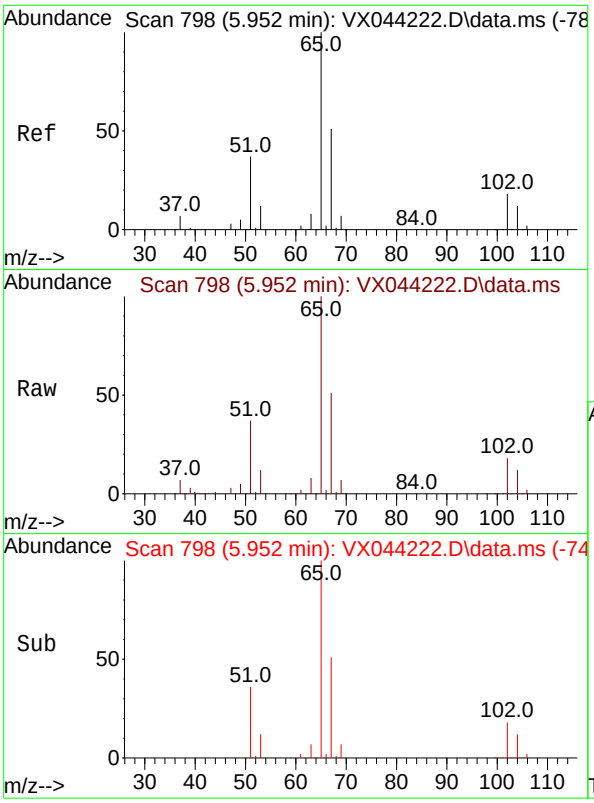


#32
1,1,1-Trichloroethane
Concen: 53.806 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 97 Resp: 147834

Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.8	76.2
61	44.0	35.2	52.8



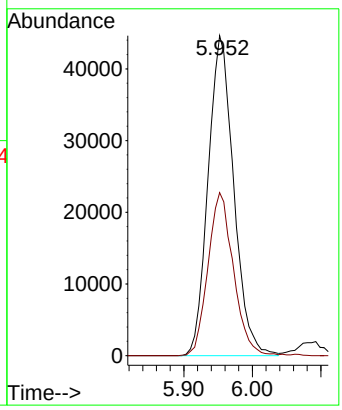


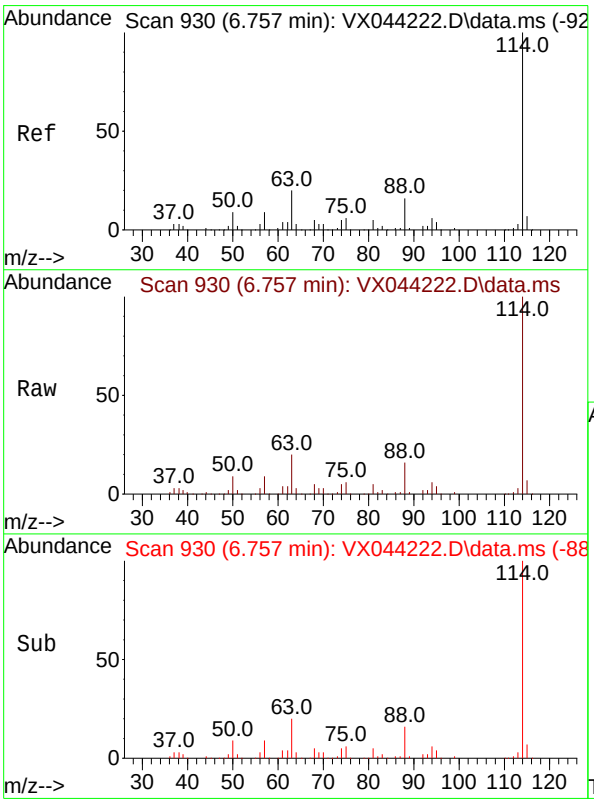
#33
1,2-Dichloroethane-d4
Concen: 52.544 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 115815

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	101.6

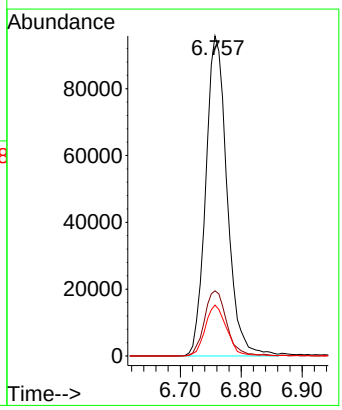


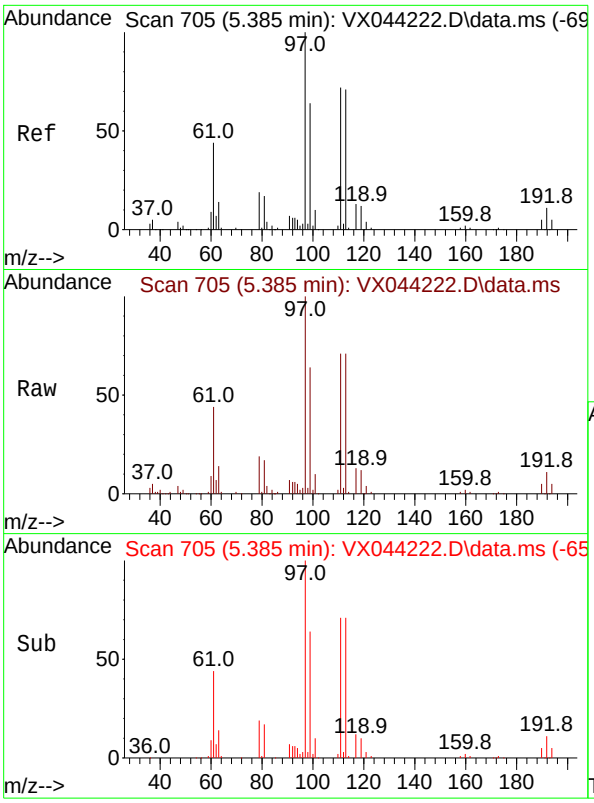


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:114 Resp: 233488

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.6
88	15.9	0.0	31.8



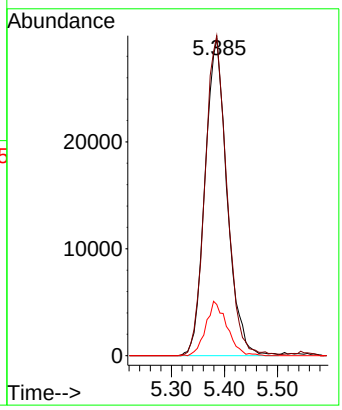


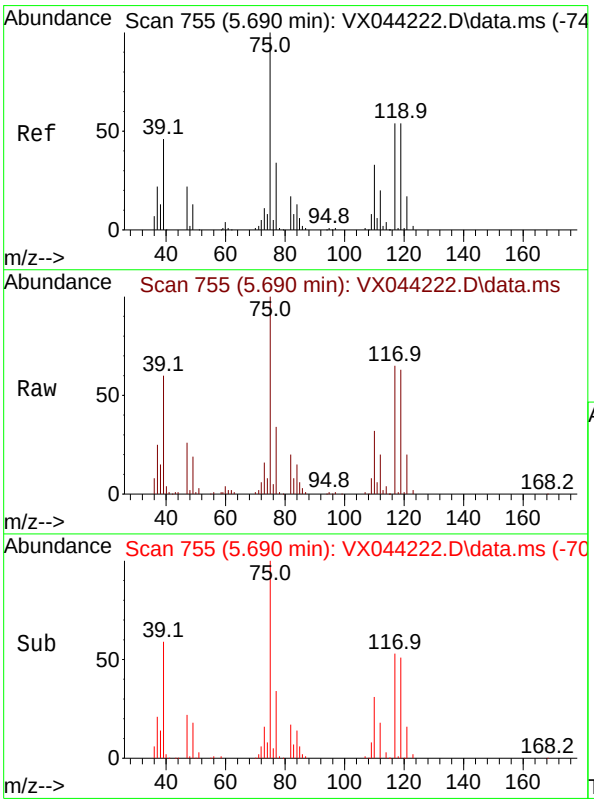
#35
Dibromofluoromethane
Concen: 52.968 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:113 Resp: 85656

Ion	Ratio	Lower	Upper
113	100		
111	100.5	80.4	120.6
192	16.6	13.3	19.9

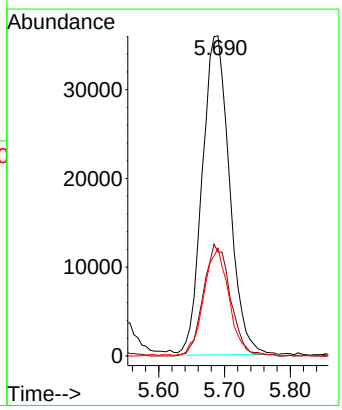


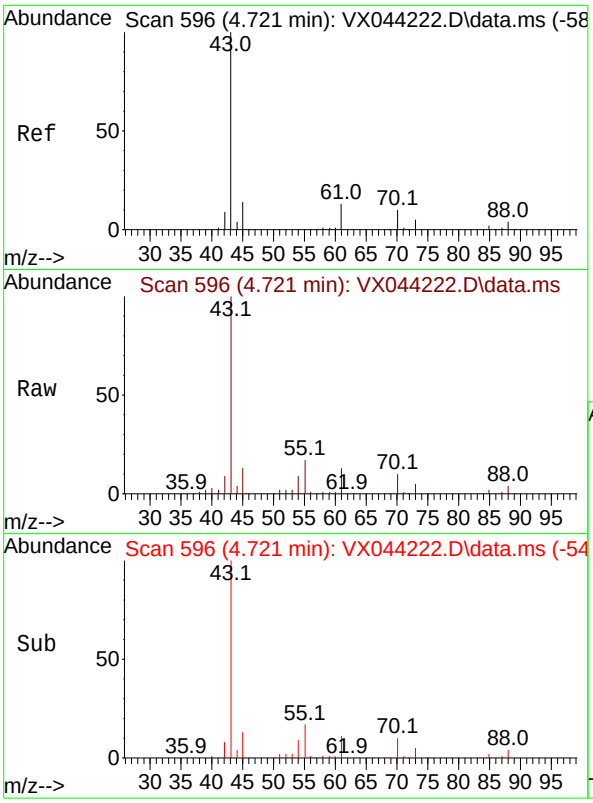


#36
1,1-Dichloropropene
Concen: 49.638 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 75 Resp: 103760

Ion	Ratio	Lower	Upper
75	100		
110	34.5	17.3	51.7
77	31.7	25.4	38.0



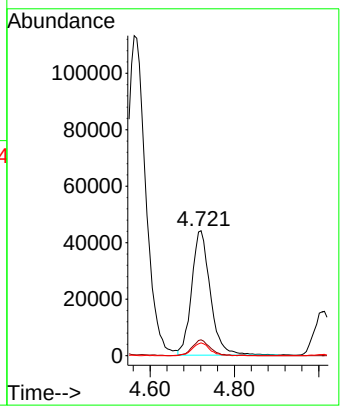


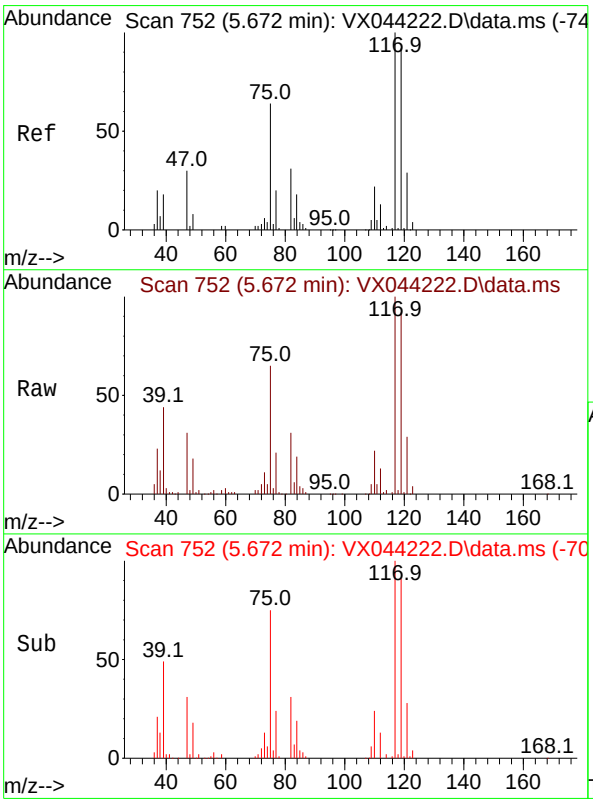
#37
Ethyl Acetate
Concen: 52.537 ug/l
RT: 4.721 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 135753

Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.8	14.8
70	9.6	7.7	11.5

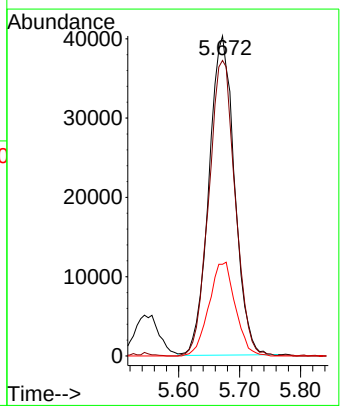


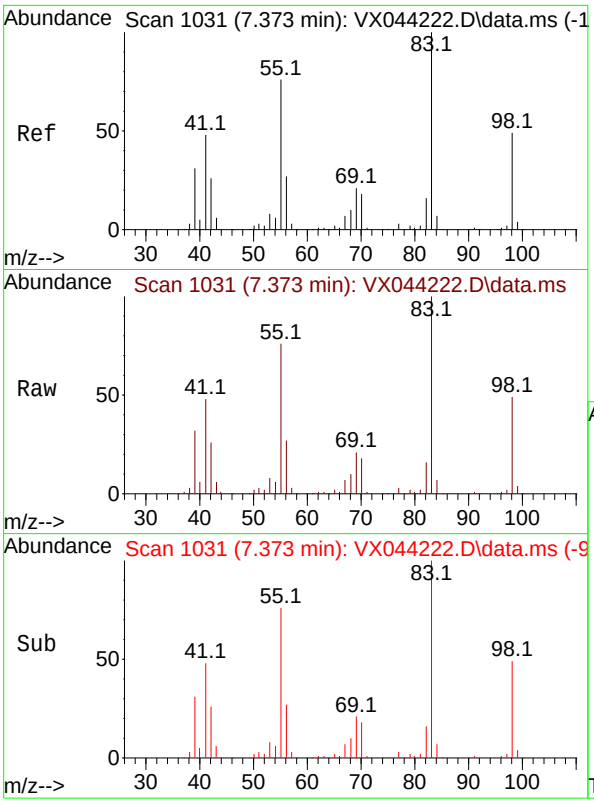


#38
Carbon Tetrachloride
Concen: 52.023 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:117 Resp: 117076

Ion	Ratio	Lower	Upper
117	100		
119	92.8	74.2	111.4
121	28.8	23.0	34.6



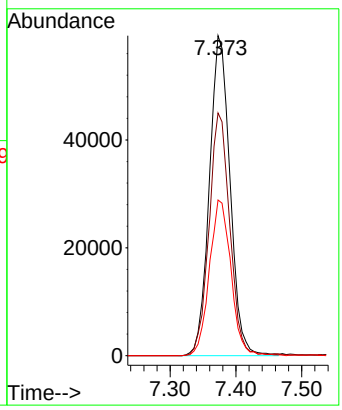


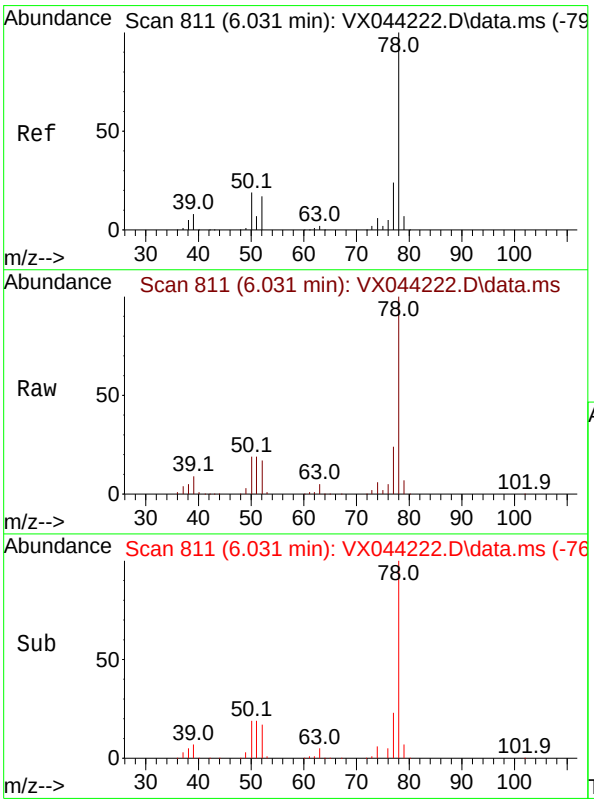
#39
Methylcyclohexane
Concen: 51.901 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 129697

Ion	Ratio	Lower	Upper
83	100		
55	75.9	60.7	91.1
98	48.6	38.9	58.3

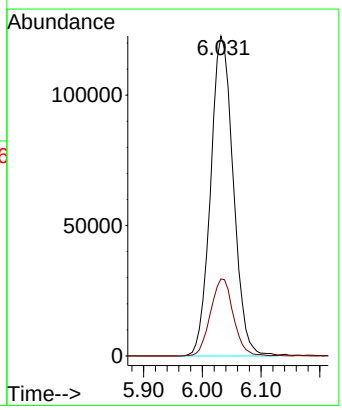


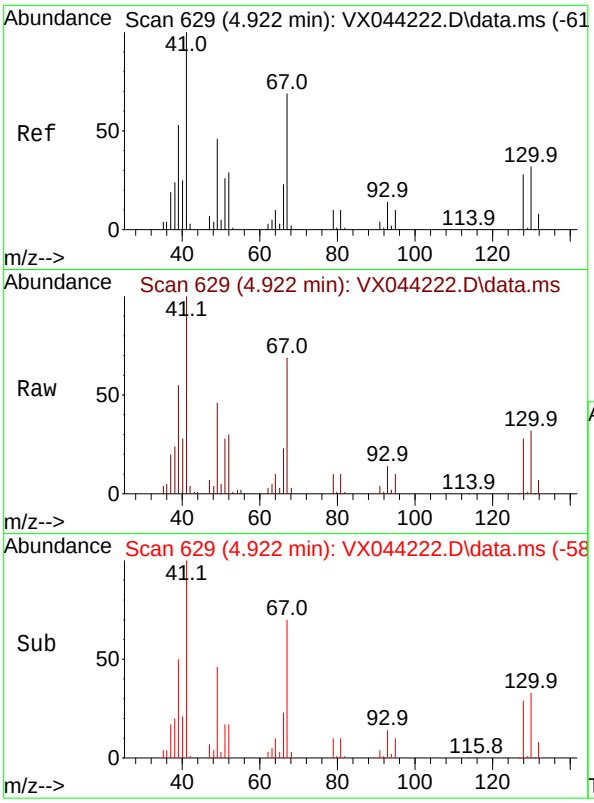


#40
Benzene
Concen: 51.863 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 78 Resp: 329154

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9



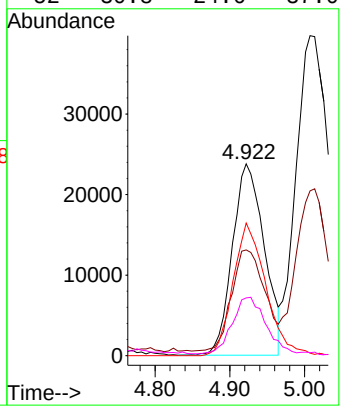


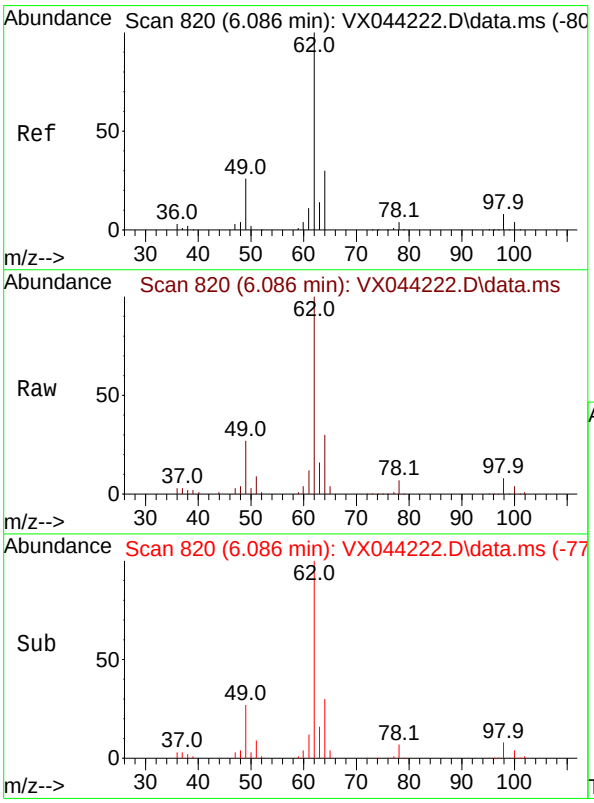
#41
Methacrylonitrile
Concen: 51.329 ug/l
RT: 4.922 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 70427

Ion	Ratio	Lower	Upper
41	100		
39	55.3	44.2	66.4
67	71.5	57.2	85.8
52	30.8	24.6	37.0

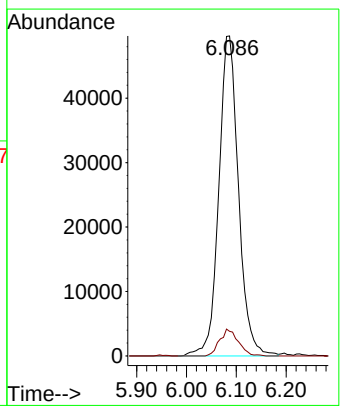


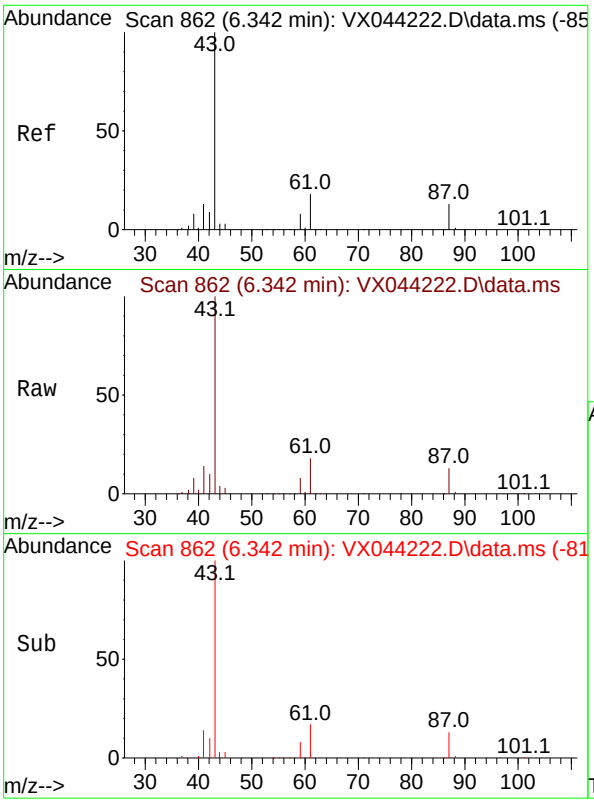


#42
1,2-Dichloroethane
Concen: 52.138 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 62 Resp: 136309

Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	15.8



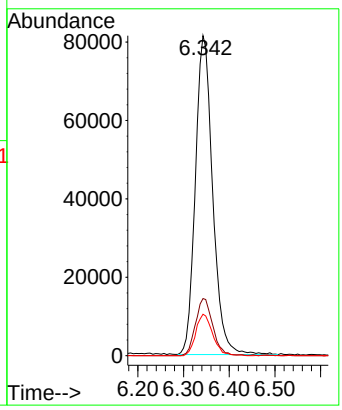


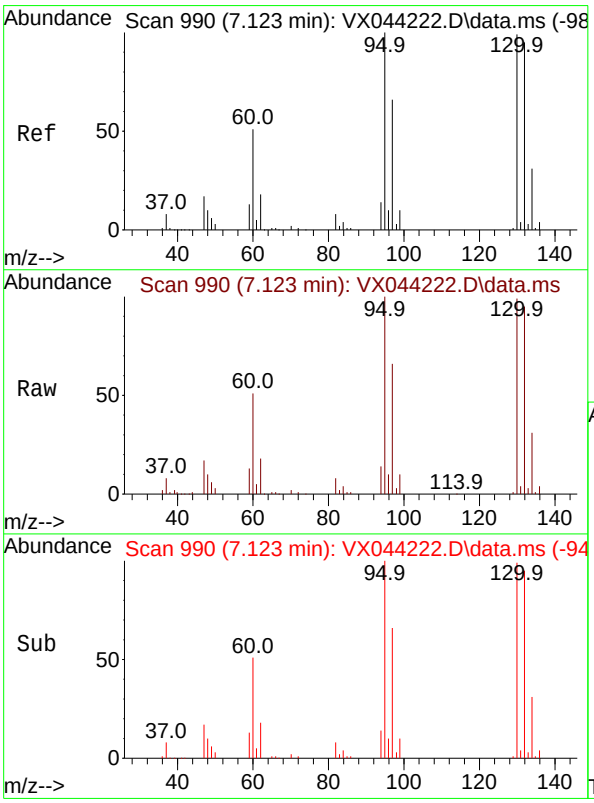
#43
Isopropyl Acetate
Concen: 52.961 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 213891

Ion	Ratio	Lower	Upper
43	100		
61	17.7	14.2	21.2
87	12.7	10.2	15.2

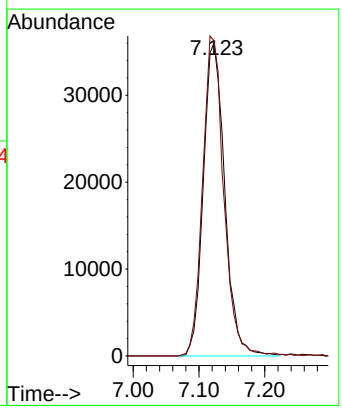


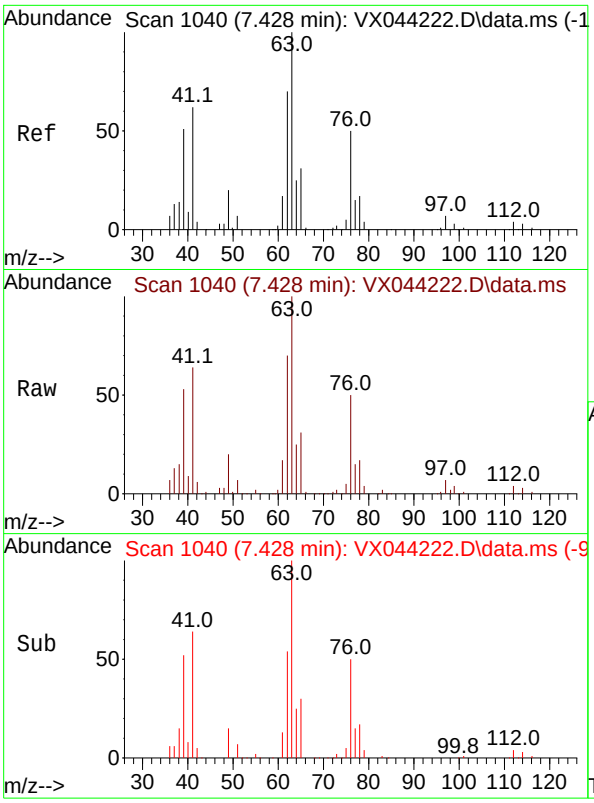


#44
Trichloroethene
Concen: 51.521 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:130 Resp: 81542

Ion	Ratio	Lower	Upper
130	100		
95	100.7	0.0	201.4



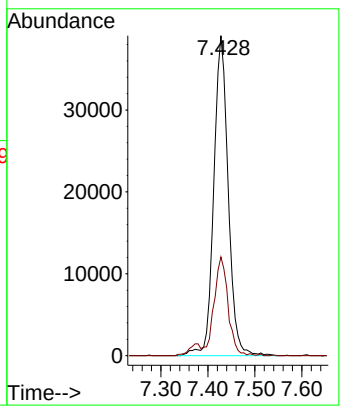


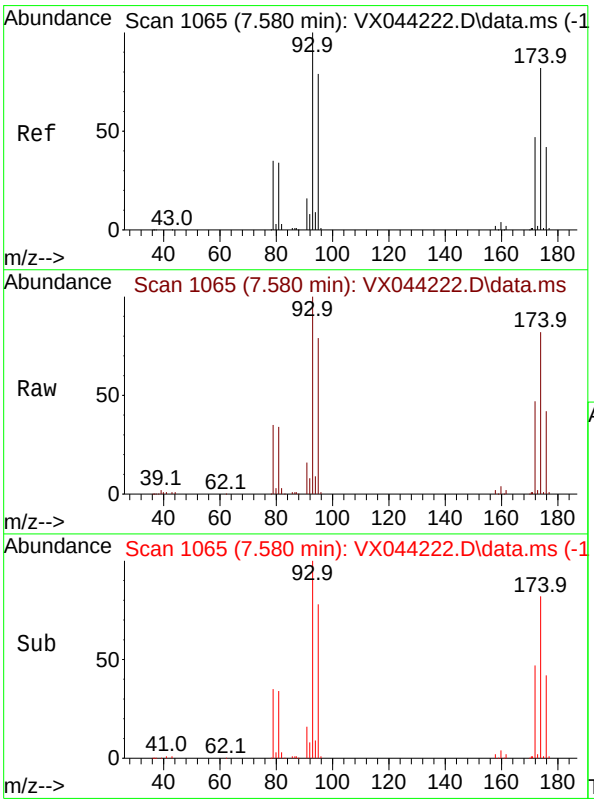
#45
1,2-Dichloropropane
Concen: 51.420 ug/l
RT: 7.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 83376

Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.6	37.0

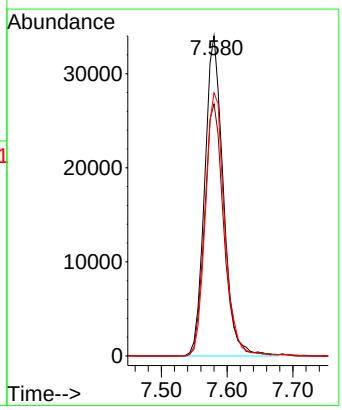


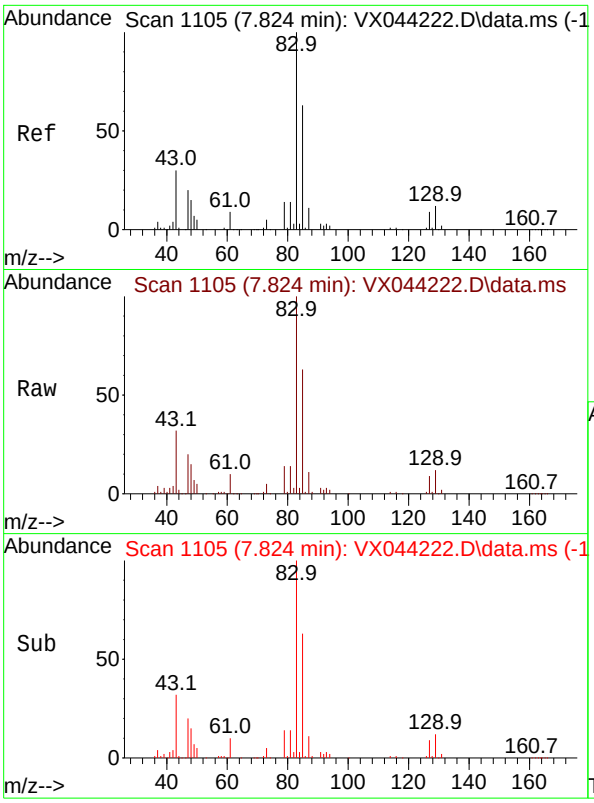


#46
Dibromomethane
Concen: 53.092 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 93 Resp: 66786

Ion	Ratio	Lower	Upper
93	100		
95	81.8	65.4	98.2
174	84.9	67.9	101.9



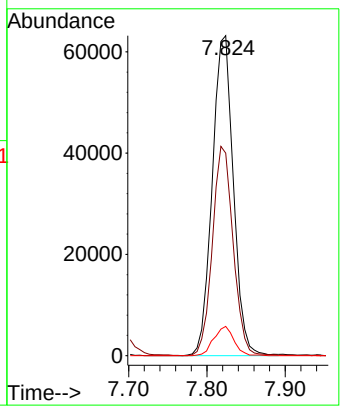


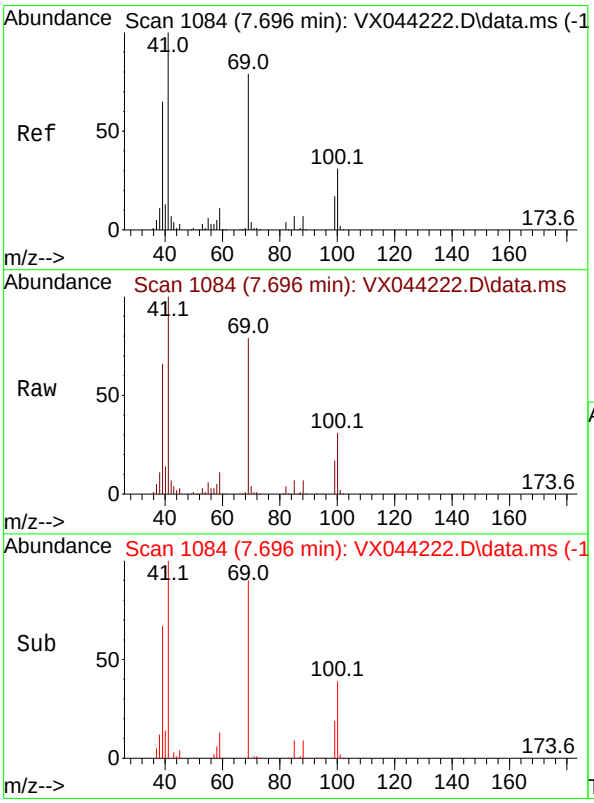
#47
Bromodichloromethane
Concen: 54.607 ug/l
RT: 7.824 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 118634

Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.6	75.8
127	9.1	7.3	10.9

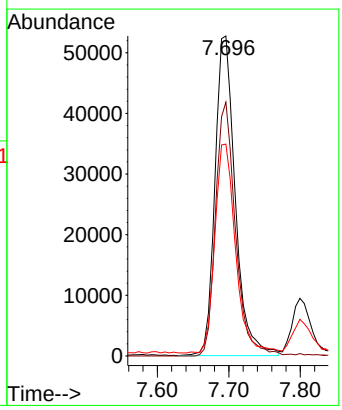


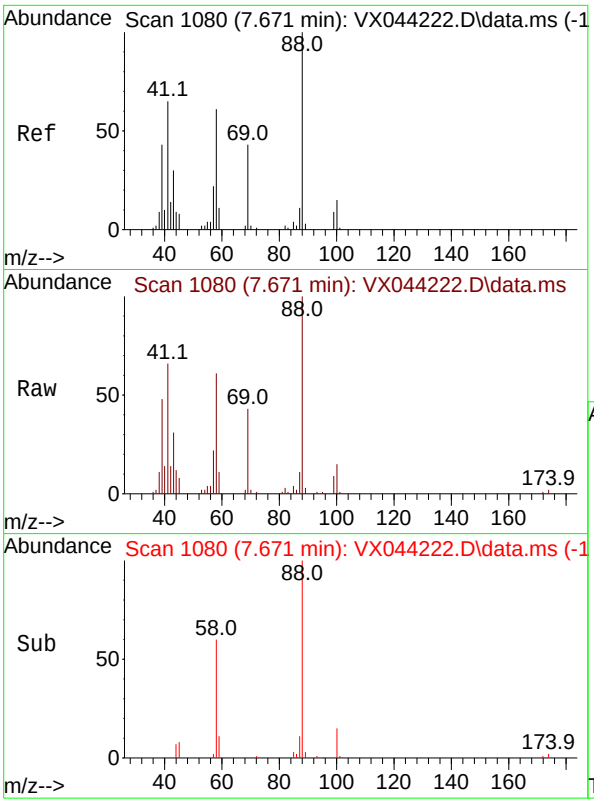


#48
Methyl methacrylate
Concen: 52.909 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 41 Resp: 103726

Ion	Ratio	Lower	Upper
41	100		
69	78.0	62.4	93.6
39	66.6	53.3	79.9



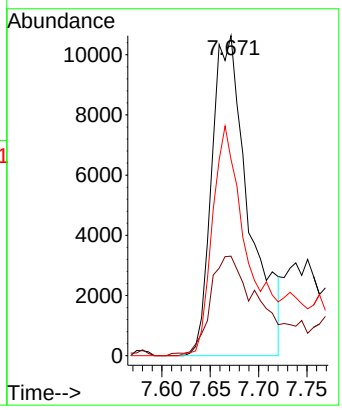


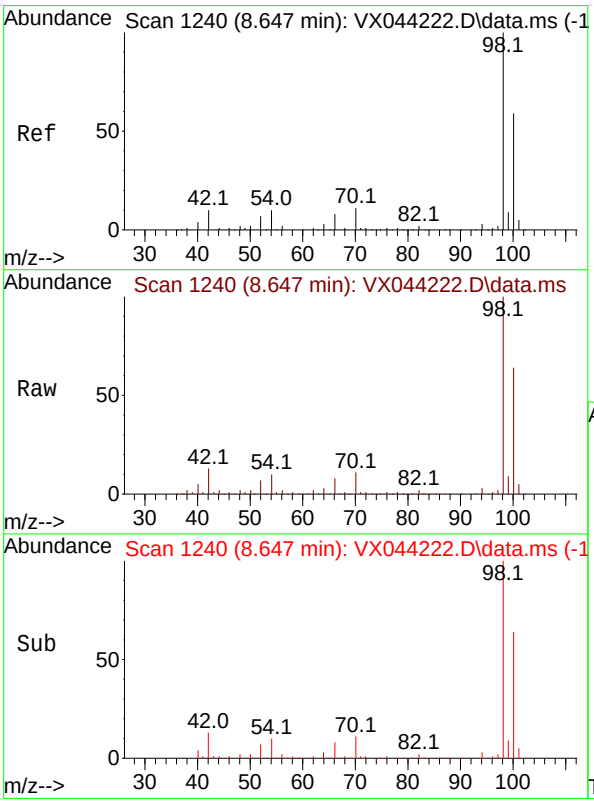
#49
1,4-Dioxane
Concen: 843.658 ug/l
RT: 7.671 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 28266

Ion	Ratio	Lower	Upper
88	100		
43	45.2	27.1	40.7#
58	68.3	41.0	61.4#

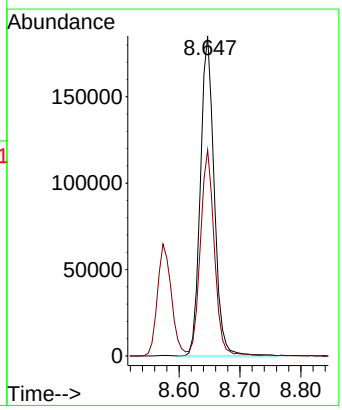


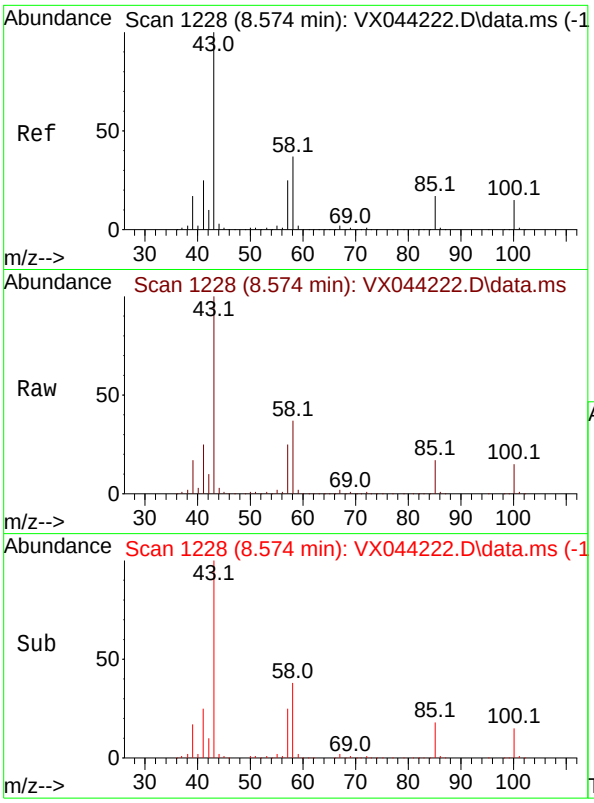


#50
Toluene-d8
Concen: 53.559 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 98 Resp: 292199

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.5	77.3



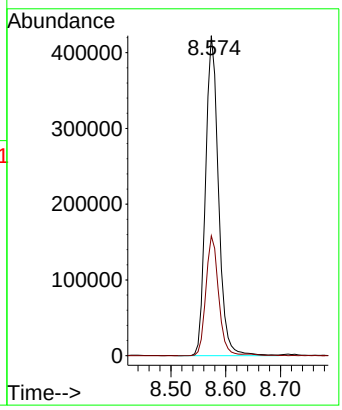


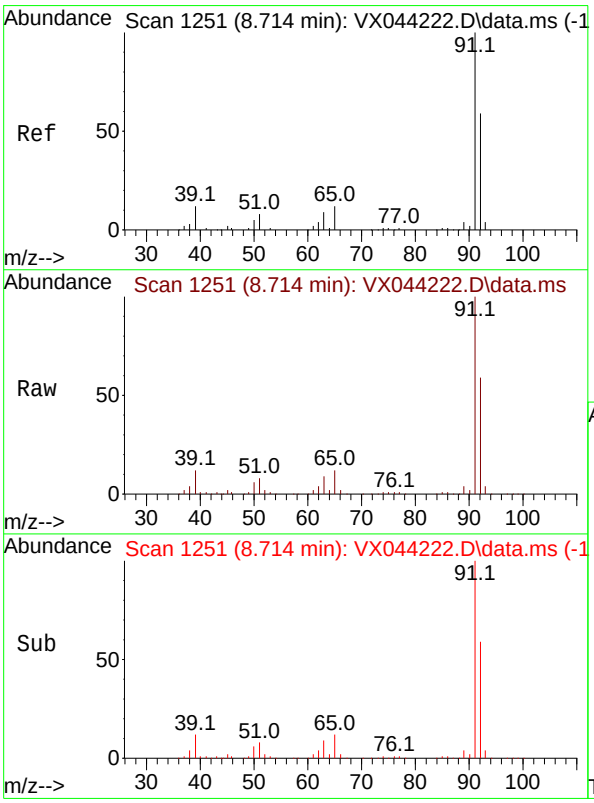
#51
4-Methyl-2-Pentanone
Concen: 265.203 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 688666

Ion	Ratio	Lower	Upper
43	100		
58	36.7	29.4	44.0

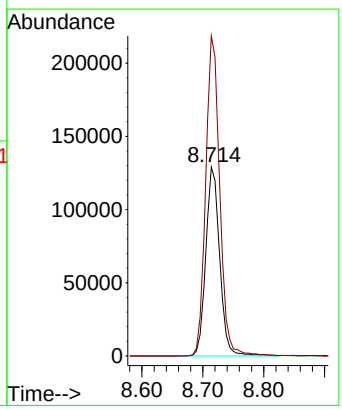


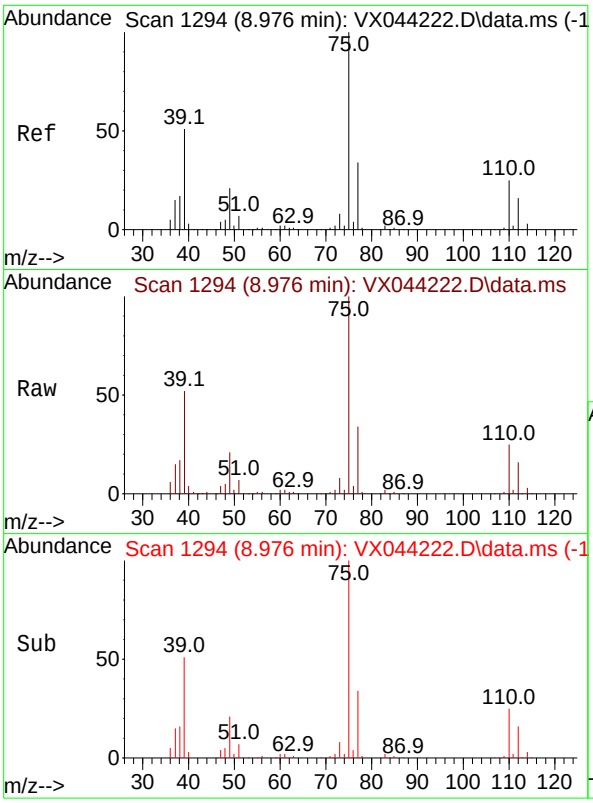


#52
Toluene
Concen: 51.370 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 92 Resp: 204738

Ion	Ratio	Lower	Upper
92	100		
91	171.3	137.0	205.6



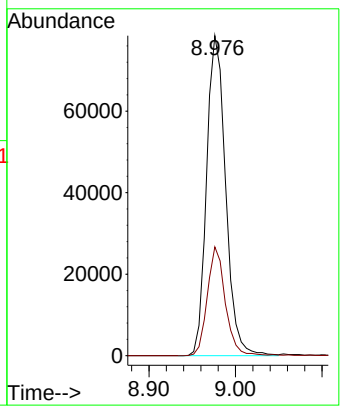


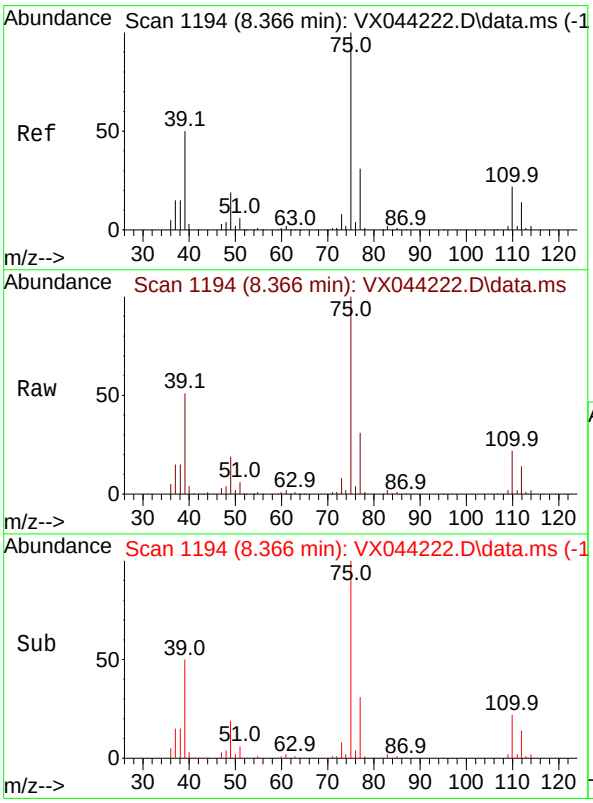
#53
t-1,3-Dichloropropene
Concen: 51.362 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 120007

Ion	Ratio	Lower	Upper
75	100		
77	34.0	27.2	40.8

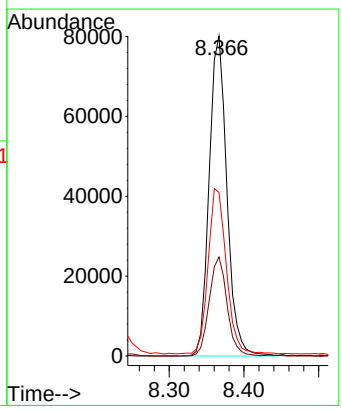


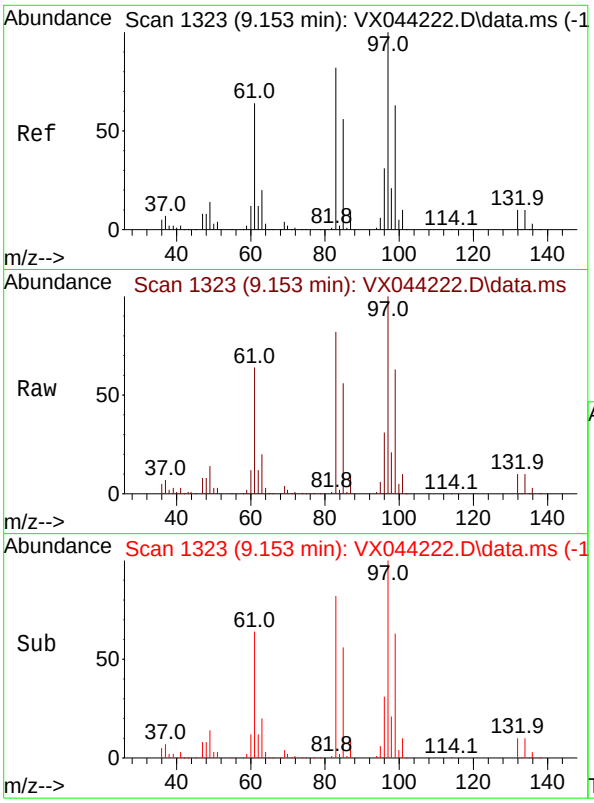


#54
cis-1,3-Dichloropropene
Concen: 55.923 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 75 Resp: 132286

Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.7	37.1
39	50.4	40.3	60.5



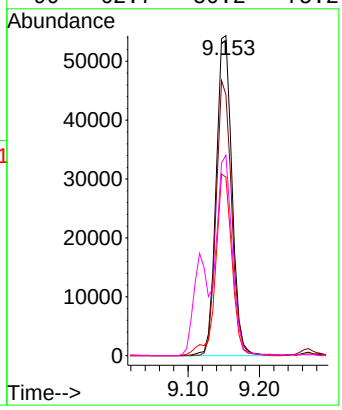


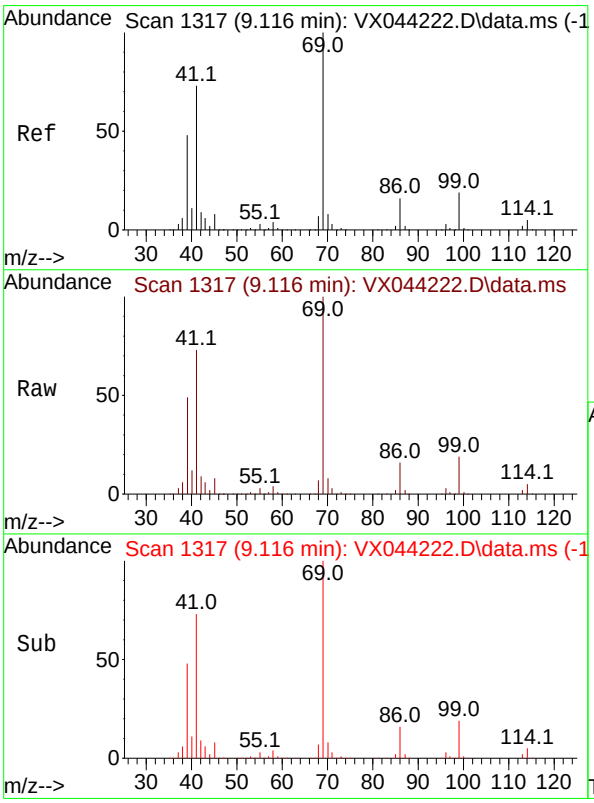
#55
1,1,2-Trichloroethane
Concen: 52.729 ug/l
RT: 9.153 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 83488

Ion	Ratio	Lower	Upper
97	100		
83	81.6	65.3	97.9
85	55.8	44.6	67.0
99	62.7	50.2	75.2

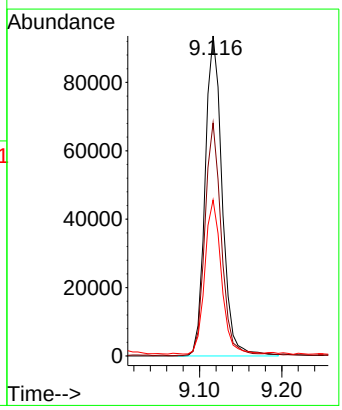


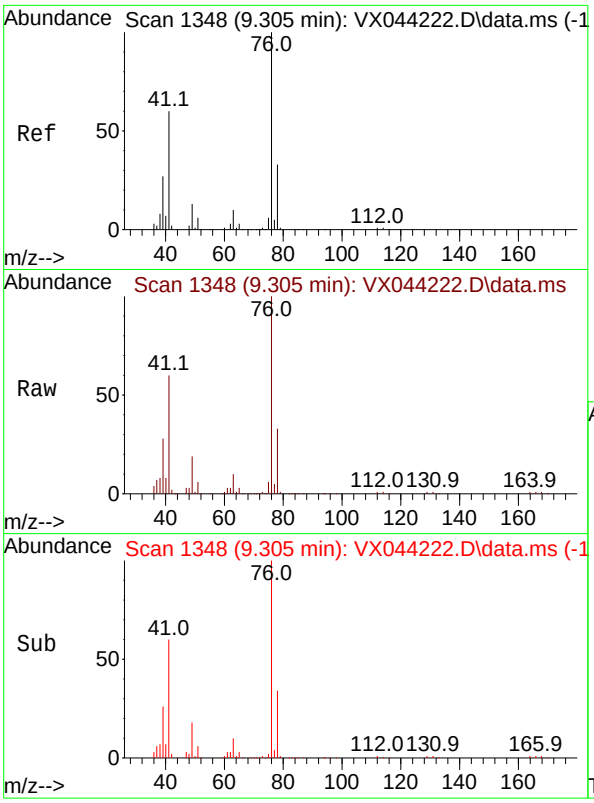


#56
Ethyl methacrylate
Concen: 53.917 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 69 Resp: 134770

Ion	Ratio	Lower	Upper
69	100		
41	70.8	56.6	85.0
39	46.7	37.4	56.0



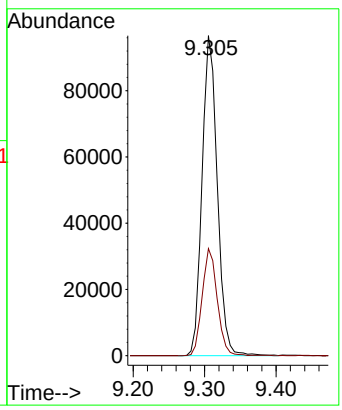


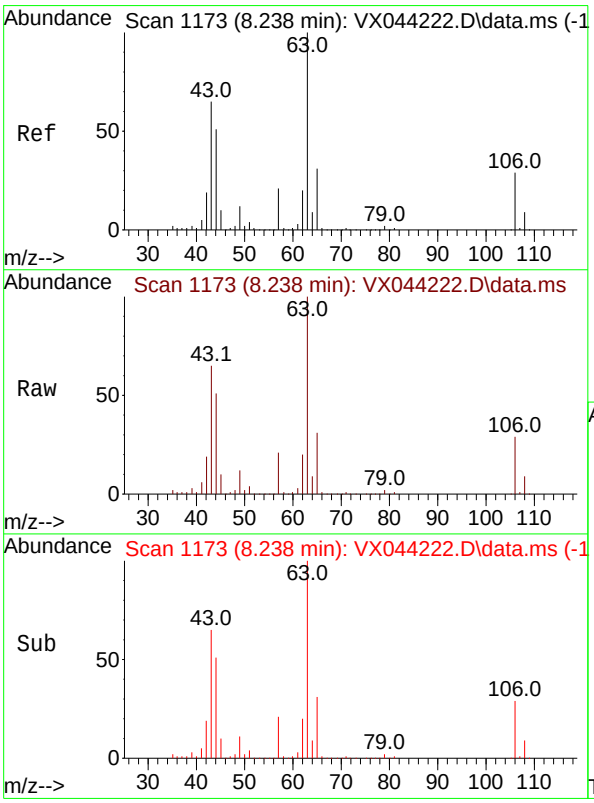
#57
1,3-Dichloropropane
Concen: 51.904 ug/l
RT: 9.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 143044

Ion	Ratio	Lower	Upper
76	100		
78	33.1	26.5	39.7

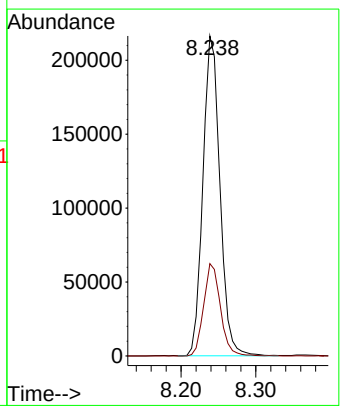


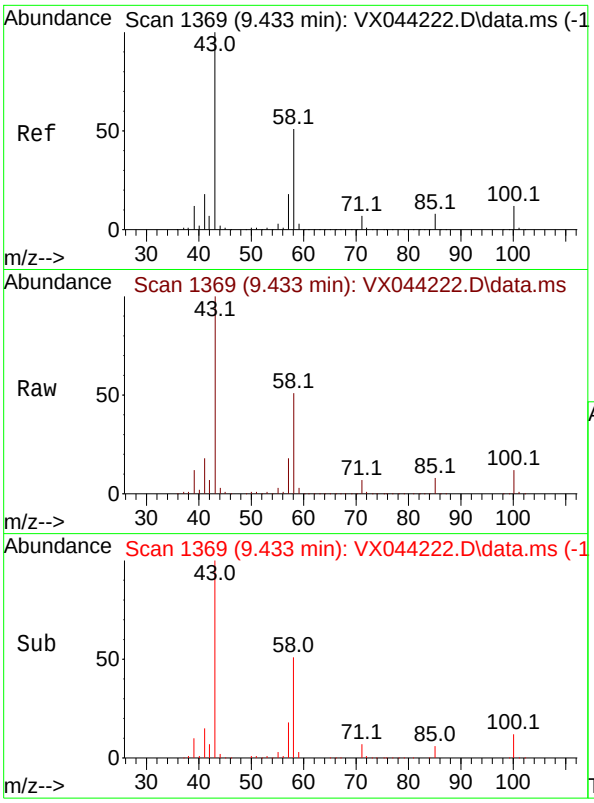


#58
2-Chloroethyl Vinyl ether
Concen: 271.745 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 63 Resp: 342592

Ion	Ratio	Lower	Upper
63	100		
106	28.5	22.8	34.2



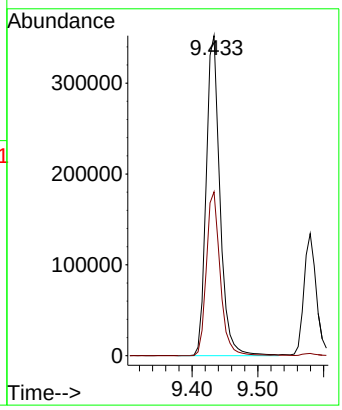


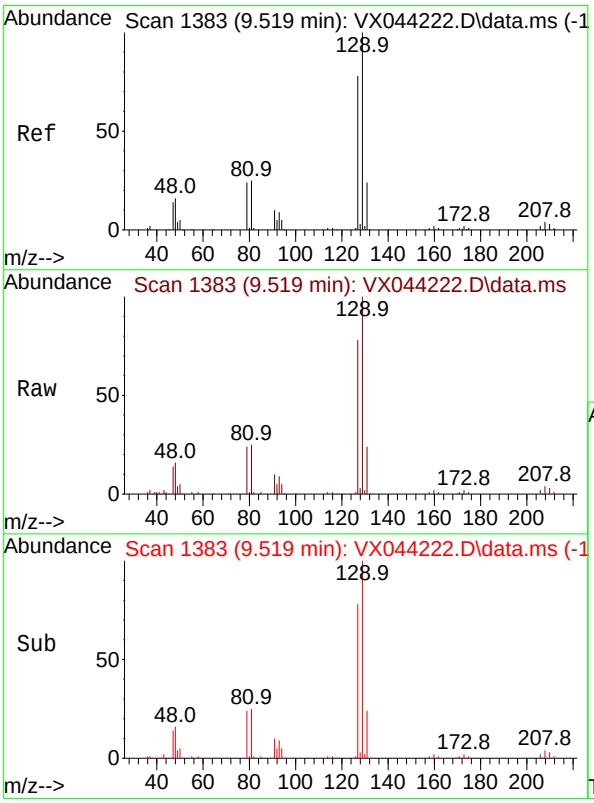
#59
2-Hexanone
Concen: 272.881 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 512906

Ion	Ratio	Lower	Upper
43	100		
58	51.3	25.7	77.0

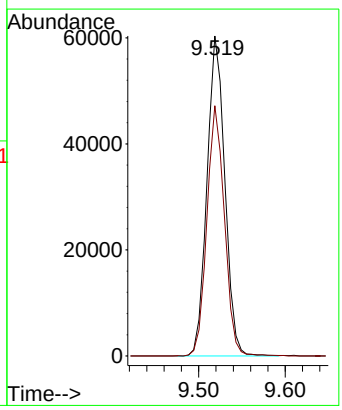


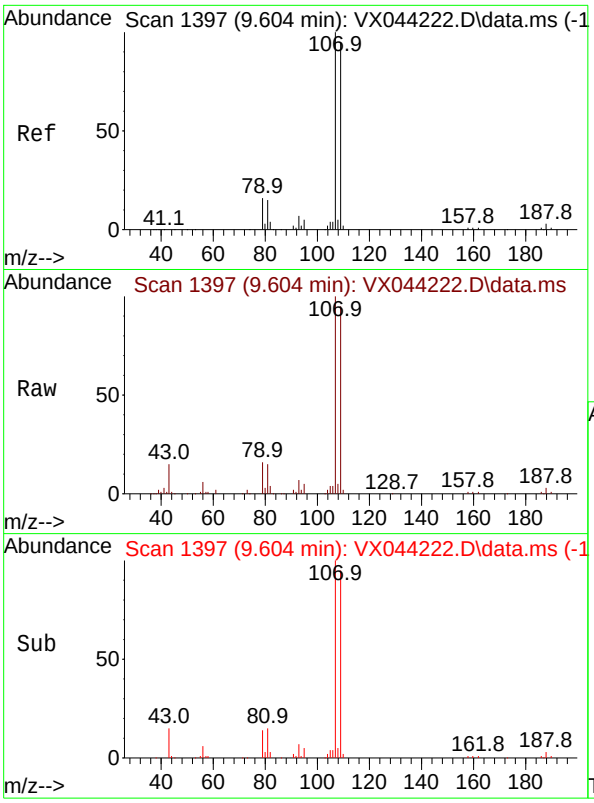


#60
Dibromochloromethane
Concen: 51.400 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:129 Resp: 86352

Ion	Ratio	Lower	Upper
129	100		
127	76.9	38.5	115.3



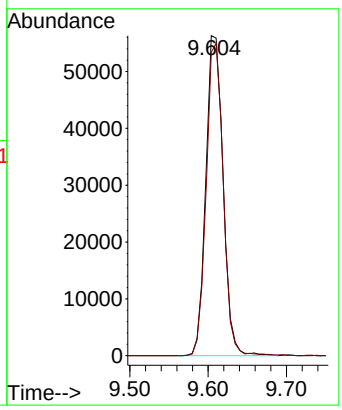


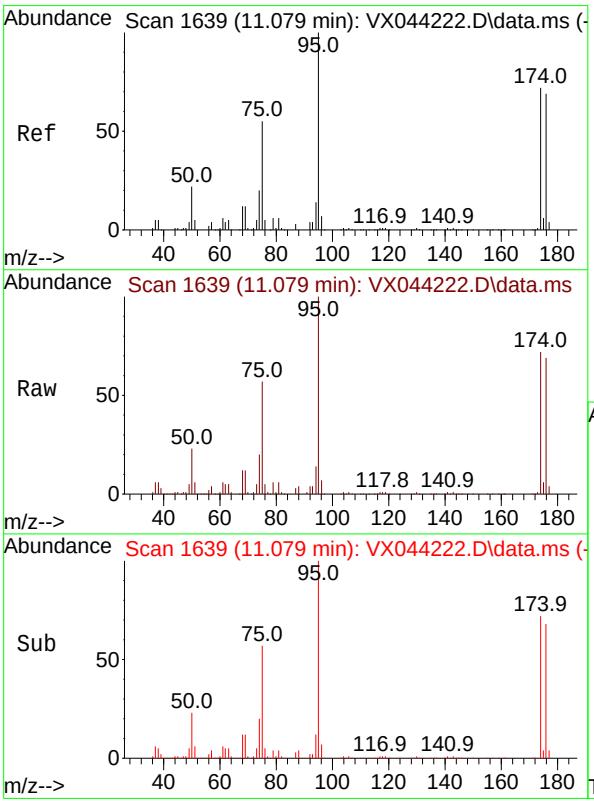
#61
1,2-Dibromoethane
Concen: 53.454 ug/l
RT: 9.604 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 86150

Ion	Ratio	Lower	Upper
107	100		
109	96.2	77.0	115.4

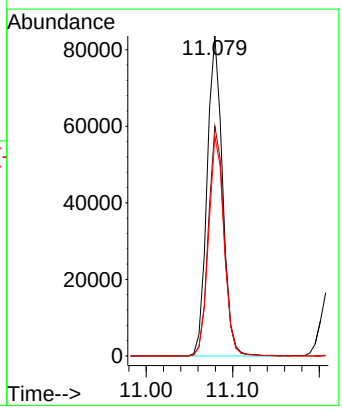


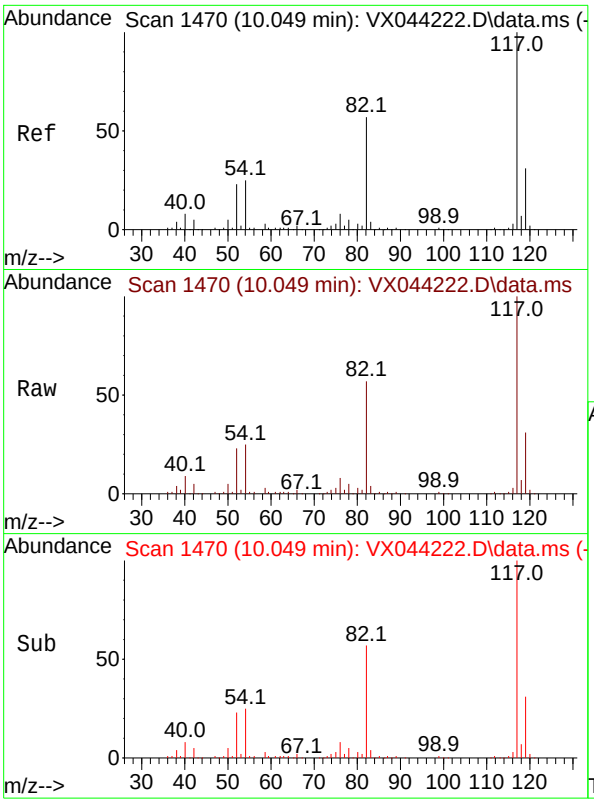


#62
4-Bromofluorobenzene
Concen: 54.123 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 95 Resp: 103178

Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	145.8
176	68.9	0.0	137.8



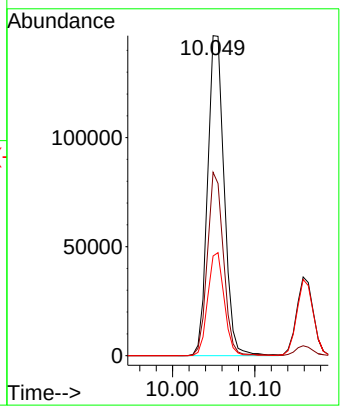


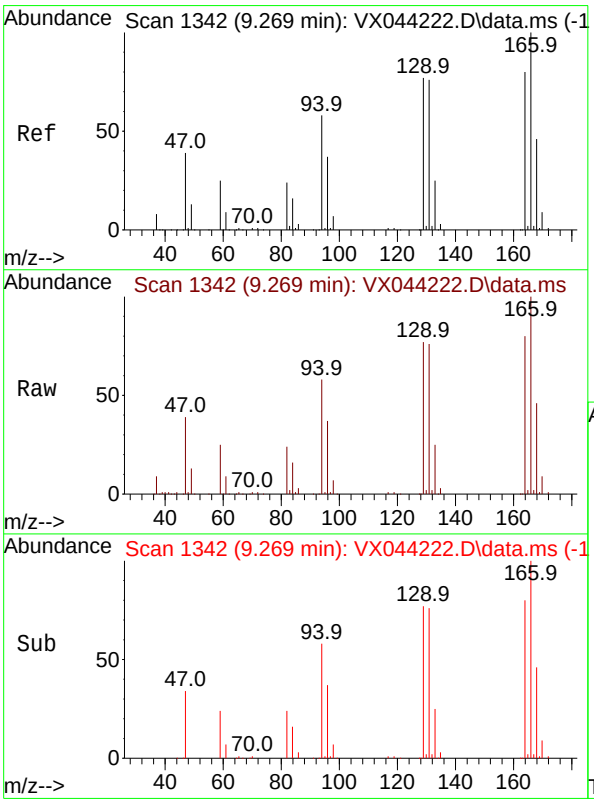
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 205196

Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.8	68.8
119	31.2	25.0	37.4

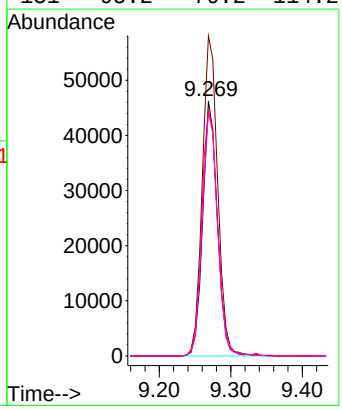


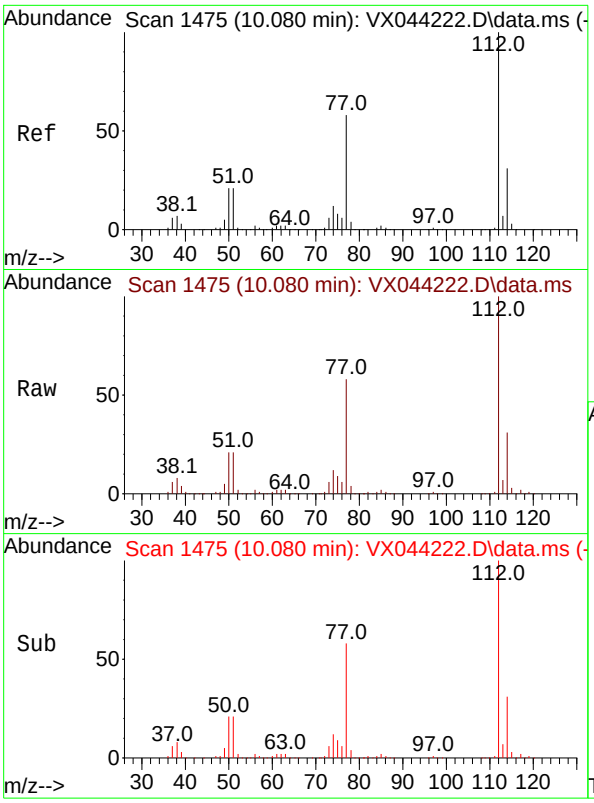


#64
Tetrachloroethene
Concen: 48.379 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:164 Resp: 65888

Ion	Ratio	Lower	Upper
164	100		
166	125.5	100.4	150.6
129	96.5	77.2	115.8
131	95.2	76.2	114.2



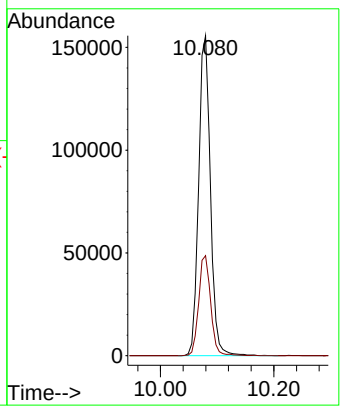


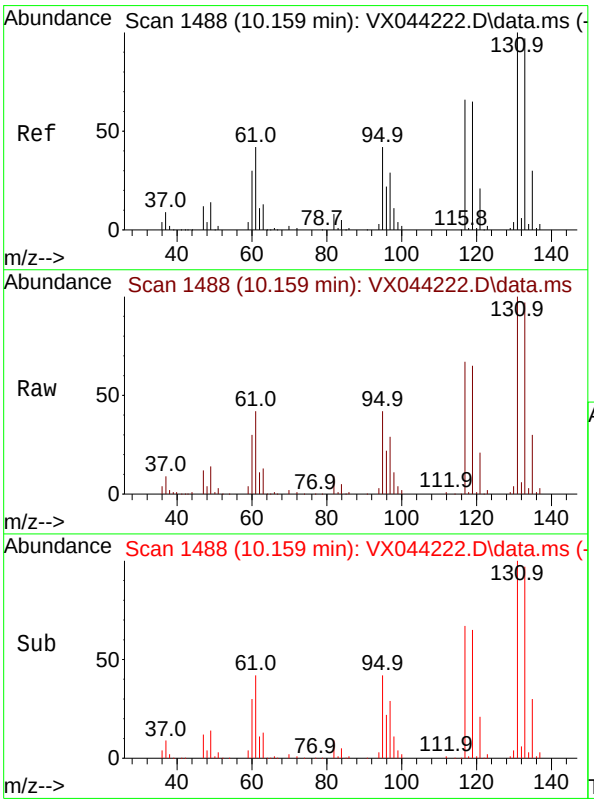
#65
Chlorobenzene
Concen: 50.779 ug/l
RT: 10.080 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 223269

Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.0	37.6

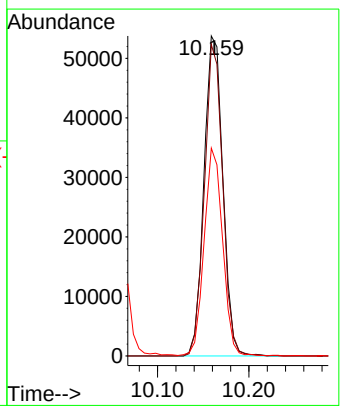


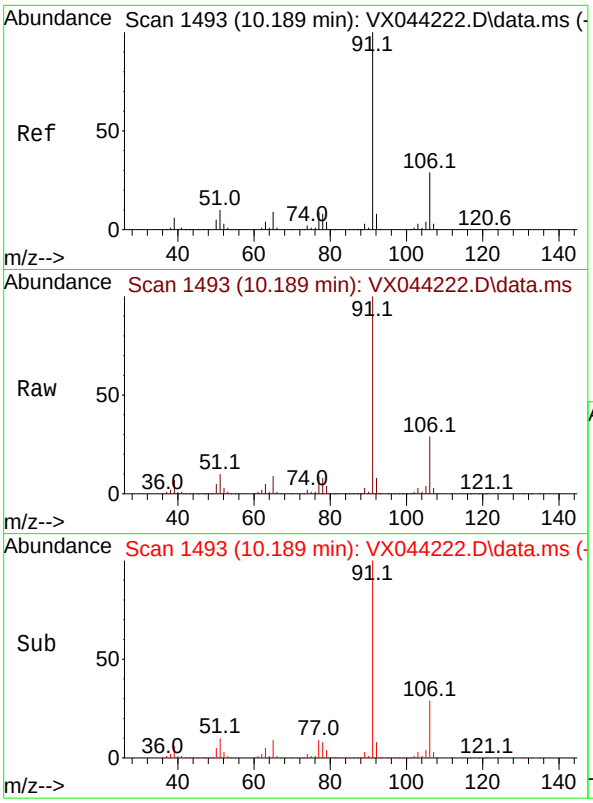


#66
1,1,1,2-Tetrachloroethane
Concen: 54.396 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:131 Resp: 76867

Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.3	141.8
119	63.3	31.6	95.0



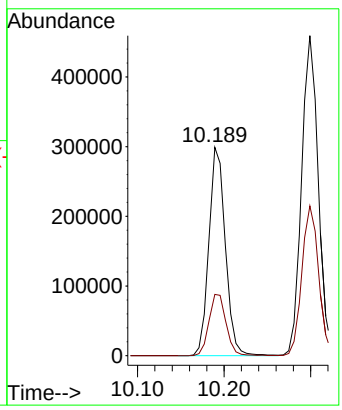


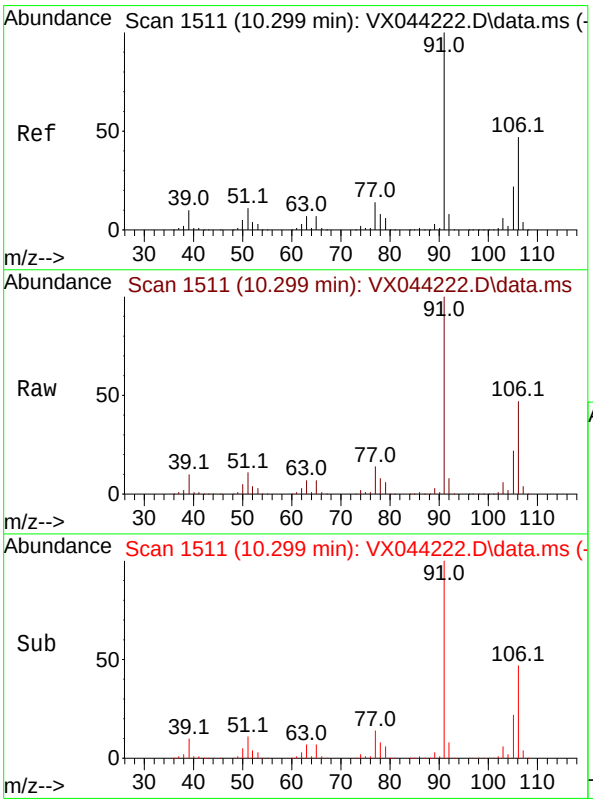
#67
Ethyl Benzene
Concen: 52.050 ug/l
RT: 10.189 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 395430

Ion	Ratio	Lower	Upper
91	100		
106	29.4	23.5	35.3

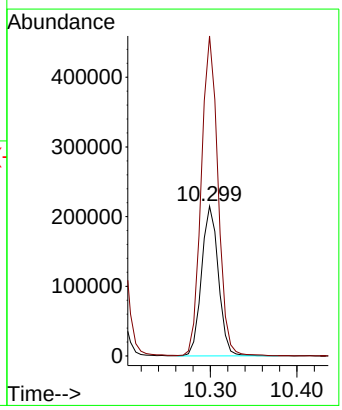


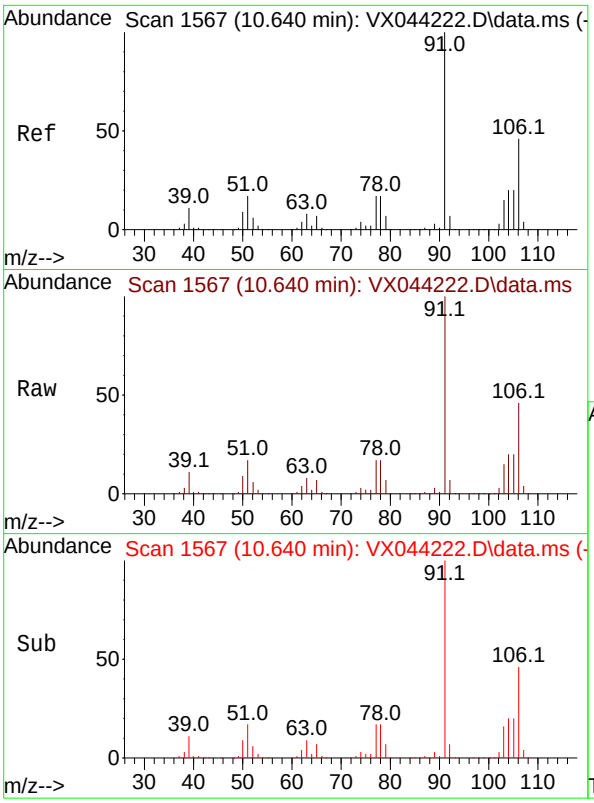


#68
m/p-Xylenes
Concen: 104.094 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:106 Resp: 290181

Ion	Ratio	Lower	Upper
106	100		
91	212.7	170.2	255.2



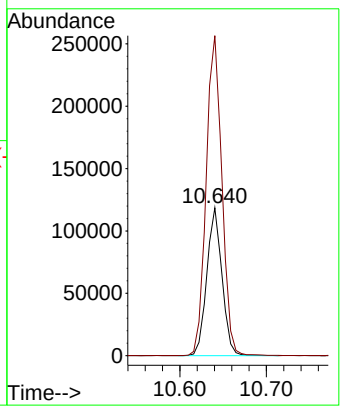


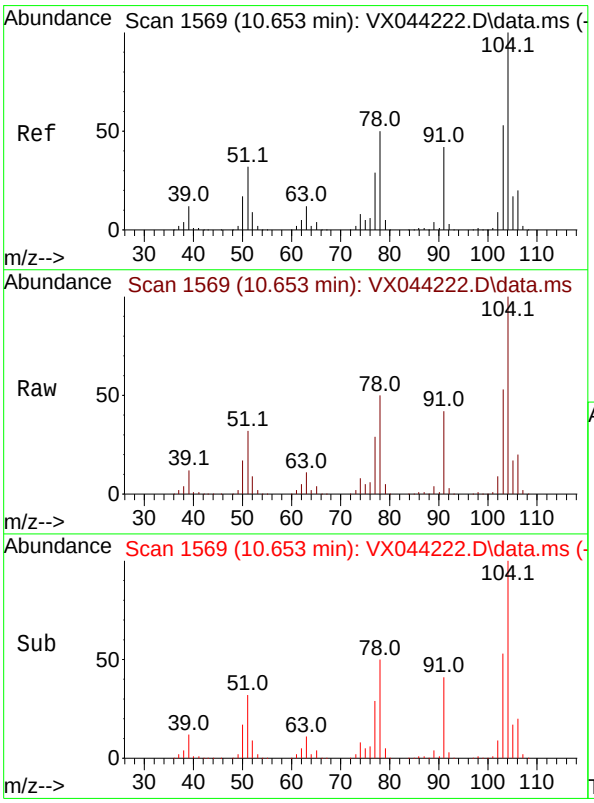
#69
o-Xylene
Concen: 51.141 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 144247

Ion	Ratio	Lower	Upper
106	100		
91	224.7	112.3	337.0

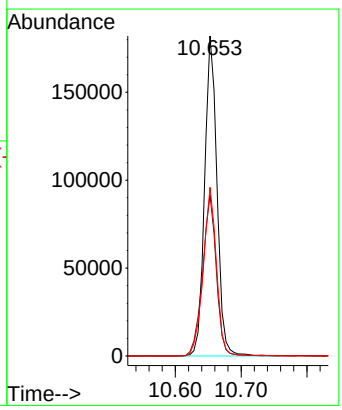


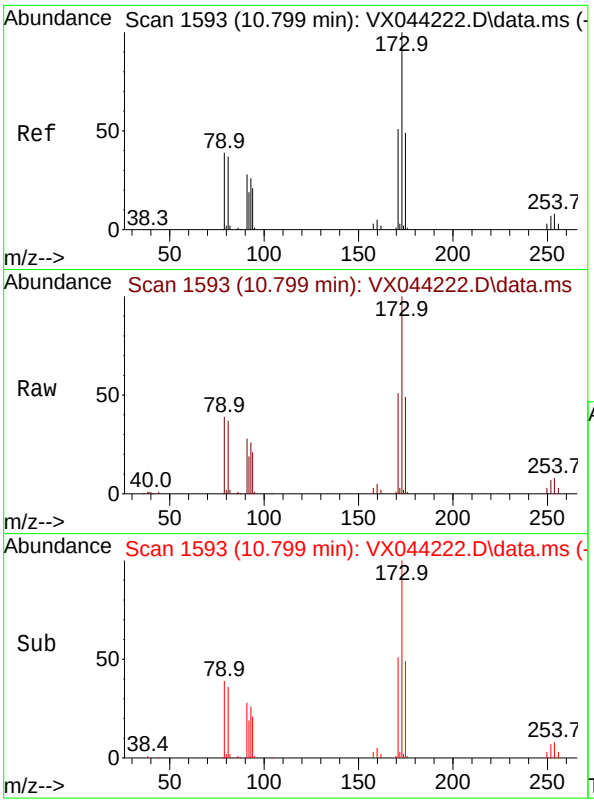


#70
Styrene
Concen: 52.719 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:104 Resp: 238379

Ion	Ratio	Lower	Upper
104	100		
78	55.8	44.6	67.0
103	56.7	45.4	68.0



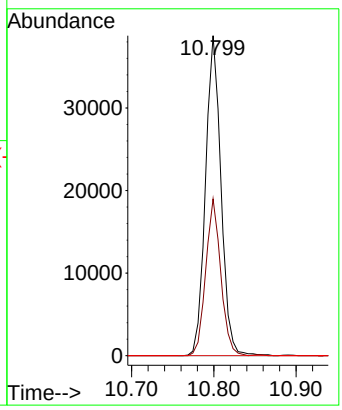


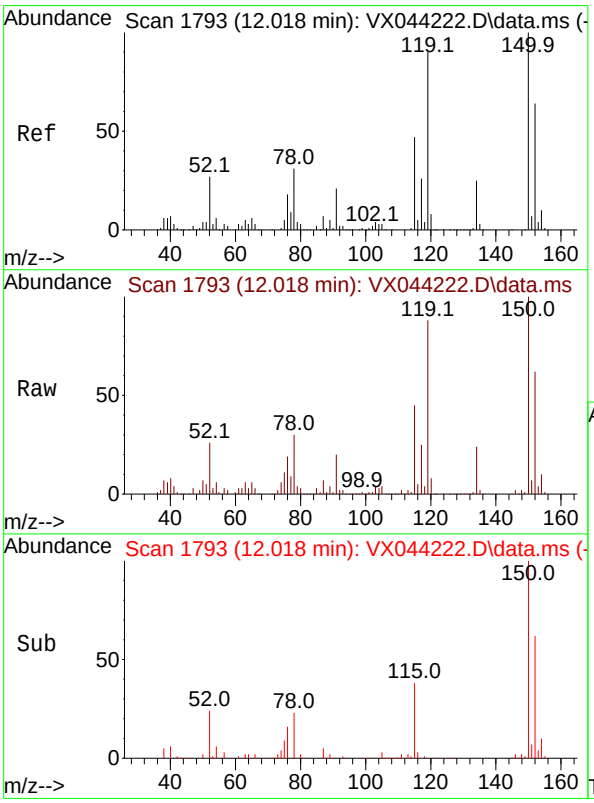
#71
Bromoform
Concen: 51.158 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 50667

Ion	Ratio	Lower	Upper
173	100		
175	47.6	23.8	71.4
254	0.0	0.0	0.0

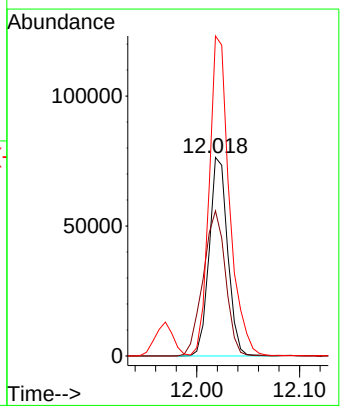


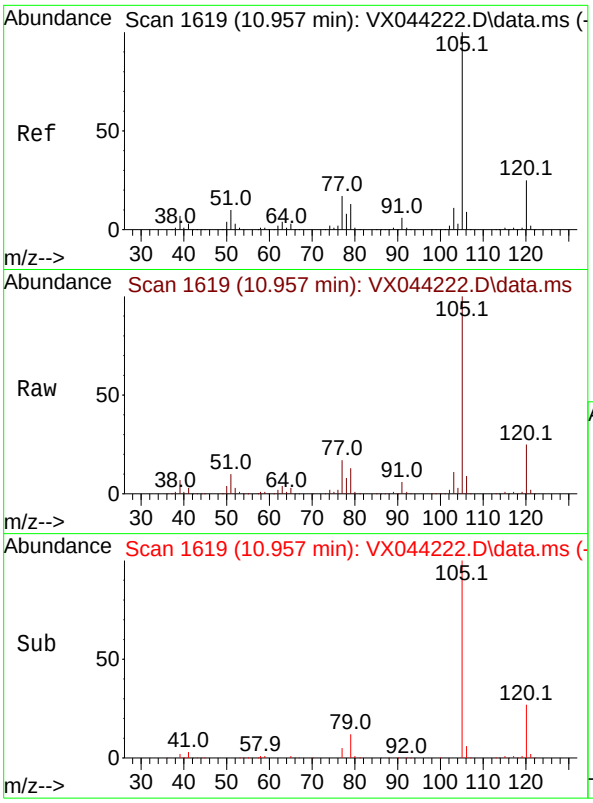


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:152 Resp: 95227

Ion	Ratio	Lower	Upper
152	100		
115	88.9	44.5	133.3
150	176.9	0.0	353.8



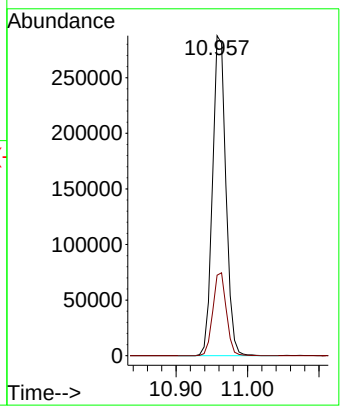


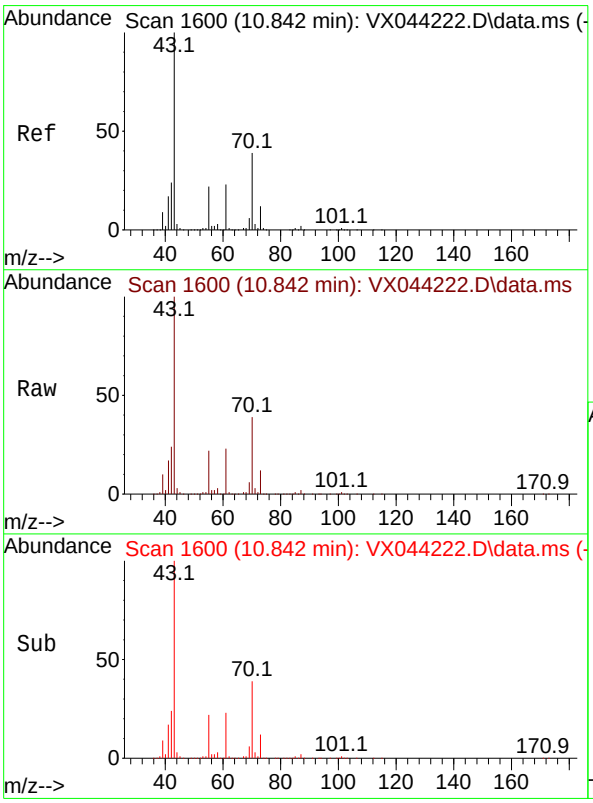
#73
Isopropylbenzene
Concen: 51.100 ug/l
RT: 10.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 372519

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.1	39.3

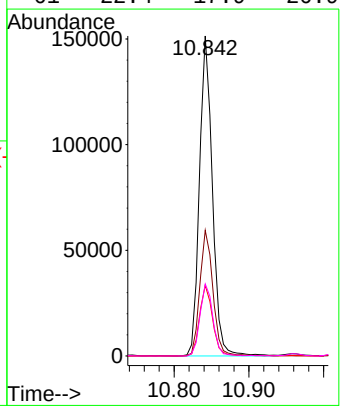


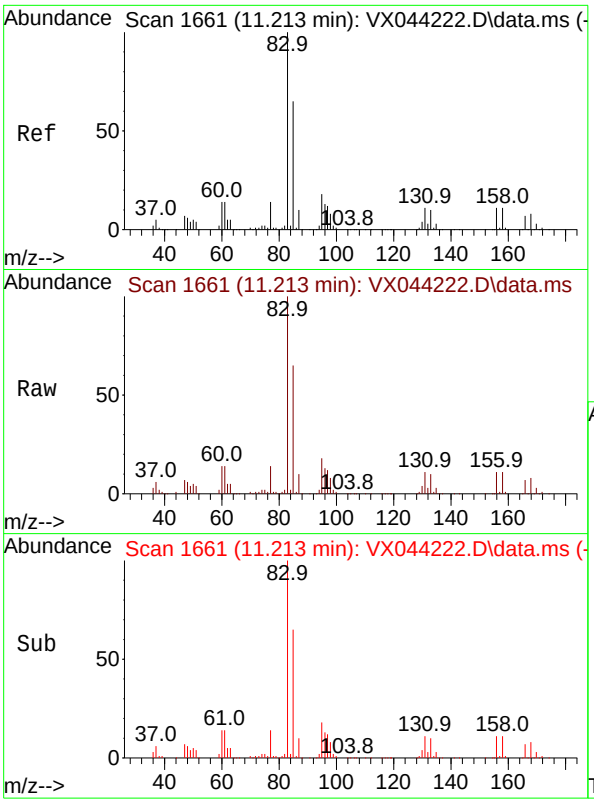


#74
N-amyl acetate
Concen: 54.166 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 43 Resp: 182491

Ion	Ratio	Lower	Upper
43	100		
70	39.9	31.9	47.9
55	22.4	17.9	26.9
61	22.4	17.9	26.9



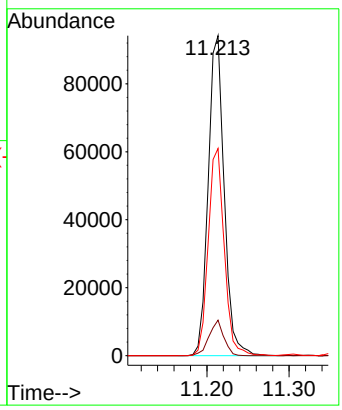


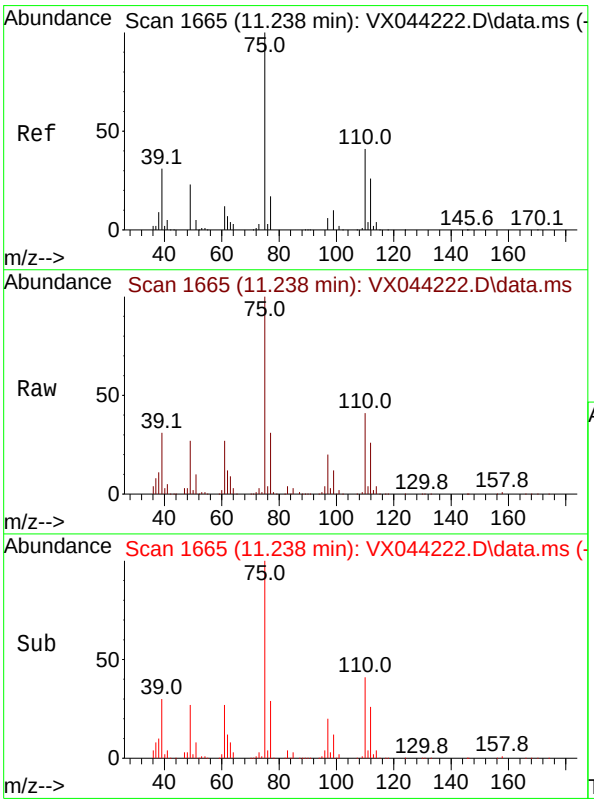
#75
1,1,2,2-Tetrachloroethane
Concen: 50.233 ug/l
RT: 11.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 127193

Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.1	15.4
85	64.9	32.5	97.4

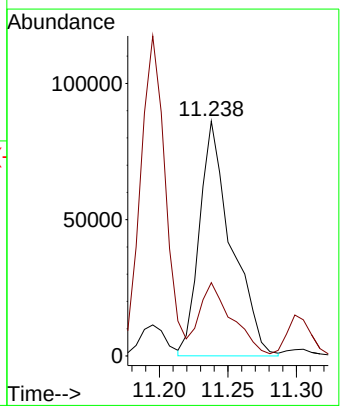


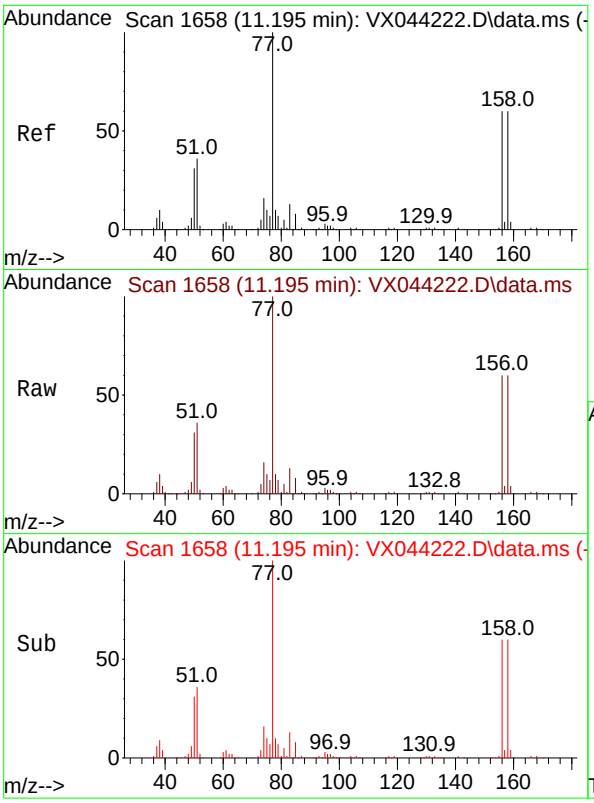


#76
1,2,3-Trichloropropane
Concen: 64.698 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 75 Resp: 139805

Ion	Ratio	Lower	Upper
75	100		
77	32.0	20.9	62.7



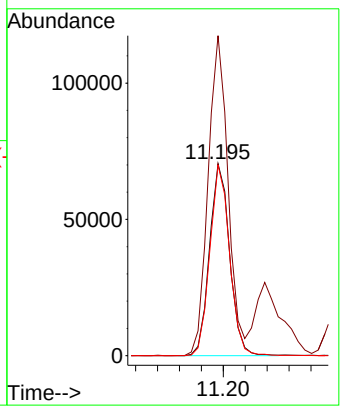


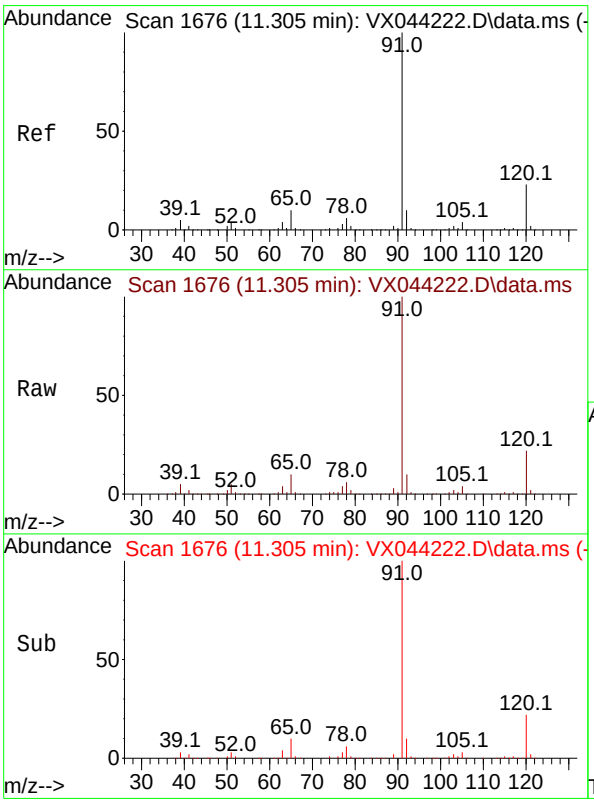
#77
Bromobenzene
Concen: 50.734 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:156 Resp: 89687

Ion	Ratio	Lower	Upper
156	100		
77	165.2	82.6	247.8
158	97.6	48.8	146.4

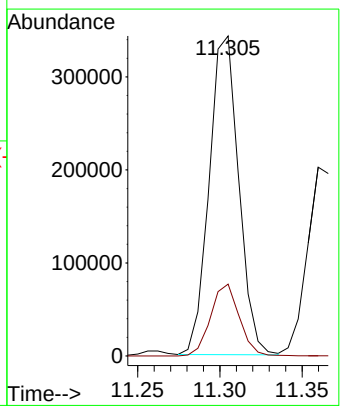


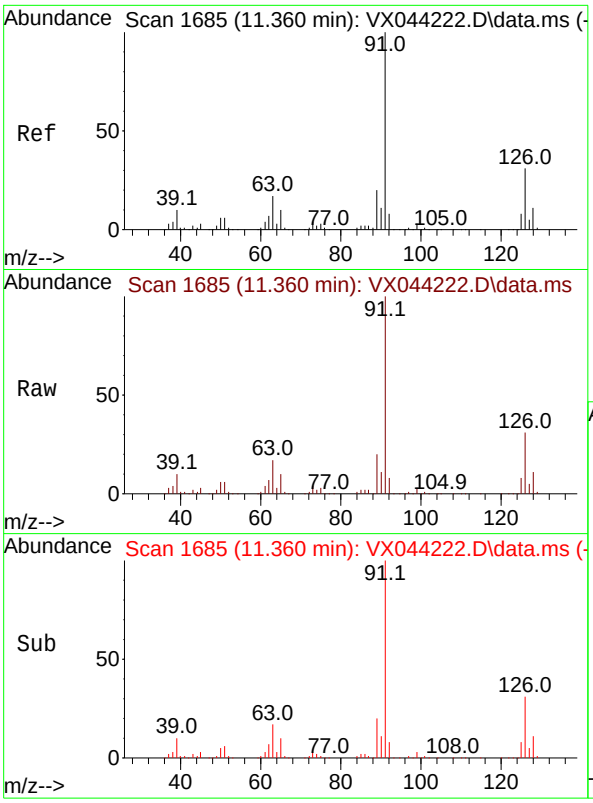


#78
n-propylbenzene
Concen: 53.211 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 91 Resp: 428741

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.0	33.0



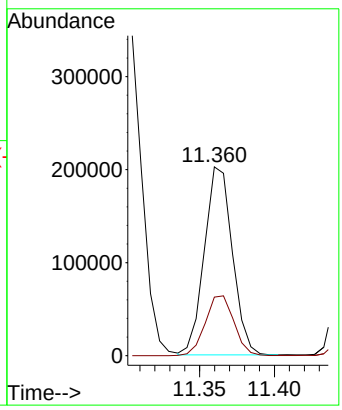


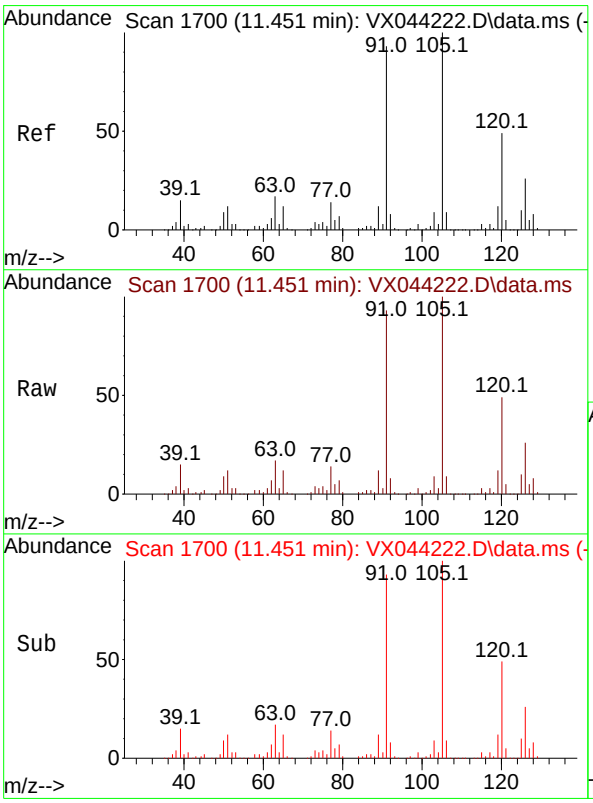
#79
2-Chlorotoluene
Concen: 50.634 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 263849

Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.4	49.1

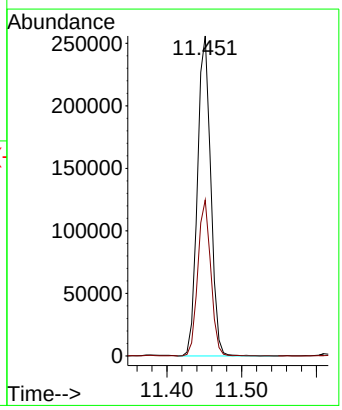


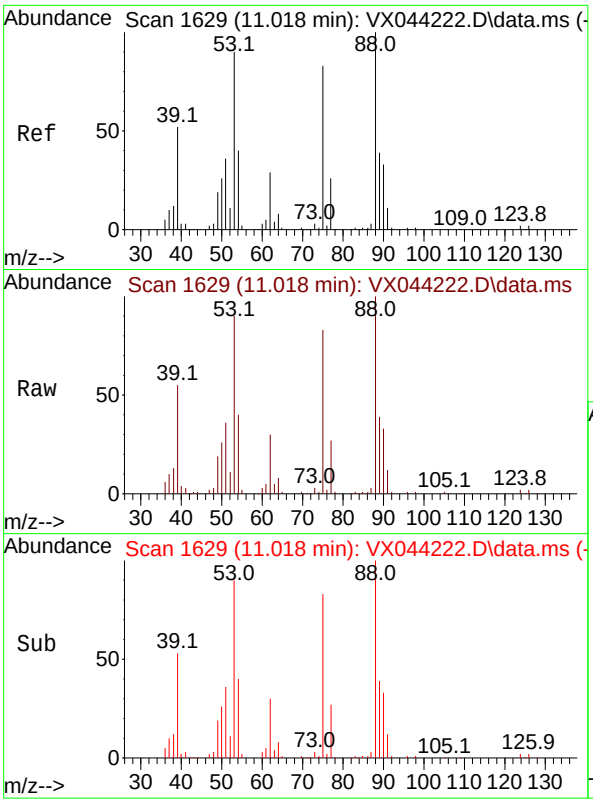


#80
1,3,5-Trimethylbenzene
Concen: 52.102 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:105 Resp: 314986

Ion	Ratio	Lower	Upper
105	100		
120	47.6	23.8	71.4



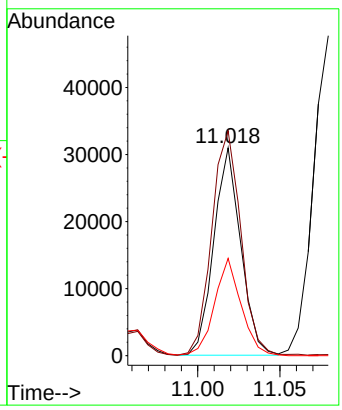


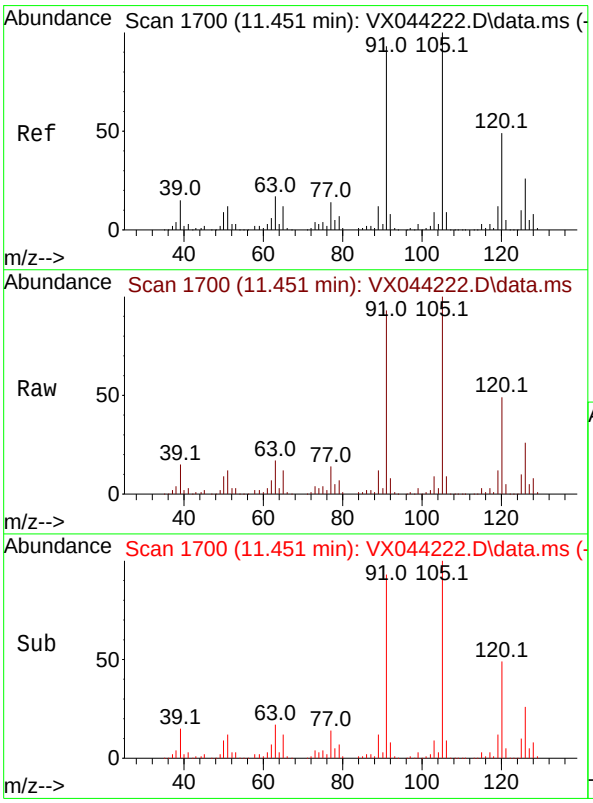
#81
trans-1,4-Dichloro-2-butene
Concen: 47.628 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 35119

Ion	Ratio	Lower	Upper
75	100		
53	117.0	93.6	140.4
89	46.6	37.3	55.9

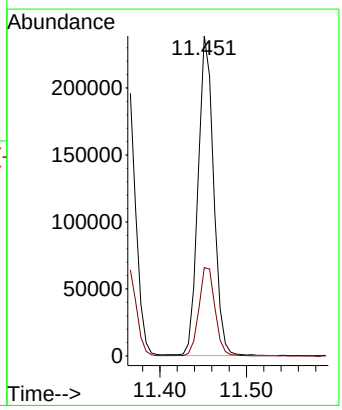


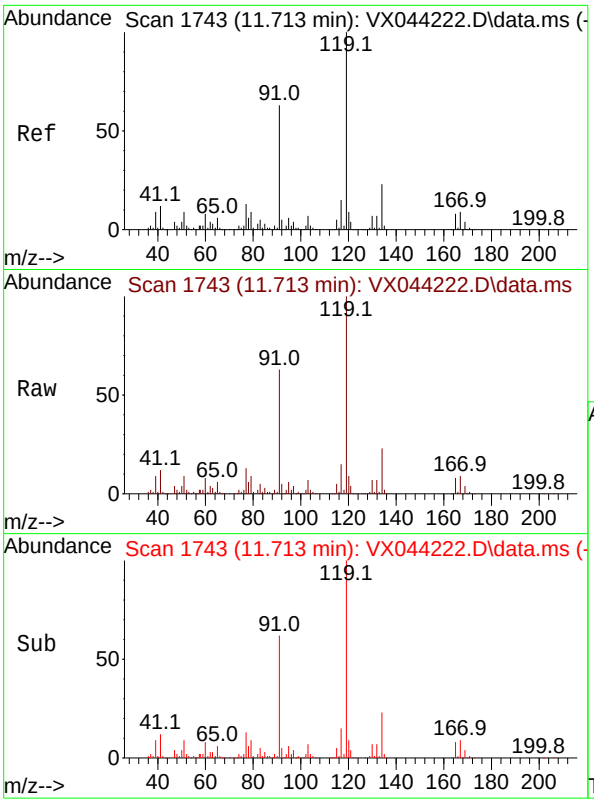


#82
4-Chlorotoluene
Concen: 51.387 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 91 Resp: 296520

Ion	Ratio	Lower	Upper
91	100		
126	29.0	14.5	43.5



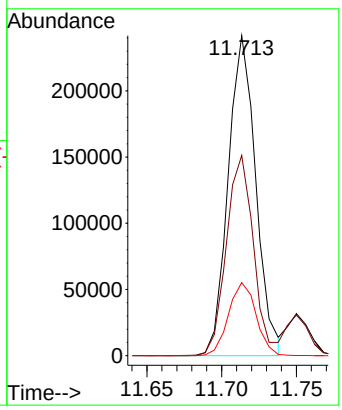


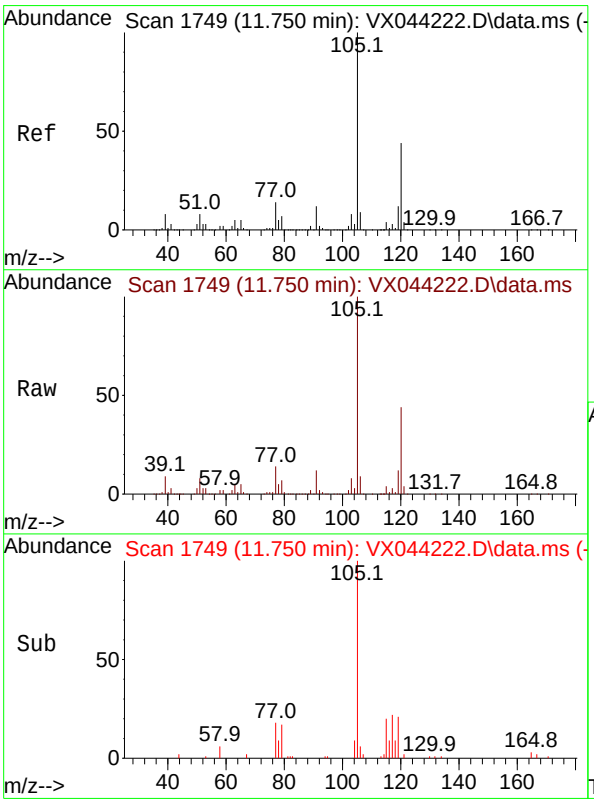
#83
tert-Butylbenzene
Concen: 51.940 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 310320

Ion	Ratio	Lower	Upper
119	100		
91	61.7	30.9	92.5
134	22.9	11.5	34.4

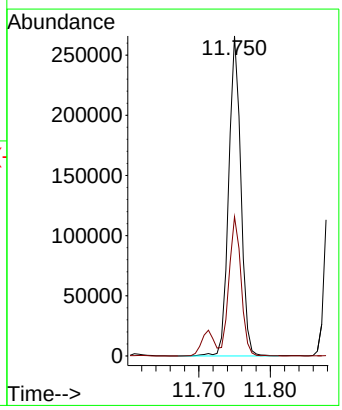


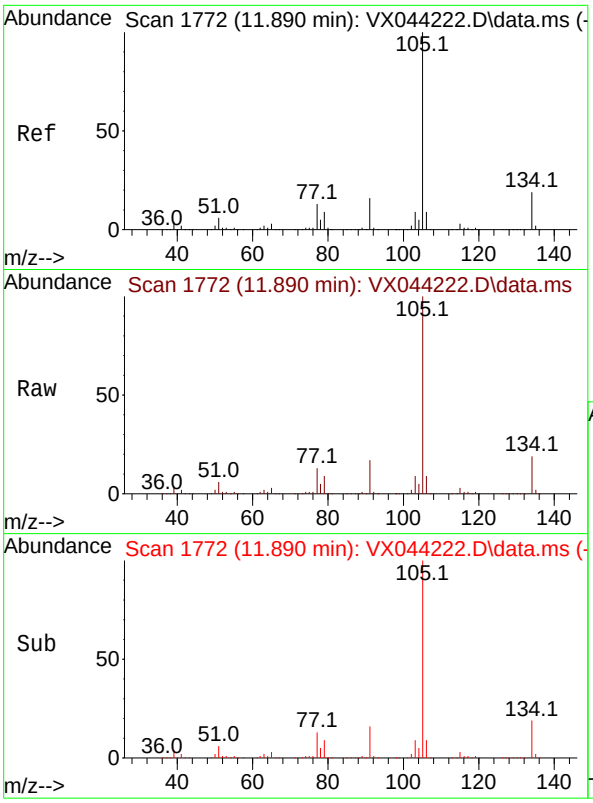


#84
1,2,4-Trimethylbenzene
Concen: 52.776 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:105 Resp: 313338

Ion	Ratio	Lower	Upper
105	100		
120	43.4	21.7	65.1



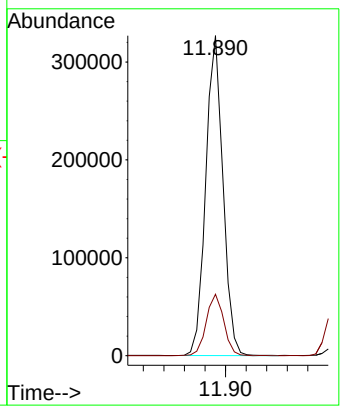


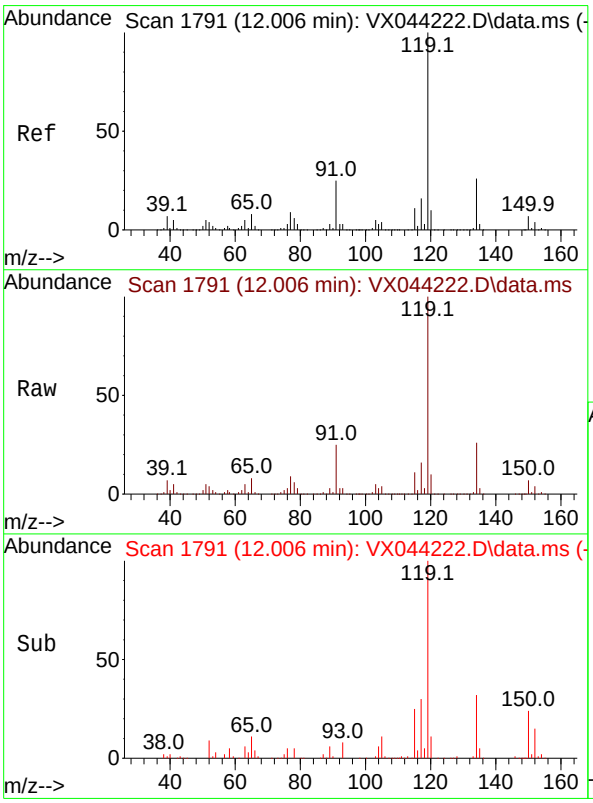
#85
sec-Butylbenzene
Concen: 52.329 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 379552

Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.4

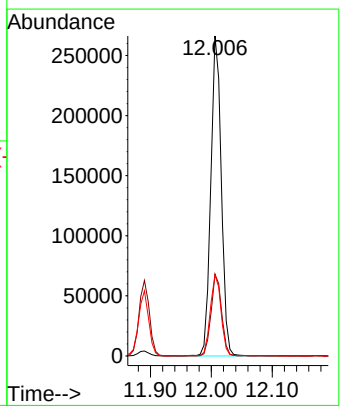


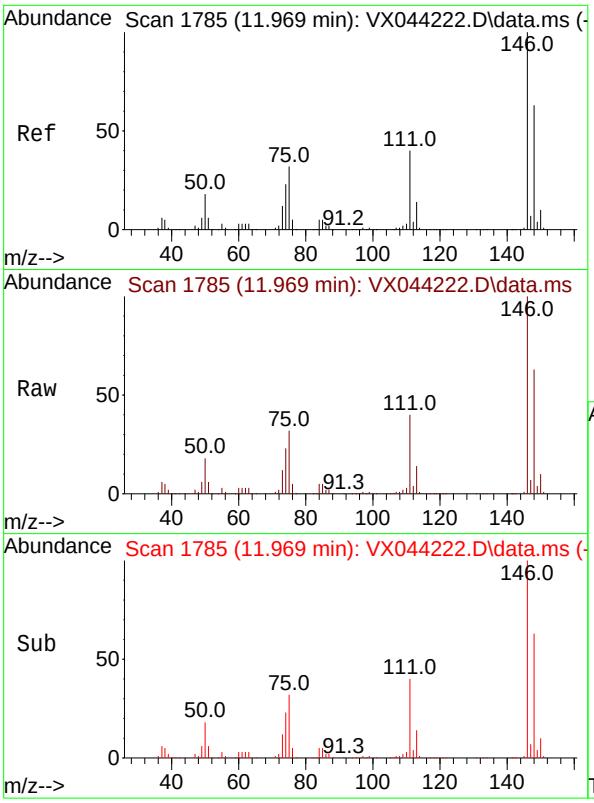


#86
p-Isopropyltoluene
Concen: 52.796 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:119 Resp: 318721

Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.8	38.4
91	26.0	13.0	39.0



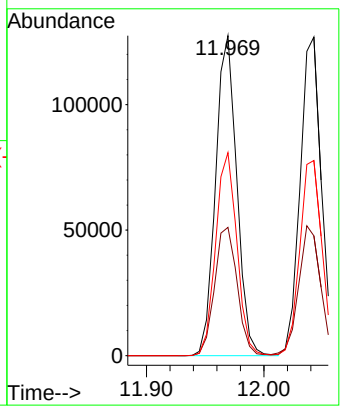


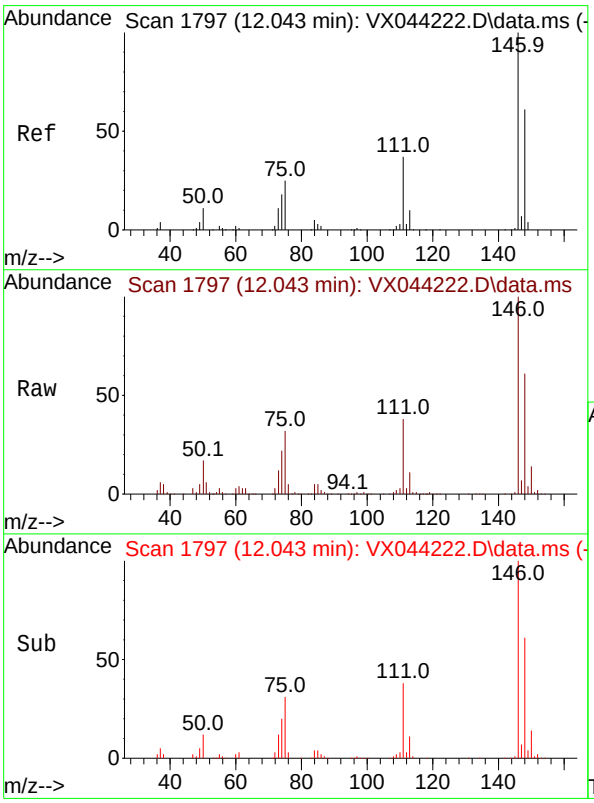
#87
1,3-Dichlorobenzene
Concen: 51.887 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 160223

Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.4	64.2
148	63.4	31.7	95.1

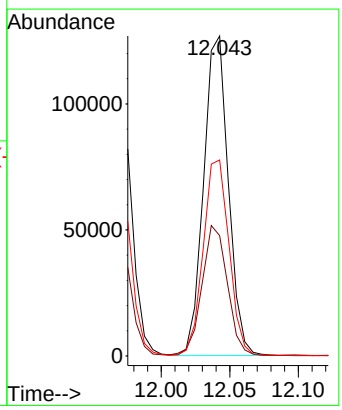


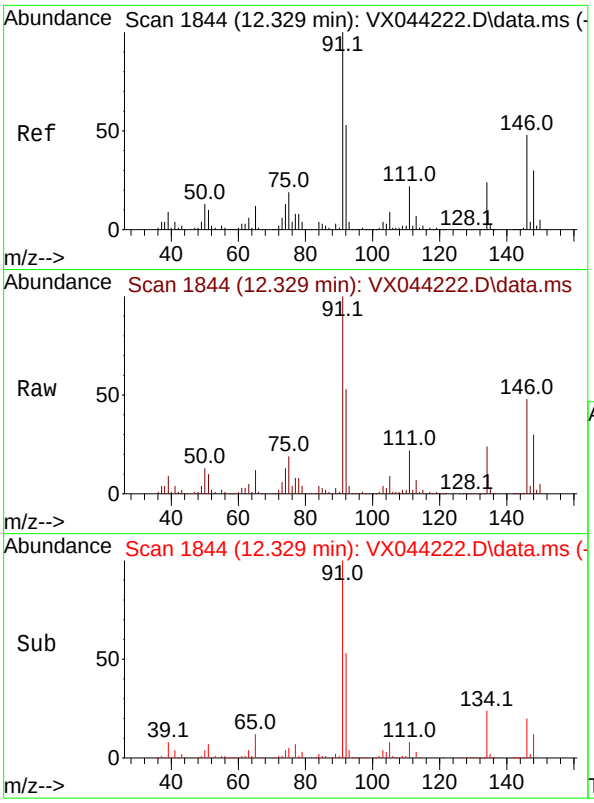


#88
1,4-Dichlorobenzene
Concen: 50.171 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:146 Resp: 159258

Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.0	63.0
148	64.5	32.3	96.8



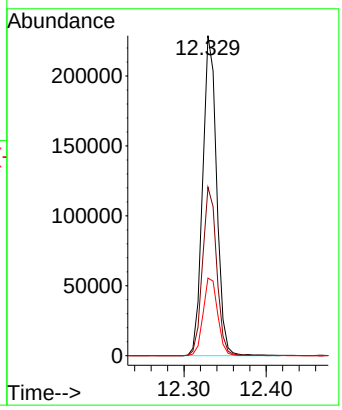


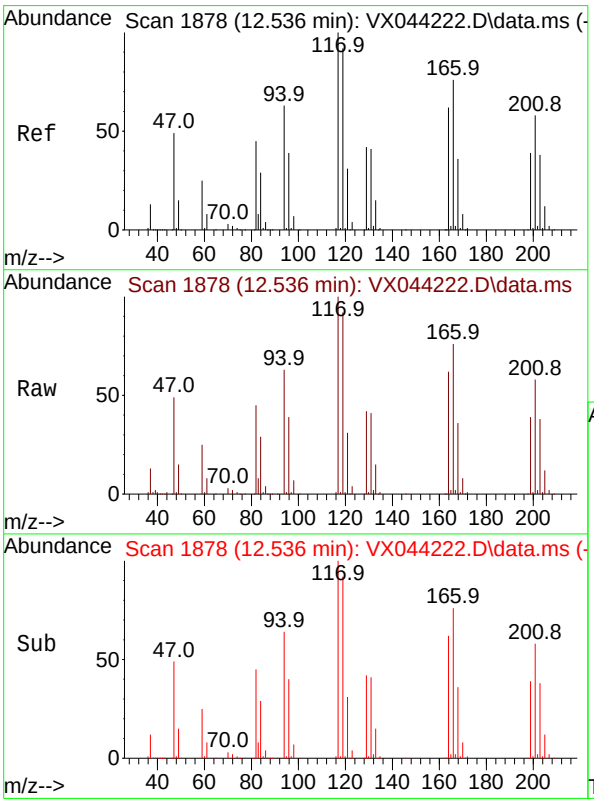
#89
n-Butylbenzene
Concen: 53.354 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 270840

Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.6	79.7
134	25.2	12.6	37.8

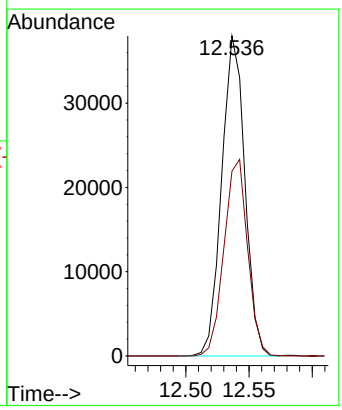


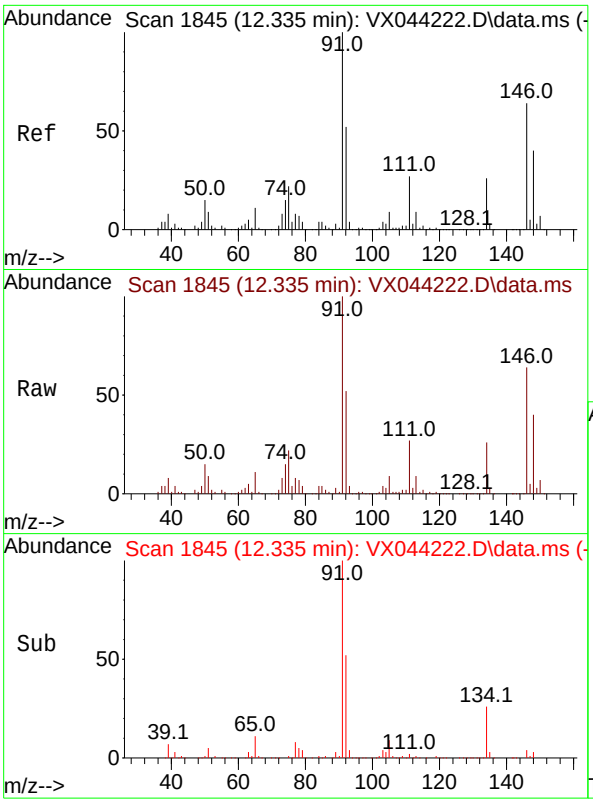


#90
Hexachloroethane
Concen: 54.813 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:117 Resp: 48303

Ion	Ratio	Lower	Upper
117	100		
201	62.8	31.4	94.2



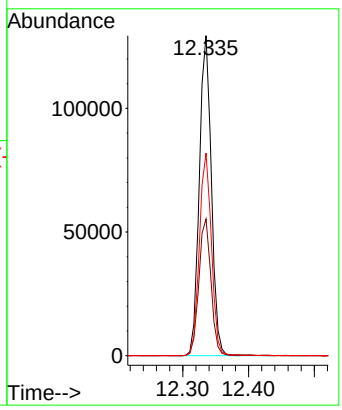


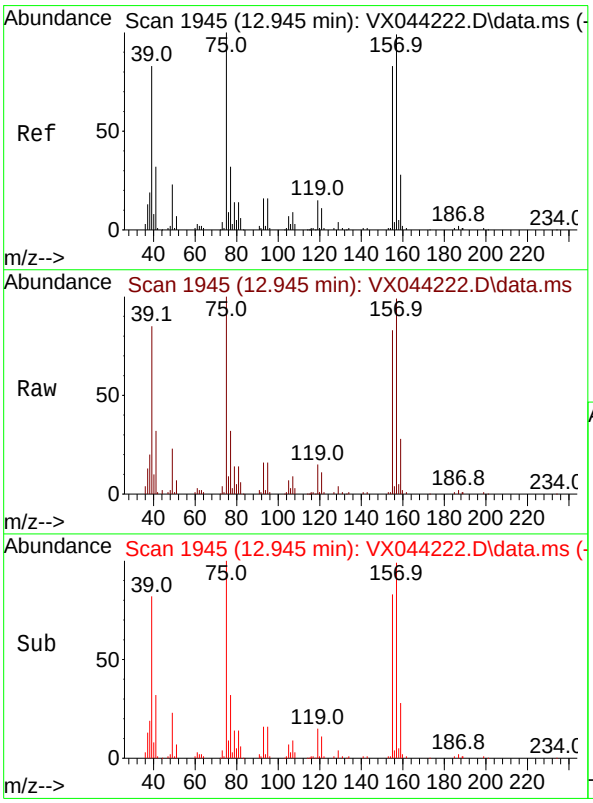
#91
1,2-Dichlorobenzene
Concen: 51.256 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 164342

Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.4	64.3
148	63.3	31.6	95.0

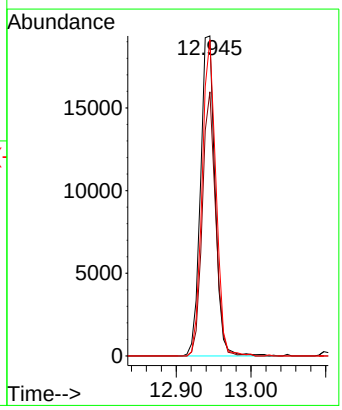


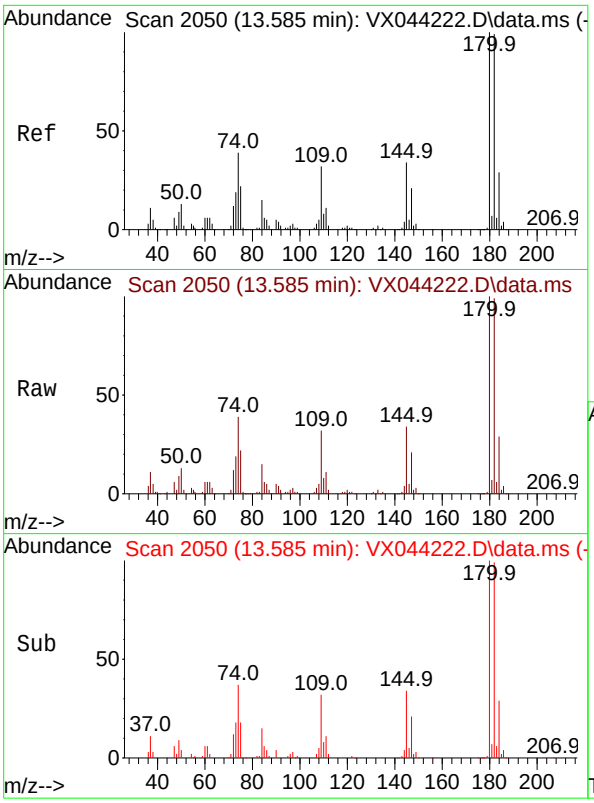


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.951 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 75 Resp: 26027

Ion	Ratio	Lower	Upper
75	100		
155	76.2	38.1	114.3
157	94.4	47.2	141.6



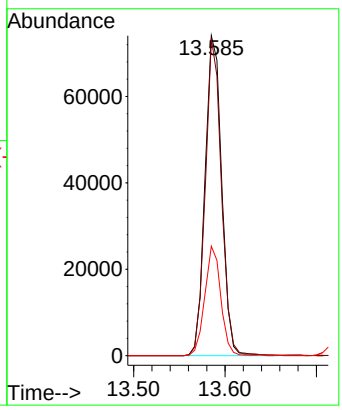


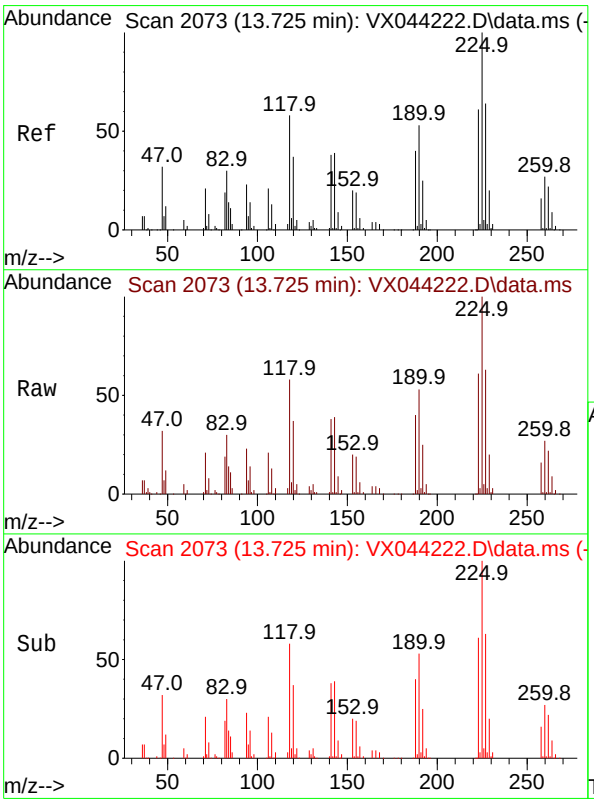
#93
1,2,4-Trichlorobenzene
Concen: 53.005 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:180 Resp: 93173

Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.0	144.2
145	33.1	16.6	49.7

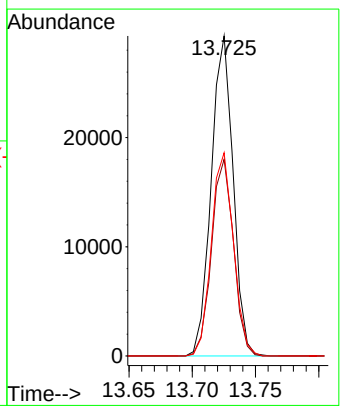


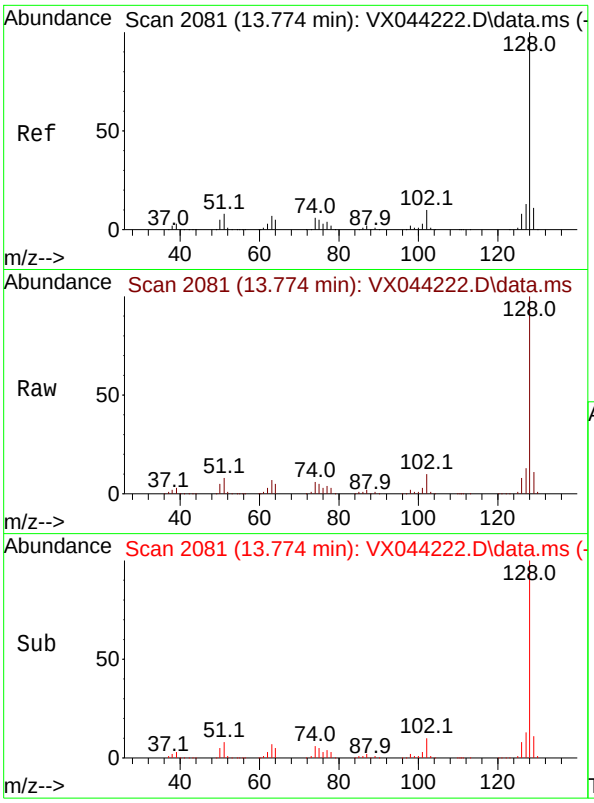


#94
Hexachlorobutadiene
Concen: 49.744 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:225 Resp: 35172

Ion	Ratio	Lower	Upper
225	100		
223	61.6	30.8	92.4
227	64.2	32.1	96.3



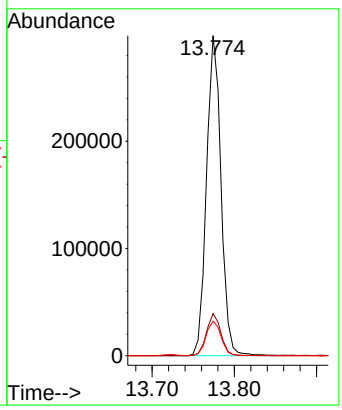


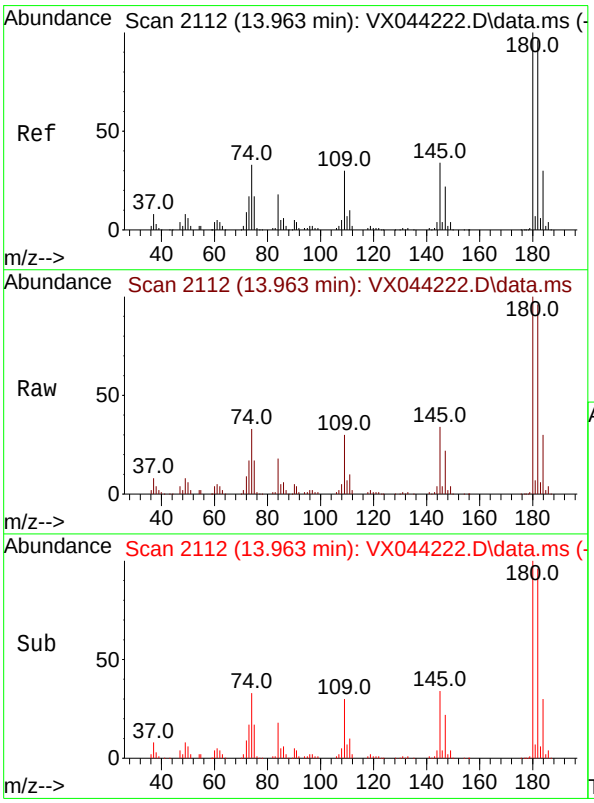
#95
Naphthalene
Concen: 53.230 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 365234

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.2	9.0	13.4

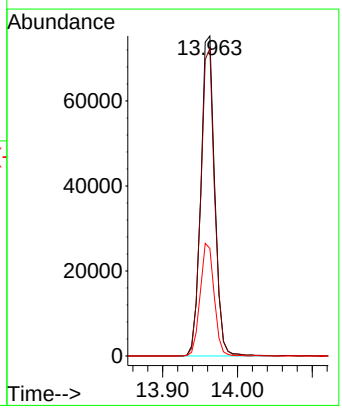




#96
1,2,3-Trichlorobenzene
Concen: 52.027 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:180 Resp: 97000

Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.0	144.0
145	35.4	17.7	53.1



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044223.D
Acq On : 11 Dec 2024 12:37
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Dec 12 04:15:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	130101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	235738	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	224292	98.326	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 196.660%#			
35) Dibromofluoromethane	5.379	113	169582	103.866	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 207.740%#			
50) Toluene-d8	8.647	98	579477	105.201	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 210.400%#			
62) 4-Bromofluorobenzene	11.079	95	203694	105.830	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 211.660%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	193785	96.329	ug/l	97
3) Chloromethane	1.295	50	186167	96.774	ug/l	99
4) Vinyl Chloride	1.374	62	187739	93.675	ug/l	99
5) Bromomethane	1.593	94	137770	96.897	ug/l	97
6) Chloroethane	1.660	64	109912	88.074	ug/l	95
7) Trichlorofluoromethane	1.862	101	384622	98.030	ug/l	98
8) Diethyl Ether	2.136	74	124039	92.618	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.313	101	149151	93.944	ug/l	99
10) Methyl Iodide	2.441	142	203545	97.275	ug/l	100
11) Tert butyl alcohol	3.008	59	173139	539.406	ug/l	100
12) 1,1-Dichloroethene	2.307	96	144268	98.930	ug/l	100
13) Acrolein	2.240	56	226037	485.718	ug/l	99
14) Allyl chloride	2.654	41	244602	100.703	ug/l	99
15) Acrylonitrile	3.069	53	446747	501.661	ug/l	99
16) Acetone	2.392	43	452955	487.065	ug/l	97
17) Carbon Disulfide	2.496	76	320036	115.453	ug/l	99
18) Methyl Acetate	2.709	43	230998	96.338	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	564545	99.205	ug/l	99
20) Methylene Chloride	2.782	84	168498	96.466	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	154797	99.880	ug/l	98
22) Diisopropyl ether	3.764	45	538742	98.498	ug/l	99
23) Vinyl Acetate	3.721	43	2395923	538.801	ug/l	100
24) 1,1-Dichloroethane	3.605	63	304626	99.915	ug/l	99
25) 2-Butanone	4.568	43	662768	501.306	ug/l	99
26) 2,2-Dichloropropane	4.471	77	258092	104.201	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	190127	96.593	ug/l	99
28) Bromochloromethane	4.891	49	144783	96.842	ug/l	99
29) Tetrahydrofuran	5.007	42	412666	486.290	ug/l	99
30) Chloroform	5.093	83	331047	96.642	ug/l	98
31) Cyclohexane	5.458	56	239879	97.433	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	291065	102.363	ug/l	99
36) 1,1-Dichloropropene	5.684	75	209732	99.376	ug/l	98
37) Ethyl Acetate	4.721	43	266307	102.079	ug/l	100
38) Carbon Tetrachloride	5.672	117	236869	104.249	ug/l	96
39) Methylcyclohexane	7.373	83	259368	102.800	ug/l	98
40) Benzene	6.032	78	638055	99.575	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044223.D
Acq On : 11 Dec 2024 12:37
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Dec 12 04:15:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	140375	101.332	ug/l		99
42) 1,2-Dichloroethane	6.086	62	261991	99.255	ug/l		99
43) Isopropyl Acetate	6.342	43	427893	104.939	ug/l		99
44) Trichloroethene	7.123	130	158990	99.497	ug/l		99
45) 1,2-Dichloropropane	7.428	63	160913	98.293	ug/l		97
46) Dibromomethane	7.580	93	130316	102.607	ug/l		99
47) Bromodichloromethane	7.818	83	244401	111.423	ug/l		100
48) Methyl methacrylate	7.696	41	203116	102.618	ug/l		99
49) 1,4-Dioxane	7.665	88	61921	1830.521	ug/l	#	80
51) 4-Methyl-2-Pentanone	8.574	43	1322678	504.496	ug/l		99
52) Toluene	8.714	92	396383	98.506	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	248092	99.321	ug/l		95
54) cis-1,3-Dichloropropene	8.366	75	263014	110.127	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	157366	98.441	ug/l		98
56) Ethyl methacrylate	9.116	69	271146	107.442	ug/l		99
57) 1,3-Dichloropropane	9.305	76	274642	98.704	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.238	63	671233	527.342	ug/l		100
59) 2-Hexanone	9.433	43	989466	521.401	ug/l		99
60) Dibromochloromethane	9.519	129	178135	99.480	ug/l		99
61) 1,2-Dibromoethane	9.610	107	171458	105.371	ug/l		97
64) Tetrachloroethene	9.269	164	130678	94.131	ug/l		97
65) Chlorobenzene	10.080	112	433179	96.650	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	153882	106.831	ug/l		99
67) Ethyl Benzene	10.195	91	765930	98.906	ug/l		97
68) m/p-Xylenes	10.299	106	571648	201.171	ug/l		99
69) o-Xylene	10.640	106	280603	97.597	ug/l		100
70) Styrene	10.653	104	480077	104.159	ug/l		97
71) Bromoform	10.799	173	112482	99.723	ug/l	#	98
73) Isopropylbenzene	10.964	105	731955	97.894	ug/l		99
74) N-amyl acetate	10.842	43	371420	107.485	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.214	83	245395	94.491	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	278299	125.569	ug/l		85
77) Bromobenzene	11.195	156	175647	96.874	ug/l		98
78) n-propylbenzene	11.305	91	836676	101.242	ug/l		99
79) 2-Chlorotoluene	11.366	91	504407	94.377	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	604993	97.570	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	78453	97.165	ug/l		94
82) 4-Chlorotoluene	11.451	91	588197	99.384	ug/l		99
83) tert-Butylbenzene	11.713	119	606738	99.013	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	614999	100.994	ug/l		100
85) sec-Butylbenzene	11.890	105	743098	99.889	ug/l		100
86) p-Isopropyltoluene	12.006	119	624416	100.847	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	317377	100.210	ug/l		99
88) 1,4-Dichlorobenzene	12.043	146	316688	97.271	ug/l		99
89) n-Butylbenzene	12.329	91	564303	108.385	ug/l		99
90) Hexachloroethane	12.536	117	105946	117.218	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	323040	98.232	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	54588	108.279	ug/l		93
93) 1,2,4-Trichlorobenzene	13.585	180	197899	109.766	ug/l		98
94) Hexachlorobutadiene	13.725	225	72453	99.908	ug/l		97
95) Naphthalene	13.774	128	755181	107.308	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	206053	107.754	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044223.D
Acq On : 11 Dec 2024 12:37
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Dec 12 04:15:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

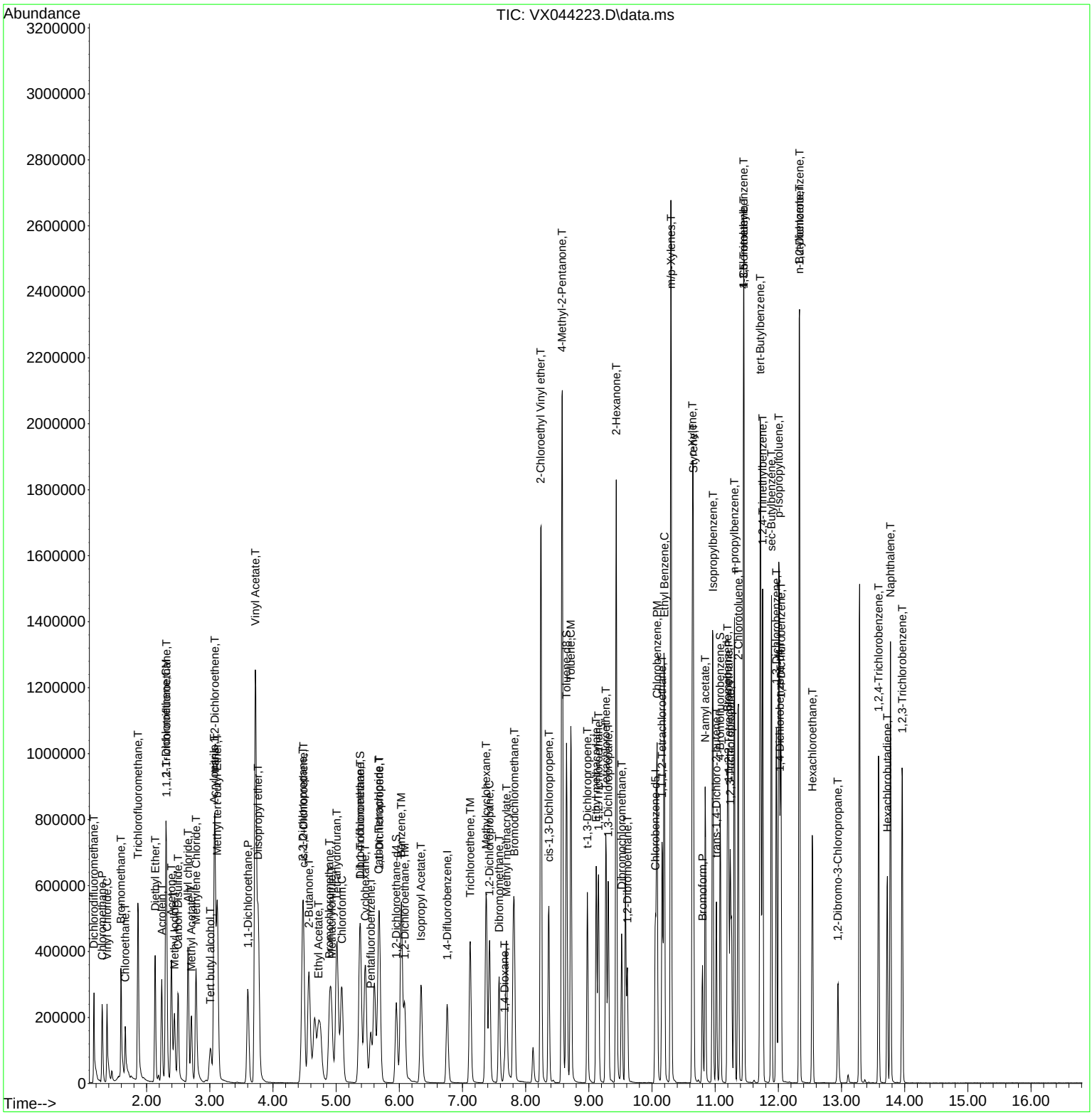
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

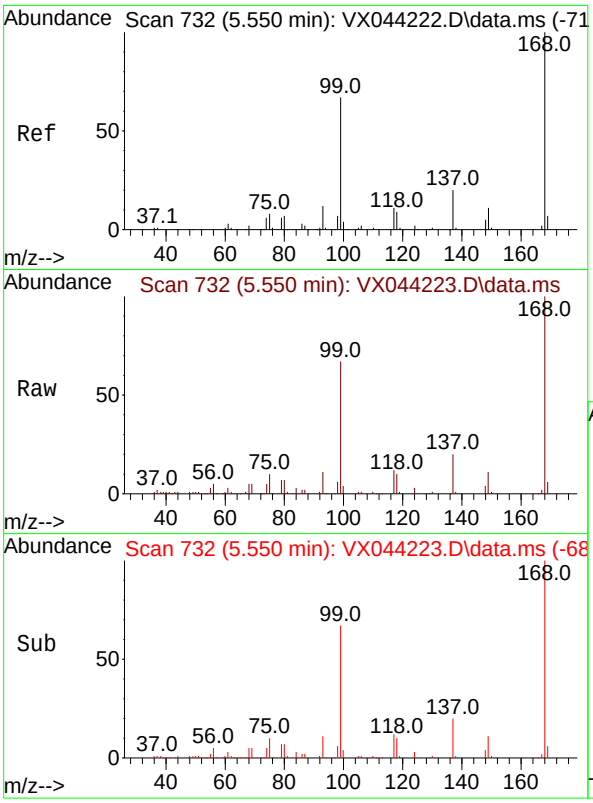
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044223.D
Acq On : 11 Dec 2024 12:37
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Dec 12 04:15:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration



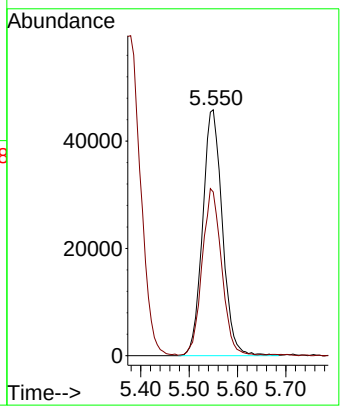


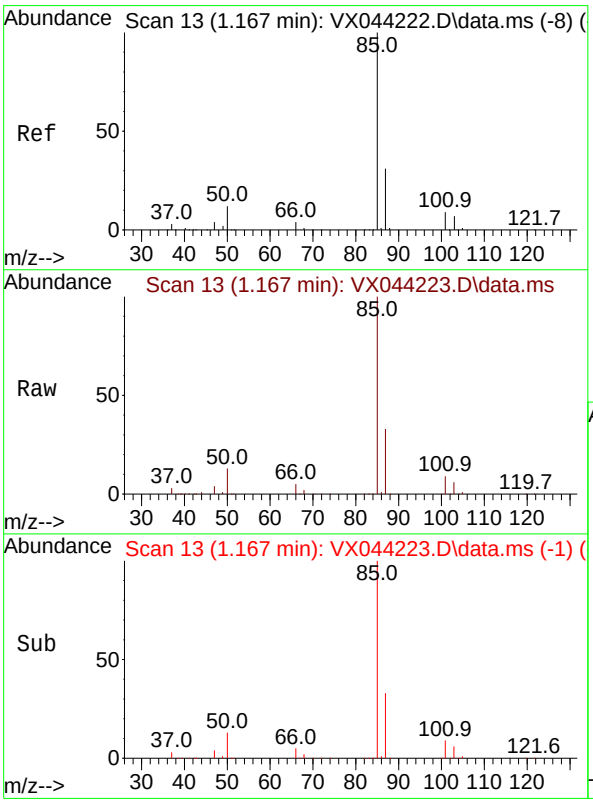
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:168 Resp: 130101

Ion	Ratio	Lower	Upper
168	100		
99	66.4	53.4	80.0

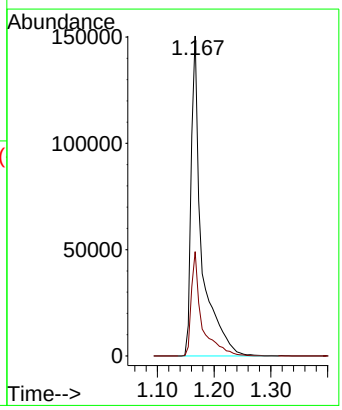


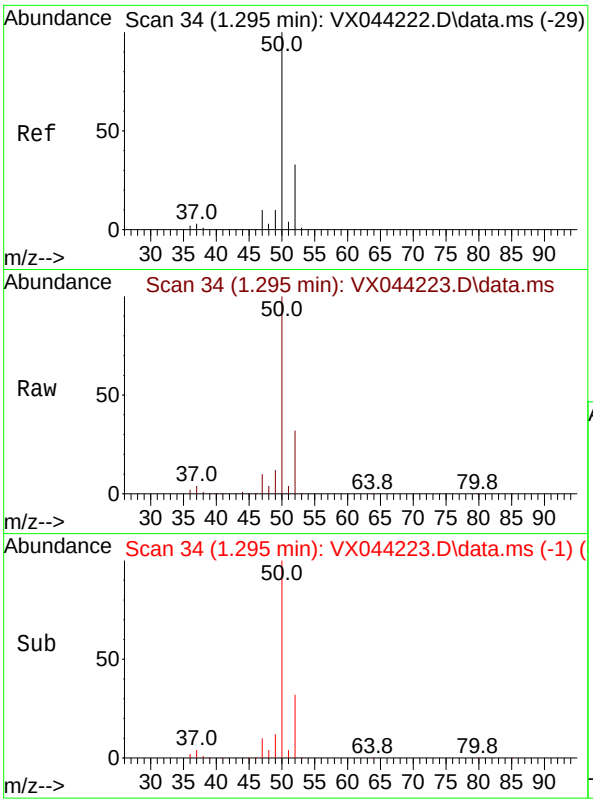


#2
Dichlorodifluoromethane
Concen: 96.329 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 85 Resp: 193785

Ion	Ratio	Lower	Upper
85	100		
87	32.6	15.4	46.4



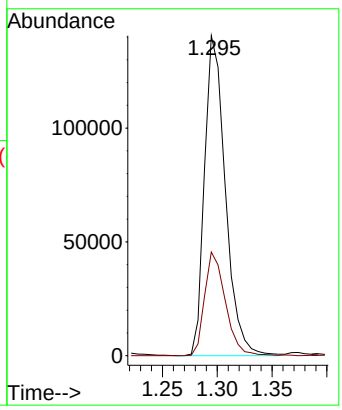


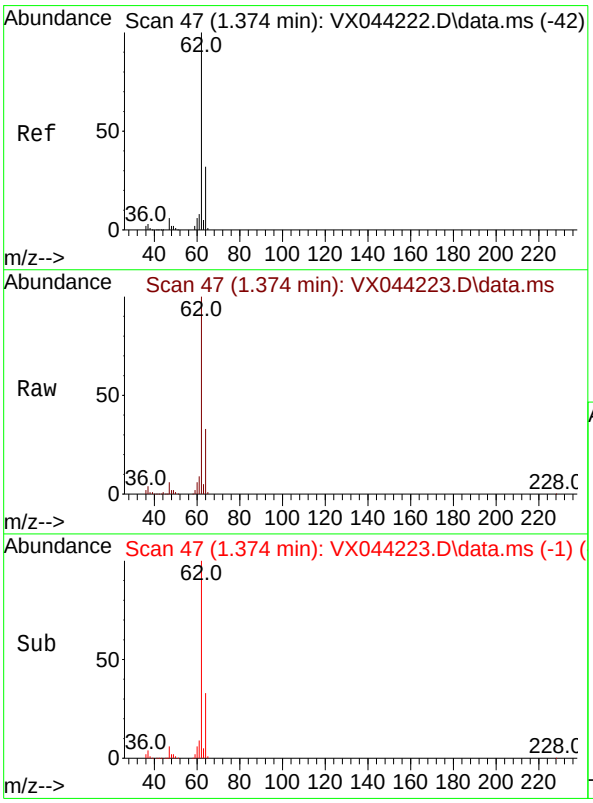
#3
Chloromethane
Concen: 96.774 ug/l
RT: 1.295 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 186167

Ion	Ratio	Lower	Upper
50	100		
52	32.4	26.5	39.7

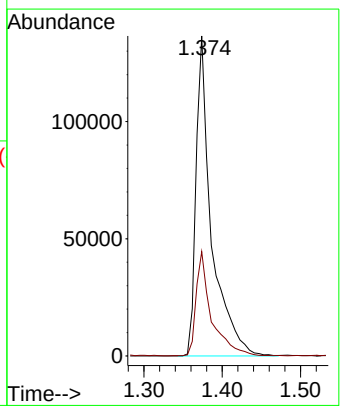


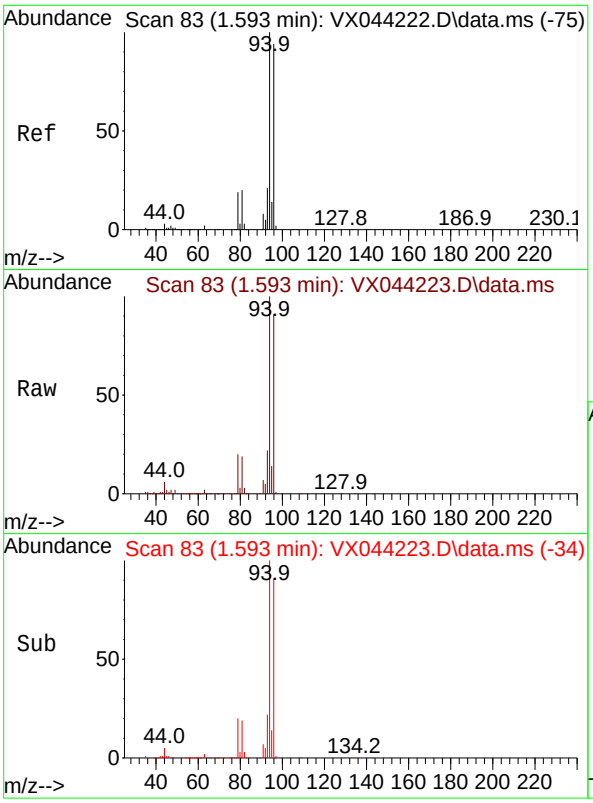


#4
Vinyl Chloride
Concen: 93.675 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 62 Resp: 187739

Ion	Ratio	Lower	Upper
62	100		
64	32.5	25.7	38.5



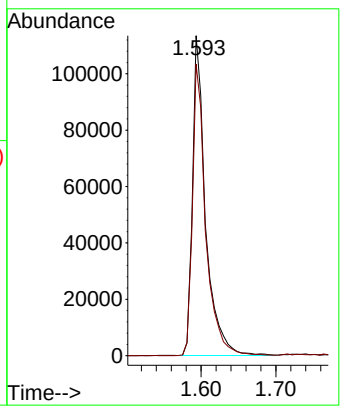


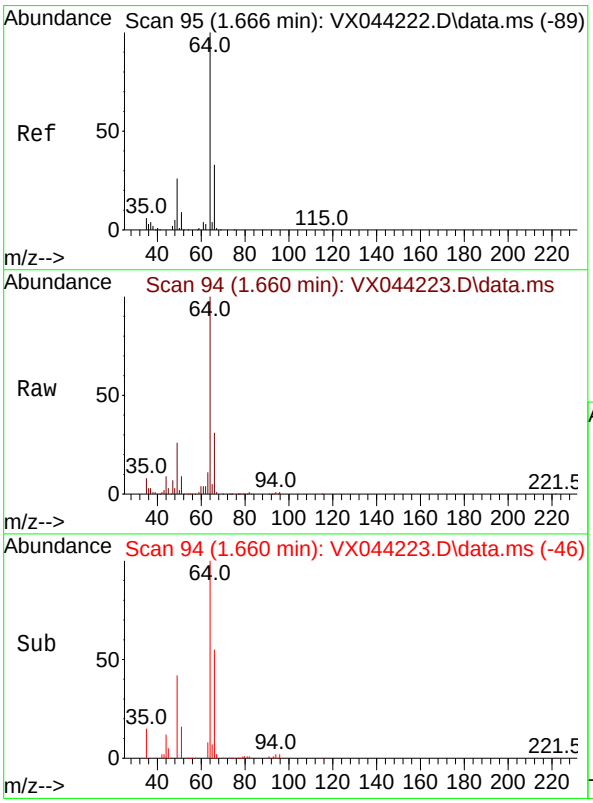
#5
Bromomethane
Concen: 96.897 ug/l
RT: 1.593 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 94 Resp: 137770

Ion	Ratio	Lower	Upper
94	100		
96	91.1	74.9	112.3

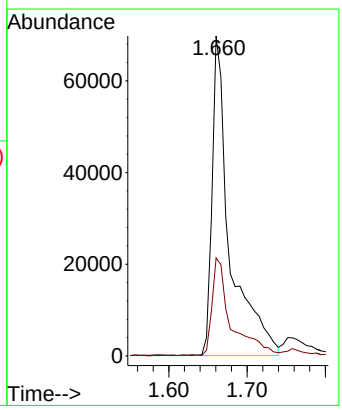


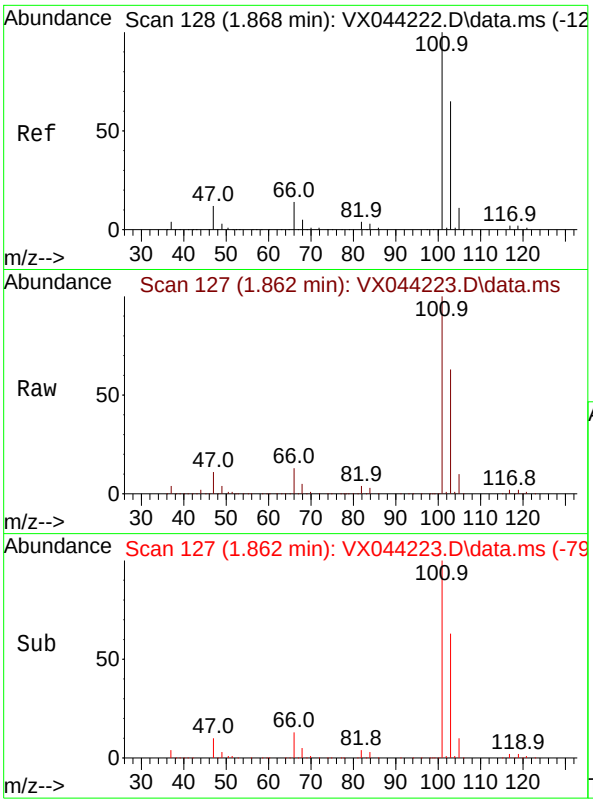


#6
Chloroethane
Concen: 88.074 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 64 Resp: 109912

Ion	Ratio	Lower	Upper
64	100		
66	30.5	26.6	39.8



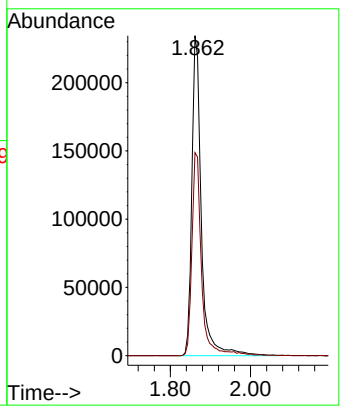


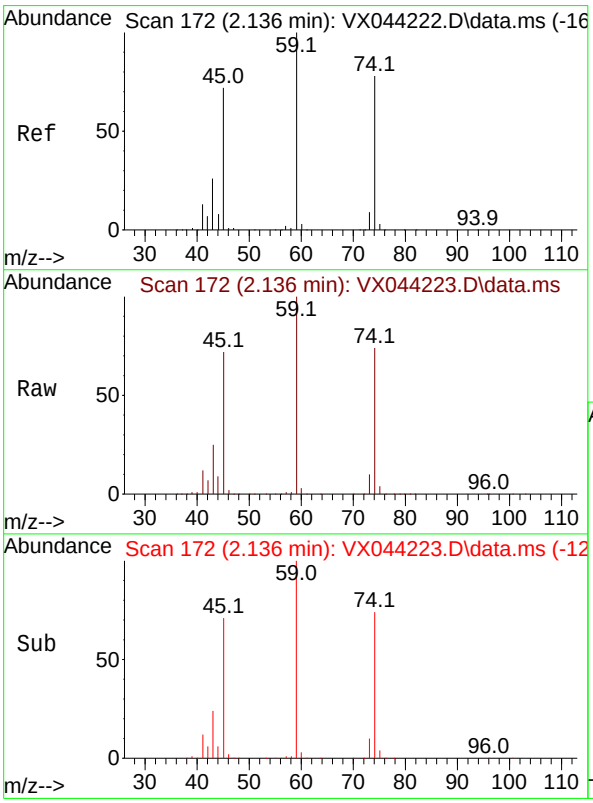
#7
Trichlorofluoromethane
Concen: 98.030 ug/l
RT: 1.862 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 384622

Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.8	77.8

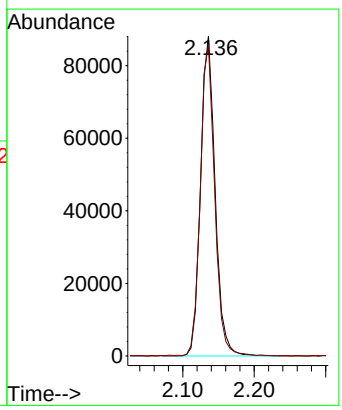


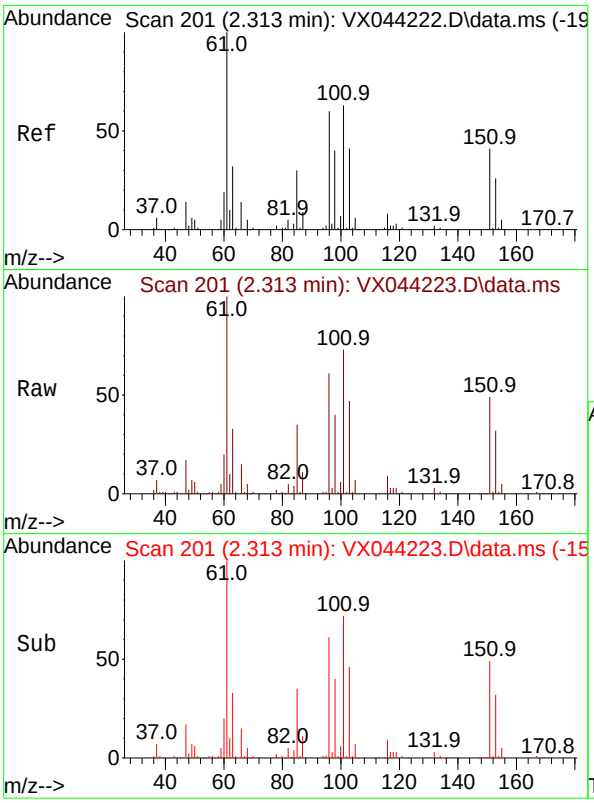


#8
Diethyl Ether
Concen: 92.618 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 74 Resp: 124039

Ion	Ratio	Lower	Upper
74	100		
45	96.3	48.4	145.0



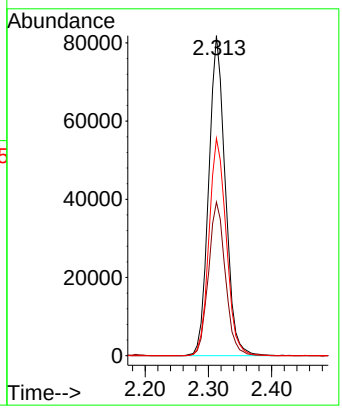


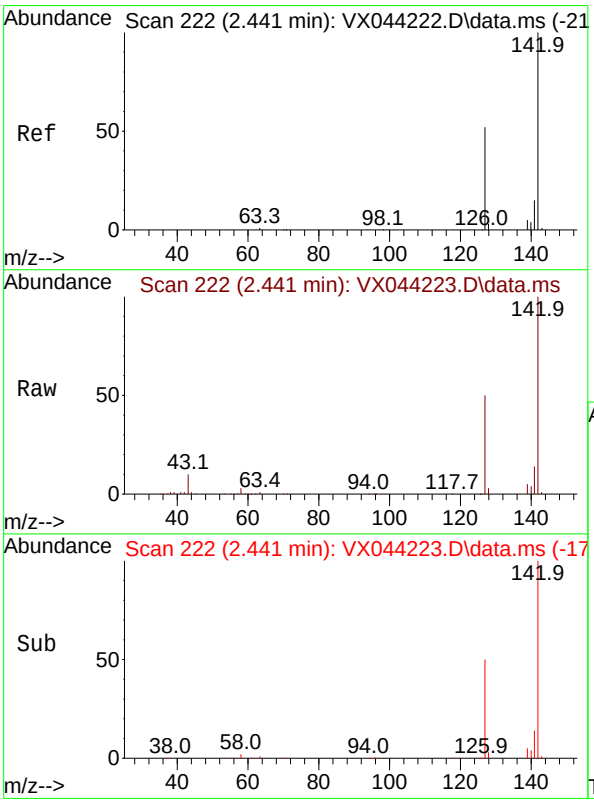
#9
1,1,2-Trichlorotrifluoroethane
Concen: 93.944 ug/l
RT: 2.313 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 149151

Ion	Ratio	Lower	Upper
101	100		
85	48.9	38.5	57.7
151	70.5	55.8	83.6

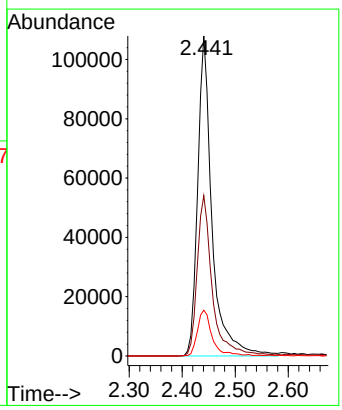


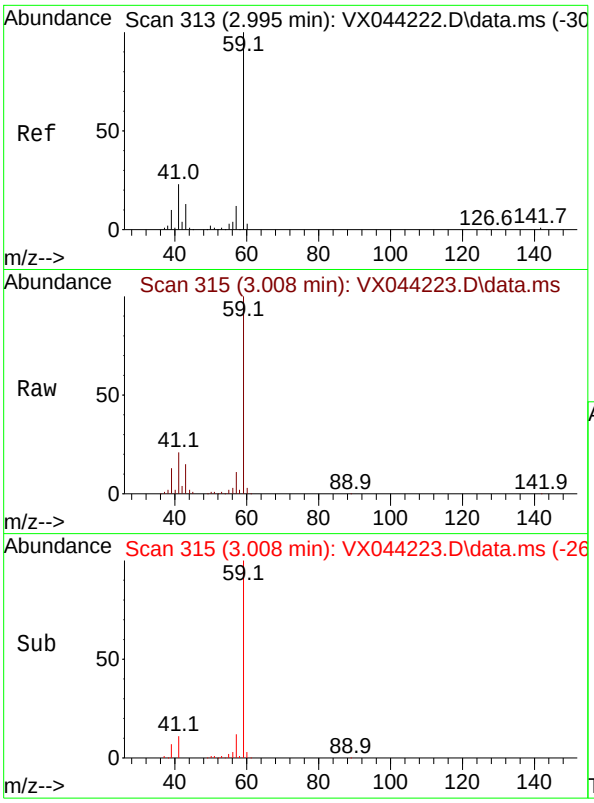


#10
Methyl Iodide
Concen: 97.275 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:142 Resp: 203545

Ion	Ratio	Lower	Upper
142	100		
127	52.4	41.8	62.8
141	14.8	11.5	17.3



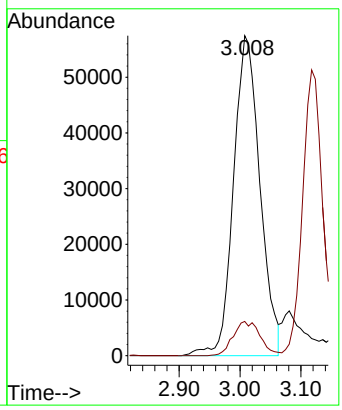


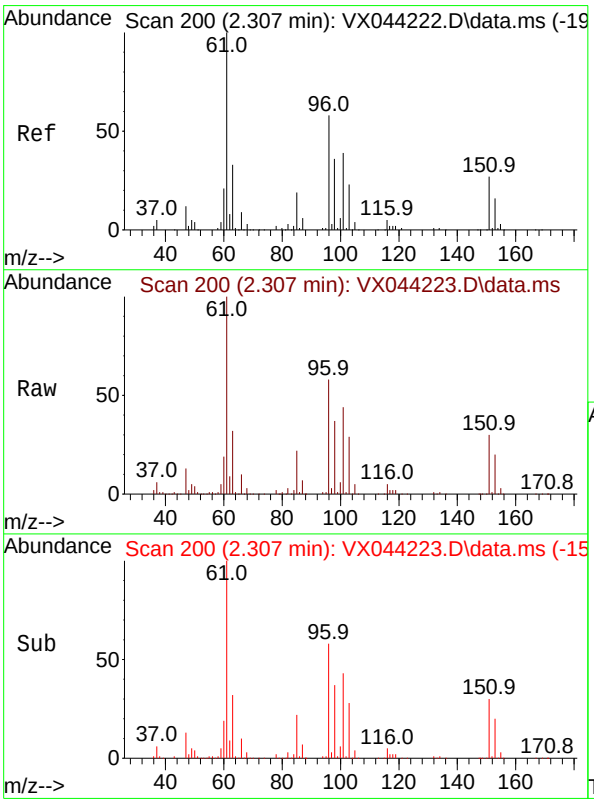
#11
Tert butyl alcohol
Concen: 539.406 ug/l
RT: 3.008 min Scan# 3
Delta R.T. 0.012 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 173139

Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.8	13.2

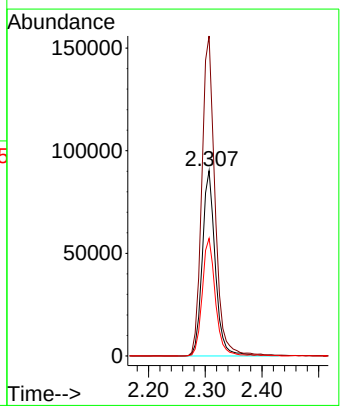


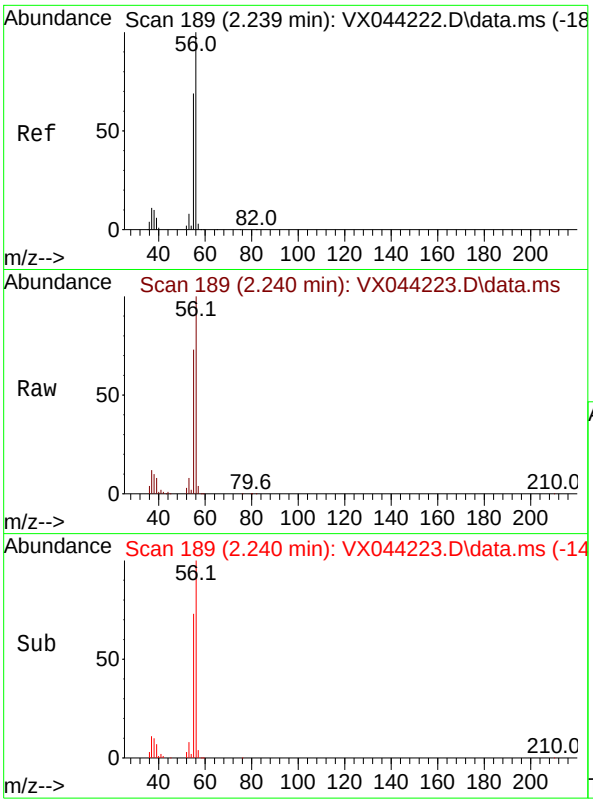


#12
1,1-Dichloroethene
Concen: 98.930 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 96 Resp: 144268

Ion	Ratio	Lower	Upper
96	100		
61	172.7	138.0	207.0
98	63.5	50.0	75.0



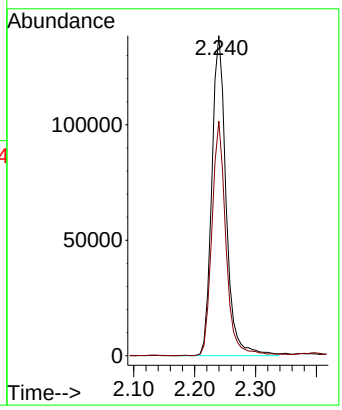


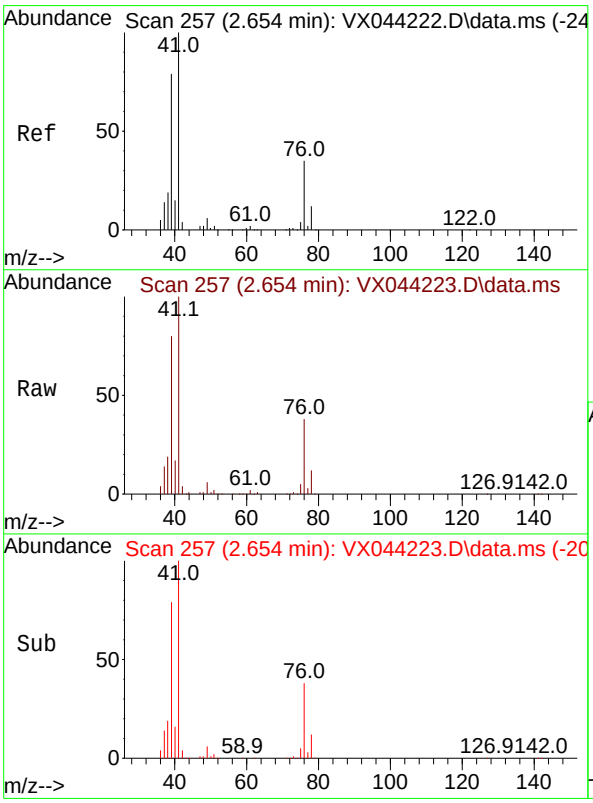
#13
Acrolein
Concen: 485.718 ug/l
RT: 2.240 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 226037

Ion	Ratio	Lower	Upper
56	100		
55	71.7	56.6	84.8

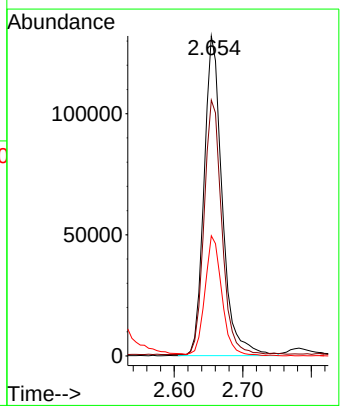


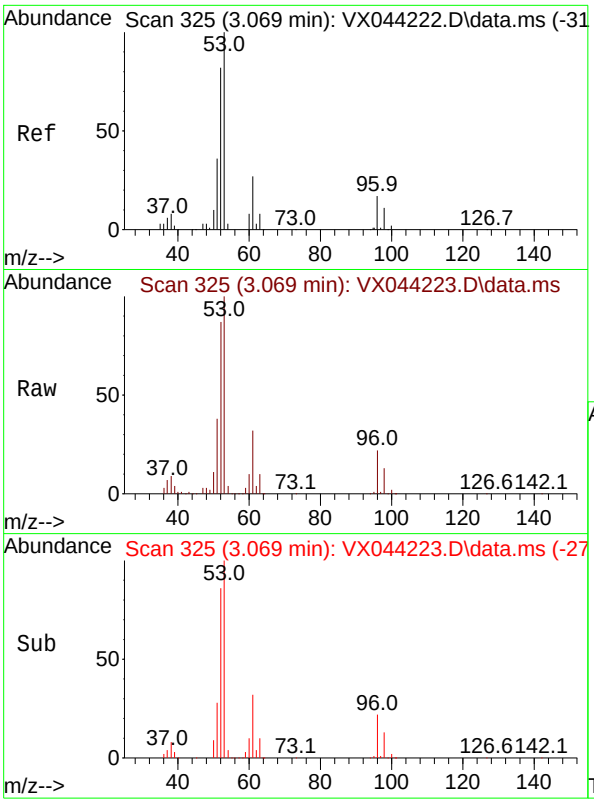


#14
Allyl chloride
Concen: 100.703 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 41 Resp: 244602

Ion	Ratio	Lower	Upper
41	100		
39	77.0	61.9	92.9
76	34.7	27.4	41.2



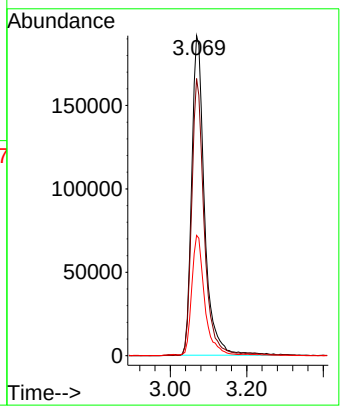


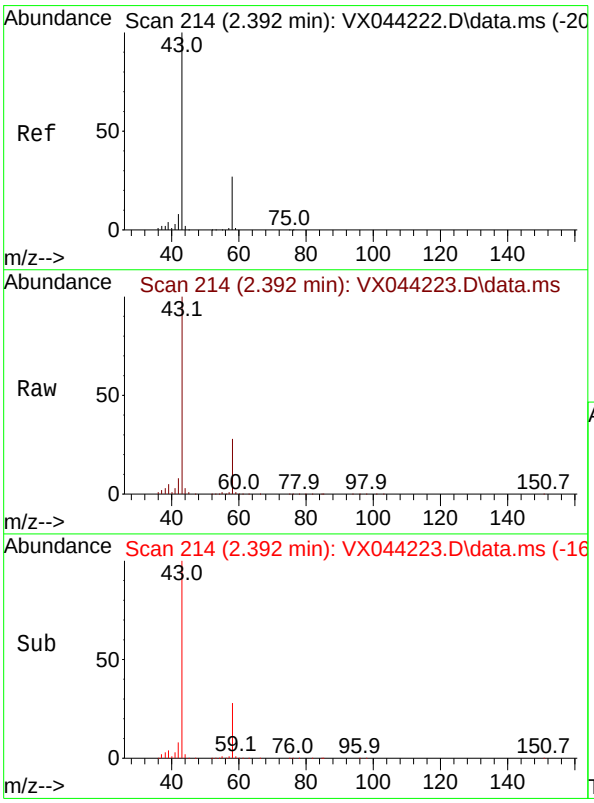
#15
Acrylonitrile
Concen: 501.661 ug/l
RT: 3.069 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 53 Resp: 446747

Ion	Ratio	Lower	Upper
53	100		
52	84.0	67.4	101.0
51	37.0	30.3	45.5

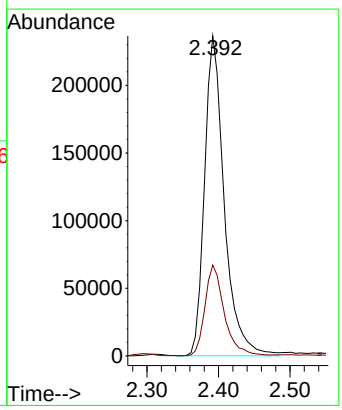


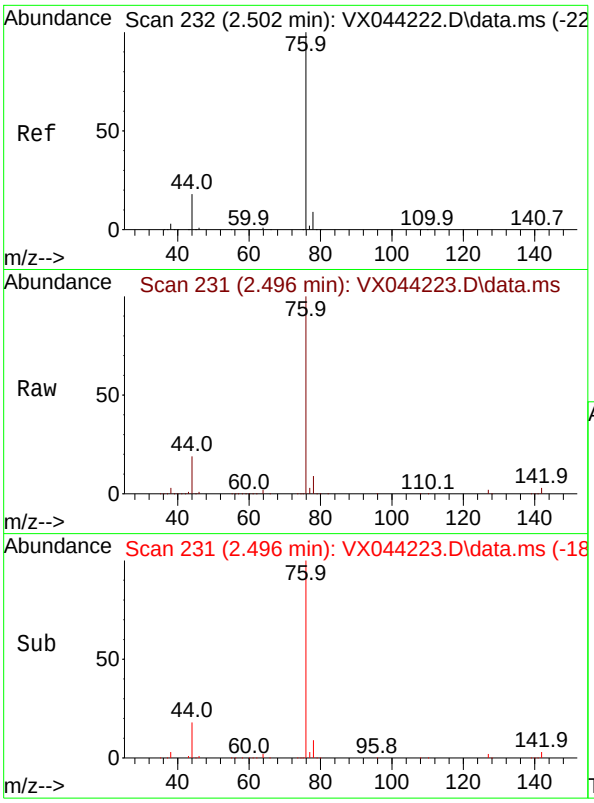


#16
Acetone
Concen: 487.065 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 43 Resp: 452955

Ion	Ratio	Lower	Upper
43	100		
58	28.4	21.6	32.4



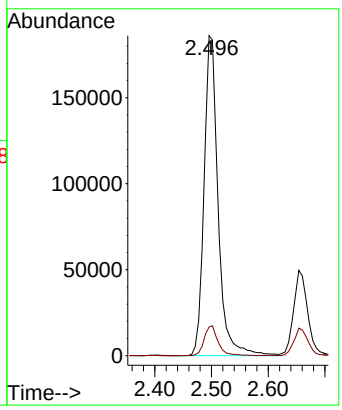


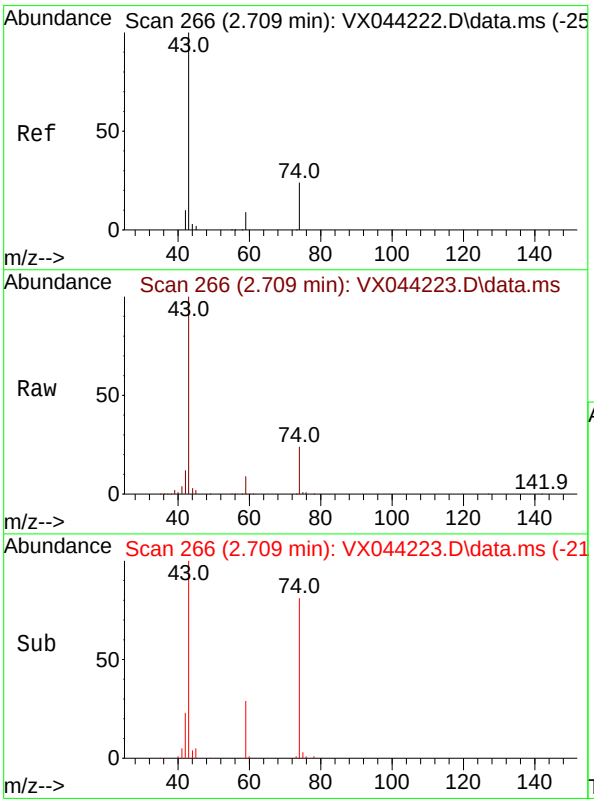
#17
Carbon Disulfide
Concen: 115.453 ug/l
RT: 2.496 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 320036

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0

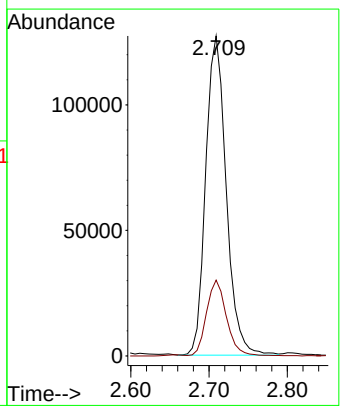


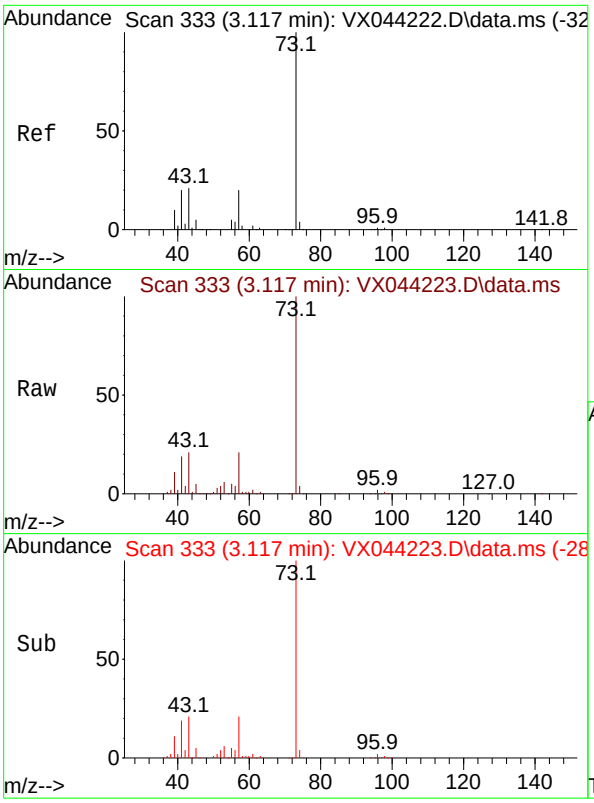


#18
Methyl Acetate
Concen: 96.338 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 43 Resp: 230998

Ion	Ratio	Lower	Upper
43	100		
74	23.3	17.7	26.5



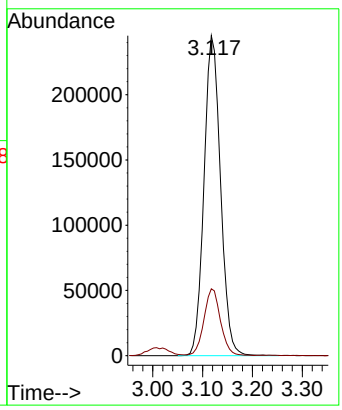


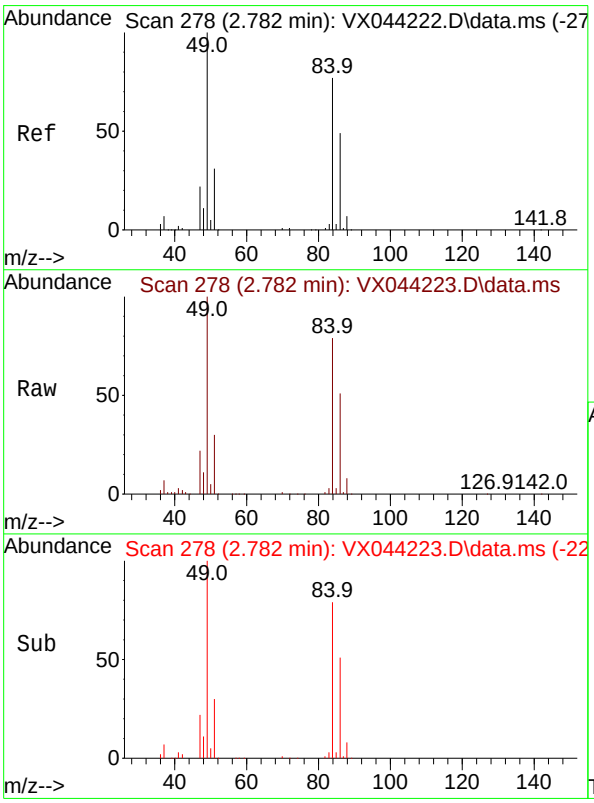
#19
Methyl tert-butyl Ether
Concen: 99.205 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 564545

Ion	Ratio	Lower	Upper
73	100		
57	20.8	16.2	24.4

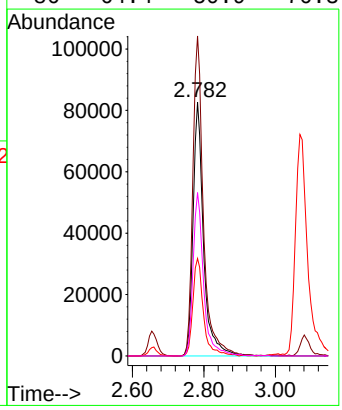


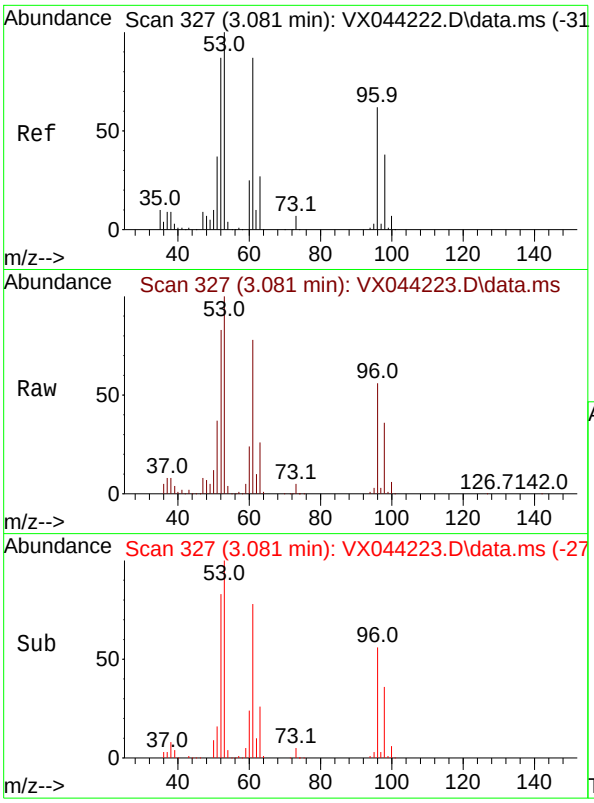


#20
Methylene Chloride
Concen: 96.466 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 84 Resp: 168498

Ion	Ratio	Lower	Upper
84	100		
49	126.1	104.2	156.4
51	38.4	32.2	48.4
86	64.4	50.9	76.3



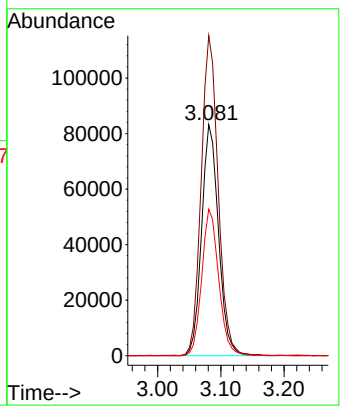


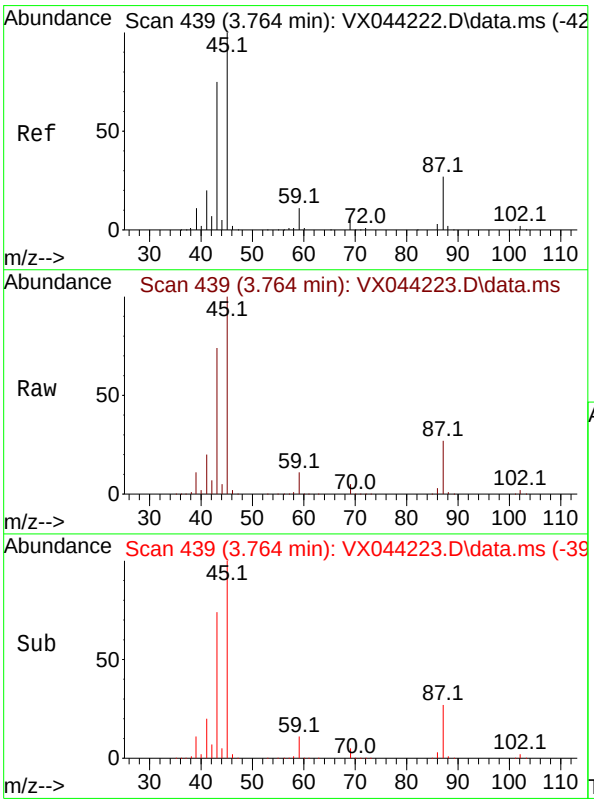
#21
trans-1,2-Dichloroethene
Concen: 99.880 ug/l
RT: 3.081 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 154797

Ion	Ratio	Lower	Upper
96	100		
61	138.4	112.0	168.0
98	63.5	48.8	73.2

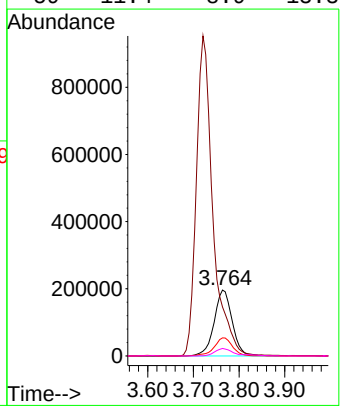


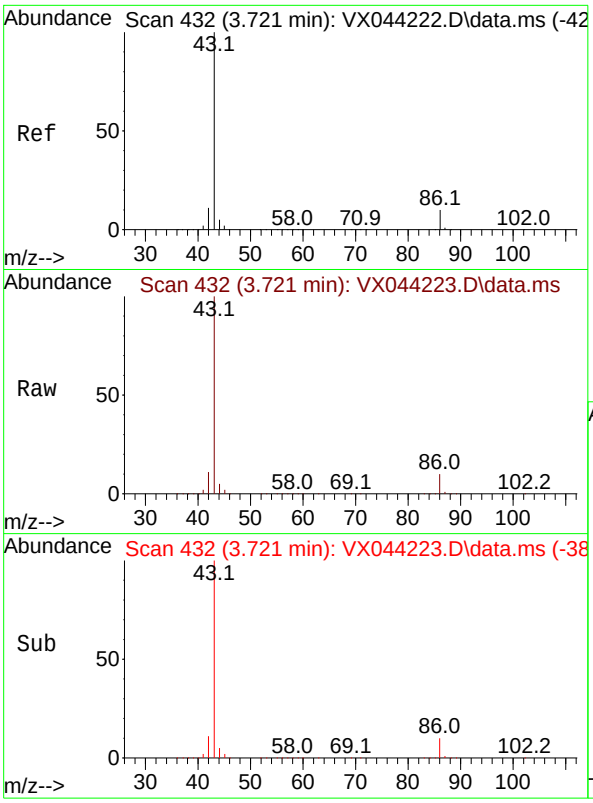


#22
Diisopropyl ether
Concen: 98.498 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 45 Resp: 538742

Ion	Ratio	Lower	Upper
45	100		
43	74.2	60.2	90.2
87	27.4	21.2	31.8
59	11.4	8.9	13.3



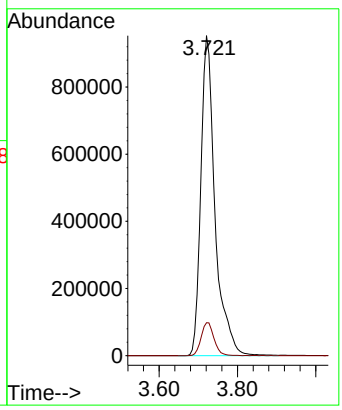


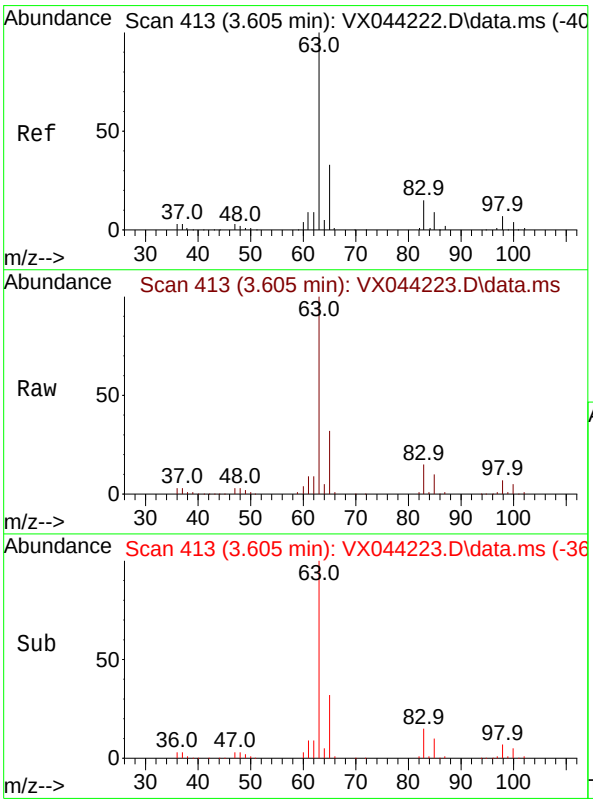
#23
Vinyl Acetate
Concen: 538.801 ug/l
RT: 3.721 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 2395923

Ion	Ratio	Lower	Upper
43	100		
86	10.3	8.2	12.2

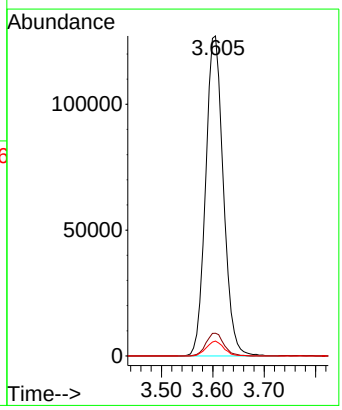


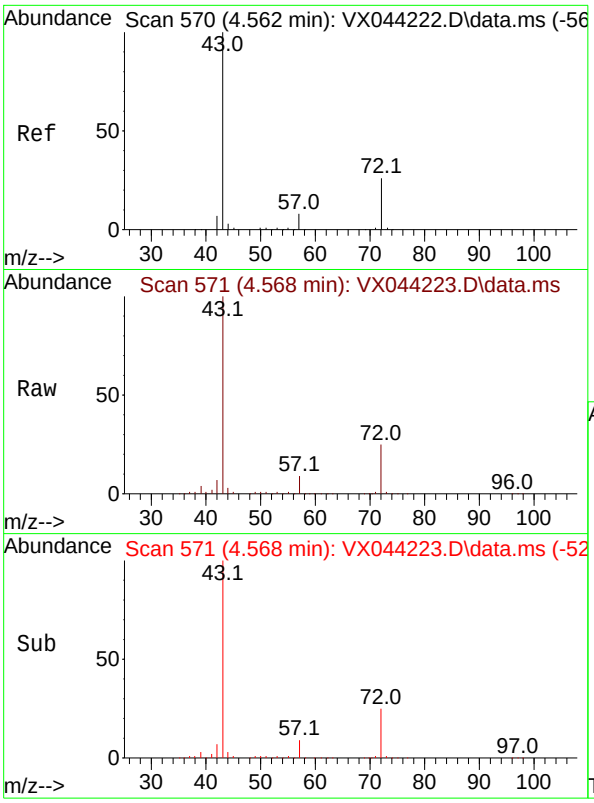


#24
1,1-Dichloroethane
Concen: 99.915 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 63 Resp: 304626

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.6	10.8
100	4.6	2.1	6.3



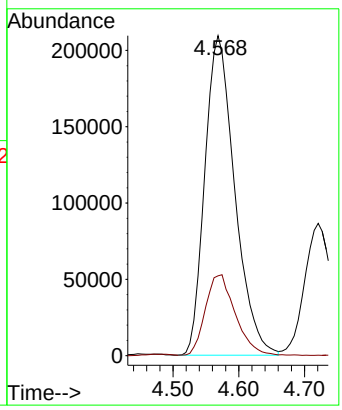


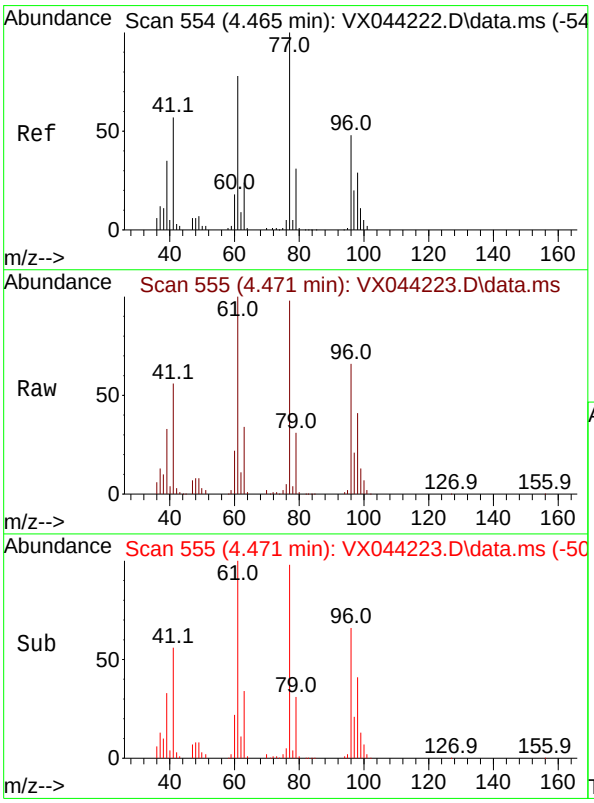
#25
2-Butanone
Concen: 501.306 ug/l
RT: 4.568 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 662768

Ion	Ratio	Lower	Upper
43	100		
72	24.8	20.2	30.4

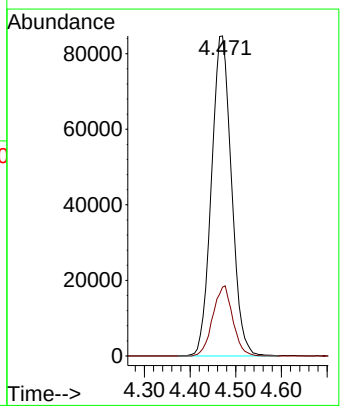


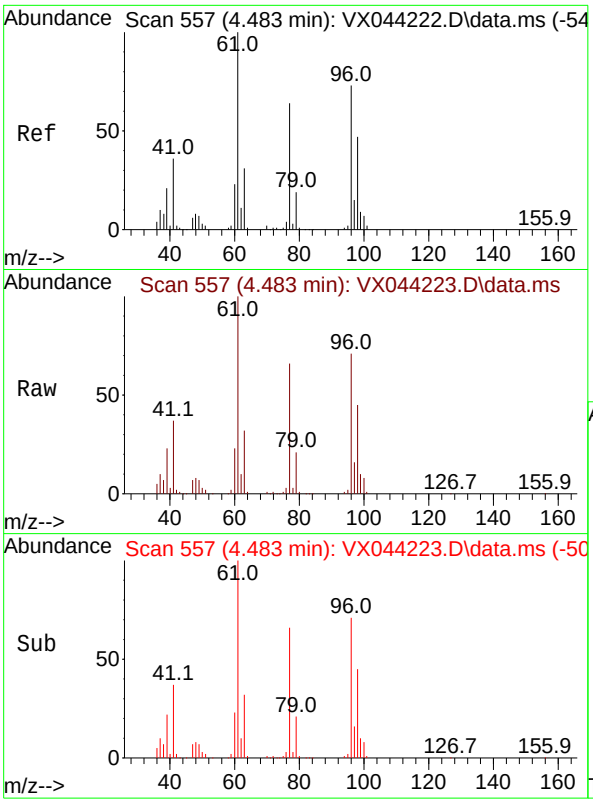


#26
2,2-Dichloropropane
Concen: 104.201 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 77 Resp: 258092

Ion	Ratio	Lower	Upper
77	100		
97	21.8	10.7	32.1



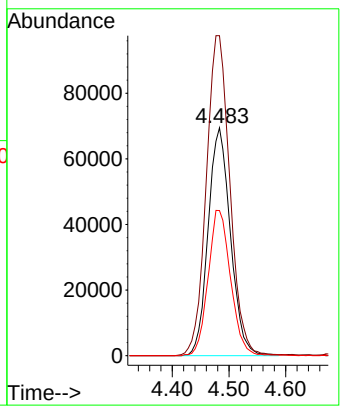


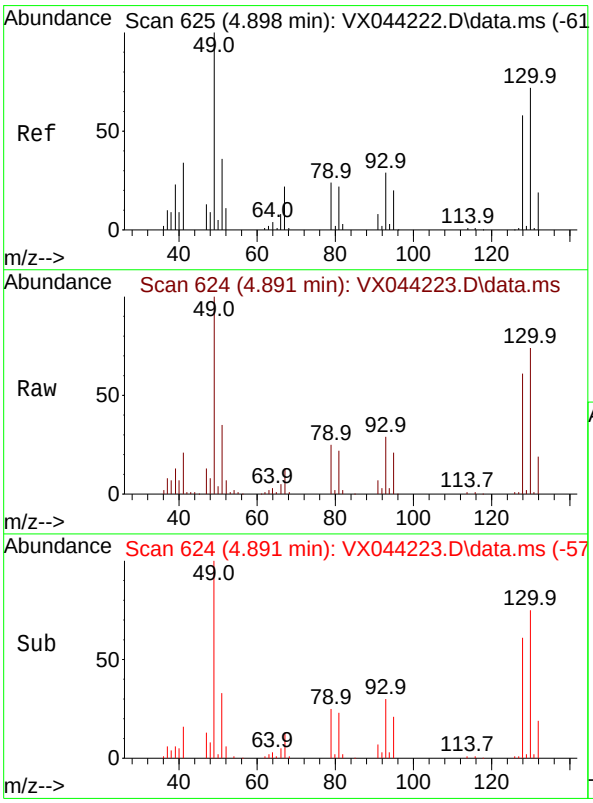
#27
cis-1,2-Dichloroethene
Concen: 96.593 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 190127

Ion	Ratio	Lower	Upper
96	100		
61	148.5	0.0	299.0
98	64.2	0.0	129.0

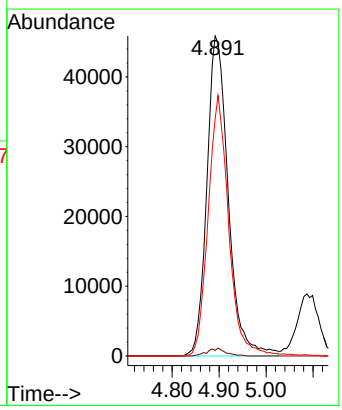


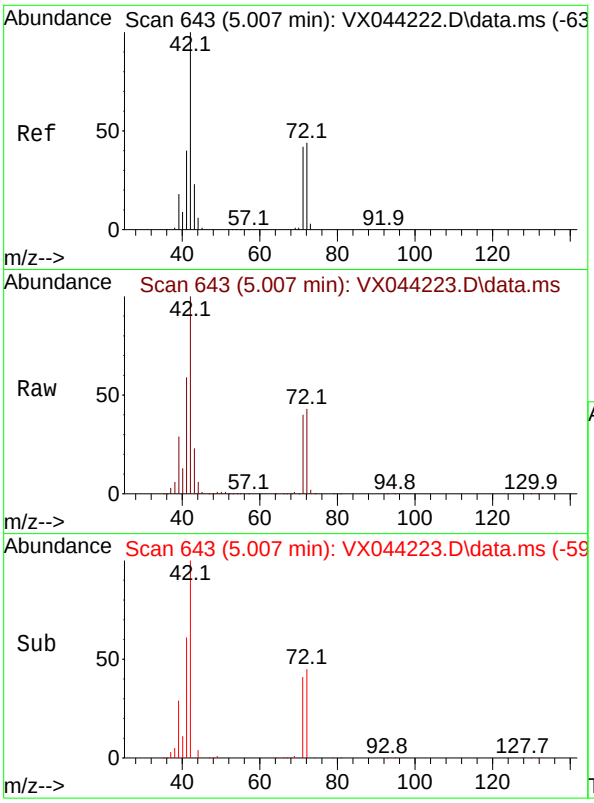


#28
Bromochloromethane
Concen: 96.842 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 49 Resp: 144783

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	78.2	62.1	93.1



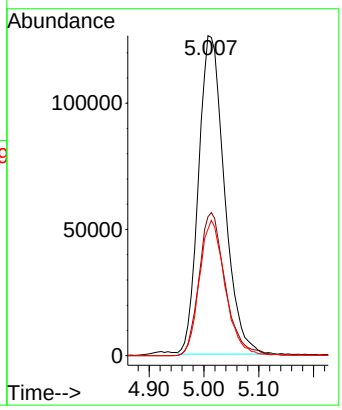


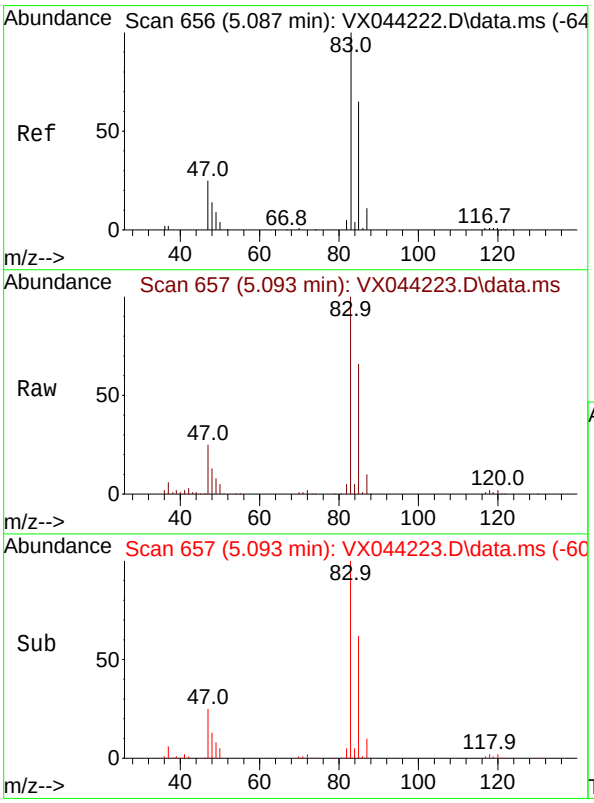
#29
Tetrahydrofuran
Concen: 486.290 ug/l
RT: 5.007 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 42 Resp: 412666

Ion	Ratio	Lower	Upper
42	100		
72	45.6	37.0	55.6
71	42.1	33.6	50.4

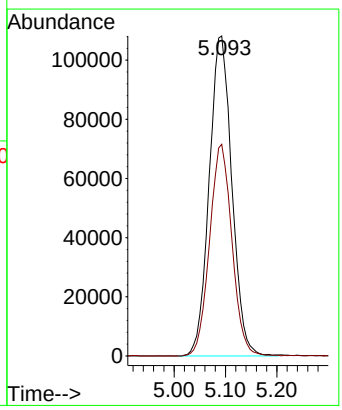


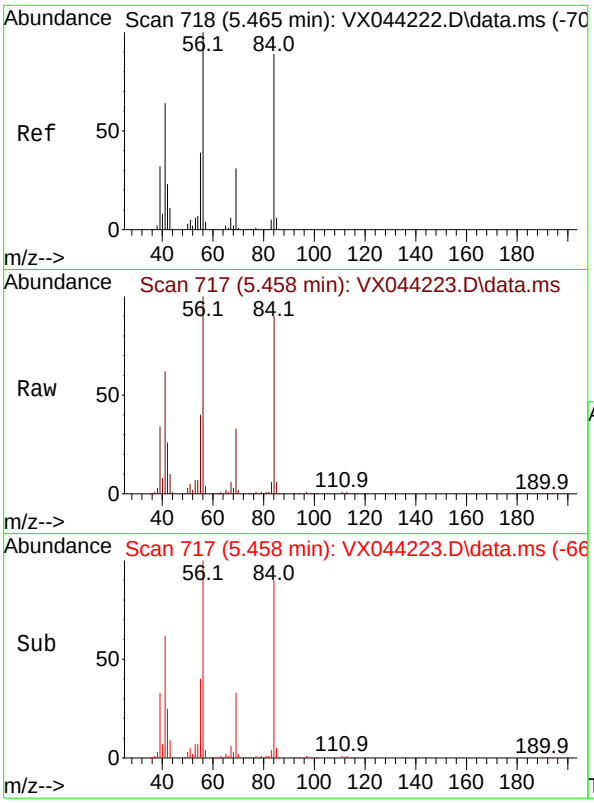


#30
Chloroform
Concen: 96.642 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 83 Resp: 331047

Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.6	77.4



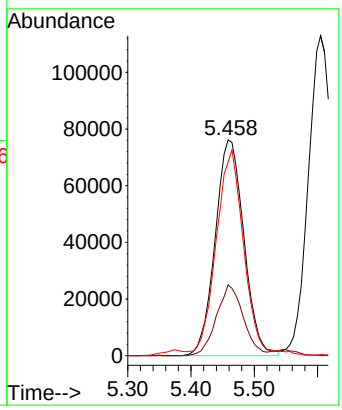


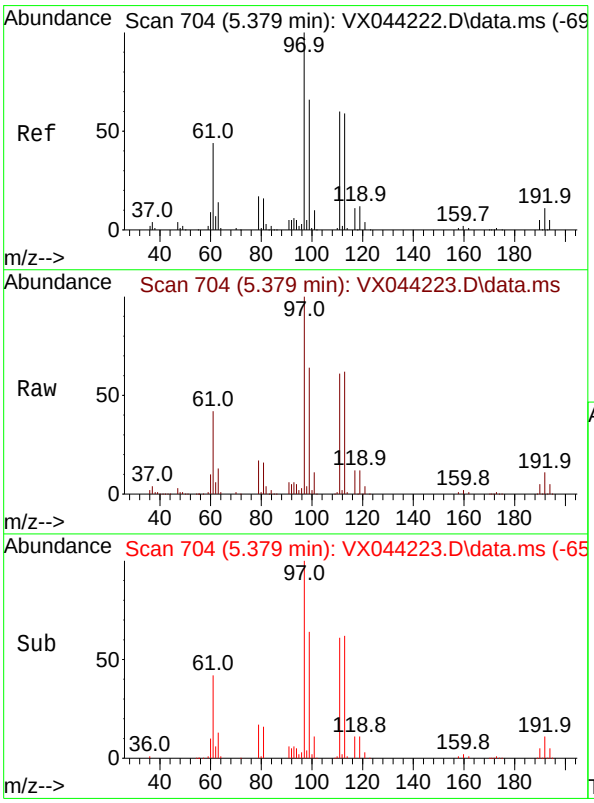
#31
Cyclohexane
Concen: 97.433 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 239879

Ion	Ratio	Lower	Upper
56	100		
69	32.8	24.7	37.1
84	87.3	71.0	106.6

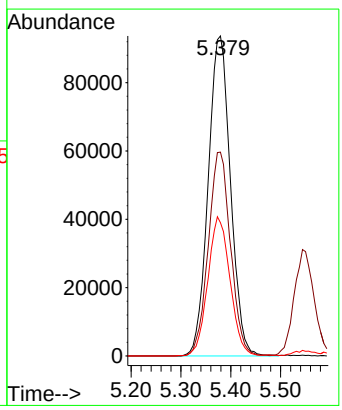


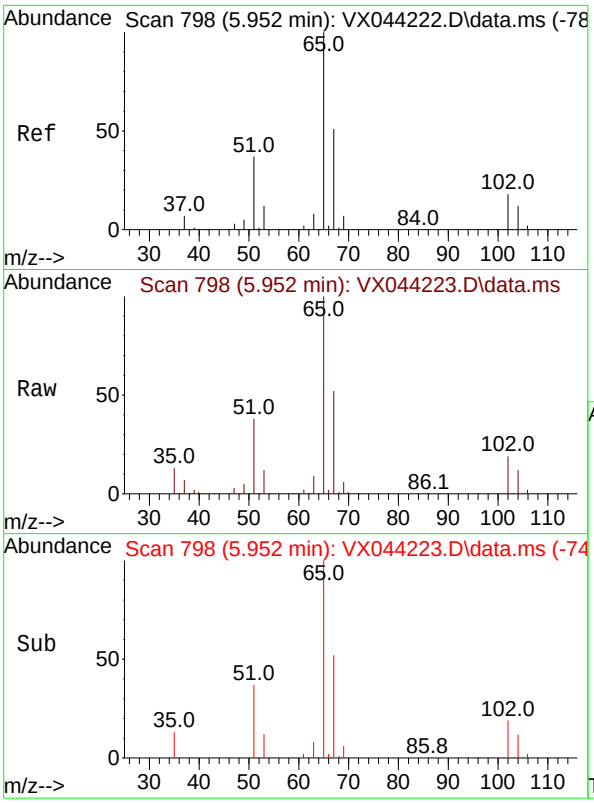


#32
1,1,1-Trichloroethane
Concen: 102.363 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 97 Resp: 291065

Ion	Ratio	Lower	Upper
97	100		
99	63.7	50.8	76.2
61	43.3	35.2	52.8



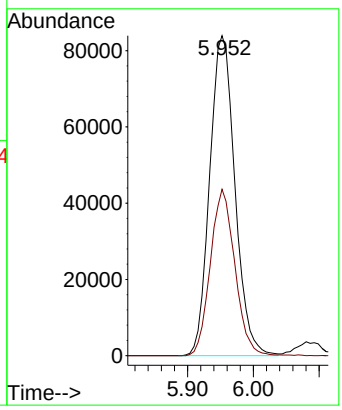


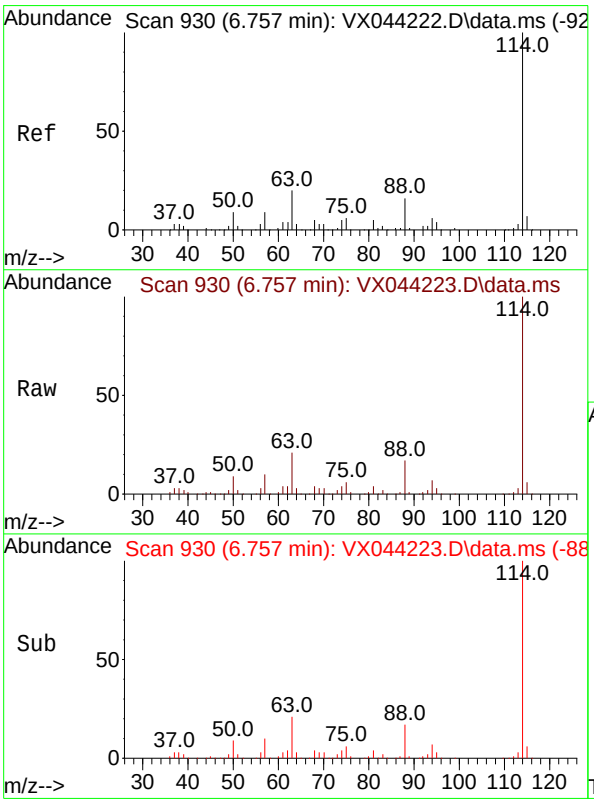
#33
1,2-Dichloroethane-d4
Concen: 98.326 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 65 Resp: 224292

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	101.6

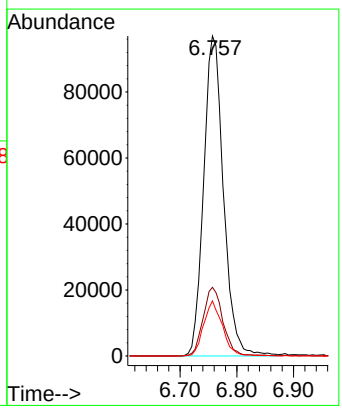


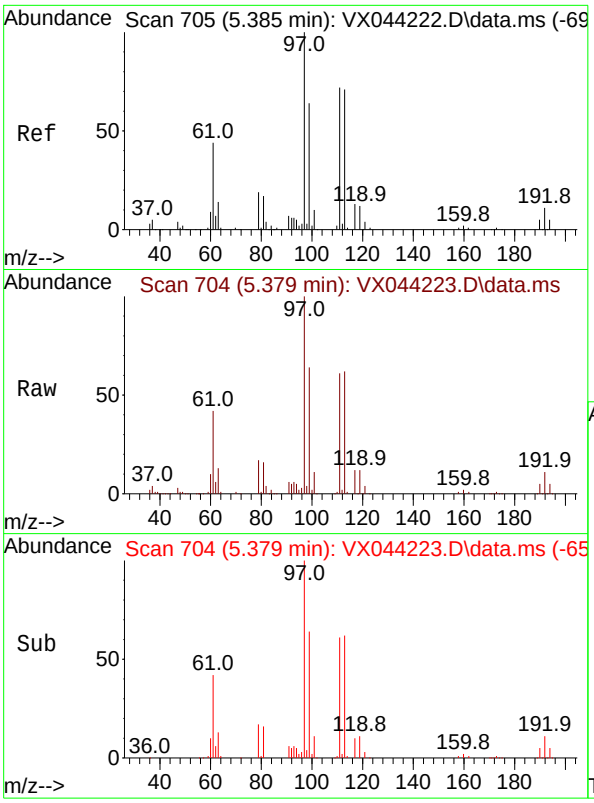


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:114 Resp: 235738

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	40.6
88	17.2	0.0	31.8



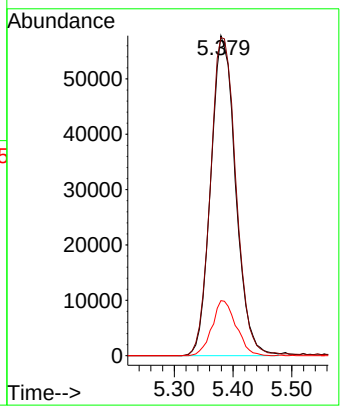


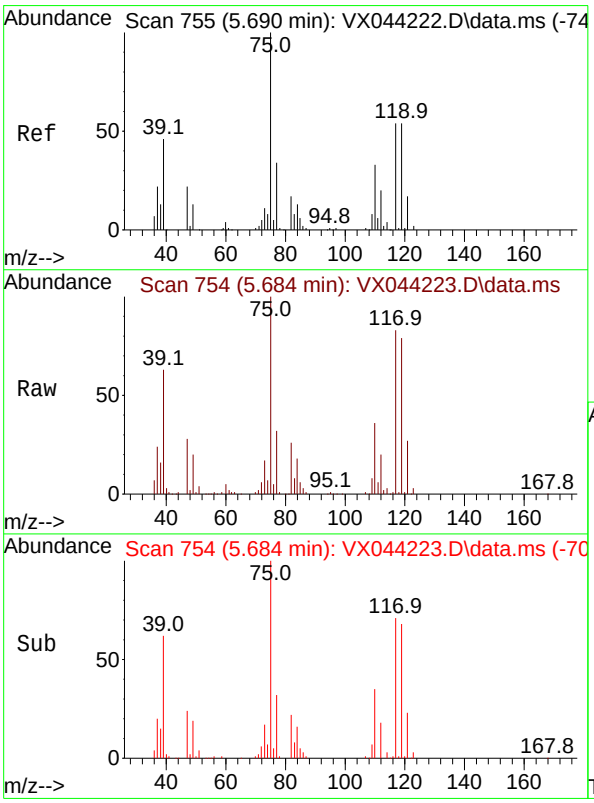
#35
Dibromofluoromethane
Concen: 103.866 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:113 Resp: 169582

Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.4	120.6
192	16.7	13.3	19.9

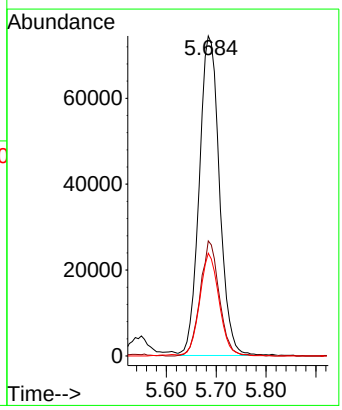


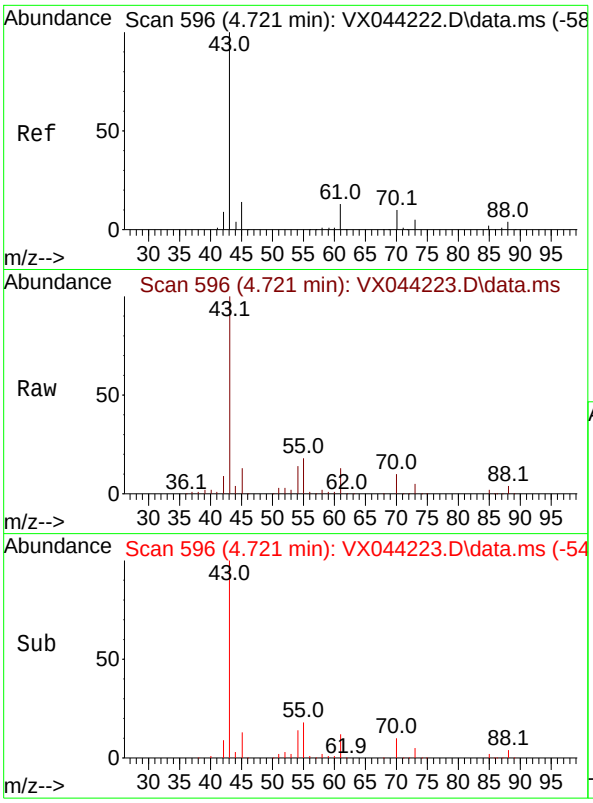


#36
1,1-Dichloropropene
Concen: 99.376 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 75 Resp: 209732

Ion	Ratio	Lower	Upper
75	100		
110	33.9	17.3	51.7
77	30.6	25.4	38.0



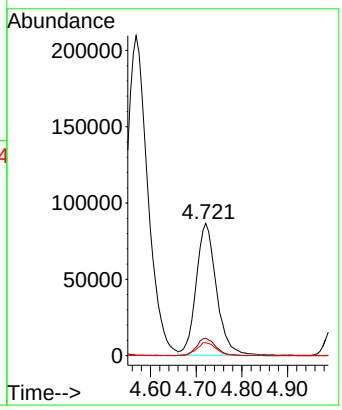


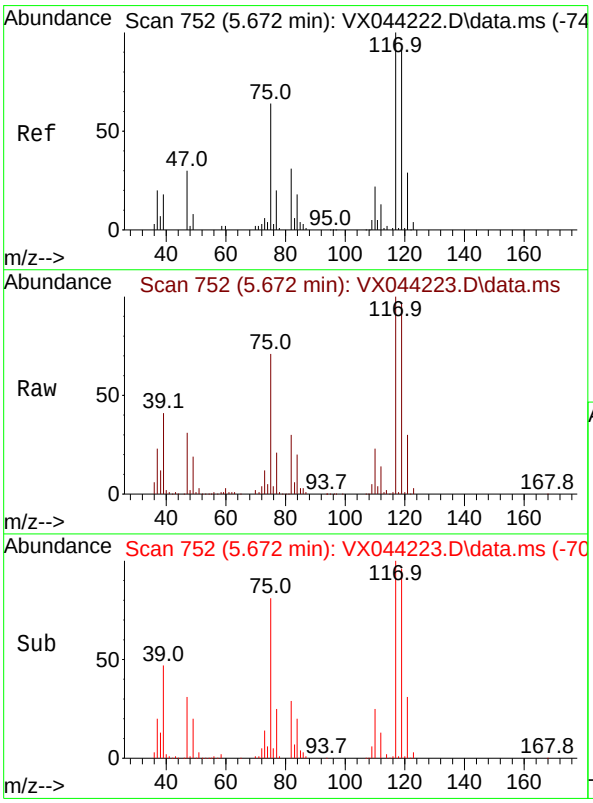
#37
Ethyl Acetate
Concen: 102.079 ug/l
RT: 4.721 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 266307

Ion	Ratio	Lower	Upper
43	100		
61	12.5	9.8	14.8
70	9.5	7.7	11.5

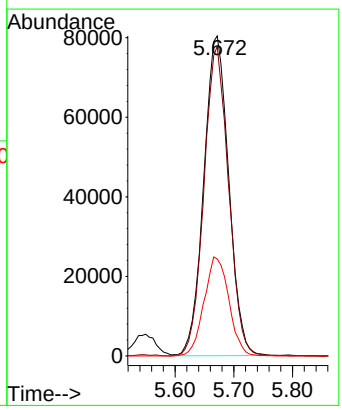


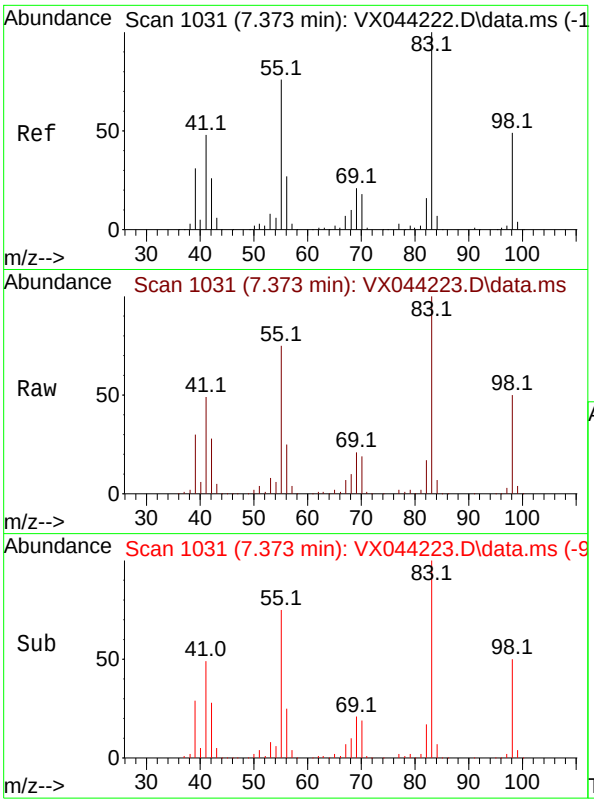


#38
Carbon Tetrachloride
Concen: 104.249 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:117 Resp: 236869

Ion	Ratio	Lower	Upper
117	100		
119	96.7	74.2	111.4
121	30.4	23.0	34.6



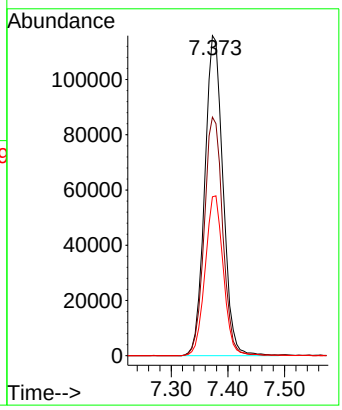


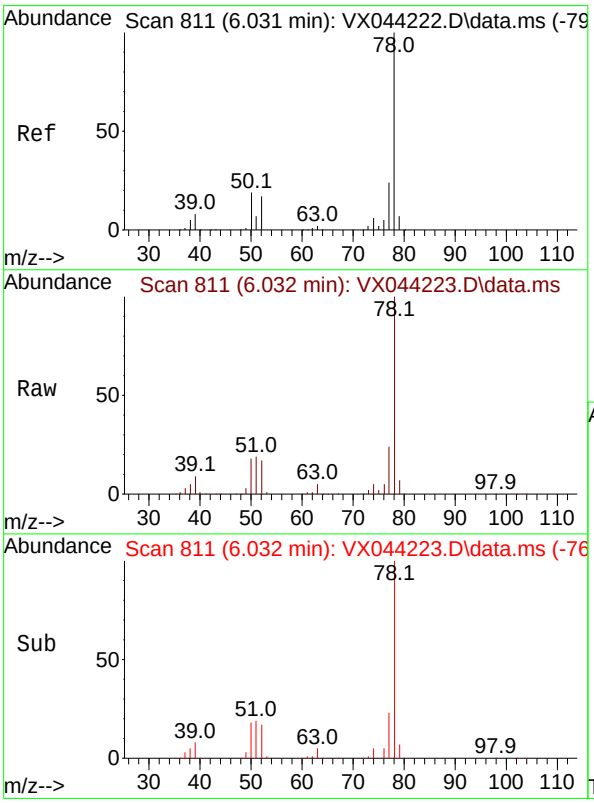
#39
Methylcyclohexane
Concen: 102.800 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 259368

Ion	Ratio	Lower	Upper
83	100		
55	74.5	60.7	91.1
98	49.6	38.9	58.3

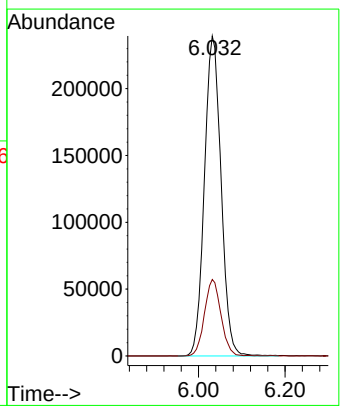


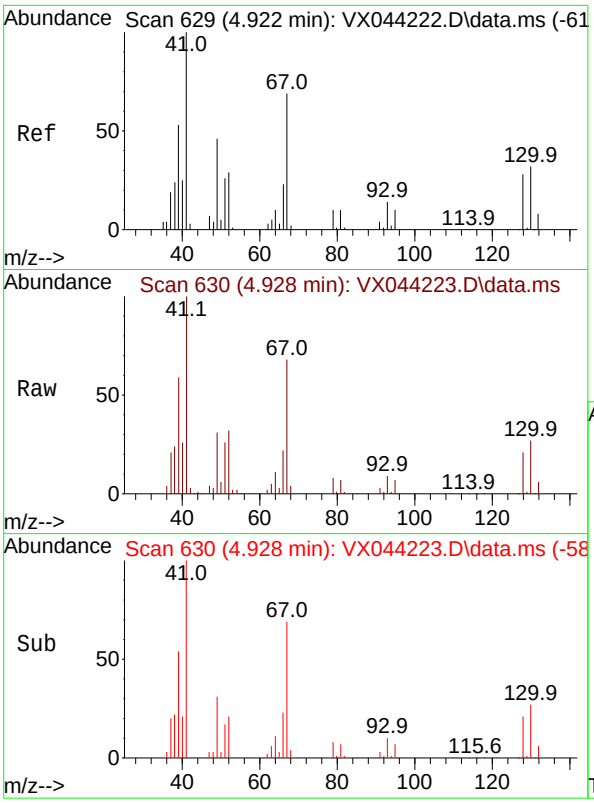


#40
Benzene
Concen: 99.575 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 78 Resp: 638055

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9



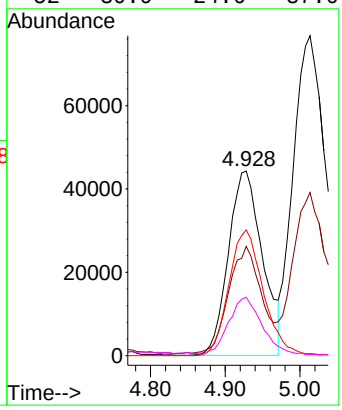


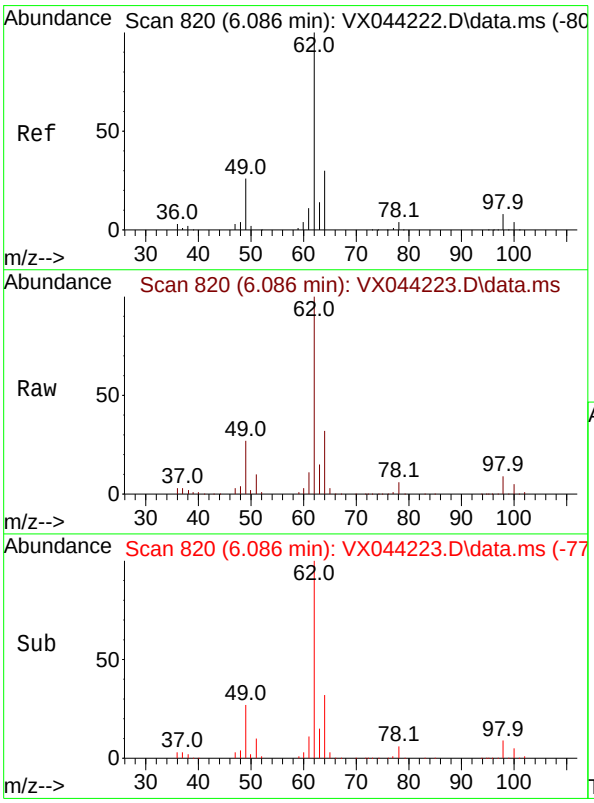
#41
Methacrylonitrile
Concen: 101.332 ug/l
RT: 4.928 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 140375

Ion	Ratio	Lower	Upper
41	100		
39	55.0	44.2	66.4
67	69.1	57.2	85.8
52	30.9	24.6	37.0

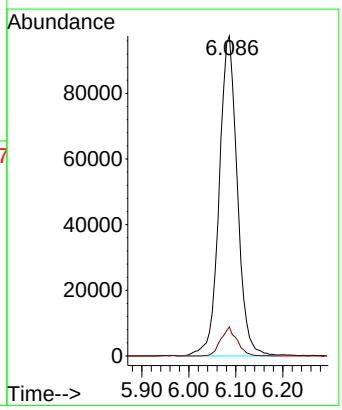


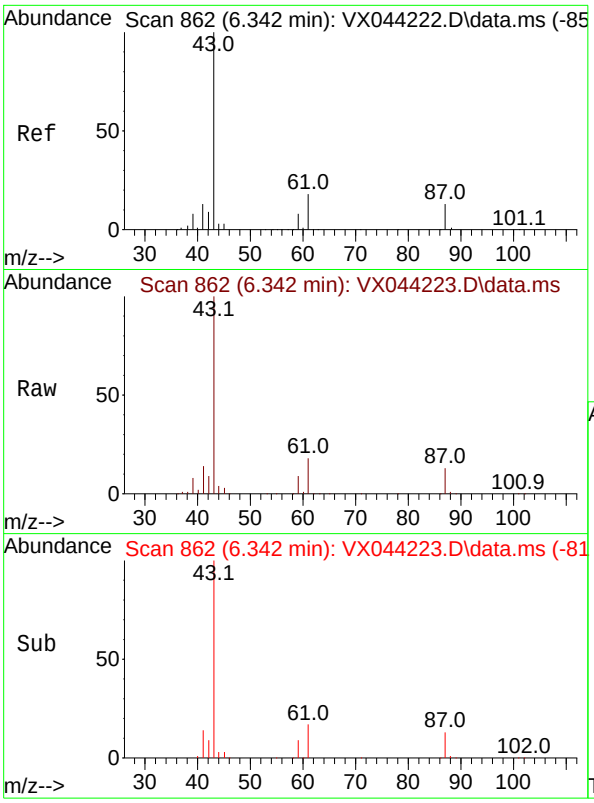


#42
1,2-Dichloroethane
Concen: 99.255 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 62 Resp: 261991

Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	15.8



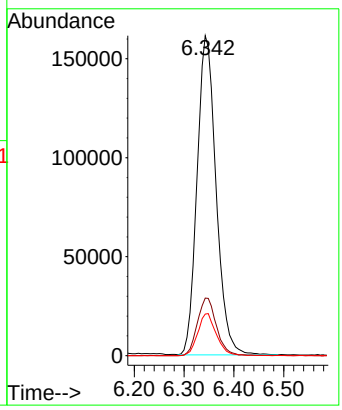


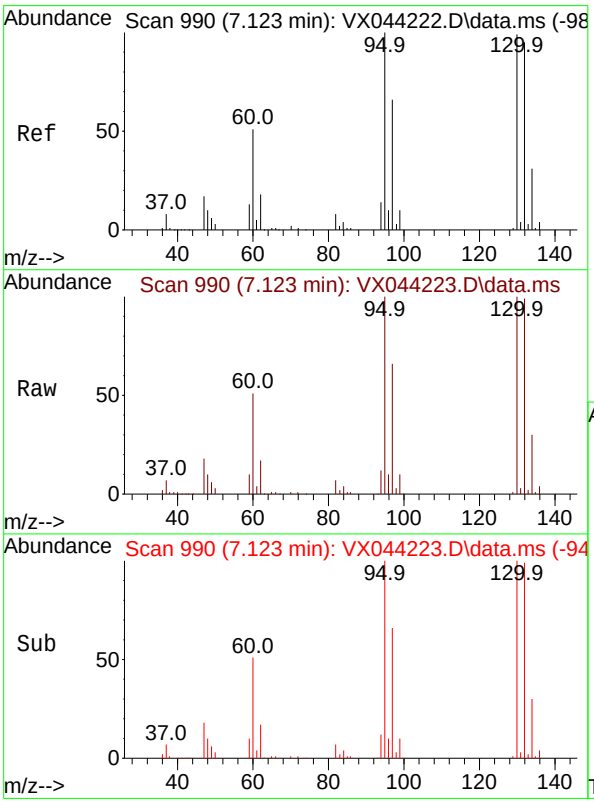
#43
Isopropyl Acetate
Concen: 104.939 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 427893

Ion	Ratio	Lower	Upper
43	100		
61	18.2	14.2	21.2
87	12.8	10.2	15.2

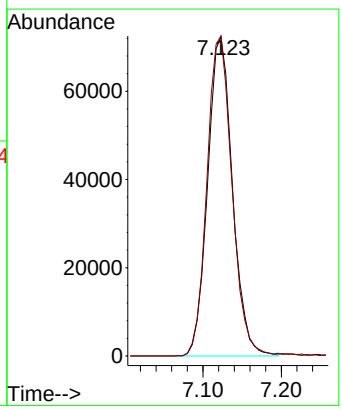


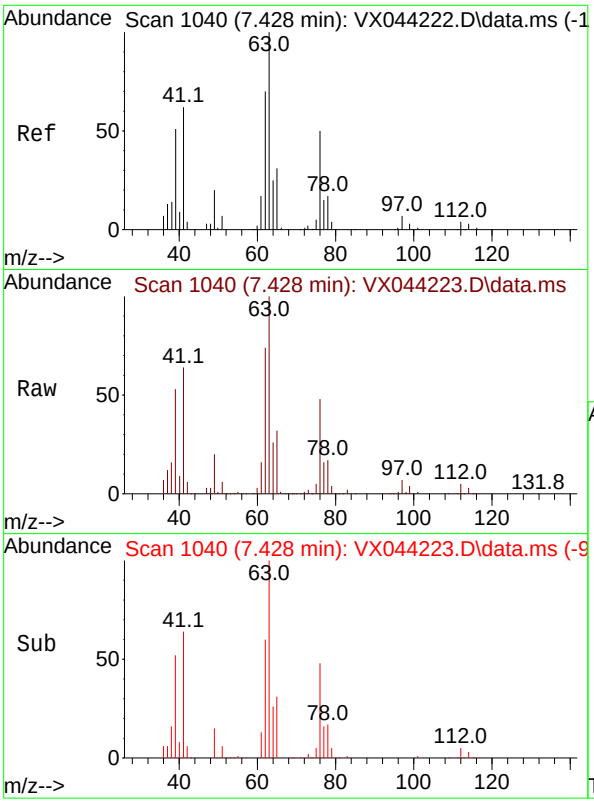


#44
Trichloroethene
Concen: 99.497 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:130 Resp: 158990

Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	201.4



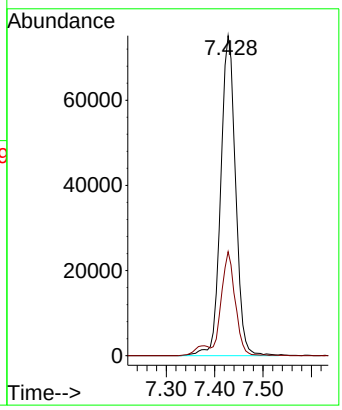


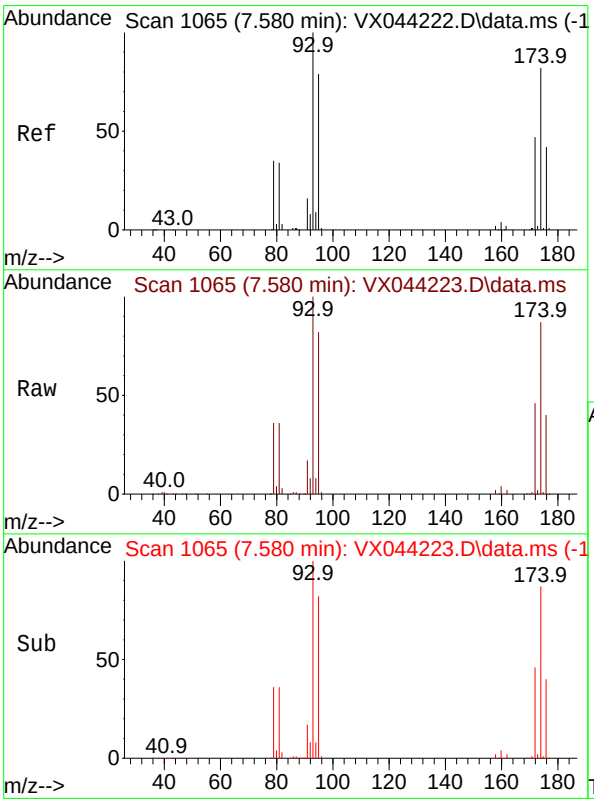
#45
1,2-Dichloropropane
Concen: 98.293 ug/l
RT: 7.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 160913

Ion	Ratio	Lower	Upper
63	100		
65	32.5	24.6	37.0

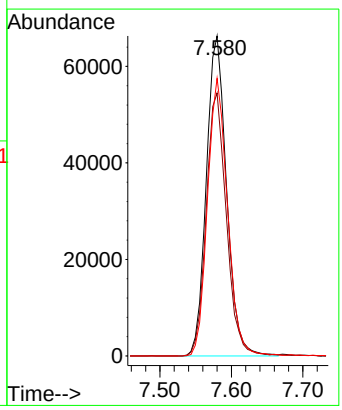


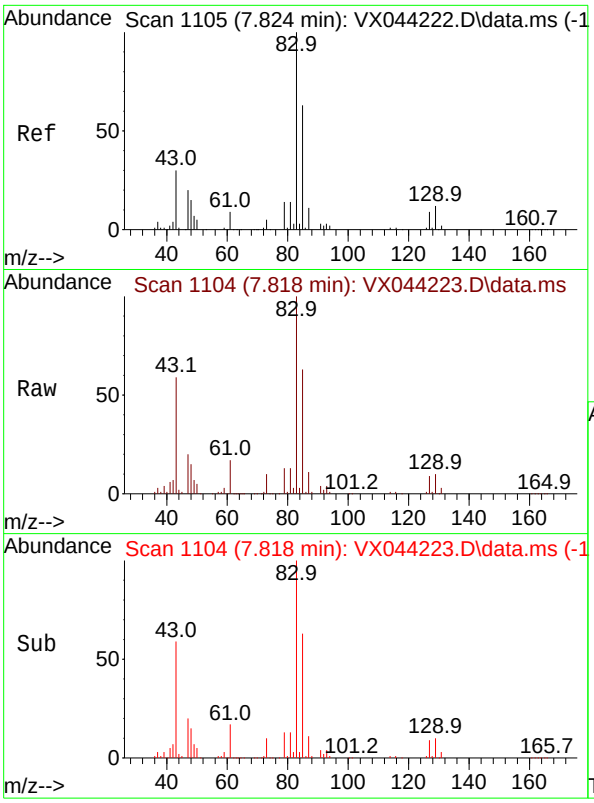


#46
Dibromomethane
Concen: 102.607 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 93 Resp: 130316

Ion	Ratio	Lower	Upper
93	100		
95	82.2	65.4	98.2
174	86.1	67.9	101.9



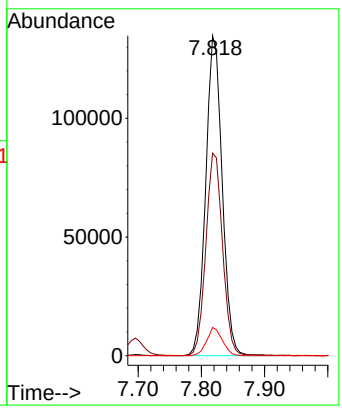


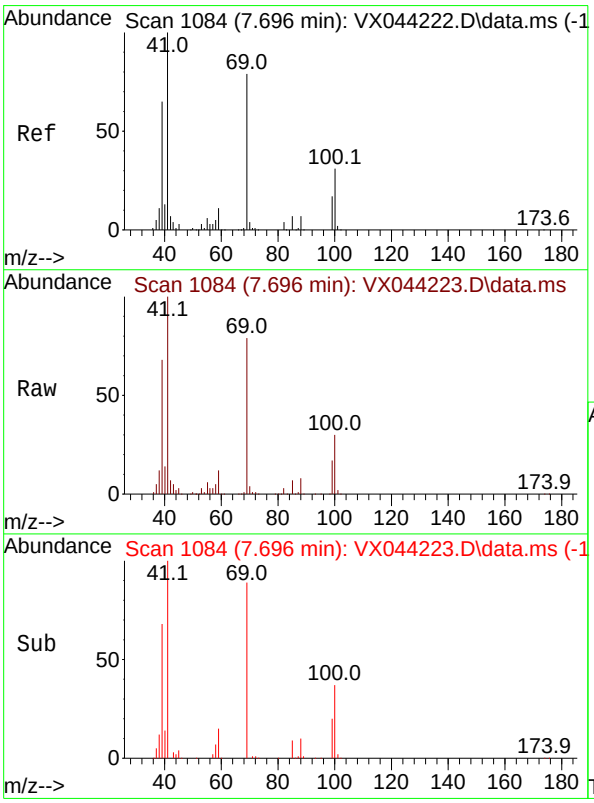
#47
Bromodichloromethane
Concen: 111.423 ug/l
RT: 7.818 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 244401

Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.6	75.8
127	8.8	7.3	10.9

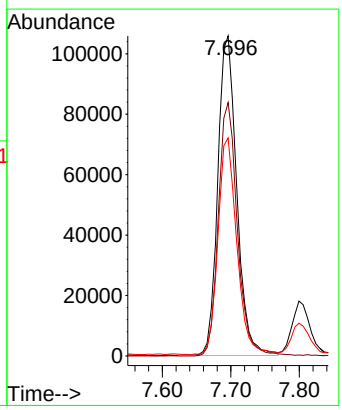


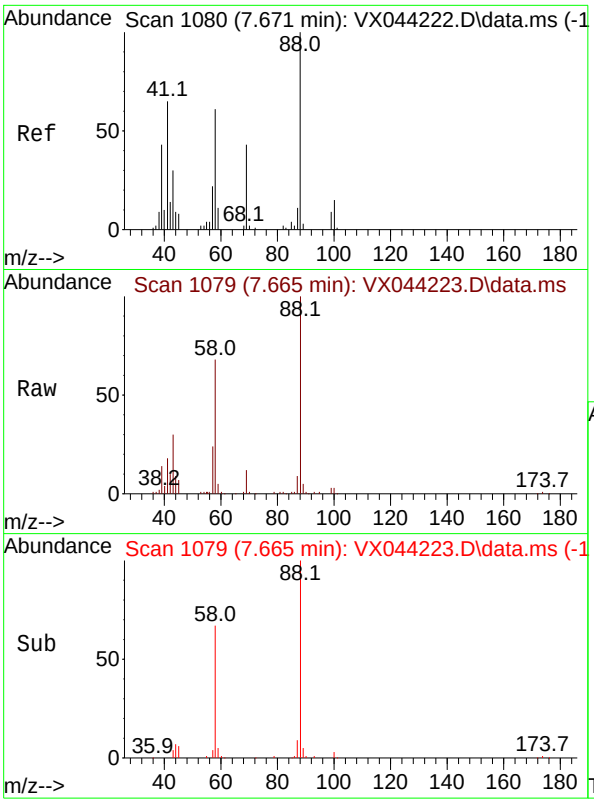


#48
Methyl methacrylate
Concen: 102.618 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 41 Resp: 203116

Ion	Ratio	Lower	Upper
41	100		
69	79.5	62.4	93.6
39	67.4	53.3	79.9



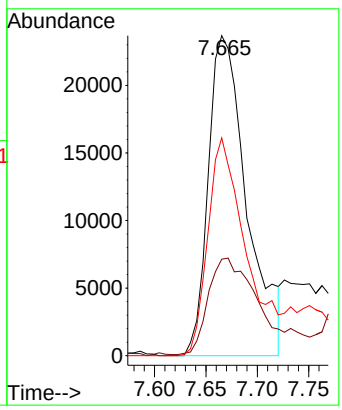


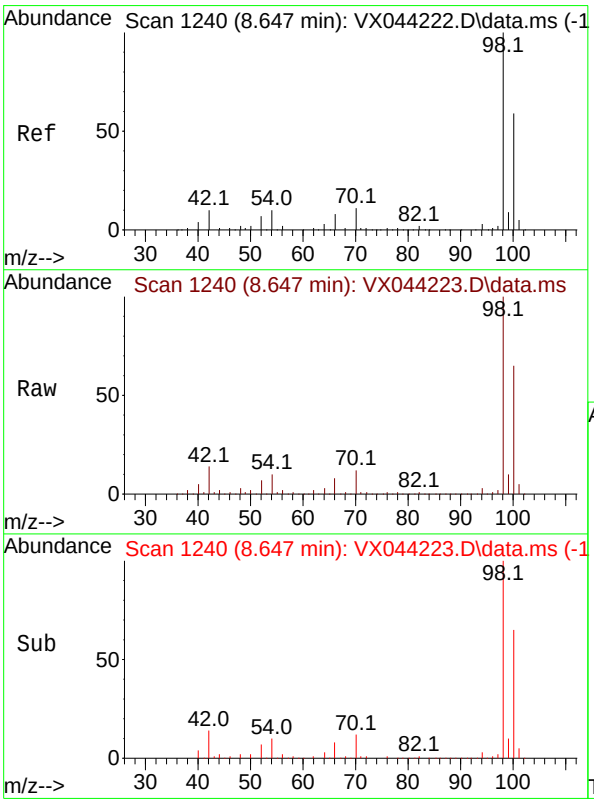
#49
1,4-Dioxane
Concen: 1830.521 ug/l
RT: 7.665 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 88 Resp: 61921

Ion	Ratio	Lower	Upper
88	100		
43	41.4	27.1	40.7#
58	68.6	41.0	61.4#

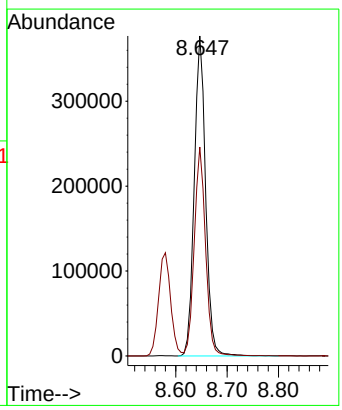


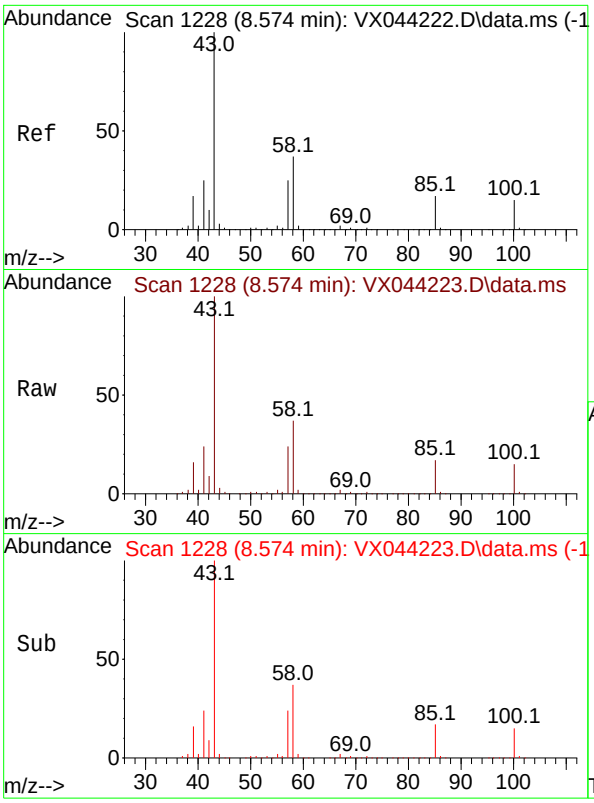


#50
Toluene-d8
Concen: 105.201 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 98 Resp: 579477

Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.5	77.3



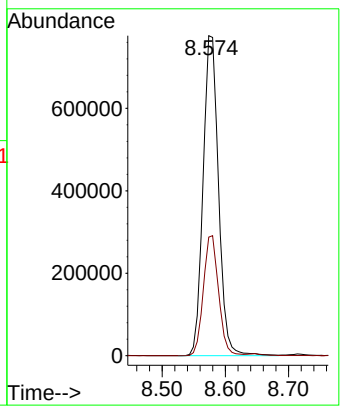


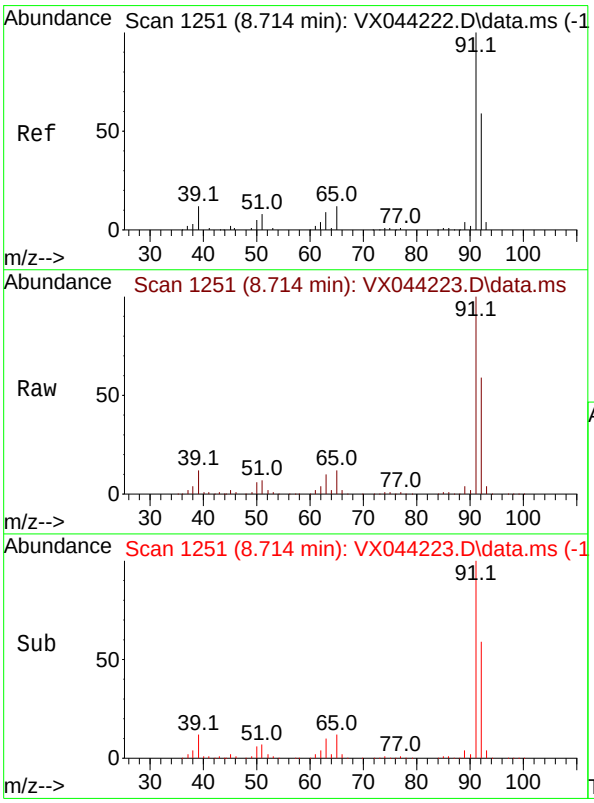
#51
4-Methyl-2-Pentanone
Concen: 504.496 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1322678

Ion	Ratio	Lower	Upper
43	100		
58	37.0	29.4	44.0

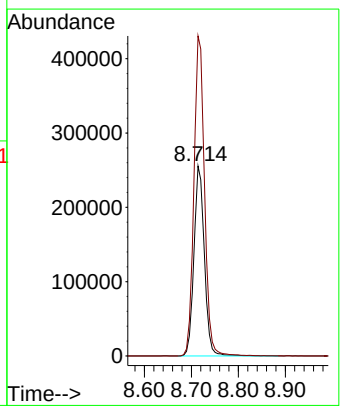


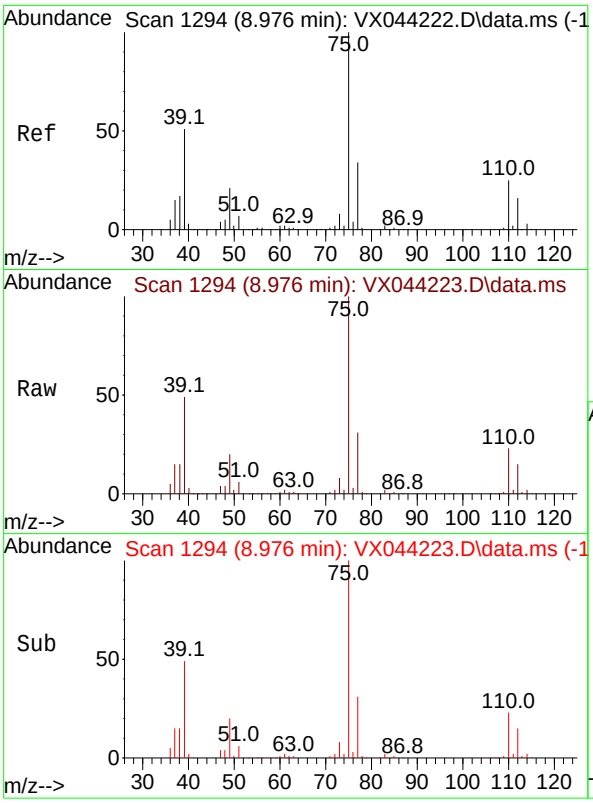


#52
Toluene
Concen: 98.506 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 92 Resp: 396383

Ion	Ratio	Lower	Upper
92	100		
91	171.4	137.0	205.6



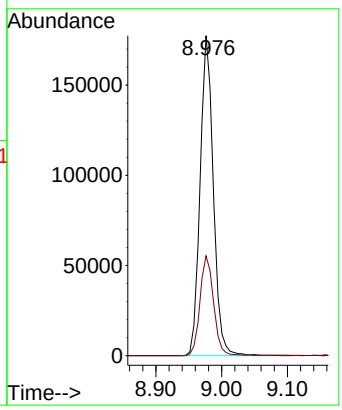


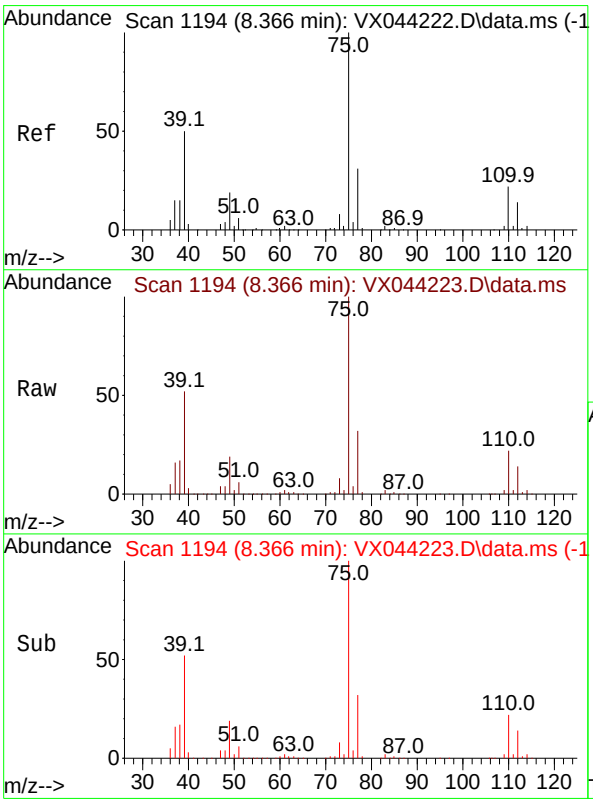
#53
t-1,3-Dichloropropene
Concen: 99.321 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 248092

Ion	Ratio	Lower	Upper
75	100		
77	31.2	27.2	40.8

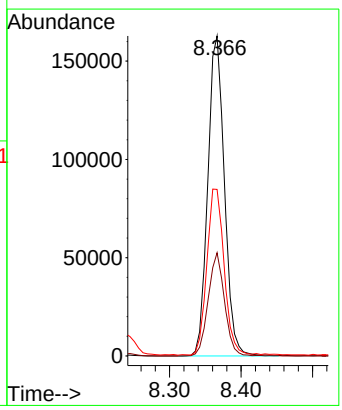


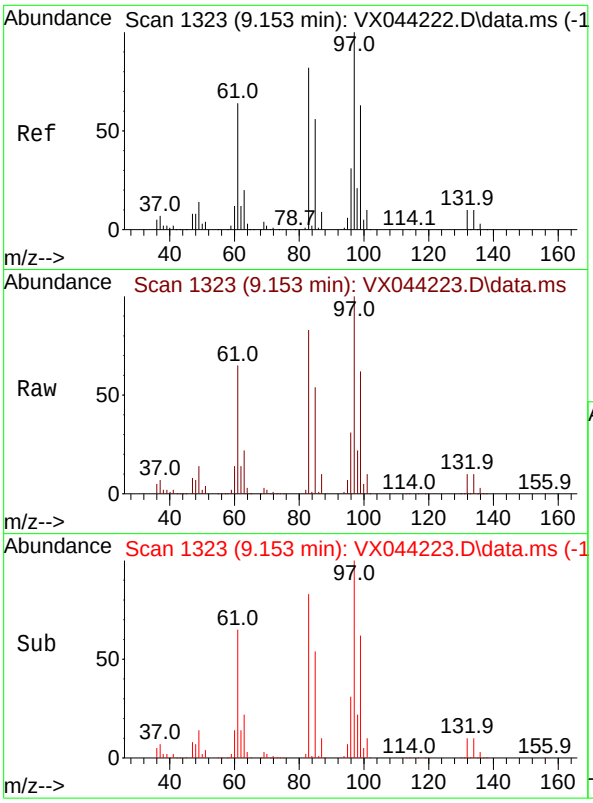


#54
cis-1,3-Dichloropropene
Concen: 110.127 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 75 Resp: 263014

Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.7	37.1
39	51.8	40.3	60.5



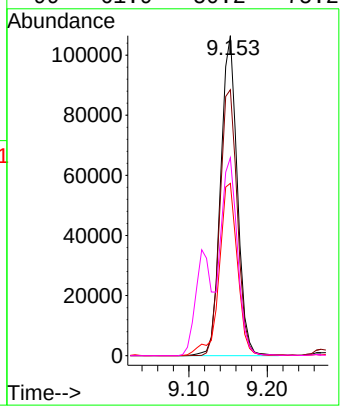


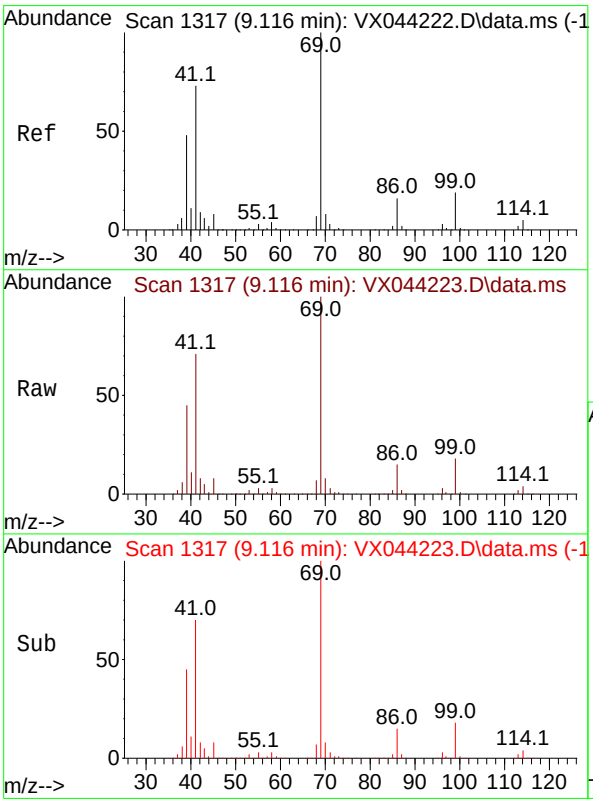
#55
1,1,2-Trichloroethane
Concen: 98.441 ug/l
RT: 9.153 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 97 Resp: 157366

Ion	Ratio	Lower	Upper
97	100		
83	83.1	65.3	97.9
85	53.8	44.6	67.0
99	61.9	50.2	75.2

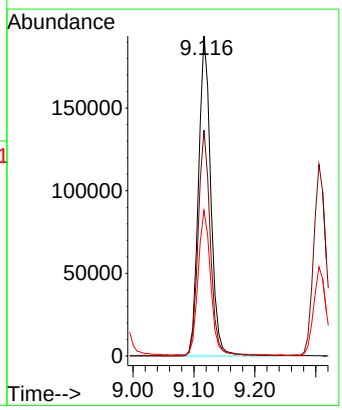


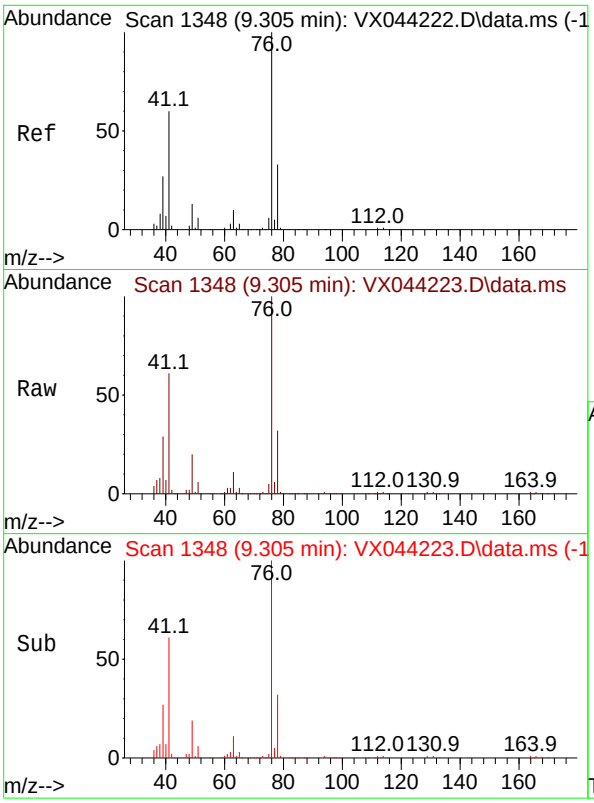


#56
Ethyl methacrylate
Concen: 107.442 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 69 Resp: 271146

Ion	Ratio	Lower	Upper
69	100		
41	69.4	56.6	85.0
39	46.1	37.4	56.0



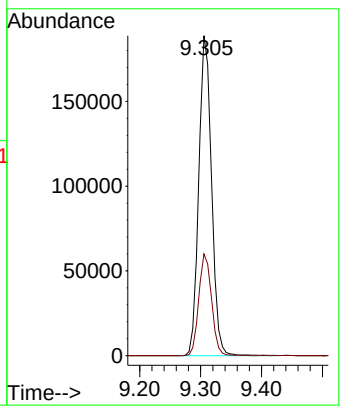


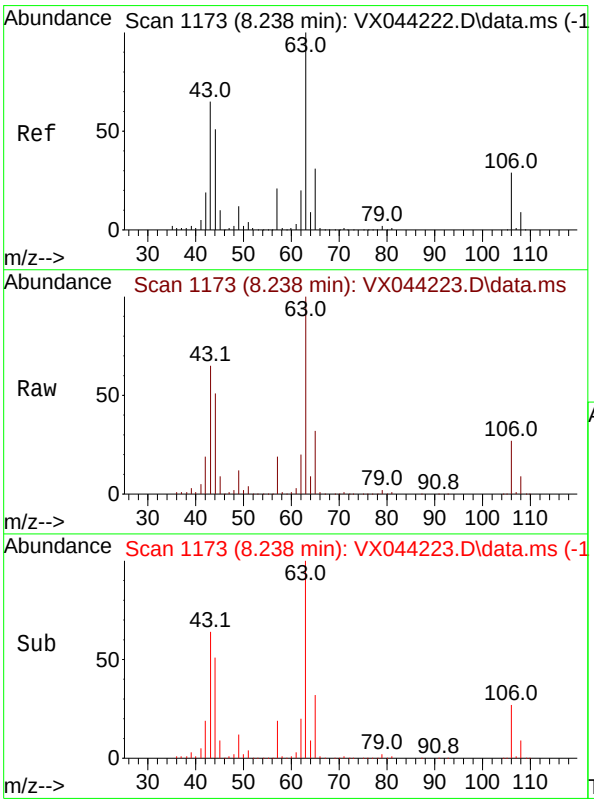
#57
1,3-Dichloropropane
Concen: 98.704 ug/l
RT: 9.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 274642

Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.5	39.7

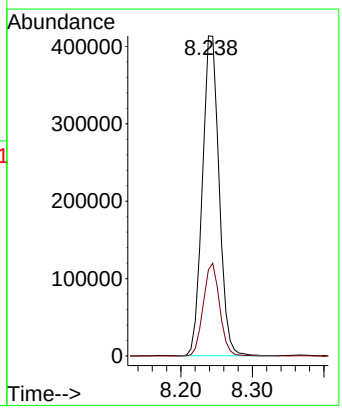


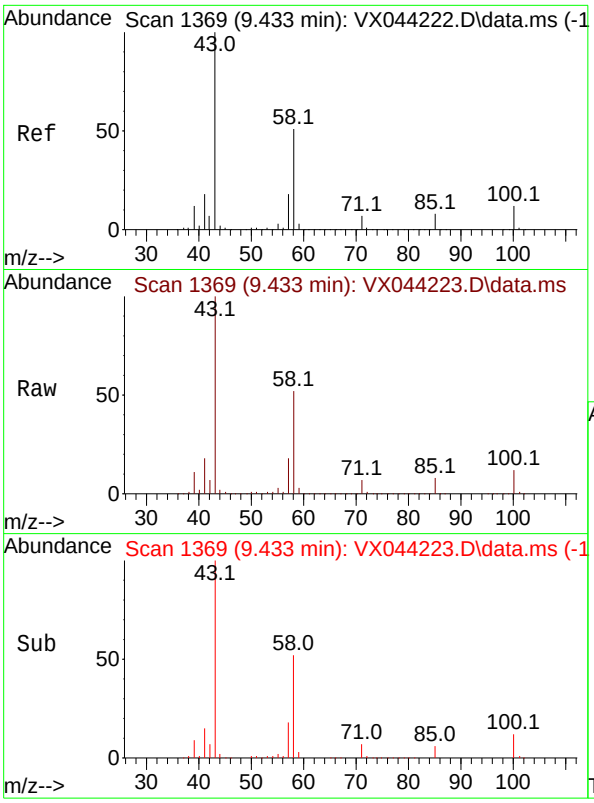


#58
2-Chloroethyl Vinyl ether
Concen: 527.342 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 63 Resp: 671233

Ion	Ratio	Lower	Upper
63	100		
106	28.4	22.8	34.2



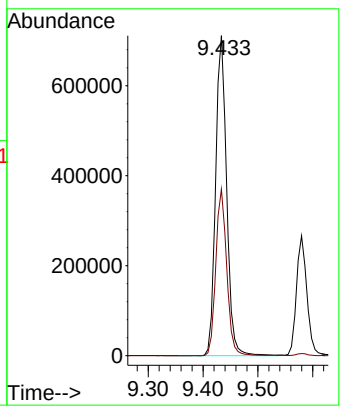


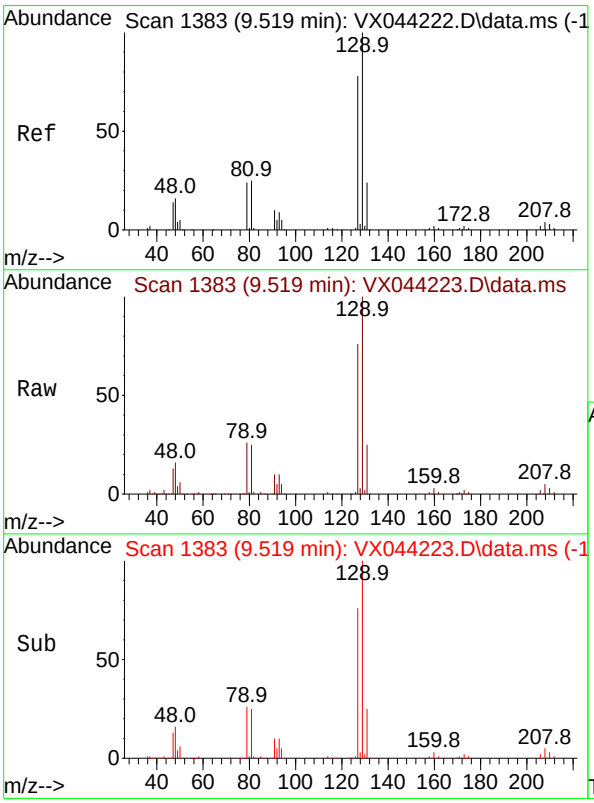
#59
2-Hexanone
Concen: 521.401 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 989466

Ion	Ratio	Lower	Upper
43	100		
58	51.9	25.7	77.0

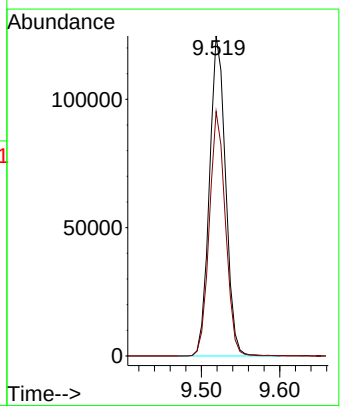


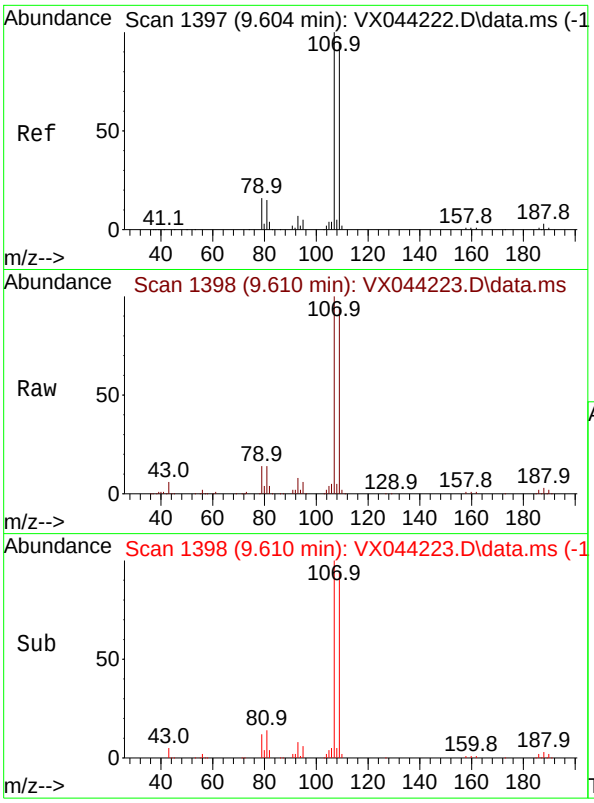


#60
Dibromochloromethane
Concen: 99.480 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:129 Resp: 178135

Ion	Ratio	Lower	Upper
129	100		
127	76.0	38.5	115.3



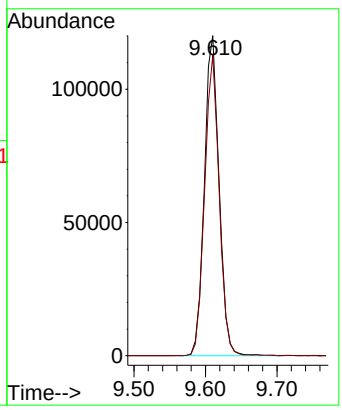


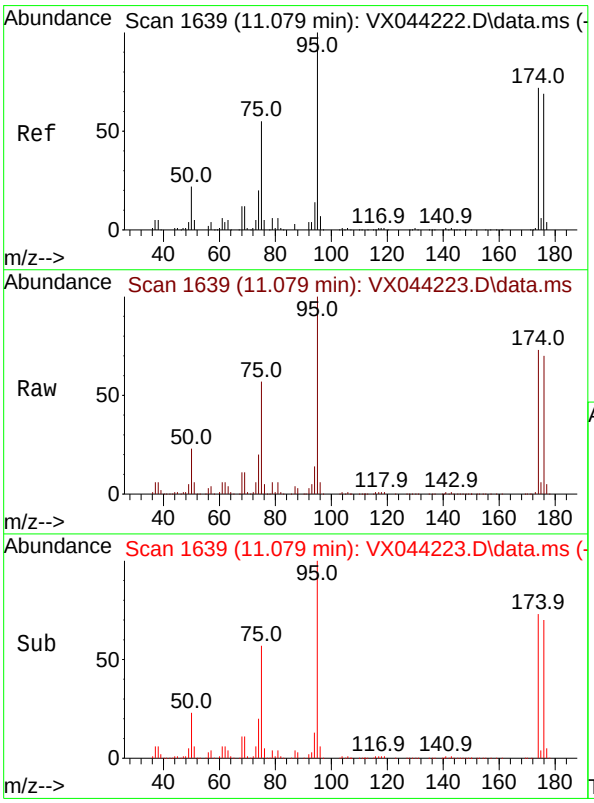
#61
1,2-Dibromoethane
Concen: 105.371 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:107 Resp: 171458

Ion	Ratio	Lower	Upper
107	100		
109	93.1	77.0	115.4

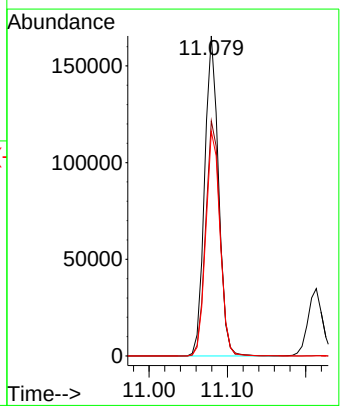


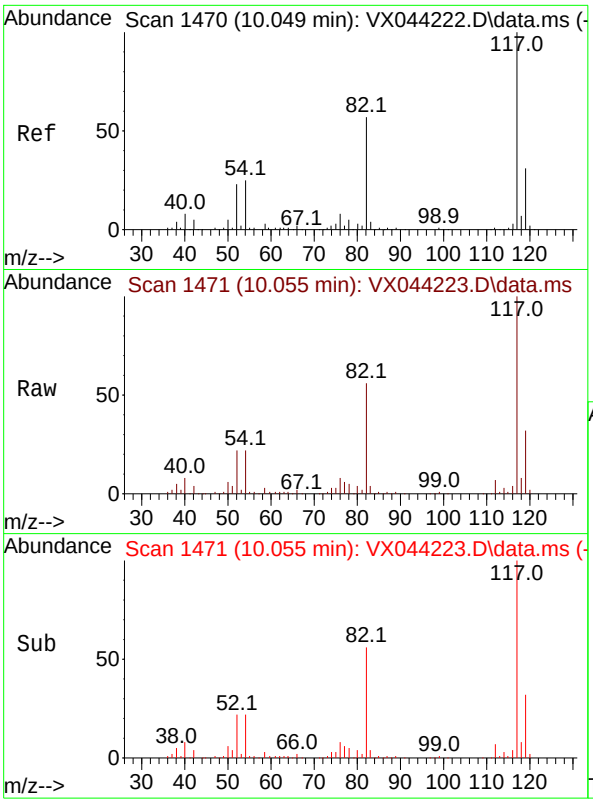


#62
4-Bromofluorobenzene
Concen: 105.830 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 95 Resp: 203694

Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	145.8
176	72.0	0.0	137.8



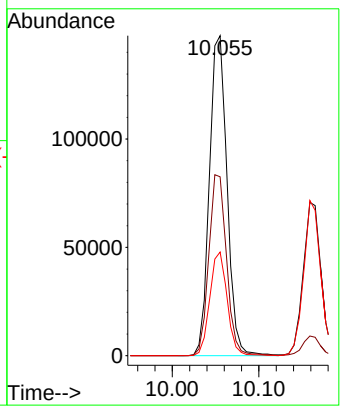


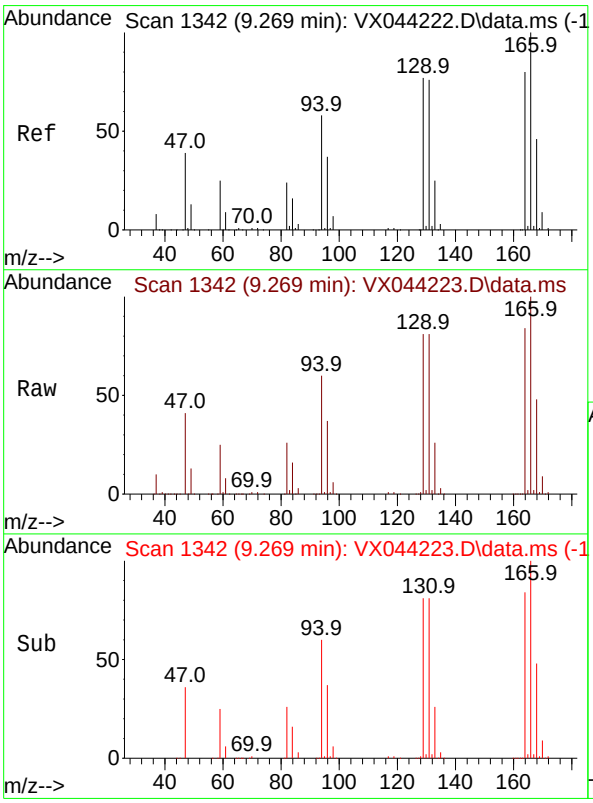
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:117 Resp: 209164

Ion	Ratio	Lower	Upper
117	100		
82	55.9	45.8	68.8
119	32.4	25.0	37.4

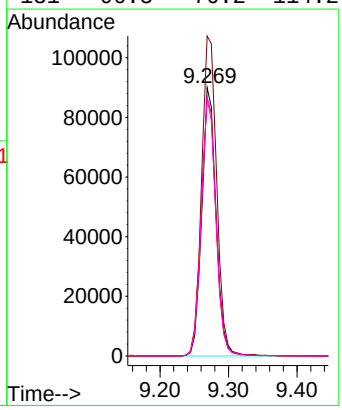


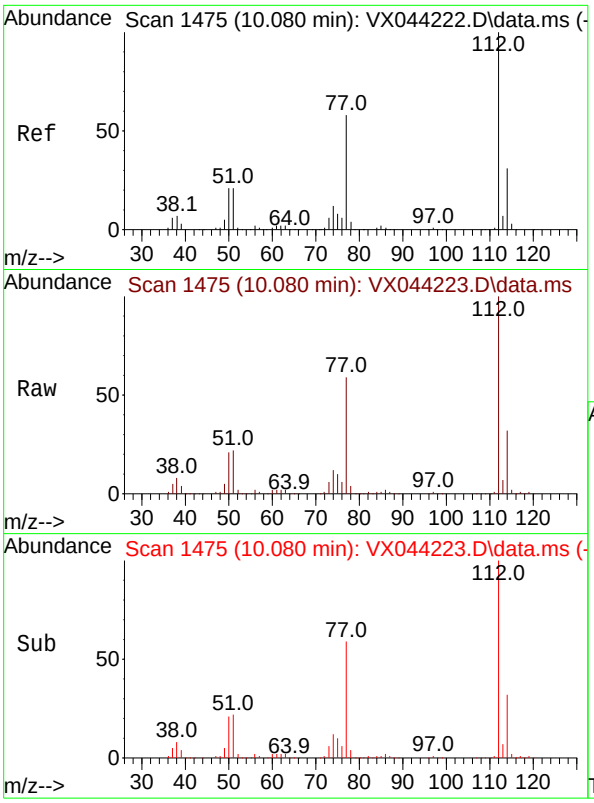


#64
Tetrachloroethene
Concen: 94.131 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:164 Resp: 130678

Ion	Ratio	Lower	Upper
164	100		
166	119.2	100.4	150.6
129	96.1	77.2	115.8
131	96.3	76.2	114.2



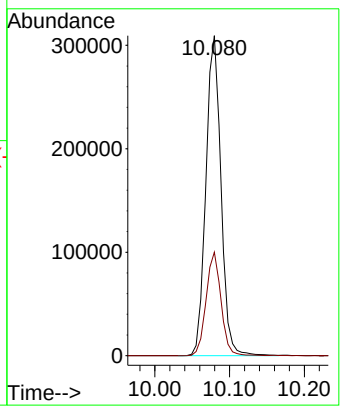


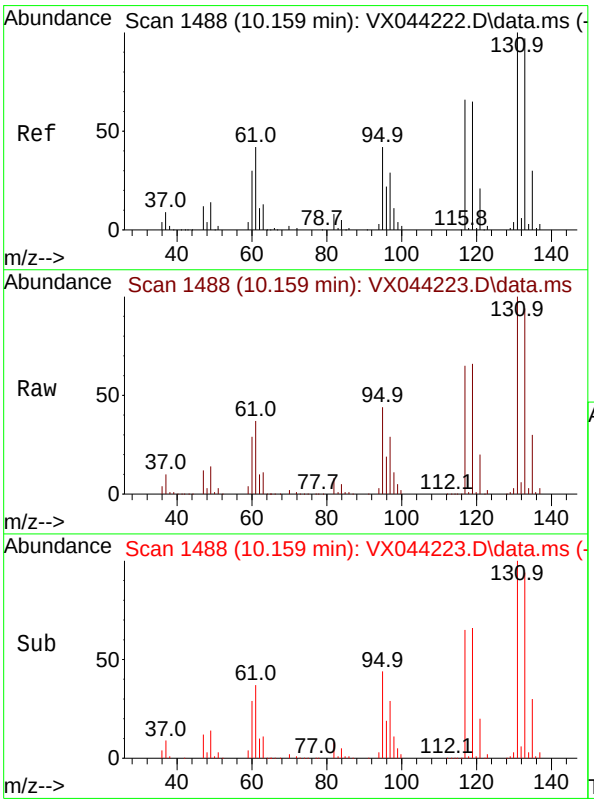
#65
Chlorobenzene
Concen: 96.650 ug/l
RT: 10.080 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 433179

Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.0	37.6

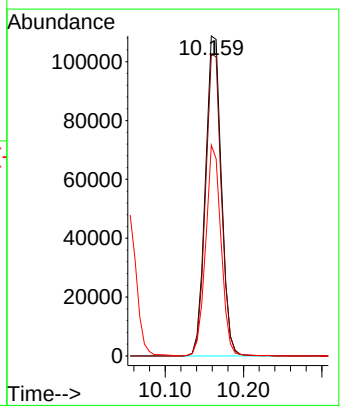


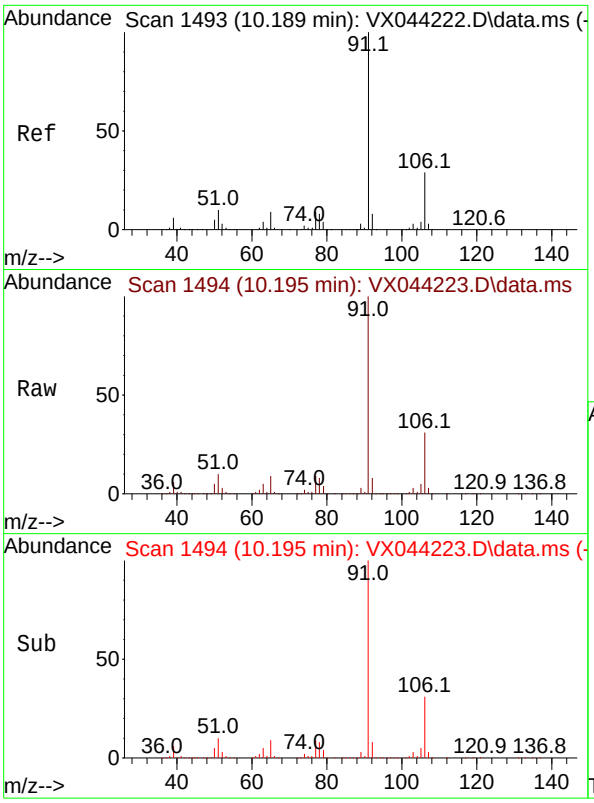


#66
1,1,1,2-Tetrachloroethane
Concen: 106.831 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:131 Resp: 153882

Ion	Ratio	Lower	Upper
131	100		
133	93.6	47.3	141.8
119	63.5	31.6	95.0



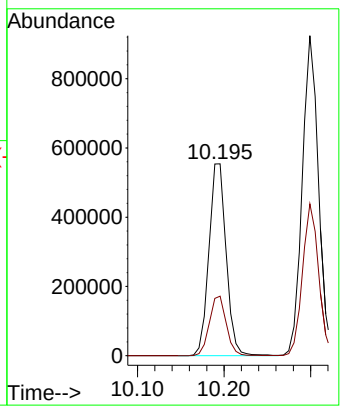


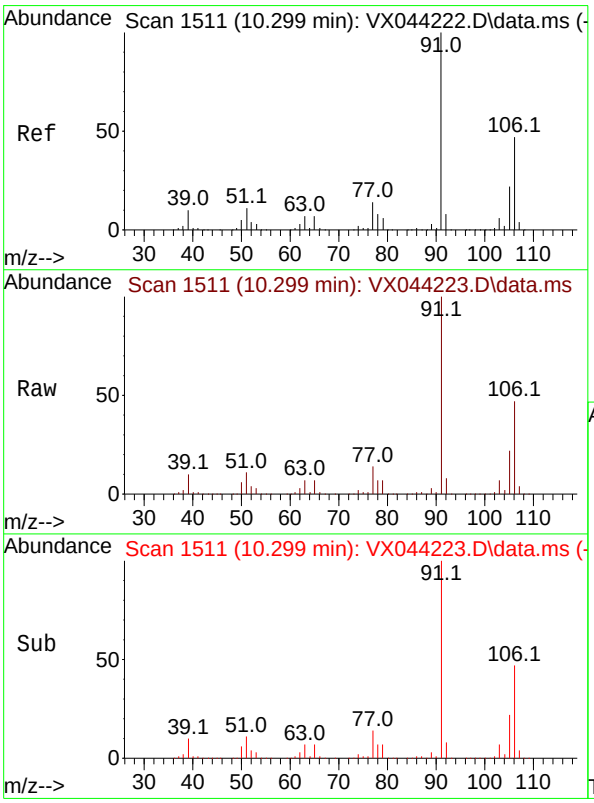
#67
Ethyl Benzene
Concen: 98.906 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 765930

Ion	Ratio	Lower	Upper
91	100		
106	31.0	23.5	35.3

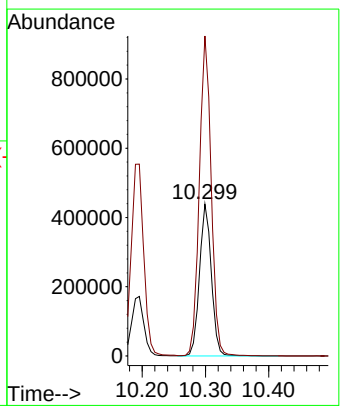


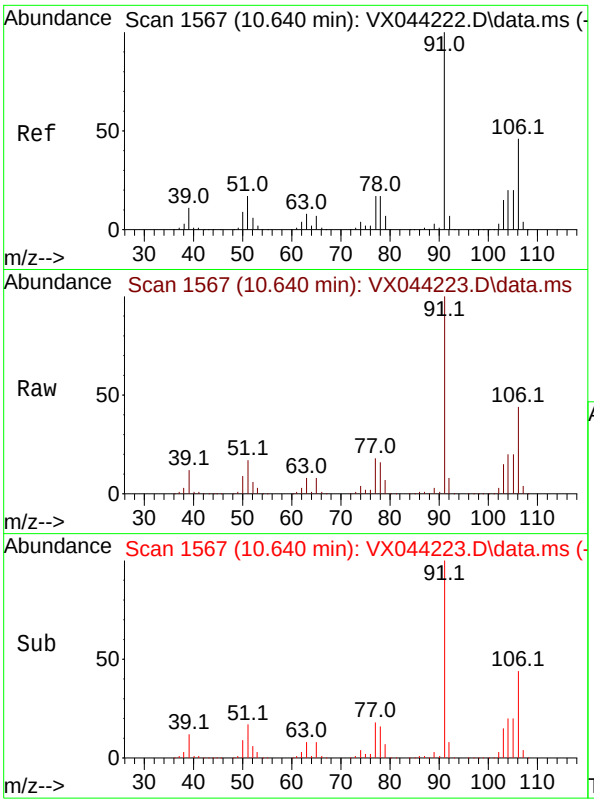


#68
m/p-Xylenes
Concen: 201.171 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:106 Resp: 571648

Ion	Ratio	Lower	Upper
106	100		
91	211.0	170.2	255.2



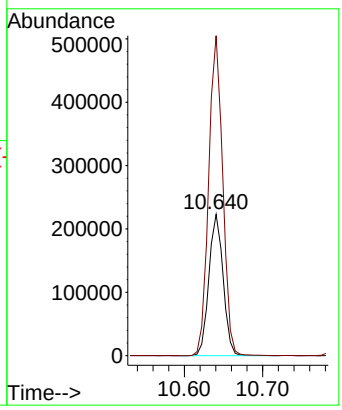


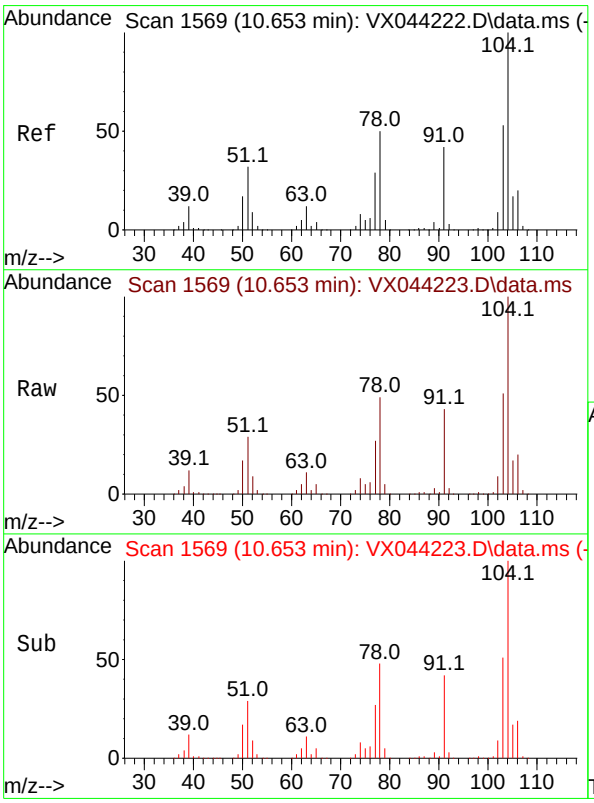
#69
o-Xylene
Concen: 97.597 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 280603

Ion	Ratio	Lower	Upper
106	100		
91	223.9	112.3	337.0

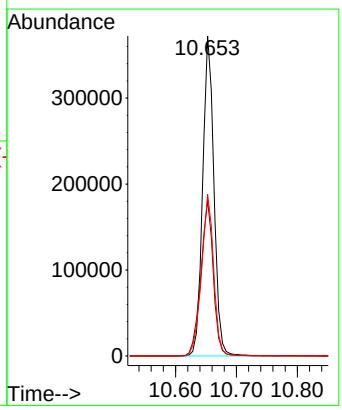


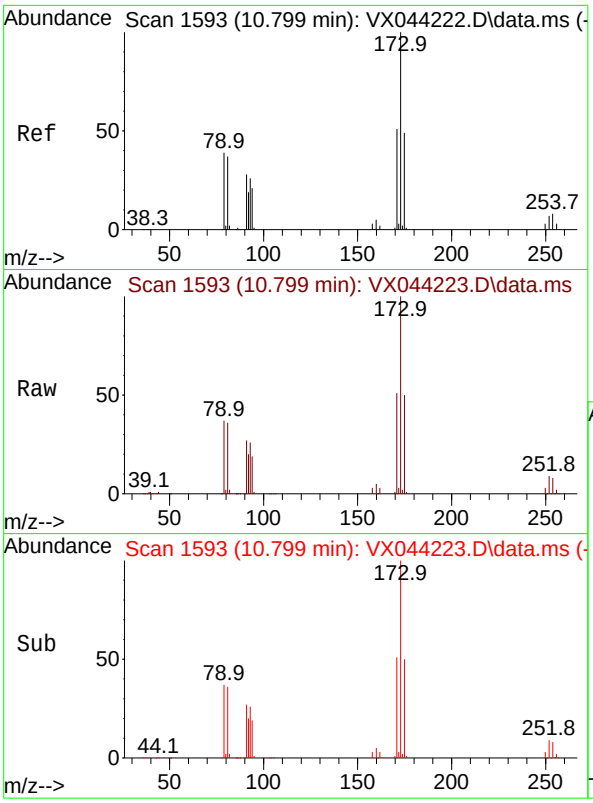


#70
Styrene
Concen: 104.159 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:104 Resp: 480077

Ion	Ratio	Lower	Upper
104	100		
78	53.5	44.6	67.0
103	54.5	45.4	68.0



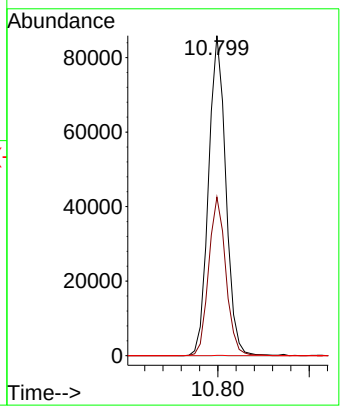


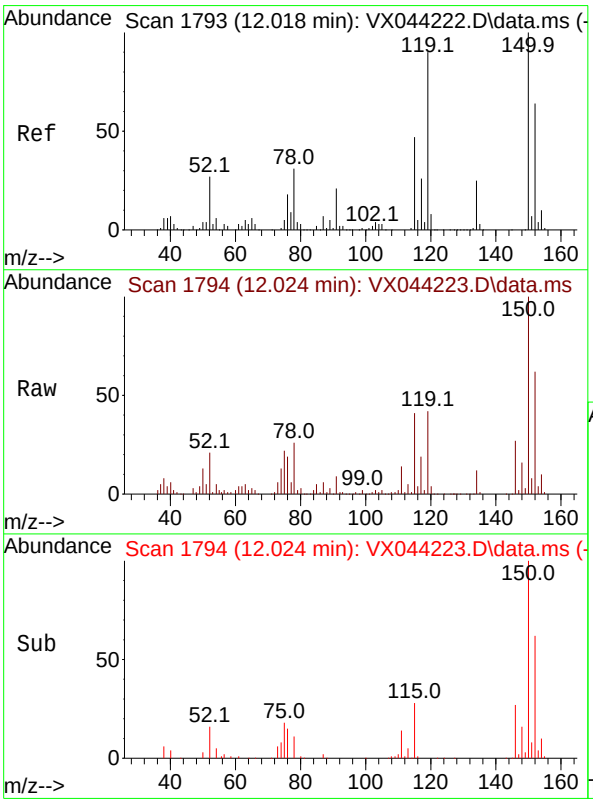
#71
Bromoform
Concen: 99.723 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:173 Resp: 112482

Ion	Ratio	Lower	Upper
173	100		
175	49.2	23.8	71.4
254	0.1	0.0	0.0#

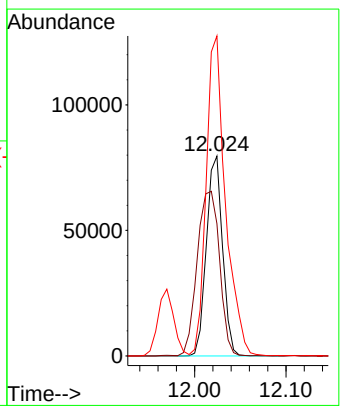


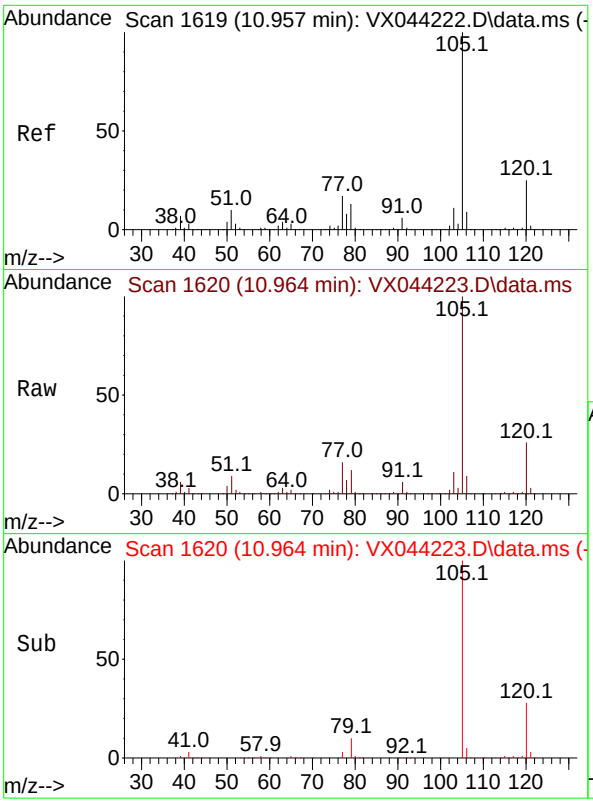


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:152 Resp: 97670

Ion	Ratio	Lower	Upper
152	100		
115	114.3	44.5	133.3
150	190.6	0.0	353.8



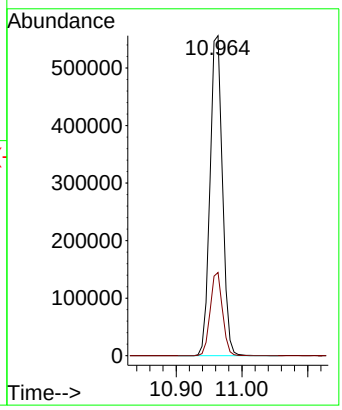


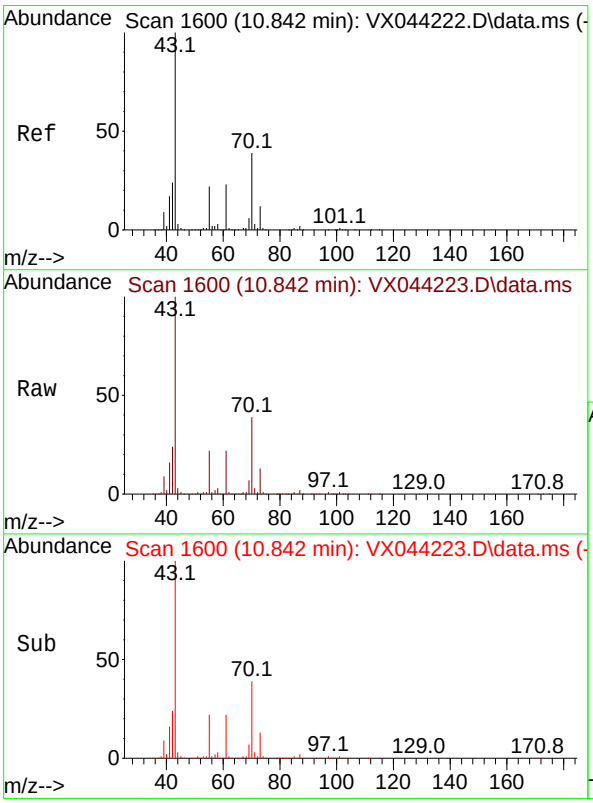
#73
Isopropylbenzene
Concen: 97.894 ug/l
RT: 10.964 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 731955

Ion	Ratio	Lower	Upper
105	100		
120	25.7	13.1	39.3

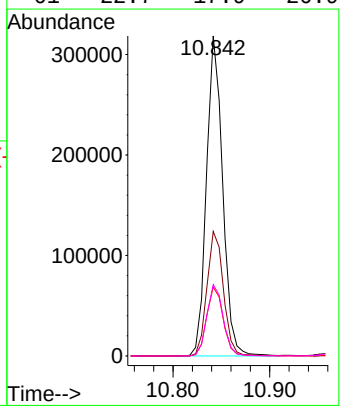


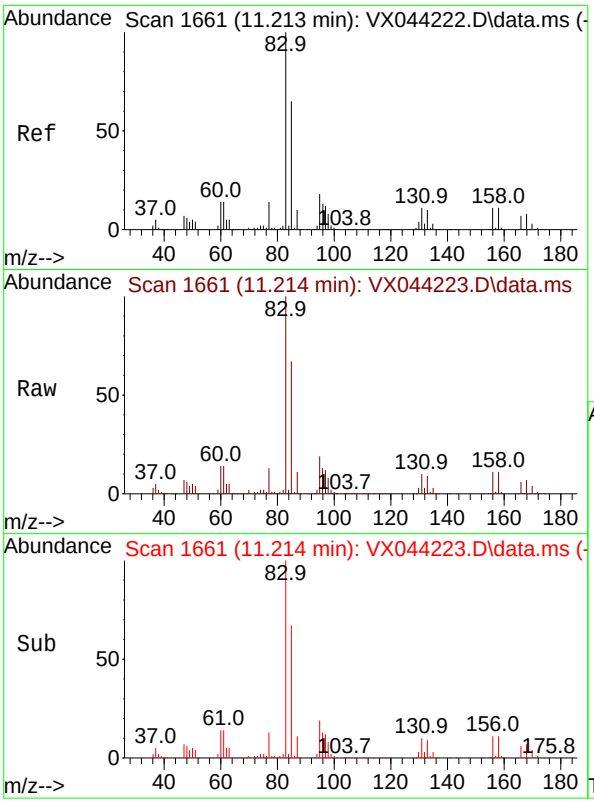


#74
N-amyl acetate
Concen: 107.485 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 43 Resp: 371420

Ion	Ratio	Lower	Upper
43	100		
70	39.7	31.9	47.9
55	22.2	17.9	26.9
61	22.7	17.9	26.9



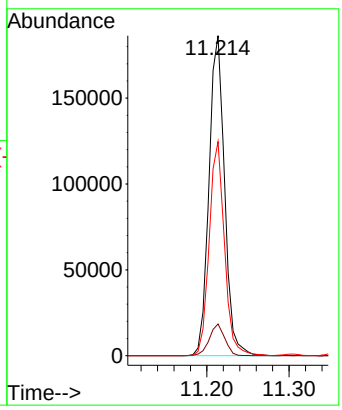


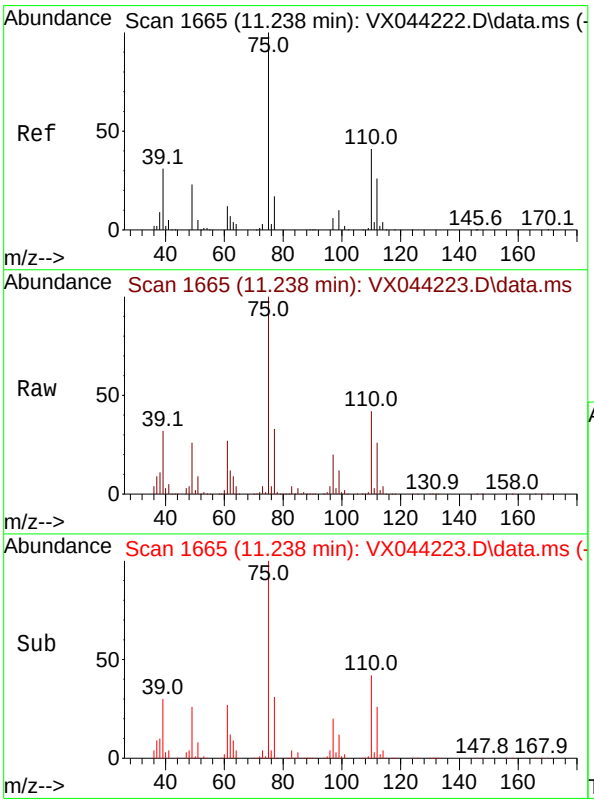
#75
1,1,2,2-Tetrachloroethane
Concen: 94.491 ug/l
RT: 11.214 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 245395

Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.1	15.4
85	65.4	32.5	97.4

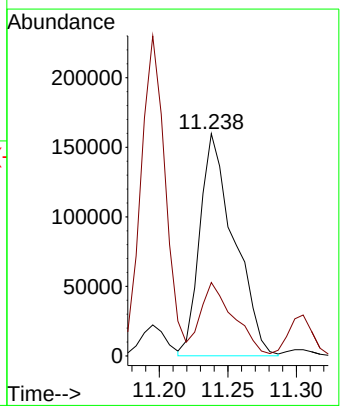


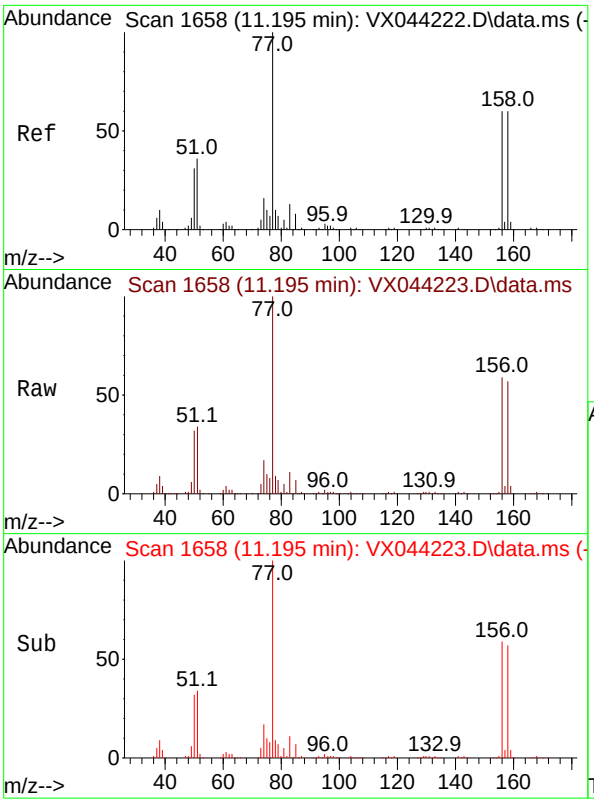


#76
1,2,3-Trichloropropane
Concen: 125.569 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 75 Resp: 278299

Ion	Ratio	Lower	Upper
75	100		
77	32.2	20.9	62.7



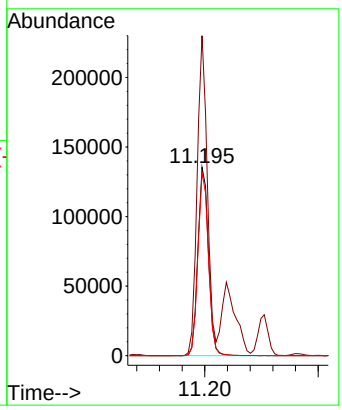


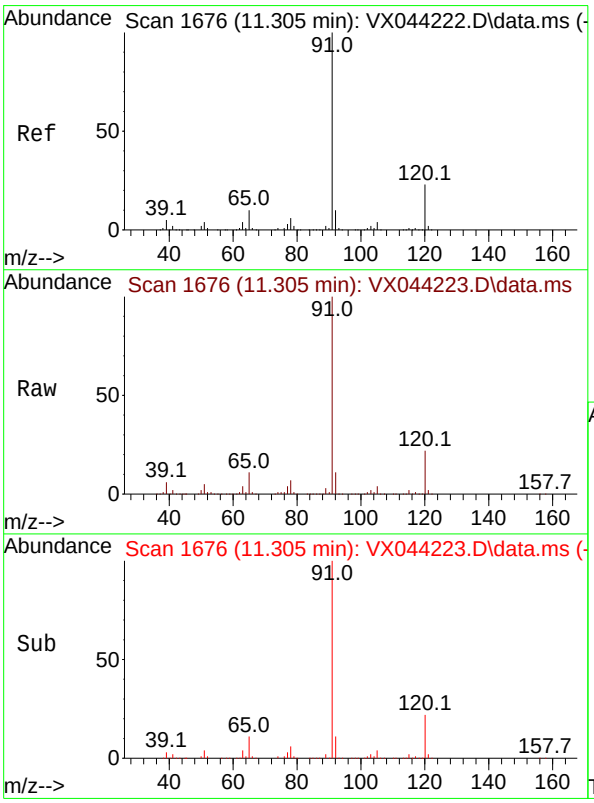
#77
Bromobenzene
Concen: 96.874 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:156 Resp: 175647

Ion	Ratio	Lower	Upper
156	100		
77	162.7	82.6	247.8
158	96.2	48.8	146.4

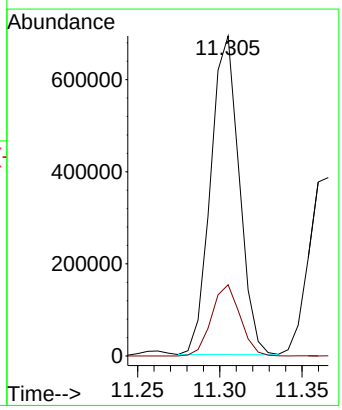


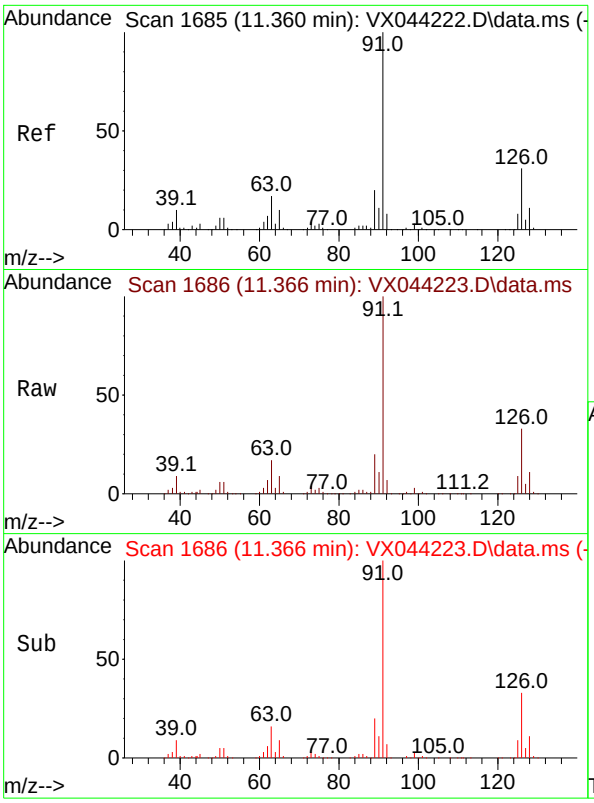


#78
n-propylbenzene
Concen: 101.242 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 91 Resp: 836676

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.0	33.0



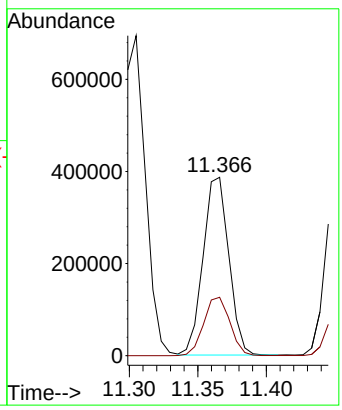


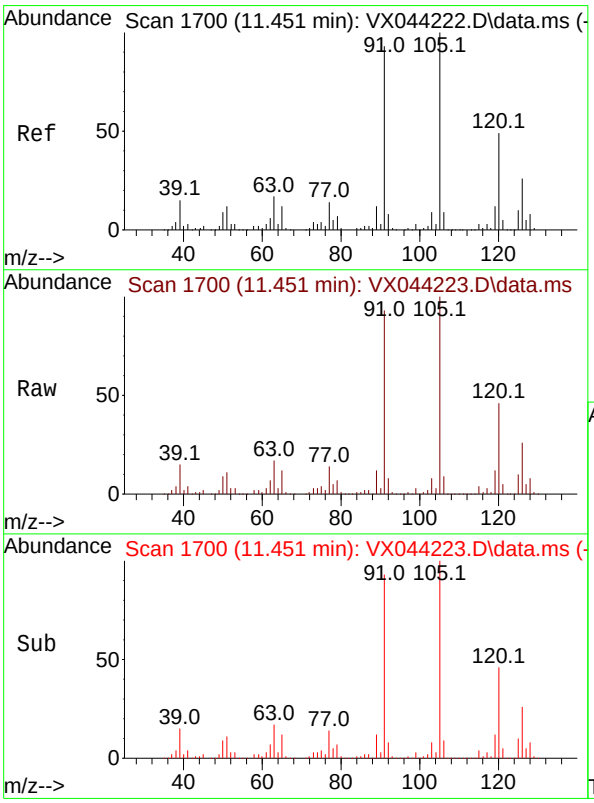
#79
2-Chlorotoluene
Concen: 94.377 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 504407

Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.4	49.1

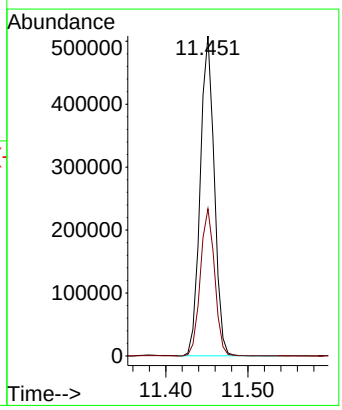


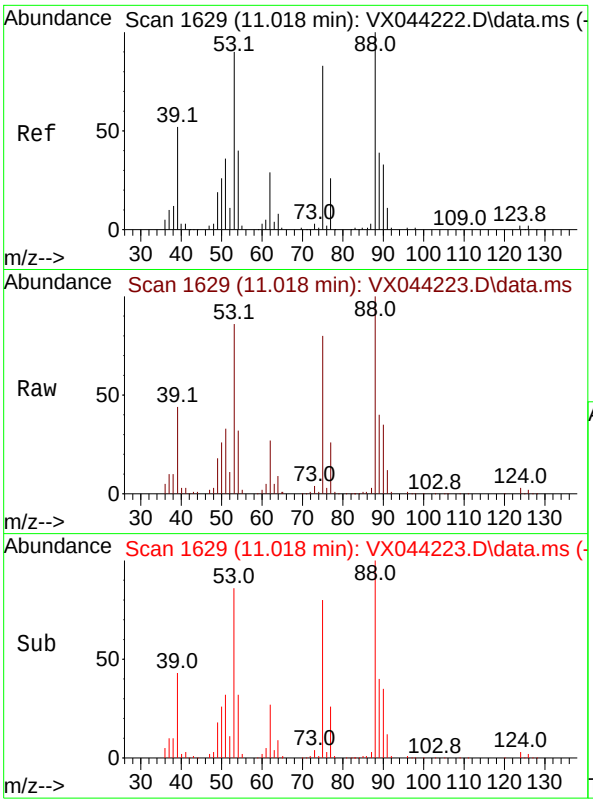


#80
1,3,5-Trimethylbenzene
Concen: 97.570 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:105 Resp: 604993

Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.8	71.4



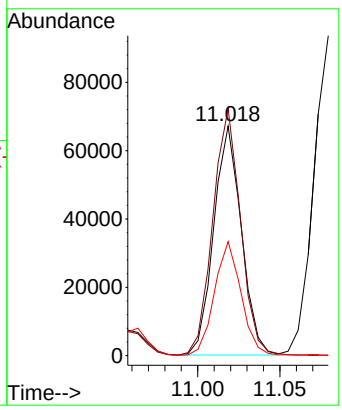


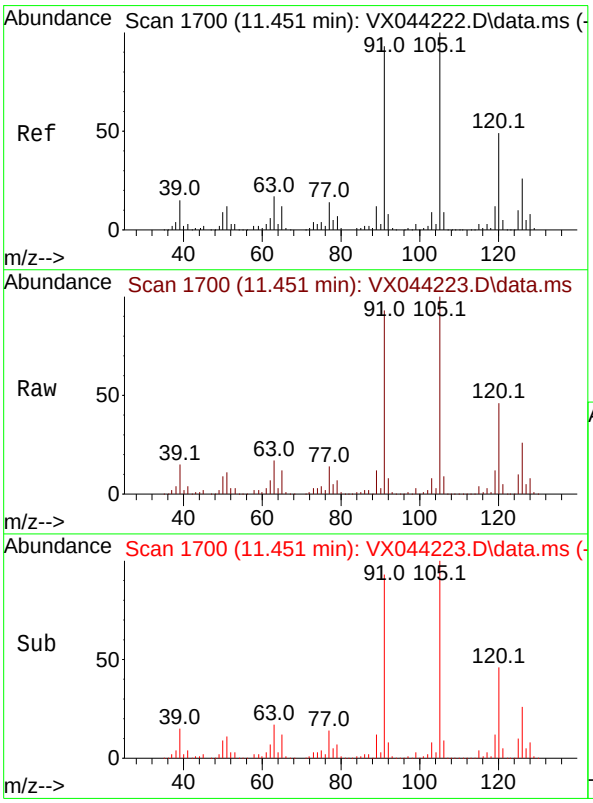
#81
trans-1,4-Dichloro-2-butene
Concen: 97.165 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 78453

Ion	Ratio	Lower	Upper
75	100		
53	107.9	93.6	140.4
89	47.8	37.3	55.9

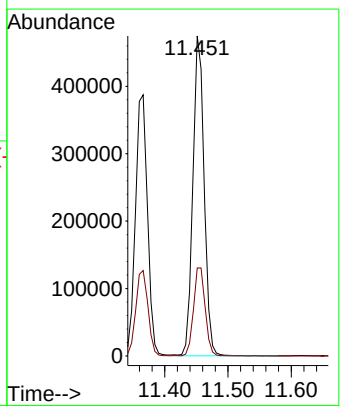


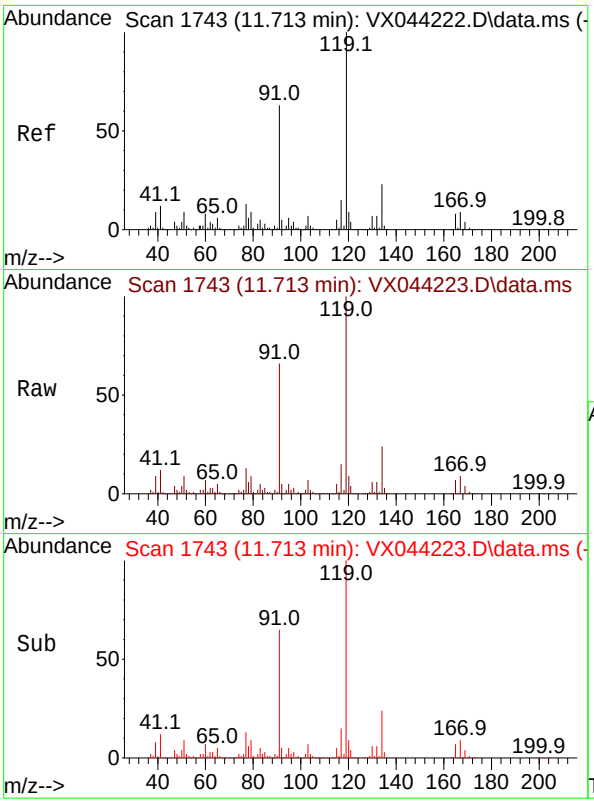


#82
4-Chlorotoluene
Concen: 99.384 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 91 Resp: 588197

Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.5	43.5



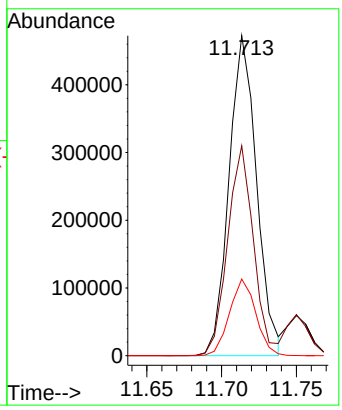


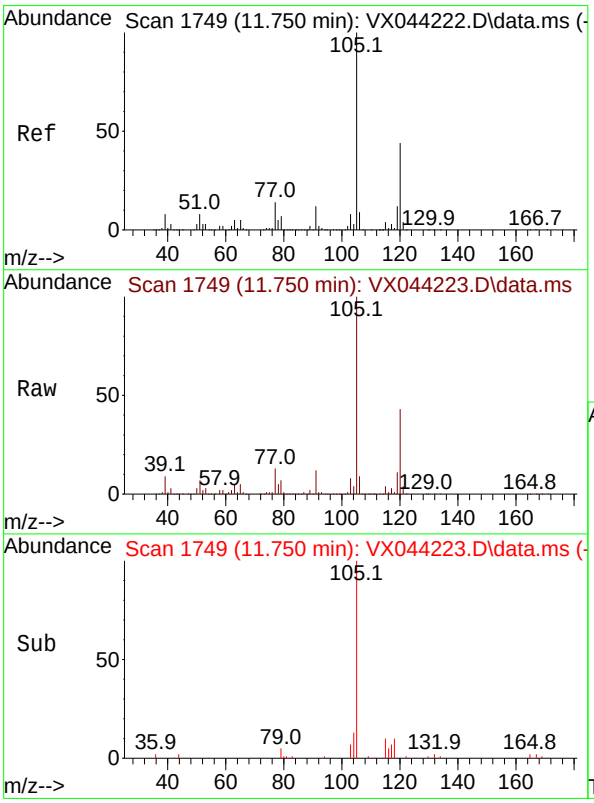
#83
tert-Butylbenzene
Concen: 99.013 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 606738

Ion	Ratio	Lower	Upper
119	100		
91	61.5	30.9	92.5
134	22.8	11.5	34.4

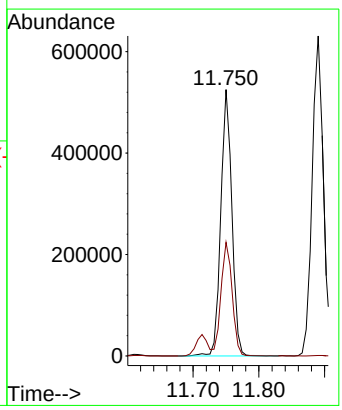


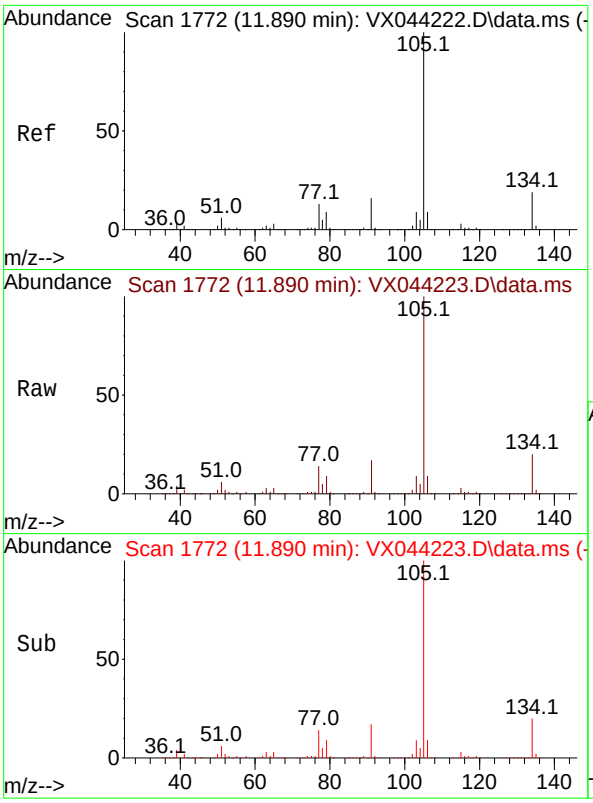


#84
1,2,4-Trimethylbenzene
Concen: 100.994 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:105 Resp: 614999

Ion	Ratio	Lower	Upper
105	100		
120	43.3	21.7	65.1



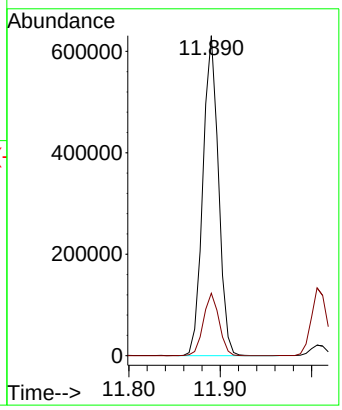


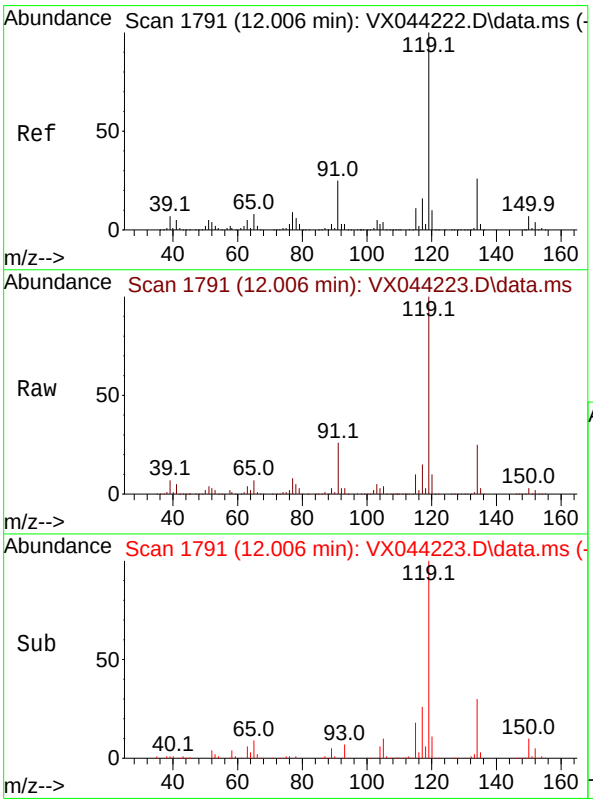
#85
sec-Butylbenzene
Concen: 99.889 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 743098

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.4

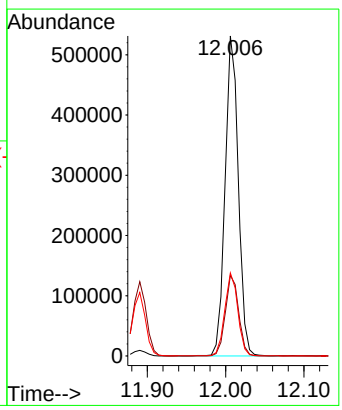


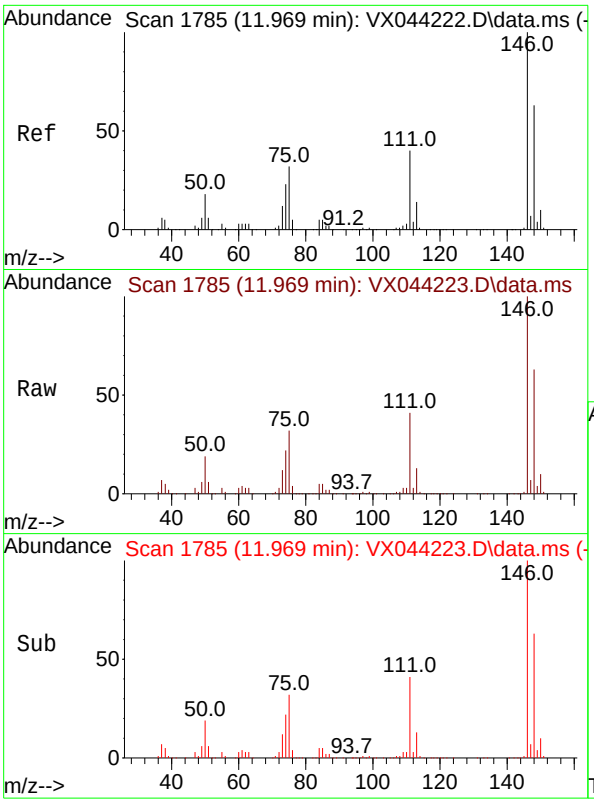


#86
p-Isopropyltoluene
Concen: 100.847 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:119 Resp: 624416

Ion	Ratio	Lower	Upper
119	100		
134	25.4	12.8	38.4
91	25.6	13.0	39.0



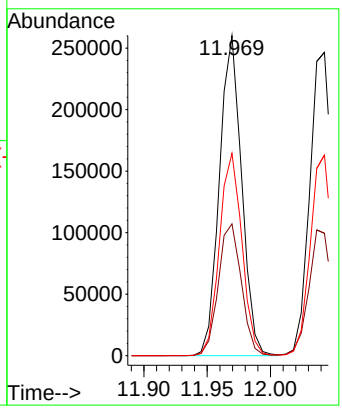


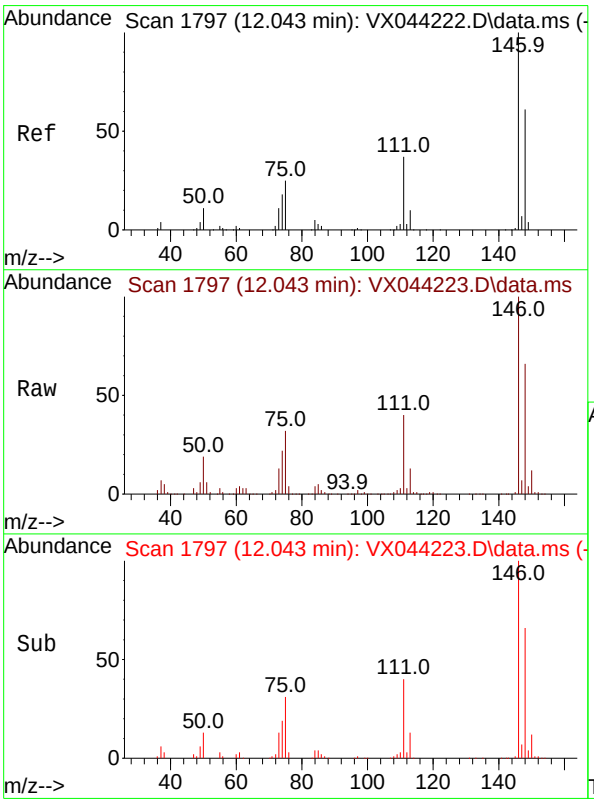
#87
1,3-Dichlorobenzene
Concen: 100.210 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 317377

Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.4	64.2
148	64.1	31.7	95.1

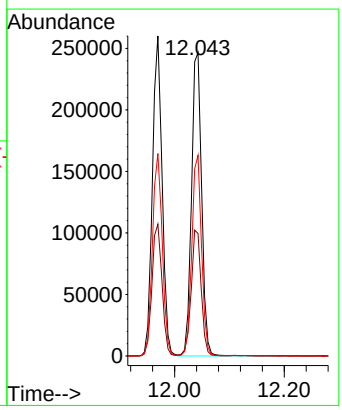


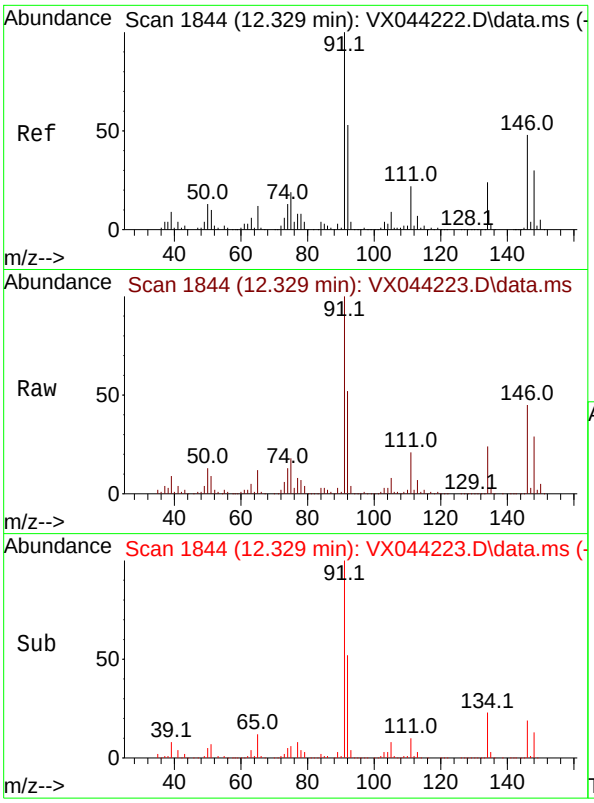


#88
1,4-Dichlorobenzene
Concen: 97.271 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:146 Resp: 316688

Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.0	63.0
148	63.7	32.3	96.8



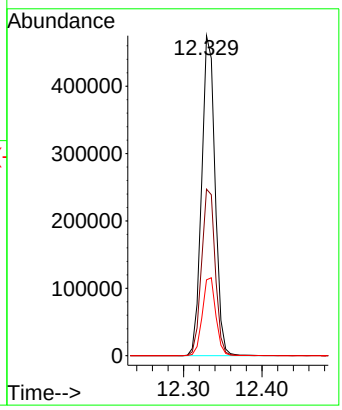


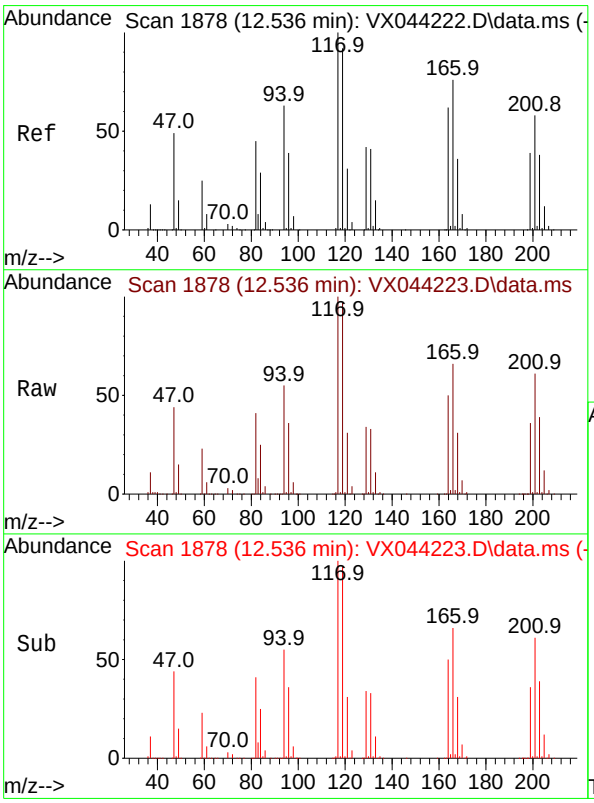
#89
n-Butylbenzene
Concen: 108.385 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 564303

Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.6	79.7
134	24.5	12.6	37.8

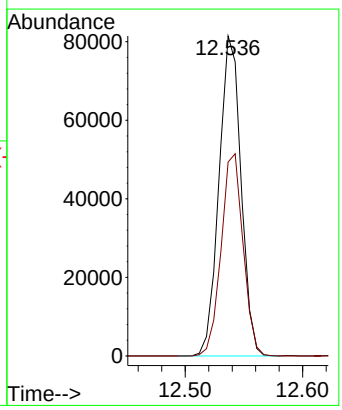


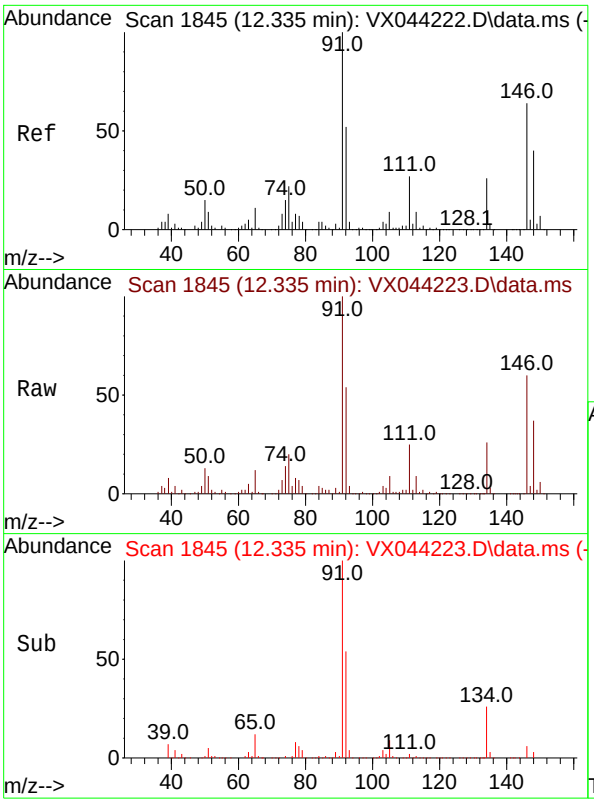


#90
Hexachloroethane
Concen: 117.218 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:117 Resp: 105946

Ion	Ratio	Lower	Upper
117	100		
201	63.2	31.4	94.2



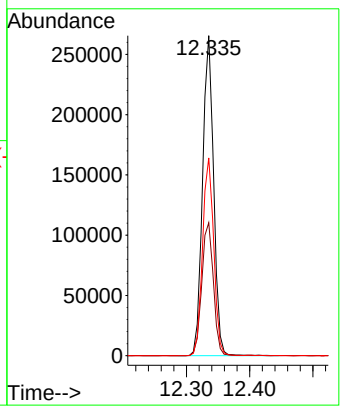


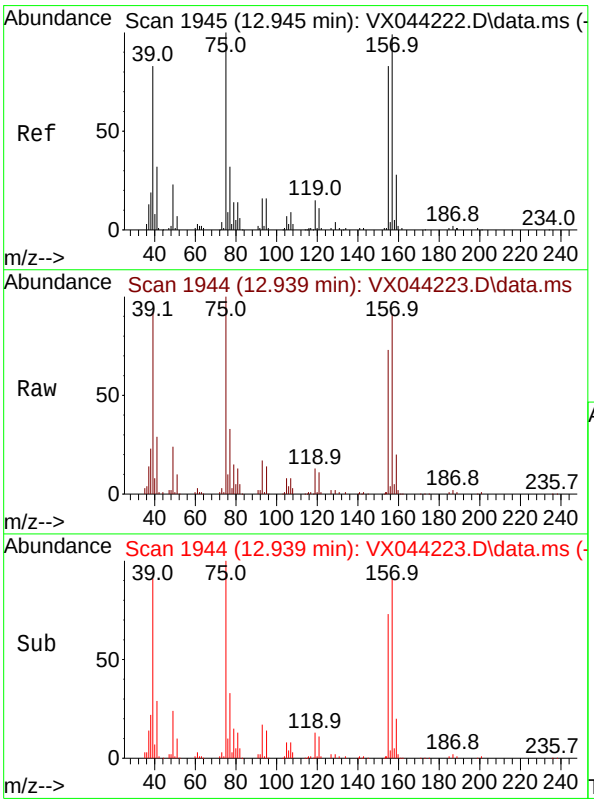
#91
1,2-Dichlorobenzene
Concen: 98.232 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 323040

Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.4	64.3
148	62.6	31.6	95.0

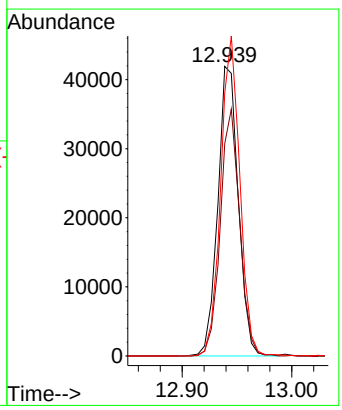


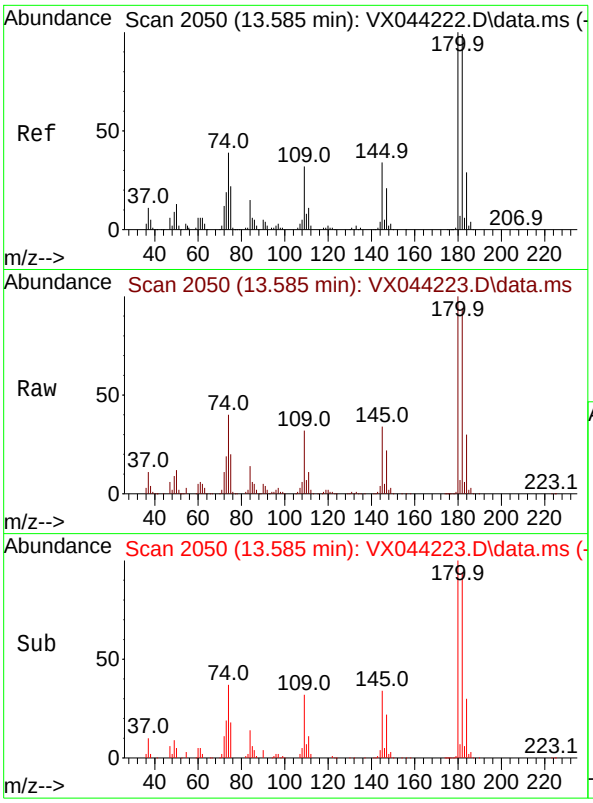


#92
1,2-Dibromo-3-Chloropropane
Concen: 108.279 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 75 Resp: 54588

Ion	Ratio	Lower	Upper
75	100		
155	80.6	38.1	114.3
157	102.8	47.2	141.6



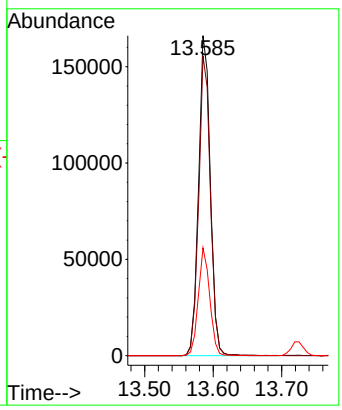


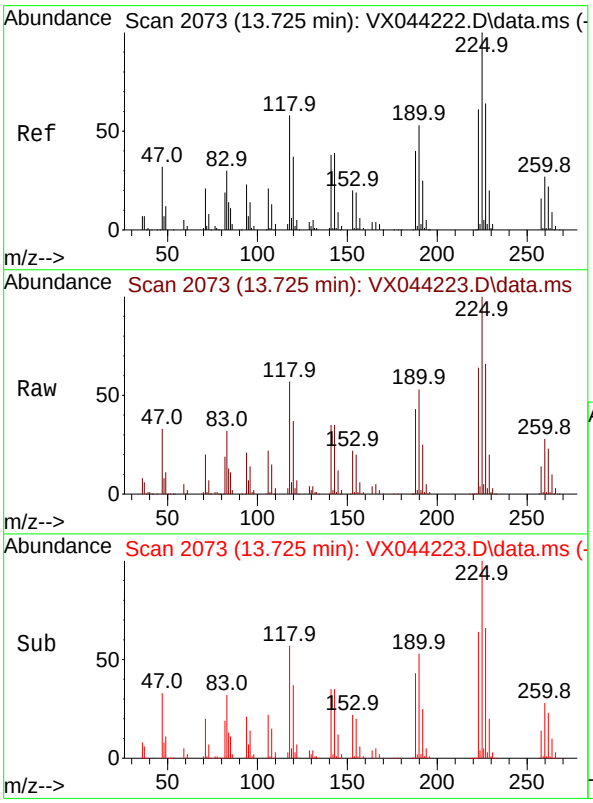
#93
1,2,4-Trichlorobenzene
Concen: 109.766 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:180 Resp: 197899

Ion	Ratio	Lower	Upper
180	100		
182	93.5	48.0	144.2
145	32.9	16.6	49.7

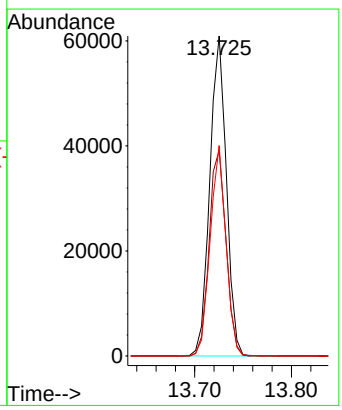


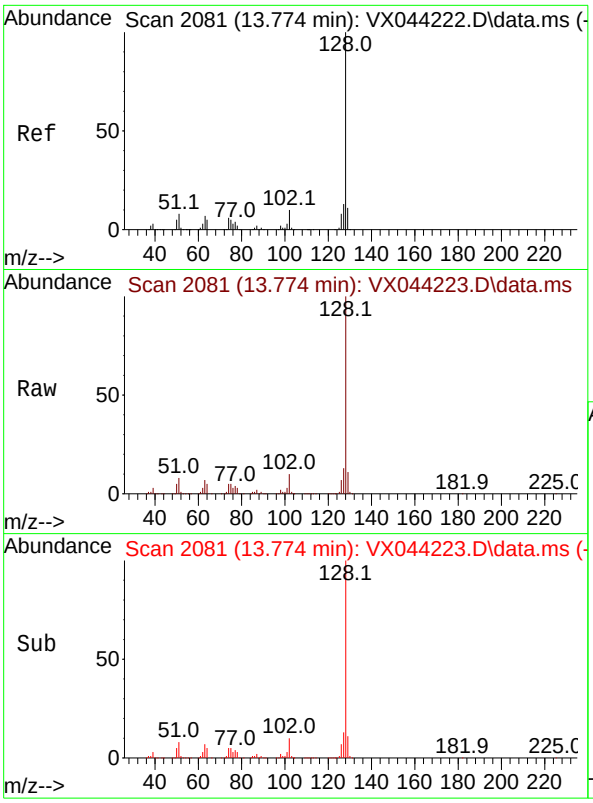


#94
Hexachlorobutadiene
Concen: 99.908 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:225 Resp: 72453

Ion	Ratio	Lower	Upper
225	100		
223	65.5	30.8	92.4
227	62.9	32.1	96.3



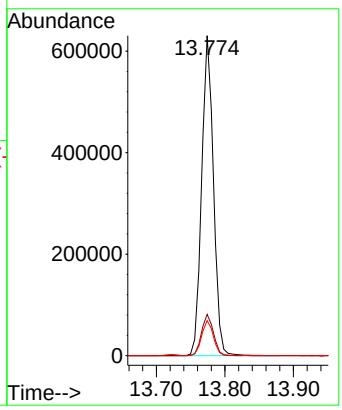


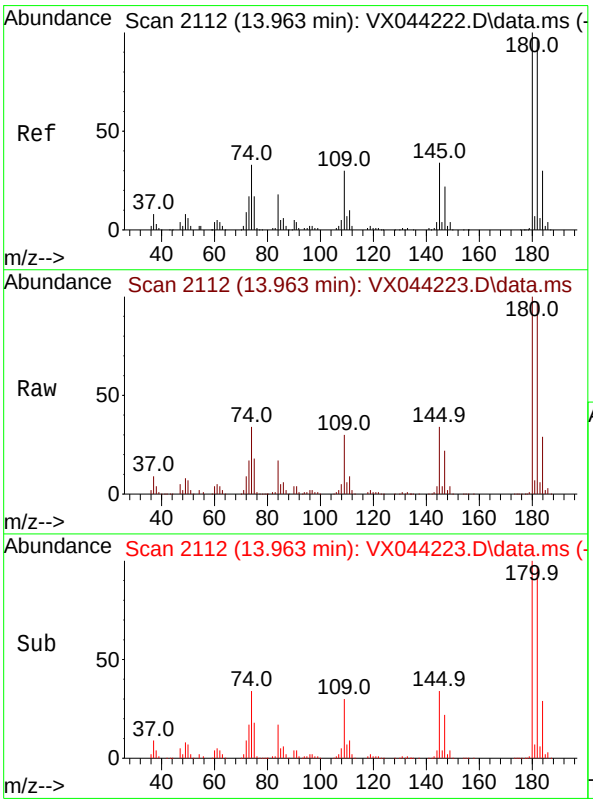
#95
Naphthalene
Concen: 107.308 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 755181

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.9	9.0	13.4

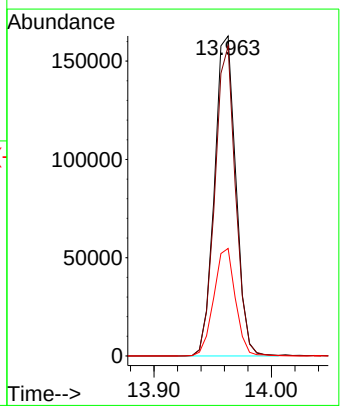




#96
1,2,3-Trichlorobenzene
Concen: 107.754 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:180 Resp: 206053

Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.0	144.0
145	34.1	17.7	53.1



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044224.D
Acq On : 11 Dec 2024 13:00
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Dec 12 04:16:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	117957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	218610	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90898	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	314272	151.956	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 303.920%#			
35) Dibromofluoromethane	5.385	113	231937	153.188	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 306.380%#			
50) Toluene-d8	8.647	98	788876	154.438	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 308.880%#			
62) 4-Bromofluorobenzene	11.079	95	279706	156.709	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 313.420%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	268739	147.342	ug/l	98
3) Chloromethane	1.294	50	261734	150.062	ug/l	97
4) Vinyl Chloride	1.374	62	260651	143.446	ug/l	97
5) Bromomethane	1.593	94	194089	150.562	ug/l	100
6) Chloroethane	1.660	64	150640	133.137	ug/l	98
7) Trichlorofluoromethane	1.861	101	500315	140.645	ug/l	99
8) Diethyl Ether	2.136	74	183845	151.407	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.312	101	219513	152.497	ug/l	99
10) Methyl Iodide	2.441	142	284184	149.795	ug/l	99
11) Tert butyl alcohol	3.014	59	266830	916.880	ug/l	98
12) 1,1-Dichloroethene	2.306	96	211016	159.600	ug/l	96
13) Acrolein	2.239	56	341487	809.350	ug/l	100
14) Allyl chloride	2.654	41	346773	157.465	ug/l	99
15) Acrylonitrile	3.068	53	649783	804.774	ug/l	99
16) Acetone	2.392	43	658120	780.537	ug/l	98
17) Carbon Disulfide	2.495	76	481926	191.754	ug/l	99
18) Methyl Acetate	2.709	43	336516	154.792	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	806360	156.286	ug/l	98
20) Methylene Chloride	2.782	84	236412	149.282	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	221622	157.719	ug/l	99
22) Diisopropyl ether	3.763	45	751292	151.500	ug/l	98
23) Vinyl Acetate	3.727	43	3464902	859.417	ug/l	99
24) 1,1-Dichloroethane	3.605	63	431006	155.921	ug/l	100
25) 2-Butanone	4.568	43	957709	798.973	ug/l	99
26) 2,2-Dichloropropane	4.465	77	367781	163.773	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	269708	151.131	ug/l	99
28) Bromochloromethane	4.897	49	200978	148.269	ug/l	100
29) Tetrahydrofuran	5.013	42	602095	782.561	ug/l	99
30) Chloroform	5.092	83	463606	149.274	ug/l	99
31) Cyclohexane	5.458	56	332026	148.745	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	415253	161.073	ug/l	99
36) 1,1-Dichloropropene	5.684	75	290913	148.642	ug/l	99
37) Ethyl Acetate	4.721	43	376757	155.731	ug/l	99
38) Carbon Tetrachloride	5.672	117	346795	164.587	ug/l	98
39) Methylcyclohexane	7.373	83	368542	157.516	ug/l	99
40) Benzene	6.031	78	887413	149.340	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044224.D
Acq On : 11 Dec 2024 13:00
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Dec 12 04:16:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	199851	155.569	ug/l		99
42) 1,2-Dichloroethane	6.086	62	369874	151.105	ug/l		100
43) Isopropyl Acetate	6.342	43	617107	163.200	ug/l		99
44) Trichloroethene	7.123	130	224164	151.275	ug/l		100
45) 1,2-Dichloropropane	7.427	63	224224	147.697	ug/l		96
46) Dibromomethane	7.580	93	184590	156.728	ug/l		99
47) Bromodichloromethane	7.818	83	352904	173.496	ug/l		98
48) Methyl methacrylate	7.696	41	292890	159.567	ug/l		98
49) 1,4-Dioxane	7.665	88	111023	3539.235	ug/l	#	88
51) 4-Methyl-2-Pentanone	8.580	43	1907523	784.573	ug/l		99
52) Toluene	8.714	92	557102	149.294	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	366275	150.167	ug/l		95
54) cis-1,3-Dichloropropene	8.366	75	382226	172.581	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	222665	150.202	ug/l		98
56) Ethyl methacrylate	9.116	69	389165	166.289	ug/l		99
57) 1,3-Dichloropropane	9.305	76	387086	150.014	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.244	63	970949	822.575	ug/l		100
59) 2-Hexanone	9.433	43	1436300	816.161	ug/l		99
60) Dibromochloromethane	9.525	129	261253	150.105	ug/l		99
61) 1,2-Dibromoethane	9.610	107	242451	160.674	ug/l		97
64) Tetrachloroethene	9.269	164	186443	147.836	ug/l		98
65) Chlorobenzene	10.079	112	608404	149.428	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	218515	166.991	ug/l		100
67) Ethyl Benzene	10.195	91	1068736	151.917	ug/l		98
68) m/p-Xylenes	10.299	106	806058	312.254	ug/l		98
69) o-Xylene	10.640	106	397084	152.030	ug/l		98
70) Styrene	10.652	104	670887	160.228	ug/l		98
71) Bromoform	10.799	173	169450	150.034	ug/l	#	99
73) Isopropylbenzene	10.963	105	1021749	146.832	ug/l		99
74) N-amyl acetate	10.841	43	536496	166.823	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	352591	145.883	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	400724	194.277	ug/l		85
77) Bromobenzene	11.201	156	243975	144.584	ug/l		100
78) n-propylbenzene	11.305	91	1166255	151.637	ug/l		98
79) 2-Chlorotoluene	11.366	91	700673	140.866	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	853042	147.824	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	117263	152.670	ug/l		93
82) 4-Chlorotoluene	11.451	91	825278	149.831	ug/l		99
83) tert-Butylbenzene	11.713	119	846864	148.495	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	846771	149.414	ug/l		100
85) sec-Butylbenzene	11.890	105	1034419	149.409	ug/l		99
86) p-Isopropyltoluene	12.006	119	875562	151.944	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	443826	150.575	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	442556	146.058	ug/l		99
89) n-Butylbenzene	12.329	91	808399	166.836	ug/l		100
90) Hexachloroethane	12.536	117	154726	183.942	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	447931	146.357	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	83565	178.106	ug/l		93
93) 1,2,4-Trichlorobenzene	13.585	180	288519	171.952	ug/l		98
94) Hexachlorobutadiene	13.725	225	103961	154.036	ug/l		98
95) Naphthalene	13.774	128	1094997	167.187	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	293760	165.064	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044224.D
Acq On : 11 Dec 2024 13:00
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Dec 12 04:16:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

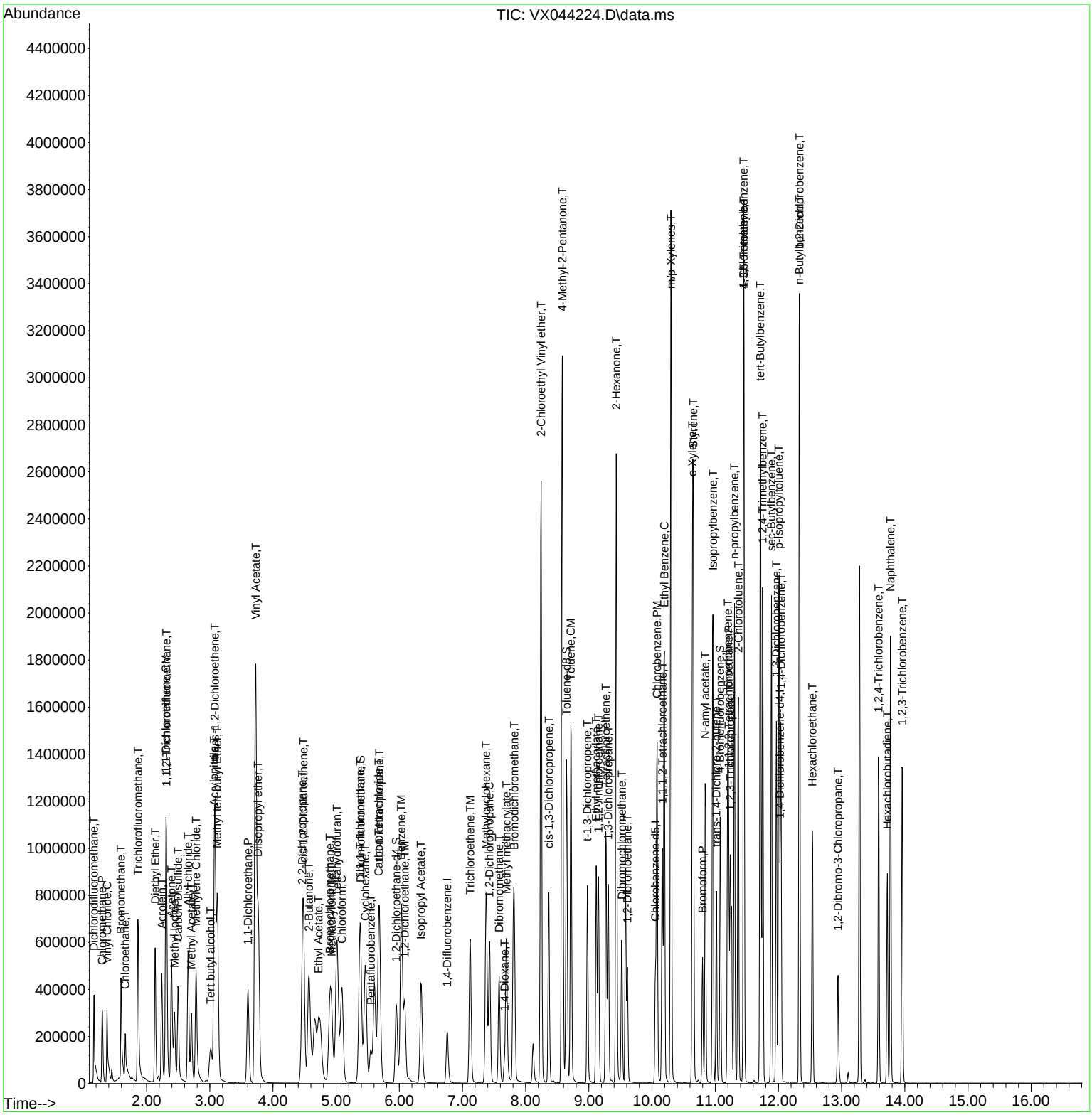
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

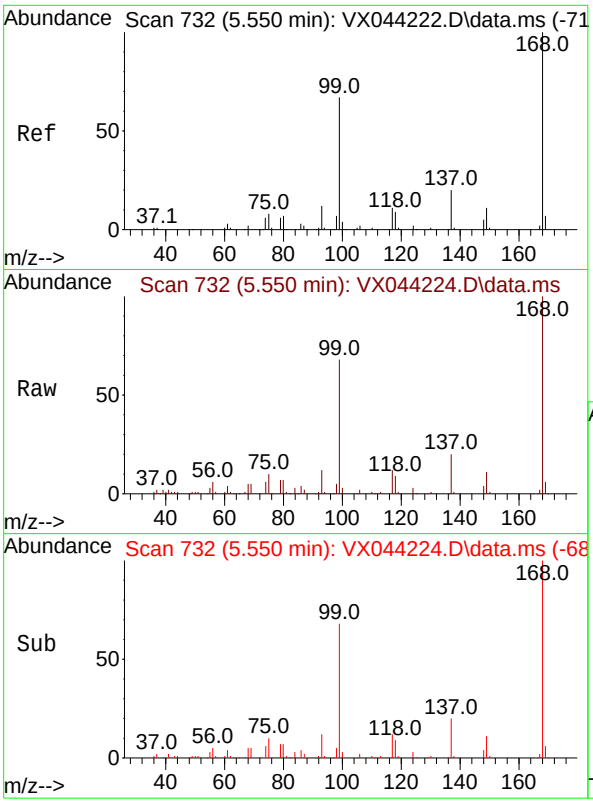
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044224.D
Acq On : 11 Dec 2024 13:00
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Dec 12 04:16:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration



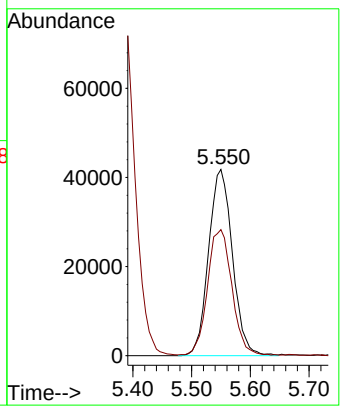


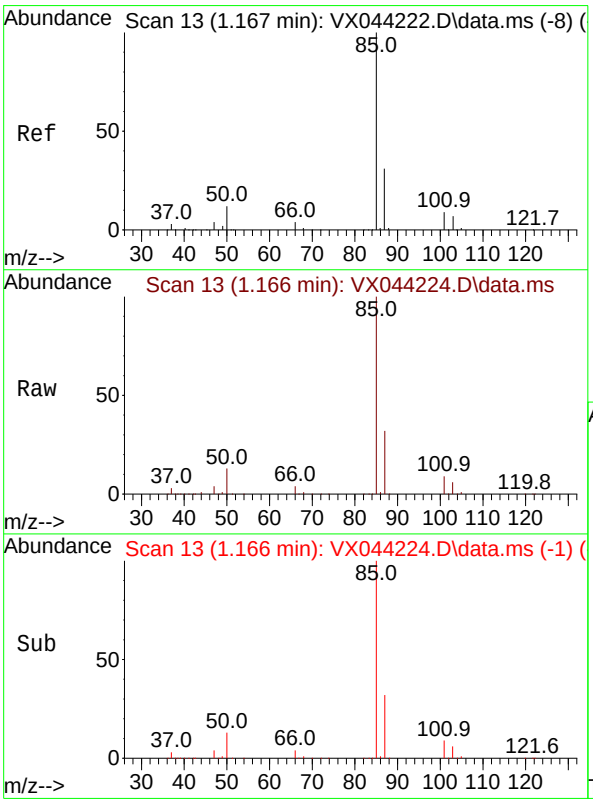
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:168 Resp: 117957

Ion	Ratio	Lower	Upper
168	100		
99	67.2	53.4	80.0

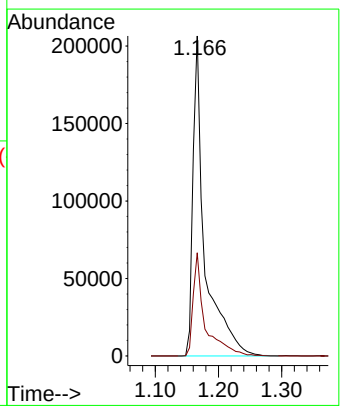


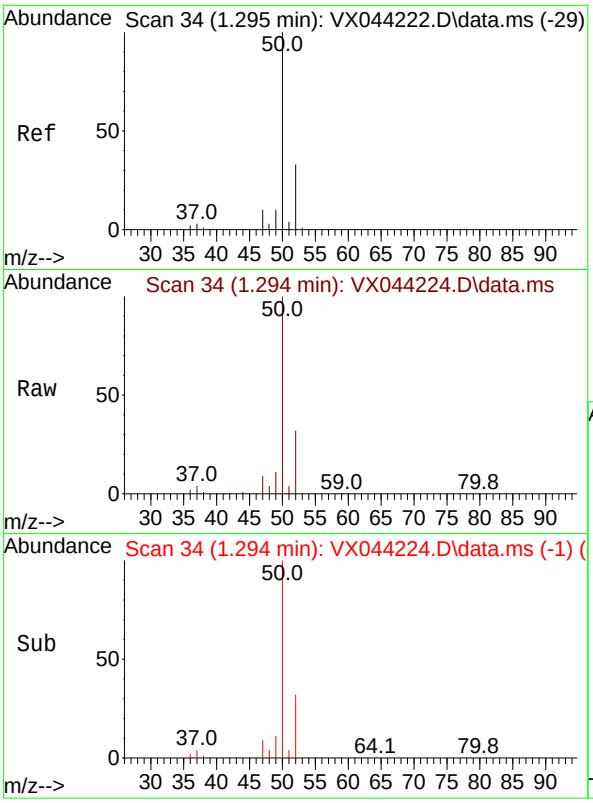


#2
Dichlorodifluoromethane
Concen: 147.342 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 85 Resp: 268739

Ion	Ratio	Lower	Upper
85	100		
87	32.2	15.4	46.4



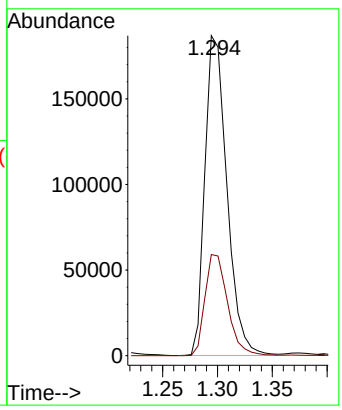


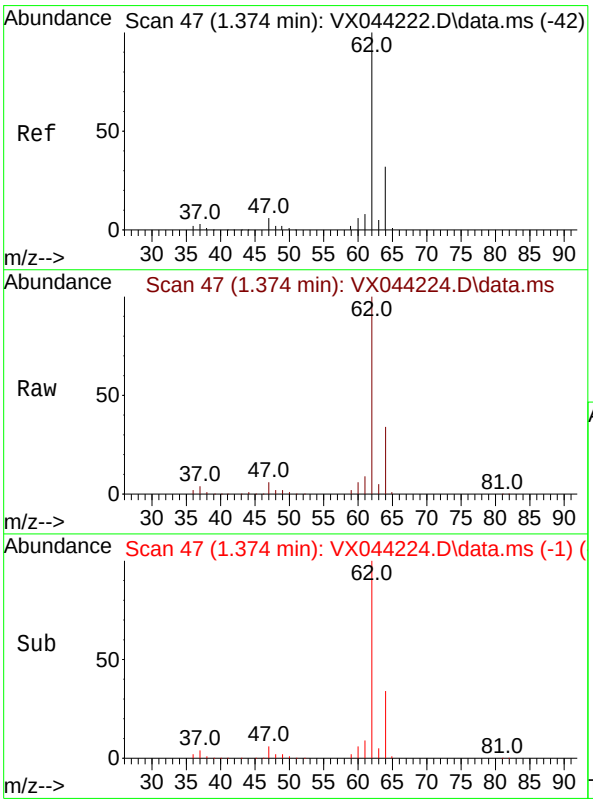
#3
Chloromethane
Concen: 150.062 ug/l
RT: 1.294 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 50 Resp: 261734

Ion	Ratio	Lower	Upper
50	100		
52	31.6	26.5	39.7

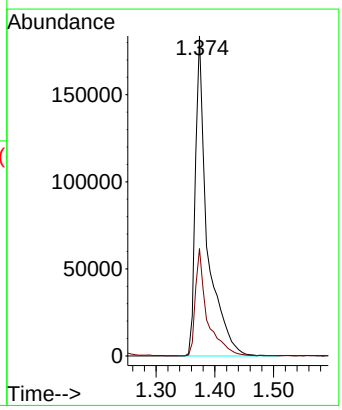


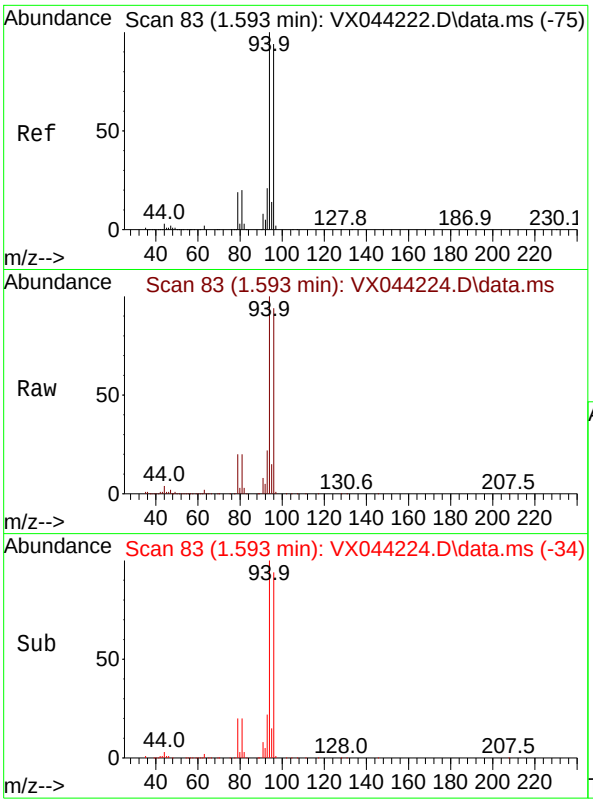


#4
Vinyl Chloride
Concen: 143.446 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 62 Resp: 260651

Ion	Ratio	Lower	Upper
62	100		
64	33.5	25.7	38.5



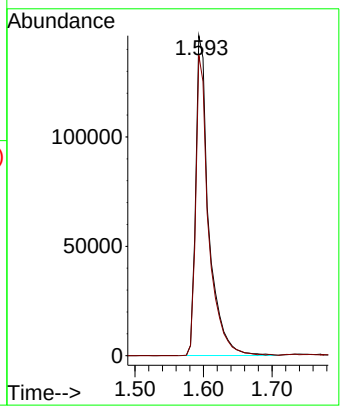


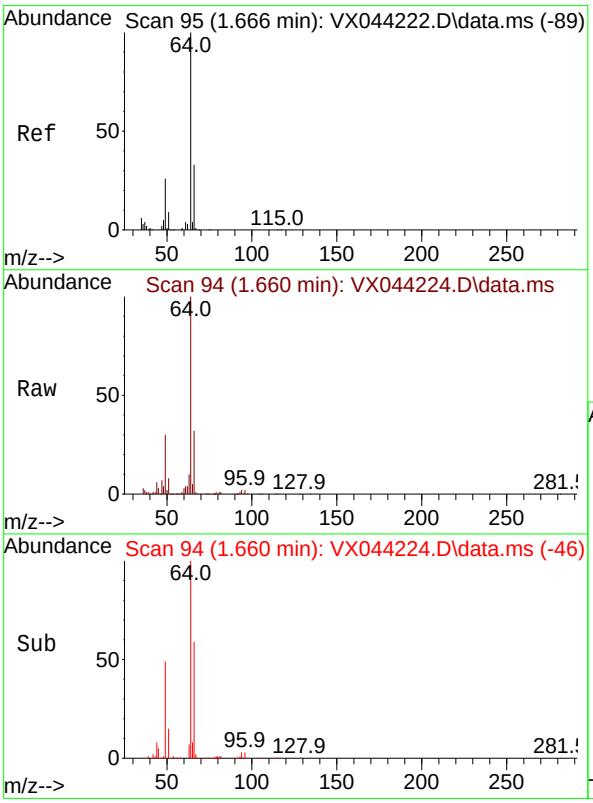
#5
Bromomethane
Concen: 150.562 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 94 Resp: 194089

Ion	Ratio	Lower	Upper
94	100		
96	94.0	74.9	112.3

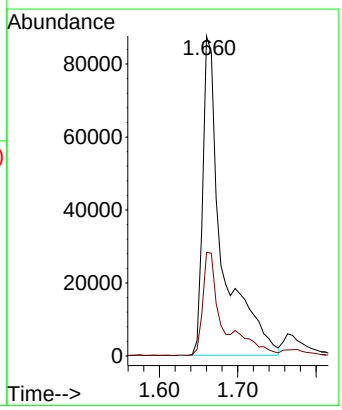


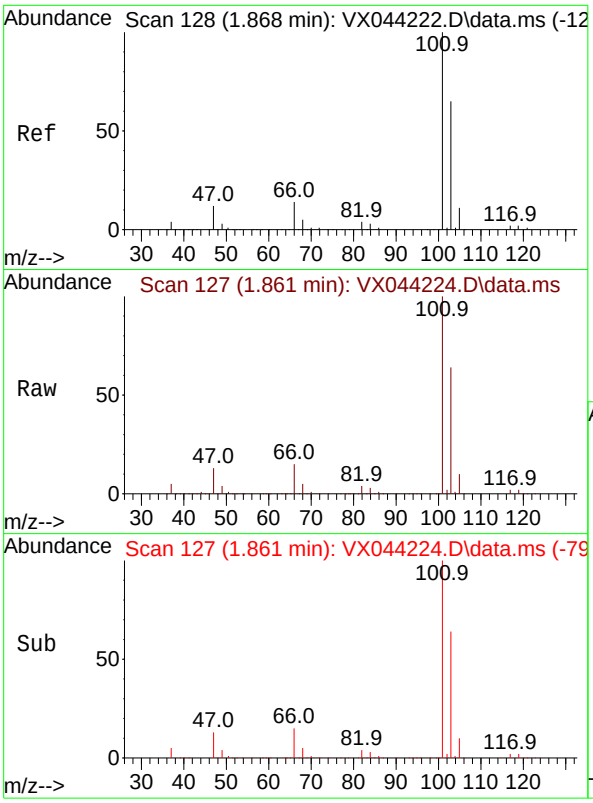


#6
Chloroethane
Concen: 133.137 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 64 Resp: 150640

Ion	Ratio	Lower	Upper
64	100		
66	32.1	26.6	39.8



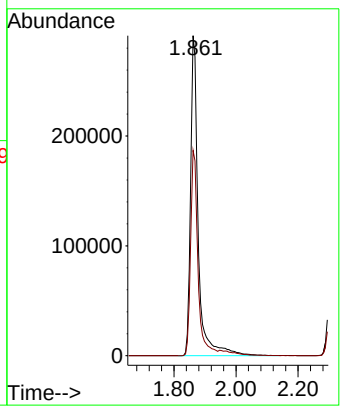


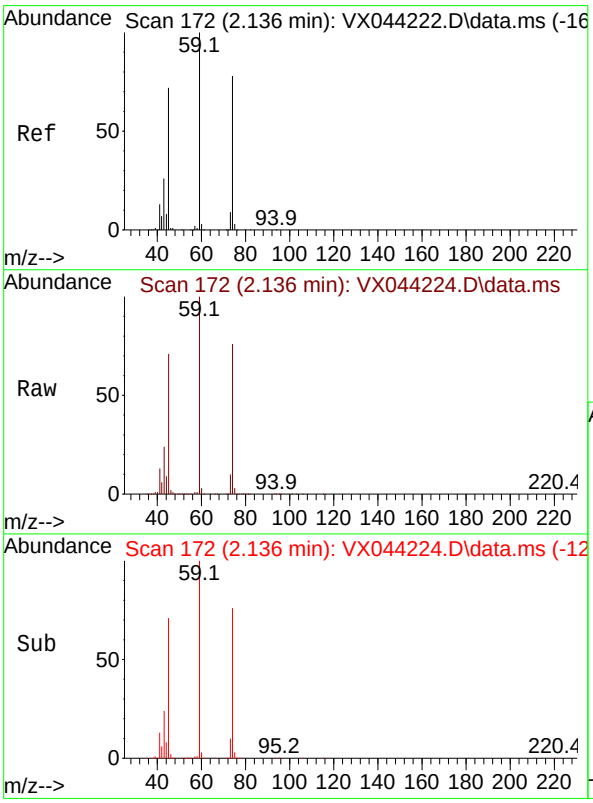
#7
Trichlorofluoromethane
Concen: 140.645 ug/l
RT: 1.861 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 500315

Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.8	77.8

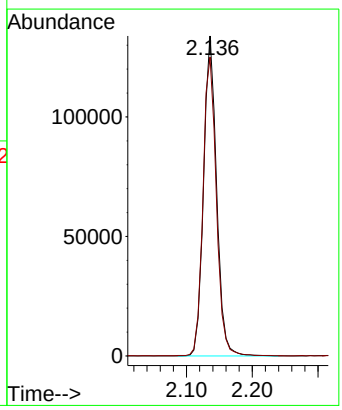


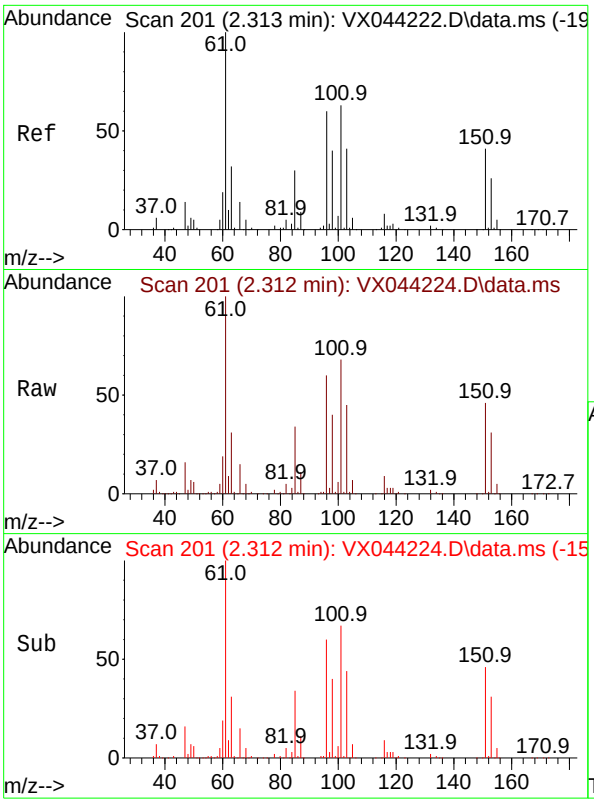


#8
Diethyl Ether
Concen: 151.407 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 74 Resp: 183845

Ion	Ratio	Lower	Upper
74	100		
45	96.6	48.4	145.0



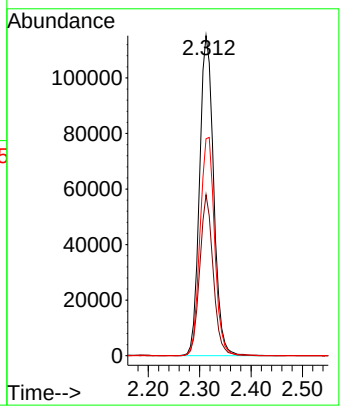


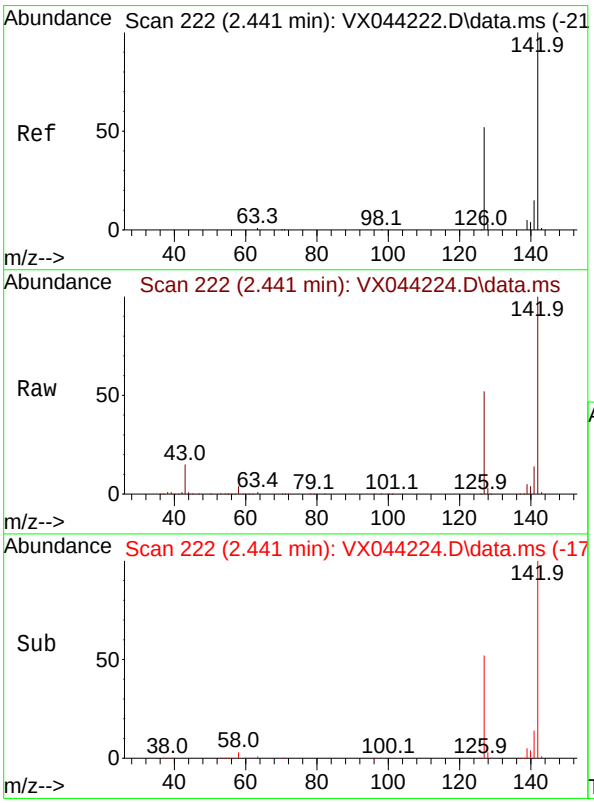
#9
1,1,2-Trichlorotrifluoroethane
Concen: 152.497 ug/l
RT: 2.312 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 219513

Ion	Ratio	Lower	Upper
101	100		
85	47.8	38.5	57.7
151	70.5	55.8	83.6

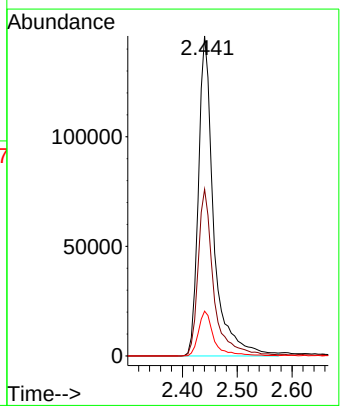


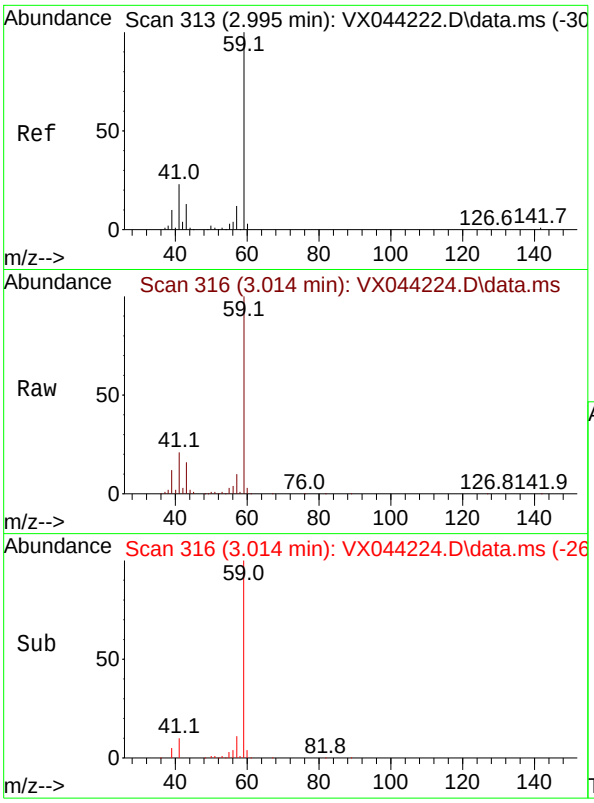


#10
Methyl Iodide
Concen: 149.795 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:142 Resp: 284184

Ion	Ratio	Lower	Upper
142	100		
127	52.8	41.8	62.8
141	14.2	11.5	17.3



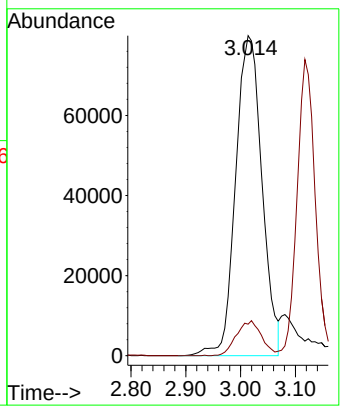


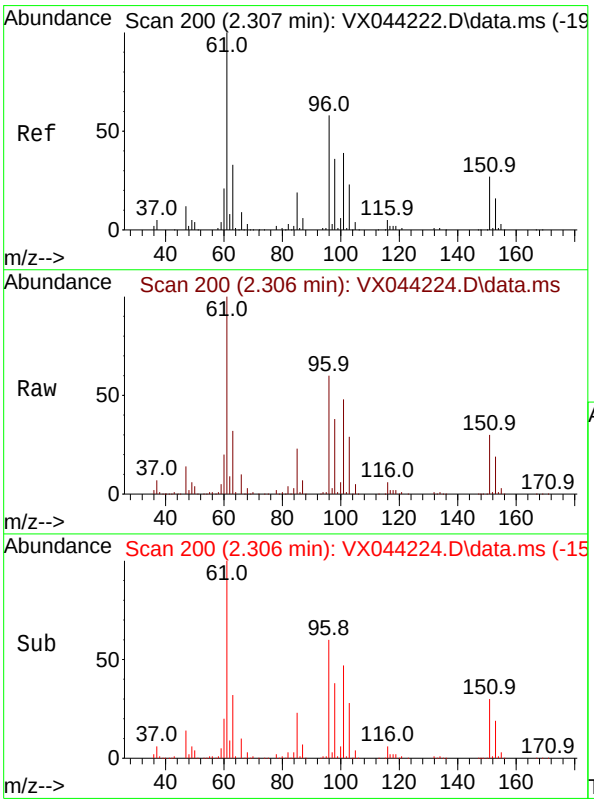
#11
Tert butyl alcohol
Concen: 916.880 ug/l
RT: 3.014 min Scan# 3
Delta R.T. 0.018 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 59 Resp: 266830

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.8	13.2

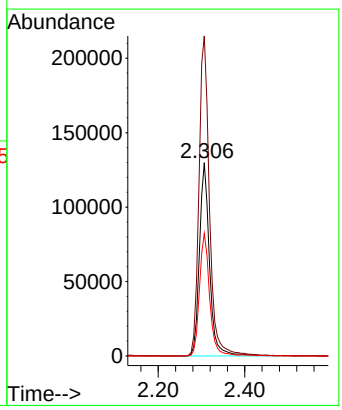


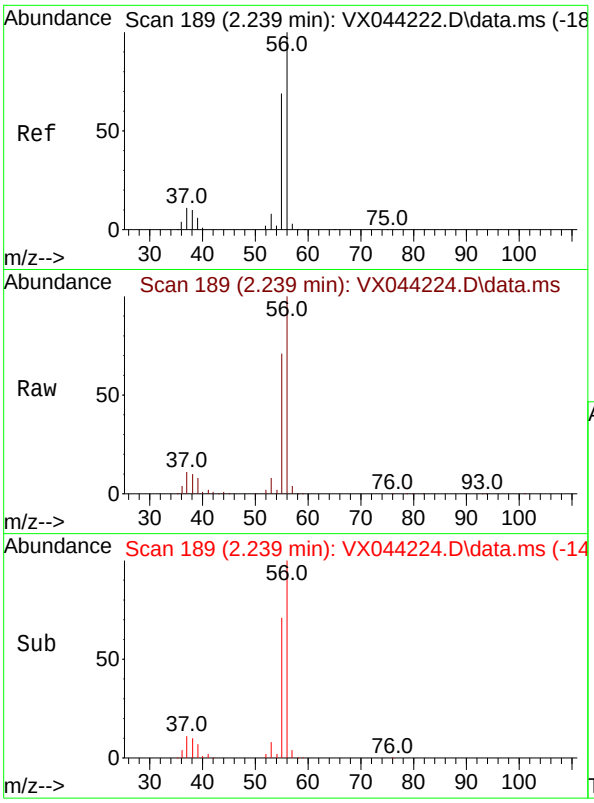


#12
1,1-Dichloroethene
Concen: 159.600 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 96 Resp: 211016

Ion	Ratio	Lower	Upper
96	100		
61	165.6	138.0	207.0
98	63.5	50.0	75.0



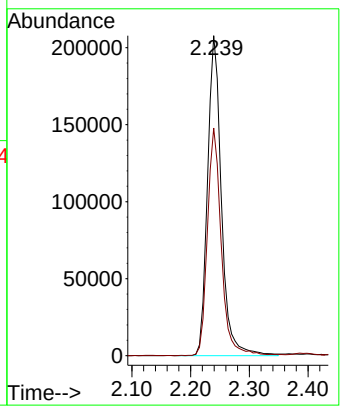


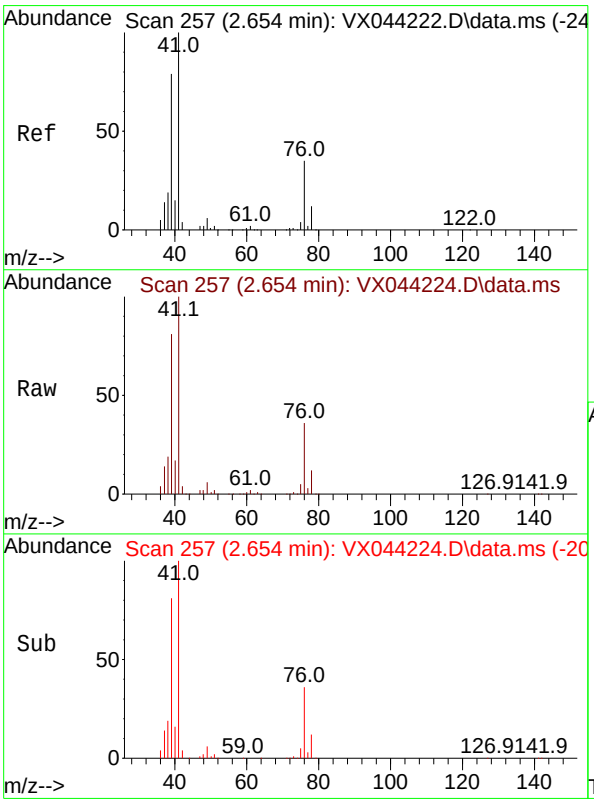
#13
Acrolein
Concen: 809.350 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 341487

Ion	Ratio	Lower	Upper
56	100		
55	70.8	56.6	84.8

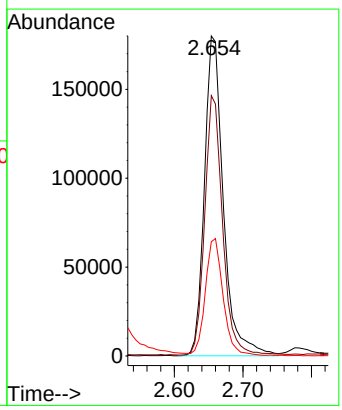


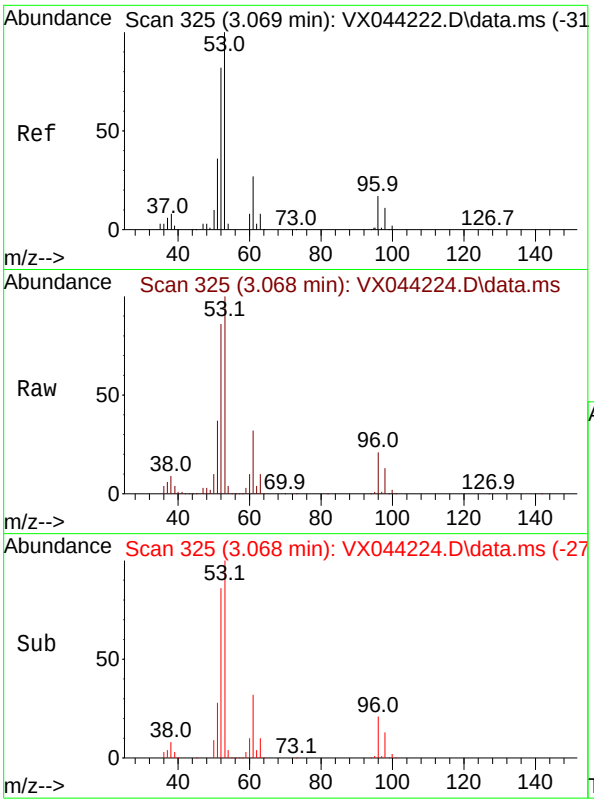


#14
Allyl chloride
Concen: 157.465 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 41 Resp: 346773

Ion	Ratio	Lower	Upper
41	100		
39	76.1	61.9	92.9
76	34.5	27.4	41.2



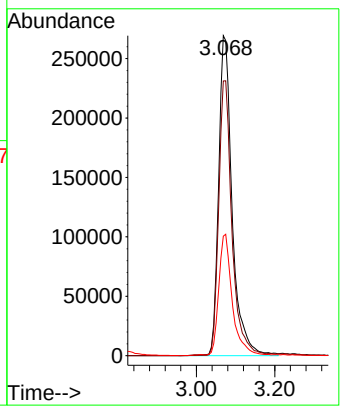


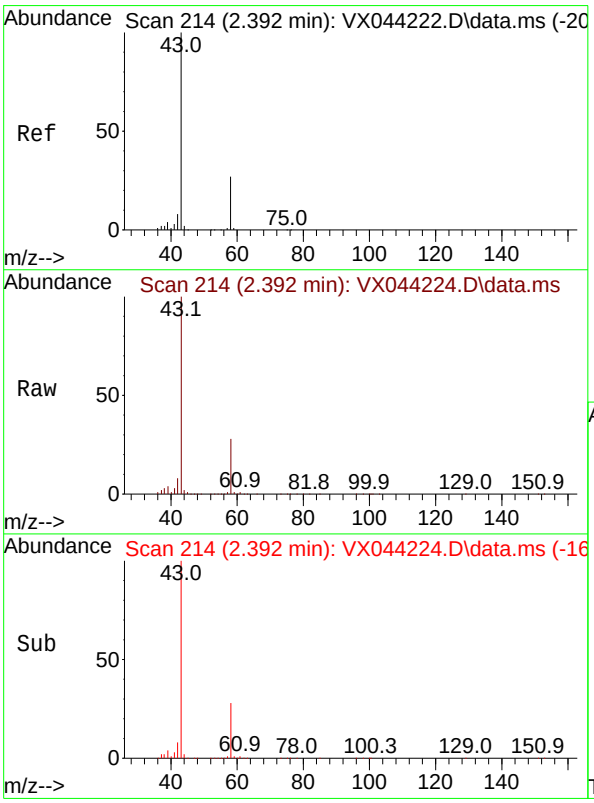
#15
Acrylonitrile
Concen: 804.774 ug/l
RT: 3.068 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 53 Resp: 649783

Ion	Ratio	Lower	Upper
53	100		
52	83.9	67.4	101.0
51	37.0	30.3	45.5

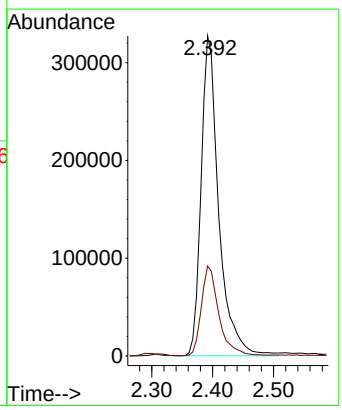


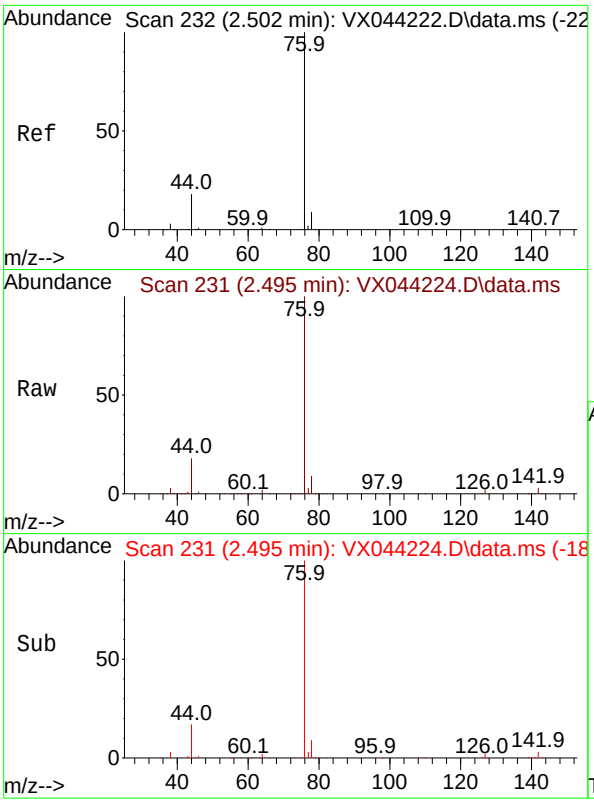


#16
Acetone
Concen: 780.537 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 43 Resp: 658120

Ion	Ratio	Lower	Upper
43	100		
58	28.1	21.6	32.4



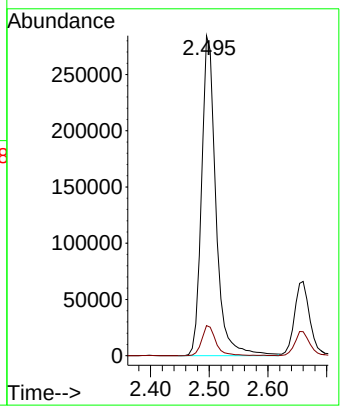


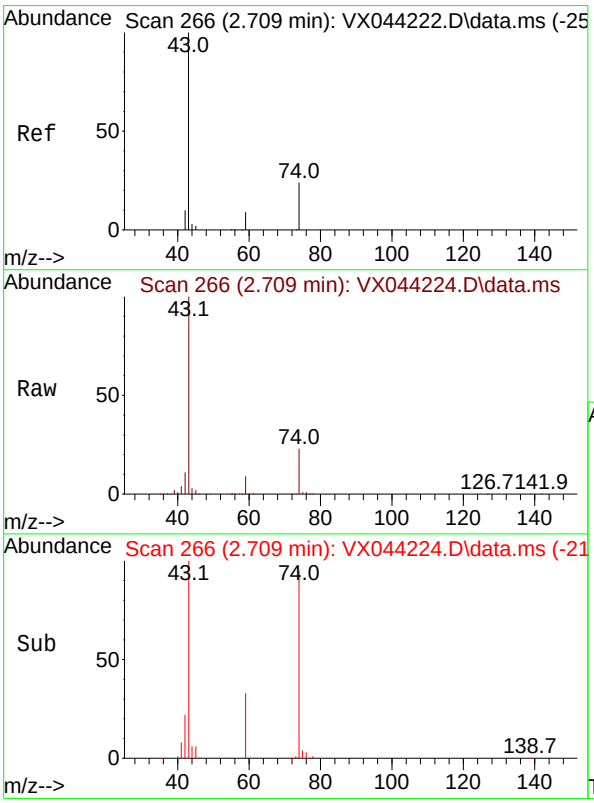
#17
Carbon Disulfide
Concen: 191.754 ug/l
RT: 2.495 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 481926

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.0

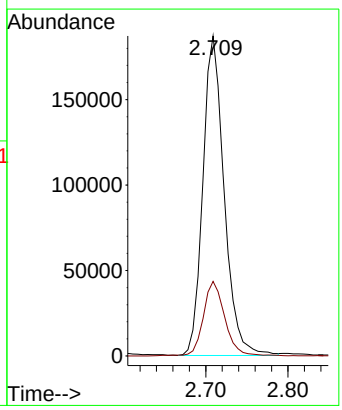


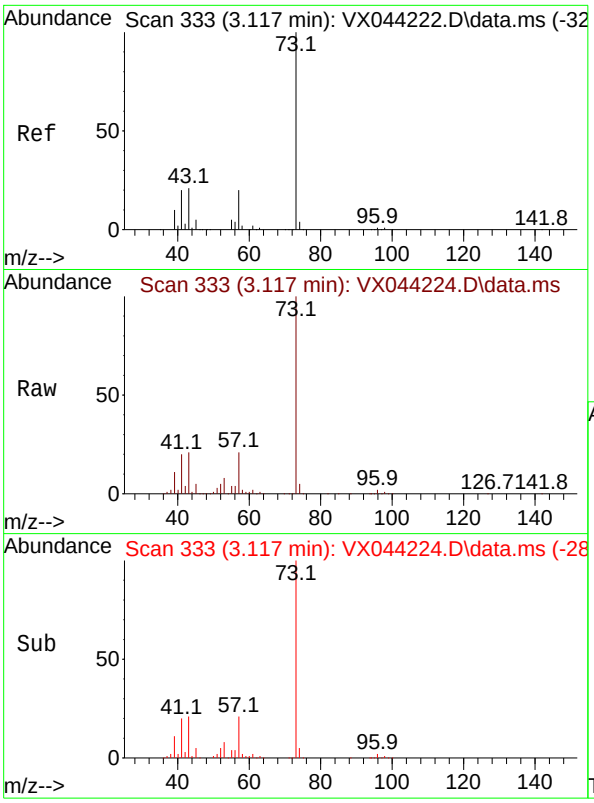


#18
Methyl Acetate
Concen: 154.792 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 43 Resp: 336516

Ion	Ratio	Lower	Upper
43	100		
74	23.7	17.7	26.5



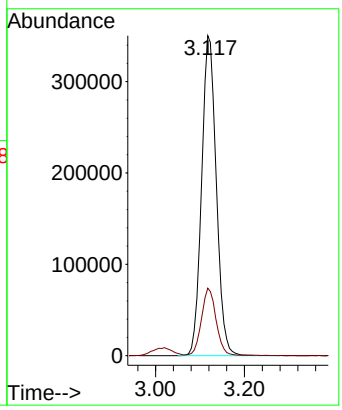


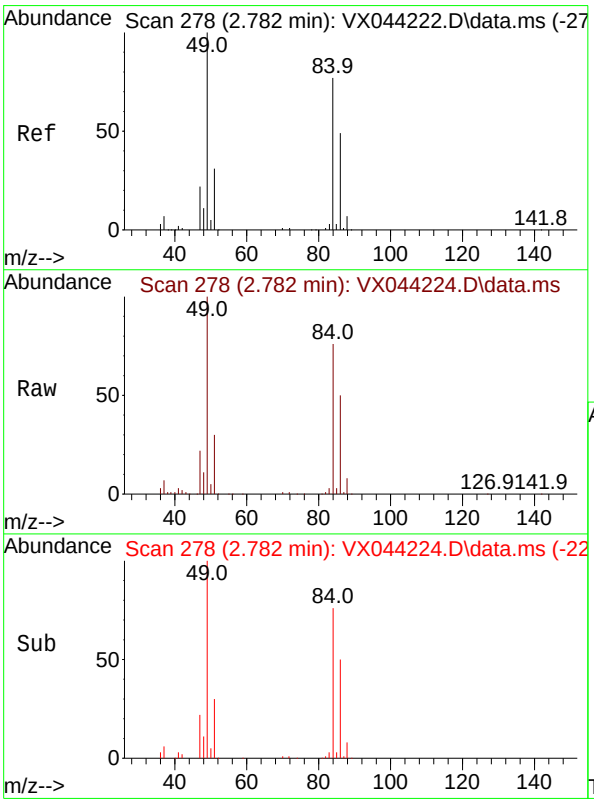
#19
Methyl tert-butyl Ether
Concen: 156.286 ug/l
RT: 3.117 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 73 Resp: 806360

Ion	Ratio	Lower	Upper
73	100		
57	21.1	16.2	24.4

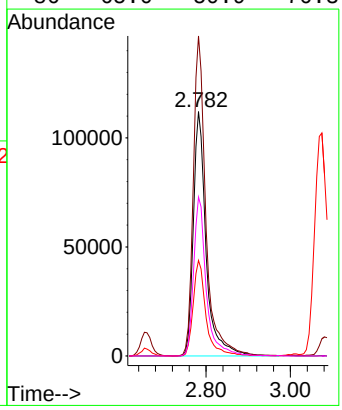


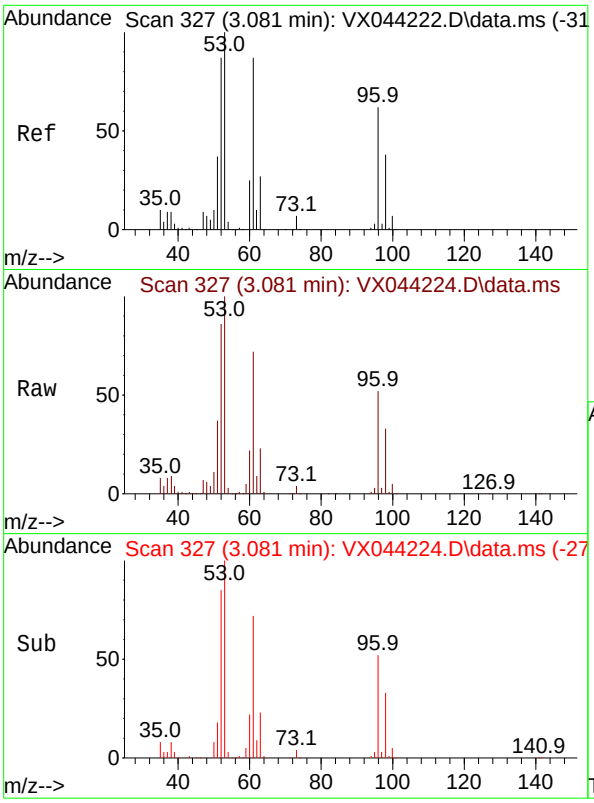


#20
Methylene Chloride
Concen: 149.282 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 84 Resp: 236412

Ion	Ratio	Lower	Upper
84	100		
49	130.9	104.2	156.4
51	39.1	32.2	48.4
86	65.0	50.9	76.3



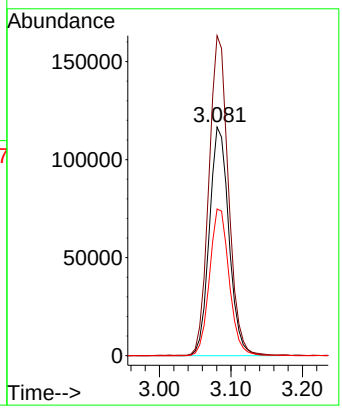


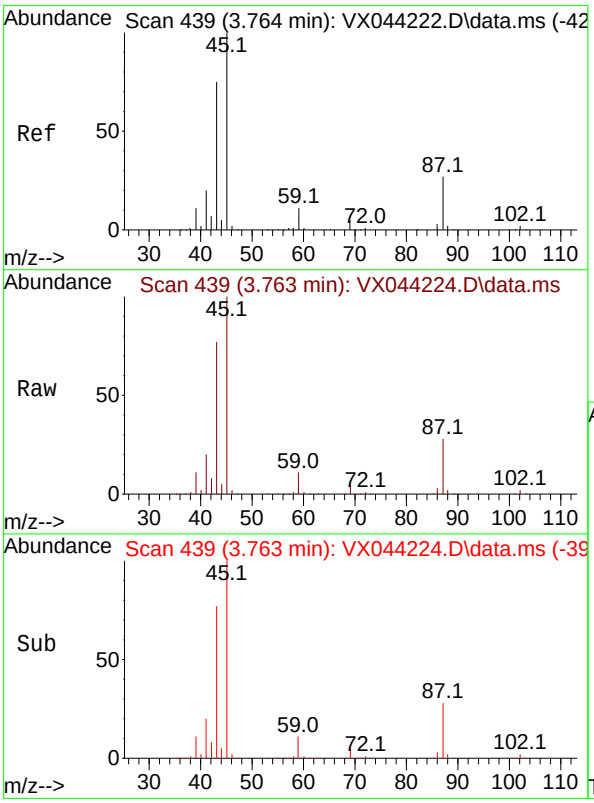
#21
trans-1,2-Dichloroethene
Concen: 157.719 ug/l
RT: 3.081 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 221622

Ion	Ratio	Lower	Upper
96	100		
61	139.7	112.0	168.0
98	64.2	48.8	73.2

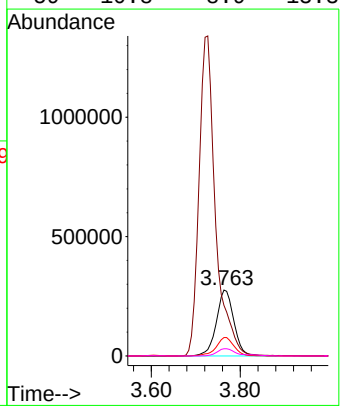


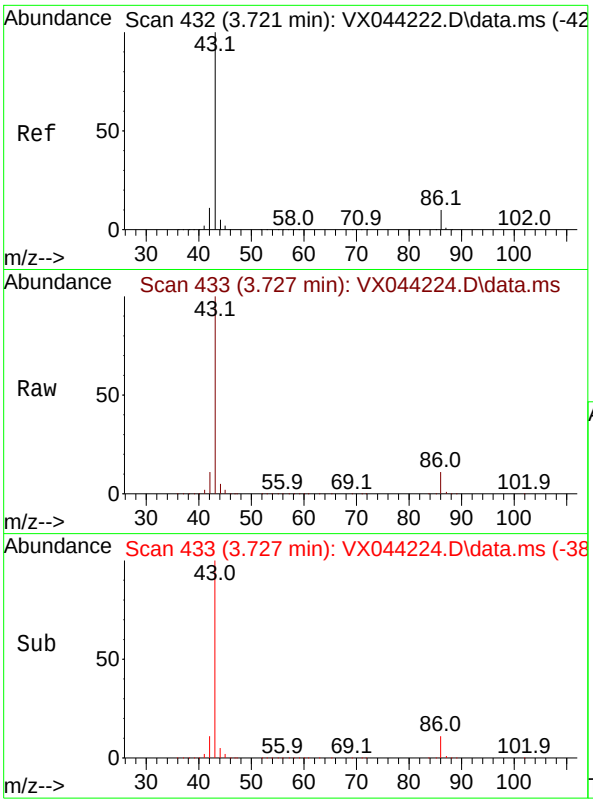


#22
Diisopropyl ether
Concen: 151.500 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 45 Resp: 751292

Ion	Ratio	Lower	Upper
45	100		
43	76.6	60.2	90.2
87	28.0	21.2	31.8
59	10.8	8.9	13.3



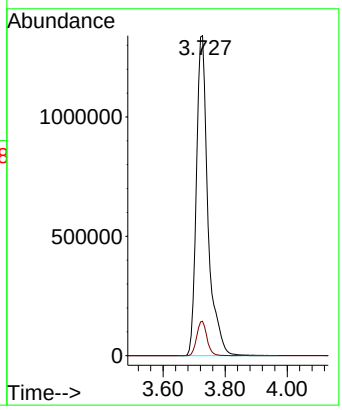


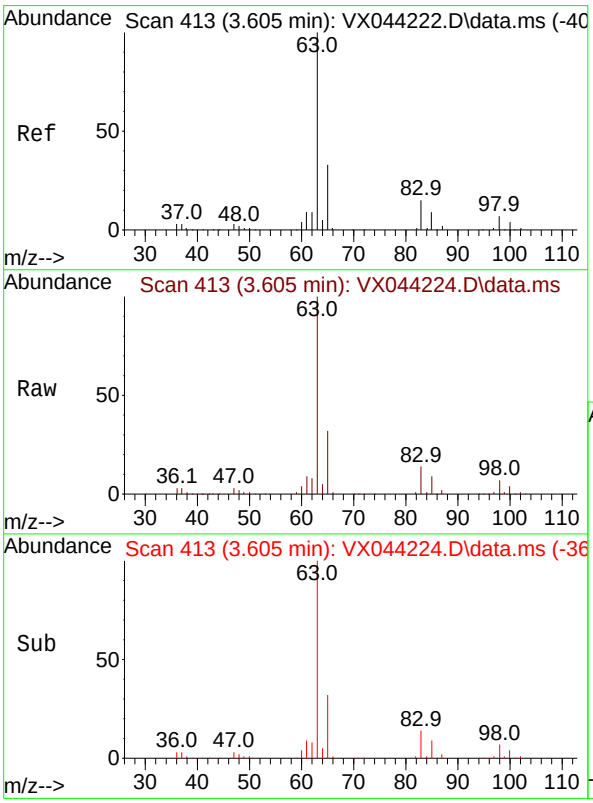
#23
Vinyl Acetate
Concen: 859.417 ug/l
RT: 3.727 min Scan# 4
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 3464902

Ion	Ratio	Lower	Upper
43	100		
86	10.7	8.2	12.2

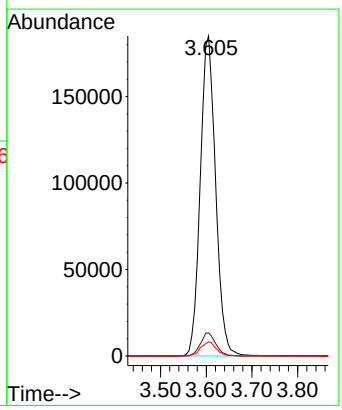


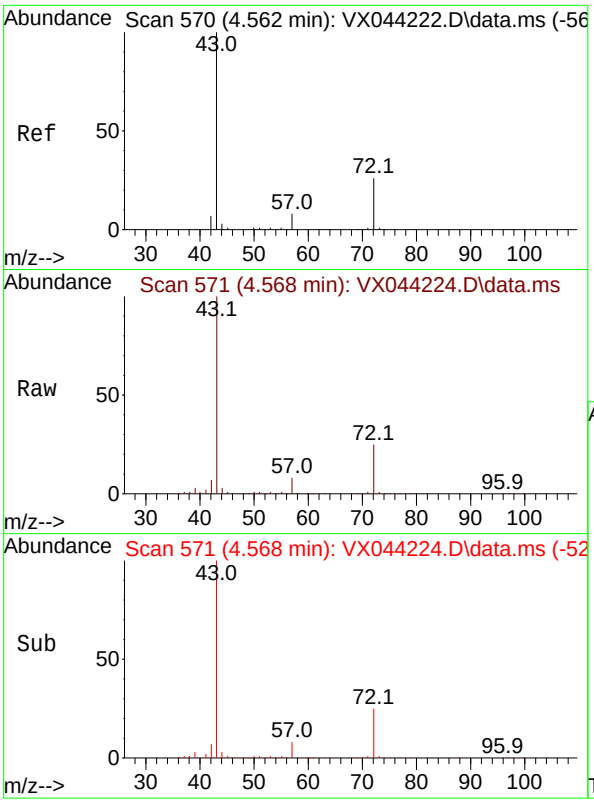


#24
1,1-Dichloroethane
Concen: 155.921 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 63 Resp: 431006

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.6	10.8
100	4.4	2.1	6.3



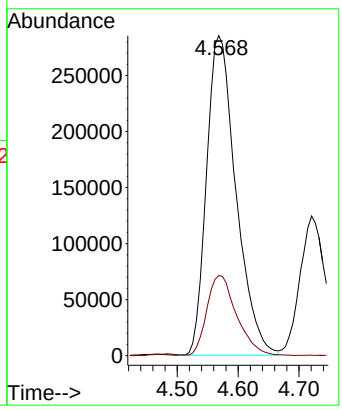


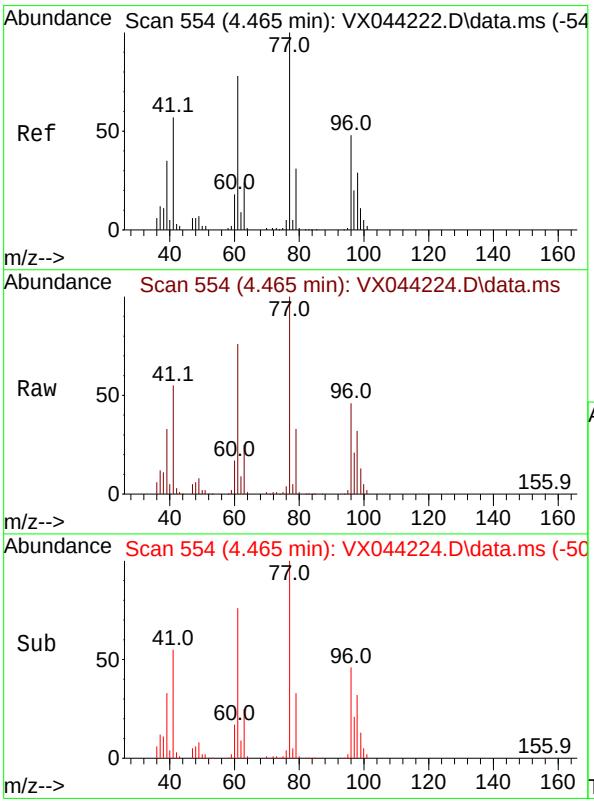
#25
2-Butanone
Concen: 798.973 ug/l
RT: 4.568 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 957709

Ion	Ratio	Lower	Upper
43	100		
72	24.8	20.2	30.4

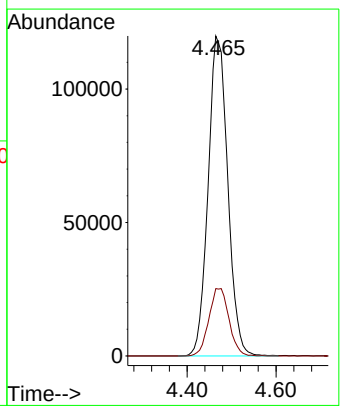


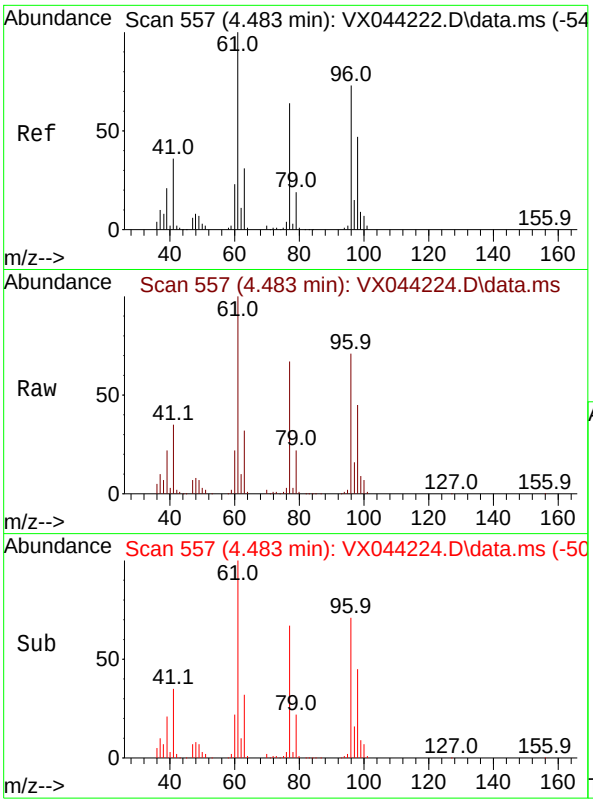


#26
2,2-Dichloropropane
Concen: 163.773 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 77 Resp: 367781

Ion	Ratio	Lower	Upper
77	100		
97	21.6	10.7	32.1



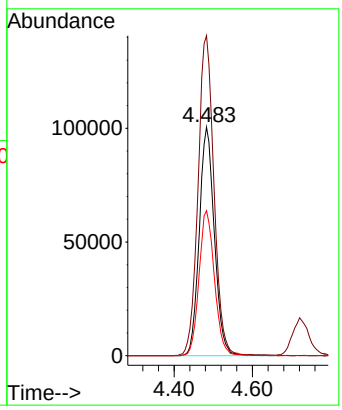


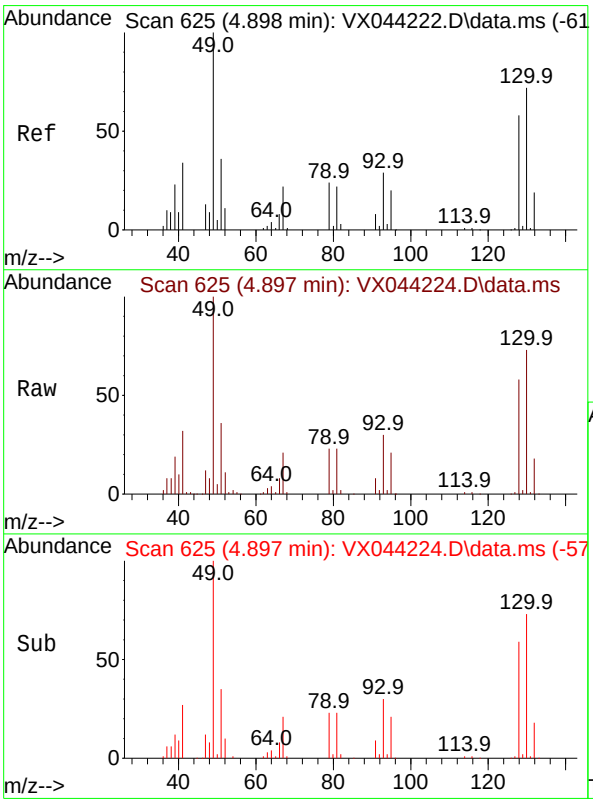
#27
cis-1,2-Dichloroethene
Concen: 151.131 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 269708

Ion	Ratio	Lower	Upper
96	100		
61	147.2	0.0	299.0
98	64.7	0.0	129.0

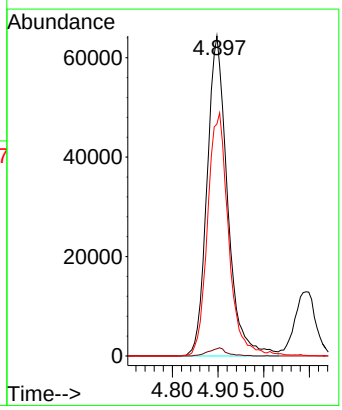


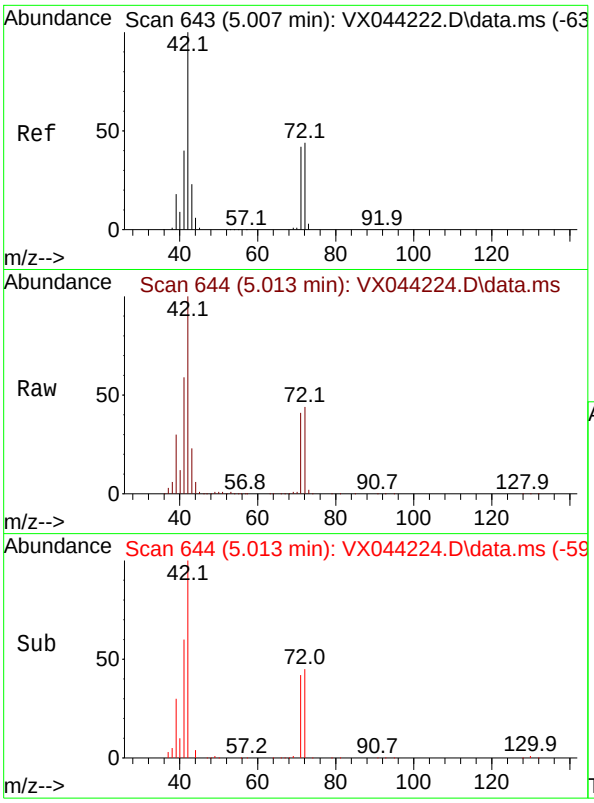


#28
Bromochloromethane
Concen: 148.269 ug/l
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 49 Resp: 200978

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	77.2	62.1	93.1



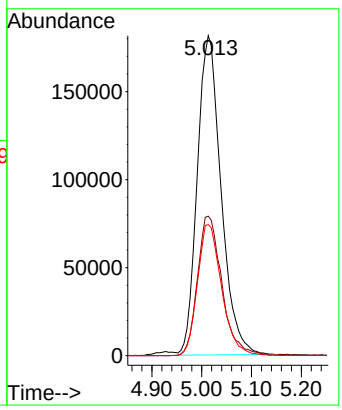


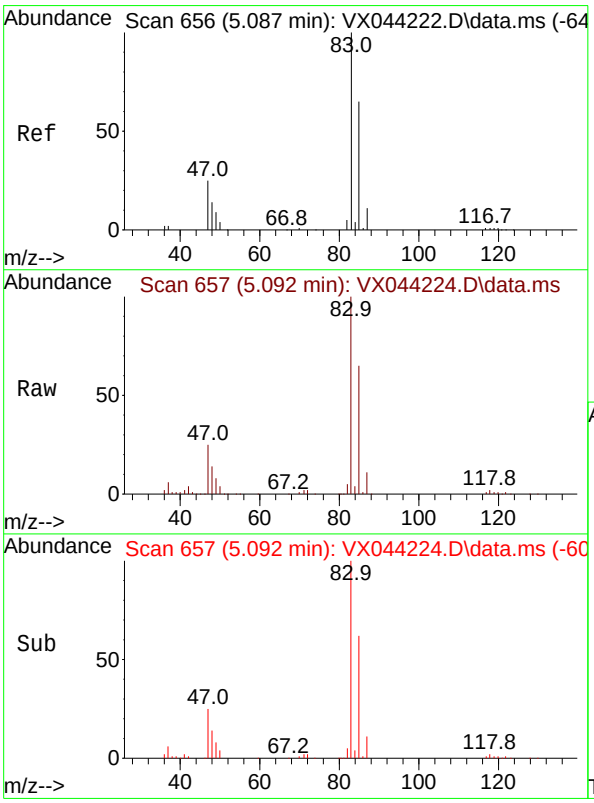
#29
Tetrahydrofuran
Concen: 782.561 ug/l
RT: 5.013 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 42 Resp: 602095

Ion	Ratio	Lower	Upper
42	100		
72	44.8	37.0	55.6
71	41.7	33.6	50.4

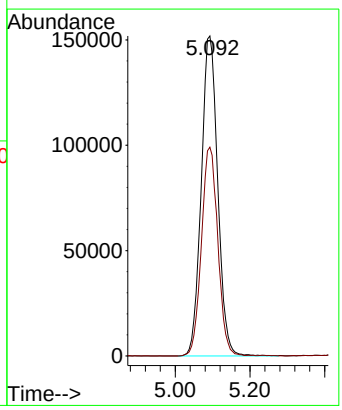


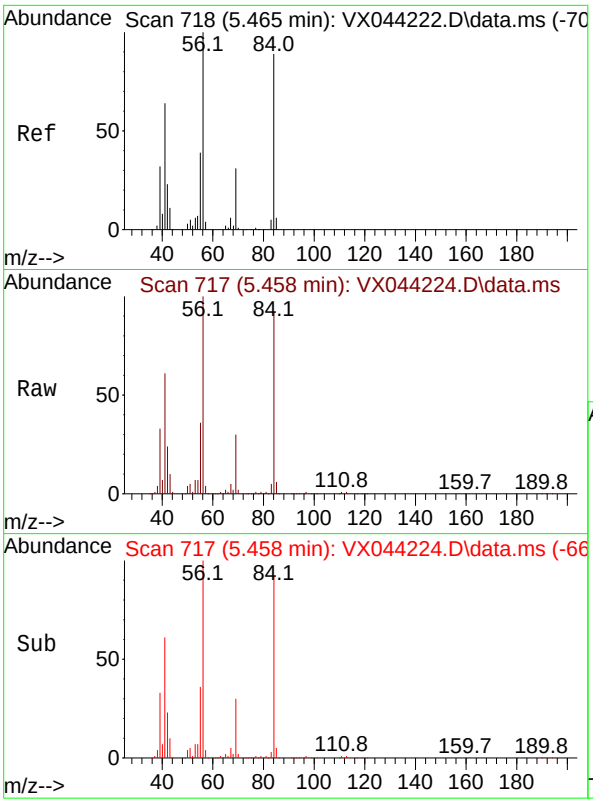


#30
Chloroform
Concen: 149.274 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 83 Resp: 463606

Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.6	77.4



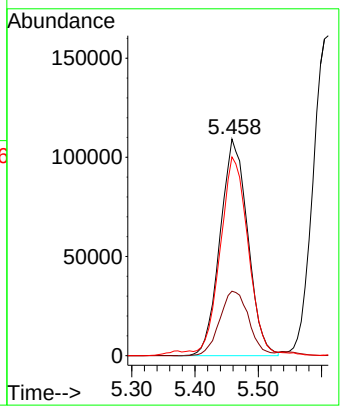


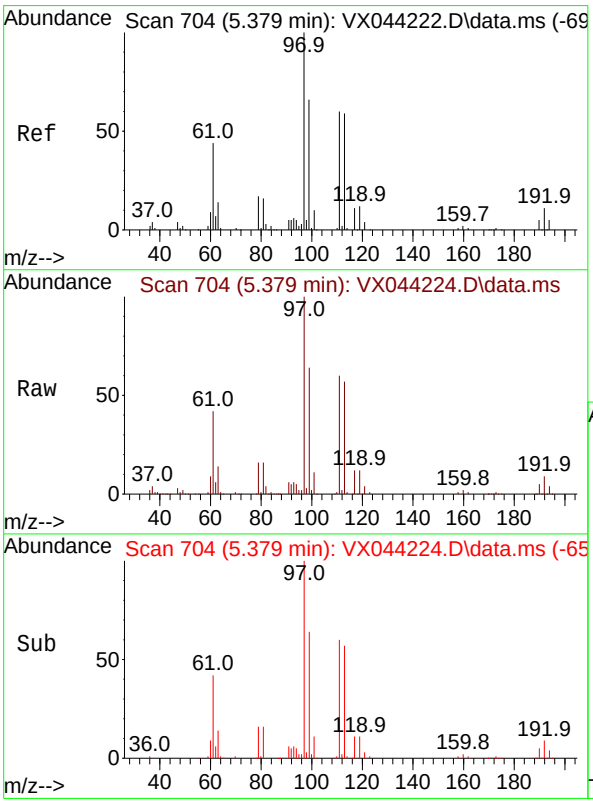
#31
Cyclohexane
Concen: 148.745 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 332026

Ion	Ratio	Lower	Upper
56	100		
69	29.8	24.7	37.1
84	90.1	71.0	106.6

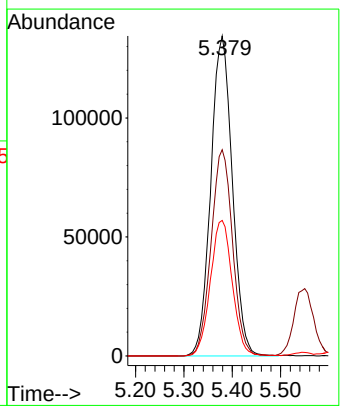


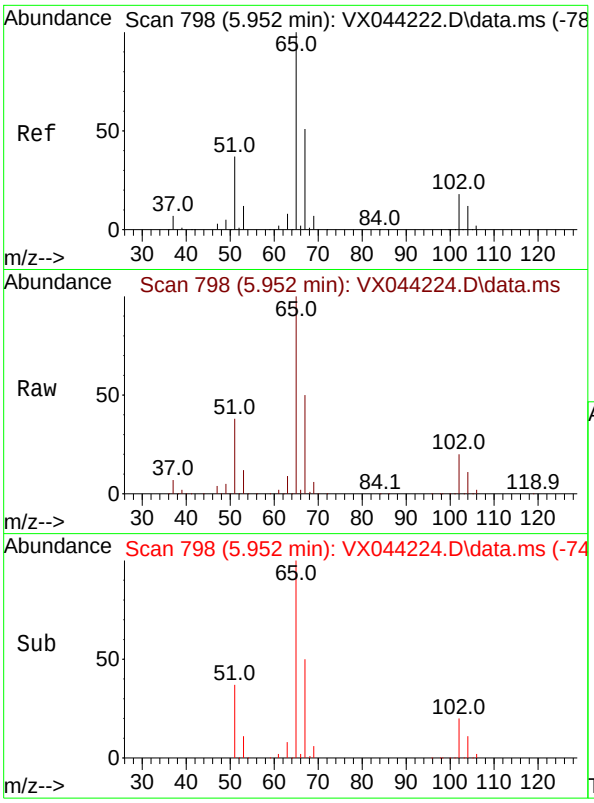


#32
1,1,1-Trichloroethane
Concen: 161.073 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 97 Resp: 415253

Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.8	76.2
61	43.2	35.2	52.8



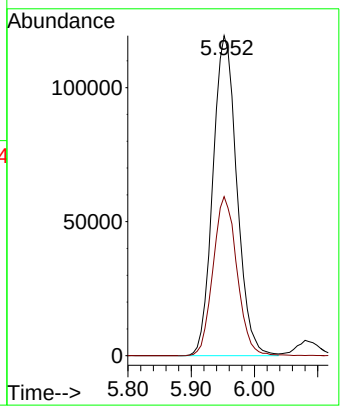


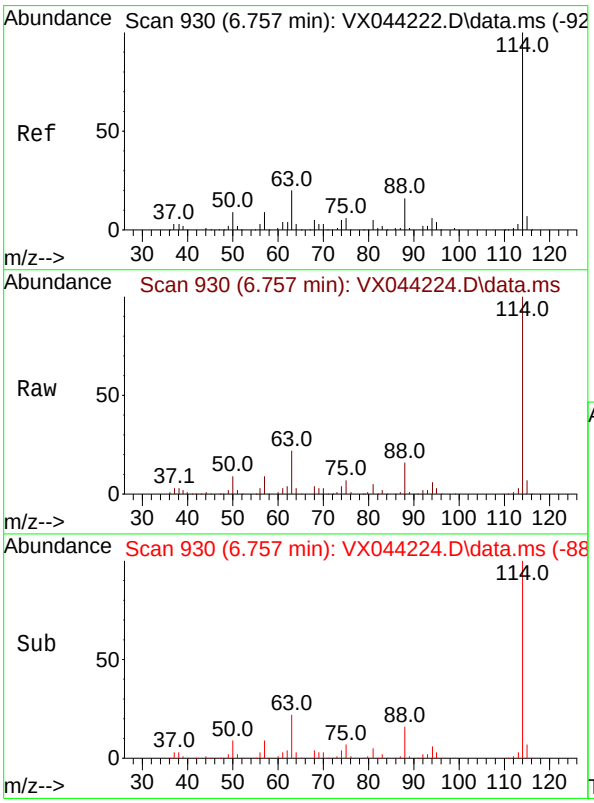
#33
1,2-Dichloroethane-d4
Concen: 151.956 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 65 Resp: 314272

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	101.6

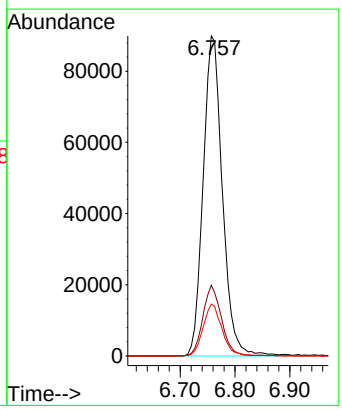


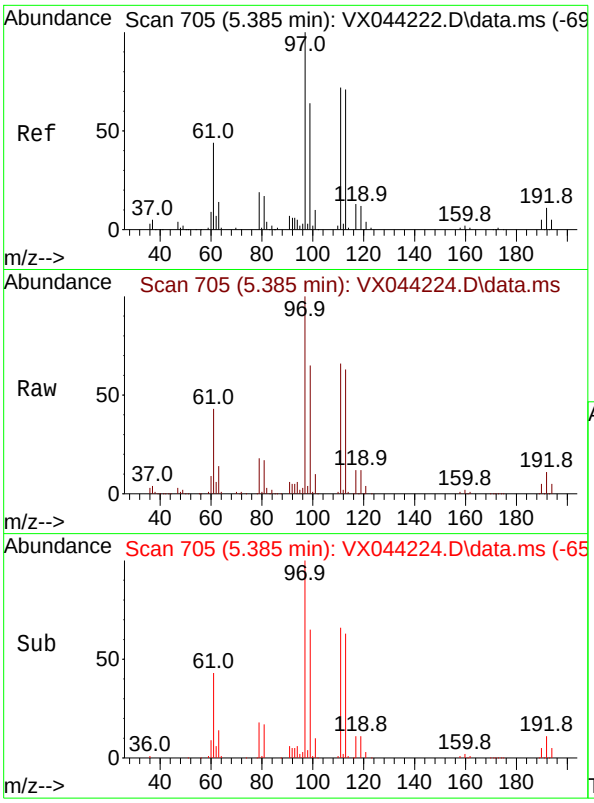


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:114 Resp: 218610

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	40.6
88	16.2	0.0	31.8



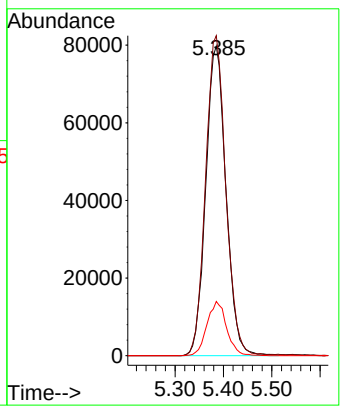


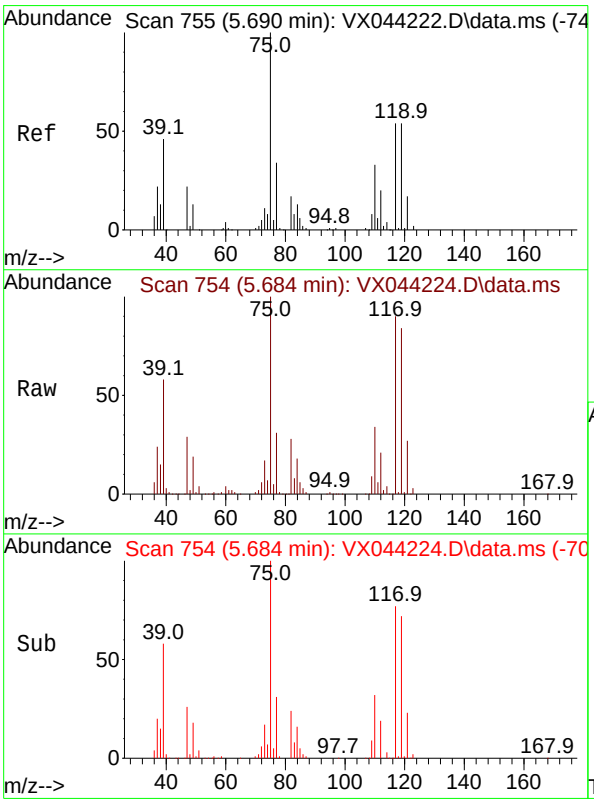
#35
Dibromofluoromethane
Concen: 153.188 ug/l
RT: 5.385 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:113 Resp: 231937

Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.4	120.6
192	17.0	13.3	19.9

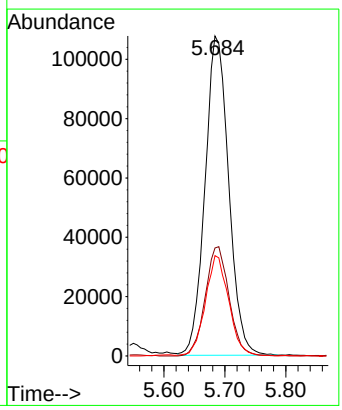


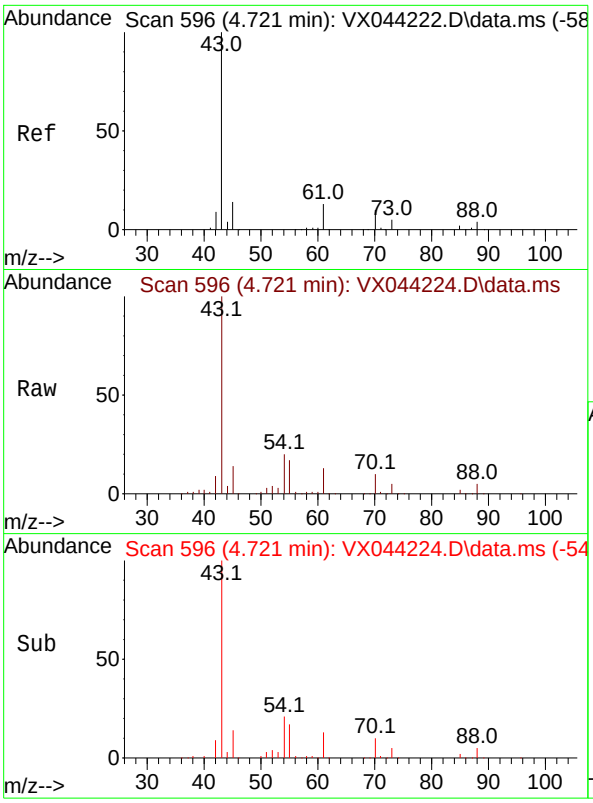


#36
1,1-Dichloropropene
Concen: 148.642 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 75 Resp: 290913

Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.3	51.7
77	31.1	25.4	38.0



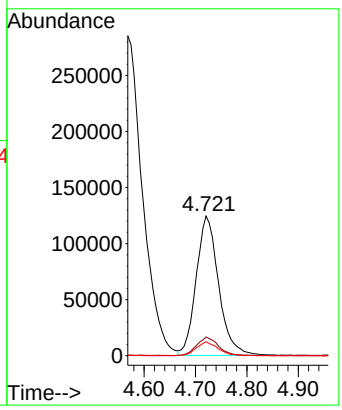


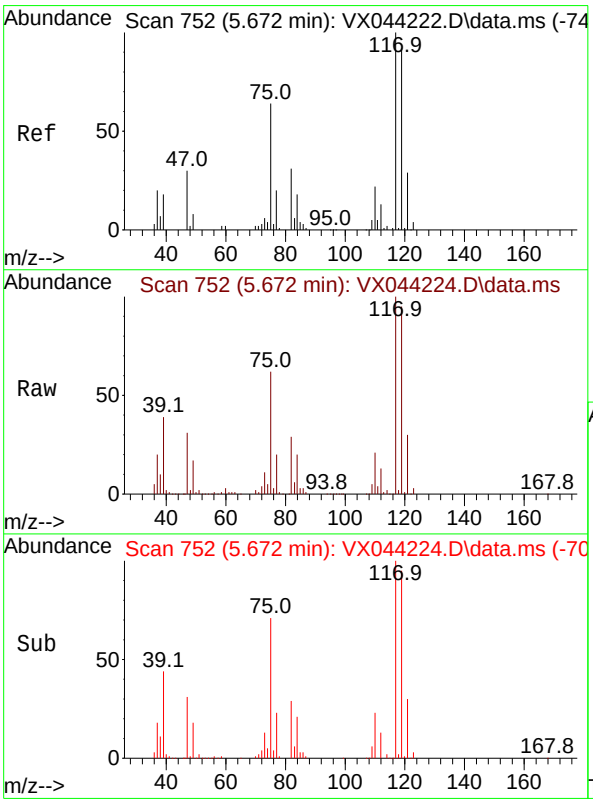
#37
Ethyl Acetate
Concen: 155.731 ug/l
RT: 4.721 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 376757

Ion	Ratio	Lower	Upper
43	100		
61	13.2	9.8	14.8
70	9.6	7.7	11.5

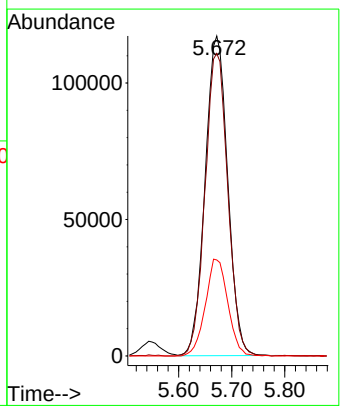


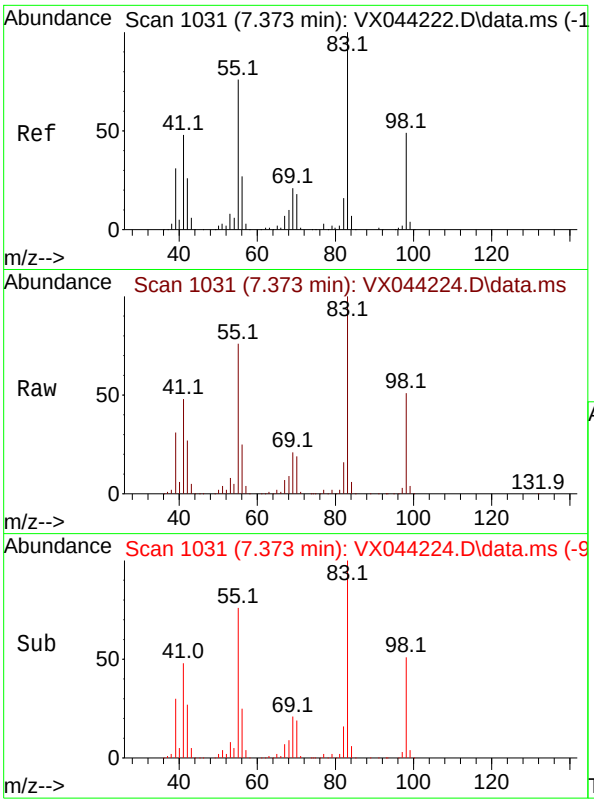


#38
Carbon Tetrachloride
Concen: 164.587 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:117 Resp: 346795

Ion	Ratio	Lower	Upper
117	100		
119	94.6	74.2	111.4
121	30.1	23.0	34.6



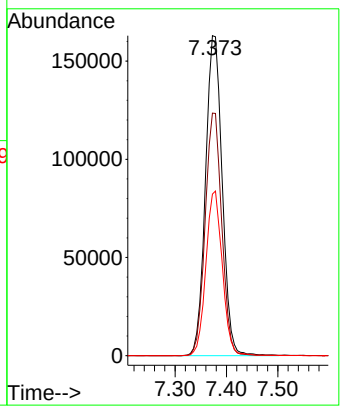


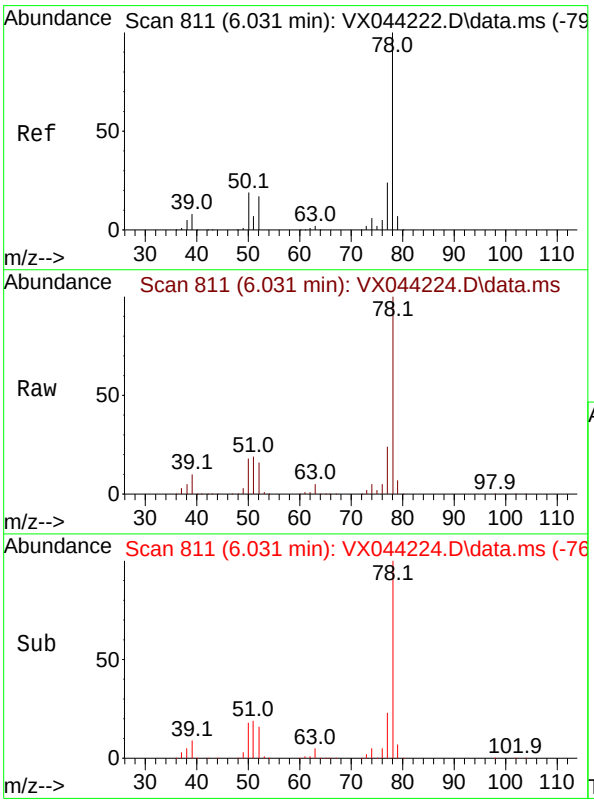
#39
Methylcyclohexane
Concen: 157.516 ug/l
RT: 7.373 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 368542

Ion	Ratio	Lower	Upper
83	100		
55	75.8	60.7	91.1
98	50.5	38.9	58.3

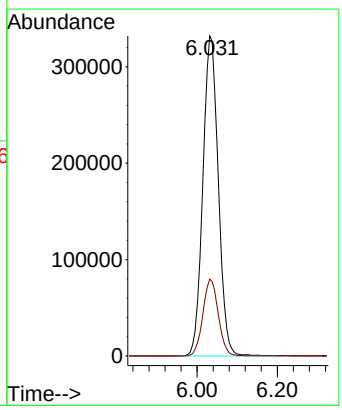


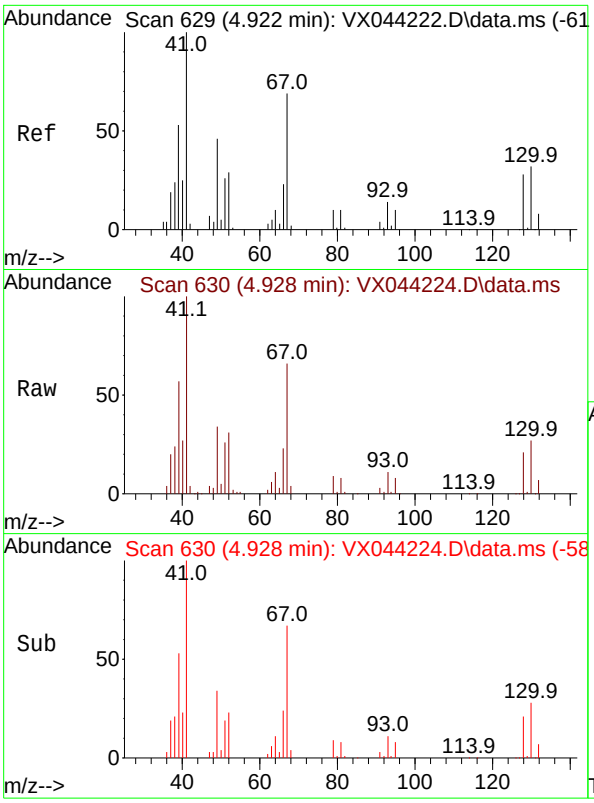


#40
Benzene
Concen: 149.340 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 78 Resp: 887413

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.3	28.9



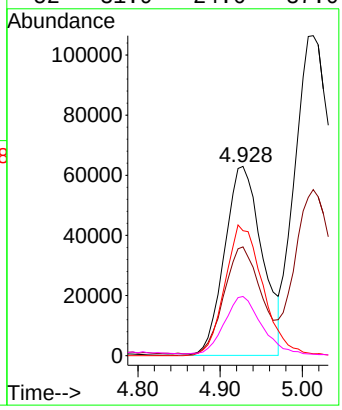


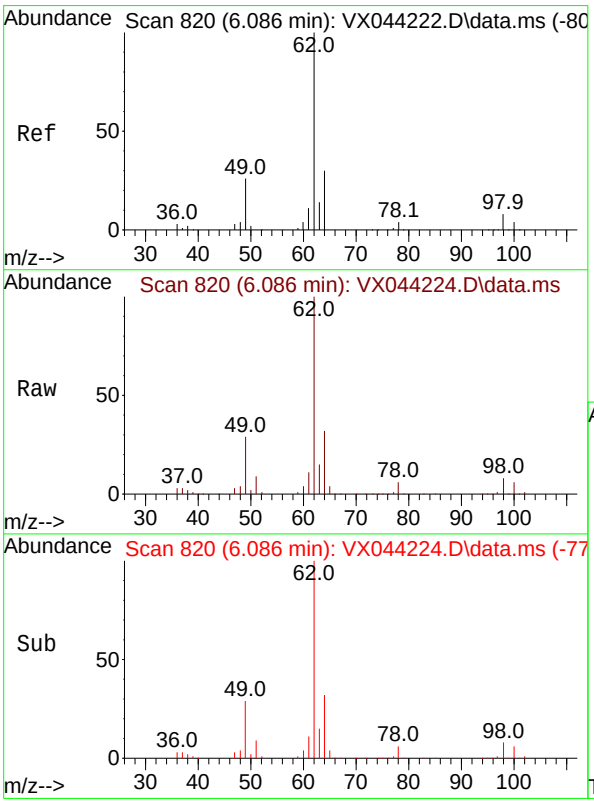
#41
Methacrylonitrile
Concen: 155.569 ug/l
RT: 4.928 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 41 Resp: 199851

Ion	Ratio	Lower	Upper
41	100		
39	54.5	44.2	66.4
67	70.2	57.2	85.8
52	31.9	24.6	37.0

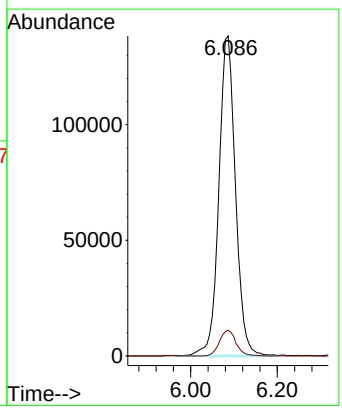


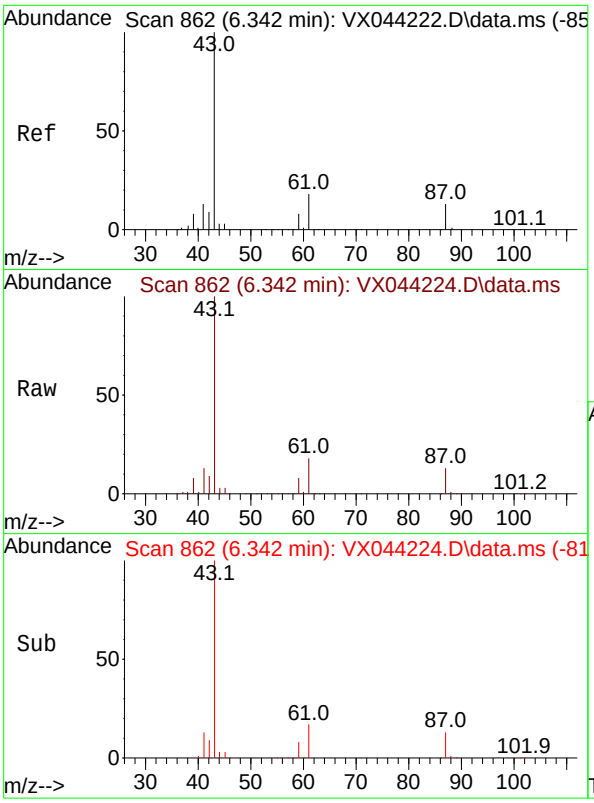


#42
1,2-Dichloroethane
Concen: 151.105 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 62 Resp: 369874

Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	15.8



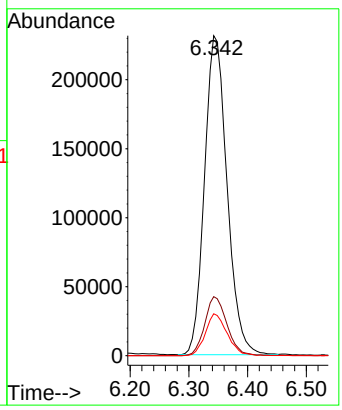


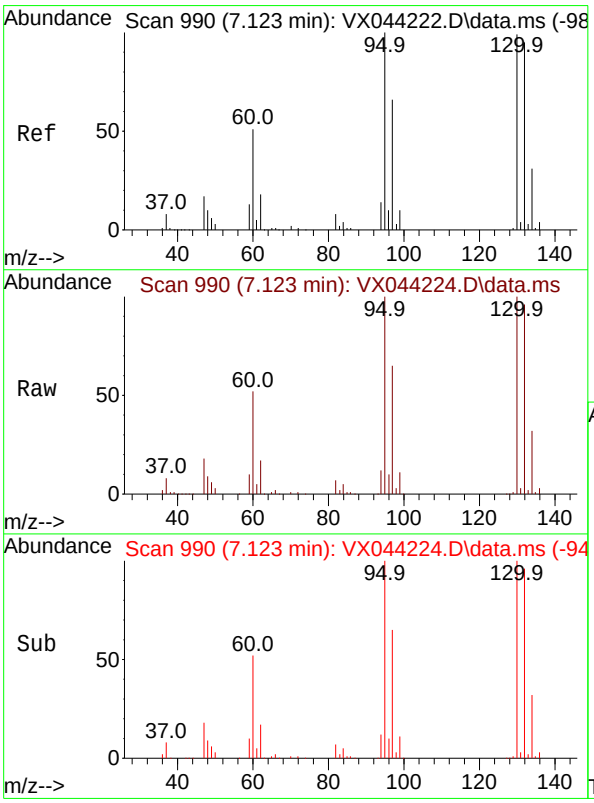
#43
Isopropyl Acetate
Concen: 163.200 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 617107

Ion	Ratio	Lower	Upper
43	100		
61	18.2	14.2	21.2
87	12.8	10.2	15.2

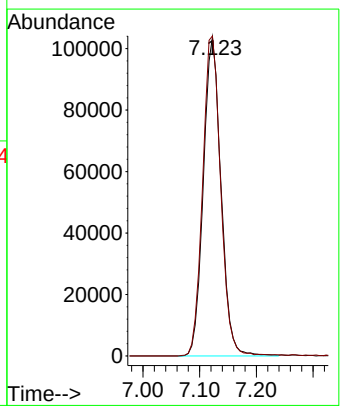


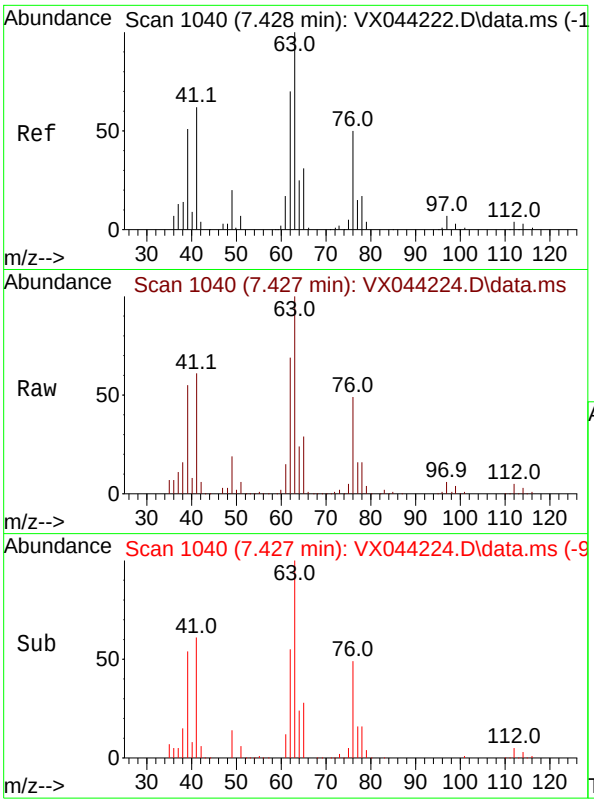


#44
Trichloroethene
Concen: 151.275 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:130 Resp: 224164

Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	201.4



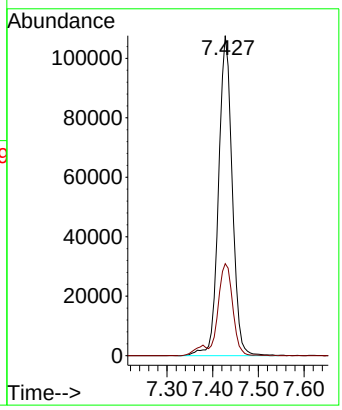


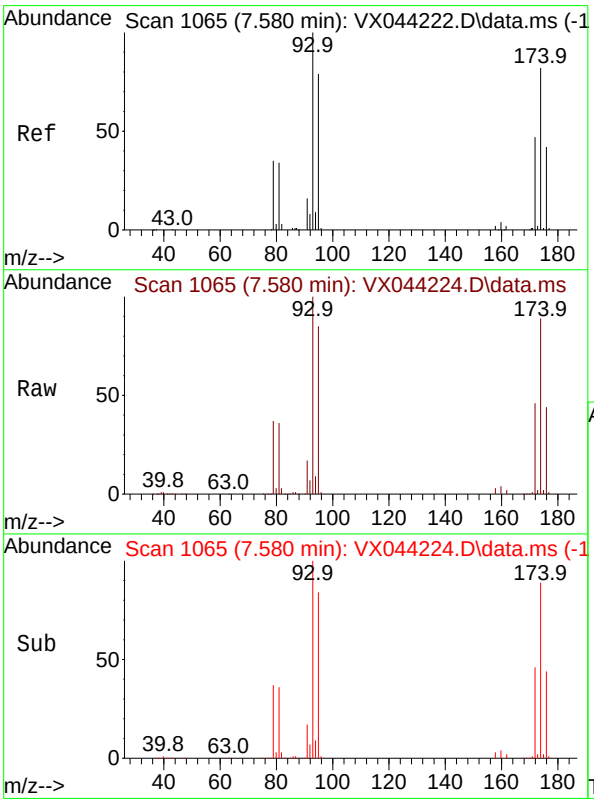
#45
1,2-Dichloropropane
Concen: 147.697 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 224224

Ion	Ratio	Lower	Upper
63	100		
65	28.8	24.6	37.0

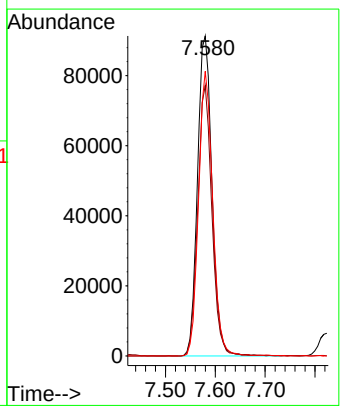


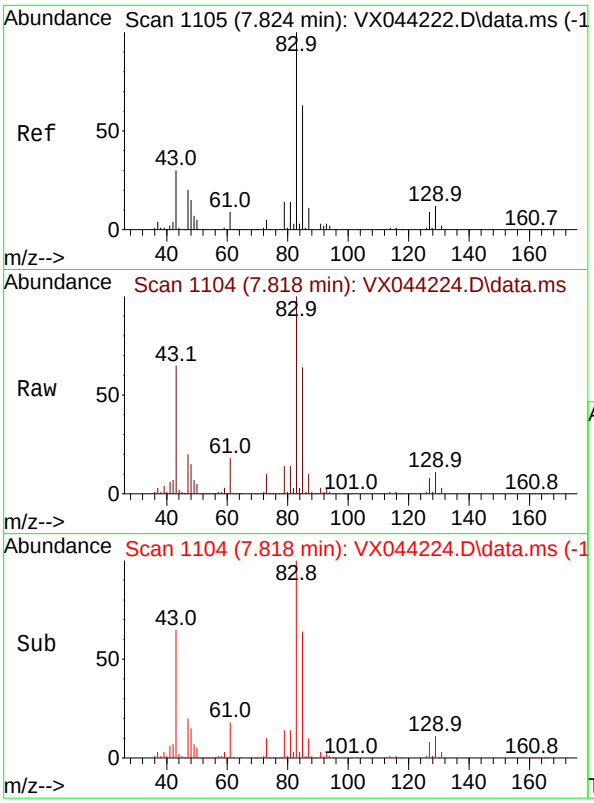


#46
Dibromomethane
Concen: 156.728 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 93 Resp: 184590

Ion	Ratio	Lower	Upper
93	100		
95	82.4	65.4	98.2
174	86.7	67.9	101.9



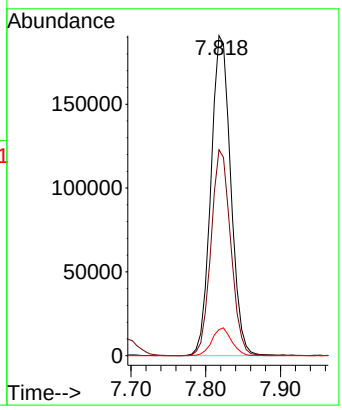


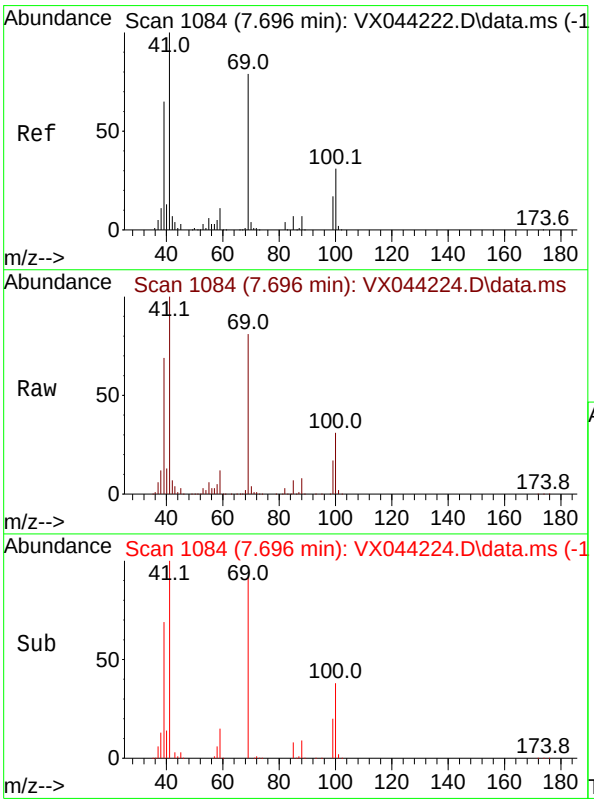
#47
Bromodichloromethane
Concen: 173.496 ug/l
RT: 7.818 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 352904

Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.6	75.8
127	8.1	7.3	10.9

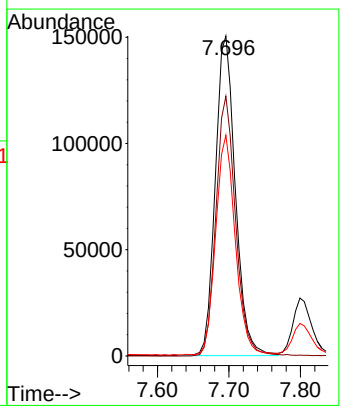


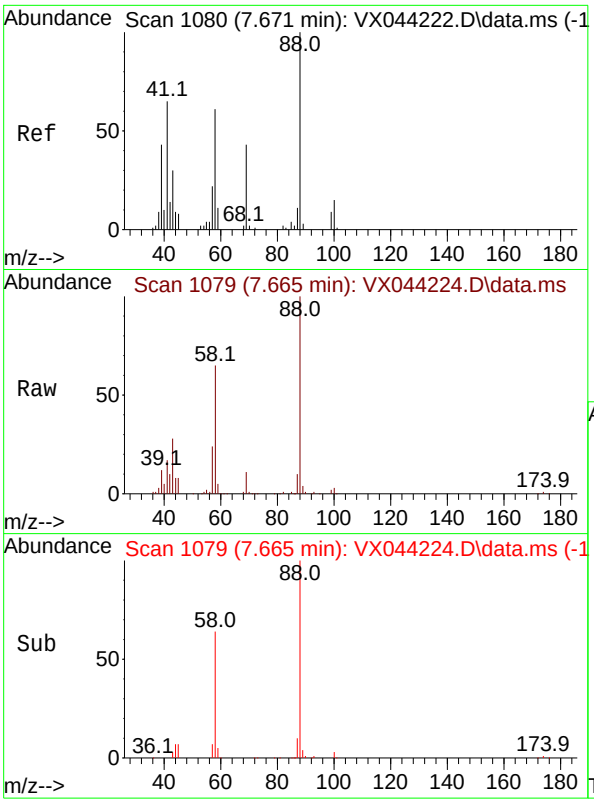


#48
Methyl methacrylate
Concen: 159.567 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 41 Resp: 292890

Ion	Ratio	Lower	Upper
41	100		
69	80.0	62.4	93.6
39	67.8	53.3	79.9



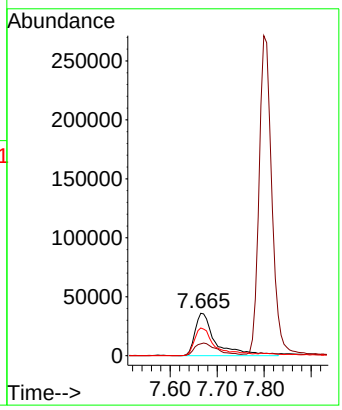


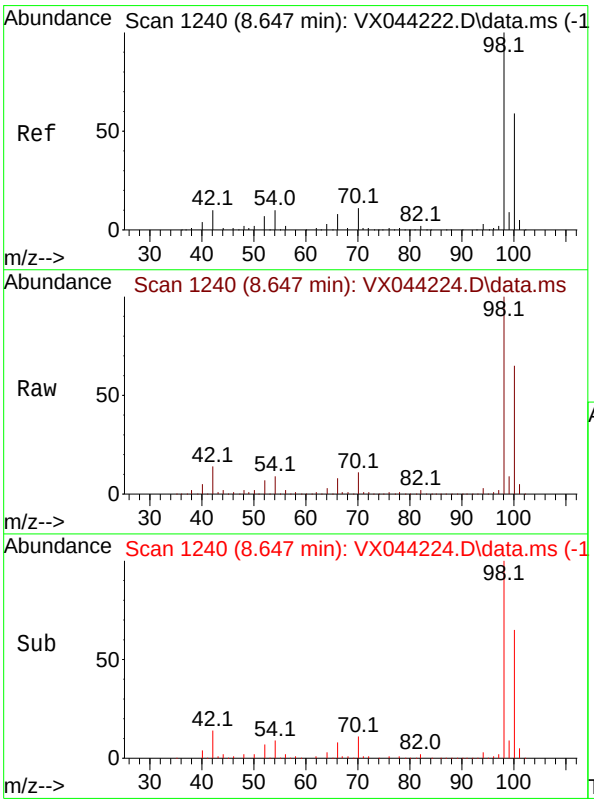
#49
1,4-Dioxane
Concen: 3539.235 ug/l
RT: 7.665 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 88 Resp: 111023

Ion	Ratio	Lower	Upper
88	100		
43	32.0	27.1	40.7
58	63.3	41.0	61.4#

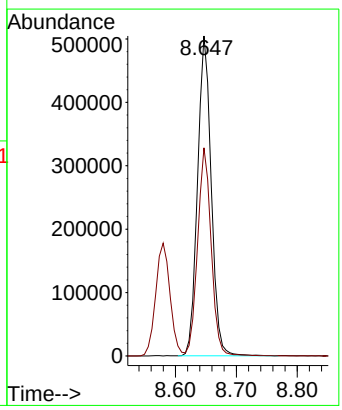


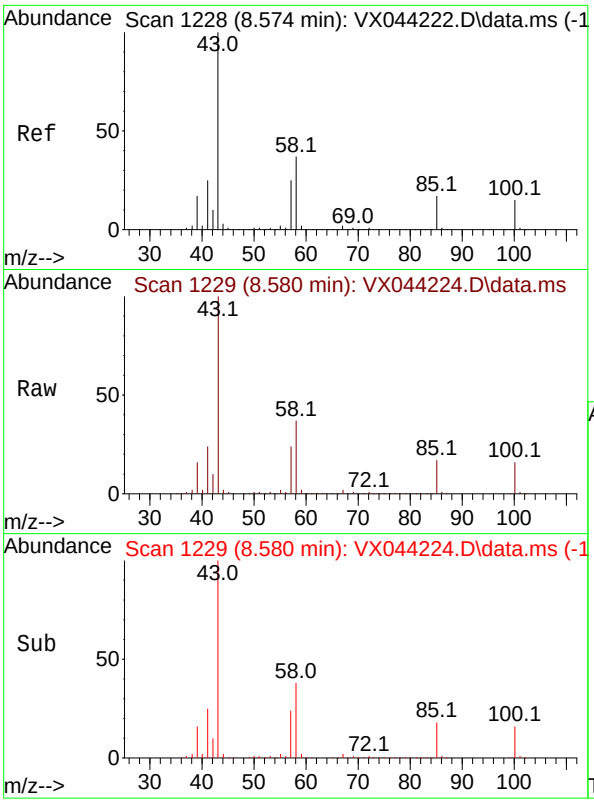


#50
Toluene-d8
Concen: 154.438 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 98 Resp: 788876

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.5	77.3



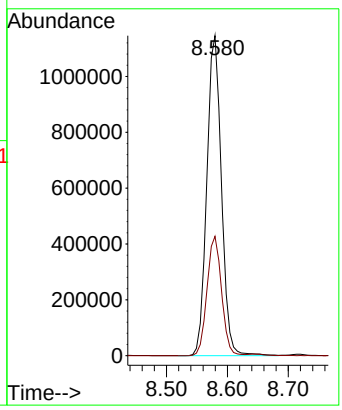


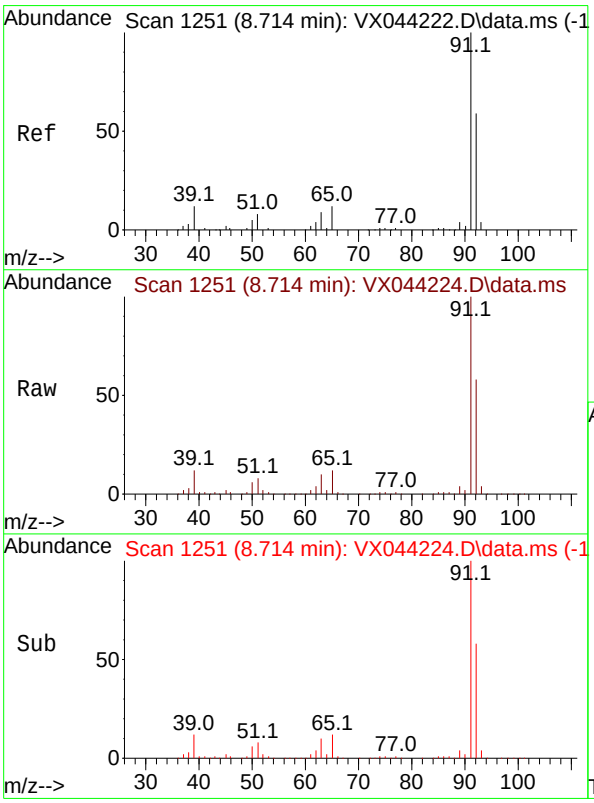
#51
4-Methyl-2-Pentanone
Concen: 784.573 ug/l
RT: 8.580 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1907523

Ion	Ratio	Lower	Upper
43	100		
58	37.1	29.4	44.0

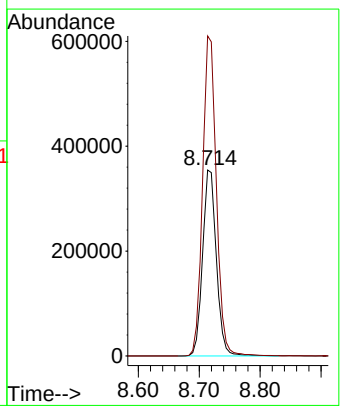


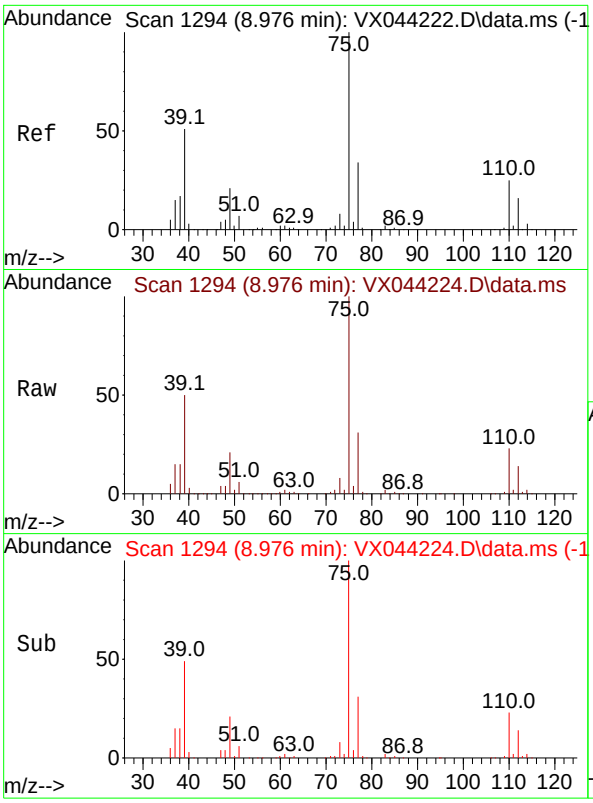


#52
Toluene
Concen: 149.294 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 92 Resp: 557102

Ion	Ratio	Lower	Upper
92	100		
91	172.4	137.0	205.6



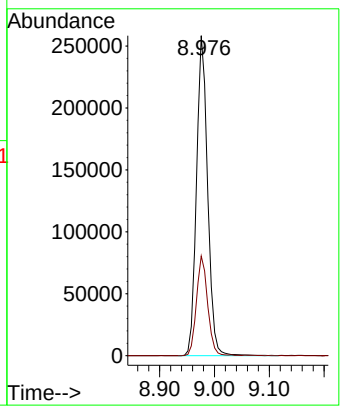


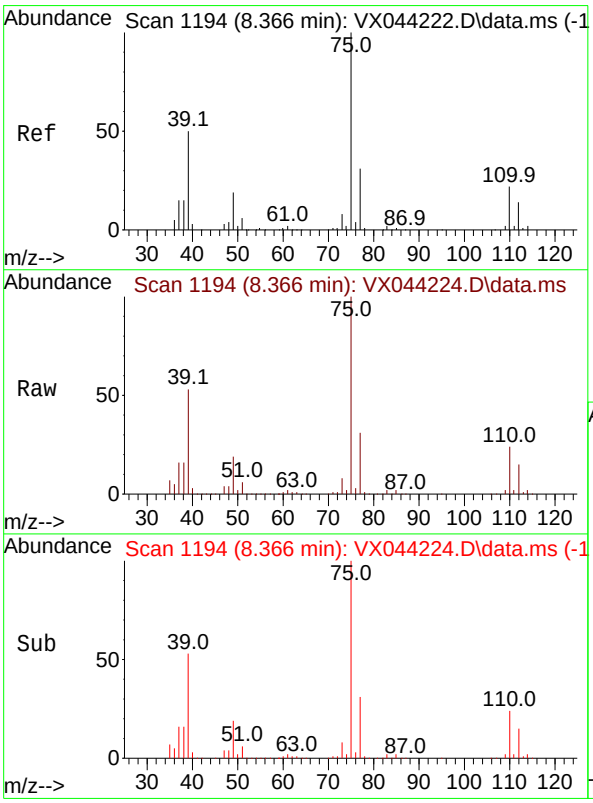
#53
t-1,3-Dichloropropene
Concen: 150.167 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 366275

Ion	Ratio	Lower	Upper
75	100		
77	31.1	27.2	40.8

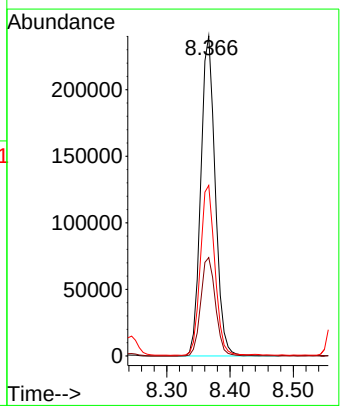


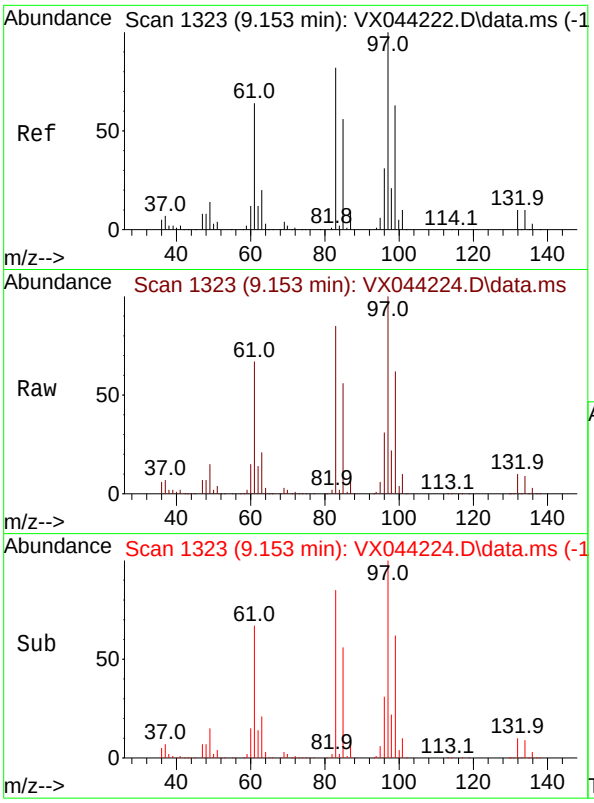


#54
cis-1,3-Dichloropropene
Concen: 172.581 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 75 Resp: 382226

Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.7	37.1
39	53.1	40.3	60.5



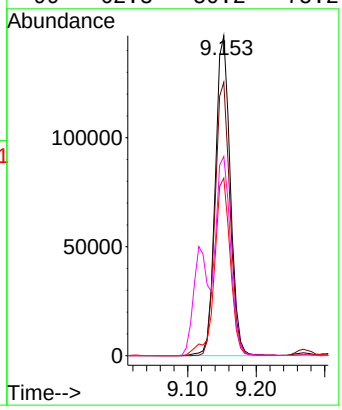


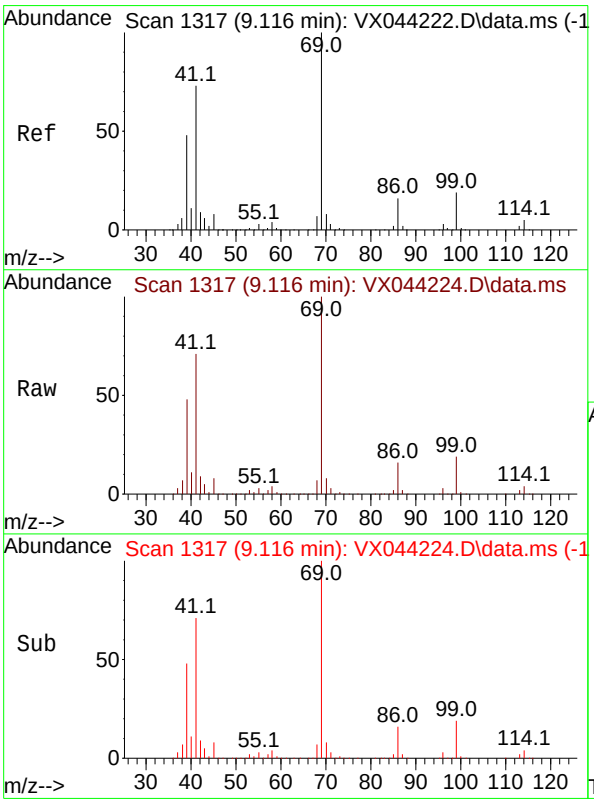
#55
1,1,2-Trichloroethane
Concen: 150.202 ug/l
RT: 9.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 97 Resp: 222665

Ion	Ratio	Lower	Upper
97	100		
83	85.5	65.3	97.9
85	55.5	44.6	67.0
99	62.3	50.2	75.2

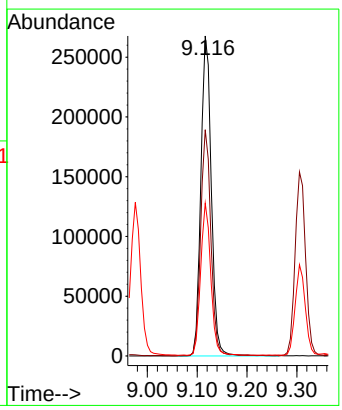


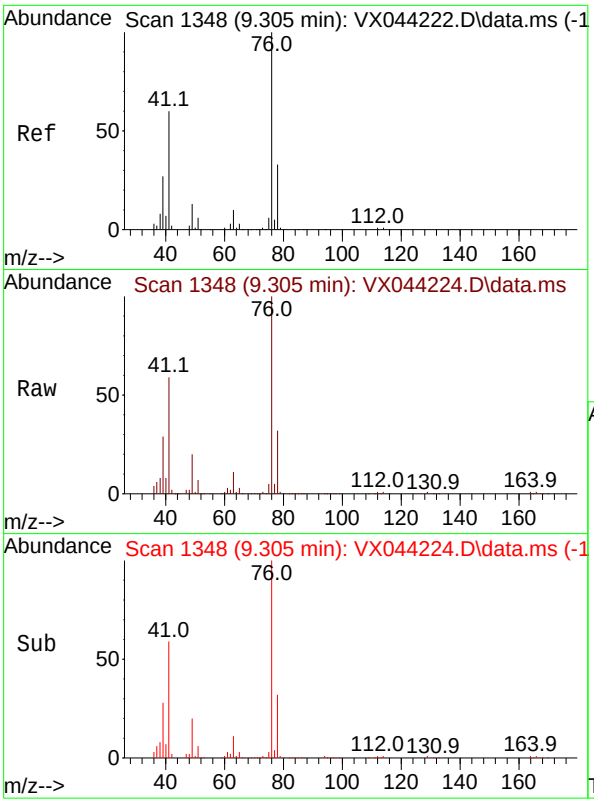


#56
Ethyl methacrylate
Concen: 166.289 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 69 Resp: 389165

Ion	Ratio	Lower	Upper
69	100		
41	69.4	56.6	85.0
39	46.2	37.4	56.0



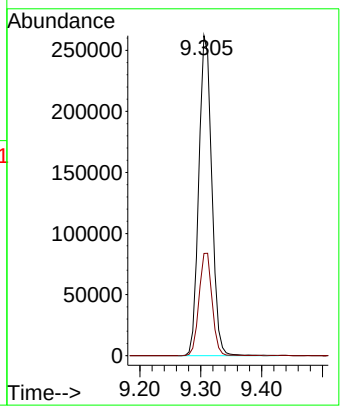


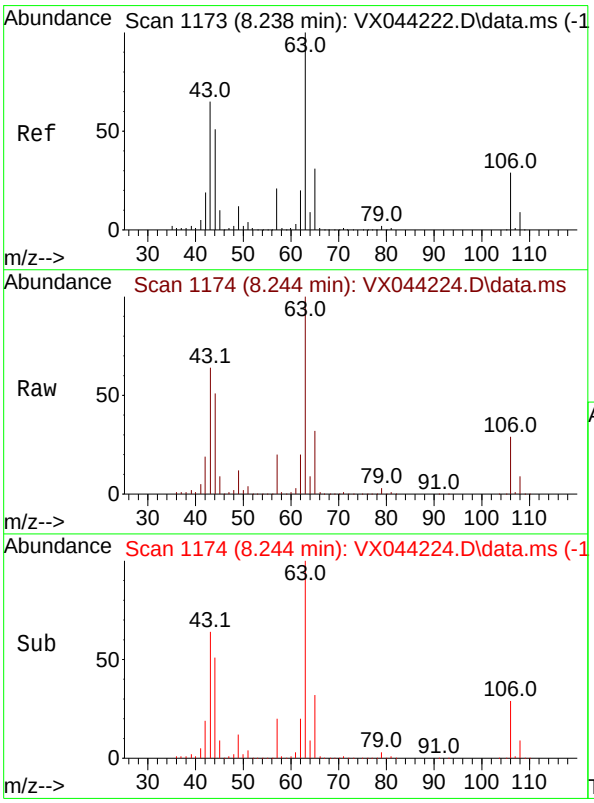
#57
1,3-Dichloropropane
Concen: 150.014 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 387086

Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.5	39.7

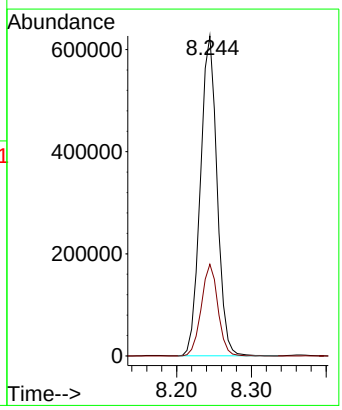


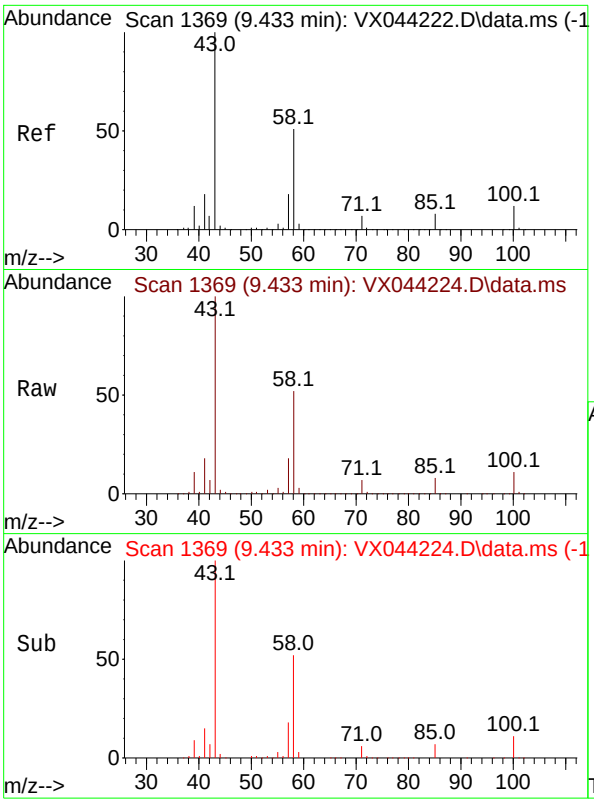


#58
2-Chloroethyl Vinyl ether
Concen: 822.575 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 63 Resp: 970949

Ion	Ratio	Lower	Upper
63	100		
106	28.5	22.8	34.2



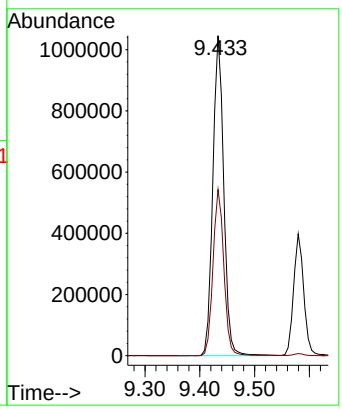


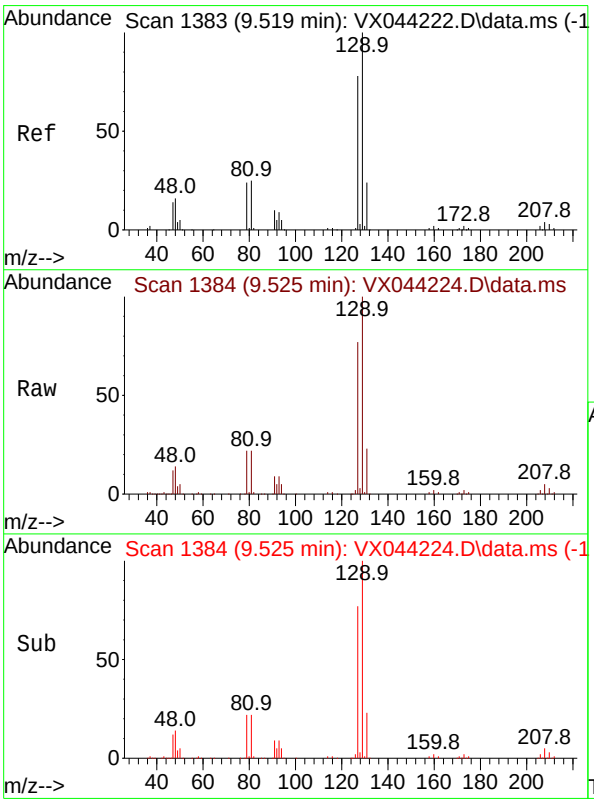
#59
2-Hexanone
Concen: 816.161 ug/l
RT: 9.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1436300

Ion	Ratio	Lower	Upper
43	100		
58	52.0	25.7	77.0

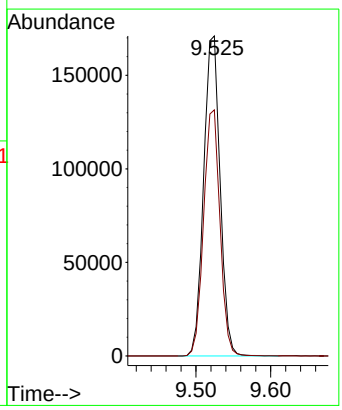


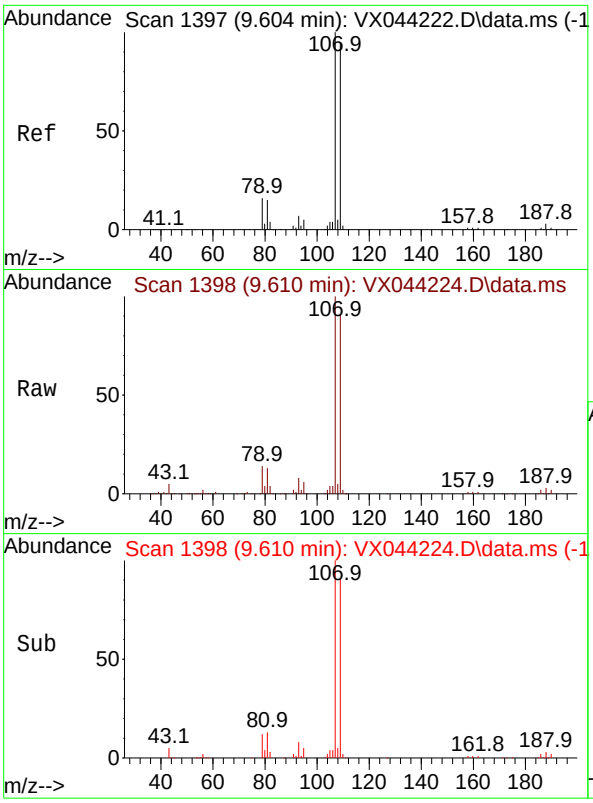


#60
Dibromochloromethane
Concen: 150.105 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:129 Resp: 261253

Ion	Ratio	Lower	Upper
129	100		
127	76.5	38.5	115.3



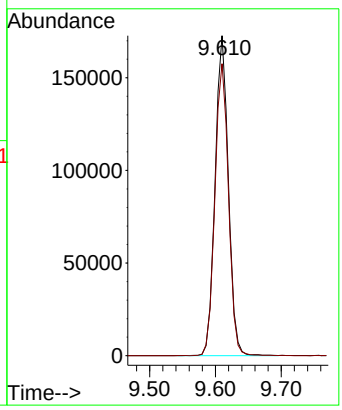


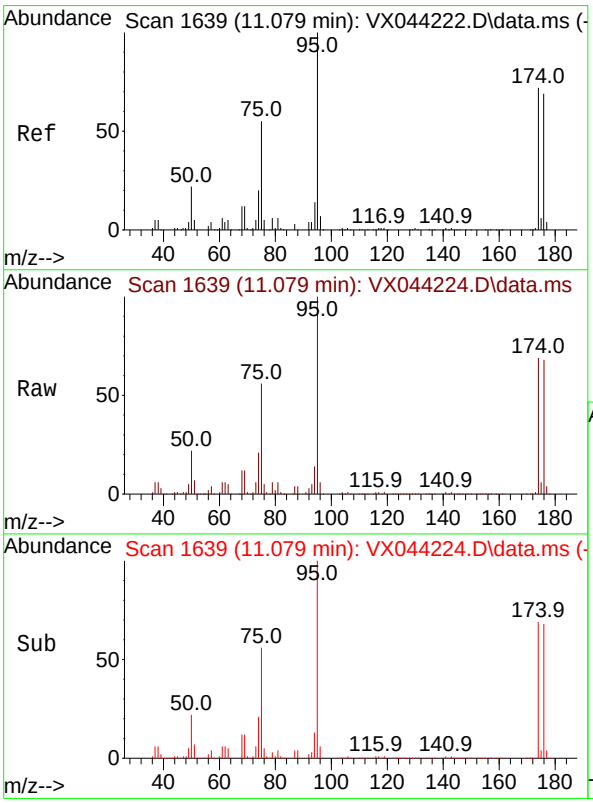
#61
1,2-Dibromoethane
Concen: 160.674 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:107 Resp: 242451

Ion	Ratio	Lower	Upper
107	100		
109	93.4	77.0	115.4

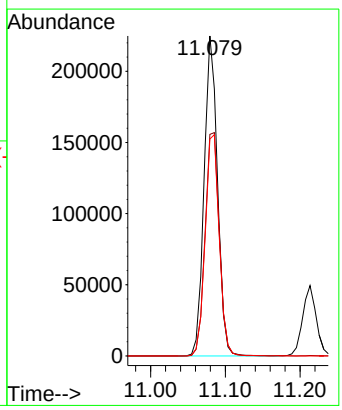


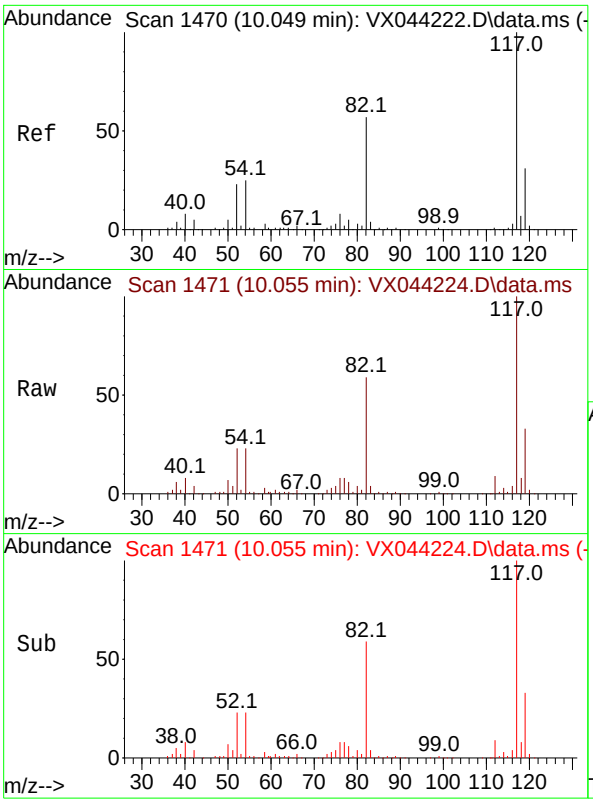


#62
4-Bromofluorobenzene
Concen: 156.709 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 95 Resp: 279706

Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	145.8
176	72.6	0.0	137.8



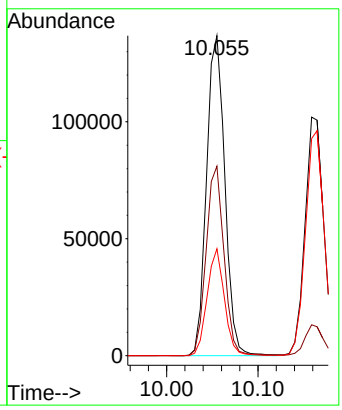


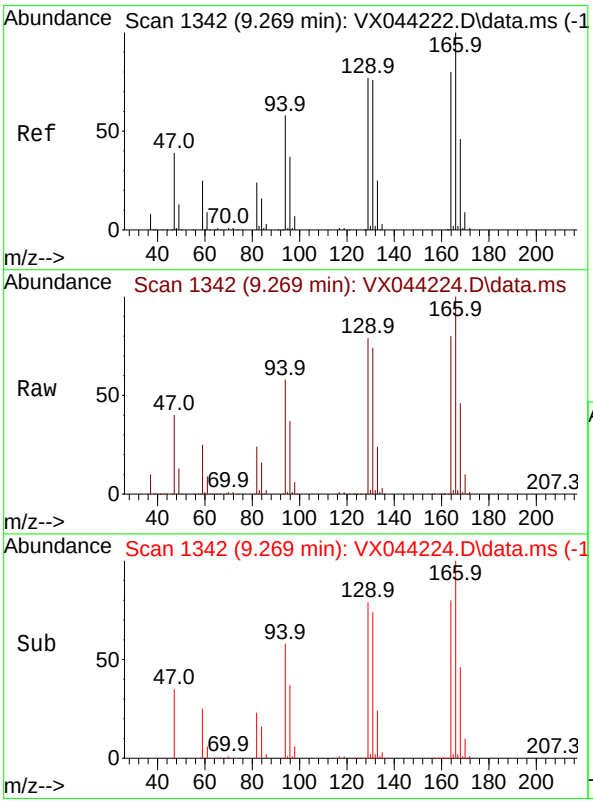
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:117 Resp: 190013

Ion	Ratio	Lower	Upper
117	100		
82	59.2	45.8	68.8
119	33.4	25.0	37.4

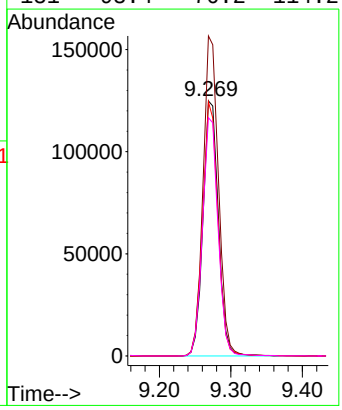


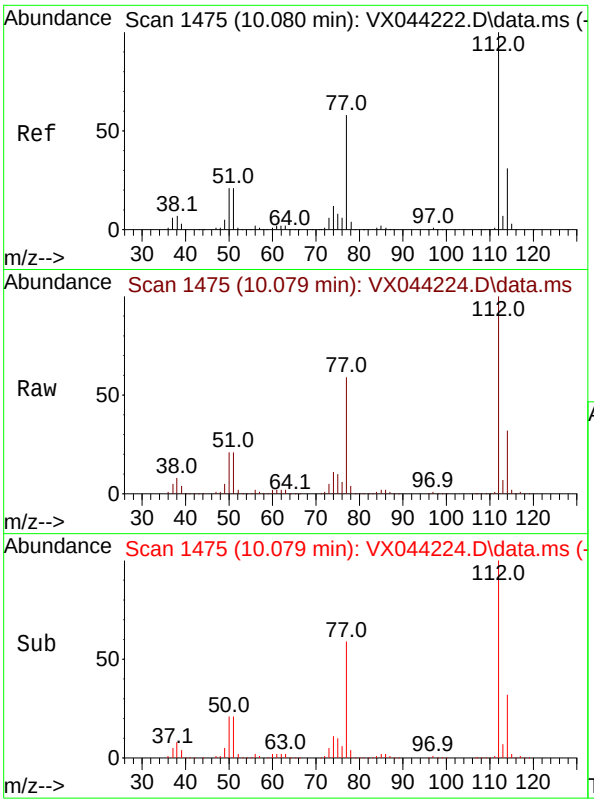


#64
Tetrachloroethene
Concen: 147.836 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:164 Resp: 186443

Ion	Ratio	Lower	Upper
164	100		
166	125.5	100.4	150.6
129	99.7	77.2	115.8
131	93.4	76.2	114.2



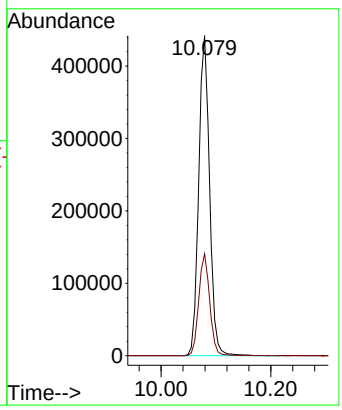


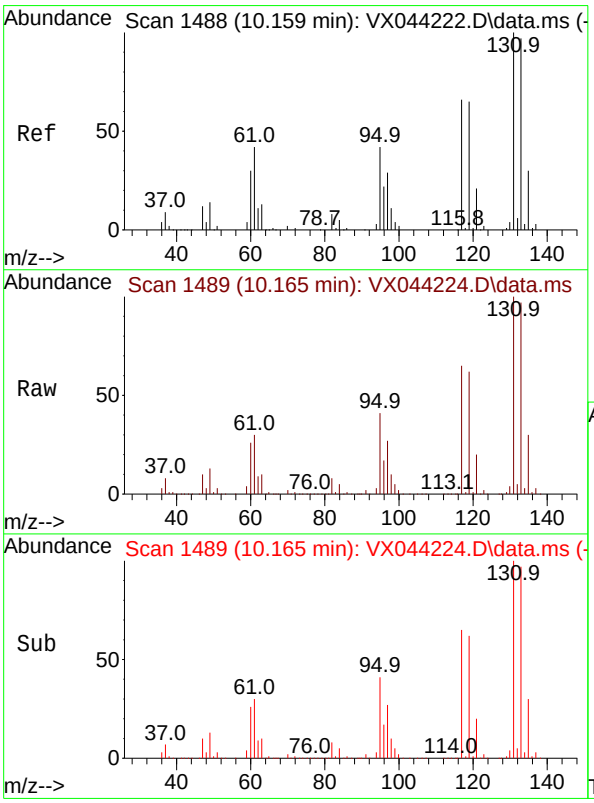
#65
Chlorobenzene
Concen: 149.428 ug/l
RT: 10.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:112 Resp: 608404

Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.0	37.6

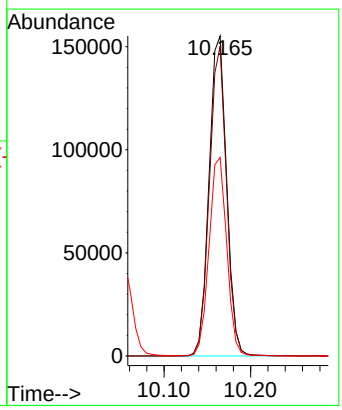


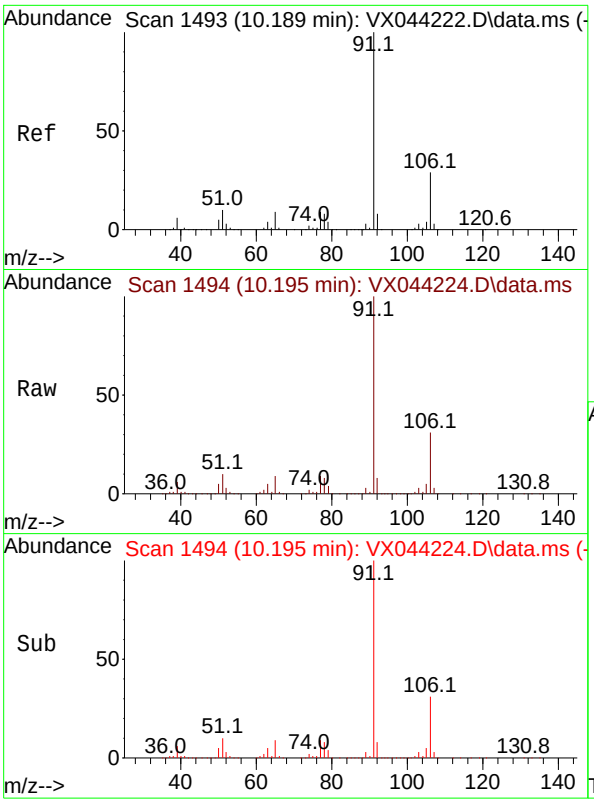


#66
1,1,1,2-Tetrachloroethane
Concen: 166.991 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:131 Resp: 218515

Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.3	141.8
119	62.7	31.6	95.0



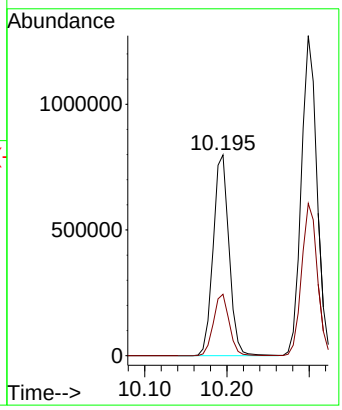


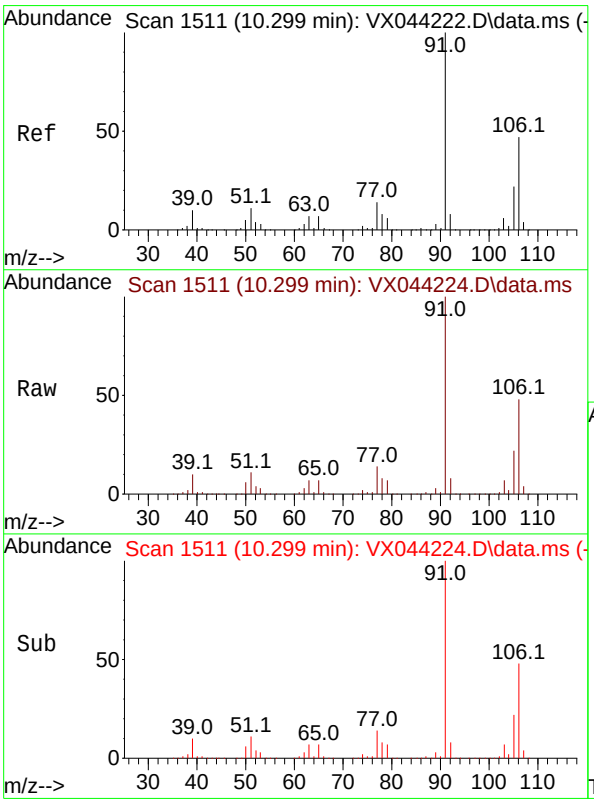
#67
Ethyl Benzene
Concen: 151.917 ug/l
RT: 10.195 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 1068736

Ion	Ratio	Lower	Upper
91	100		
106	30.6	23.5	35.3

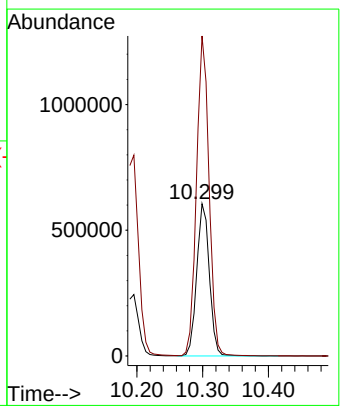


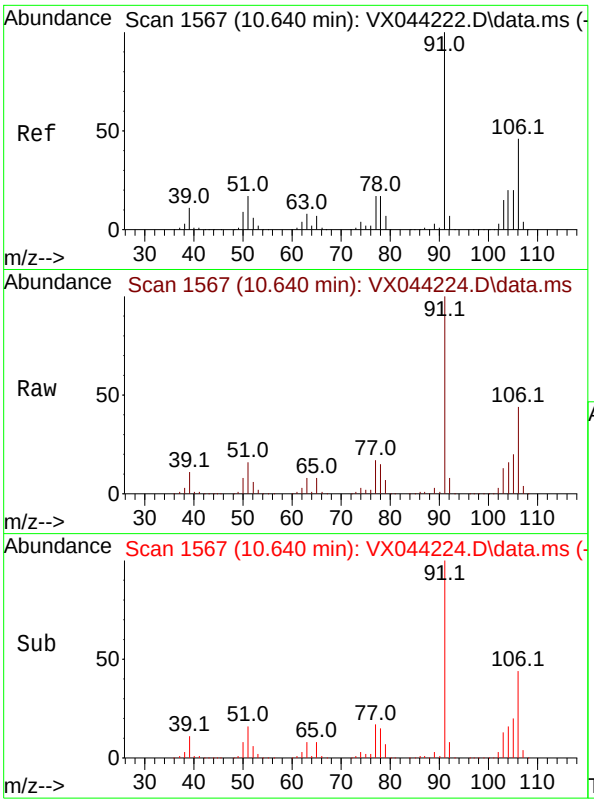


#68
m/p-Xylenes
Concen: 312.254 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:106 Resp: 806058

Ion	Ratio	Lower	Upper
106	100		
91	208.8	170.2	255.2



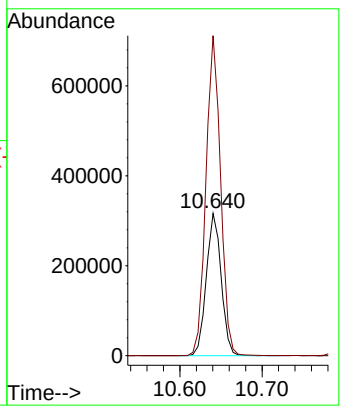


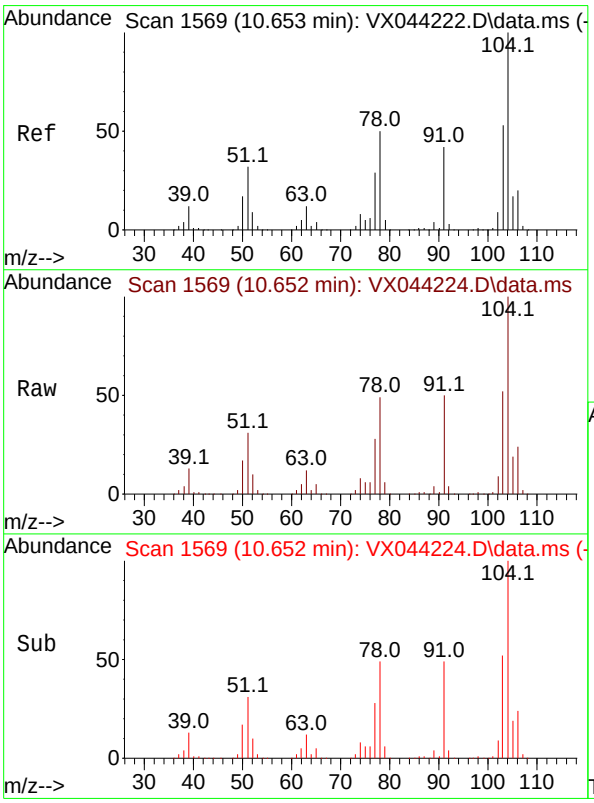
#69
o-Xylene
Concen: 152.030 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 397084

Ion	Ratio	Lower	Upper
106	100		
91	221.5	112.3	337.0

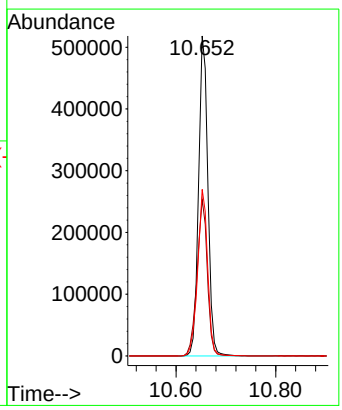


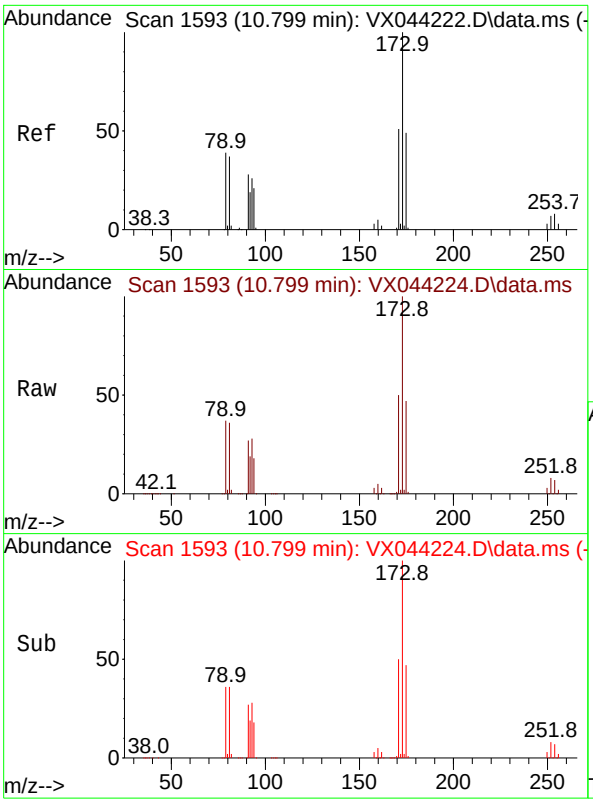


#70
Styrene
Concen: 160.228 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:104 Resp: 670887

Ion	Ratio	Lower	Upper
104	100		
78	54.2	44.6	67.0
103	55.9	45.4	68.0



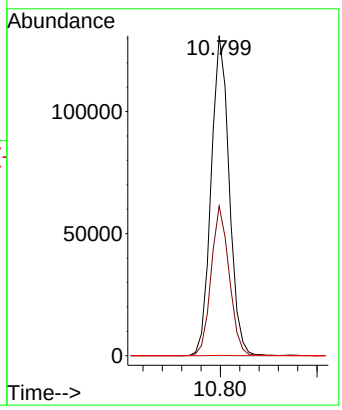


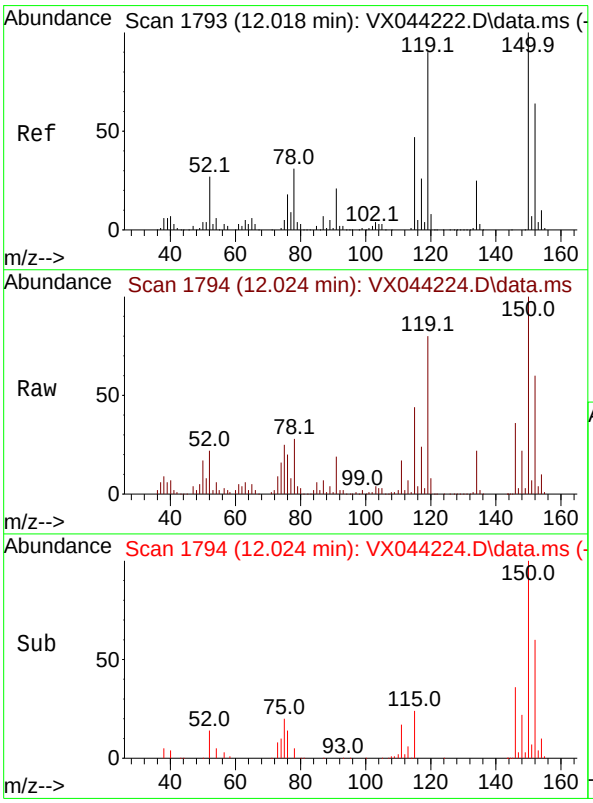
#71
Bromoform
Concen: 150.034 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:173 Resp: 169450

Ion	Ratio	Lower	Upper
173	100		
175	46.8	23.8	71.4
254	0.1	0.0	0.0#

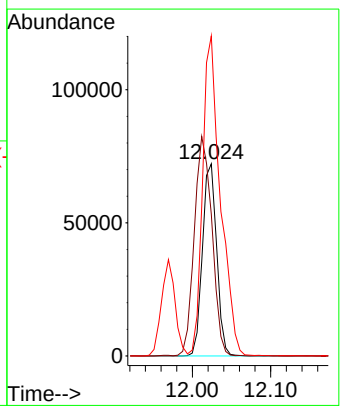


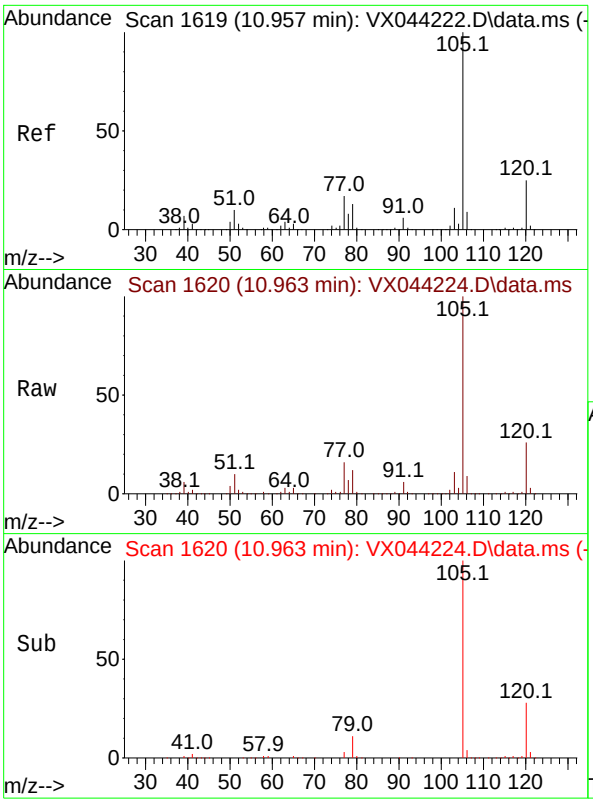


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:152 Resp: 90898

Ion	Ratio	Lower	Upper
152	100		
115	142.2	44.5	133.3#
150	208.8	0.0	353.8



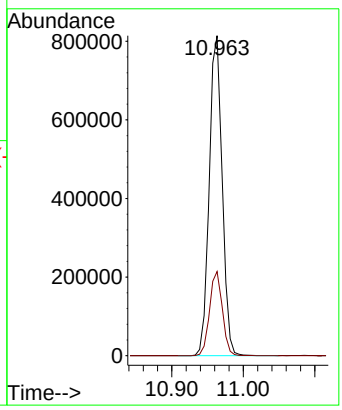


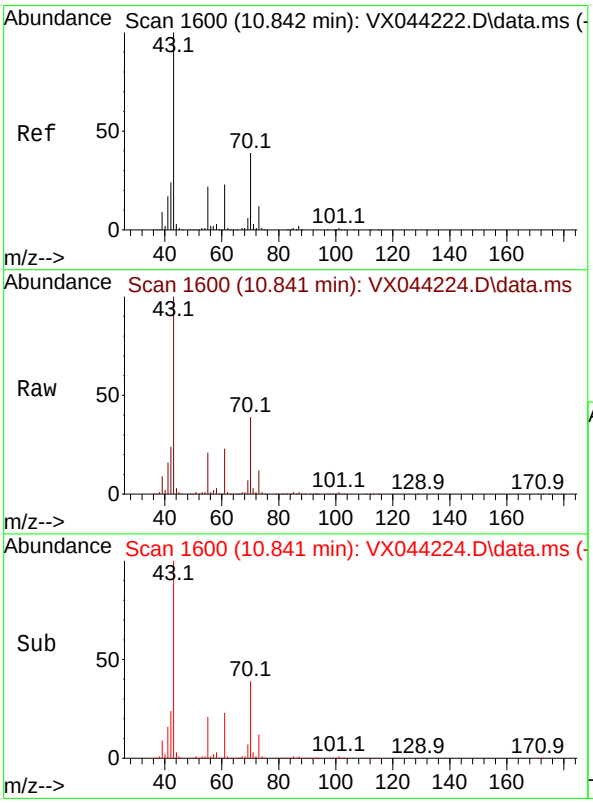
#73
Isopropylbenzene
Concen: 146.832 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 1021749

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.1	39.3

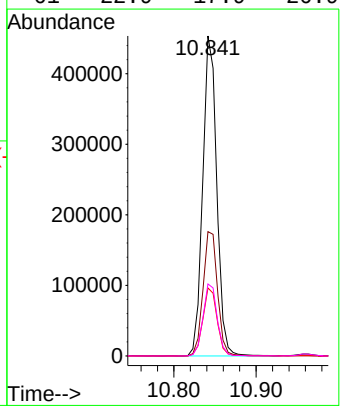


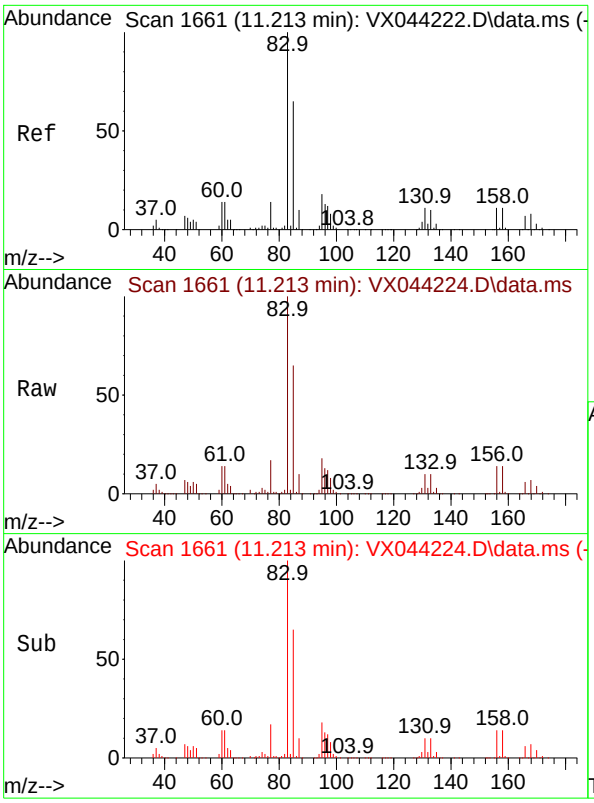


#74
N-amyl acetate
Concen: 166.823 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 43 Resp: 536496

Ion	Ratio	Lower	Upper
43	100		
70	40.3	31.9	47.9
55	21.6	17.9	26.9
61	22.9	17.9	26.9



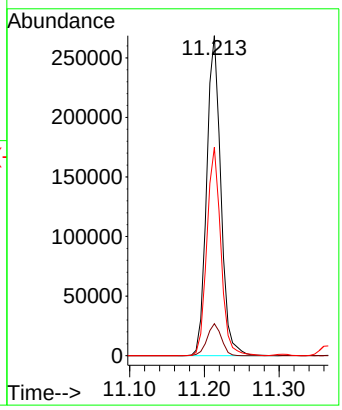


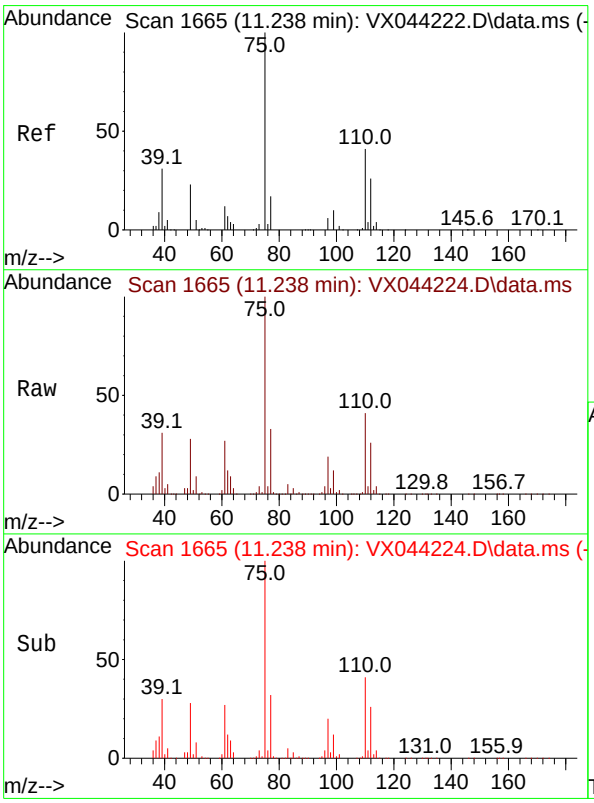
#75
1,1,2,2-Tetrachloroethane
Concen: 145.883 ug/l
RT: 11.213 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 352591

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.1	15.4
85	64.4	32.5	97.4

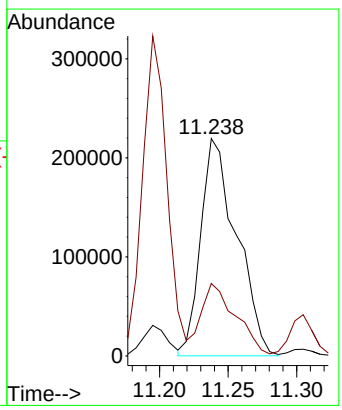


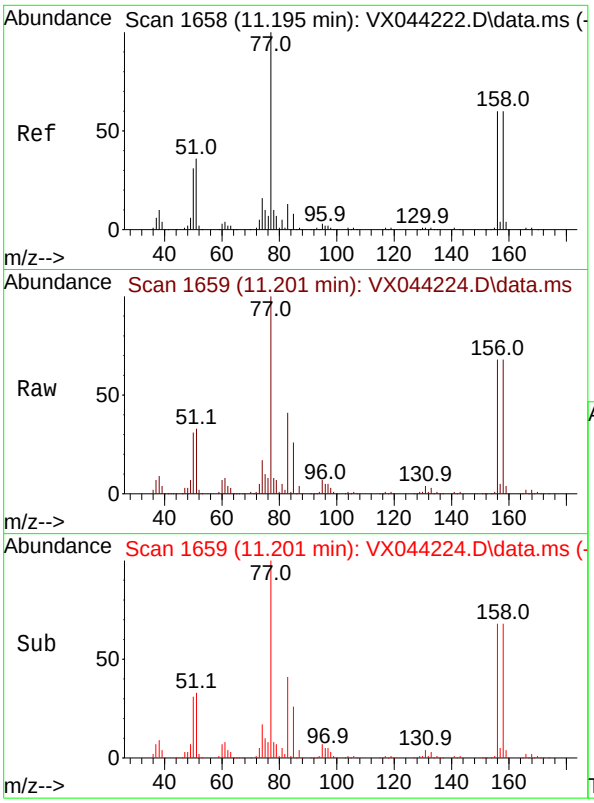


#76
1,2,3-Trichloropropane
Concen: 194.277 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 75 Resp: 400724

Ion	Ratio	Lower	Upper
75	100		
77	32.4	20.9	62.7



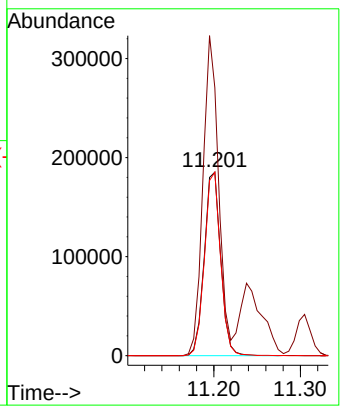


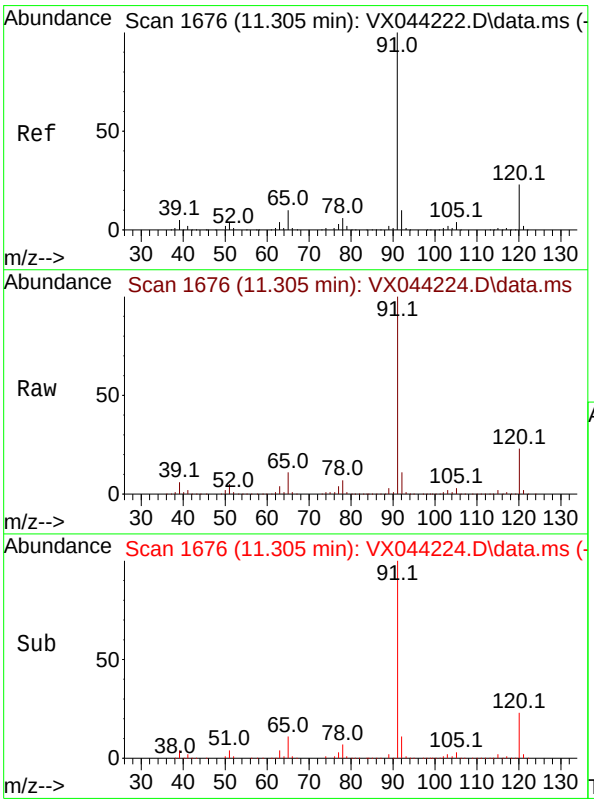
#77
Bromobenzene
Concen: 144.584 ug/l
RT: 11.201 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:156 Resp: 243975

Ion	Ratio	Lower	Upper
156	100		
77	165.5	82.6	247.8
158	98.2	48.8	146.4

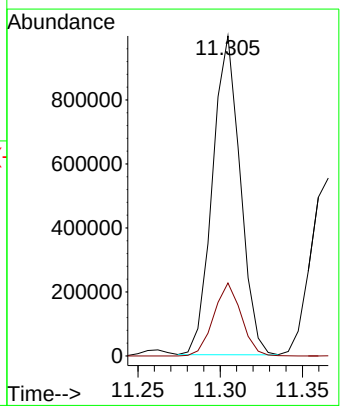


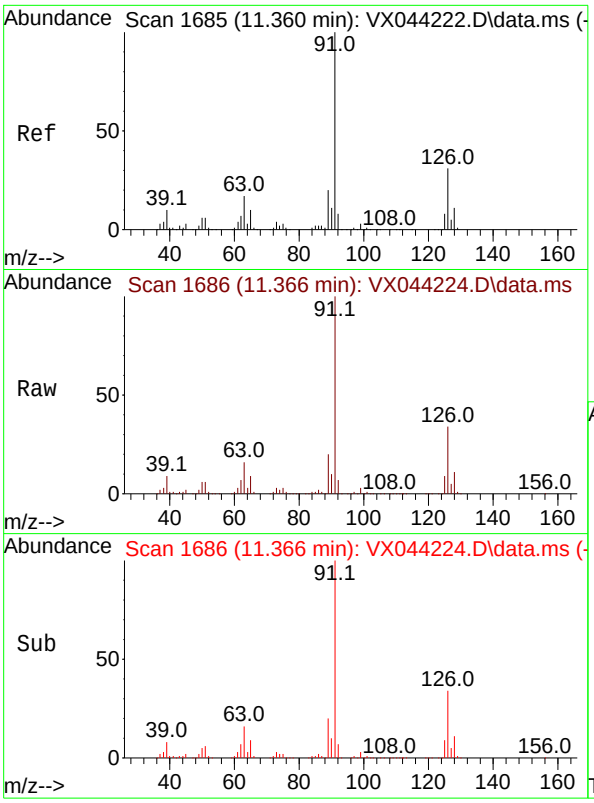


#78
n-propylbenzene
Concen: 151.637 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 91 Resp: 1166255

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.0	33.0



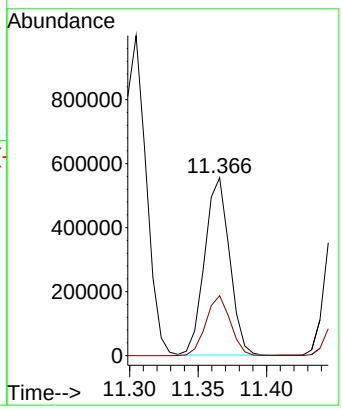


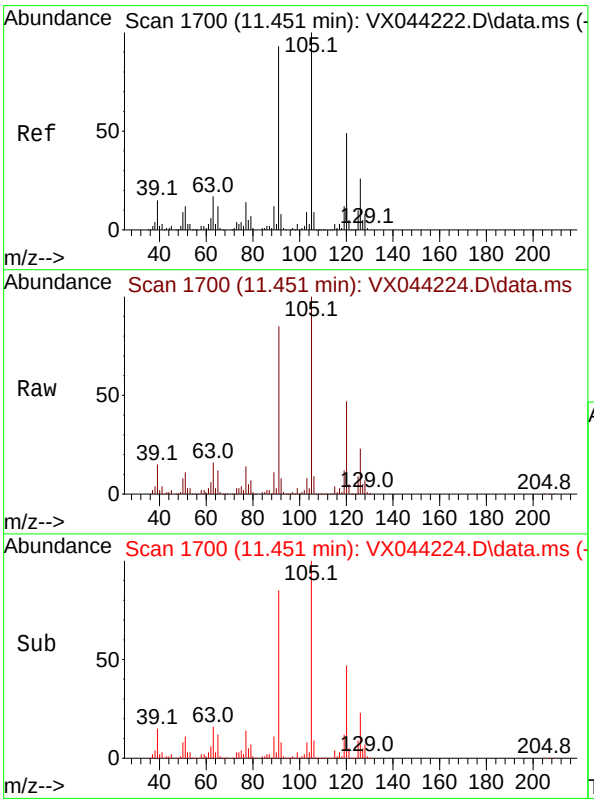
#79
2-Chlorotoluene
Concen: 140.866 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 700673

Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.4	49.1

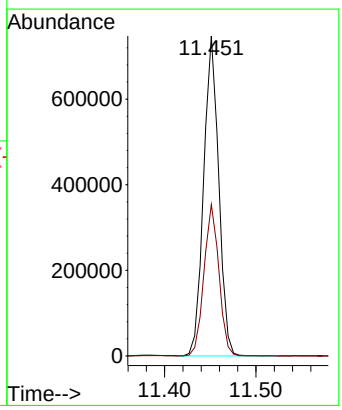


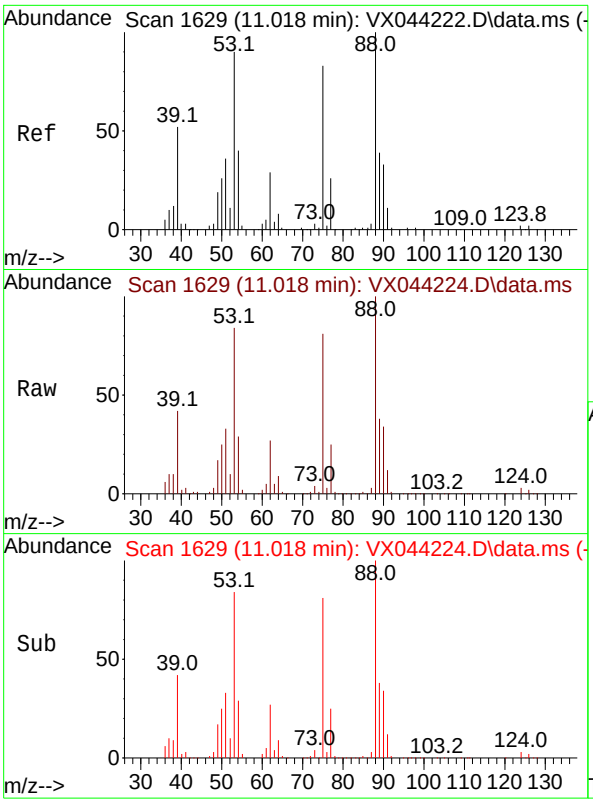


#80
1,3,5-Trimethylbenzene
Concen: 147.824 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:105 Resp: 853042

Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.8	71.4



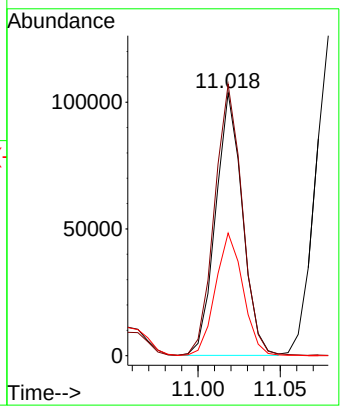


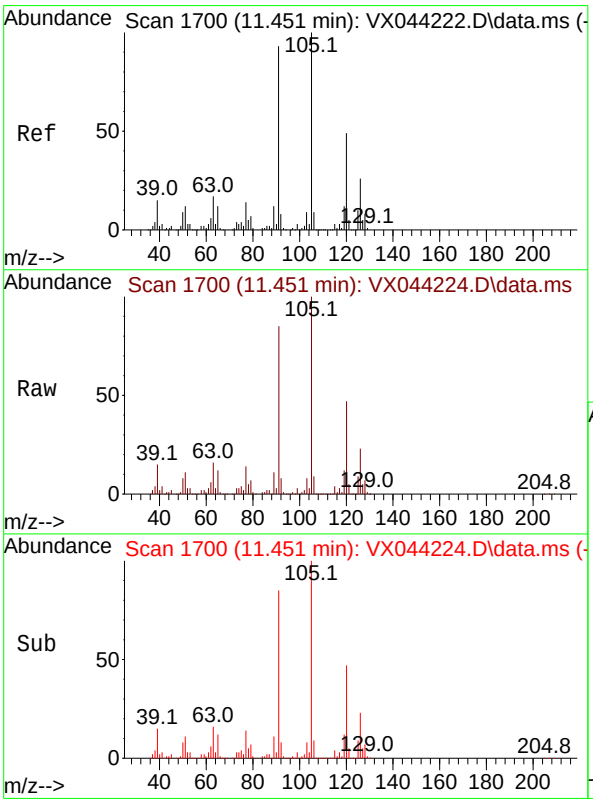
#81
trans-1,4-Dichloro-2-butene
Concen: 152.670 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 117263

Ion	Ratio	Lower	Upper
75	100		
53	107.3	93.6	140.4
89	48.2	37.3	55.9

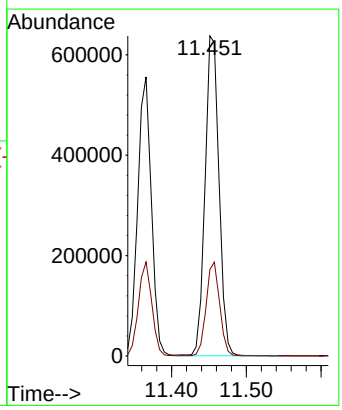


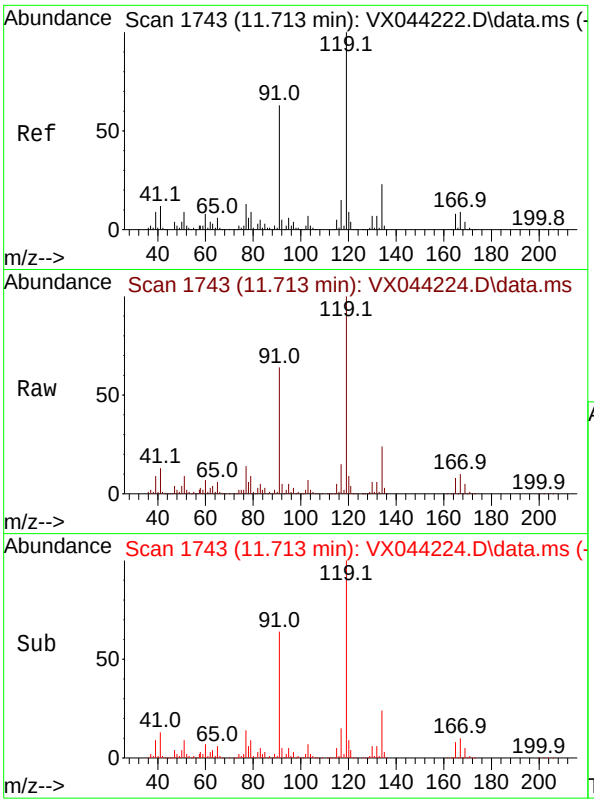


#82
4-Chlorotoluene
Concen: 149.831 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 91 Resp: 825278

Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.5	43.5



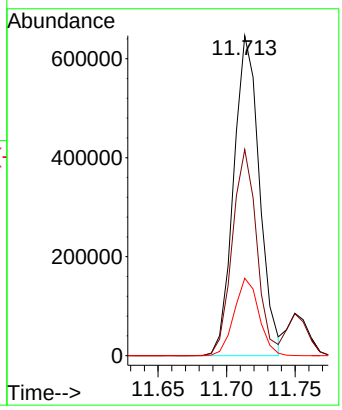


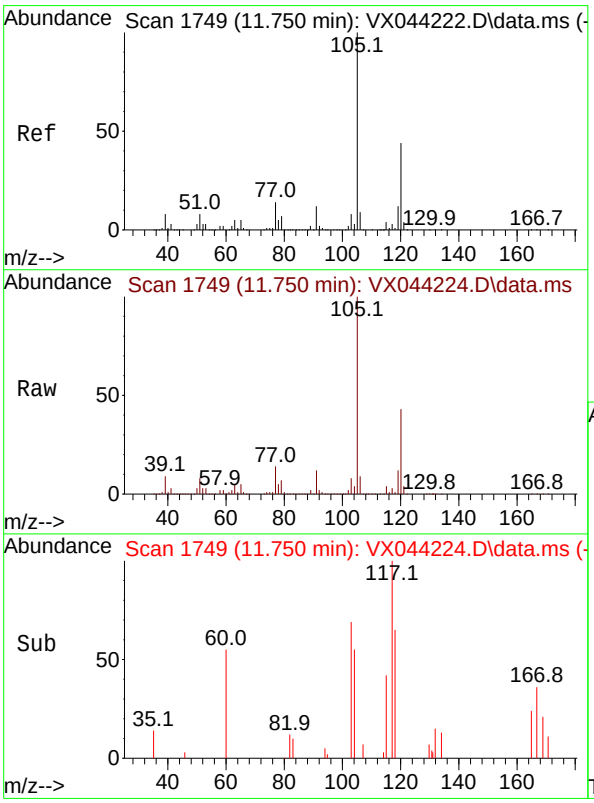
#83
tert-Butylbenzene
Concen: 148.495 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:119 Resp: 846864

Ion	Ratio	Lower	Upper
119	100		
91	61.3	30.9	92.5
134	23.3	11.5	34.4

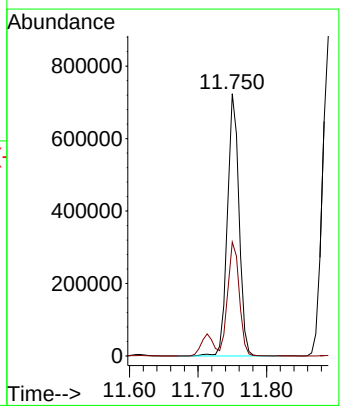


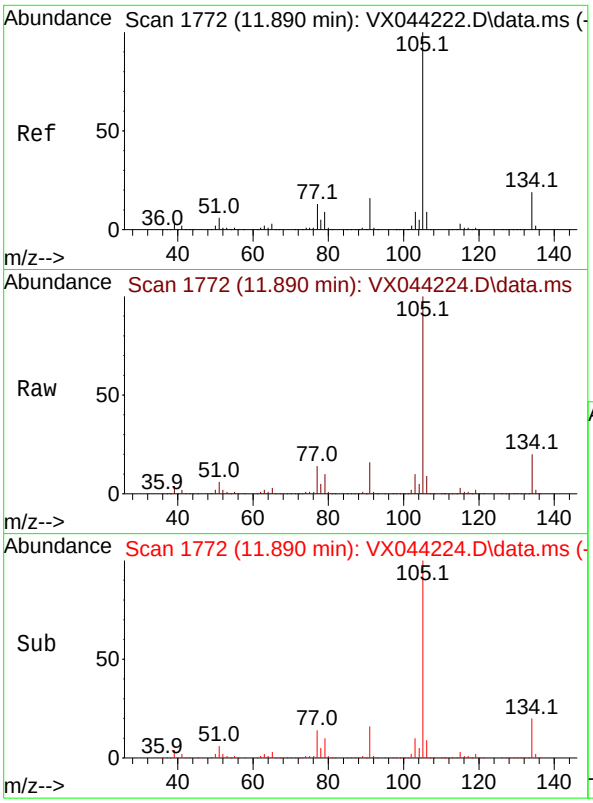


#84
1,2,4-Trimethylbenzene
Concen: 149.414 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:105 Resp: 846771

Ion	Ratio	Lower	Upper
105	100		
120	43.2	21.7	65.1



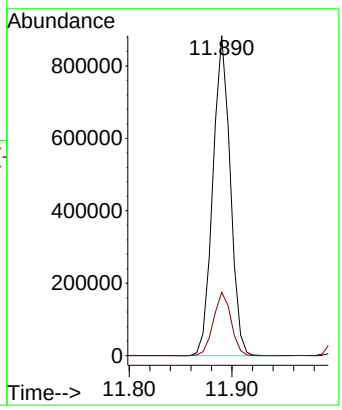


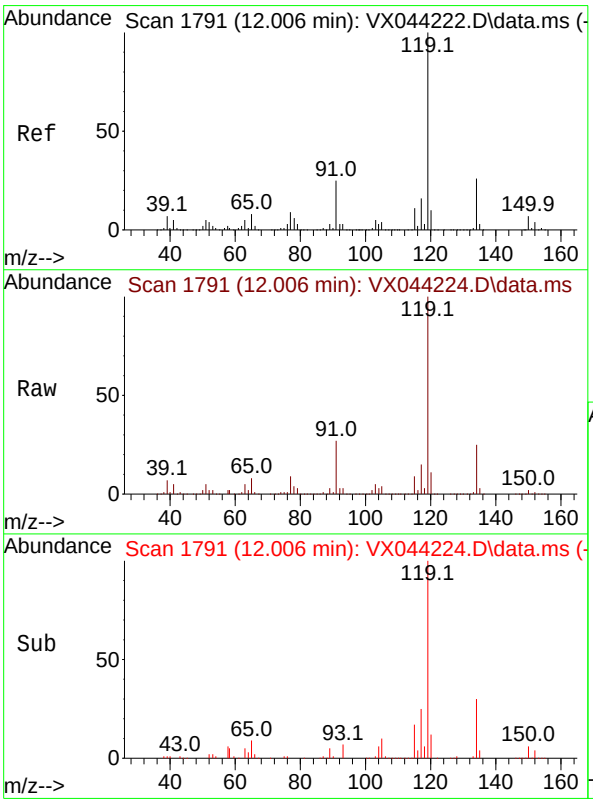
#85
sec-Butylbenzene
Concen: 149.409 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 1034419

Ion	Ratio	Lower	Upper
105	100		
134	20.1	9.8	29.4

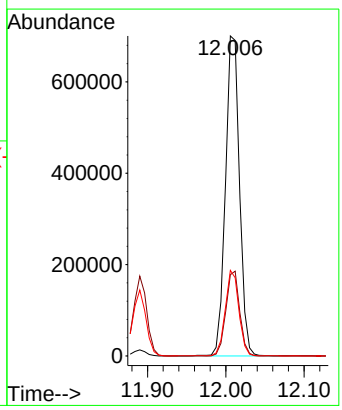


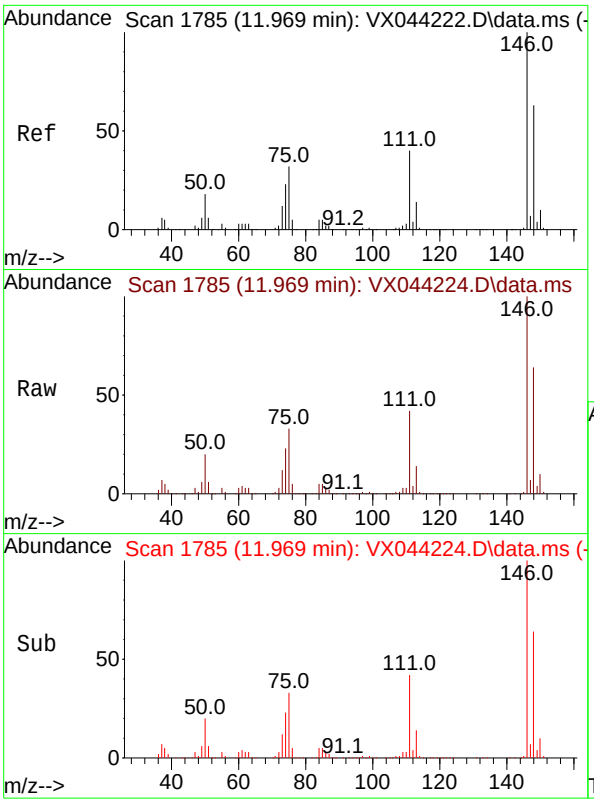


#86
p-Isopropyltoluene
Concen: 151.944 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:119 Resp: 875562

Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.8	38.4
91	25.7	13.0	39.0



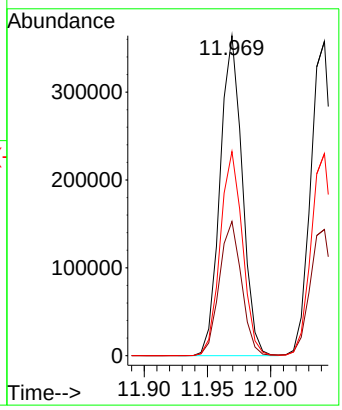


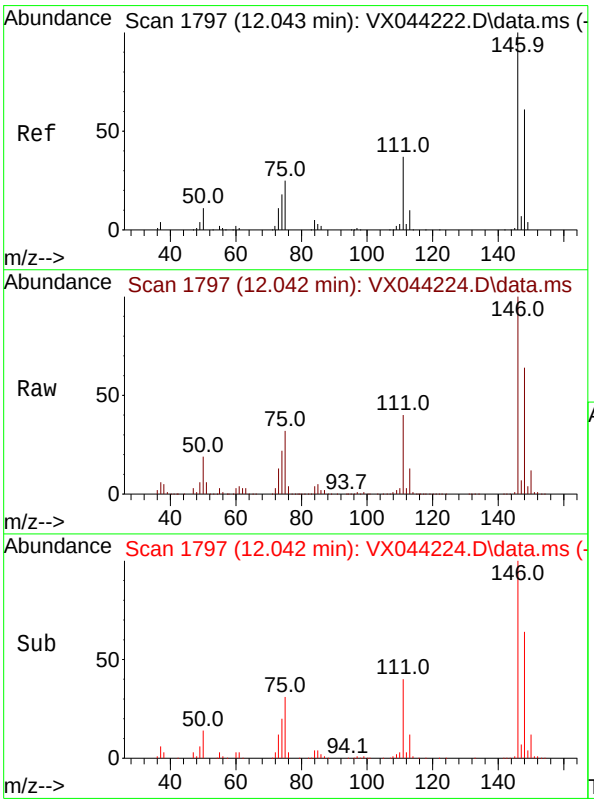
#87
1,3-Dichlorobenzene
Concen: 150.575 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 443826

Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.4	64.2
148	64.0	31.7	95.1

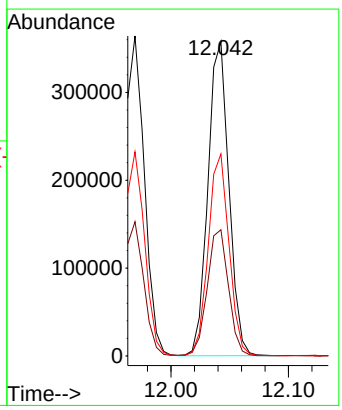


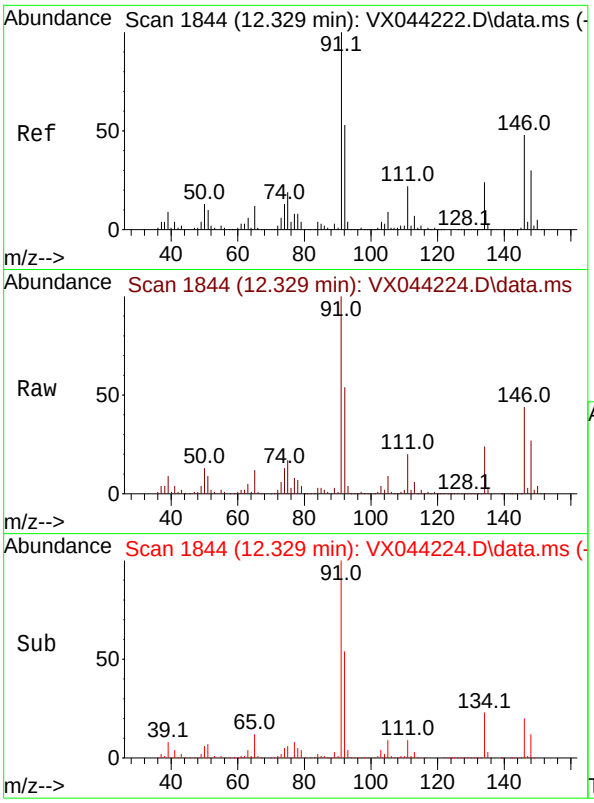


#88
1,4-Dichlorobenzene
Concen: 146.058 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:146 Resp: 442556

Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.0	63.0
148	63.7	32.3	96.8



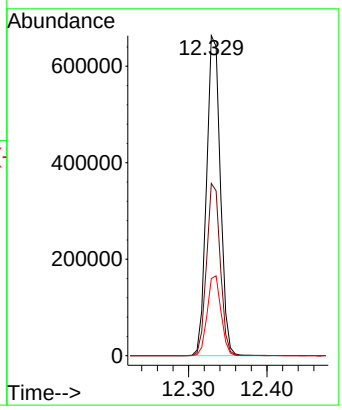


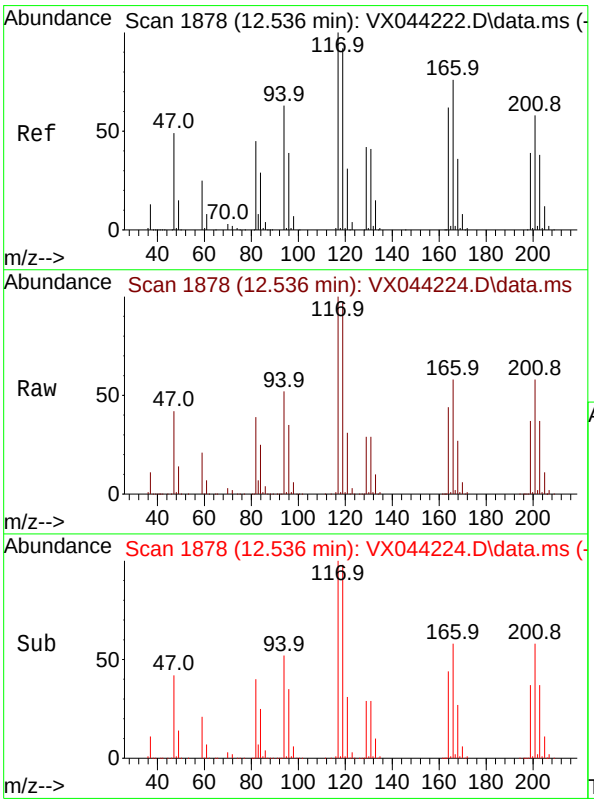
#89
n-Butylbenzene
Concen: 166.836 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 808399

Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.6	79.7
134	25.0	12.6	37.8

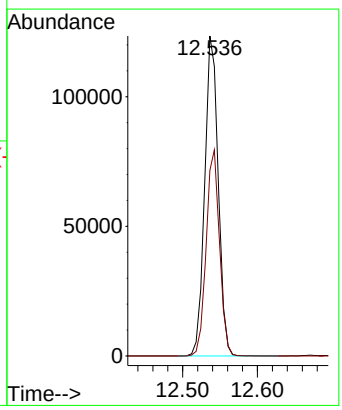


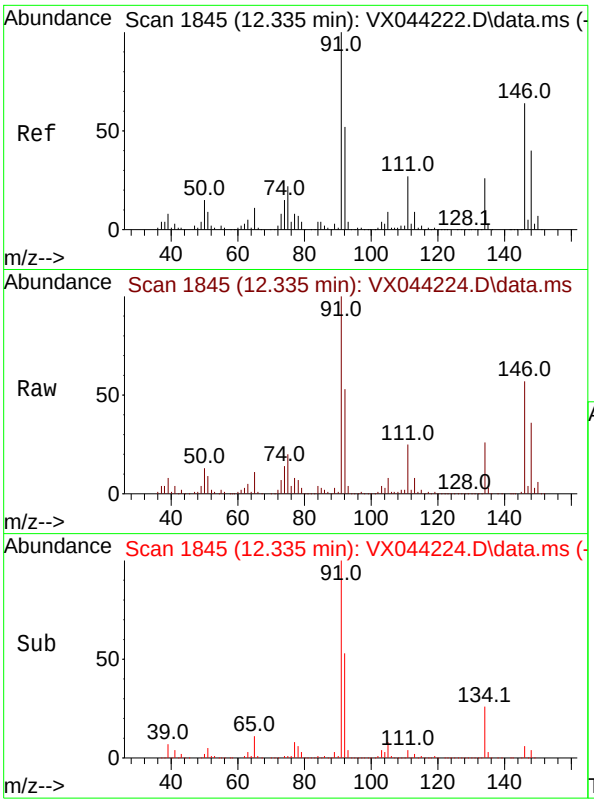


#90
Hexachloroethane
Concen: 183.942 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:117 Resp: 154726

Ion	Ratio	Lower	Upper
117	100		
201	63.5	31.4	94.2



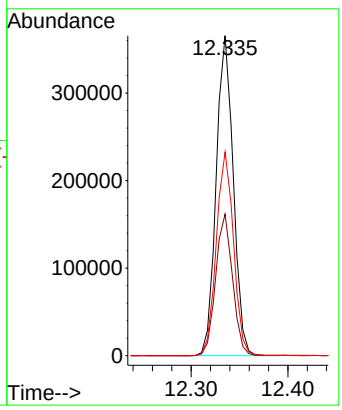


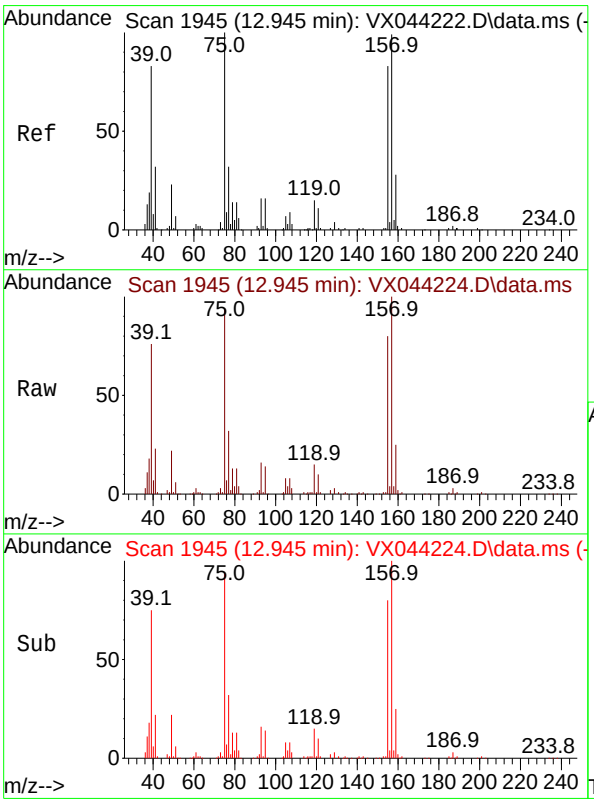
#91
1,2-Dichlorobenzene
Concen: 146.357 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 447931

Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.4	64.3
148	64.2	31.6	95.0

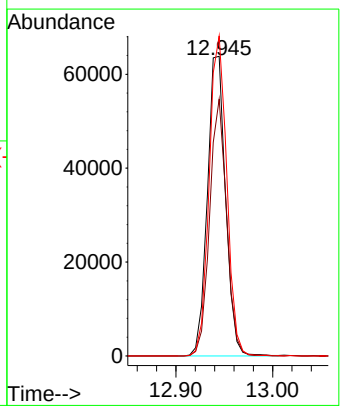


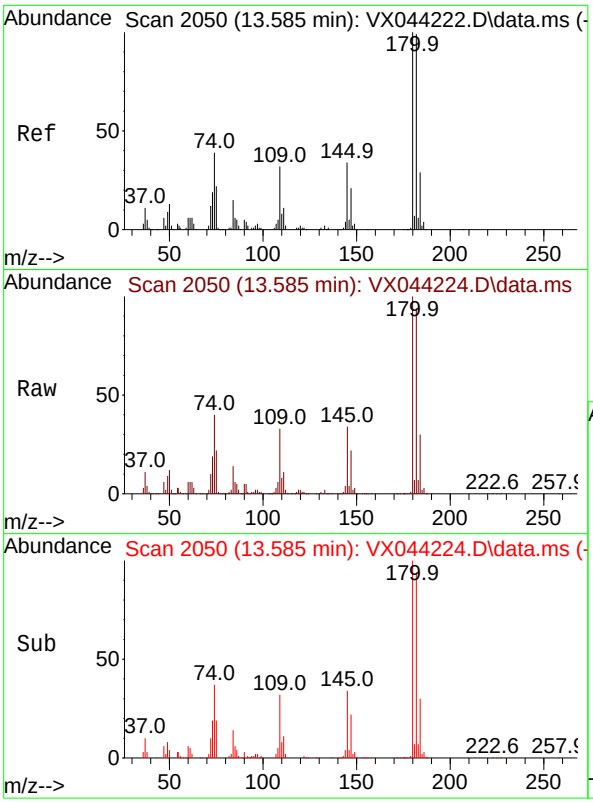


#92
1,2-Dibromo-3-Chloropropane
Concen: 178.106 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 75 Resp: 83565

Ion	Ratio	Lower	Upper
75	100		
155	79.8	38.1	114.3
157	103.3	47.2	141.6



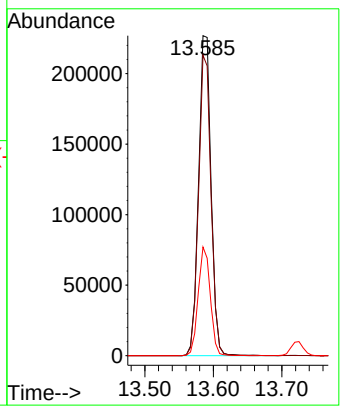


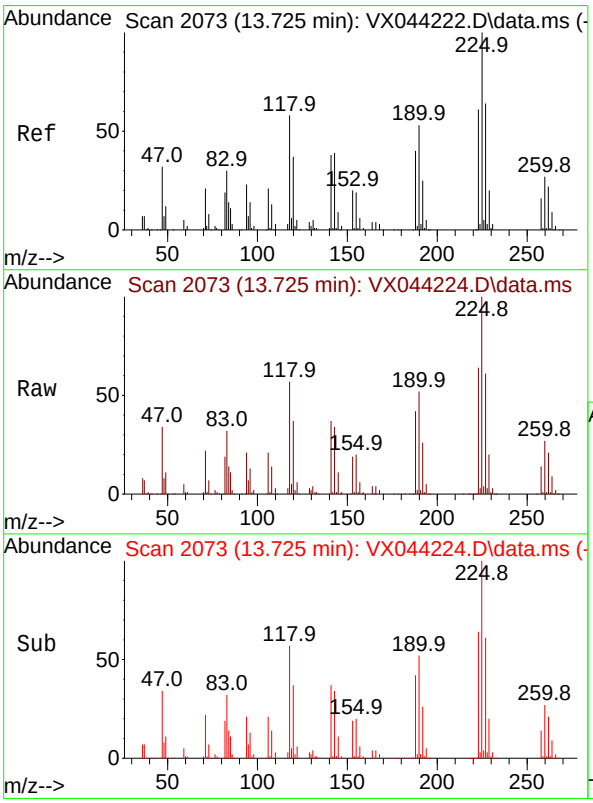
#93
1,2,4-Trichlorobenzene
Concen: 171.952 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:180 Resp: 288519

Ion	Ratio	Lower	Upper
180	100		
182	93.3	48.0	144.2
145	33.0	16.6	49.7

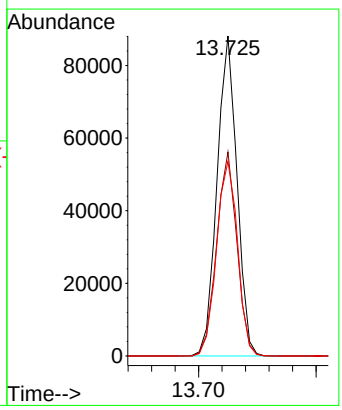


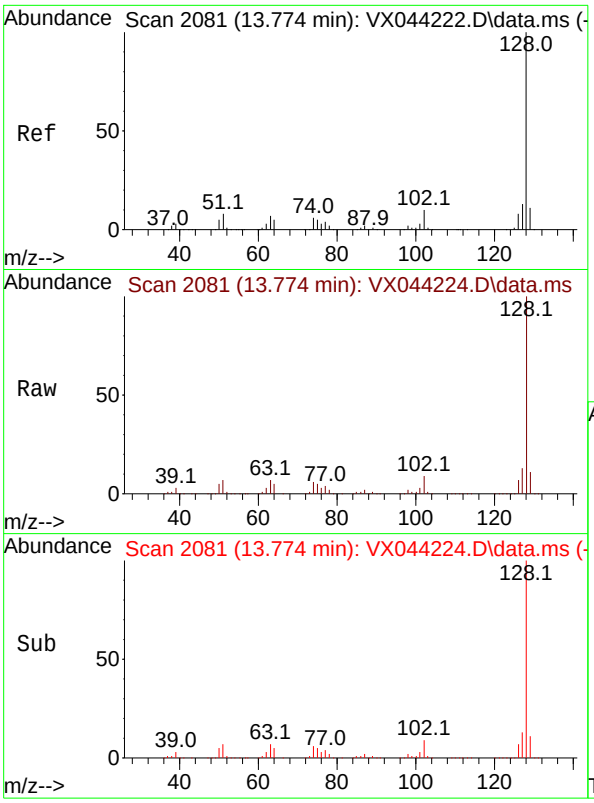


#94
Hexachlorobutadiene
Concen: 154.036 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:225 Resp: 103961

Ion	Ratio	Lower	Upper
225	100		
223	64.7	30.8	92.4
227	64.0	32.1	96.3



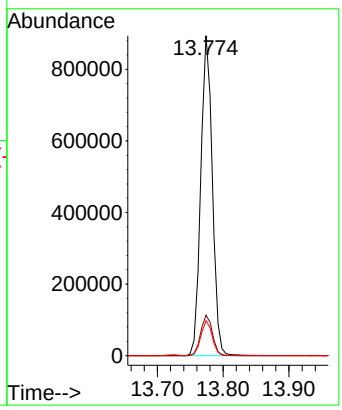


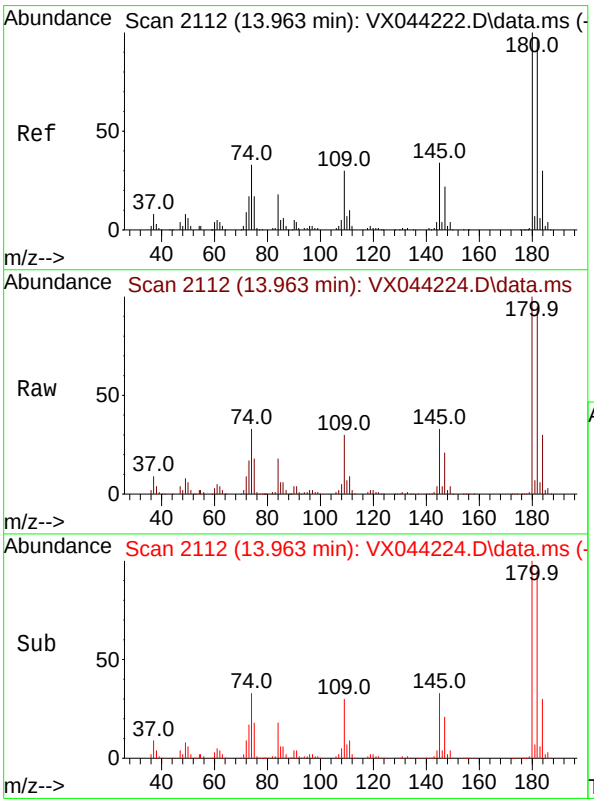
#95
Naphthalene
Concen: 167.187 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:128 Resp: 1094997

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.8	9.0	13.4

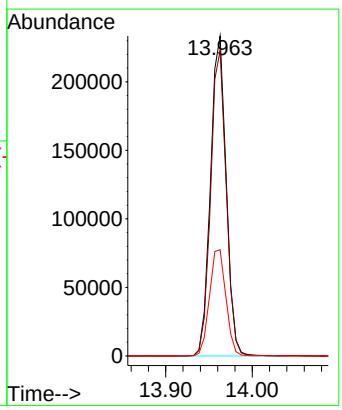




#96
1,2,3-Trichlorobenzene
Concen: 165.064 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:180 Resp: 293760

Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.0	144.0
145	34.9	17.7	53.1



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044226.D
Acq On : 11 Dec 2024 13:51
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Quant Time: Dec 12 04:32:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	134203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	237295	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	107407	45.646	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 91.300%			
35) Dibromofluoromethane	5.379	113	77619	47.228	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.460%			
50) Toluene-d8	8.647	98	271508	48.968	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.940%			
62) 4-Bromofluorobenzene	11.079	95	97061	50.098	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	104566	50.390	ug/l	98
3) Chloromethane	1.294	50	92633	46.681	ug/l	98
4) Vinyl Chloride	1.374	62	97702	47.260	ug/l	97
5) Bromomethane	1.593	94	67357	45.926	ug/l	99
6) Chloroethane	1.666	64	62821	48.801	ug/l	100
7) Trichlorofluoromethane	1.867	101	203619	50.311	ug/l	99
8) Diethyl Ether	2.136	74	63075	45.658	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.312	101	82498	50.374	ug/l	99
10) Methyl Iodide	2.441	142	100043	46.349	ug/l	100
11) Tert butyl alcohol	3.001	59	77494	233.680	ug/l	100
12) 1,1-Dichloroethene	2.306	96	74177	49.311	ug/l	99
13) Acrolein	2.233	56	111927	233.162	ug/l	97
14) Allyl chloride	2.654	41	124635	49.744	ug/l	100
15) Acrylonitrile	3.068	53	221037	240.620	ug/l	100
16) Acetone	2.386	43	260267	271.312	ug/l	98
17) Carbon Disulfide	2.501	76	149824	52.397	ug/l	98
18) Methyl Acetate	2.709	43	115569	46.725	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	281413	47.940	ug/l	99
20) Methylene Chloride	2.782	84	83188	46.170	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	77471	48.459	ug/l	98
22) Diisopropyl ether	3.763	45	264732	46.922	ug/l	98
23) Vinyl Acetate	3.721	43	1185779	258.510	ug/l	99
24) 1,1-Dichloroethane	3.605	63	151134	48.056	ug/l	98
25) 2-Butanone	4.562	43	346052	253.747	ug/l	100
26) 2,2-Dichloropropane	4.465	77	140196	54.872	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	94838	46.709	ug/l	99
28) Bromochloromethane	4.891	49	69139	44.832	ug/l	99
29) Tetrahydrofuran	5.007	42	208362	238.031	ug/l	98
30) Chloroform	5.092	83	163372	46.235	ug/l	94
31) Cyclohexane	5.458	56	125567	49.443	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	146348	49.895	ug/l	99
36) 1,1-Dichloropropene	5.684	75	106889	50.314	ug/l	98
37) Ethyl Acetate	4.721	43	137017	52.176	ug/l	99
38) Carbon Tetrachloride	5.672	117	118390	51.763	ug/l	97
39) Methylcyclohexane	7.373	83	139077	54.761	ug/l	99
40) Benzene	6.031	78	316391	49.052	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044226.D
Acq On : 11 Dec 2024 13:51
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Quant Time: Dec 12 04:32:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.922	41	68251	48.945 ug/l	98
42) 1,2-Dichloroethane	6.086	62	132744	49.960 ug/l	100
43) Isopropyl Acetate	6.342	43	211889	51.624 ug/l	100
44) Trichloroethene	7.123	130	80008	49.741 ug/l	98
45) 1,2-Dichloropropane	7.427	63	78321	47.528 ug/l	98
46) Dibromomethane	7.574	93	65491	51.227 ug/l	99
47) Bromodichloromethane	7.818	83	116783	52.893 ug/l	99
48) Methyl methacrylate	7.690	41	101318	50.852 ug/l	98
49) 1,4-Dioxane	7.665	88	26140	791.313 ug/l #	71
51) 4-Methyl-2-Pentanone	8.574	43	673069	255.038 ug/l	99
52) Toluene	8.714	92	199281	49.199 ug/l	99
53) t-1,3-Dichloropropene	8.976	75	120696	50.864 ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	128875	53.607 ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	81362	50.562 ug/l	96
56) Ethyl methacrylate	9.116	69	134357	52.890 ug/l	98
57) 1,3-Dichloropropane	9.305	76	137705	49.165 ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	332599	259.586 ug/l	100
59) 2-Hexanone	9.433	43	519476	271.943 ug/l	99
60) Dibromochloromethane	9.518	129	83515	49.073 ug/l	99
61) 1,2-Dibromoethane	9.610	107	85024	51.909 ug/l	97
64) Tetrachloroethene	9.269	164	66669	47.702 ug/l	98
65) Chlorobenzene	10.079	112	217180	48.133 ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	74531	51.396 ug/l	100
67) Ethyl Benzene	10.189	91	385605	49.461 ug/l	99
68) m/p-Xylenes	10.299	106	285774	99.896 ug/l	99
69) o-Xylene	10.640	106	144001	49.750 ug/l	98
70) Styrene	10.652	104	239508	51.617 ug/l	98
71) Bromoform	10.799	173	50972	50.269 ug/l #	99
73) Isopropylbenzene	10.963	105	374769	49.014 ug/l	99
74) N-amyl acetate	10.841	43	183763	52.003 ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	126615	47.676 ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	138398	62.060 ug/l	85
77) Bromobenzene	11.195	156	87767	47.335 ug/l	99
78) n-propylbenzene	11.305	91	429443	50.816 ug/l	99
79) 2-Chlorotoluene	11.366	91	259860	47.546 ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	313435	49.431 ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	37038	47.861 ug/l	97
82) 4-Chlorotoluene	11.451	91	297641	49.178 ug/l	100
83) tert-Butylbenzene	11.713	119	309463	49.384 ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	313433	50.333 ug/l	100
85) sec-Butylbenzene	11.890	105	381109	50.097 ug/l	100
86) p-Isopropyltoluene	12.006	119	320882	50.678 ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	159094	49.122 ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	160742	48.280 ug/l	99
89) n-Butylbenzene	12.329	91	283284	53.207 ug/l	99
90) Hexachloroethane	12.536	117	48734	52.727 ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	160039	47.589 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26738	51.864 ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	99449	53.940 ug/l	98
94) Hexachlorobutadiene	13.725	225	37651	50.770 ug/l	98
95) Naphthalene	13.774	128	365781	50.827 ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	100209	51.244 ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044226.D
Acq On : 11 Dec 2024 13:51
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Quant Time: Dec 12 04:32:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

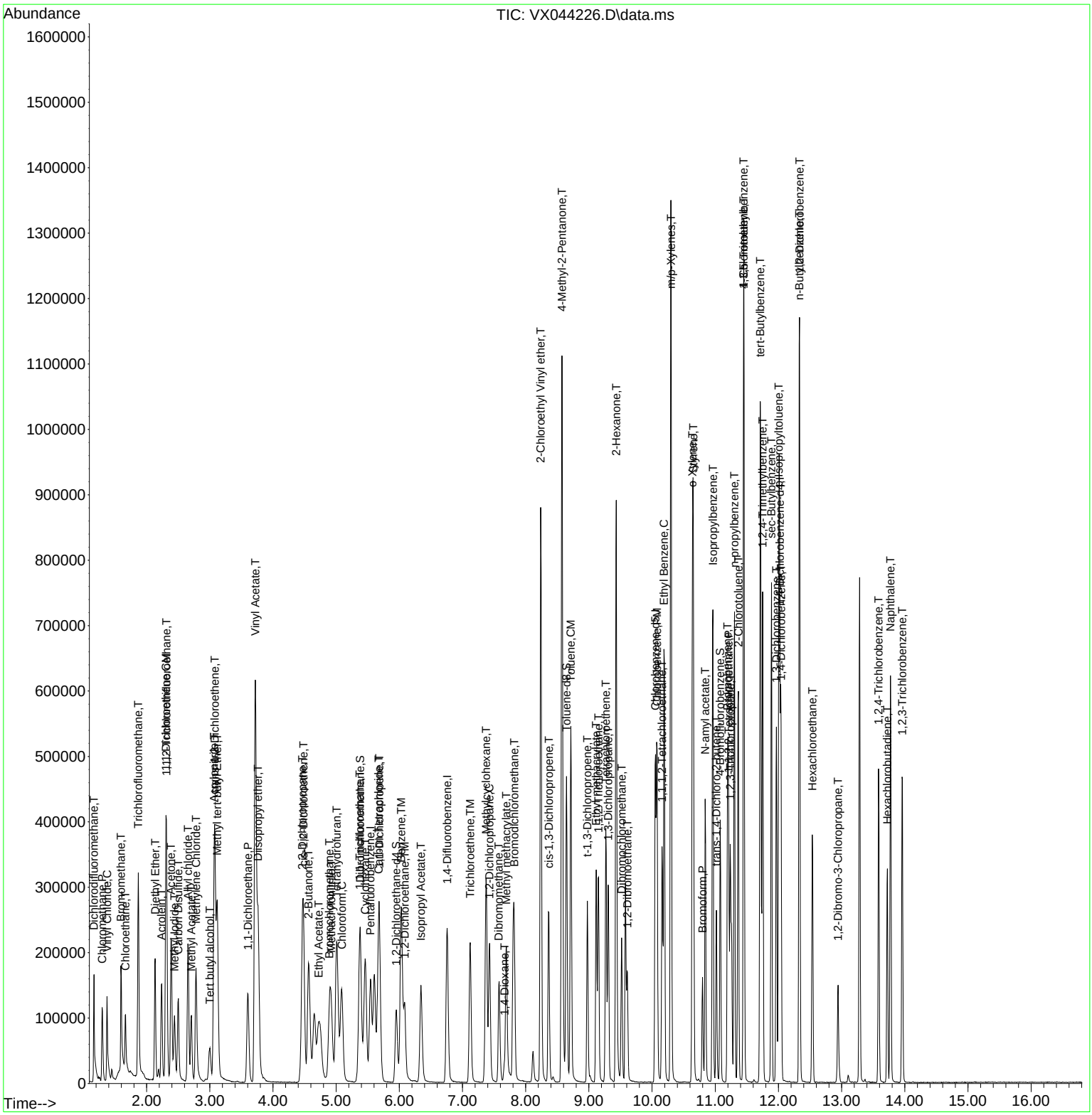
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

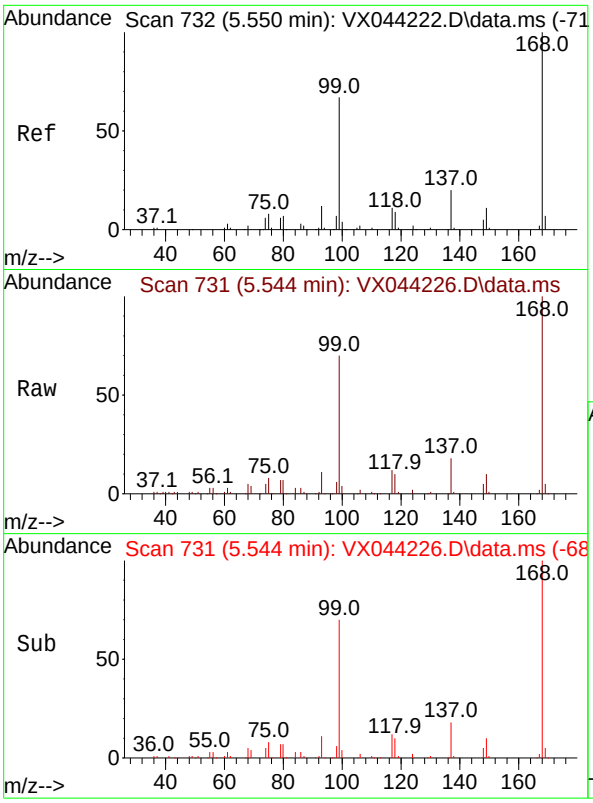
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044226.D
Acq On : 11 Dec 2024 13:51
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Quant Time: Dec 12 04:32:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



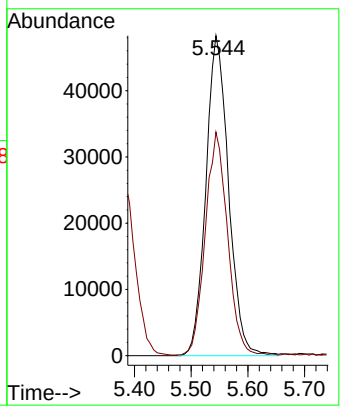


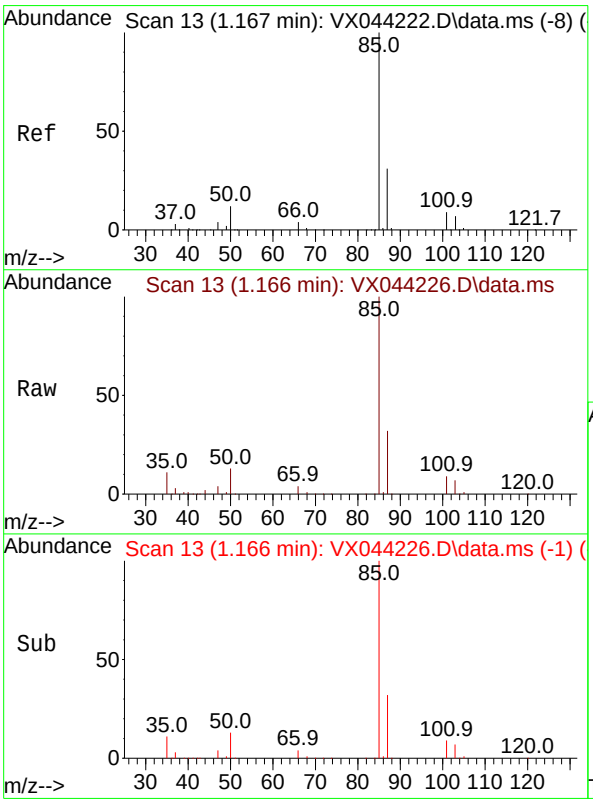
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion:168 Resp: 134203

Ion	Ratio	Lower	Upper
168	100		
99	69.7	53.4	80.0

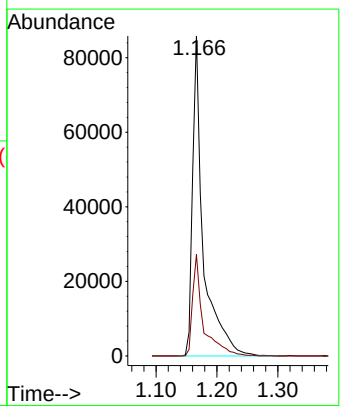


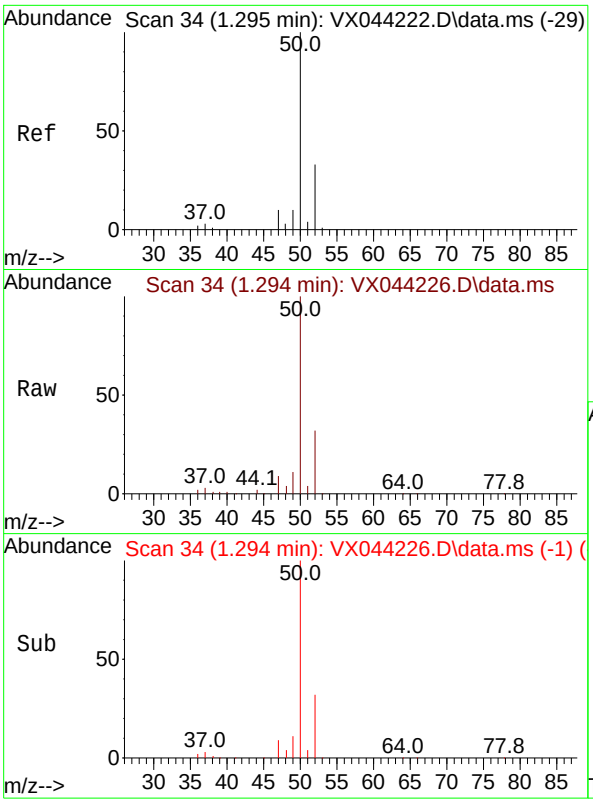


#2
Dichlorodifluoromethane
Concen: 50.390 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 85 Resp: 104566

Ion	Ratio	Lower	Upper
85	100		
87	31.7	15.4	46.4



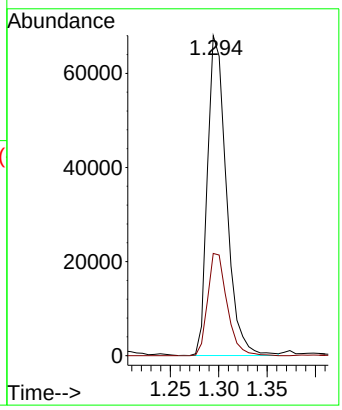


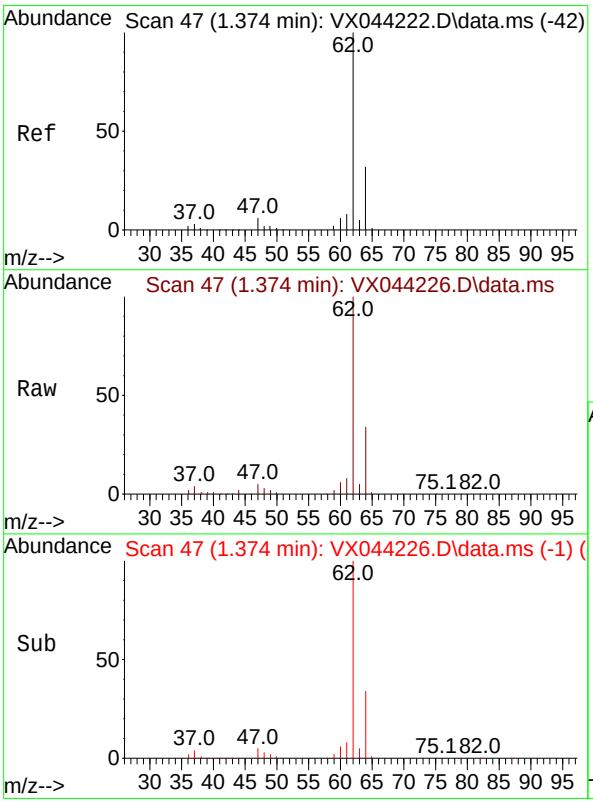
#3
Chloromethane
Concen: 46.681 ug/l
RT: 1.294 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion: 50 Resp: 92633

Ion	Ratio	Lower	Upper
50	100		
52	32.0	26.5	39.7

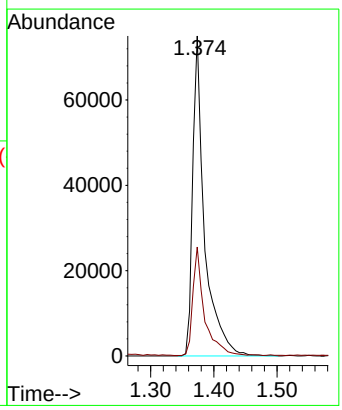


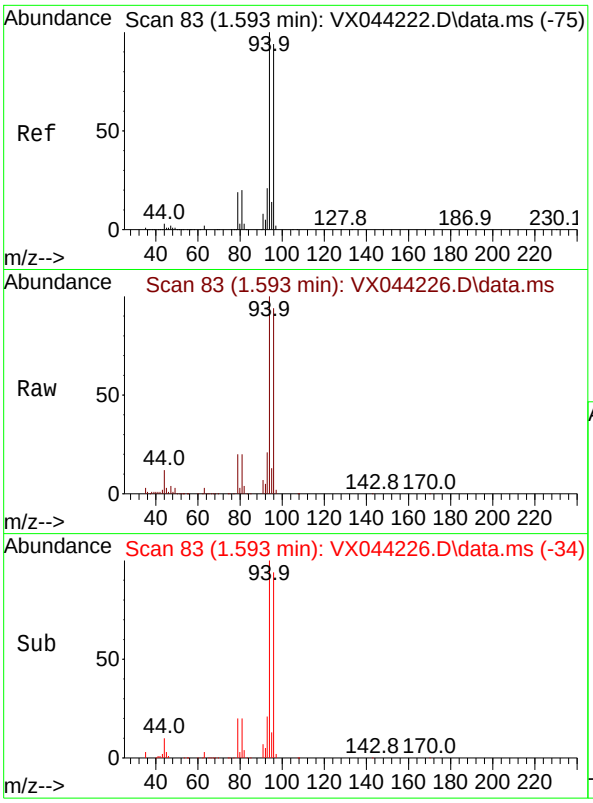


#4
Vinyl Chloride
Concen: 47.260 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 62 Resp: 97702

Ion	Ratio	Lower	Upper
62	100		
64	33.9	25.7	38.5



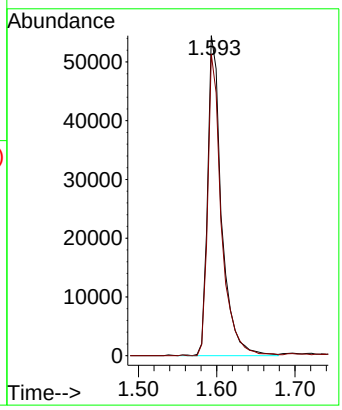


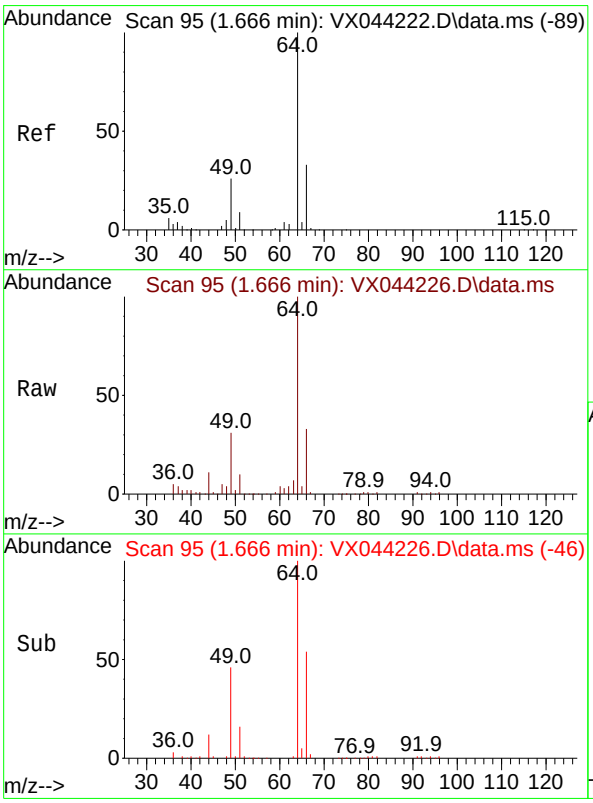
#5
Bromomethane
Concen: 45.926 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion: 94 Resp: 67357

Ion	Ratio	Lower	Upper
94	100		
96	94.2	74.9	112.3

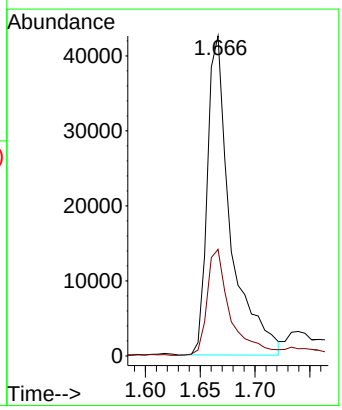


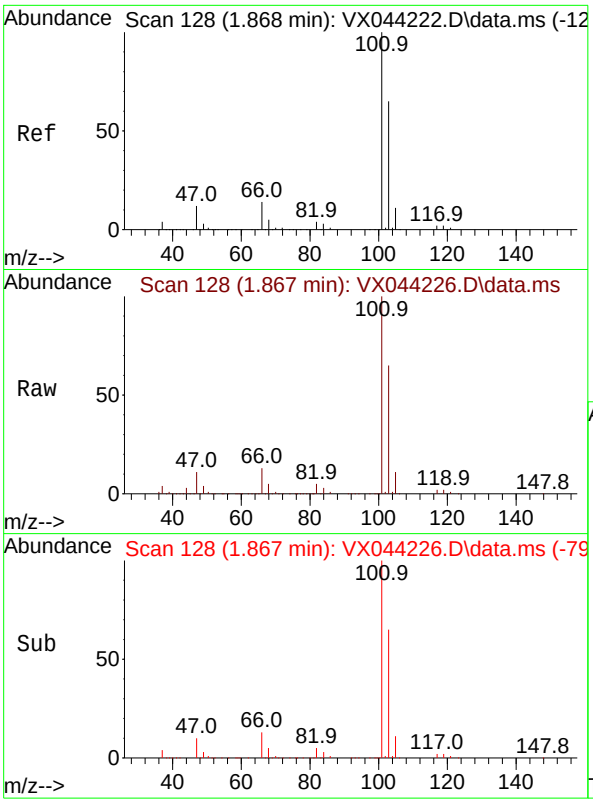


#6
Chloroethane
Concen: 48.801 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 64 Resp: 62821

Ion	Ratio	Lower	Upper
64	100		
66	33.2	26.6	39.8



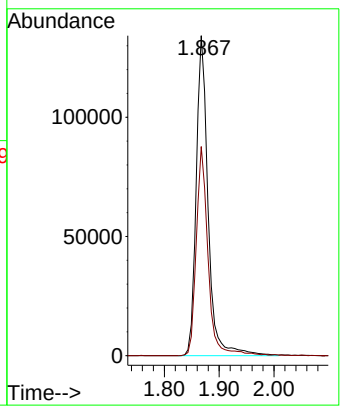


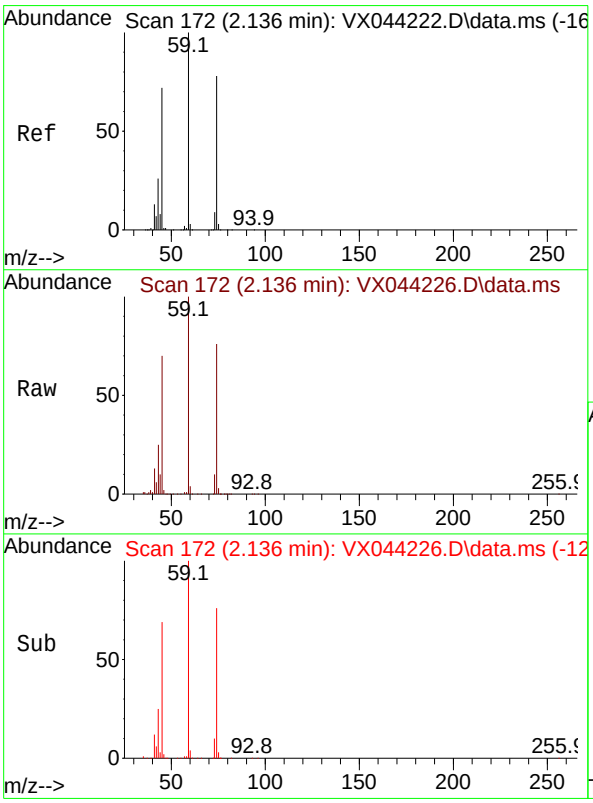
#7
Trichlorofluoromethane
Concen: 50.311 ug/l
RT: 1.867 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion:101 Resp: 203619

Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.8	77.8

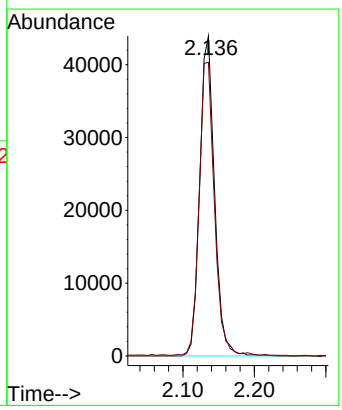


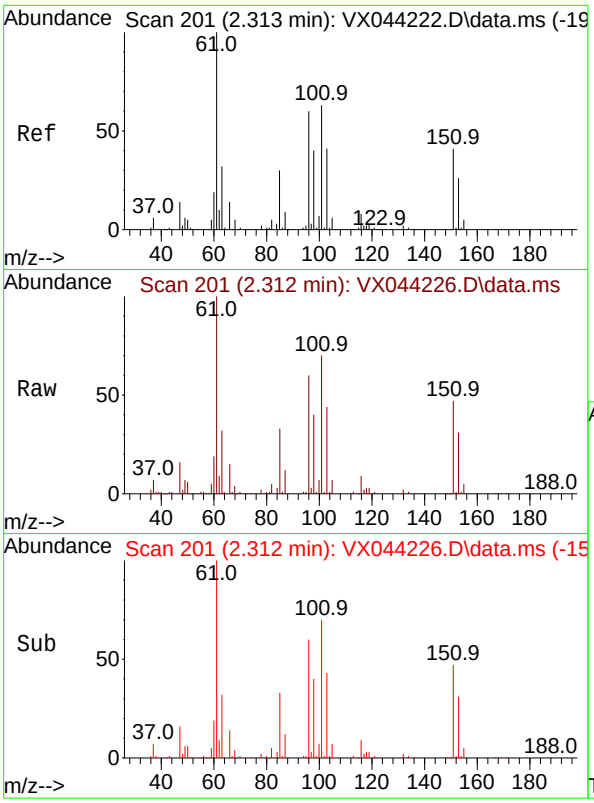


#8
Diethyl Ether
Concen: 45.658 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 74 Resp: 63075

Ion	Ratio	Lower	Upper
74	100		
45	94.4	48.4	145.0



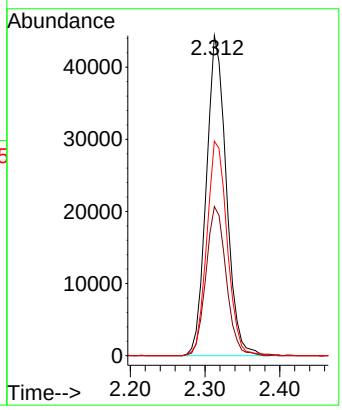


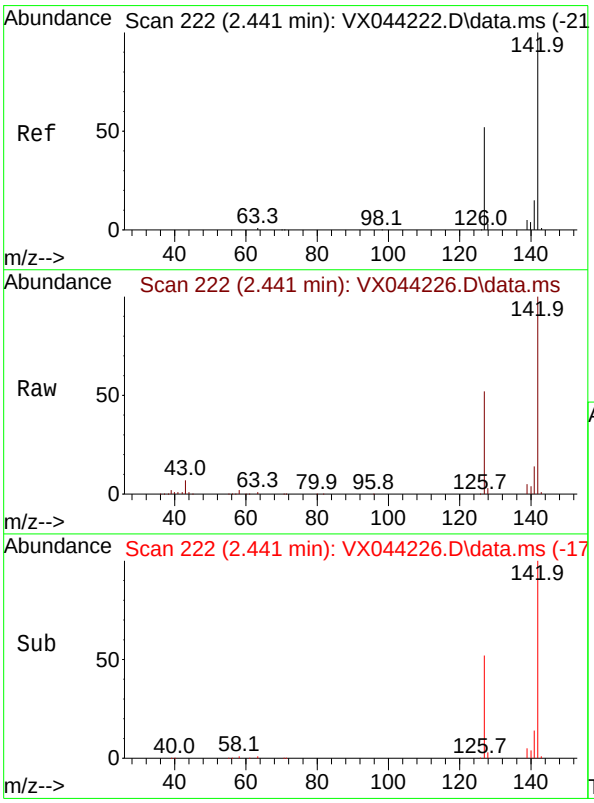
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.374 ug/l
RT: 2.312 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion:101 Resp: 82498

Ion	Ratio	Lower	Upper
101	100		
85	47.1	38.5	57.7
151	68.6	55.8	83.6

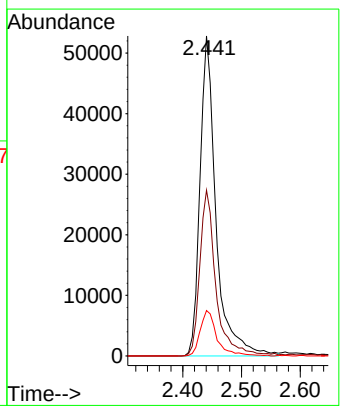


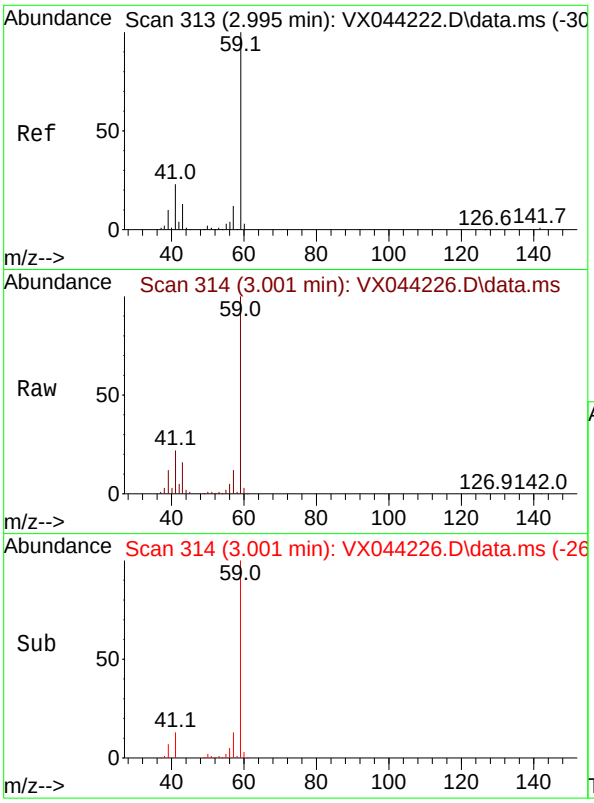


#10
Methyl Iodide
Concen: 46.349 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:142 Resp: 100043

Ion	Ratio	Lower	Upper
142	100		
127	52.3	41.8	62.8
141	14.8	11.5	17.3



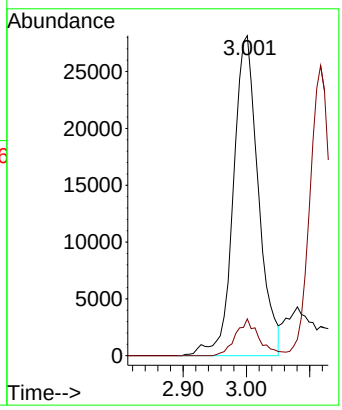


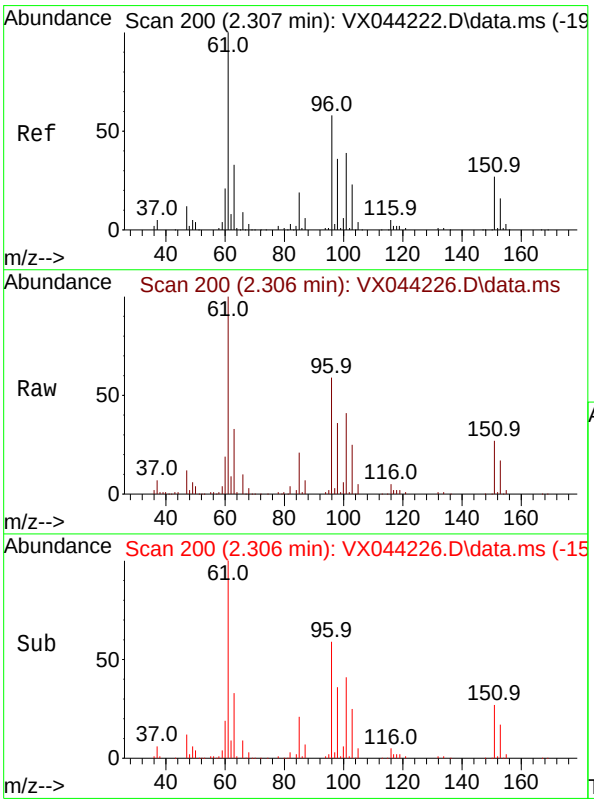
#11
Tert butyl alcohol
Concen: 233.680 ug/l
RT: 3.001 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion: 59 Resp: 77494

Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.8	13.2

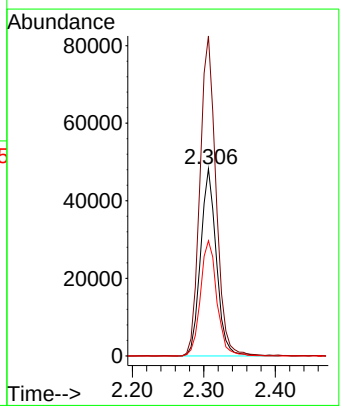


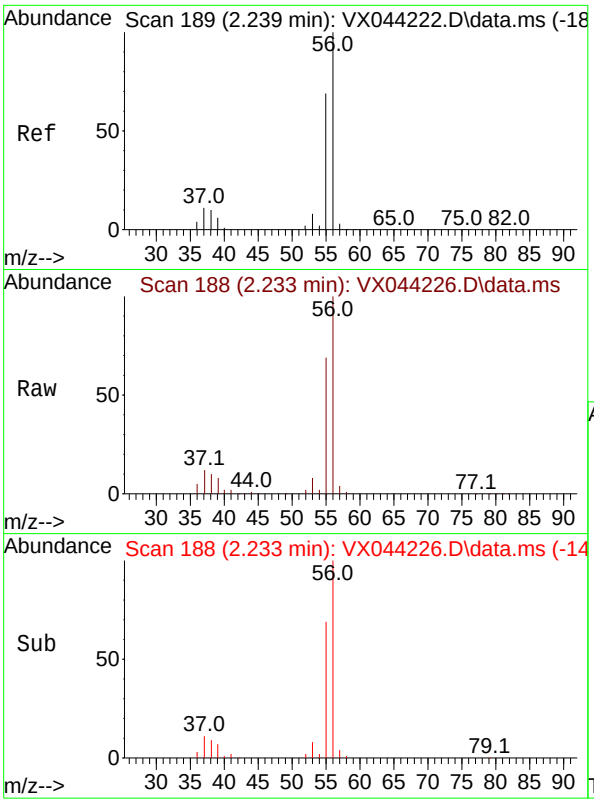


#12
1,1-Dichloroethene
Concen: 49.311 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 96 Resp: 74177

Ion	Ratio	Lower	Upper
96	100		
61	170.9	138.0	207.0
98	61.6	50.0	75.0



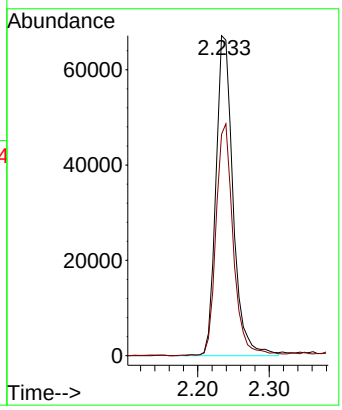


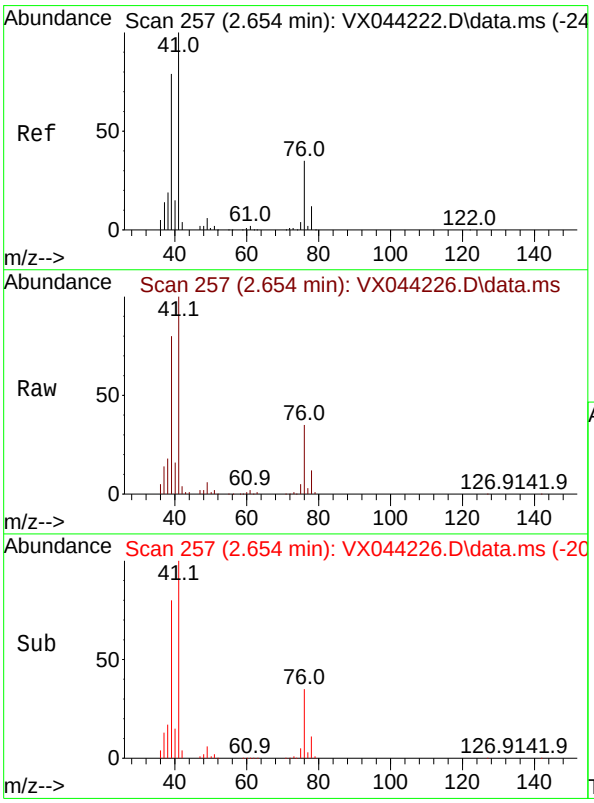
#13
Acrolein
Concen: 233.162 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion: 56 Resp: 111927

Ion	Ratio	Lower	Upper
56	100		
55	72.8	56.6	84.8

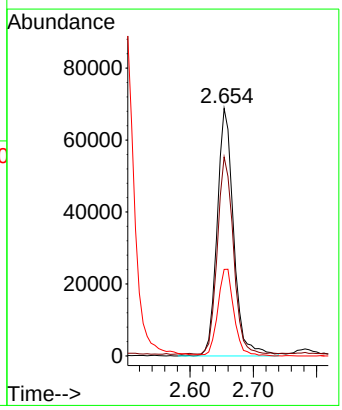


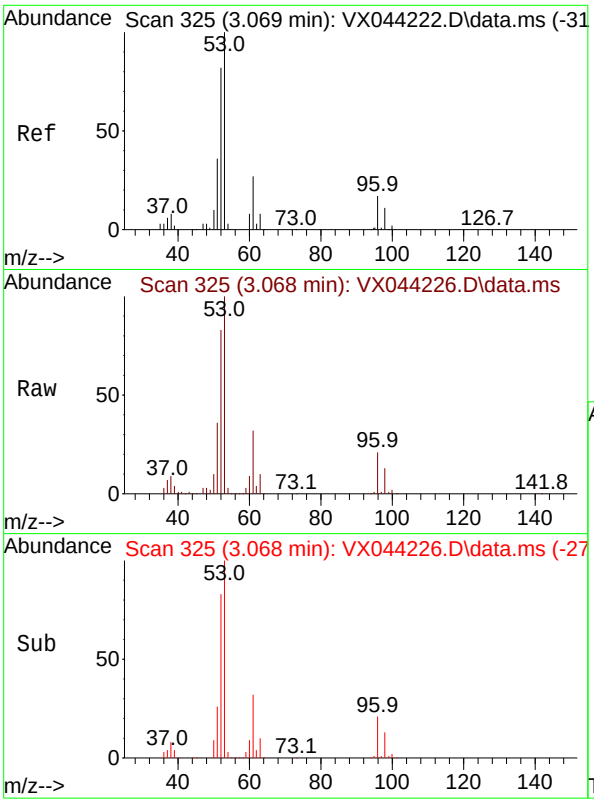


#14
Allyl chloride
Concen: 49.744 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 41 Resp: 124635

Ion	Ratio	Lower	Upper
41	100		
39	77.3	61.9	92.9
76	34.4	27.4	41.2



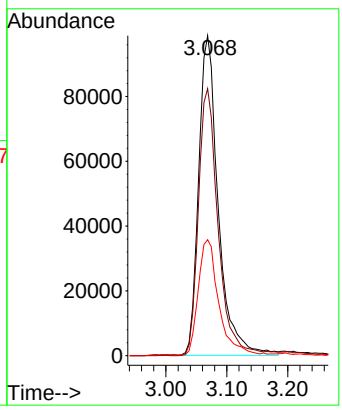


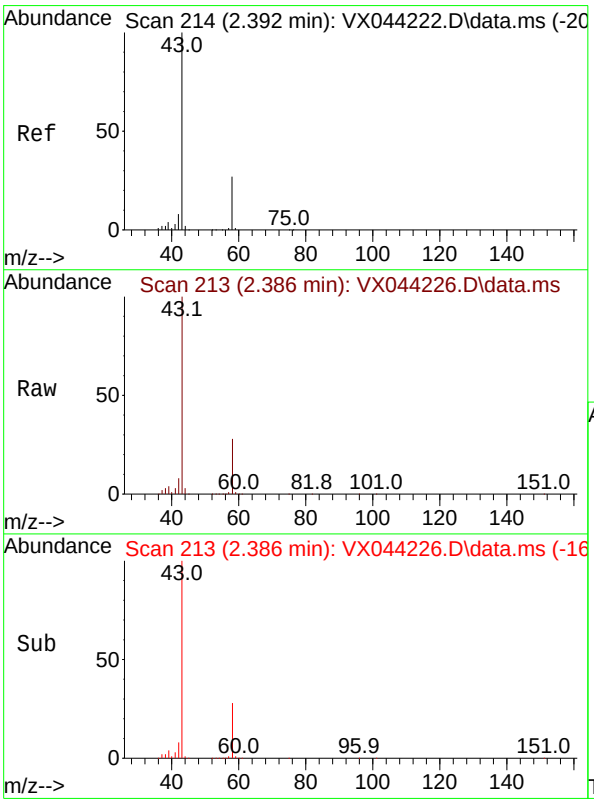
#15
Acrylonitrile
Concen: 240.620 ug/l
RT: 3.068 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion: 53 Resp: 221037

Ion	Ratio	Lower	Upper
53	100		
52	84.3	67.4	101.0
51	37.6	30.3	45.5

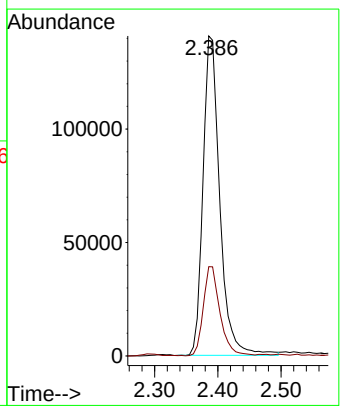


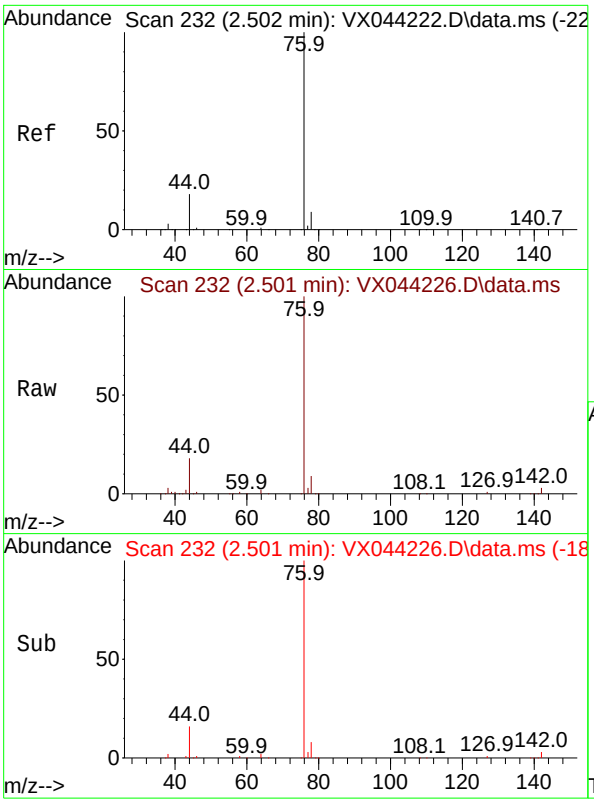


#16
Acetone
Concen: 271.312 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 43 Resp: 260267

Ion	Ratio	Lower	Upper
43	100		
58	27.8	21.6	32.4



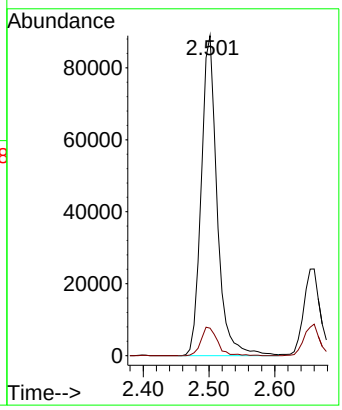


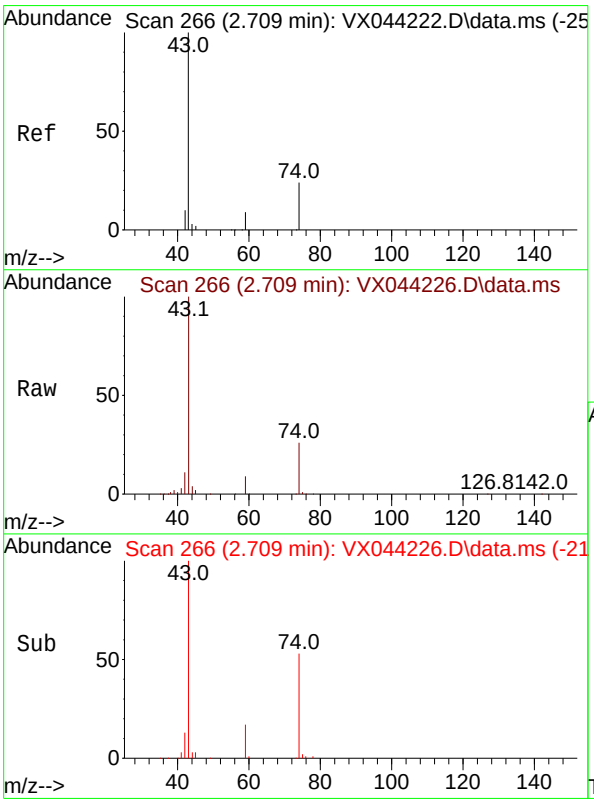
#17
Carbon Disulfide
Concen: 52.397 ug/l
RT: 2.501 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion: 76 Resp: 149824

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.4	11.0

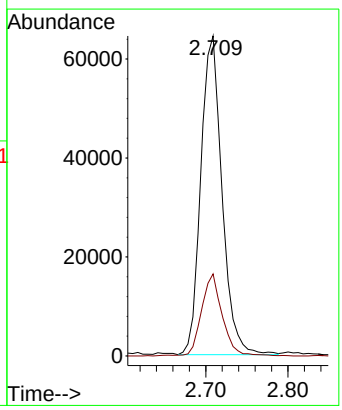


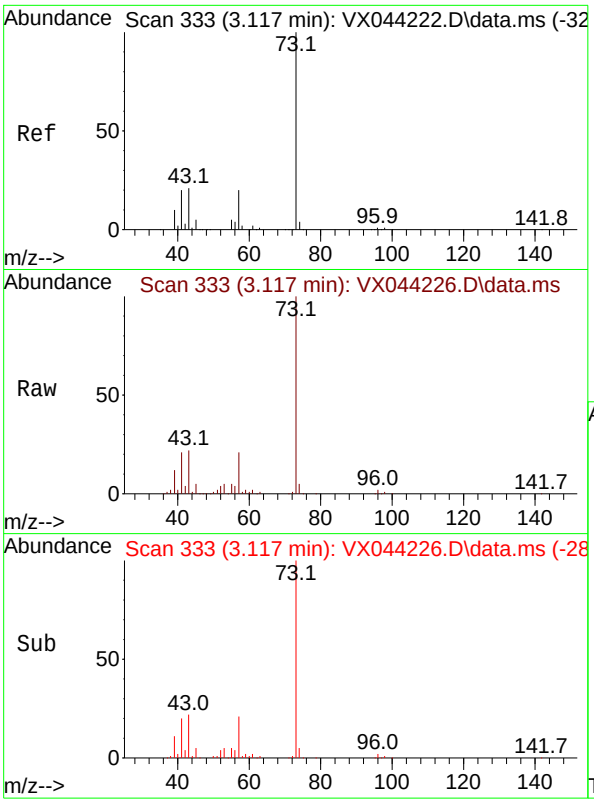


#18
Methyl Acetate
Concen: 46.725 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 43 Resp: 115569

Ion	Ratio	Lower	Upper
43	100		
74	25.3	17.7	26.5



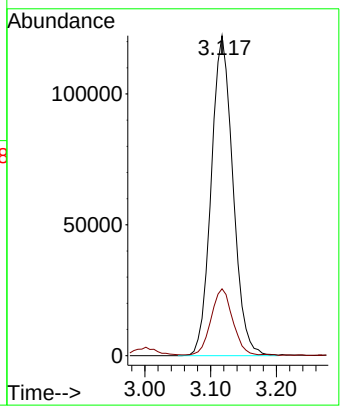


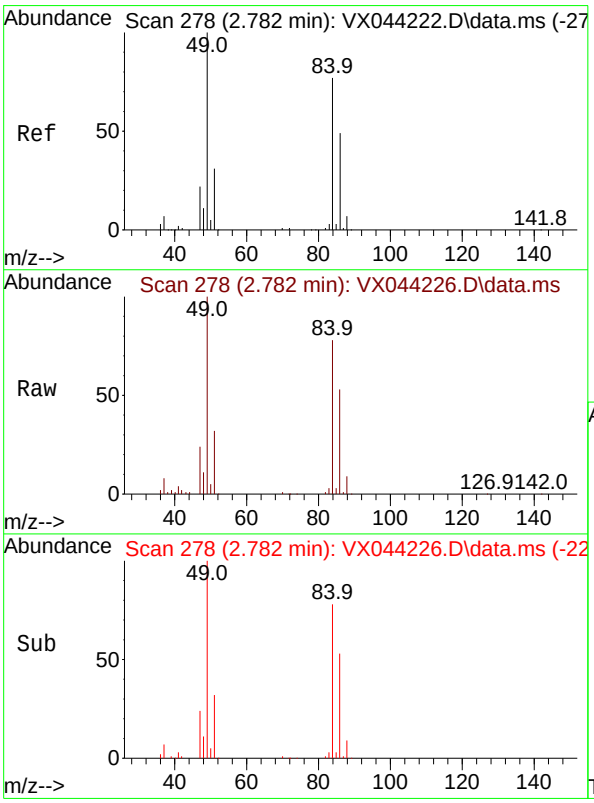
#19
Methyl tert-butyl Ether
Concen: 47.940 ug/l
RT: 3.117 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion: 73 Resp: 281413

Ion	Ratio	Lower	Upper
73	100		
57	20.8	16.2	24.4

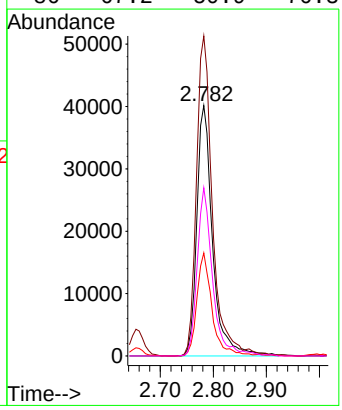


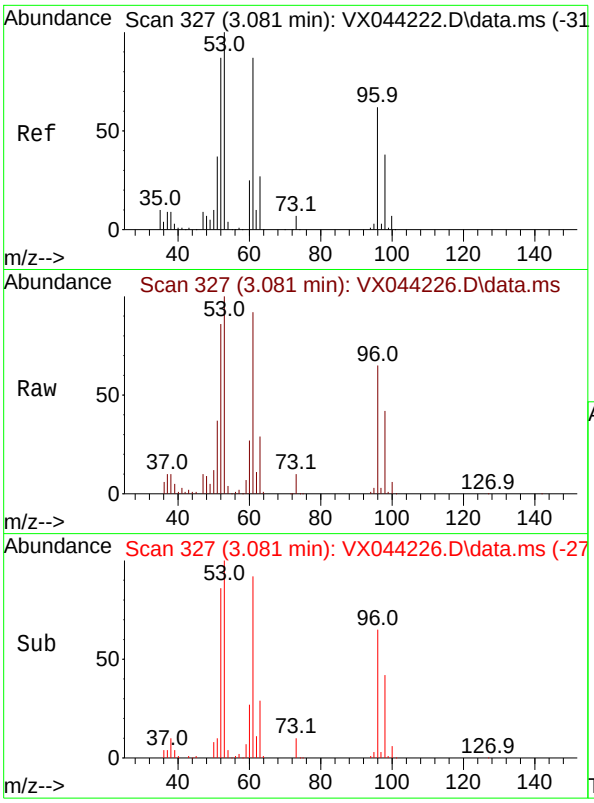


#20
Methylene Chloride
Concen: 46.170 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 84 Resp: 83188

Ion	Ratio	Lower	Upper
84	100		
49	127.6	104.2	156.4
51	41.1	32.2	48.4
86	67.2	50.9	76.3



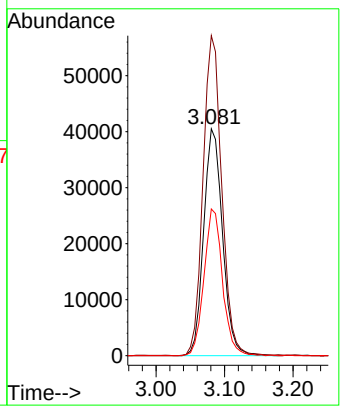


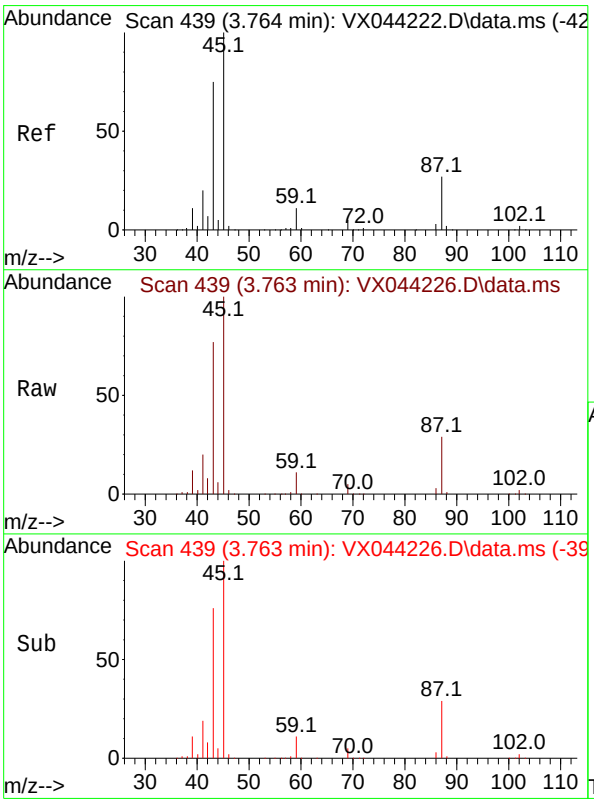
#21
trans-1,2-Dichloroethene
Concen: 48.459 ug/l
RT: 3.081 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion: 96 Resp: 77471

Ion	Ratio	Lower	Upper
96	100		
61	141.0	112.0	168.0
98	64.7	48.8	73.2

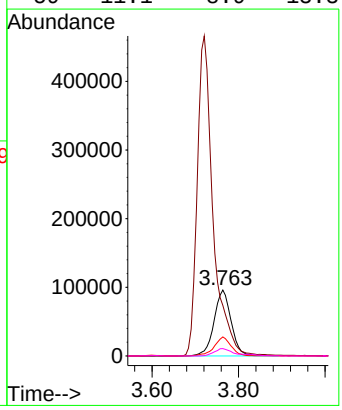


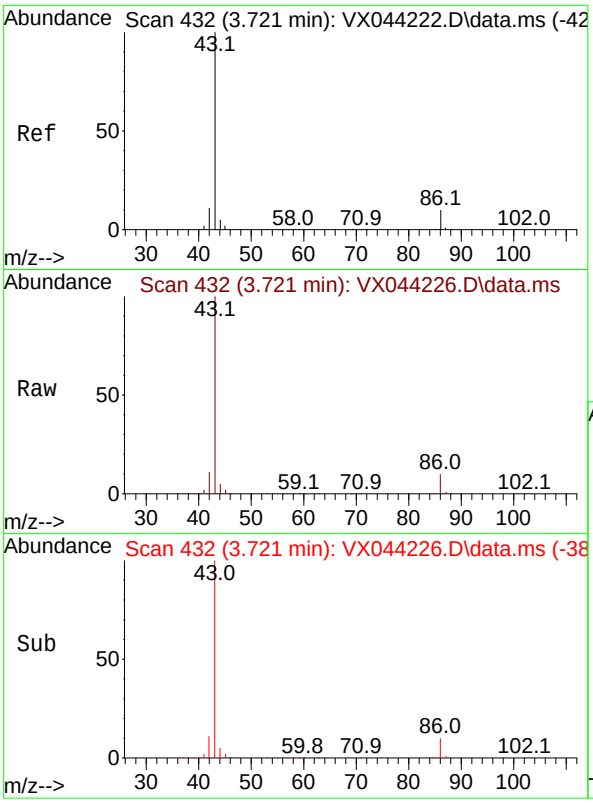


#22
Diisopropyl ether
Concen: 46.922 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 45 Resp: 264732

Ion	Ratio	Lower	Upper
45	100		
43	76.6	60.2	90.2
87	28.8	21.2	31.8
59	11.1	8.9	13.3



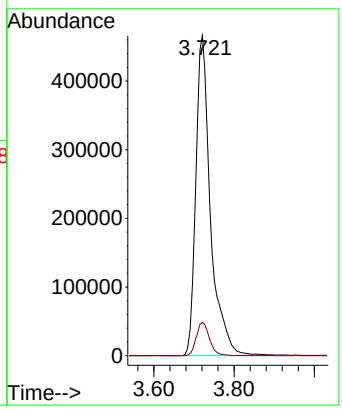


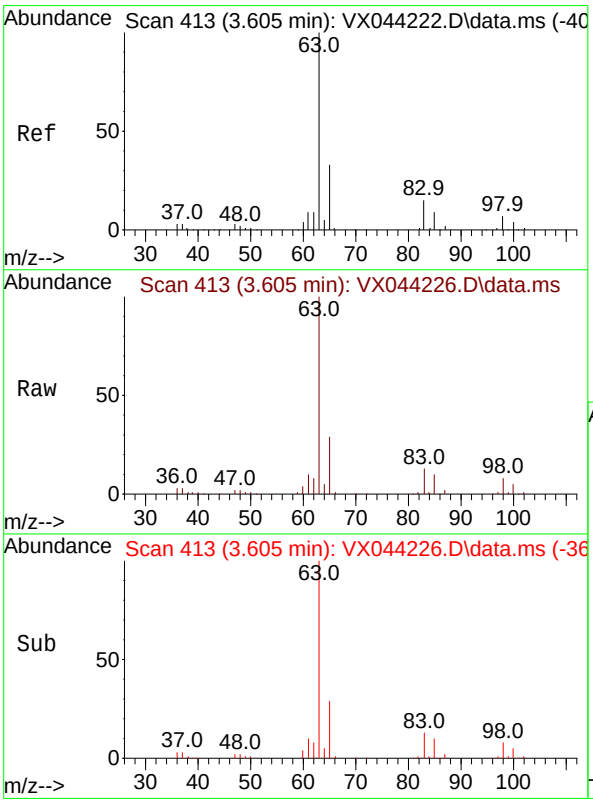
#23
Vinyl Acetate
Concen: 258.510 ug/l
RT: 3.721 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion: 43 Resp: 1185779

Ion	Ratio	Lower	Upper
43	100		
86	10.4	8.2	12.2

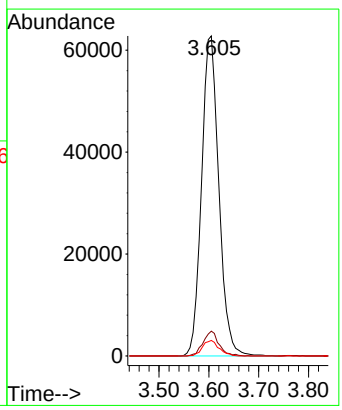


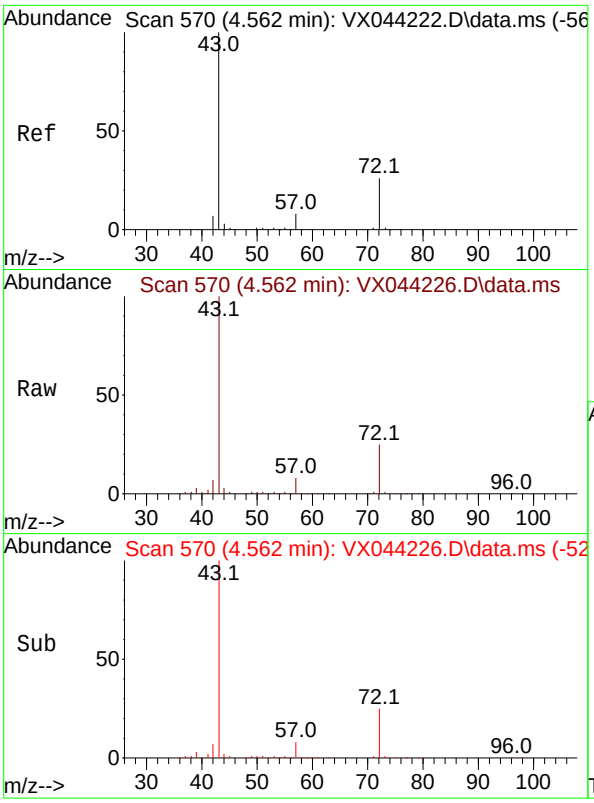


#24
1,1-Dichloroethane
Concen: 48.056 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 63 Resp: 151134

Ion	Ratio	Lower	Upper
63	100		
98	7.8	3.6	10.8
100	4.8	2.1	6.3



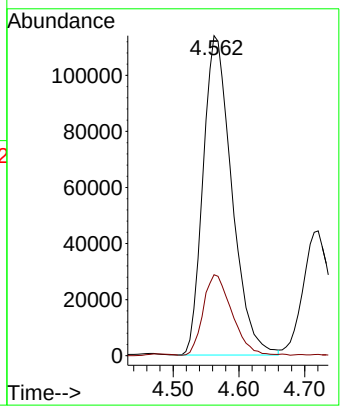


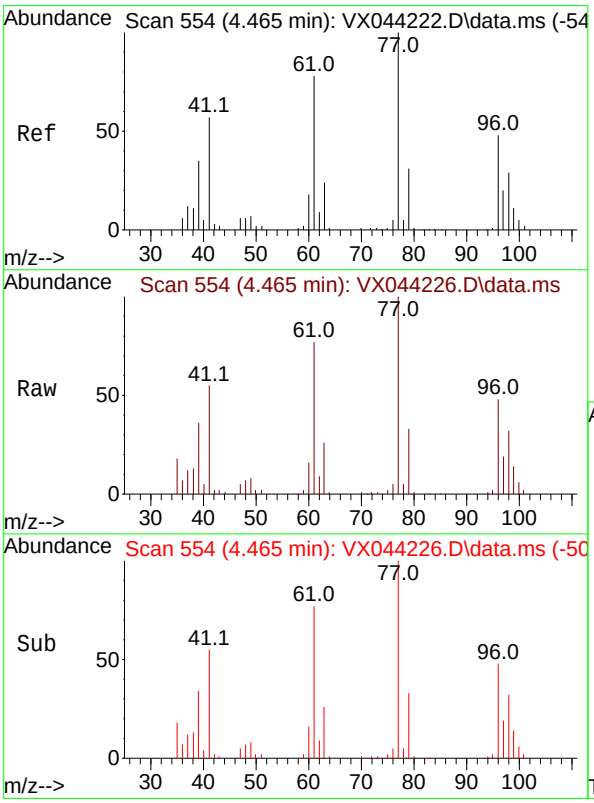
#25
2-Butanone
Concen: 253.747 ug/l
RT: 4.562 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion: 43 Resp: 346052

Ion	Ratio	Lower	Upper
43	100		
72	25.2	20.2	30.4

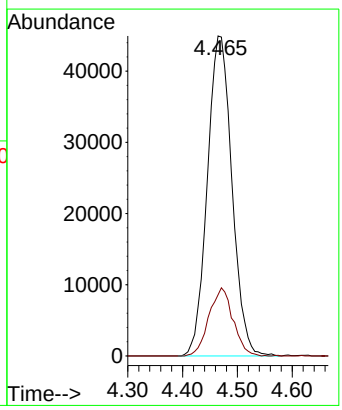


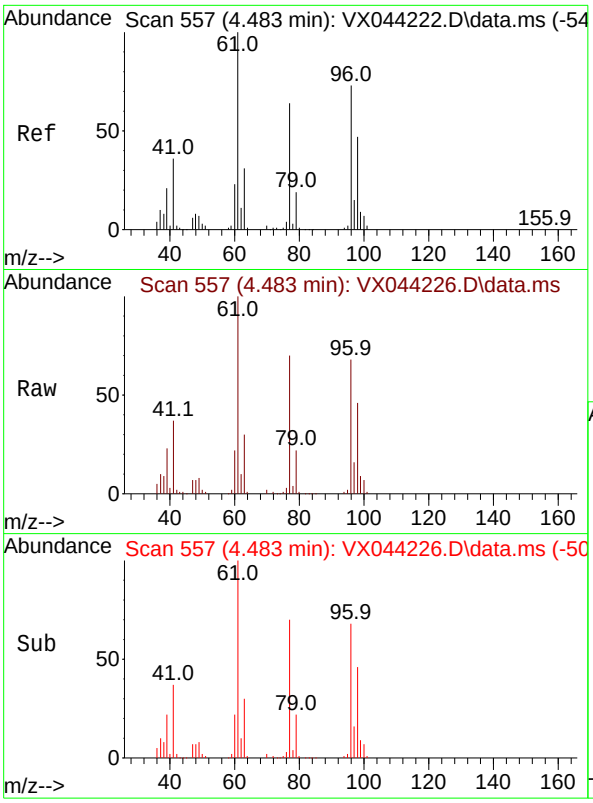


#26
2,2-Dichloropropane
Concen: 54.872 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 77 Resp: 140196

Ion	Ratio	Lower	Upper
77	100		
97	20.8	10.7	32.1



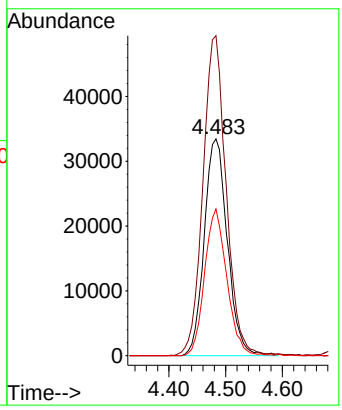


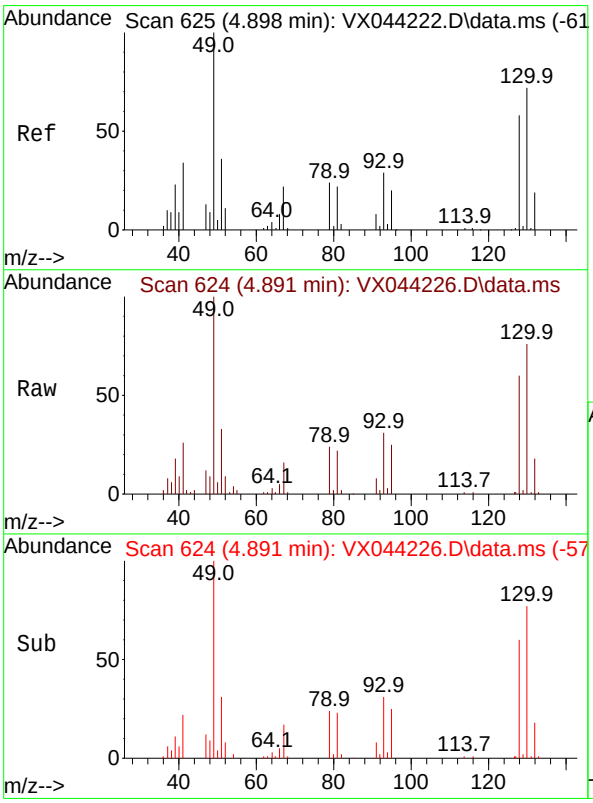
#27
cis-1,2-Dichloroethene
Concen: 46.709 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion: 96 Resp: 94838

Ion	Ratio	Lower	Upper
96	100		
61	147.7	0.0	299.0
98	64.9	0.0	129.0

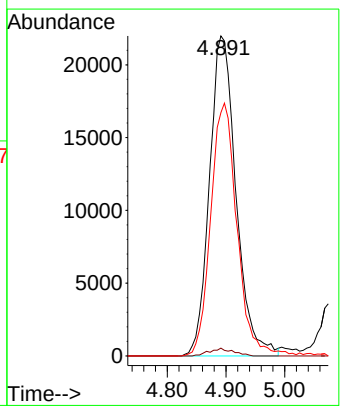


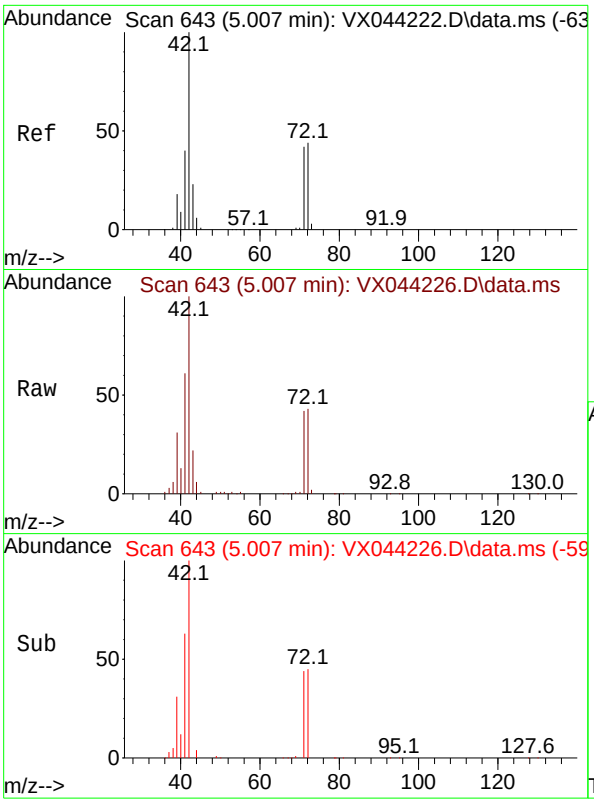


#28
Bromochloromethane
Concen: 44.832 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 49 Resp: 69139

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	78.1	62.1	93.1



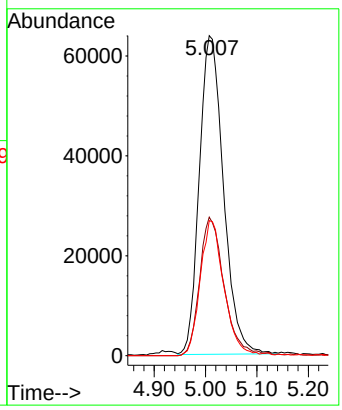


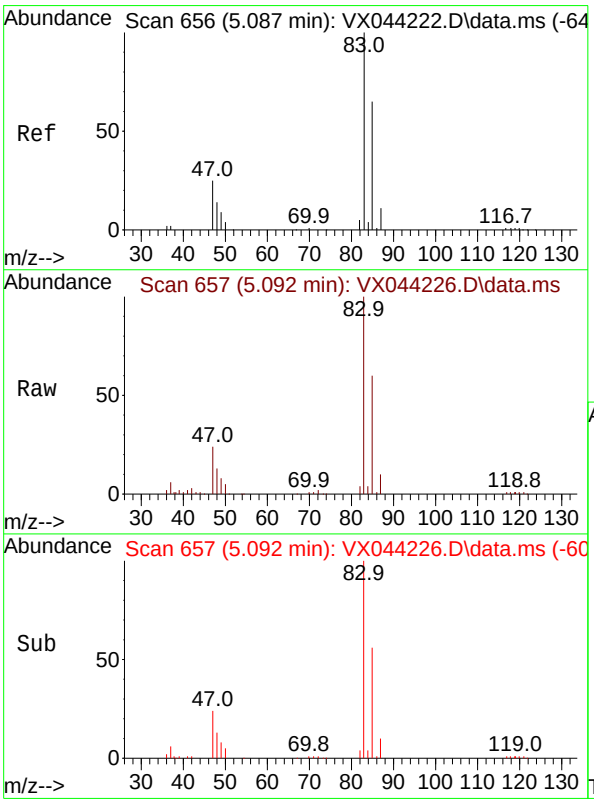
#29
Tetrahydrofuran
Concen: 238.031 ug/l
RT: 5.007 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion: 42 Resp: 208362

Ion	Ratio	Lower	Upper
42	100		
72	44.2	37.0	55.6
71	41.5	33.6	50.4

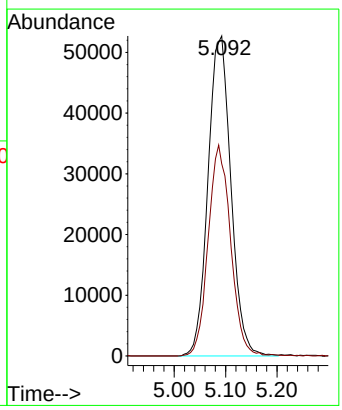


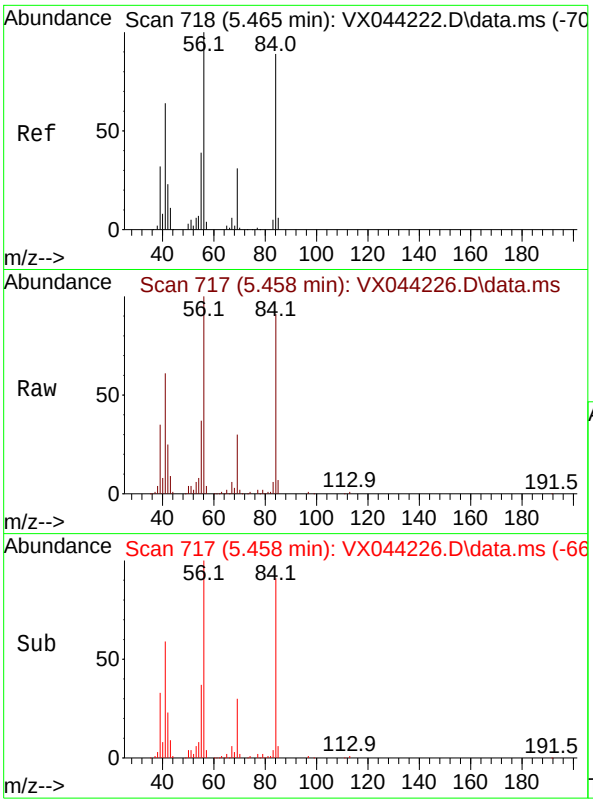


#30
Chloroform
Concen: 46.235 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 83 Resp: 163372

Ion	Ratio	Lower	Upper
83	100		
85	60.0	51.6	77.4



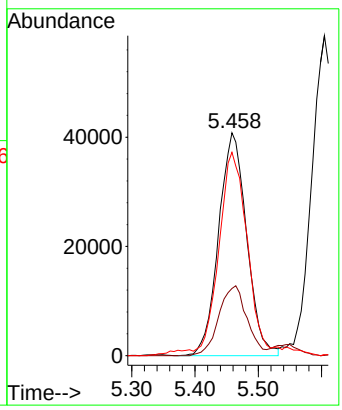


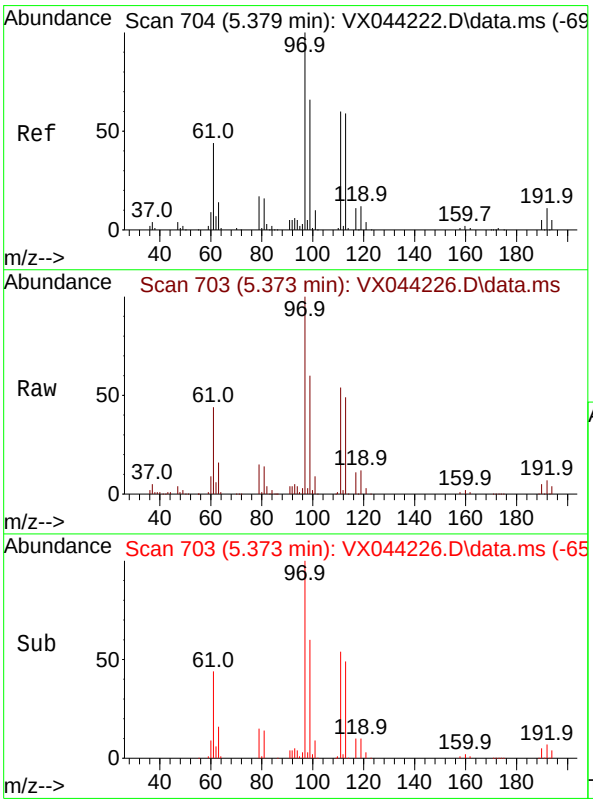
#31
Cyclohexane
Concen: 49.443 ug/l
RT: 5.458 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion: 56 Resp: 125567

Ion	Ratio	Lower	Upper
56	100		
69	30.2	24.7	37.1
84	88.8	71.0	106.6

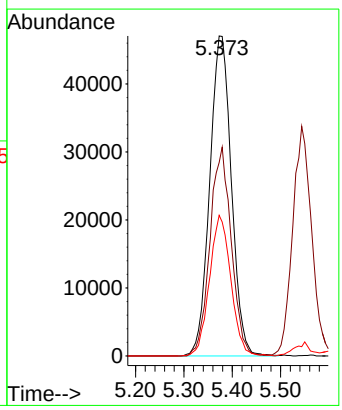


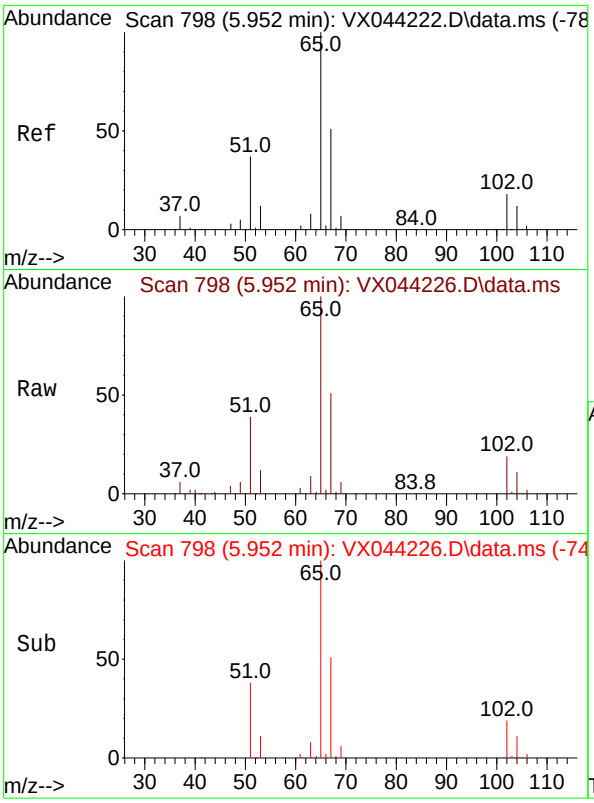


#32
1,1,1-Trichloroethane
Concen: 49.895 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 97 Resp: 146348

Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.8	76.2
61	43.3	35.2	52.8



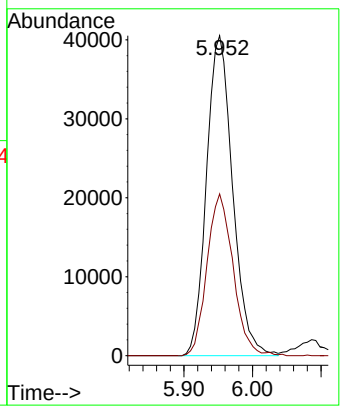


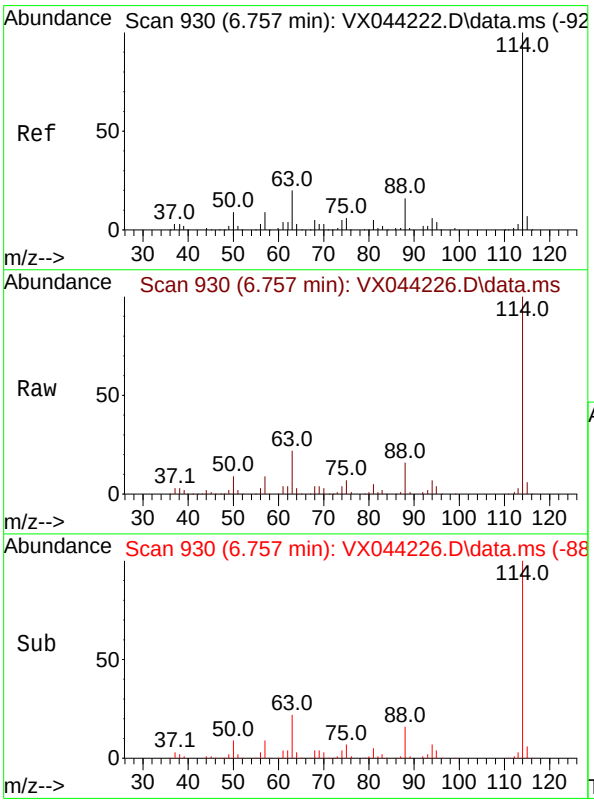
#33
1,2-Dichloroethane-d4
Concen: 45.646 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion: 65 Resp: 107407

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	101.6

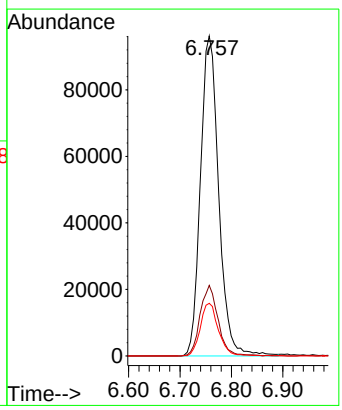


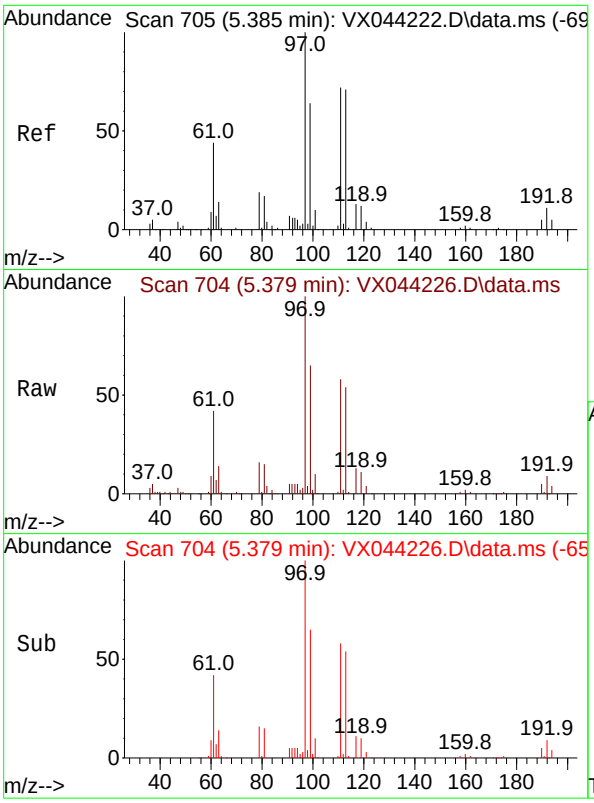


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:114 Resp: 237295

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	40.6
88	16.4	0.0	31.8



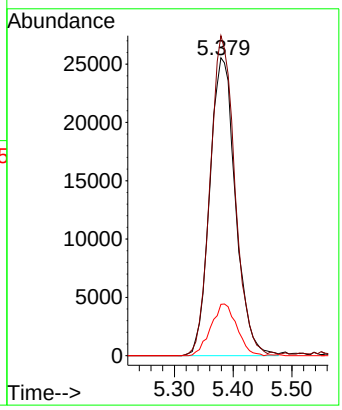


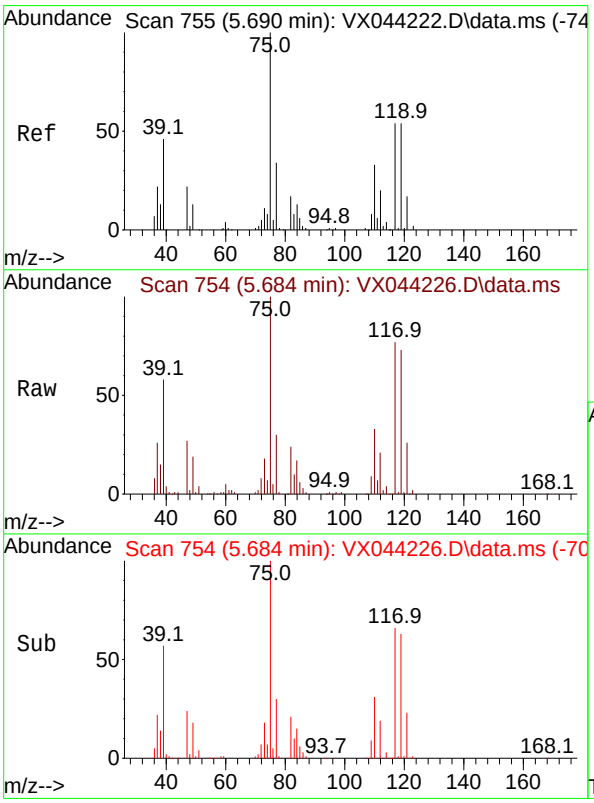
#35
Dibromofluoromethane
Concen: 47.228 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion:113 Resp: 77619

Ion	Ratio	Lower	Upper
113	100		
111	103.8	80.4	120.6
192	17.5	13.3	19.9

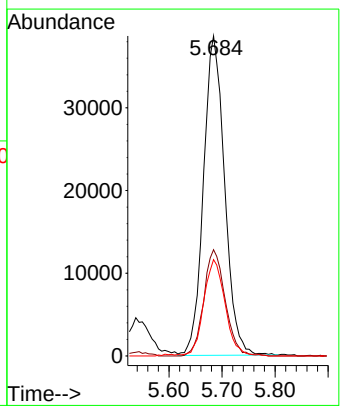


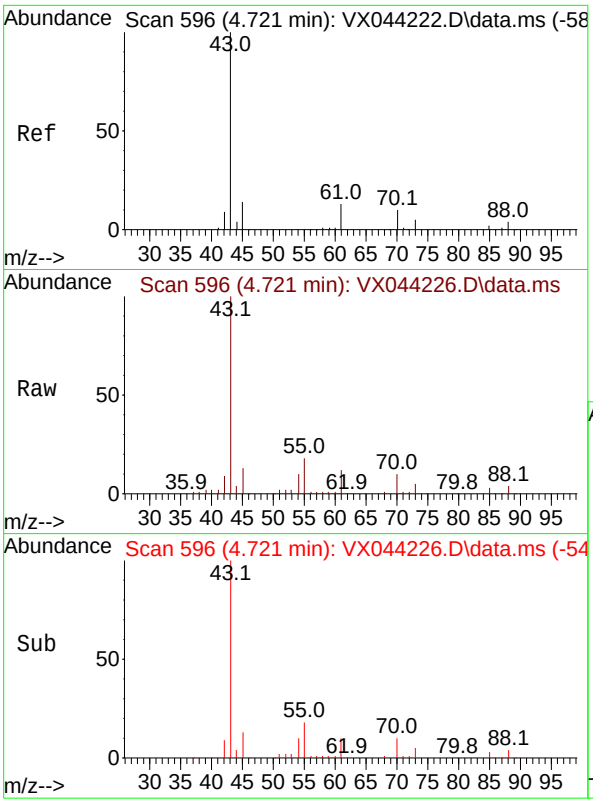


#36
1,1-Dichloropropene
Concen: 50.314 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 75 Resp: 106889

Ion	Ratio	Lower	Upper
75	100		
110	33.8	17.3	51.7
77	30.5	25.4	38.0



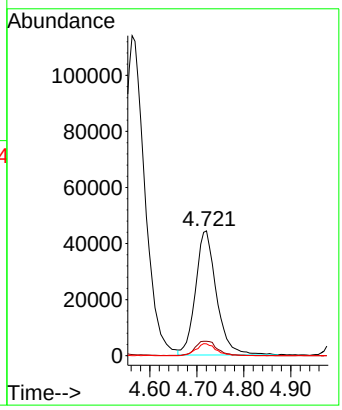


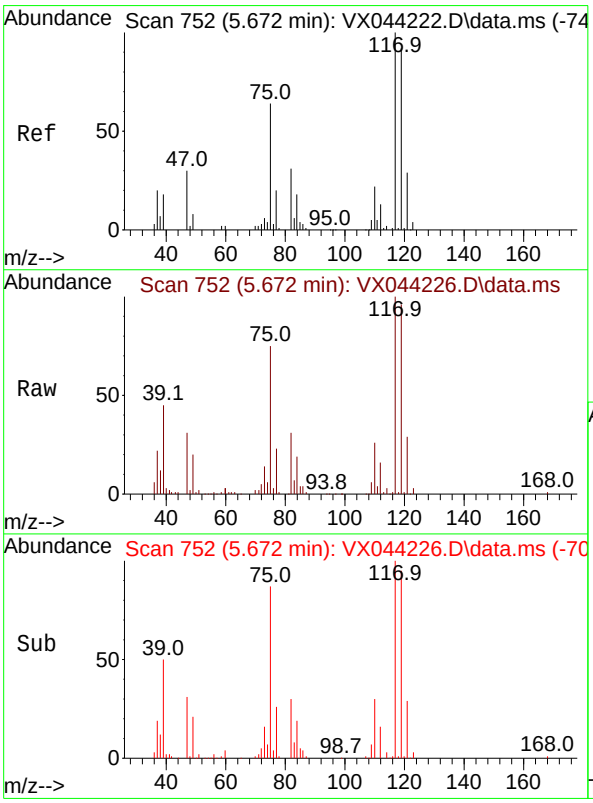
#37
Ethyl Acetate
Concen: 52.176 ug/l
RT: 4.721 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion: 43 Resp: 137017

Ion	Ratio	Lower	Upper
43	100		
61	12.0	9.8	14.8
70	9.4	7.7	11.5

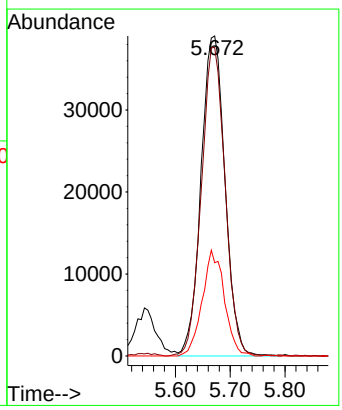


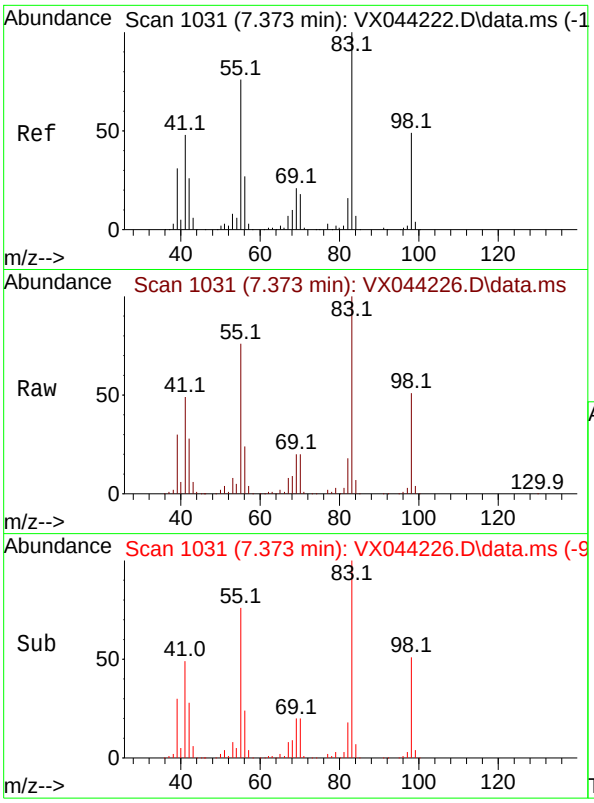


#38
Carbon Tetrachloride
Concen: 51.763 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:117 Resp: 118390

Ion	Ratio	Lower	Upper
117	100		
119	96.0	74.2	111.4
121	29.1	23.0	34.6



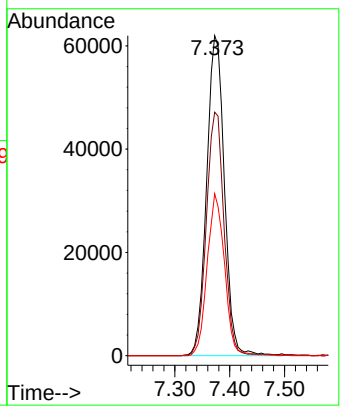


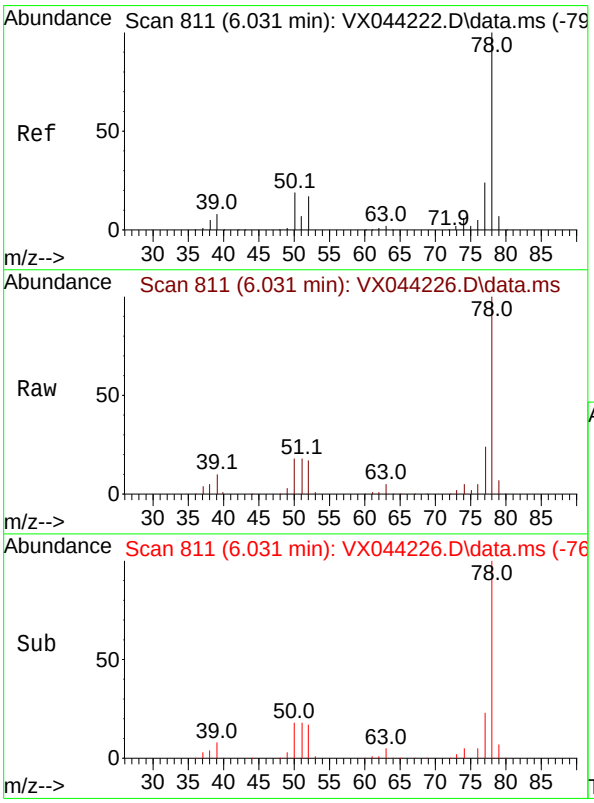
#39
Methylcyclohexane
Concen: 54.761 ug/l
RT: 7.373 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion: 83 Resp: 139077

Ion	Ratio	Lower	Upper
83	100		
55	76.1	60.7	91.1
98	50.6	38.9	58.3

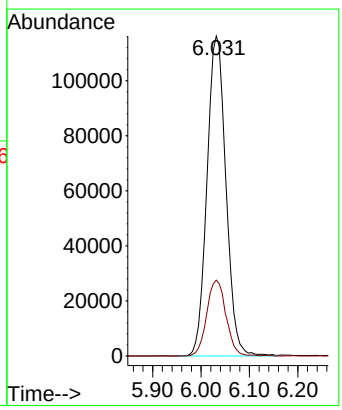


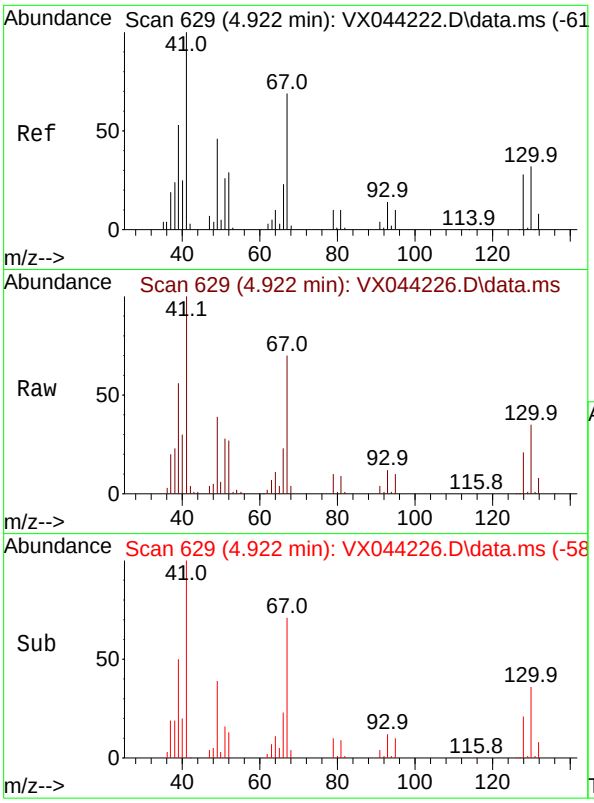


#40
Benzene
Concen: 49.052 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 78 Resp: 316391

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.3	28.9



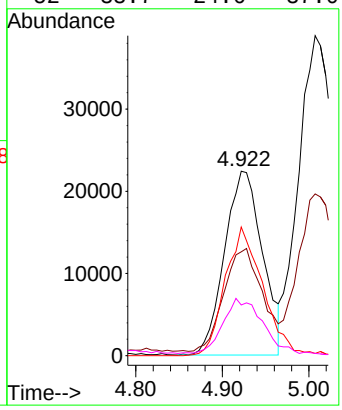


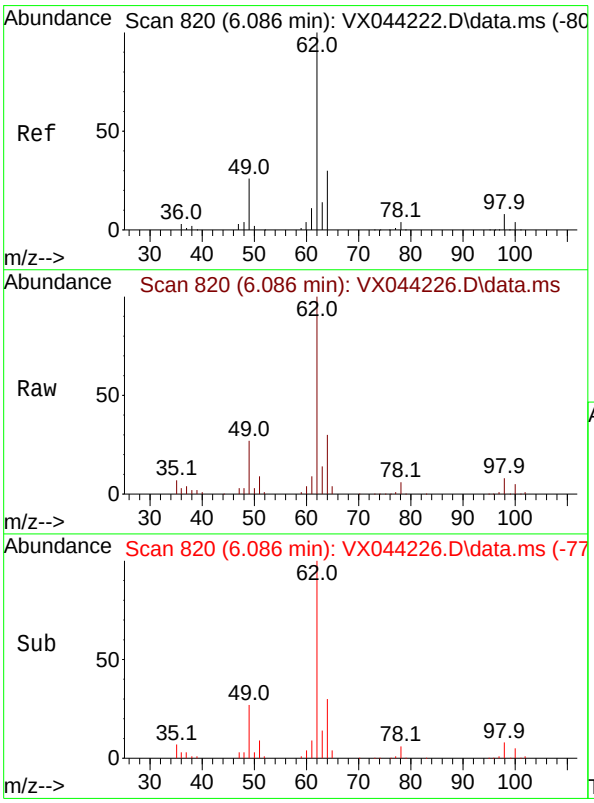
#41
Methacrylonitrile
Concen: 48.945 ug/l
RT: 4.922 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion: 41 Resp: 68251

Ion	Ratio	Lower	Upper
41	100		
39	56.3	44.2	66.4
67	69.8	57.2	85.8
52	33.7	24.6	37.0

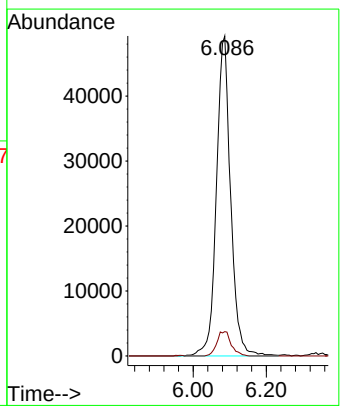


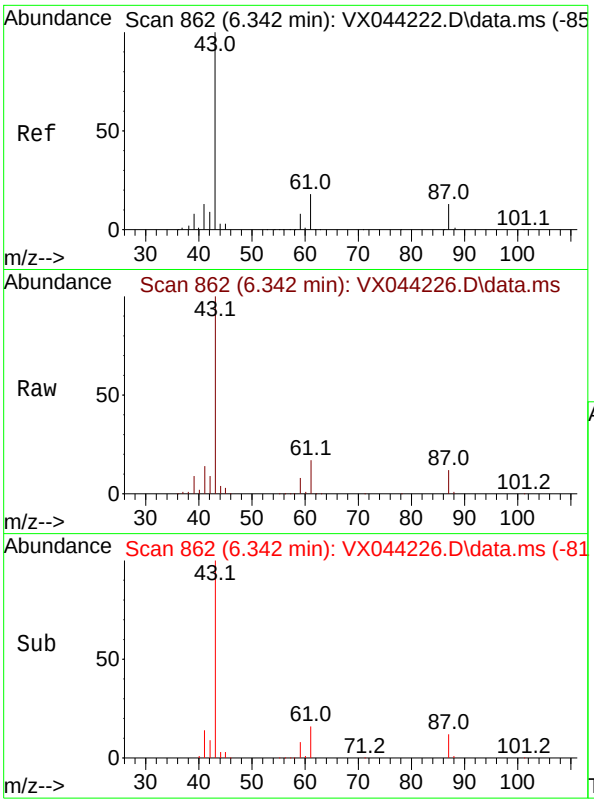


#42
1,2-Dichloroethane
Concen: 49.960 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 62 Resp: 132744

Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.8



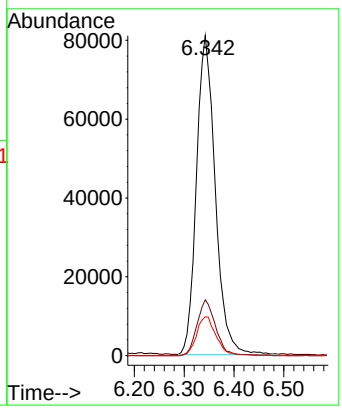


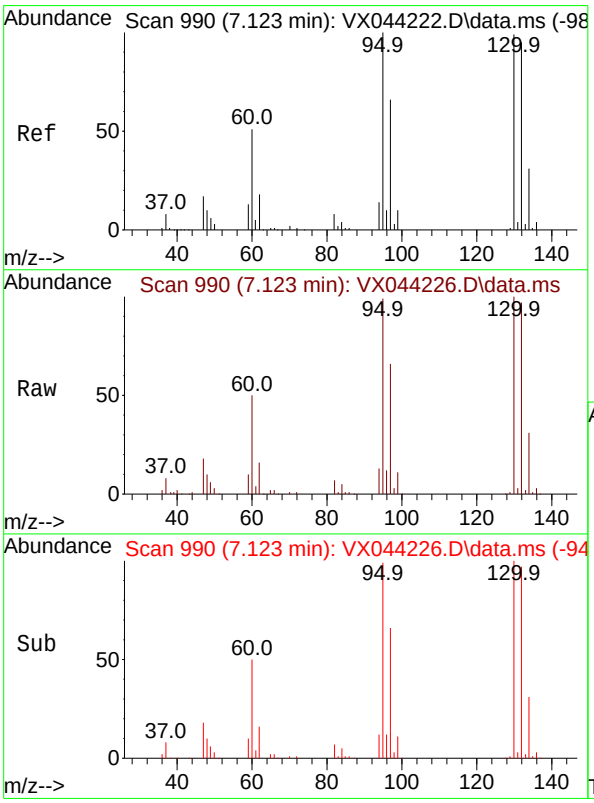
#43
Isopropyl Acetate
Concen: 51.624 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion: 43 Resp: 211889

Ion	Ratio	Lower	Upper
43	100		
61	17.4	14.2	21.2
87	12.7	10.2	15.2

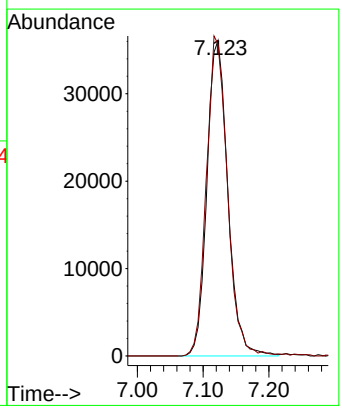


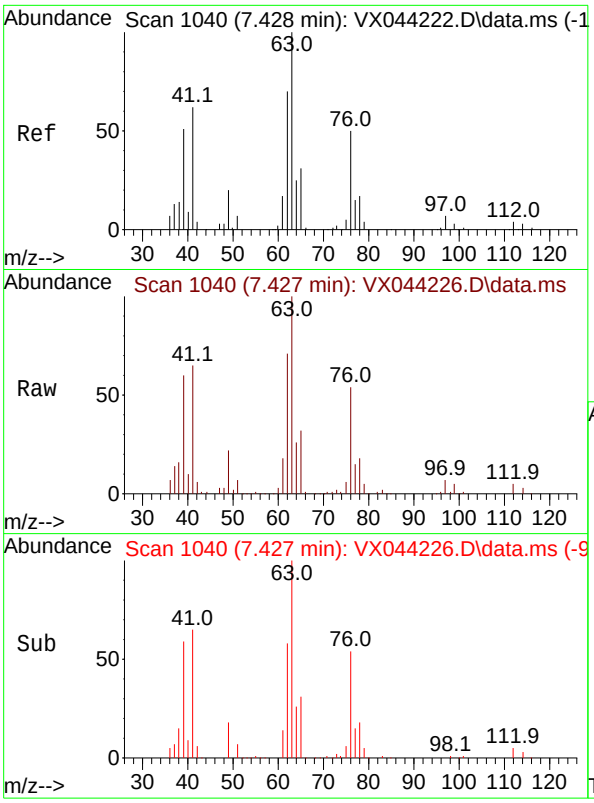


#44
Trichloroethene
Concen: 49.741 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:130 Resp: 80008

Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	201.4



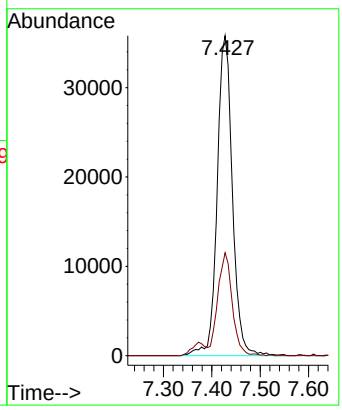


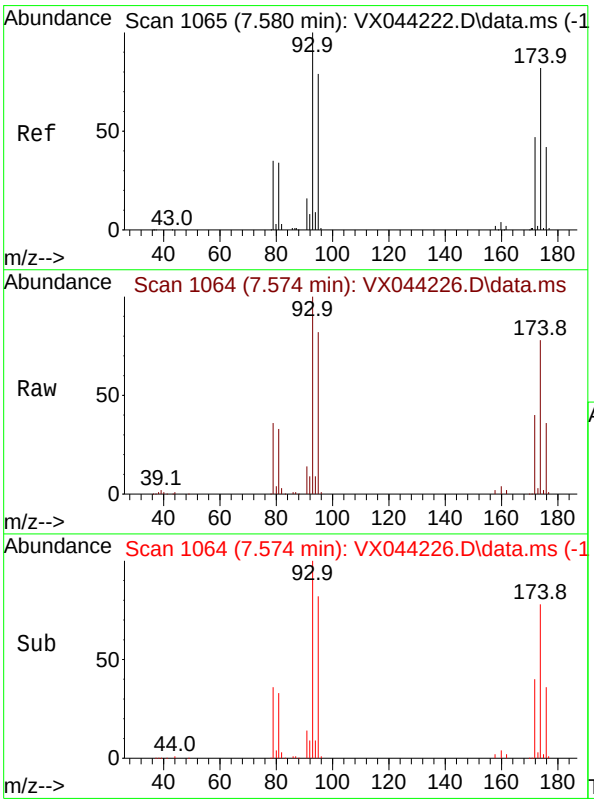
#45
1,2-Dichloropropane
Concen: 47.528 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion: 63 Resp: 78321

Ion	Ratio	Lower	Upper
63	100		
65	32.1	24.6	37.0

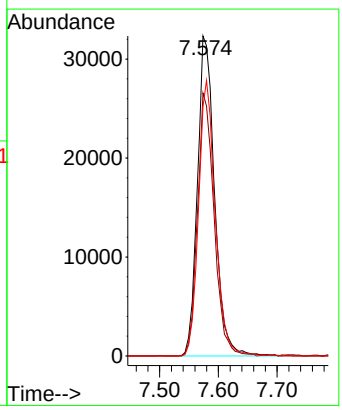


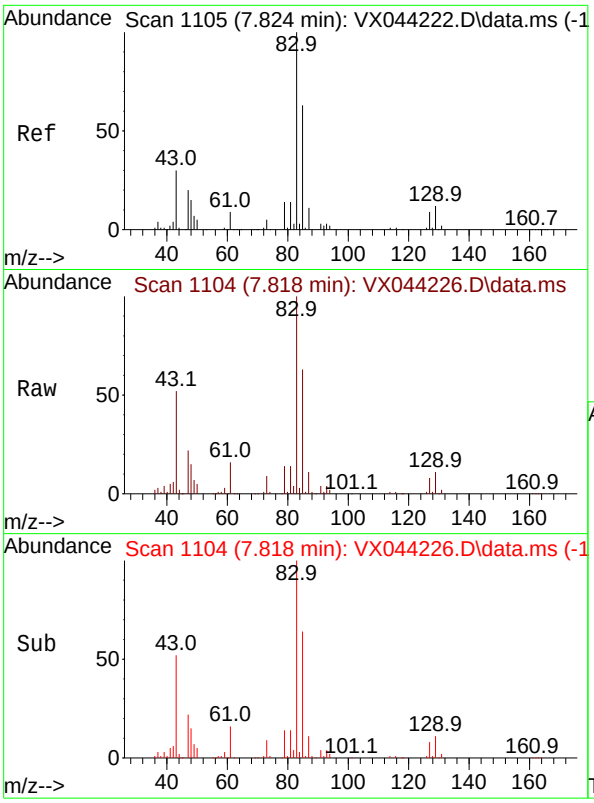


#46
Dibromomethane
Concen: 51.227 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 93 Resp: 65491

Ion	Ratio	Lower	Upper
93	100		
95	80.5	65.4	98.2
174	84.0	67.9	101.9



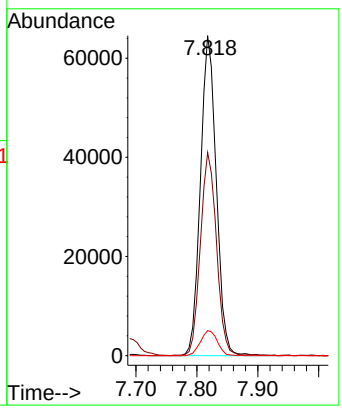


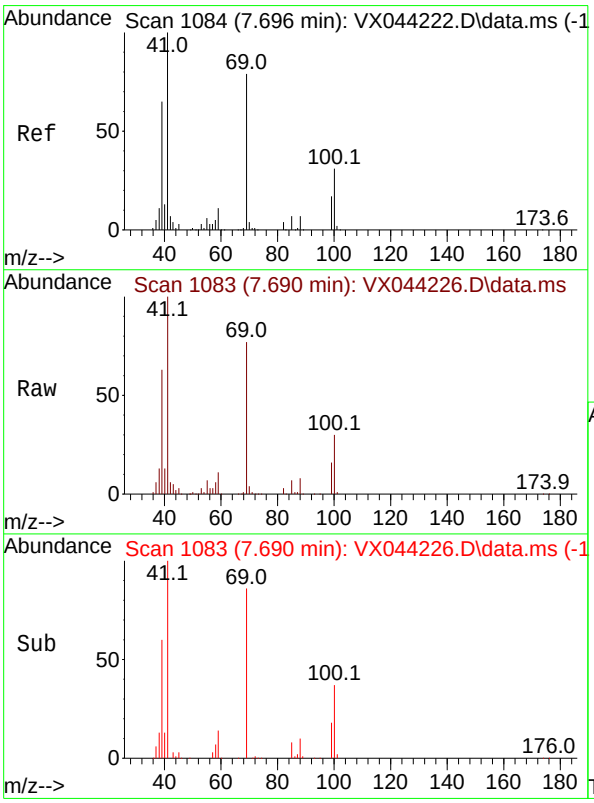
#47
Bromodichloromethane
Concen: 52.893 ug/l
RT: 7.818 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion: 83 Resp: 116783

Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.6	75.8
127	7.9	7.3	10.9

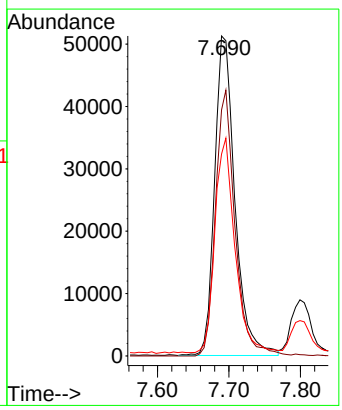


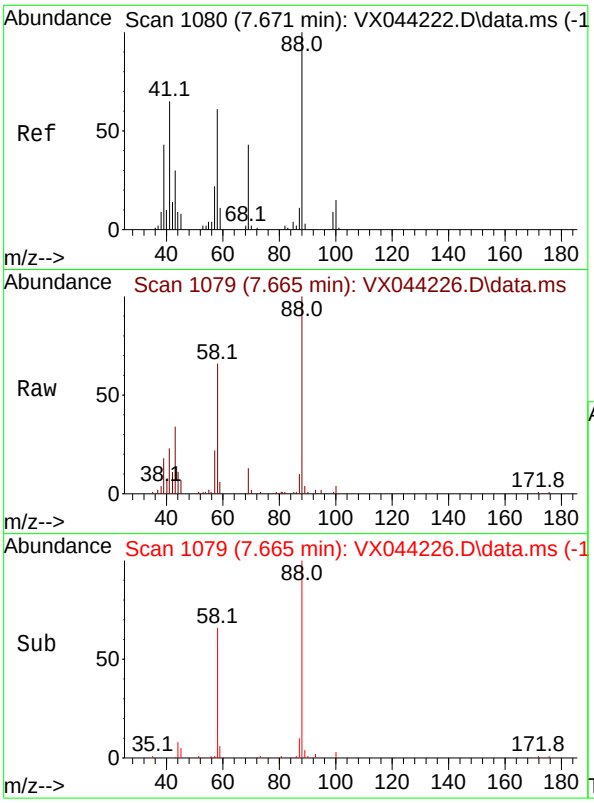


#48
Methyl methacrylate
Concen: 50.852 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 41 Resp: 101318

Ion	Ratio	Lower	Upper
41	100		
69	79.9	62.4	93.6
39	66.0	53.3	79.9



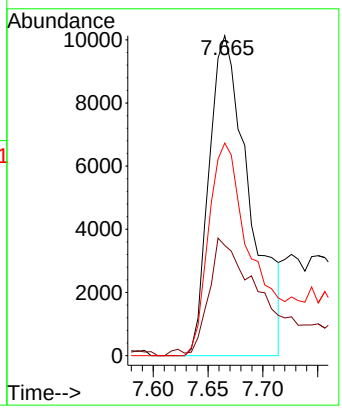


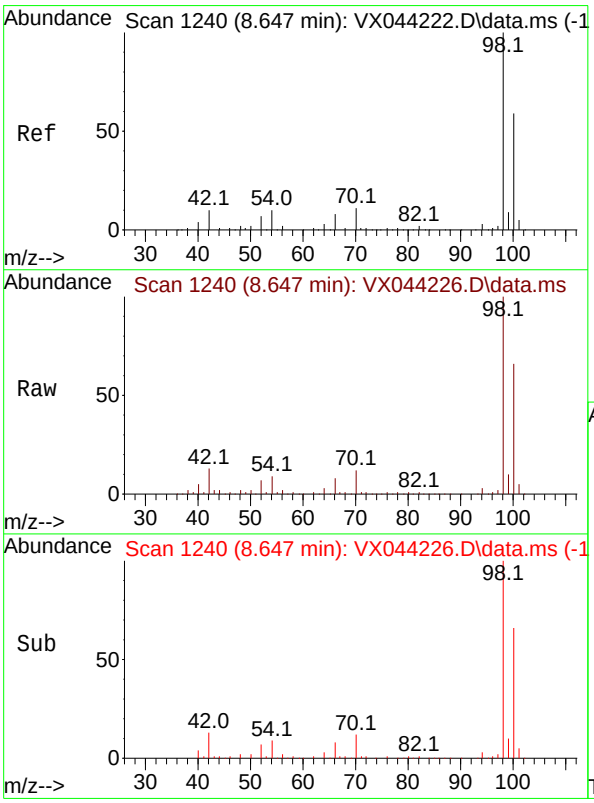
#49
1,4-Dioxane
Concen: 791.313 ug/l
RT: 7.665 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion: 88 Resp: 26140

Ion	Ratio	Lower	Upper
88	100		
43	51.8	27.1	40.7#
58	70.7	41.0	61.4#

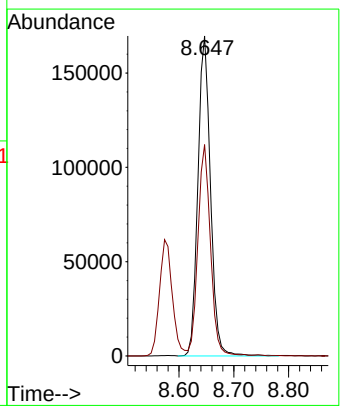


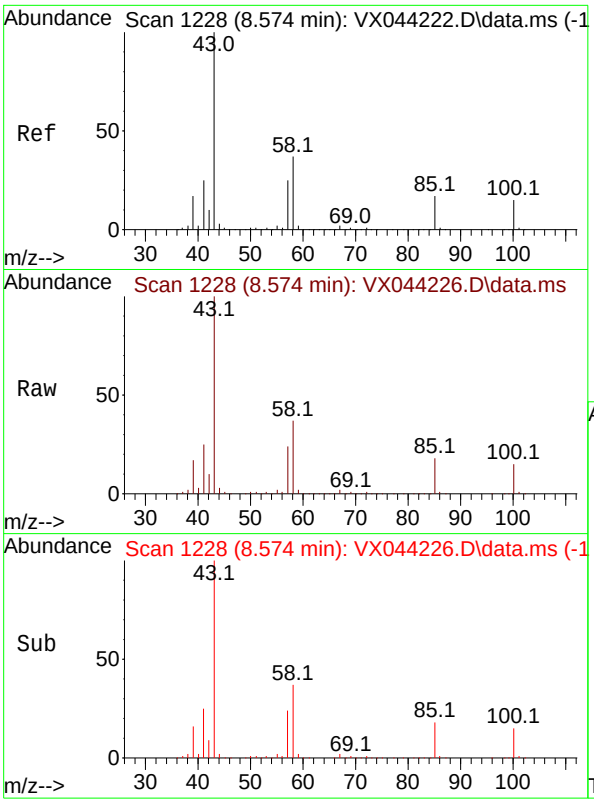


#50
Toluene-d8
Concen: 48.968 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 98 Resp: 271508

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.5	77.3



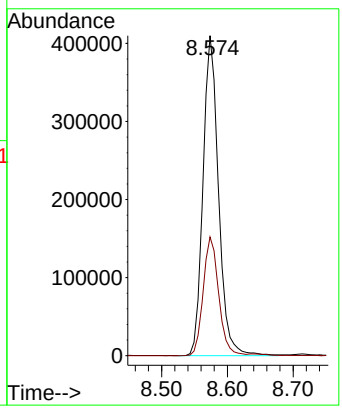


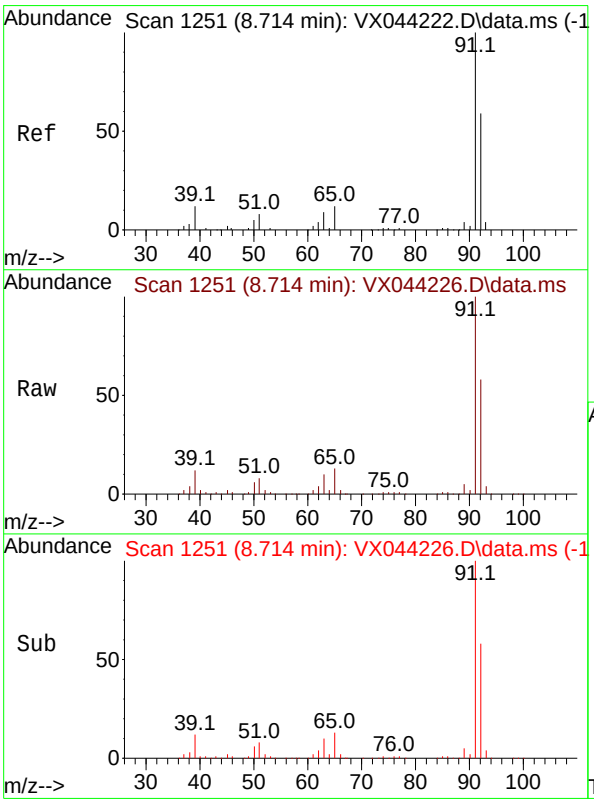
#51
4-Methyl-2-Pentanone
Concen: 255.038 ug/l
RT: 8.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion: 43 Resp: 673069

Ion	Ratio	Lower	Upper
43	100		
58	37.0	29.4	44.0

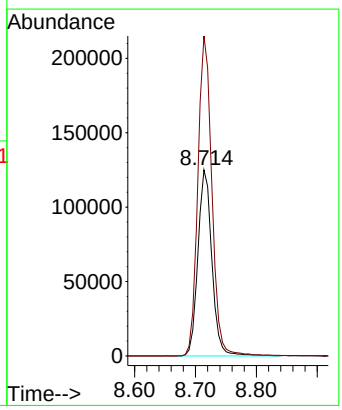


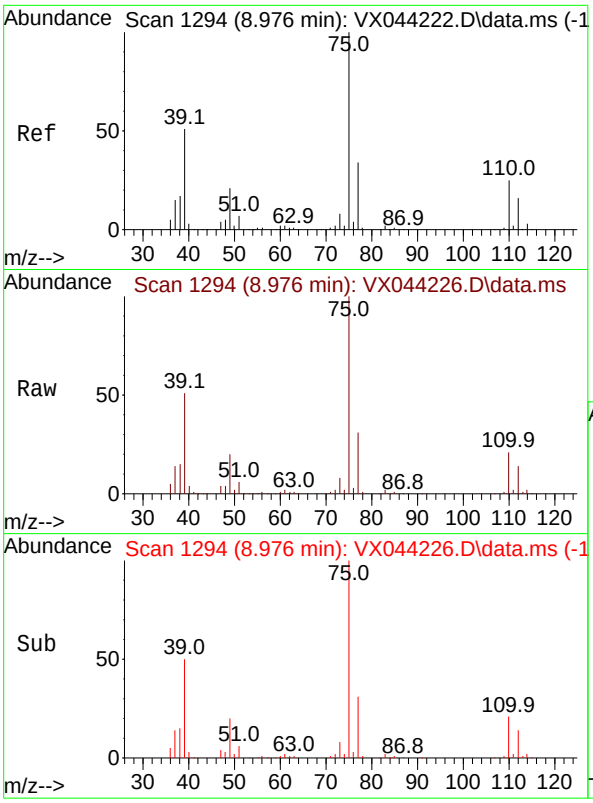


#52
Toluene
Concen: 49.199 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 92 Resp: 199281

Ion	Ratio	Lower	Upper
92	100		
91	173.2	137.0	205.6



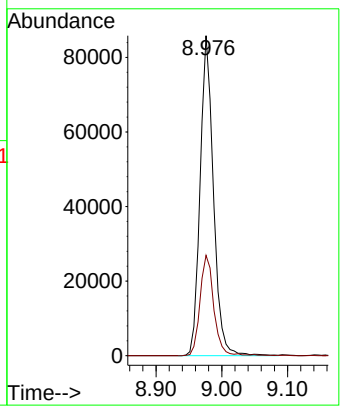


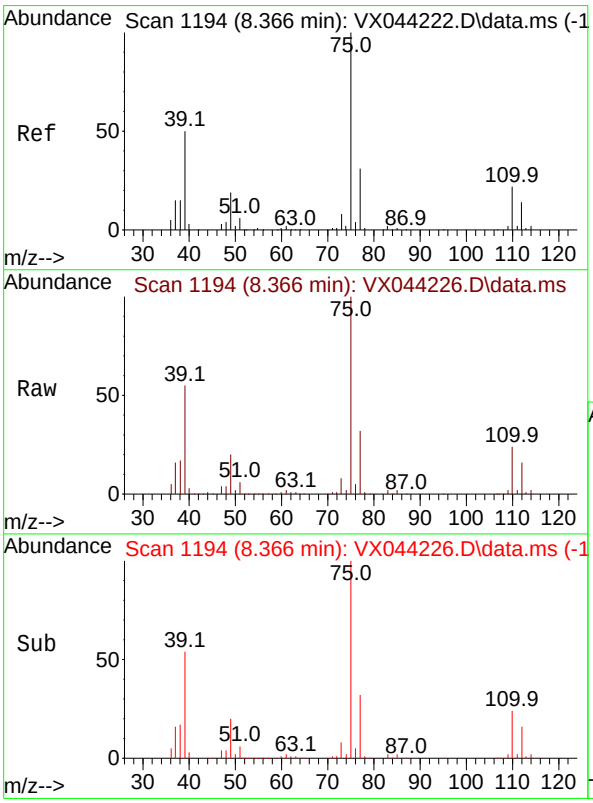
#53
t-1,3-Dichloropropene
Concen: 50.864 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion: 75 Resp: 120696

Ion	Ratio	Lower	Upper
75	100		
77	31.4	27.2	40.8

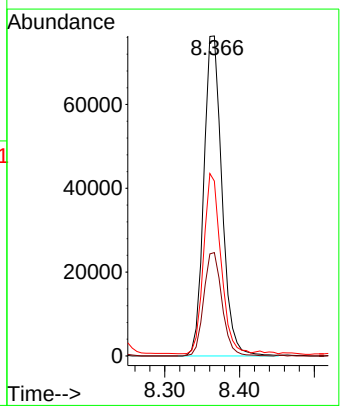


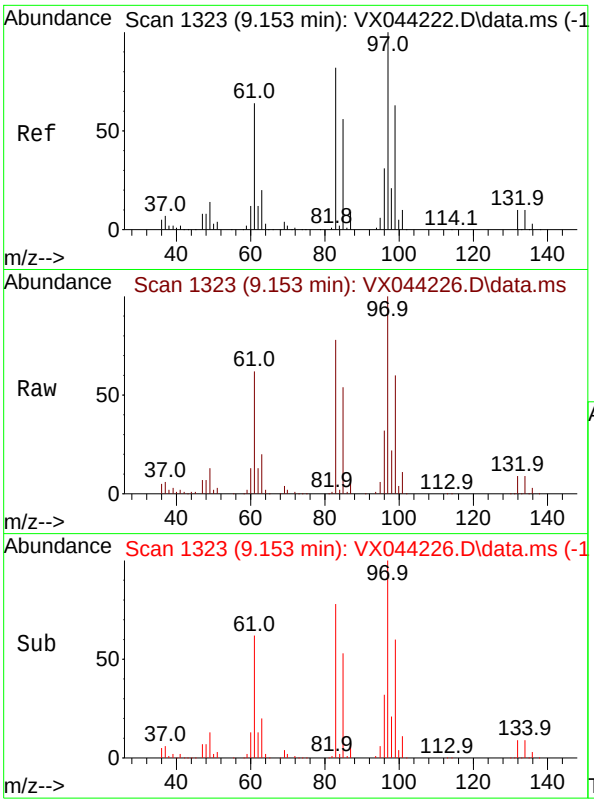


#54
cis-1,3-Dichloropropene
Concen: 53.607 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 75 Resp: 128875

Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.7	37.1
39	53.9	40.3	60.5



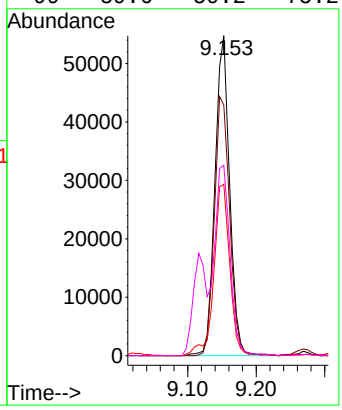


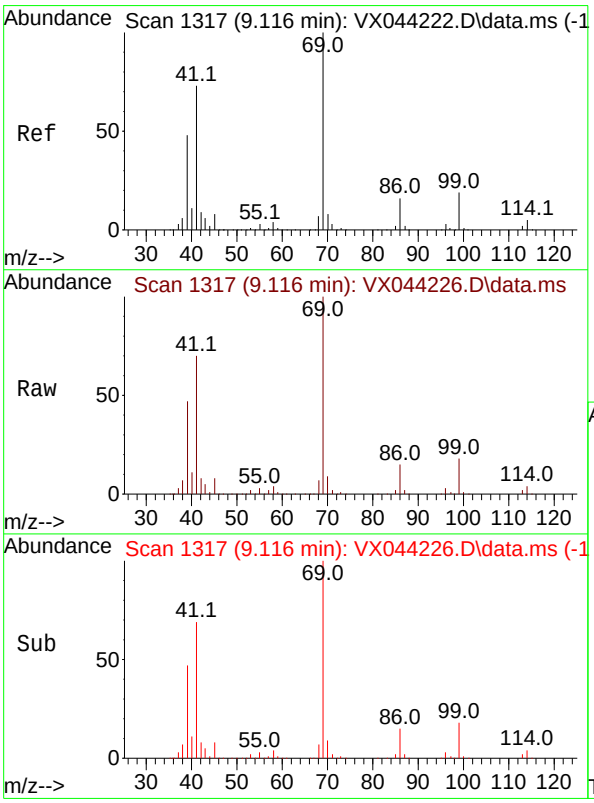
#55
1,1,2-Trichloroethane
Concen: 50.562 ug/l
RT: 9.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion: 97 Resp: 81362

Ion	Ratio	Lower	Upper
97	100		
83	78.3	65.3	97.9
85	53.6	44.6	67.0
99	59.6	50.2	75.2

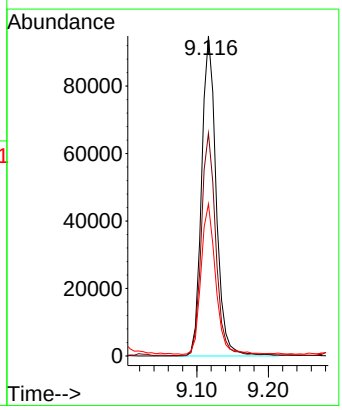


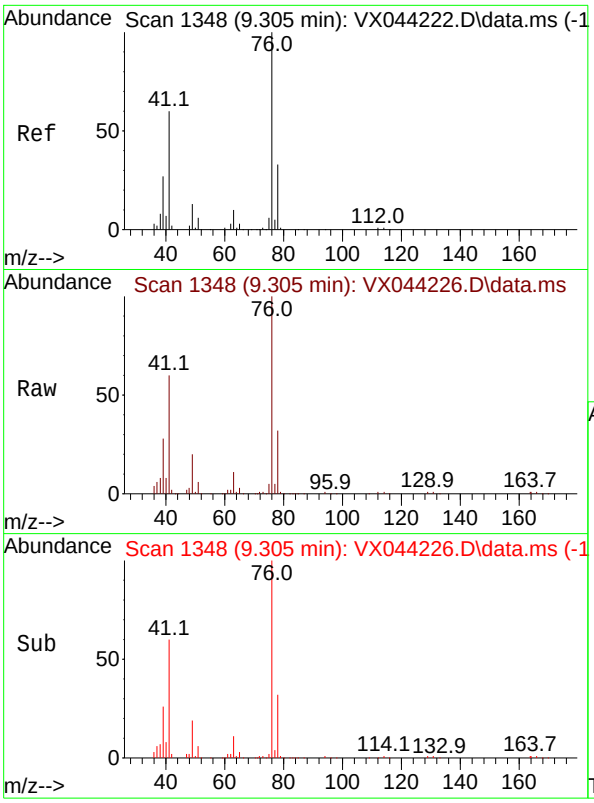


#56
Ethyl methacrylate
Concen: 52.890 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 69 Resp: 134357

Ion	Ratio	Lower	Upper
69	100		
41	68.6	56.6	85.0
39	47.2	37.4	56.0



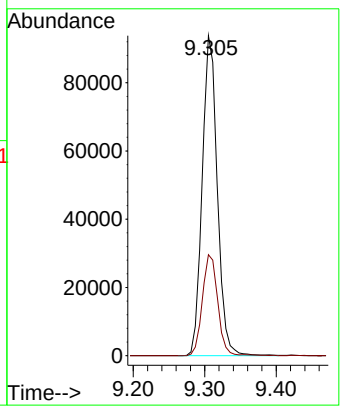


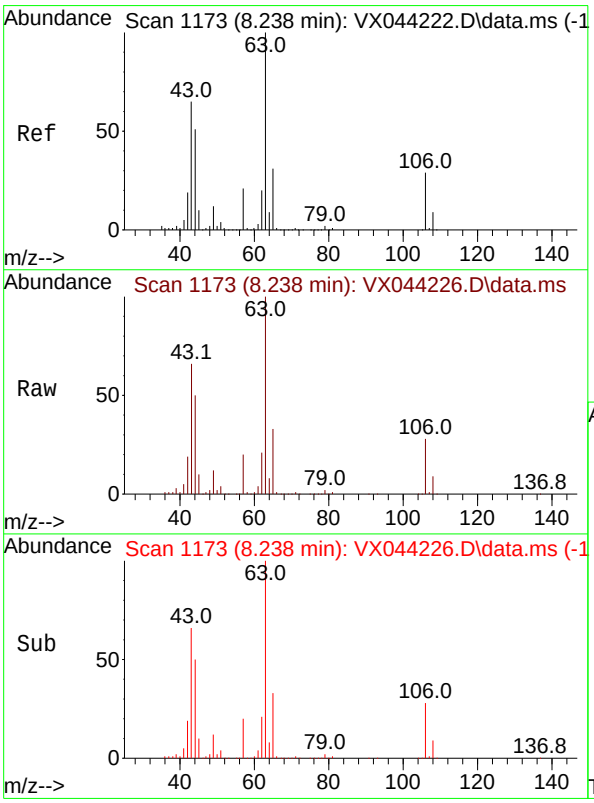
#57
1,3-Dichloropropane
Concen: 49.165 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion: 76 Resp: 137705

Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.5	39.7

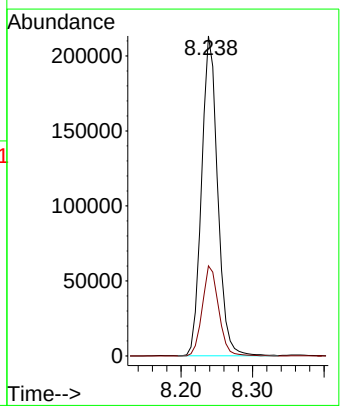


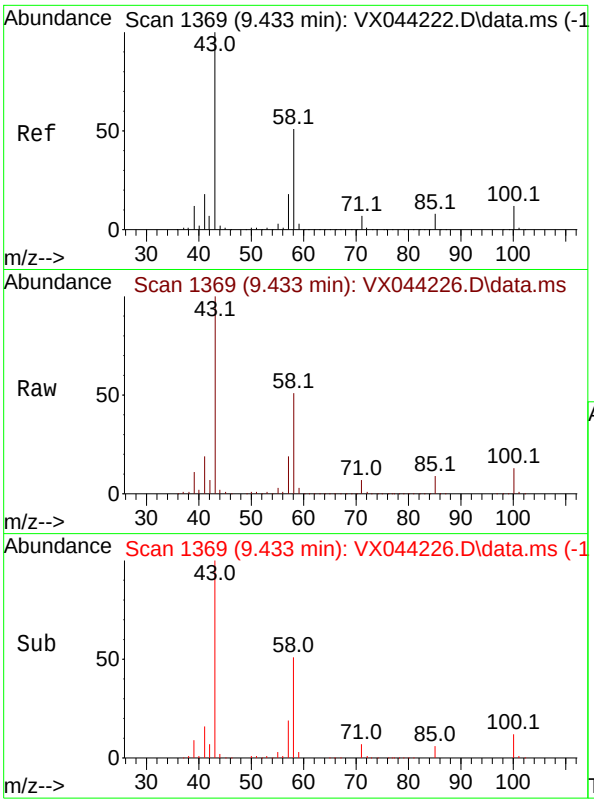


#58
2-Chloroethyl Vinyl ether
Concen: 259.586 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 63 Resp: 332599

Ion	Ratio	Lower	Upper
63	100		
106	28.6	22.8	34.2



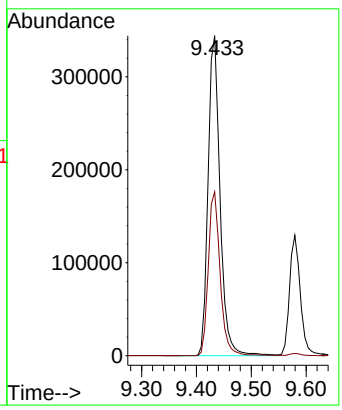


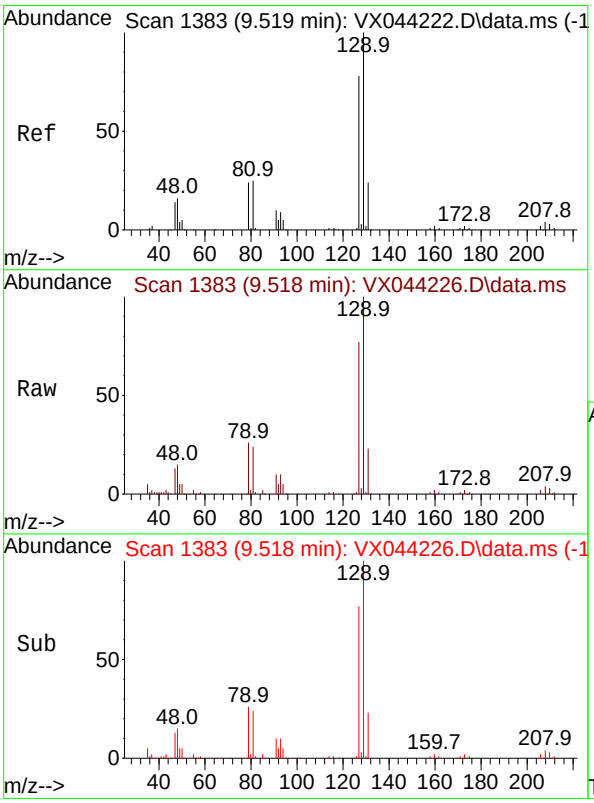
#59
2-Hexanone
Concen: 271.943 ug/l
RT: 9.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion: 43 Resp: 519476

Ion	Ratio	Lower	Upper
43	100		
58	50.7	25.7	77.0

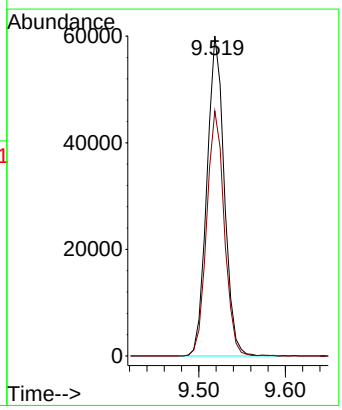


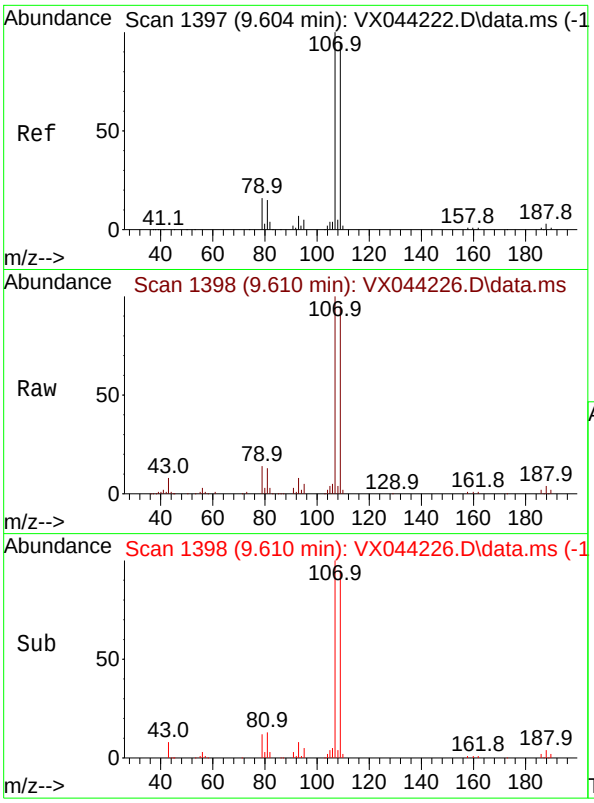


#60
Dibromochloromethane
Concen: 49.073 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:129 Resp: 83515

Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.5	115.3



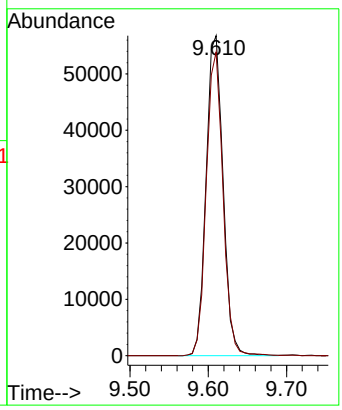


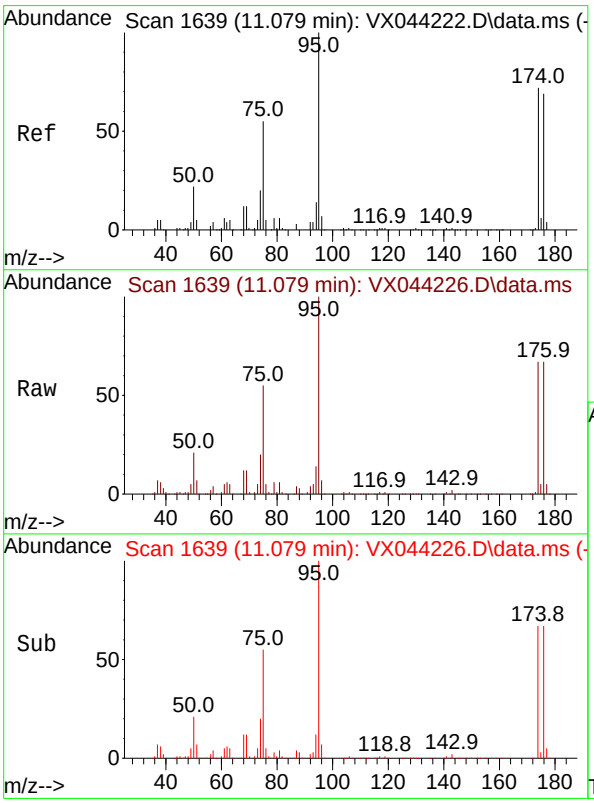
#61
1,2-Dibromoethane
Concen: 51.909 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion:107 Resp: 85024

Ion	Ratio	Lower	Upper
107	100		
109	93.7	77.0	115.4

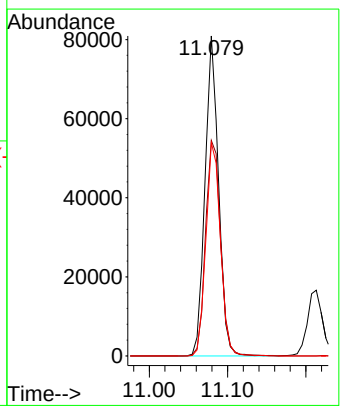


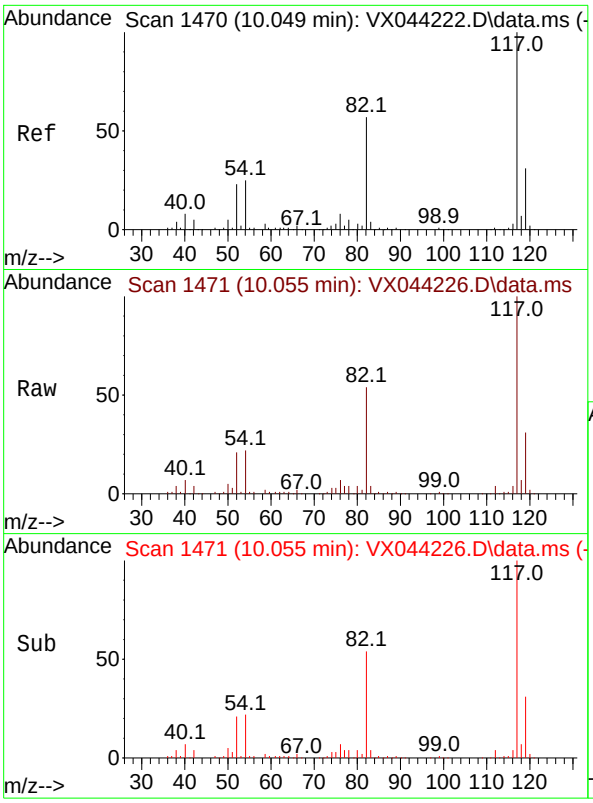


#62
4-Bromofluorobenzene
Concen: 50.098 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 95 Resp: 97061

Ion	Ratio	Lower	Upper
95	100		
174	74.3	0.0	145.8
176	71.4	0.0	137.8



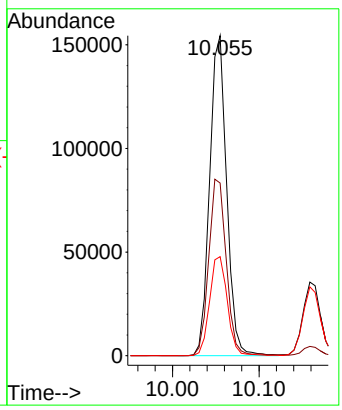


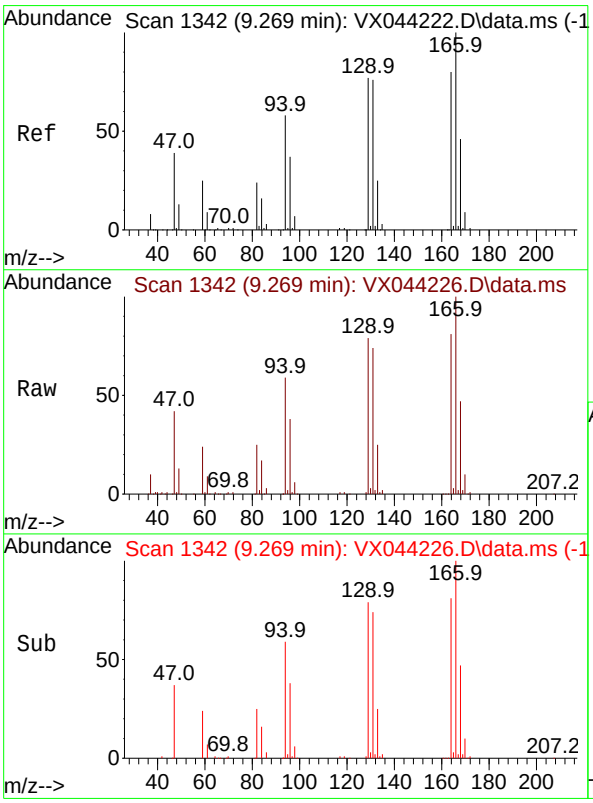
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion:117 Resp: 210572

Ion	Ratio	Lower	Upper
117	100		
82	54.0	45.8	68.8
119	31.0	25.0	37.4

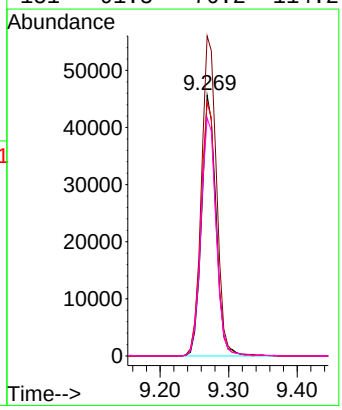


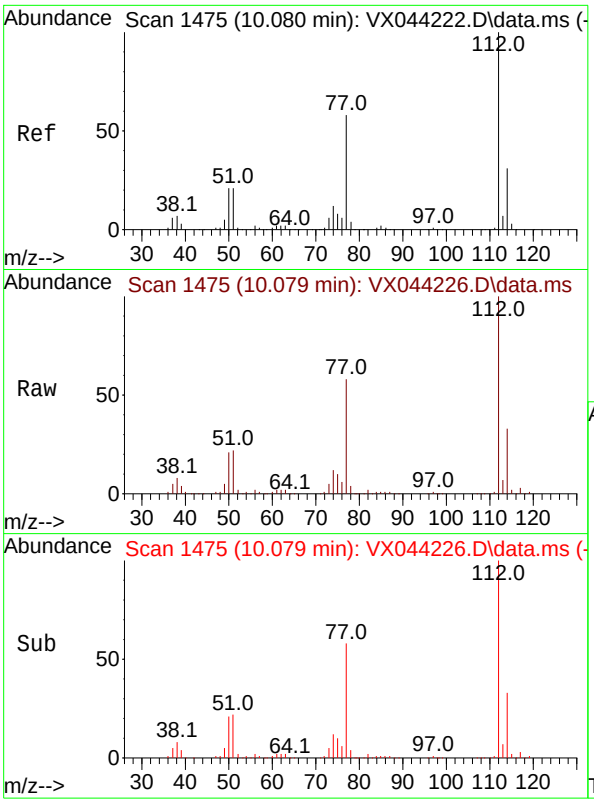


#64
Tetrachloroethene
Concen: 47.702 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:164 Resp: 66669

Ion	Ratio	Lower	Upper
164	100		
166	122.8	100.4	150.6
129	97.2	77.2	115.8
131	91.3	76.2	114.2



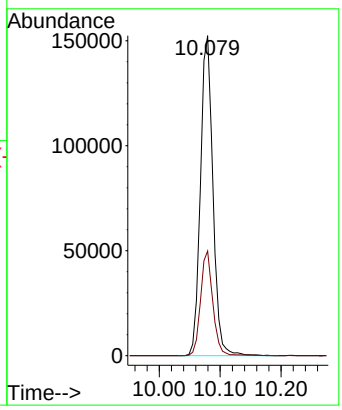


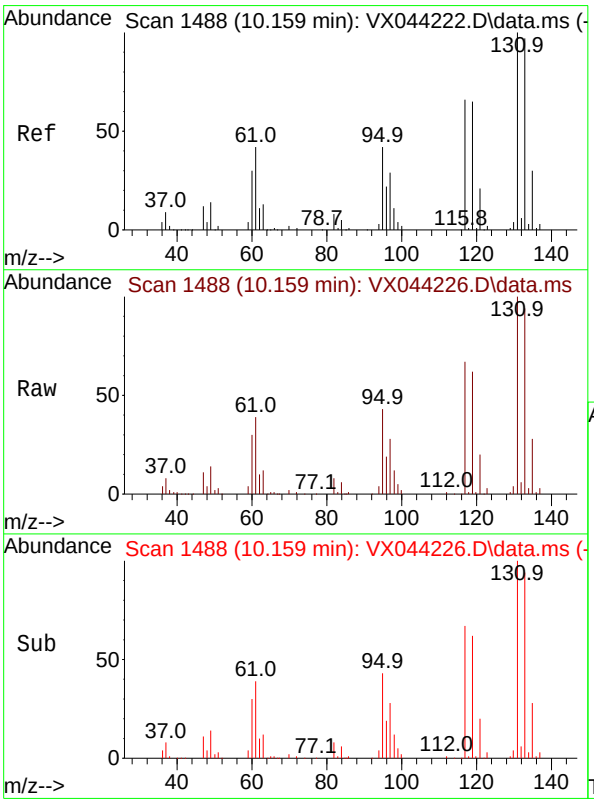
#65
Chlorobenzene
Concen: 48.133 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion:112 Resp: 217180

Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.0	37.6

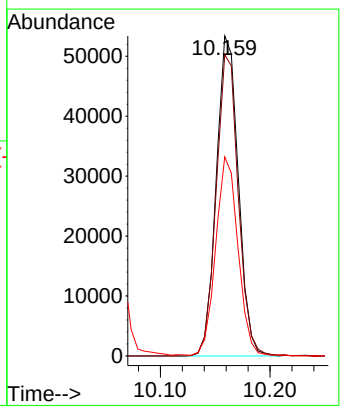


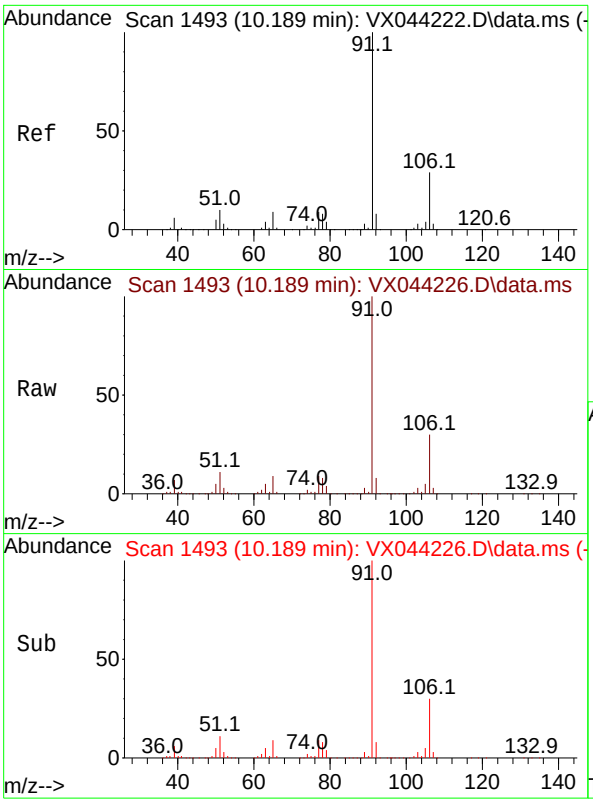


#66
1,1,1,2-Tetrachloroethane
Concen: 51.396 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:131 Resp: 74531

Ion	Ratio	Lower	Upper
131	100		
133	94.6	47.3	141.8
119	63.3	31.6	95.0



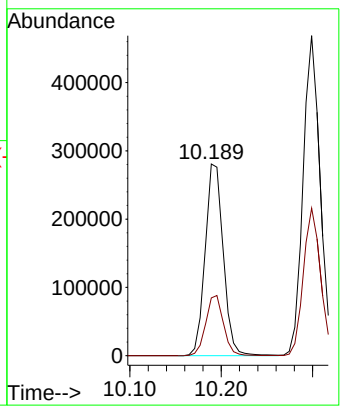


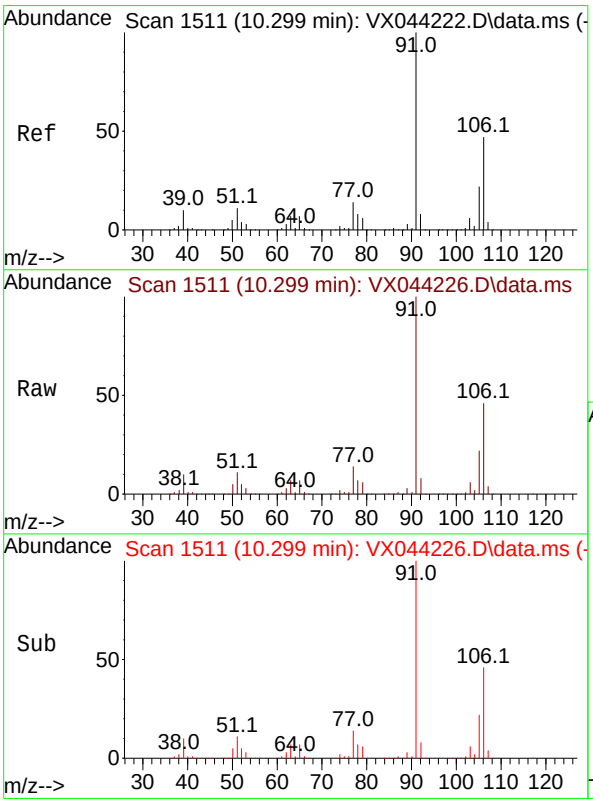
#67
Ethyl Benzene
Concen: 49.461 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion: 91 Resp: 385605

Ion	Ratio	Lower	Upper
91	100		
106	30.1	23.5	35.3

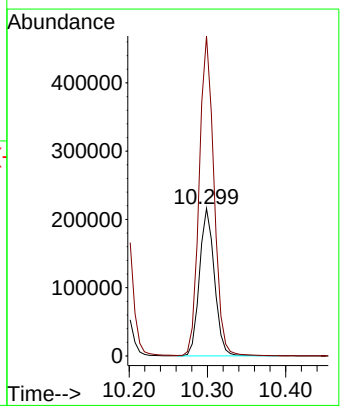


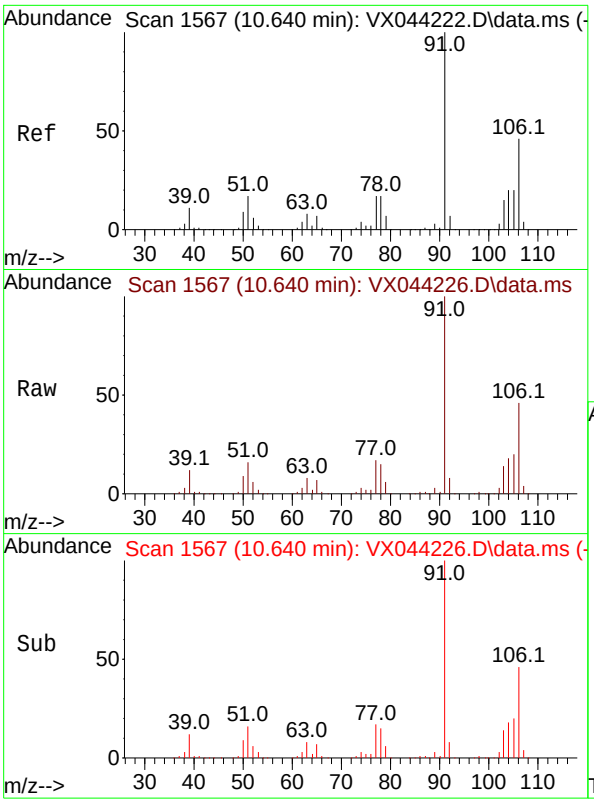


#68
m/p-Xylenes
Concen: 99.896 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:106 Resp: 285774

Ion	Ratio	Lower	Upper
106	100		
91	214.6	170.2	255.2



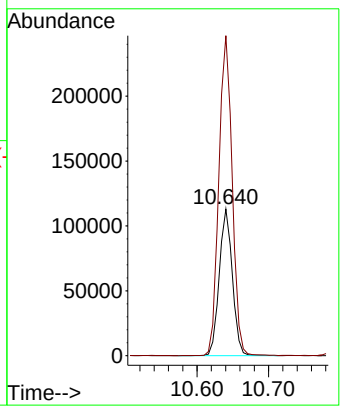


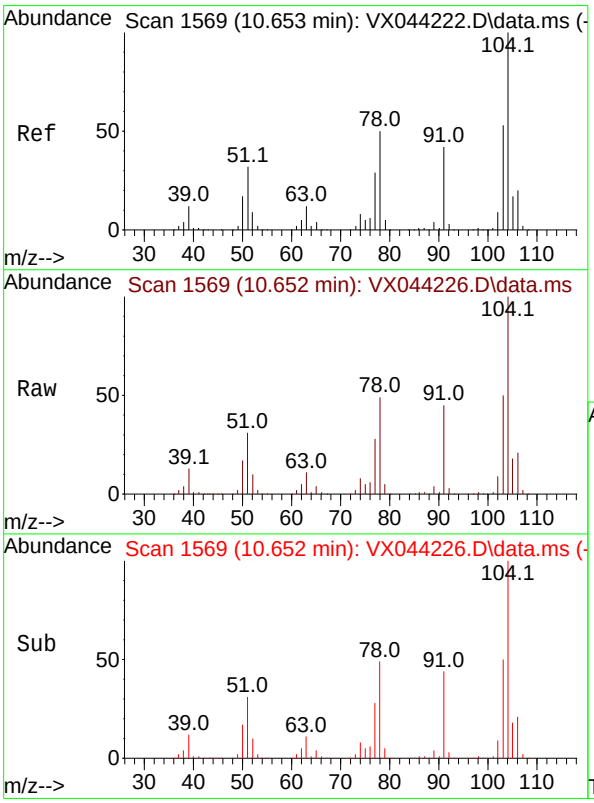
#69
o-Xylene
Concen: 49.750 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion:106 Resp: 144001

Ion	Ratio	Lower	Upper
106	100		
91	221.9	112.3	337.0

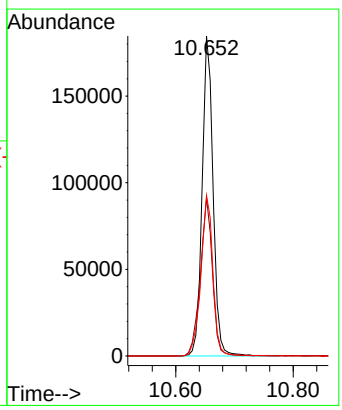


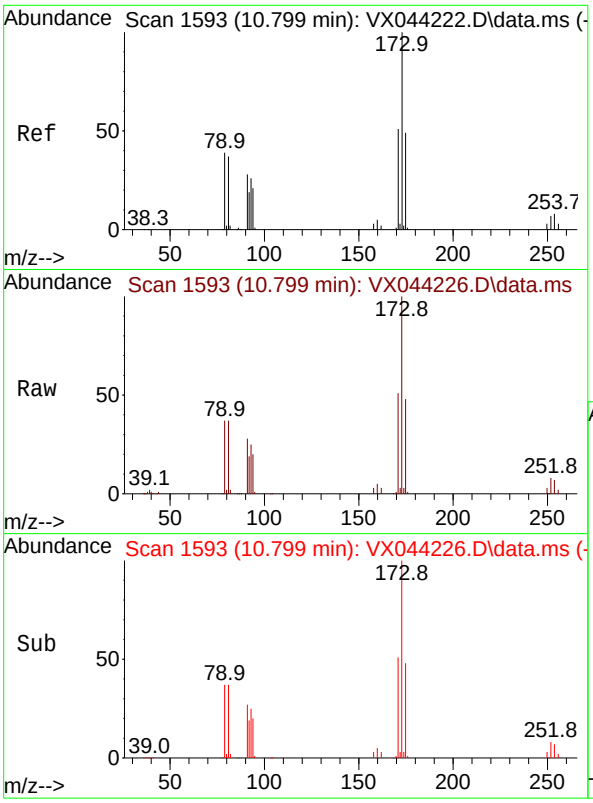


#70
Styrene
Concen: 51.617 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:104 Resp: 239508

Ion	Ratio	Lower	Upper
104	100		
78	54.5	44.6	67.0
103	54.9	45.4	68.0



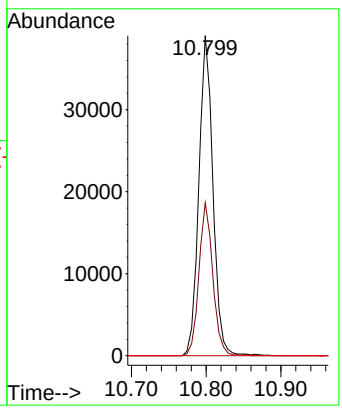


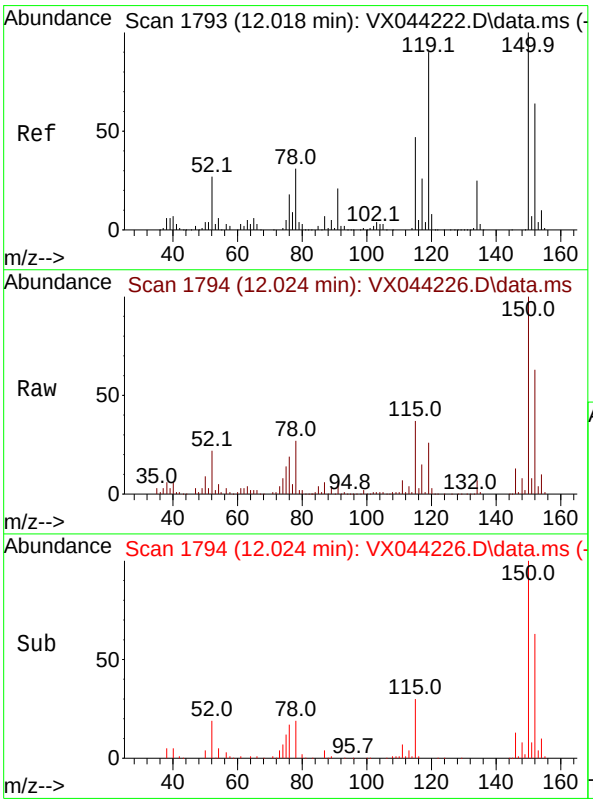
#71
Bromoform
Concen: 50.269 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion:173 Resp: 50972

Ion	Ratio	Lower	Upper
173	100		
175	47.1	23.8	71.4
254	0.0	0.0	0.0

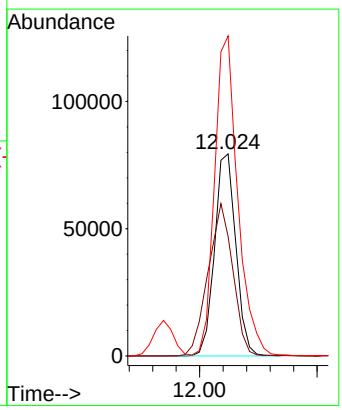


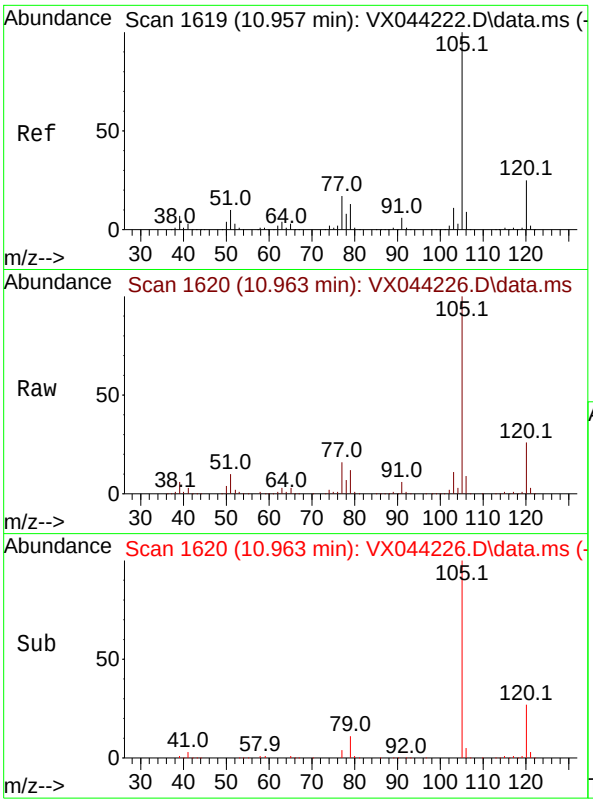


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:152 Resp: 99879

Ion	Ratio	Lower	Upper
152	100		
115	87.8	44.5	133.3
150	172.2	0.0	353.8



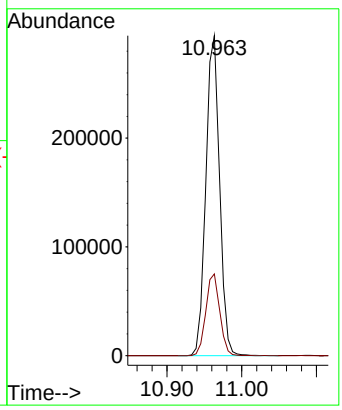


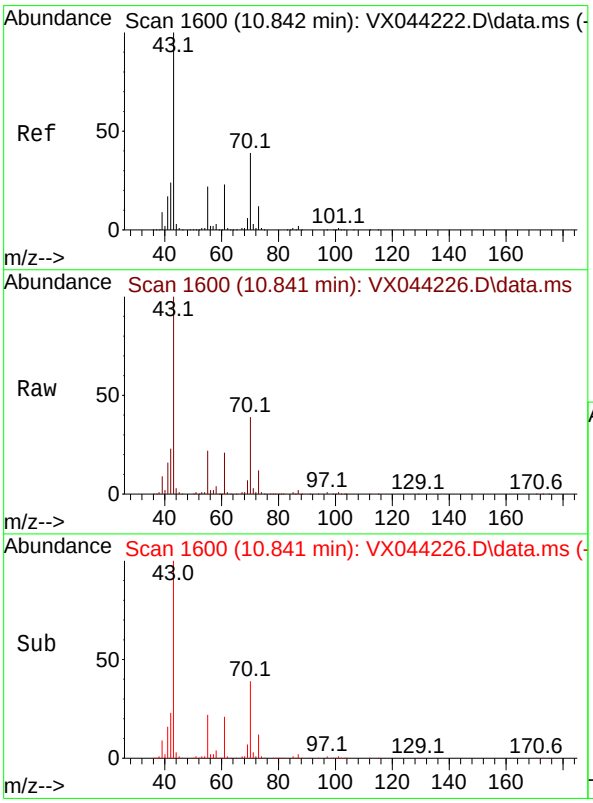
#73
Isopropylbenzene
Concen: 49.014 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion:105 Resp: 374769

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.1	39.3

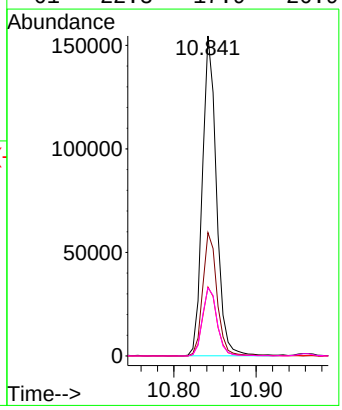


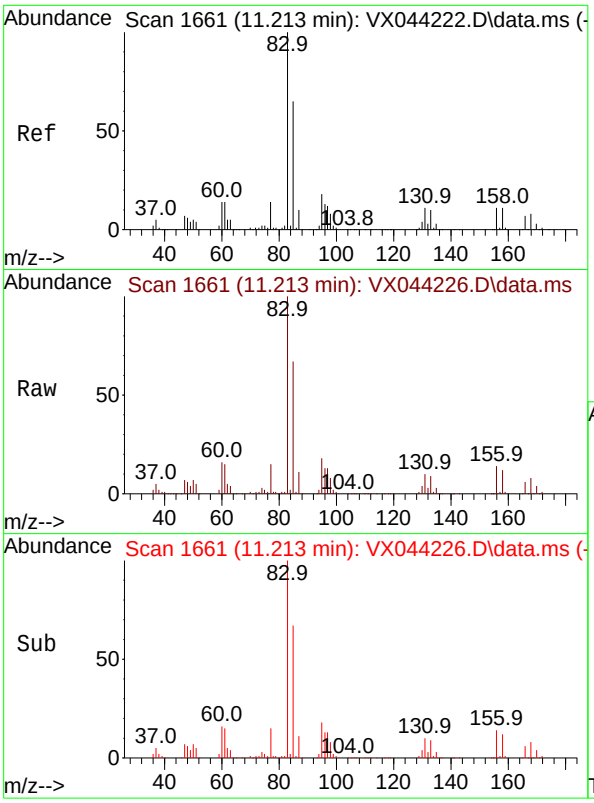


#74
N-amyl acetate
Concen: 52.003 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 43 Resp: 183763

Ion	Ratio	Lower	Upper
43	100		
70	39.0	31.9	47.9
55	22.4	17.9	26.9
61	22.3	17.9	26.9



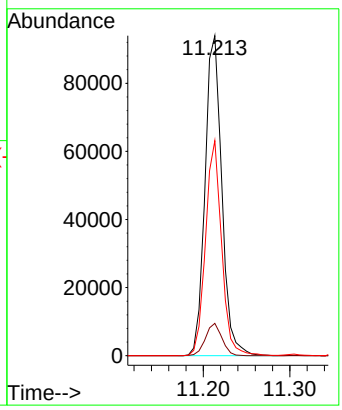


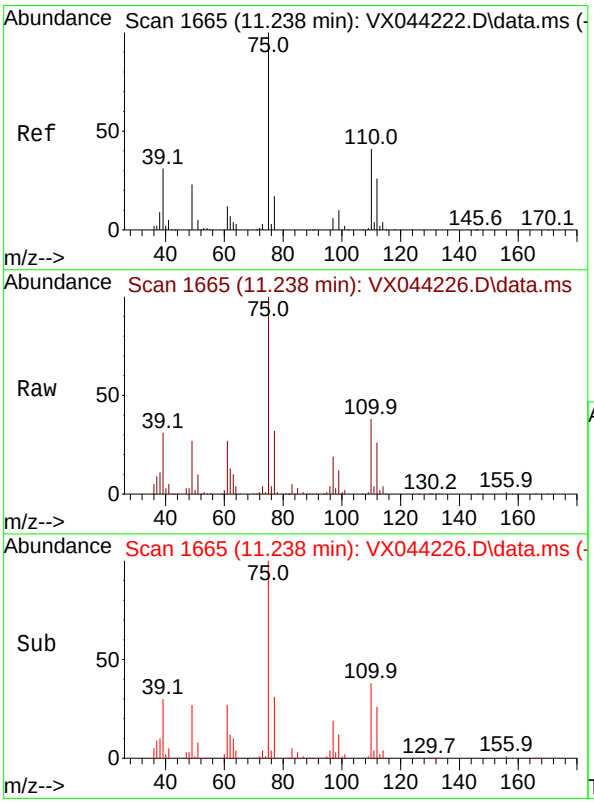
#75
1,1,2,2-Tetrachloroethane
Concen: 47.676 ug/l
RT: 11.213 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion: 83 Resp: 126615

Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.1	15.4
85	64.4	32.5	97.4

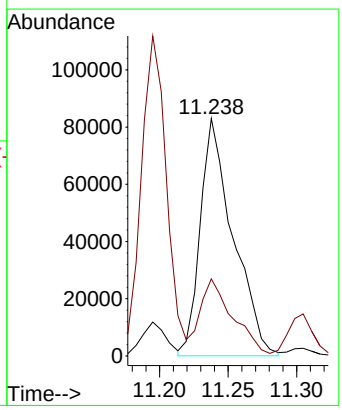


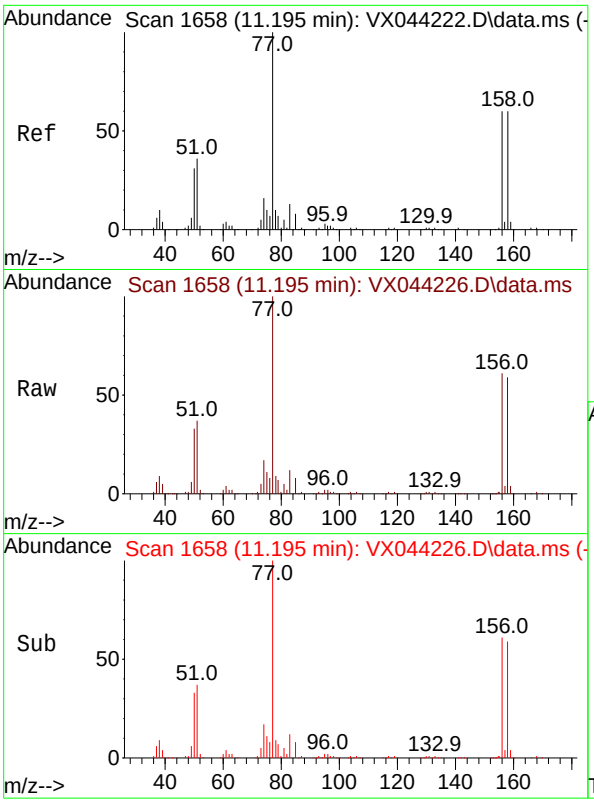


#76
1,2,3-Trichloropropane
Concen: 62.060 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 75 Resp: 138398

Ion	Ratio	Lower	Upper
75	100		
77	32.5	20.9	62.7



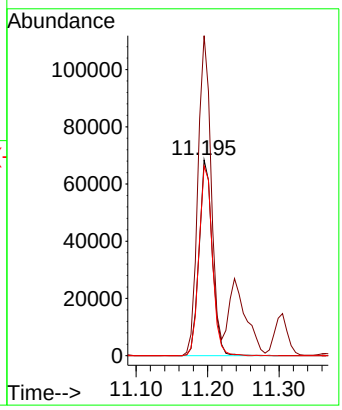


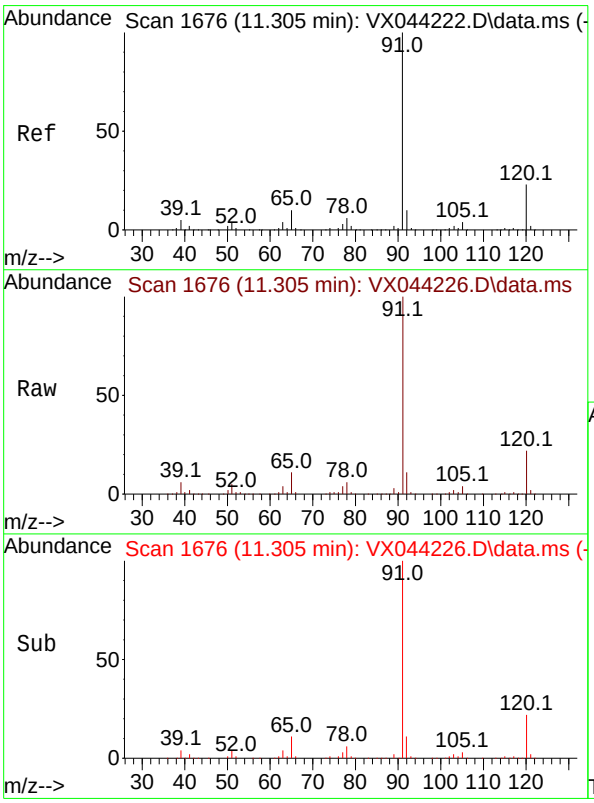
#77
Bromobenzene
Concen: 47.335 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion:156 Resp: 87767

Ion	Ratio	Lower	Upper
156	100		
77	163.4	82.6	247.8
158	98.0	48.8	146.4

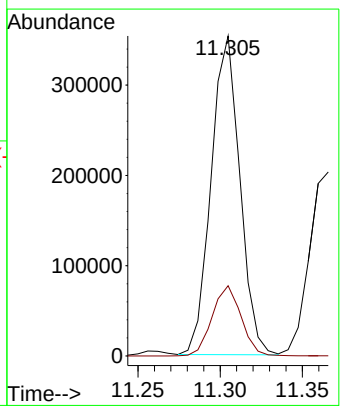


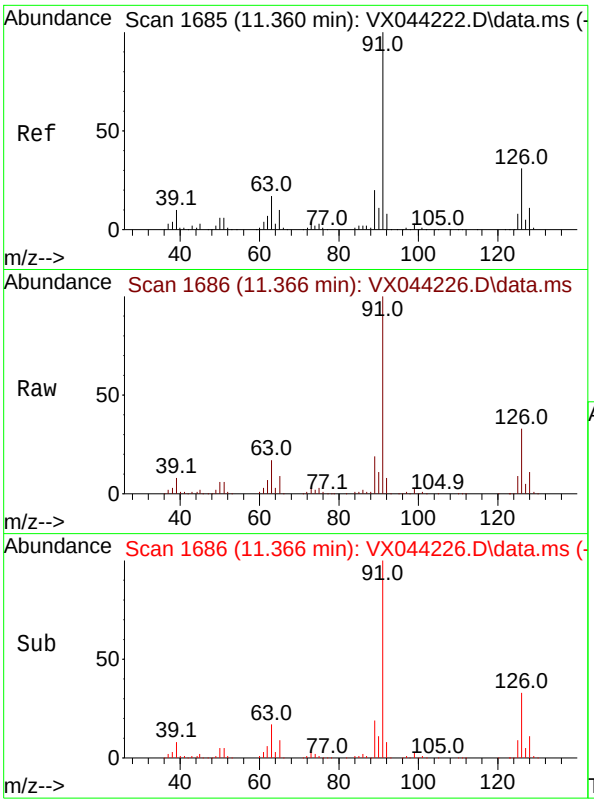


#78
n-propylbenzene
Concen: 50.816 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 91 Resp: 429443

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.0	33.0



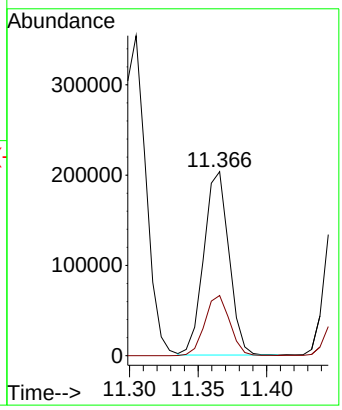


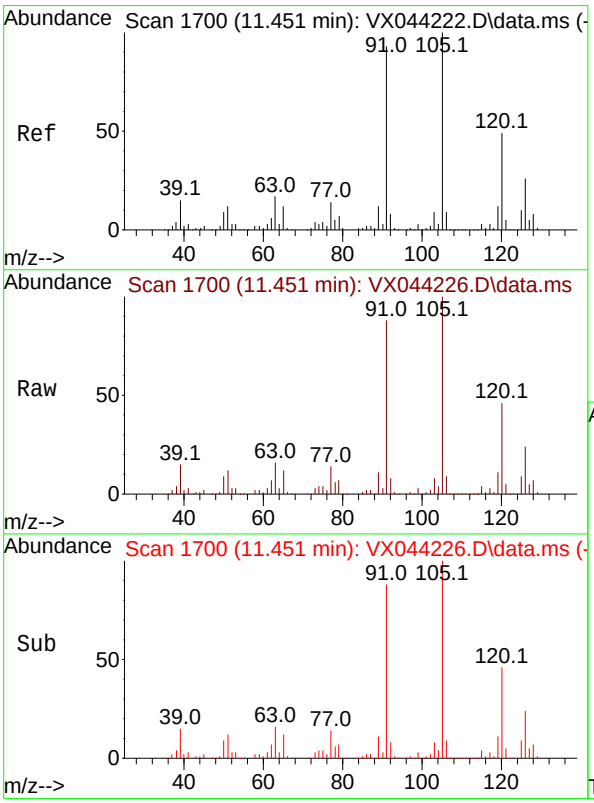
#79
2-Chlorotoluene
Concen: 47.546 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion: 91 Resp: 259860

Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.4	49.1

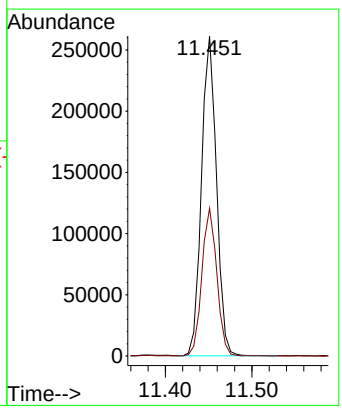


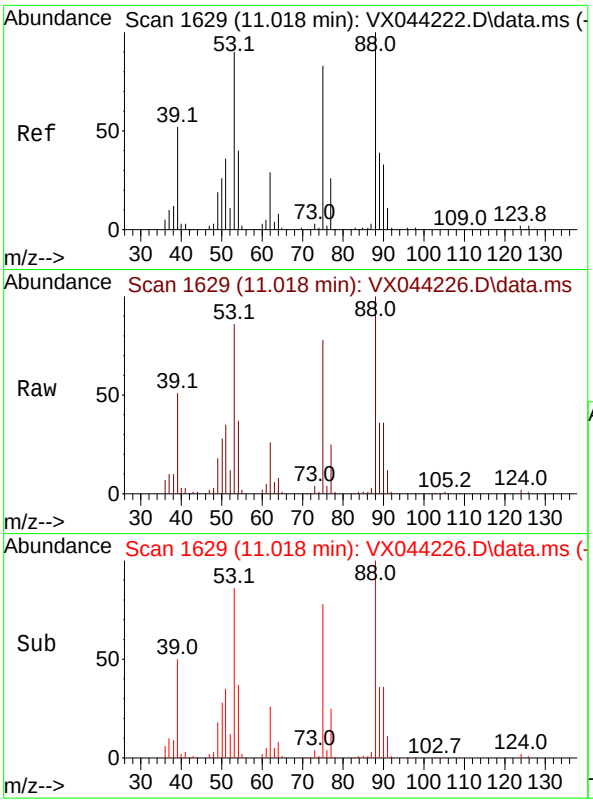


#80
1,3,5-Trimethylbenzene
Concen: 49.431 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:105 Resp: 313435

Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.8	71.4



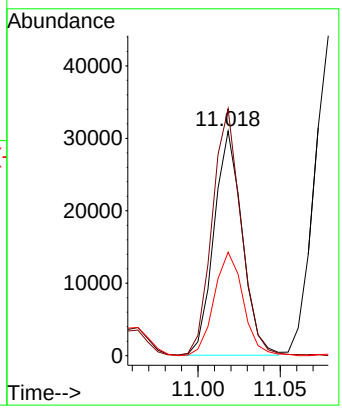


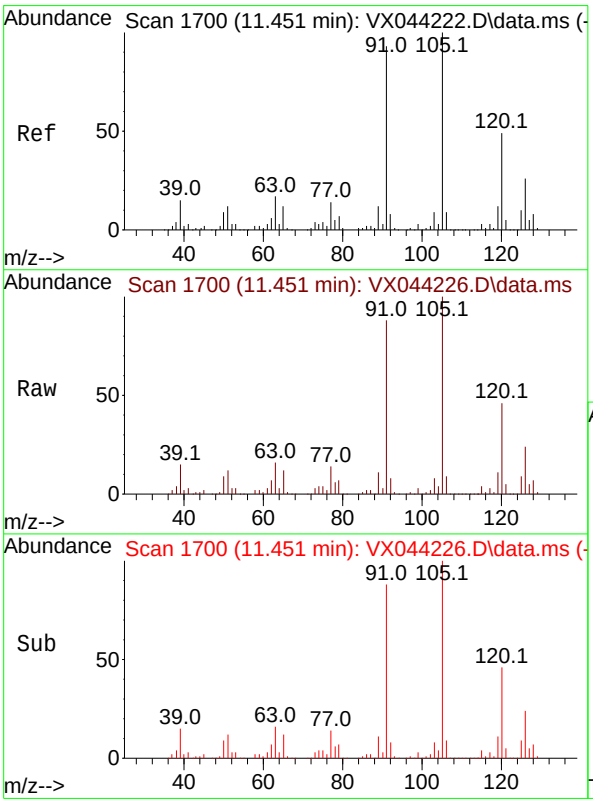
#81
trans-1,4-Dichloro-2-butene
Concen: 47.861 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion: 75 Resp: 37038

Ion	Ratio	Lower	Upper
75	100		
53	112.6	93.6	140.4
89	47.5	37.3	55.9

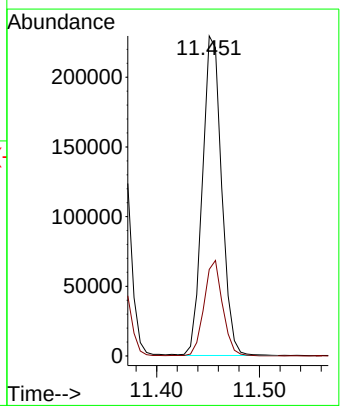


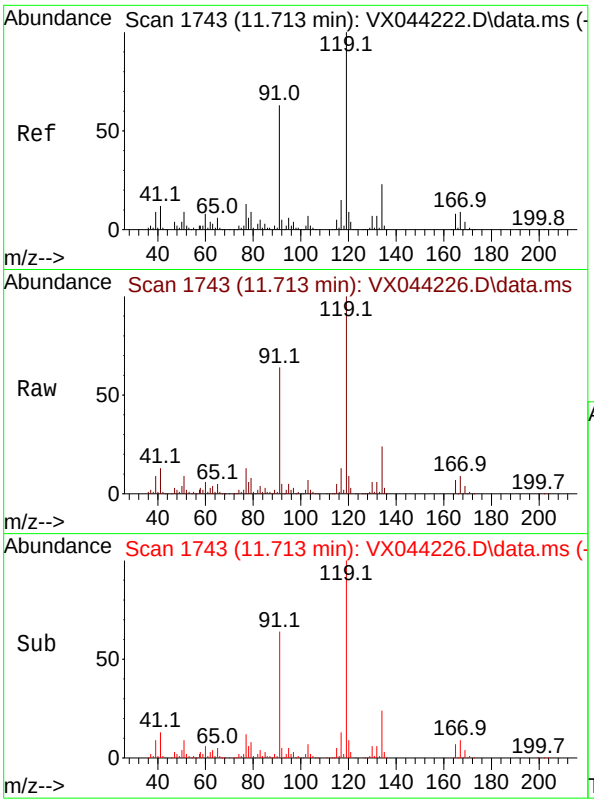


#82
4-Chlorotoluene
Concen: 49.178 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 91 Resp: 297641

Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.5	43.5



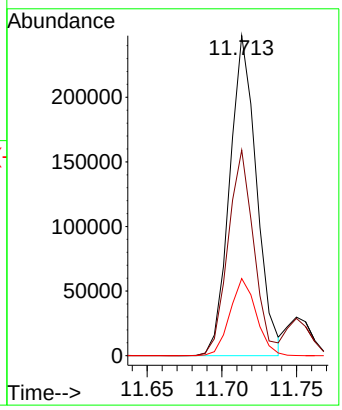


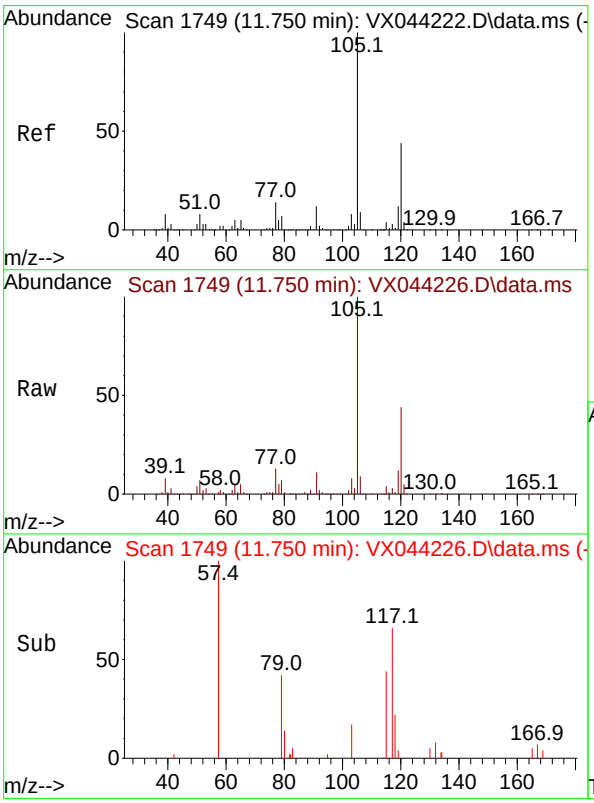
#83
tert-Butylbenzene
Concen: 49.384 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion:119 Resp: 309463

Ion	Ratio	Lower	Upper
119	100		
91	62.1	30.9	92.5
134	23.6	11.5	34.4

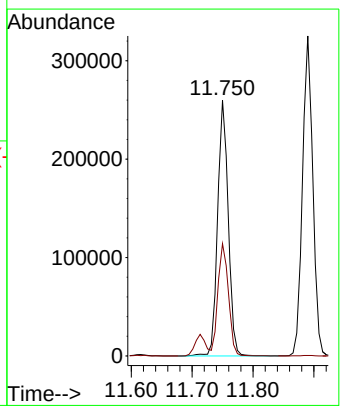


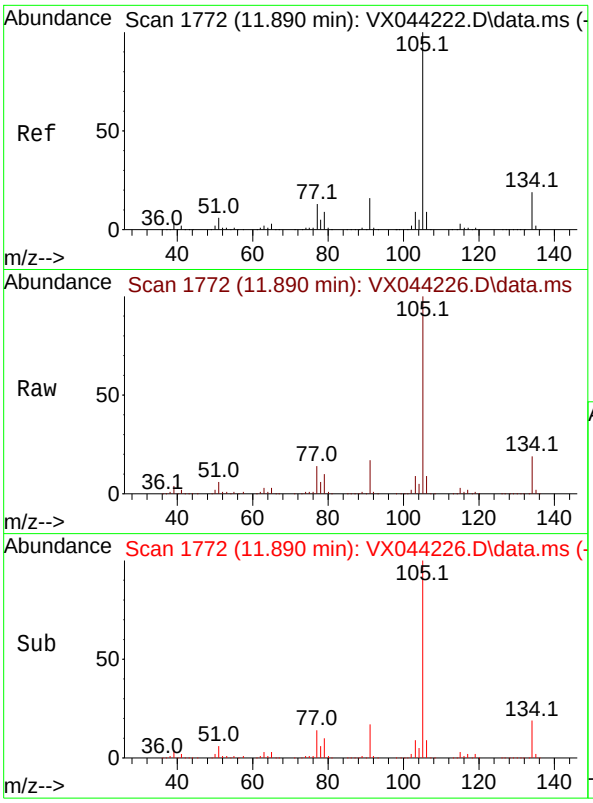


#84
1,2,4-Trimethylbenzene
Concen: 50.333 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:105 Resp: 313433

Ion	Ratio	Lower	Upper
105	100		
120	43.3	21.7	65.1



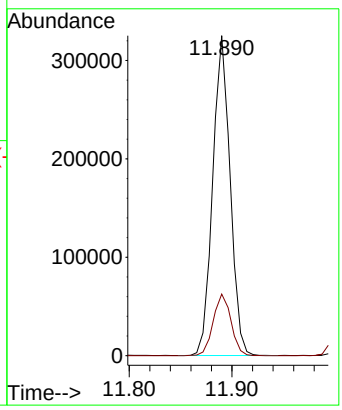


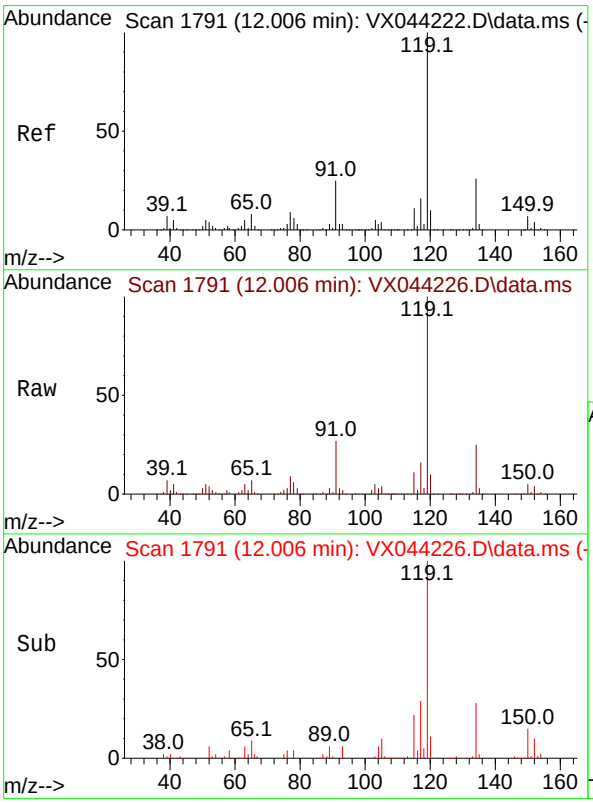
#85
sec-Butylbenzene
Concen: 50.097 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion:105 Resp: 381109

Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.8	29.4

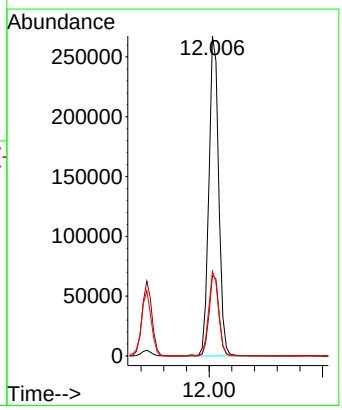


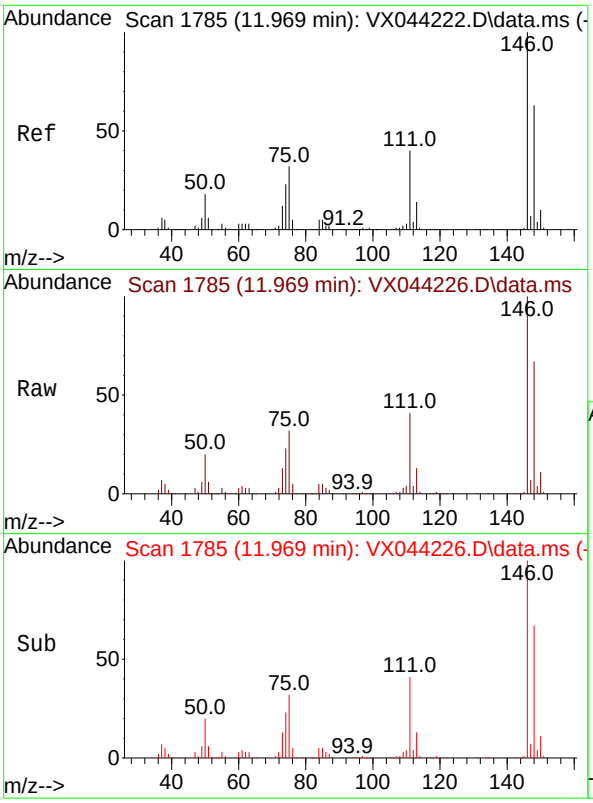


#86
p-Isopropyltoluene
Concen: 50.678 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:119 Resp: 320882

Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.8	38.4
91	26.3	13.0	39.0



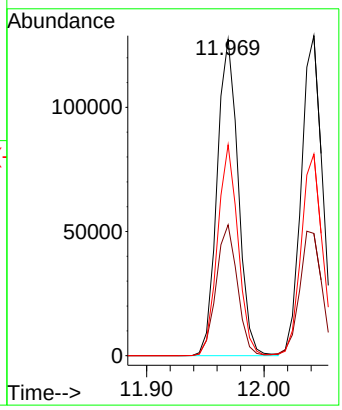


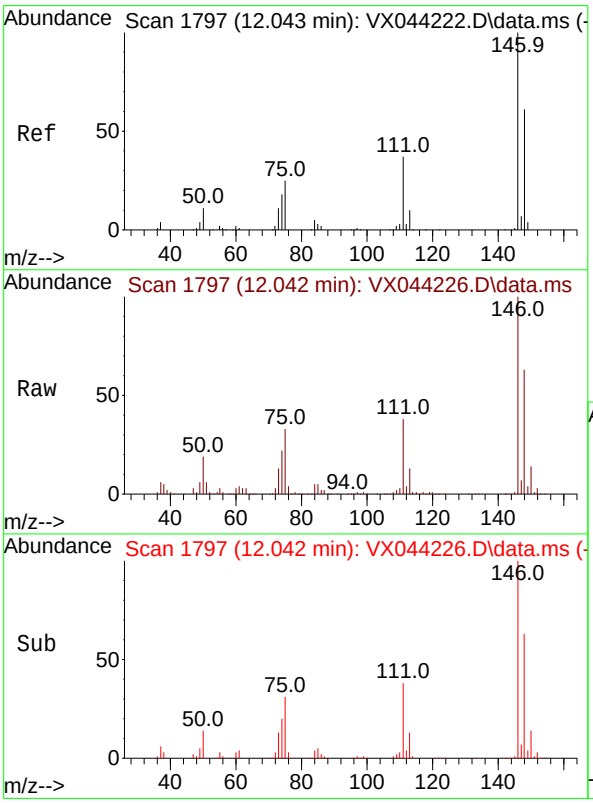
#87
1,3-Dichlorobenzene
Concen: 49.122 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion:146 Resp: 159094

Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.4	64.2
148	64.7	31.7	95.1

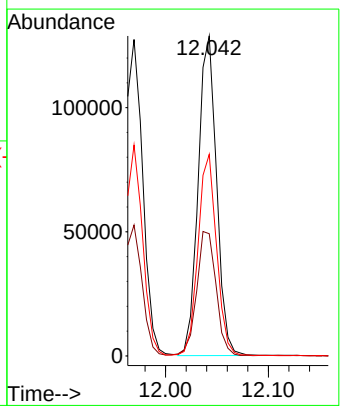


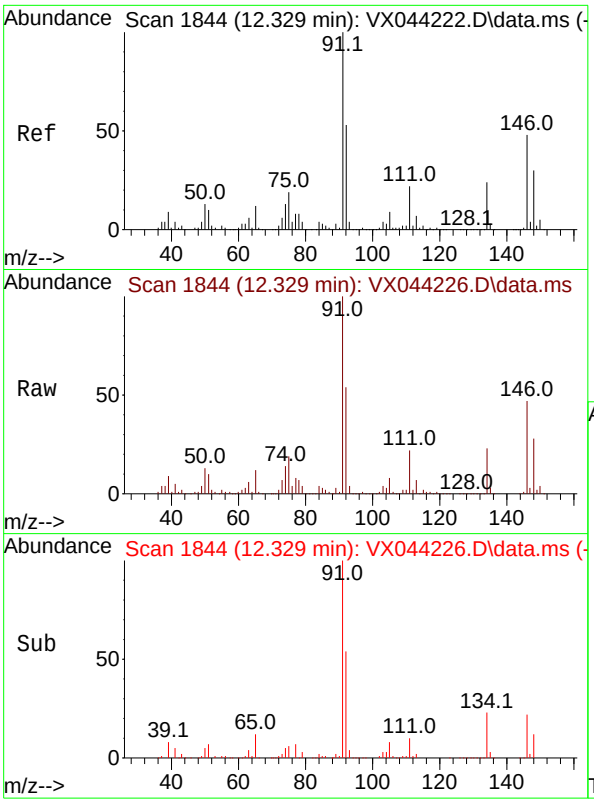


#88
1,4-Dichlorobenzene
Concen: 48.280 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:146 Resp: 160742

Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.0	63.0
148	63.6	32.3	96.8



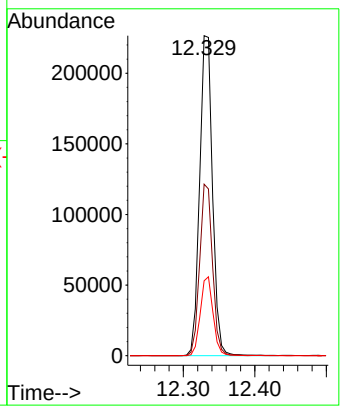


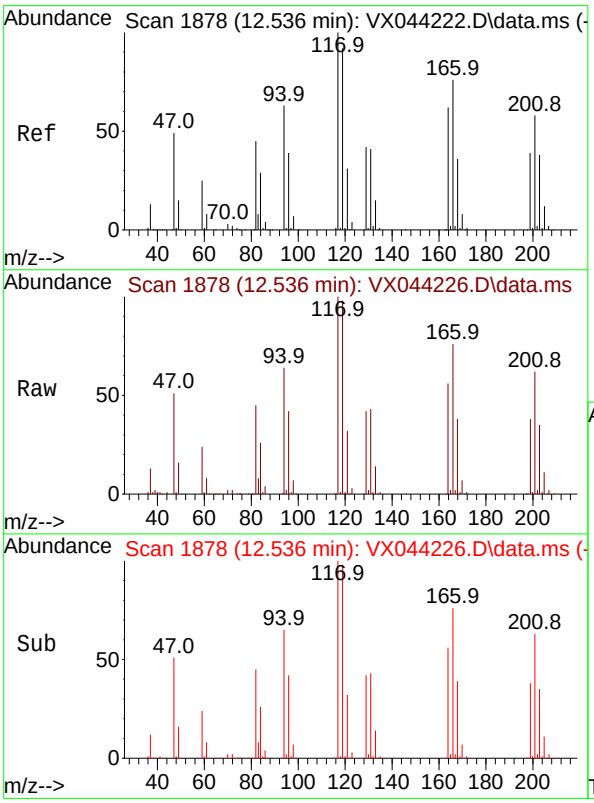
#89
n-Butylbenzene
Concen: 53.207 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion: 91 Resp: 283284

Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.6	79.7
134	24.3	12.6	37.8

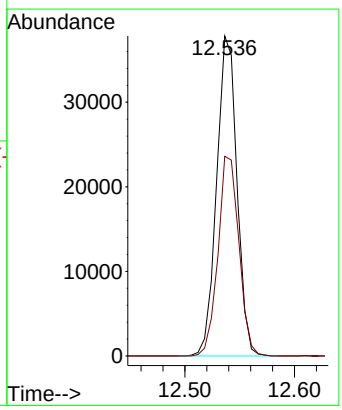


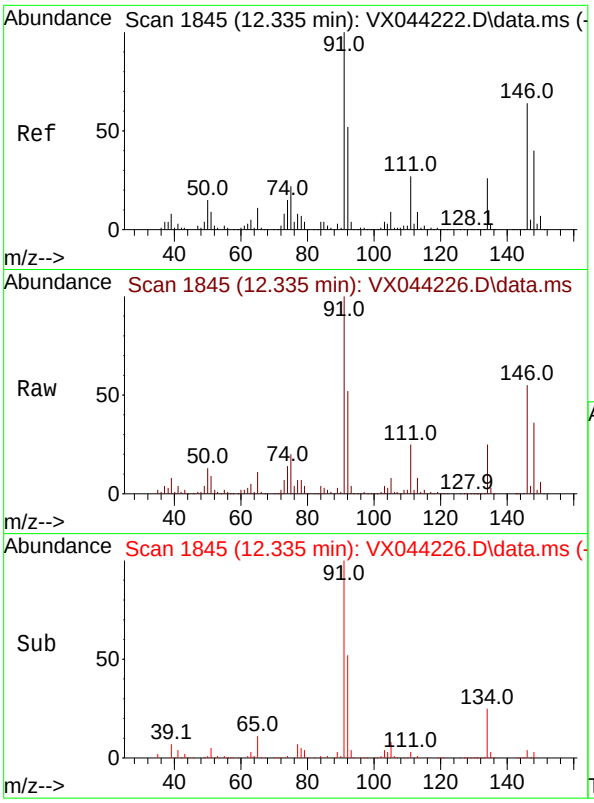


#90
Hexachloroethane
Concen: 52.727 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:117 Resp: 48734

Ion	Ratio	Lower	Upper
117	100		
201	64.3	31.4	94.2



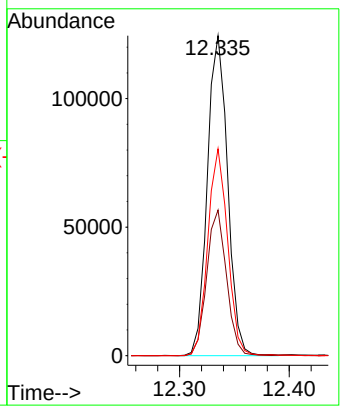


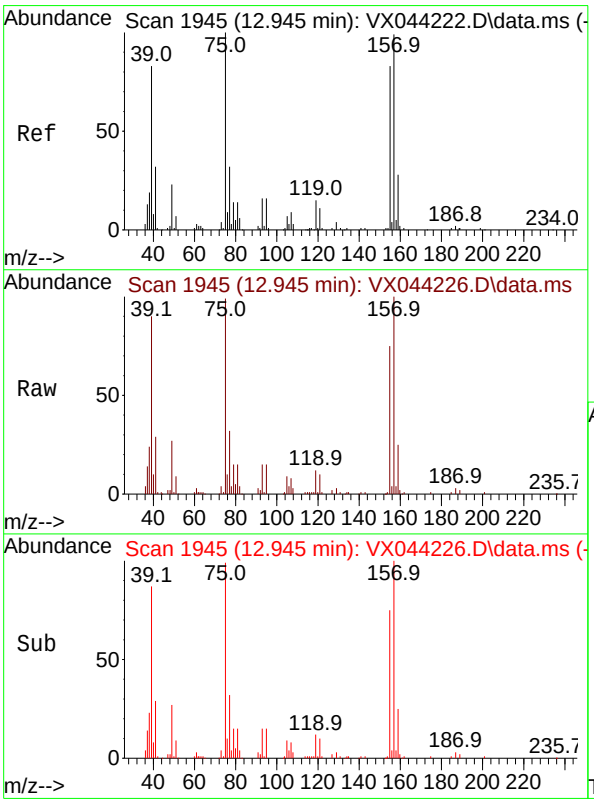
#91
1,2-Dichlorobenzene
Concen: 47.589 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion:146 Resp: 160039

Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.4	64.3
148	63.4	31.6	95.0

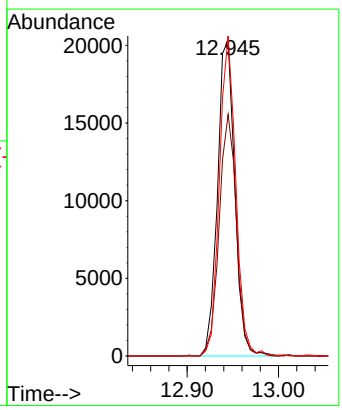


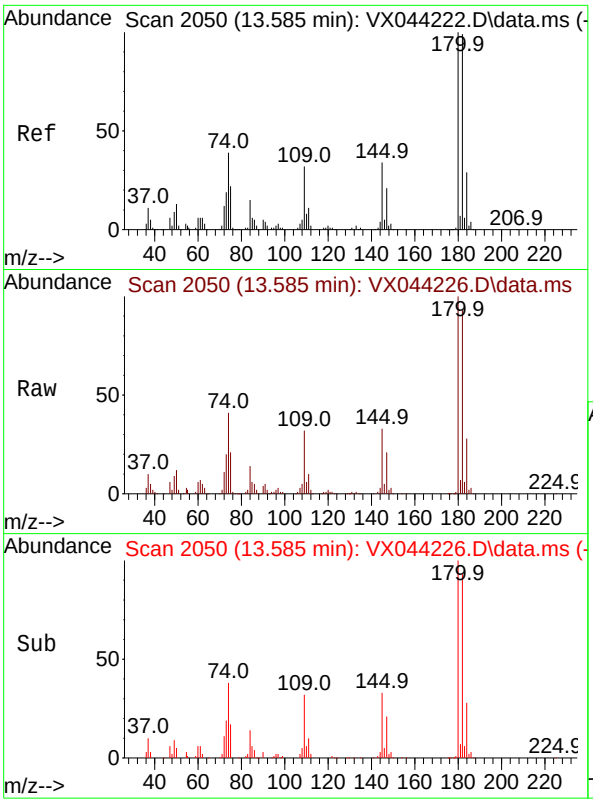


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.864 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion: 75 Resp: 26738

Ion	Ratio	Lower	Upper
75	100		
155	76.5	38.1	114.3
157	96.3	47.2	141.6



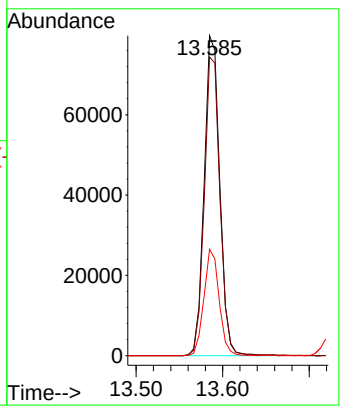


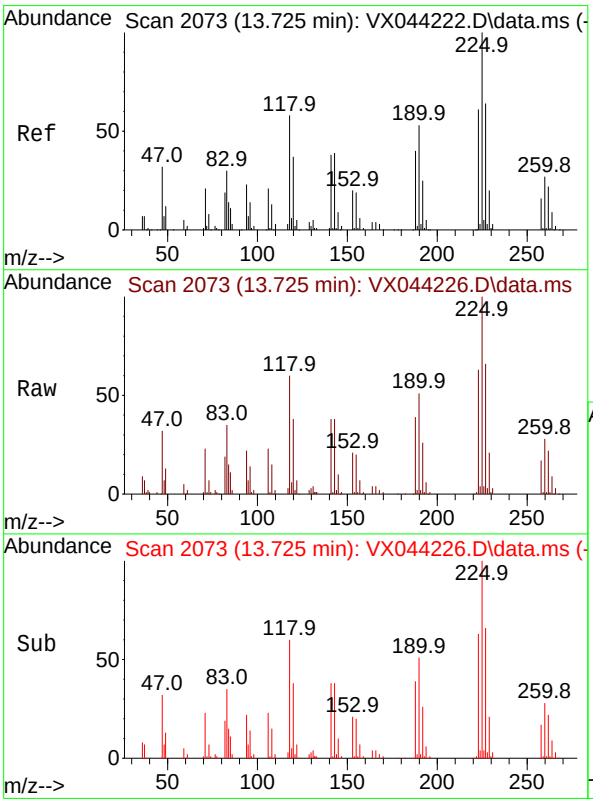
#93
1,2,4-Trichlorobenzene
Concen: 53.940 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion:180 Resp: 99449

Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.0	144.2
145	32.6	16.6	49.7

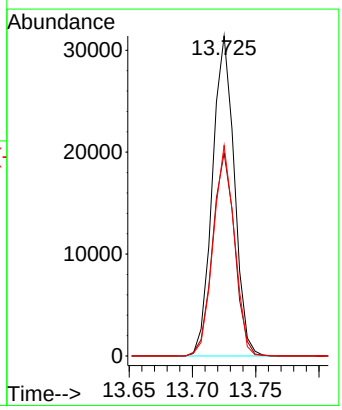


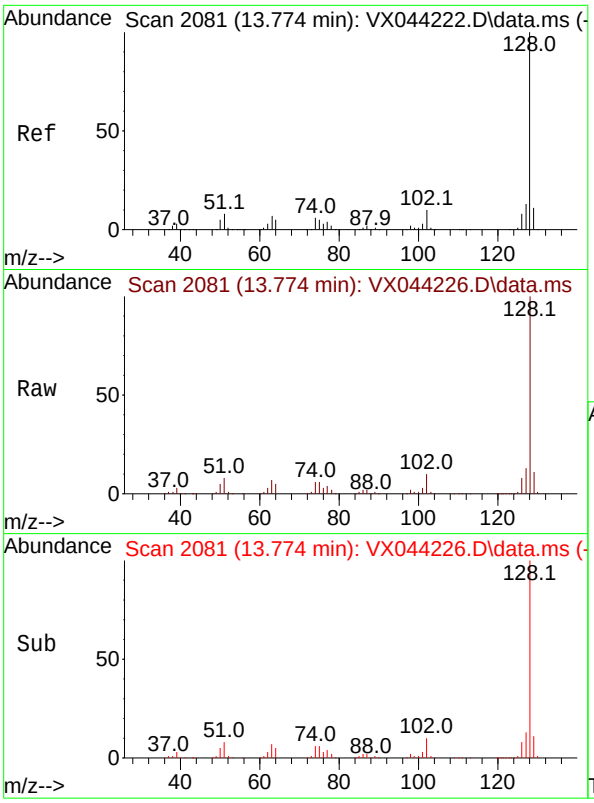


#94
Hexachlorobutadiene
Concen: 50.770 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:225 Resp: 37651

Ion	Ratio	Lower	Upper
225	100		
223	63.9	30.8	92.4
227	63.7	32.1	96.3



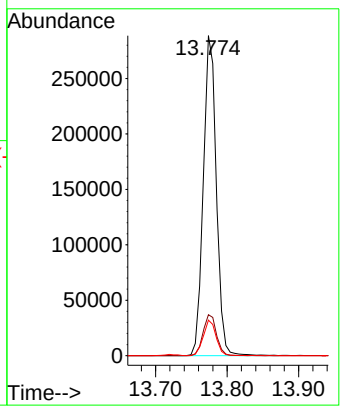


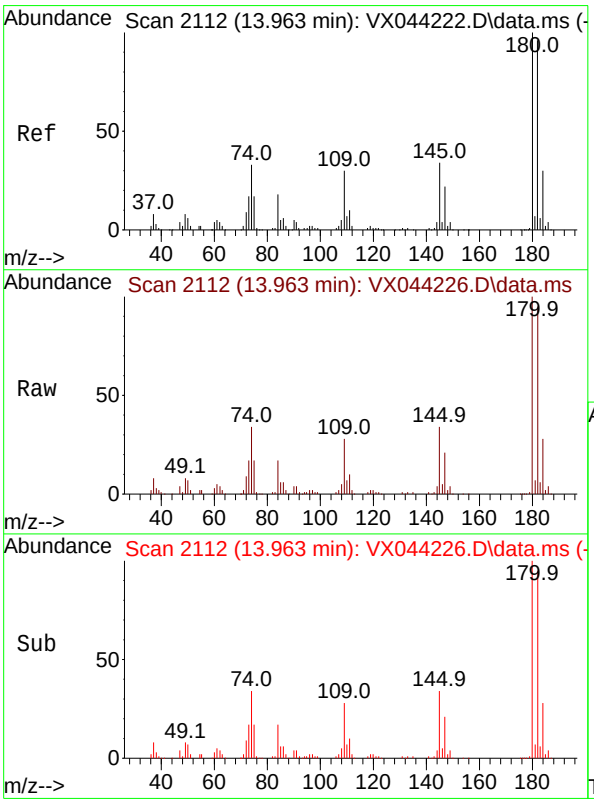
#95
Naphthalene
Concen: 50.827 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121124

Tgt Ion:128 Resp: 365781

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.9	9.0	13.4

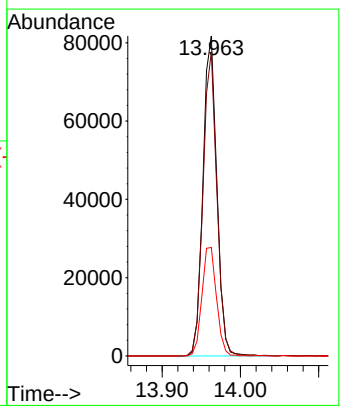




#96
1,2,3-Trichlorobenzene
Concen: 51.244 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX044226.D
Acq: 11 Dec 2024 13:51

Tgt Ion:180 Resp: 100209

Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.0	144.0
145	35.7	17.7	53.1



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044466.D
Acq On : 23 Dec 2024 08:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Dec 23 21:50:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	98270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	155098	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	72225	41.918	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 83.840%			
35) Dibromofluoromethane	5.379	113	57719	53.732	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.460%			
50) Toluene-d8	8.641	98	193768	53.468	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.940%			
62) 4-Bromofluorobenzene	11.079	95	64363	50.827	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	81189	53.431	ug/l	95
3) Chloromethane	1.294	50	72049	49.584	ug/l	97
4) Vinyl Chloride	1.380	62	70604	46.640	ug/l	98
5) Bromomethane	1.599	94	47151	43.904	ug/l	98
6) Chloroethane	1.666	64	39107	41.487	ug/l	100
7) Trichlorofluoromethane	1.867	101	127064	42.875	ug/l	99
8) Diethyl Ether	2.130	74	38233	37.795	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	65130	54.311	ug/l	95
10) Methyl Iodide	2.447	142	70995	44.919	ug/l	97
11) Tert butyl alcohol	2.989	59	17549	72.268	ug/l #	71
12) 1,1-Dichloroethene	2.312	96	55954	50.798	ug/l	97
13) Acrolein	2.233	56	61730	175.615	ug/l	100
14) Allyl chloride	2.654	41	85968	46.857	ug/l	98
15) Acrylonitrile	3.062	53	157669	234.398	ug/l	99
16) Acetone	2.386	43	144825	206.174	ug/l	95
17) Carbon Disulfide	2.501	76	97346	46.493	ug/l	100
18) Methyl Acetate	2.703	43	81261	44.867	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	189369	44.056	ug/l	98
20) Methylene Chloride	2.782	84	58446	44.299	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	55872	47.727	ug/l	95
22) Diisopropyl ether	3.751	45	185514	44.904	ug/l	88
23) Vinyl Acetate	3.715	43	783324	233.215	ug/l	97
24) 1,1-Dichloroethane	3.599	63	106007	46.032	ug/l	98
25) 2-Butanone	4.556	43	209192	209.482	ug/l	99
26) 2,2-Dichloropropane	4.464	77	95219	50.896	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	68850	46.309	ug/l	95
28) Bromochloromethane	4.891	49	46458	41.140	ug/l	95
29) Tetrahydrofuran	5.001	42	135710	211.723	ug/l	100
30) Chloroform	5.080	83	114443	44.231	ug/l	98
31) Cyclohexane	5.458	56	94719	50.934	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	101477	47.248	ug/l	99
36) 1,1-Dichloropropene	5.684	75	77076	55.509	ug/l	99
37) Ethyl Acetate	4.702	43	82758	48.216	ug/l	97
38) Carbon Tetrachloride	5.665	117	82491	55.181	ug/l	98
39) Methylcyclohexane	7.372	83	101951	61.418	ug/l	97
40) Benzene	6.025	78	229329	54.397	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044466.D
Acq On : 23 Dec 2024 08:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Dec 23 21:50:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	42994	47.172	ug/l		94
42) 1,2-Dichloroethane	6.074	62	83638	48.161	ug/l		97
43) Isopropyl Acetate	6.336	43	128551	47.918	ug/l		97
44) Trichloroethene	7.116	130	58165	55.326	ug/l		94
45) 1,2-Dichloropropane	7.421	63	56311	52.281	ug/l		99
46) Dibromomethane	7.574	93	43787	52.402	ug/l		96
47) Bromodichloromethane	7.818	83	78361	54.300	ug/l		100
48) Methyl methacrylate	7.690	41	61073	46.898	ug/l		96
49) 1,4-Dioxane	7.677	88	21715	1005.738	ug/l	#	84
51) 4-Methyl-2-Pentanone	8.573	43	402283	233.216	ug/l		99
52) Toluene	8.714	92	140179	52.949	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	74563	48.256	ug/l		95
54) cis-1,3-Dichloropropene	8.360	75	85414	54.358	ug/l		99
55) 1,1,2-Trichloroethane	9.147	97	56021	53.264	ug/l		95
56) Ethyl methacrylate	9.116	69	81680	49.194	ug/l		95
57) 1,3-Dichloropropane	9.305	76	94586	51.667	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	203293	242.753	ug/l		97
59) 2-Hexanone	9.433	43	291491	233.464	ug/l		97
60) Dibromochloromethane	9.518	129	54898	49.335	ug/l		100
61) 1,2-Dibromoethane	9.604	107	56628	52.895	ug/l		98
64) Tetrachloroethene	9.268	164	51836	60.182	ug/l		98
65) Chlorobenzene	10.079	112	148588	53.435	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.159	131	50561	56.575	ug/l		100
67) Ethyl Benzene	10.189	91	250606	52.159	ug/l		96
68) m/p-Xylenes	10.299	106	193976	110.024	ug/l		96
69) o-Xylene	10.640	106	94957	53.232	ug/l		93
70) Styrene	10.652	104	155555	54.396	ug/l		95
71) Bromoform	10.799	173	32723	52.112	ug/l	#	99
73) Isopropylbenzene	10.957	105	246838	54.392	ug/l		99
74) N-amyl acetate	10.841	43	101119	48.214	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.213	83	82068	52.066	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	86748	65.540	ug/l		85
77) Bromobenzene	11.195	156	58269	52.949	ug/l		97
78) n-propylbenzene	11.299	91	278932	55.610	ug/l		99
79) 2-Chlorotoluene	11.360	91	166232	51.245	ug/l		96
80) 1,3,5-Trimethylbenzene	11.451	105	202499	53.807	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	22335	48.538	ug/l		98
82) 4-Chlorotoluene	11.451	91	190339	52.988	ug/l		100
83) tert-Butylbenzene	11.713	119	202328	54.400	ug/l		96
84) 1,2,4-Trimethylbenzene	11.750	105	206380	55.839	ug/l		99
85) sec-Butylbenzene	11.890	105	245317	54.332	ug/l		99
86) p-Isopropyltoluene	12.006	119	207299	55.162	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	103109	53.639	ug/l		96
88) 1,4-Dichlorobenzene	12.042	146	106265	53.777	ug/l		98
89) n-Butylbenzene	12.329	91	173517	54.910	ug/l		100
90) Hexachloroethane	12.536	117	30390	55.398	ug/l		90
91) 1,2-Dichlorobenzene	12.335	146	106046	53.130	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15164	49.558	ug/l		87
93) 1,2,4-Trichlorobenzene	13.585	180	61001	55.746	ug/l		99
94) Hexachlorobutadiene	13.719	225	25708	58.407	ug/l		98
95) Naphthalene	13.774	128	225150	52.712	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	63159	54.418	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044466.D
Acq On : 23 Dec 2024 08:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Dec 23 21:50:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

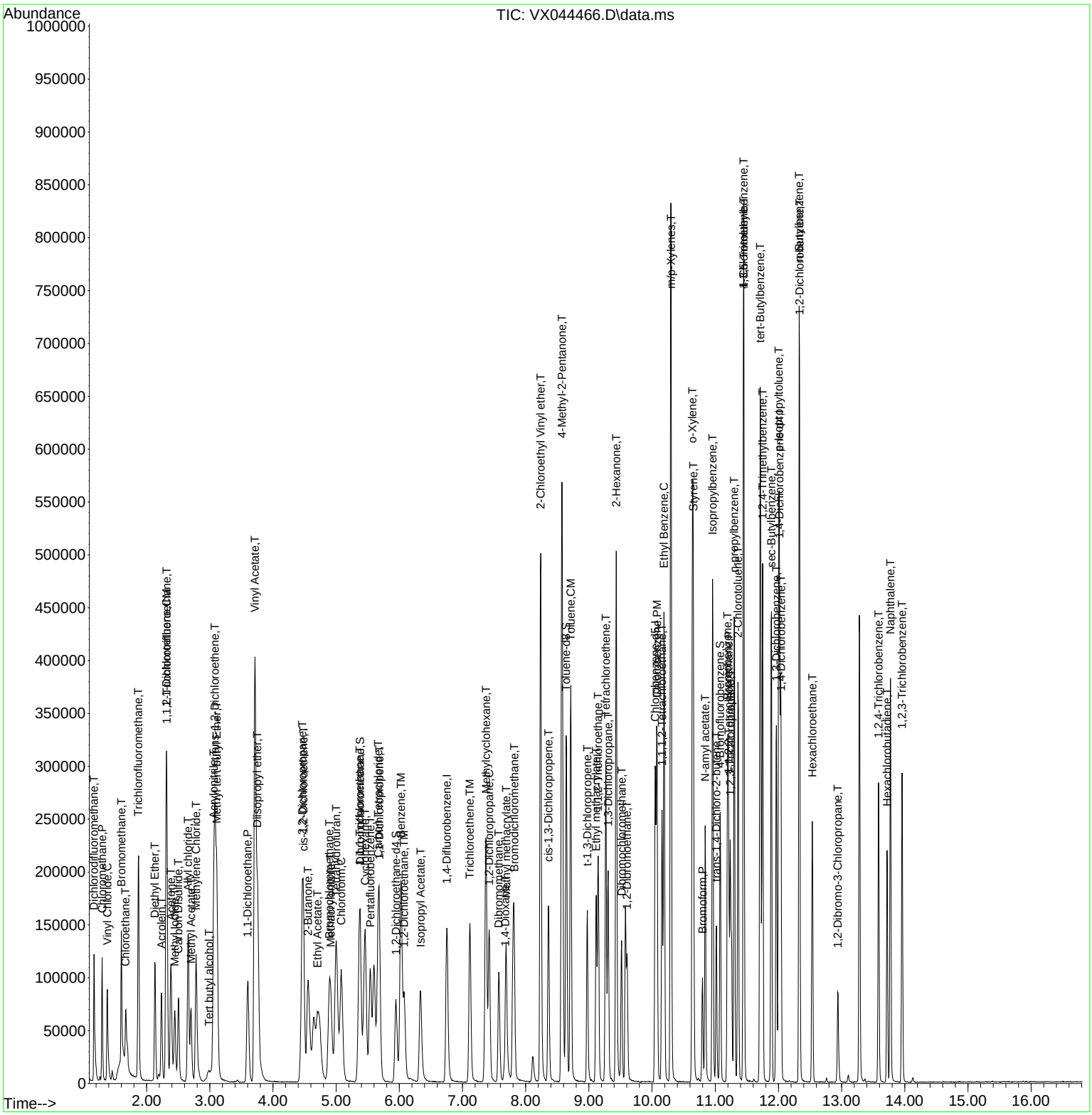
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

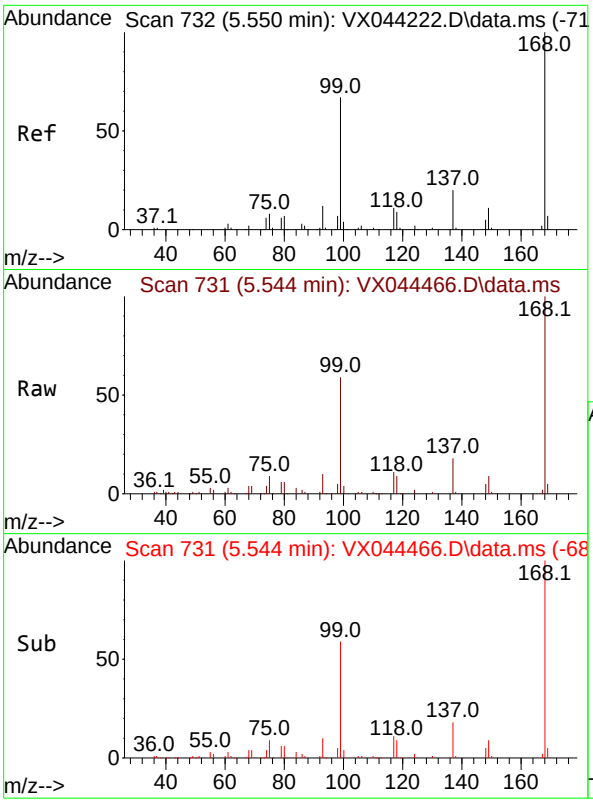
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044466.D
Acq On : 23 Dec 2024 08:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Dec 23 21:50:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



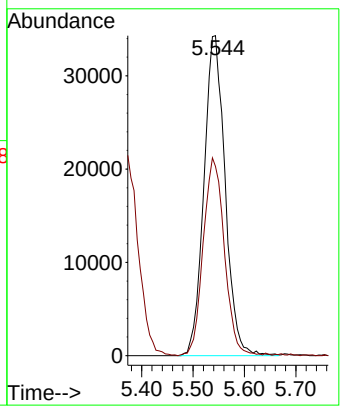


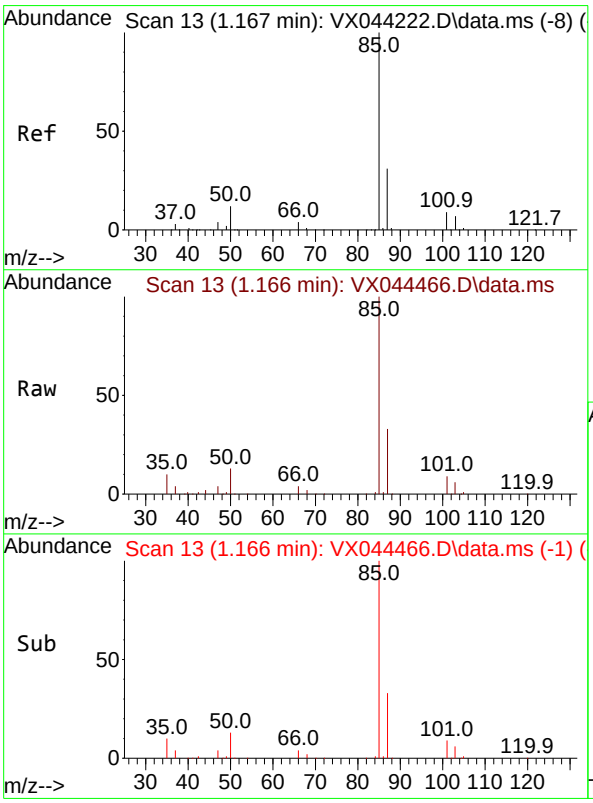
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 98270

Ion	Ratio	Lower	Upper
168	100		
99	59.1	53.4	80.0

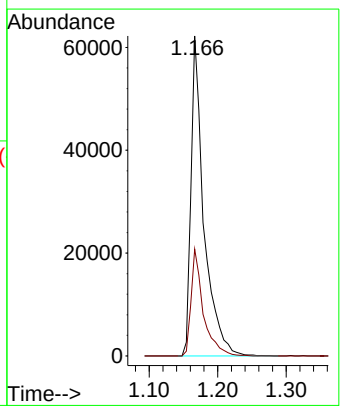


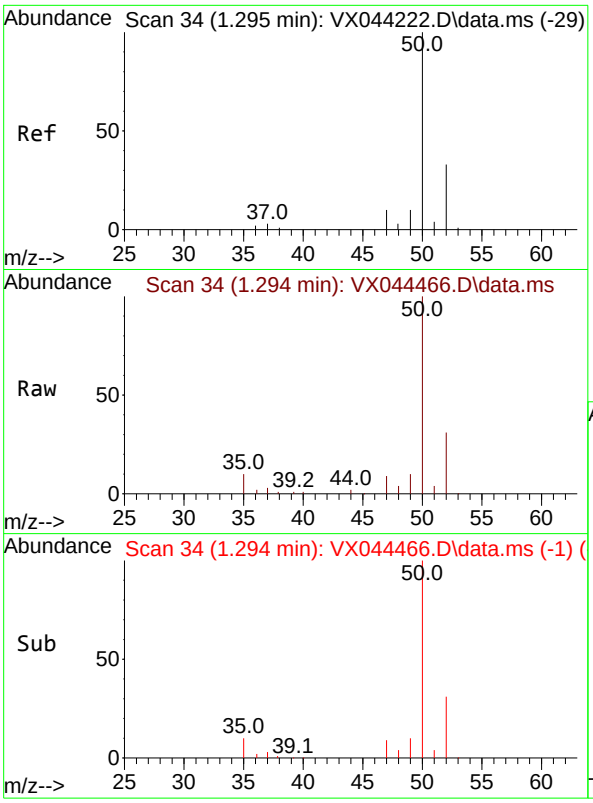


#2
Dichlorodifluoromethane
Concen: 53.431 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 85 Resp: 81189

Ion	Ratio	Lower	Upper
85	100		
87	33.4	15.4	46.4



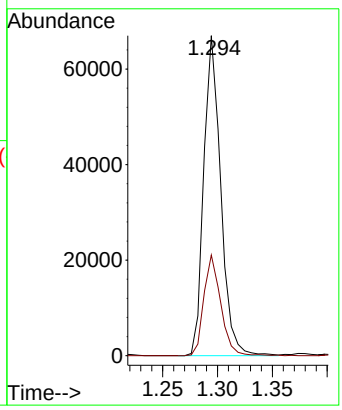


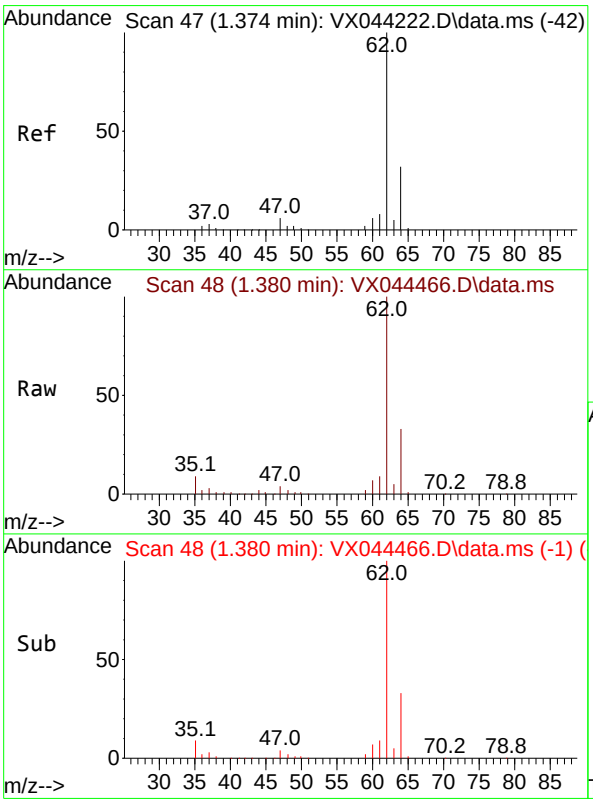
#3
Chloromethane
Concen: 49.584 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 72049

Ion	Ratio	Lower	Upper
50	100		
52	31.5	26.5	39.7

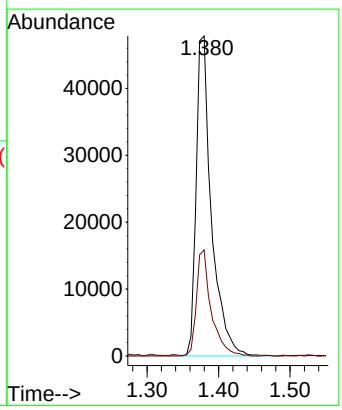


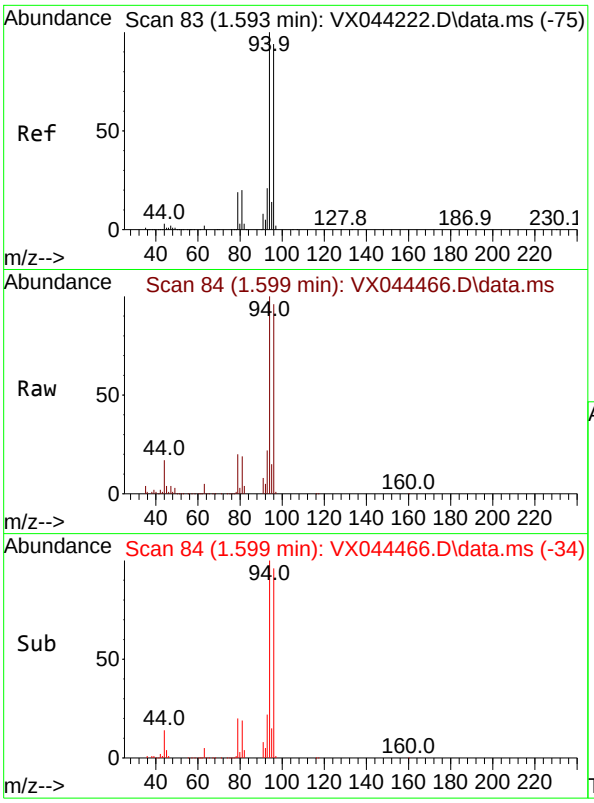


#4
Vinyl Chloride
Concen: 46.640 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 62 Resp: 70604

Ion	Ratio	Lower	Upper
62	100		
64	33.2	25.7	38.5



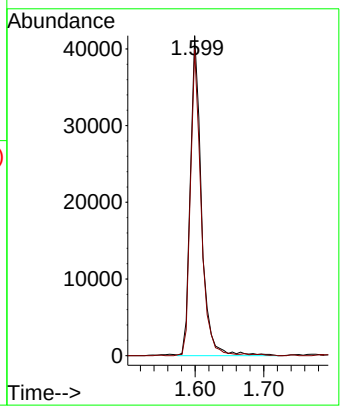


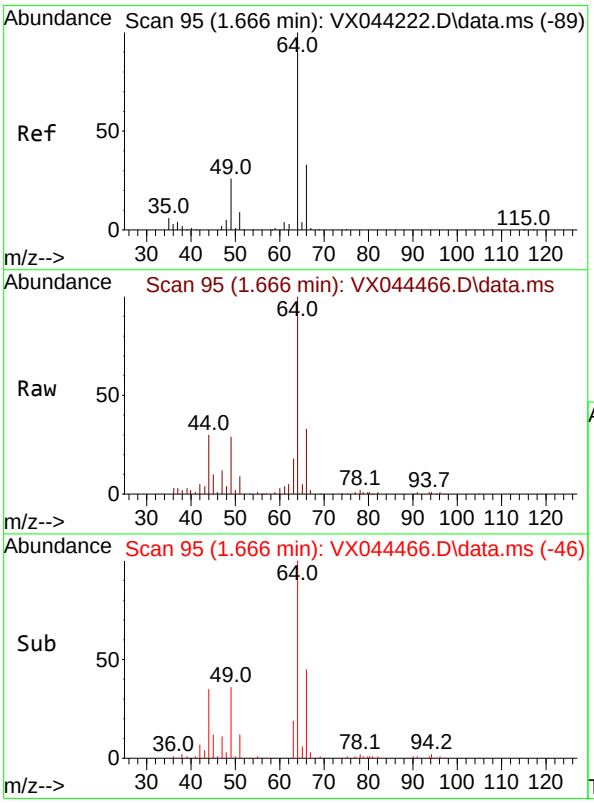
#5
Bromomethane
Concen: 43.904 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 47151

Ion	Ratio	Lower	Upper
94	100		
96	95.7	74.9	112.3

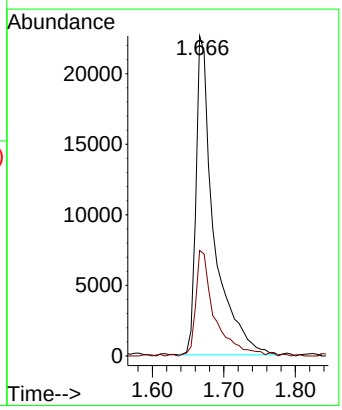


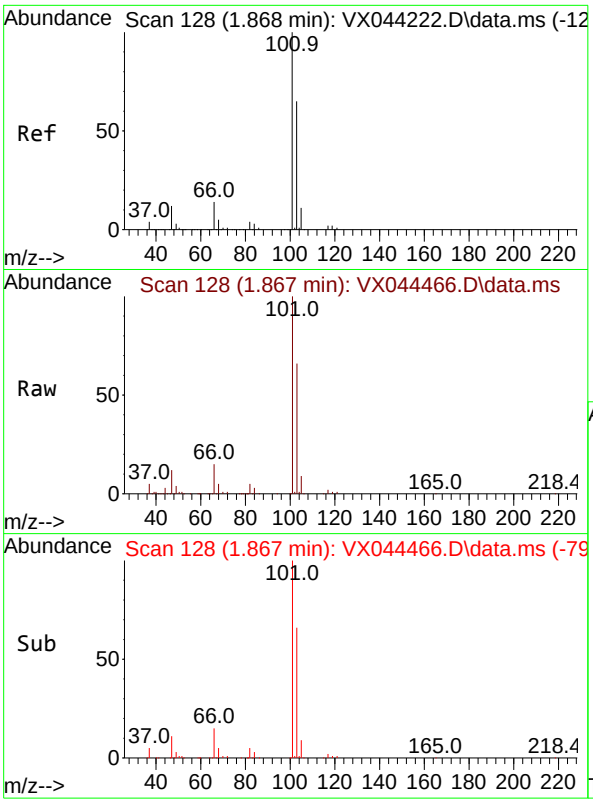


#6
Chloroethane
Concen: 41.487 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 64 Resp: 39107

Ion	Ratio	Lower	Upper
64	100		
66	33.1	26.6	39.8



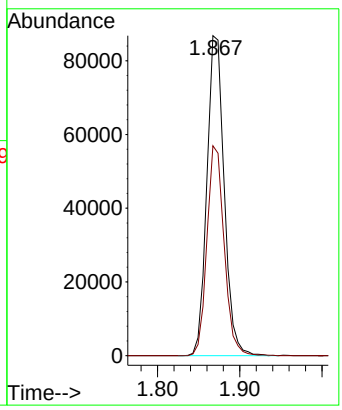


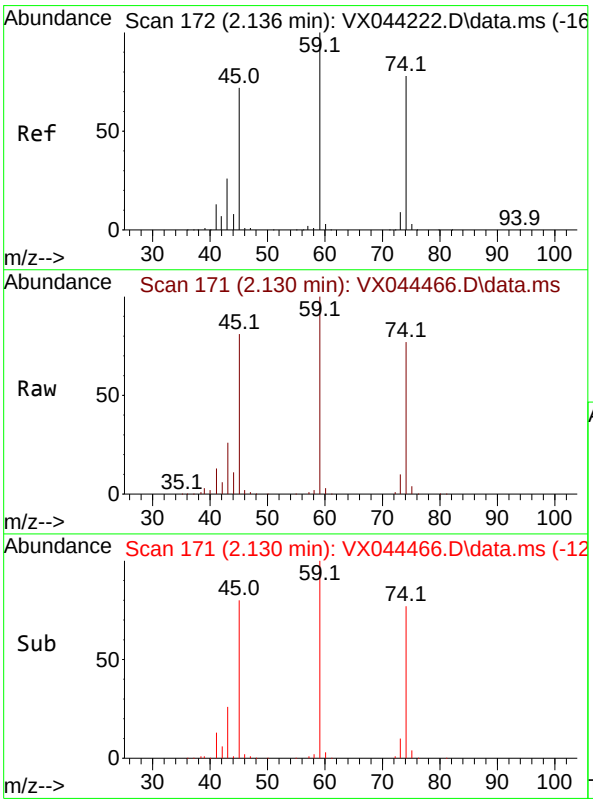
#7
Trichlorofluoromethane
Concen: 42.875 ug/l
RT: 1.867 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 127064

Ion	Ratio	Lower	Upper
101	100		
103	65.6	51.8	77.8

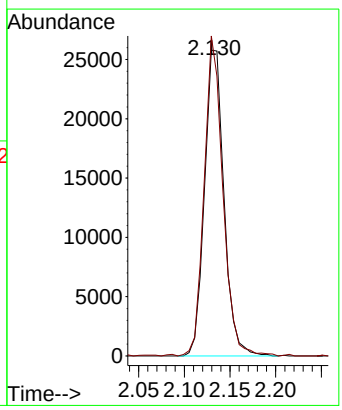


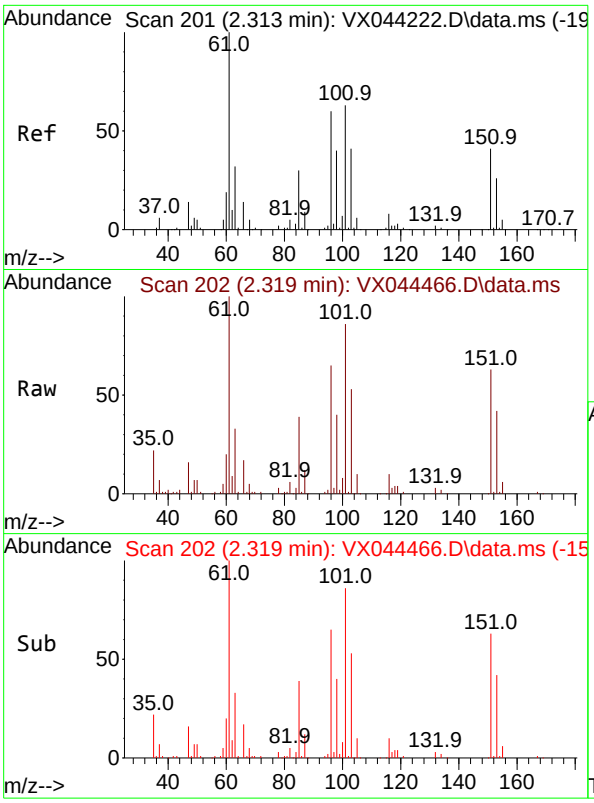


#8
Diethyl Ether
Concen: 37.795 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 74 Resp: 38233

Ion	Ratio	Lower	Upper
74	100		
45	100.4	48.4	145.0



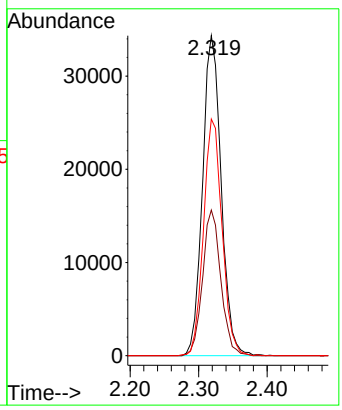


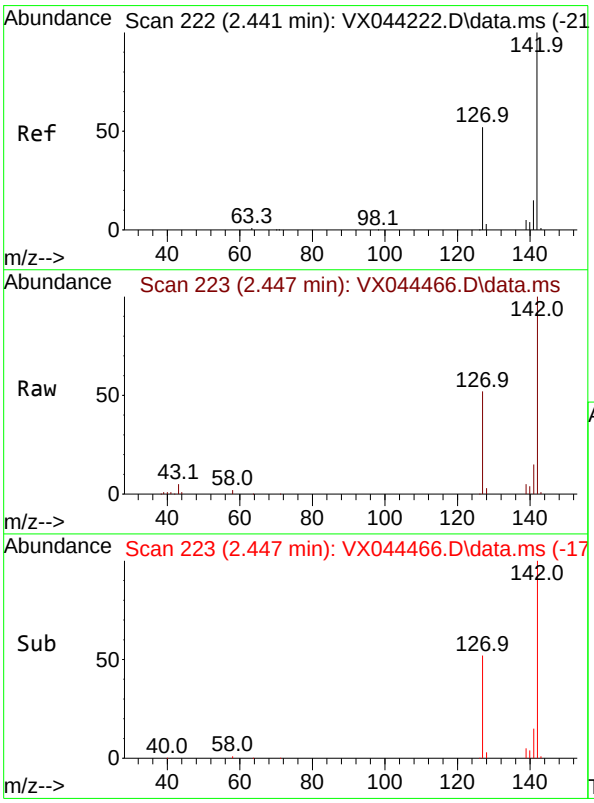
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.311 ug/l
RT: 2.319 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 65130

Ion	Ratio	Lower	Upper
101	100		
85	44.4	38.5	57.7
151	73.4	55.8	83.6

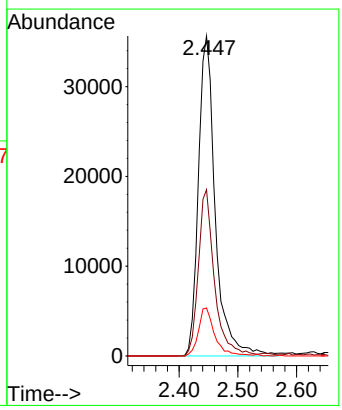


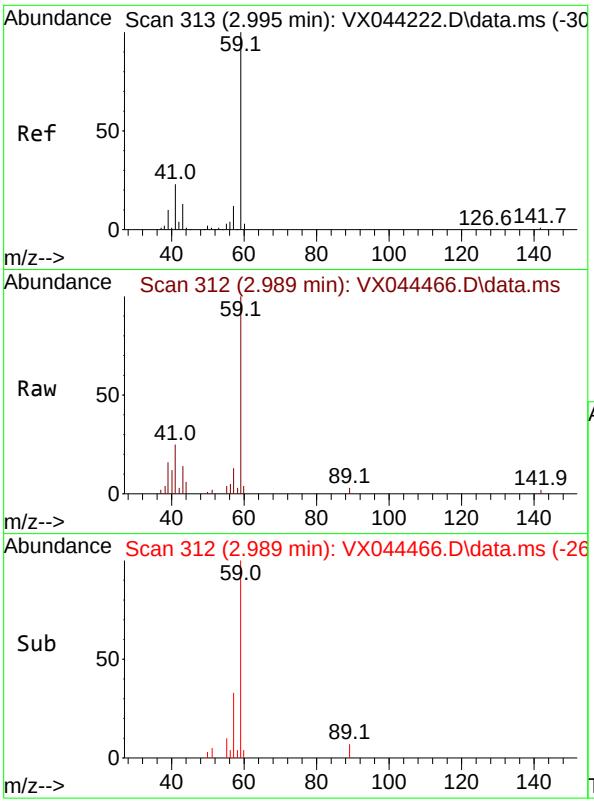


#10
Methyl Iodide
Concen: 44.919 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:142 Resp: 70995

Ion	Ratio	Lower	Upper
142	100		
127	49.4	41.8	62.8
141	14.7	11.5	17.3



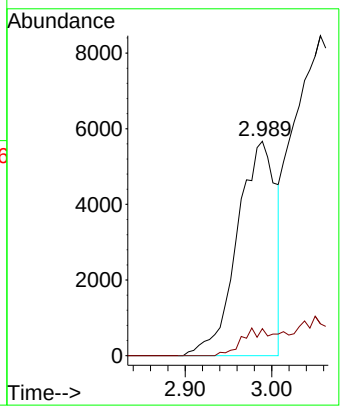


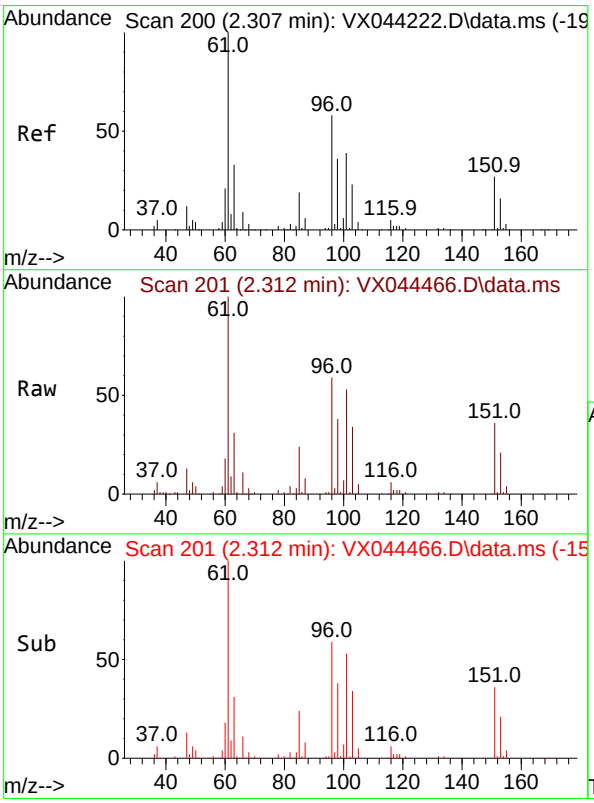
#11
Tert butyl alcohol
Concen: 72.268 ug/l
RT: 2.989 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 17549

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.8	13.2#

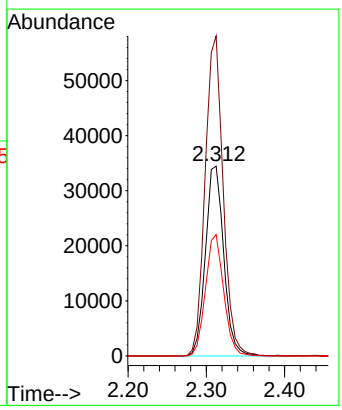


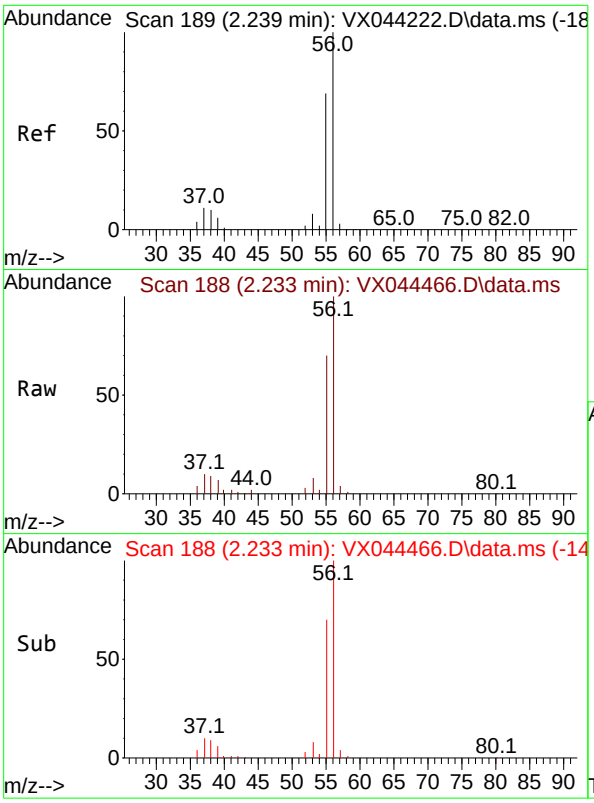


#12
1,1-Dichloroethene
Concen: 50.798 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 96 Resp: 55954

Ion	Ratio	Lower	Upper
96	100		
61	168.4	138.0	207.0
98	63.9	50.0	75.0



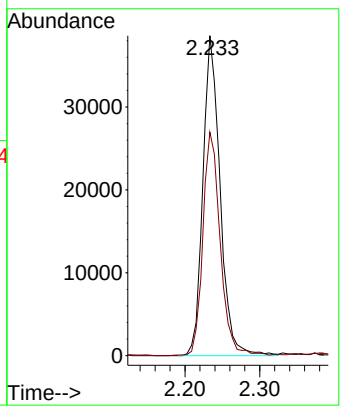


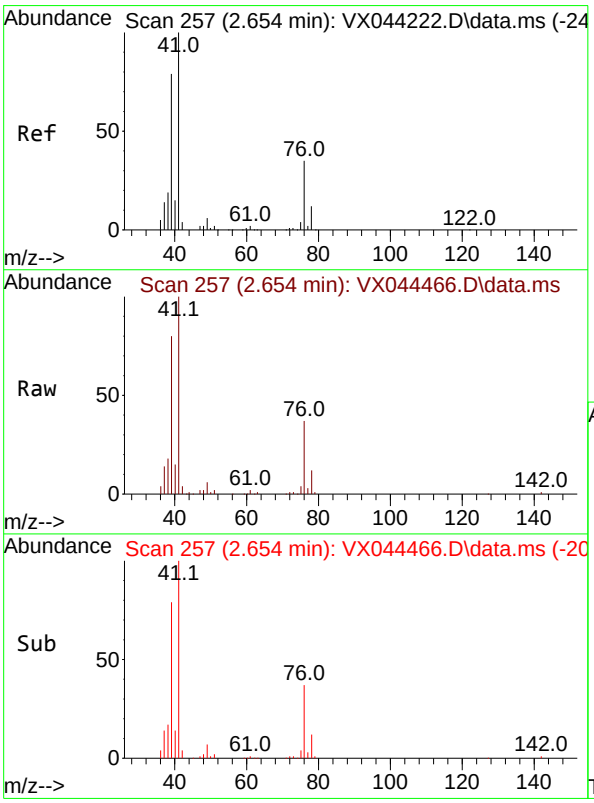
#13
Acrolein
Concen: 175.615 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 61730

Ion	Ratio	Lower	Upper
56	100		
55	70.5	56.6	84.8

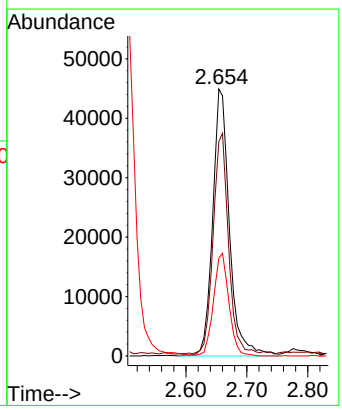


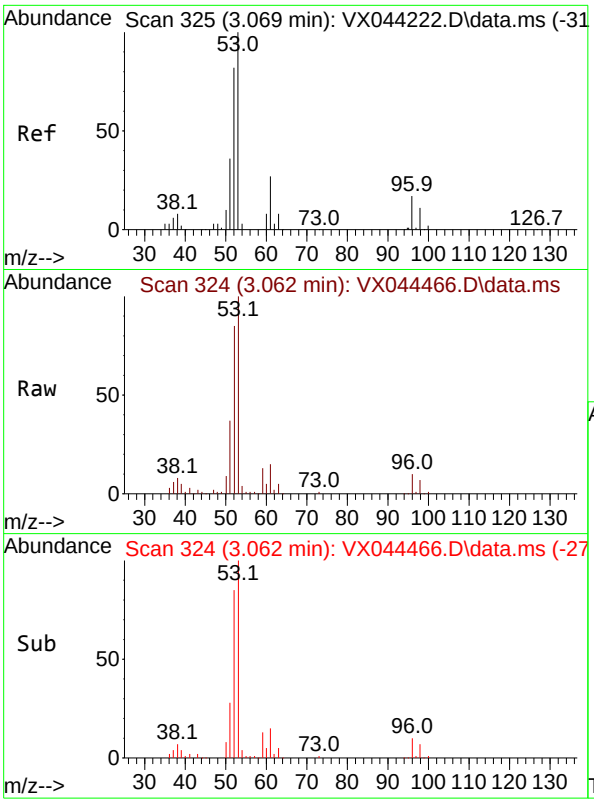


#14
Allyl chloride
Concen: 46.857 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 41 Resp: 85968

Ion	Ratio	Lower	Upper
41	100		
39	75.3	61.9	92.9
76	35.2	27.4	41.2



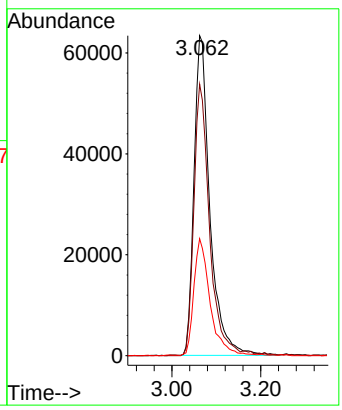


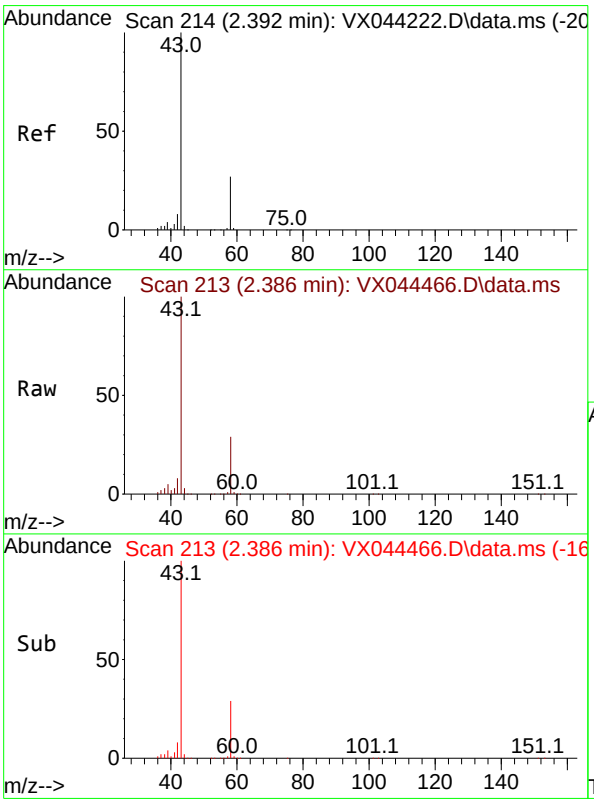
#15
Acrylonitrile
Concen: 234.398 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 157669

Ion	Ratio	Lower	Upper
53	100		
52	83.9	67.4	101.0
51	36.8	30.3	45.5

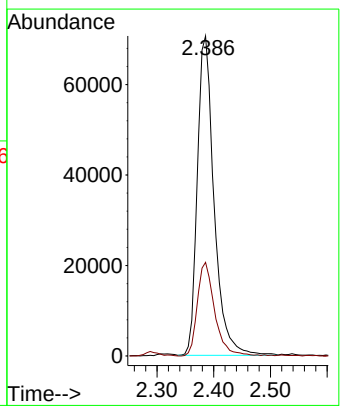


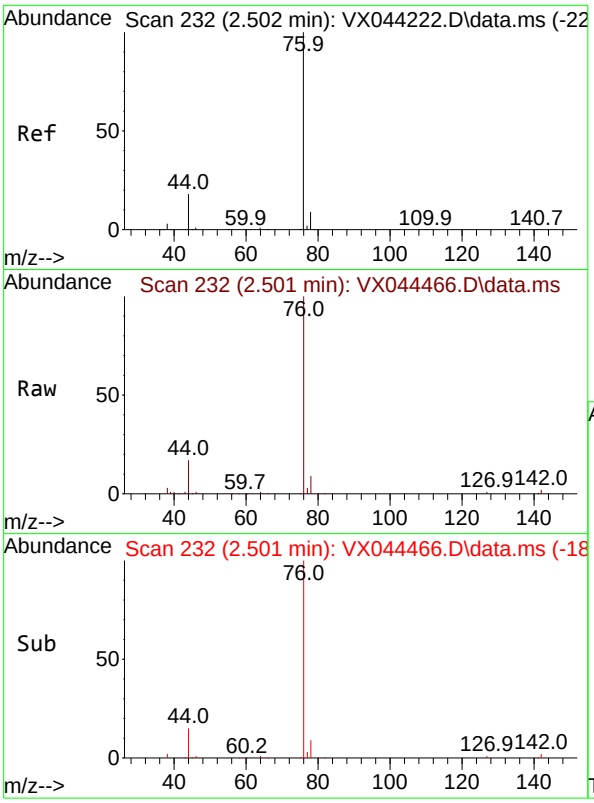


#16
Acetone
Concen: 206.174 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 43 Resp: 144825

Ion	Ratio	Lower	Upper
43	100		
58	29.3	21.6	32.4



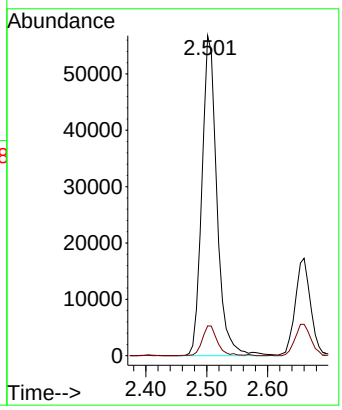


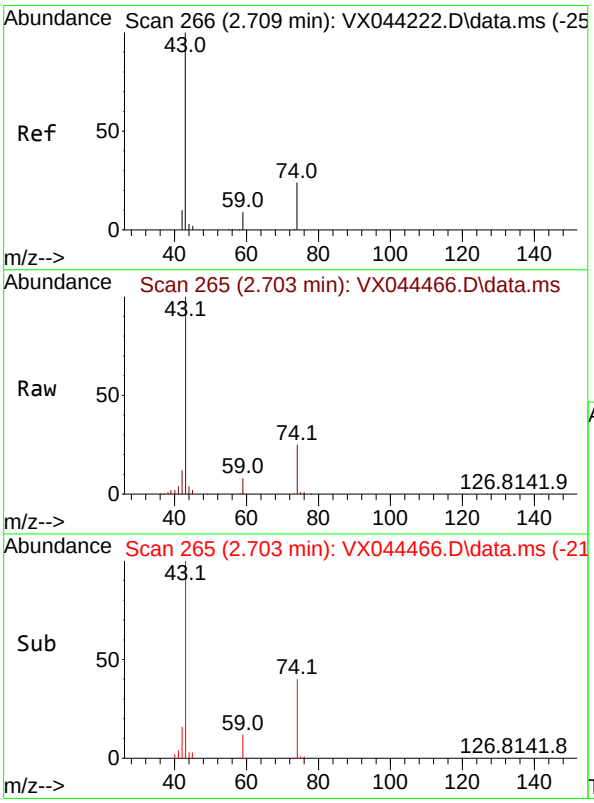
#17
Carbon Disulfide
Concen: 46.493 ug/l
RT: 2.501 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 97346

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.0

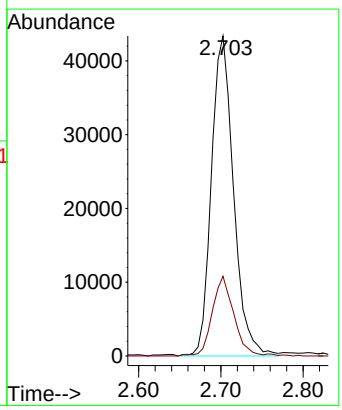


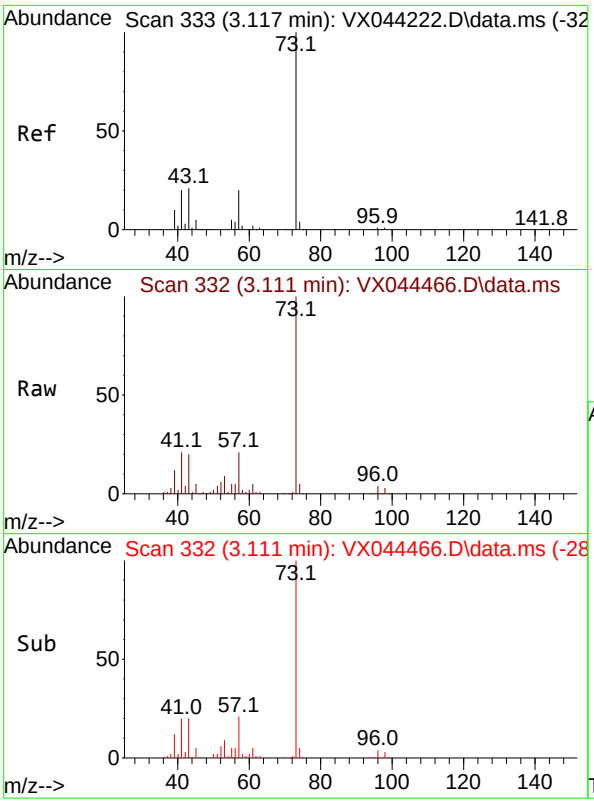


#18
Methyl Acetate
Concen: 44.867 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 43 Resp: 81261

Ion	Ratio	Lower	Upper
43	100		
74	24.4	17.7	26.5



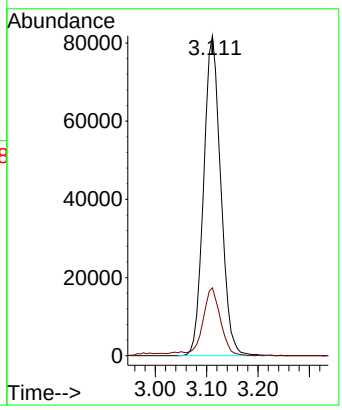


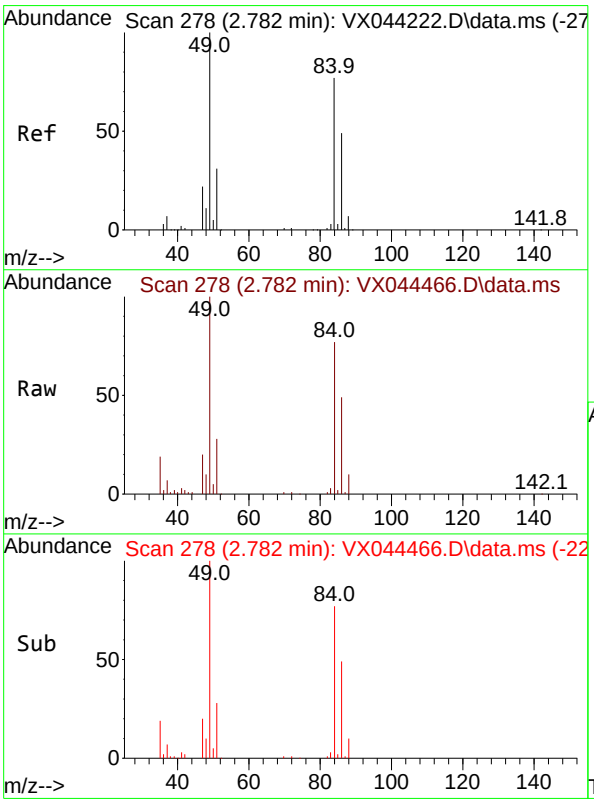
#19
Methyl tert-butyl Ether
Concen: 44.056 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 189369

Ion	Ratio	Lower	Upper
73	100		
57	21.1	16.2	24.4

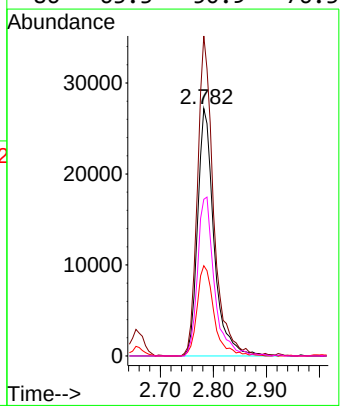


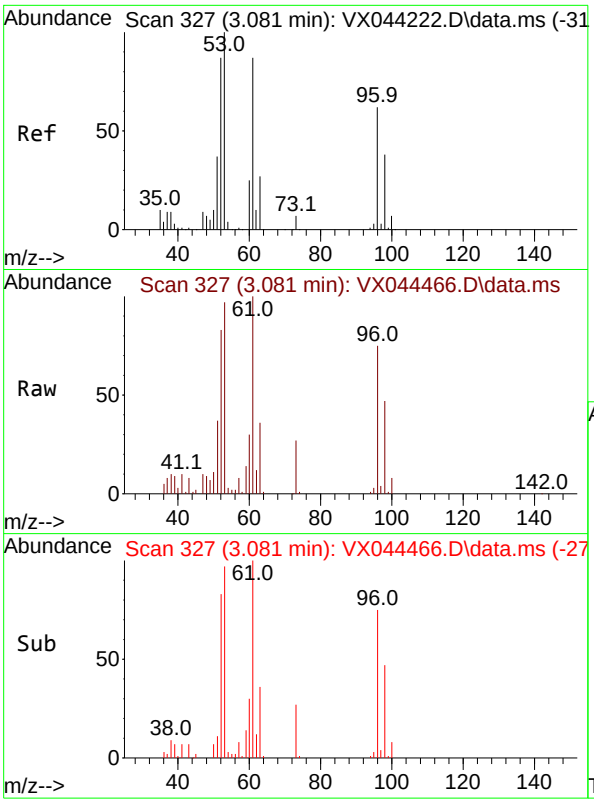


#20
Methylene Chloride
Concen: 44.299 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 84 Resp: 58446

Ion	Ratio	Lower	Upper
84	100		
49	129.3	104.2	156.4
51	36.5	32.2	48.4
86	63.3	50.9	76.3



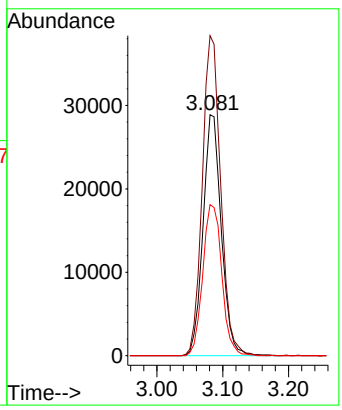


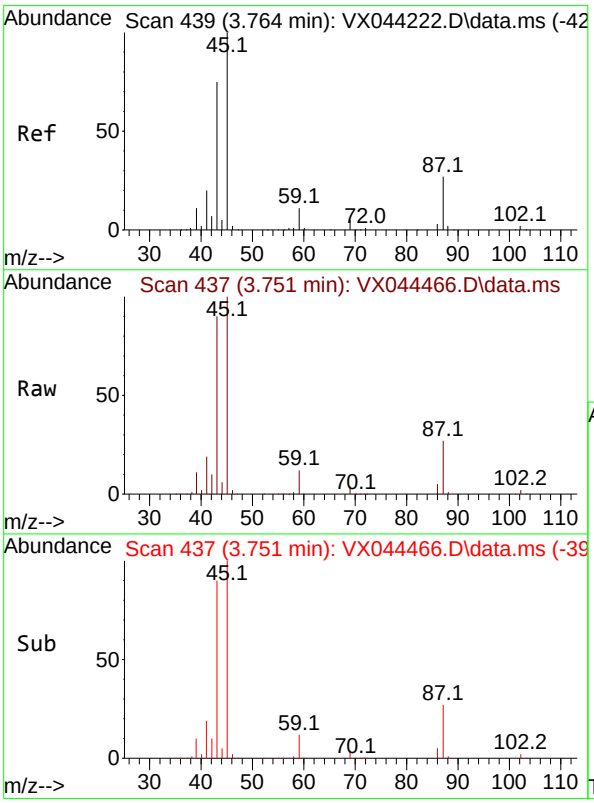
#21
trans-1,2-Dichloroethene
Concen: 47.727 ug/l
RT: 3.081 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 55872

Ion	Ratio	Lower	Upper
96	100		
61	132.8	112.0	168.0
98	62.7	48.8	73.2

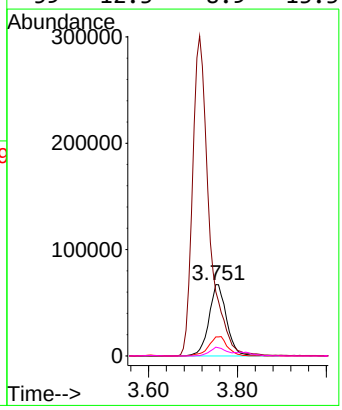


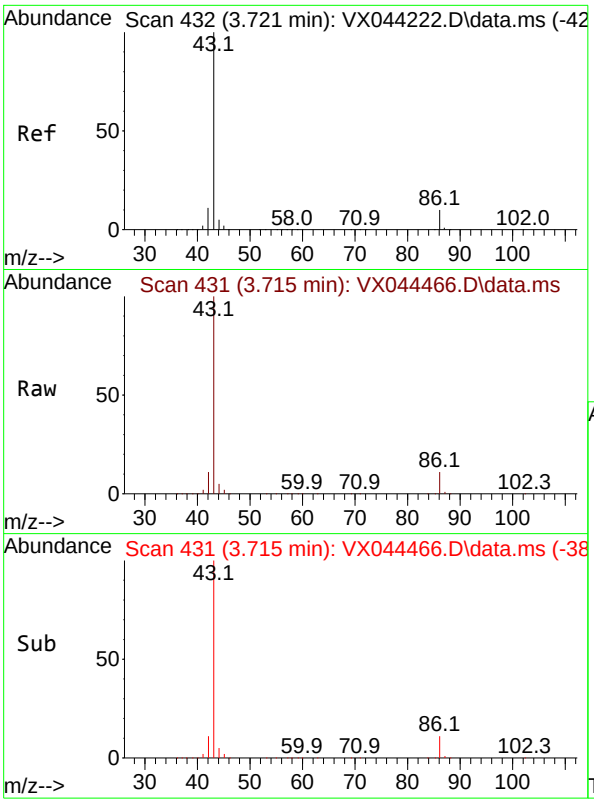


#22
Diisopropyl ether
Concen: 44.904 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.012 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 45 Resp: 185514

Ion	Ratio	Lower	Upper
45	100		
43	89.8	60.2	90.2
87	26.8	21.2	31.8
59	12.3	8.9	13.3



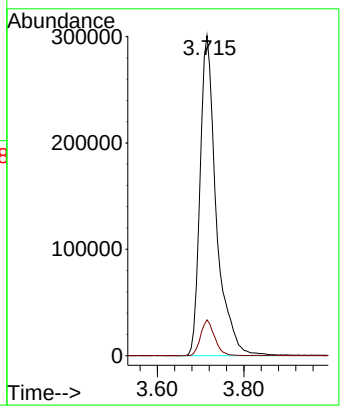


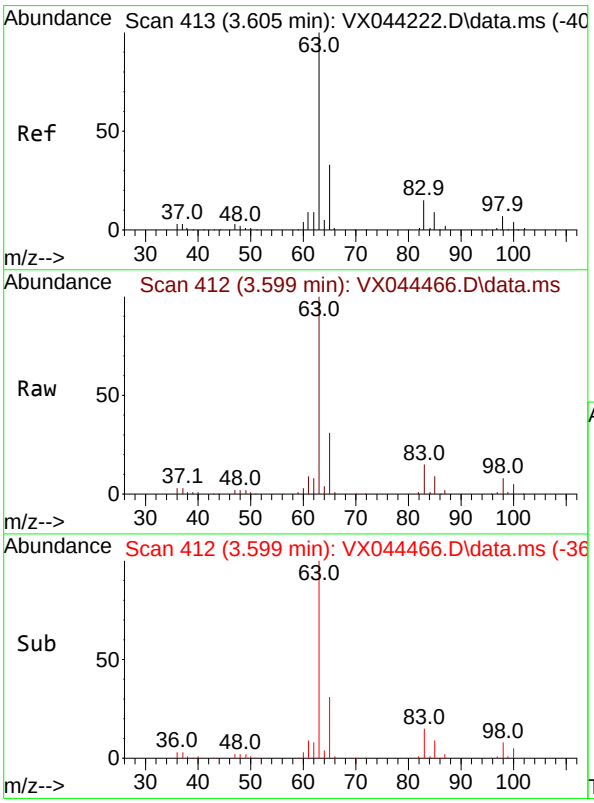
#23
Vinyl Acetate
Concen: 233.215 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 783324

Ion	Ratio	Lower	Upper
43	100		
86	11.2	8.2	12.2

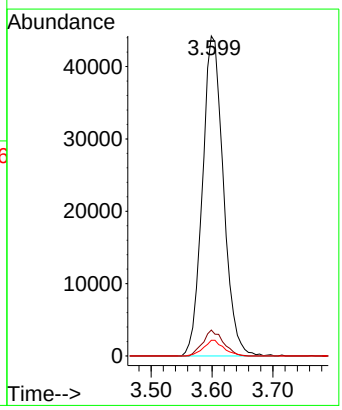


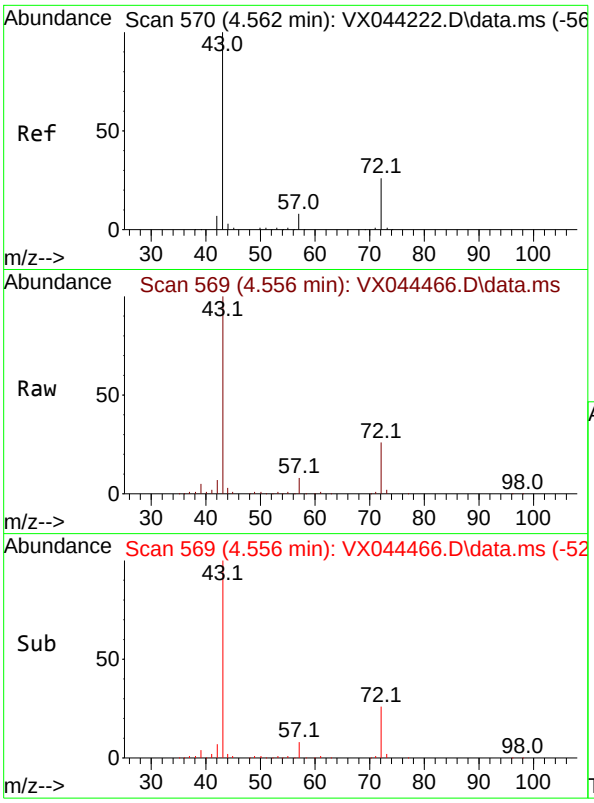


#24
1,1-Dichloroethane
Concen: 46.032 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 63 Resp: 106007

Ion	Ratio	Lower	Upper
63	100		
98	8.1	3.6	10.8
100	4.9	2.1	6.3



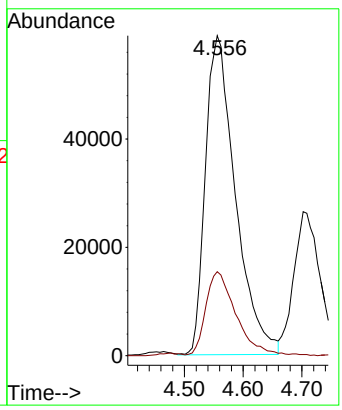


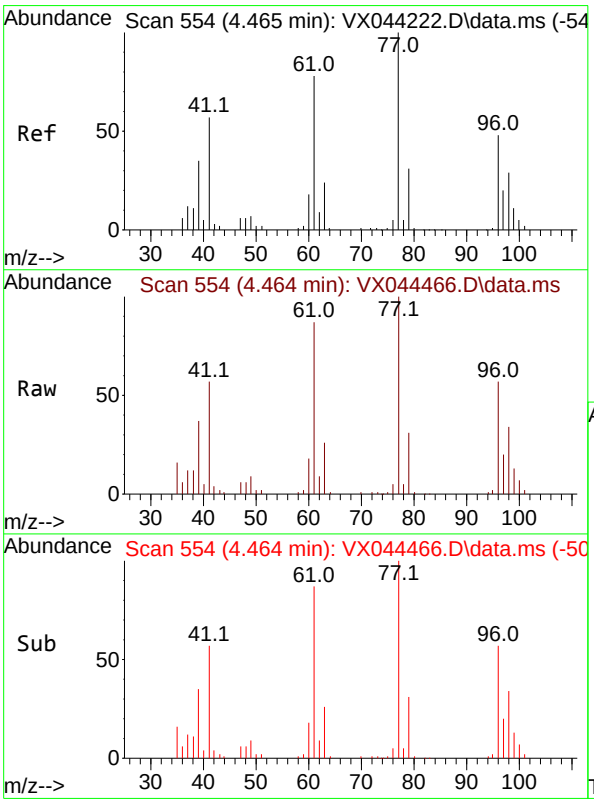
#25
2-Butanone
Concen: 209.482 ug/l
RT: 4.556 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 209192

Ion	Ratio	Lower	Upper
43	100		
72	25.8	20.2	30.4

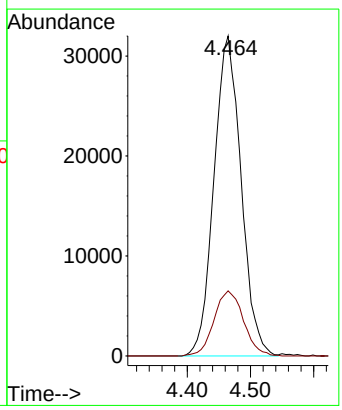


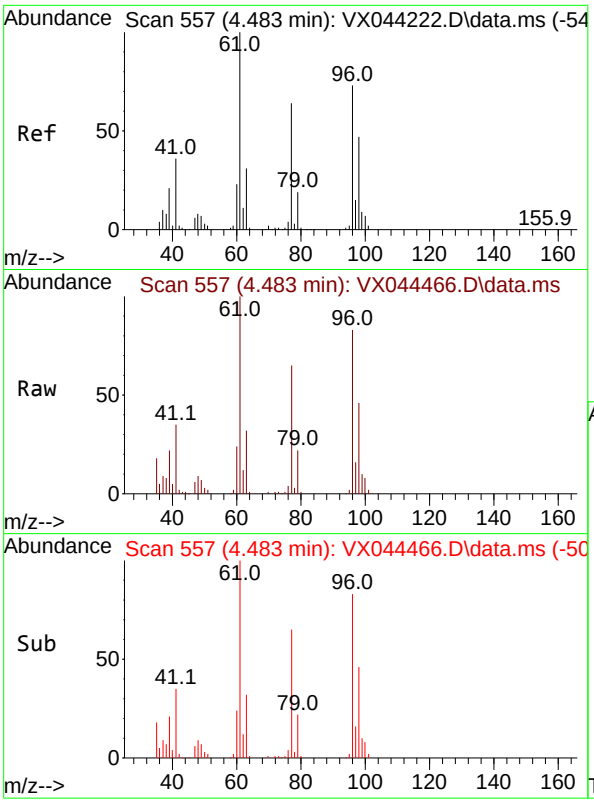


#26
2,2-Dichloropropane
Concen: 50.896 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 77 Resp: 95219

Ion	Ratio	Lower	Upper
77	100		
97	22.1	10.7	32.1



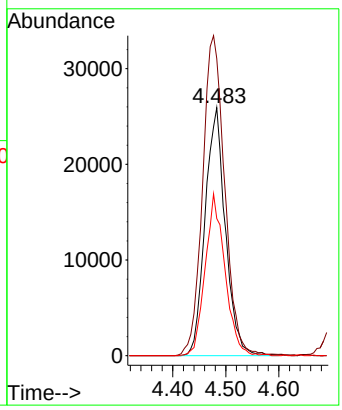


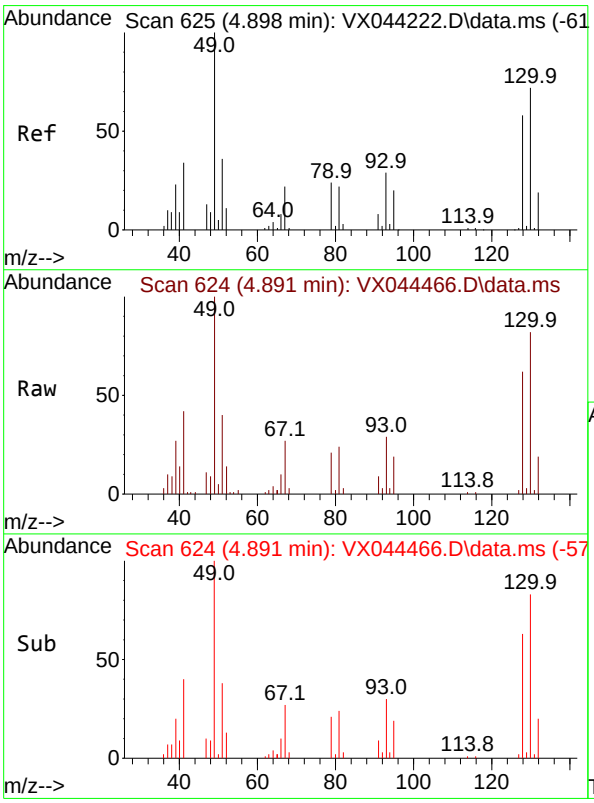
#27
cis-1,2-Dichloroethene
Concen: 46.309 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 68850

Ion	Ratio	Lower	Upper
96	100		
61	141.1	0.0	299.0
98	63.7	0.0	129.0

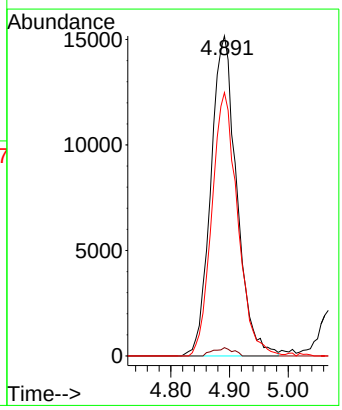


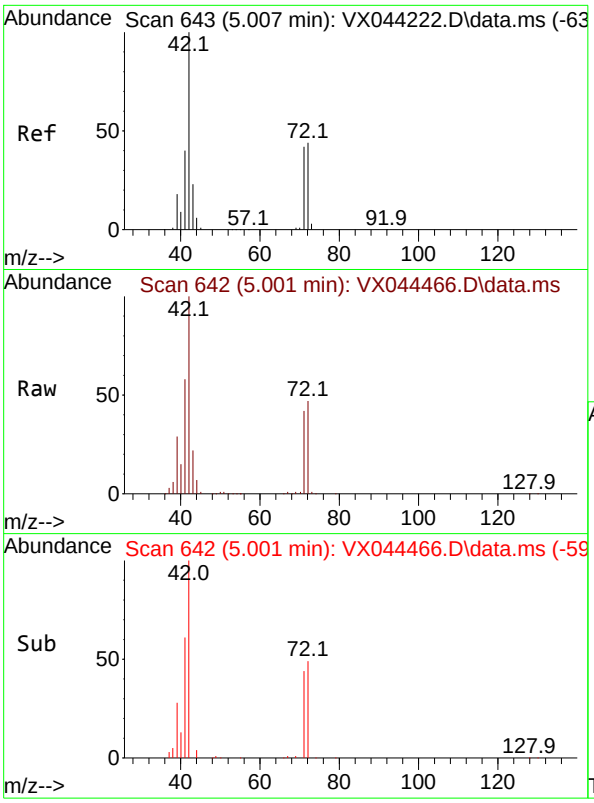


#28
Bromochloromethane
Concen: 41.140 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 49 Resp: 46458

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	82.1	62.1	93.1



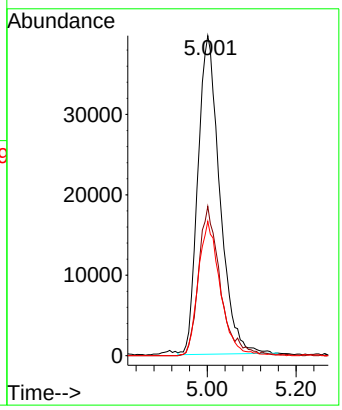


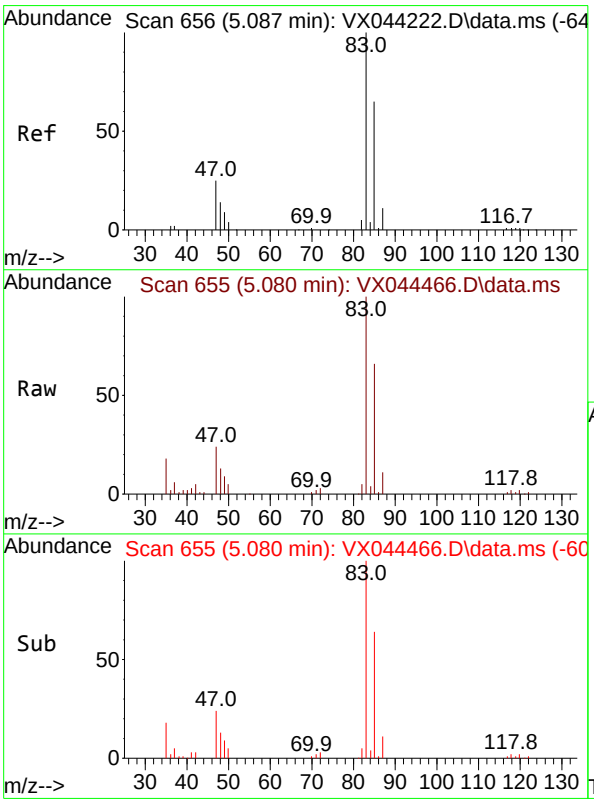
#29
Tetrahydrofuran
Concen: 211.723 ug/l
RT: 5.001 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 135710

Ion	Ratio	Lower	Upper
42	100		
72	46.3	37.0	55.6
71	42.3	33.6	50.4

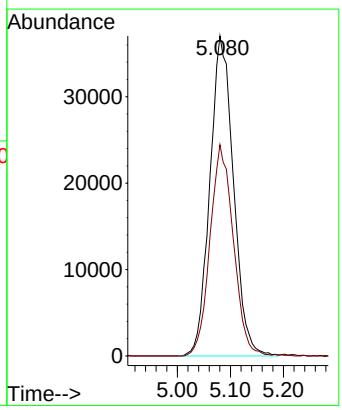


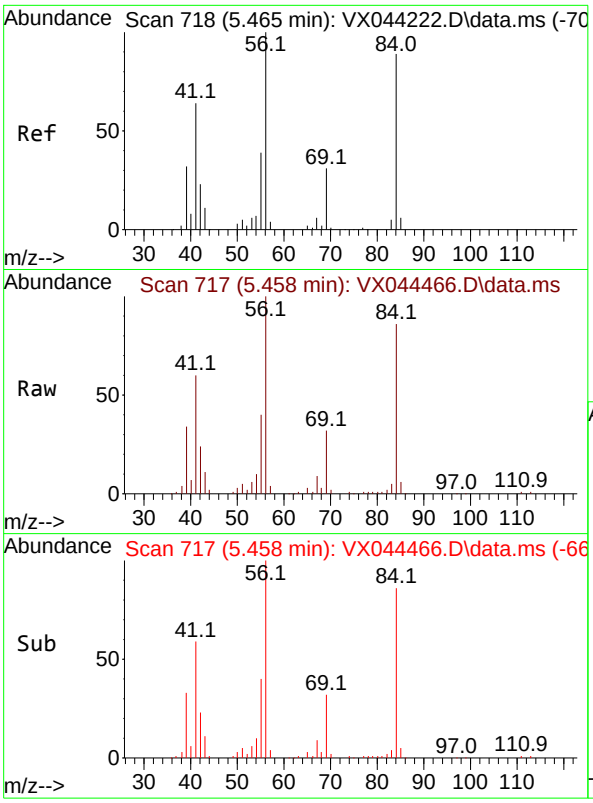


#30
Chloroform
Concen: 44.231 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 83 Resp: 114443

Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.6	77.4



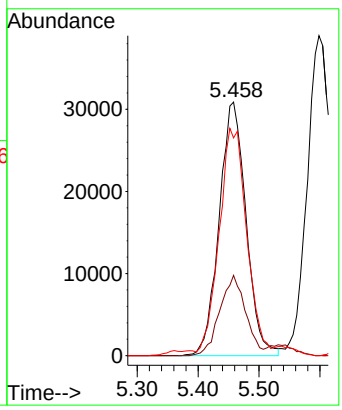


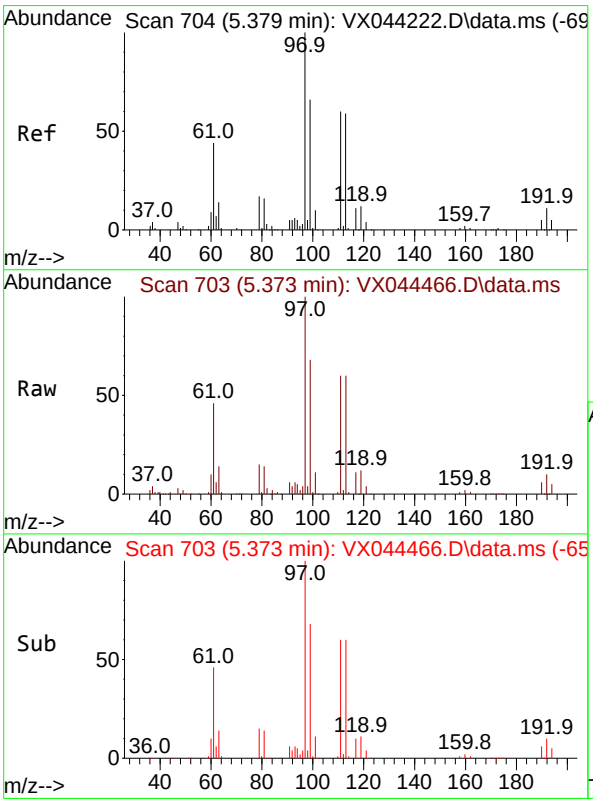
#31
Cyclohexane
Concen: 50.934 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 94719

Ion	Ratio	Lower	Upper
56	100		
69	31.7	24.7	37.1
84	84.1	71.0	106.6

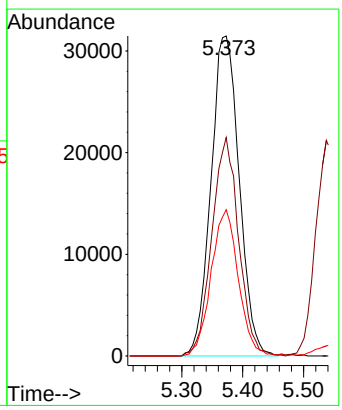


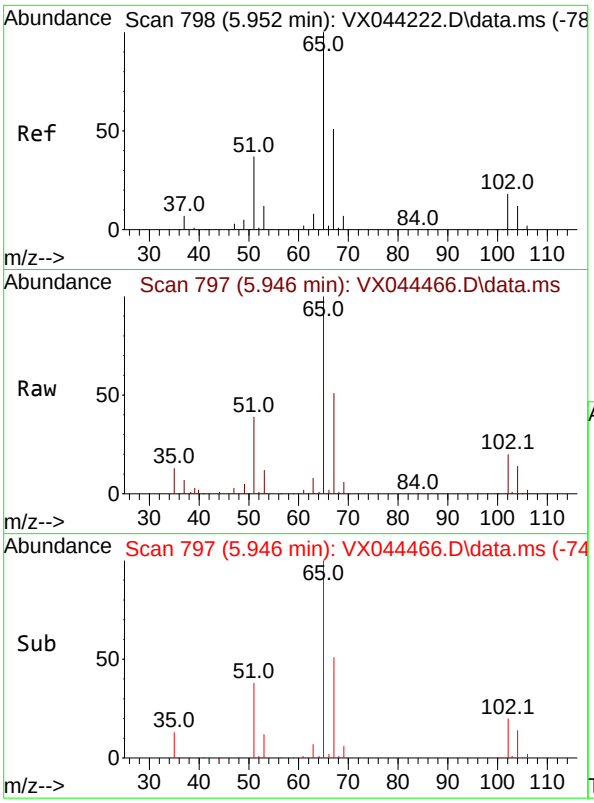


#32
1,1,1-Trichloroethane
Concen: 47.248 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 97 Resp: 101477

Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.8	76.2
61	44.1	35.2	52.8



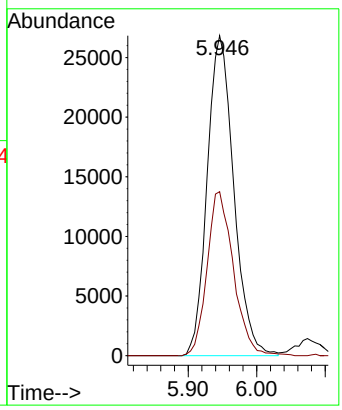


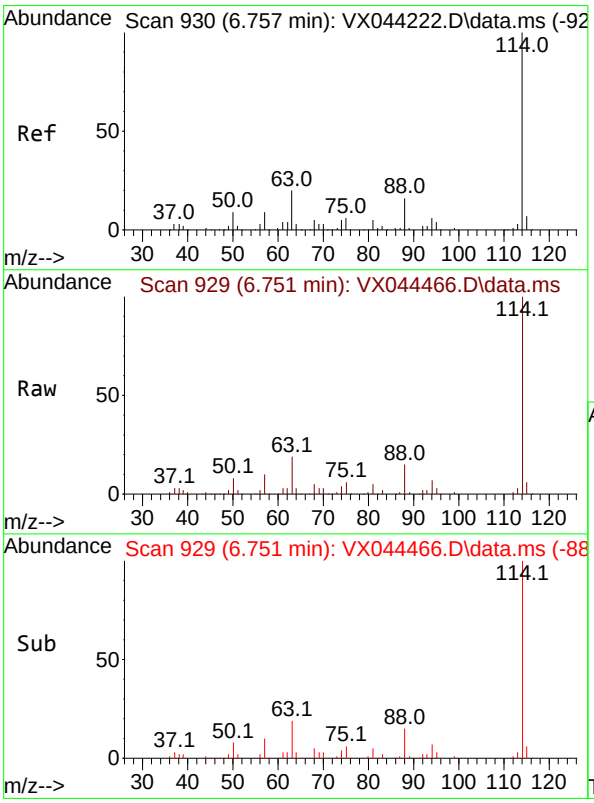
#33
1,2-Dichloroethane-d4
Concen: 41.918 ug/l
RT: 5.946 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 72225

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	101.6

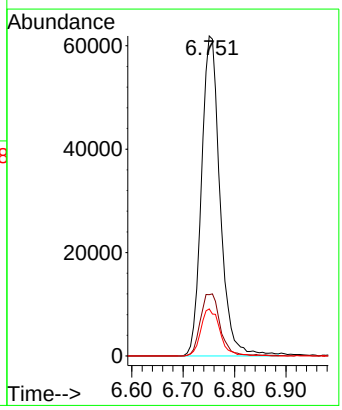


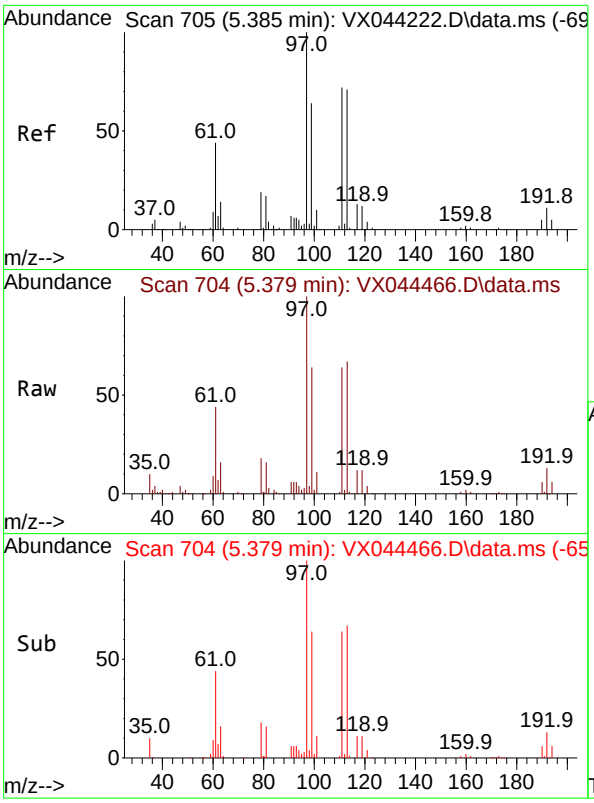


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:114 Resp: 155098

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	40.6
88	14.7	0.0	31.8



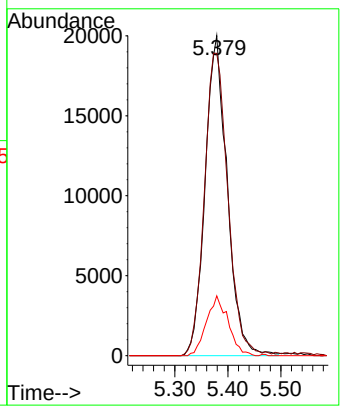


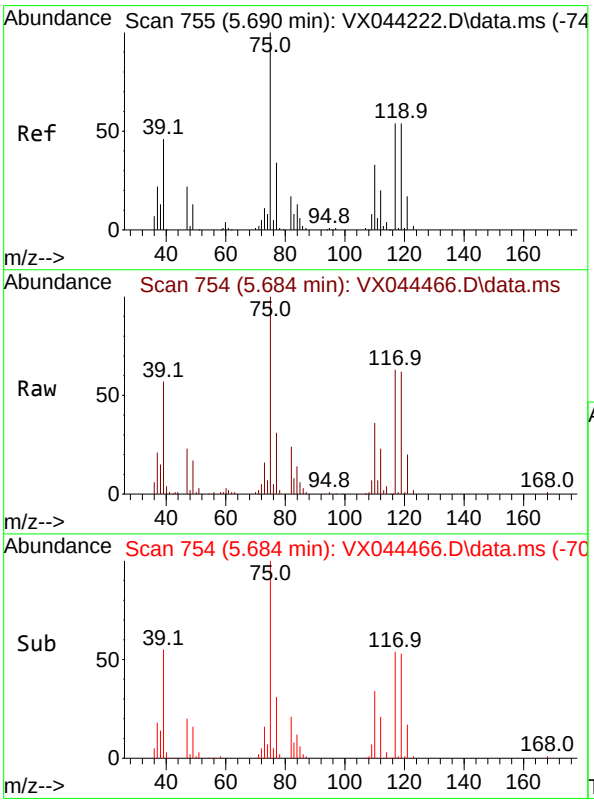
#35
Dibromofluoromethane
Concen: 53.732 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 57719

Ion	Ratio	Lower	Upper
113	100		
111	100.7	80.4	120.6
192	18.4	13.3	19.9

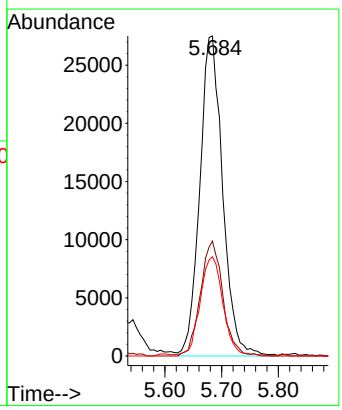


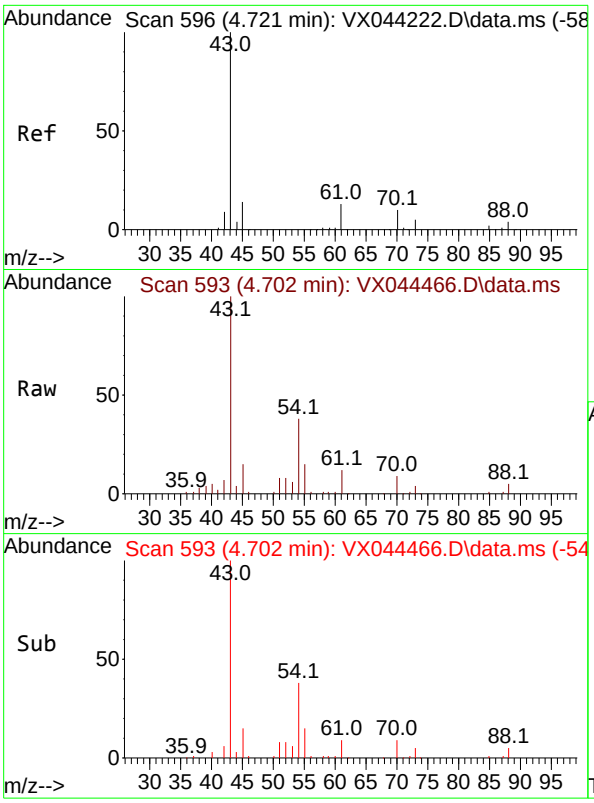


#36
1,1-Dichloropropene
Concen: 55.509 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 75 Resp: 77076

Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.3	51.7
77	31.1	25.4	38.0



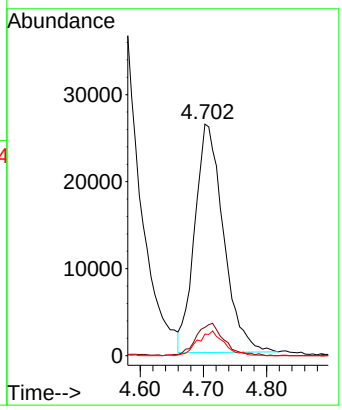


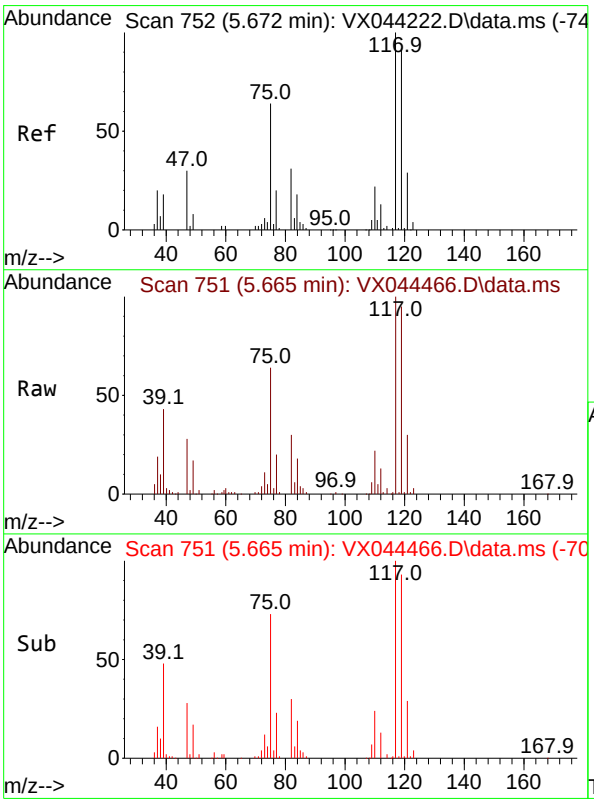
#37
Ethyl Acetate
Concen: 48.216 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.018 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 82758

Ion	Ratio	Lower	Upper
43	100		
61	13.9	9.8	14.8
70	9.9	7.7	11.5

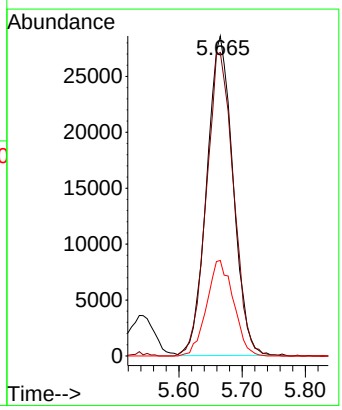


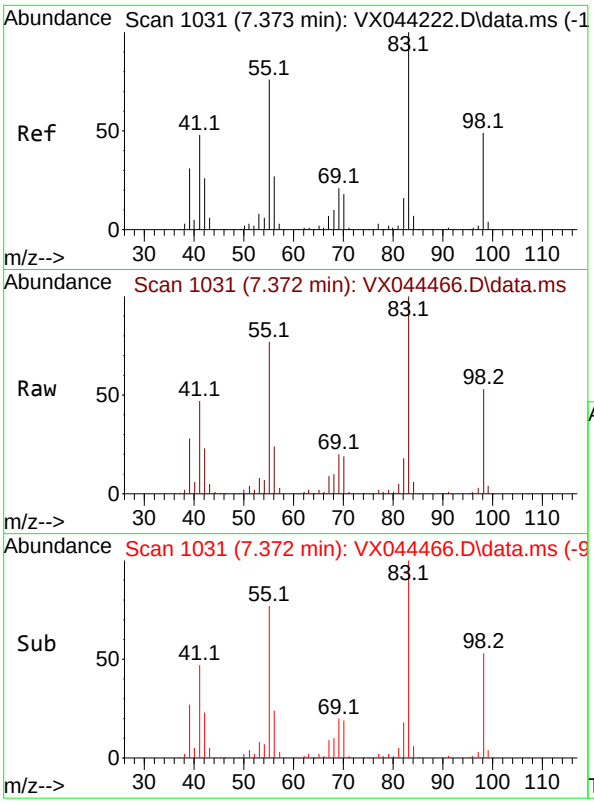


#38
Carbon Tetrachloride
Concen: 55.181 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:117 Resp: 82491

Ion	Ratio	Lower	Upper
117	100		
119	94.8	74.2	111.4
121	29.9	23.0	34.6



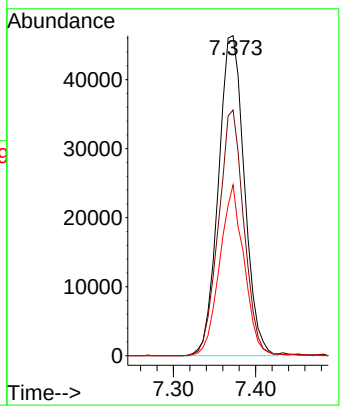


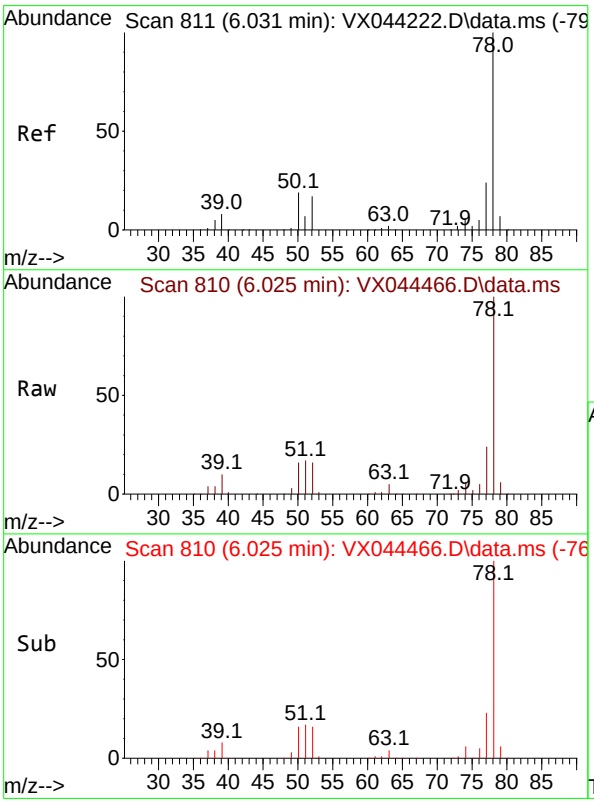
#39
Methylcyclohexane
Concen: 61.418 ug/l
RT: 7.372 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 101951

Ion	Ratio	Lower	Upper
83	100		
55	76.8	60.7	91.1
98	53.4	38.9	58.3

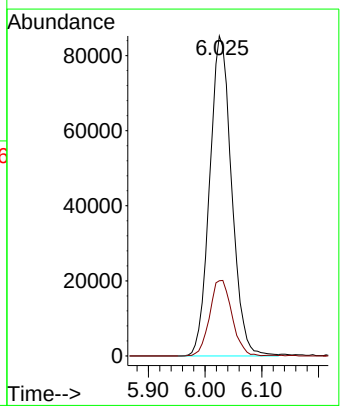


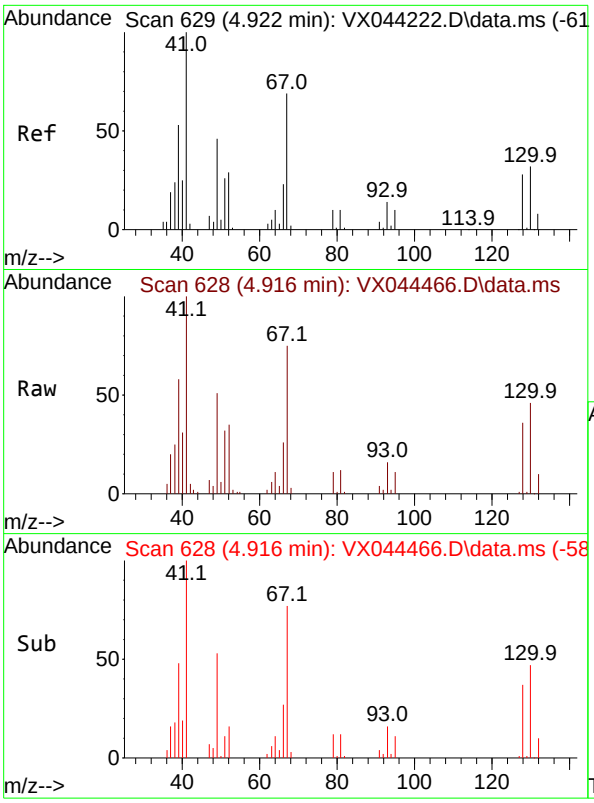


#40
Benzene
Concen: 54.397 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 78 Resp: 229329

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9



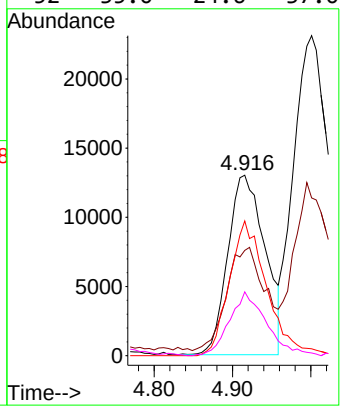


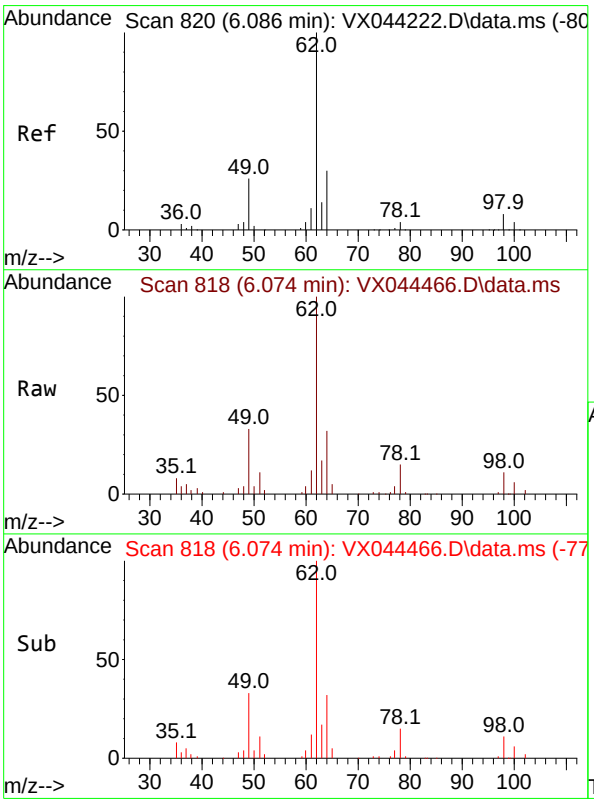
#41
Methacrylonitrile
Concen: 47.172 ug/l
RT: 4.916 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 42994

Ion	Ratio	Lower	Upper
41	100		
39	59.4	44.2	66.4
67	75.7	57.2	85.8
52	35.0	24.6	37.0

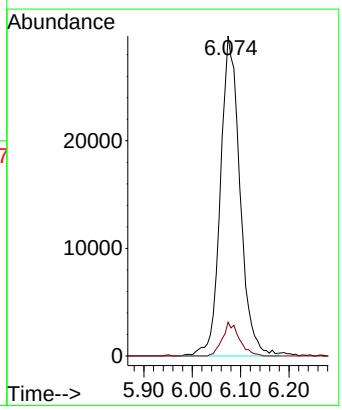


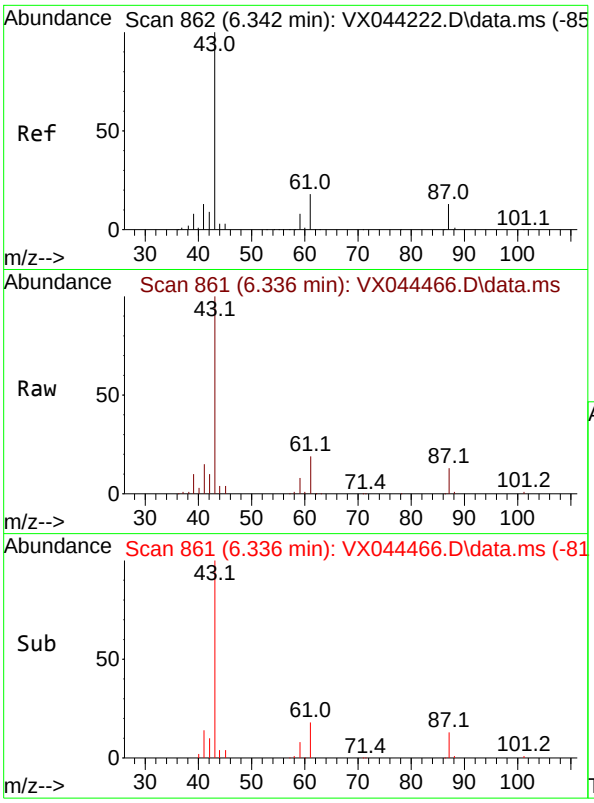


#42
1,2-Dichloroethane
Concen: 48.161 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.012 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 62 Resp: 83638

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	15.8



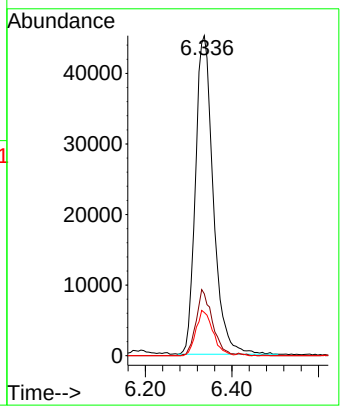


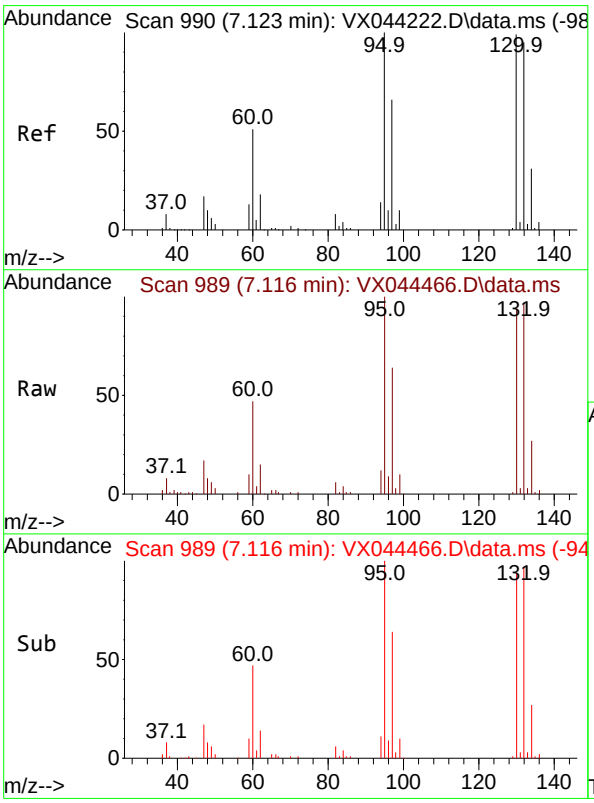
#43
Isopropyl Acetate
Concen: 47.918 ug/l
RT: 6.336 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 128551

Ion	Ratio	Lower	Upper
43	100		
61	19.0	14.2	21.2
87	13.5	10.2	15.2

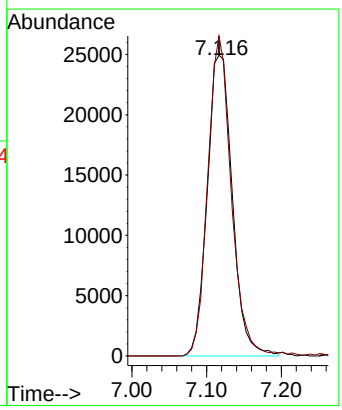


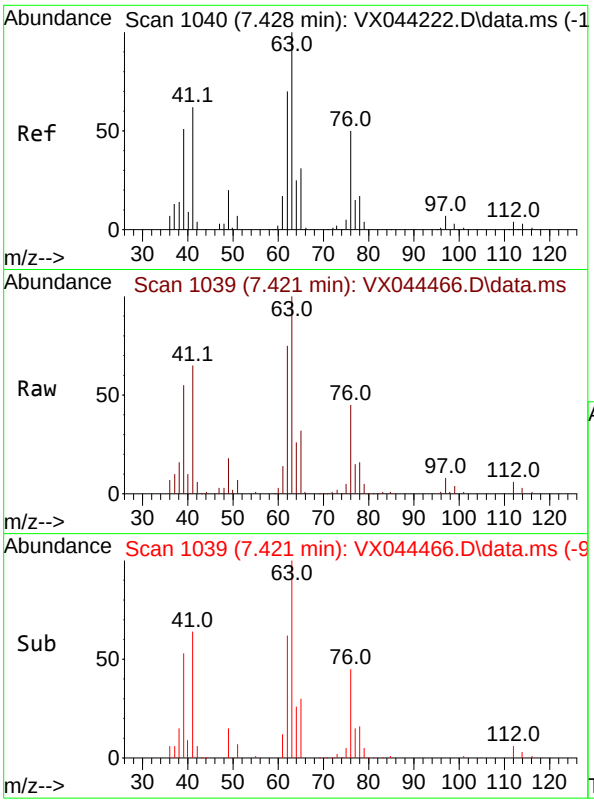


#44
Trichloroethene
Concen: 55.326 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:130 Resp: 58165

Ion	Ratio	Lower	Upper
130	100		
95	106.5	0.0	201.4



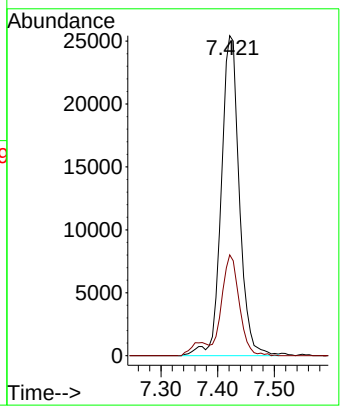


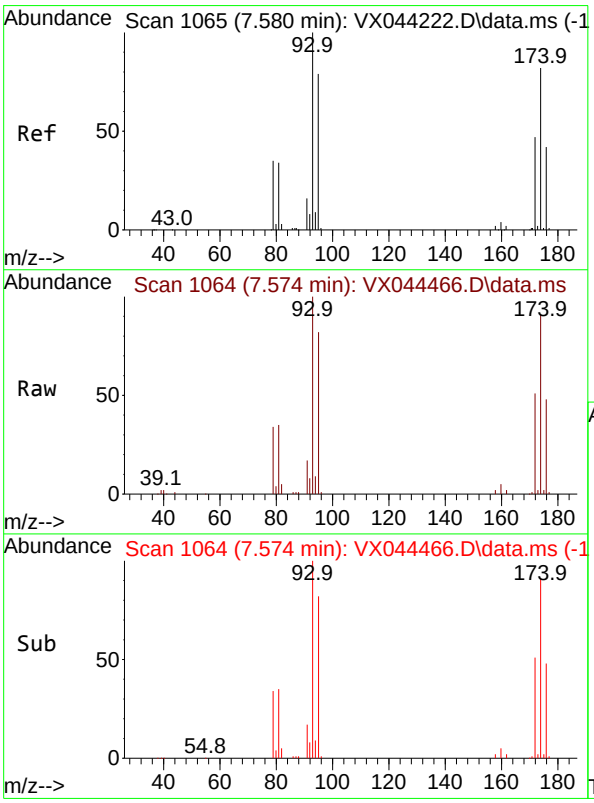
#45
1,2-Dichloropropane
Concen: 52.281 ug/l
RT: 7.421 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 56311

Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.6	37.0

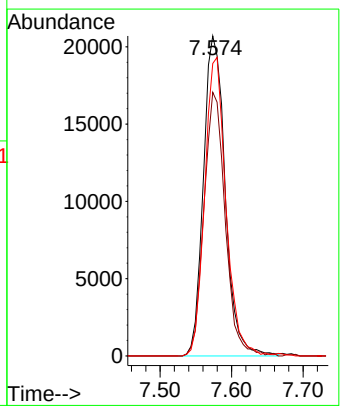


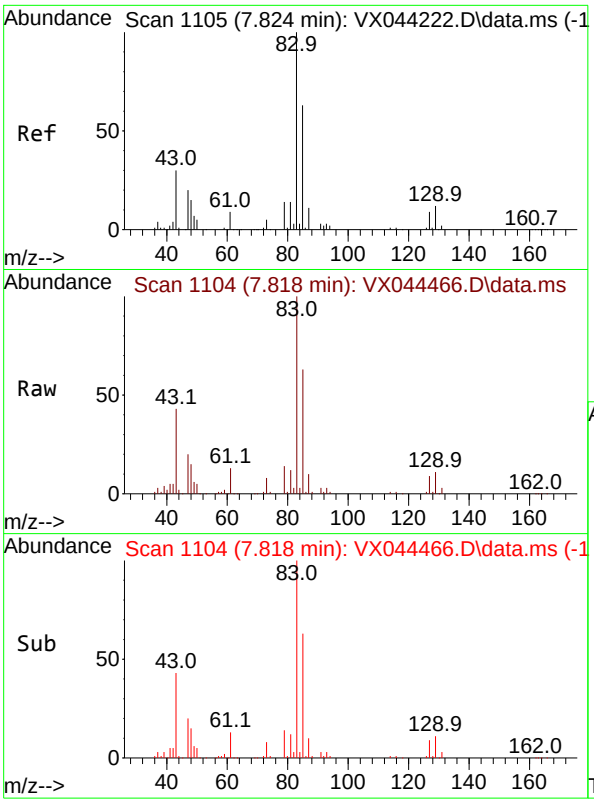


#46
Dibromomethane
Concen: 52.402 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 93 Resp: 43787

Ion	Ratio	Lower	Upper
93	100		
95	80.6	65.4	98.2
174	91.3	67.9	101.9



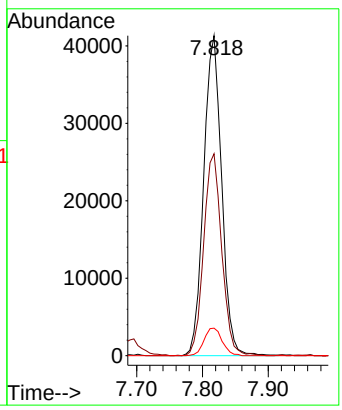


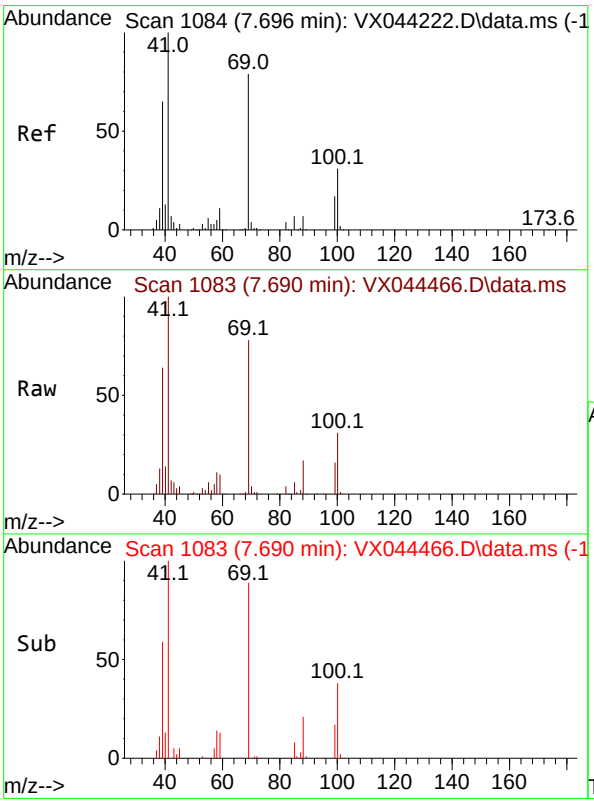
#47
Bromodichloromethane
Concen: 54.300 ug/l
RT: 7.818 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 78361

Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.6	75.8
127	8.6	7.3	10.9

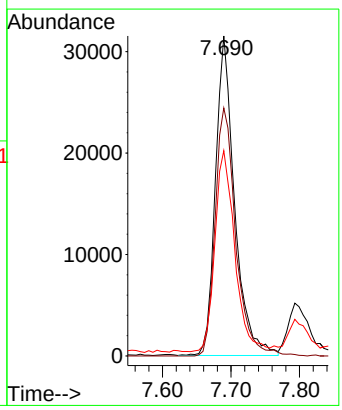


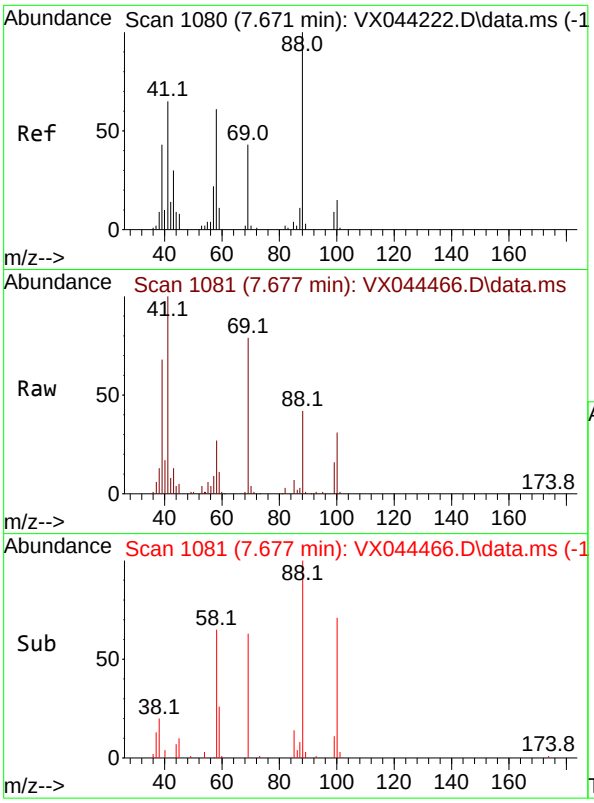


#48
Methyl methacrylate
Concen: 46.898 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 41 Resp: 61073

Ion	Ratio	Lower	Upper
41	100		
69	83.9	62.4	93.6
39	65.2	53.3	79.9



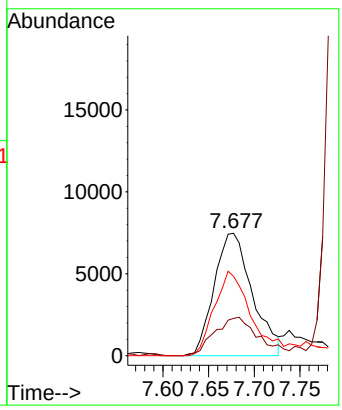


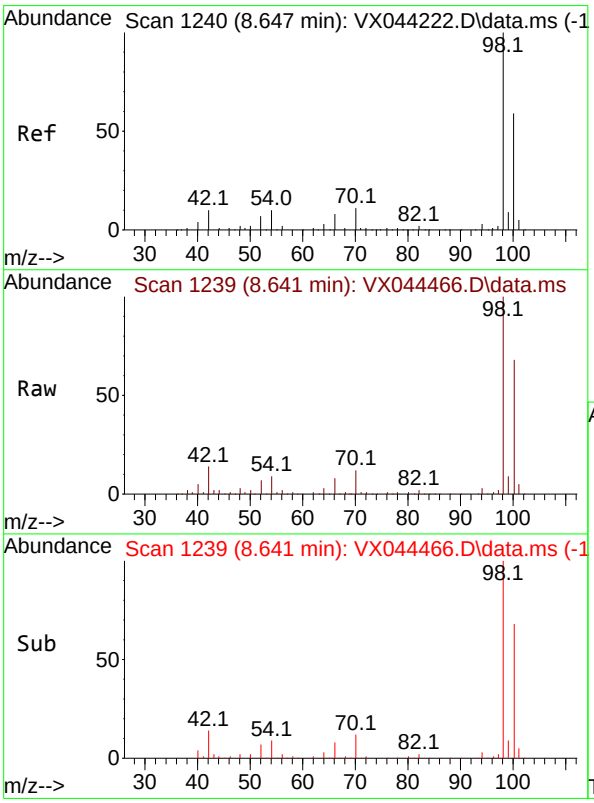
#49
1,4-Dioxane
Concen: 1005.738 ug/l
RT: 7.677 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 21715

Ion	Ratio	Lower	Upper
88	100		
43	36.1	27.1	40.7
58	68.3	41.0	61.4#

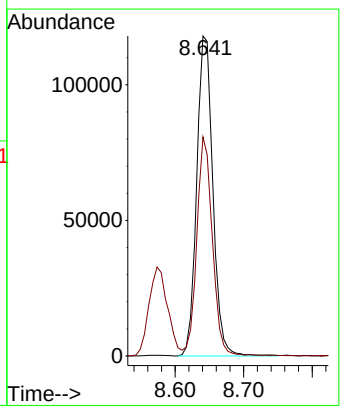


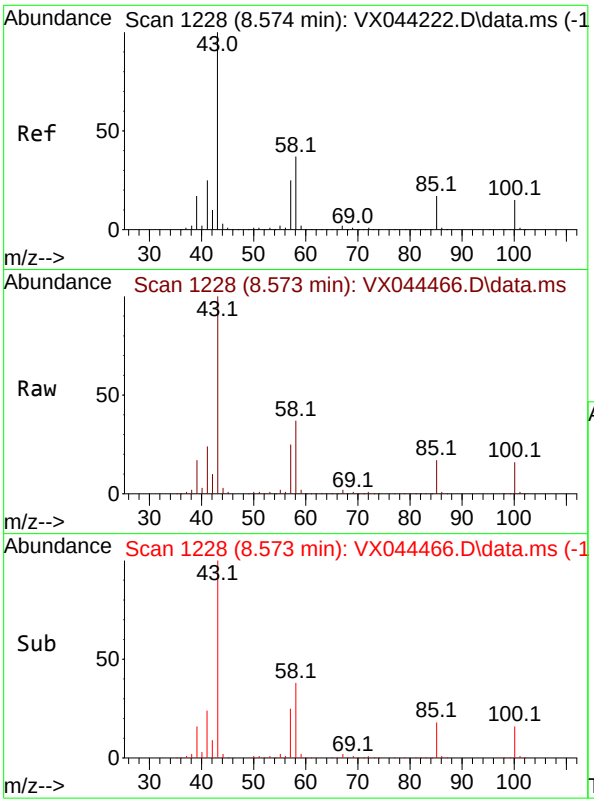


#50
Toluene-d8
Concen: 53.468 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 98 Resp: 193768

Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.5	77.3



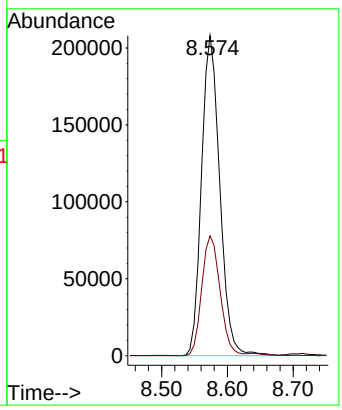


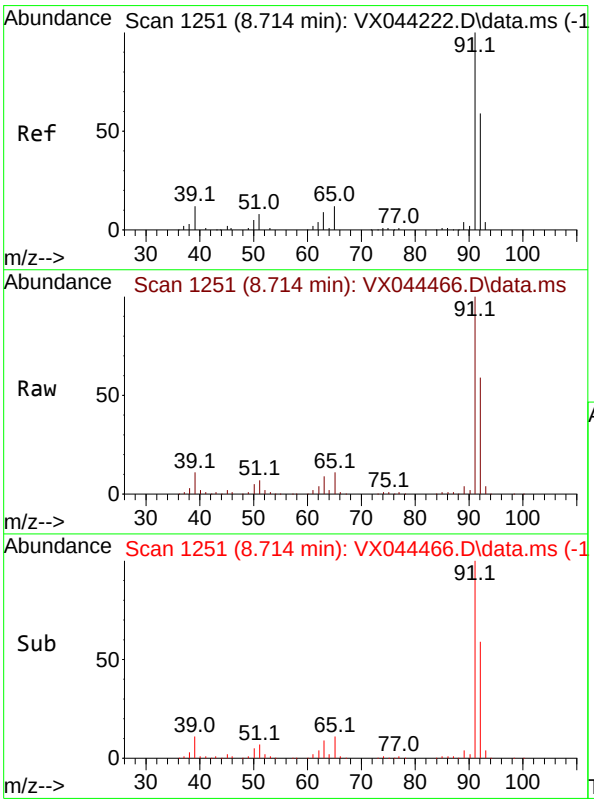
#51
4-Methyl-2-Pentanone
Concen: 233.216 ug/l
RT: 8.573 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 402283

Ion	Ratio	Lower	Upper
43	100		
58	37.5	29.4	44.0

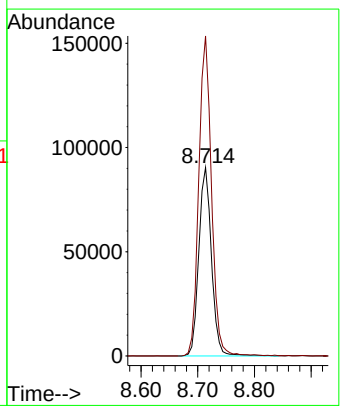


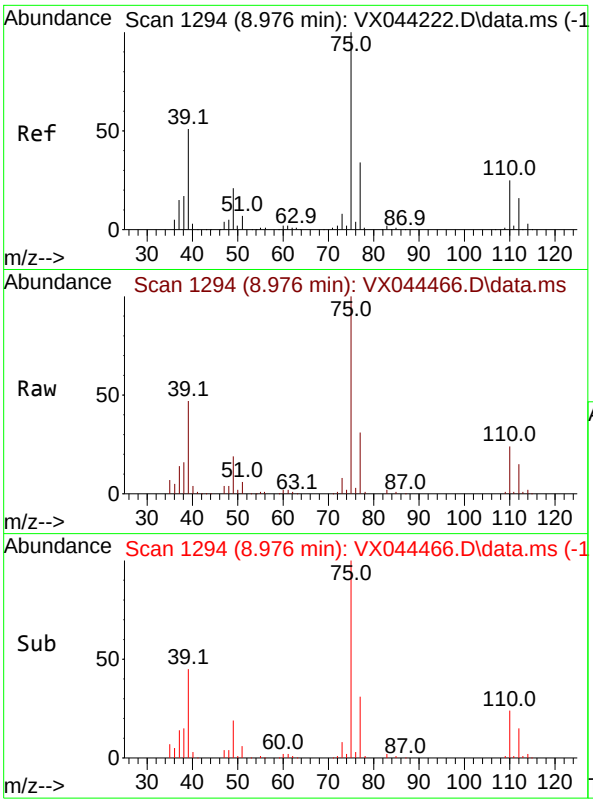


#52
Toluene
Concen: 52.949 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 92 Resp: 140179

Ion	Ratio	Lower	Upper
92	100		
91	170.0	137.0	205.6



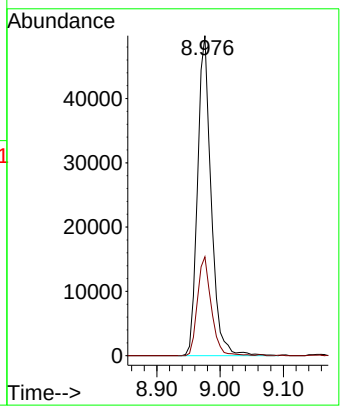


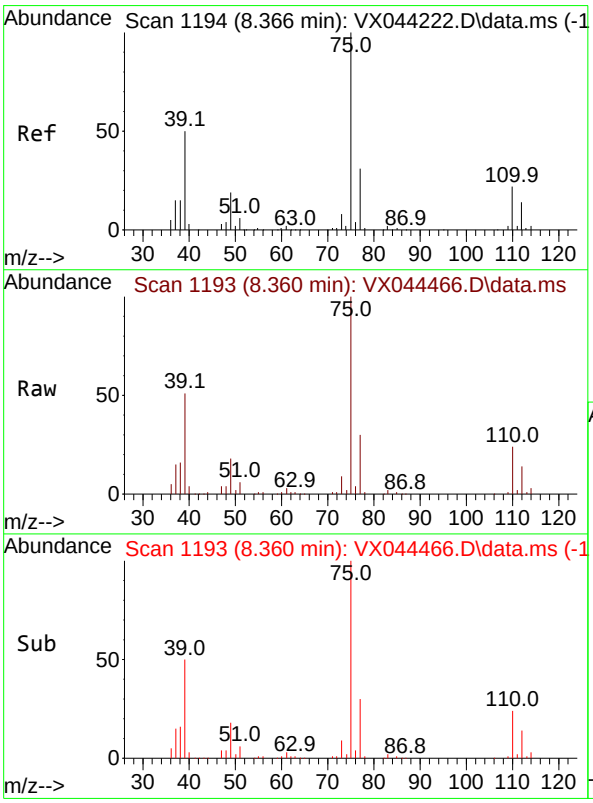
#53
t-1,3-Dichloropropene
Concen: 48.256 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 74563

Ion	Ratio	Lower	Upper
75	100		
77	30.9	27.2	40.8

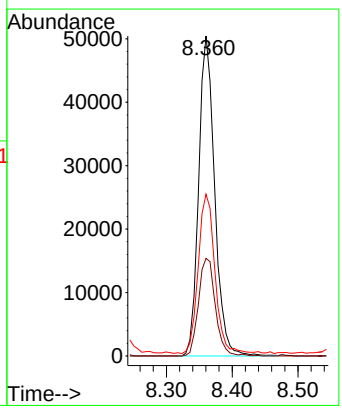


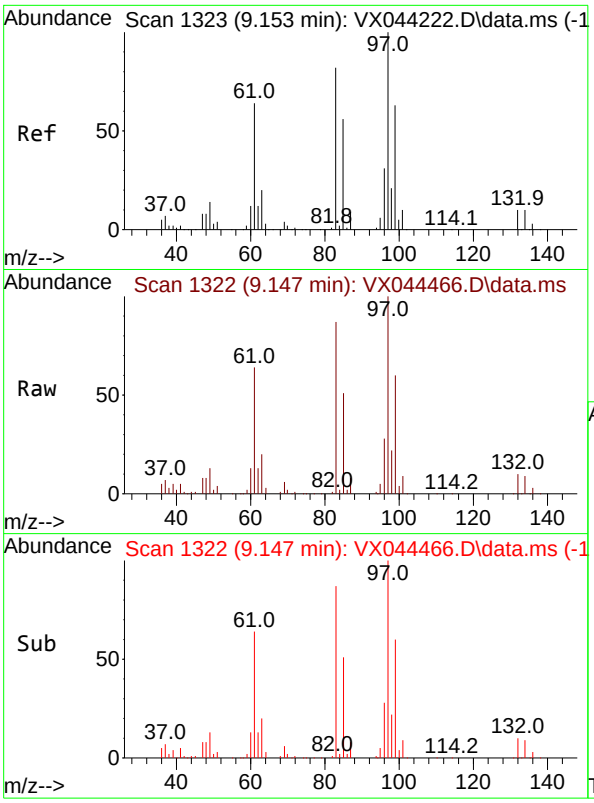


#54
cis-1,3-Dichloropropene
Concen: 54.358 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 75 Resp: 85414

Ion	Ratio	Lower	Upper
75	100		
77	30.5	24.7	37.1
39	49.6	40.3	60.5



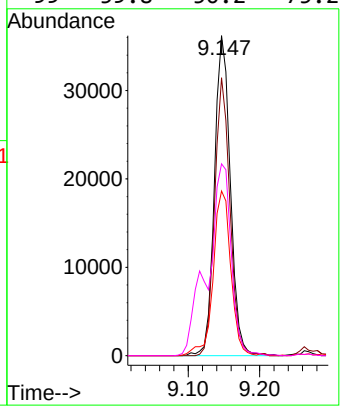


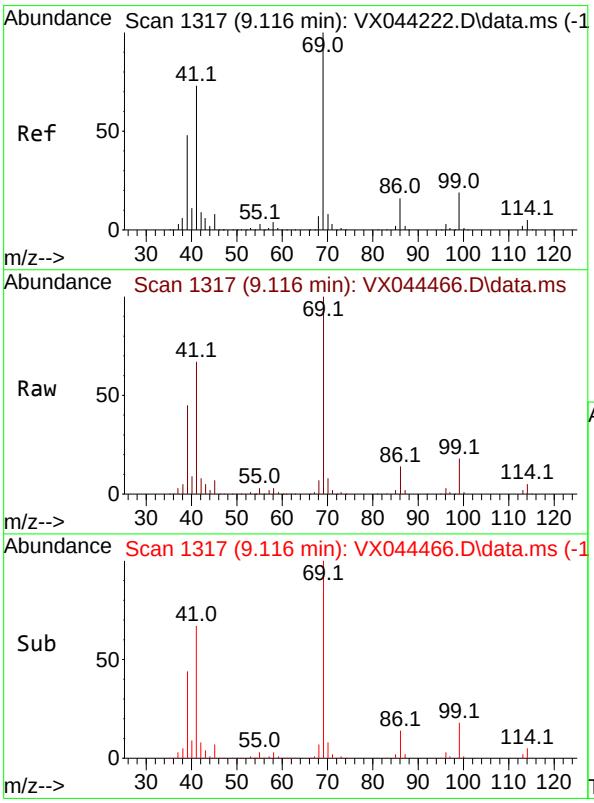
#55
1,1,2-Trichloroethane
Concen: 53.264 ug/l
RT: 9.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 56021

Ion	Ratio	Lower	Upper
97	100		
83	86.8	65.3	97.9
85	51.4	44.6	67.0
99	59.8	50.2	75.2

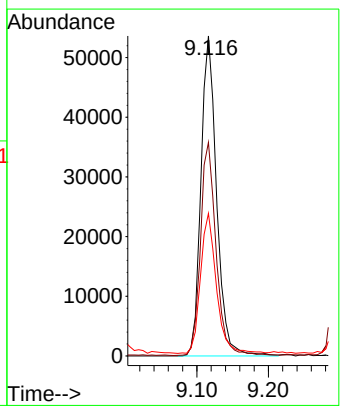


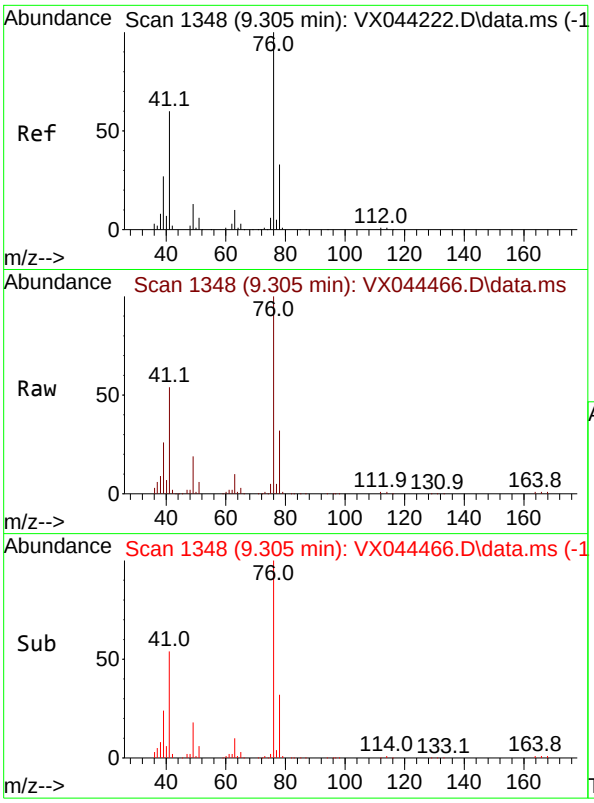


#56
Ethyl methacrylate
Concen: 49.194 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 69 Resp: 81680

Ion	Ratio	Lower	Upper
69	100		
41	66.3	56.6	85.0
39	44.3	37.4	56.0



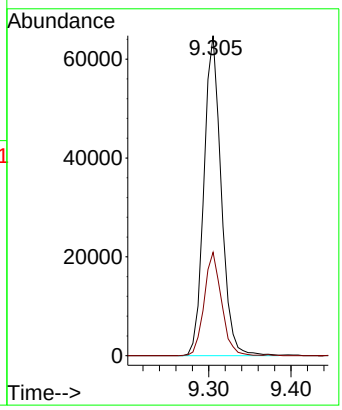


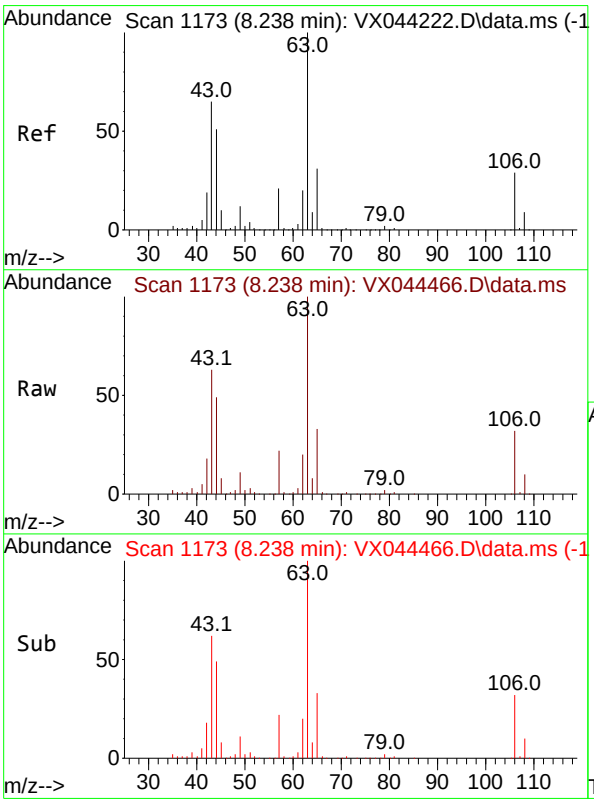
#57
1,3-Dichloropropane
Concen: 51.667 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 94586

Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.5	39.7

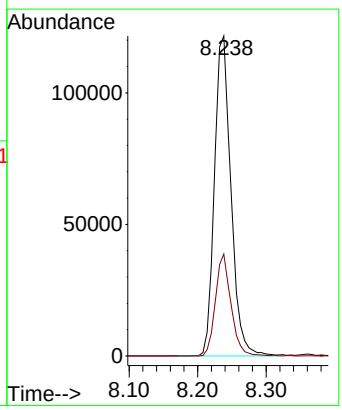


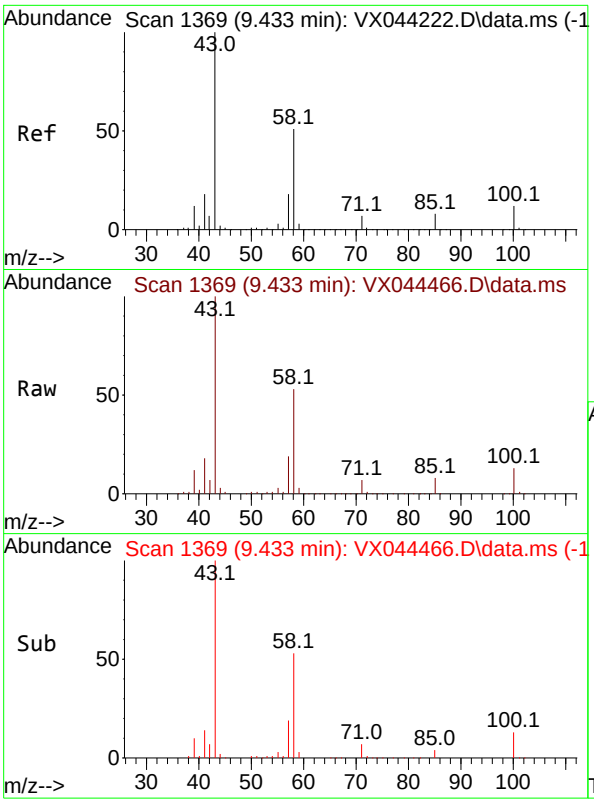


#58
2-Chloroethyl Vinyl ether
Concen: 242.753 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 63 Resp: 203293

Ion	Ratio	Lower	Upper
63	100		
106	30.0	22.8	34.2



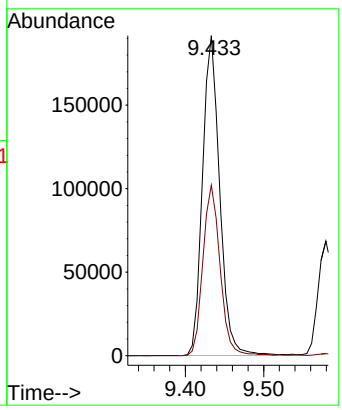


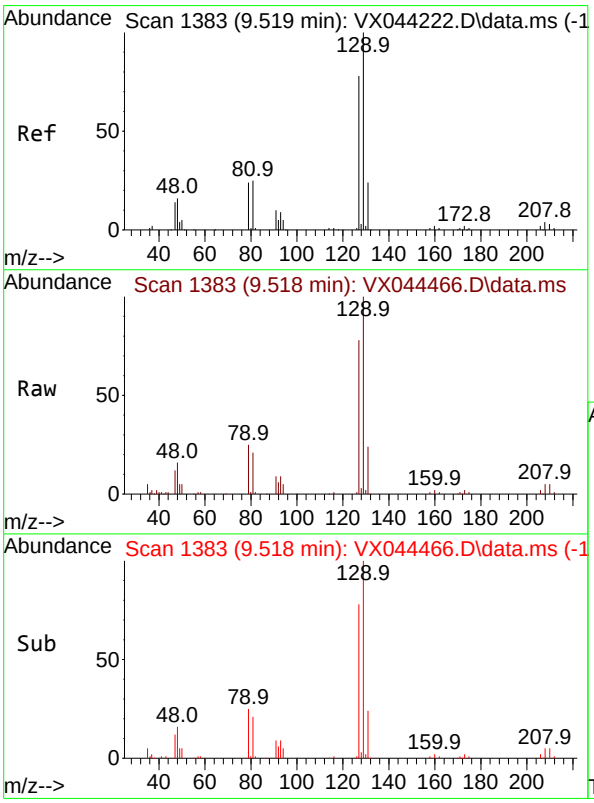
#59
2-Hexanone
Concen: 233.464 ug/l
RT: 9.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 291491

Ion	Ratio	Lower	Upper
43	100		
58	53.5	25.7	77.0

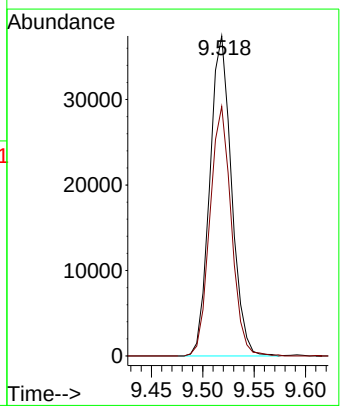


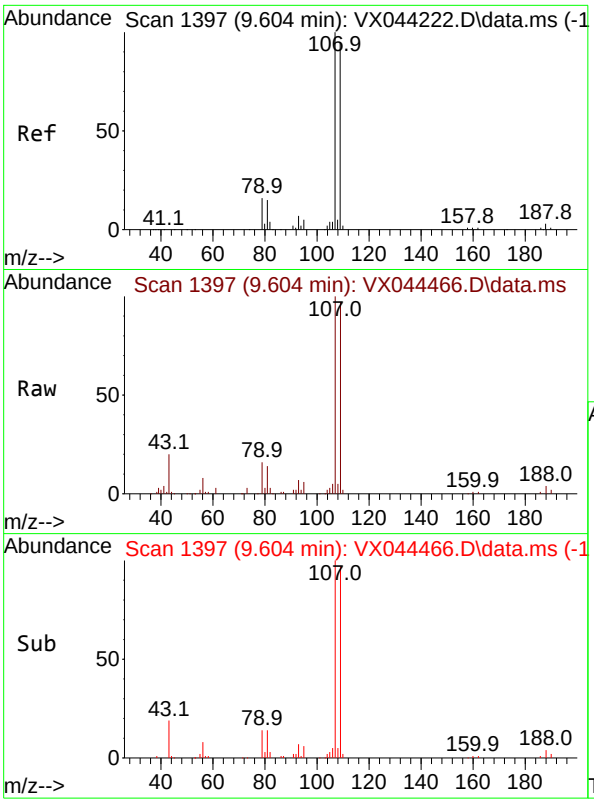


#60
Dibromochloromethane
Concen: 49.335 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:129 Resp: 54898

Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.5	115.3



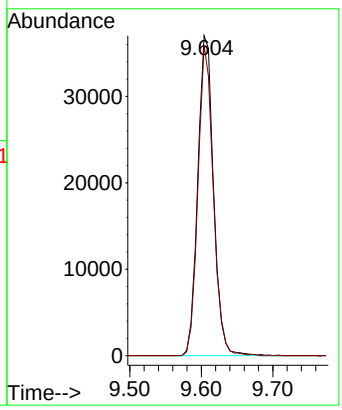


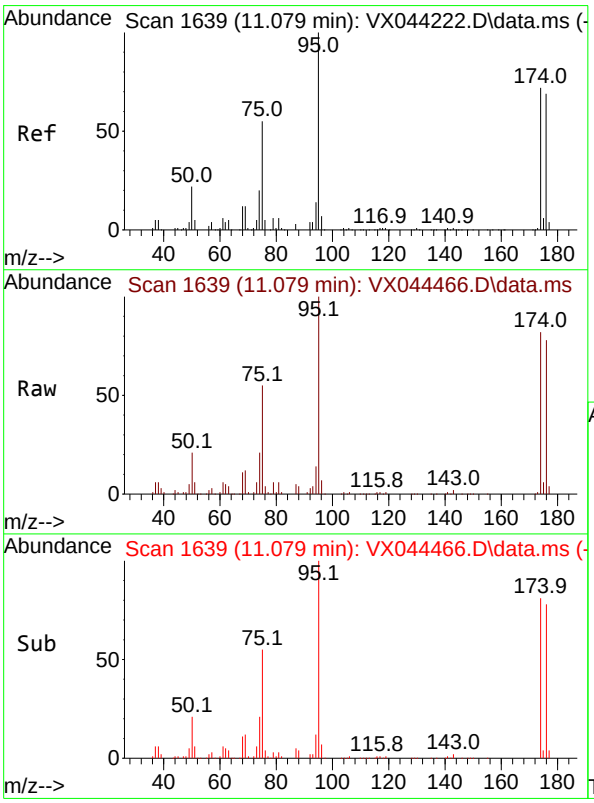
#61
1,2-Dibromoethane
Concen: 52.895 ug/l
RT: 9.604 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 56628

Ion	Ratio	Lower	Upper
107	100		
109	94.4	77.0	115.4

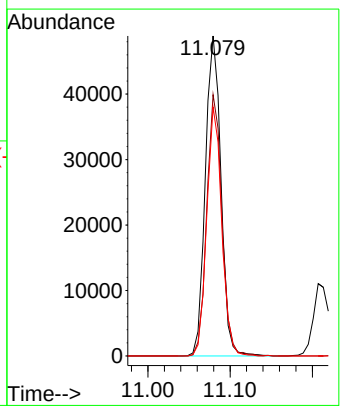


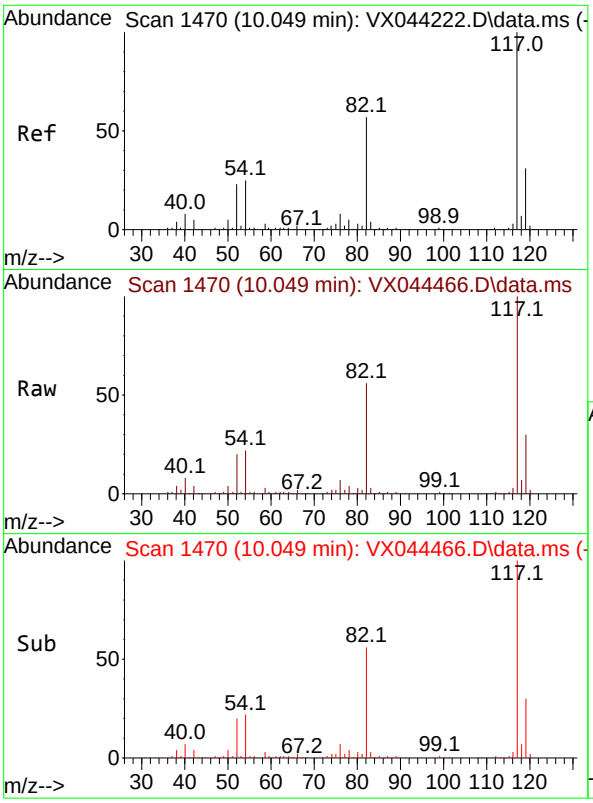


#62
4-Bromofluorobenzene
Concen: 50.827 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 95 Resp: 64363

Ion	Ratio	Lower	Upper
95	100		
174	79.7	0.0	145.8
176	74.8	0.0	137.8



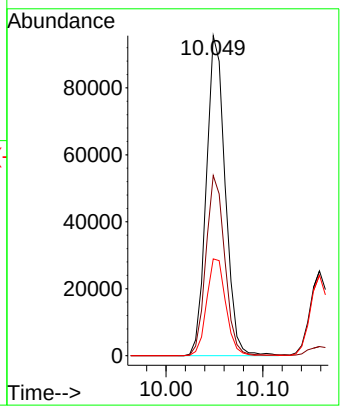


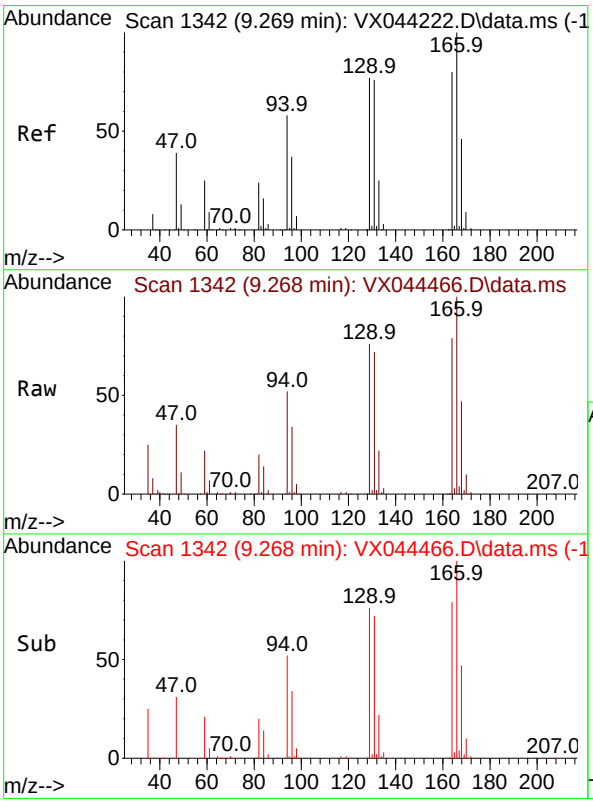
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 129773

Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.8	68.8
119	30.2	25.0	37.4

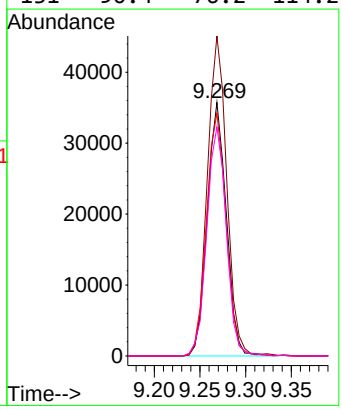


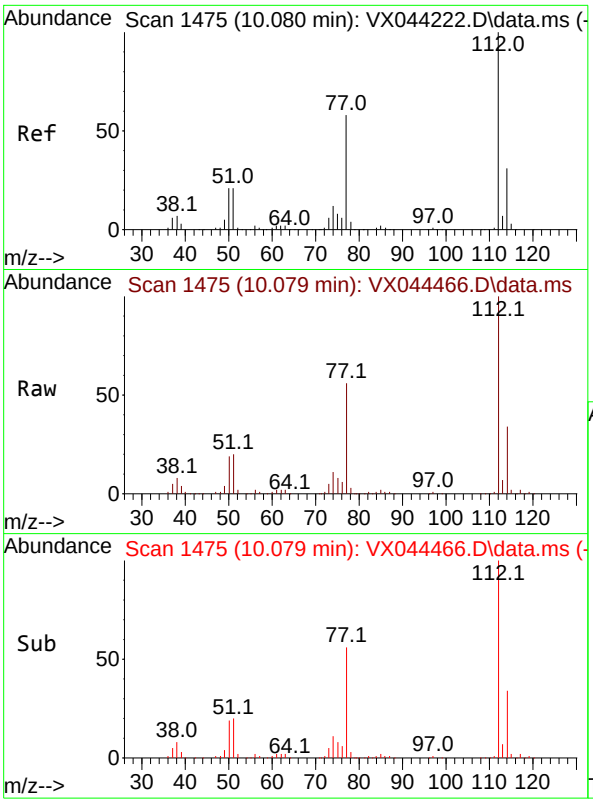


#64
Tetrachloroethene
Concen: 60.182 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:164 Resp: 51836

Ion	Ratio	Lower	Upper
164	100		
166	126.3	100.4	150.6
129	95.7	77.2	115.8
131	90.4	76.2	114.2



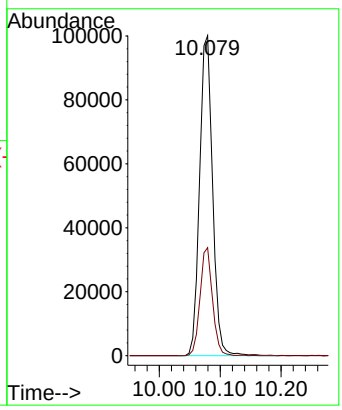


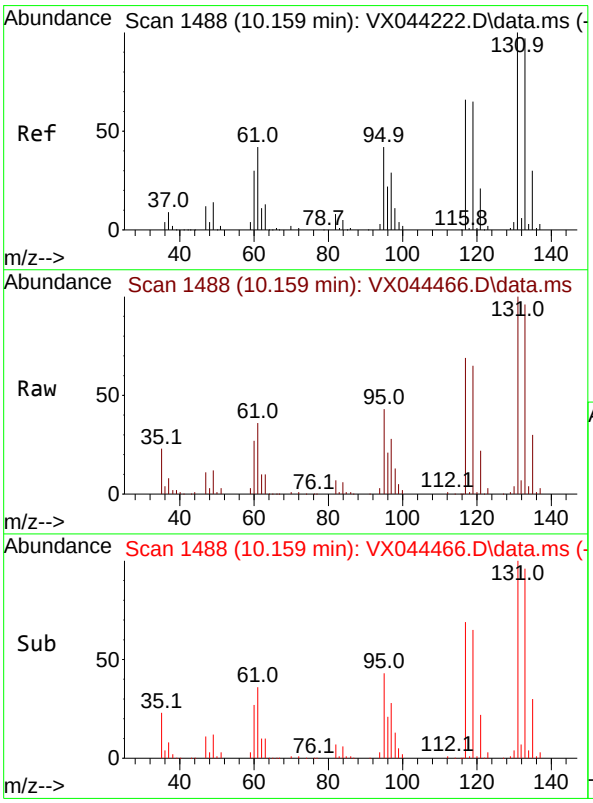
#65
Chlorobenzene
Concen: 53.435 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 148588

Ion	Ratio	Lower	Upper
112	100		
114	33.7	25.0	37.6

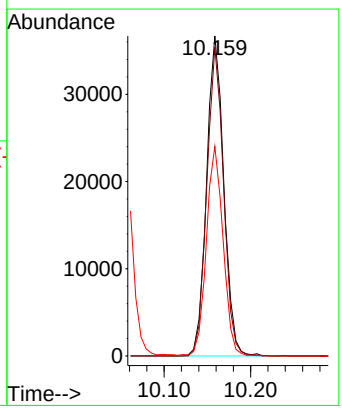


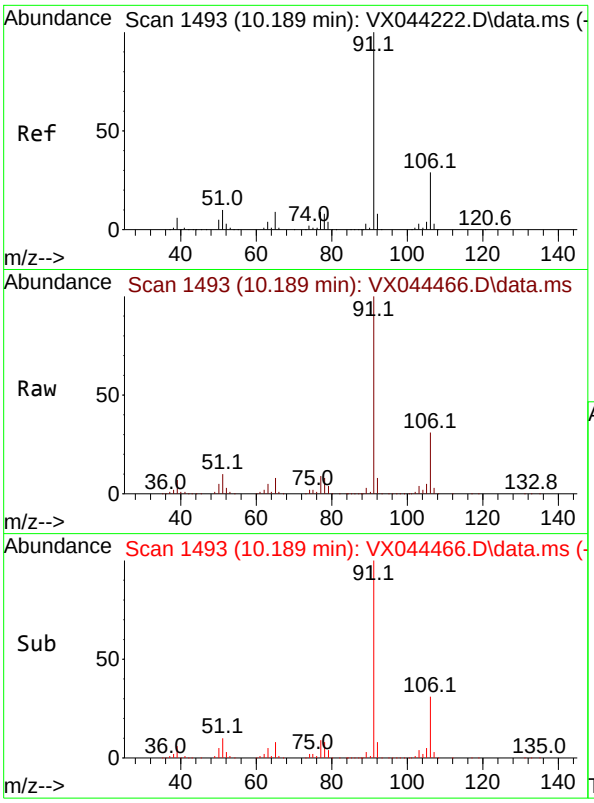


#66
1,1,1,2-Tetrachloroethane
Concen: 56.575 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:131 Resp: 50561

Ion	Ratio	Lower	Upper
131	100		
133	94.2	47.3	141.8
119	63.8	31.6	95.0



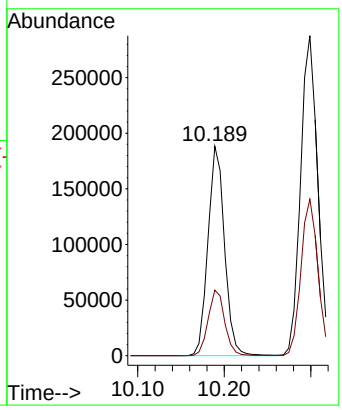


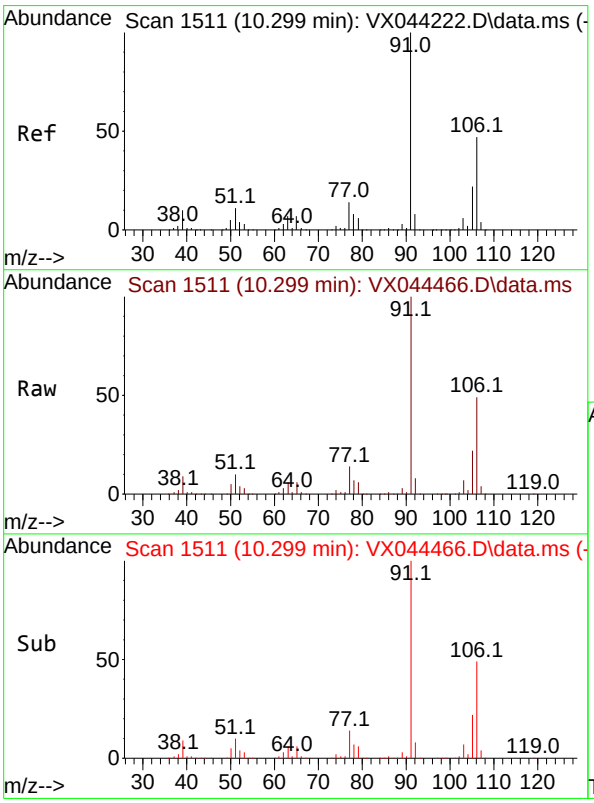
#67
Ethyl Benzene
Concen: 52.159 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 250606

Ion	Ratio	Lower	Upper
91	100		
106	31.3	23.5	35.3

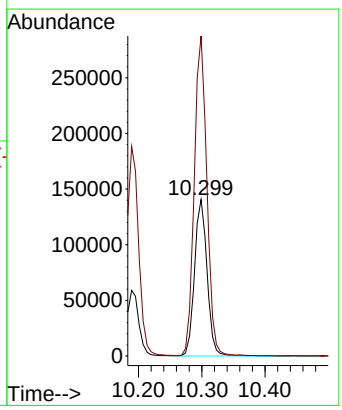


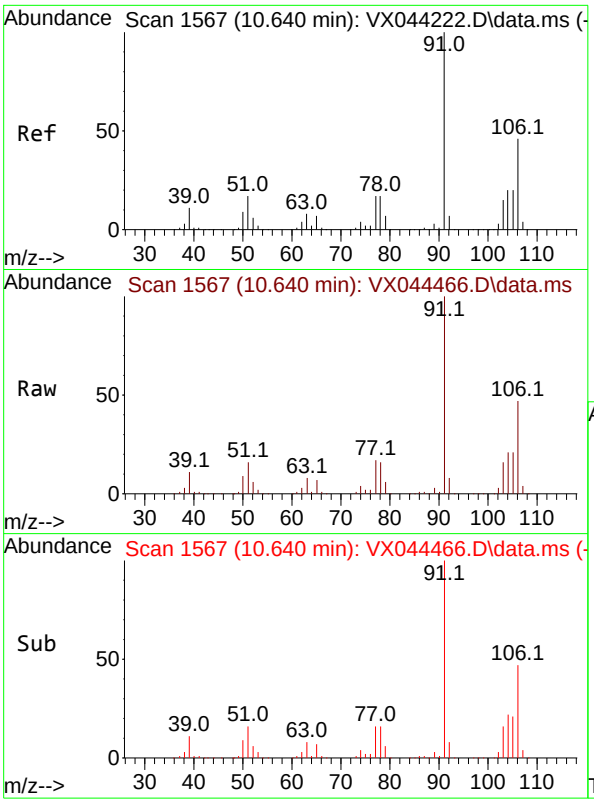


#68
m/p-Xylenes
Concen: 110.024 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:106 Resp: 193976

Ion	Ratio	Lower	Upper
106	100		
91	206.1	170.2	255.2



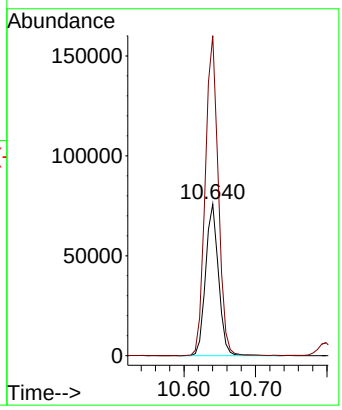


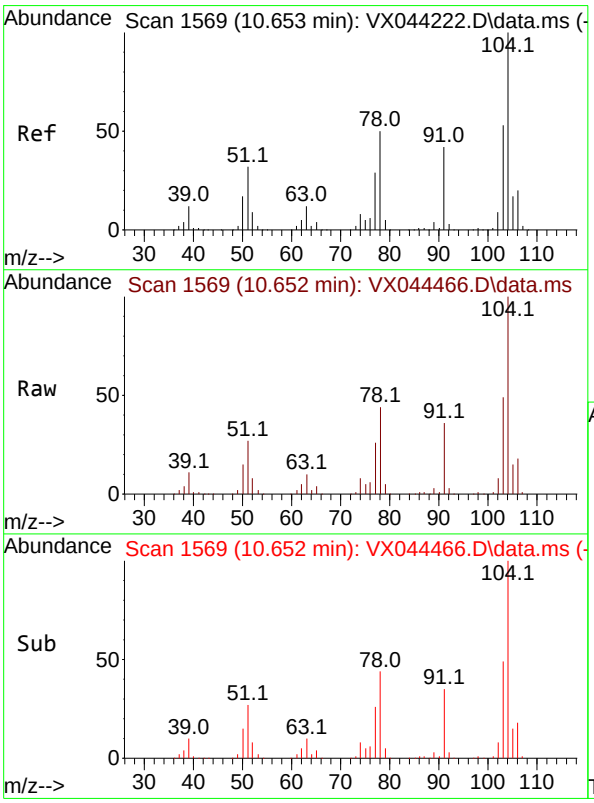
#69
o-Xylene
Concen: 53.232 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 94957

Ion	Ratio	Lower	Upper
106	100		
91	213.5	112.3	337.0

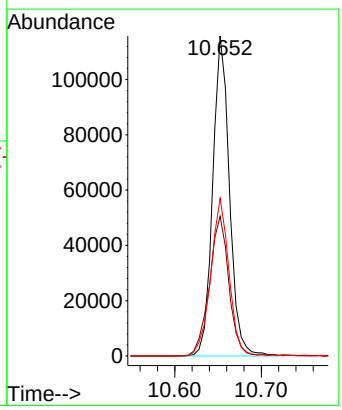


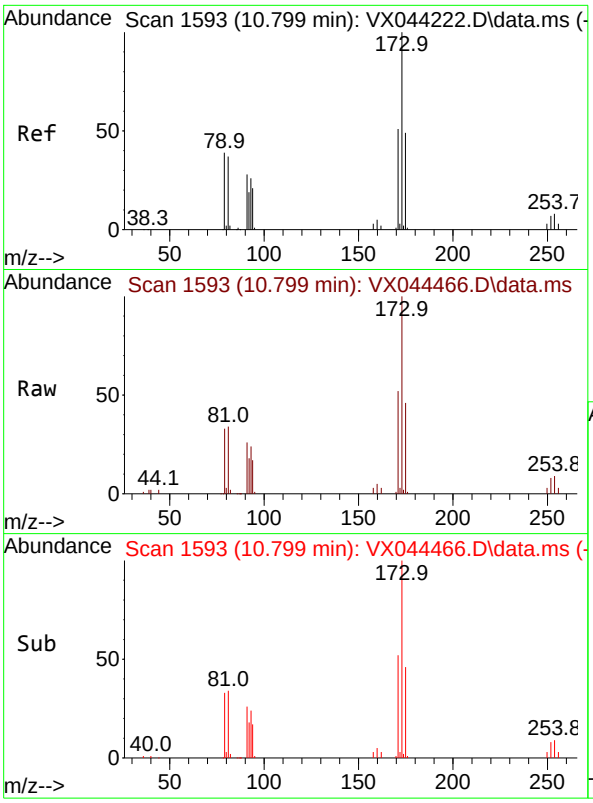


#70
Styrene
Concen: 54.396 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:104 Resp: 155555

Ion	Ratio	Lower	Upper
104	100		
78	50.6	44.6	67.0
103	54.0	45.4	68.0



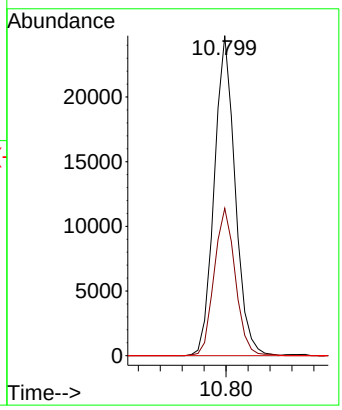


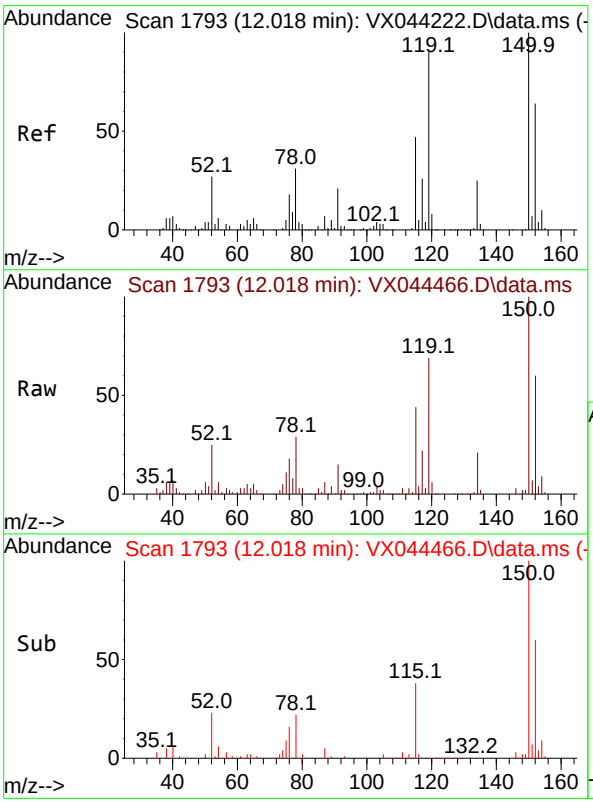
#71
Bromoform
Concen: 52.112 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 32723

Ion	Ratio	Lower	Upper
173	100		
175	46.8	23.8	71.4
254	0.0	0.0	0.0

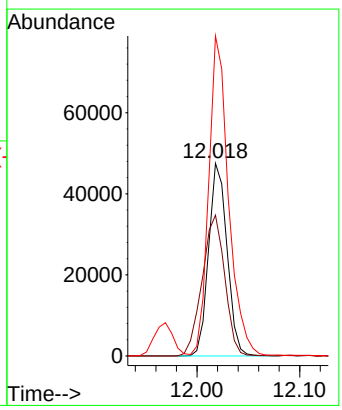


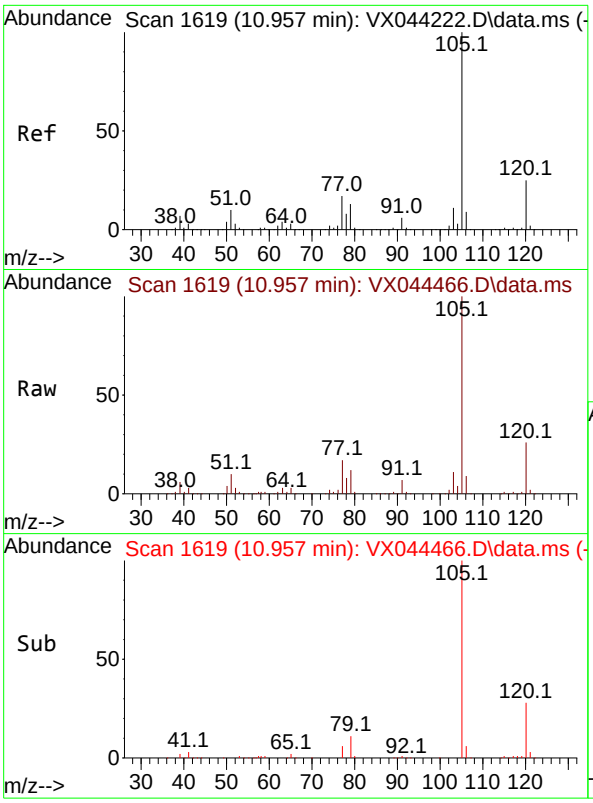


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:152 Resp: 59280

Ion	Ratio	Lower	Upper
152	100		
115	89.6	44.5	133.3
150	179.1	0.0	353.8



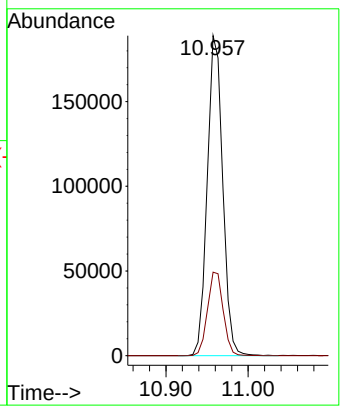


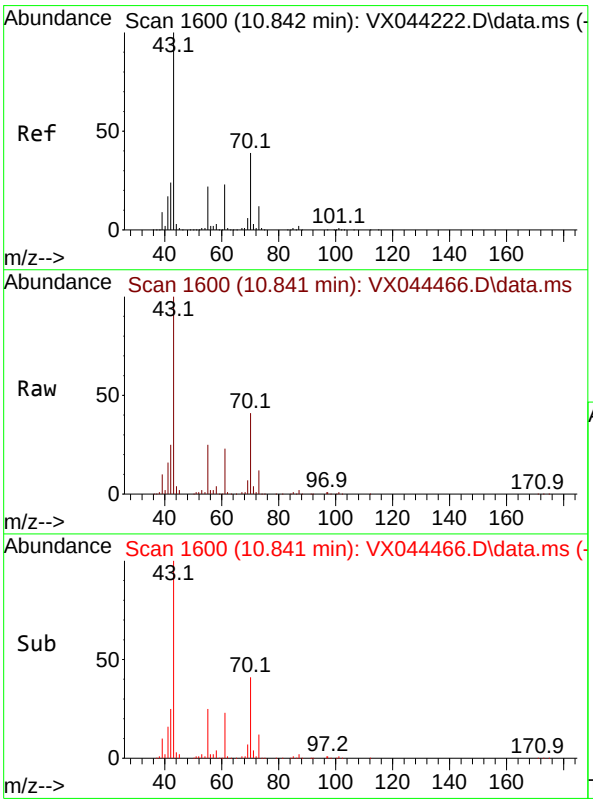
#73
Isopropylbenzene
Concen: 54.392 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 246838

Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.1	39.3

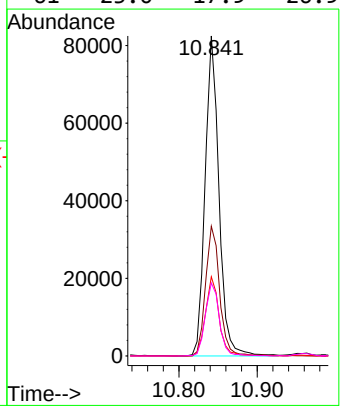


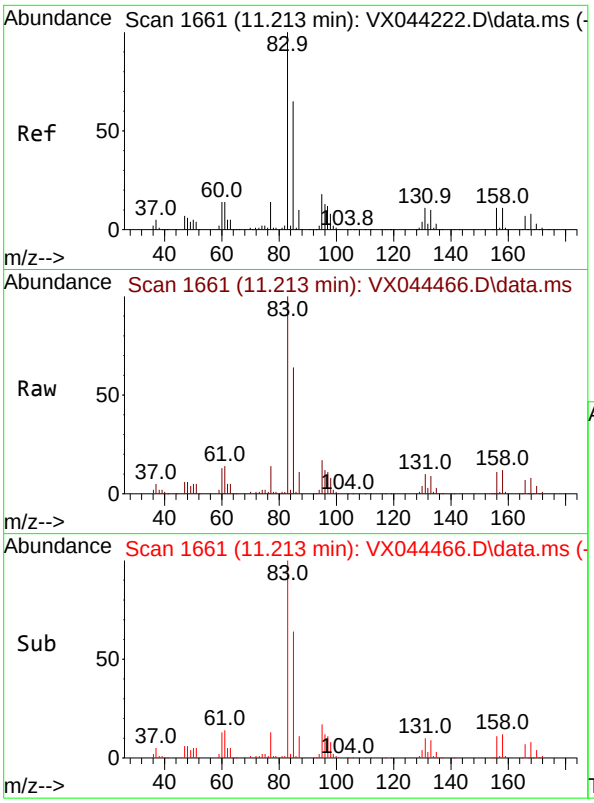


#74
N-amyl acetate
Concen: 48.214 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 43 Resp: 101119

Ion	Ratio	Lower	Upper
43	100		
70	41.3	31.9	47.9
55	24.4	17.9	26.9
61	23.0	17.9	26.9



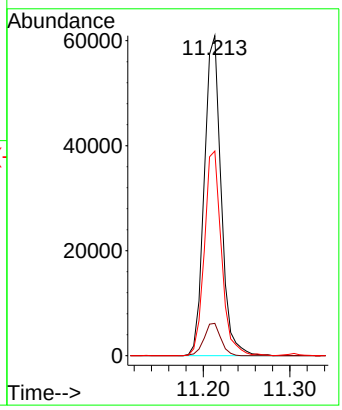


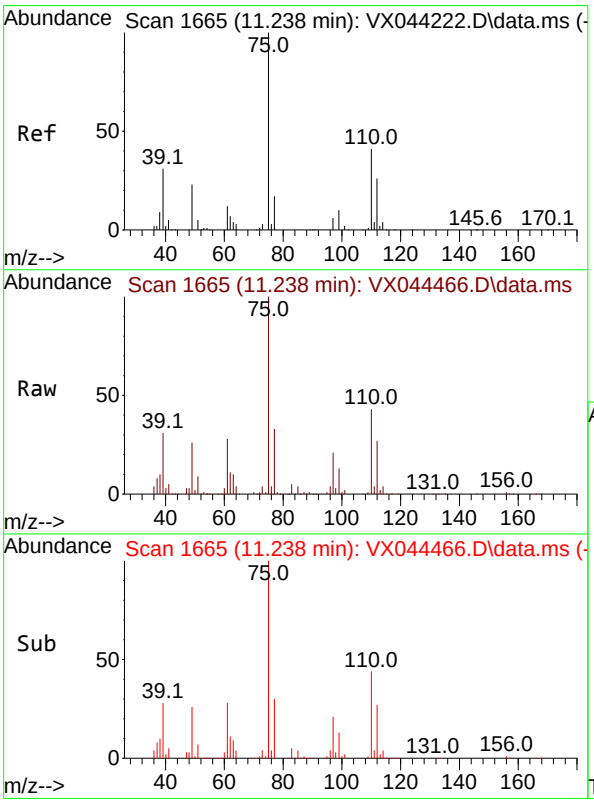
#75
1,1,2,2-Tetrachloroethane
Concen: 52.066 ug/l
RT: 11.213 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 82068

Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.1	15.4
85	64.9	32.5	97.4

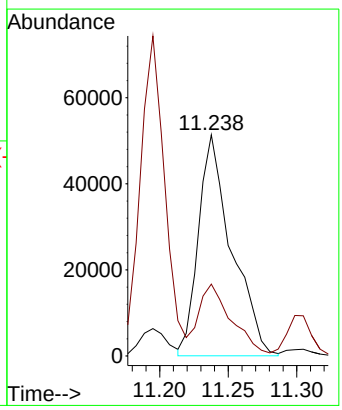


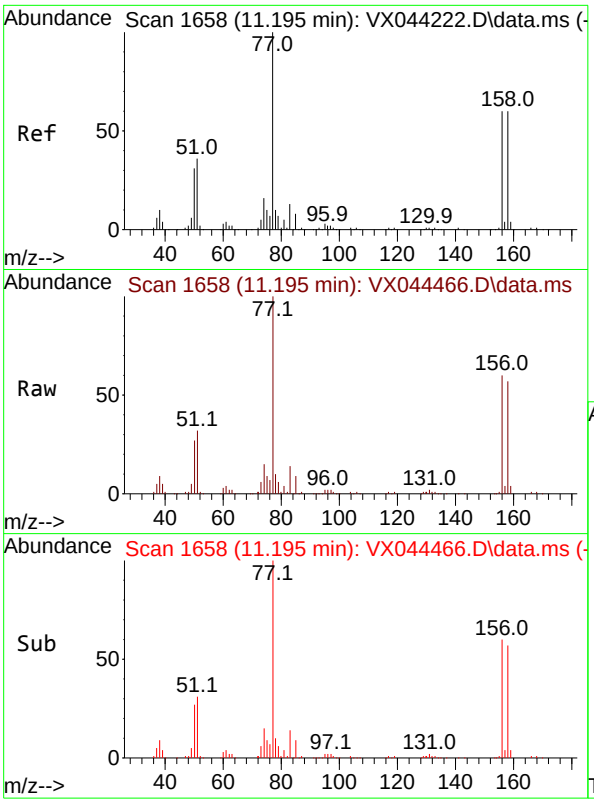


#76
1,2,3-Trichloropropane
Concen: 65.540 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 75 Resp: 86748

Ion	Ratio	Lower	Upper
75	100		
77	32.2	20.9	62.7



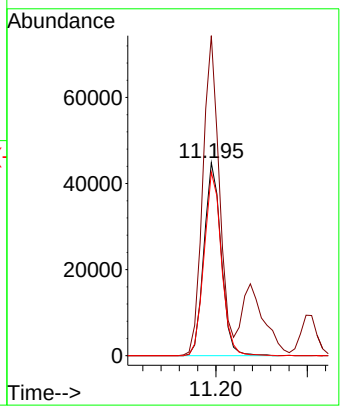


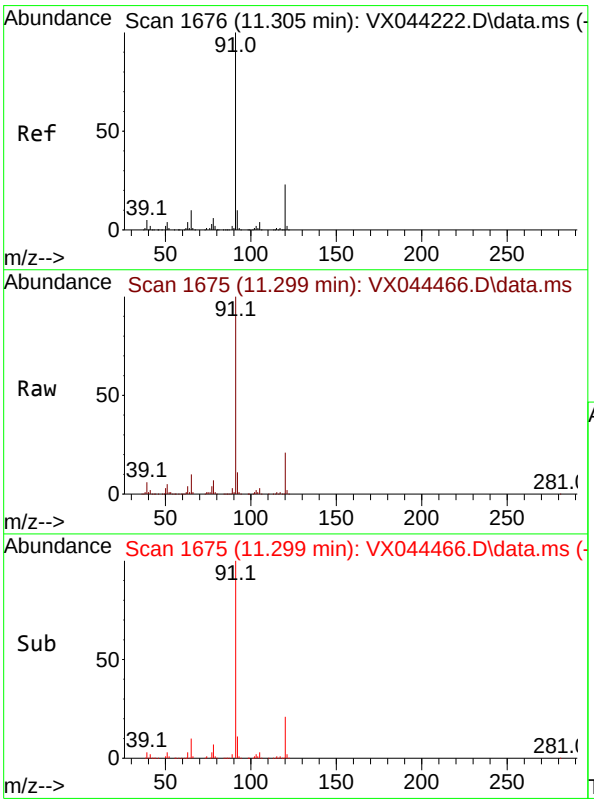
#77
Bromobenzene
Concen: 52.949 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 58269

Ion	Ratio	Lower	Upper
156	100		
77	160.3	82.6	247.8
158	96.4	48.8	146.4

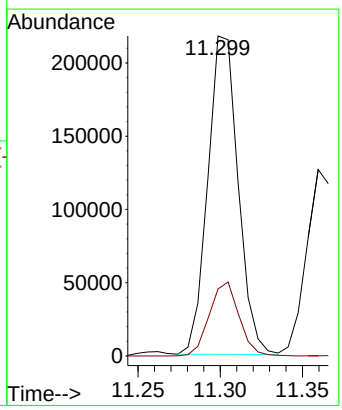


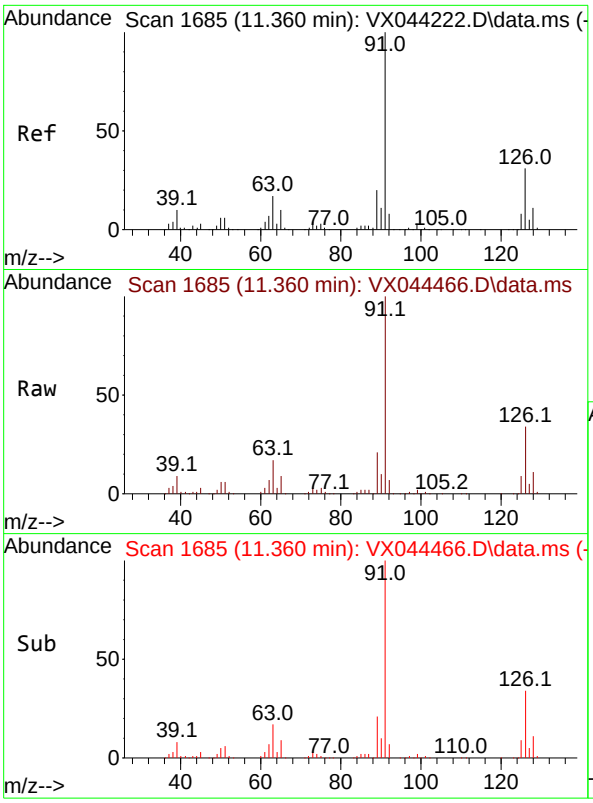


#78
n-propylbenzene
Concen: 55.610 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 91 Resp: 278932

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.0	33.0



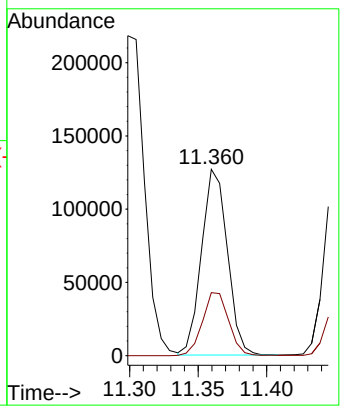


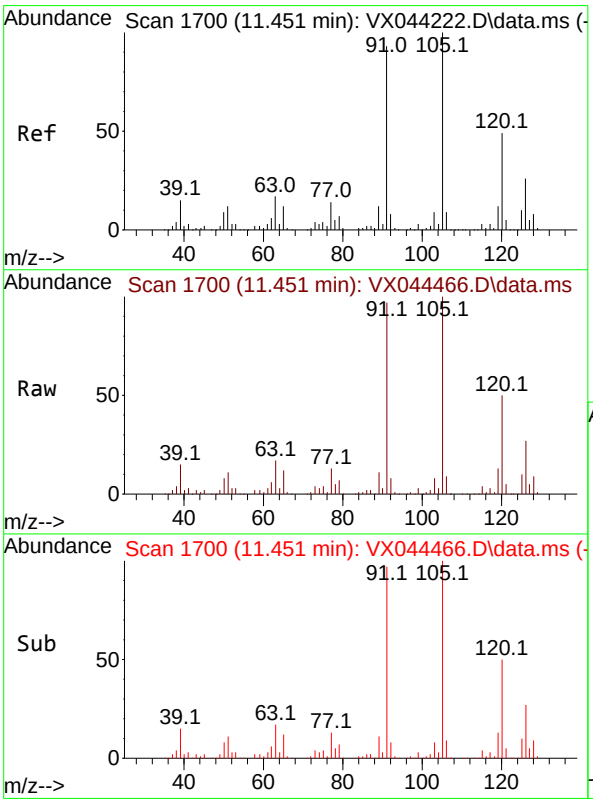
#79
2-Chlorotoluene
Concen: 51.245 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 166232

Ion	Ratio	Lower	Upper
91	100		
126	34.7	16.4	49.1

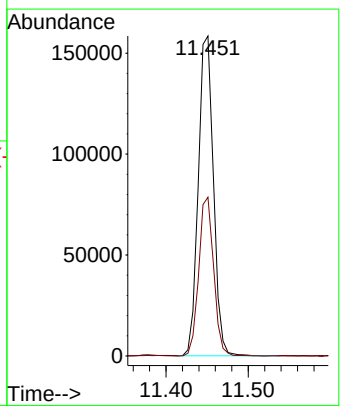


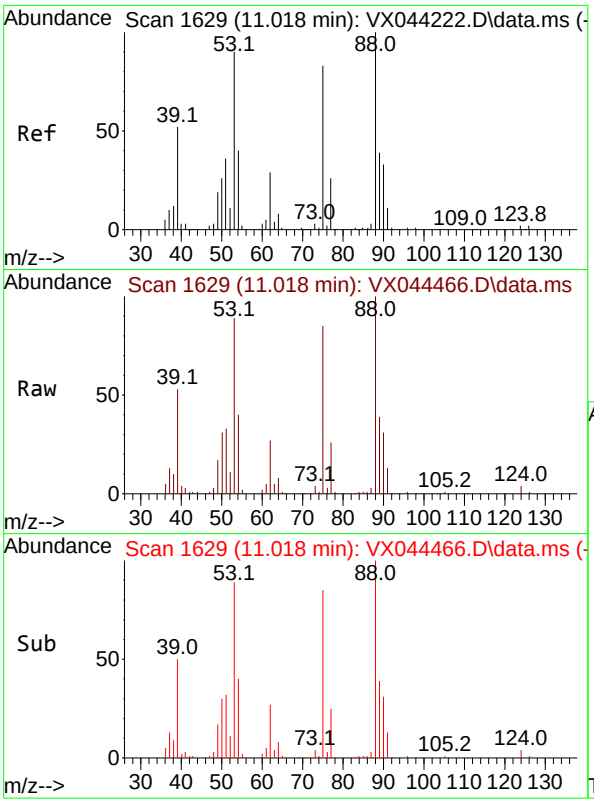


#80
1,3,5-Trimethylbenzene
Concen: 53.807 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:105 Resp: 202499

Ion	Ratio	Lower	Upper
105	100		
120	49.0	23.8	71.4



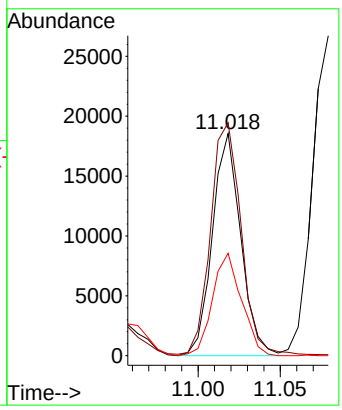


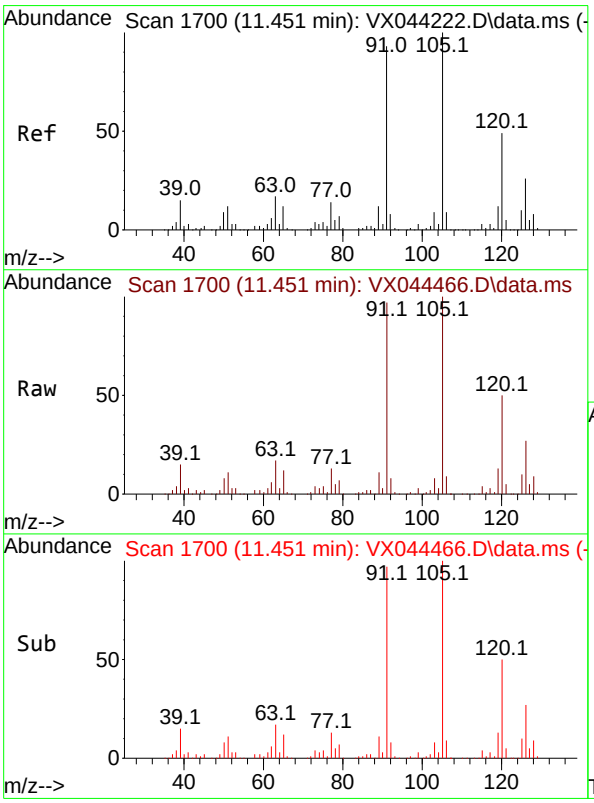
#81
trans-1,4-Dichloro-2-butene
Concen: 48.538 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 22335

Ion	Ratio	Lower	Upper
75	100		
53	113.5	93.6	140.4
89	47.1	37.3	55.9

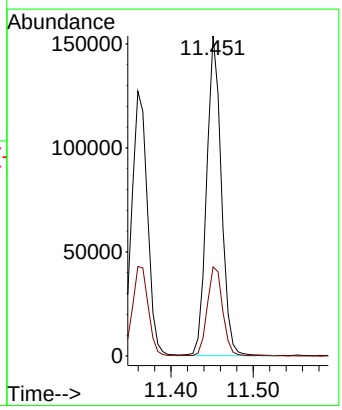


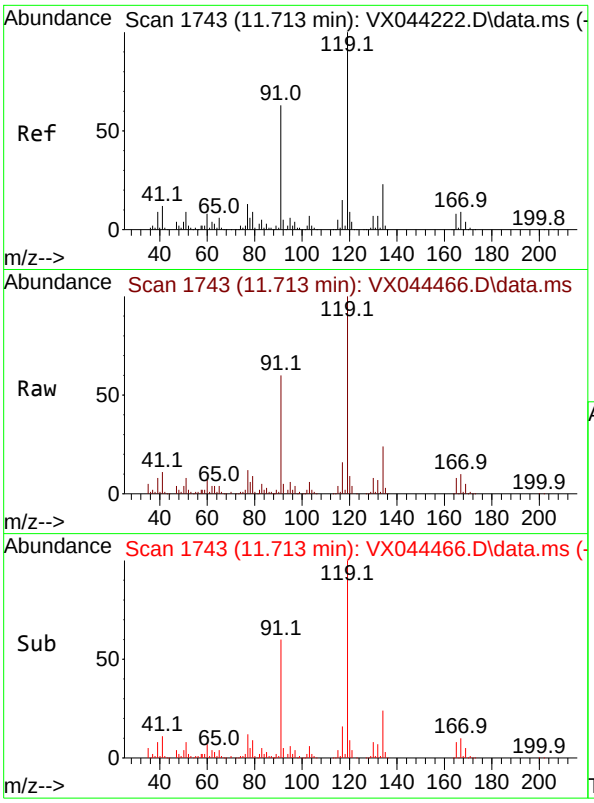


#82
4-Chlorotoluene
Concen: 52.988 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 91 Resp: 190339

Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.5	43.5



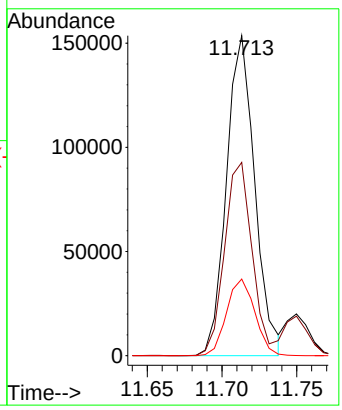


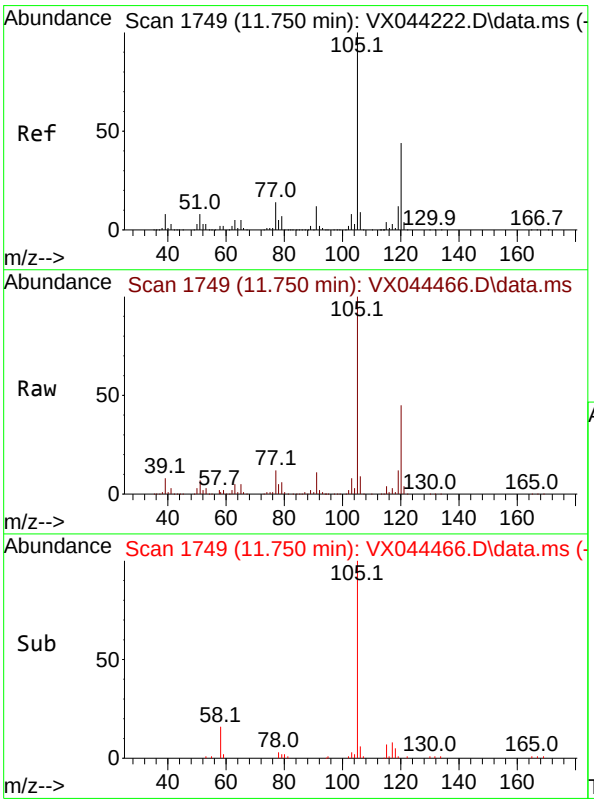
#83
tert-Butylbenzene
Concen: 54.400 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 202328

Ion	Ratio	Lower	Upper
119	100		
91	58.4	30.9	92.5
134	24.0	11.5	34.4

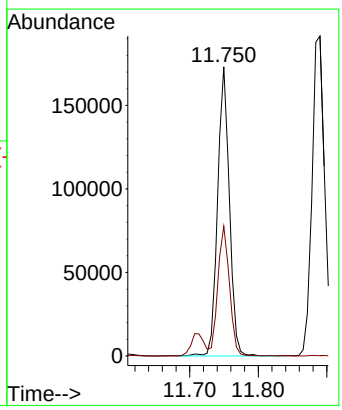


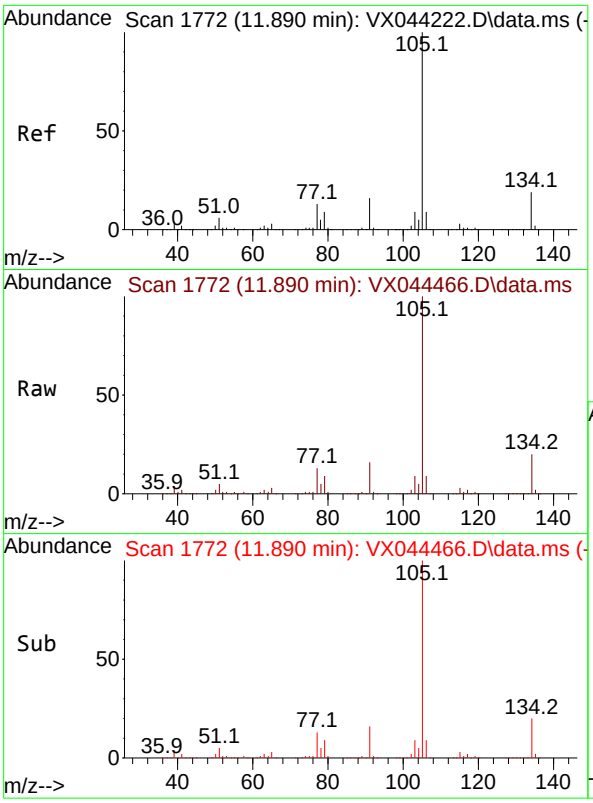


#84
1,2,4-Trimethylbenzene
Concen: 55.839 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:105 Resp: 206380

Ion	Ratio	Lower	Upper
105	100		
120	44.3	21.7	65.1



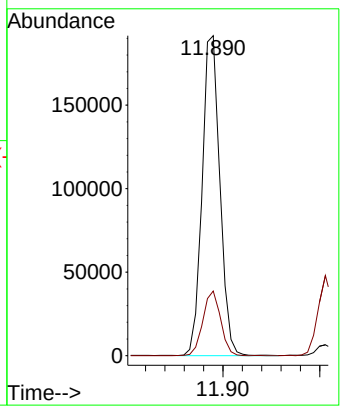


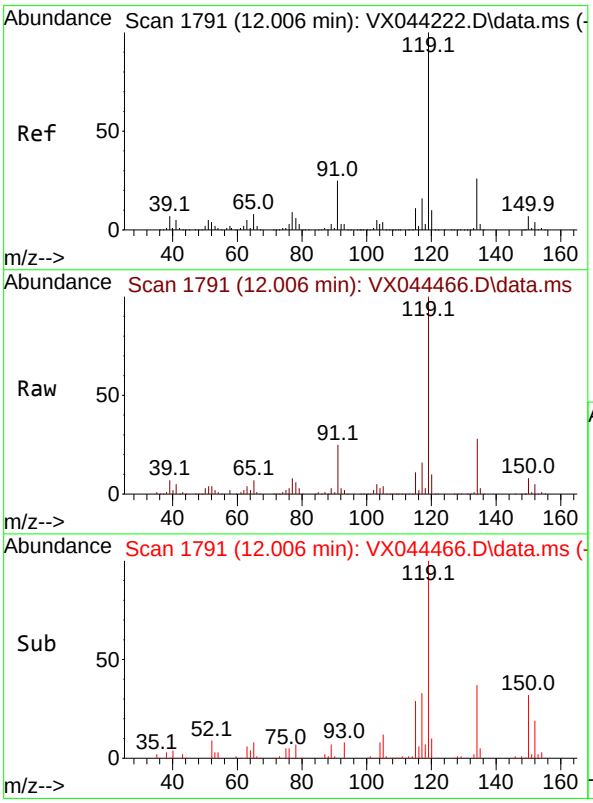
#85
sec-Butylbenzene
Concen: 54.332 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 245317

Ion	Ratio	Lower	Upper
105	100		
134	20.2	9.8	29.4

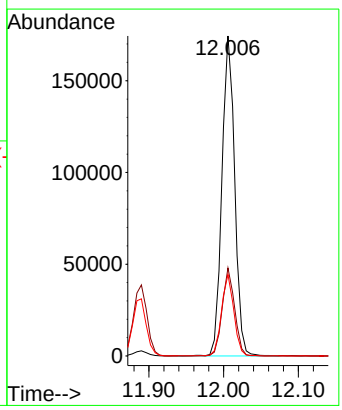


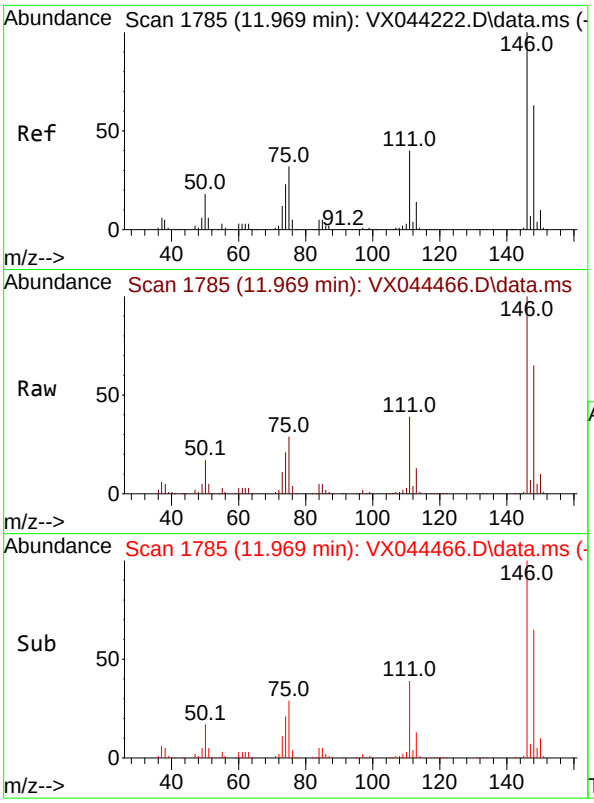


#86
p-Isopropyltoluene
Concen: 55.162 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:119 Resp: 207299

Ion	Ratio	Lower	Upper
119	100		
134	26.7	12.8	38.4
91	24.7	13.0	39.0



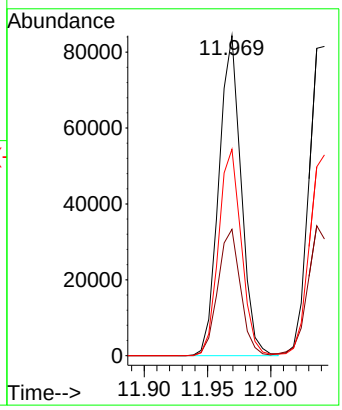


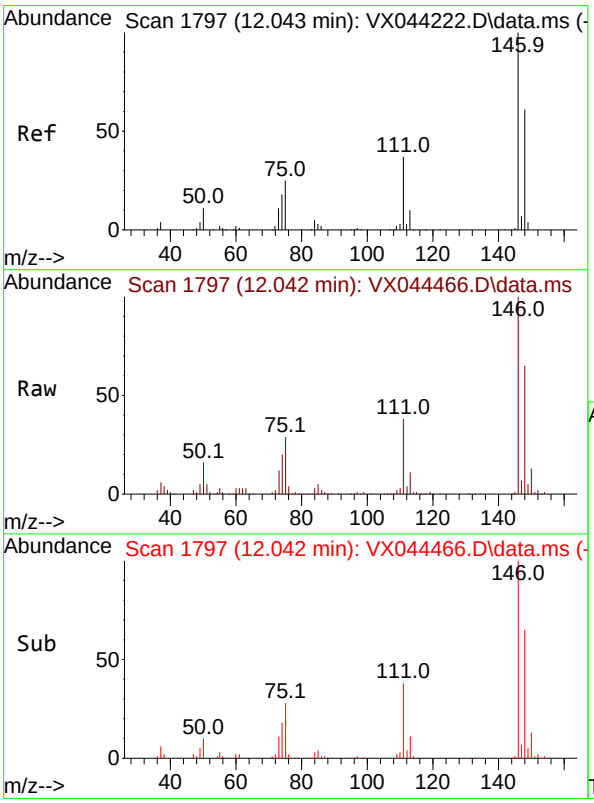
#87
1,3-Dichlorobenzene
Concen: 53.639 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 103109

Ion	Ratio	Lower	Upper
146	100		
111	40.2	21.4	64.2
148	66.0	31.7	95.1

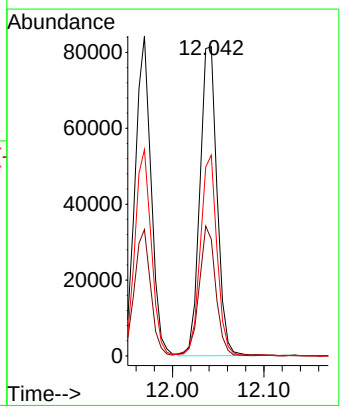


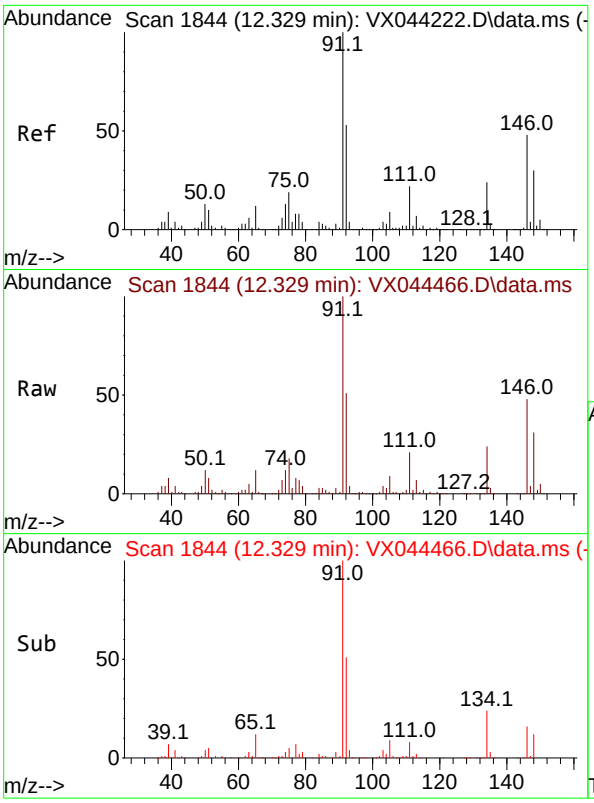


#88
1,4-Dichlorobenzene
Concen: 53.777 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:146 Resp: 106265

Ion	Ratio	Lower	Upper
146	100		
111	40.6	21.0	63.0
148	62.8	32.3	96.8



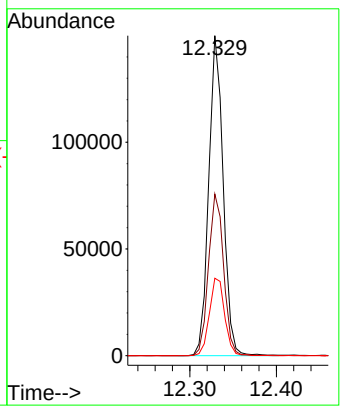


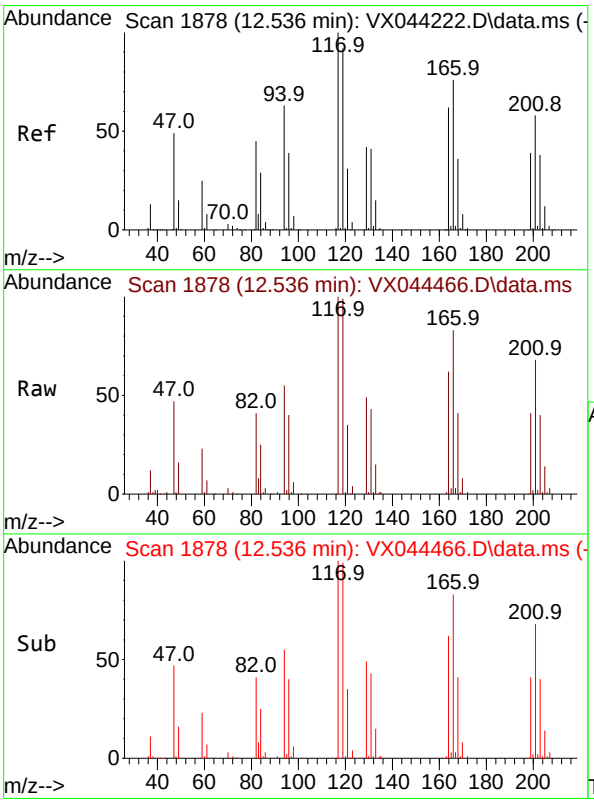
#89
n-Butylbenzene
Concen: 54.910 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 173517

Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.6	79.7
134	25.8	12.6	37.8

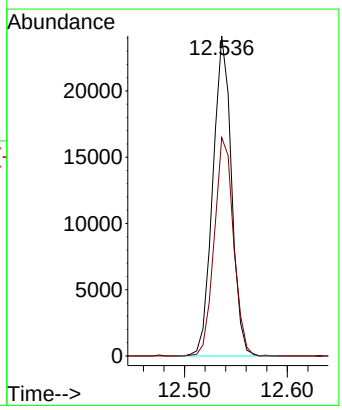


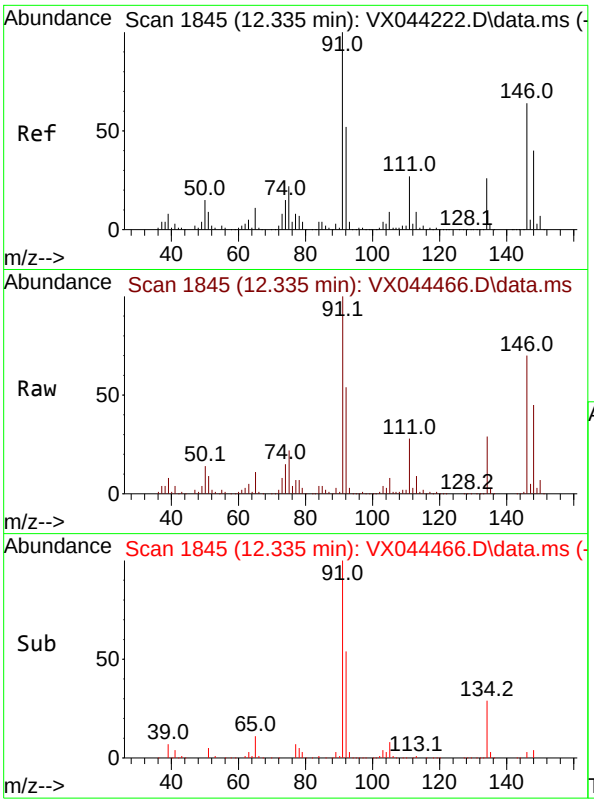


#90
Hexachloroethane
Concen: 55.398 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:117 Resp: 30390

Ion	Ratio	Lower	Upper
117	100		
201	70.4	31.4	94.2



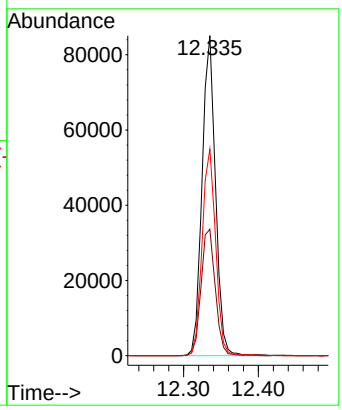


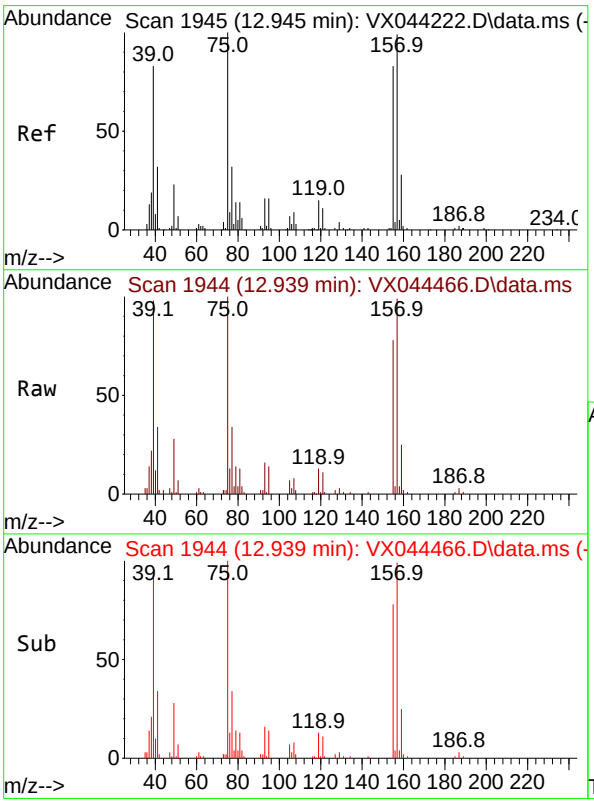
#91
1,2-Dichlorobenzene
Concen: 53.130 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 106046

Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.4	64.3
148	65.2	31.6	95.0

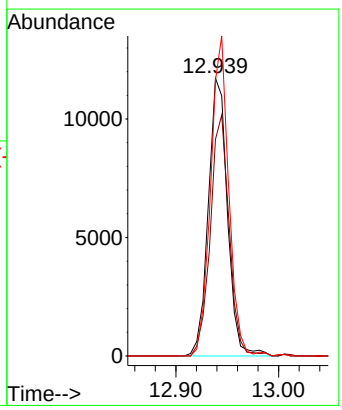


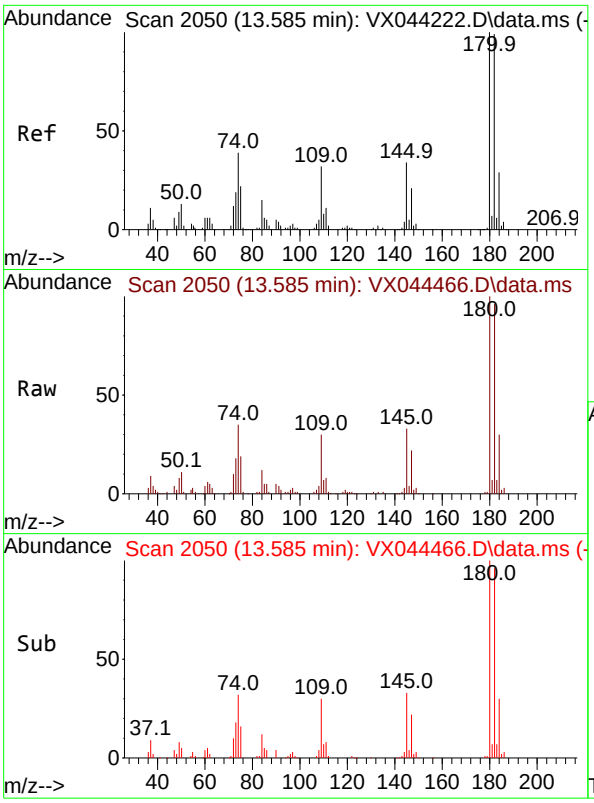


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.558 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 75 Resp: 15164

Ion	Ratio	Lower	Upper
75	100		
155	85.3	38.1	114.3
157	108.8	47.2	141.6



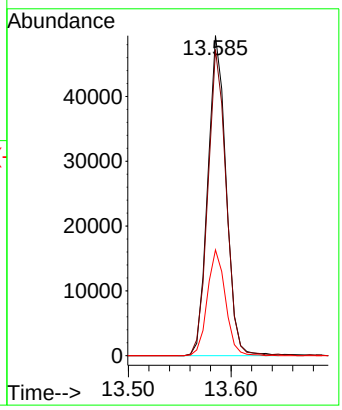


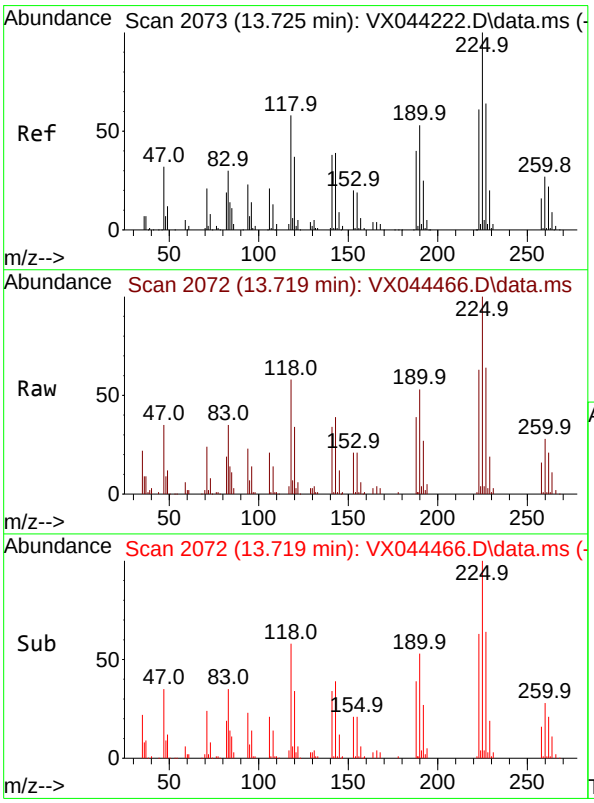
#93
1,2,4-Trichlorobenzene
Concen: 55.746 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 61001

Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.0	144.2
145	32.7	16.6	49.7

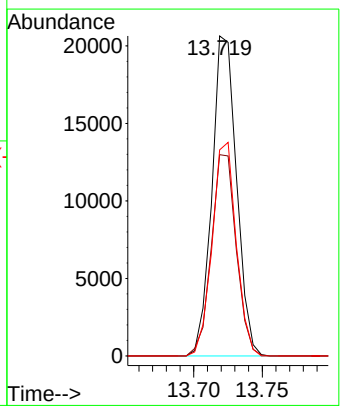


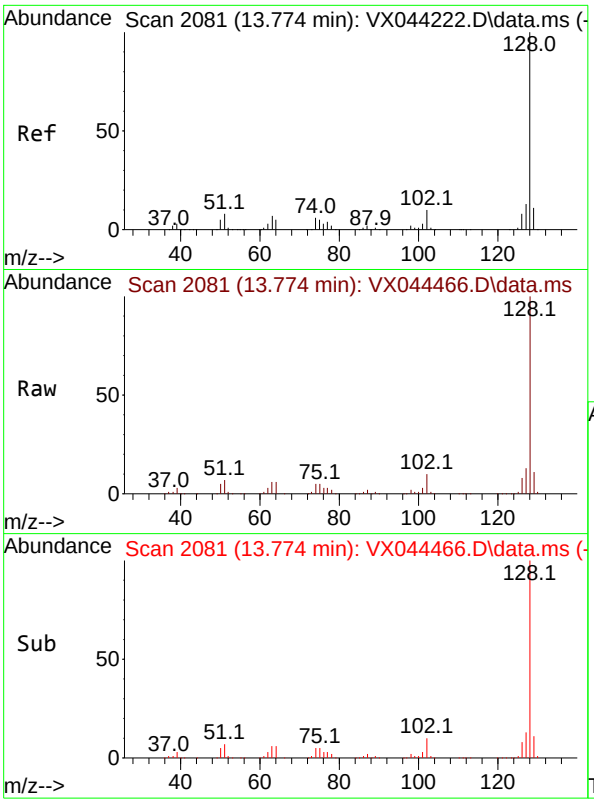


#94
Hexachlorobutadiene
Concen: 58.407 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:225 Resp: 25708

Ion	Ratio	Lower	Upper
225	100		
223	63.7	30.8	92.4
227	65.3	32.1	96.3



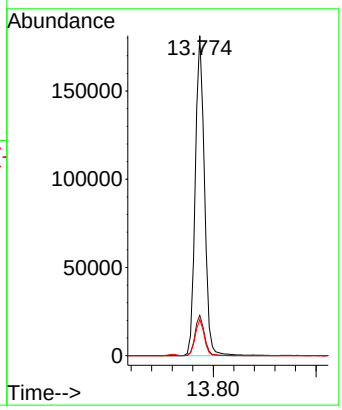


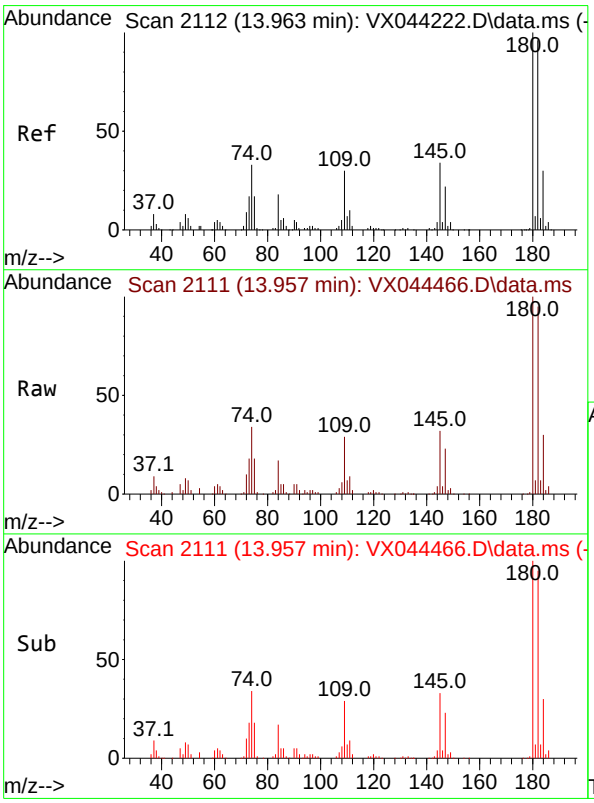
#95
Naphthalene
Concen: 52.712 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 225150

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	11.1	9.0	13.4

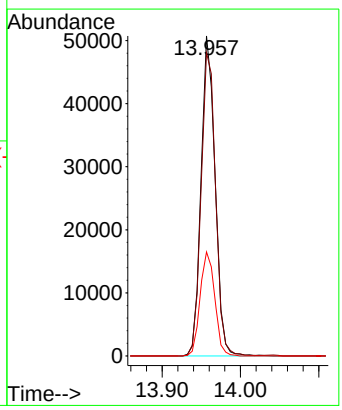




#96
1,2,3-Trichlorobenzene
Concen: 54.418 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:180 Resp: 63159

Ion	Ratio	Lower	Upper
180	100		
182	97.7	48.0	144.0
145	33.8	17.7	53.1



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044482.D
Acq On : 23 Dec 2024 16:00
Operator : JC/MD
Sample : P5374-05MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Quant Time: Dec 23 21:59:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	131546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	214972	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	185795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	87327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	90637	39.297	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 78.600%			
35) Dibromofluoromethane	5.385	113	72356	48.598	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.200%			
50) Toluene-d8	8.647	98	248239	49.420	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.840%			
62) 4-Bromofluorobenzene	11.079	95	84771	48.298	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	98121	48.240	ug/l	98
3) Chloromethane	1.294	50	93508	48.074	ug/l	98
4) Vinyl Chloride	1.374	62	92585	45.689	ug/l	99
5) Bromomethane	1.599	94	61895	43.054	ug/l	98
6) Chloroethane	1.666	64	60793	48.179	ug/l	100
7) Trichlorofluoromethane	1.873	101	145451	36.664	ug/l	99
8) Diethyl Ether	2.130	74	52216	38.561	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	96012	59.810	ug/l	95
10) Methyl Iodide	2.447	142	105341	49.790	ug/l	95
11) Tert butyl alcohol	2.989	59	56640	174.246	ug/l	98
12) 1,1-Dichloroethene	2.312	96	80285	54.450	ug/l	94
13) Acrolein	2.233	56	85193	181.056	ug/l	97
14) Allyl chloride	2.660	41	111714	45.487	ug/l	98
15) Acrylonitrile	3.062	53	188449	209.289	ug/l	97
16) Acetone	2.379	43	159511	169.639	ug/l	97
17) Carbon Disulfide	2.507	76	133096	47.487	ug/l	98
18) Methyl Acetate	2.703	43	94020	38.780	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	242799	42.197	ug/l	98
20) Methylene Chloride	2.782	84	82671	46.810	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	73808	47.100	ug/l	92
22) Diisopropyl ether	3.757	45	242329	43.818	ug/l	93
23) Vinyl Acetate	3.715	43	987899	219.721	ug/l	99
24) 1,1-Dichloroethane	3.605	63	142379	46.186	ug/l	98
25) 2-Butanone	4.556	43	248746	186.080	ug/l	98
26) 2,2-Dichloropropane	4.471	77	114998	45.919	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	93787	47.125	ug/l	95
28) Bromochloromethane	4.891	49	57451	38.005	ug/l	97
29) Tetrahydrofuran	5.001	42	158158	184.328	ug/l	99
30) Chloroform	5.086	83	152649	44.073	ug/l	97
31) Cyclohexane	5.458	56	111826	44.922	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	132974	46.251	ug/l	99
36) 1,1-Dichloropropene	5.684	75	95602	49.674	ug/l	98
37) Ethyl Acetate	4.708	43	99193	41.695	ug/l	98
38) Carbon Tetrachloride	5.665	117	105673	51.000	ug/l	98
39) Methylcyclohexane	7.372	83	122149	53.090	ug/l	97
40) Benzene	6.031	78	303599	51.956	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044482.D
Acq On : 23 Dec 2024 16:00
Operator : JC/MD
Sample : P5374-05MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Quant Time: Dec 23 21:59:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	55620	44.029	ug/l		98
42) 1,2-Dichloroethane	6.080	62	117037	48.622	ug/l		98
43) Isopropyl Acetate	6.336	43	165564	44.526	ug/l		99
44) Trichloroethene	7.116	130	293203	201.214	ug/l		100
45) 1,2-Dichloropropane	7.427	63	74644	50.000	ug/l		98
46) Dibromomethane	7.580	93	58103	50.168	ug/l		93
47) Bromodichloromethane	7.818	83	104657	52.323	ug/l		100
48) Methyl methacrylate	7.689	41	78236	43.344	ug/l		95
49) 1,4-Dioxane	7.659	88	20904	698.520	ug/l	#	71
51) 4-Methyl-2-Pentanone	8.573	43	511840	214.085	ug/l		98
52) Toluene	8.714	92	190396	51.886	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	101232	47.332	ug/l		94
54) cis-1,3-Dichloropropene	8.360	75	112700	51.747	ug/l		100
55) 1,1,2-Trichloroethane	9.147	97	75487	51.783	ug/l		99
56) Ethyl methacrylate	9.116	69	111491	48.446	ug/l		96
57) 1,3-Dichloropropane	9.305	76	125572	49.489	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.165	63	315	0.271	ug/l	#	46
59) 2-Hexanone	9.427	43	366899	212.014	ug/l		98
60) Dibromochloromethane	9.518	129	76435	49.544	ug/l		98
61) 1,2-Dibromoethane	9.604	107	75476	50.865	ug/l		99
64) Tetrachloroethene	9.268	164	65707	53.284	ug/l		97
65) Chlorobenzene	10.073	112	203767	51.183	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.159	131	70491	55.093	ug/l		99
67) Ethyl Benzene	10.189	91	357217	51.930	ug/l		98
68) m/p-Xylenes	10.299	106	270804	107.287	ug/l		95
69) o-Xylene	10.640	106	131502	51.491	ug/l		96
70) Styrene	10.652	104	217725	53.180	ug/l		96
71) Bromoform	10.799	173	44095	49.400	ug/l	#	97
73) Isopropylbenzene	10.957	105	343334	51.357	ug/l		99
74) N-amyl acetate	10.841	43	136439	44.161	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.207	83	107849	46.447	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	111432	57.150	ug/l		84
77) Bromobenzene	11.195	156	83947	51.783	ug/l		96
78) n-propylbenzene	11.299	91	387249	52.409	ug/l		98
79) 2-Chlorotoluene	11.360	91	236393	49.469	ug/l		97
80) 1,3,5-Trimethylbenzene	11.451	105	281636	50.800	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	28851	43.249	ug/l		95
82) 4-Chlorotoluene	11.451	91	266294	50.323	ug/l		98
83) tert-Butylbenzene	11.713	119	288014	52.567	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	289698	53.208	ug/l		98
85) sec-Butylbenzene	11.890	105	342308	51.464	ug/l		99
86) p-Isopropyltoluene	12.006	119	293141	52.952	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	148954	52.602	ug/l		97
88) 1,4-Dichlorobenzene	12.036	146	150236	51.610	ug/l		99
89) n-Butylbenzene	12.329	91	245693	52.779	ug/l		99
90) Hexachloroethane	12.536	117	43092	53.324	ug/l		92
91) 1,2-Dichlorobenzene	12.335	146	152300	51.798	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18413	40.849	ug/l		82
93) 1,2,4-Trichlorobenzene	13.585	180	87271	54.139	ug/l		98
94) Hexachlorobutadiene	13.719	225	36701	56.603	ug/l		99
95) Naphthalene	13.774	128	290387	46.150	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	91121	53.295	ug/l		97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044482.D
Acq On : 23 Dec 2024 16:00
Operator : JC/MD
Sample : P5374-05MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Quant Time: Dec 23 21:59:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

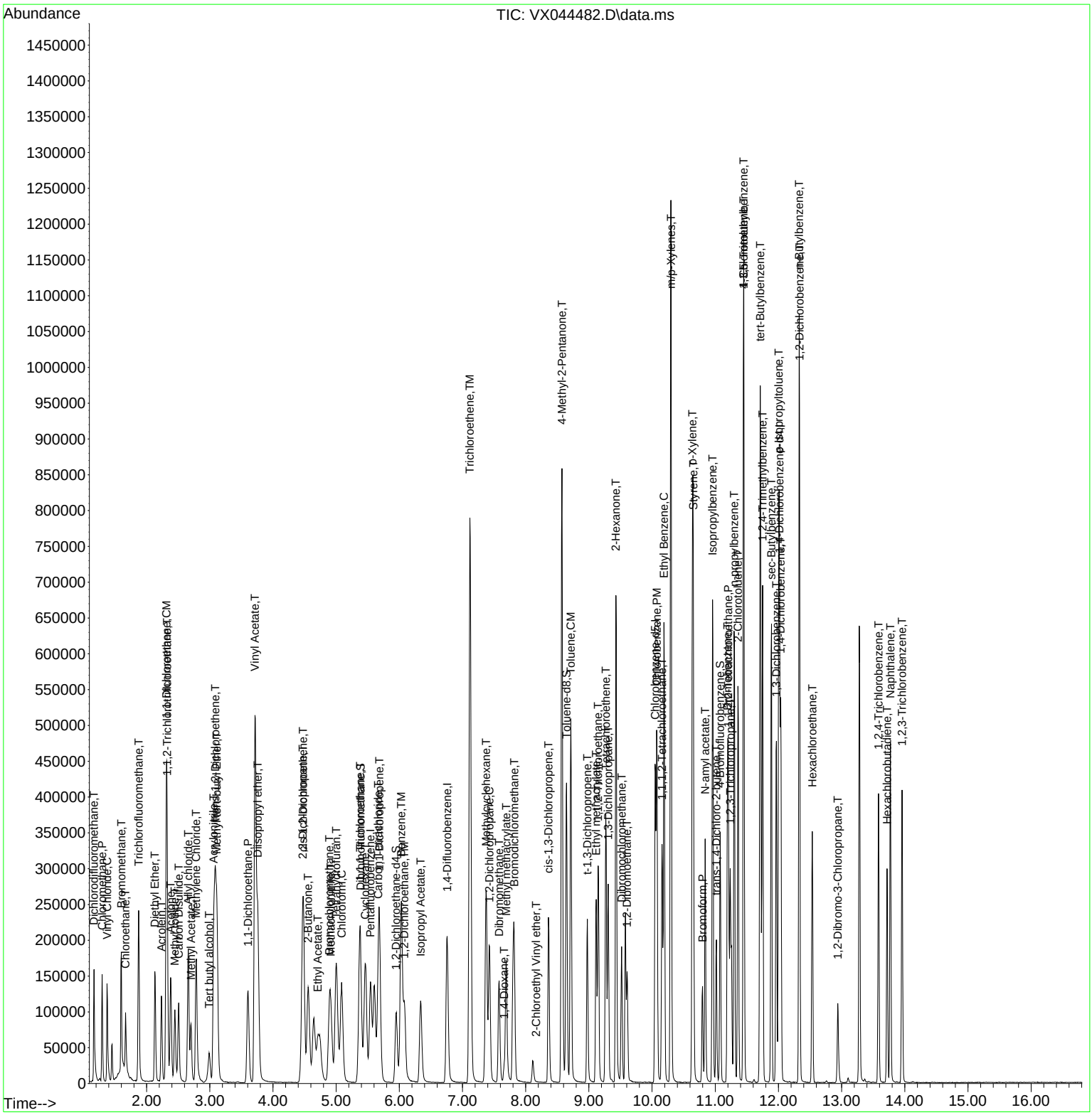
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

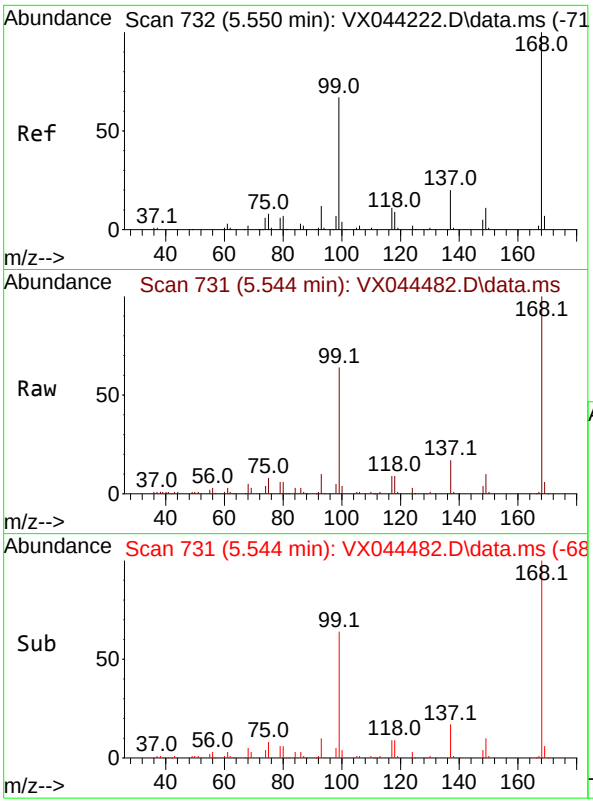
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044482.D
Acq On : 23 Dec 2024 16:00
Operator : JC/MD
Sample : P5374-05MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Quant Time: Dec 23 21:59:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



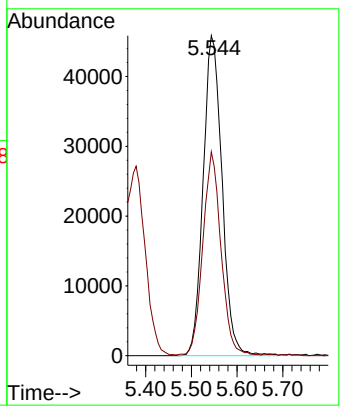


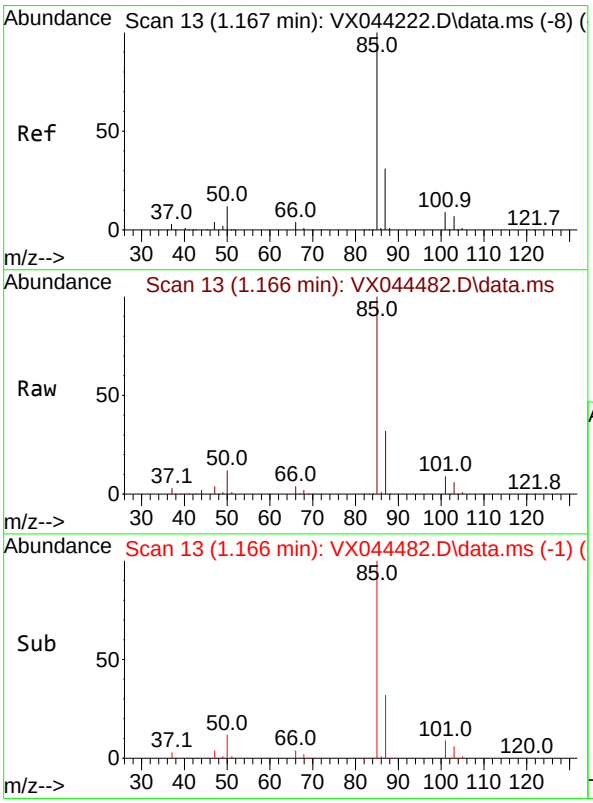
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion:168 Resp: 131546

Ion	Ratio	Lower	Upper
168	100		
99	63.6	53.4	80.0

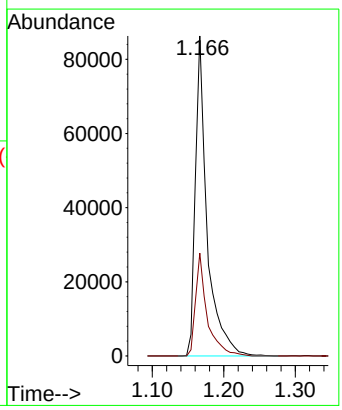


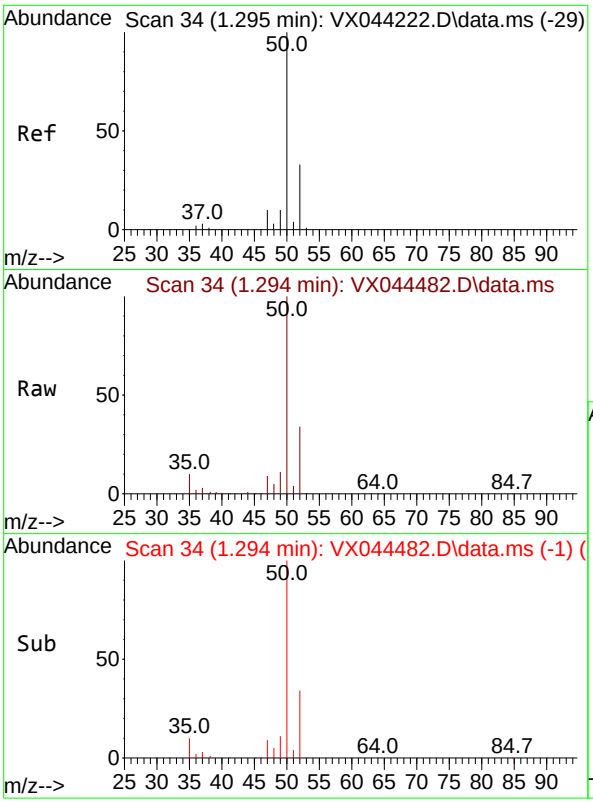


#2
Dichlorodifluoromethane
Concen: 48.240 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 85 Resp: 98121

Ion	Ratio	Lower	Upper
85	100		
87	32.1	15.4	46.4



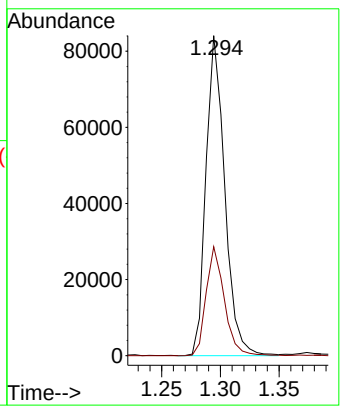


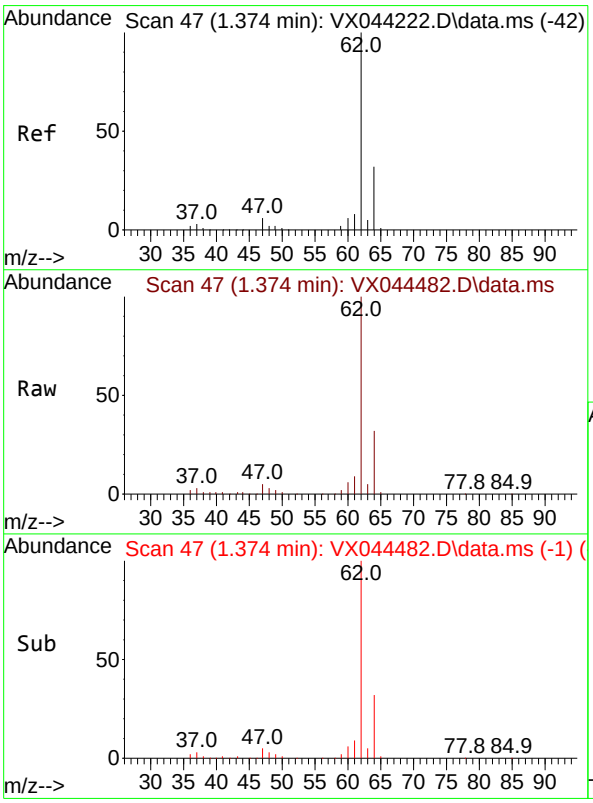
#3
Chloromethane
Concen: 48.074 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion: 50 Resp: 93508

Ion	Ratio	Lower	Upper
50	100		
52	34.1	26.5	39.7

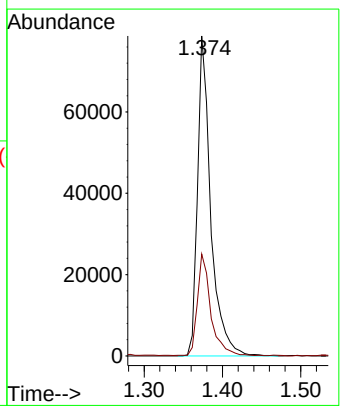


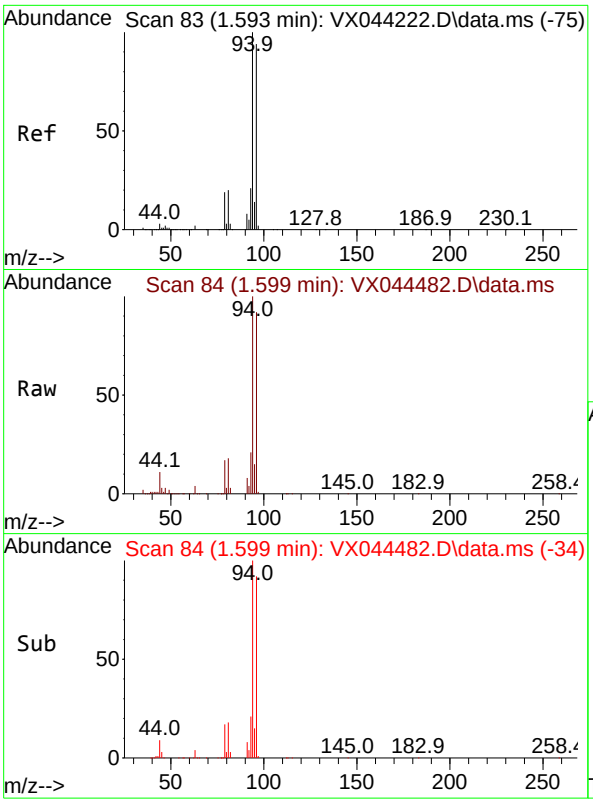


#4
Vinyl Chloride
Concen: 45.689 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 62 Resp: 92585

Ion	Ratio	Lower	Upper
62	100		
64	31.7	25.7	38.5



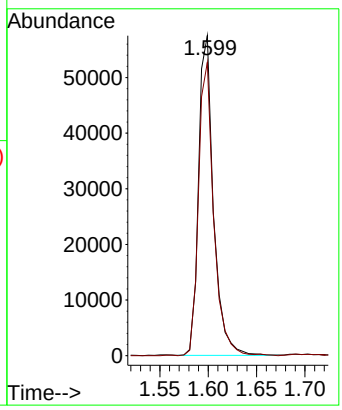


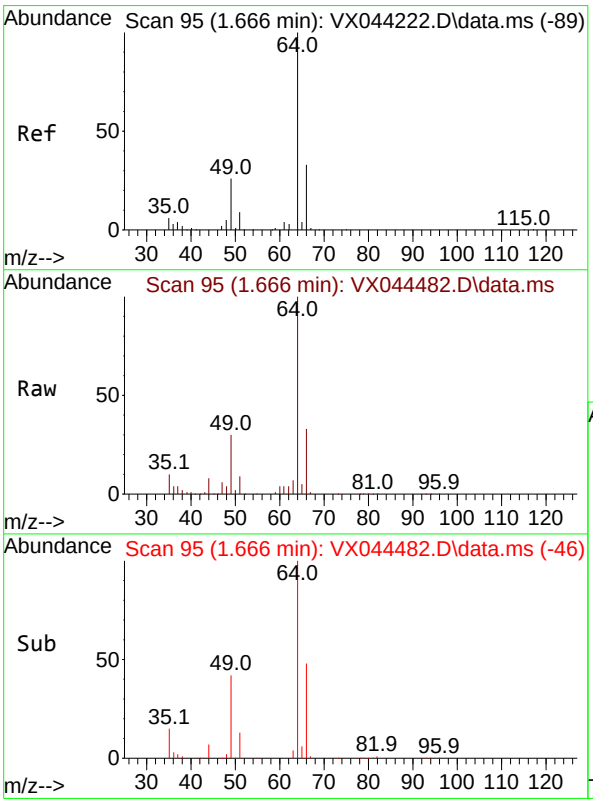
#5
Bromomethane
Concen: 43.054 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion: 94 Resp: 61895

Ion	Ratio	Lower	Upper
94	100		
96	91.7	74.9	112.3

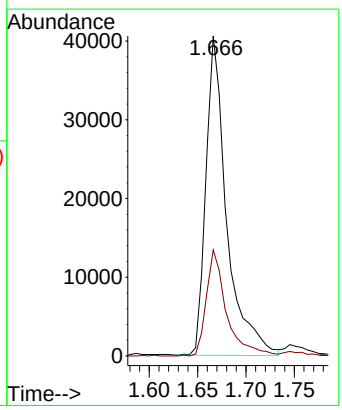


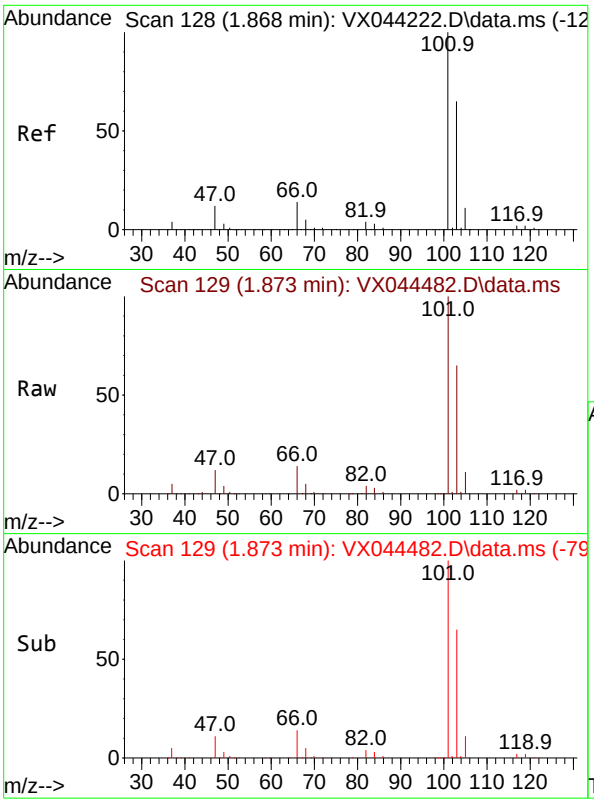


#6
Chloroethane
Concen: 48.179 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 64 Resp: 60793

Ion	Ratio	Lower	Upper
64	100		
66	33.2	26.6	39.8



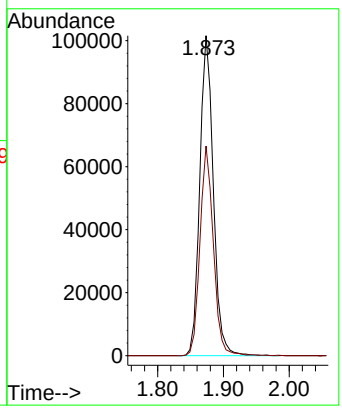


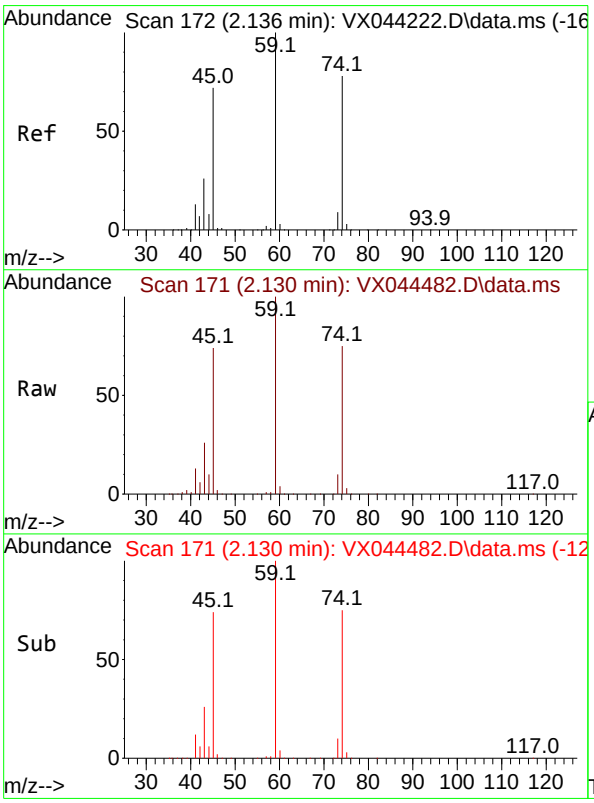
#7
Trichlorofluoromethane
Concen: 36.664 ug/l
RT: 1.873 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion:101 Resp: 145451

Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.8	77.8

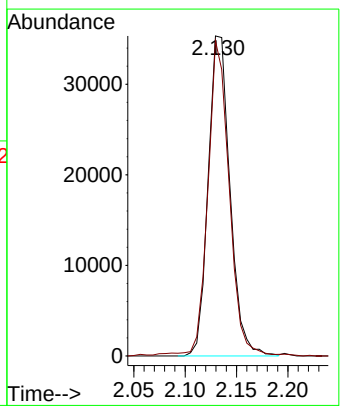


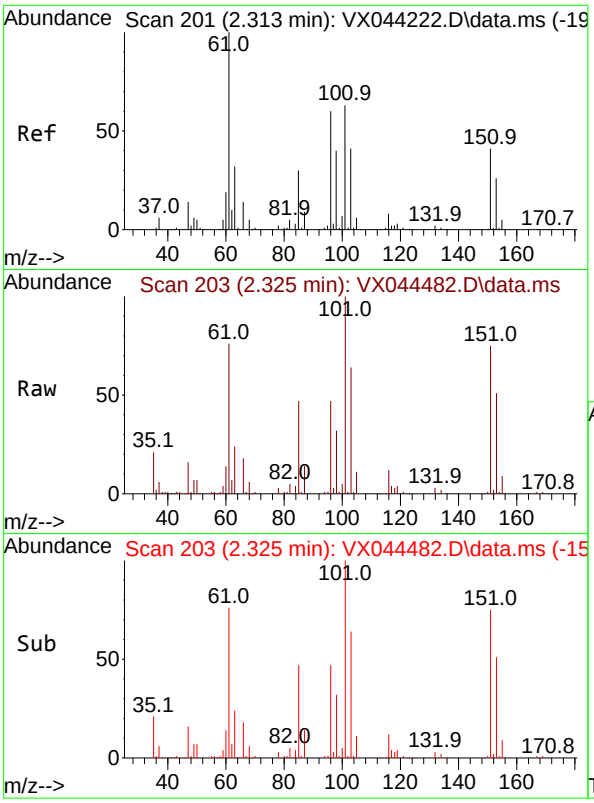


#8
Diethyl Ether
Concen: 38.561 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 74 Resp: 52216

Ion	Ratio	Lower	Upper
74	100		
45	97.0	48.4	145.0



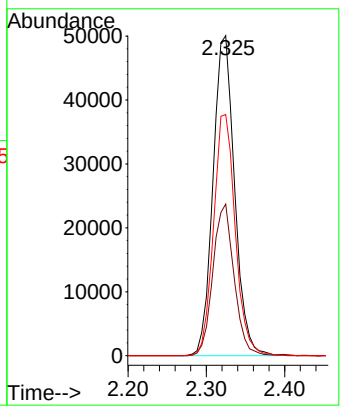


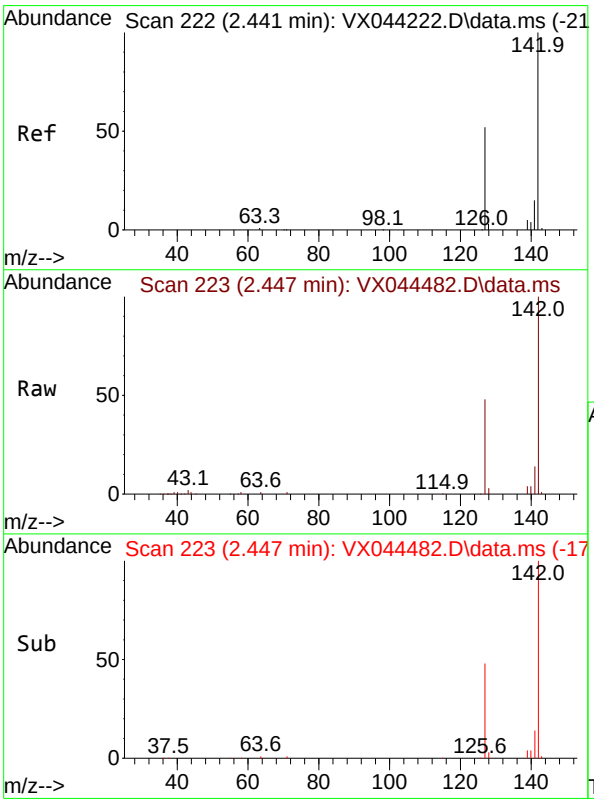
#9
1,1,2-Trichlorotrifluoroethane
Concen: 59.810 ug/l
RT: 2.325 min Scan# 2
Delta R.T. 0.012 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion:101 Resp: 96012

Ion	Ratio	Lower	Upper
101	100		
85	46.5	38.5	57.7
151	75.8	55.8	83.6

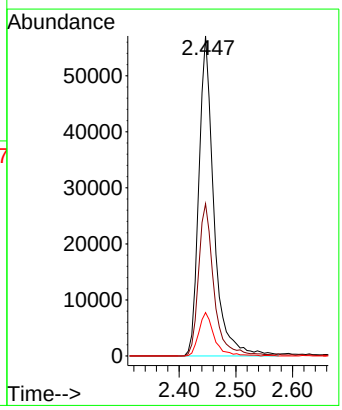


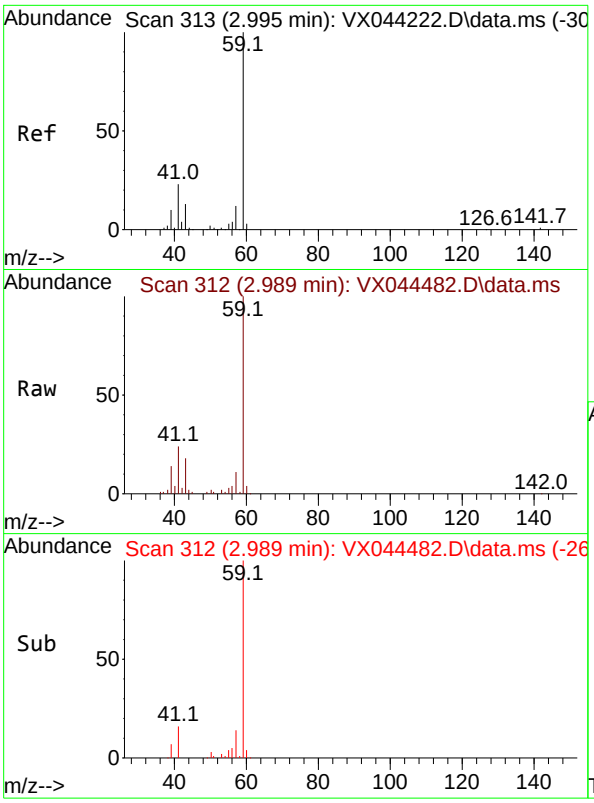


#10
Methyl Iodide
Concen: 49.790 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:142 Resp: 105341

Ion	Ratio	Lower	Upper
142	100		
127	48.4	41.8	62.8
141	13.9	11.5	17.3



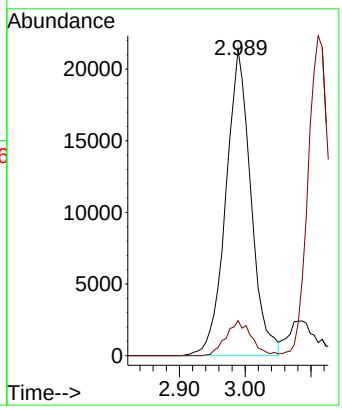


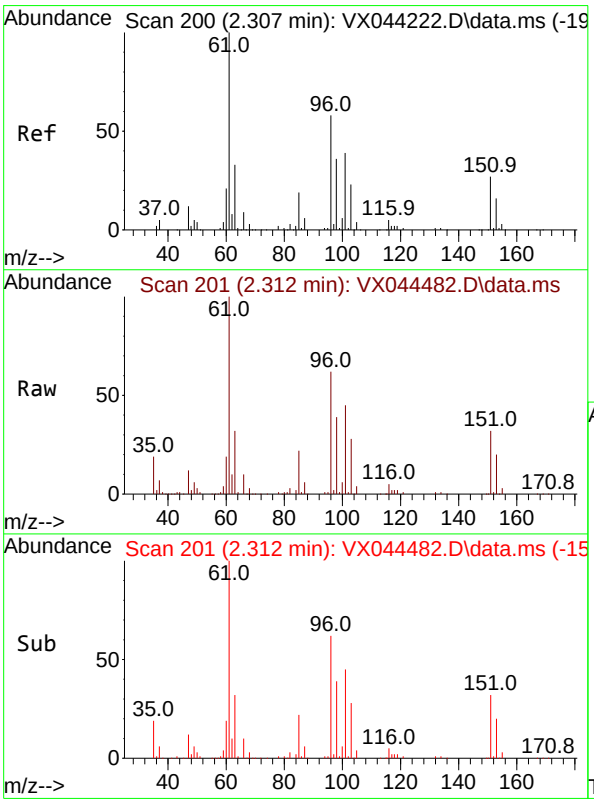
#11
Tert butyl alcohol
Concen: 174.246 ug/l
RT: 2.989 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion: 59 Resp: 56640

Ion	Ratio	Lower	Upper
59	100		
57	11.6	8.8	13.2

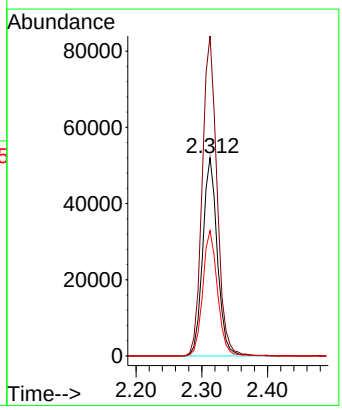


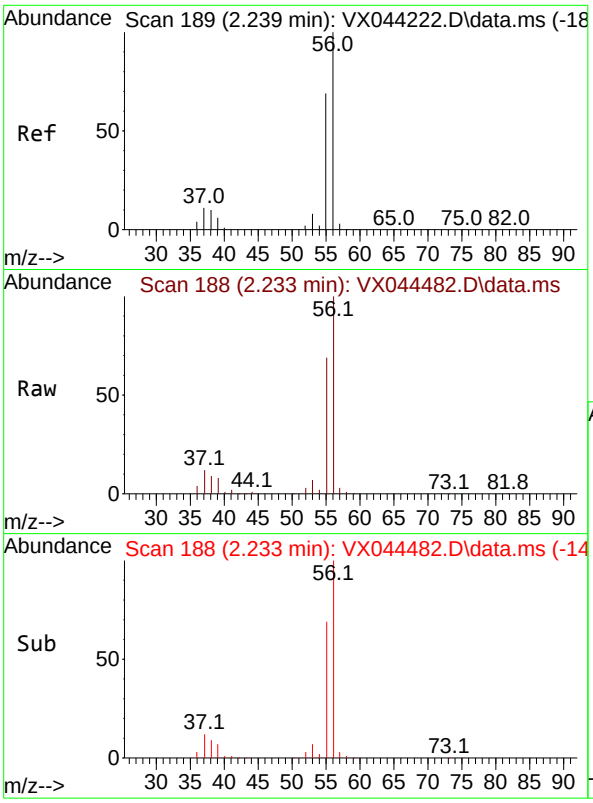


#12
1,1-Dichloroethene
Concen: 54.450 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 96 Resp: 80285

Ion	Ratio	Lower	Upper
96	100		
61	161.5	138.0	207.0
98	63.2	50.0	75.0



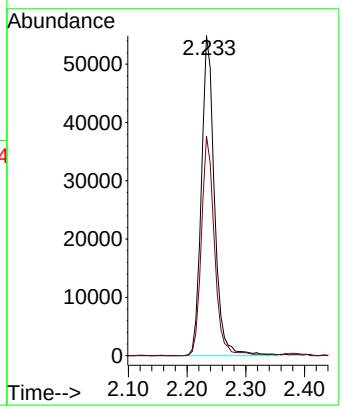


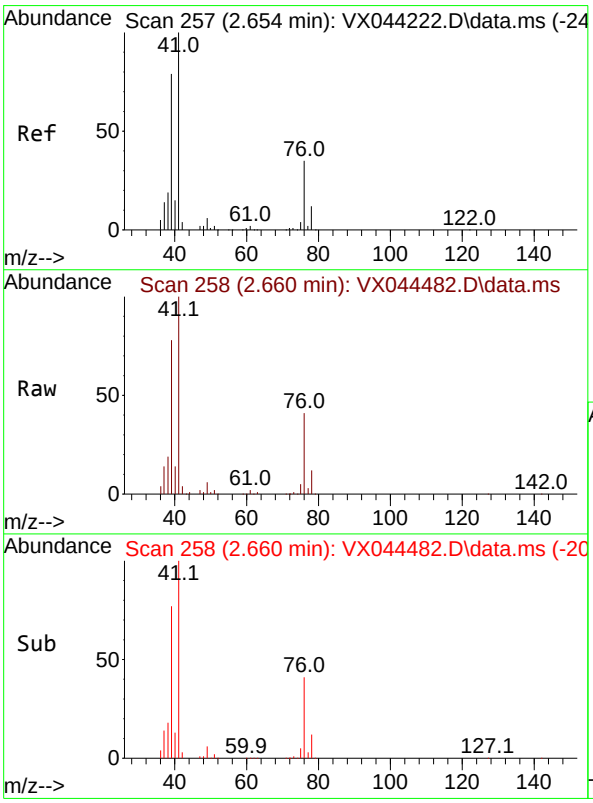
#13
Acrolein
Concen: 181.056 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion: 56 Resp: 85193

Ion	Ratio	Lower	Upper
56	100		
55	68.5	56.6	84.8

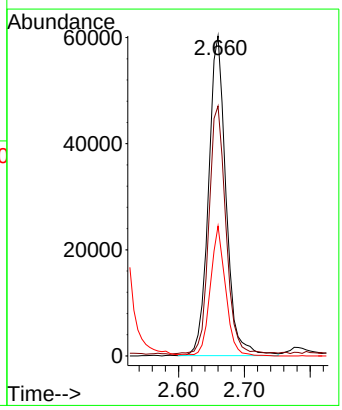


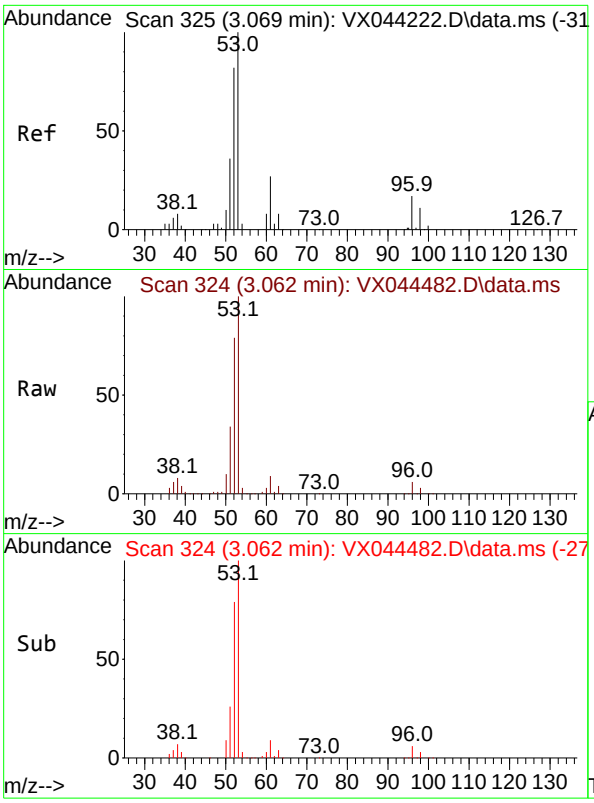


#14
Allyl chloride
Concen: 45.487 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 41 Resp: 111714

Ion	Ratio	Lower	Upper
41	100		
39	75.5	61.9	92.9
76	35.4	27.4	41.2



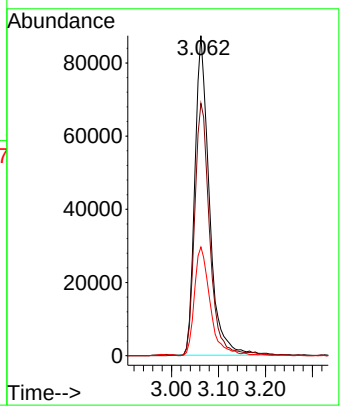


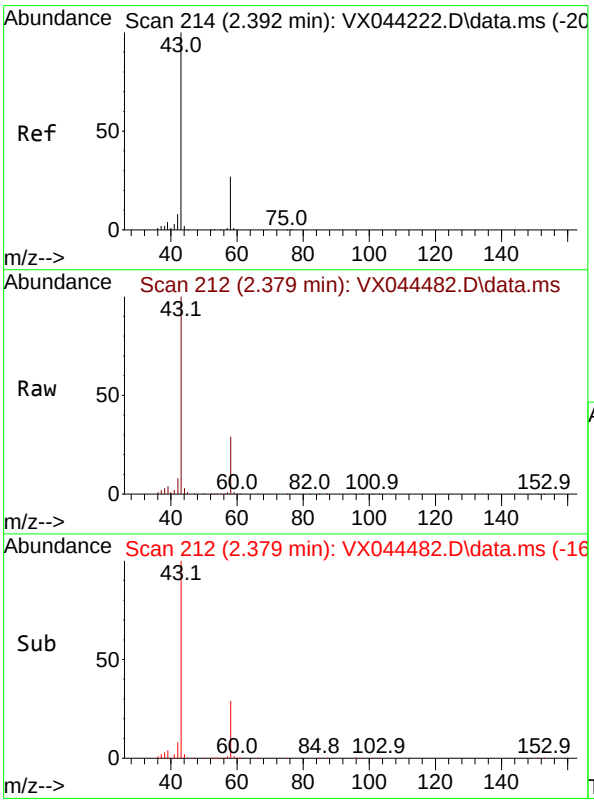
#15
Acrylonitrile
Concen: 209.289 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion: 53 Resp: 188449

Ion	Ratio	Lower	Upper
53	100		
52	80.8	67.4	101.0
51	36.5	30.3	45.5

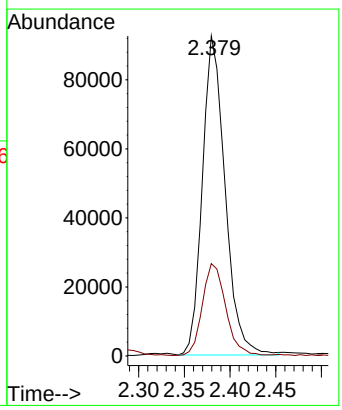


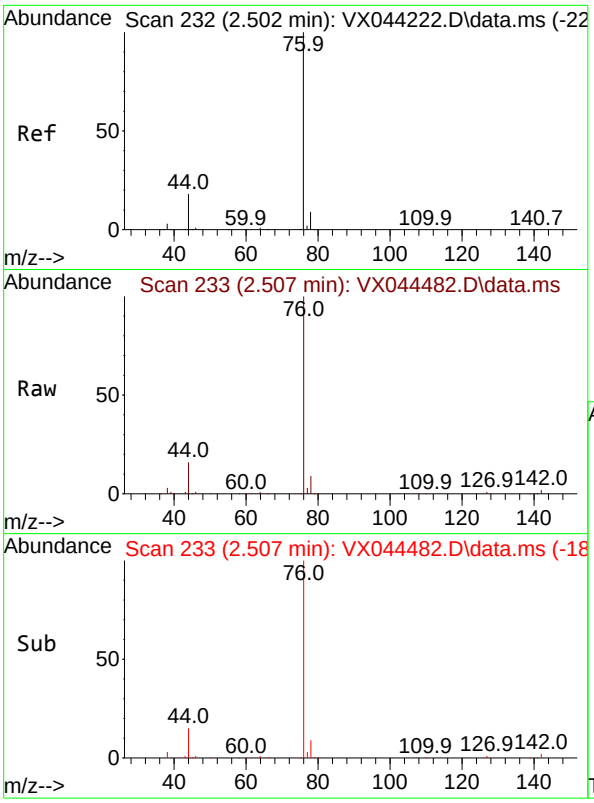


#16
Acetone
Concen: 169.639 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 43 Resp: 159511

Ion	Ratio	Lower	Upper
43	100		
58	28.7	21.6	32.4



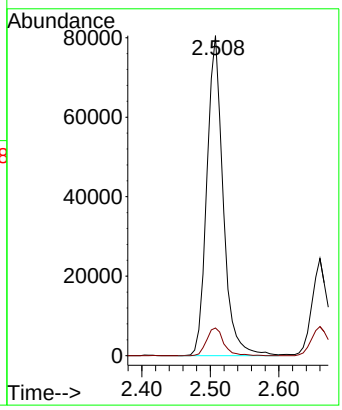


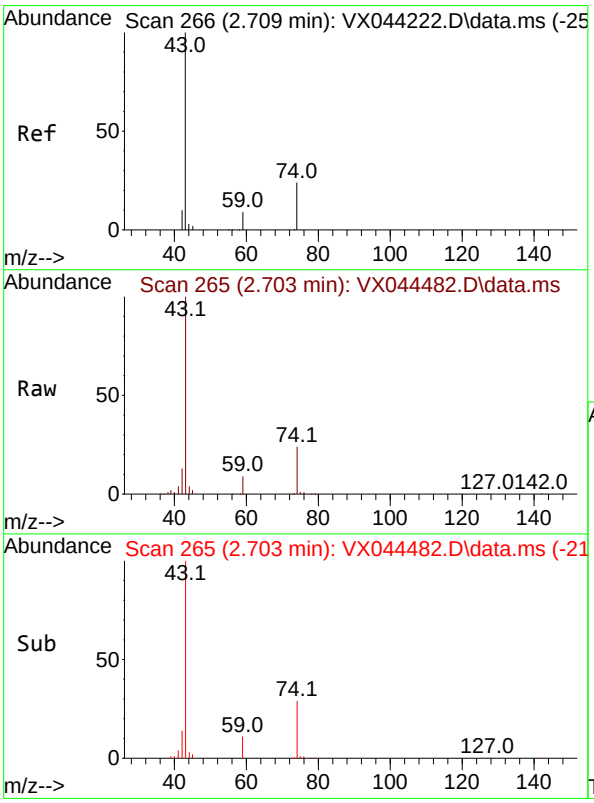
#17
Carbon Disulfide
Concen: 47.487 ug/l
RT: 2.507 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion: 76 Resp: 133096

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.4	11.0

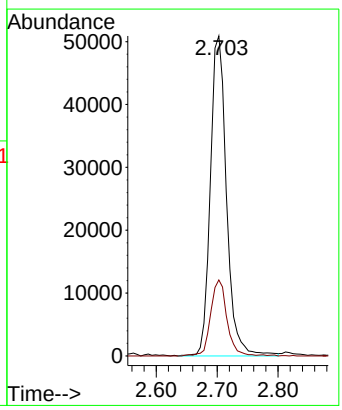


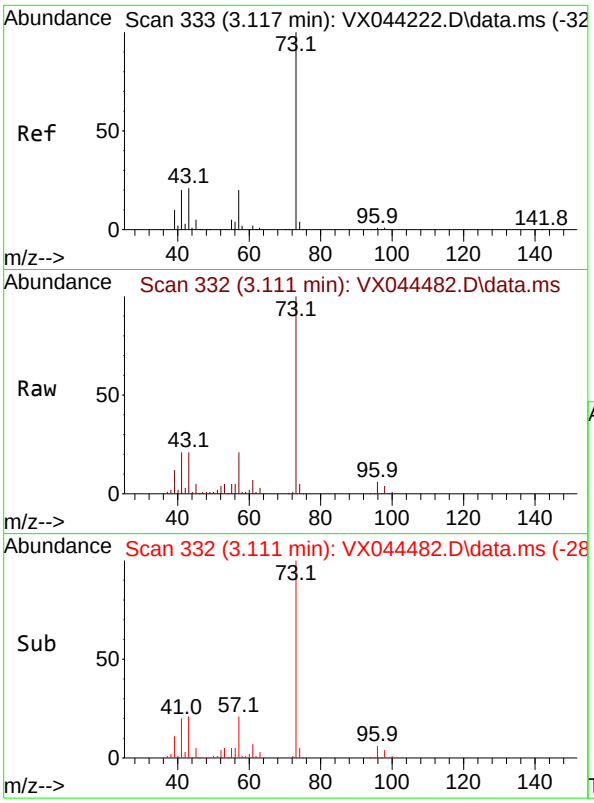


#18
Methyl Acetate
Concen: 38.780 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 43 Resp: 94020

Ion	Ratio	Lower	Upper
43	100		
74	24.1	17.7	26.5



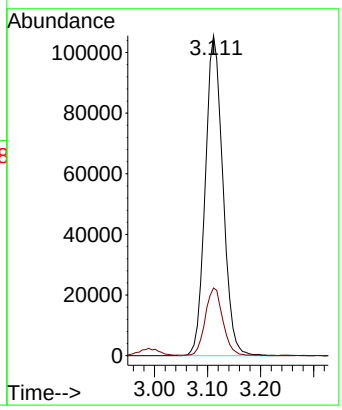


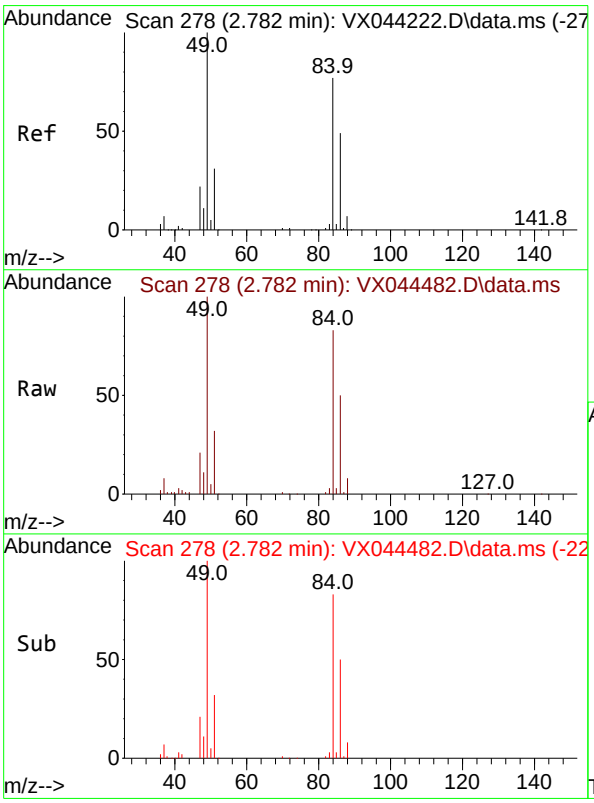
#19
Methyl tert-butyl Ether
Concen: 42.197 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion: 73 Resp: 242799

Ion	Ratio	Lower	Upper
73	100		
57	21.2	16.2	24.4

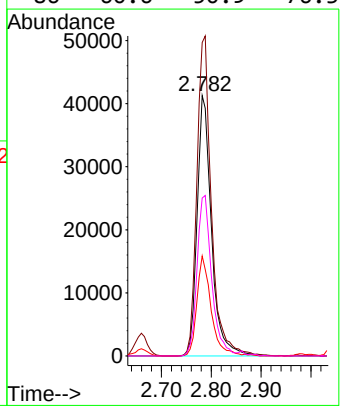


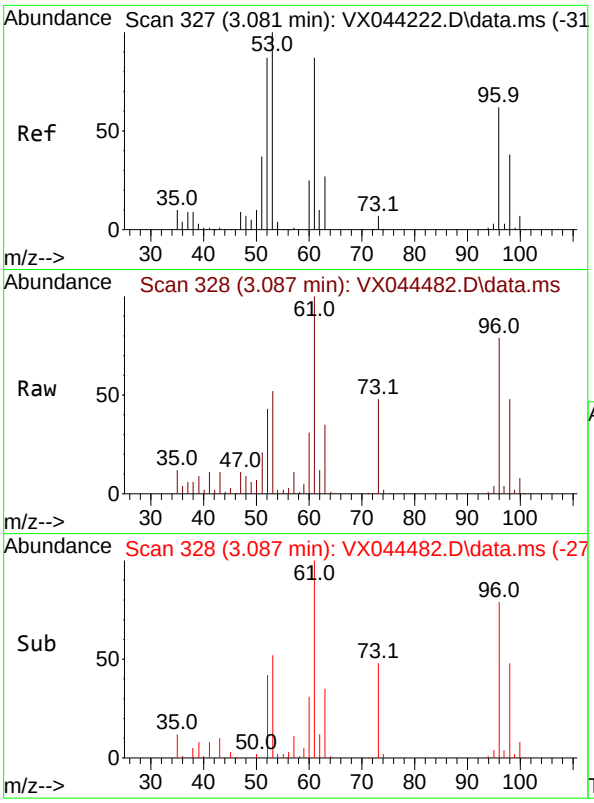


#20
Methylene Chloride
Concen: 46.810 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 84 Resp: 82671

Ion	Ratio	Lower	Upper
84	100		
49	120.4	104.2	156.4
51	38.4	32.2	48.4
86	60.6	50.9	76.3



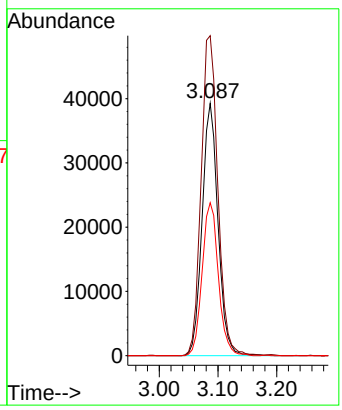


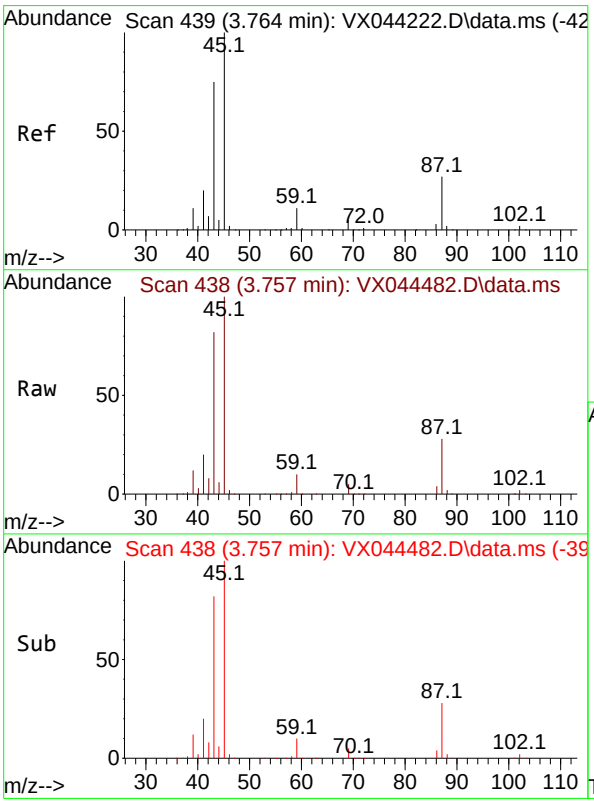
#21
trans-1,2-Dichloroethene
Concen: 47.100 ug/l
RT: 3.087 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion: 96 Resp: 73808

Ion	Ratio	Lower	Upper
96	100		
61	126.8	112.0	168.0
98	60.6	48.8	73.2

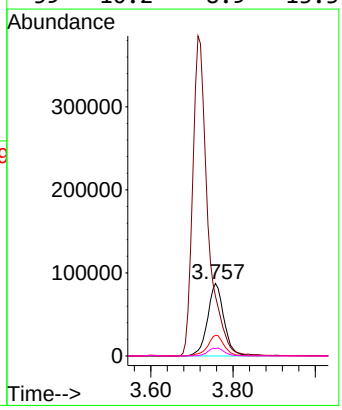


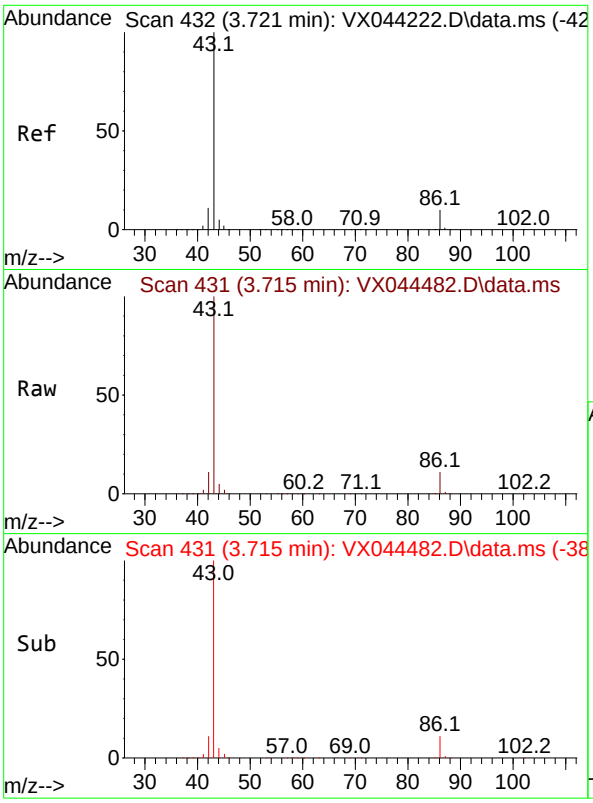


#22
Diisopropyl ether
Concen: 43.818 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 45 Resp: 242329

Ion	Ratio	Lower	Upper
45	100		
43	82.4	60.2	90.2
87	28.4	21.2	31.8
59	10.2	8.9	13.3



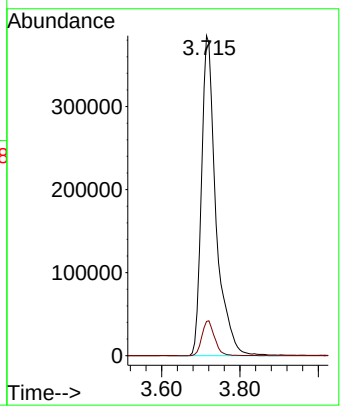


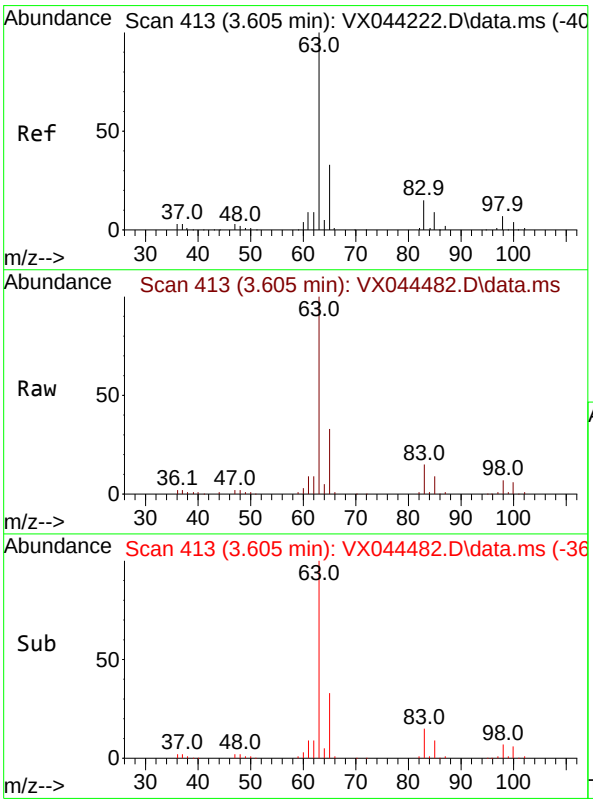
#23
Vinyl Acetate
Concen: 219.721 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion: 43 Resp: 987899

Ion	Ratio	Lower	Upper
43	100		
86	10.7	8.2	12.2

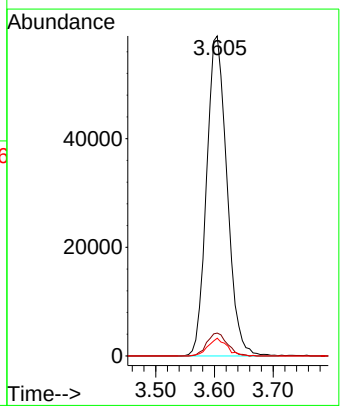


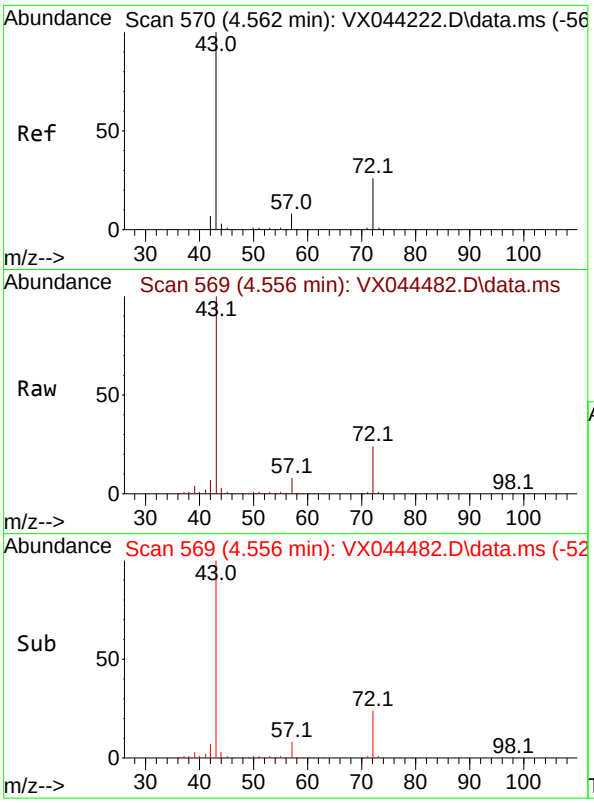


#24
1,1-Dichloroethane
Concen: 46.186 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 63 Resp: 142379

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.6	10.8
100	5.6	2.1	6.3



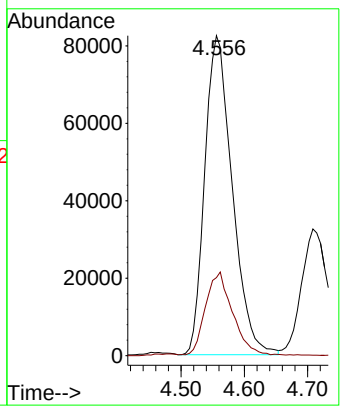


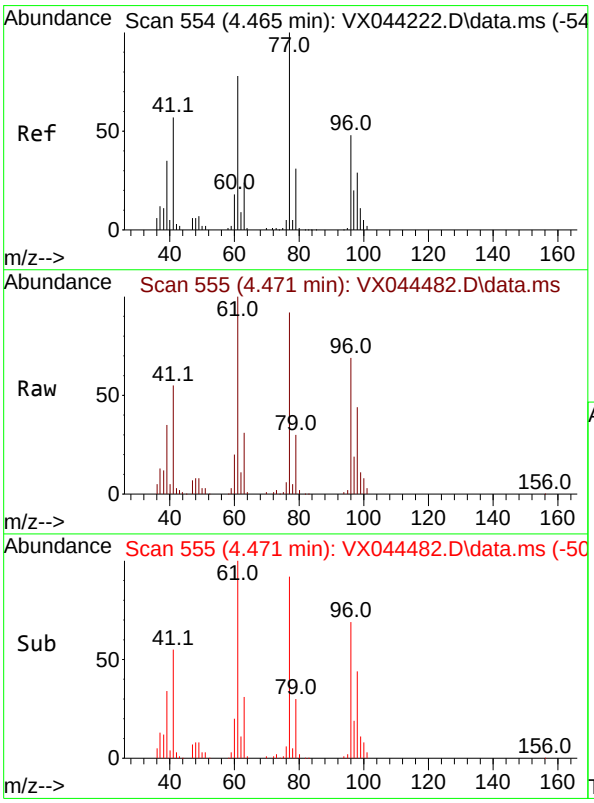
#25
2-Butanone
Concen: 186.080 ug/l
RT: 4.556 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion: 43 Resp: 248746

Ion	Ratio	Lower	Upper
43	100		
72	24.2	20.2	30.4

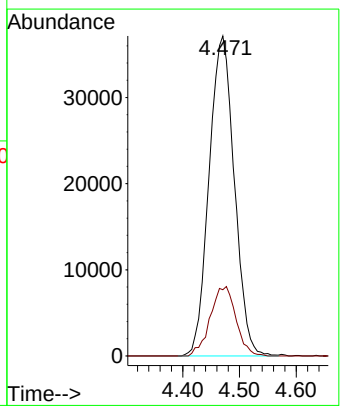


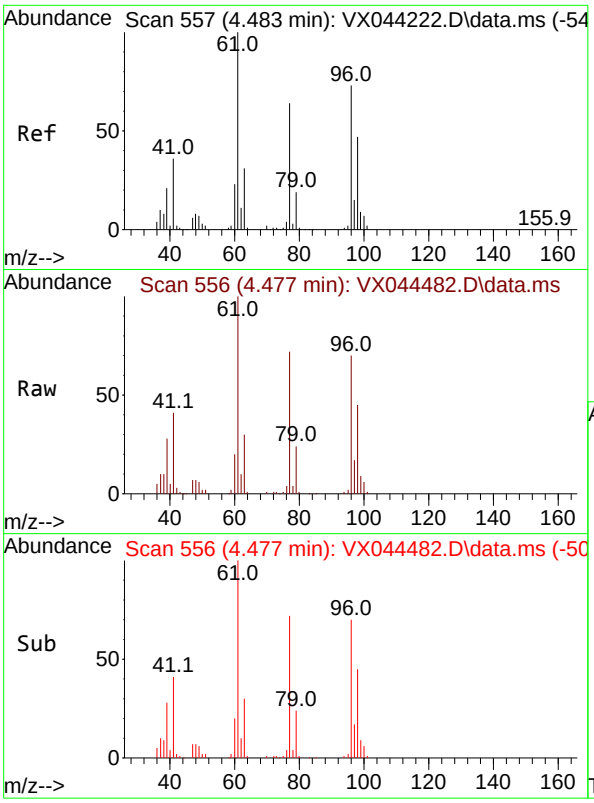


#26
2,2-Dichloropropane
Concen: 45.919 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 77 Resp: 114998

Ion	Ratio	Lower	Upper
77	100		
97	22.1	10.7	32.1



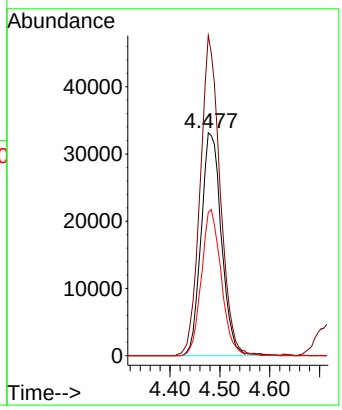


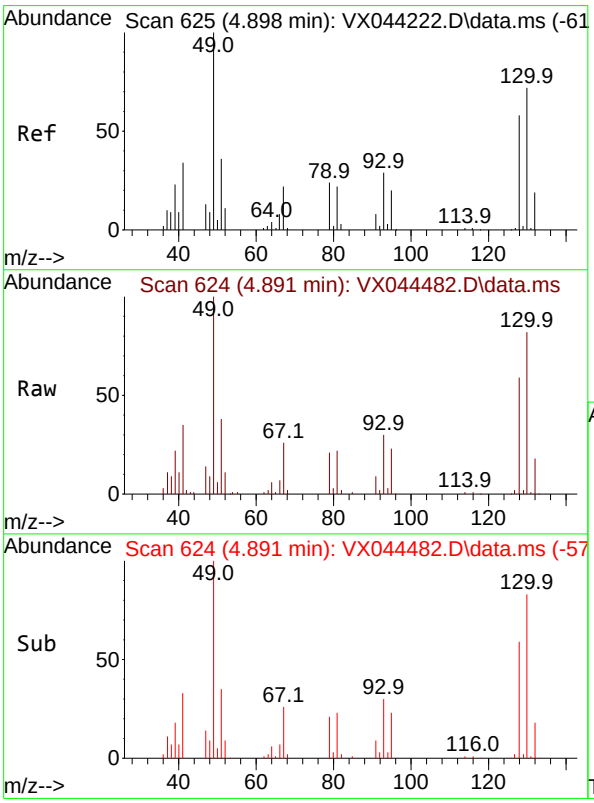
#27
cis-1,2-Dichloroethene
Concen: 47.125 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion: 96 Resp: 93787

Ion	Ratio	Lower	Upper
96	100		
61	140.2	0.0	299.0
98	64.1	0.0	129.0

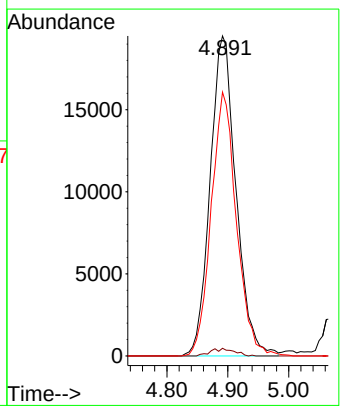


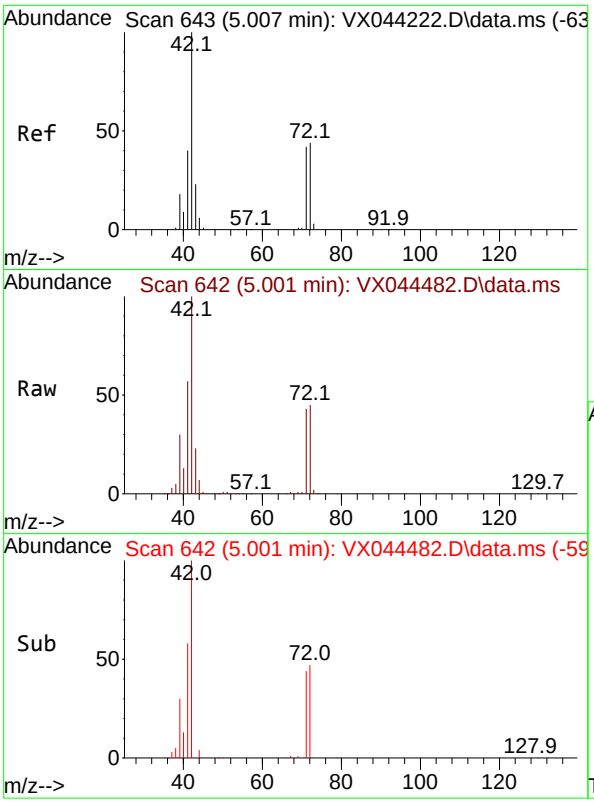


#28
Bromochloromethane
Concen: 38.005 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 49 Resp: 57451

Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	4.2
130	80.5	62.1	93.1



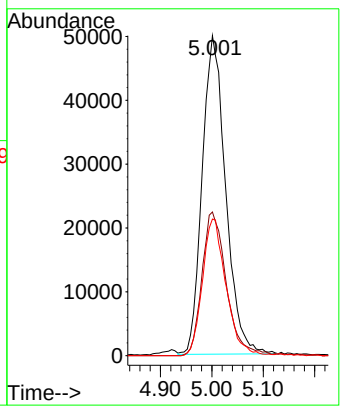


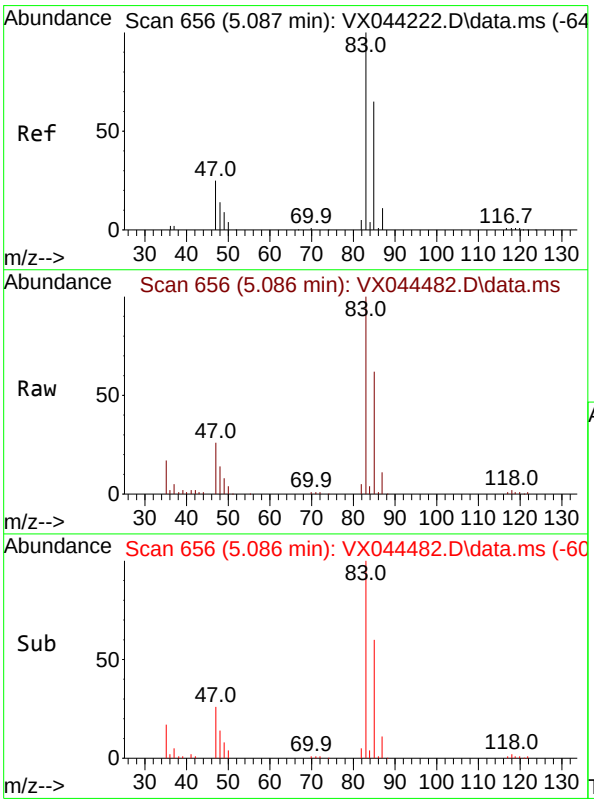
#29
Tetrahydrofuran
Concen: 184.328 ug/l
RT: 5.001 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion: 42 Resp: 158158

Ion	Ratio	Lower	Upper
42	100		
72	46.9	37.0	55.6
71	43.2	33.6	50.4

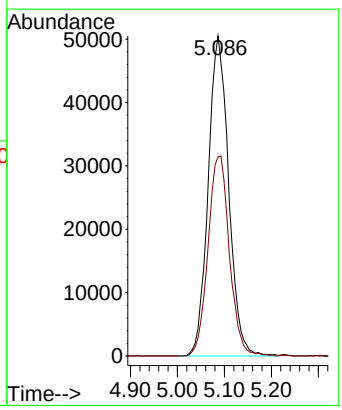


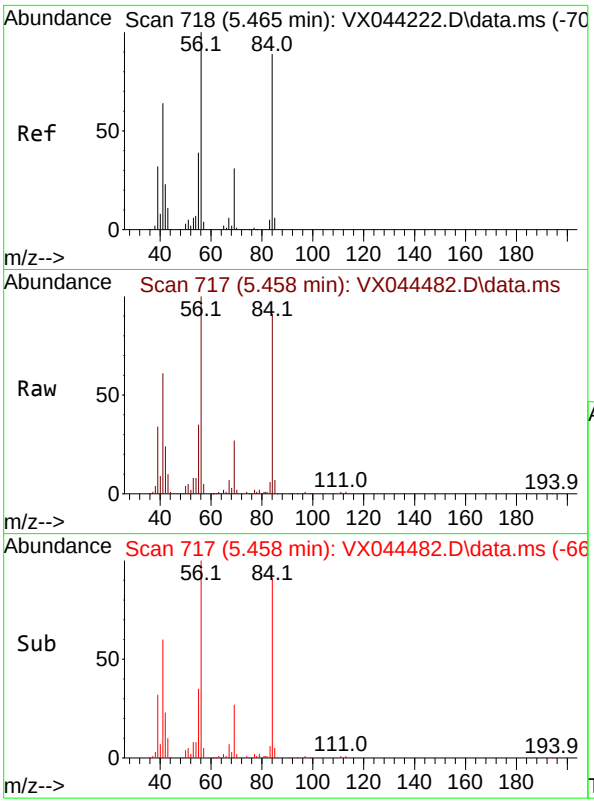


#30
Chloroform
Concen: 44.073 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 83 Resp: 152649

Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.6	77.4



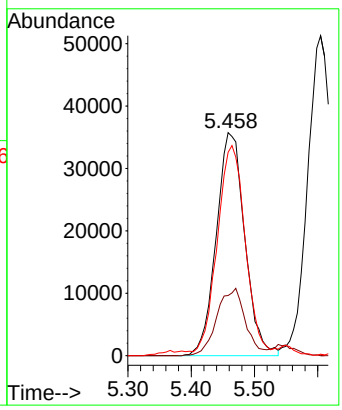


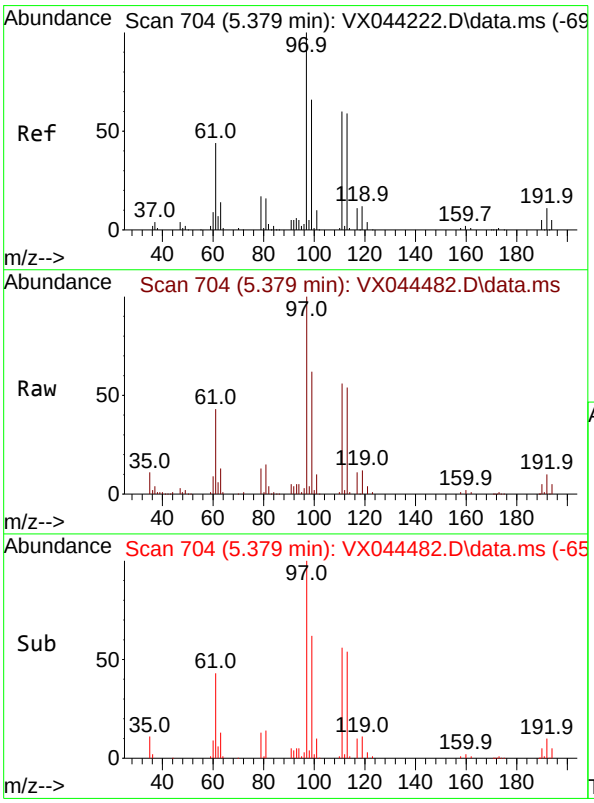
#31
Cyclohexane
Concen: 44.922 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion: 56 Resp: 111826

Ion	Ratio	Lower	Upper
56	100		
69	27.0	24.7	37.1
84	89.4	71.0	106.6

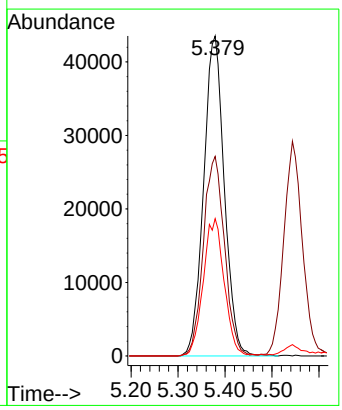


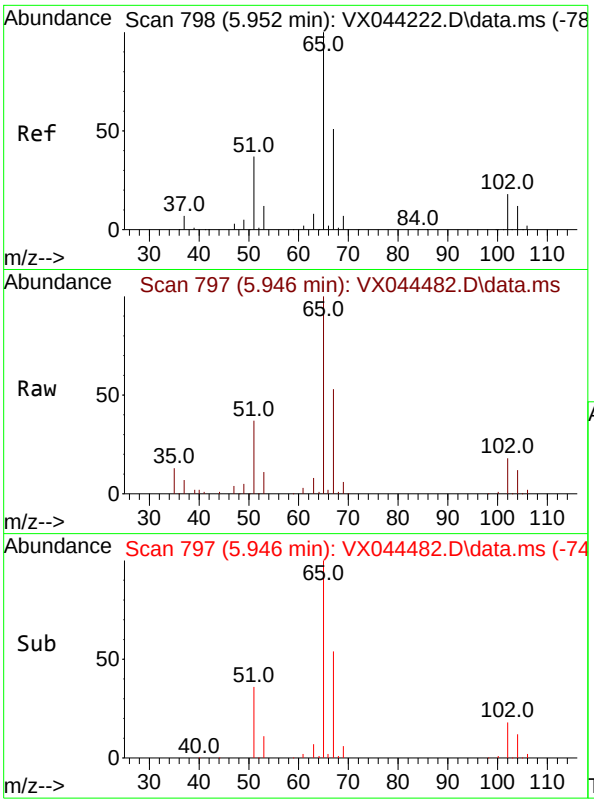


#32
1,1,1-Trichloroethane
Concen: 46.251 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 97 Resp: 132974

Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.8	76.2
61	43.5	35.2	52.8



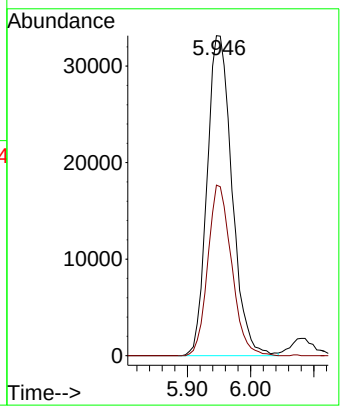


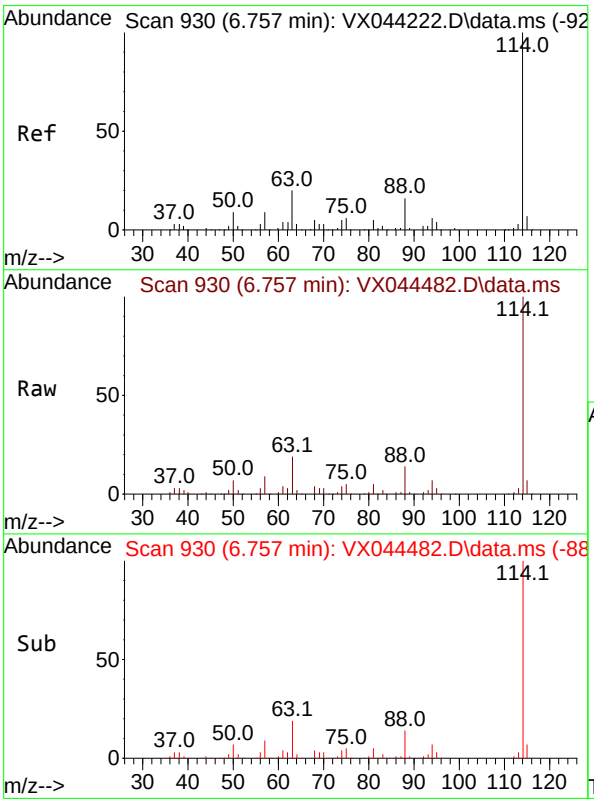
#33
1,2-Dichloroethane-d4
Concen: 39.297 ug/l
RT: 5.946 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion: 65 Resp: 90637

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	101.6

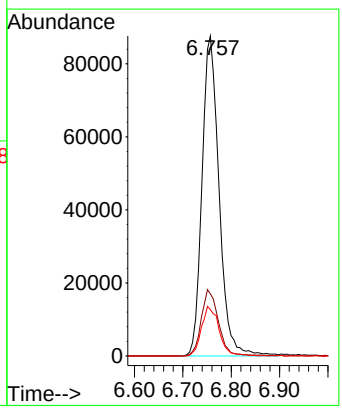


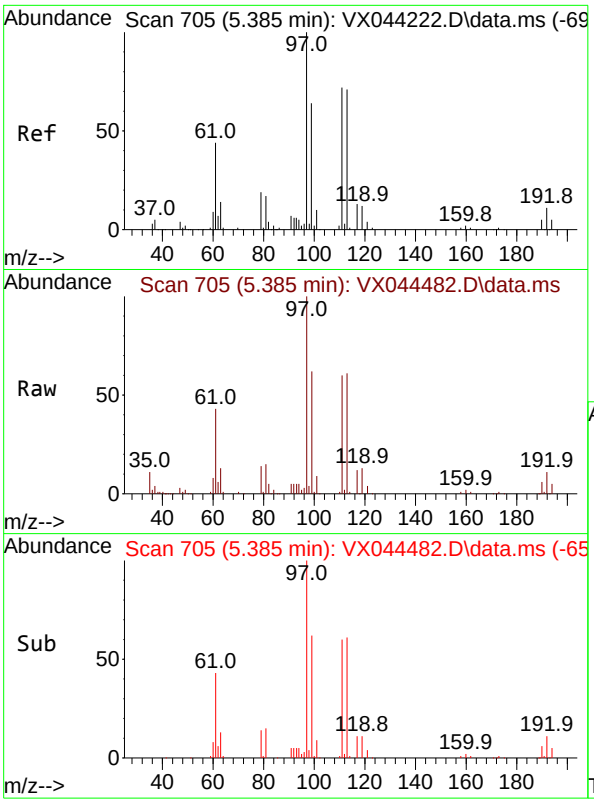


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:114 Resp: 214972

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	40.6
88	14.5	0.0	31.8



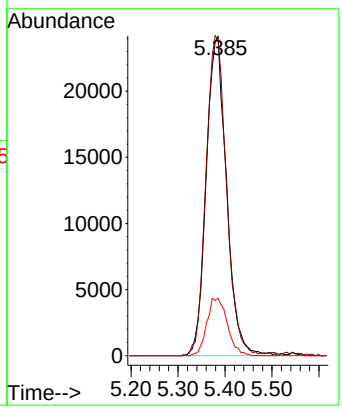


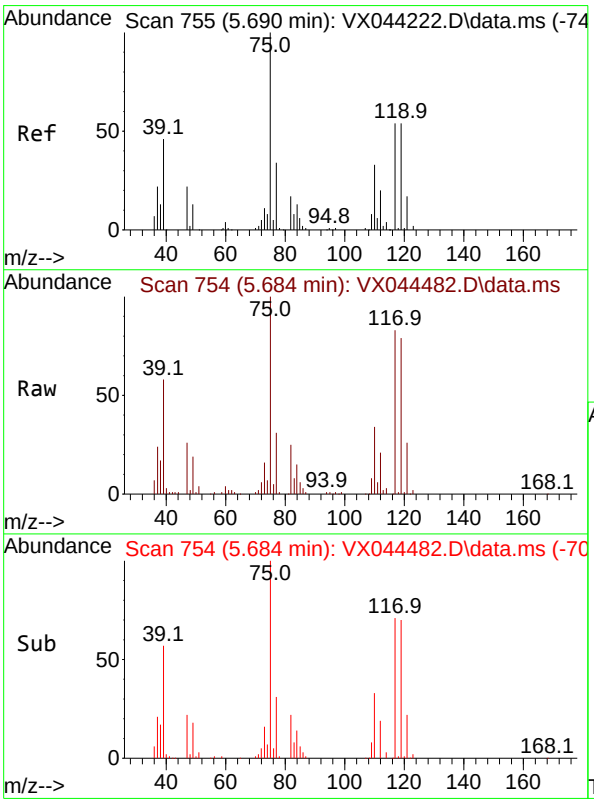
#35
Dibromofluoromethane
Concen: 48.598 ug/l
RT: 5.385 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion:113 Resp: 72356

Ion	Ratio	Lower	Upper
113	100		
111	101.0	80.4	120.6
192	18.2	13.3	19.9

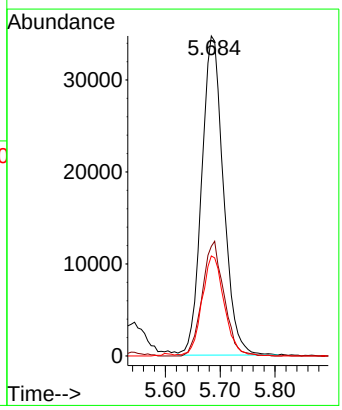


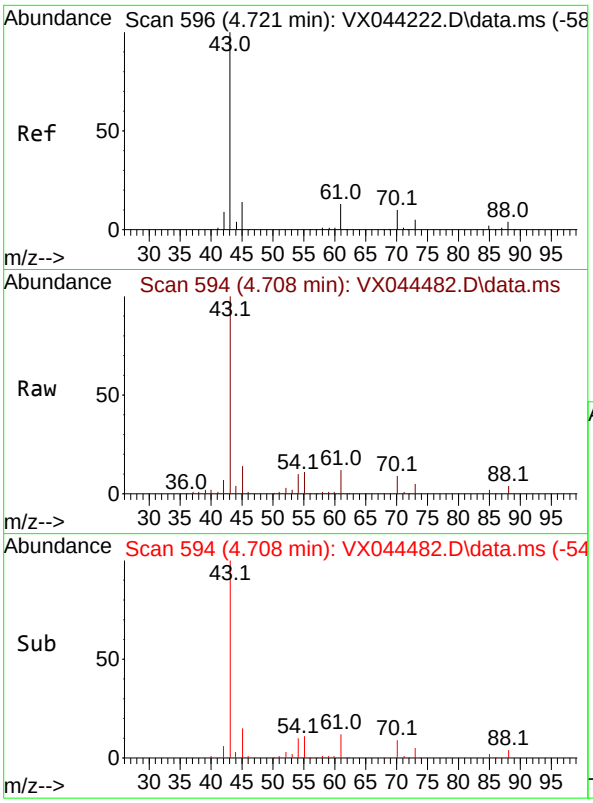


#36
1,1-Dichloropropene
Concen: 49.674 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 75 Resp: 95602

Ion	Ratio	Lower	Upper
75	100		
110	36.0	17.3	51.7
77	32.1	25.4	38.0



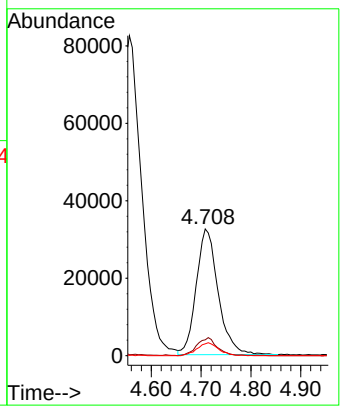


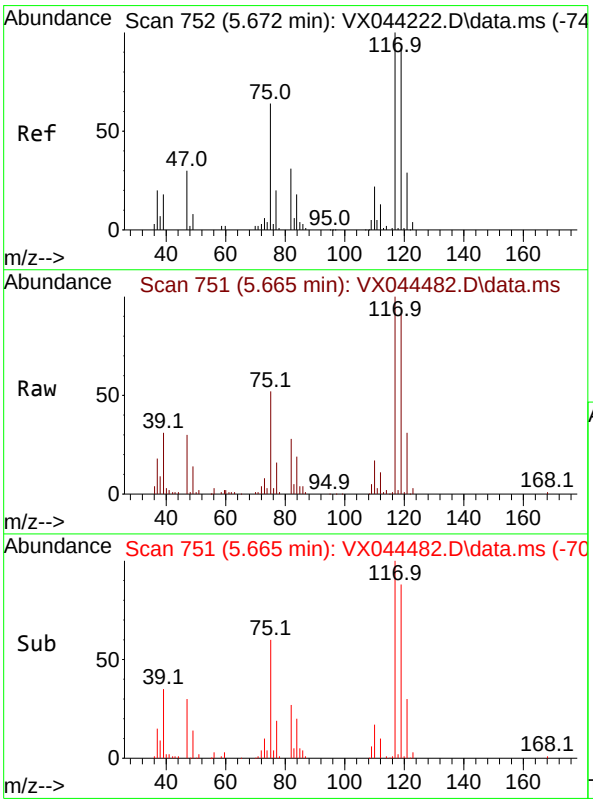
#37
Ethyl Acetate
Concen: 41.695 ug/l
RT: 4.708 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion: 43 Resp: 99193

Ion	Ratio	Lower	Upper
43	100		
61	13.4	9.8	14.8
70	10.0	7.7	11.5

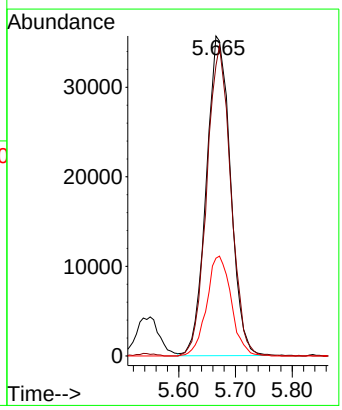


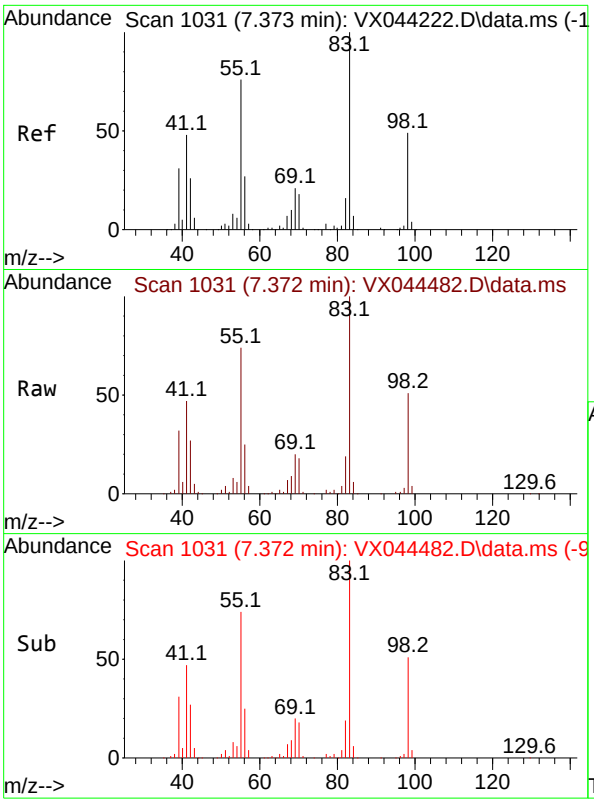


#38
Carbon Tetrachloride
Concen: 51.000 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:117 Resp: 105673

Ion	Ratio	Lower	Upper
117	100		
119	90.9	74.2	111.4
121	30.6	23.0	34.6



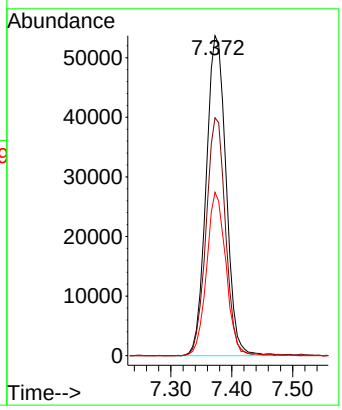


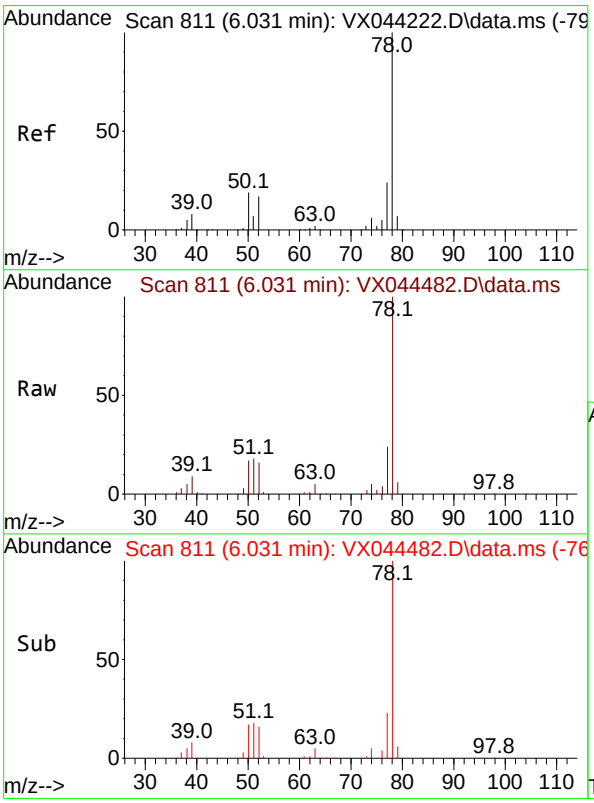
#39
Methylcyclohexane
Concen: 53.090 ug/l
RT: 7.372 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion: 83 Resp: 122149

Ion	Ratio	Lower	Upper
83	100		
55	74.3	60.7	91.1
98	51.0	38.9	58.3

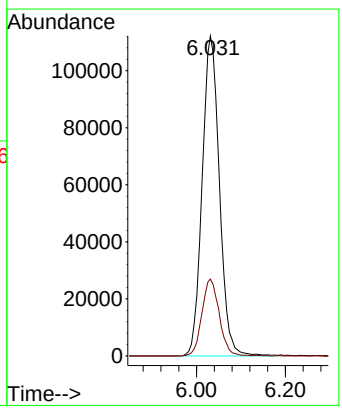


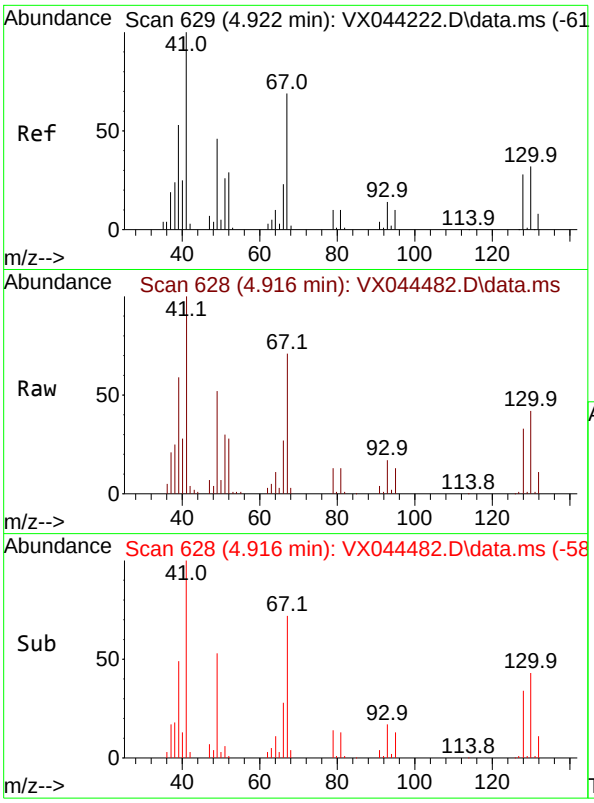


#40
Benzene
Concen: 51.956 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 78 Resp: 303599

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.3	28.9



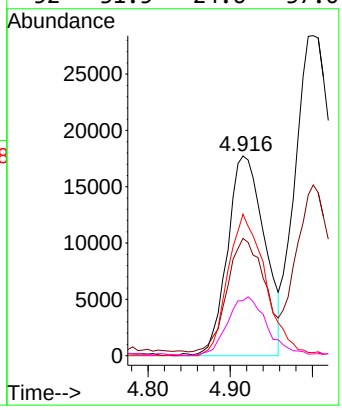


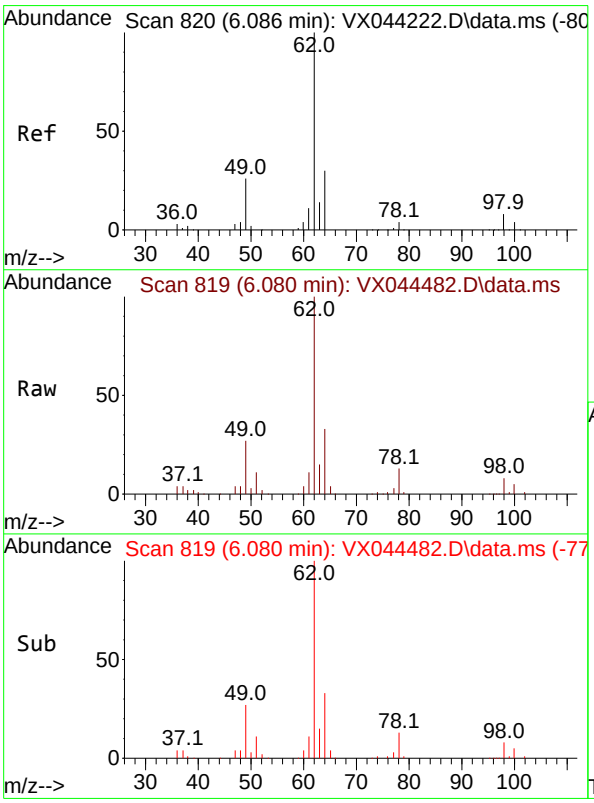
#41
Methacrylonitrile
Concen: 44.029 ug/l
RT: 4.916 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion: 41 Resp: 55620

Ion	Ratio	Lower	Upper
41	100		
39	57.3	44.2	66.4
67	72.2	57.2	85.8
52	31.5	24.6	37.0

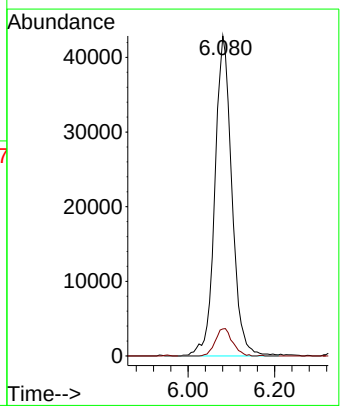


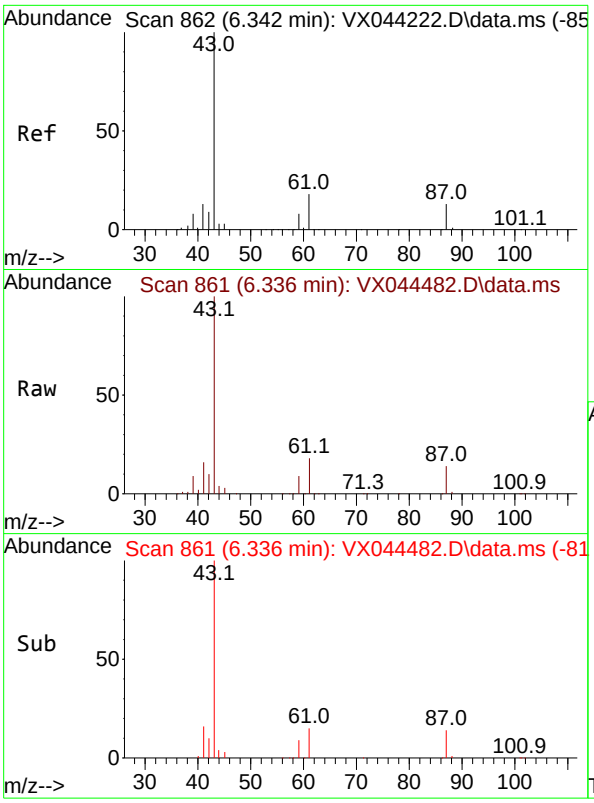


#42
1,2-Dichloroethane
Concen: 48.622 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 62 Resp: 117037

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	15.8



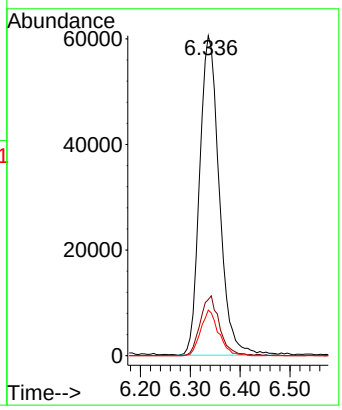


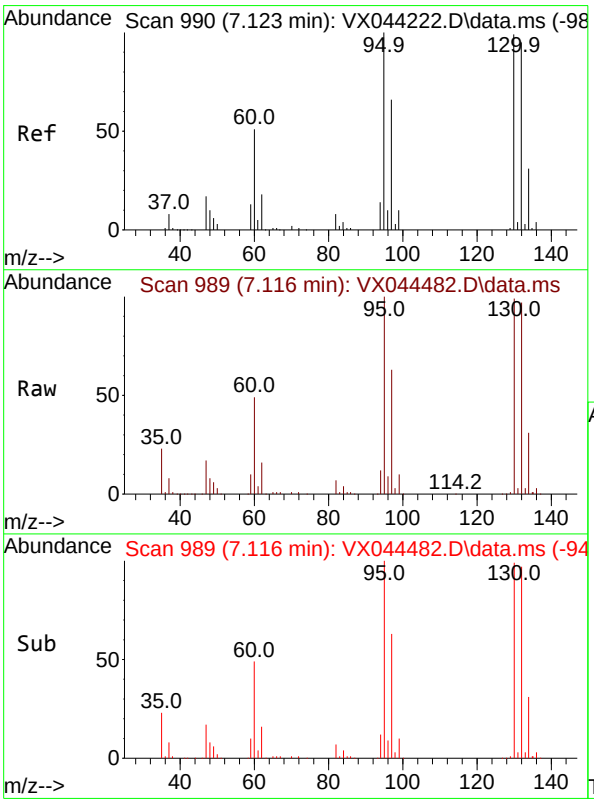
#43
Isopropyl Acetate
Concen: 44.526 ug/l
RT: 6.336 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion: 43 Resp: 165564

Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.2	21.2
87	13.1	10.2	15.2

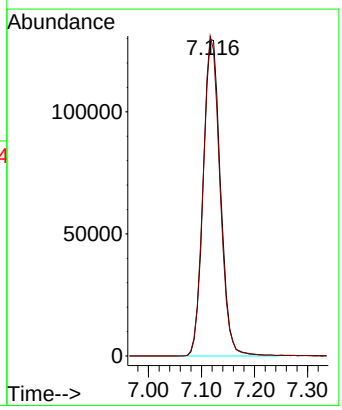


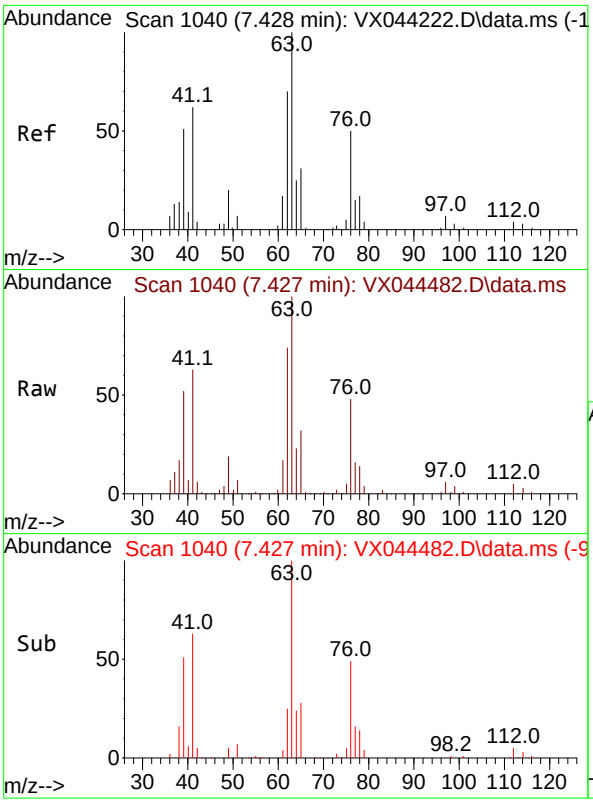


#44
Trichloroethene
Concen: 201.214 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:130 Resp: 293203

Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	201.4



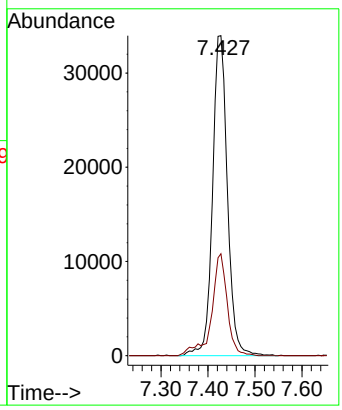


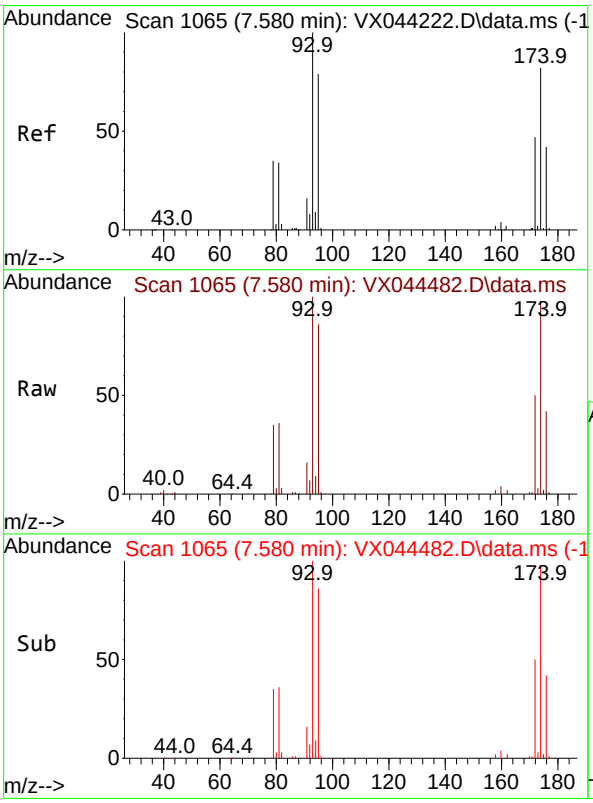
#45
1,2-Dichloropropane
Concen: 50.000 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion: 63 Resp: 74644

Ion	Ratio	Lower	Upper
63	100		
65	31.8	24.6	37.0

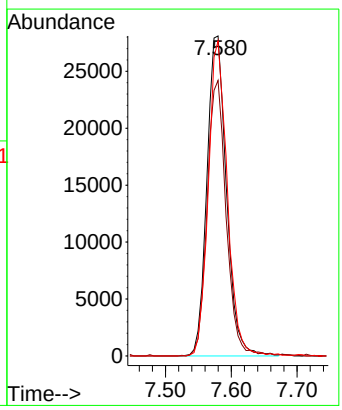


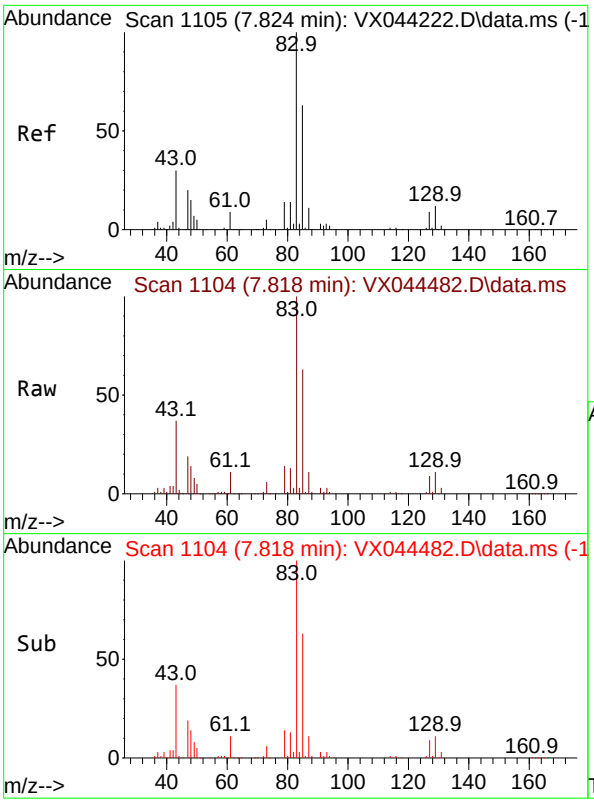


#46
Dibromomethane
Concen: 50.168 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 93 Resp: 58103

Ion	Ratio	Lower	Upper
93	100		
95	84.0	65.4	98.2
174	95.6	67.9	101.9



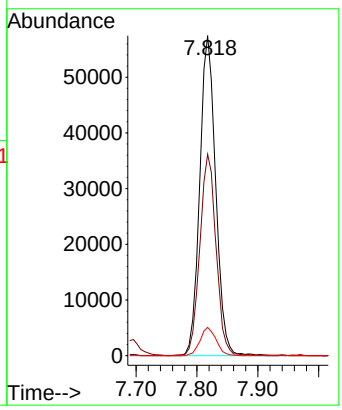


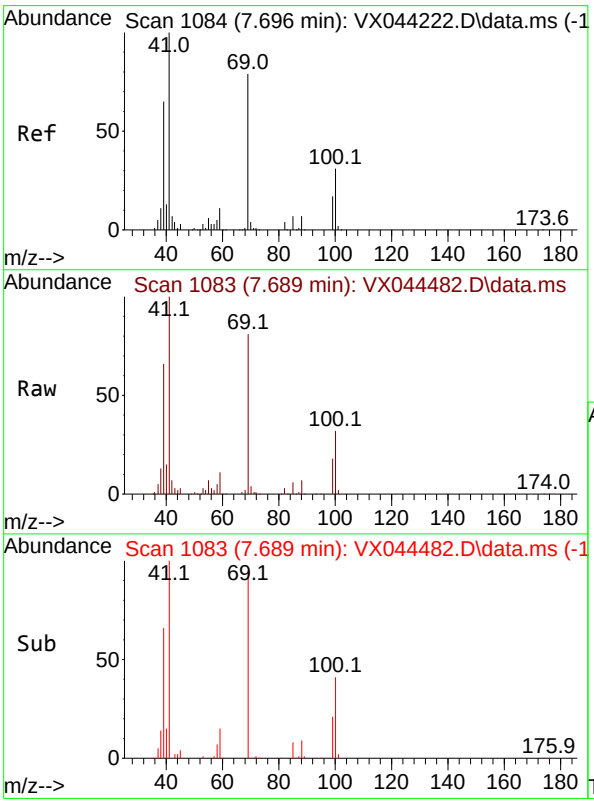
#47
Bromodichloromethane
Concen: 52.323 ug/l
RT: 7.818 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion: 83 Resp: 104657

Ion	Ratio	Lower	Upper
83	100		
85	62.9	50.6	75.8
127	8.8	7.3	10.9

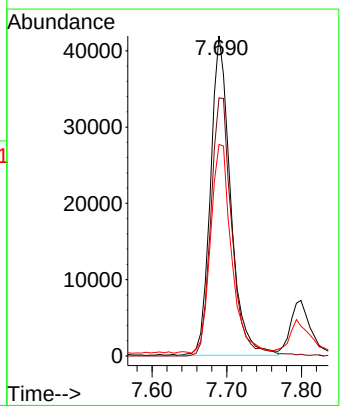


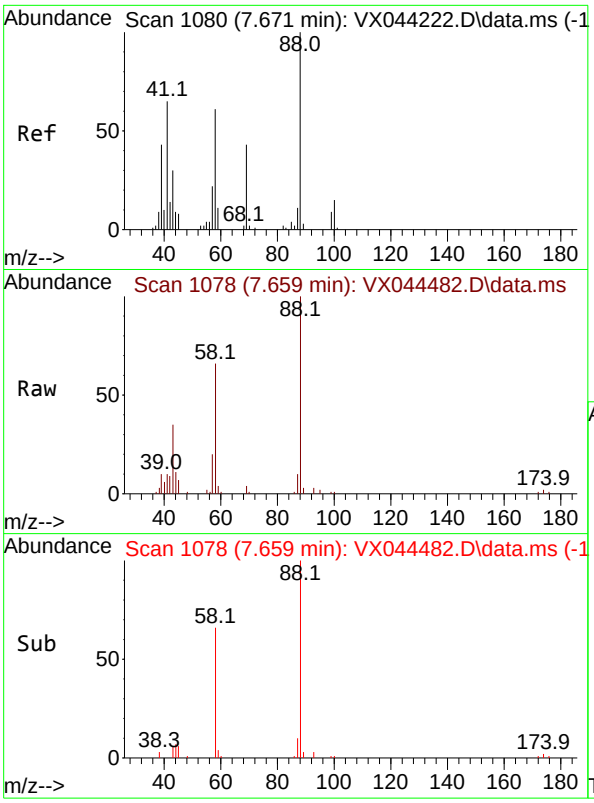


#48
Methyl methacrylate
Concen: 43.344 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 41 Resp: 78236

Ion	Ratio	Lower	Upper
41	100		
69	84.8	62.4	93.6
39	68.1	53.3	79.9



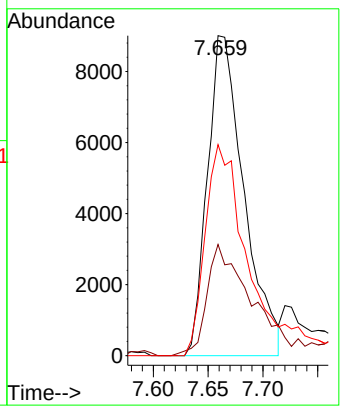


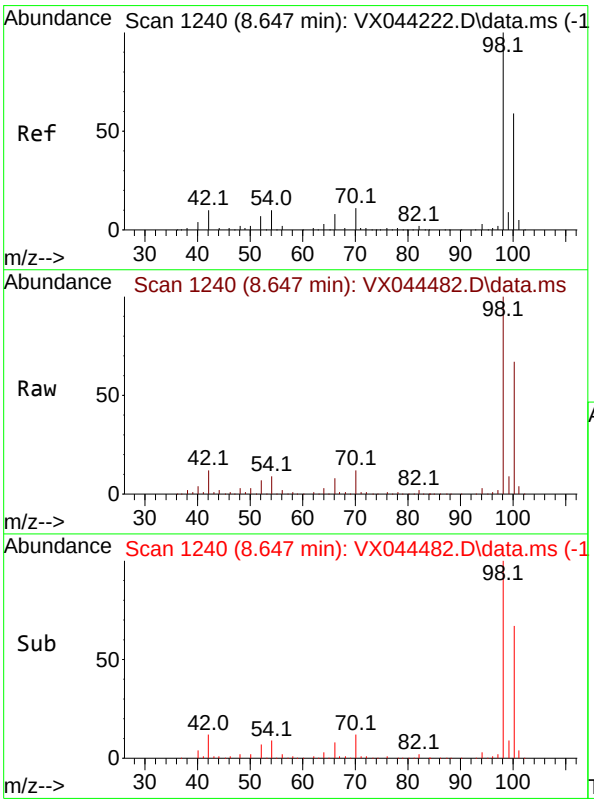
#49
1,4-Dioxane
Concen: 698.520 ug/l
RT: 7.659 min Scan# 1
Delta R.T. -0.012 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion: 88 Resp: 20904

Ion	Ratio	Lower	Upper
88	100		
43	41.3	27.1	40.7#
58	78.7	41.0	61.4#

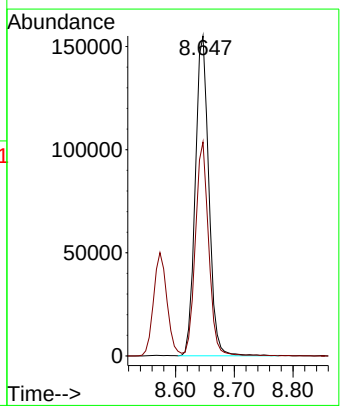


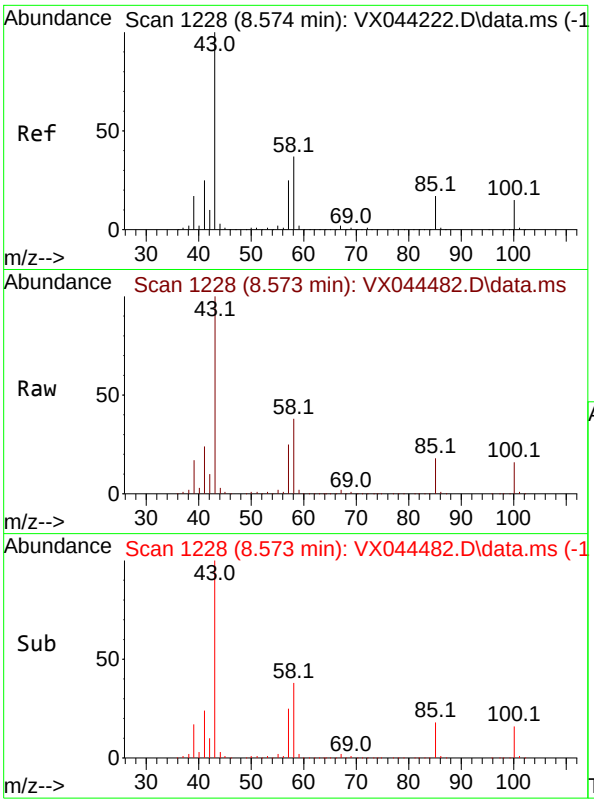


#50
Toluene-d8
Concen: 49.420 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 98 Resp: 248239

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.5	77.3



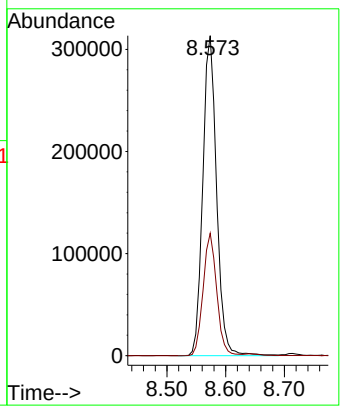


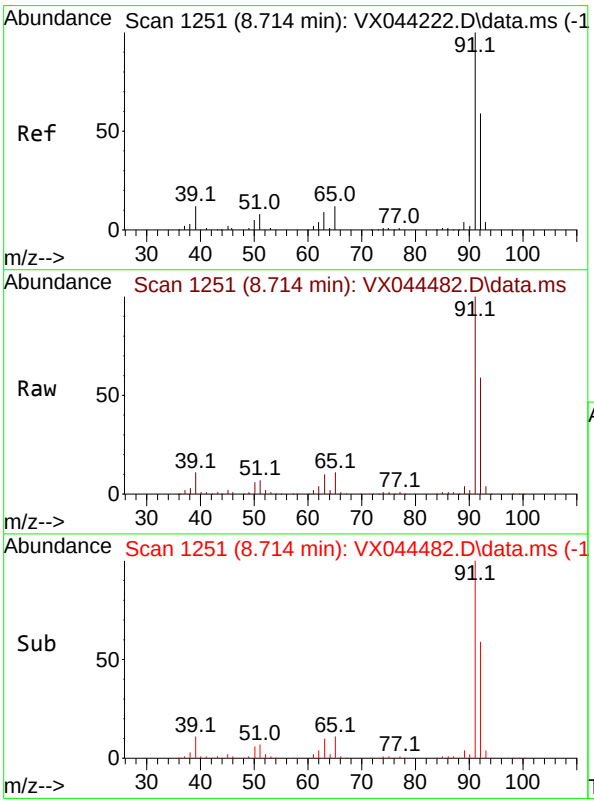
#51
4-Methyl-2-Pentanone
Concen: 214.085 ug/l
RT: 8.573 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion: 43 Resp: 511840

Ion	Ratio	Lower	Upper
43	100		
58	37.7	29.4	44.0

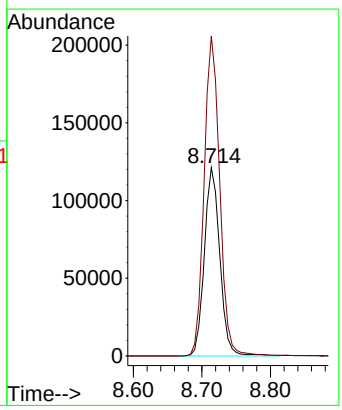


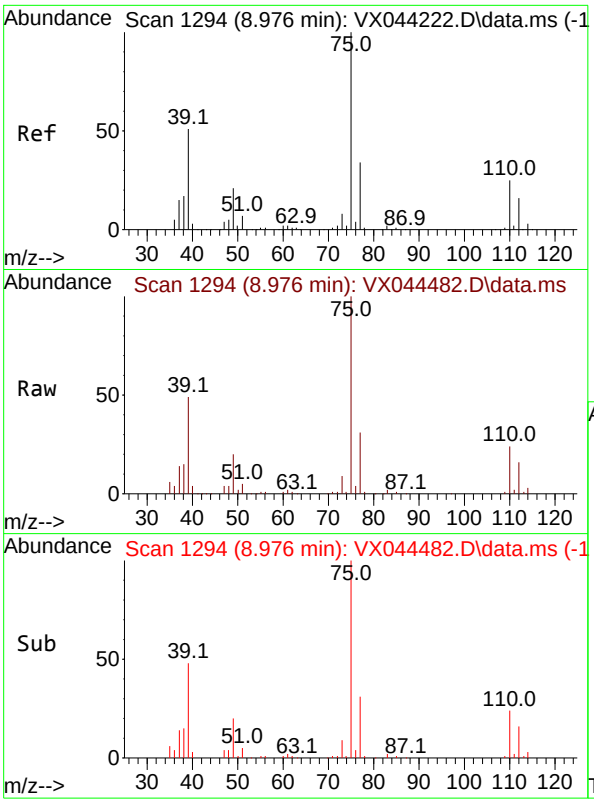


#52
Toluene
Concen: 51.886 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 92 Resp: 190396

Ion	Ratio	Lower	Upper
92	100		
91	171.5	137.0	205.6



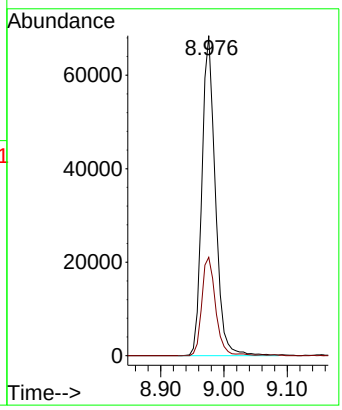


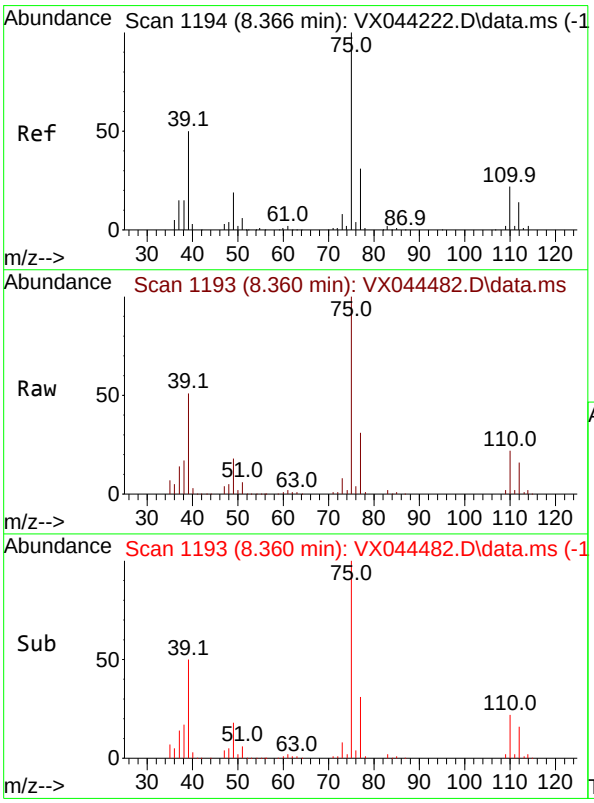
#53
t-1,3-Dichloropropene
Concen: 47.332 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion: 75 Resp: 101232

Ion	Ratio	Lower	Upper
75	100		
77	30.7	27.2	40.8

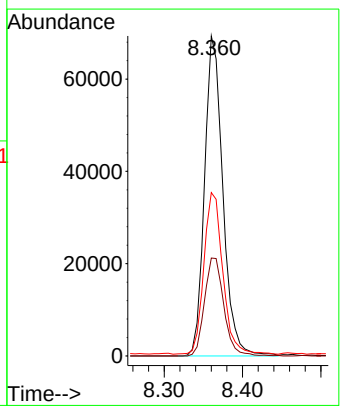


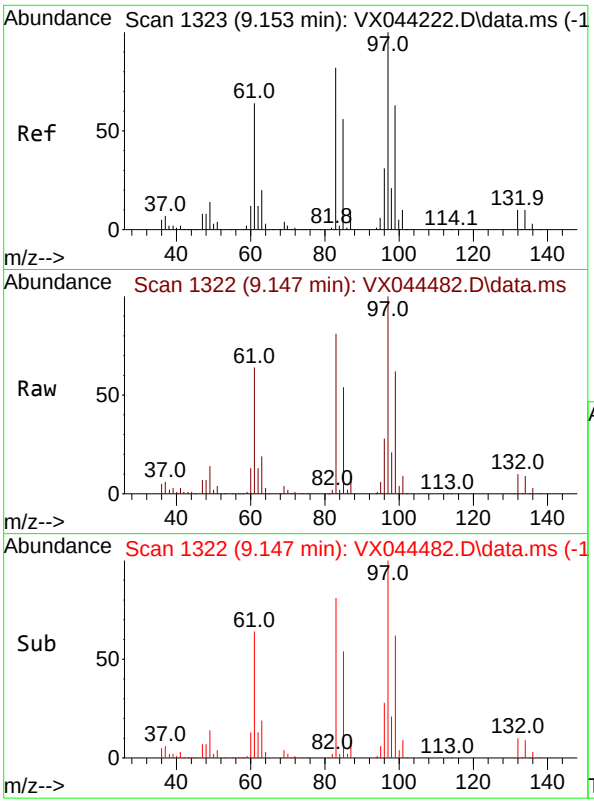


#54
cis-1,3-Dichloropropene
Concen: 51.747 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 75 Resp: 112700

Ion	Ratio	Lower	Upper
75	100		
77	30.6	24.7	37.1
39	50.5	40.3	60.5



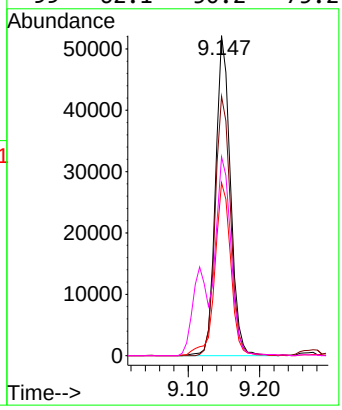


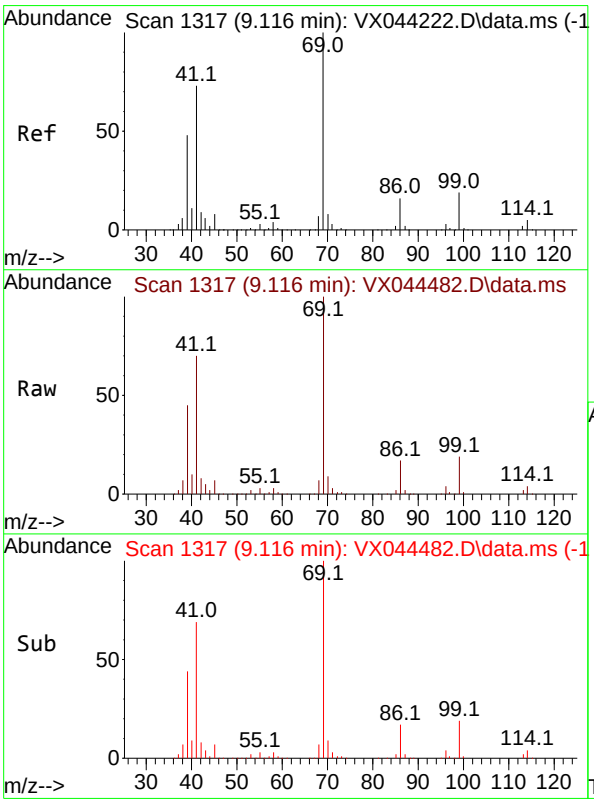
#55
1,1,2-Trichloroethane
Concen: 51.783 ug/l
RT: 9.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion: 97 Resp: 75487

Ion	Ratio	Lower	Upper
97	100		
83	81.1	65.3	97.9
85	54.1	44.6	67.0
99	62.1	50.2	75.2

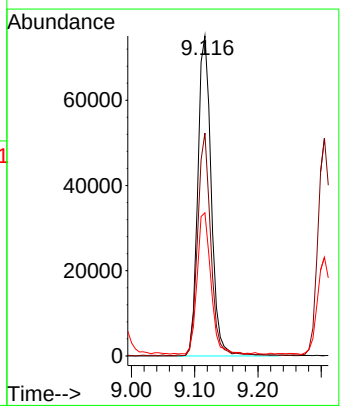


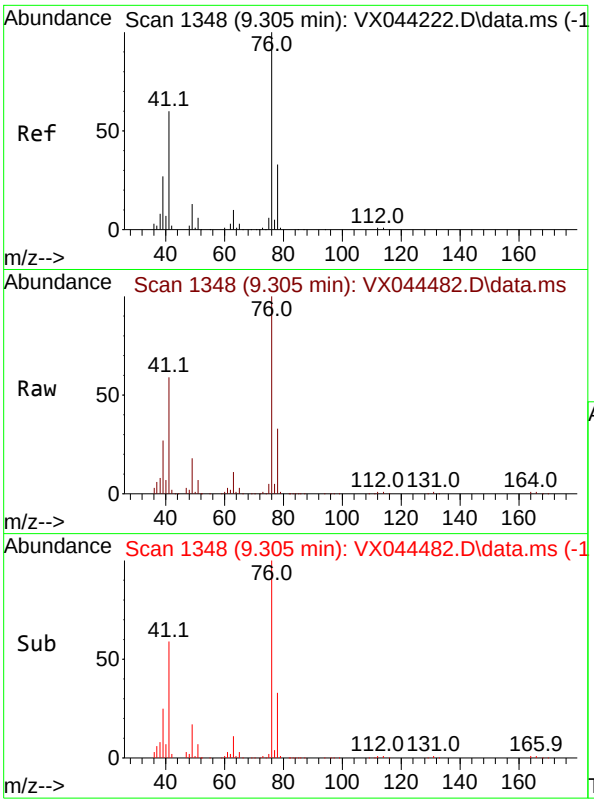


#56
Ethyl methacrylate
Concen: 48.446 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 69 Resp: 111491

Ion	Ratio	Lower	Upper
69	100		
41	67.4	56.6	85.0
39	44.6	37.4	56.0



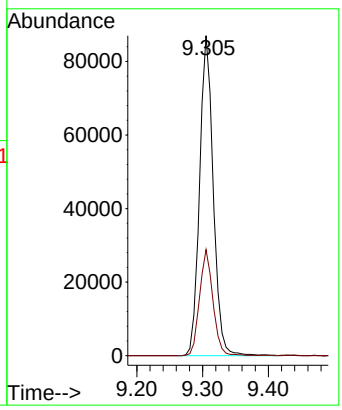


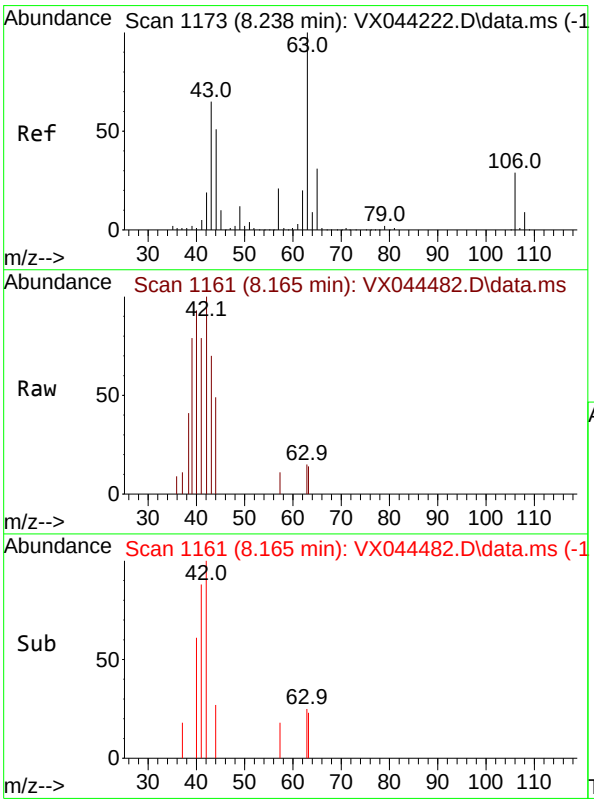
#57
1,3-Dichloropropane
Concen: 49.489 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion: 76 Resp: 125572

Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.5	39.7

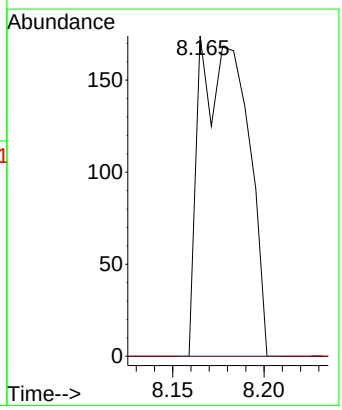


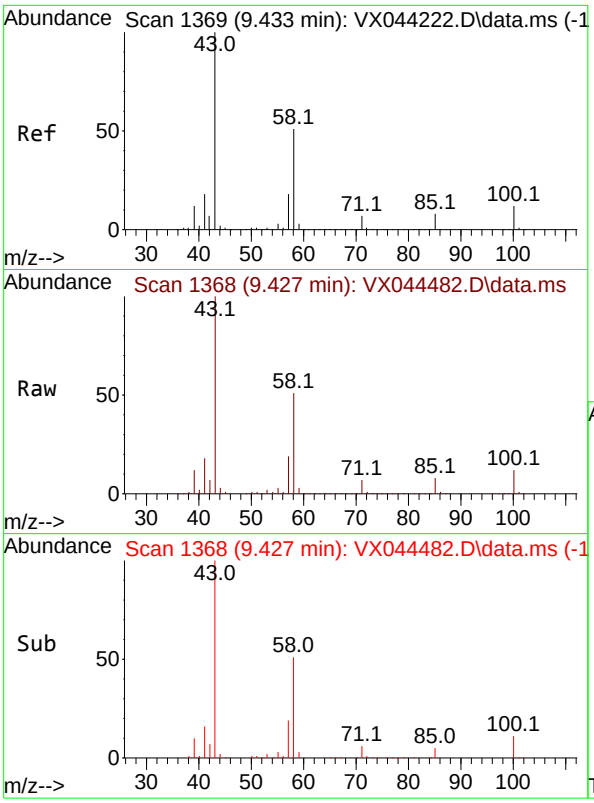


#58
2-Chloroethyl Vinyl ether
Concen: 0.271 ug/l
RT: 8.165 min Scan# 1161
Delta R.T. -0.073 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 63 Resp: 315

Ion	Ratio	Lower	Upper
63	100		
106	0.0	22.8	34.2#



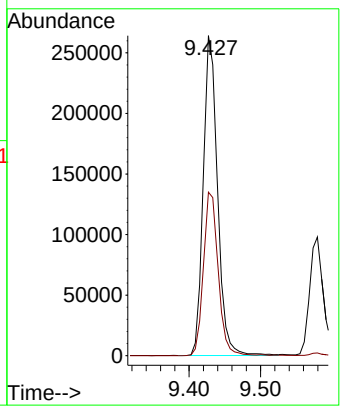


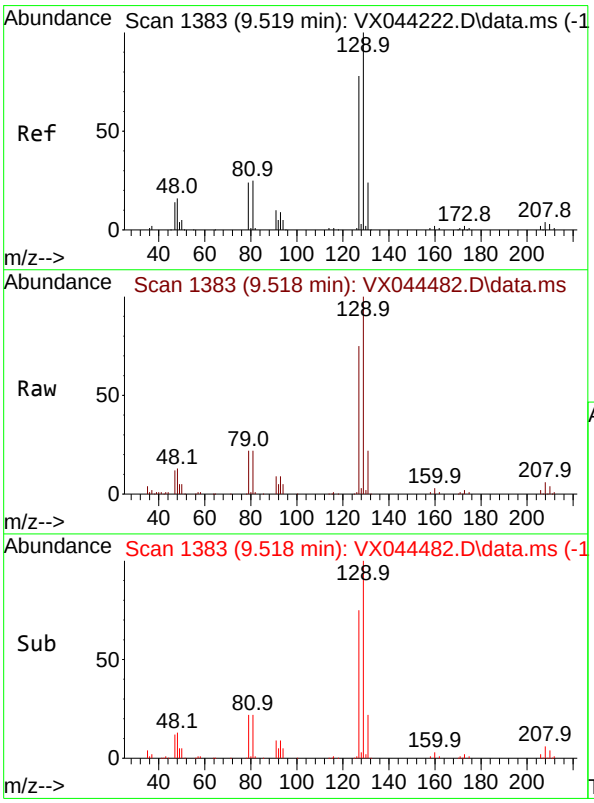
#59
2-Hexanone
Concen: 212.014 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion: 43 Resp: 366899

Ion	Ratio	Lower	Upper
43	100		
58	52.9	25.7	77.0

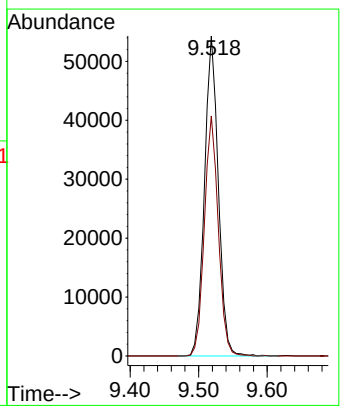


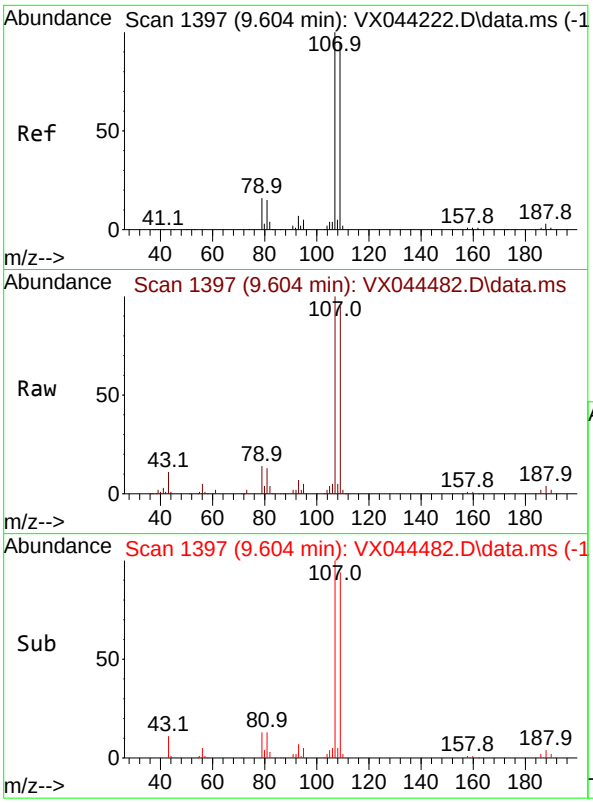


#60
Dibromochloromethane
Concen: 49.544 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:129 Resp: 76435

Ion	Ratio	Lower	Upper
129	100		
127	75.3	38.5	115.3



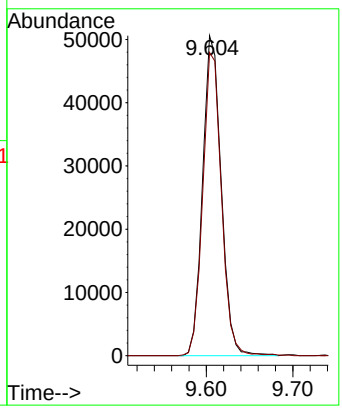


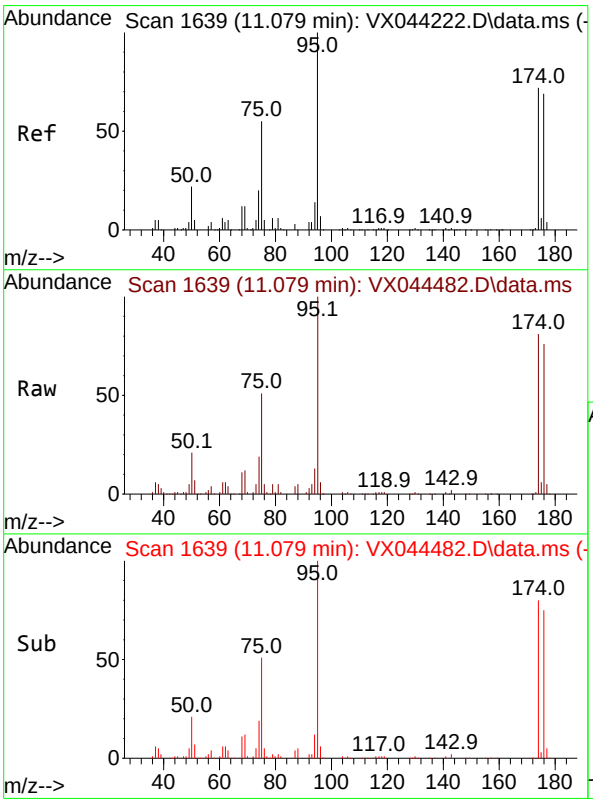
#61
1,2-Dibromoethane
Concen: 50.865 ug/l
RT: 9.604 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion:107 Resp: 75476

Ion	Ratio	Lower	Upper
107	100		
109	95.1	77.0	115.4

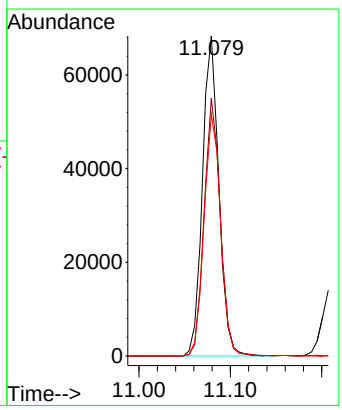


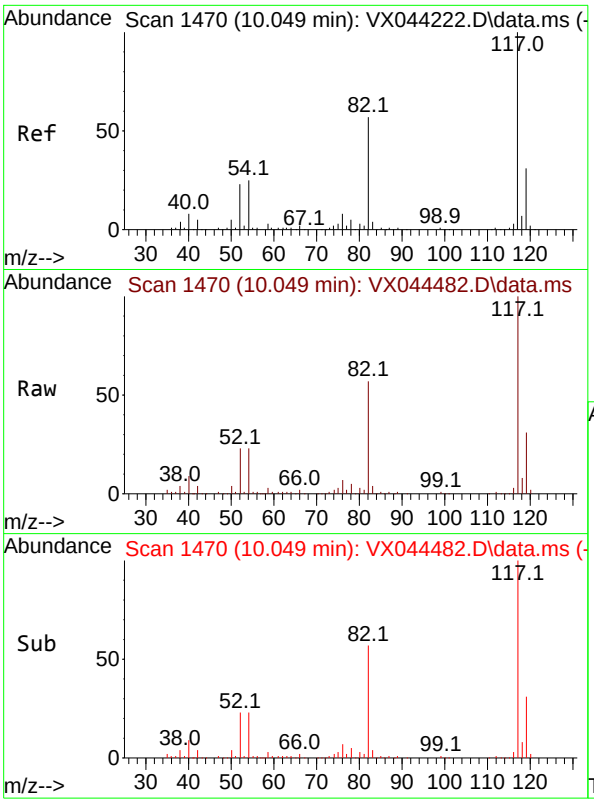


#62
4-Bromofluorobenzene
Concen: 48.298 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 95 Resp: 84771

Ion	Ratio	Lower	Upper
95	100		
174	79.6	0.0	145.8
176	76.9	0.0	137.8



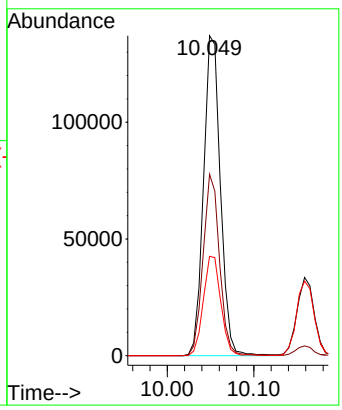


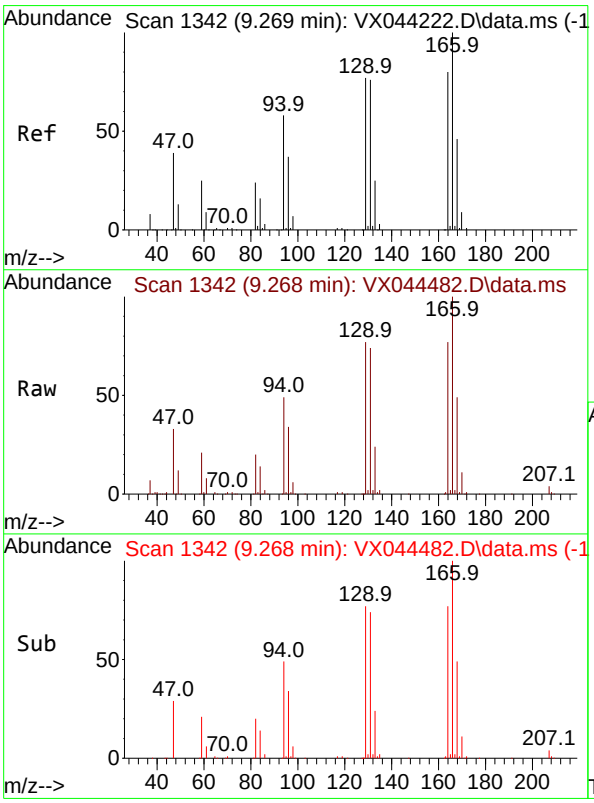
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion:117 Resp: 185795

Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.8	68.8
119	31.0	25.0	37.4

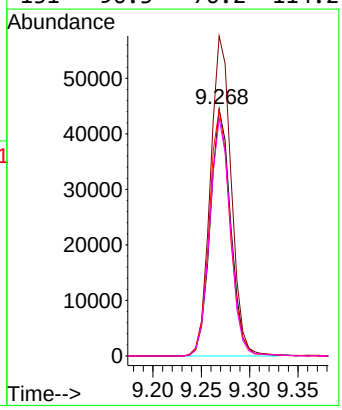


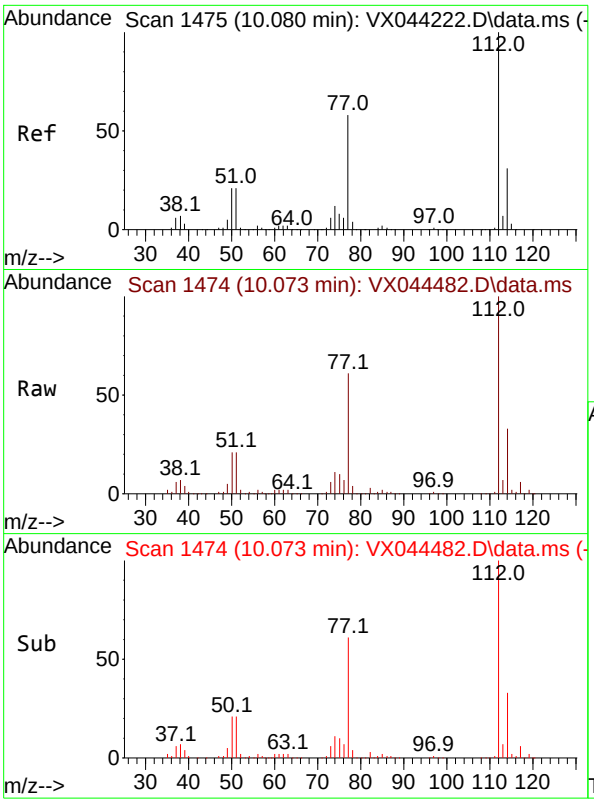


#64
Tetrachloroethene
Concen: 53.284 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:164 Resp: 65707

Ion	Ratio	Lower	Upper
164	100		
166	129.6	100.4	150.6
129	99.8	77.2	115.8
131	96.3	76.2	114.2



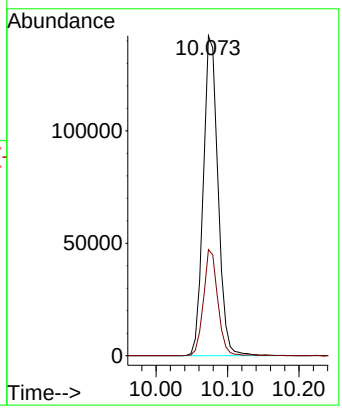


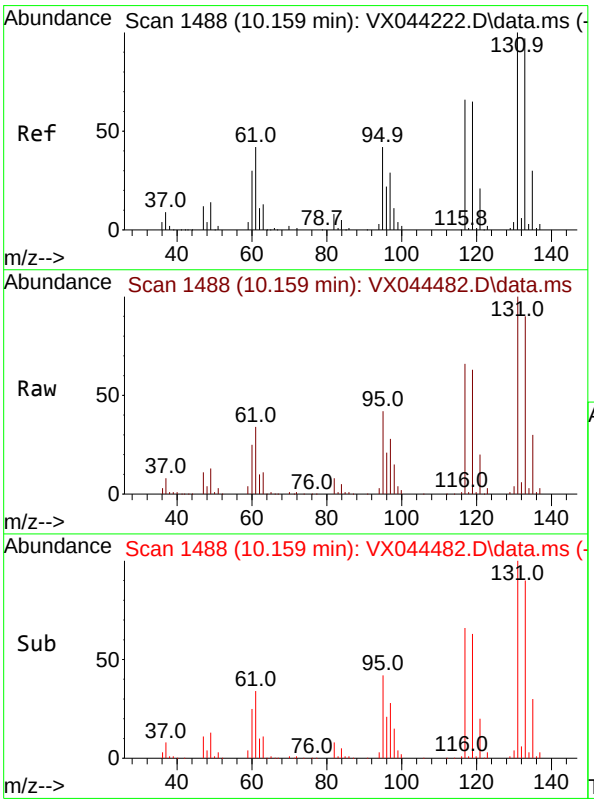
#65
Chlorobenzene
Concen: 51.183 ug/l
RT: 10.073 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion:112 Resp: 203767

Ion	Ratio	Lower	Upper
112	100		
114	33.2	25.0	37.6

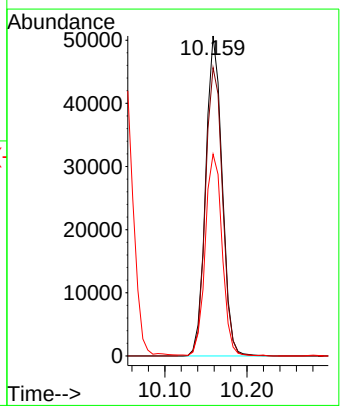


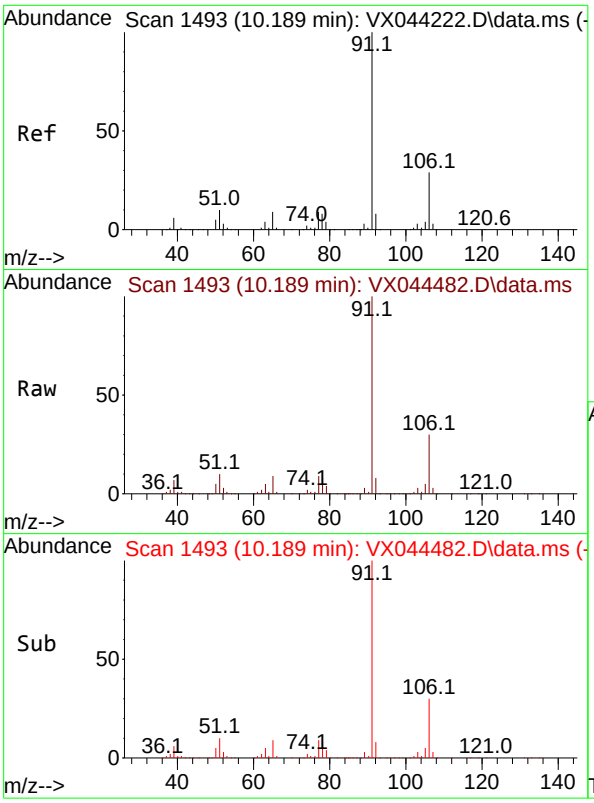


#66
1,1,1,2-Tetrachloroethane
Concen: 55.093 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:131 Resp: 70491

Ion	Ratio	Lower	Upper
131	100		
133	93.2	47.3	141.8
119	64.6	31.6	95.0



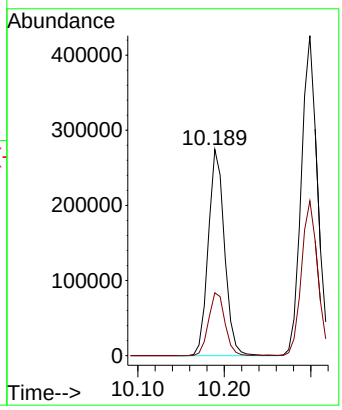


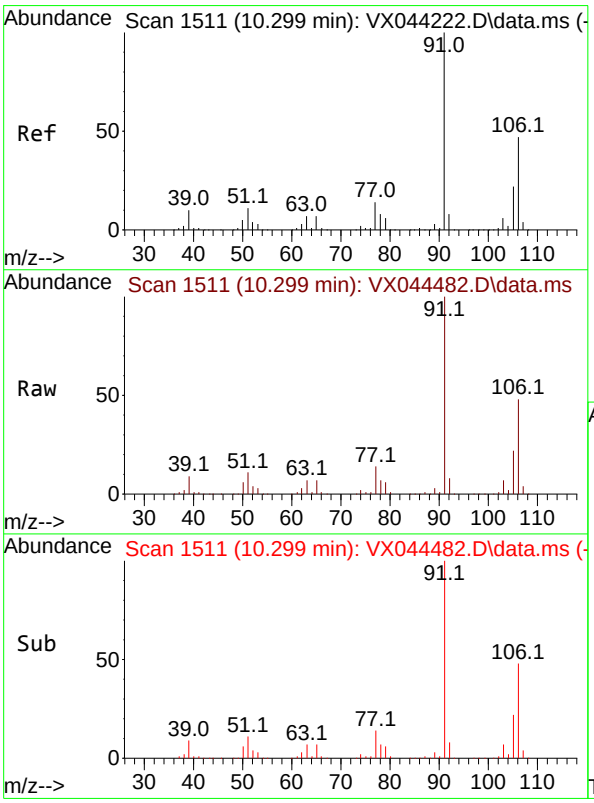
#67
Ethyl Benzene
Concen: 51.930 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion: 91 Resp: 357217

Ion	Ratio	Lower	Upper
91	100		
106	30.5	23.5	35.3

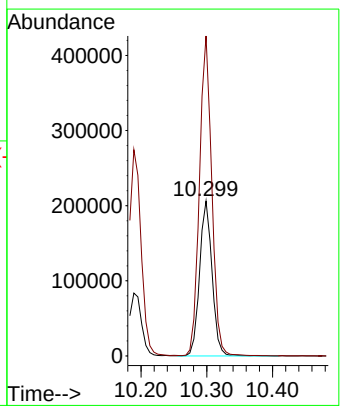


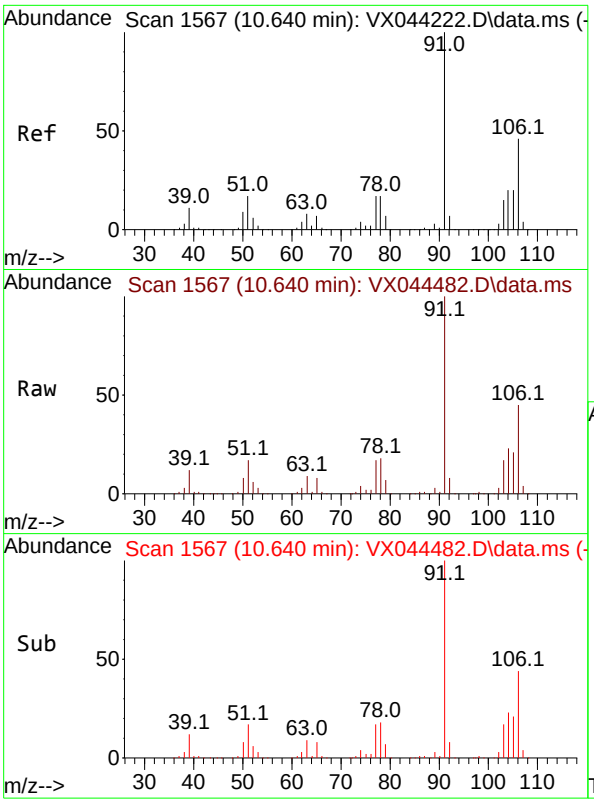


#68
m/p-Xylenes
Concen: 107.287 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:106 Resp: 270804

Ion	Ratio	Lower	Upper
106	100		
91	204.6	170.2	255.2



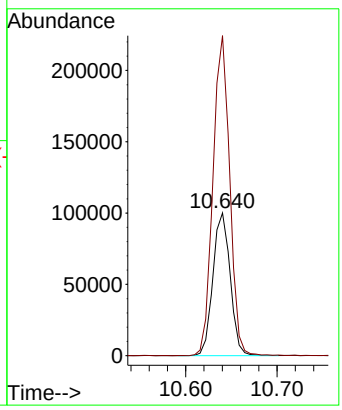


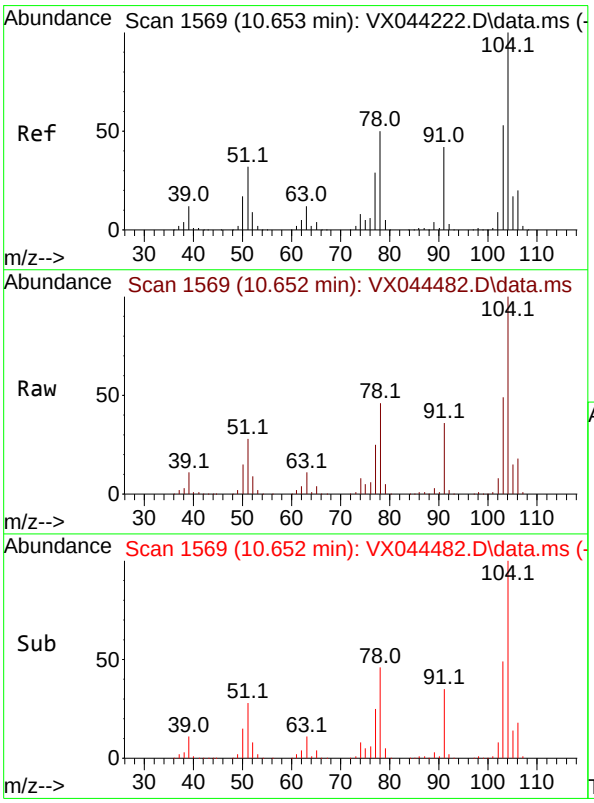
#69
o-Xylene
Concen: 51.491 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion:106 Resp: 131502

Ion	Ratio	Lower	Upper
106	100		
91	217.7	112.3	337.0

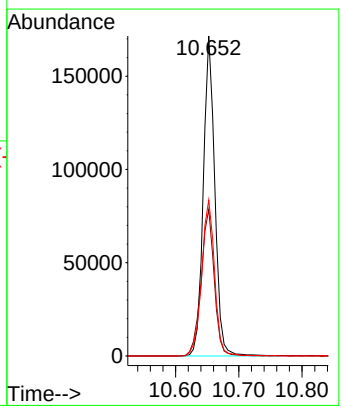


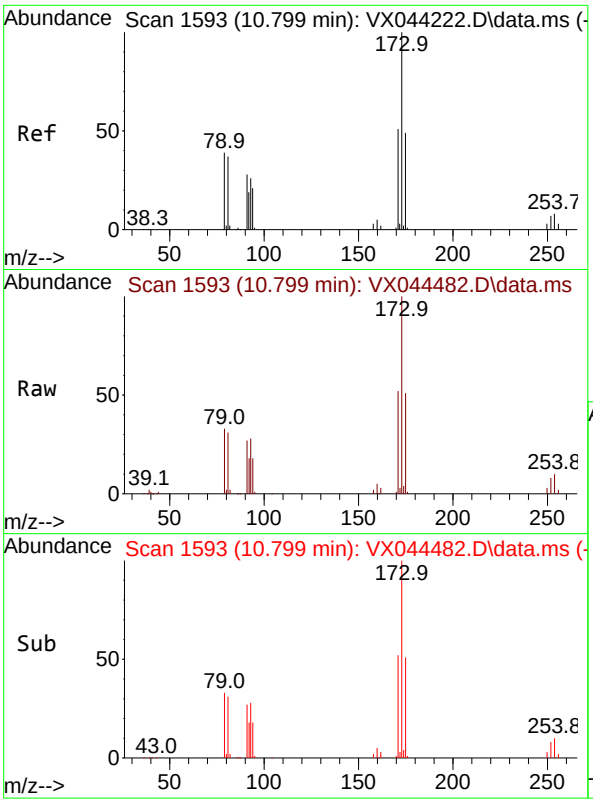


#70
Styrene
Concen: 53.180 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:104 Resp: 217725

Ion	Ratio	Lower	Upper
104	100		
78	52.1	44.6	67.0
103	54.6	45.4	68.0



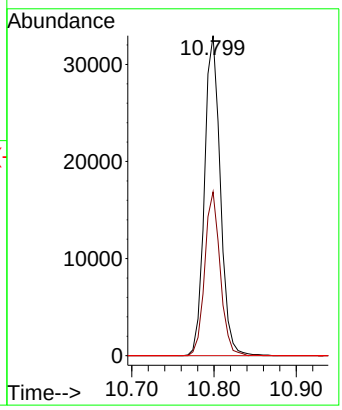


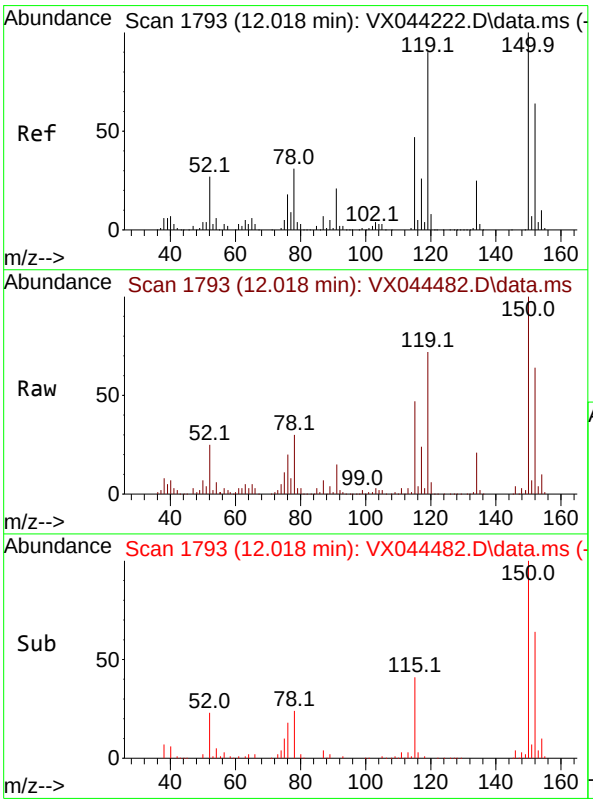
#71
Bromoform
Concen: 49.400 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion:173 Resp: 44095

Ion	Ratio	Lower	Upper
173	100		
175	49.9	23.8	71.4
254	0.0	0.0	0.0

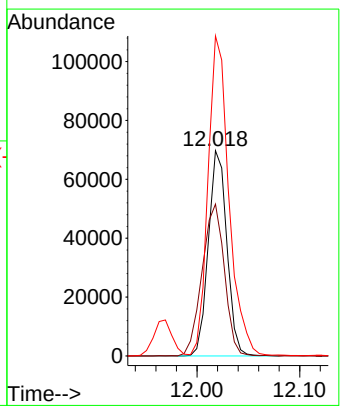


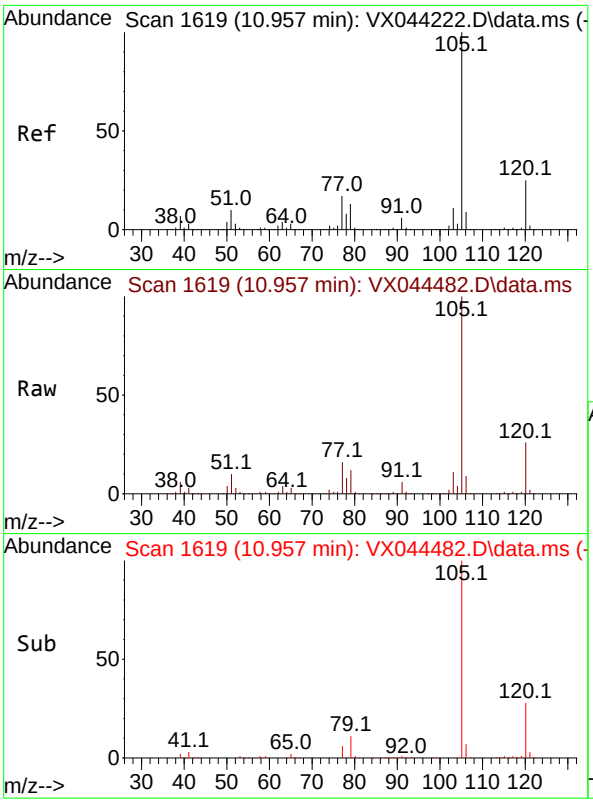


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:152 Resp: 87327

Ion	Ratio	Lower	Upper
152	100		
115	89.3	44.5	133.3
150	175.4	0.0	353.8



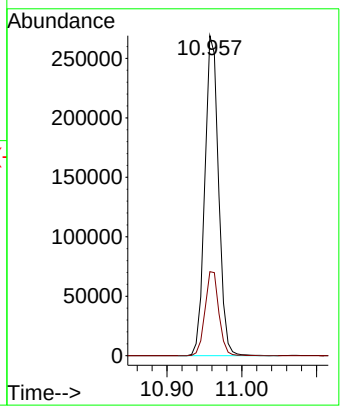


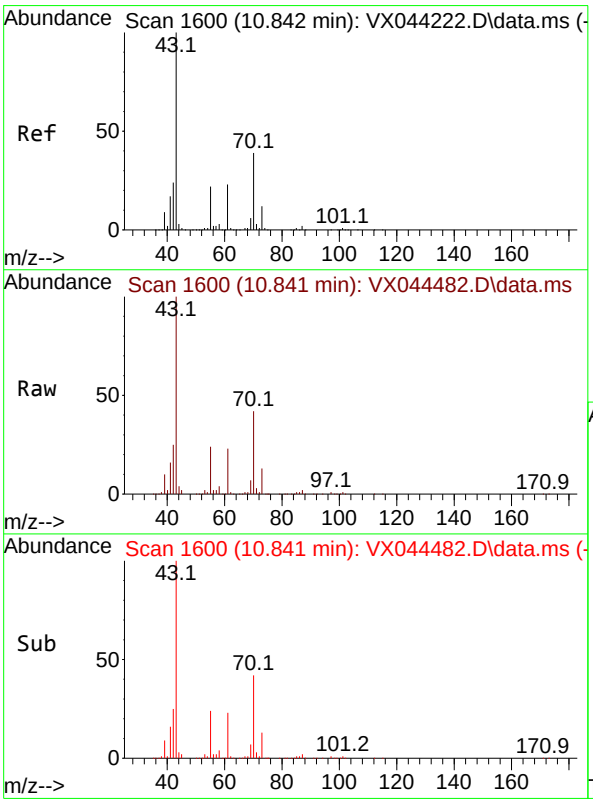
#73
Isopropylbenzene
Concen: 51.357 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion:105 Resp: 343334

Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.1	39.3

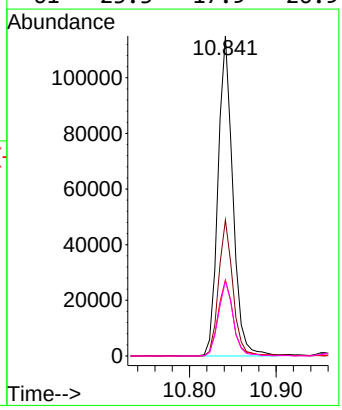


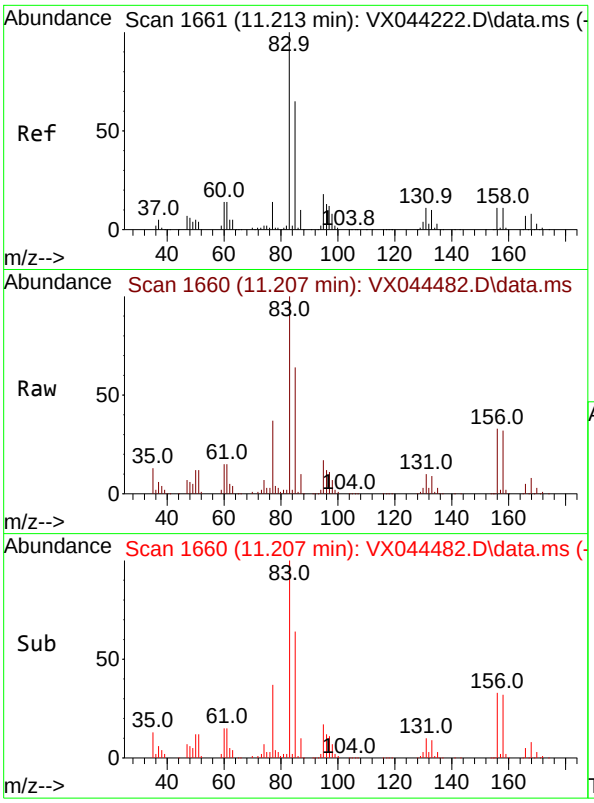


#74
N-amyl acetate
Concen: 44.161 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 43 Resp: 136439

Ion	Ratio	Lower	Upper
43	100		
70	41.1	31.9	47.9
55	24.7	17.9	26.9
61	23.3	17.9	26.9



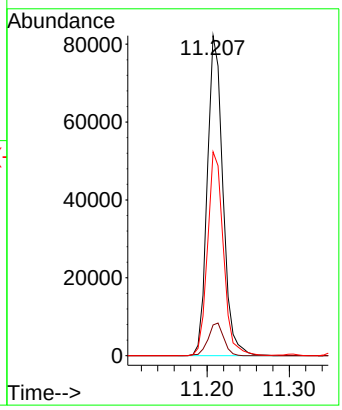


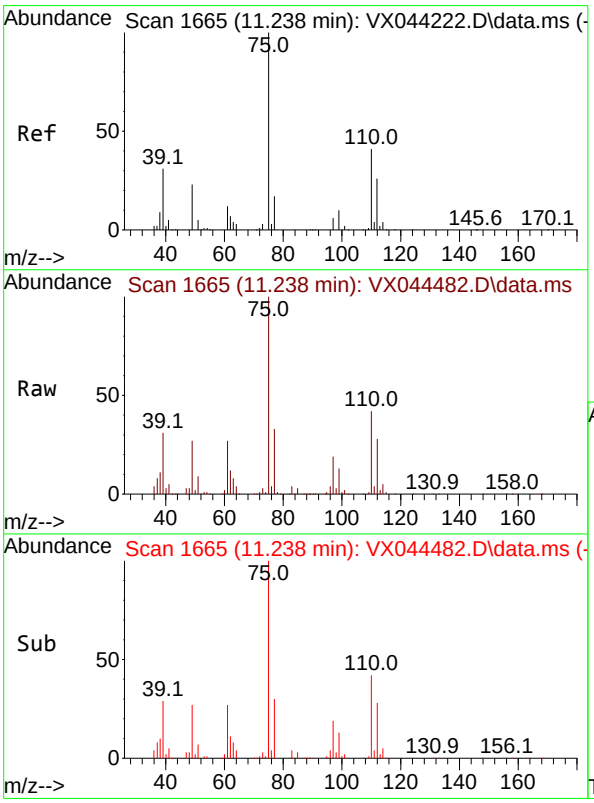
#75
1,1,2,2-Tetrachloroethane
Concen: 46.447 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion: 83 Resp: 107849

Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.1	15.4
85	64.8	32.5	97.4

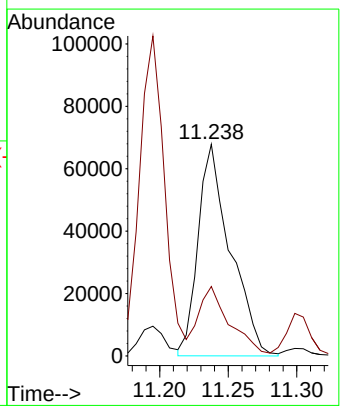


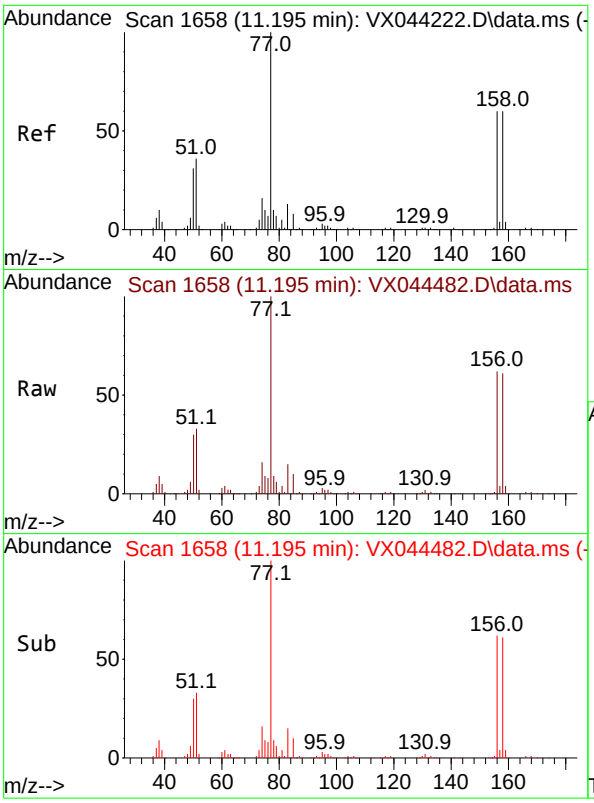


#76
1,2,3-Trichloropropane
Concen: 57.150 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 75 Resp: 111432

Ion	Ratio	Lower	Upper
75	100		
77	31.9	20.9	62.7



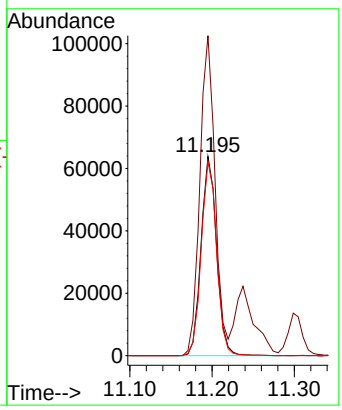


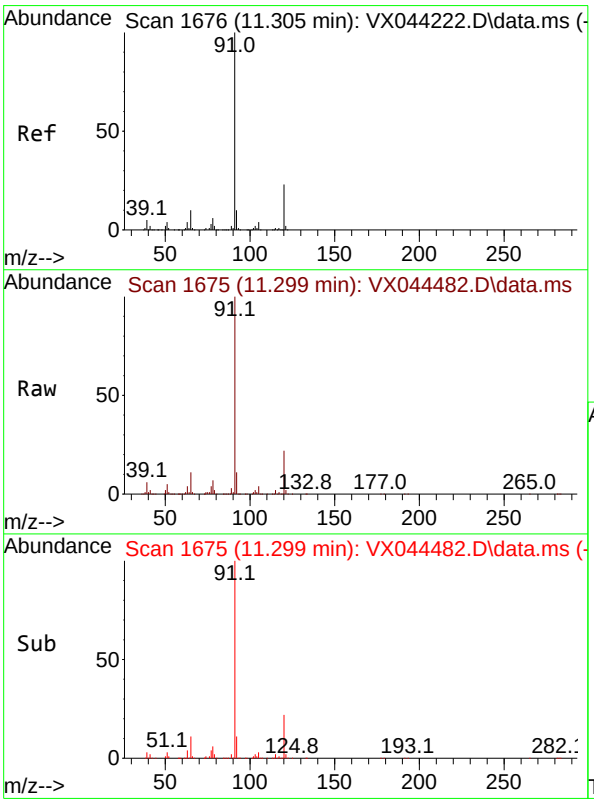
#77
Bromobenzene
Concen: 51.783 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion:156 Resp: 83947

Ion	Ratio	Lower	Upper
156	100		
77	156.7	82.6	247.8
158	96.3	48.8	146.4

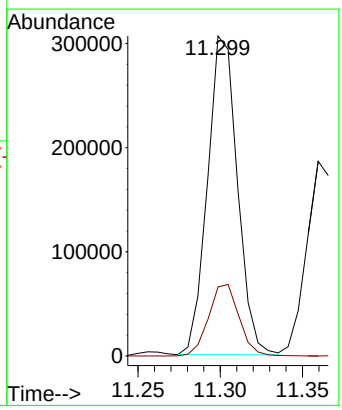


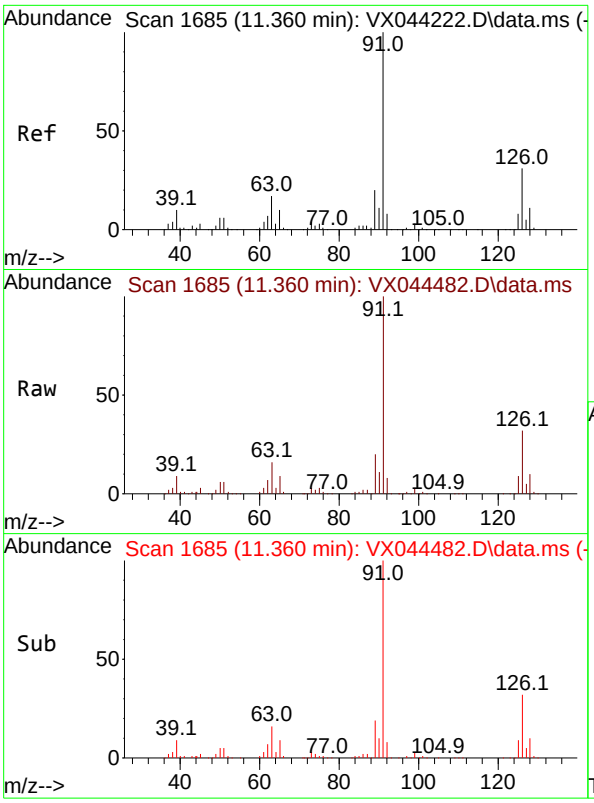


#78
n-propylbenzene
Concen: 52.409 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 91 Resp: 387249

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.0	33.0



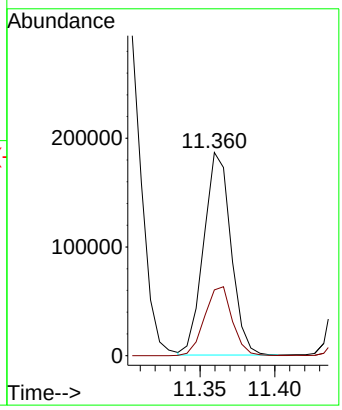


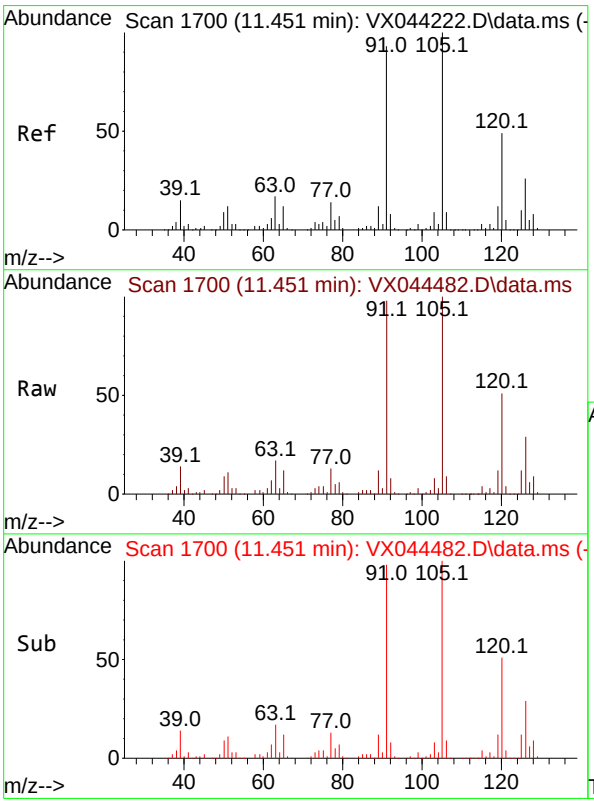
#79
2-Chlorotoluene
Concen: 49.469 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion: 91 Resp: 236393

Ion	Ratio	Lower	Upper
91	100		
126	34.5	16.4	49.1

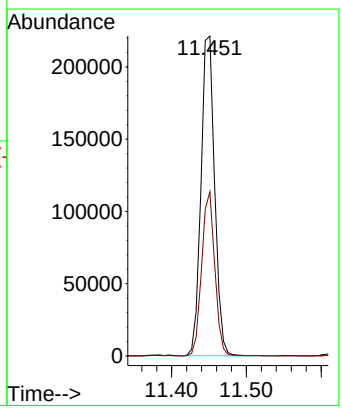


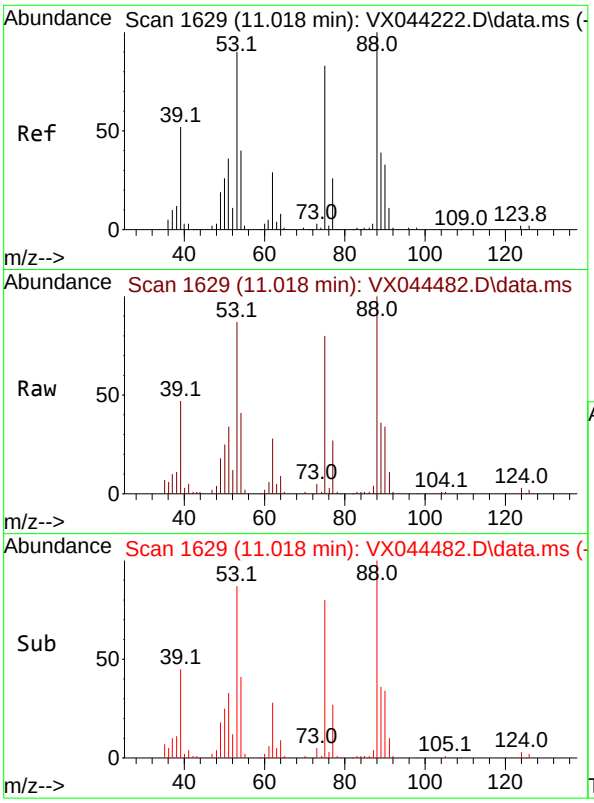


#80
1,3,5-Trimethylbenzene
Concen: 50.800 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:105 Resp: 281636

Ion	Ratio	Lower	Upper
105	100		
120	49.2	23.8	71.4



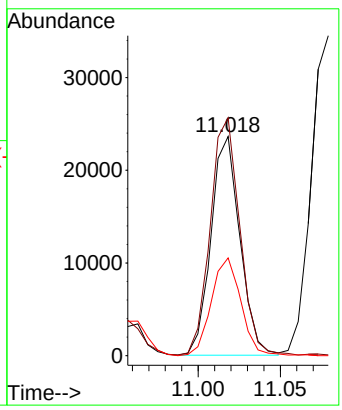


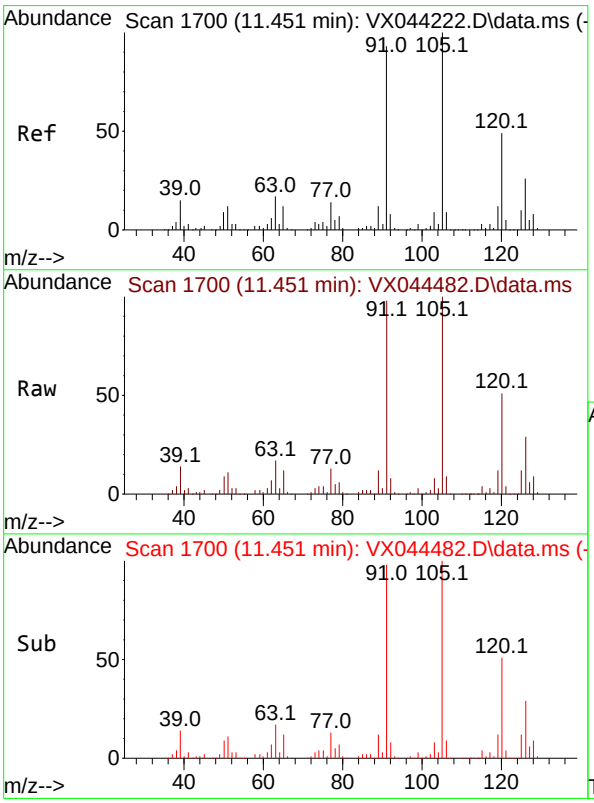
#81
trans-1,4-Dichloro-2-butene
Concen: 43.249 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion: 75 Resp: 28851

Ion	Ratio	Lower	Upper
75	100		
53	110.3	93.6	140.4
89	45.8	37.3	55.9

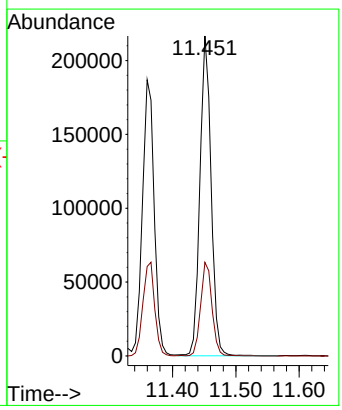


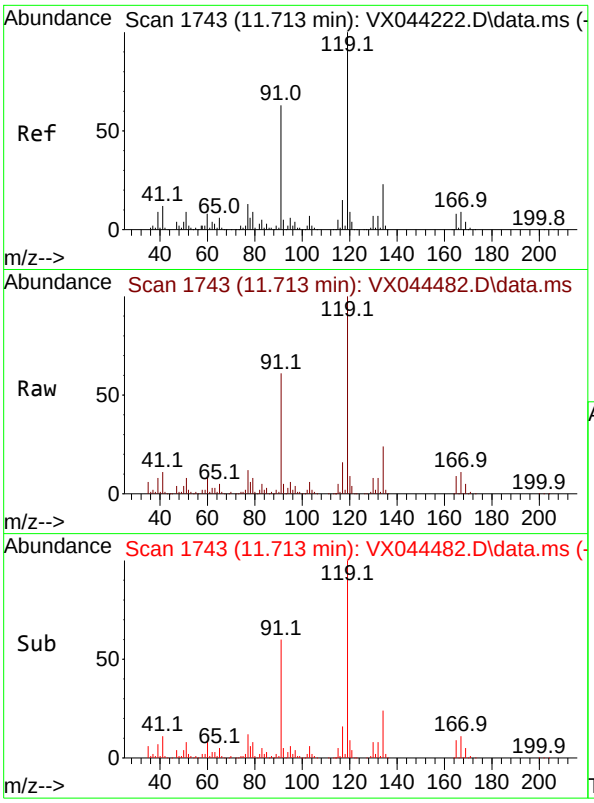


#82
4-Chlorotoluene
Concen: 50.323 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 91 Resp: 266294

Ion	Ratio	Lower	Upper
91	100		
126	29.9	14.5	43.5



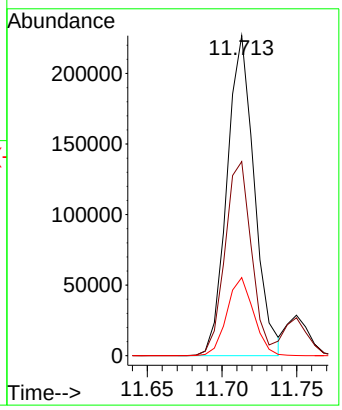


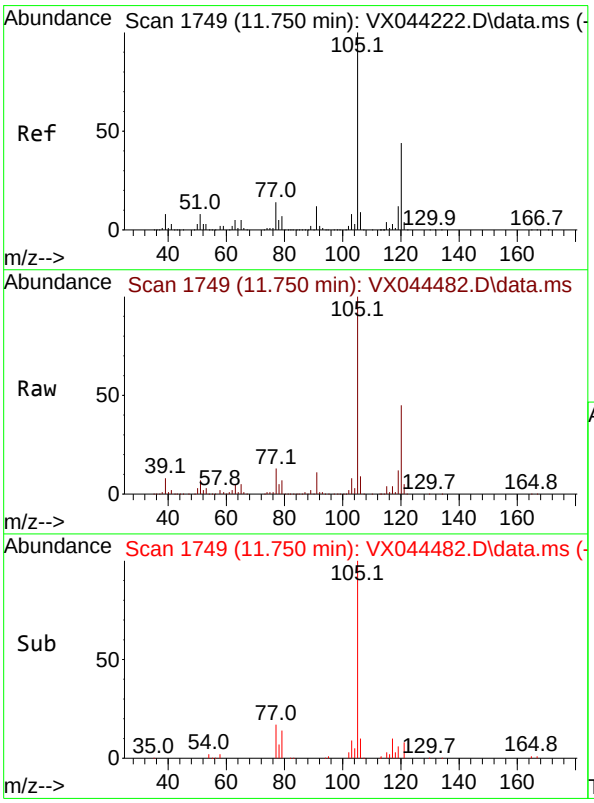
#83
tert-Butylbenzene
Concen: 52.567 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion:119 Resp: 288014

Ion	Ratio	Lower	Upper
119	100		
91	58.9	30.9	92.5
134	23.9	11.5	34.4

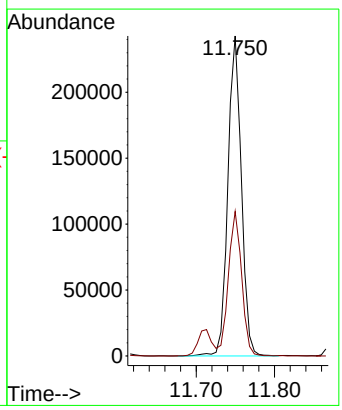


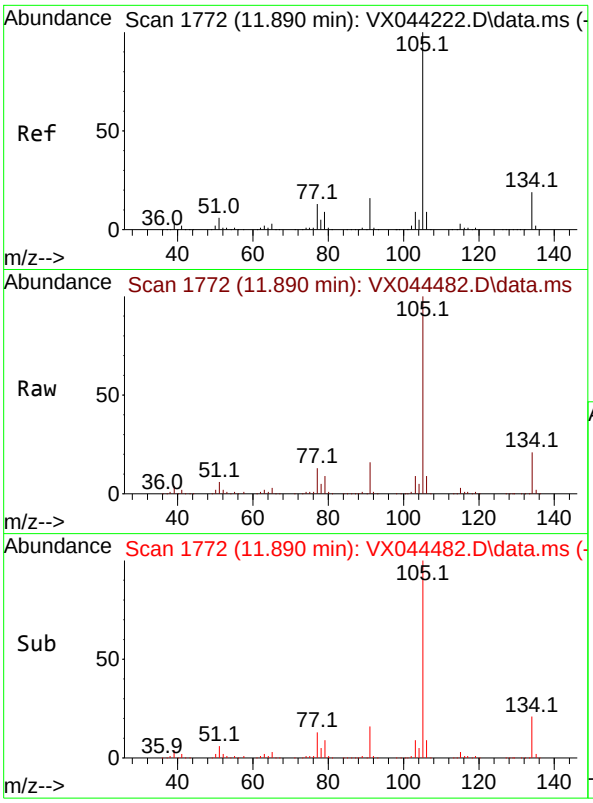


#84
1,2,4-Trimethylbenzene
Concen: 53.208 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:105 Resp: 289698

Ion	Ratio	Lower	Upper
105	100		
120	44.5	21.7	65.1



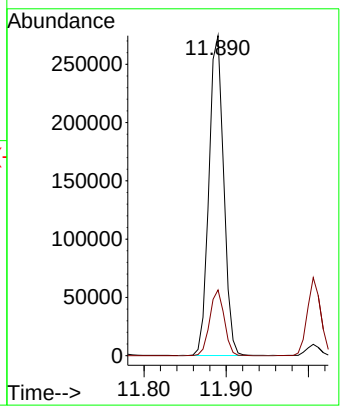


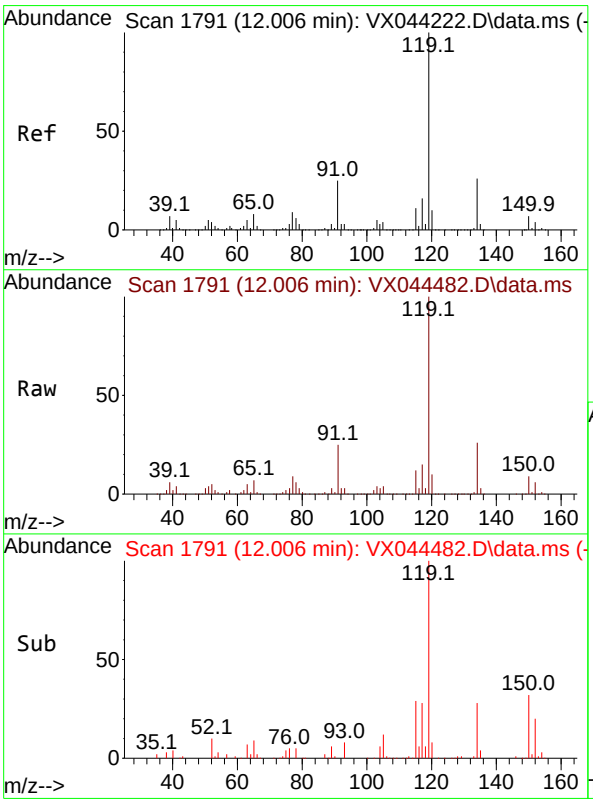
#85
sec-Butylbenzene
Concen: 51.464 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion:105 Resp: 342308

Ion	Ratio	Lower	Upper
105	100		
134	20.2	9.8	29.4

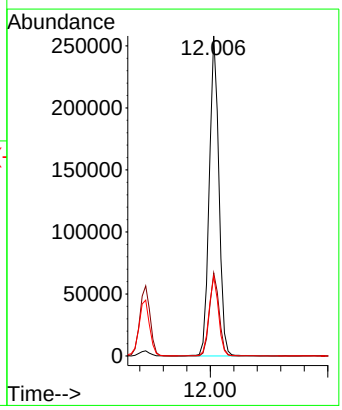


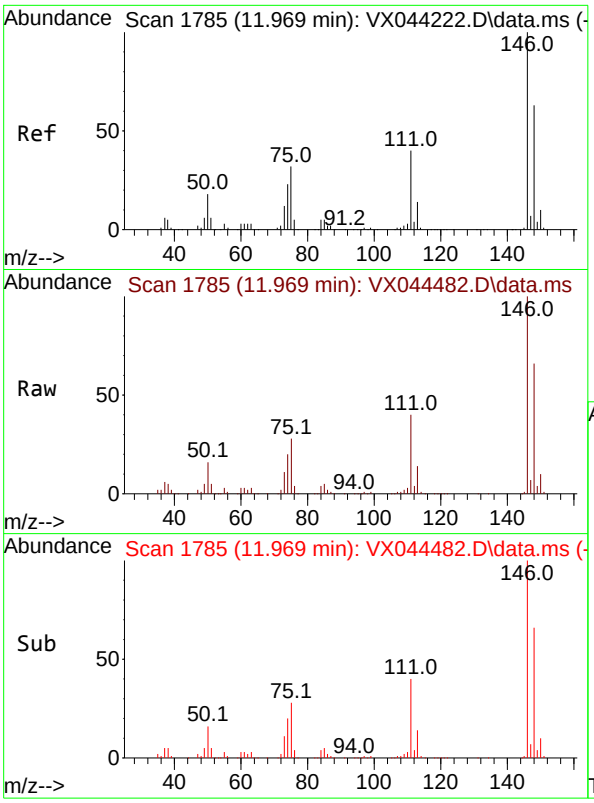


#86
p-Isopropyltoluene
Concen: 52.952 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:119 Resp: 293141

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.8	38.4
91	24.5	13.0	39.0



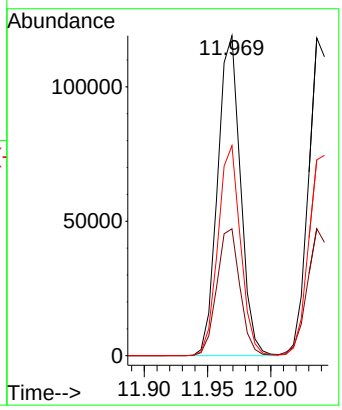


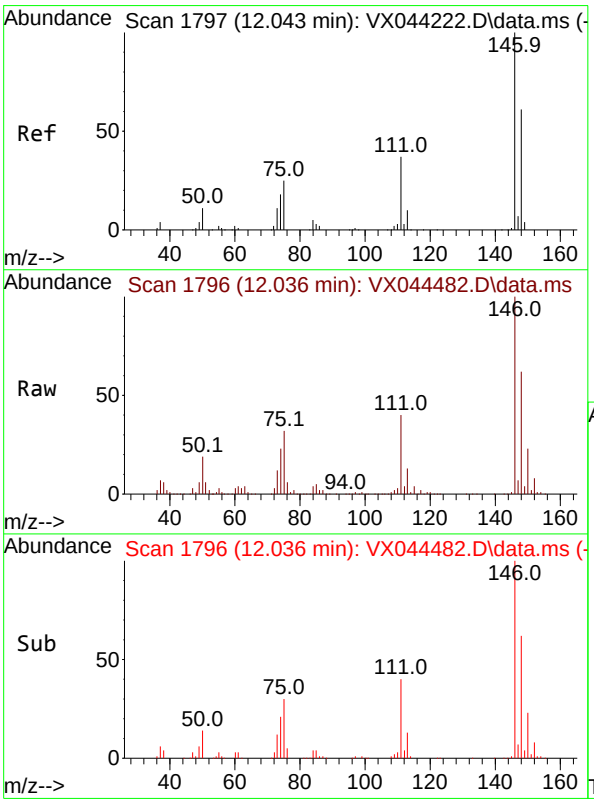
#87
1,3-Dichlorobenzene
Concen: 52.602 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion:146 Resp: 148954

Ion	Ratio	Lower	Upper
146	100		
111	40.5	21.4	64.2
148	65.0	31.7	95.1

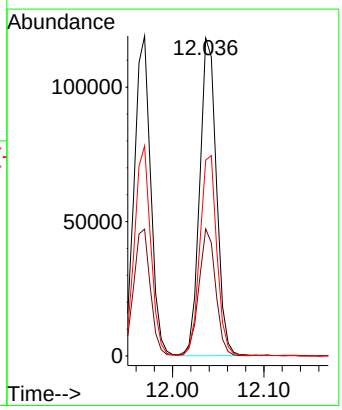


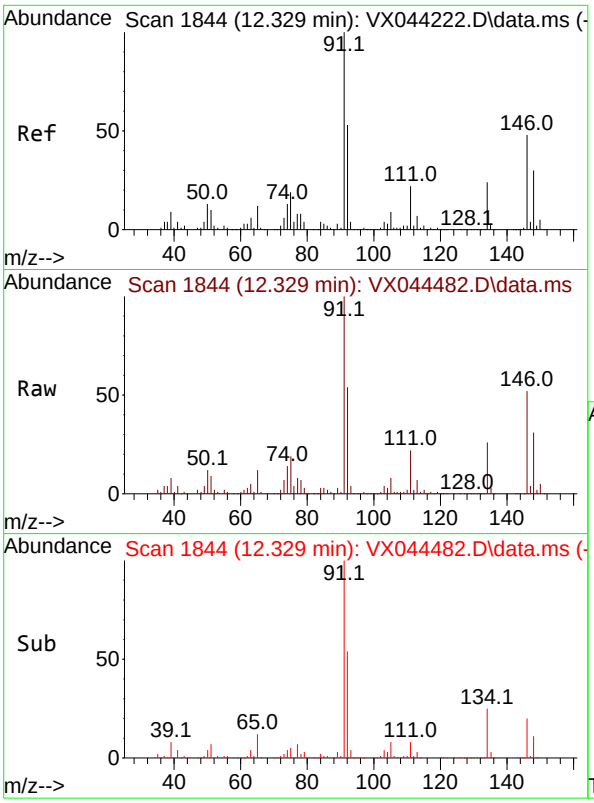


#88
1,4-Dichlorobenzene
Concen: 51.610 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:146 Resp: 150236

Ion	Ratio	Lower	Upper
146	100		
111	40.2	21.0	63.0
148	64.4	32.3	96.8



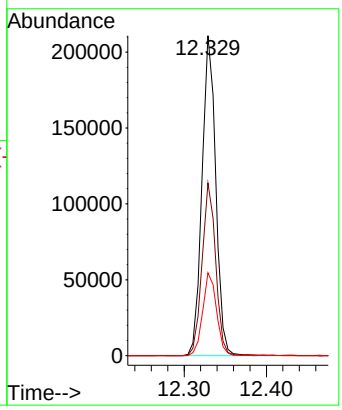


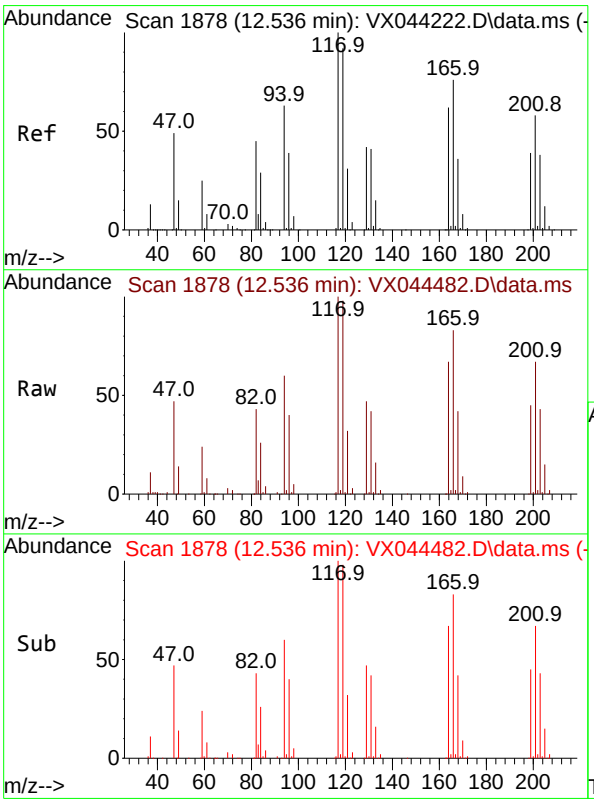
#89
n-Butylbenzene
Concen: 52.779 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion: 91 Resp: 245693

Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.6	79.7
134	26.0	12.6	37.8

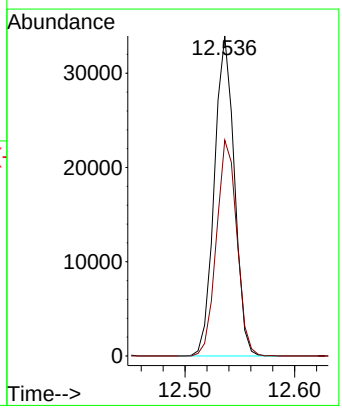


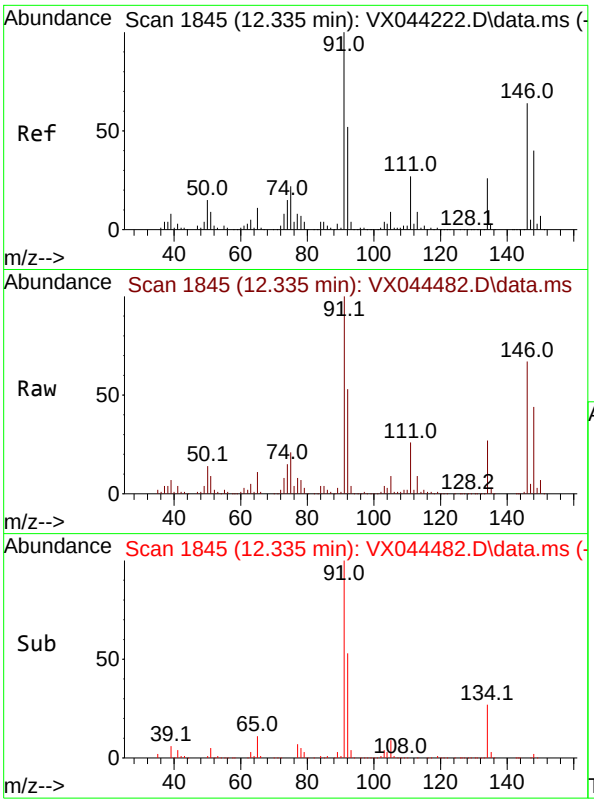


#90
Hexachloroethane
Concen: 53.324 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:117 Resp: 43092

Ion	Ratio	Lower	Upper
117	100		
201	68.9	31.4	94.2



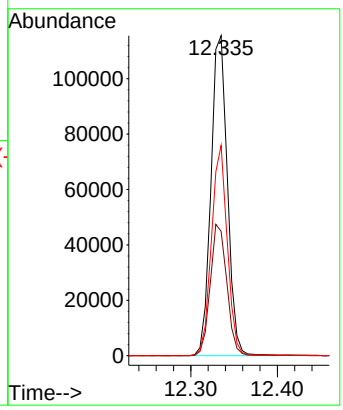


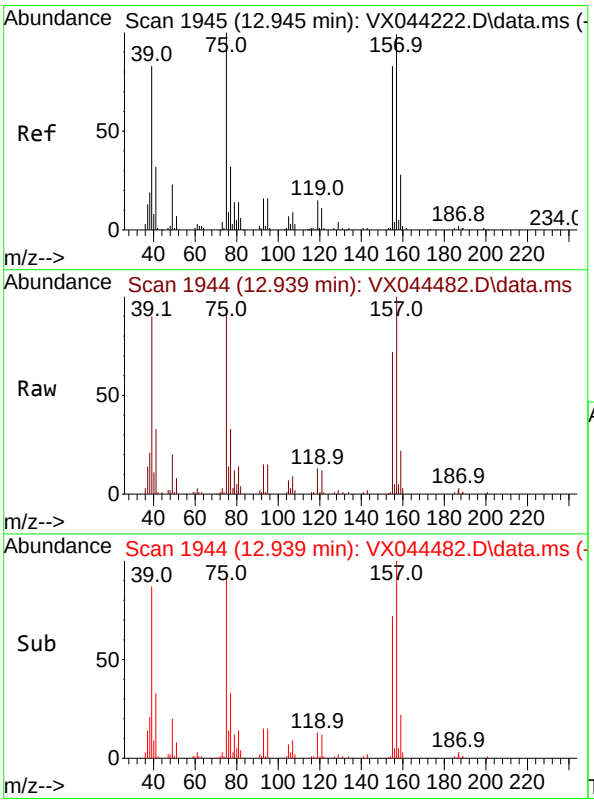
#91
1,2-Dichlorobenzene
Concen: 51.798 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion:146 Resp: 152300

Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.4	64.3
148	63.1	31.6	95.0

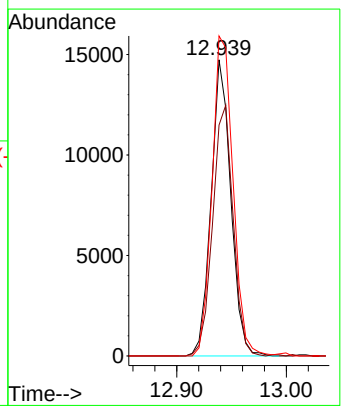


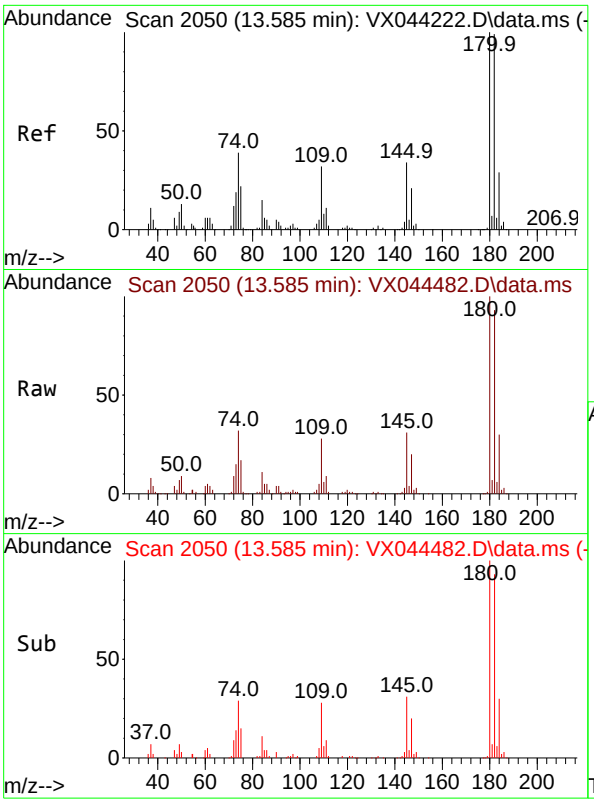


#92
1,2-Dibromo-3-Chloropropane
Concen: 40.849 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion: 75 Resp: 18413

Ion	Ratio	Lower	Upper
75	100		
155	88.1	38.1	114.3
157	114.9	47.2	141.6



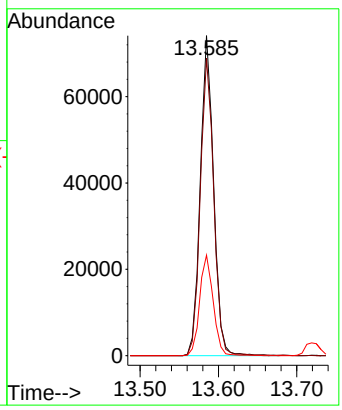


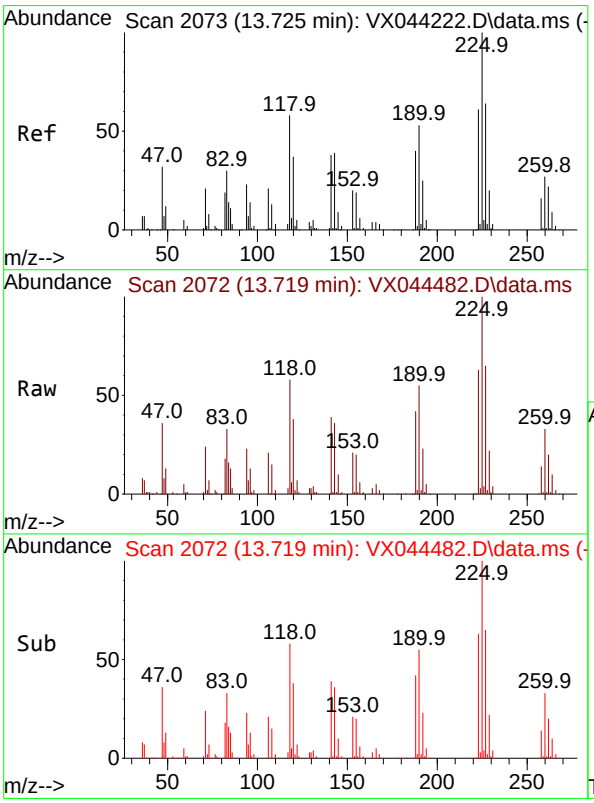
#93
1,2,4-Trichlorobenzene
Concen: 54.139 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion:180 Resp: 87271

Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.0	144.2
145	32.0	16.6	49.7

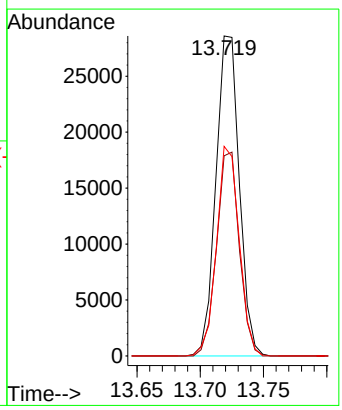


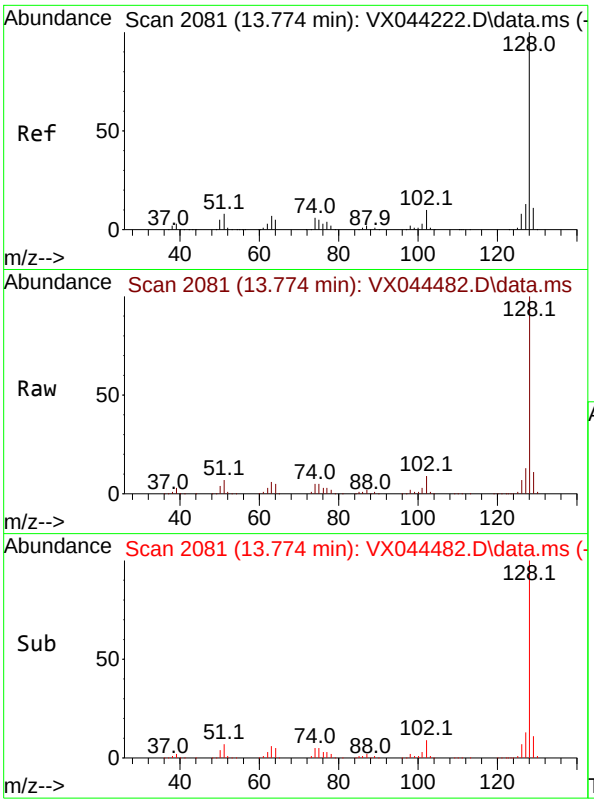


#94
Hexachlorobutadiene
Concen: 56.603 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:225 Resp: 36701

Ion	Ratio	Lower	Upper
225	100		
223	62.0	30.8	92.4
227	63.5	32.1	96.3



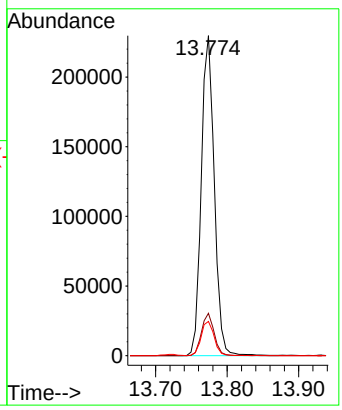


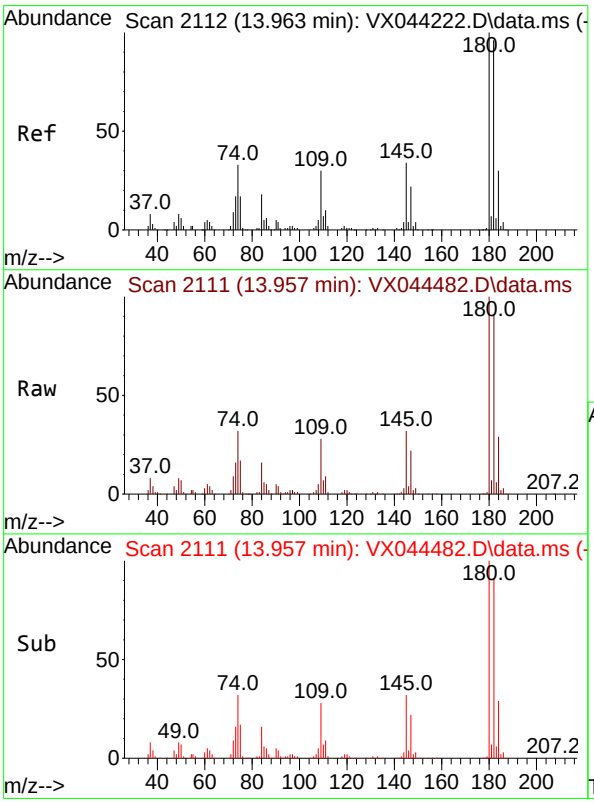
#95
Naphthalene
Concen: 46.150 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MS

Tgt Ion:128 Resp: 290387

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.8	9.0	13.4

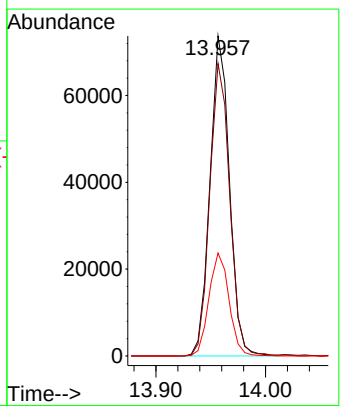




#96
1,2,3-Trichlorobenzene
Concen: 53.295 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX044482.D
Acq: 23 Dec 2024 16:00

Tgt Ion:180 Resp: 91121

Ion	Ratio	Lower	Upper
180	100		
182	93.3	48.0	144.0
145	33.1	17.7	53.1



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044483.D
Acq On : 23 Dec 2024 16:23
Operator : JC/MD
Sample : P5374-06MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Quant Time: Dec 23 22:11:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	133309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	221334	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	194386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	93024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	93809	40.135	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 80.260%			
35) Dibromofluoromethane	5.379	113	75352	49.155	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.320%			
50) Toluene-d8	8.647	98	255246	49.354	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.700%			
62) 4-Bromofluorobenzene	11.079	95	88050	48.724	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	97101	47.107	ug/l	99
3) Chloromethane	1.294	50	89851	45.583	ug/l	99
4) Vinyl Chloride	1.374	62	90522	44.080	ug/l	100
5) Bromomethane	1.599	94	64349	44.169	ug/l	99
6) Chloroethane	1.666	64	57163	44.703	ug/l	99
7) Trichlorofluoromethane	1.874	101	147666	36.730	ug/l	98
8) Diethyl Ether	2.130	74	53546	39.020	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	98355	60.459	ug/l	95
10) Methyl Iodide	2.447	142	109968	51.289	ug/l	95
11) Tert butyl alcohol	2.989	59	66110	200.689	ug/l	99
12) 1,1-Dichloroethene	2.313	96	81996	54.875	ug/l	93
13) Acrolein	2.233	56	88819	186.265	ug/l	99
14) Allyl chloride	2.660	41	116179	46.680	ug/l	97
15) Acrylonitrile	3.062	53	187642	205.636	ug/l	99
16) Acetone	2.380	43	165083	173.243	ug/l	96
17) Carbon Disulfide	2.508	76	143297	50.451	ug/l	99
18) Methyl Acetate	2.703	43	96675	39.348	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	252352	43.278	ug/l	97
20) Methylene Chloride	2.788	84	84877	47.423	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	76077	47.906	ug/l	94
22) Diisopropyl ether	3.757	45	247428	44.149	ug/l	96
23) Vinyl Acetate	3.715	43	1010223	221.715	ug/l	98
24) 1,1-Dichloroethane	3.605	63	146455	46.880	ug/l	99
25) 2-Butanone	4.550	43	254944	188.195	ug/l	100
26) 2,2-Dichloropropane	4.471	77	120669	47.546	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	96032	47.615	ug/l	95
28) Bromochloromethane	4.891	49	67300	43.932	ug/l	93
29) Tetrahydrofuran	5.001	42	162960	187.413	ug/l	98
30) Chloroform	5.086	83	158163	45.061	ug/l	100
31) Cyclohexane	5.458	56	117000	46.379	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	137841	47.310	ug/l	99
36) 1,1-Dichloropropene	5.690	75	99772	50.351	ug/l	97
37) Ethyl Acetate	4.708	43	98461	40.198	ug/l	96
38) Carbon Tetrachloride	5.672	117	113263	53.092	ug/l	96
39) Methylcyclohexane	7.373	83	122514	51.718	ug/l	98
40) Benzene	6.031	78	309954	51.519	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044483.D
Acq On : 23 Dec 2024 16:23
Operator : JC/MD
Sample : P5374-06MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Quant Time: Dec 23 22:11:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	56683	43.580	ug/l		97
42) 1,2-Dichloroethane	6.080	62	120065	48.447	ug/l		98
43) Isopropyl Acetate	6.336	43	171036	44.675	ug/l		98
44) Trichloroethene	7.117	130	309842	206.520	ug/l		95
45) 1,2-Dichloropropane	7.428	63	78272	50.923	ug/l		96
46) Dibromomethane	7.580	93	61591	51.651	ug/l		94
47) Bromodichloromethane	7.818	83	109954	53.391	ug/l		100
48) Methyl methacrylate	7.690	41	81210	43.699	ug/l		96
49) 1,4-Dioxane	7.665	88	25425	825.171	ug/l	#	88
51) 4-Methyl-2-Pentanone	8.574	43	525905	213.645	ug/l		98
52) Toluene	8.714	92	194861	51.577	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	108457	49.124	ug/l		94
54) cis-1,3-Dichloropropene	8.360	75	119559	53.318	ug/l		97
55) 1,1,2-Trichloroethane	9.147	97	78243	52.130	ug/l		98
56) Ethyl methacrylate	9.116	69	116799	49.294	ug/l		96
57) 1,3-Dichloropropane	9.305	76	128311	49.115	ug/l		100
59) 2-Hexanone	9.427	43	377783	212.029	ug/l		98
60) Dibromochloromethane	9.519	129	80512	50.610	ug/l		99
61) 1,2-Dibromoethane	9.604	107	80473	52.674	ug/l		97
64) Tetrachloroethene	9.269	164	69771	54.079	ug/l		97
65) Chlorobenzene	10.079	112	213861	51.344	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	73672	55.034	ug/l		98
67) Ethyl Benzene	10.189	91	367112	51.010	ug/l		98
68) m/p-Xylenes	10.299	106	280090	106.061	ug/l		94
69) o-Xylene	10.640	106	138976	52.012	ug/l		92
70) Styrene	10.653	104	221123	51.623	ug/l		97
71) Bromoform	10.799	173	49218	52.302	ug/l	#	99
73) Isopropylbenzene	10.957	105	357321	50.176	ug/l		100
74) N-amyl acetate	10.842	43	145004	44.058	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.207	83	113904	46.050	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	119645	57.605	ug/l		84
77) Bromobenzene	11.195	156	89457	51.802	ug/l		93
78) n-propylbenzene	11.299	91	400697	50.908	ug/l		98
79) 2-Chlorotoluene	11.360	91	240524	47.251	ug/l		96
80) 1,3,5-Trimethylbenzene	11.451	105	291627	49.381	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	29982	42.328	ug/l		97
82) 4-Chlorotoluene	11.451	91	273683	48.552	ug/l		97
83) tert-Butylbenzene	11.713	119	301012	51.575	ug/l		95
84) 1,2,4-Trimethylbenzene	11.750	105	296491	51.121	ug/l		97
85) sec-Butylbenzene	11.890	105	359614	50.755	ug/l		99
86) p-Isopropyltoluene	12.006	119	302102	51.228	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	157083	52.075	ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	155542	50.161	ug/l		98
89) n-Butylbenzene	12.329	91	252945	51.009	ug/l		99
90) Hexachloroethane	12.536	117	45435	52.780	ug/l		88
91) 1,2-Dichlorobenzene	12.335	146	157677	50.342	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19969	41.588	ug/l		86
93) 1,2,4-Trichlorobenzene	13.585	180	94741	55.173	ug/l		98
94) Hexachlorobutadiene	13.719	225	35851	51.906	ug/l		96
95) Naphthalene	13.774	128	302955	45.199	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	95051	52.189	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044483.D
Acq On : 23 Dec 2024 16:23
Operator : JC/MD
Sample : P5374-06MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Quant Time: Dec 23 22:11:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

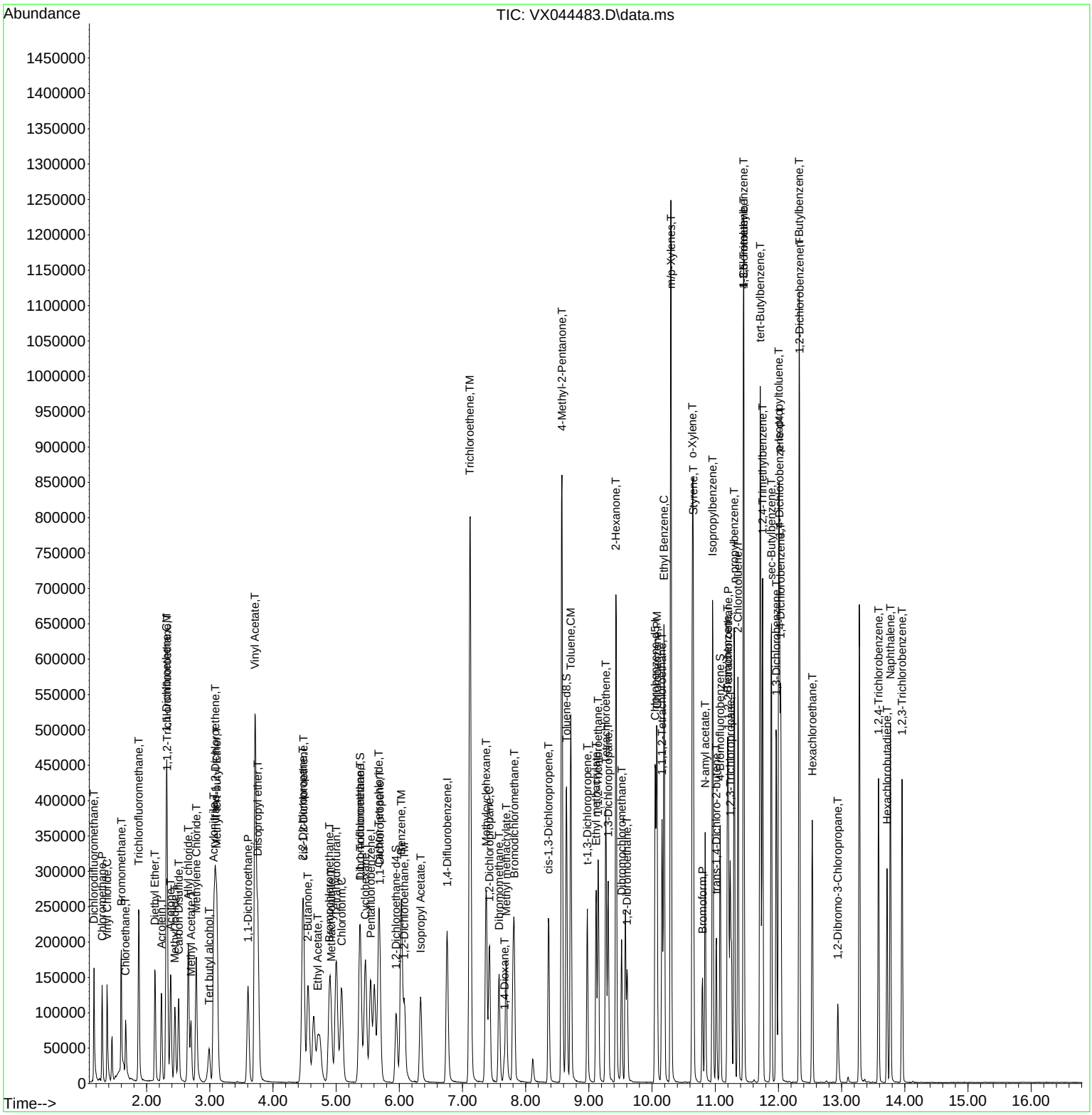
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

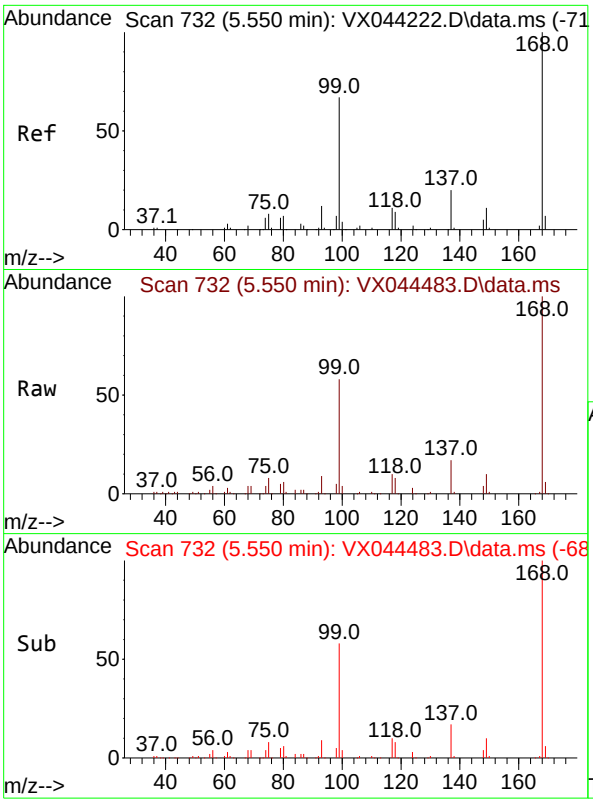
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044483.D
Acq On : 23 Dec 2024 16:23
Operator : JC/MD
Sample : P5374-06MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Quant Time: Dec 23 22:11:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



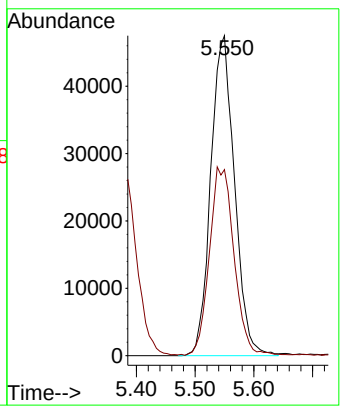


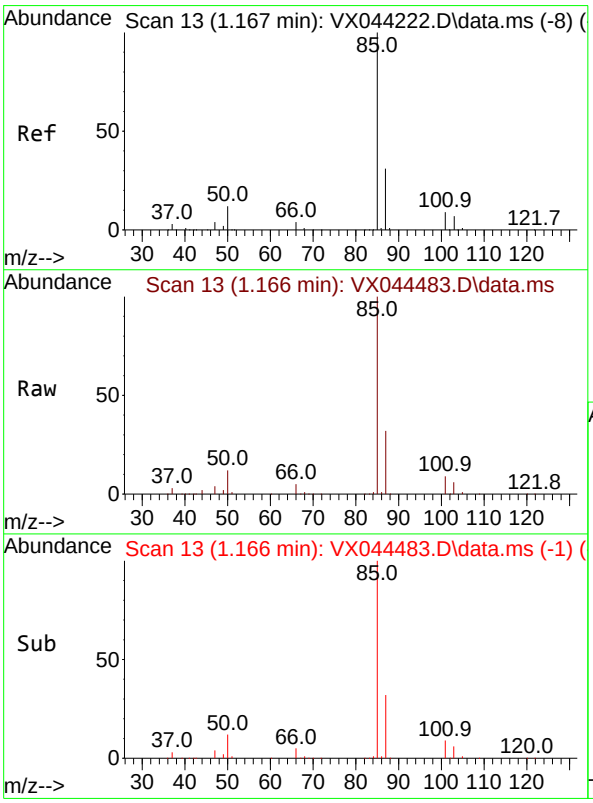
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion:168 Resp: 133309

Ion	Ratio	Lower	Upper
168	100		
99	57.9	53.4	80.0

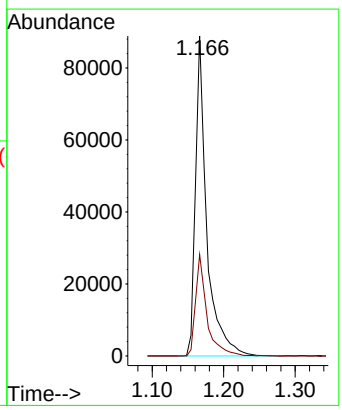


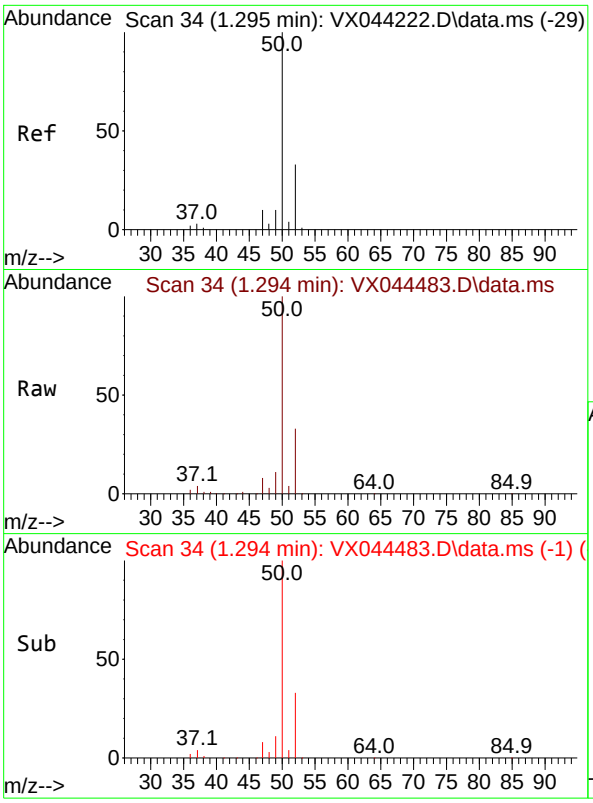


#2
Dichlorodifluoromethane
Concen: 47.107 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 85 Resp: 97101

Ion	Ratio	Lower	Upper
85	100		
87	31.7	15.4	46.4



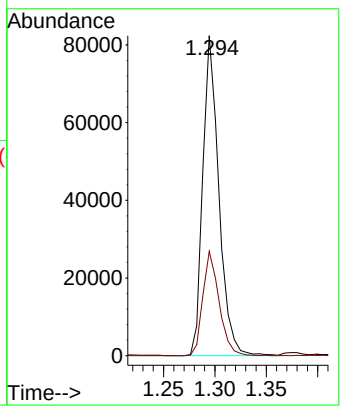


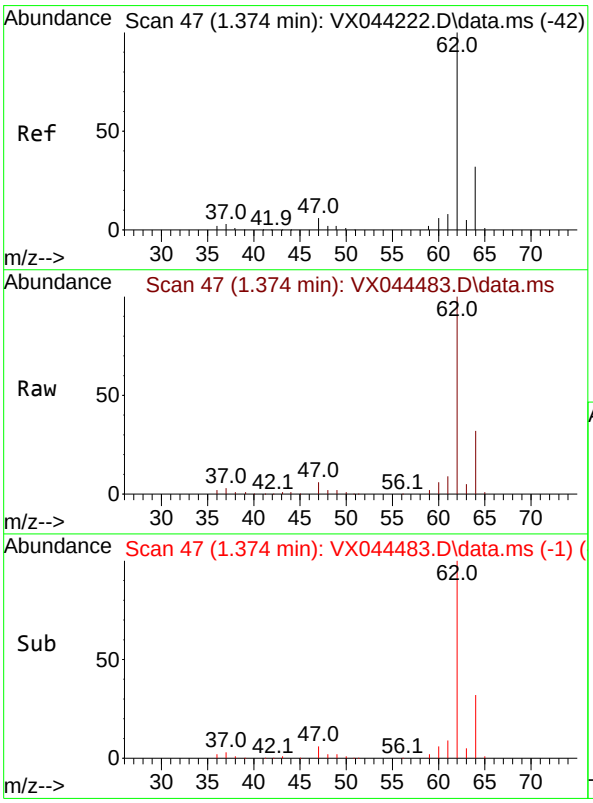
#3
Chloromethane
Concen: 45.583 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion: 50 Resp: 89851

Ion	Ratio	Lower	Upper
50	100		
52	32.6	26.5	39.7

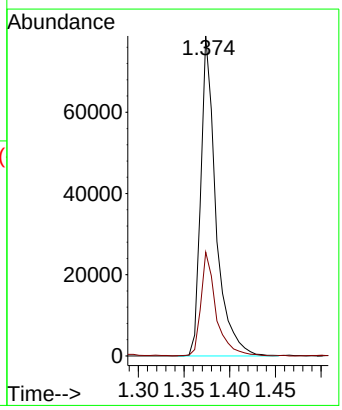


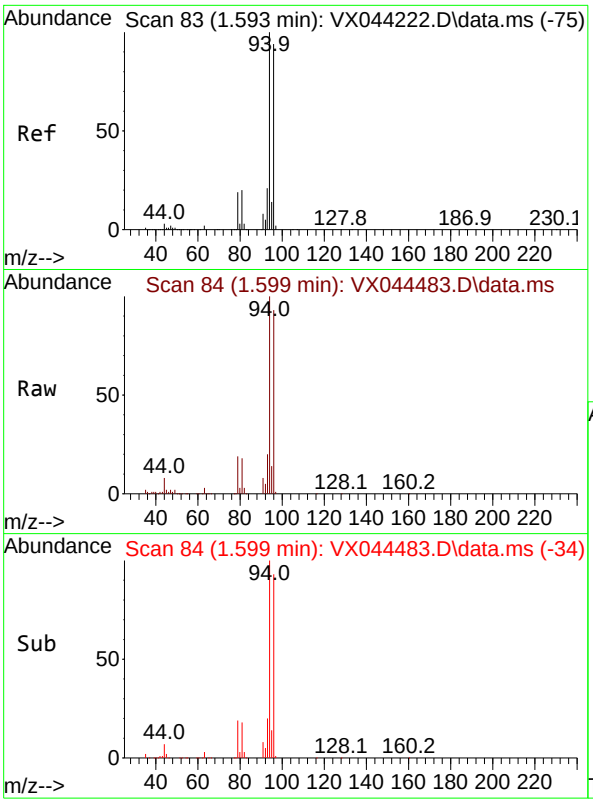


#4
Vinyl Chloride
Concen: 44.080 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 62 Resp: 90522

Ion	Ratio	Lower	Upper
62	100		
64	32.4	25.7	38.5



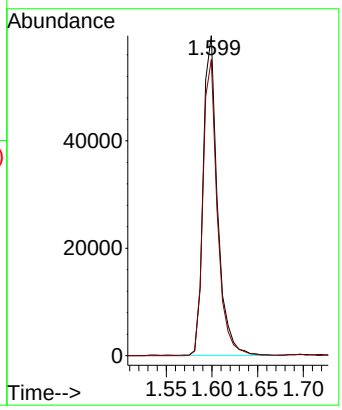


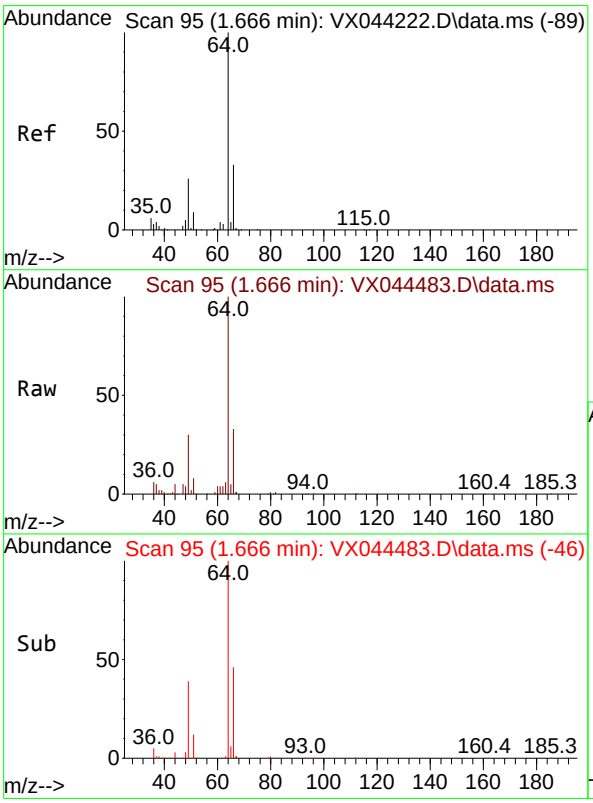
#5
Bromomethane
Concen: 44.169 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion: 94 Resp: 64349

Ion	Ratio	Lower	Upper
94	100		
96	92.6	74.9	112.3

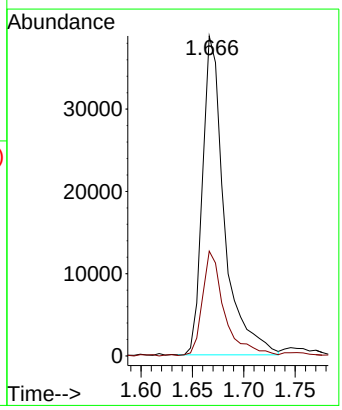


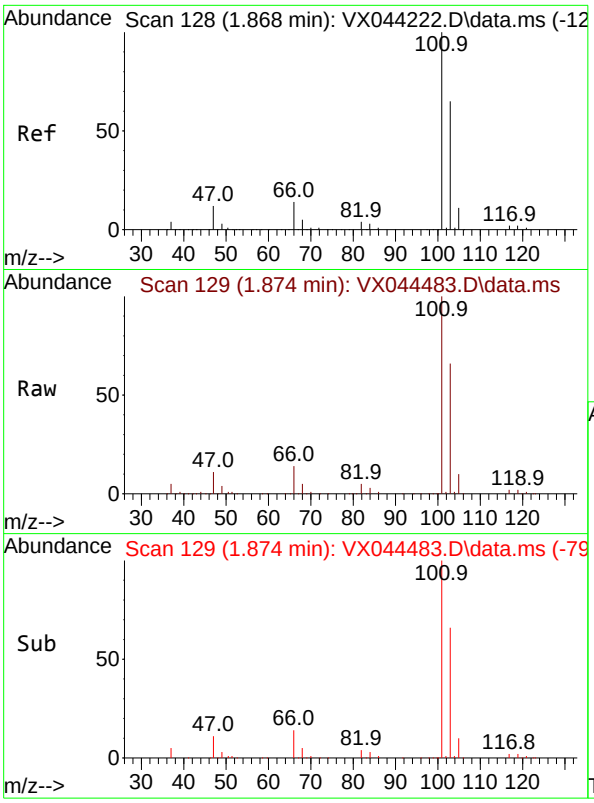


#6
Chloroethane
Concen: 44.703 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 64 Resp: 57163

Ion	Ratio	Lower	Upper
64	100		
66	32.7	26.6	39.8



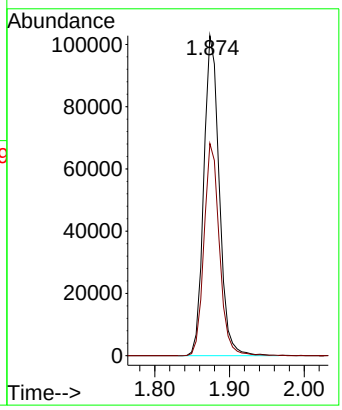


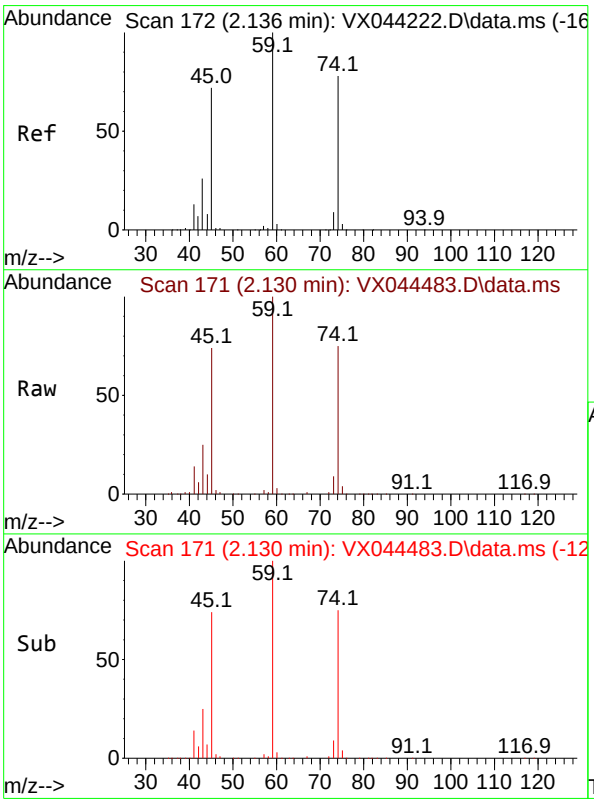
#7
Trichlorofluoromethane
Concen: 36.730 ug/l
RT: 1.874 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion:101 Resp: 147666

Ion	Ratio	Lower	Upper
101	100		
103	66.3	51.8	77.8

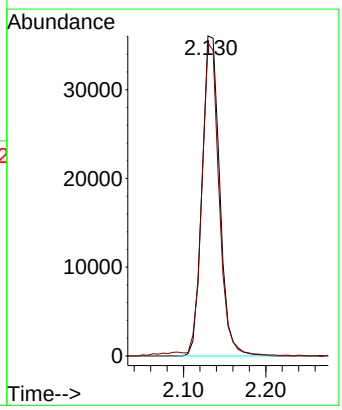


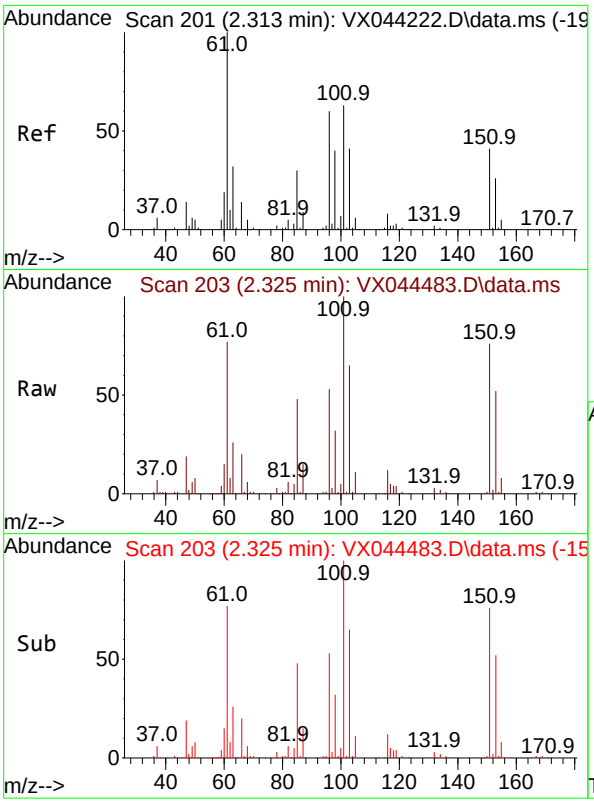


#8
Diethyl Ether
Concen: 39.020 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 74 Resp: 53546

Ion	Ratio	Lower	Upper
74	100		
45	97.5	48.4	145.0



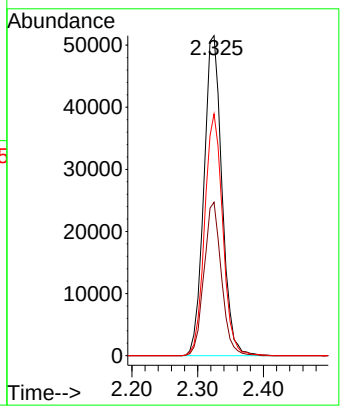


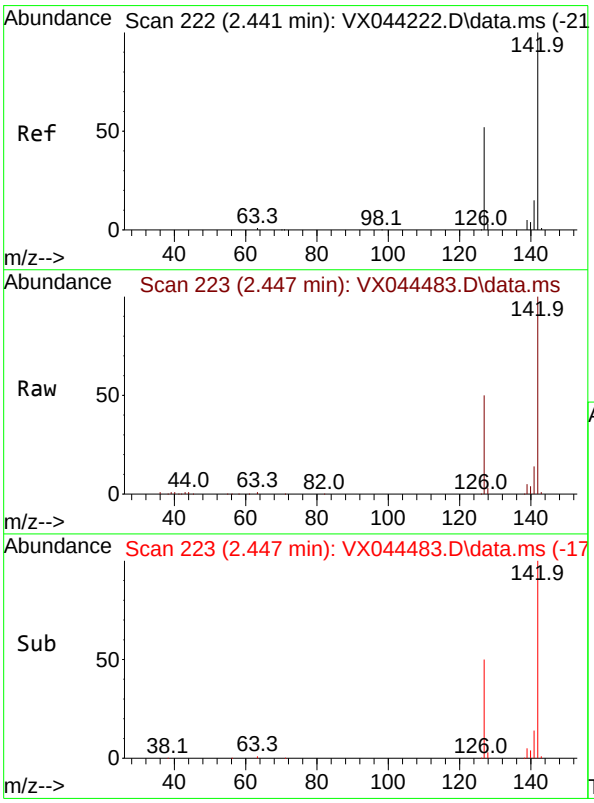
#9
1,1,2-Trichlorotrifluoroethane
Concen: 60.459 ug/l
RT: 2.325 min Scan# 2
Delta R.T. 0.012 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion:101 Resp: 98355

Ion	Ratio	Lower	Upper
101	100		
85	46.3	38.5	57.7
151	75.6	55.8	83.6

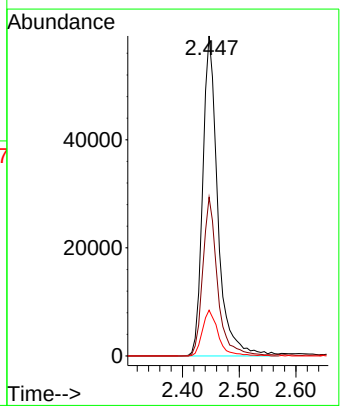


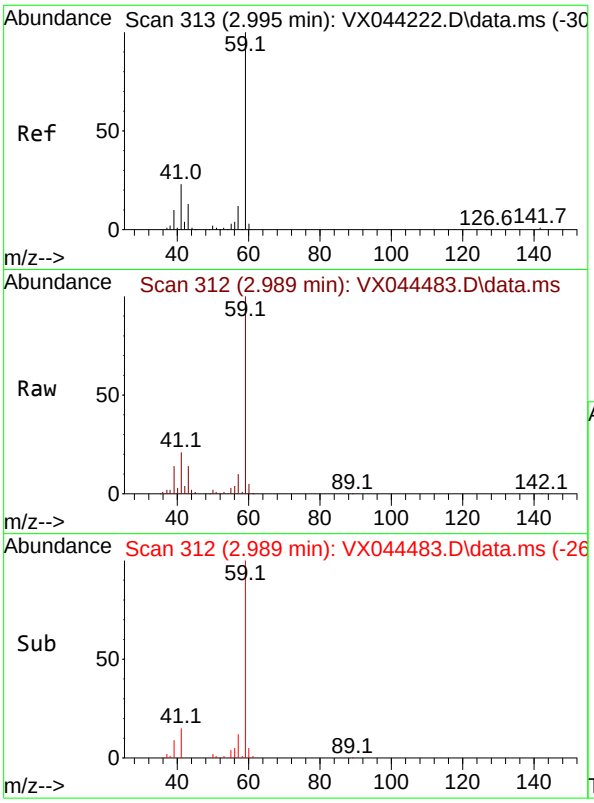


#10
Methyl Iodide
Concen: 51.289 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:142 Resp: 109968

Ion	Ratio	Lower	Upper
142	100		
127	48.2	41.8	62.8
141	14.9	11.5	17.3



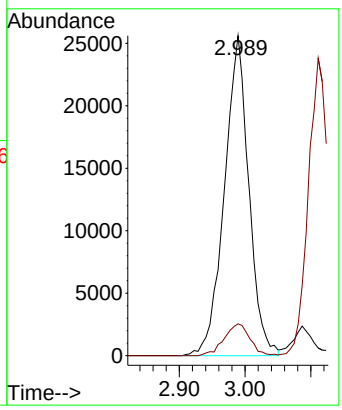


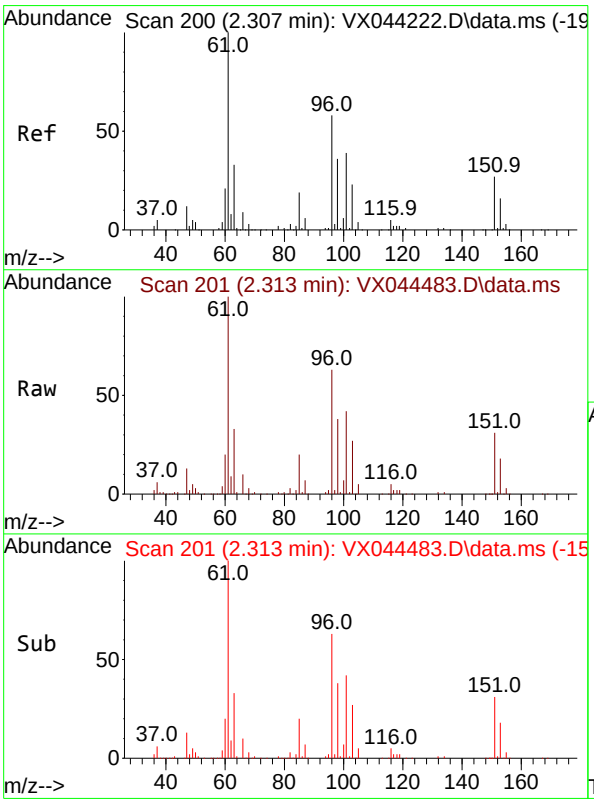
#11
Tert butyl alcohol
Concen: 200.689 ug/l
RT: 2.989 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion: 59 Resp: 66110

Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.8	13.2

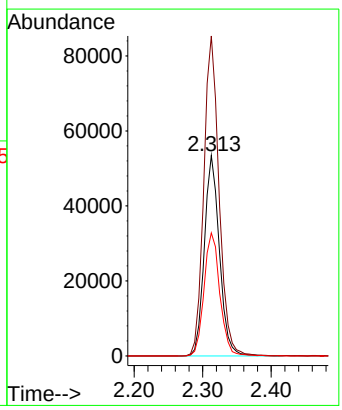


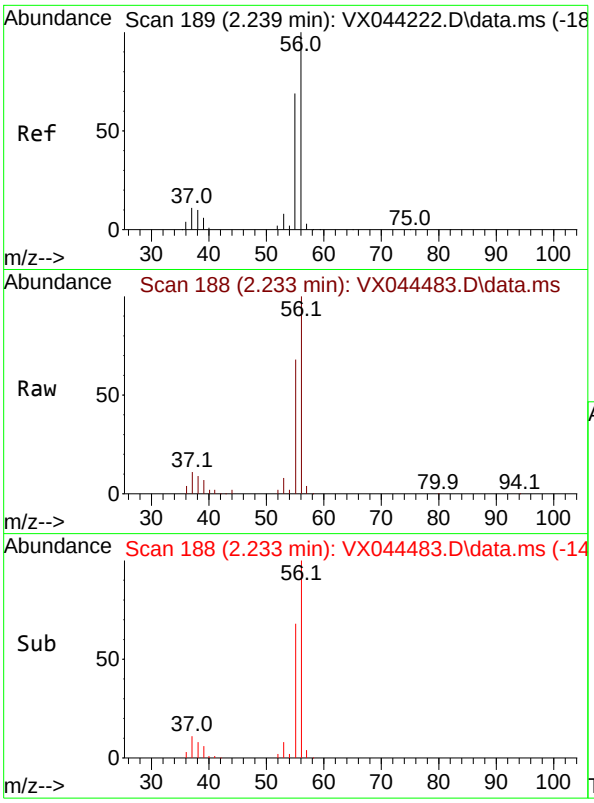


#12
1,1-Dichloroethene
Concen: 54.875 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 96 Resp: 81996

Ion	Ratio	Lower	Upper
96	100		
61	159.6	138.0	207.0
98	61.4	50.0	75.0



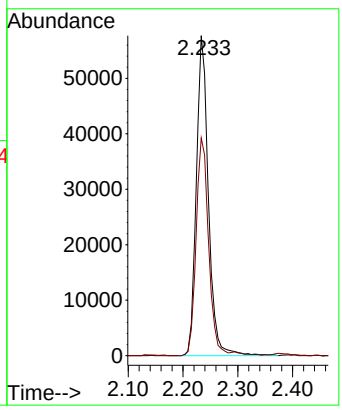


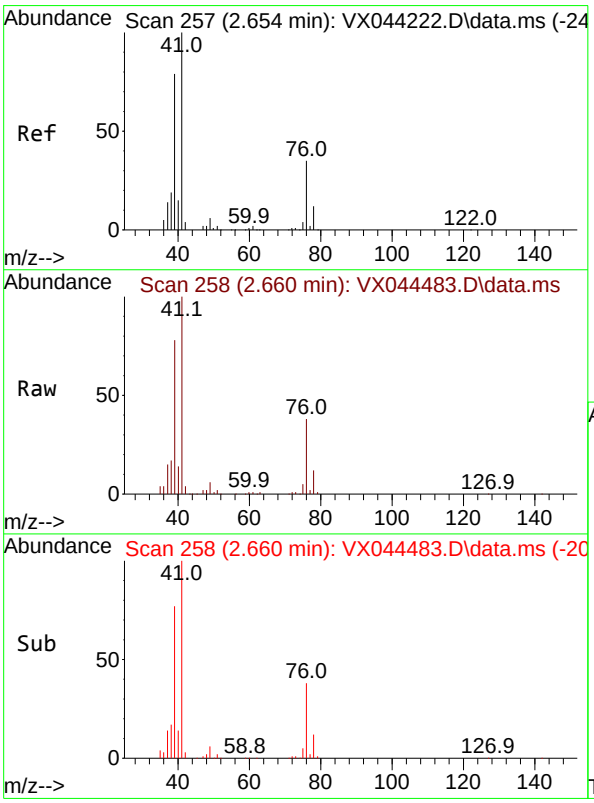
#13
Acrolein
Concen: 186.265 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion: 56 Resp: 88819

Ion	Ratio	Lower	Upper
56	100		
55	70.1	56.6	84.8

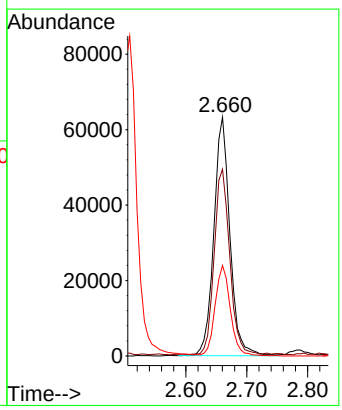


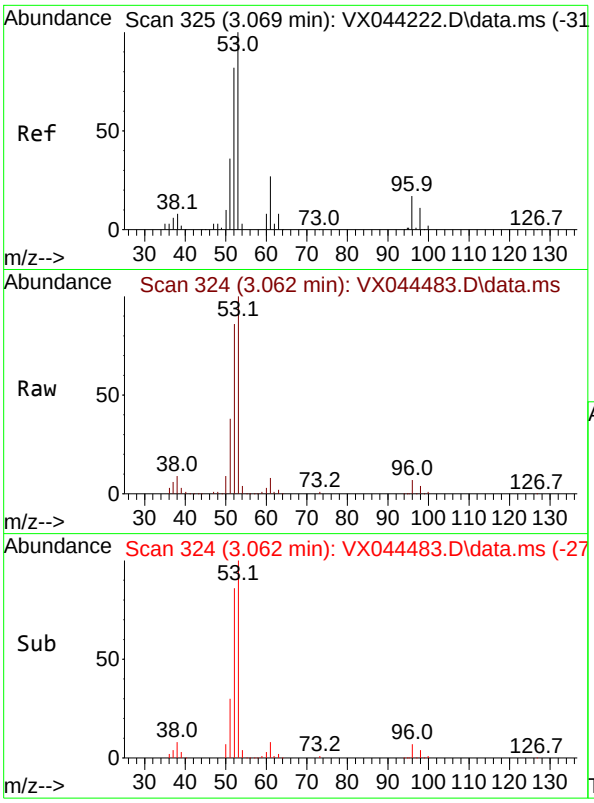


#14
Allyl chloride
Concen: 46.680 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 41 Resp: 116179

Ion	Ratio	Lower	Upper
41	100		
39	75.0	61.9	92.9
76	35.7	27.4	41.2



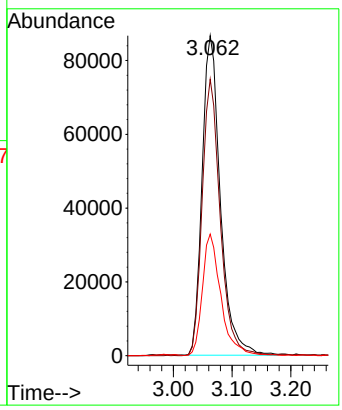


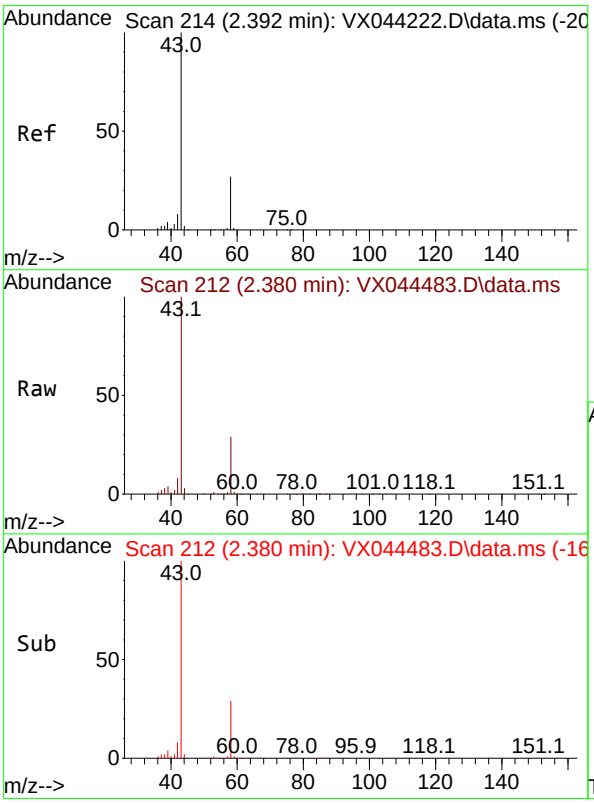
#15
Acrylonitrile
Concen: 205.636 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion: 53 Resp: 187642

Ion	Ratio	Lower	Upper
53	100		
52	85.3	67.4	101.0
51	38.1	30.3	45.5

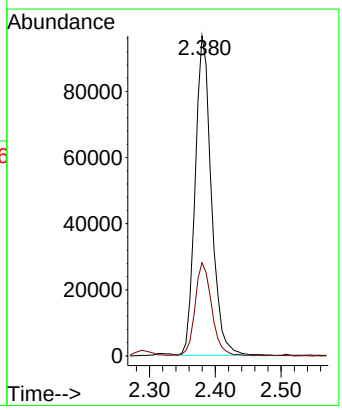


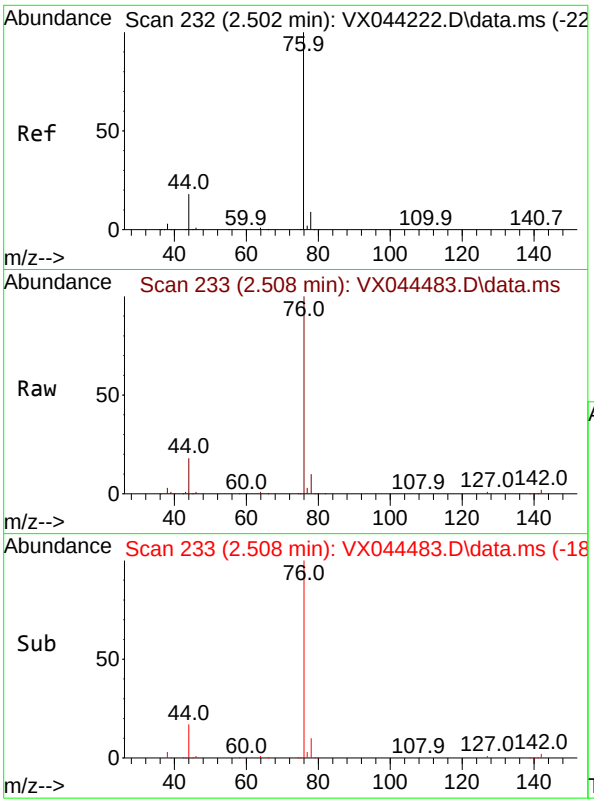


#16
Acetone
Concen: 173.243 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 43 Resp: 165083

Ion	Ratio	Lower	Upper
43	100		
58	29.1	21.6	32.4



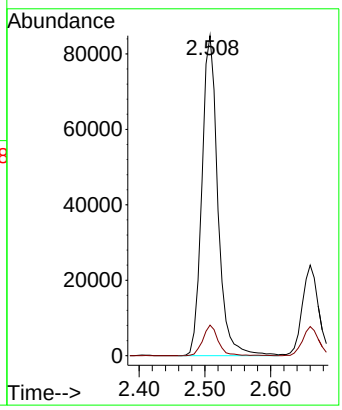


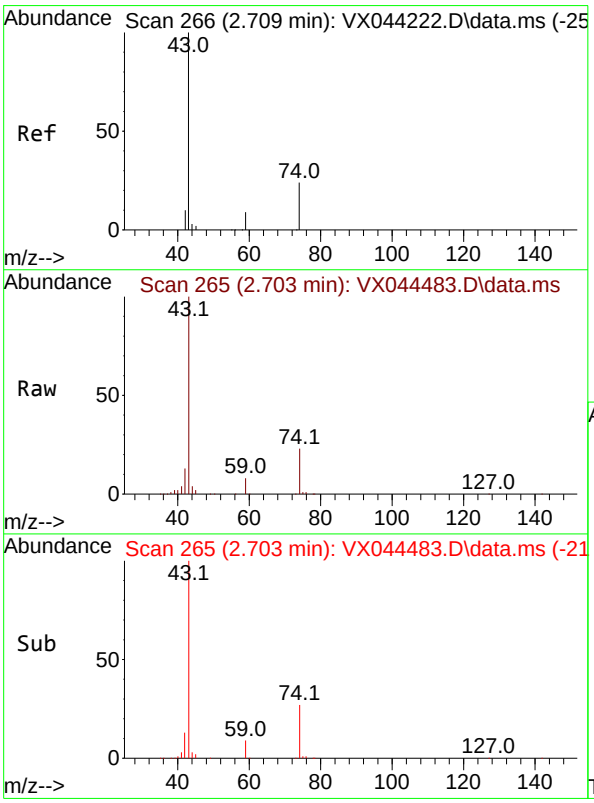
#17
Carbon Disulfide
Concen: 50.451 ug/l
RT: 2.508 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion: 76 Resp: 143297

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.0

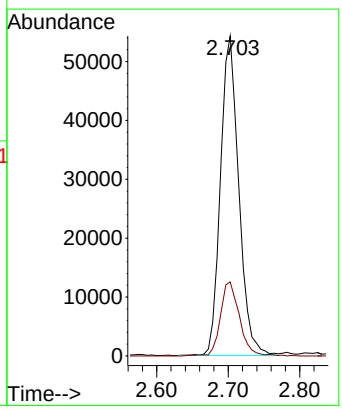


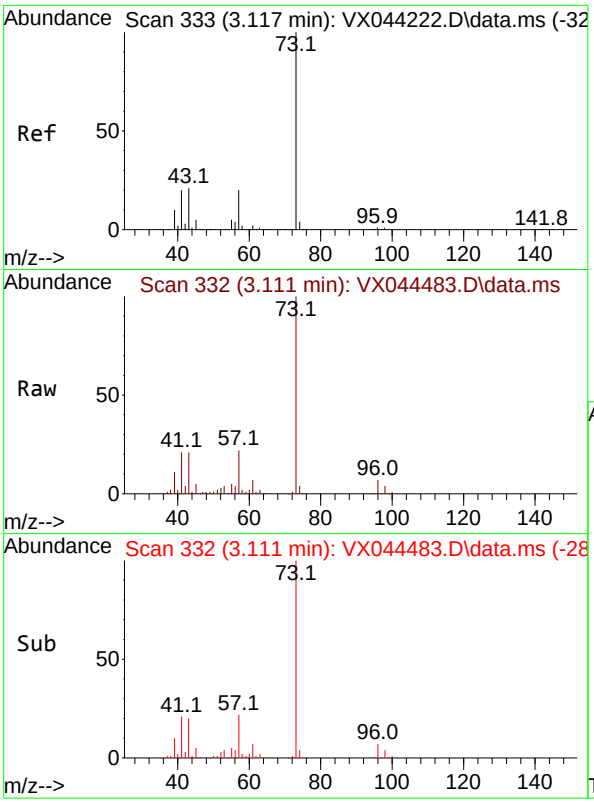


#18
Methyl Acetate
Concen: 39.348 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 43 Resp: 96675

Ion	Ratio	Lower	Upper
43	100		
74	24.1	17.7	26.5



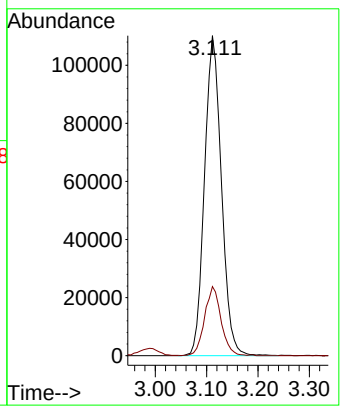


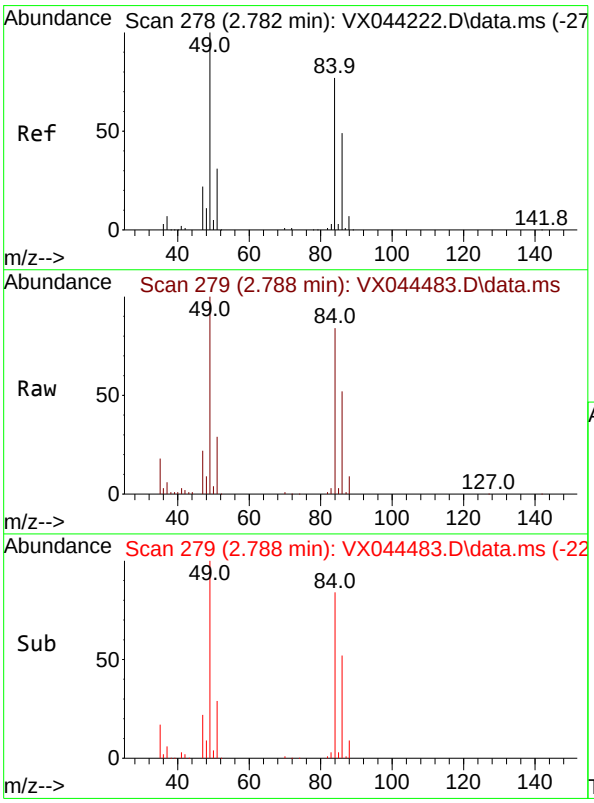
#19
Methyl tert-butyl Ether
Concen: 43.278 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion: 73 Resp: 252352

Ion	Ratio	Lower	Upper
73	100		
57	21.6	16.2	24.4

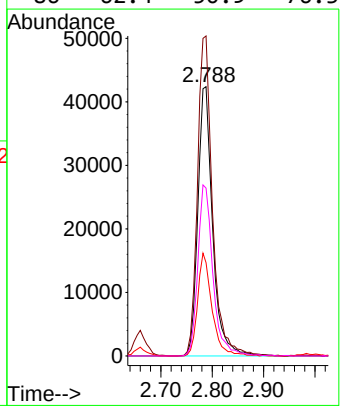


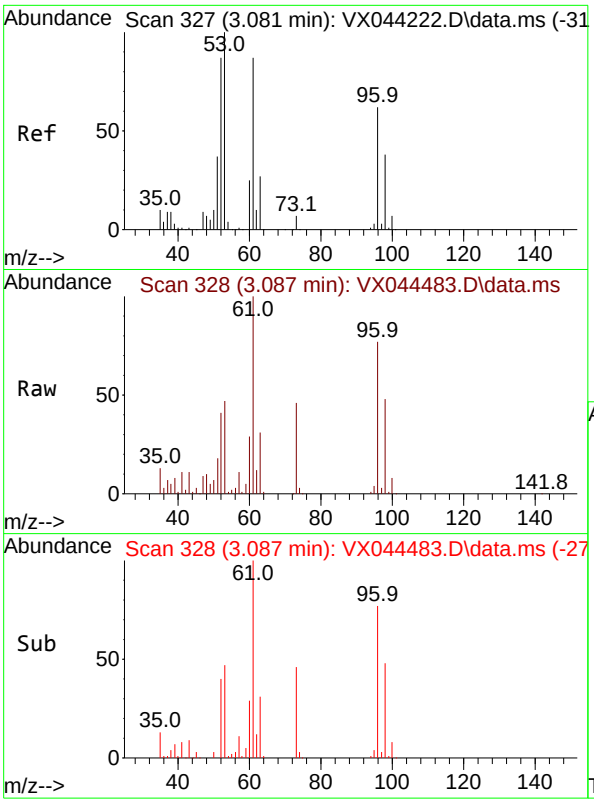


#20
Methylene Chloride
Concen: 47.423 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 84 Resp: 84877

Ion	Ratio	Lower	Upper
84	100		
49	118.9	104.2	156.4
51	34.6	32.2	48.4
86	62.4	50.9	76.3



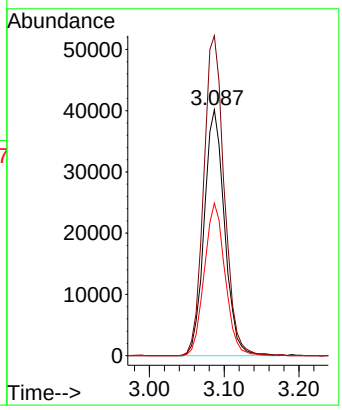


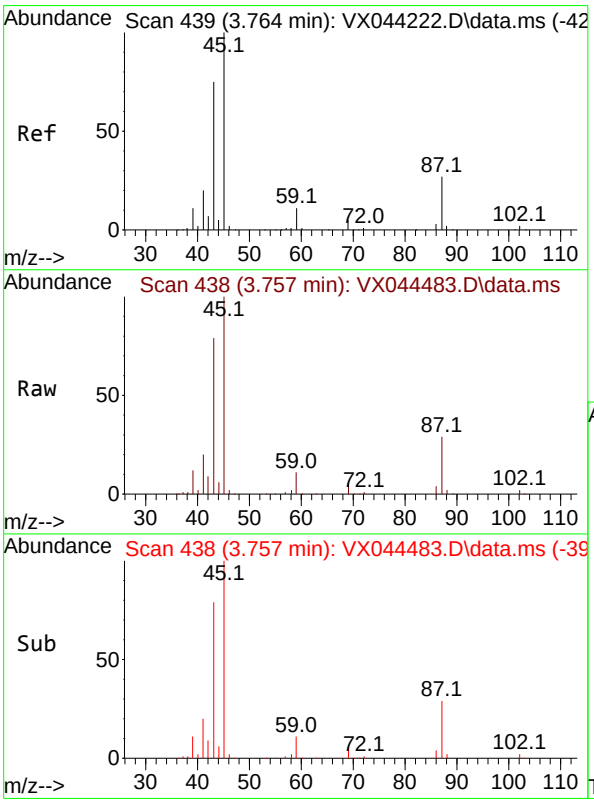
#21
trans-1,2-Dichloroethene
Concen: 47.906 ug/l
RT: 3.087 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion: 96 Resp: 76077

Ion	Ratio	Lower	Upper
96	100		
61	130.1	112.0	168.0
98	62.0	48.8	73.2

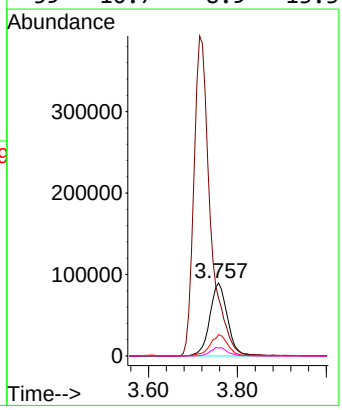


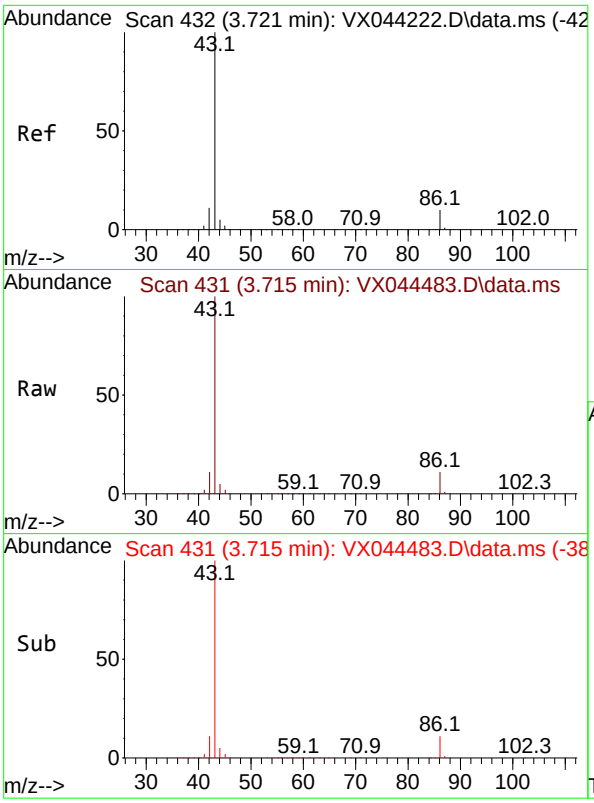


#22
Diisopropyl ether
Concen: 44.149 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 45 Resp: 247428

Ion	Ratio	Lower	Upper
45	100		
43	79.2	60.2	90.2
87	29.2	21.2	31.8
59	10.7	8.9	13.3



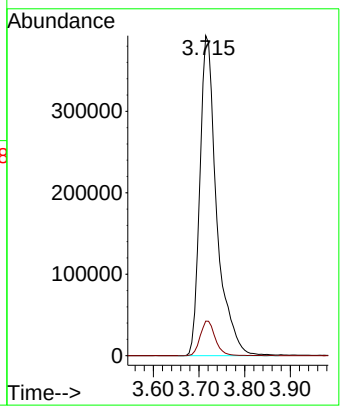


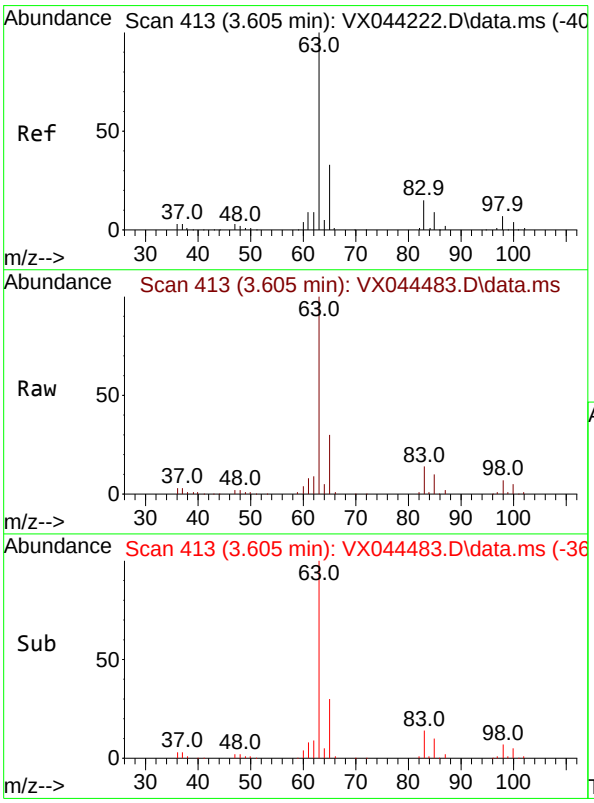
#23
Vinyl Acetate
Concen: 221.715 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion: 43 Resp: 1010223

Ion	Ratio	Lower	Upper
43	100		
86	10.8	8.2	12.2

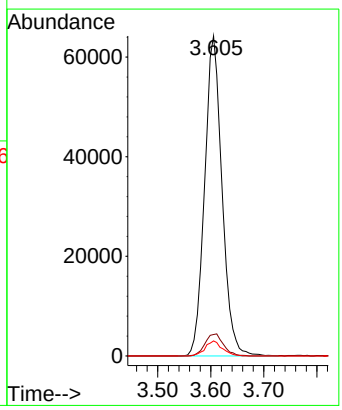


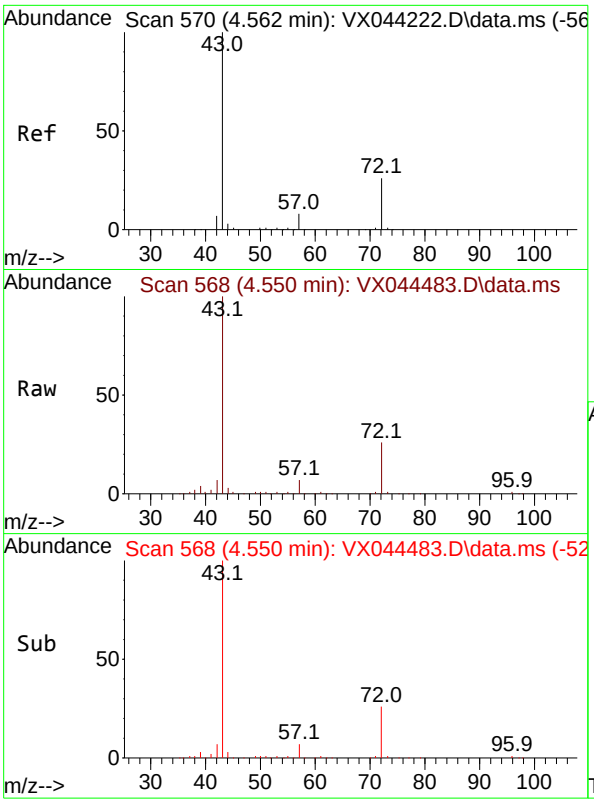


#24
1,1-Dichloroethane
Concen: 46.880 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 63 Resp: 146455

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.6	10.8
100	4.7	2.1	6.3



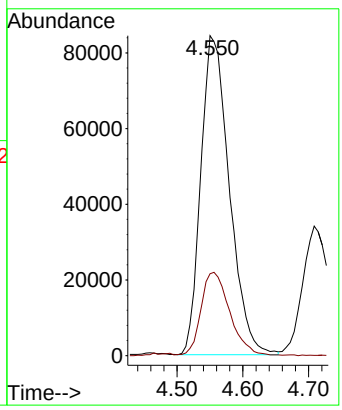


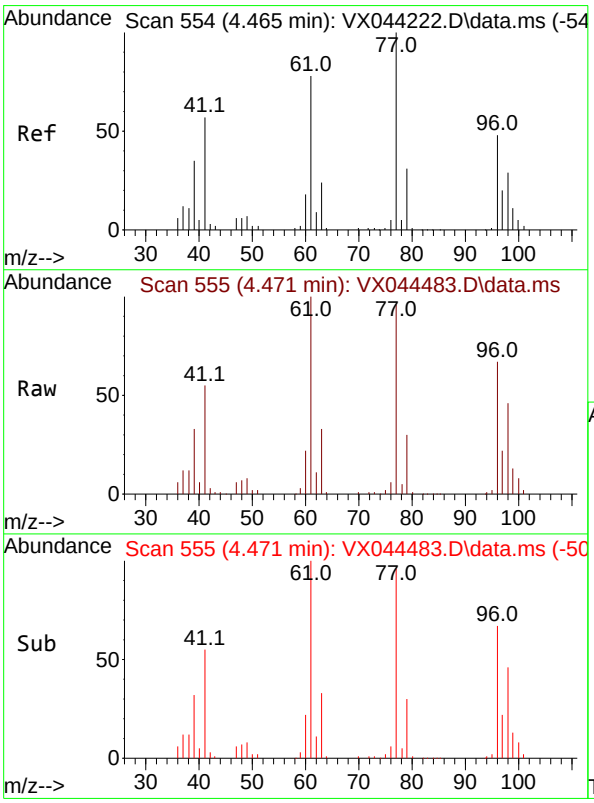
#25
2-Butanone
Concen: 188.195 ug/l
RT: 4.550 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion: 43 Resp: 254944

Ion	Ratio	Lower	Upper
43	100		
72	25.4	20.2	30.4

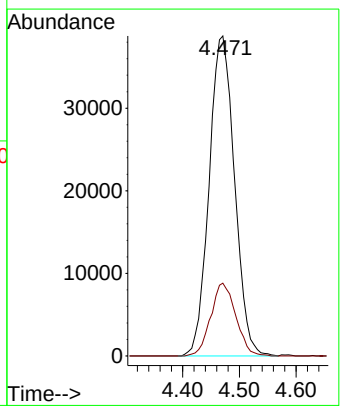


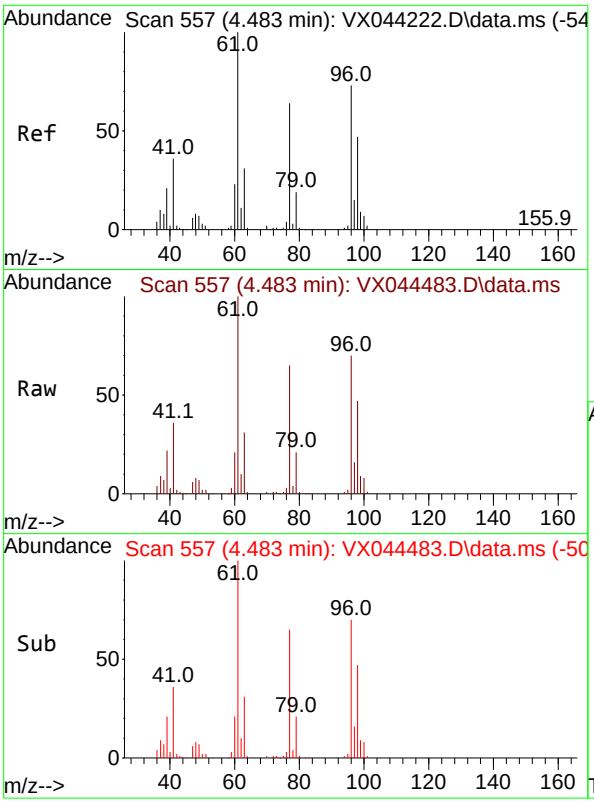


#26
2,2-Dichloropropane
Concen: 47.546 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 77 Resp: 120669

Ion	Ratio	Lower	Upper
77	100		
97	22.4	10.7	32.1



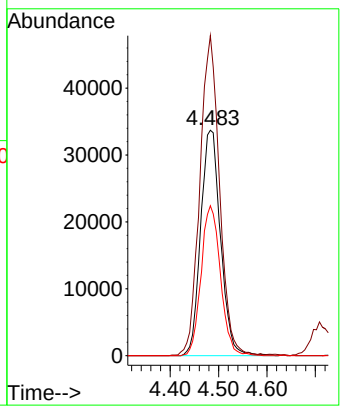


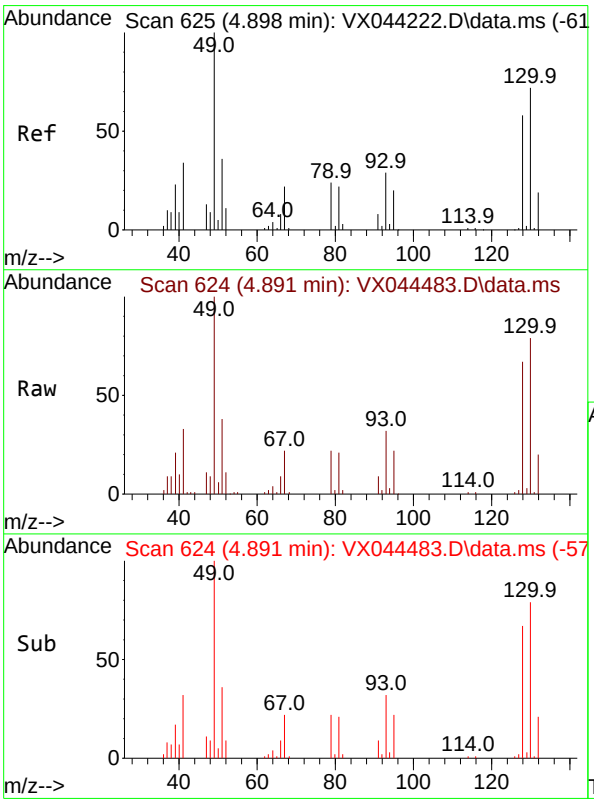
#27
cis-1,2-Dichloroethene
Concen: 47.615 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion: 96 Resp: 96032

Ion	Ratio	Lower	Upper
96	100		
61	140.7	0.0	299.0
98	64.9	0.0	129.0

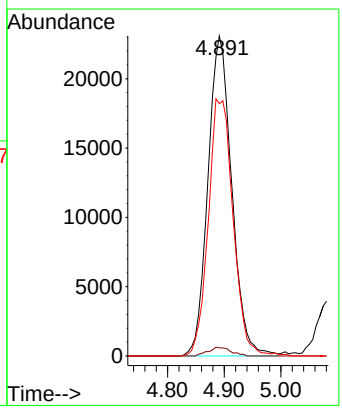


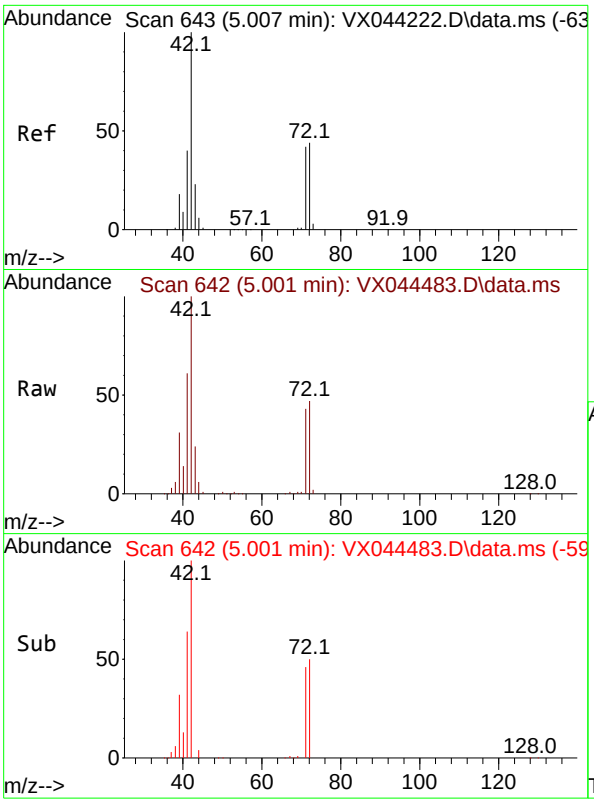


#28
Bromochloromethane
Concen: 43.932 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 49 Resp: 67300

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.2
130	83.6	62.1	93.1



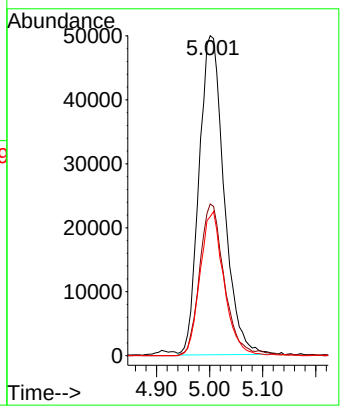


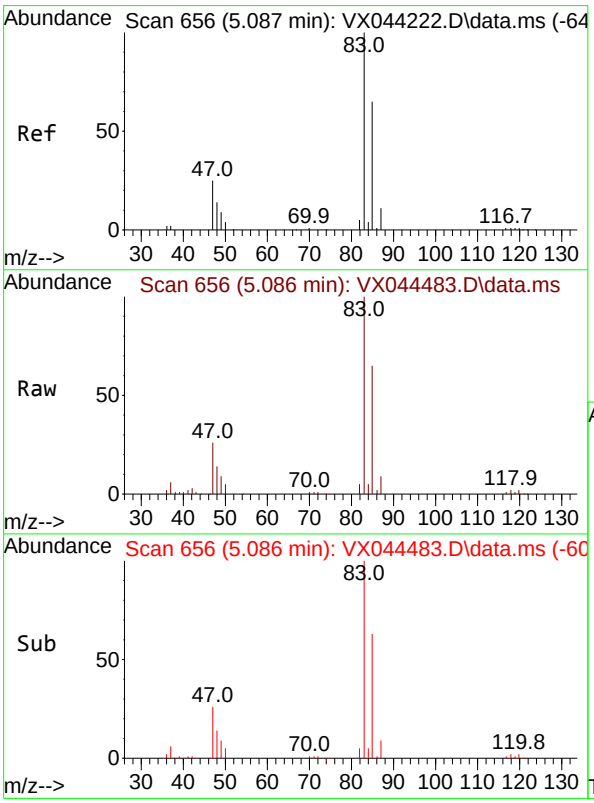
#29
Tetrahydrofuran
Concen: 187.413 ug/l
RT: 5.001 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion: 42 Resp: 162960

Ion	Ratio	Lower	Upper
42	100		
72	47.4	37.0	55.6
71	43.3	33.6	50.4

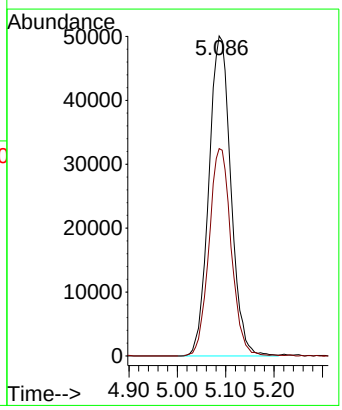


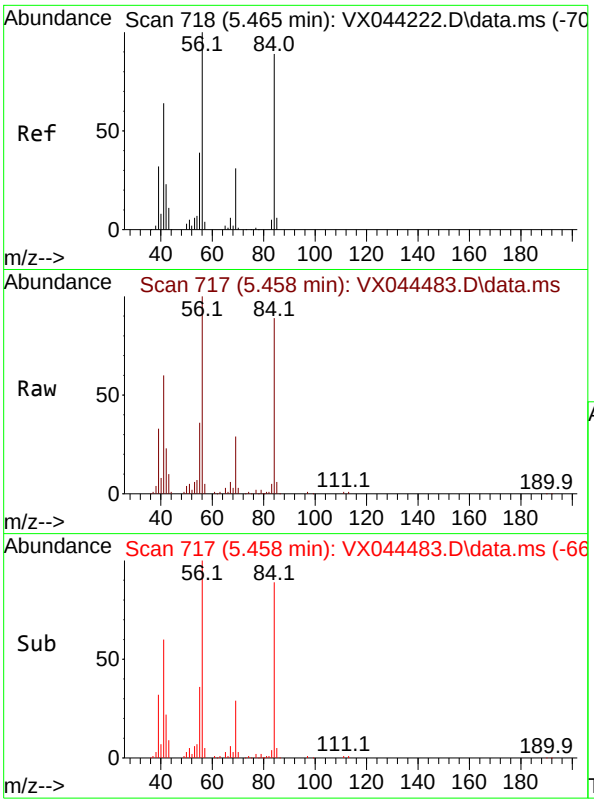


#30
Chloroform
Concen: 45.061 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 83 Resp: 158163

Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.6	77.4



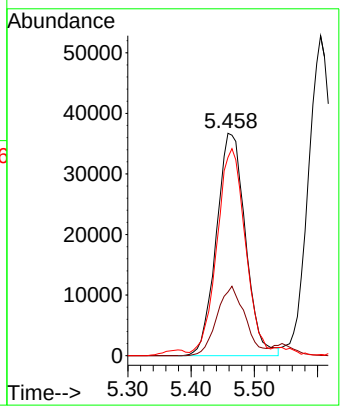


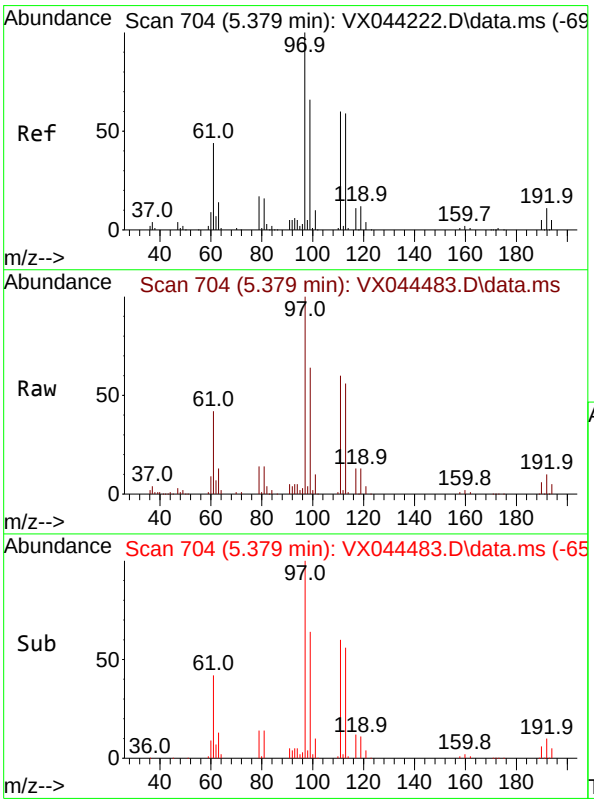
#31
Cyclohexane
Concen: 46.379 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion: 56 Resp: 117000

Ion	Ratio	Lower	Upper
56	100		
69	28.7	24.7	37.1
84	86.5	71.0	106.6

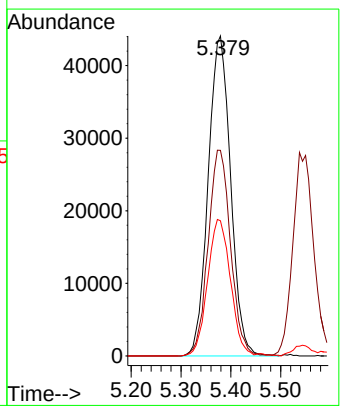


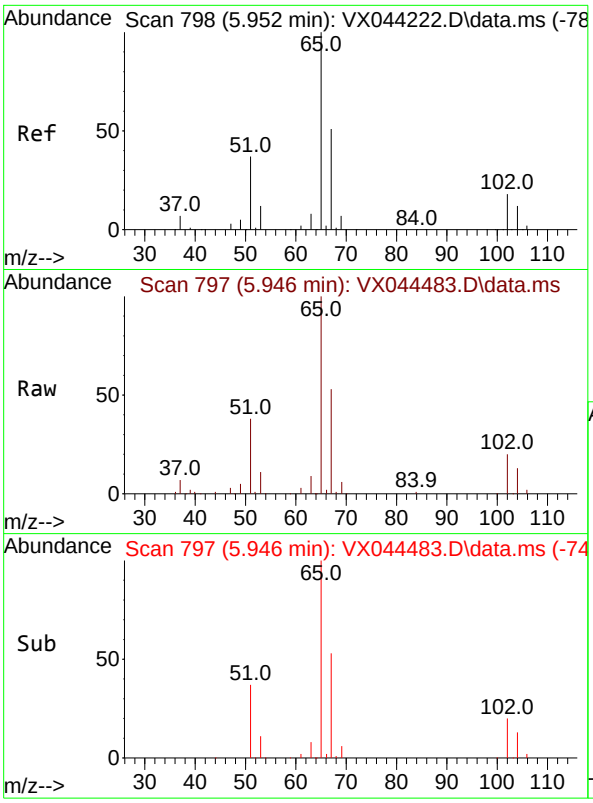


#32
1,1,1-Trichloroethane
Concen: 47.310 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 97 Resp: 137841

Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.8	76.2
61	43.5	35.2	52.8



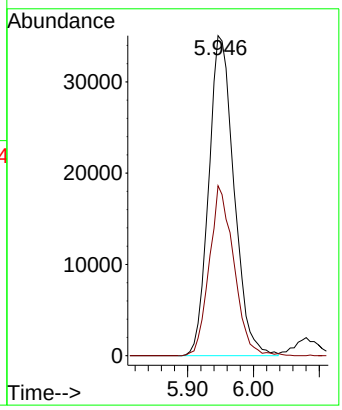


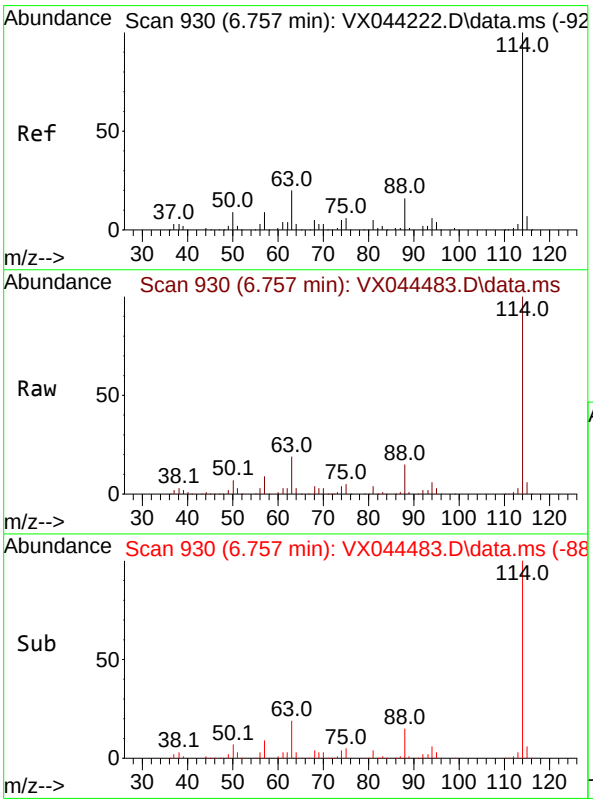
#33
1,2-Dichloroethane-d4
Concen: 40.135 ug/l
RT: 5.946 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion: 65 Resp: 93809

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	101.6

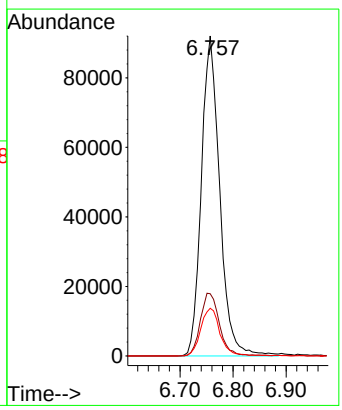


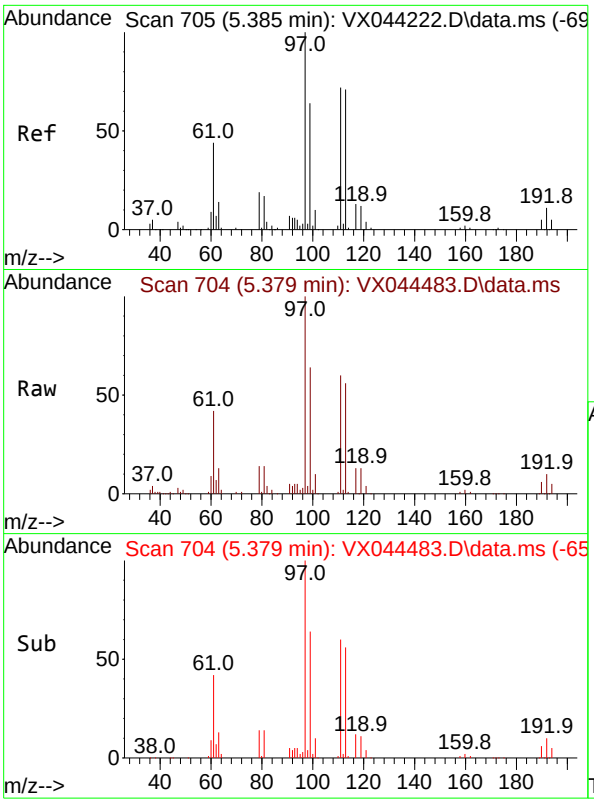


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:114 Resp: 221334

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	40.6
88	14.9	0.0	31.8



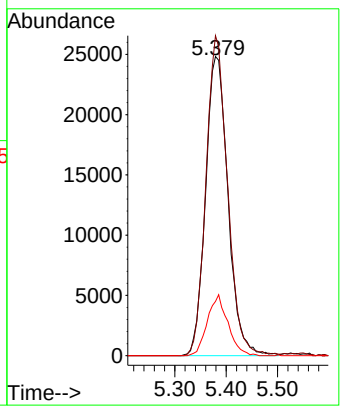


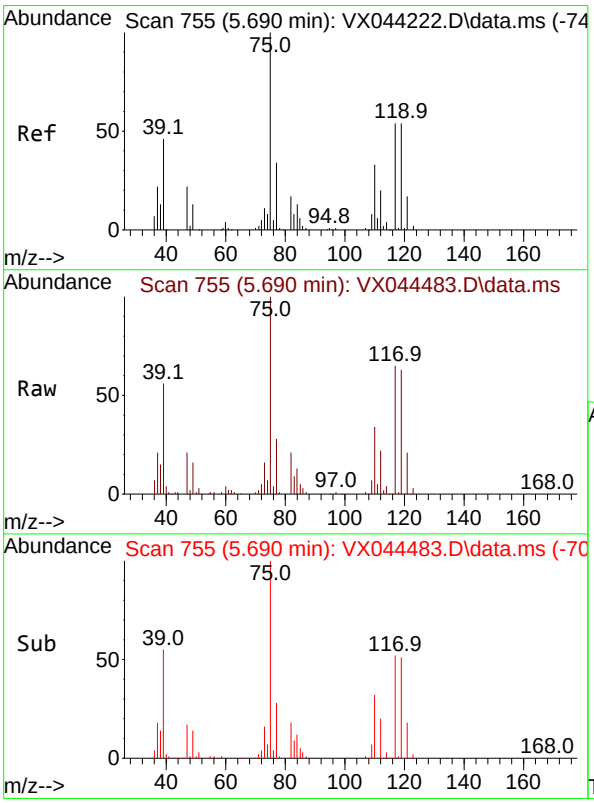
#35
Dibromofluoromethane
Concen: 49.155 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion:113 Resp: 75352

Ion	Ratio	Lower	Upper
113	100		
111	102.8	80.4	120.6
192	18.6	13.3	19.9

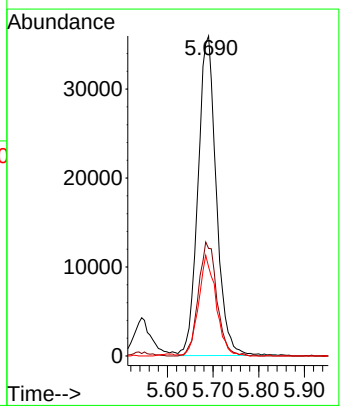


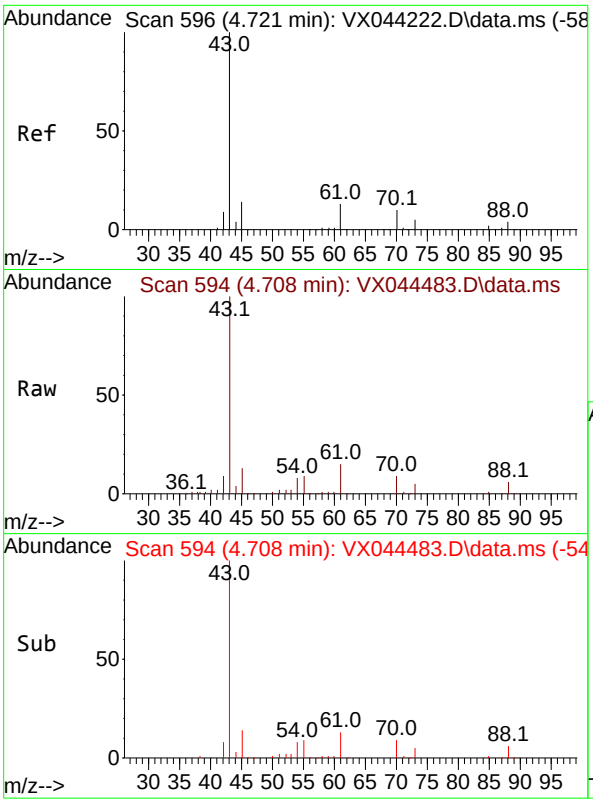


#36
1,1-Dichloropropene
Concen: 50.351 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 75 Resp: 99772

Ion	Ratio	Lower	Upper
75	100		
110	36.0	17.3	51.7
77	30.1	25.4	38.0



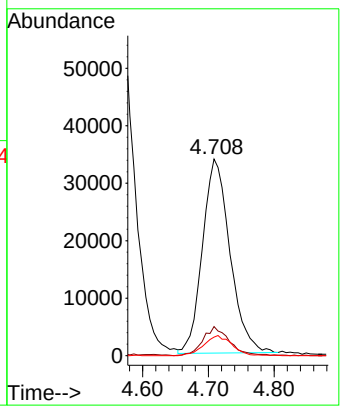


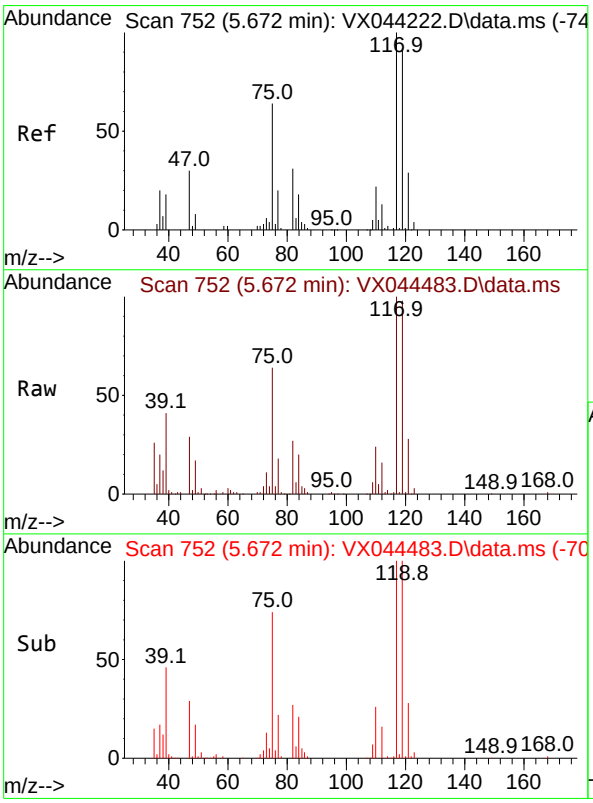
#37
Ethyl Acetate
Concen: 40.198 ug/l
RT: 4.708 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion: 43 Resp: 98461

Ion	Ratio	Lower	Upper
43	100		
61	14.4	9.8	14.8
70	10.6	7.7	11.5

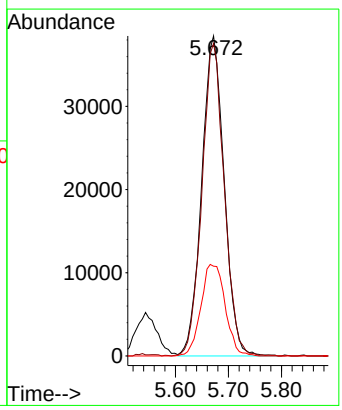


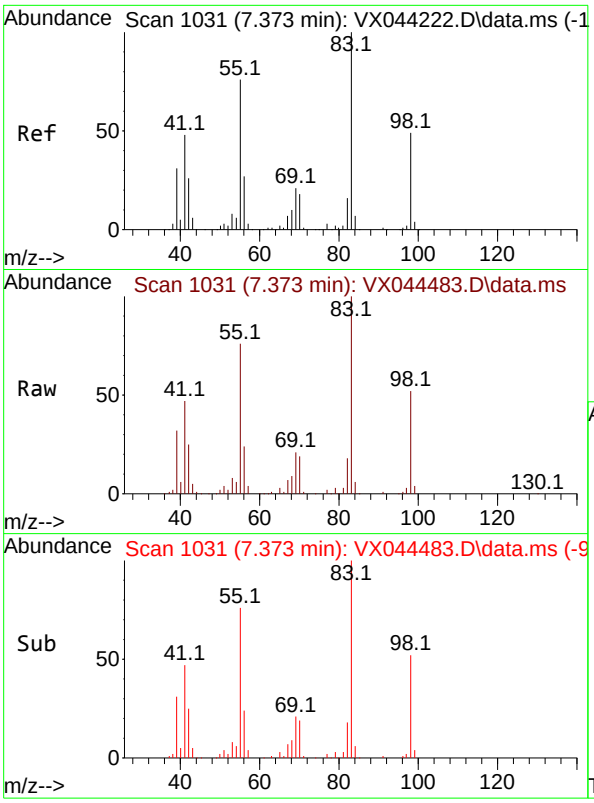


#38
Carbon Tetrachloride
Concen: 53.092 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:117 Resp: 113263

Ion	Ratio	Lower	Upper
117	100		
119	97.7	74.2	111.4
121	28.1	23.0	34.6



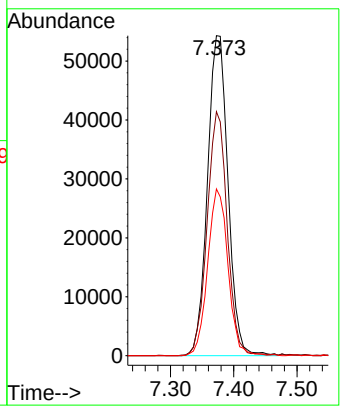


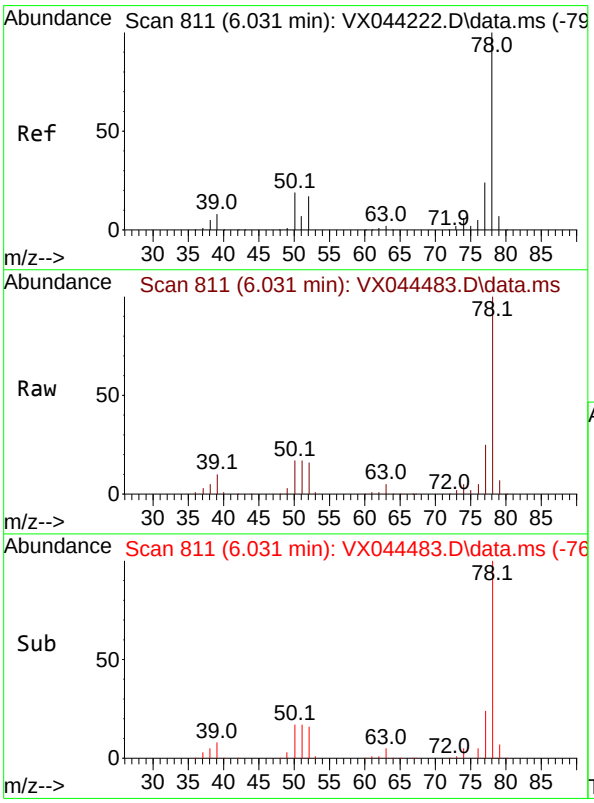
#39
Methylcyclohexane
Concen: 51.718 ug/l
RT: 7.373 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion: 83 Resp: 122514

Ion	Ratio	Lower	Upper
83	100		
55	76.2	60.7	91.1
98	52.1	38.9	58.3

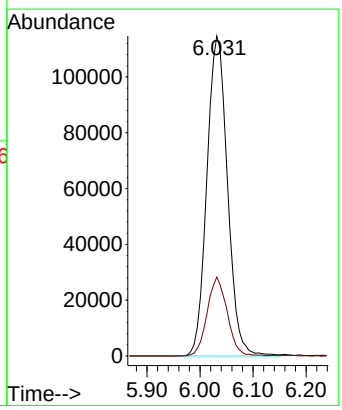


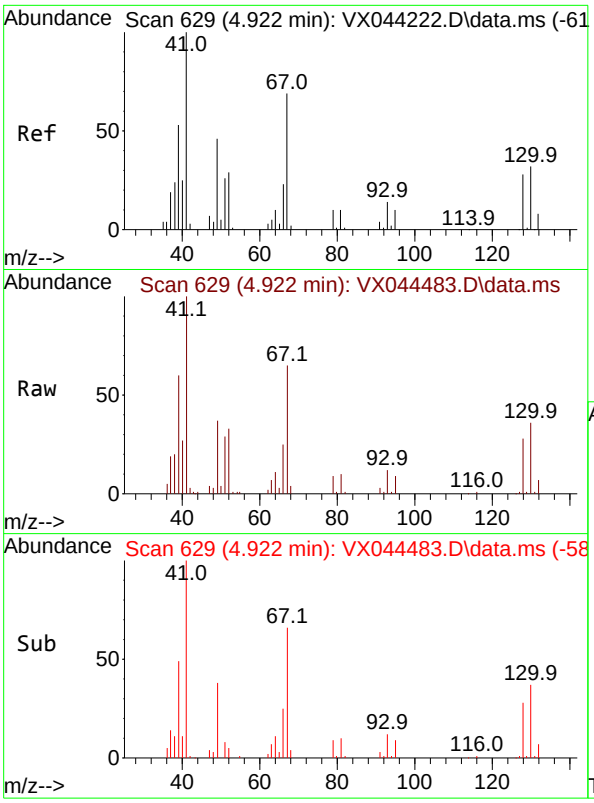


#40
Benzene
Concen: 51.519 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 78 Resp: 309954

Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.3	28.9



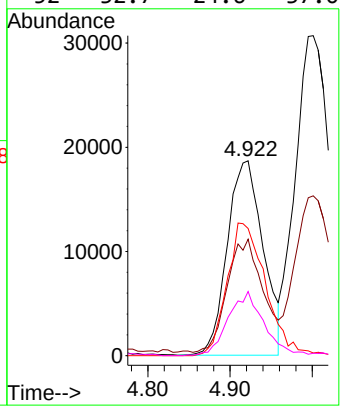


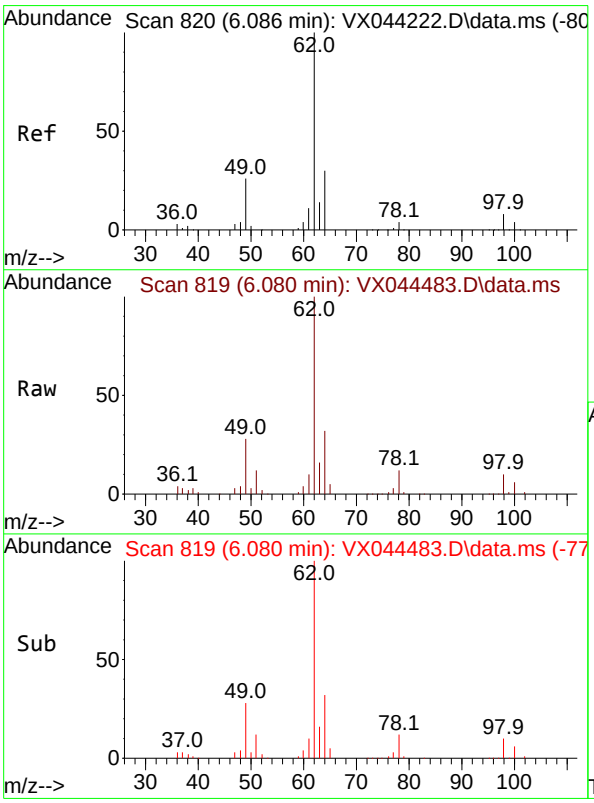
#41
Methacrylonitrile
Concen: 43.580 ug/l
RT: 4.922 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion: 41 Resp: 56683

Ion	Ratio	Lower	Upper
41	100		
39	57.8	44.2	66.4
67	73.4	57.2	85.8
52	32.7	24.6	37.0

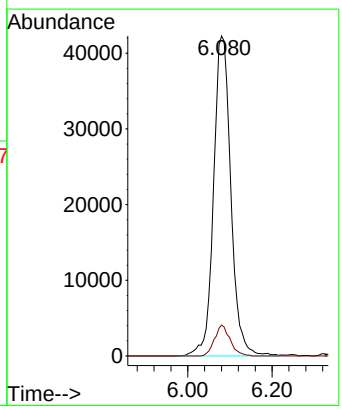


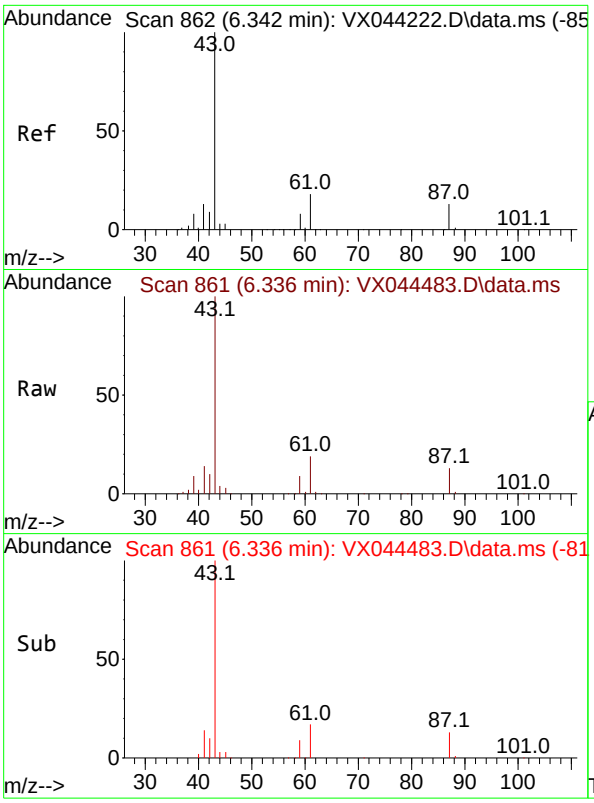


#42
1,2-Dichloroethane
Concen: 48.447 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 62 Resp: 120065

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	15.8



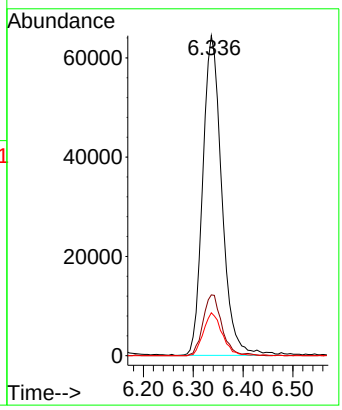


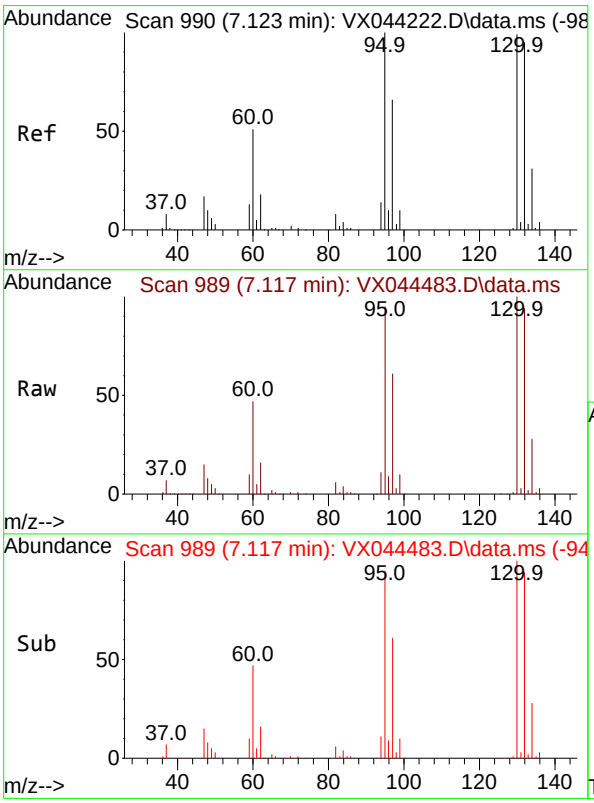
#43
Isopropyl Acetate
Concen: 44.675 ug/l
RT: 6.336 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion: 43 Resp: 171036

Ion	Ratio	Lower	Upper
43	100		
61	18.8	14.2	21.2
87	13.2	10.2	15.2

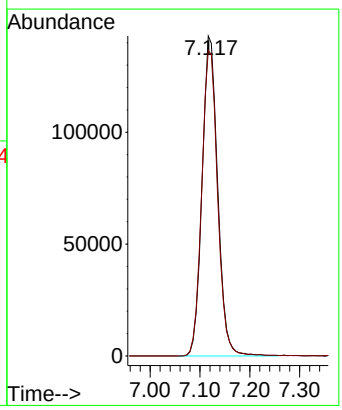


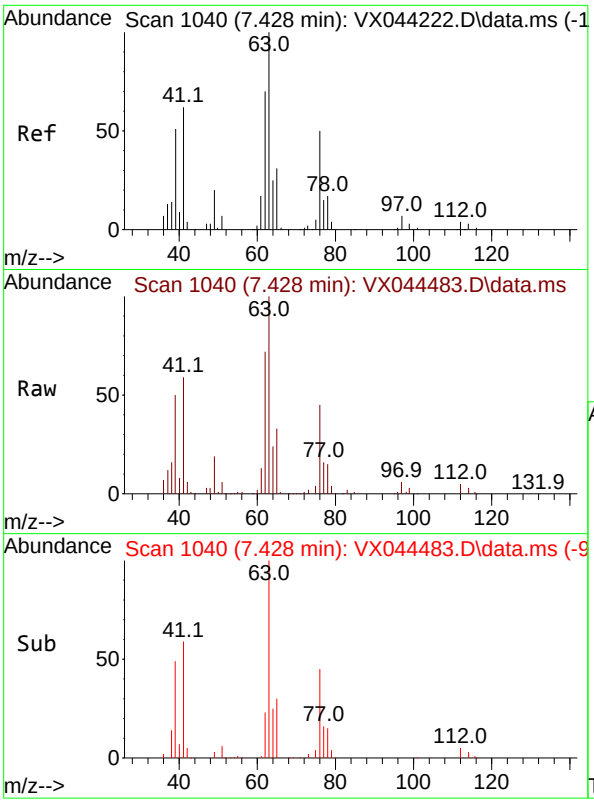


#44
Trichloroethene
Concen: 206.520 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:130 Resp: 309842

Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	201.4



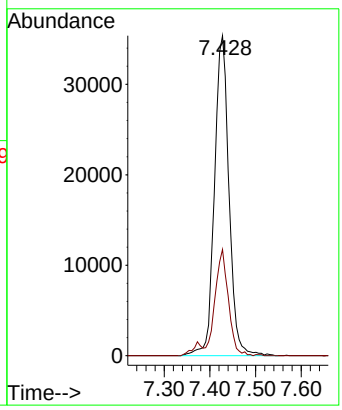


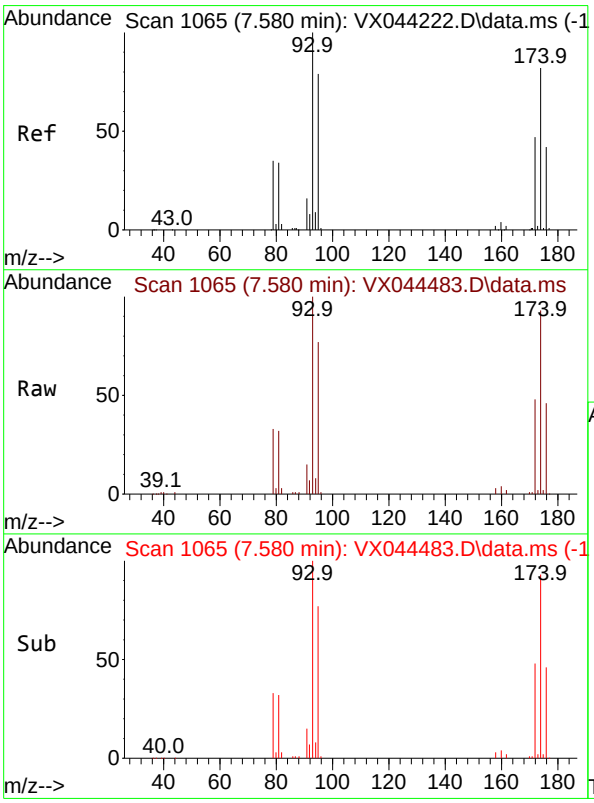
#45
1,2-Dichloropropane
Concen: 50.923 ug/l
RT: 7.428 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion: 63 Resp: 78272

Ion	Ratio	Lower	Upper
63	100		
65	33.2	24.6	37.0

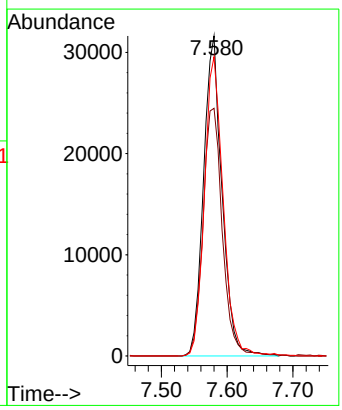


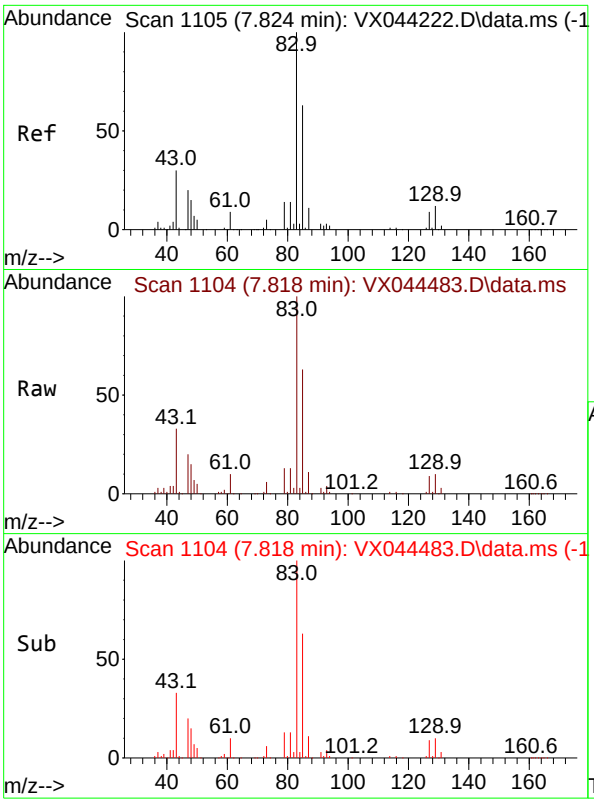


#46
Dibromomethane
Concen: 51.651 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 93 Resp: 61591

Ion	Ratio	Lower	Upper
93	100		
95	81.3	65.4	98.2
174	95.4	67.9	101.9



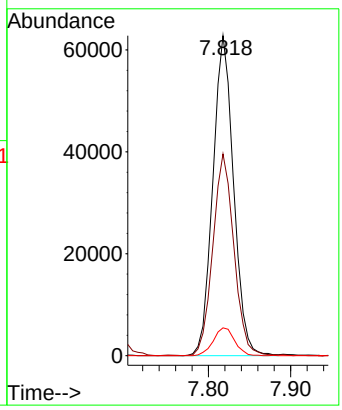


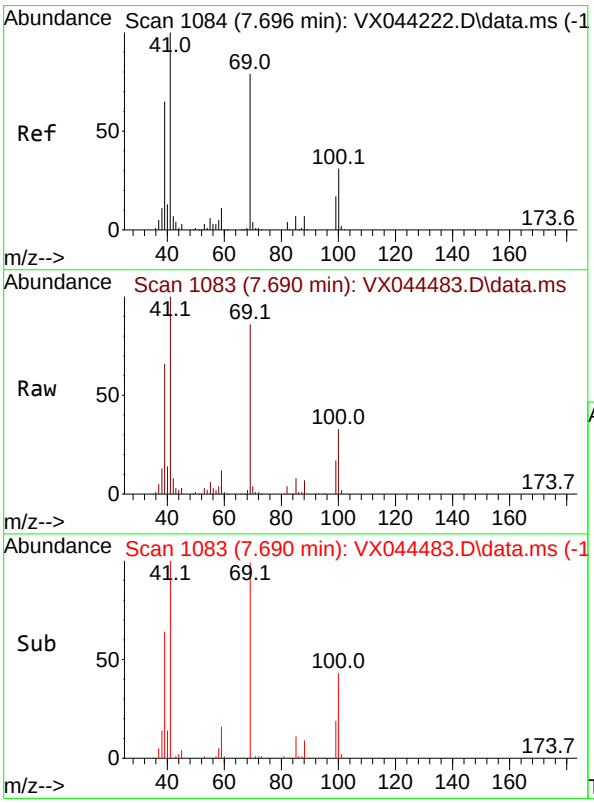
#47
Bromodichloromethane
Concen: 53.391 ug/l
RT: 7.818 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion: 83 Resp: 109954

Ion	Ratio	Lower	Upper
83	100		
85	62.9	50.6	75.8
127	8.7	7.3	10.9

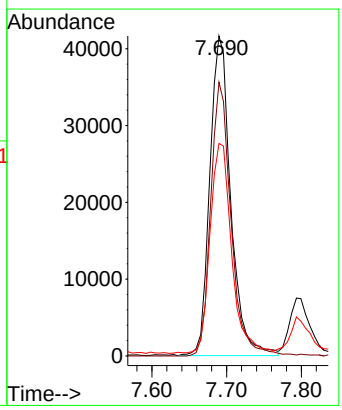


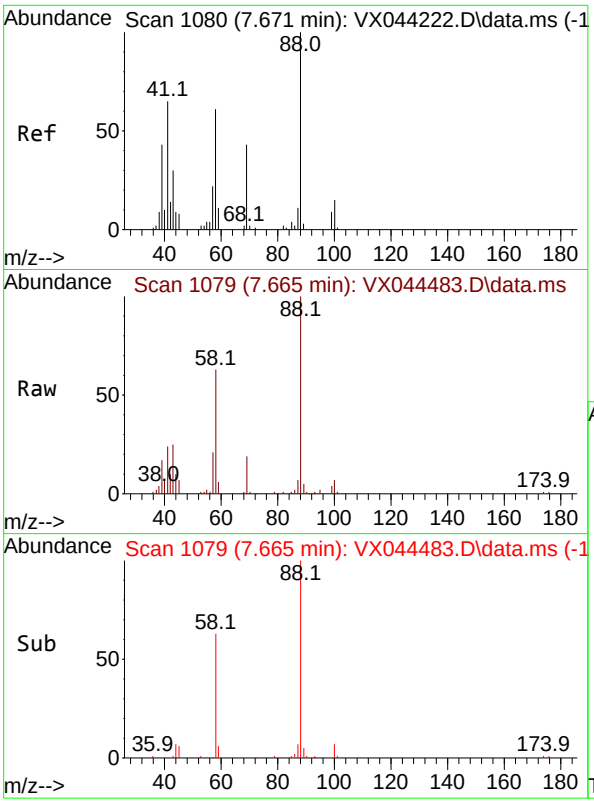


#48
Methyl methacrylate
Concen: 43.699 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 41 Resp: 81210

Ion	Ratio	Lower	Upper
41	100		
69	83.3	62.4	93.6
39	67.7	53.3	79.9



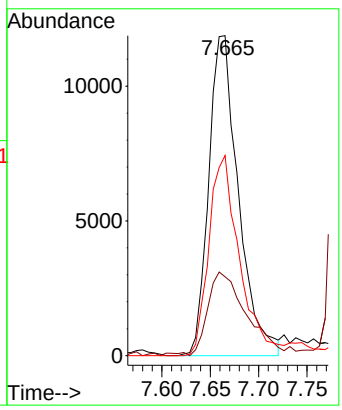


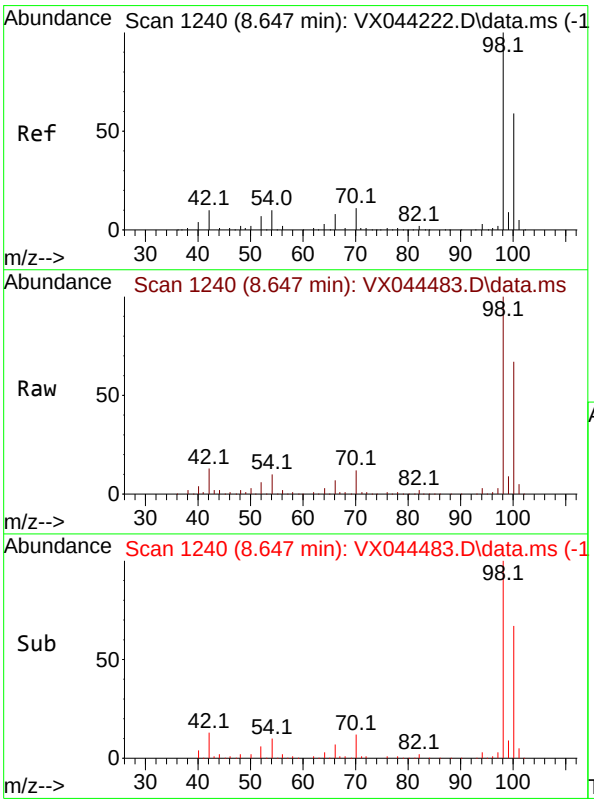
#49
1,4-Dioxane
Concen: 825.171 ug/l
RT: 7.665 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion: 88 Resp: 25425

Ion	Ratio	Lower	Upper
88	100		
43	33.6	27.1	40.7
58	64.3	41.0	61.4#

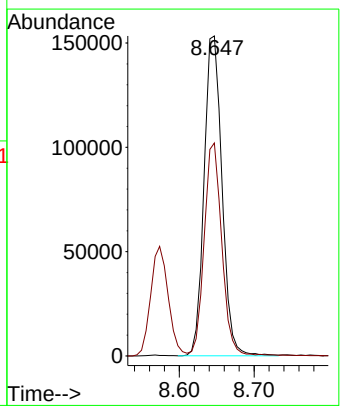


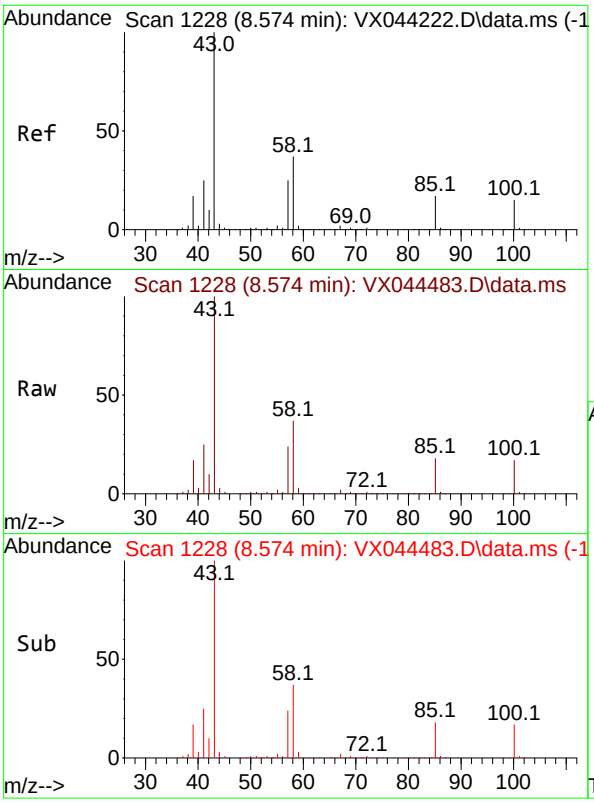


#50
Toluene-d8
Concen: 49.354 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 98 Resp: 255246

Ion	Ratio	Lower	Upper
98	100		
100	66.0	51.5	77.3



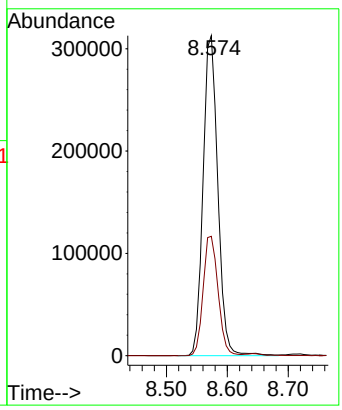


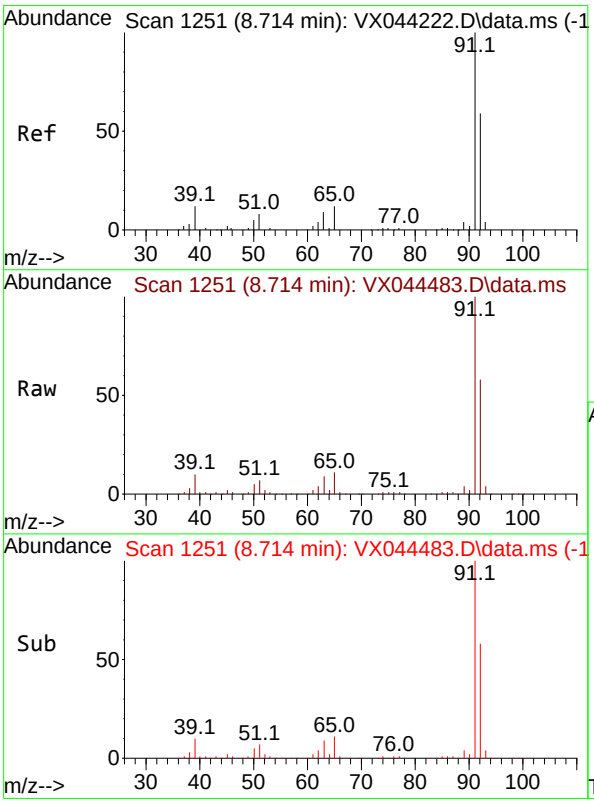
#51
4-Methyl-2-Pentanone
Concen: 213.645 ug/l
RT: 8.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion: 43 Resp: 525905

Ion	Ratio	Lower	Upper
43	100		
58	37.9	29.4	44.0

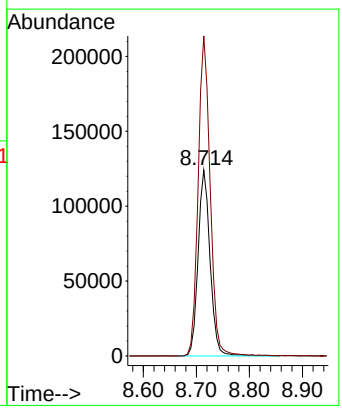


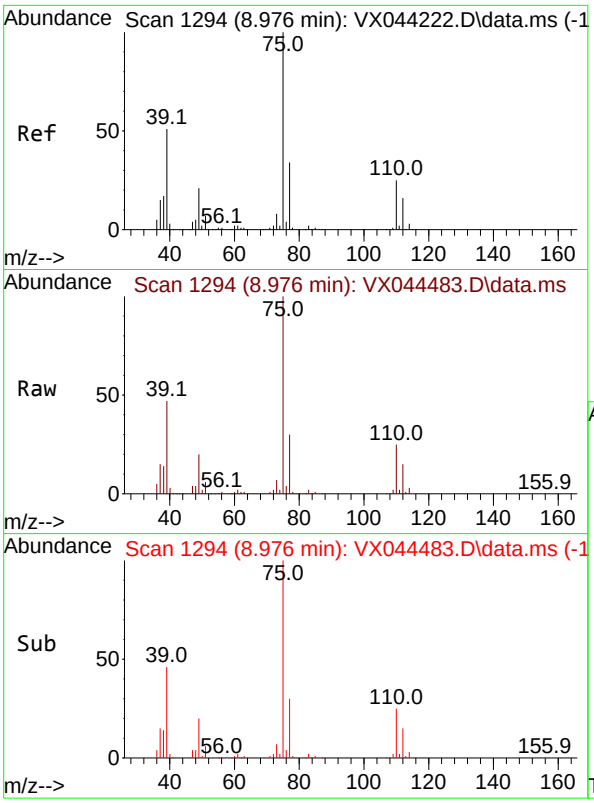


#52
Toluene
Concen: 51.577 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 92 Resp: 194861

Ion	Ratio	Lower	Upper
92	100		
91	172.8	137.0	205.6



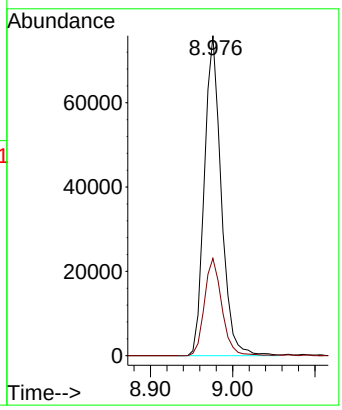


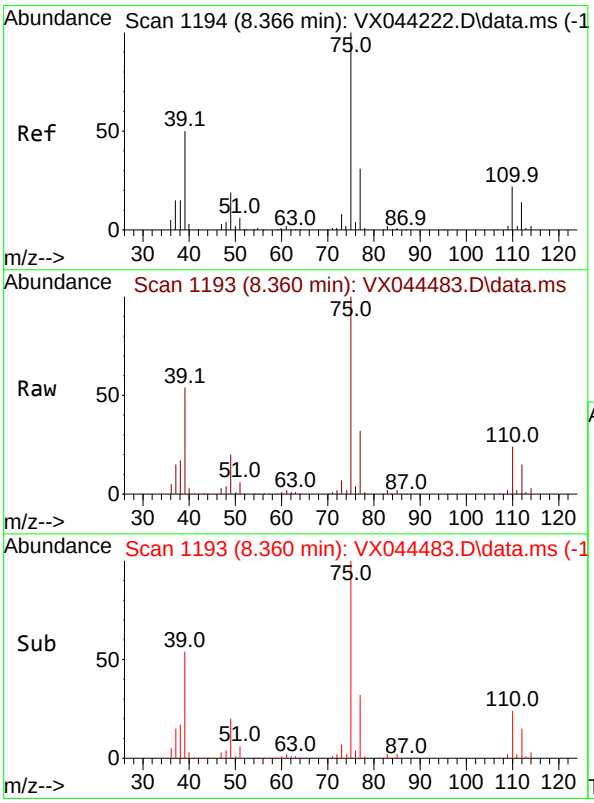
#53
t-1,3-Dichloropropene
Concen: 49.124 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion: 75 Resp: 108457

Ion	Ratio	Lower	Upper
75	100		
77	30.4	27.2	40.8

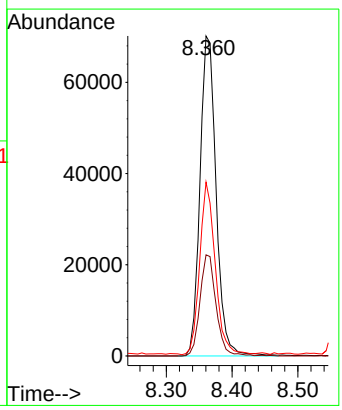


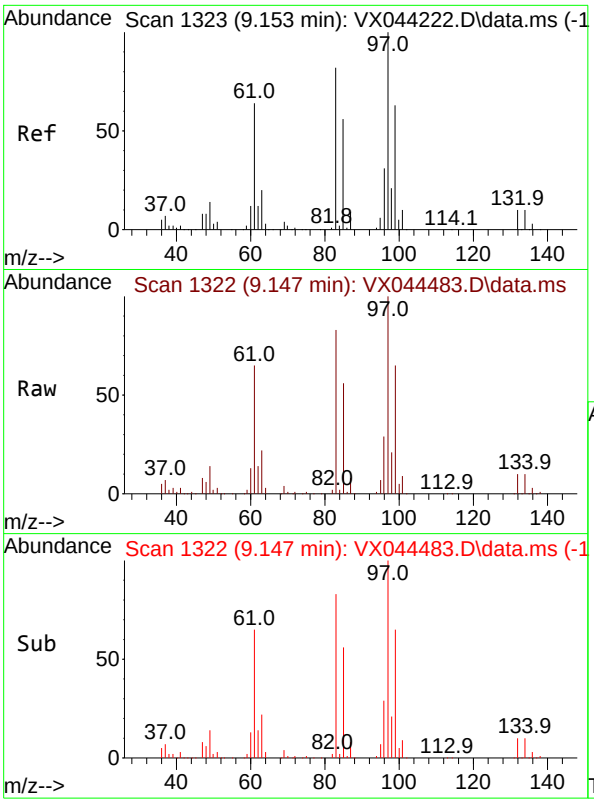


#54
cis-1,3-Dichloropropene
Concen: 53.318 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 75 Resp: 119559

Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.7	37.1
39	53.7	40.3	60.5



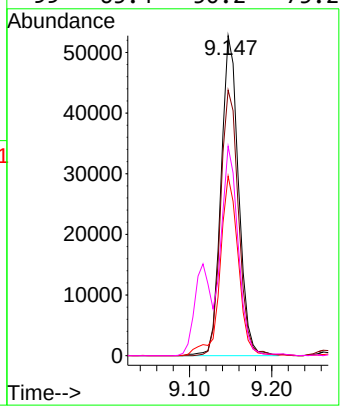


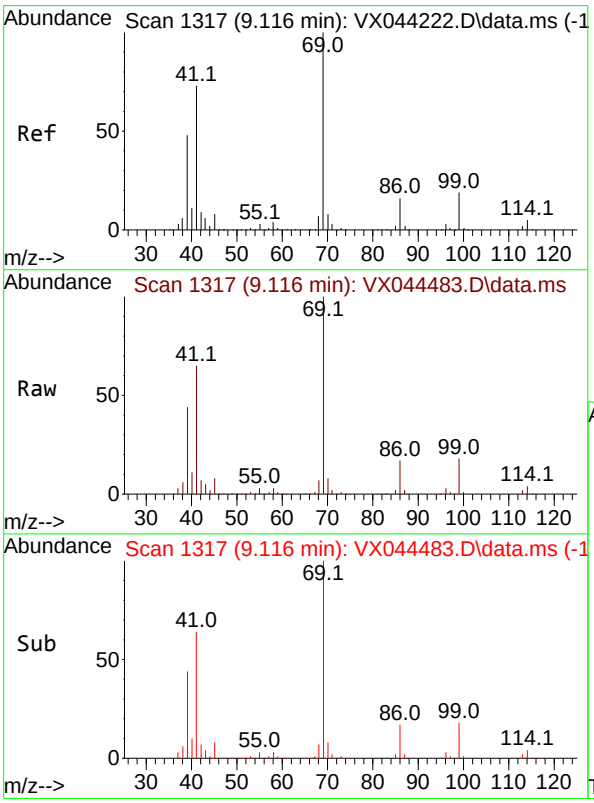
#55
1,1,2-Trichloroethane
Concen: 52.130 ug/l
RT: 9.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion: 97 Resp: 78243

Ion	Ratio	Lower	Upper
97	100		
83	83.0	65.3	97.9
85	56.1	44.6	67.0
99	65.4	50.2	75.2

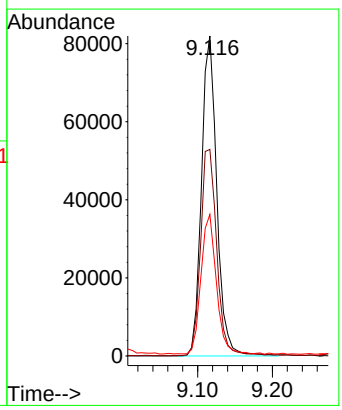


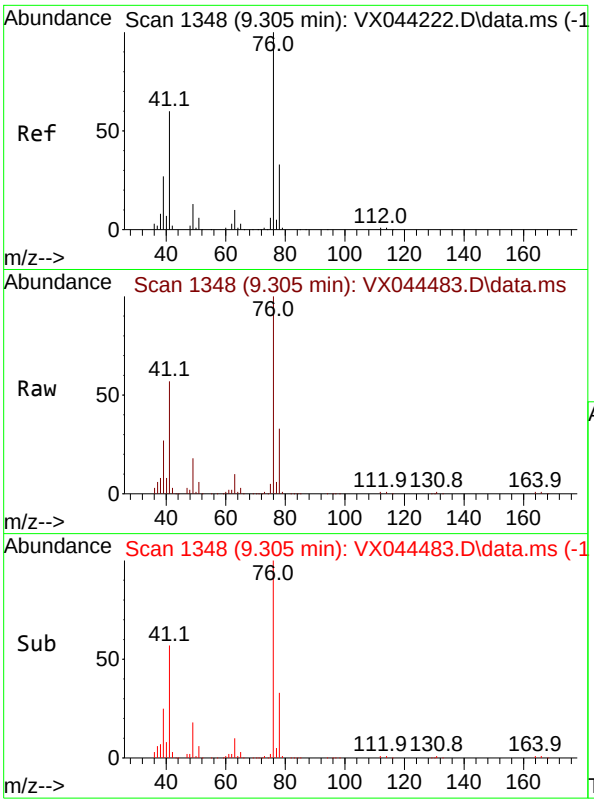


#56
Ethyl methacrylate
Concen: 49.294 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 69 Resp: 116799

Ion	Ratio	Lower	Upper
69	100		
41	68.3	56.6	85.0
39	43.5	37.4	56.0



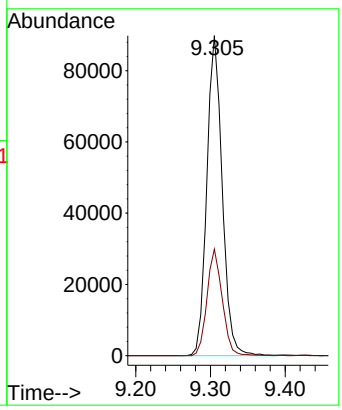


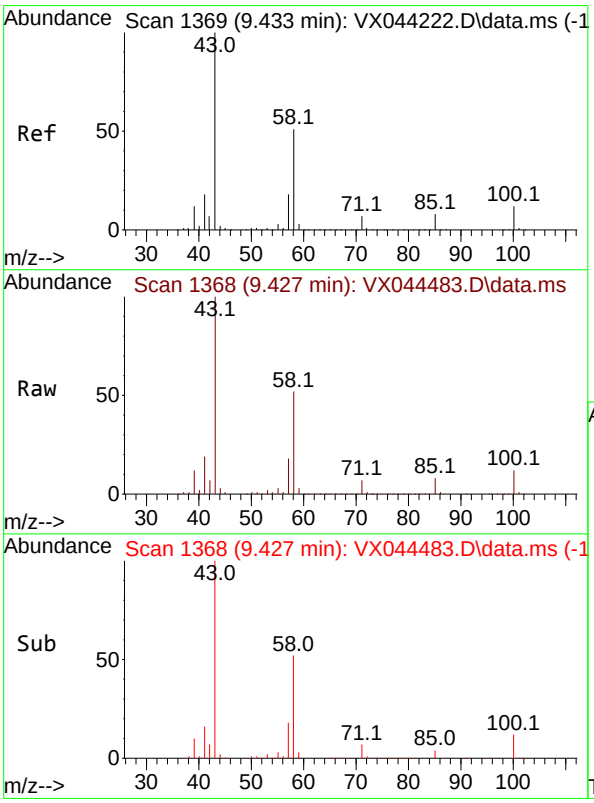
#57
1,3-Dichloropropane
Concen: 49.115 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion: 76 Resp: 128311

Ion	Ratio	Lower	Upper
76	100		
78	33.0	26.5	39.7

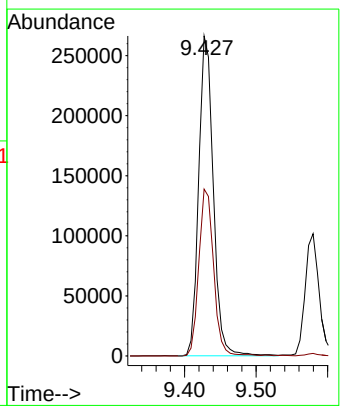


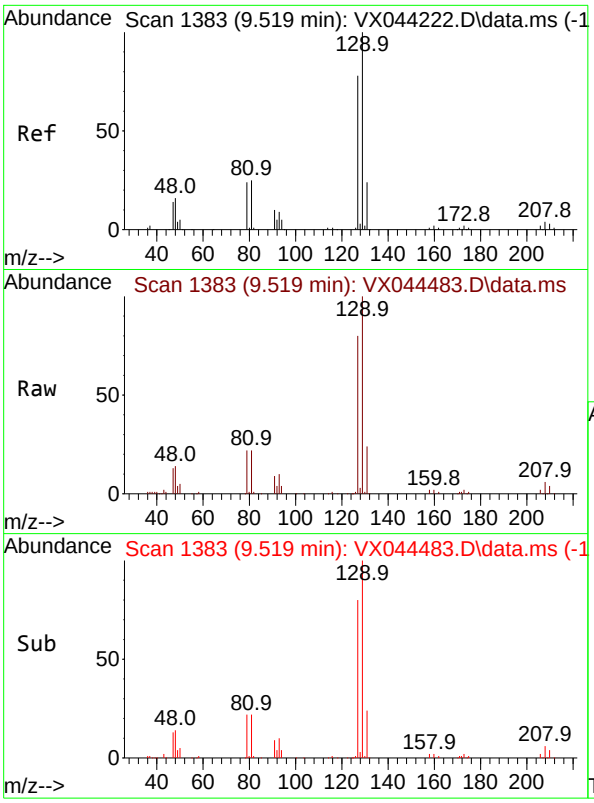


#59
2-Hexanone
Concen: 212.029 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 43 Resp: 377783

Ion	Ratio	Lower	Upper
43	100		
58	52.8	25.7	77.0



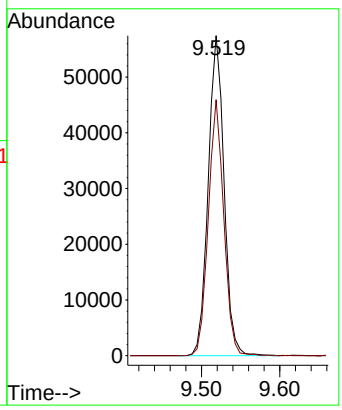


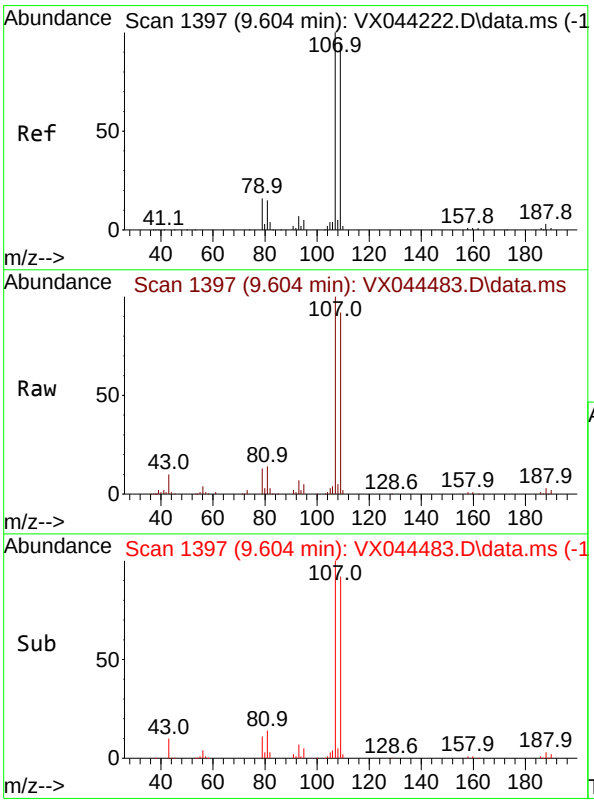
#60
Dibromochloromethane
Concen: 50.610 ug/l
RT: 9.519 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion:129 Resp: 80512

Ion	Ratio	Lower	Upper
129	100		
127	78.0	38.5	115.3

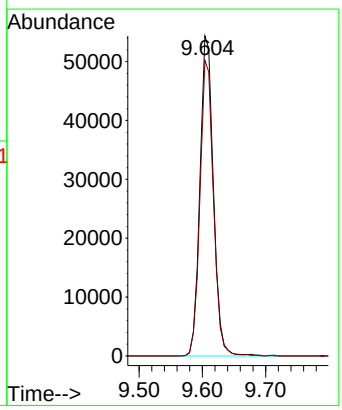


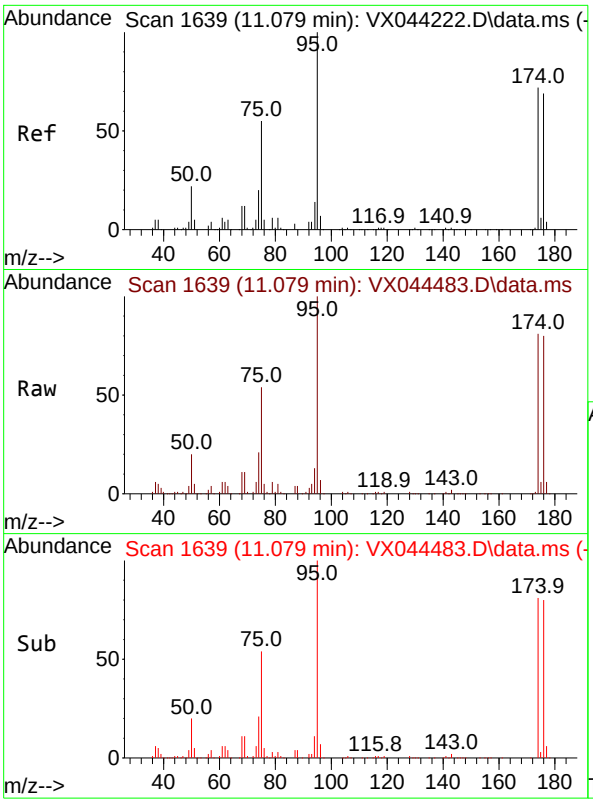


#61
1,2-Dibromoethane
Concen: 52.674 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:107 Resp: 80473

Ion	Ratio	Lower	Upper
107	100		
109	92.9	77.0	115.4



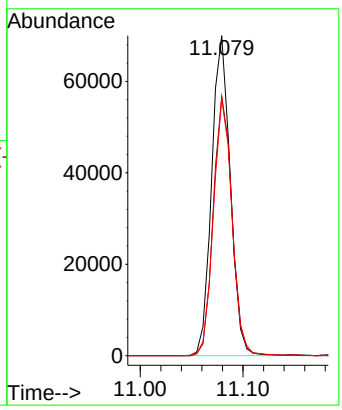


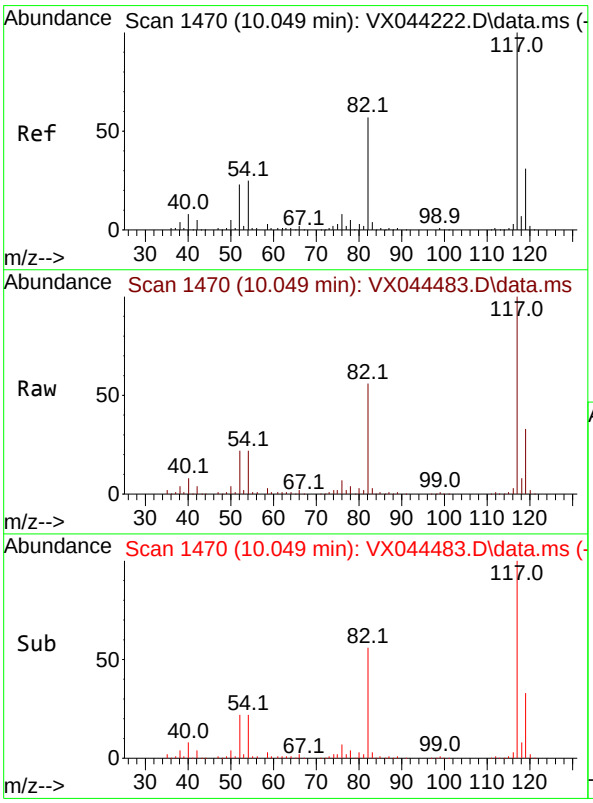
#62
4-Bromofluorobenzene
Concen: 48.724 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion: 95 Resp: 88050

Ion	Ratio	Lower	Upper
95	100		
174	81.4	0.0	145.8
176	80.3	0.0	137.8

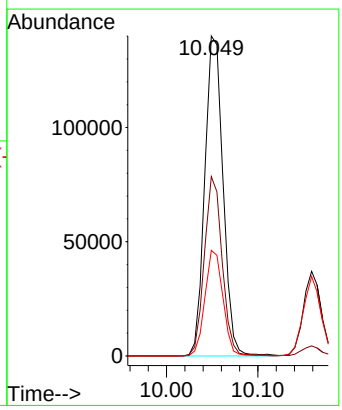


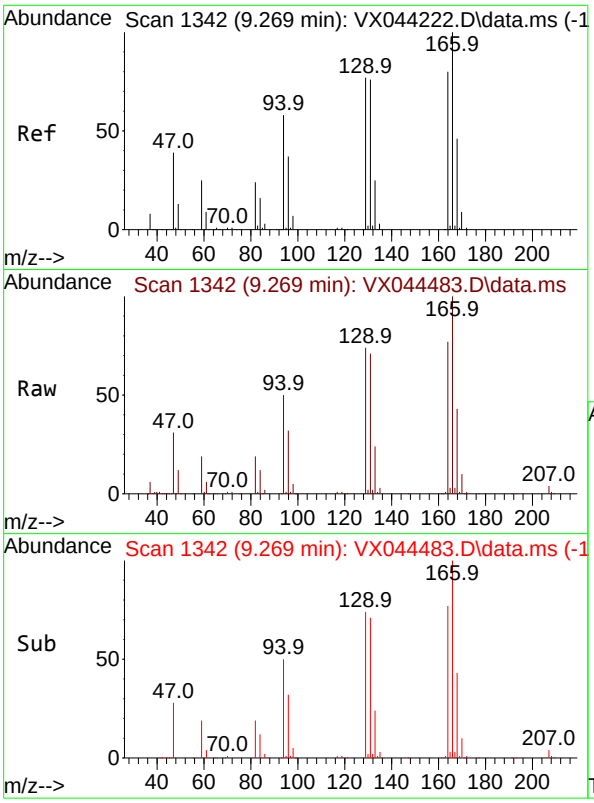


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:117 Resp: 194386

Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.8	68.8
119	33.0	25.0	37.4



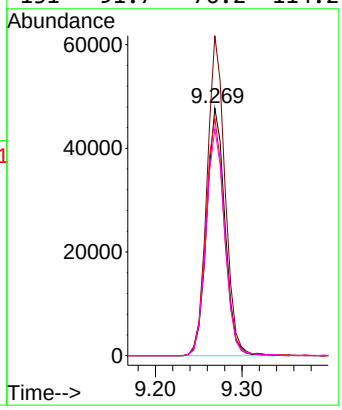


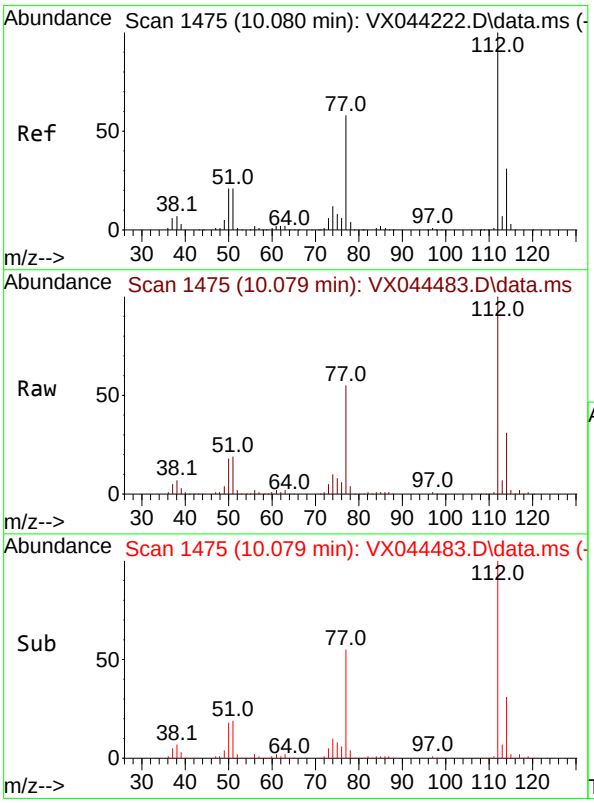
#64
Tetrachloroethene
Concen: 54.079 ug/l
RT: 9.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion:164 Resp: 69771

Ion	Ratio	Lower	Upper
164	100		
166	129.3	100.4	150.6
129	95.9	77.2	115.8
131	91.7	76.2	114.2

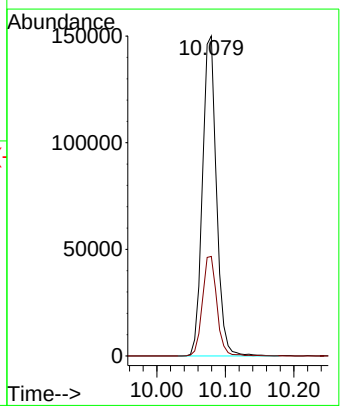


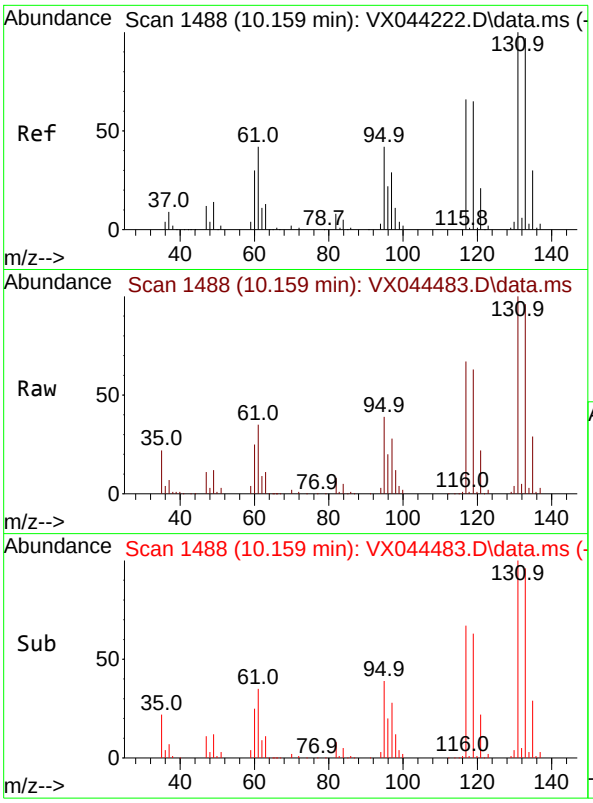


#65
Chlorobenzene
Concen: 51.344 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:112 Resp: 213861

Ion	Ratio	Lower	Upper
112	100		
114	31.1	25.0	37.6



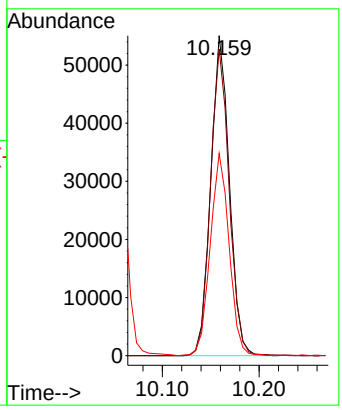


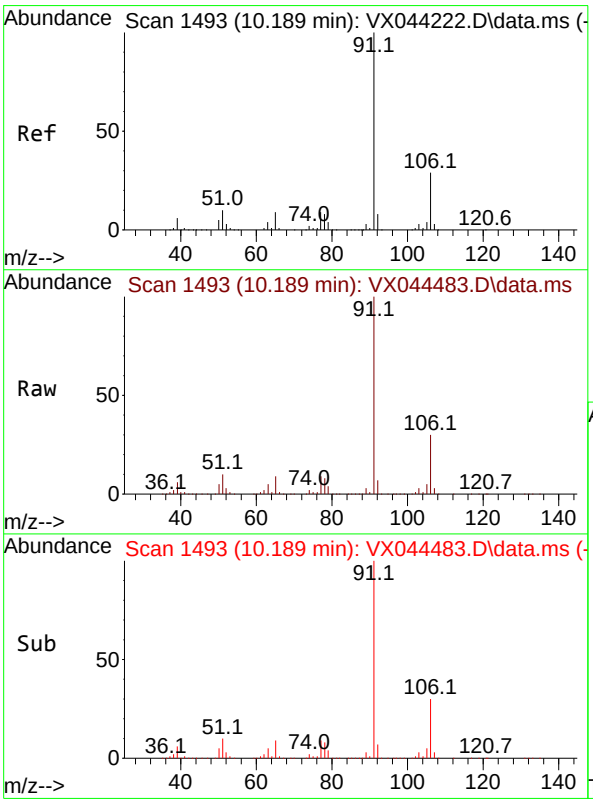
#66
1,1,1,2-Tetrachloroethane
Concen: 55.034 ug/l
RT: 10.159 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion:131 Resp: 73672

Ion	Ratio	Lower	Upper
131	100		
133	96.4	47.3	141.8
119	64.1	31.6	95.0

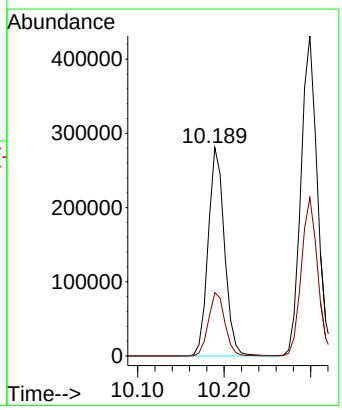


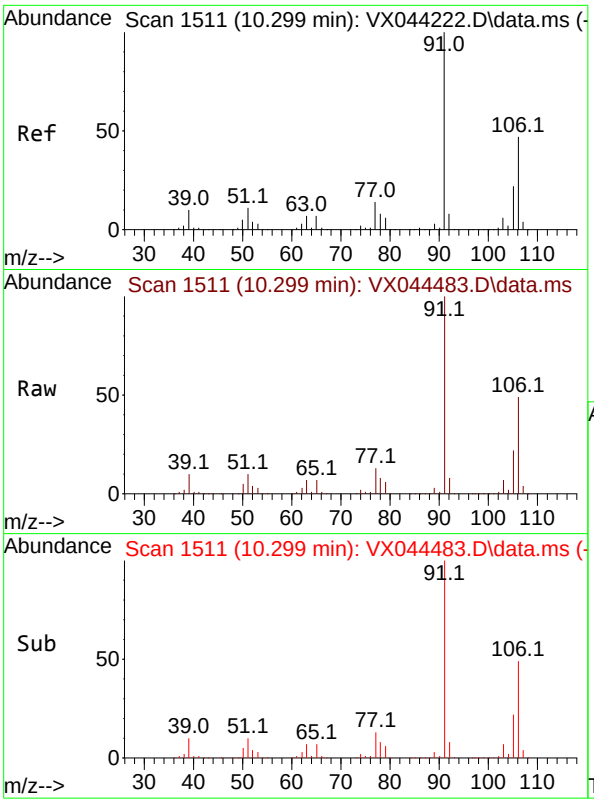


#67
Ethyl Benzene
Concen: 51.010 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 91 Resp: 367112

Ion	Ratio	Lower	Upper
91	100		
106	30.4	23.5	35.3



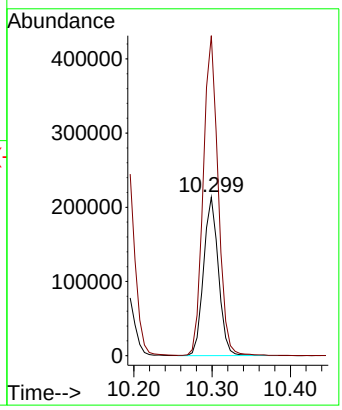


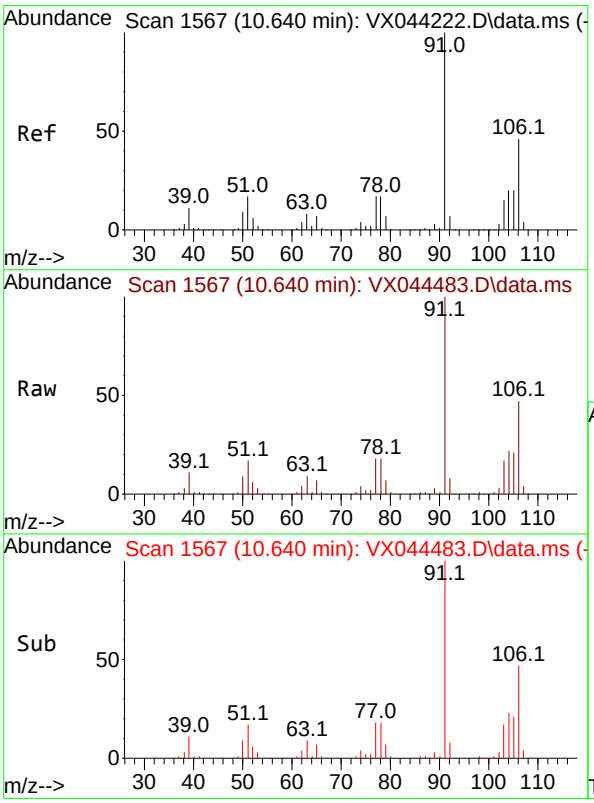
#68
m/p-Xylenes
Concen: 106.061 ug/l
RT: 10.299 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion:106 Resp: 280090

Ion	Ratio	Lower	Upper
106	100		
91	203.2	170.2	255.2

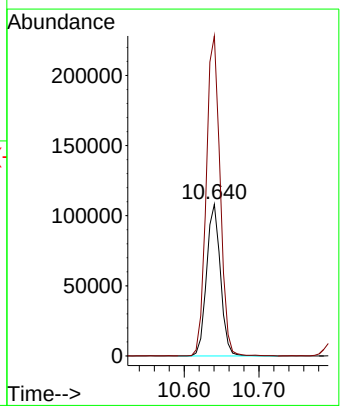


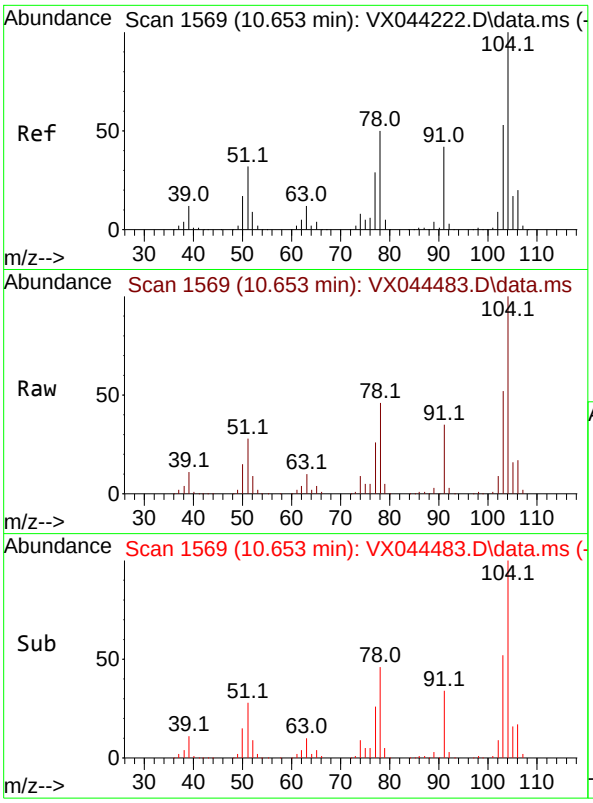


#69
o-Xylene
Concen: 52.012 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:106 Resp: 138976

Ion	Ratio	Lower	Upper
106	100		
91	211.8	112.3	337.0



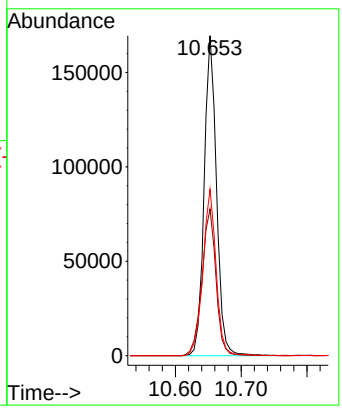


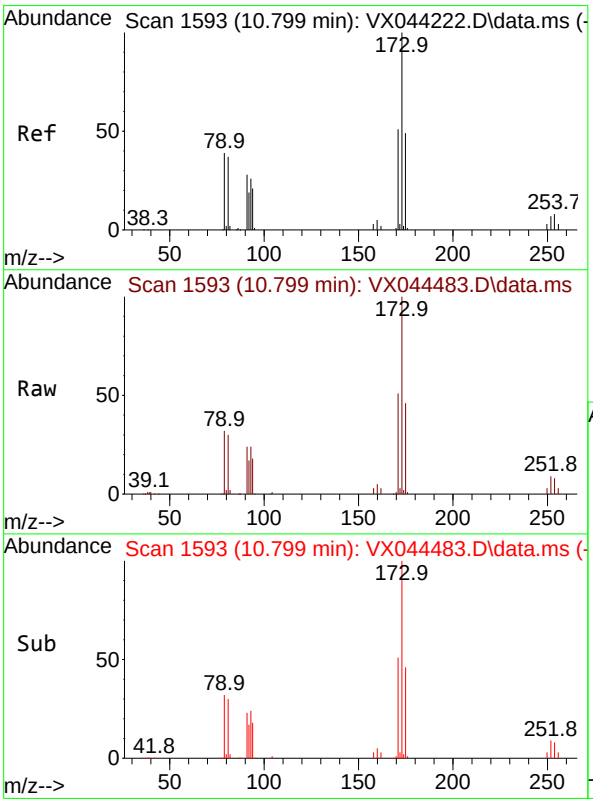
#70
Styrene
Concen: 51.623 ug/l
RT: 10.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion:104 Resp: 221123

Ion	Ratio	Lower	Upper
104	100		
78	52.1	44.6	67.0
103	55.9	45.4	68.0

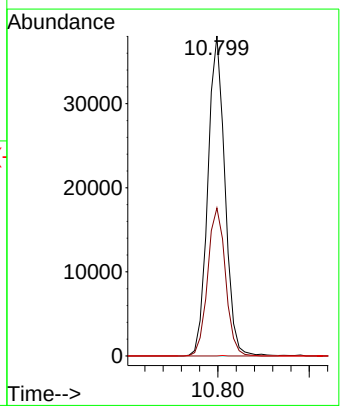


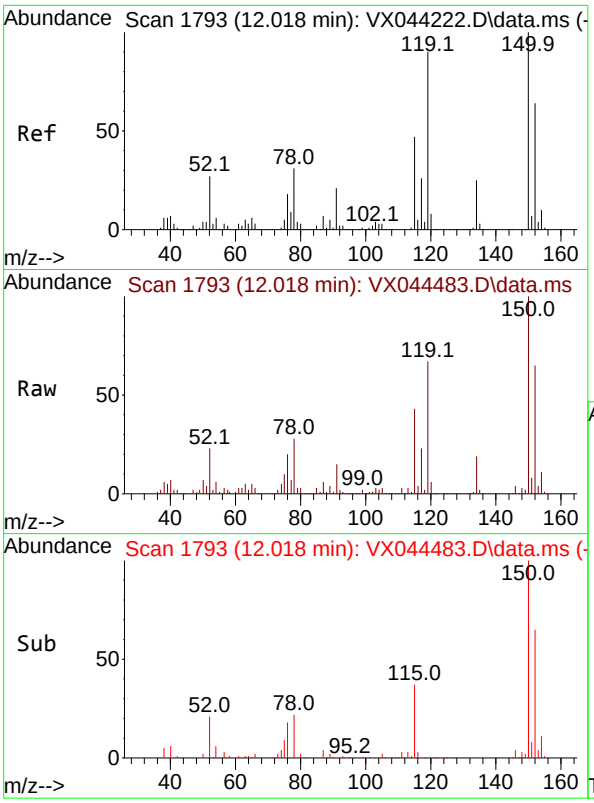


#71
Bromoform
Concen: 52.302 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:173 Resp: 49218

Ion	Ratio	Lower	Upper
173	100		
175	48.3	23.8	71.4
254	0.0	0.0	0.0#



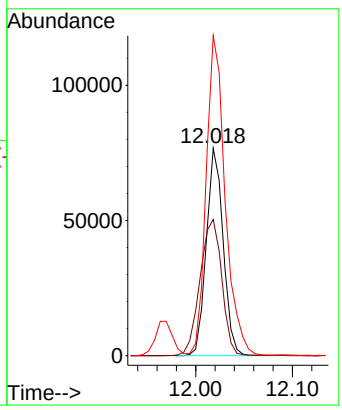


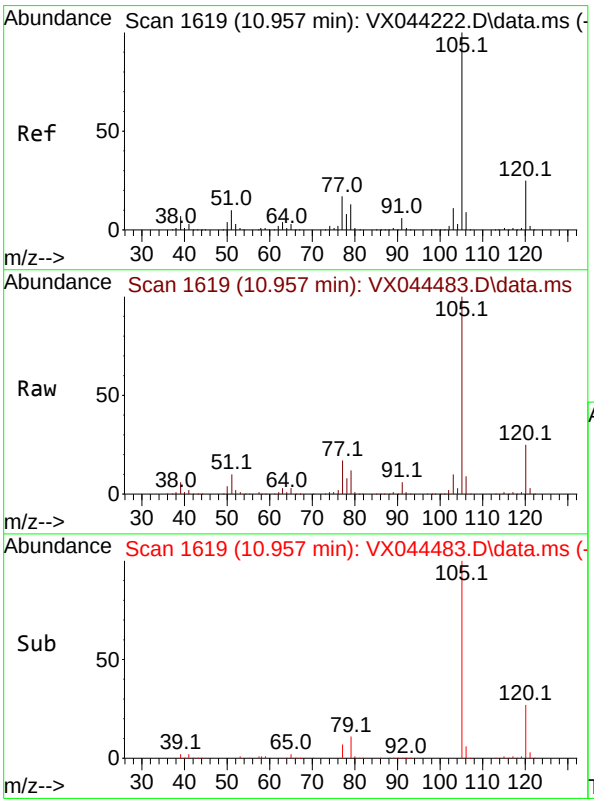
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion:152 Resp: 93024

Ion	Ratio	Lower	Upper
152	100		
115	84.9	44.5	133.3
150	173.4	0.0	353.8

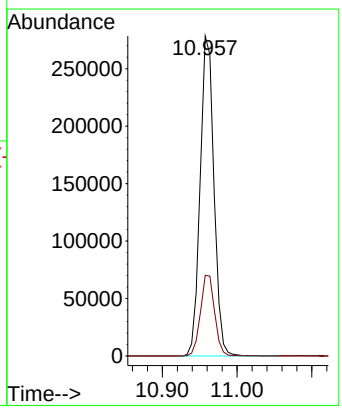


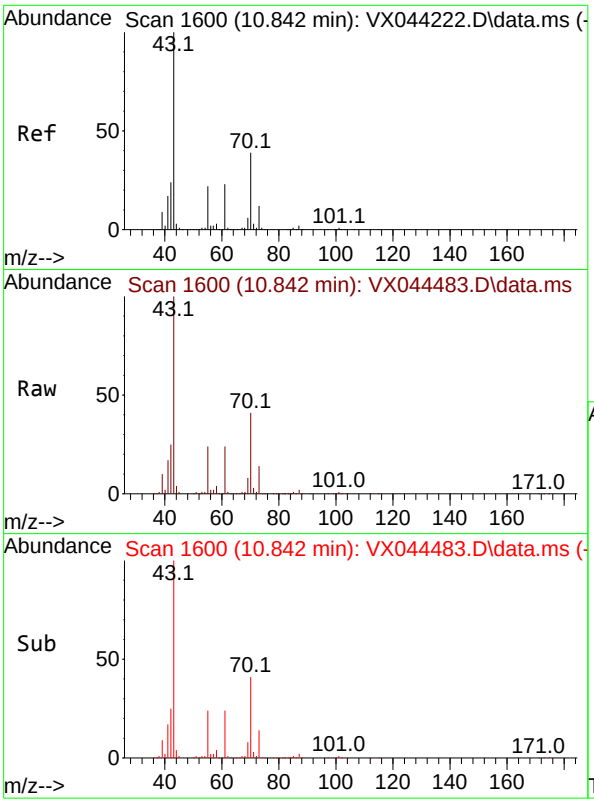


#73
Isopropylbenzene
Concen: 50.176 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:105 Resp: 357321

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.1	39.3



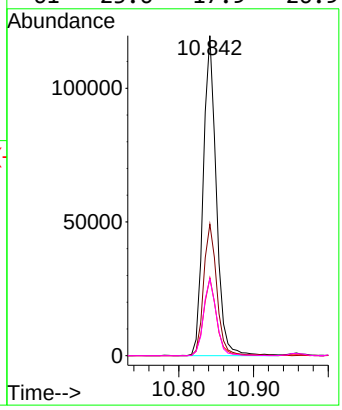


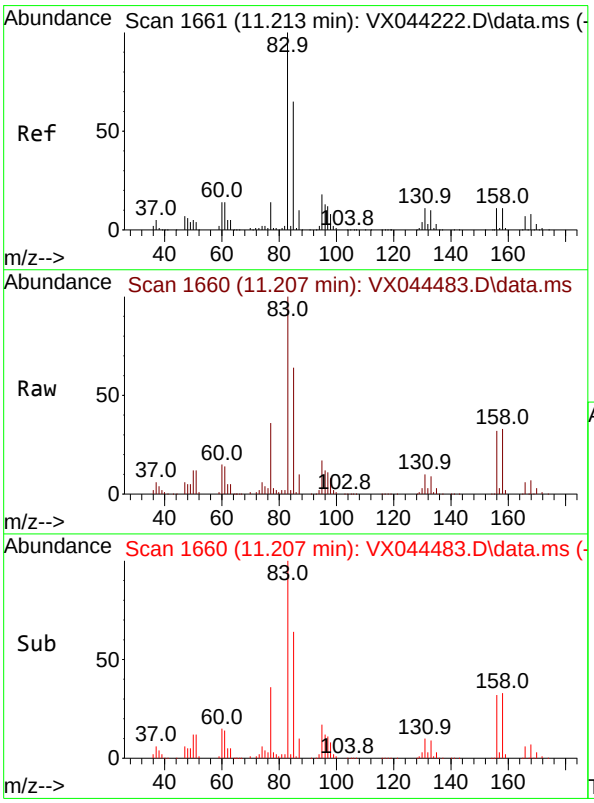
#74
N-amyl acetate
Concen: 44.058 ug/l
RT: 10.842 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion: 43 Resp: 145004

Ion	Ratio	Lower	Upper
43	100		
70	41.7	31.9	47.9
55	24.2	17.9	26.9
61	23.6	17.9	26.9

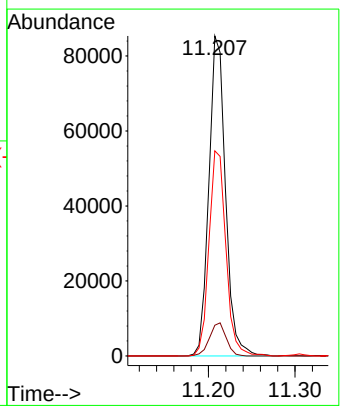


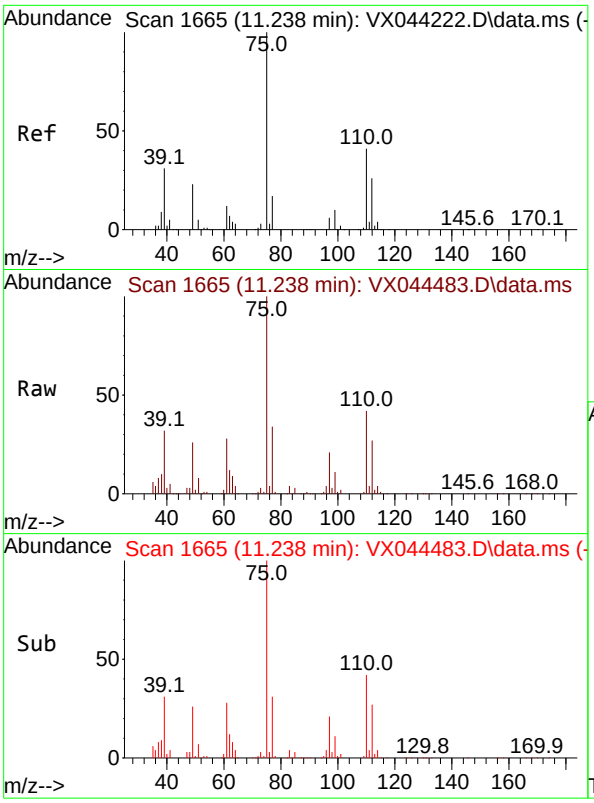


#75
1,1,2,2-Tetrachloroethane
Concen: 46.050 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 83 Resp: 113904

Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.1	15.4
85	65.2	32.5	97.4



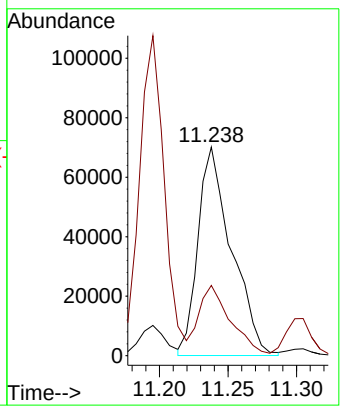


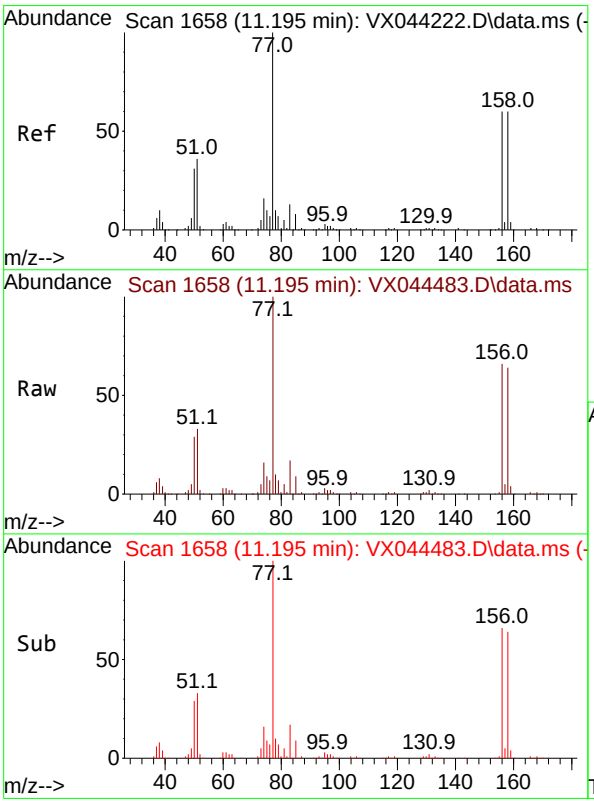
#76
1,2,3-Trichloropropane
Concen: 57.605 ug/l
RT: 11.238 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion: 75 Resp: 119645

Ion	Ratio	Lower	Upper
75	100		
77	31.9	20.9	62.7

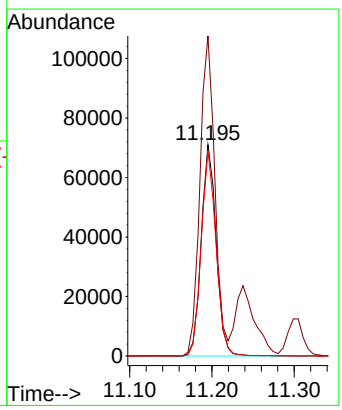


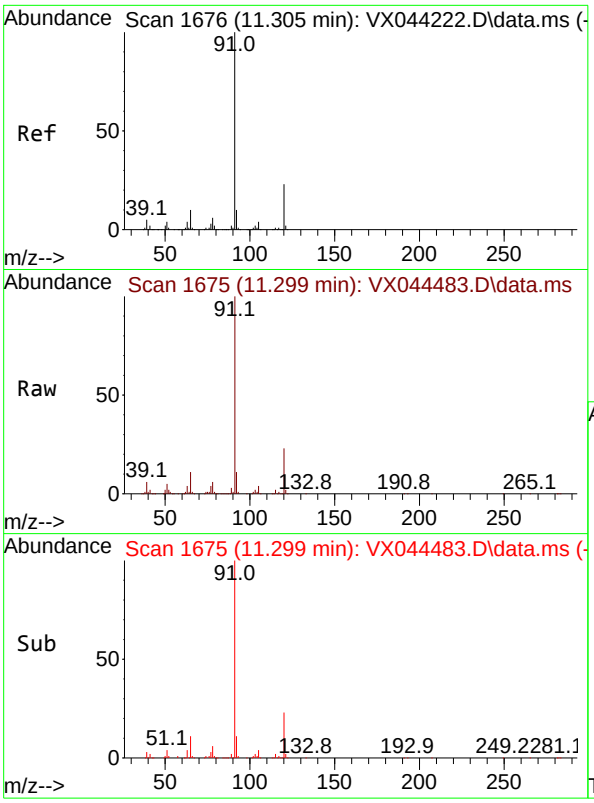


#77
Bromobenzene
Concen: 51.802 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:156 Resp: 89457

Ion	Ratio	Lower	Upper
156	100		
77	151.8	82.6	247.8
158	96.6	48.8	146.4



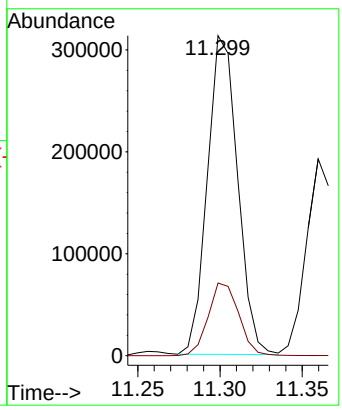


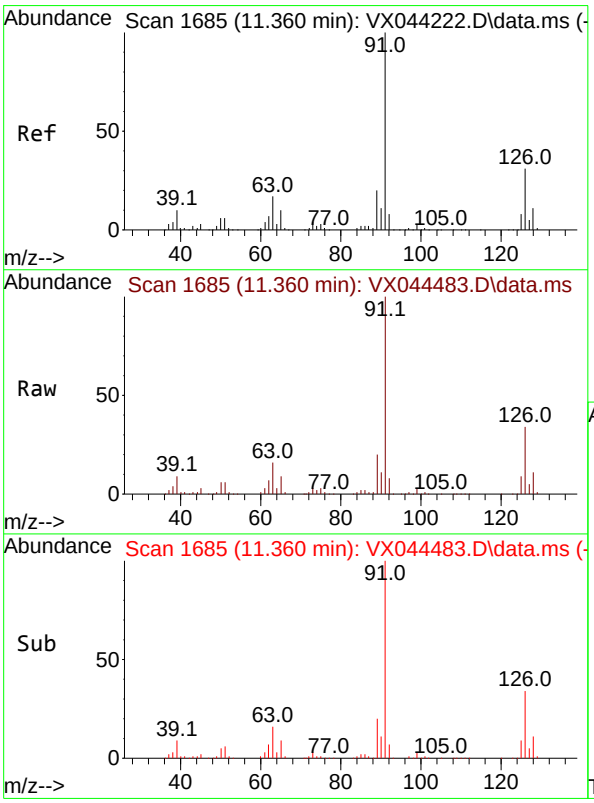
#78
n-propylbenzene
Concen: 50.908 ug/l
RT: 11.299 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion: 91 Resp: 400697

Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.0	33.0

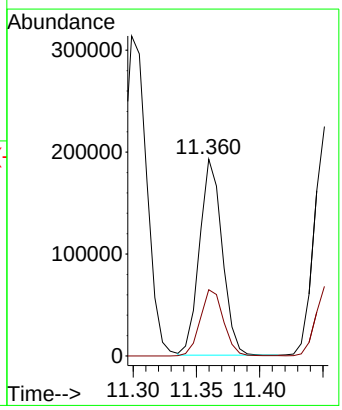


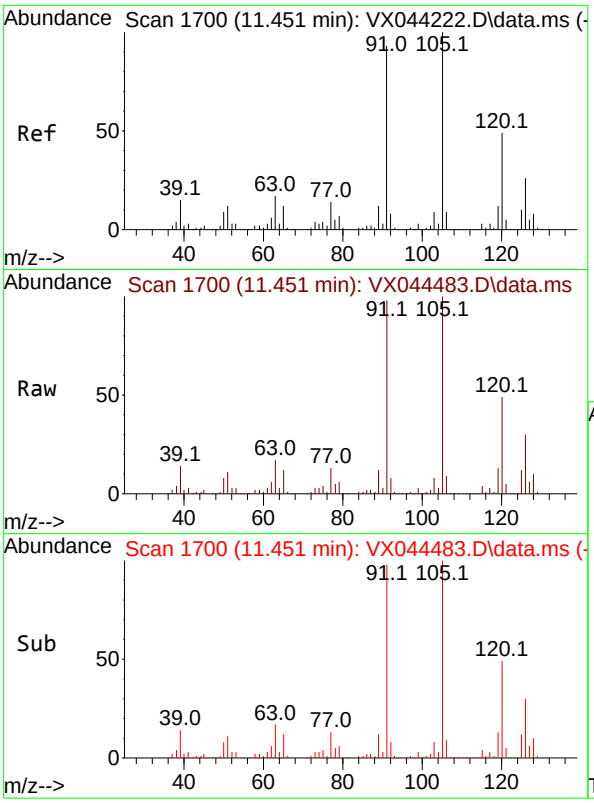


#79
2-Chlorotoluene
Concen: 47.251 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 91 Resp: 240524

Ion	Ratio	Lower	Upper
91	100		
126	34.7	16.4	49.1



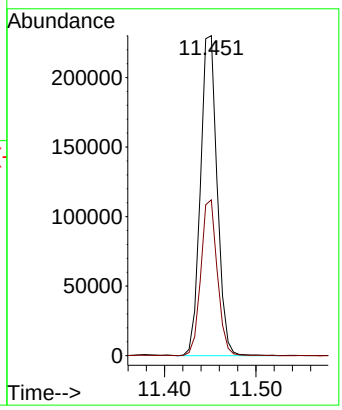


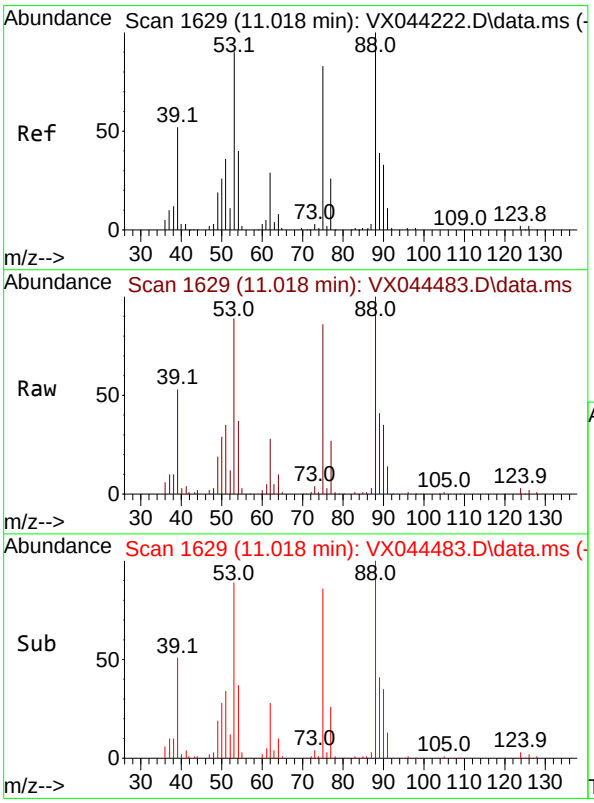
#80
1,3,5-Trimethylbenzene
Concen: 49.381 ug/l
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion:105 Resp: 291627

Ion	Ratio	Lower	Upper
105	100		
120	48.1	23.8	71.4

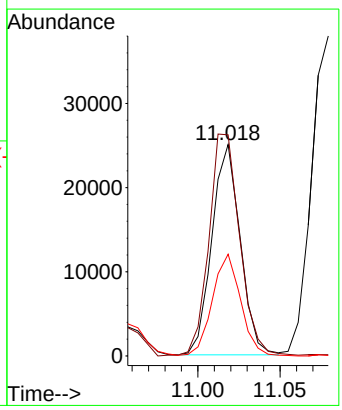


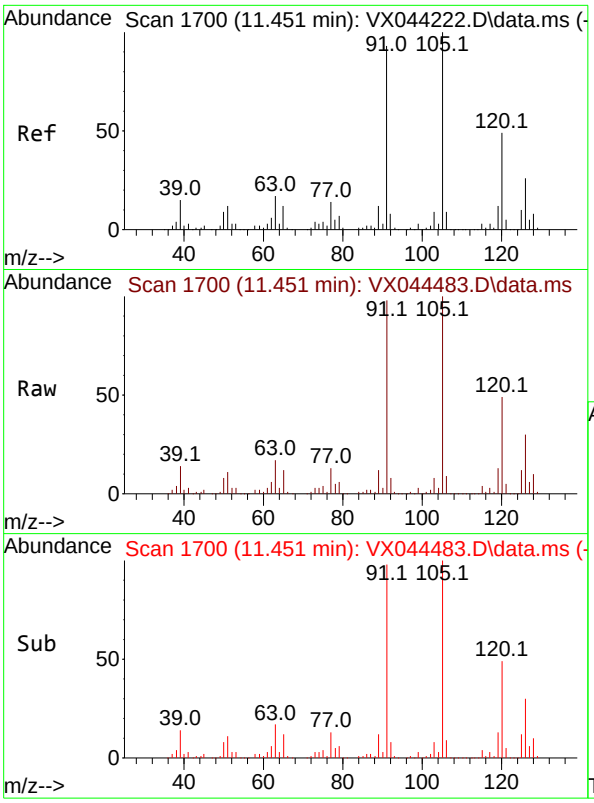


#81
trans-1,4-Dichloro-2-butene
Concen: 42.328 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 75 Resp: 29982

Ion	Ratio	Lower	Upper
75	100		
53	113.5	93.6	140.4
89	48.4	37.3	55.9



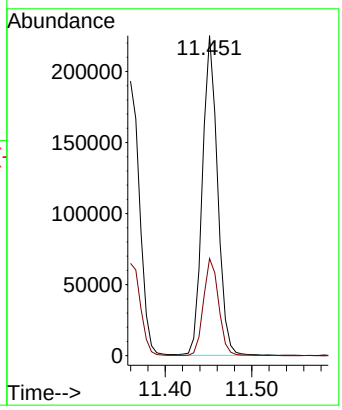


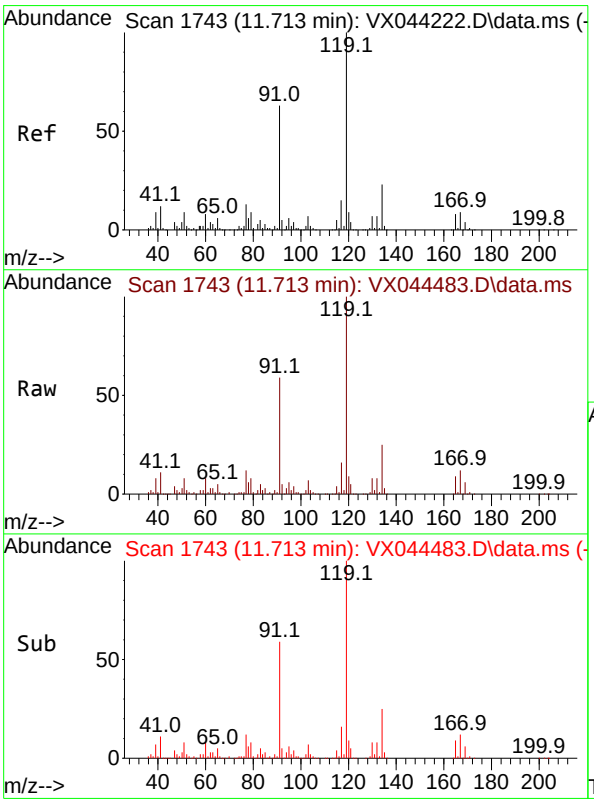
#82
4-Chlorotoluene
Concen: 48.552 ug/l
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion: 91 Resp: 273683

Ion	Ratio	Lower	Upper
91	100		
126	30.5	14.5	43.5

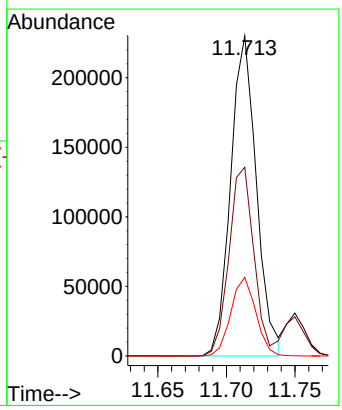


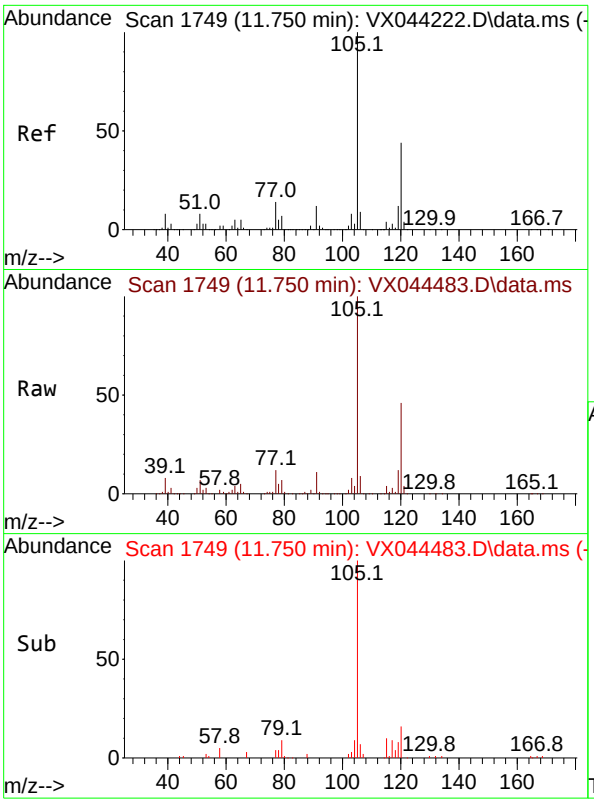


#83
tert-Butylbenzene
Concen: 51.575 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:119 Resp: 301012

Ion	Ratio	Lower	Upper
119	100		
91	56.7	30.9	92.5
134	23.8	11.5	34.4



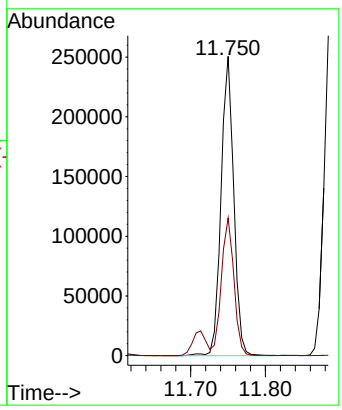


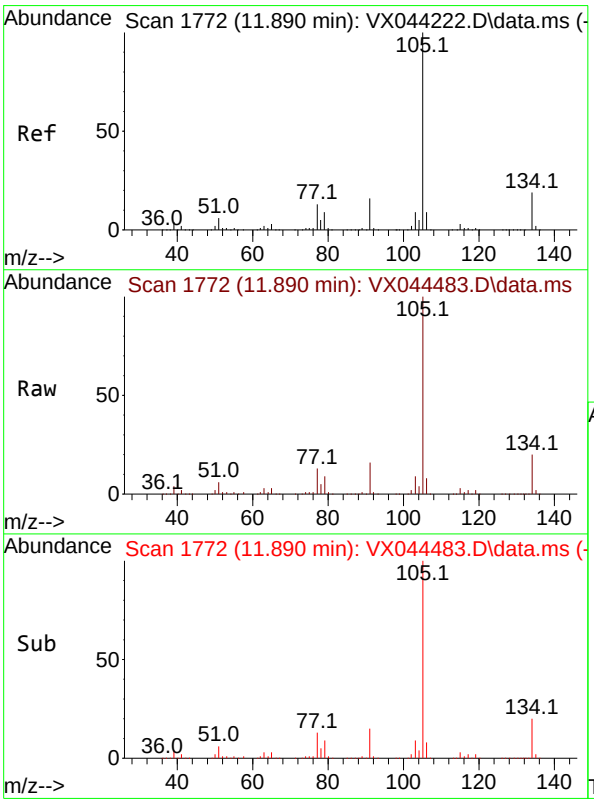
#84
1,2,4-Trimethylbenzene
Concen: 51.121 ug/l
RT: 11.750 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion:105 Resp: 296491

Ion	Ratio	Lower	Upper
105	100		
120	45.5	21.7	65.1

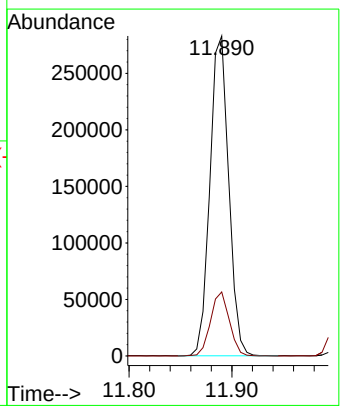


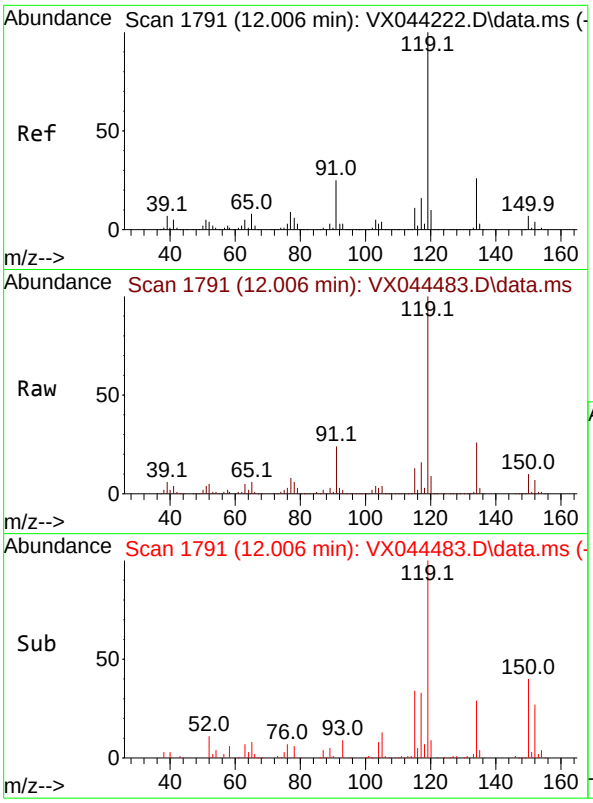


#85
sec-Butylbenzene
Concen: 50.755 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:105 Resp: 359614

Ion	Ratio	Lower	Upper
105	100		
134	20.1	9.8	29.4



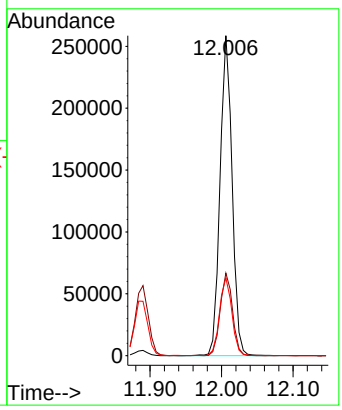


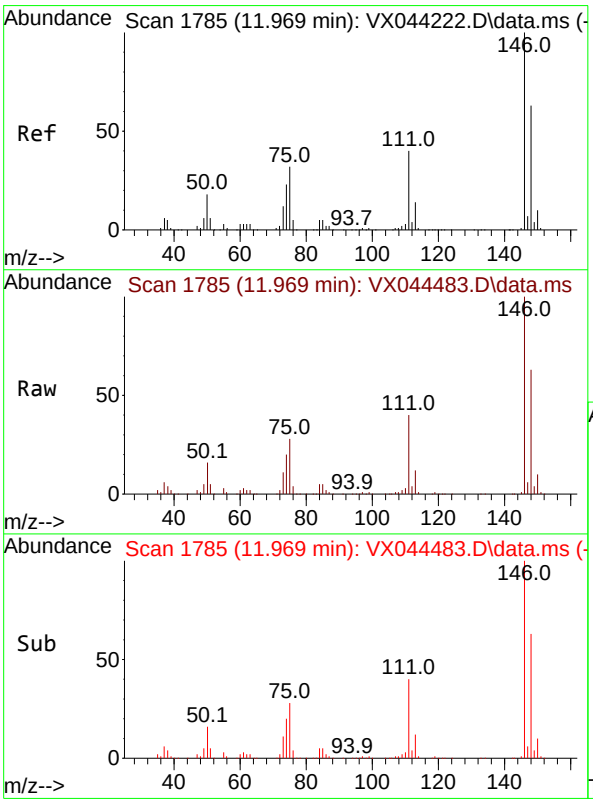
#86
p-Isopropyltoluene
Concen: 51.228 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion:119 Resp: 302102

Ion	Ratio	Lower	Upper
119	100		
134	26.4	12.8	38.4
91	25.1	13.0	39.0

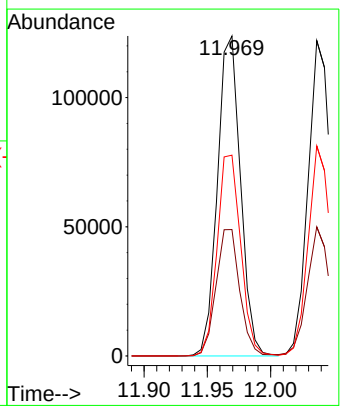


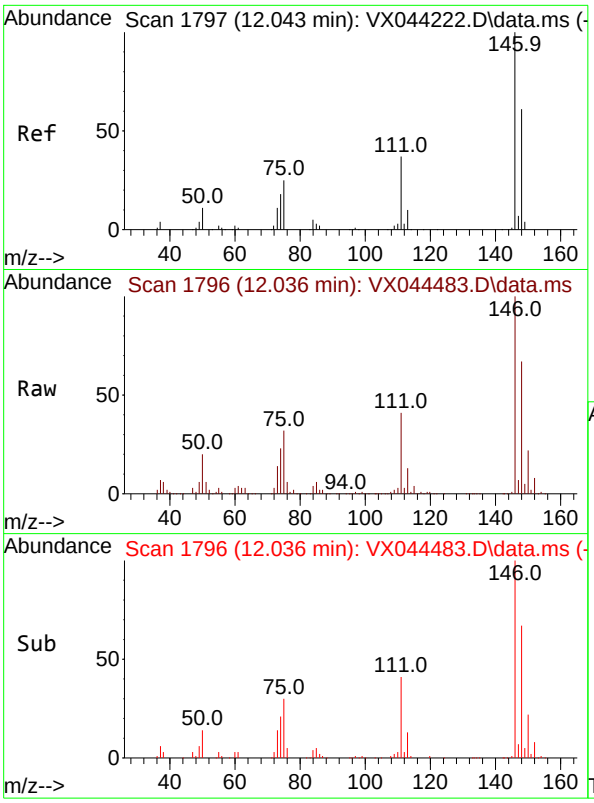


#87
1,3-Dichlorobenzene
Concen: 52.075 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:146 Resp: 157083

Ion	Ratio	Lower	Upper
146	100		
111	40.6	21.4	64.2
148	64.3	31.7	95.1



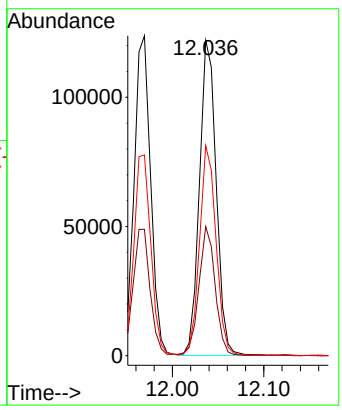


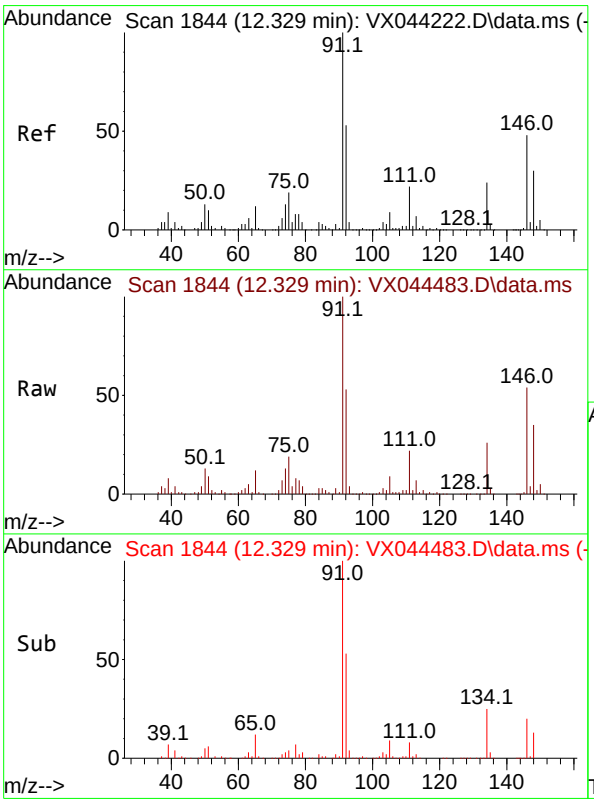
#88
1,4-Dichlorobenzene
Concen: 50.161 ug/l
RT: 12.036 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion:146 Resp: 155542

Ion	Ratio	Lower	Upper
146	100		
111	39.7	21.0	63.0
148	65.4	32.3	96.8

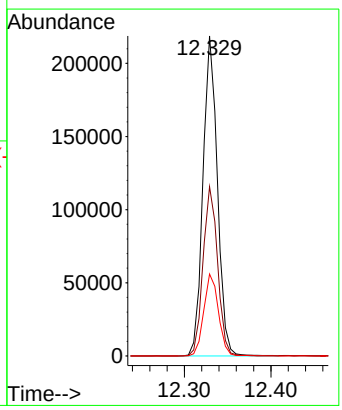


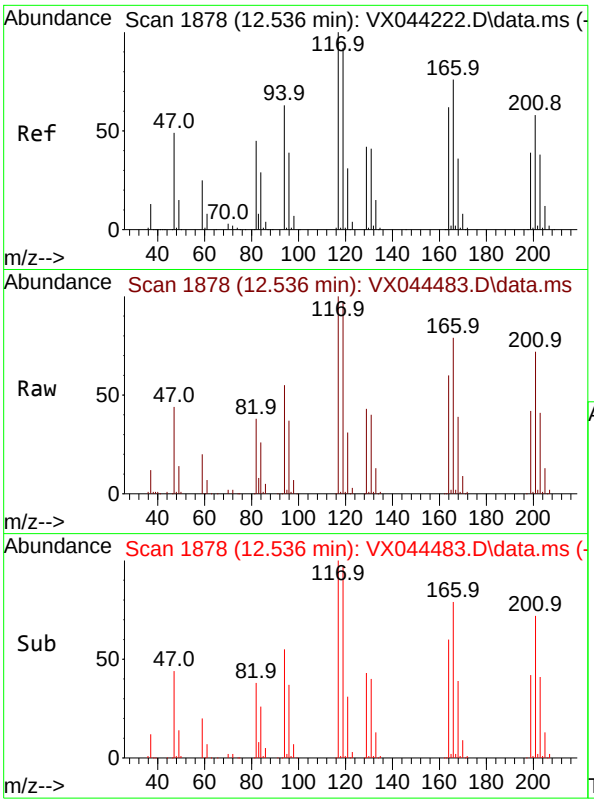


#89
n-Butylbenzene
Concen: 51.009 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion: 91 Resp: 252945

Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.6	79.7
134	26.1	12.6	37.8



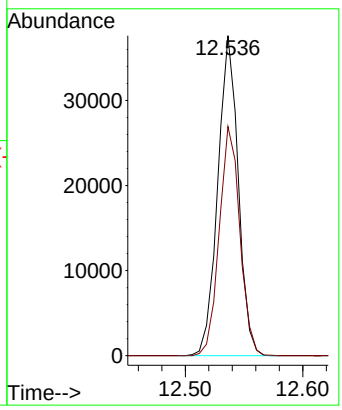


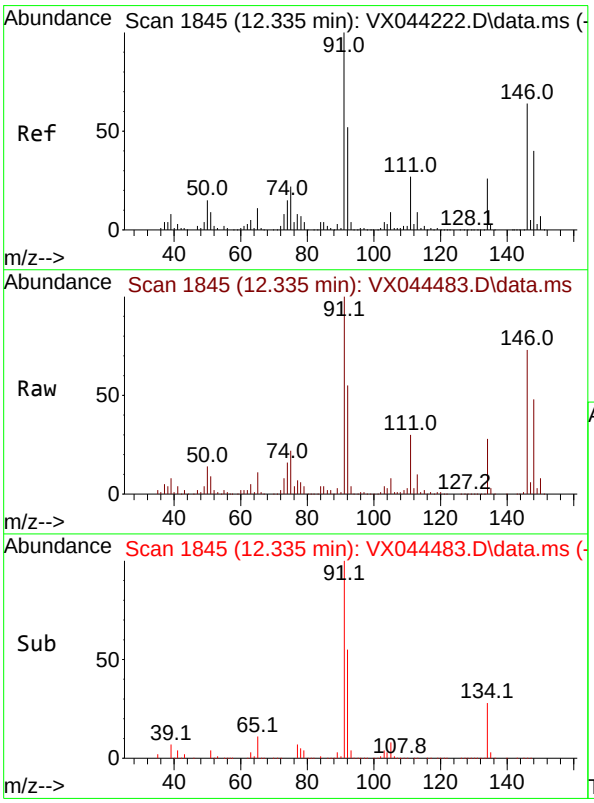
#90
Hexachloroethane
Concen: 52.780 ug/l
RT: 12.536 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion:117 Resp: 45435

Ion	Ratio	Lower	Upper
117	100		
201	72.3	31.4	94.2

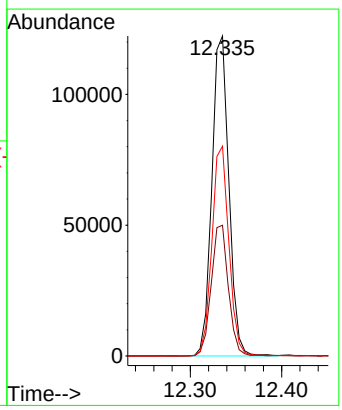


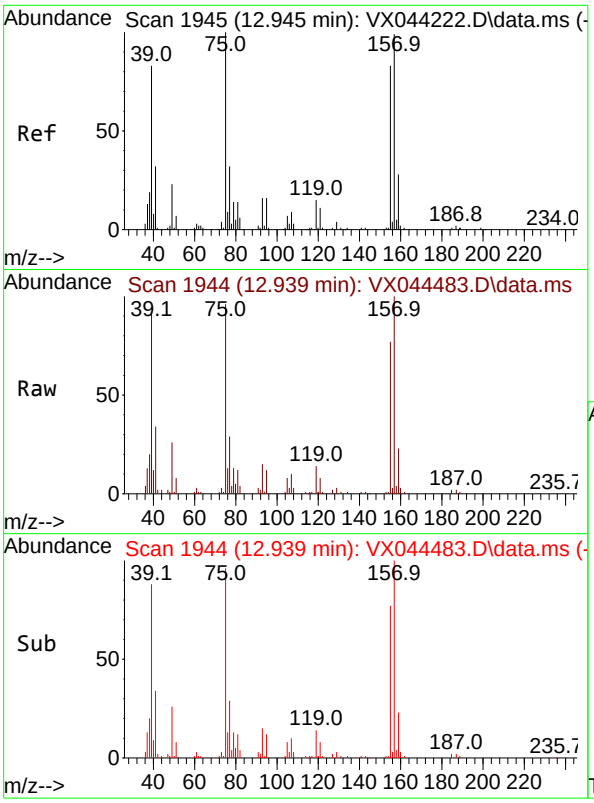


#91
1,2-Dichlorobenzene
Concen: 50.342 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:146 Resp: 157677

Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.4	64.3
148	65.7	31.6	95.0



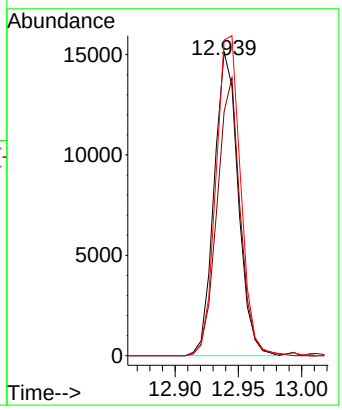


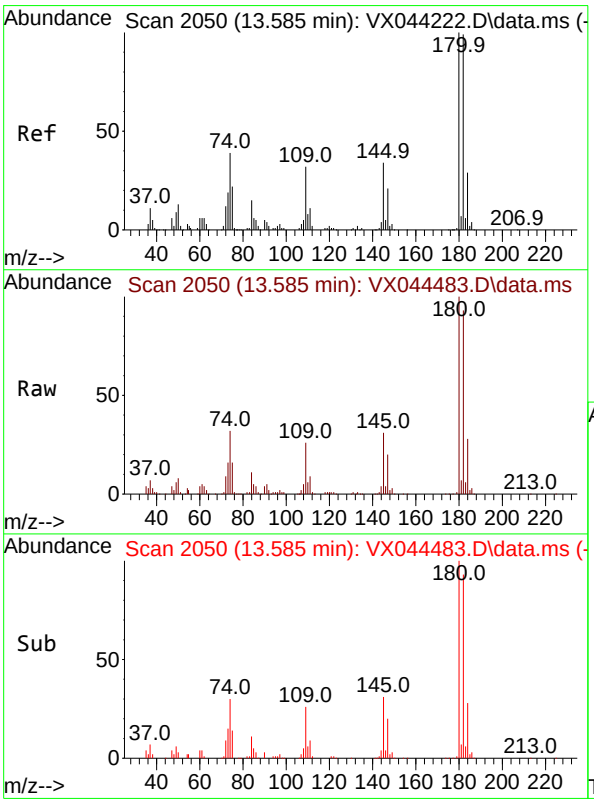
#92
1,2-Dibromo-3-Chloropropane
Concen: 41.588 ug/l
RT: 12.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion: 75 Resp: 19969

Ion	Ratio	Lower	Upper
75	100		
155	88.0	38.1	114.3
157	108.5	47.2	141.6

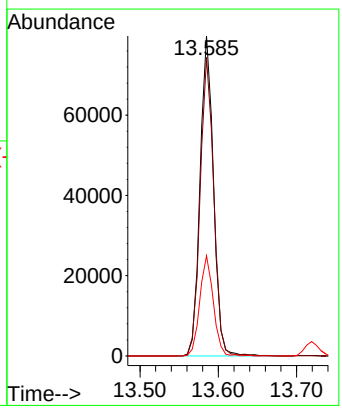


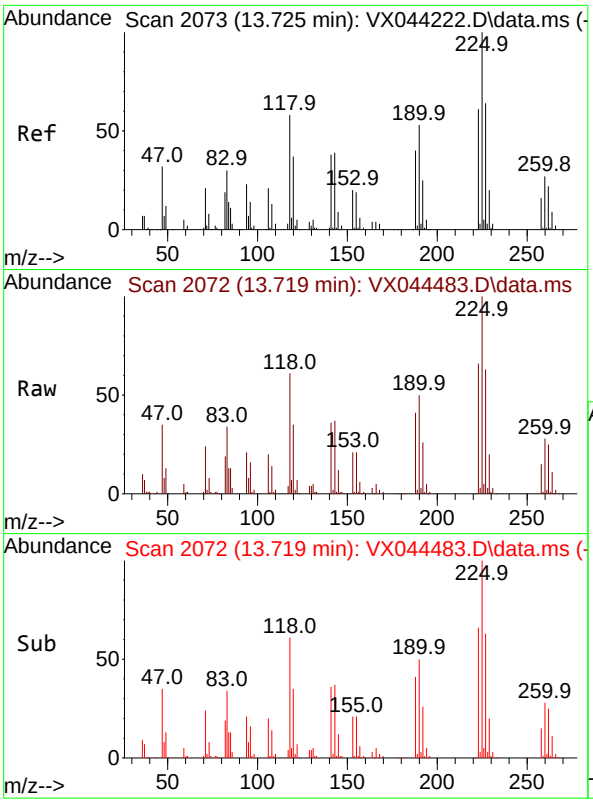


#93
1,2,4-Trichlorobenzene
Concen: 55.173 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:180 Resp: 94741

Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.0	144.2
145	31.7	16.6	49.7



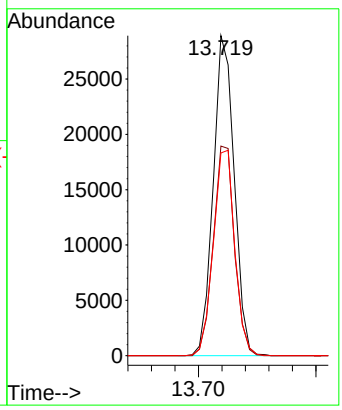


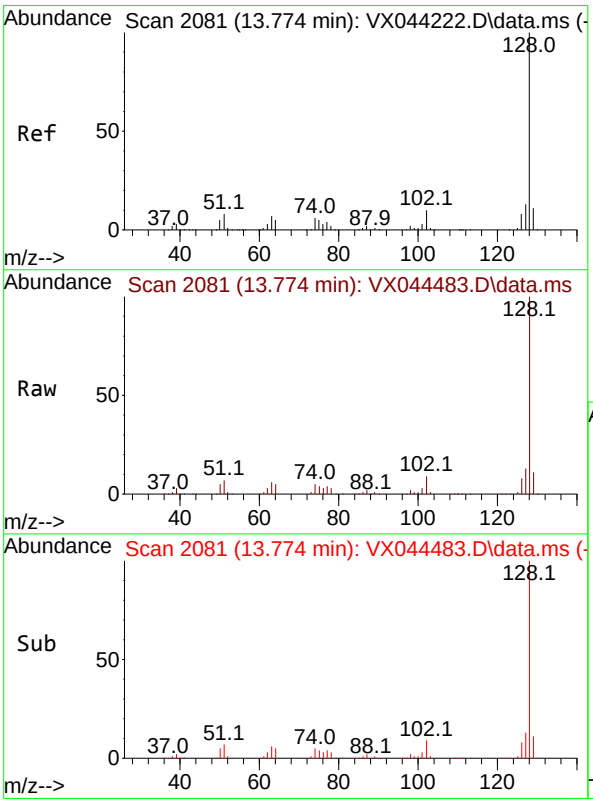
#94
Hexachlorobutadiene
Concen: 51.906 ug/l
RT: 13.719 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion:225 Resp: 35851

Ion	Ratio	Lower	Upper
225	100		
223	66.2	30.8	92.4
227	65.7	32.1	96.3

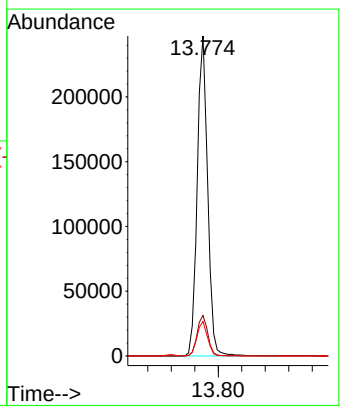


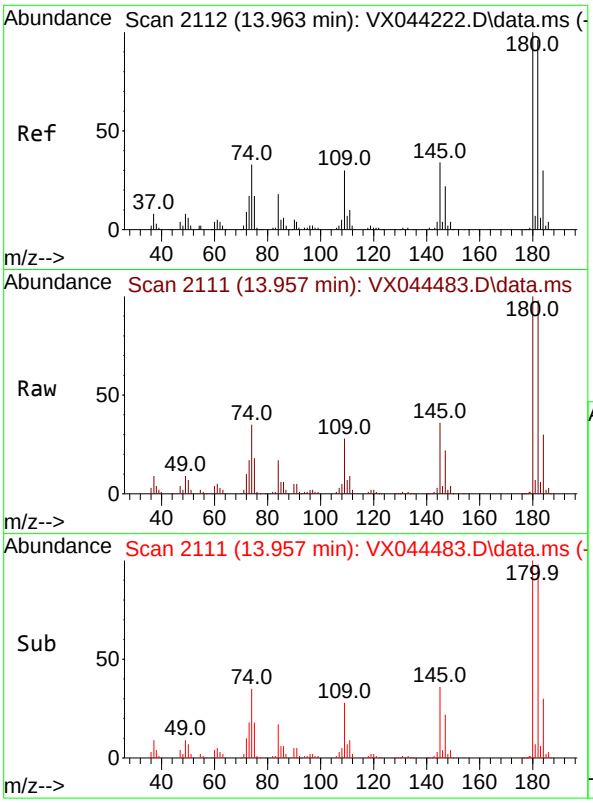


#95
Naphthalene
Concen: 45.199 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Tgt Ion:128 Resp: 302955

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.0	9.0	13.4



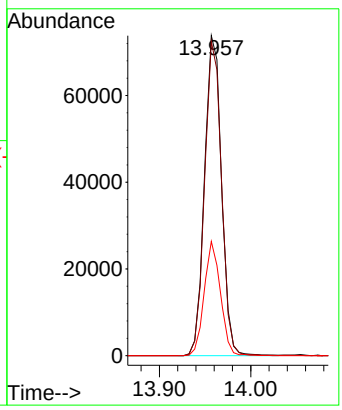


#96
1,2,3-Trichlorobenzene
Concen: 52.189 ug/l
RT: 13.957 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX044483.D
Acq: 23 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-748-750MSD

Tgt Ion:180 Resp: 95051

Ion	Ratio	Lower	Upper
180	100		
182	97.4	48.0	144.0
145	34.2	17.7	53.1



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044484.D
Acq On : 23 Dec 2024 16:46
Operator : JC/MD
Sample : VX1223WBS03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Quant Time: Dec 23 22:12:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	136426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	230675	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	197773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	93712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	104522	43.697	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 87.400%			
35) Dibromofluoromethane	5.379	113	83146	52.043	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.080%			
50) Toluene-d8	8.647	98	282252	52.366	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.740%			
62) 4-Bromofluorobenzene	11.079	95	98037	52.054	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	35681	16.914	ug/l	98
3) Chloromethane	1.294	50	34450	17.078	ug/l	97
4) Vinyl Chloride	1.374	62	36105	17.180	ug/l	95
5) Bromomethane	1.593	94	24727	16.585	ug/l	95
6) Chloroethane	1.666	64	22413	17.127	ug/l	98
7) Trichlorofluoromethane	1.874	101	56884	13.826	ug/l	97
8) Diethyl Ether	2.136	74	20539	14.625	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	29167	17.519	ug/l	94
10) Methyl Iodide	2.447	142	40160	18.303	ug/l	95
11) Tert butyl alcohol	3.001	59	27656	82.037	ug/l	96
12) 1,1-Dichloroethene	2.312	96	27828	18.198	ug/l	93
13) Acrolein	2.233	56	34567	70.835	ug/l	99
14) Allyl chloride	2.660	41	43269	16.988	ug/l	97
15) Acrylonitrile	3.062	53	72713	77.865	ug/l	96
16) Acetone	2.380	43	64193	65.827	ug/l	96
17) Carbon Disulfide	2.501	76	50832	17.488	ug/l	99
18) Methyl Acetate	2.703	43	37683	14.987	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	97412	16.324	ug/l	96
20) Methylene Chloride	2.788	84	32960	17.995	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	27761	17.082	ug/l	96
22) Diisopropyl ether	3.757	45	96519	16.828	ug/l #	83
23) Vinyl Acetate	3.715	43	396777	85.091	ug/l	99
24) 1,1-Dichloroethane	3.599	63	55371	17.319	ug/l	99
25) 2-Butanone	4.562	43	96544	69.639	ug/l	97
26) 2,2-Dichloropropane	4.471	77	47079	18.126	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	36799	17.829	ug/l	95
28) Bromochloromethane	4.891	49	29299	18.689	ug/l	92
29) Tetrahydrofuran	5.007	42	62253	69.958	ug/l	98
30) Chloroform	5.080	83	60467	16.834	ug/l	95
31) Cyclohexane	5.458	56	43786	16.960	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	52091	17.470	ug/l	99
36) 1,1-Dichloropropene	5.684	75	37790	18.299	ug/l	98
37) Ethyl Acetate	4.715	43	39294	15.393	ug/l	97
38) Carbon Tetrachloride	5.672	117	40813	18.356	ug/l	97
39) Methylcyclohexane	7.373	83	45190	18.304	ug/l	95
40) Benzene	6.031	78	121112	19.316	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044484.D
Acq On : 23 Dec 2024 16:46
Operator : JC/MD
Sample : VX1223WBS03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Quant Time: Dec 23 22:12:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	20789	15.336	ug/l		94
42) 1,2-Dichloroethane	6.080	62	48045	18.601	ug/l		97
43) Isopropyl Acetate	6.342	43	65736	16.475	ug/l		98
44) Trichloroethene	7.123	130	32559	20.823	ug/l		92
45) 1,2-Dichloropropane	7.421	63	30009	18.733	ug/l		98
46) Dibromomethane	7.580	93	22954	18.470	ug/l		92
47) Bromodichloromethane	7.818	83	39600	18.450	ug/l		100
48) Methyl methacrylate	7.696	41	30544	15.770	ug/l		97
49) 1,4-Dioxane	7.665	88	8523	265.414	ug/l	#	83
51) 4-Methyl-2-Pentanone	8.574	43	202796	79.048	ug/l		98
52) Toluene	8.714	92	77555	19.696	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	39372	18.305	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	45608	19.516	ug/l		99
55) 1,1,2-Trichloroethane	9.147	97	30421	19.448	ug/l		97
56) Ethyl methacrylate	9.116	69	43727	17.707	ug/l		98
57) 1,3-Dichloropropane	9.305	76	50156	18.421	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	112759	90.532	ug/l		100
59) 2-Hexanone	9.433	43	145212	78.199	ug/l		98
60) Dibromochloromethane	9.519	129	28097	18.262	ug/l		99
61) 1,2-Dibromoethane	9.610	107	31023	19.484	ug/l		98
64) Tetrachloroethene	9.269	164	28163	21.455	ug/l		97
65) Chlorobenzene	10.079	112	84278	19.887	ug/l		95
66) 1,1,1,2-Tetrachloroethane	10.159	131	28171	20.684	ug/l		96
67) Ethyl Benzene	10.195	91	143285	19.568	ug/l		100
68) m/p-Xylenes	10.299	106	109170	40.631	ug/l		93
69) o-Xylene	10.640	106	53058	19.517	ug/l		96
70) Styrene	10.652	104	85331	19.580	ug/l		98
71) Bromoform	10.799	173	16410	19.239	ug/l	#	98
73) Isopropylbenzene	10.957	105	137153	19.118	ug/l		99
74) N-amyl acetate	10.841	43	53387	16.102	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.213	83	44755	17.961	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	44711	21.369	ug/l		85
77) Bromobenzene	11.195	156	34470	19.814	ug/l		97
78) n-propylbenzene	11.299	91	150204	18.943	ug/l		97
79) 2-Chlorotoluene	11.360	91	96001	18.721	ug/l		97
80) 1,3,5-Trimethylbenzene	11.451	105	115427	19.402	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	9853	17.567	ug/l		88
82) 4-Chlorotoluene	11.451	91	106582	18.769	ug/l		96
83) tert-Butylbenzene	11.713	119	114705	19.509	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	115005	19.684	ug/l		98
85) sec-Butylbenzene	11.890	105	137779	19.303	ug/l		98
86) p-Isopropyltoluene	12.006	119	117010	19.696	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	61238	20.152	ug/l		97
88) 1,4-Dichlorobenzene	12.036	146	61611	19.723	ug/l		99
89) n-Butylbenzene	12.329	91	94376	18.892	ug/l		99
90) Hexachloroethane	12.536	117	15991	18.440	ug/l		86
91) 1,2-Dichlorobenzene	12.335	146	61558	19.510	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7109	14.697	ug/l		86
93) 1,2,4-Trichlorobenzene	13.585	180	35380	20.453	ug/l		99
94) Hexachlorobutadiene	13.725	225	15222	21.877	ug/l		97
95) Naphthalene	13.774	128	121575	18.005	ug/l		98
96) 1,2,3-Trichlorobenzene	13.957	180	37987	20.704	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044484.D
Acq On : 23 Dec 2024 16:46
Operator : JC/MD
Sample : VX1223WBS03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Quant Time: Dec 23 22:12:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

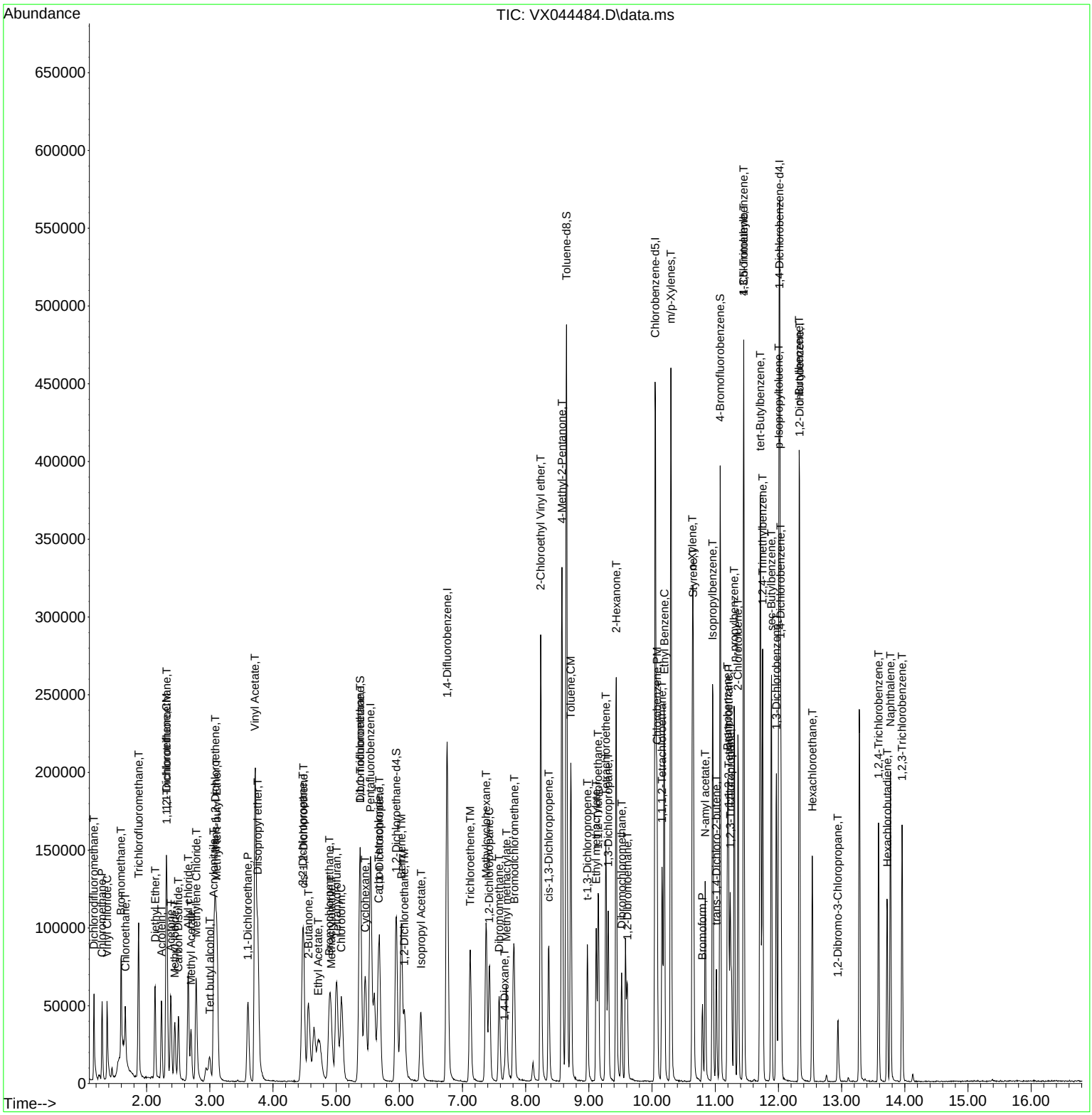
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

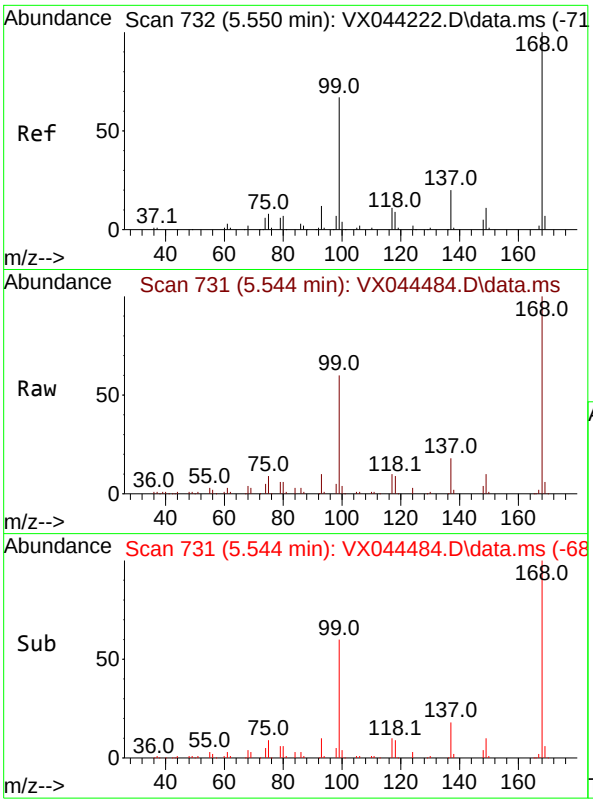
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044484.D
Acq On : 23 Dec 2024 16:46
Operator : JC/MD
Sample : VX1223WBS03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Quant Time: Dec 23 22:12:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



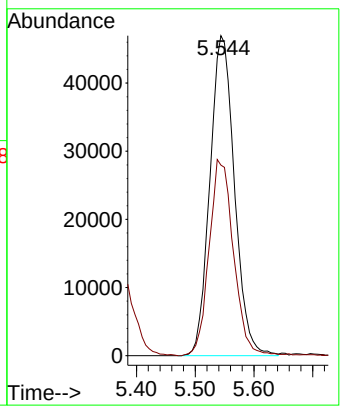


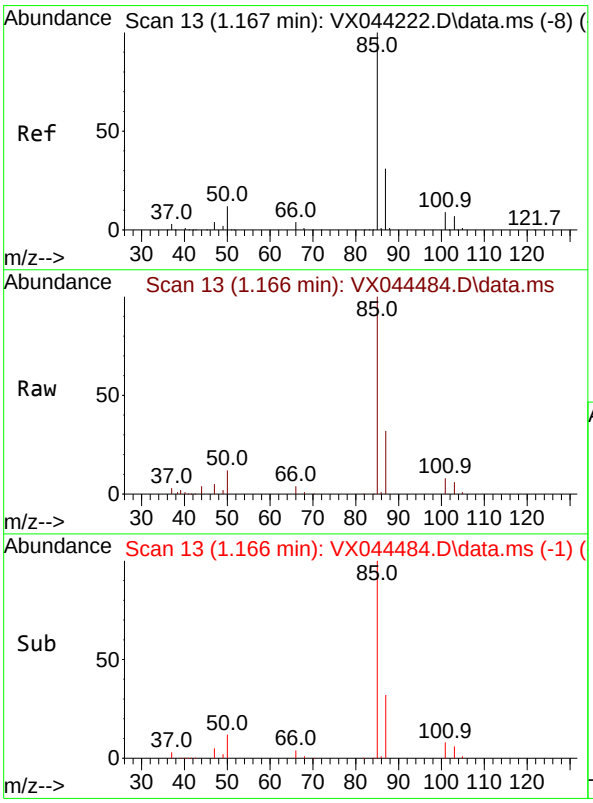
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion:168 Resp: 136426

Ion	Ratio	Lower	Upper
168	100		
99	59.6	53.4	80.0

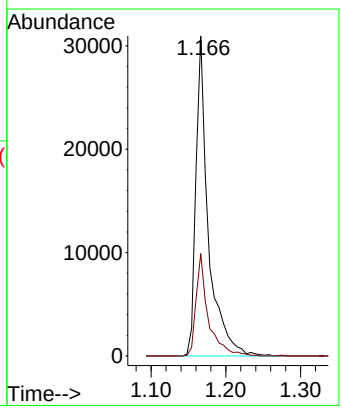


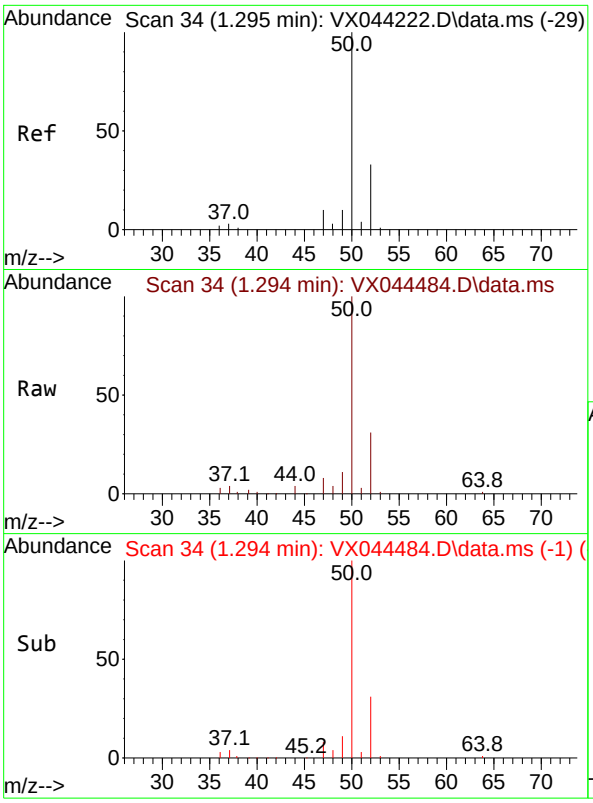


#2
Dichlorodifluoromethane
Concen: 16.914 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 85 Resp: 35681

Ion	Ratio	Lower	Upper
85	100		
87	32.0	15.4	46.4



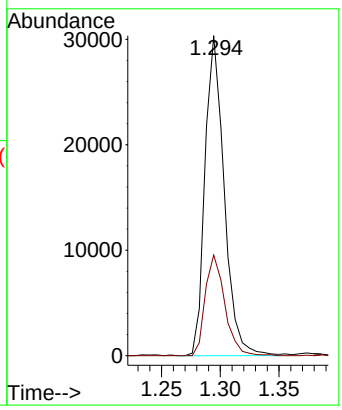


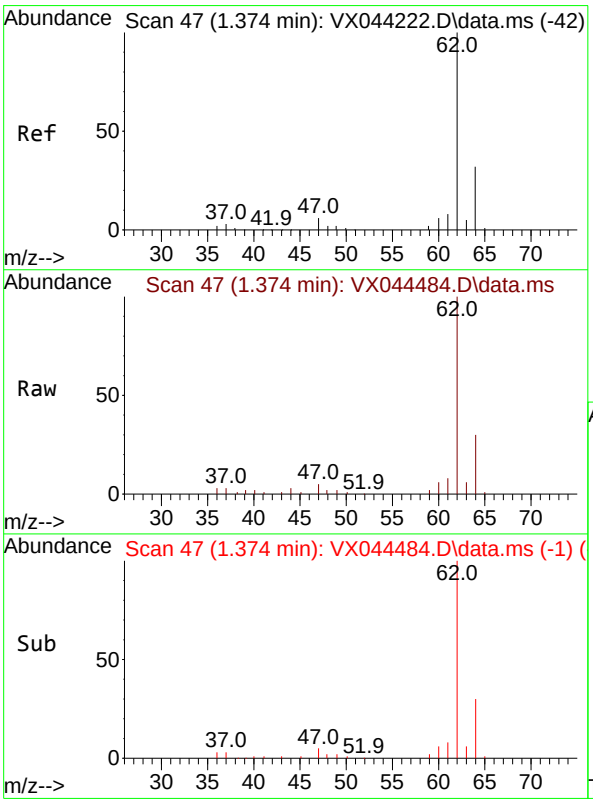
#3
Chloromethane
Concen: 17.078 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion: 50 Resp: 34450

Ion	Ratio	Lower	Upper
50	100		
52	31.4	26.5	39.7

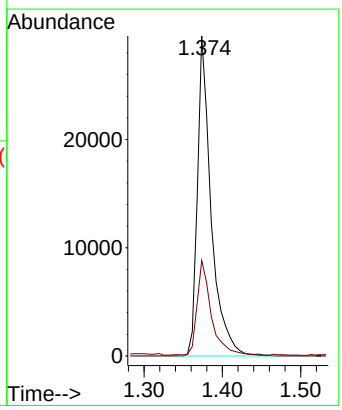


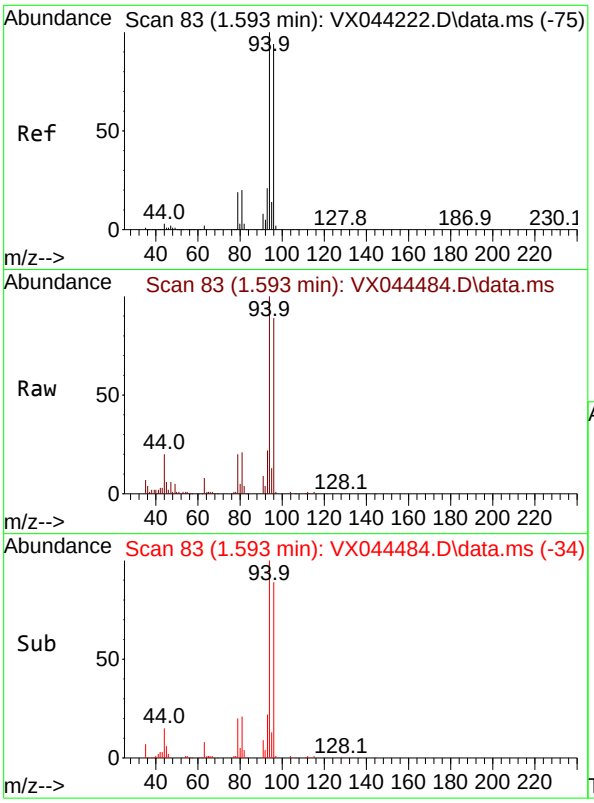


#4
Vinyl Chloride
Concen: 17.180 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 62 Resp: 36105

Ion	Ratio	Lower	Upper
62	100		
64	29.4	25.7	38.5



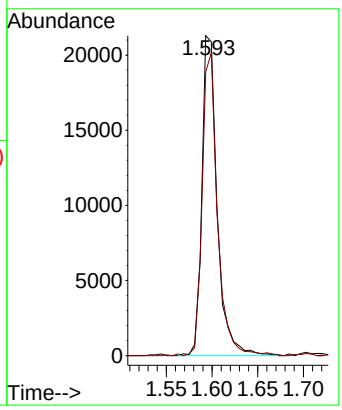


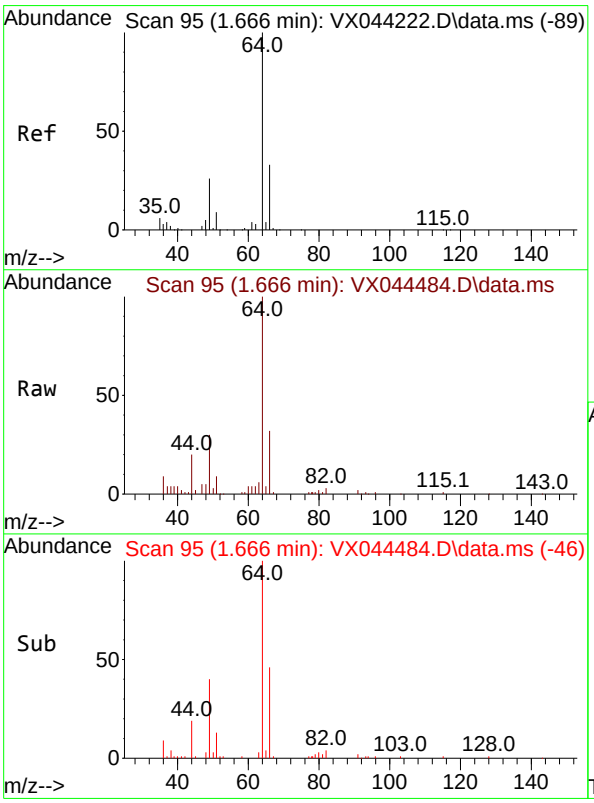
#5
Bromomethane
Concen: 16.585 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion: 94 Resp: 24727

Ion	Ratio	Lower	Upper
94	100		
96	88.4	74.9	112.3

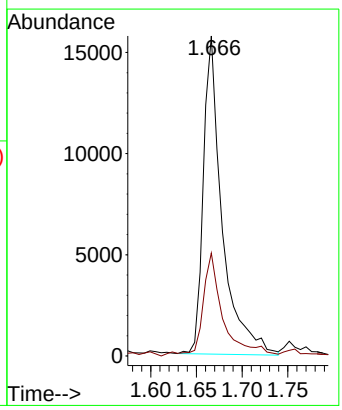


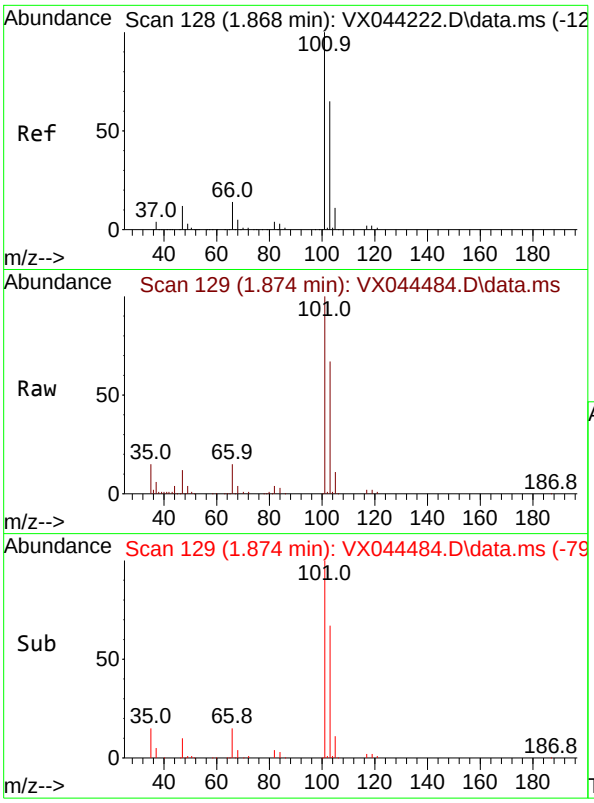


#6
Chloroethane
Concen: 17.127 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 64 Resp: 22413

Ion	Ratio	Lower	Upper
64	100		
66	31.8	26.6	39.8



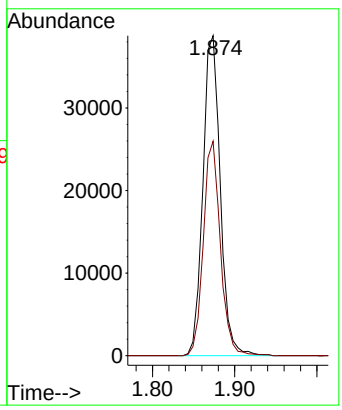


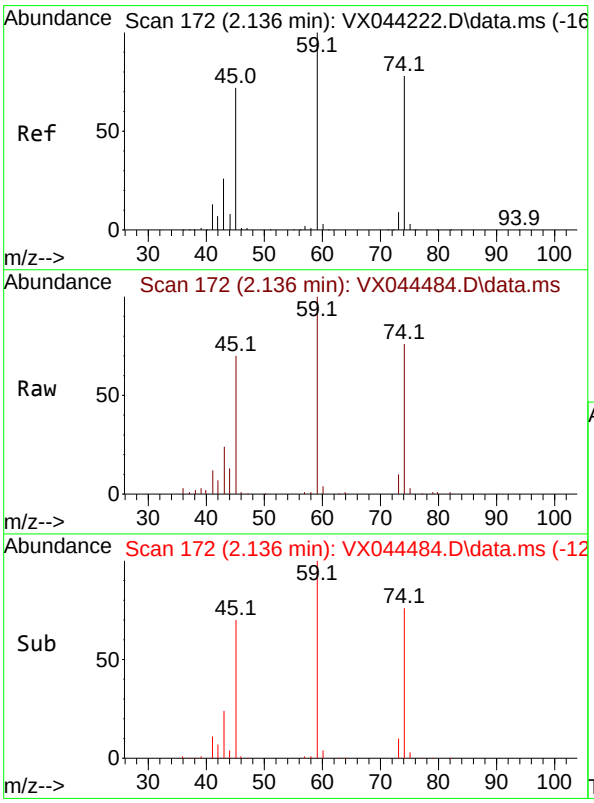
#7
Trichlorofluoromethane
Concen: 13.826 ug/l
RT: 1.874 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion:101 Resp: 56884

Ion	Ratio	Lower	Upper
101	100		
103	67.0	51.8	77.8

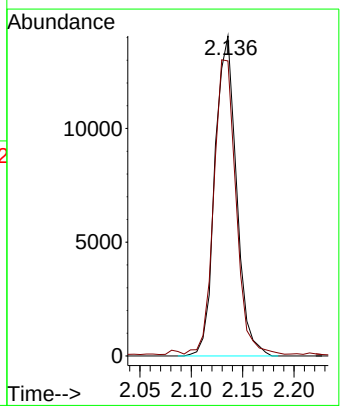


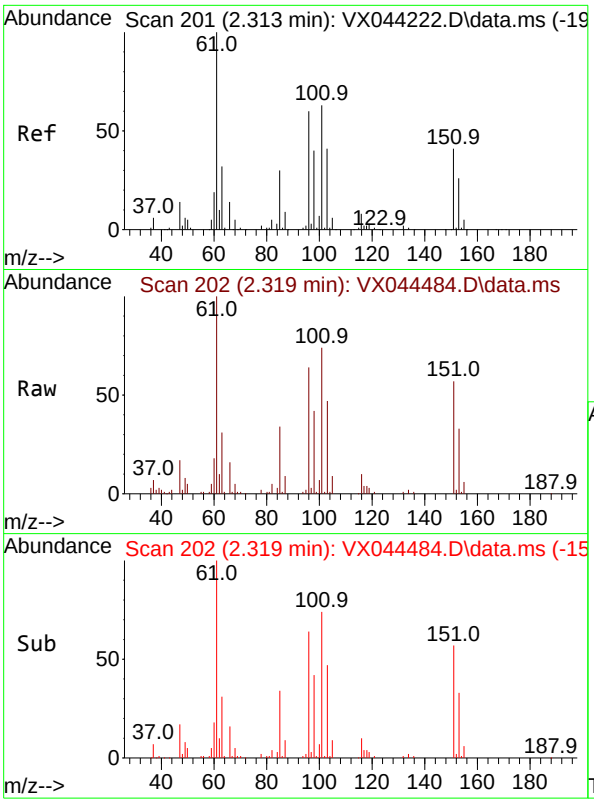


#8
Diethyl Ether
Concen: 14.625 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 74 Resp: 20539

Ion	Ratio	Lower	Upper
74	100		
45	93.9	48.4	145.0



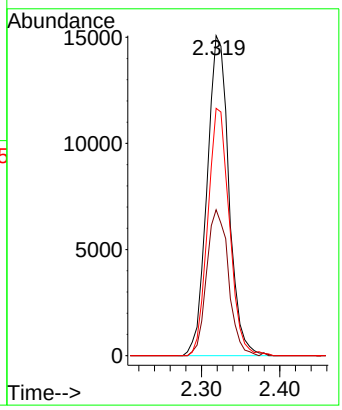


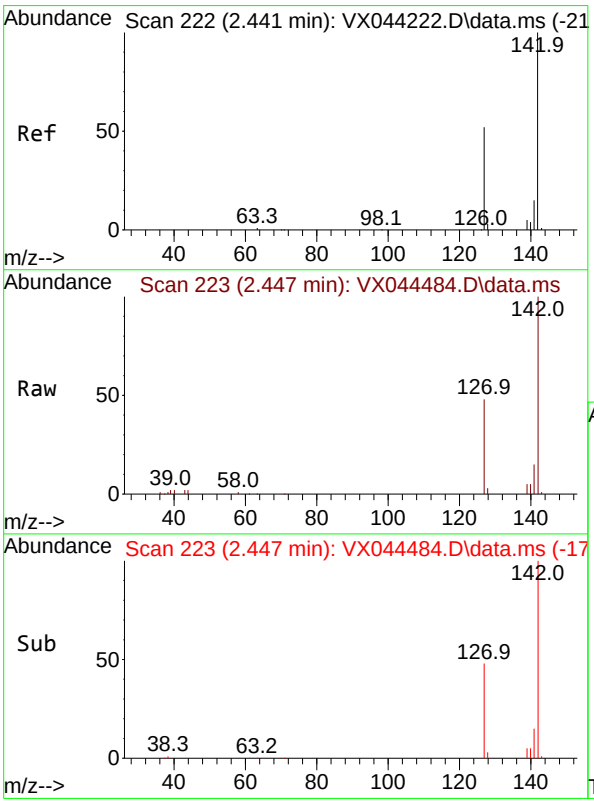
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.519 ug/l
RT: 2.319 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion:101 Resp: 29167

Ion	Ratio	Lower	Upper
101	100		
85	45.6	38.5	57.7
151	76.5	55.8	83.6

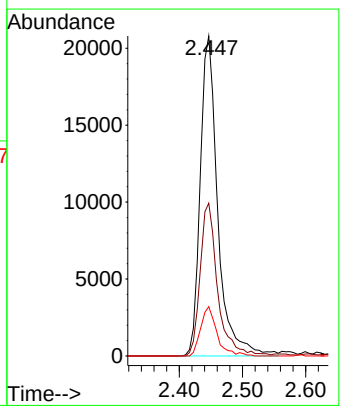


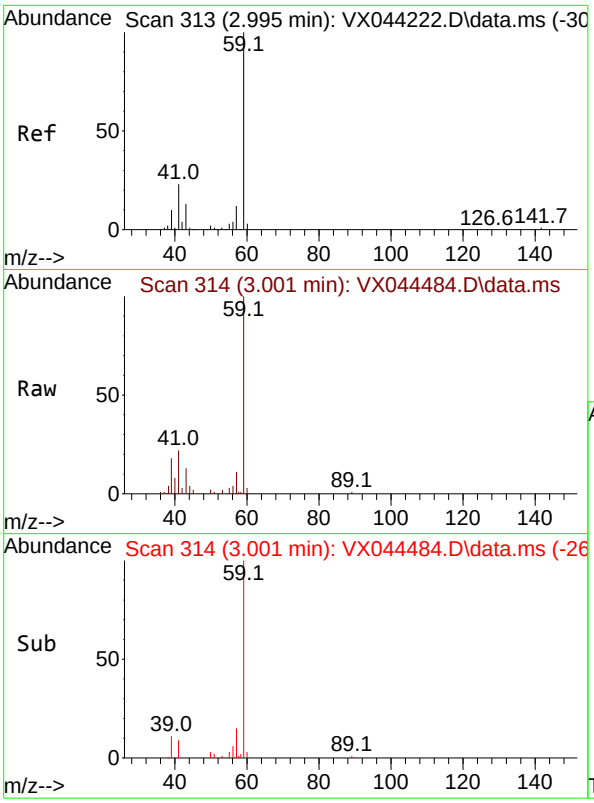


#10
Methyl Iodide
Concen: 18.303 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:142 Resp: 40160

Ion	Ratio	Lower	Upper
142	100		
127	47.6	41.8	62.8
141	14.4	11.5	17.3



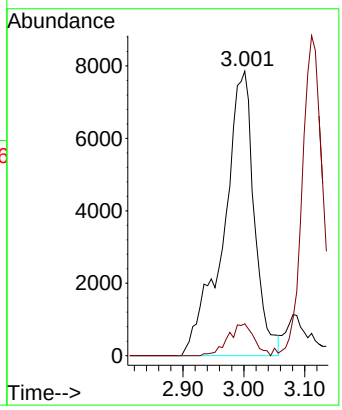


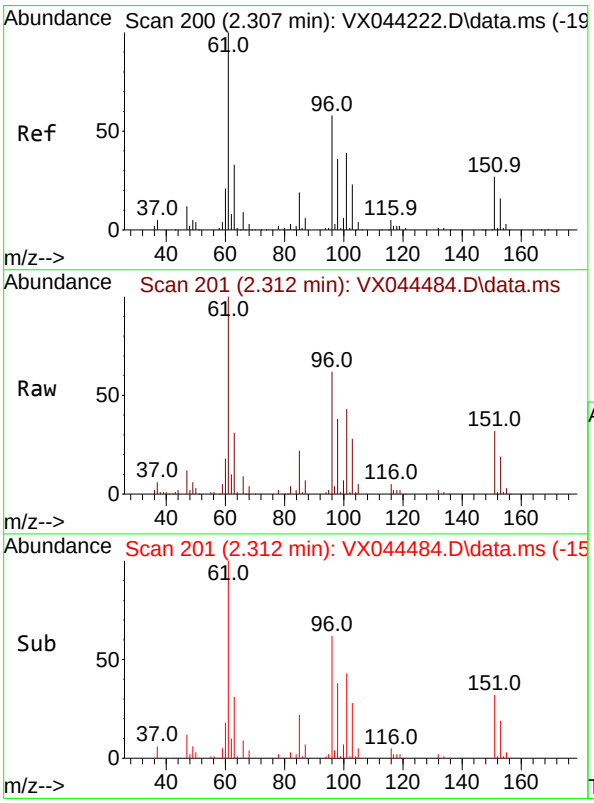
#11
Tert butyl alcohol
Concen: 82.037 ug/l
RT: 3.001 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion: 59 Resp: 27656

Ion	Ratio	Lower	Upper
59	100		
57	9.4	8.8	13.2

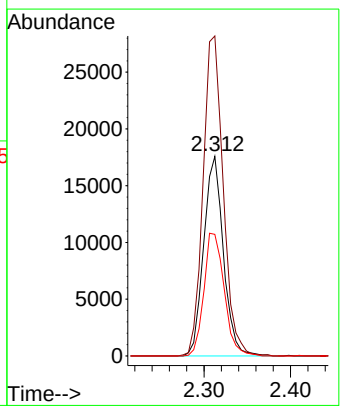


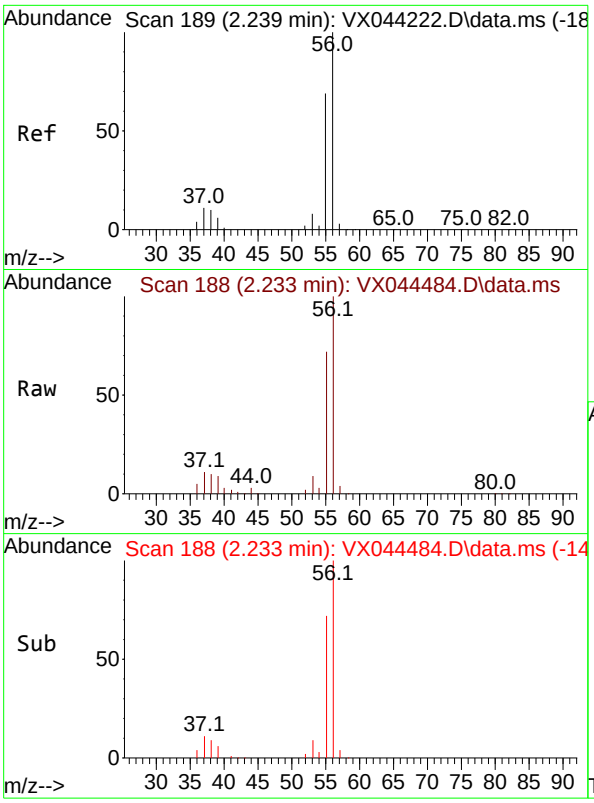


#12
1,1-Dichloroethene
Concen: 18.198 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 96 Resp: 27828

Ion	Ratio	Lower	Upper
96	100		
61	160.3	138.0	207.0
98	60.9	50.0	75.0



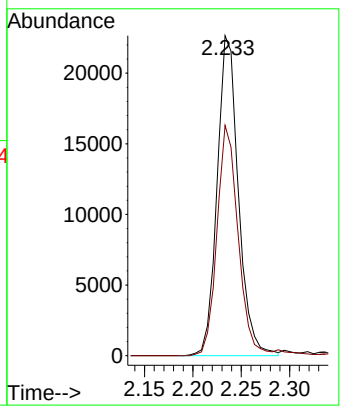


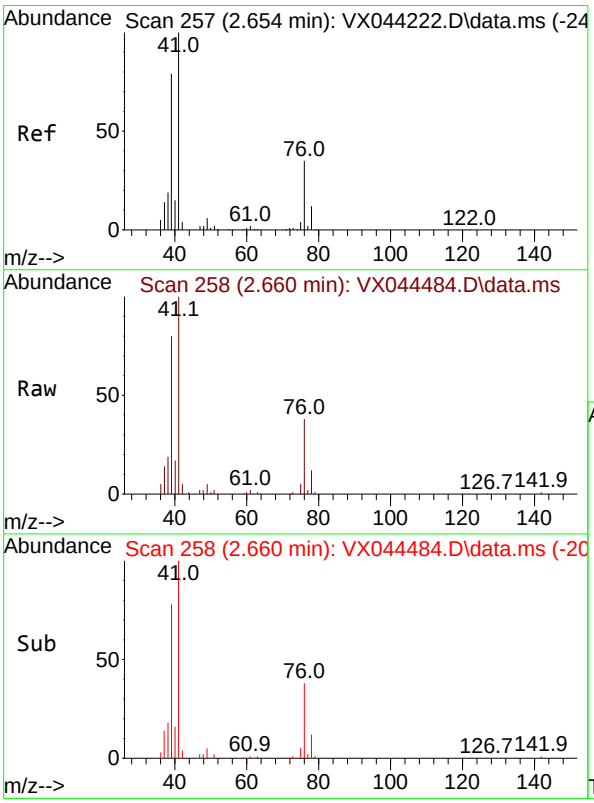
#13
Acrolein
Concen: 70.835 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion: 56 Resp: 34567

Ion	Ratio	Lower	Upper
56	100		
55	71.4	56.6	84.8

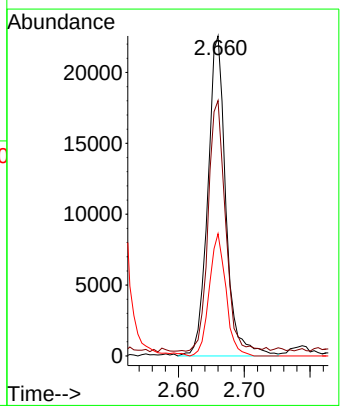


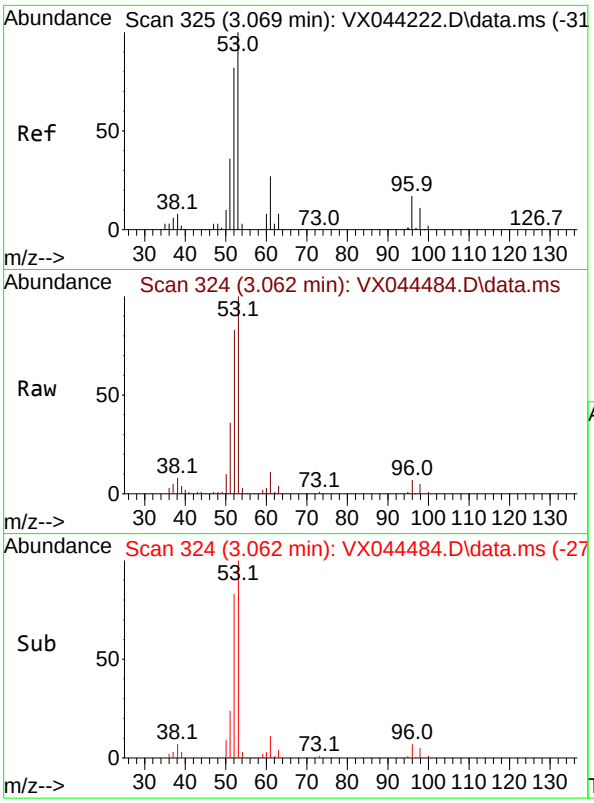


#14
Allyl chloride
Concen: 16.988 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 41 Resp: 43269

Ion	Ratio	Lower	Upper
41	100		
39	74.4	61.9	92.9
76	35.0	27.4	41.2



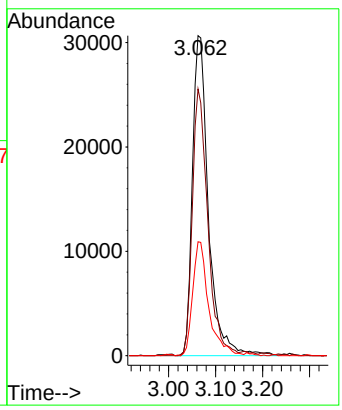


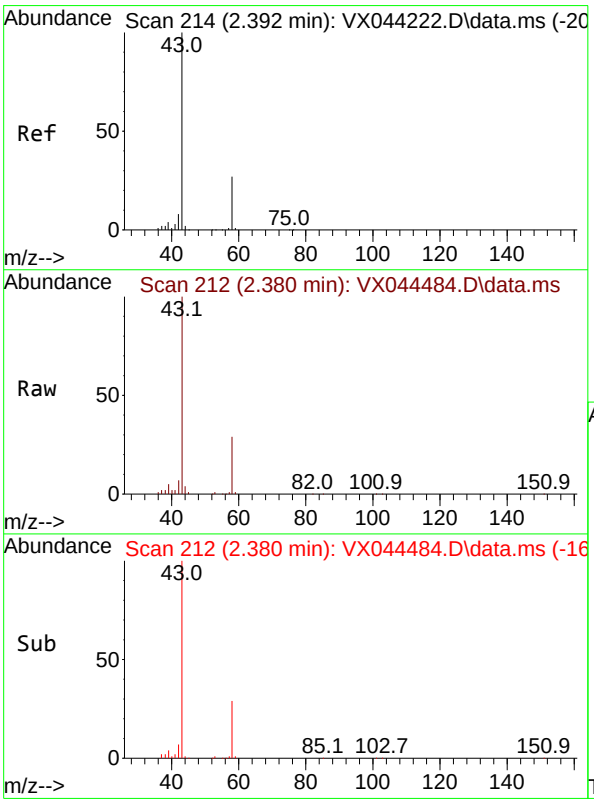
#15
Acrylonitrile
Concen: 77.865 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion: 53 Resp: 72713

Ion	Ratio	Lower	Upper
53	100		
52	80.5	67.4	101.0
51	35.7	30.3	45.5

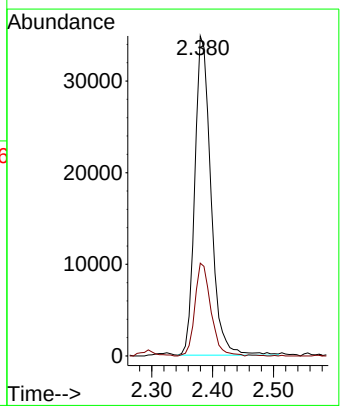


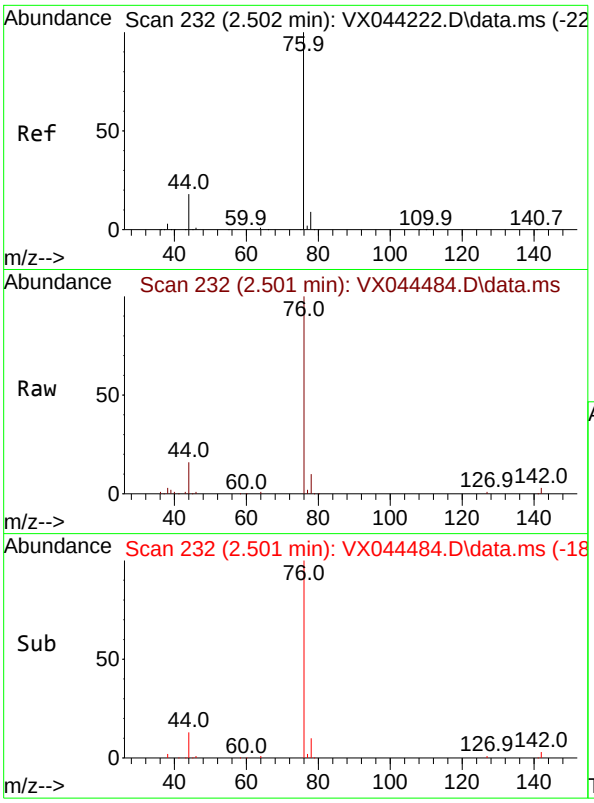


#16
Acetone
Concen: 65.827 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 43 Resp: 64193

Ion	Ratio	Lower	Upper
43	100		
58	29.1	21.6	32.4



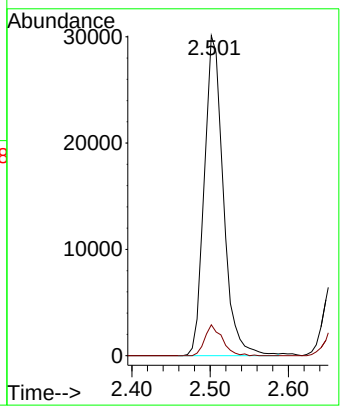


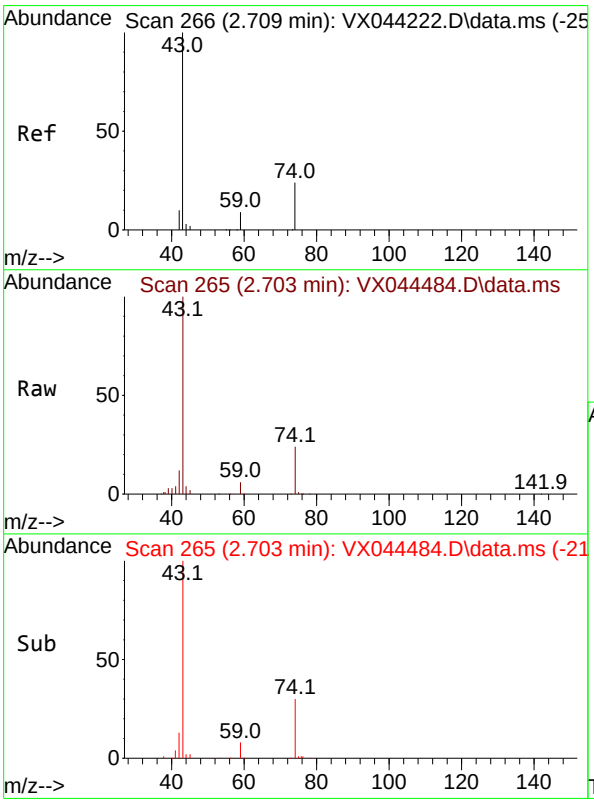
#17
Carbon Disulfide
Concen: 17.488 ug/l
RT: 2.501 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion: 76 Resp: 50832

Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.4	11.0

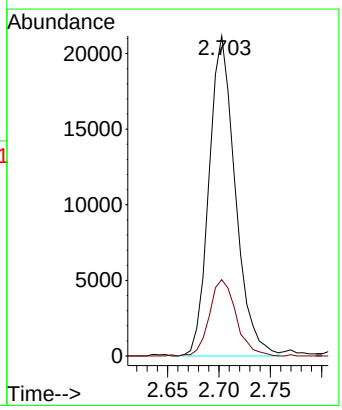


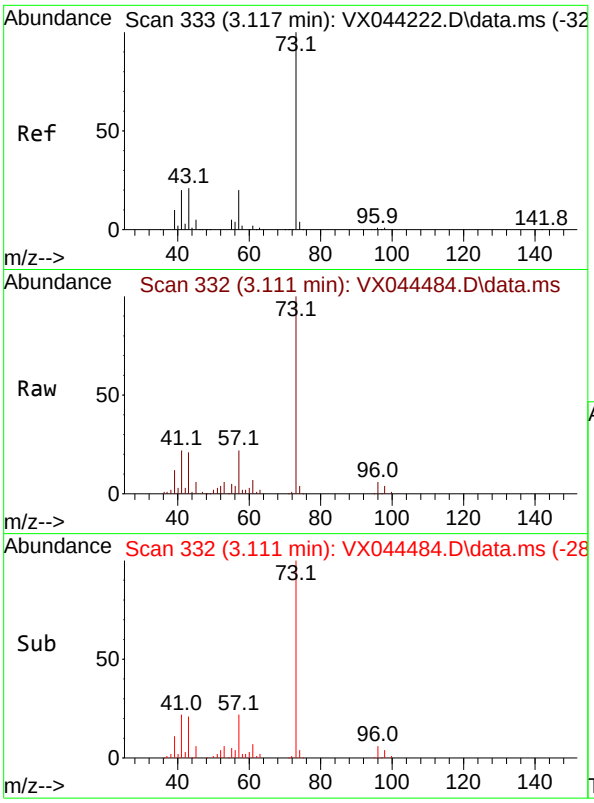


#18
Methyl Acetate
Concen: 14.987 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 43 Resp: 37683

Ion	Ratio	Lower	Upper
43	100		
74	24.3	17.7	26.5



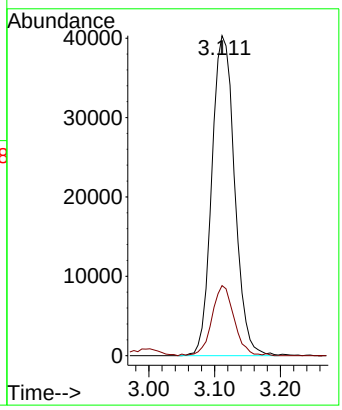


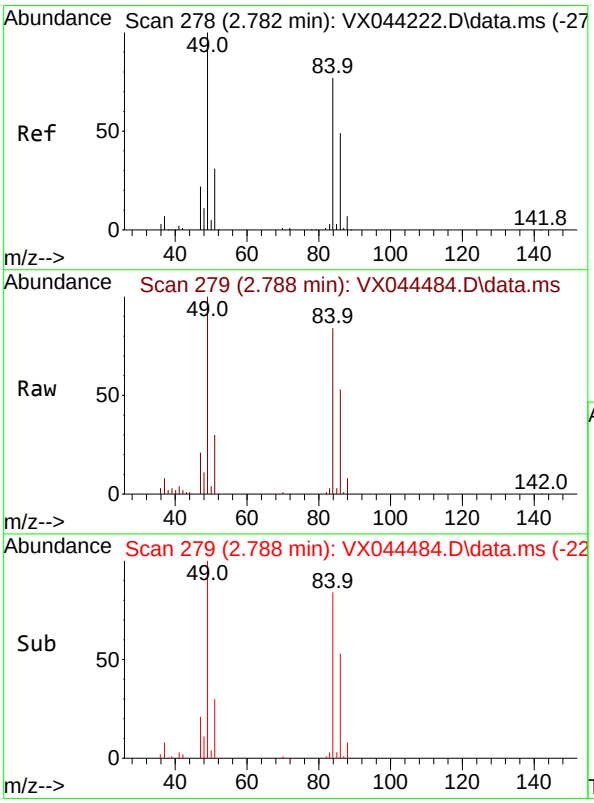
#19
Methyl tert-butyl Ether
Concen: 16.324 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion: 73 Resp: 97412

Ion	Ratio	Lower	Upper
73	100		
57	21.9	16.2	24.4

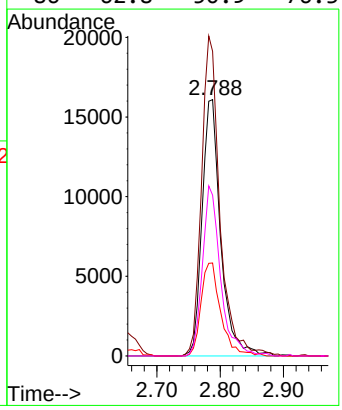


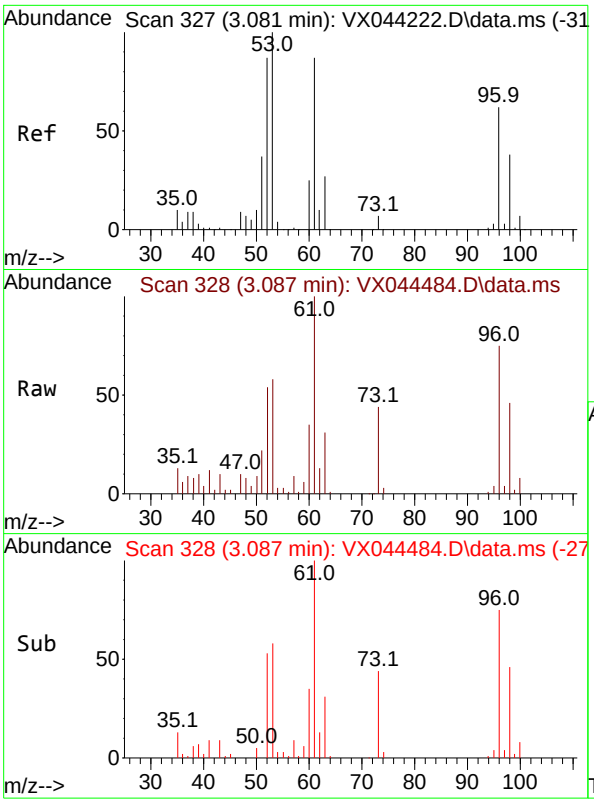


#20
Methylene Chloride
Concen: 17.995 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 84 Resp: 32960

Ion	Ratio	Lower	Upper
84	100		
49	118.9	104.2	156.4
51	36.3	32.2	48.4
86	62.8	50.9	76.3



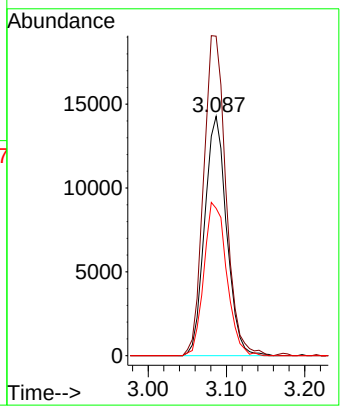


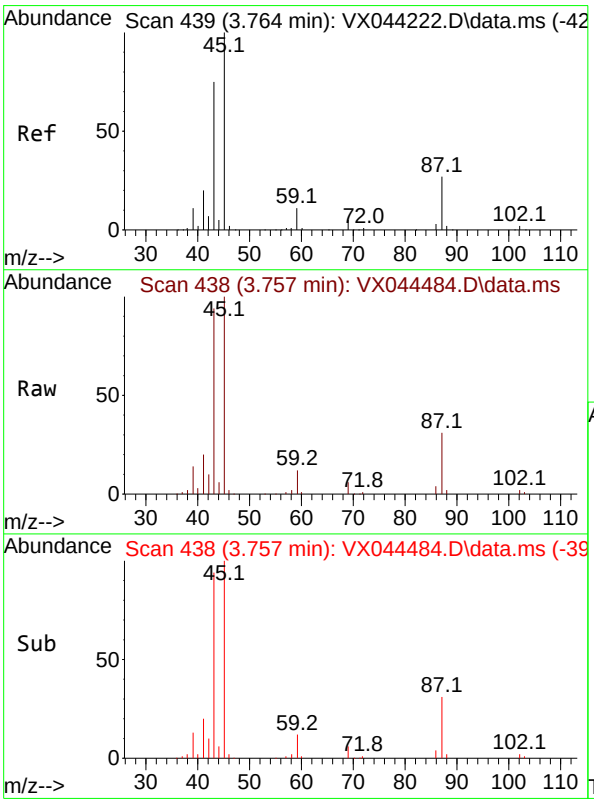
#21
trans-1,2-Dichloroethene
Concen: 17.082 ug/l
RT: 3.087 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion: 96 Resp: 27761

Ion	Ratio	Lower	Upper
96	100		
61	133.6	112.0	168.0
98	61.6	48.8	73.2

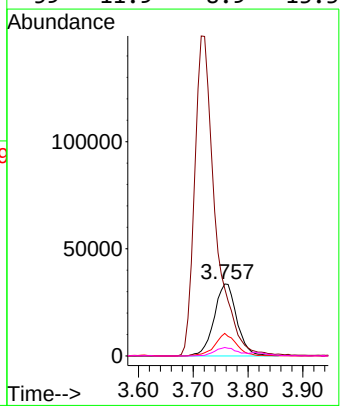


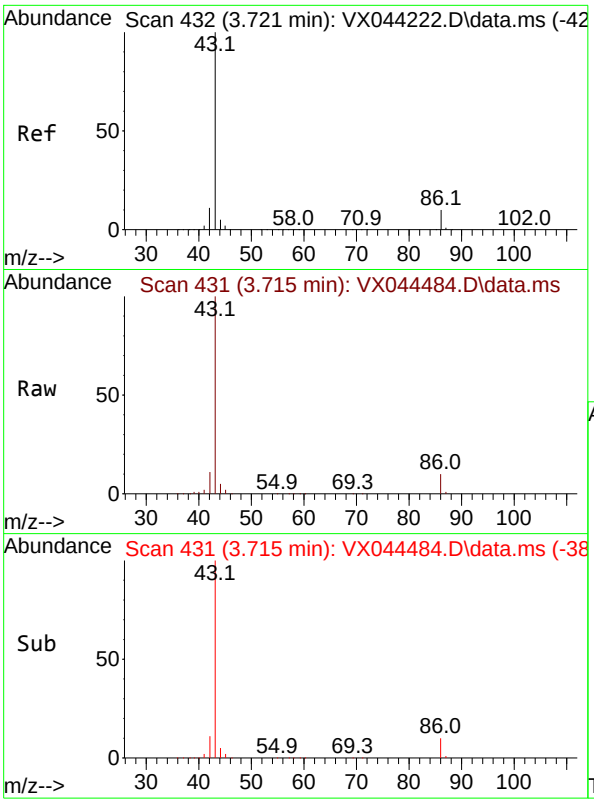


#22
Diisopropyl ether
Concen: 16.828 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 45 Resp: 96519

Ion	Ratio	Lower	Upper
45	100		
43	93.3	60.2	90.2#
87	31.4	21.2	31.8
59	11.9	8.9	13.3



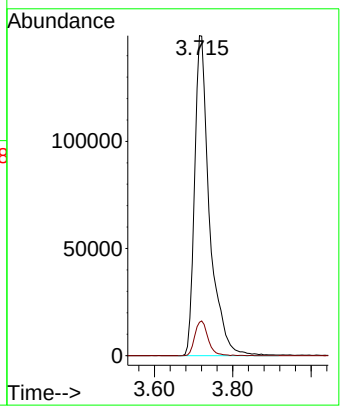


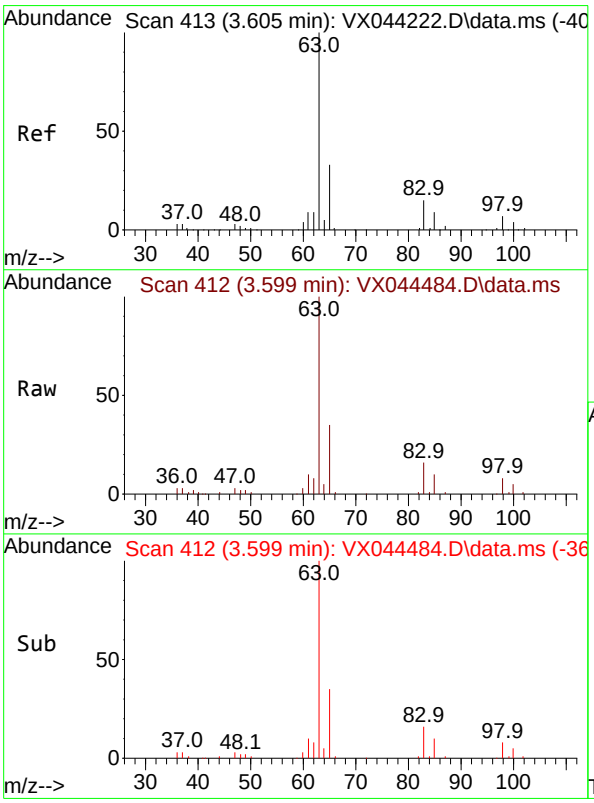
#23
Vinyl Acetate
Concen: 85.091 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion: 43 Resp: 396777

Ion	Ratio	Lower	Upper
43	100		
86	10.5	8.2	12.2

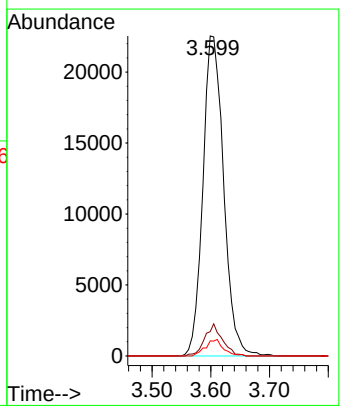


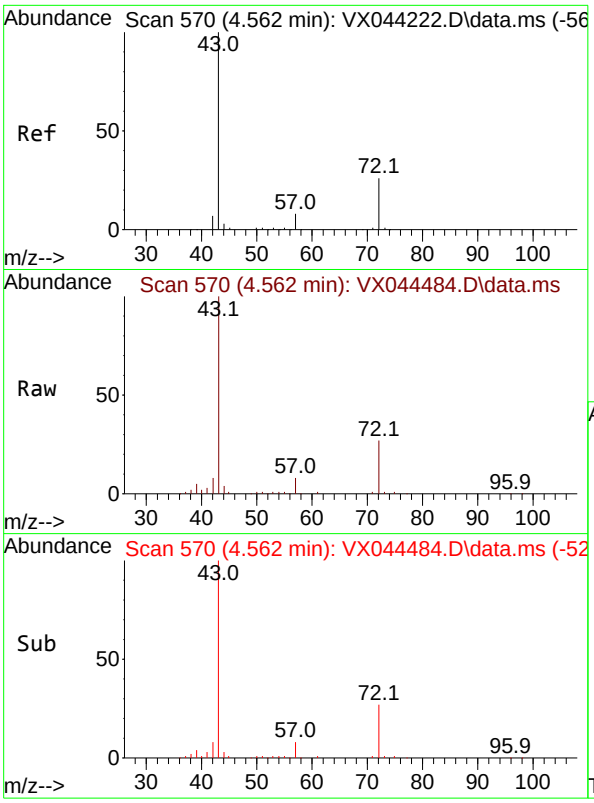


#24
1,1-Dichloroethane
Concen: 17.319 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 63 Resp: 55371

Ion	Ratio	Lower	Upper
63	100		
98	7.6	3.6	10.8
100	4.7	2.1	6.3



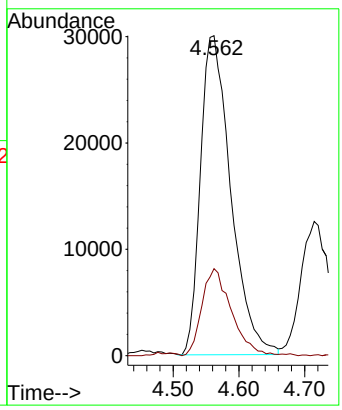


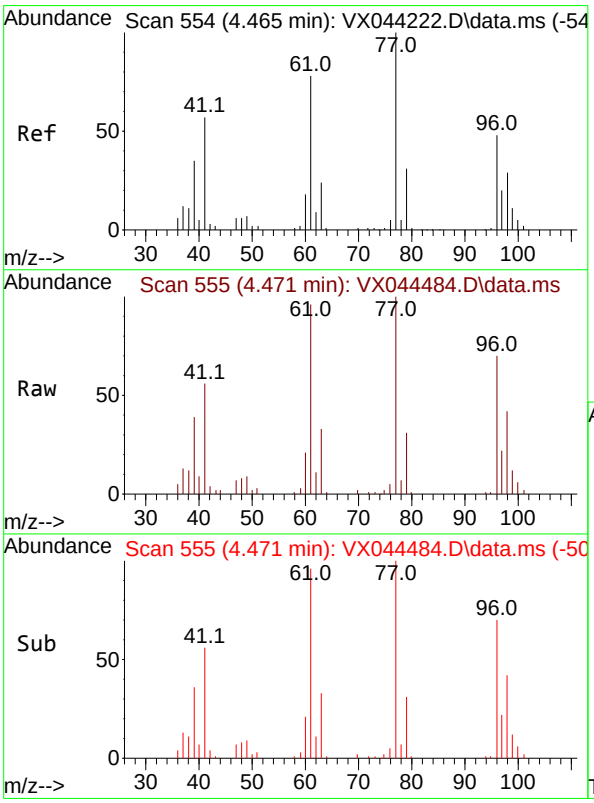
#25
2-Butanone
Concen: 69.639 ug/l
RT: 4.562 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion: 43 Resp: 96544

Ion	Ratio	Lower	Upper
43	100		
72	26.9	20.2	30.4

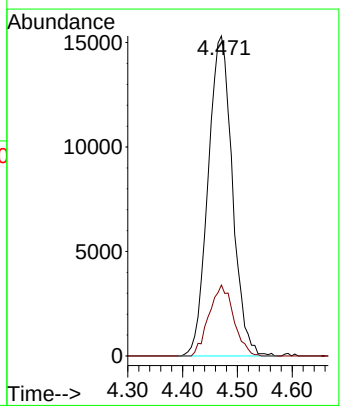


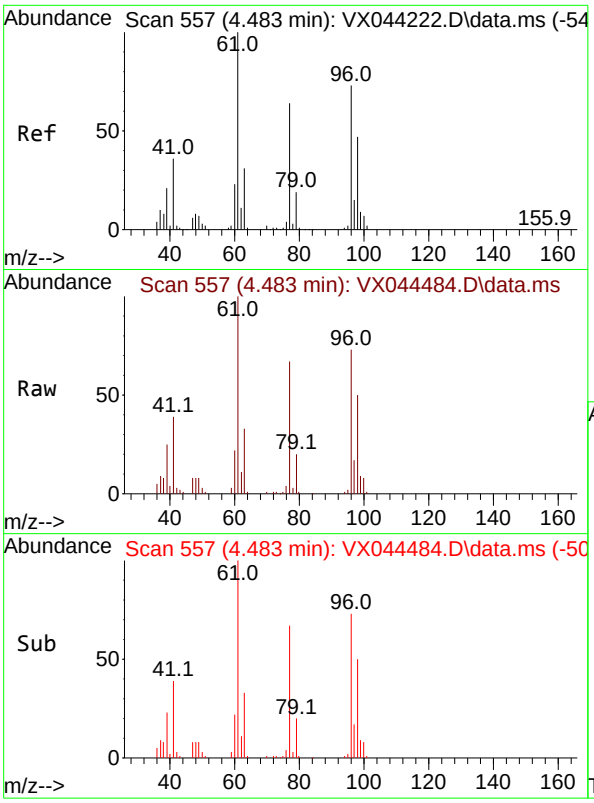


#26
2,2-Dichloropropane
Concen: 18.126 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 77 Resp: 47079

Ion	Ratio	Lower	Upper
77	100		
97	22.5	10.7	32.1



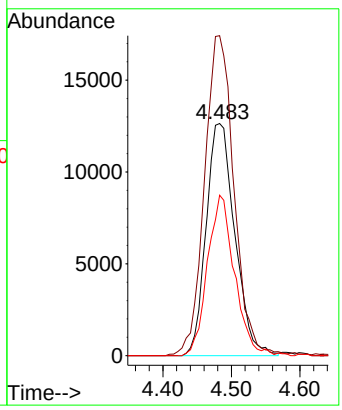


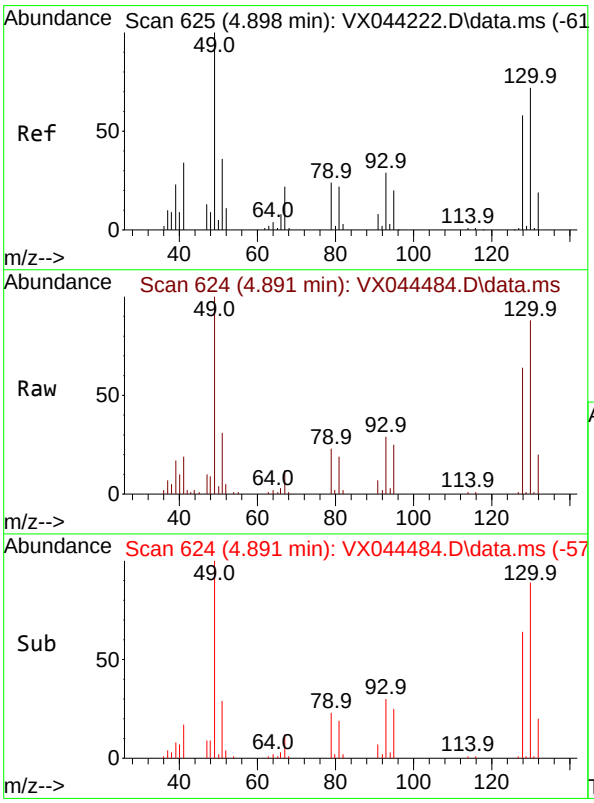
#27
cis-1,2-Dichloroethene
Concen: 17.829 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion: 96 Resp: 36799

Ion	Ratio	Lower	Upper
96	100		
61	141.6	0.0	299.0
98	65.2	0.0	129.0

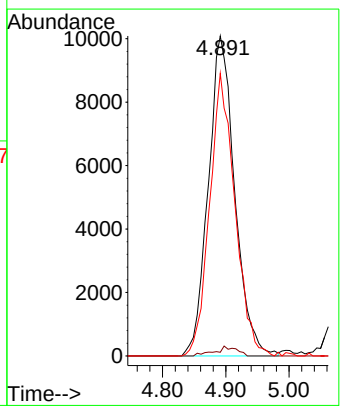


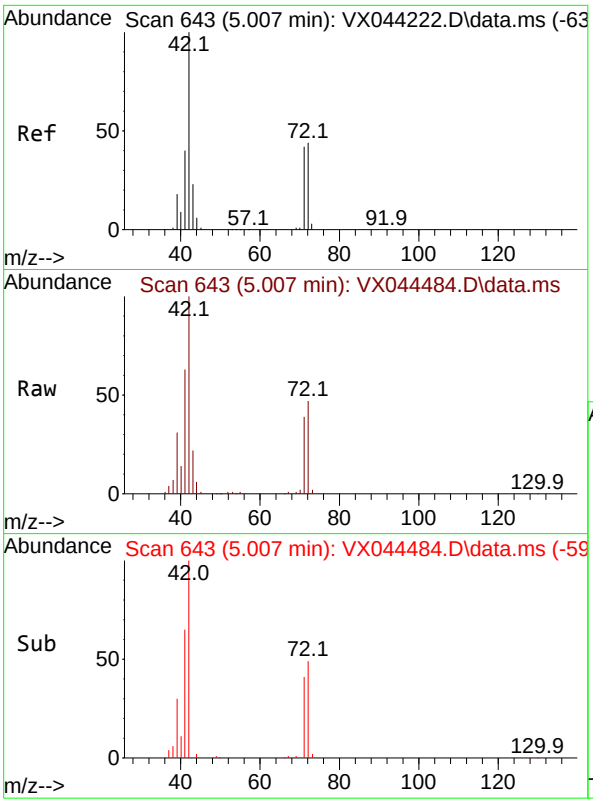


#28
Bromochloromethane
Concen: 18.689 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 49 Resp: 29299

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.2
130	84.3	62.1	93.1



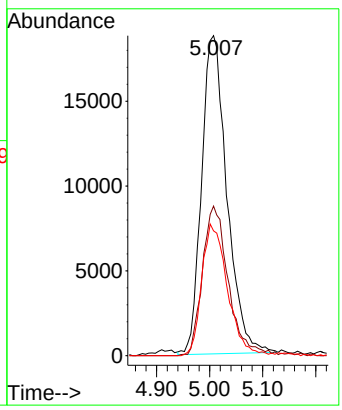


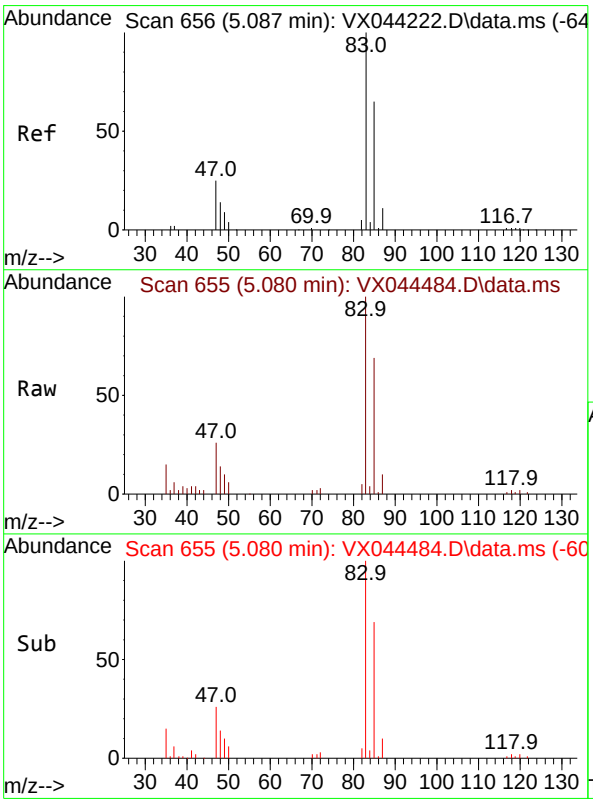
#29
Tetrahydrofuran
Concen: 69.958 ug/l
RT: 5.007 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion: 42 Resp: 62253

Ion	Ratio	Lower	Upper
42	100		
72	48.1	37.0	55.6
71	41.9	33.6	50.4

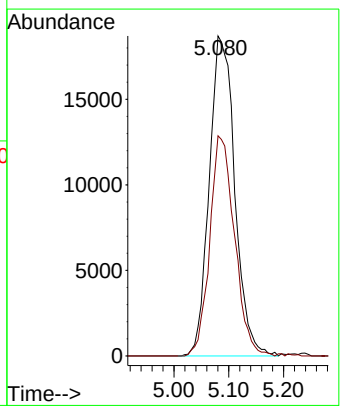


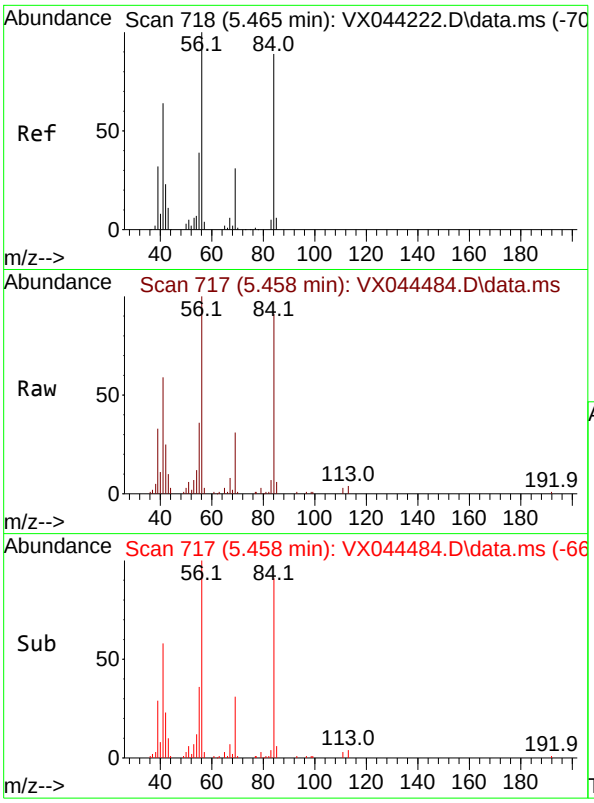


#30
Chloroform
Concen: 16.834 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 83 Resp: 60467

Ion	Ratio	Lower	Upper
83	100		
85	68.8	51.6	77.4



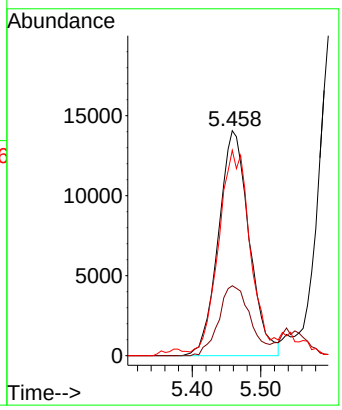


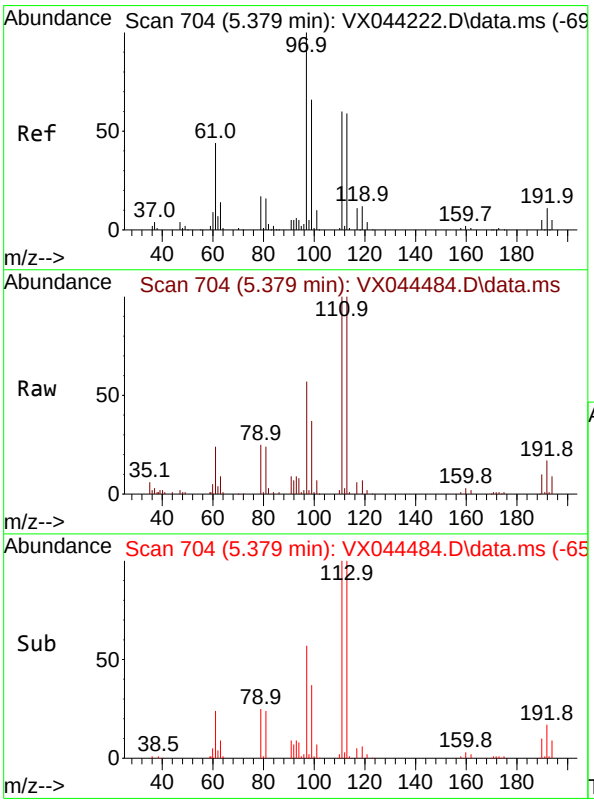
#31
Cyclohexane
Concen: 16.960 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion: 56 Resp: 43786

Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.7	37.1
84	88.4	71.0	106.6

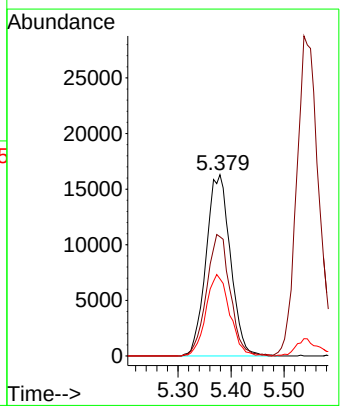


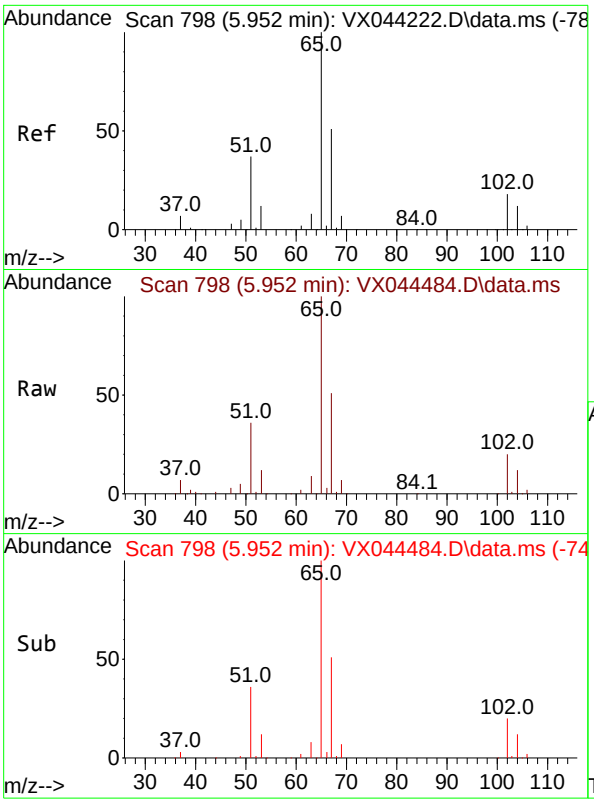


#32
1,1,1-Trichloroethane
Concen: 17.470 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 97 Resp: 52091

Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.8	76.2
61	44.0	35.2	52.8



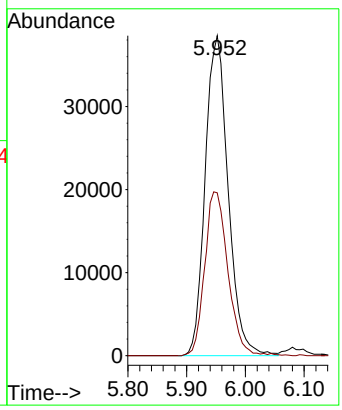


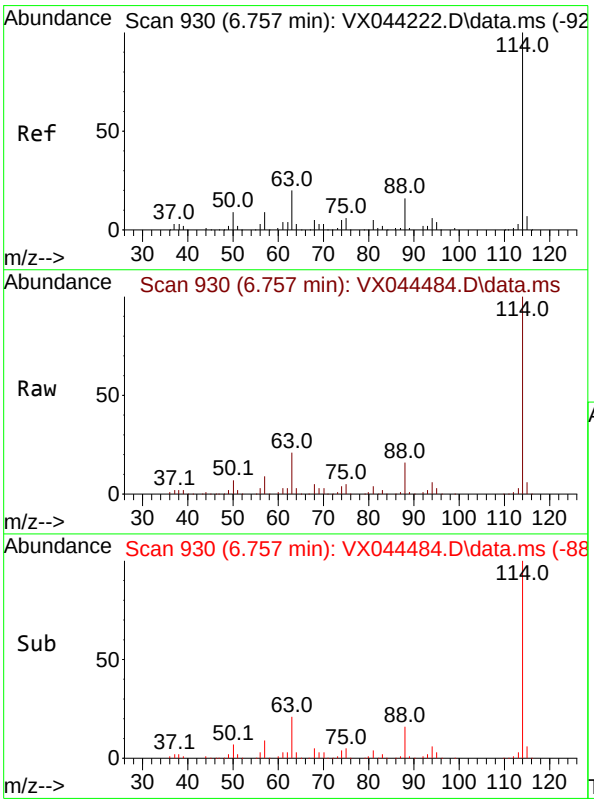
#33
1,2-Dichloroethane-d4
Concen: 43.697 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion: 65 Resp: 104522

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	101.6

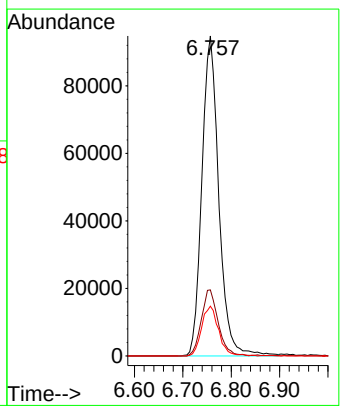


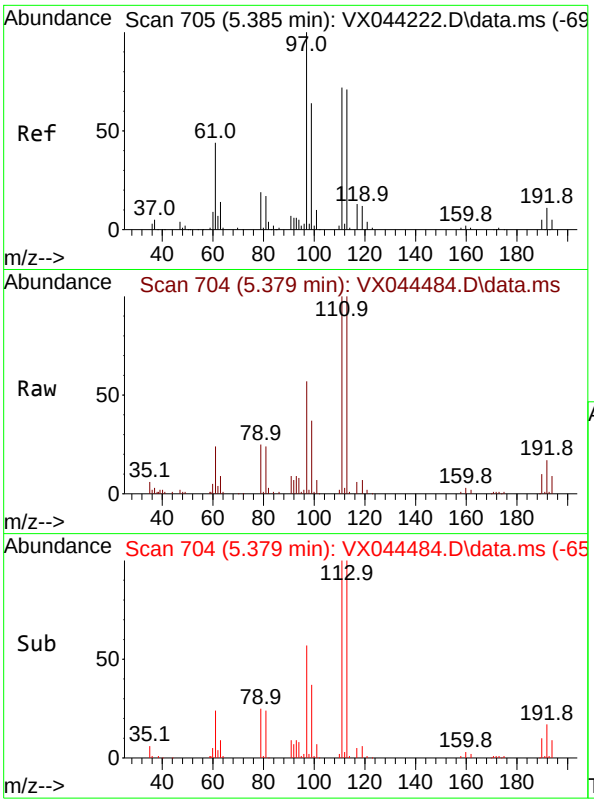


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:114 Resp: 230675

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.6
88	15.6	0.0	31.8



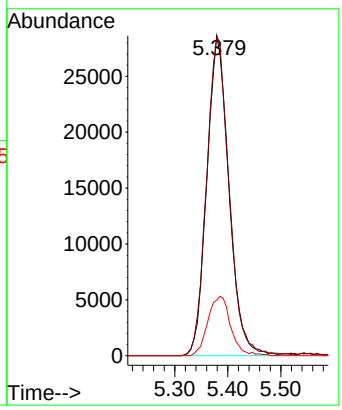


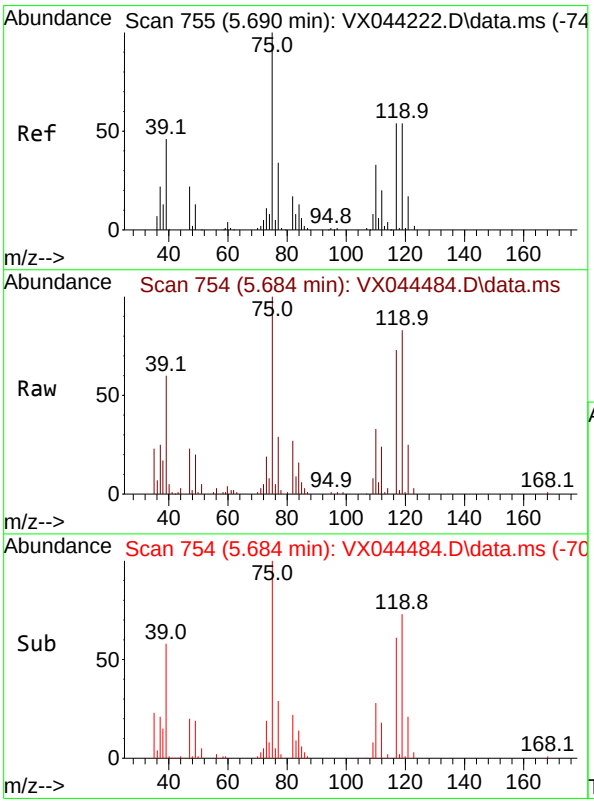
#35
Dibromofluoromethane
Concen: 52.043 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion:113 Resp: 83146

Ion	Ratio	Lower	Upper
113	100		
111	101.7	80.4	120.6
192	19.1	13.3	19.9

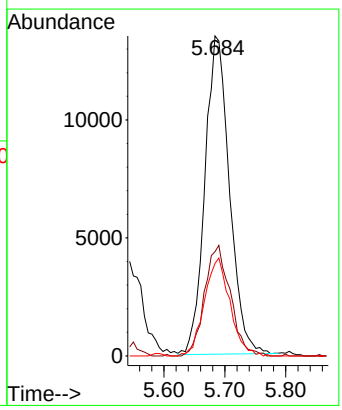


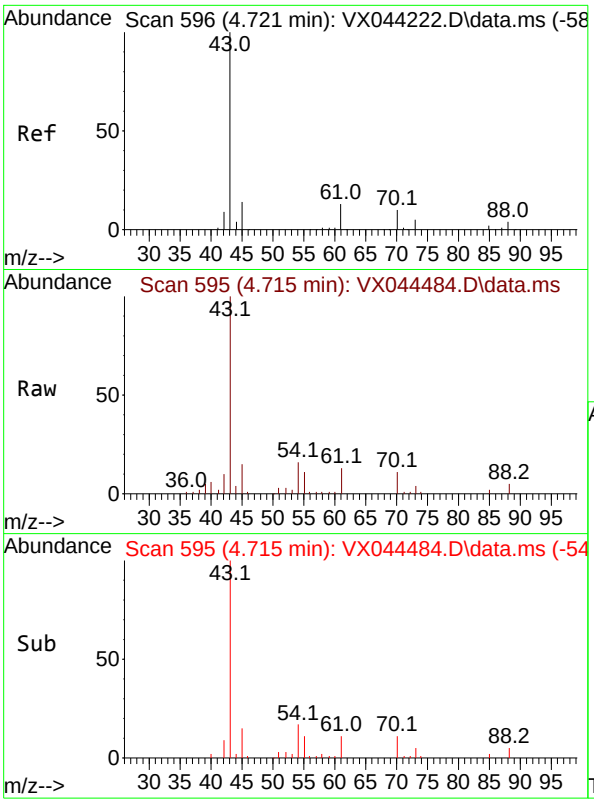


#36
1,1-Dichloropropene
Concen: 18.299 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 75 Resp: 37790

Ion	Ratio	Lower	Upper
75	100		
110	36.4	17.3	51.7
77	32.1	25.4	38.0



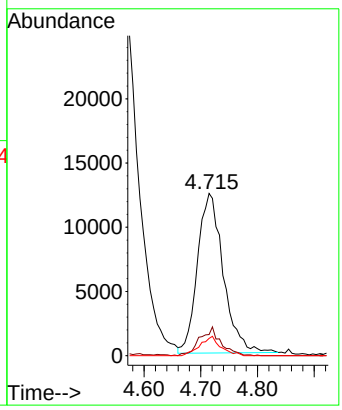


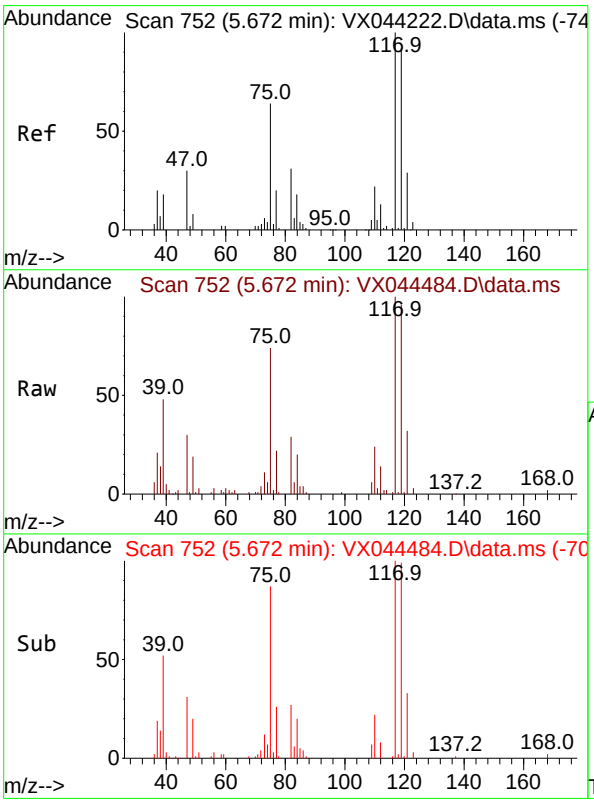
#37
Ethyl Acetate
Concen: 15.393 ug/l
RT: 4.715 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion: 43 Resp: 39294

Ion	Ratio	Lower	Upper
43	100		
61	14.6	9.8	14.8
70	9.7	7.7	11.5

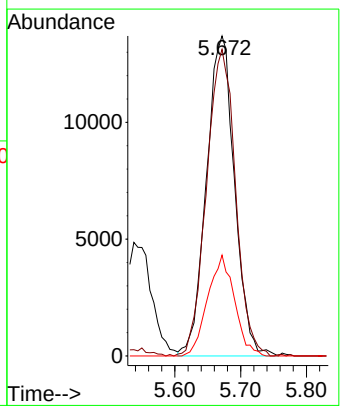


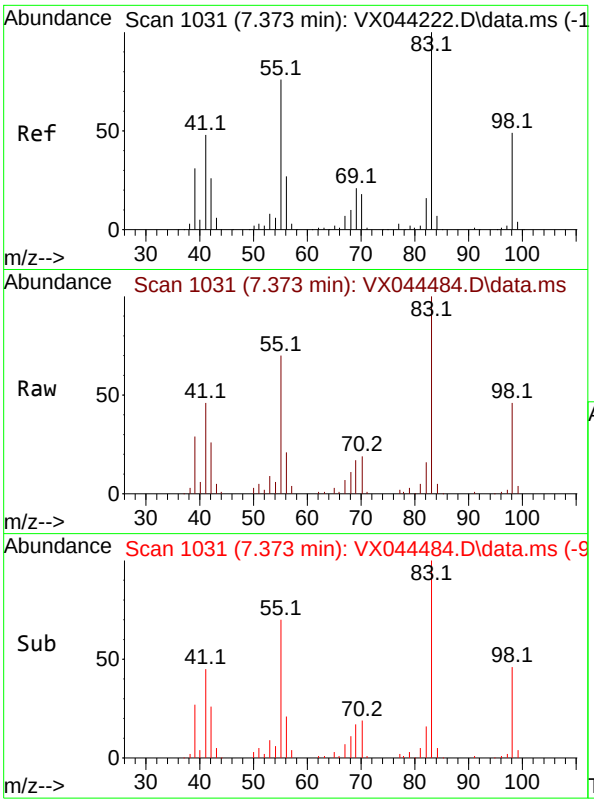


#38
Carbon Tetrachloride
Concen: 18.356 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:117 Resp: 40813

Ion	Ratio	Lower	Upper
117	100		
119	95.4	74.2	111.4
121	31.5	23.0	34.6



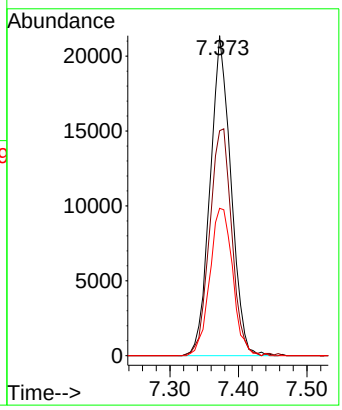


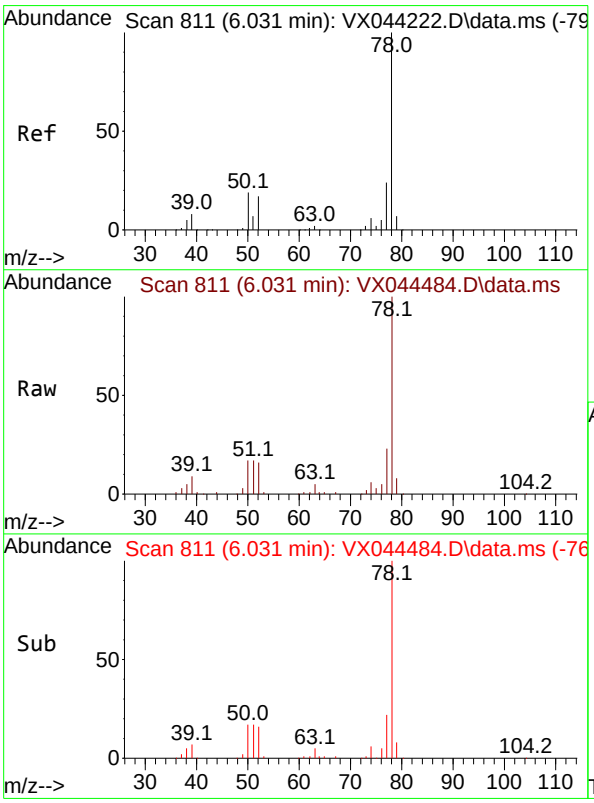
#39
Methylcyclohexane
Concen: 18.304 ug/l
RT: 7.373 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion: 83 Resp: 45190

Ion	Ratio	Lower	Upper
83	100		
55	70.3	60.7	91.1
98	46.1	38.9	58.3

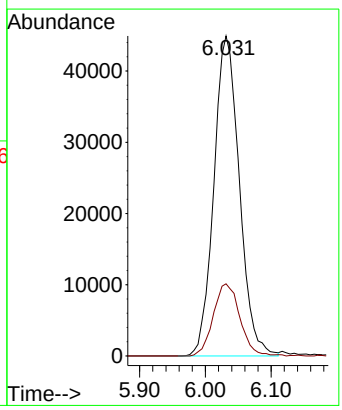


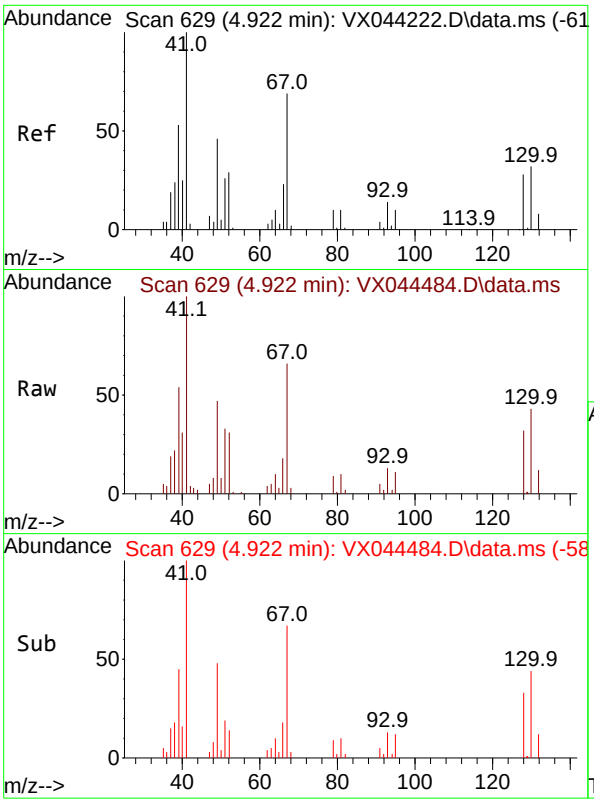


#40
Benzene
Concen: 19.316 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 78 Resp: 121112

Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.3	28.9



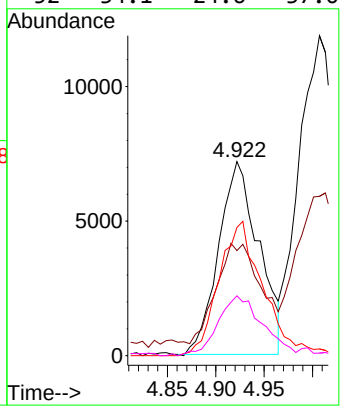


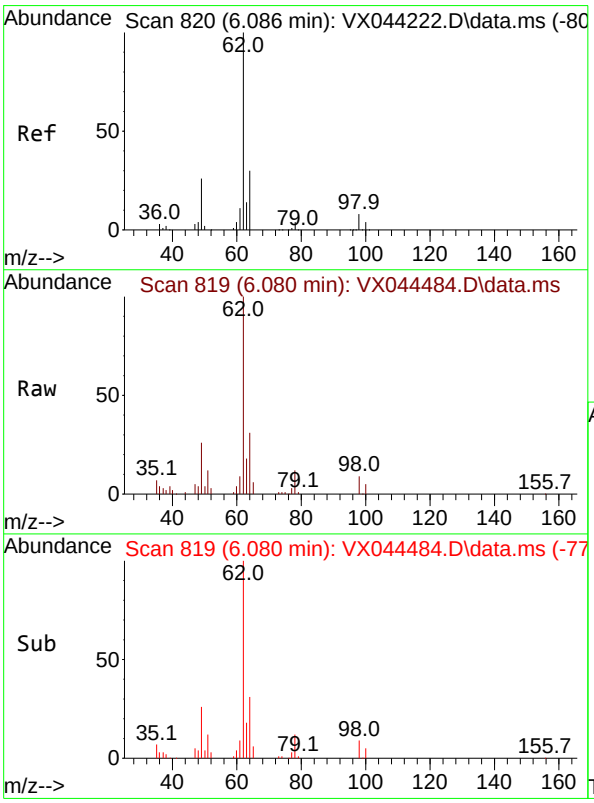
#41
Methacrylonitrile
Concen: 15.336 ug/l
RT: 4.922 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion: 41 Resp: 20789

Ion	Ratio	Lower	Upper
41	100		
39	59.7	44.2	66.4
67	76.5	57.2	85.8
52	34.1	24.6	37.0

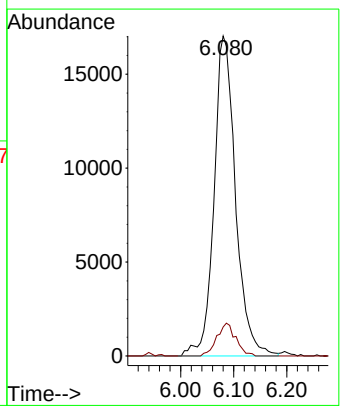


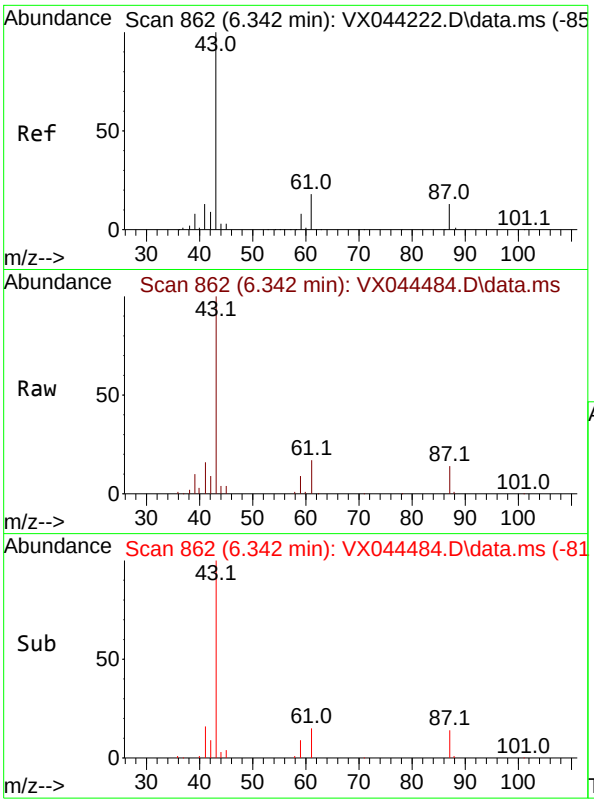


#42
1,2-Dichloroethane
Concen: 18.601 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 62 Resp: 48045

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	15.8



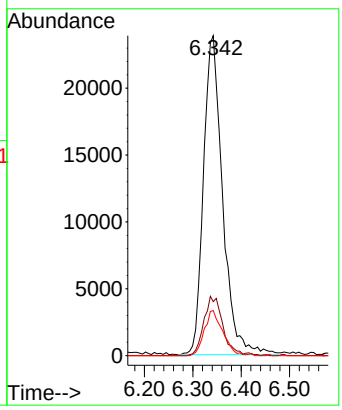


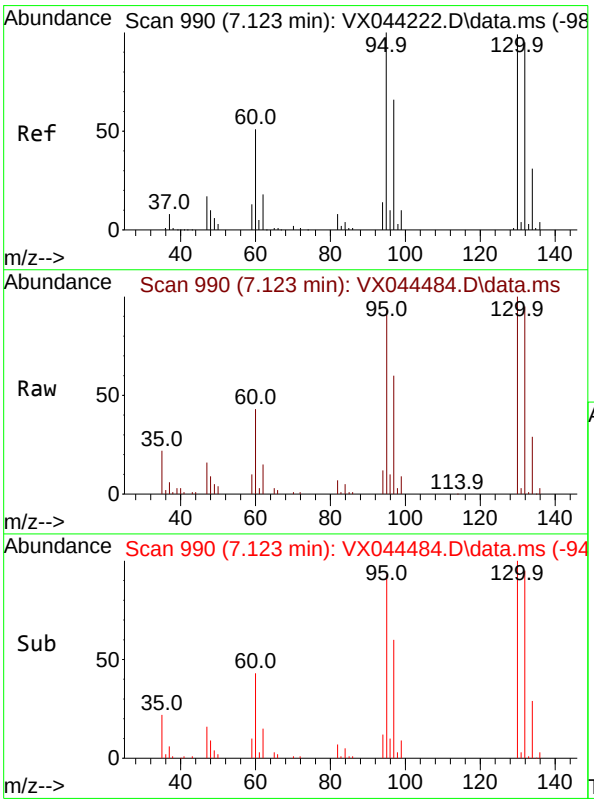
#43
Isopropyl Acetate
Concen: 16.475 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion: 43 Resp: 65736

Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.2	21.2
87	13.6	10.2	15.2

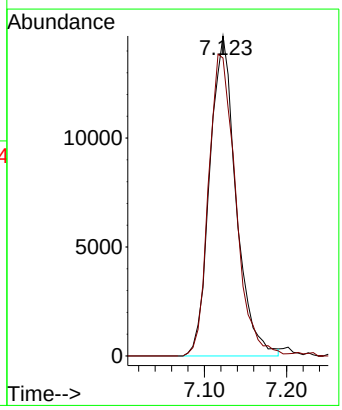


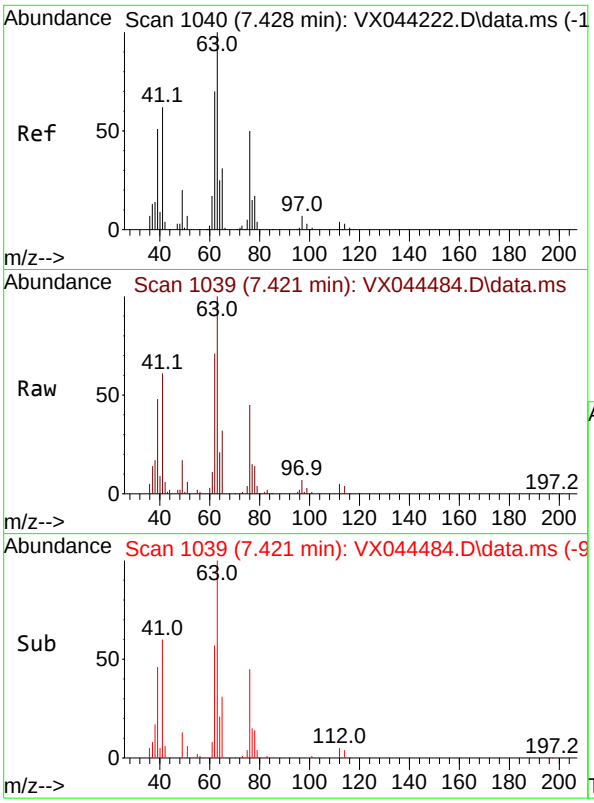


#44
Trichloroethene
Concen: 20.823 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:130 Resp: 32559

Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	201.4



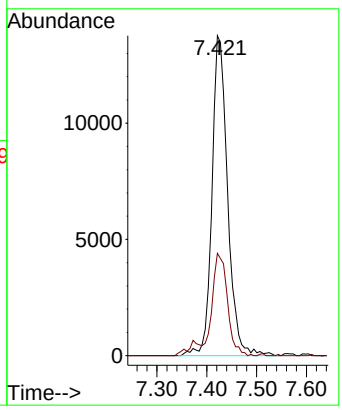


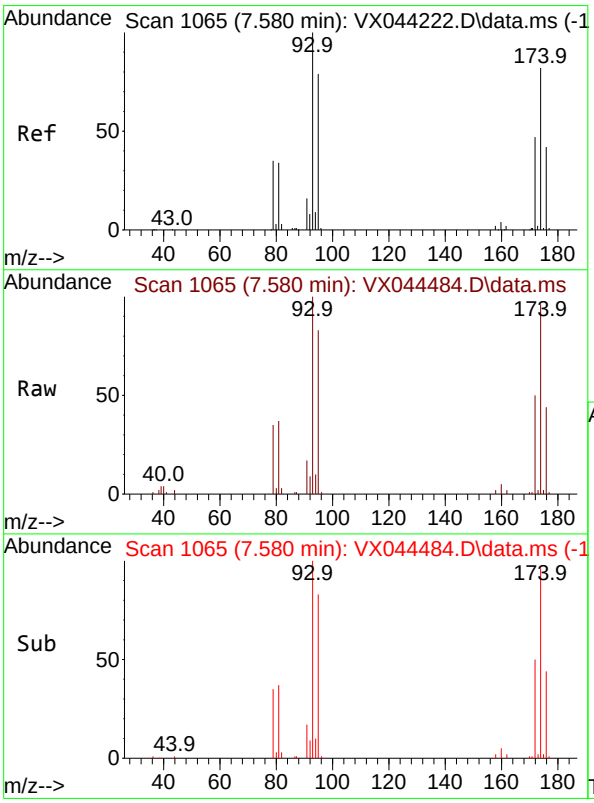
#45
1,2-Dichloropropane
Concen: 18.733 ug/l
RT: 7.421 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion: 63 Resp: 30009

Ion	Ratio	Lower	Upper
63	100		
65	31.6	24.6	37.0

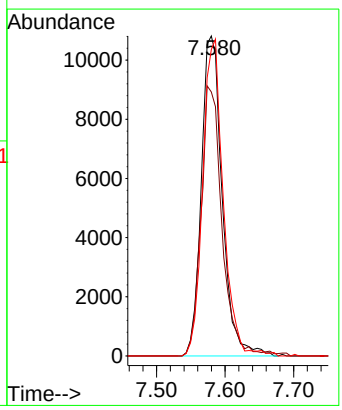


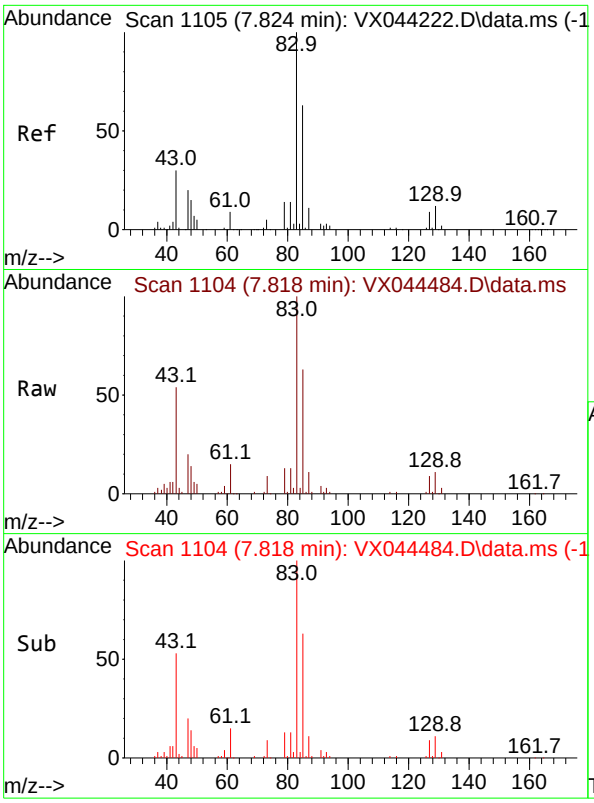


#46
Dibromomethane
Concen: 18.470 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 93 Resp: 22954

Ion	Ratio	Lower	Upper
93	100		
95	83.9	65.4	98.2
174	97.4	67.9	101.9



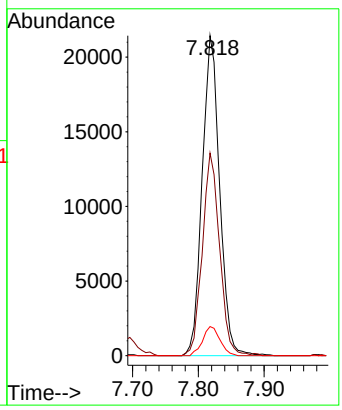


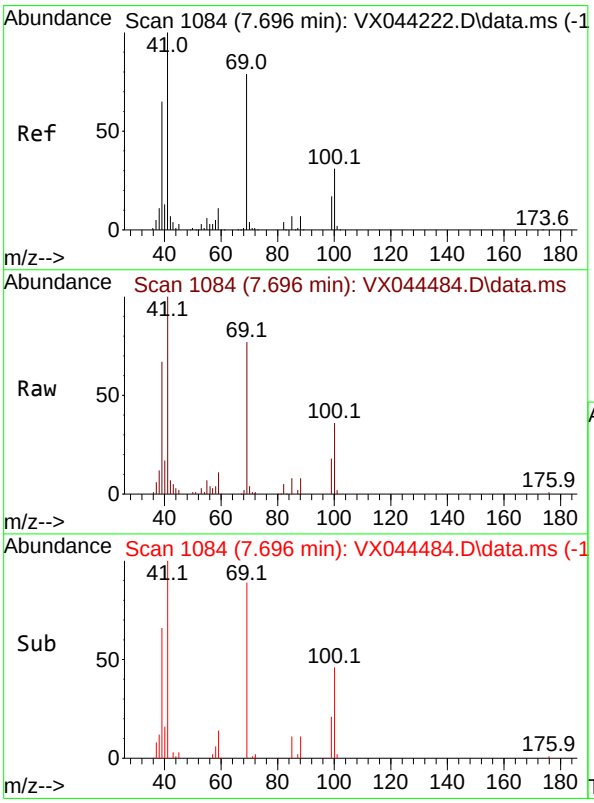
#47
Bromodichloromethane
Concen: 18.450 ug/l
RT: 7.818 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion: 83 Resp: 39600

Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.6	75.8
127	9.1	7.3	10.9

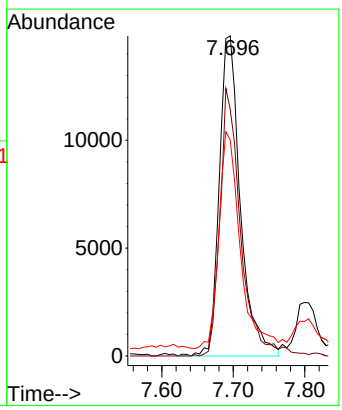


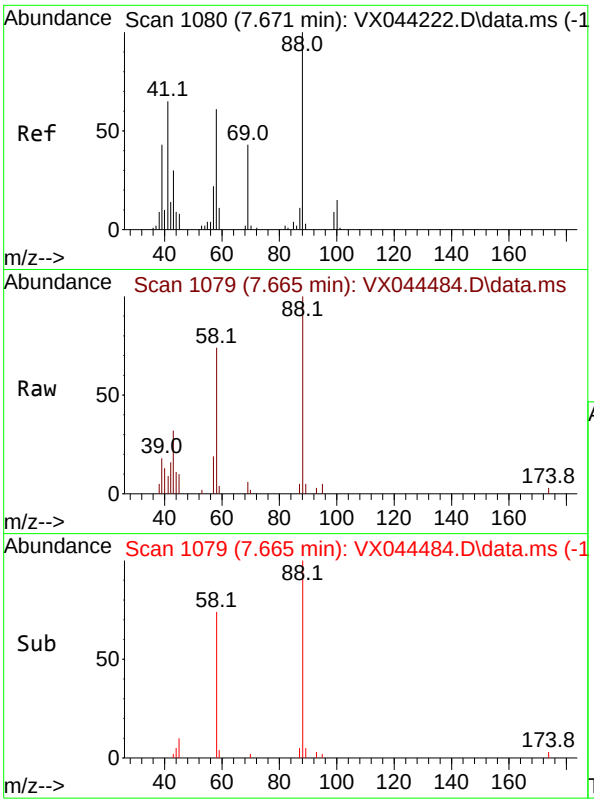


#48
Methyl methacrylate
Concen: 15.770 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 41 Resp: 30544

Ion	Ratio	Lower	Upper
41	100		
69	81.7	62.4	93.6
39	67.8	53.3	79.9



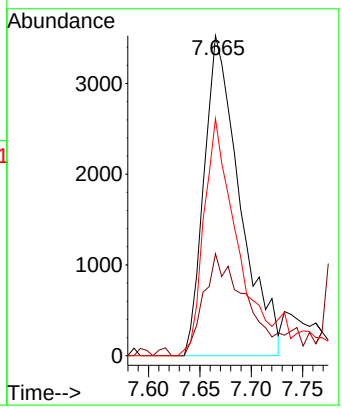


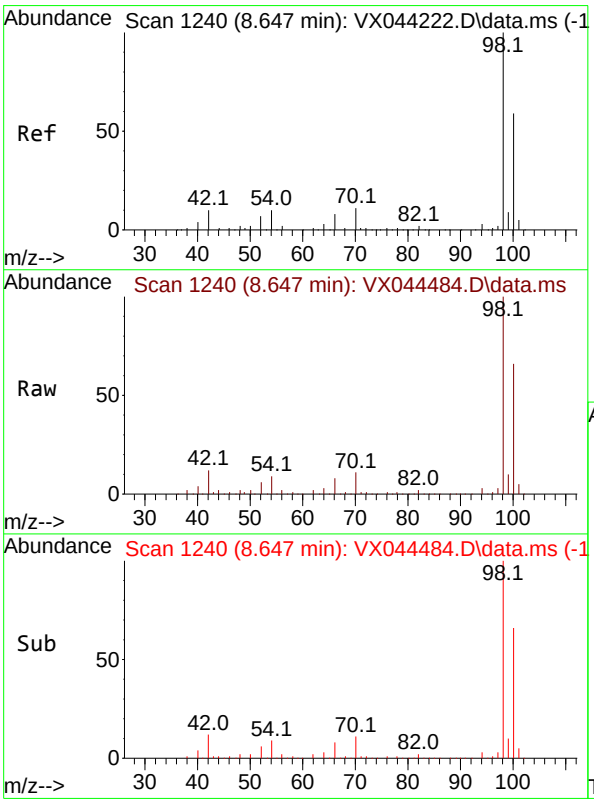
#49
1,4-Dioxane
Concen: 265.414 ug/l
RT: 7.665 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion: 88 Resp: 8523

Ion	Ratio	Lower	Upper
88	100		
43	38.0	27.1	40.7
58	67.9	41.0	61.4#

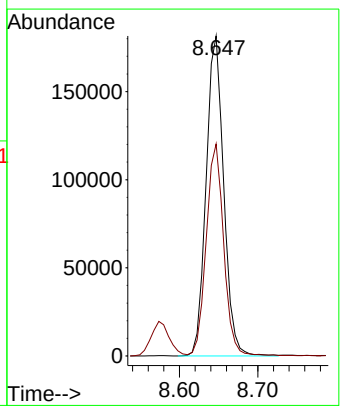


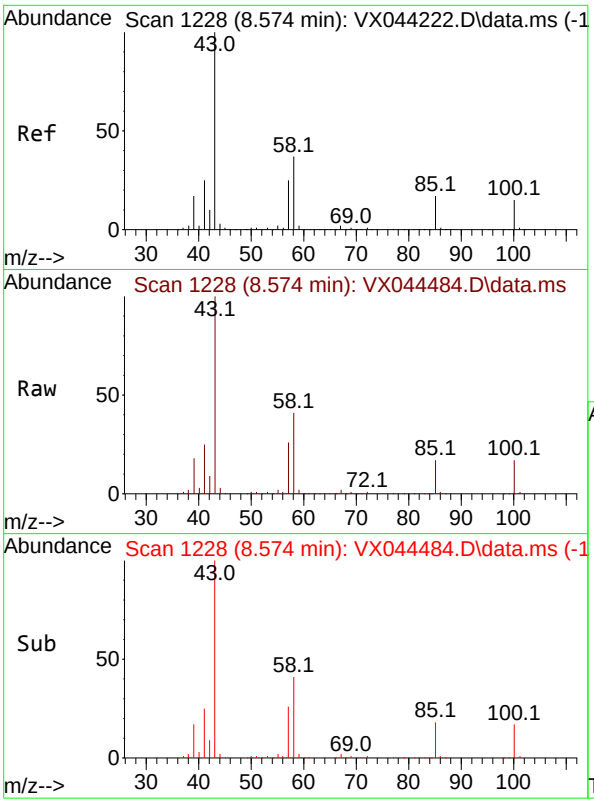


#50
Toluene-d8
Concen: 52.366 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 98 Resp: 282252

Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.5	77.3



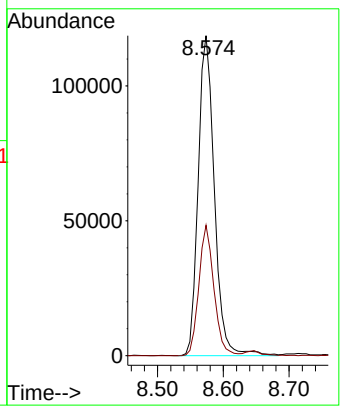


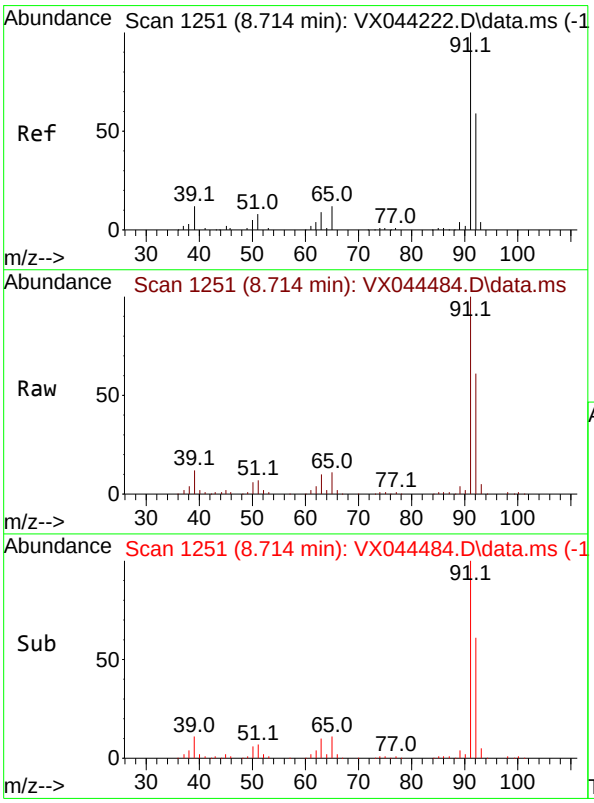
#51
4-Methyl-2-Pentanone
Concen: 79.048 ug/l
RT: 8.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion: 43 Resp: 202796

Ion	Ratio	Lower	Upper
43	100		
58	37.8	29.4	44.0

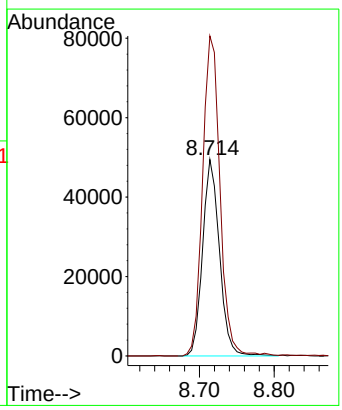


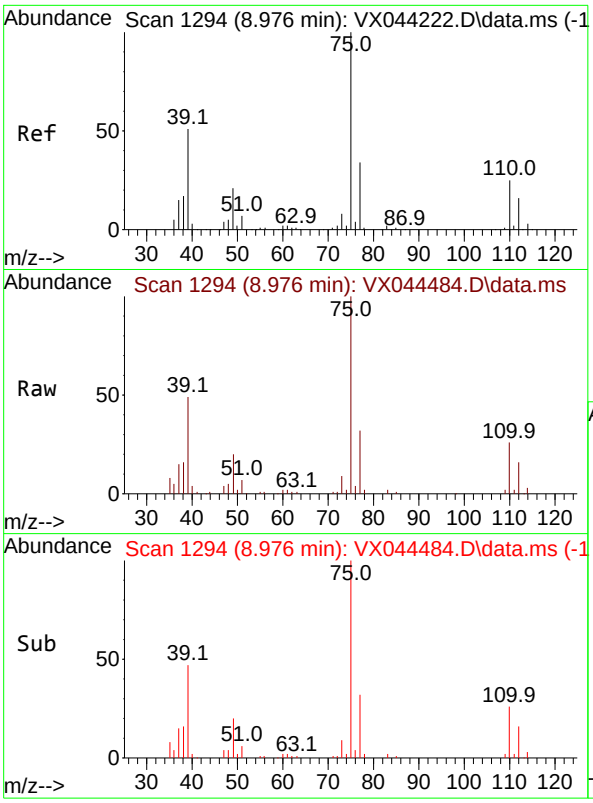


#52
Toluene
Concen: 19.696 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 92 Resp: 77555

Ion	Ratio	Lower	Upper
92	100		
91	167.9	137.0	205.6



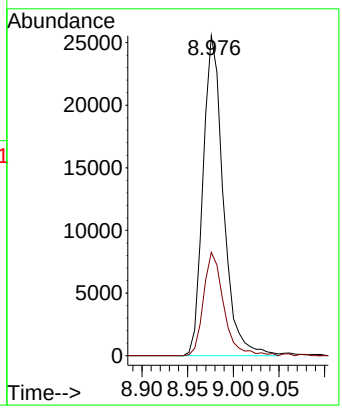


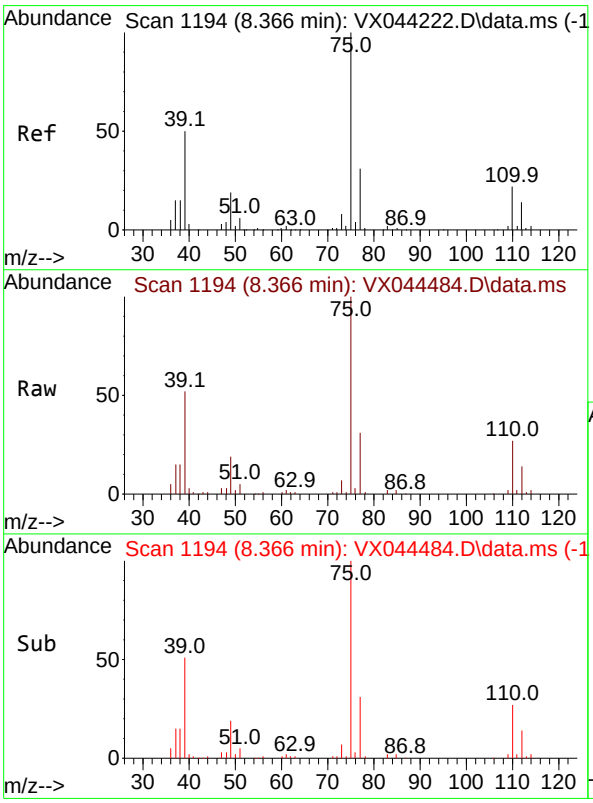
#53
t-1,3-Dichloropropene
Concen: 18.305 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion: 75 Resp: 39372

Ion	Ratio	Lower	Upper
75	100		
77	32.3	27.2	40.8

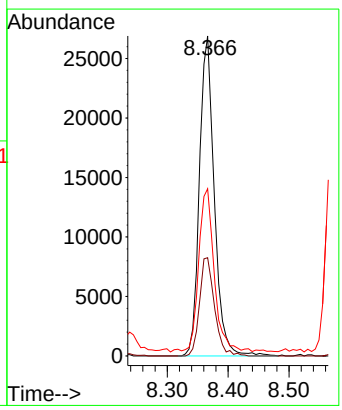


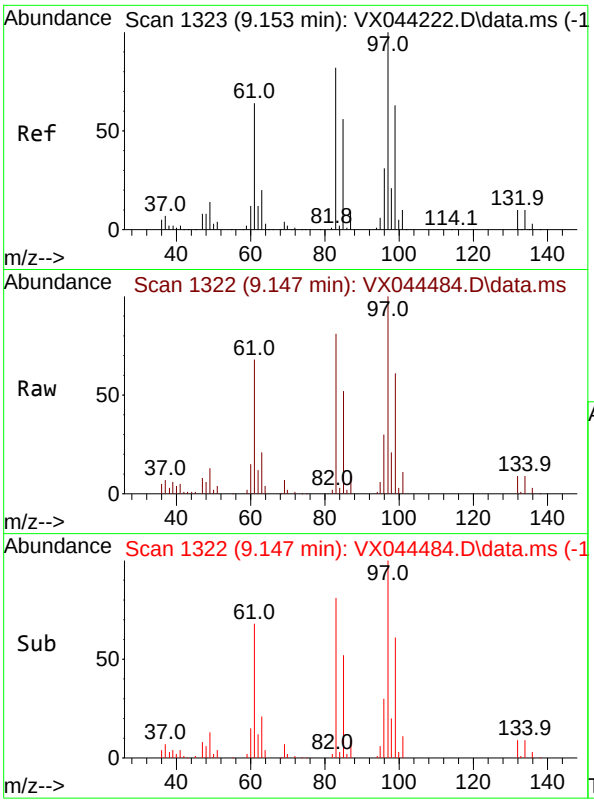


#54
cis-1,3-Dichloropropene
Concen: 19.516 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 75 Resp: 45608

Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.7	37.1
39	50.9	40.3	60.5



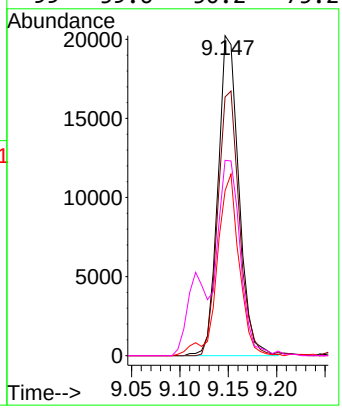


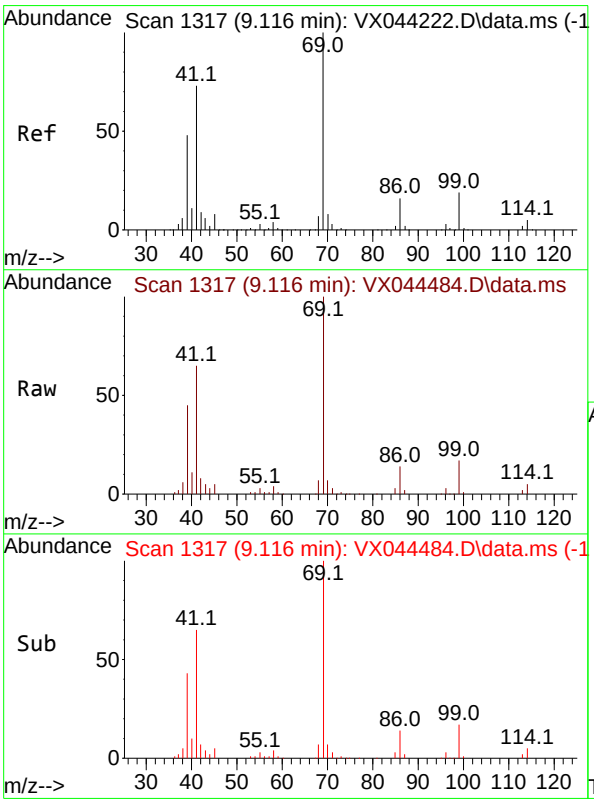
#55
1,1,2-Trichloroethane
Concen: 19.448 ug/l
RT: 9.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion: 97 Resp: 30421

Ion	Ratio	Lower	Upper
97	100		
83	80.8	65.3	97.9
85	51.1	44.6	67.0
99	59.6	50.2	75.2

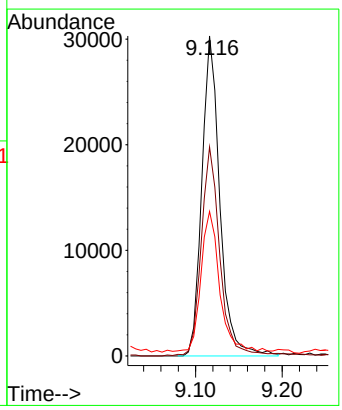


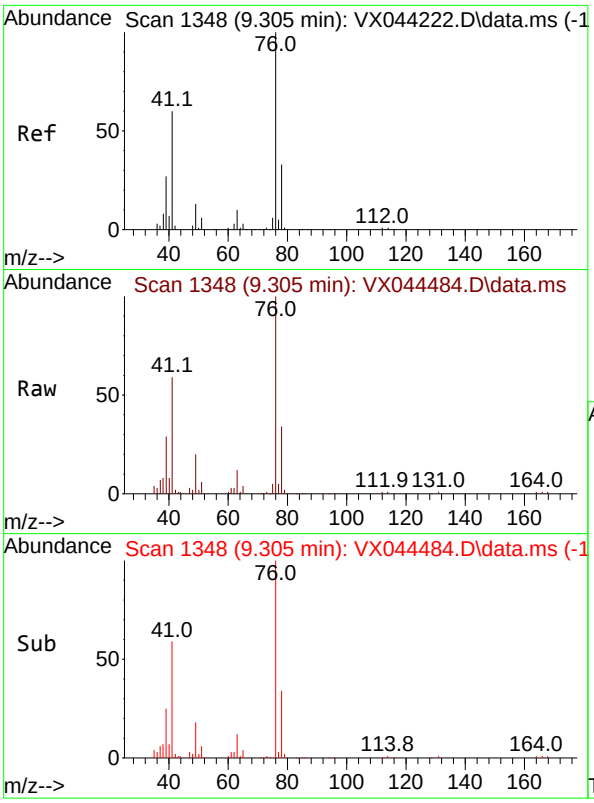


#56
Ethyl methacrylate
Concen: 17.707 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 69 Resp: 43727

Ion	Ratio	Lower	Upper
69	100		
41	68.6	56.6	85.0
39	46.2	37.4	56.0



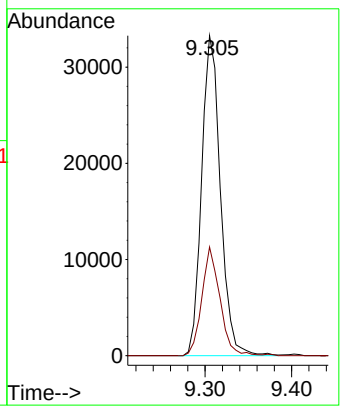


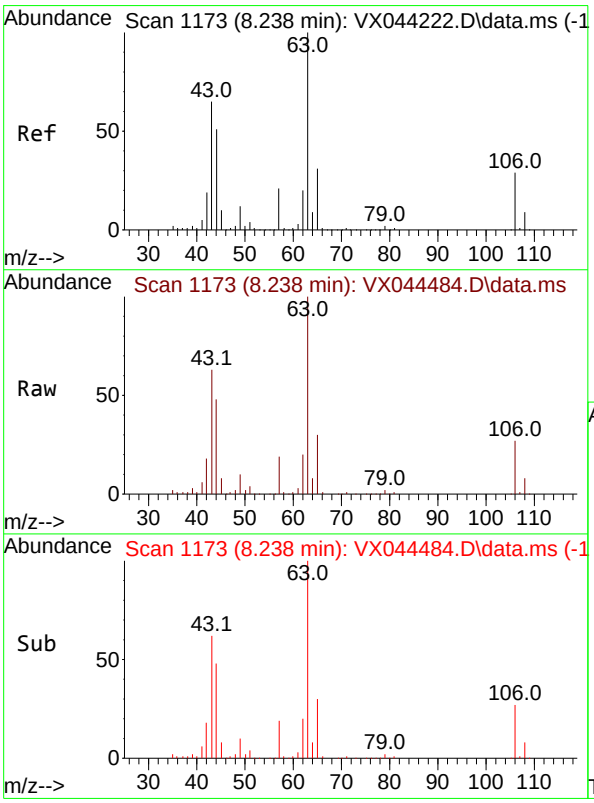
#57
1,3-Dichloropropane
Concen: 18.421 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion: 76 Resp: 50156

Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.5	39.7

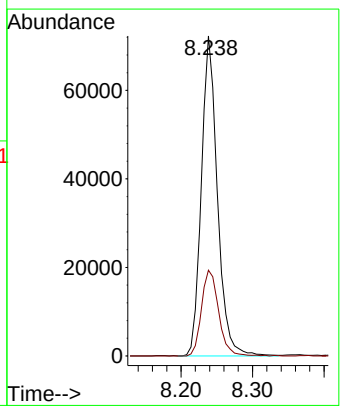


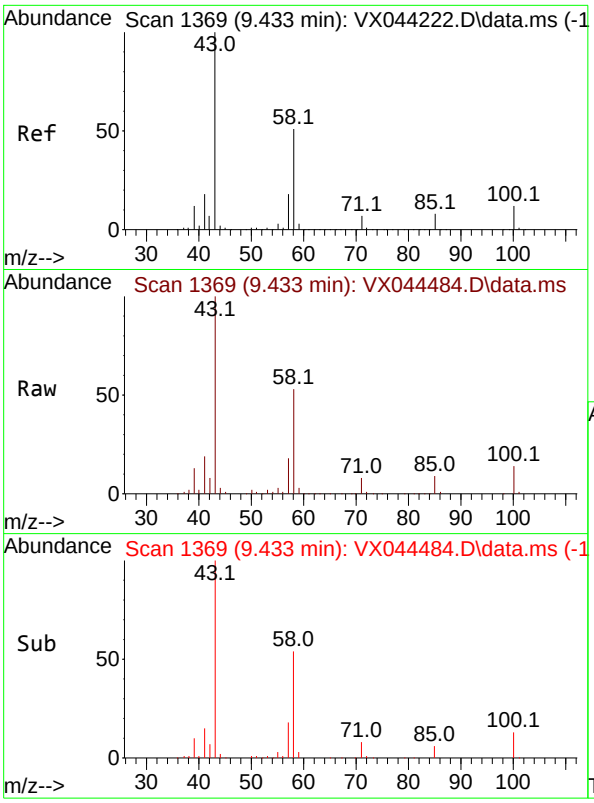


#58
2-Chloroethyl Vinyl ether
Concen: 90.532 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 63 Resp: 112759

Ion	Ratio	Lower	Upper
63	100		
106	28.6	22.8	34.2



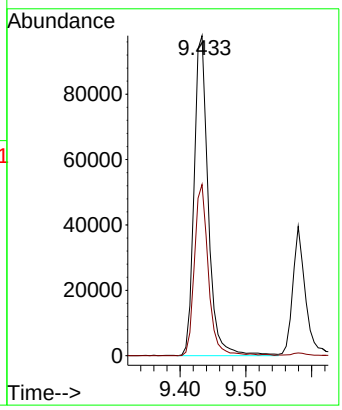


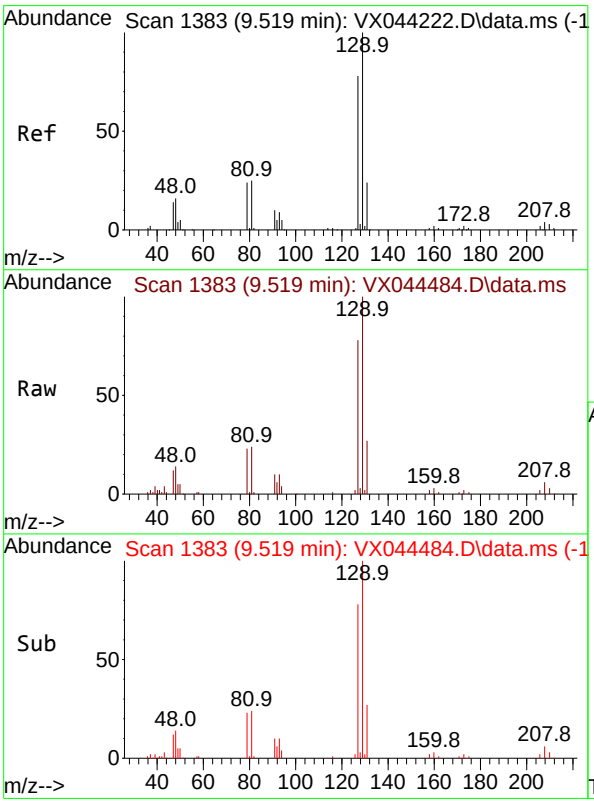
#59
2-Hexanone
Concen: 78.199 ug/l
RT: 9.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion: 43 Resp: 145212

Ion	Ratio	Lower	Upper
43	100		
58	52.6	25.7	77.0

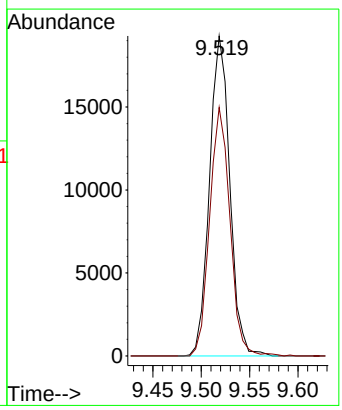


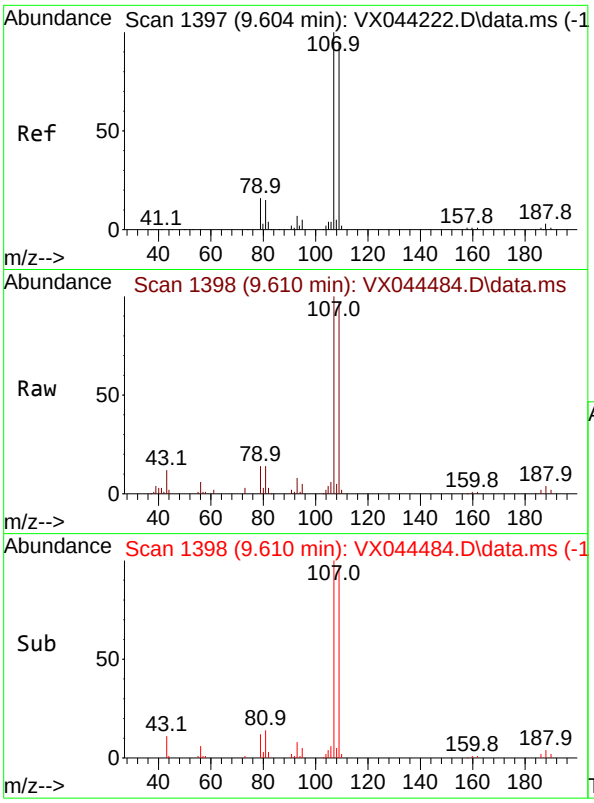


#60
Dibromochloromethane
Concen: 18.262 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:129 Resp: 28097

Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.5	115.3



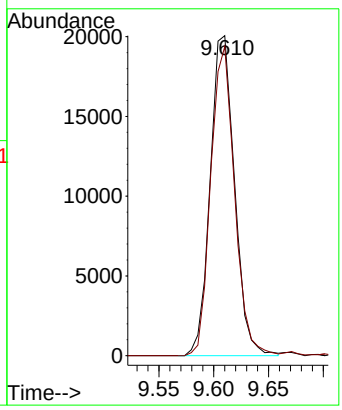


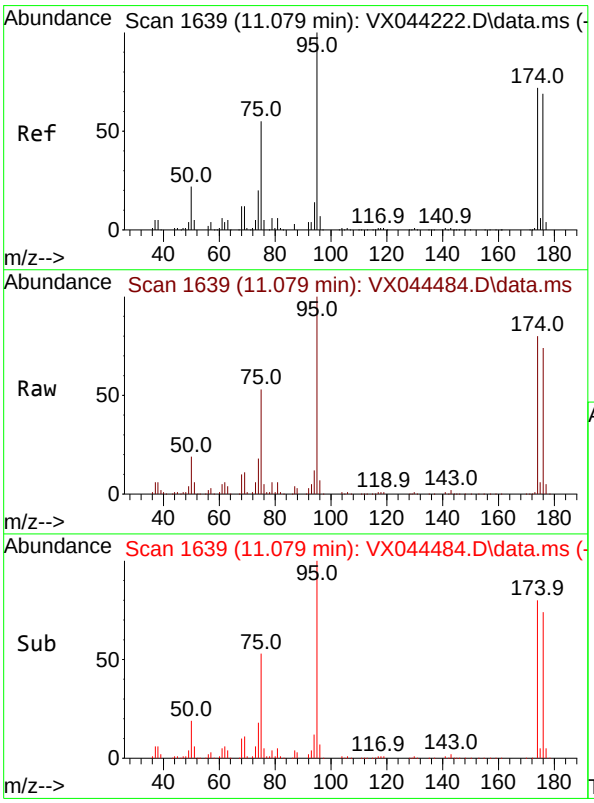
#61
1,2-Dibromoethane
Concen: 19.484 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion:107 Resp: 31023

Ion	Ratio	Lower	Upper
107	100		
109	94.4	77.0	115.4

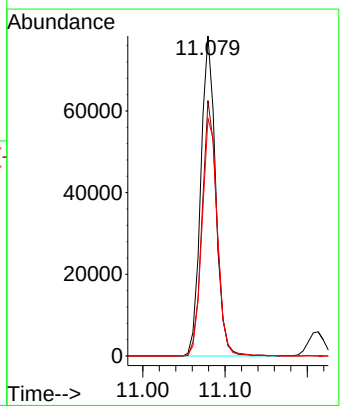


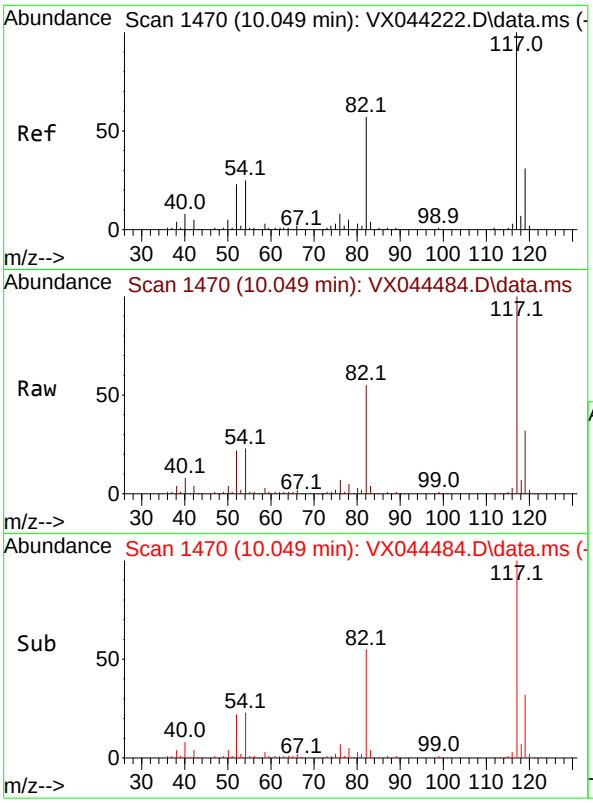


#62
4-Bromofluorobenzene
Concen: 52.054 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 95 Resp: 98037

Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	145.8
176	77.2	0.0	137.8



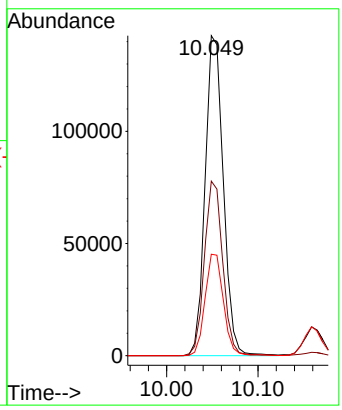


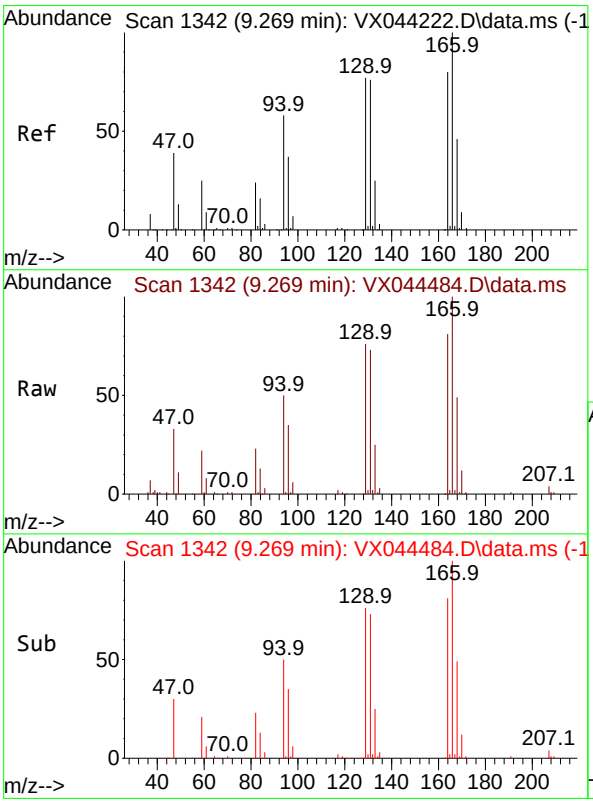
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion:117 Resp: 197773

Ion	Ratio	Lower	Upper
117	100		
82	54.6	45.8	68.8
119	31.7	25.0	37.4

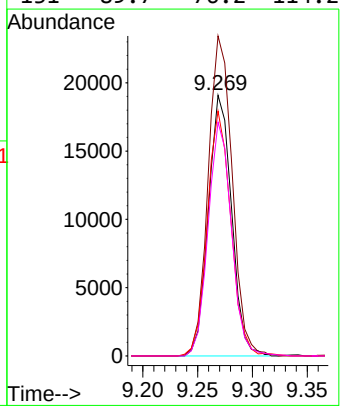


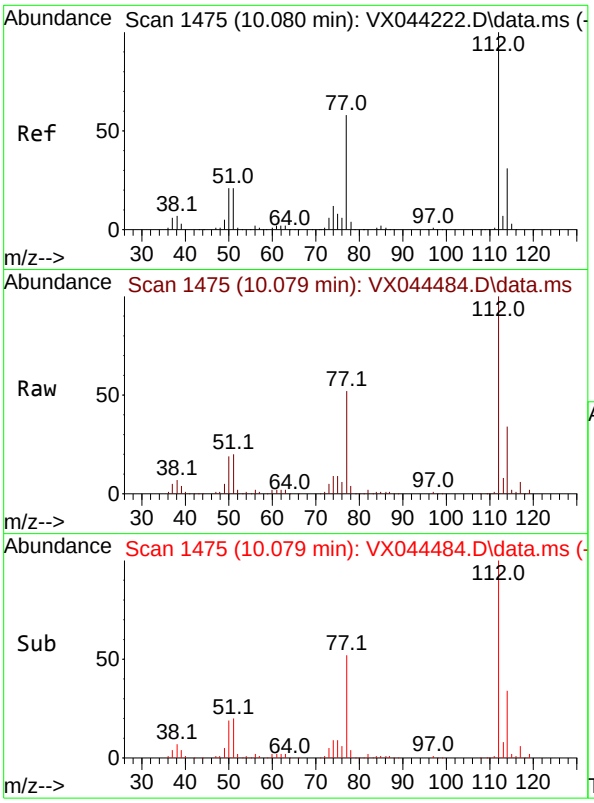


#64
Tetrachloroethene
Concen: 21.455 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:164 Resp: 28163

Ion	Ratio	Lower	Upper
164	100		
166	122.8	100.4	150.6
129	93.9	77.2	115.8
131	89.7	76.2	114.2



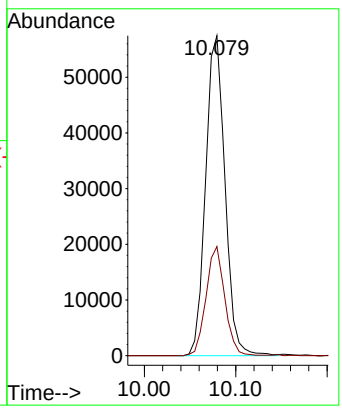


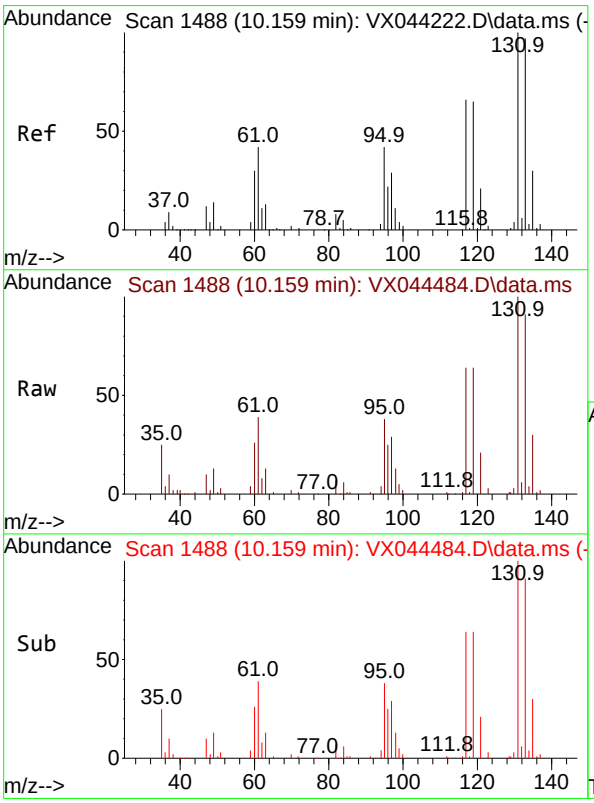
#65
Chlorobenzene
Concen: 19.887 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion:112 Resp: 84278

Ion	Ratio	Lower	Upper
112	100		
114	34.1	25.0	37.6

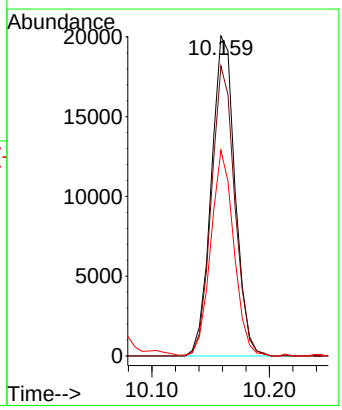


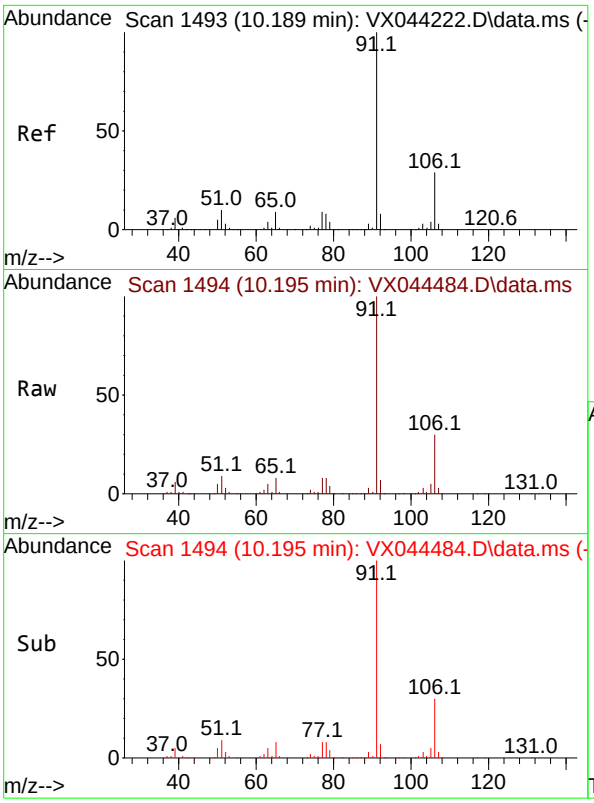


#66
1,1,1,2-Tetrachloroethane
Concen: 20.684 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:131 Resp: 28171

Ion	Ratio	Lower	Upper
131	100		
133	89.6	47.3	141.8
119	62.3	31.6	95.0



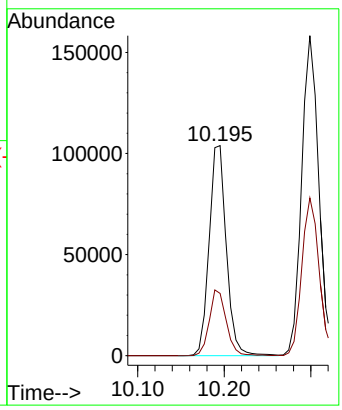


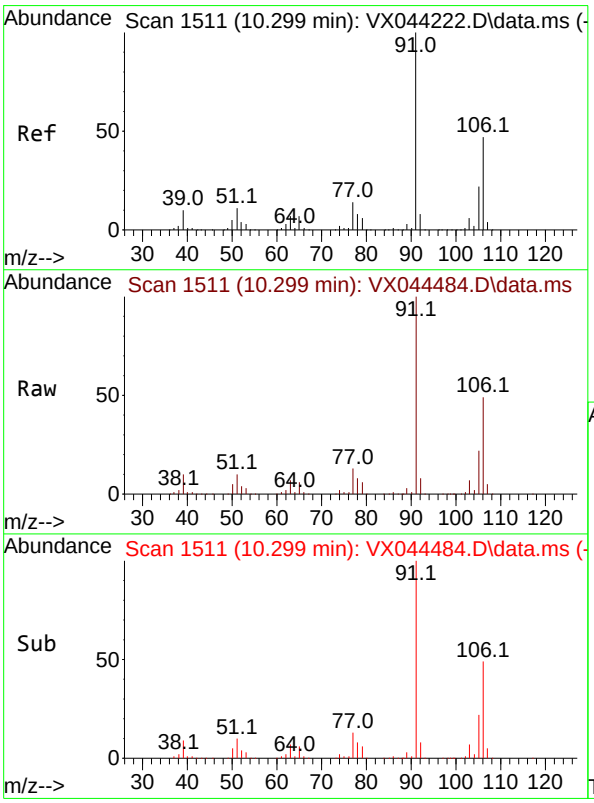
#67
Ethyl Benzene
Concen: 19.568 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion: 91 Resp: 143285

Ion	Ratio	Lower	Upper
91	100		
106	29.6	23.5	35.3

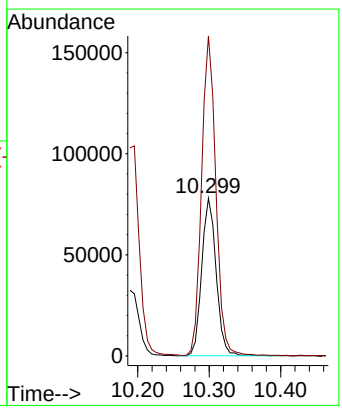


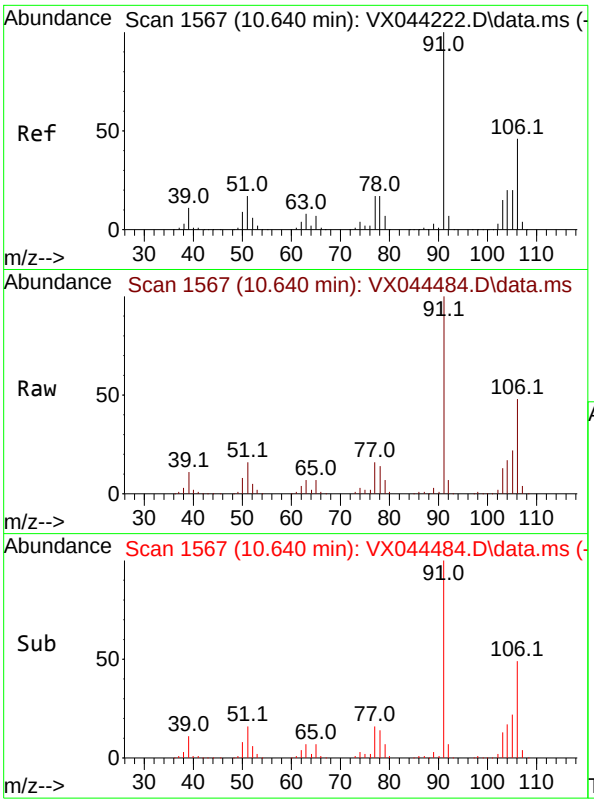


#68
m/p-Xylenes
Concen: 40.631 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:106 Resp: 109170

Ion	Ratio	Lower	Upper
106	100		
91	201.8	170.2	255.2



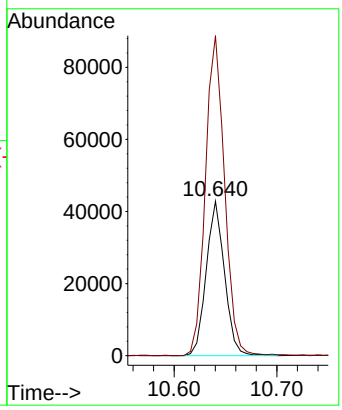


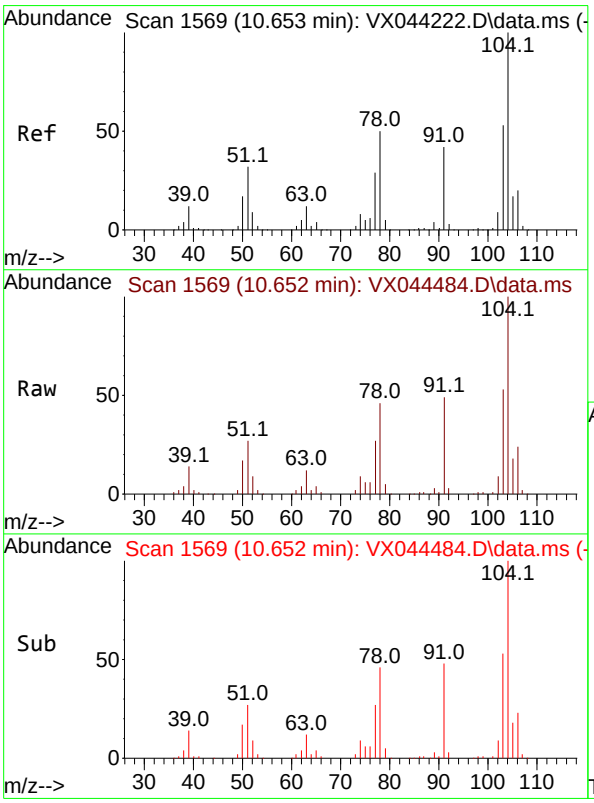
#69
o-Xylene
Concen: 19.517 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion:106 Resp: 53058

Ion	Ratio	Lower	Upper
106	100		
91	217.5	112.3	337.0

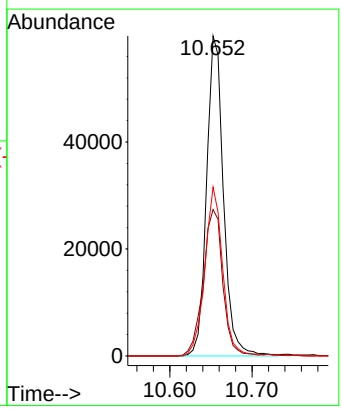


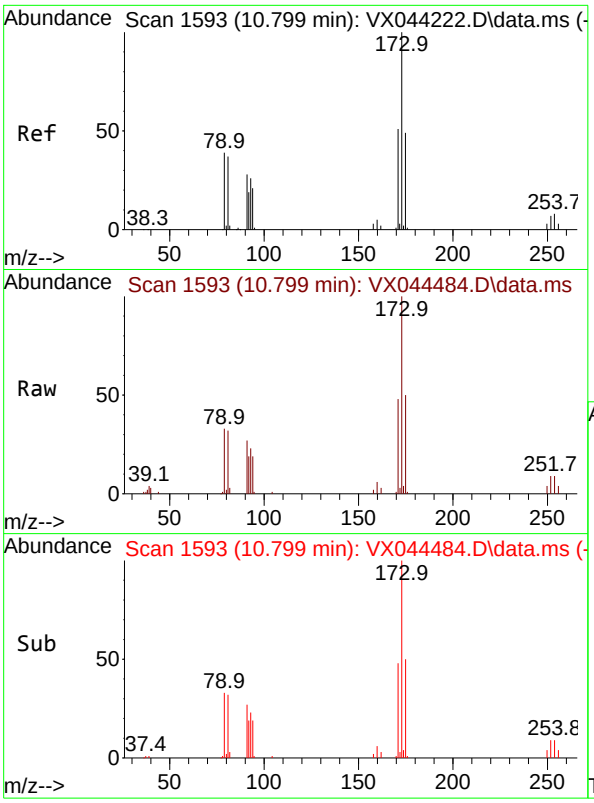


#70
Styrene
Concen: 19.580 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:104 Resp: 85331

Ion	Ratio	Lower	Upper
104	100		
78	52.9	44.6	67.0
103	56.1	45.4	68.0



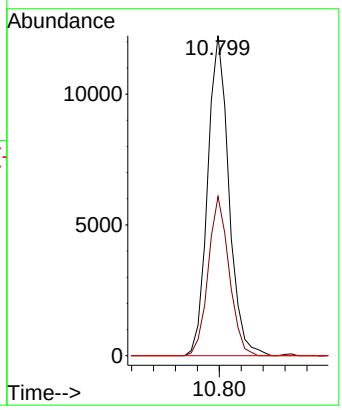


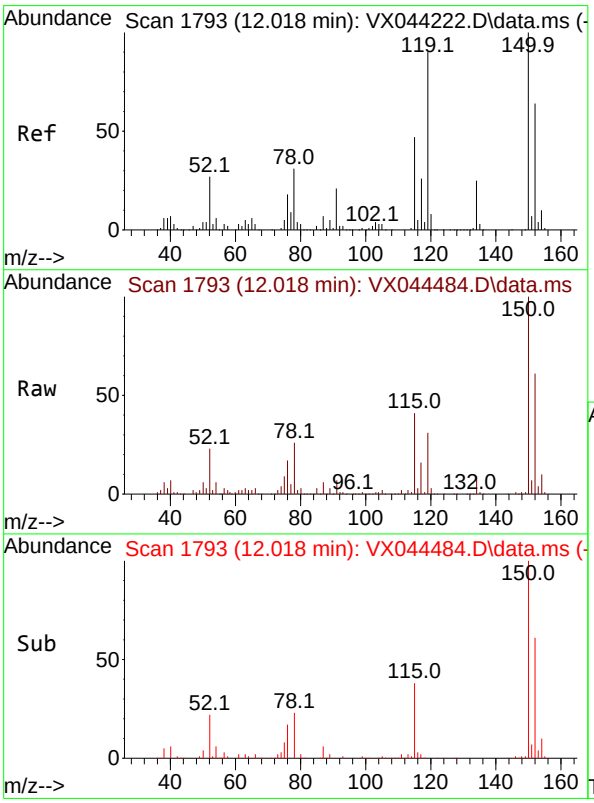
#71
Bromoform
Concen: 19.239 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion:173 Resp: 16410

Ion	Ratio	Lower	Upper
173	100		
175	49.0	23.8	71.4
254	0.0	0.0	0.0

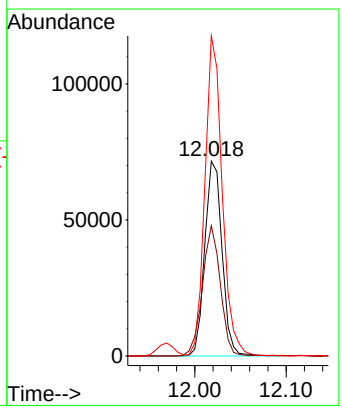


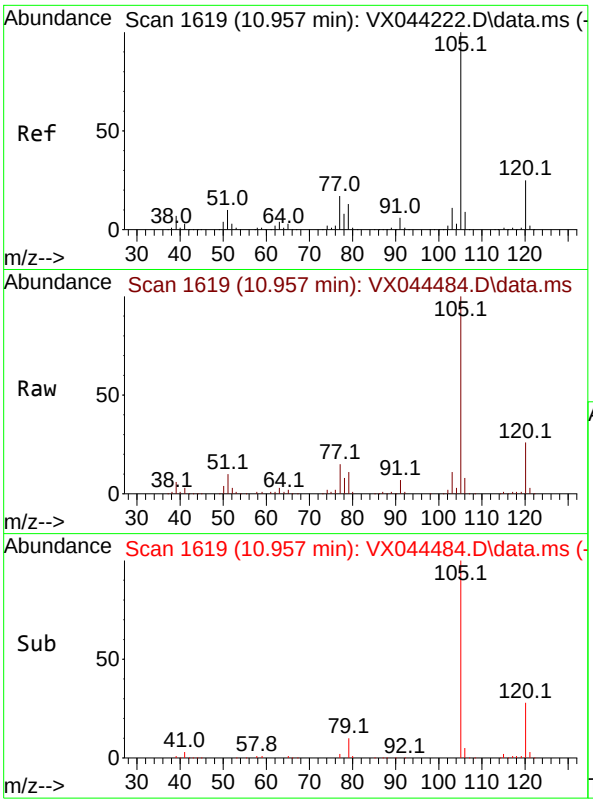


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:152 Resp: 93712

Ion	Ratio	Lower	Upper
152	100		
115	69.6	44.5	133.3
150	163.6	0.0	353.8



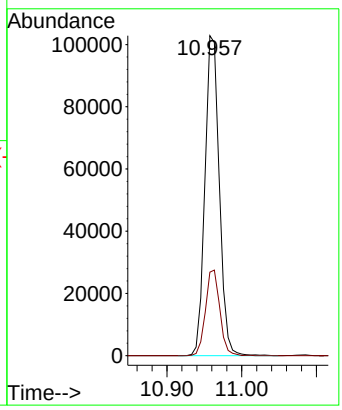


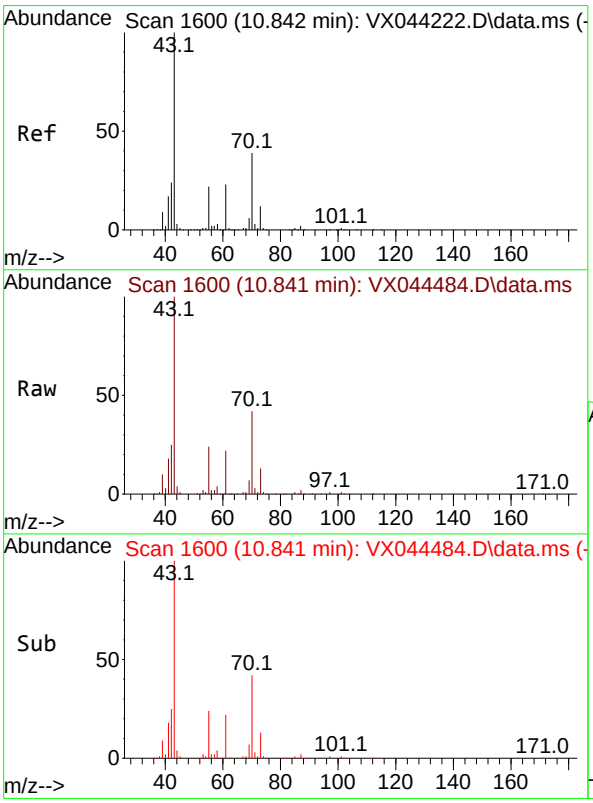
#73
Isopropylbenzene
Concen: 19.118 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion:105 Resp: 137153

Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.1	39.3

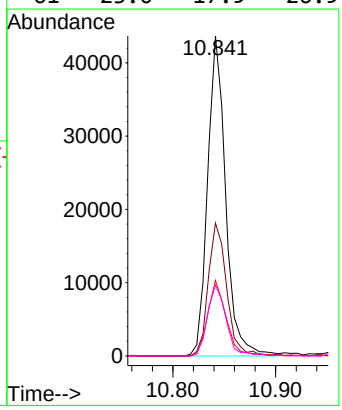


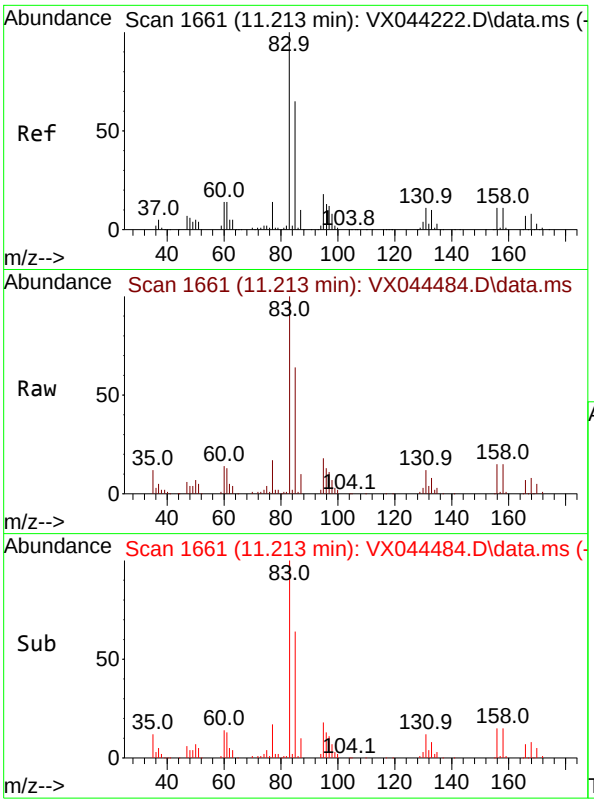


#74
N-amyl acetate
Concen: 16.102 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 43 Resp: 53387

Ion	Ratio	Lower	Upper
43	100		
70	42.7	31.9	47.9
55	24.4	17.9	26.9
61	23.0	17.9	26.9



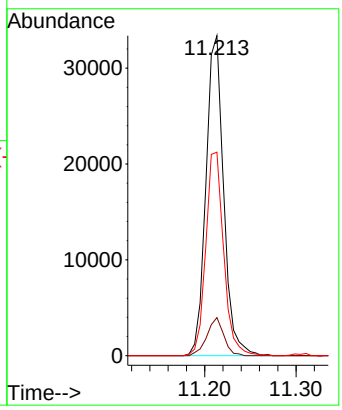


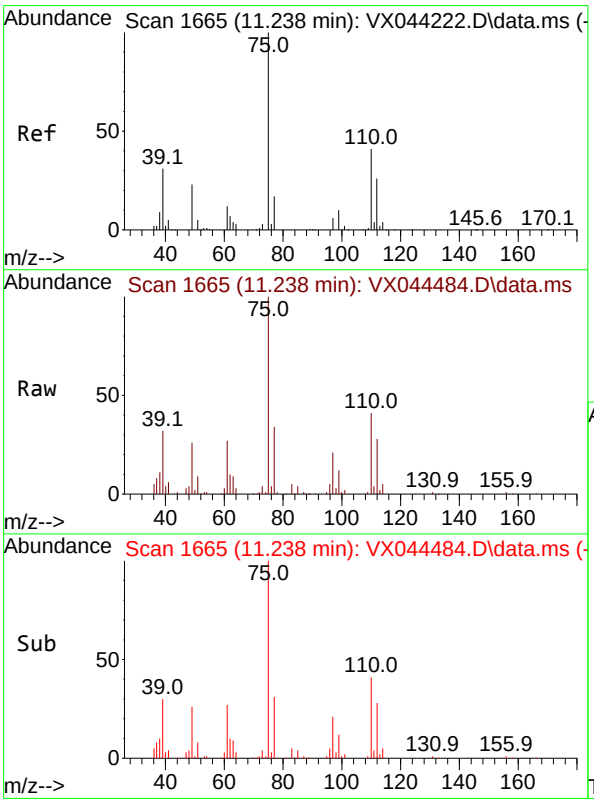
#75
1,1,2,2-Tetrachloroethane
Concen: 17.961 ug/l
RT: 11.213 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion: 83 Resp: 44755

Ion	Ratio	Lower	Upper
83	100		
131	11.3	5.1	15.4
85	64.5	32.5	97.4

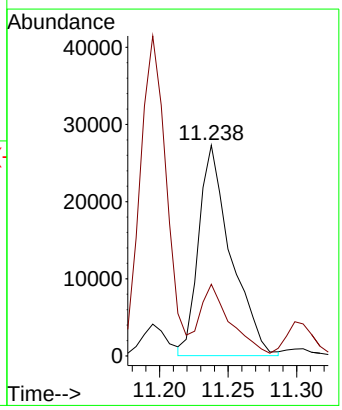


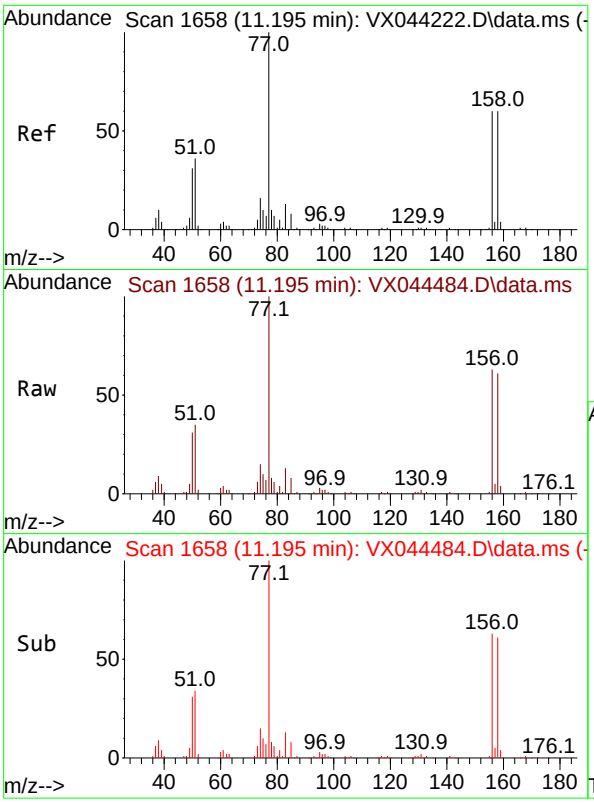


#76
1,2,3-Trichloropropane
Concen: 21.369 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 75 Resp: 44711

Ion	Ratio	Lower	Upper
75	100		
77	32.5	20.9	62.7



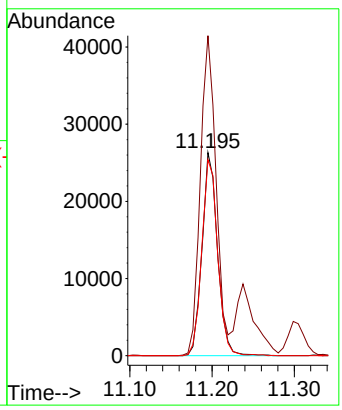


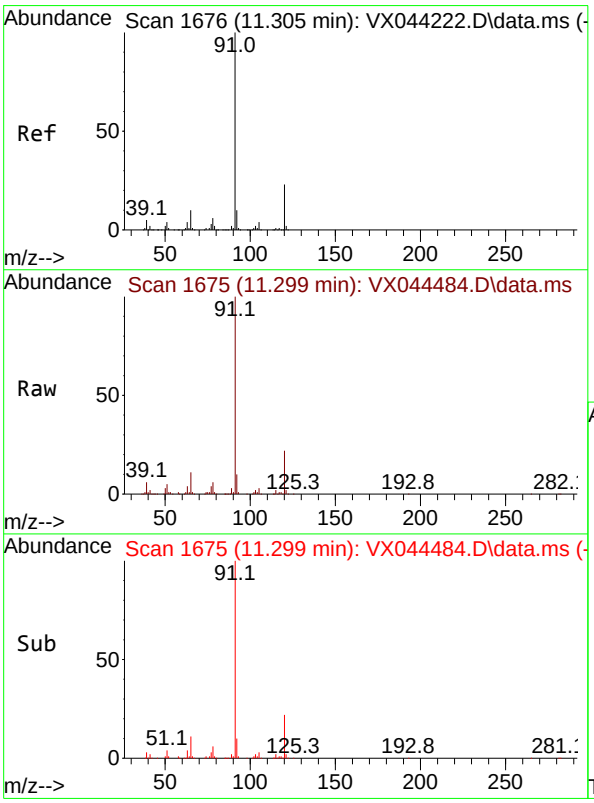
#77
Bromobenzene
Concen: 19.814 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion:156 Resp: 34470

Ion	Ratio	Lower	Upper
156	100		
77	160.0	82.6	247.8
158	98.8	48.8	146.4

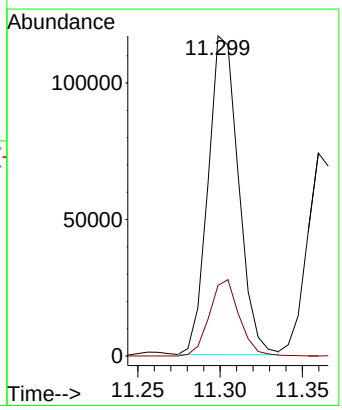


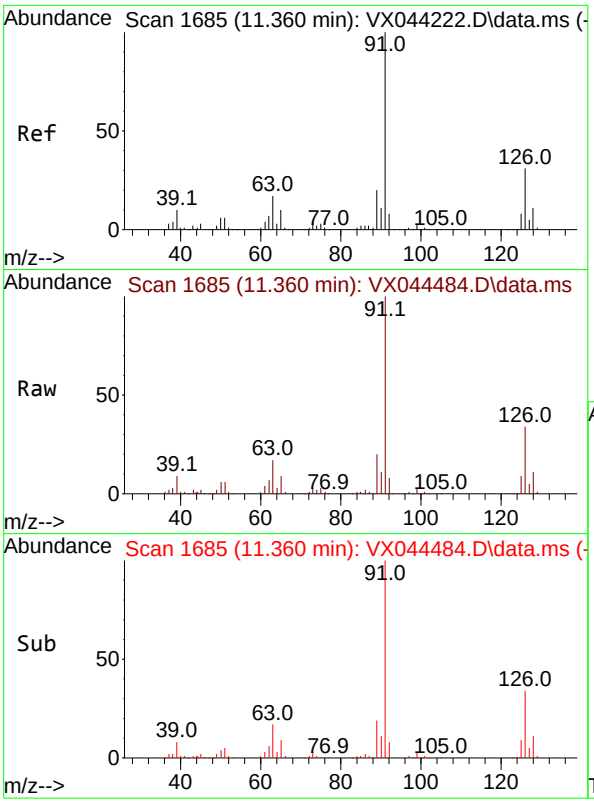


#78
n-propylbenzene
Concen: 18.943 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 91 Resp: 150204

Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.0	33.0



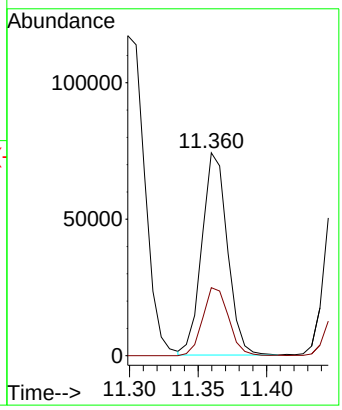


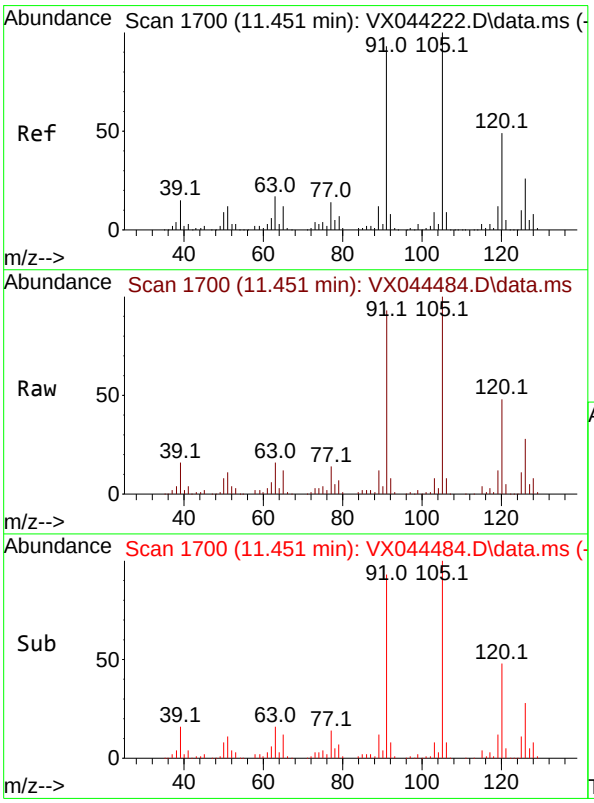
#79
2-Chlorotoluene
Concen: 18.721 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion: 91 Resp: 96001

Ion	Ratio	Lower	Upper
91	100		
126	34.2	16.4	49.1

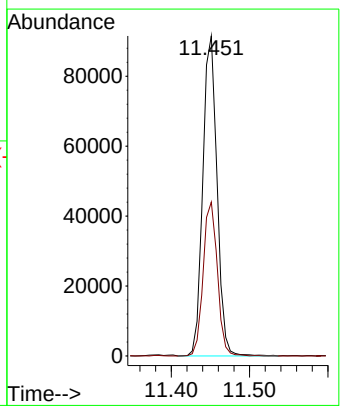


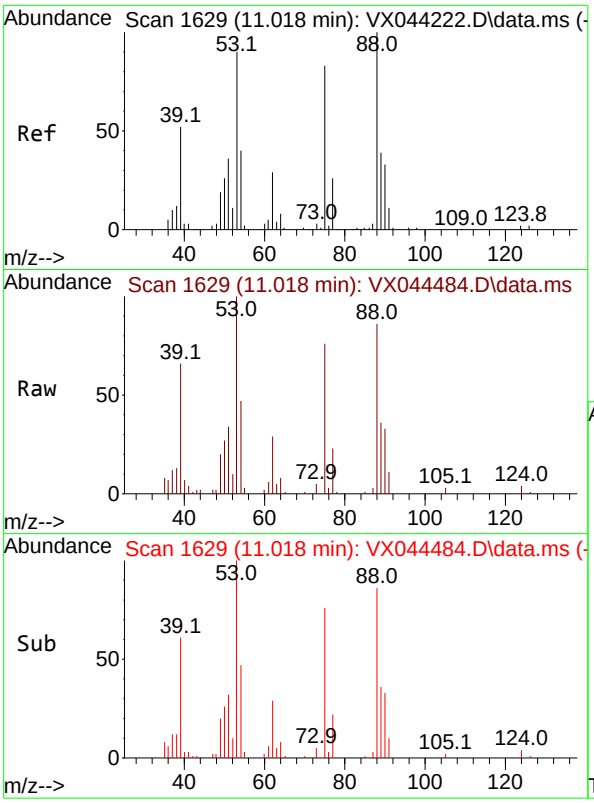


#80
1,3,5-Trimethylbenzene
Concen: 19.402 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:105 Resp: 115427

Ion	Ratio	Lower	Upper
105	100		
120	48.0	23.8	71.4



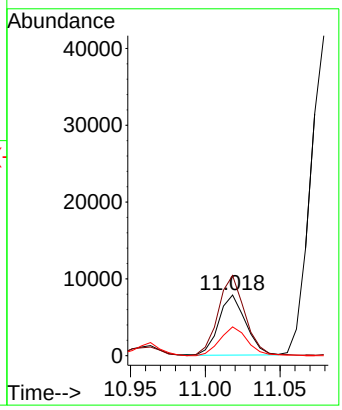


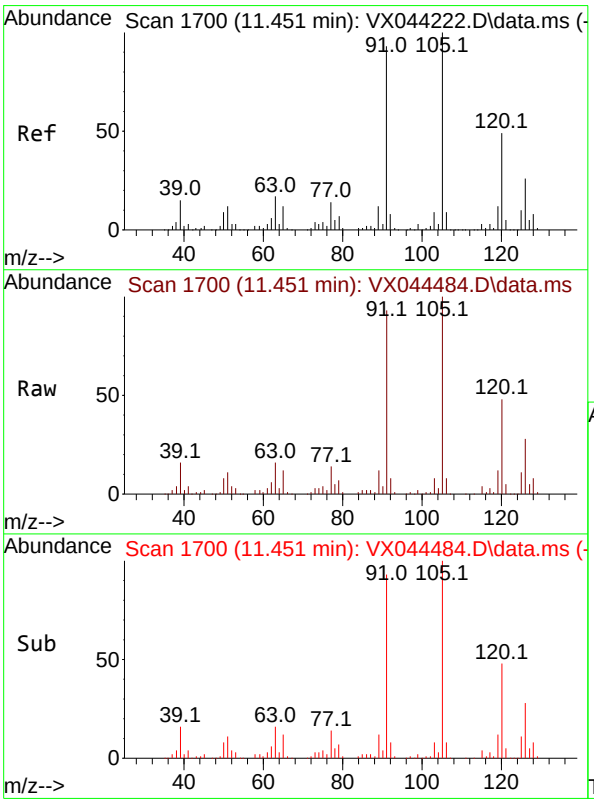
#81
trans-1,4-Dichloro-2-butene
Concen: 17.567 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion: 75 Resp: 9853

Ion	Ratio	Lower	Upper
75	100		
53	133.0	93.6	140.4
89	49.2	37.3	55.9

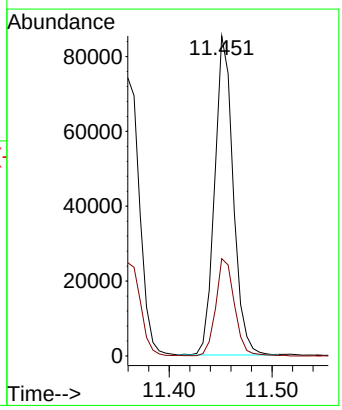


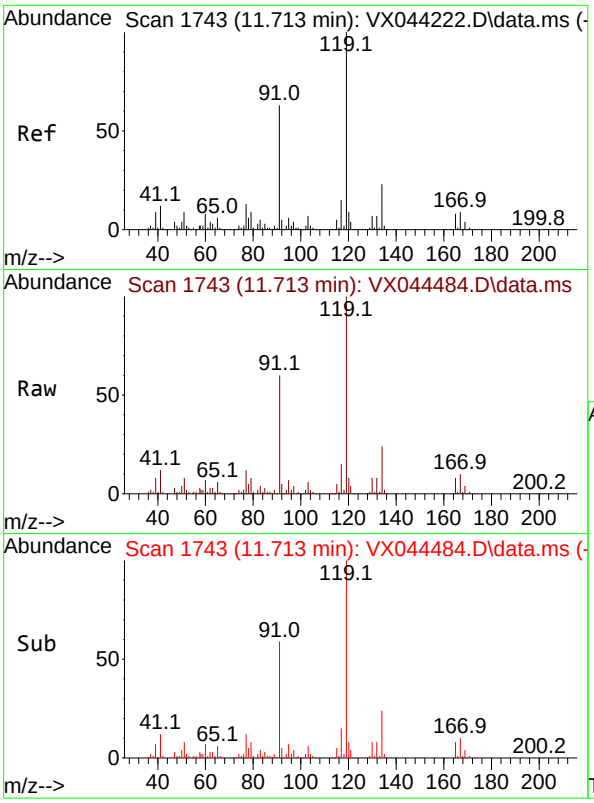


#82
4-Chlorotoluene
Concen: 18.769 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 91 Resp: 106582

Ion	Ratio	Lower	Upper
91	100		
126	30.9	14.5	43.5



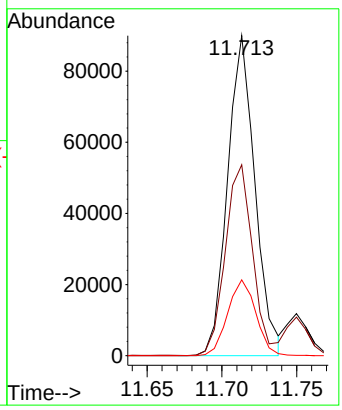


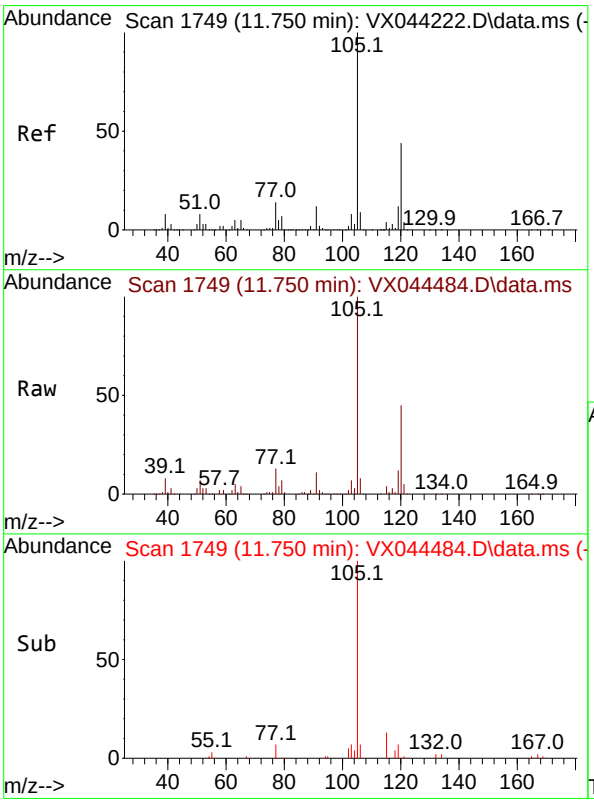
#83
tert-Butylbenzene
Concen: 19.509 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion:119 Resp: 114705

Ion	Ratio	Lower	Upper
119	100		
91	59.8	30.9	92.5
134	24.4	11.5	34.4

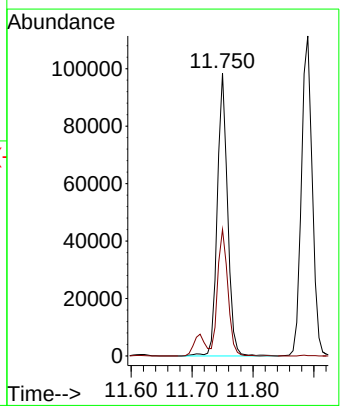


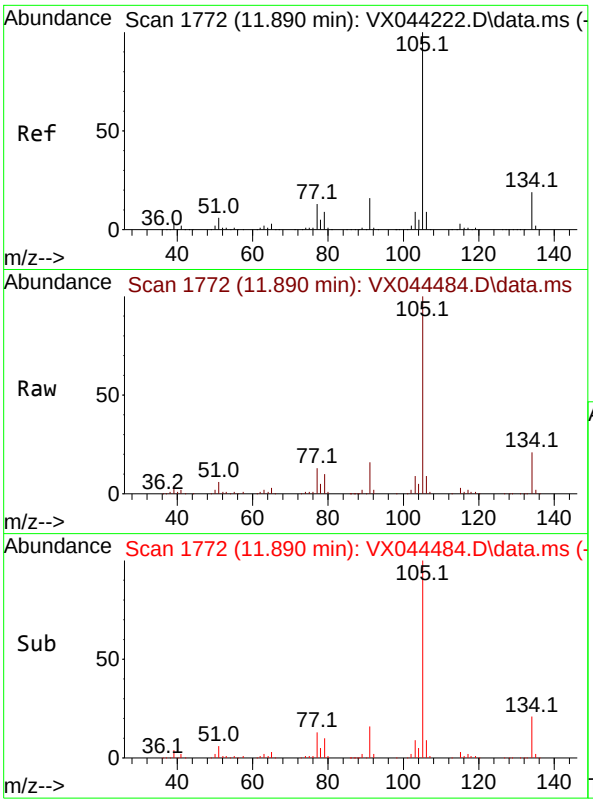


#84
1,2,4-Trimethylbenzene
Concen: 19.684 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:105 Resp: 115005

Ion	Ratio	Lower	Upper
105	100		
120	44.4	21.7	65.1



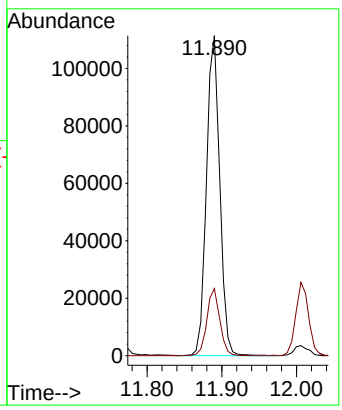


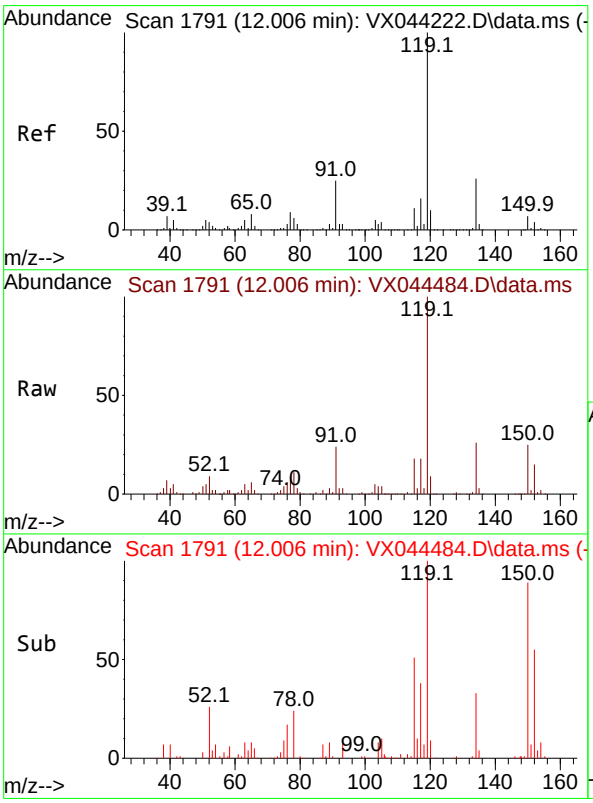
#85
sec-Butylbenzene
Concen: 19.303 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion:105 Resp: 137779

Ion	Ratio	Lower	Upper
105	100		
134	20.4	9.8	29.4

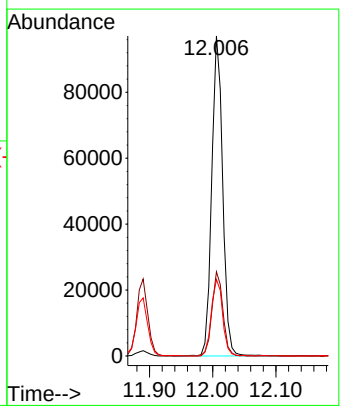


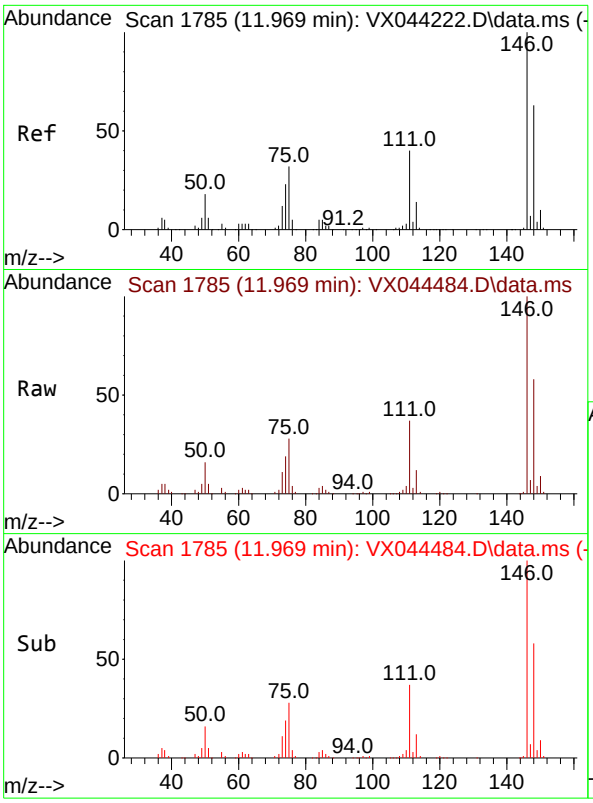


#86
p-Isopropyltoluene
Concen: 19.696 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:119 Resp: 117010

Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.8	38.4
91	24.7	13.0	39.0



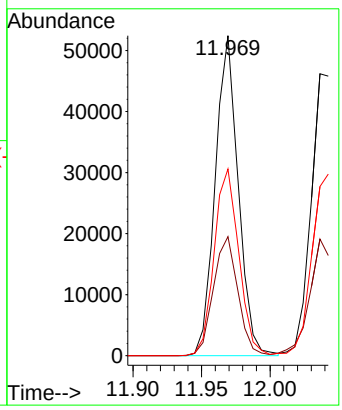


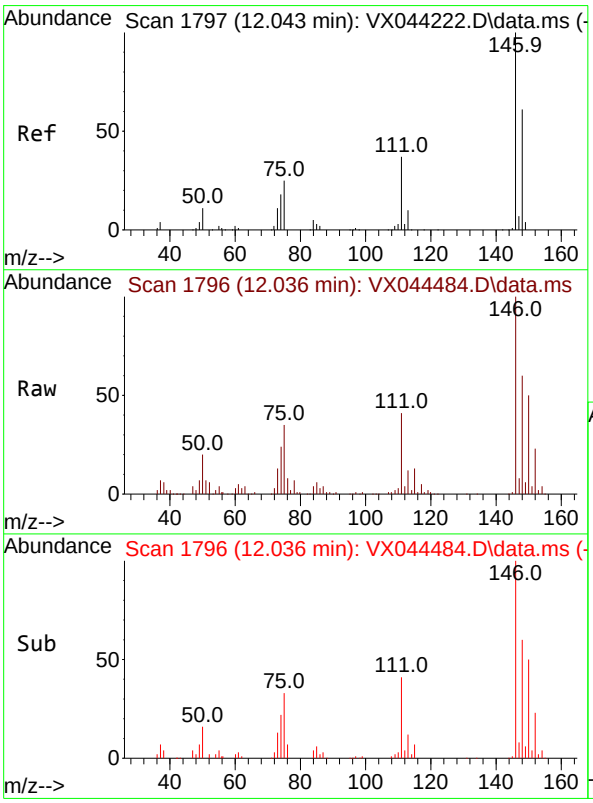
#87
1,3-Dichlorobenzene
Concen: 20.152 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion:146 Resp: 61238

Ion	Ratio	Lower	Upper
146	100		
111	39.6	21.4	64.2
148	62.4	31.7	95.1

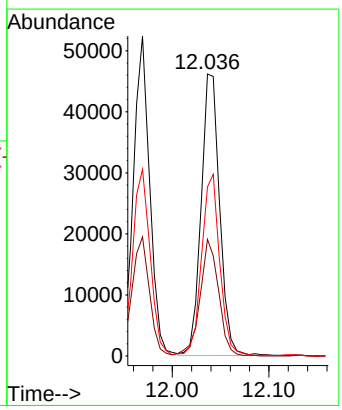


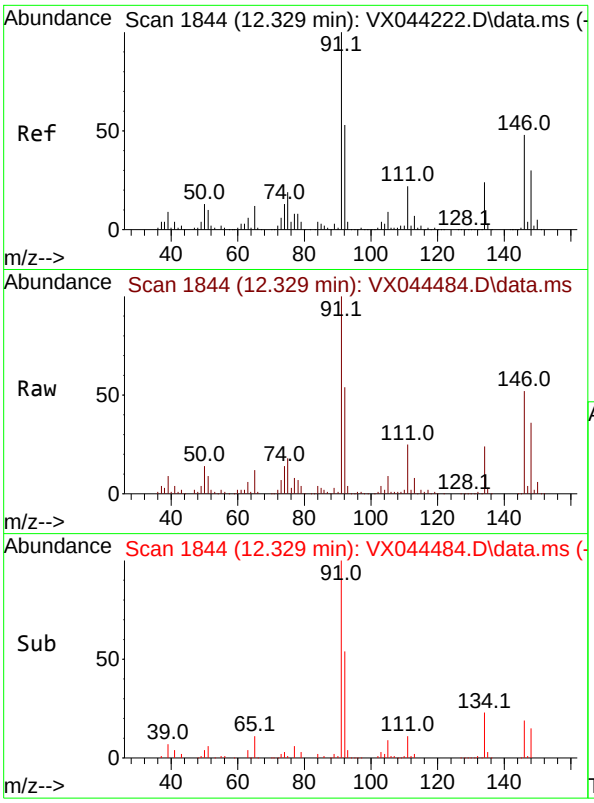


#88
1,4-Dichlorobenzene
Concen: 19.723 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:146 Resp: 61611

Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.0	63.0
148	63.4	32.3	96.8



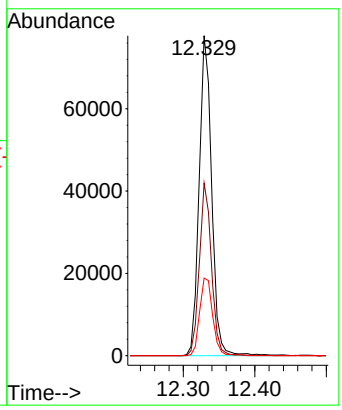


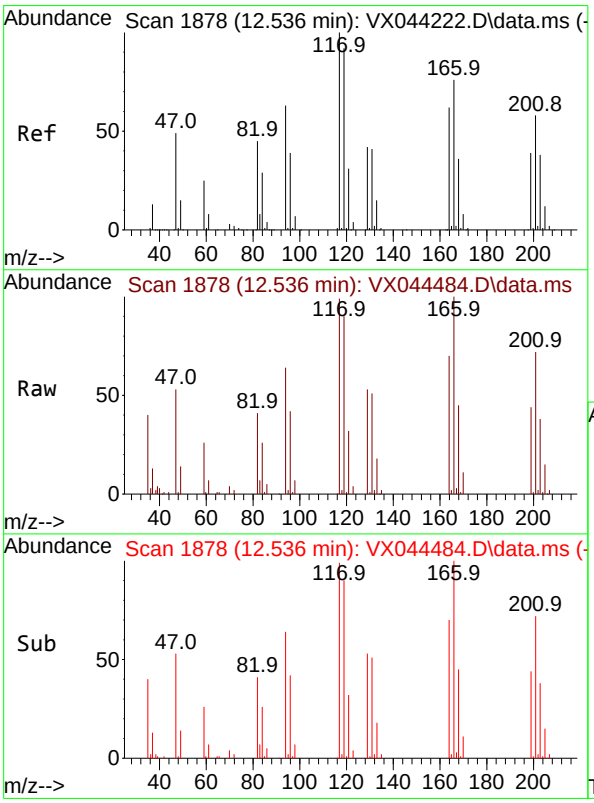
#89
n-Butylbenzene
Concen: 18.892 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion: 91 Resp: 94376

Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.6	79.7
134	25.2	12.6	37.8

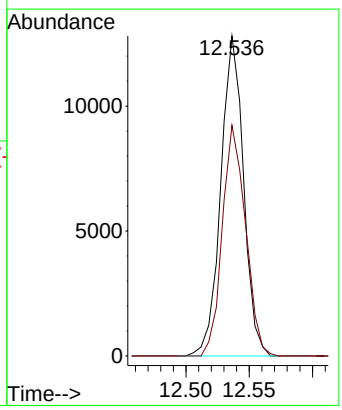


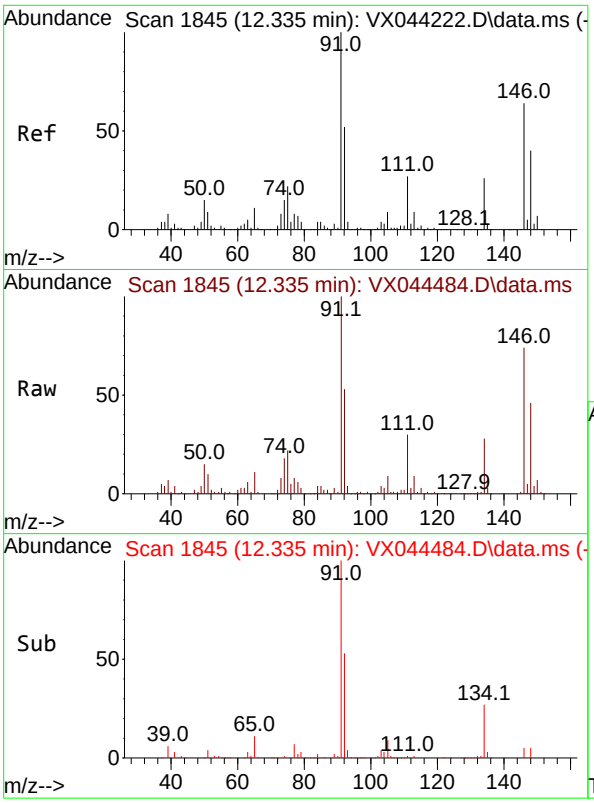


#90
Hexachloroethane
Concen: 18.440 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:117 Resp: 15991

Ion	Ratio	Lower	Upper
117	100		
201	73.5	31.4	94.2



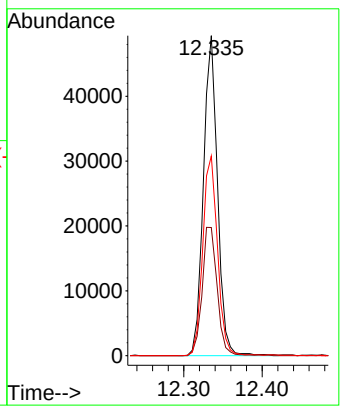


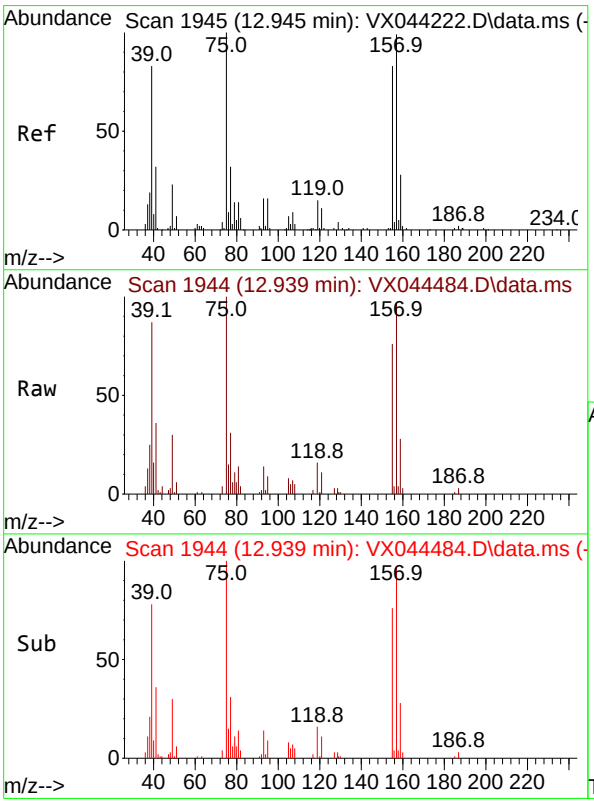
#91
1,2-Dichlorobenzene
Concen: 19.510 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion:146 Resp: 61558

Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.4	64.3
148	65.4	31.6	95.0

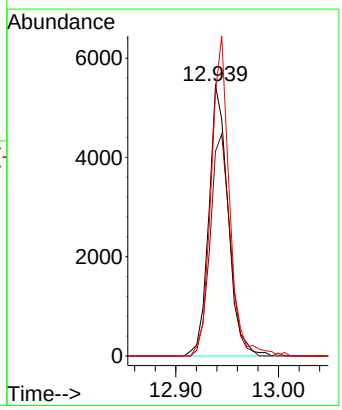


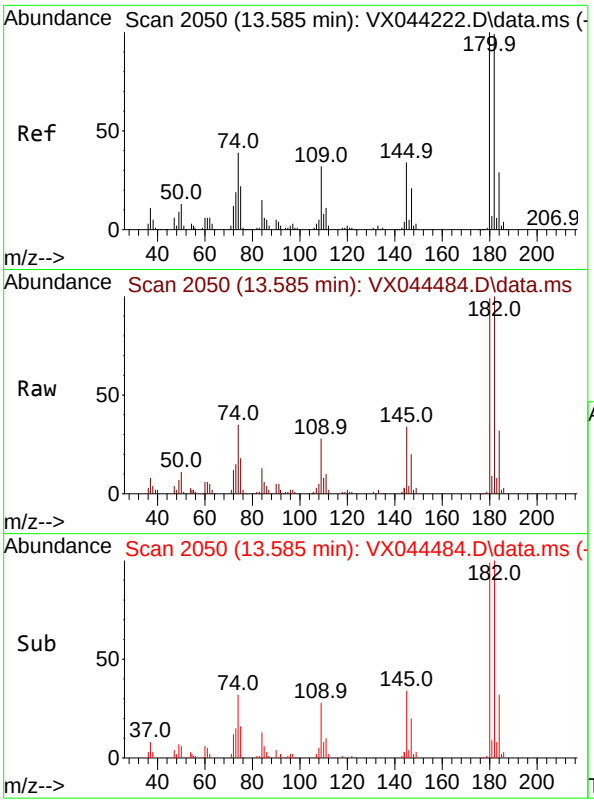


#92
1,2-Dibromo-3-Chloropropane
Concen: 14.697 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion: 75 Resp: 7109

Ion	Ratio	Lower	Upper
75	100		
155	84.7	38.1	114.3
157	111.6	47.2	141.6



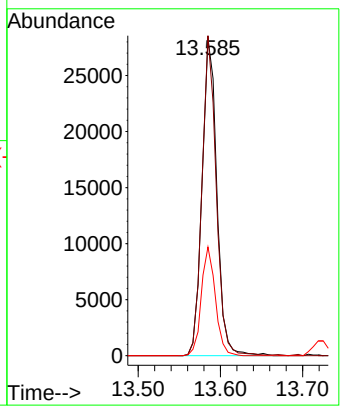


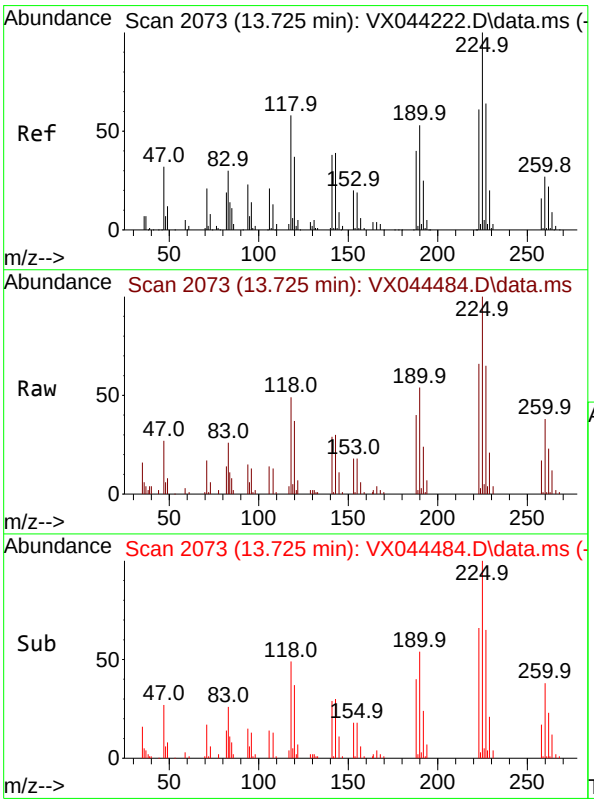
#93
1,2,4-Trichlorobenzene
Concen: 20.453 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion:180 Resp: 35380

Ion	Ratio	Lower	Upper
180	100		
182	96.9	48.0	144.2
145	32.5	16.6	49.7

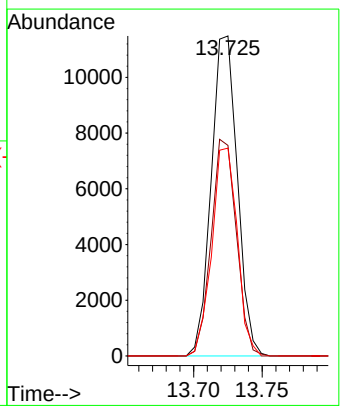


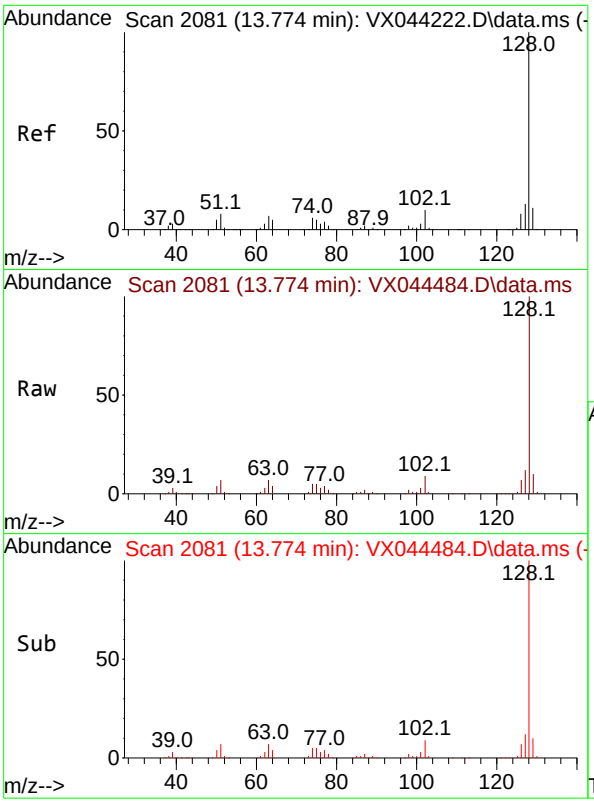


#94
Hexachlorobutadiene
Concen: 21.877 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:225 Resp: 15222

Ion	Ratio	Lower	Upper
225	100		
223	65.4	30.8	92.4
227	63.3	32.1	96.3



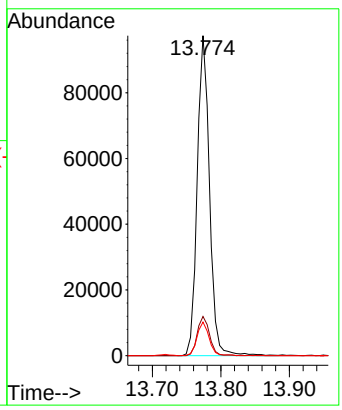


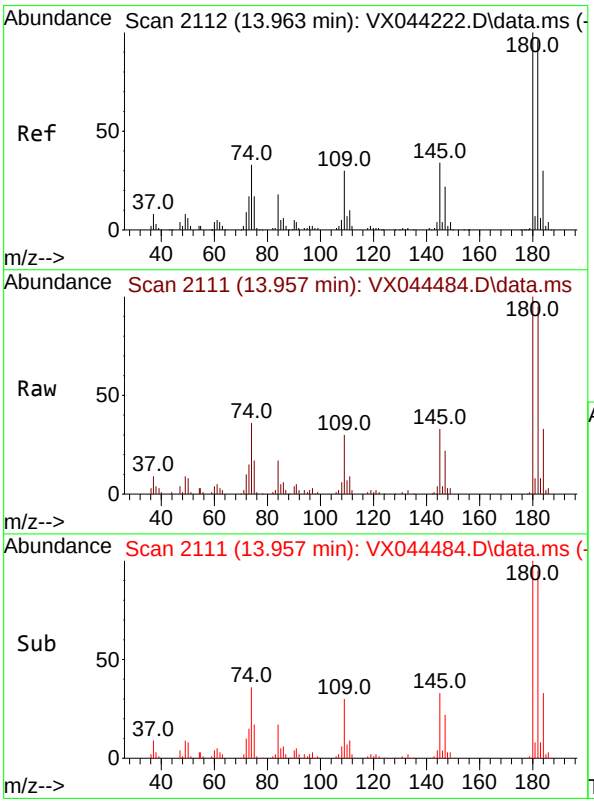
#95
Naphthalene
Concen: 18.005 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS03

Tgt Ion:128 Resp: 121575

Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.5	15.7
129	10.3	9.0	13.4

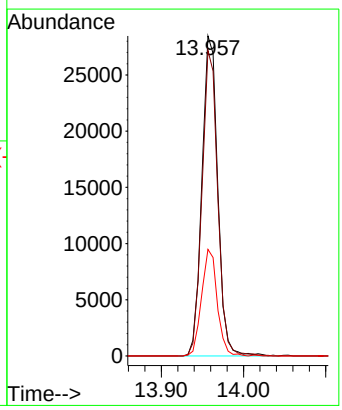




#96
1,2,3-Trichlorobenzene
Concen: 20.704 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX044484.D
Acq: 23 Dec 2024 16:46

Tgt Ion:180 Resp: 37987

Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.0	144.0
145	33.0	17.7	53.1



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044492.D
Acq On : 23 Dec 2024 19:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Dec 23 22:16:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	142062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	233398	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	200491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	97321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91340	36.671	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 73.340%#			
35) Dibromofluoromethane	5.379	113	73837	45.677	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.360%			
50) Toluene-d8	8.647	98	242389	44.446	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 88.900%			
62) 4-Bromofluorobenzene	11.079	95	83671	43.908	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 87.820%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	99403	45.252	ug/l	99
3) Chloromethane	1.295	50	96315	45.851	ug/l	100
4) Vinyl Chloride	1.374	62	97827	44.703	ug/l	100
5) Bromomethane	1.593	94	66434	42.791	ug/l	98
6) Chloroethane	1.666	64	62749	46.048	ug/l	99
7) Trichlorofluoromethane	1.874	101	151860	35.446	ug/l	98
8) Diethyl Ether	2.130	74	57535	39.343	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	78265	45.146	ug/l	92
10) Methyl Iodide	2.447	142	114488	50.107	ug/l	94
11) Tert butyl alcohol	2.996	59	70521	200.889	ug/l	98
12) 1,1-Dichloroethene	2.313	96	75484	47.404	ug/l	91
13) Acrolein	2.233	56	92120	181.285	ug/l	99
14) Allyl chloride	2.660	41	118303	44.605	ug/l	98
15) Acrylonitrile	3.063	53	200626	206.319	ug/l	99
16) Acetone	2.380	43	178267	175.552	ug/l	97
17) Carbon Disulfide	2.508	76	139644	46.135	ug/l	100
18) Methyl Acetate	2.703	43	104075	39.750	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	262040	42.170	ug/l	98
20) Methylene Chloride	2.782	84	88543	46.423	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	77251	45.648	ug/l	93
22) Diisopropyl ether	3.758	45	259272	43.412	ug/l	95
23) Vinyl Acetate	3.715	43	1084781	223.409	ug/l	98
24) 1,1-Dichloroethane	3.605	63	150456	45.194	ug/l	99
25) 2-Butanone	4.556	43	271591	188.131	ug/l	98
26) 2,2-Dichloropropane	4.471	77	119970	44.358	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	96440	44.871	ug/l	95
28) Bromochloromethane	4.892	49	64763	39.671	ug/l	94
29) Tetrahydrofuran	5.001	42	173821	187.586	ug/l	98
30) Chloroform	5.093	83	162393	43.416	ug/l	98
31) Cyclohexane	5.458	56	115044	42.794	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	140086	45.118	ug/l	99
36) 1,1-Dichloropropene	5.684	75	101604	48.625	ug/l	98
37) Ethyl Acetate	4.715	43	109126	42.249	ug/l	97
38) Carbon Tetrachloride	5.672	117	111385	49.513	ug/l	98
39) Methylcyclohexane	7.373	83	125247	50.139	ug/l	96
40) Benzene	6.032	78	325004	51.229	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044492.D
Acq On : 23 Dec 2024 19:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Dec 23 22:16:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	58306	42.511	ug/l		96
42) 1,2-Dichloroethane	6.080	62	124536	47.653	ug/l		98
43) Isopropyl Acetate	6.336	43	177770	44.034	ug/l		97
44) Trichloroethene	7.117	130	82827	52.353	ug/l		98
45) 1,2-Dichloropropane	7.428	63	82109	50.659	ug/l		99
46) Dibromomethane	7.580	93	64127	50.998	ug/l		94
47) Bromodichloromethane	7.818	83	114072	52.527	ug/l		98
48) Methyl methacrylate	7.690	41	85907	43.837	ug/l		96
49) 1,4-Dioxane	7.665	88	31930	982.728	ug/l		92
51) 4-Methyl-2-Pentanone	8.574	43	556283	214.305	ug/l		98
52) Toluene	8.714	92	201289	50.524	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	109547	47.186	ug/l		97
54) cis-1,3-Dichloropropene	8.360	75	123531	52.242	ug/l		99
55) 1,1,2-Trichloroethane	9.147	97	80941	51.140	ug/l		98
56) Ethyl methacrylate	9.116	69	118479	47.418	ug/l		97
57) 1,3-Dichloropropane	9.305	76	134913	48.972	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	263448	209.048	ug/l		98
59) 2-Hexanone	9.427	43	403537	214.776	ug/l		99
60) Dibromochloromethane	9.519	129	81910	48.943	ug/l		99
61) 1,2-Dibromoethane	9.604	107	83250	51.675	ug/l		96
64) Tetrachloroethene	9.269	164	72600	54.558	ug/l		96
65) Chlorobenzene	10.080	112	221119	51.470	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	75407	54.615	ug/l		99
67) Ethyl Benzene	10.189	91	376573	50.731	ug/l		99
68) m/p-Xylenes	10.299	106	286106	105.040	ug/l		94
69) o-Xylene	10.640	106	142004	51.527	ug/l		94
70) Styrene	10.653	104	236734	53.584	ug/l		95
71) Bromoform	10.799	173	49054	50.746	ug/l	#	99
73) Isopropylbenzene	10.958	105	362803	48.696	ug/l		100
74) N-amyl acetate	10.842	43	152291	44.229	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	118300	45.716	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	122464	56.359	ug/l		84
77) Bromobenzene	11.195	156	91156	50.455	ug/l		94
78) n-propylbenzene	11.299	91	412127	50.048	ug/l		98
79) 2-Chlorotoluene	11.360	91	251412	47.209	ug/l		98
80) 1,3,5-Trimethylbenzene	11.445	105	300384	48.618	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	30857	41.730	ug/l		95
82) 4-Chlorotoluene	11.451	91	283625	48.094	ug/l		97
83) tert-Butylbenzene	11.713	119	306541	50.203	ug/l		96
84) 1,2,4-Trimethylbenzene	11.750	105	305617	50.368	ug/l		98
85) sec-Butylbenzene	11.890	105	367512	49.579	ug/l		99
86) p-Isopropyltoluene	12.006	119	309480	50.162	ug/l		98
87) 1,3-Dichlorobenzene	11.963	146	162721	51.562	ug/l		98
88) 1,4-Dichlorobenzene	12.037	146	163225	50.314	ug/l		97
89) n-Butylbenzene	12.329	91	259880	50.094	ug/l		99
90) Hexachloroethane	12.536	117	46945	52.126	ug/l		91
91) 1,2-Dichlorobenzene	12.335	146	162236	49.511	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21028	41.860	ug/l		88
93) 1,2,4-Trichlorobenzene	13.585	180	97256	54.137	ug/l		99
94) Hexachlorobutadiene	13.719	225	40220	55.660	ug/l		99
95) Naphthalene	13.774	128	321843	45.897	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	99323	52.126	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044492.D
Acq On : 23 Dec 2024 19:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Dec 23 22:16:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

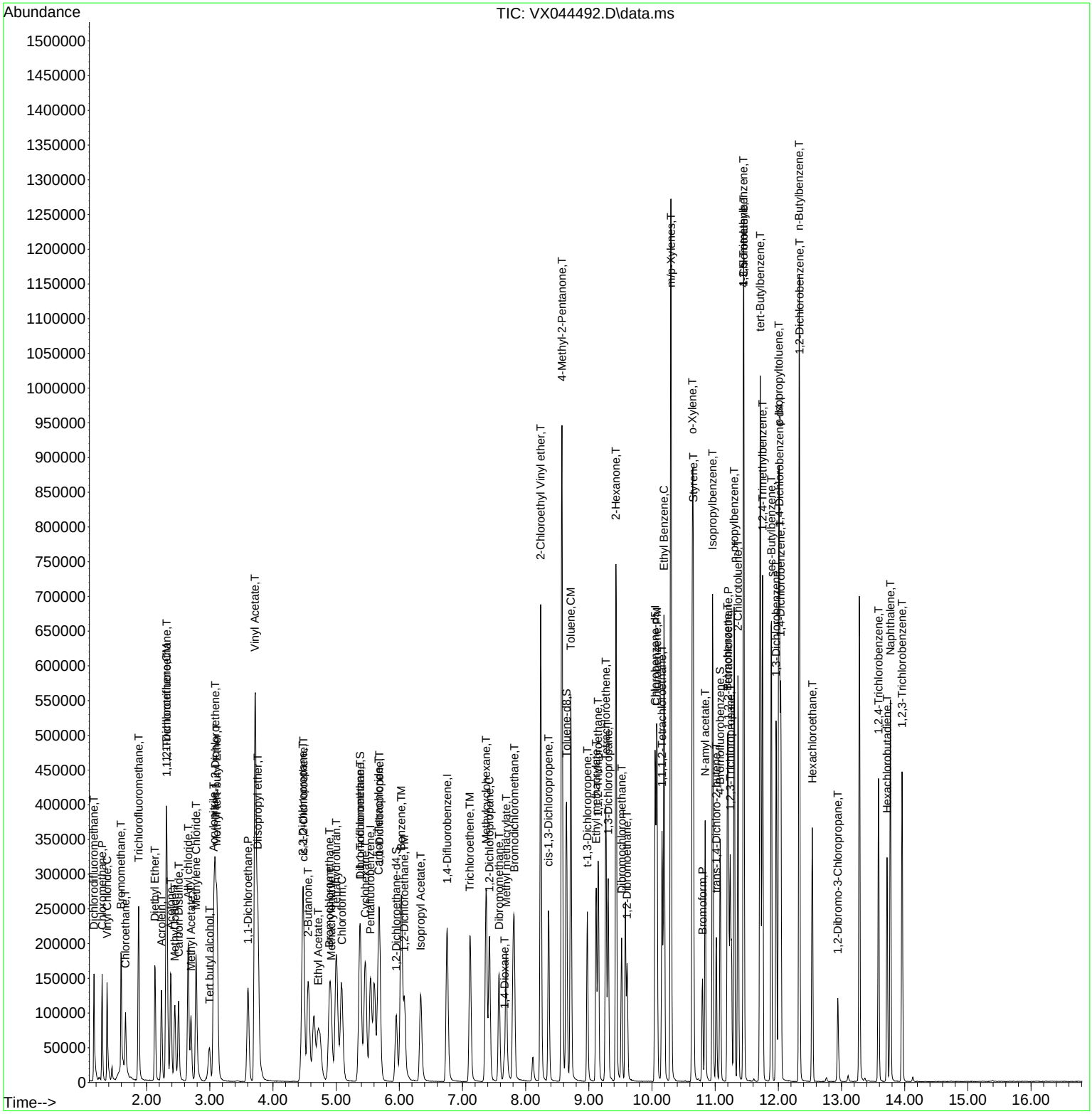
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

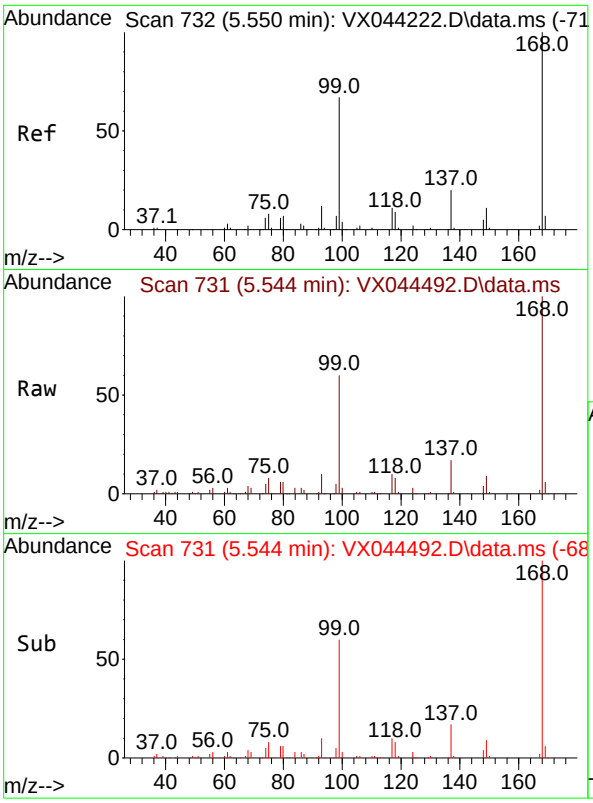
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044492.D
Acq On : 23 Dec 2024 19:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Dec 23 22:16:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



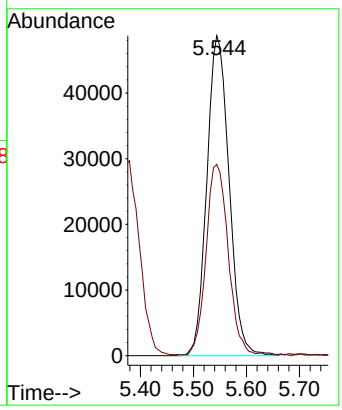


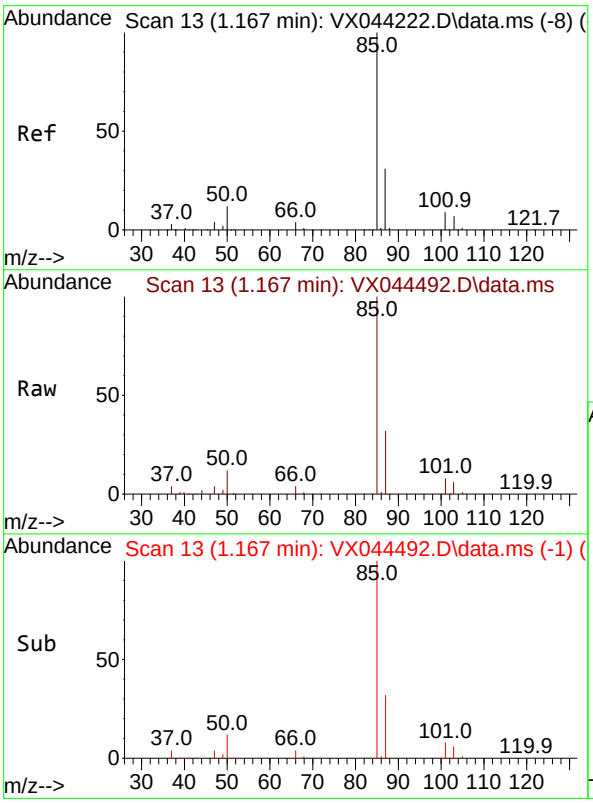
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 142062

Ion	Ratio	Lower	Upper
168	100		
99	59.6	53.4	80.0

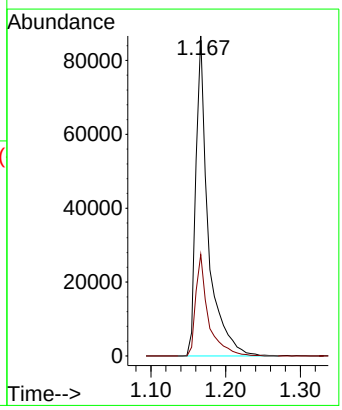


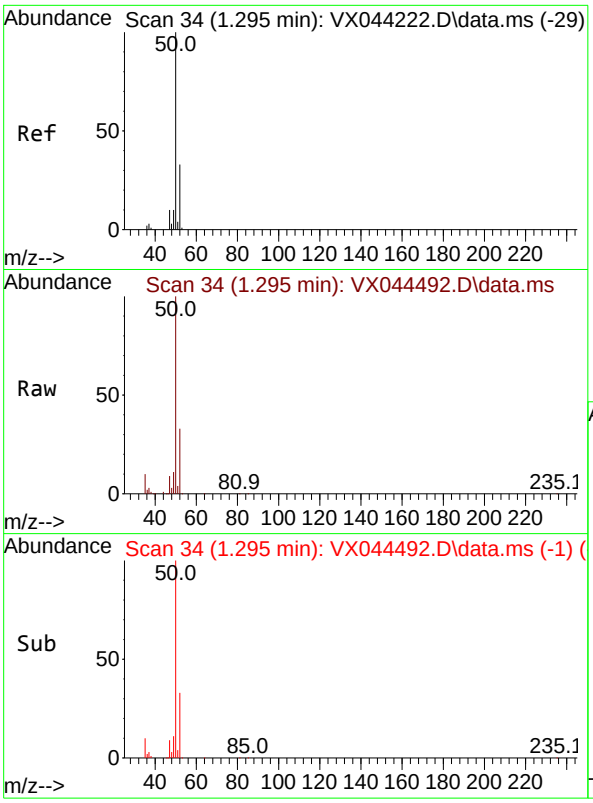


#2
Dichlorodifluoromethane
Concen: 45.252 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 85 Resp: 99403

Ion	Ratio	Lower	Upper
85	100		
87	31.7	15.4	46.4



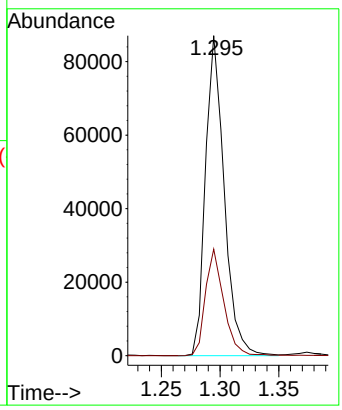


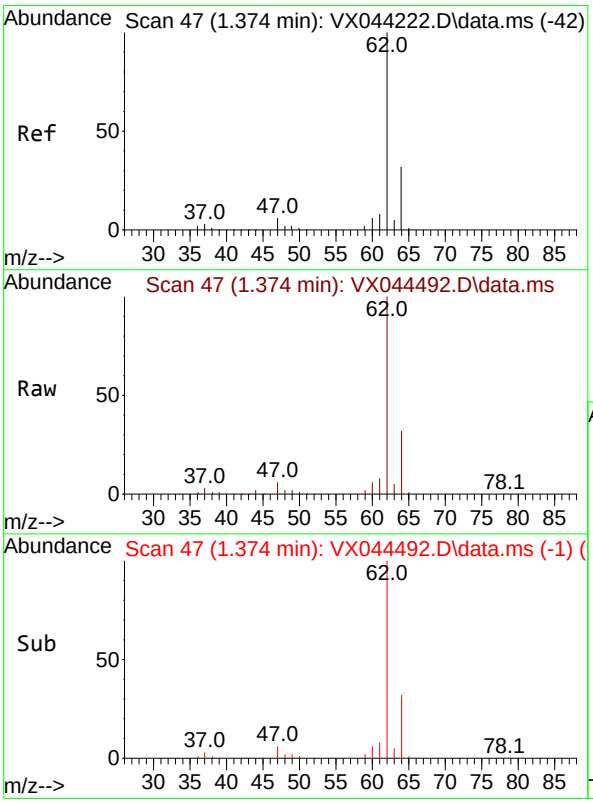
#3
Chloromethane
Concen: 45.851 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 96315

Ion	Ratio	Lower	Upper
50	100		
52	33.3	26.5	39.7

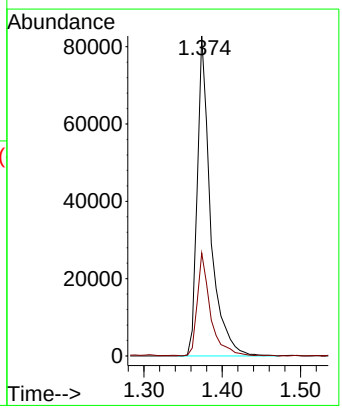


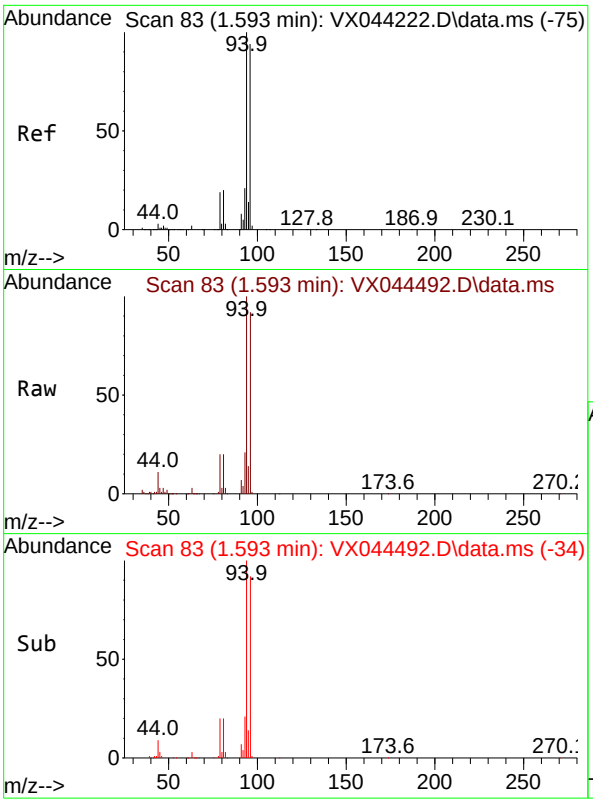


#4
Vinyl Chloride
Concen: 44.703 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 62 Resp: 97827

Ion	Ratio	Lower	Upper
62	100		
64	32.2	25.7	38.5



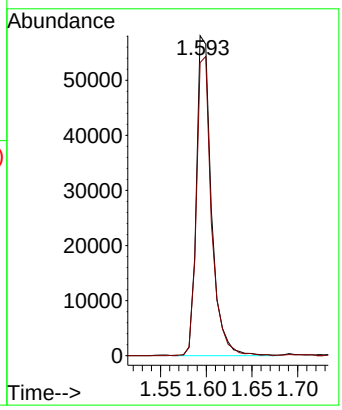


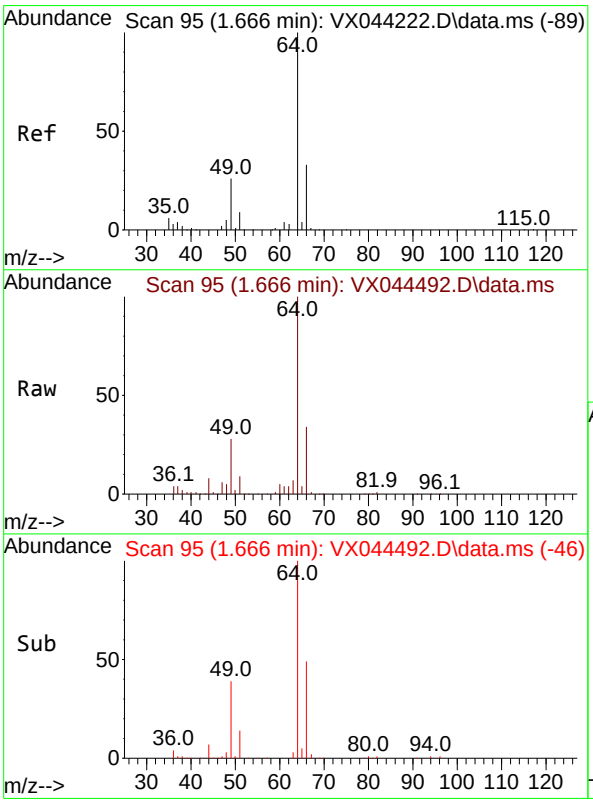
#5
Bromomethane
Concen: 42.791 ug/l
RT: 1.593 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 66434

Ion	Ratio	Lower	Upper
94	100		
96	91.4	74.9	112.3

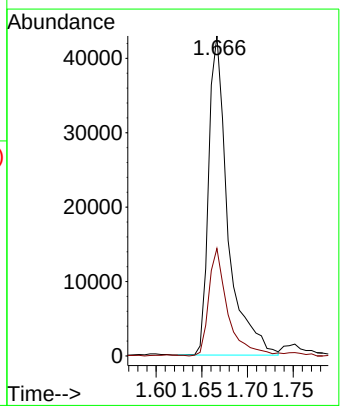


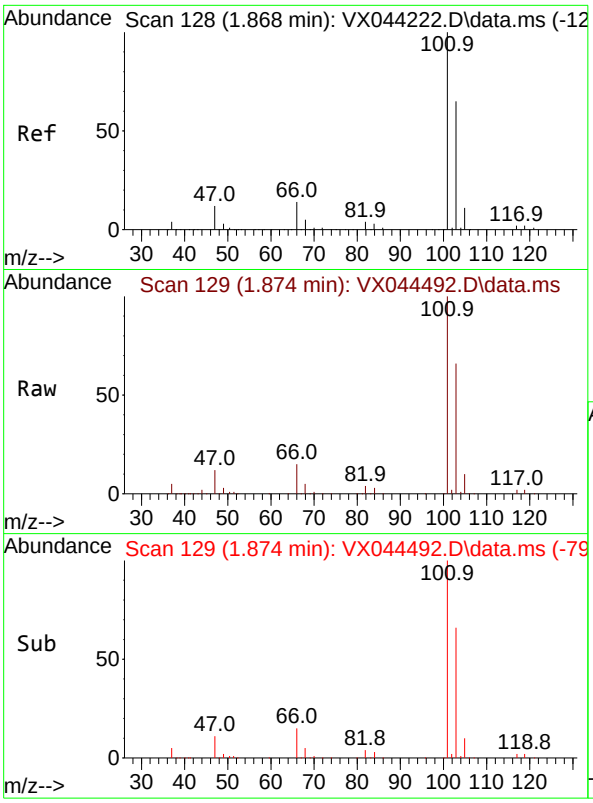


#6
Chloroethane
Concen: 46.048 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 64 Resp: 62749

Ion	Ratio	Lower	Upper
64	100		
66	33.5	26.6	39.8



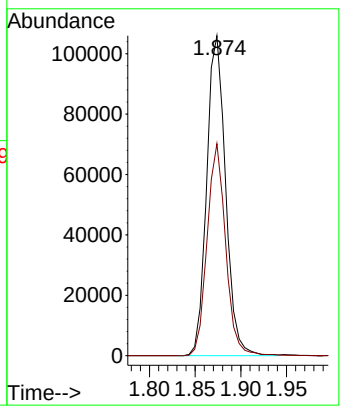


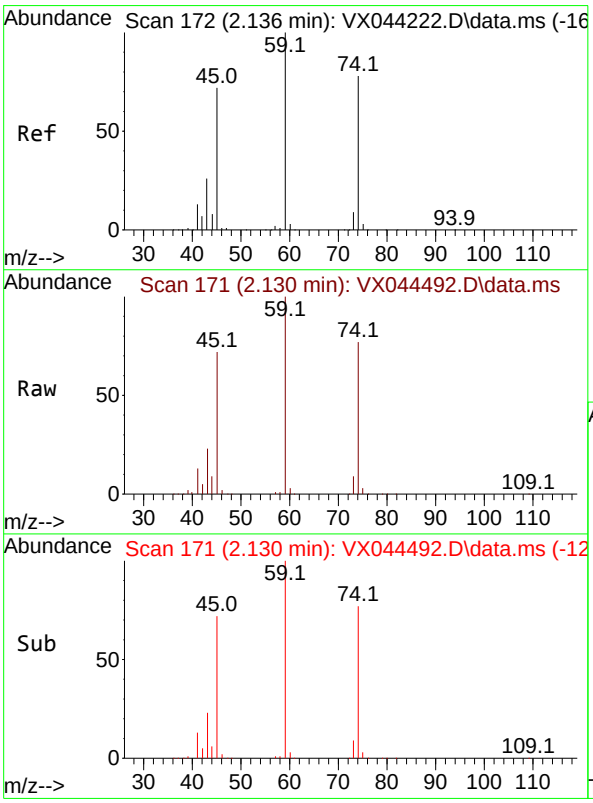
#7
Trichlorofluoromethane
Concen: 35.446 ug/l
RT: 1.874 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 151860

Ion	Ratio	Lower	Upper
101	100		
103	66.2	51.8	77.8

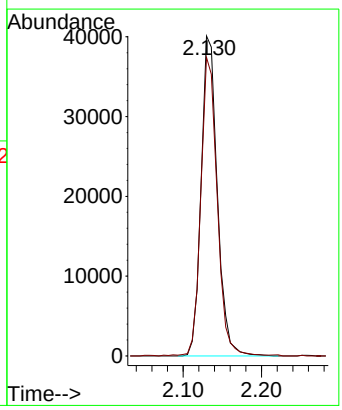


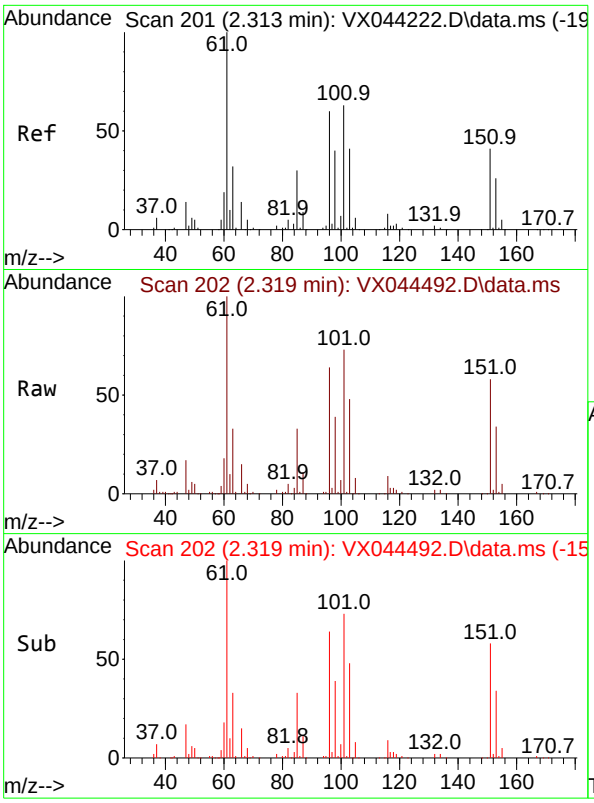


#8
Diethyl Ether
Concen: 39.343 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 74 Resp: 57535

Ion	Ratio	Lower	Upper
74	100		
45	94.4	48.4	145.0



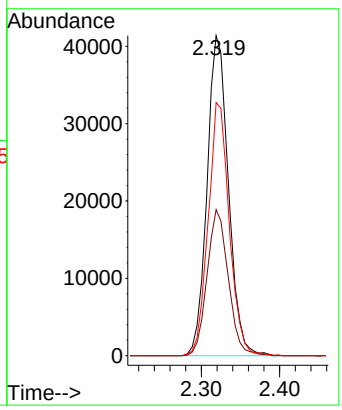


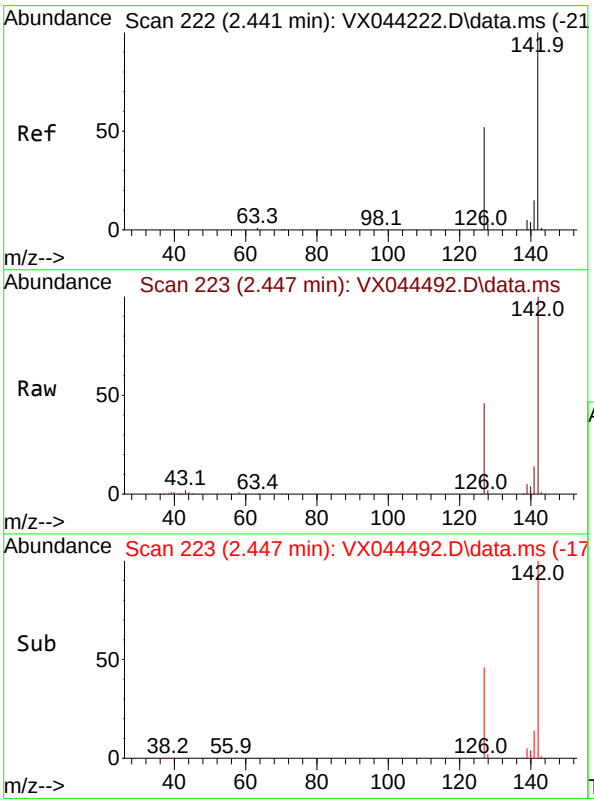
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.146 ug/l
RT: 2.319 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 78265

Ion	Ratio	Lower	Upper
101	100		
85	45.3	38.5	57.7
151	78.3	55.8	83.6

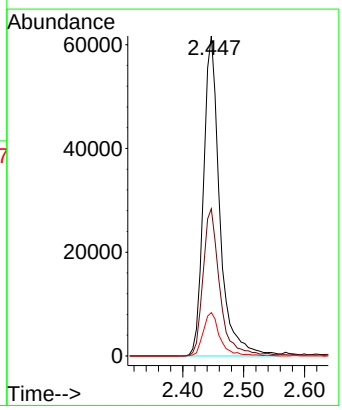


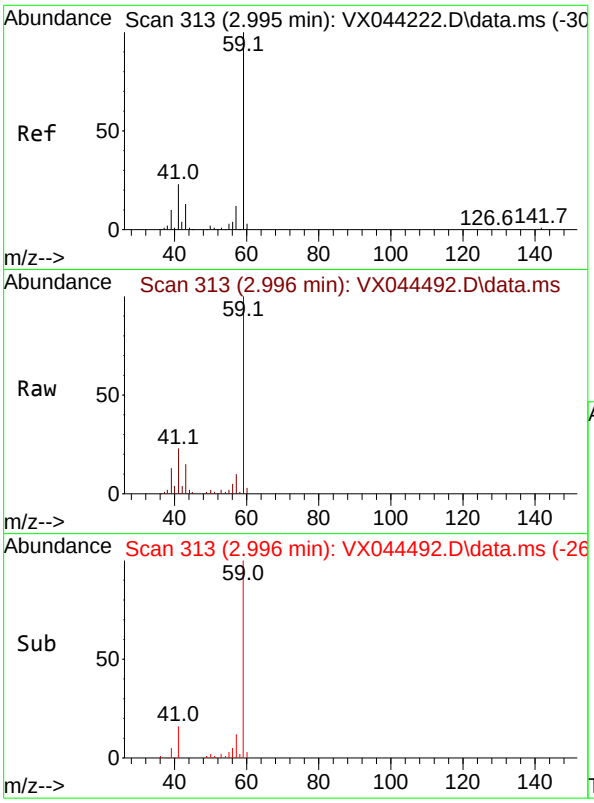


#10
Methyl Iodide
Concen: 50.107 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:142 Resp: 114488

Ion	Ratio	Lower	Upper
142	100		
127	47.2	41.8	62.8
141	14.1	11.5	17.3



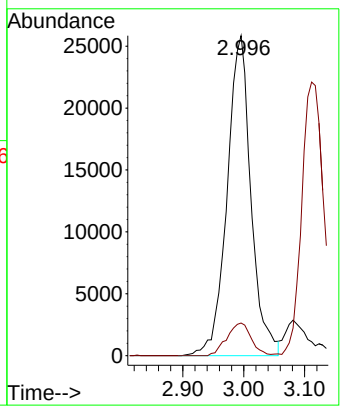


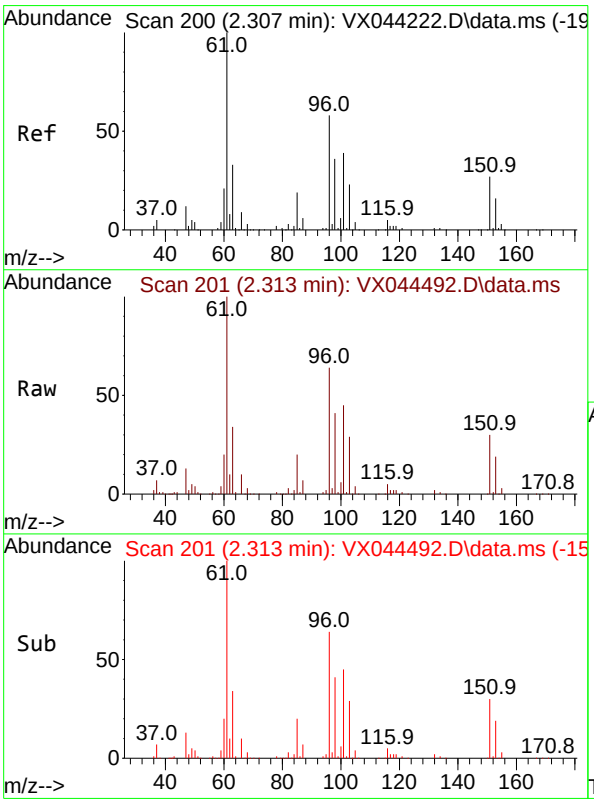
#11
Tert butyl alcohol
Concen: 200.889 ug/l
RT: 2.996 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 70521

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.8	13.2

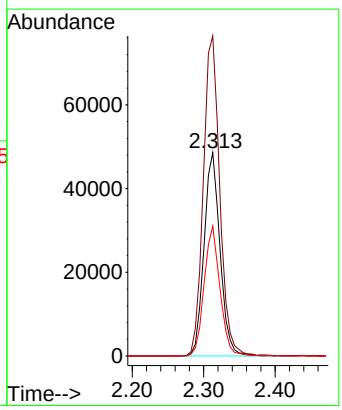


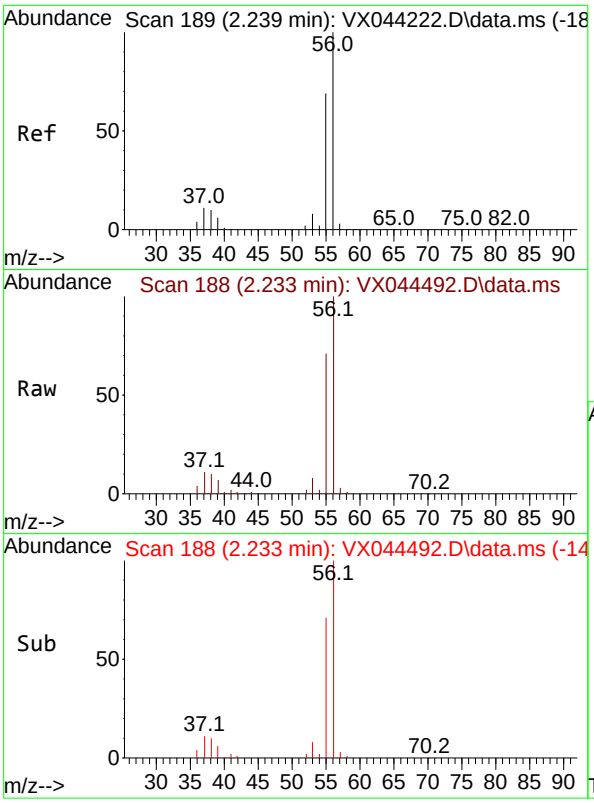


#12
1,1-Dichloroethene
Concen: 47.404 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 96 Resp: 75484

Ion	Ratio	Lower	Upper
96	100		
61	157.4	138.0	207.0
98	63.9	50.0	75.0



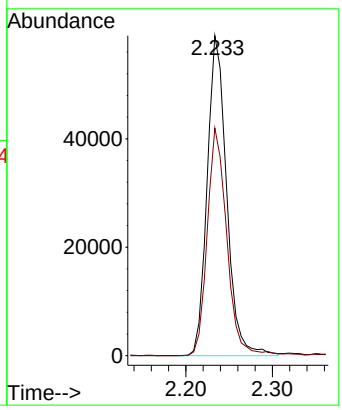


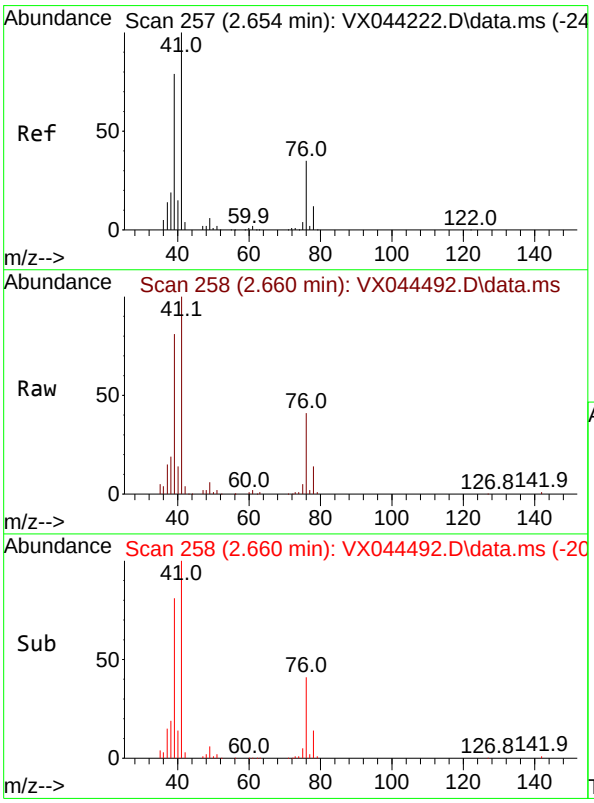
#13
Acrolein
Concen: 181.285 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 92120

Ion	Ratio	Lower	Upper
56	100		
55	71.8	56.6	84.8

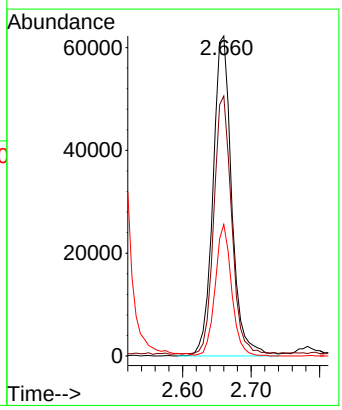


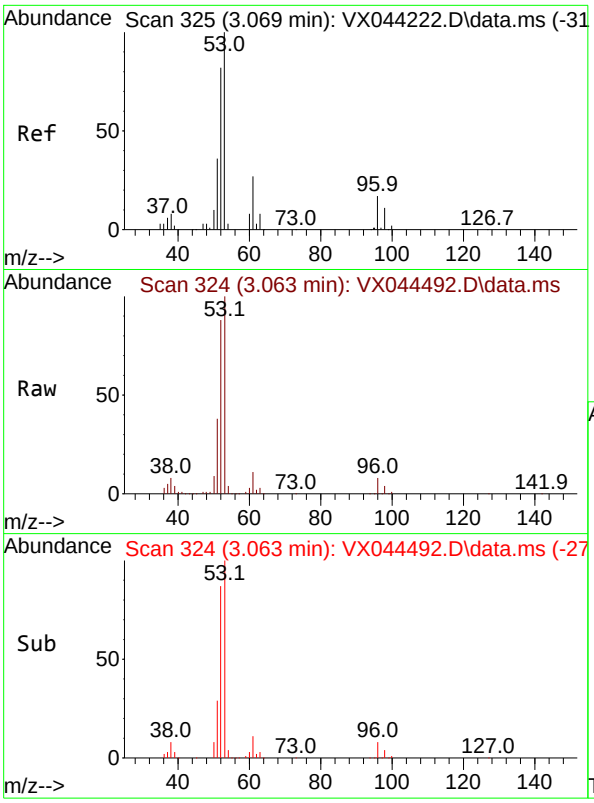


#14
Allyl chloride
Concen: 44.605 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 41 Resp: 118303

Ion	Ratio	Lower	Upper
41	100		
39	76.1	61.9	92.9
76	36.0	27.4	41.2



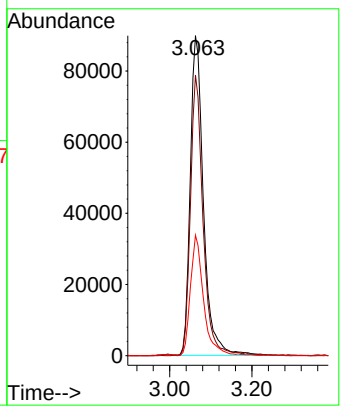


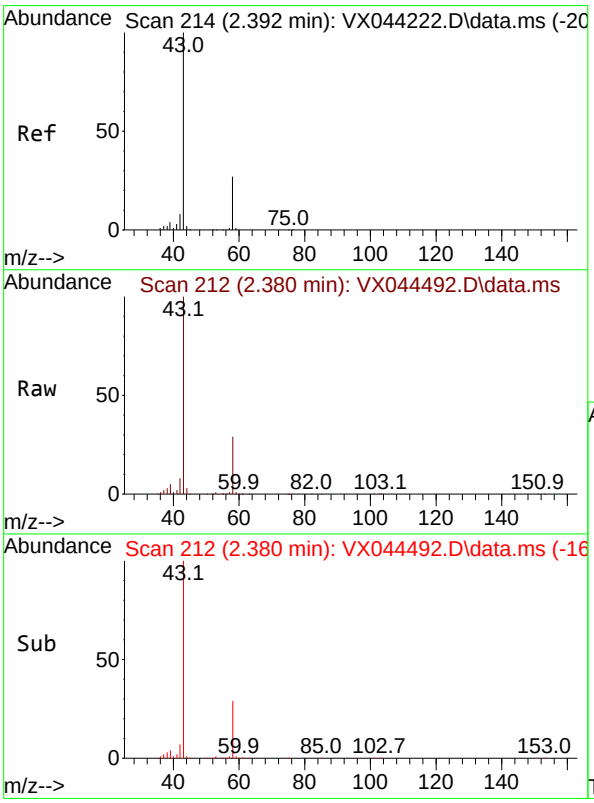
#15
Acrylonitrile
Concen: 206.319 ug/l
RT: 3.063 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 200626

Ion	Ratio	Lower	Upper
53	100		
52	83.5	67.4	101.0
51	37.1	30.3	45.5

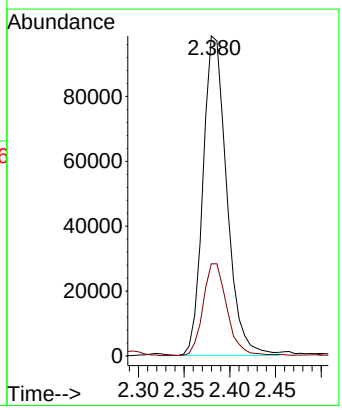


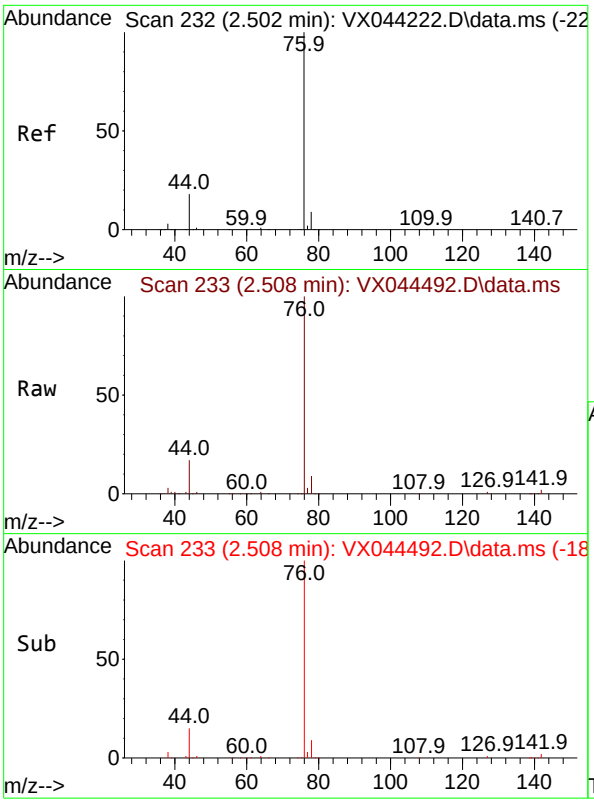


#16
Acetone
Concen: 175.552 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 43 Resp: 178267

Ion	Ratio	Lower	Upper
43	100		
58	28.7	21.6	32.4



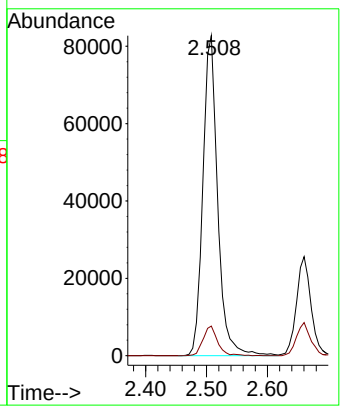


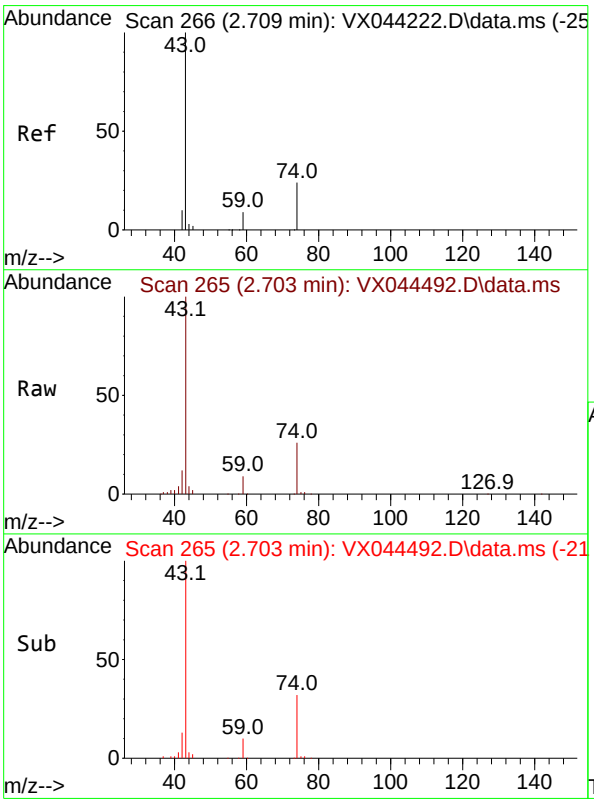
#17
Carbon Disulfide
Concen: 46.135 ug/l
RT: 2.508 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 139644

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.0

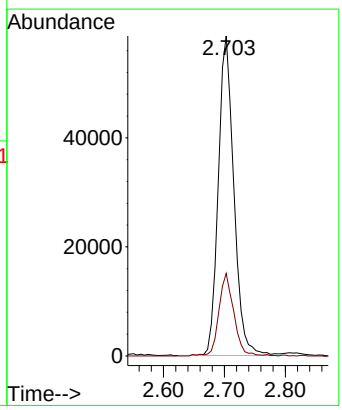


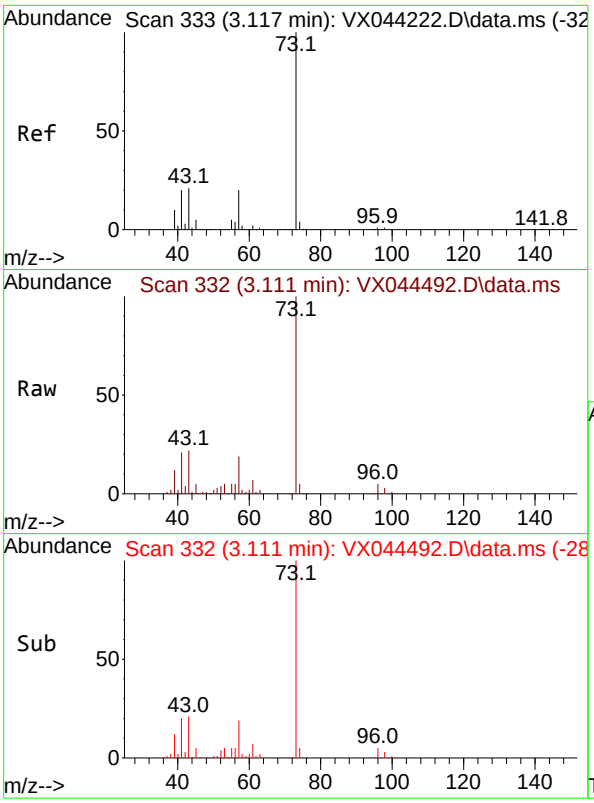


#18
Methyl Acetate
Concen: 39.750 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 43 Resp: 104075

Ion	Ratio	Lower	Upper
43	100		
74	24.9	17.7	26.5



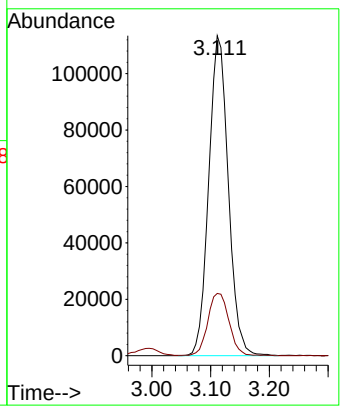


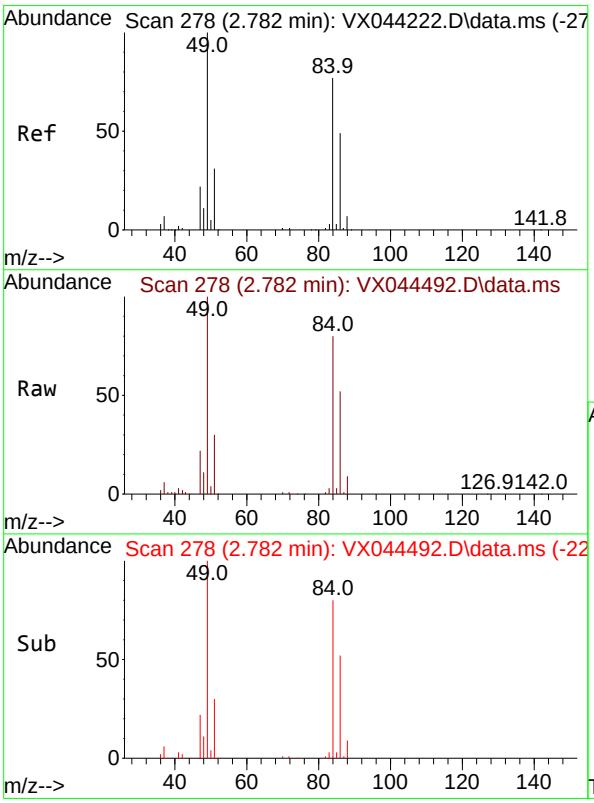
#19
Methyl tert-butyl Ether
Concen: 42.170 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 262040

Ion	Ratio	Lower	Upper
73	100		
57	19.5	16.2	24.4

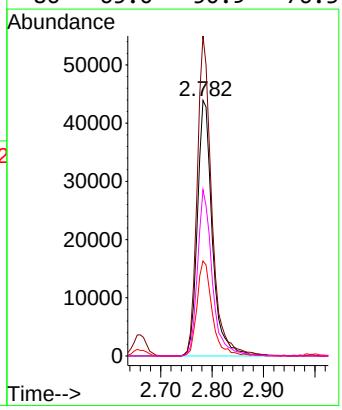


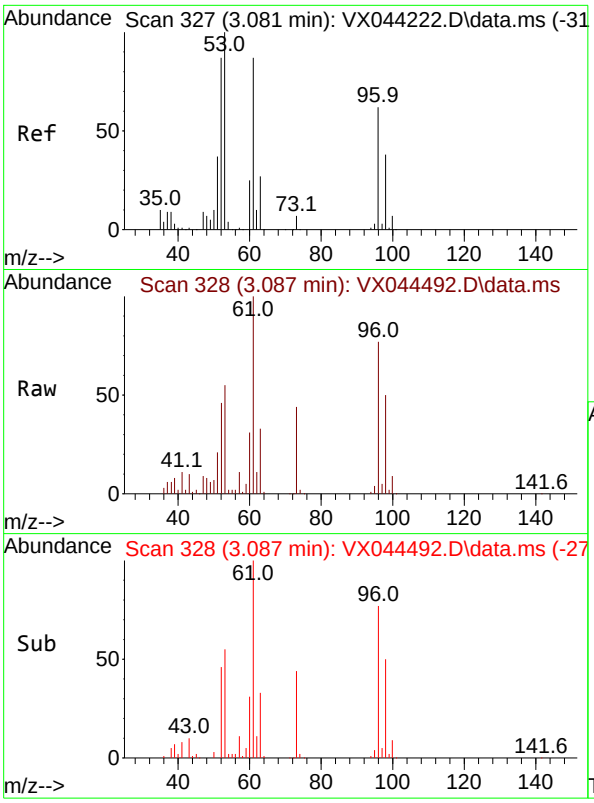


#20
Methylene Chloride
Concen: 46.423 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 84 Resp: 88543

Ion	Ratio	Lower	Upper
84	100		
49	125.3	104.2	156.4
51	37.2	32.2	48.4
86	65.0	50.9	76.3



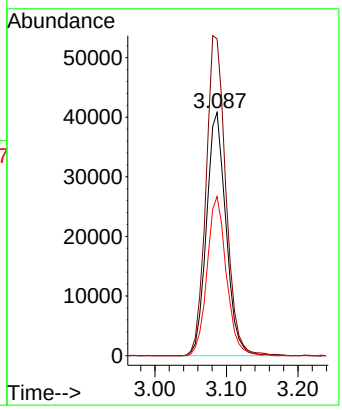


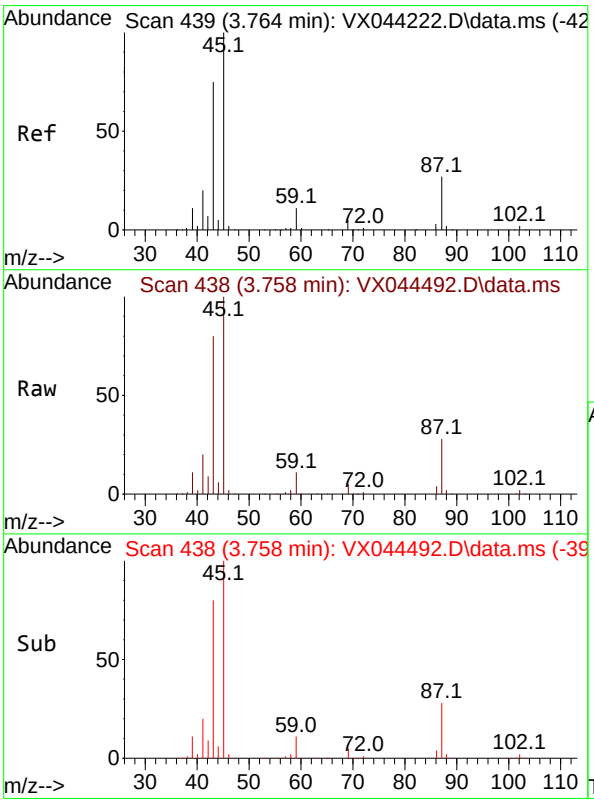
#21
trans-1,2-Dichloroethene
Concen: 45.648 ug/l
RT: 3.087 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 77251

Ion	Ratio	Lower	Upper
96	100		
61	130.2	112.0	168.0
98	65.4	48.8	73.2

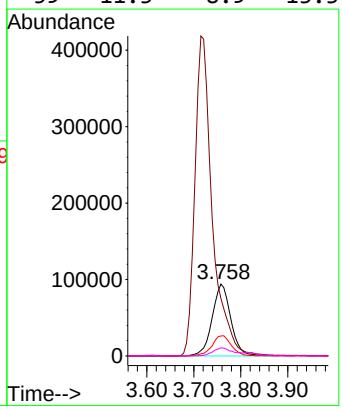


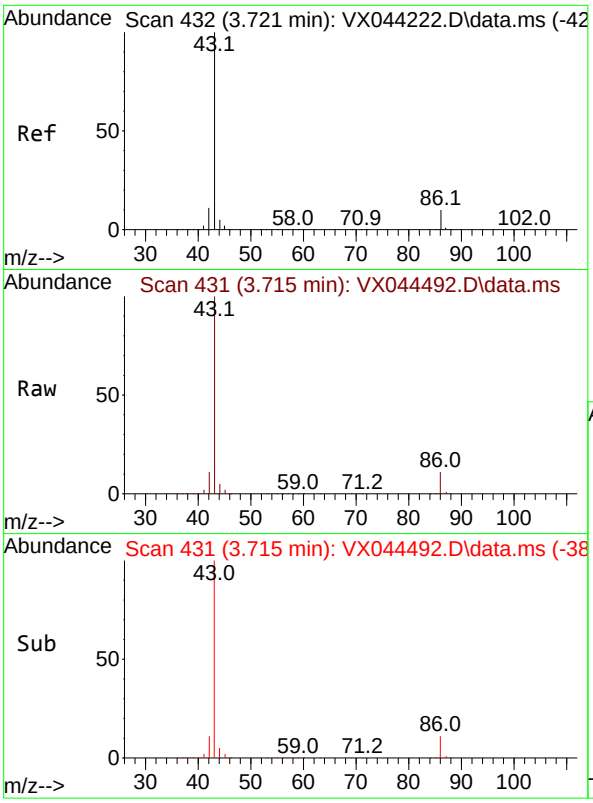


#22
Diisopropyl ether
Concen: 43.412 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 45 Resp: 259272

Ion	Ratio	Lower	Upper
45	100		
43	80.2	60.2	90.2
87	27.9	21.2	31.8
59	11.3	8.9	13.3



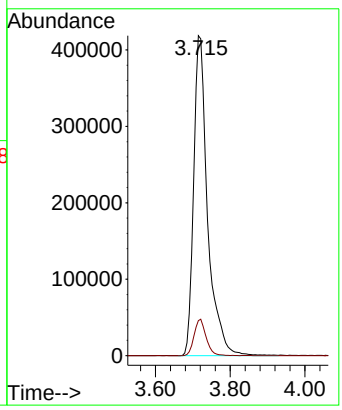


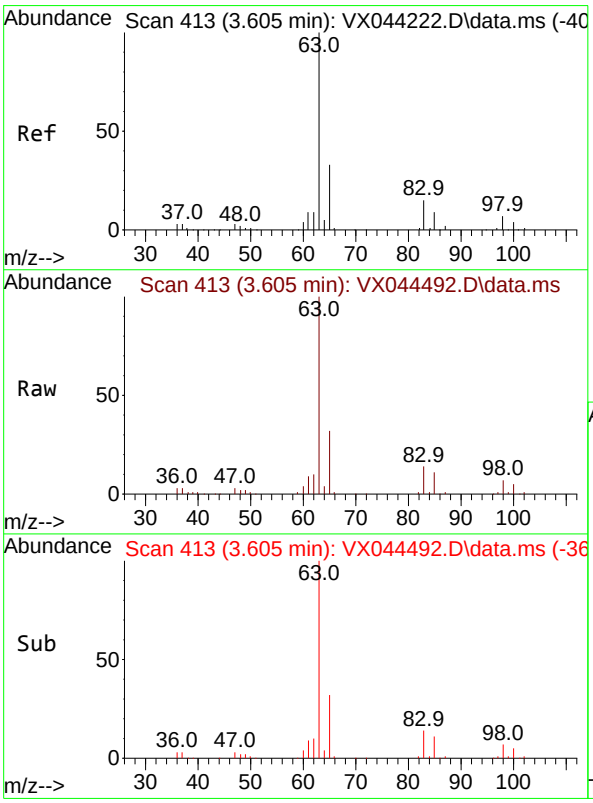
#23
Vinyl Acetate
Concen: 223.409 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1084781

Ion	Ratio	Lower	Upper
43	100		
86	10.9	8.2	12.2

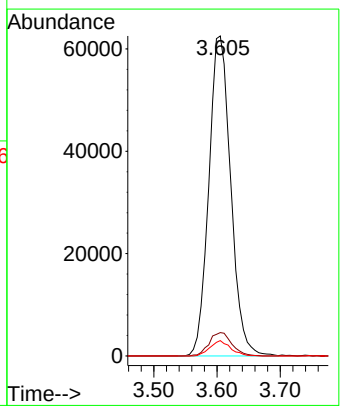


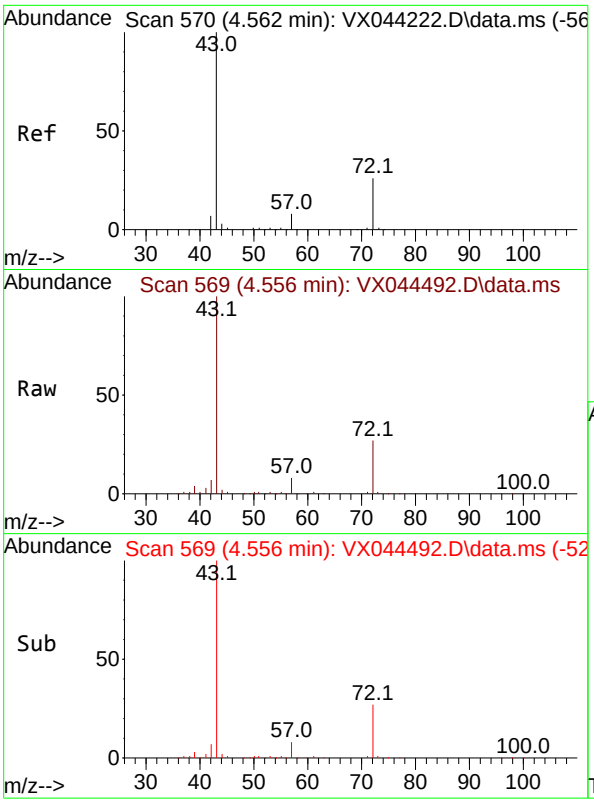


#24
1,1-Dichloroethane
Concen: 45.194 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 63 Resp: 150456

Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.6	10.8
100	4.8	2.1	6.3



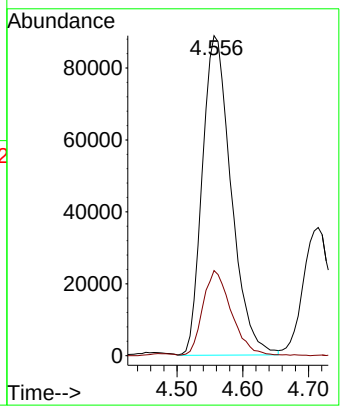


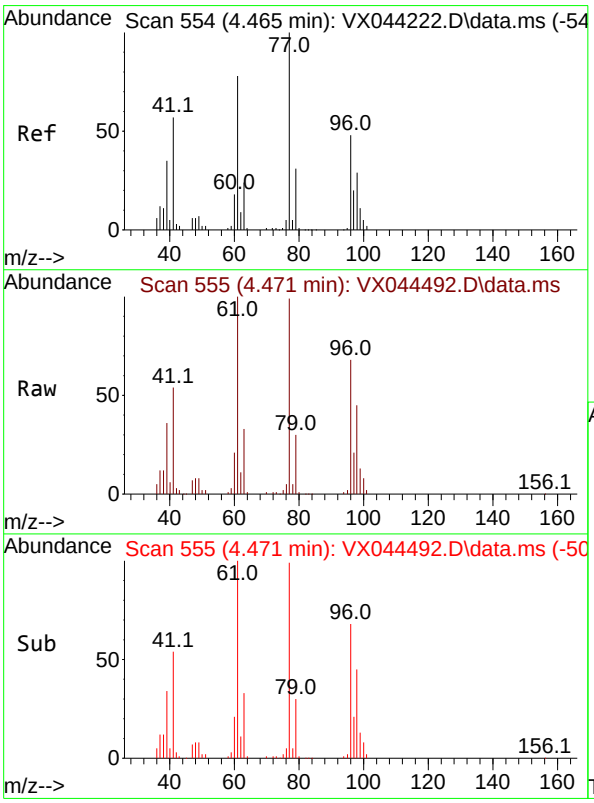
#25
2-Butanone
Concen: 188.131 ug/l
RT: 4.556 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 271591

Ion	Ratio	Lower	Upper
43	100		
72	26.5	20.2	30.4

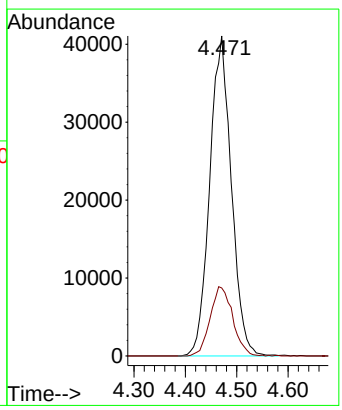


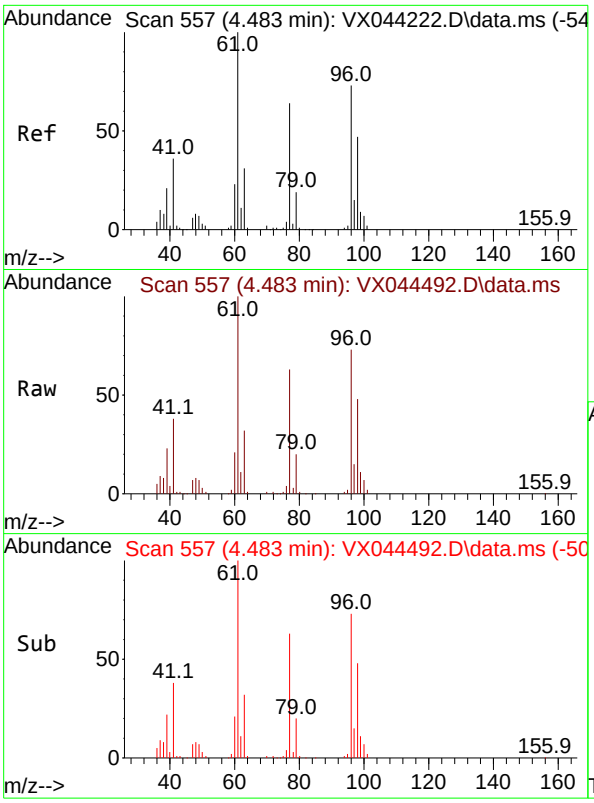


#26
2,2-Dichloropropane
Concen: 44.358 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 77 Resp: 119970

Ion	Ratio	Lower	Upper
77	100		
97	22.6	10.7	32.1



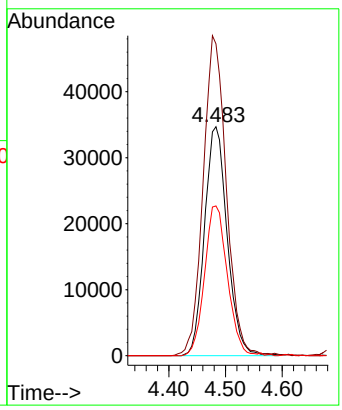


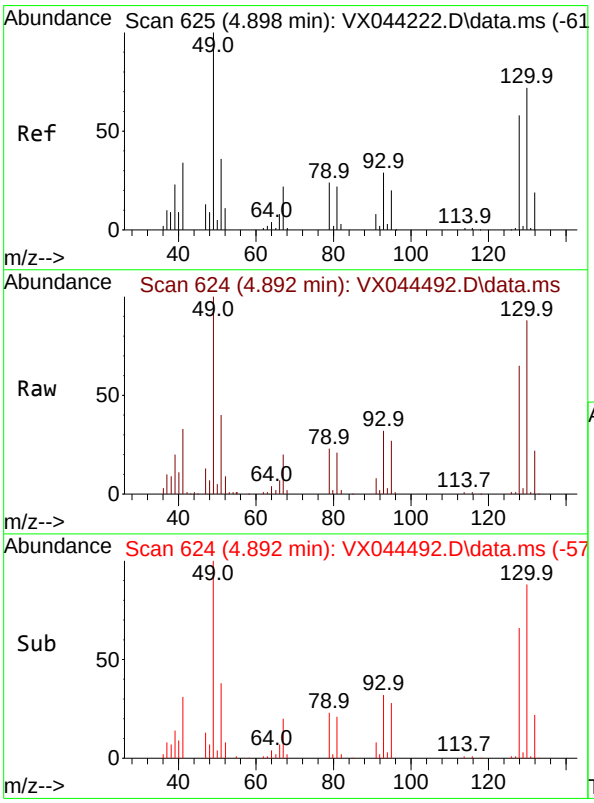
#27
cis-1,2-Dichloroethene
Concen: 44.871 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 96440

Ion	Ratio	Lower	Upper
96	100		
61	142.1	0.0	299.0
98	66.0	0.0	129.0

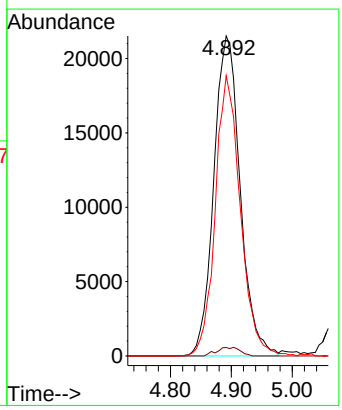


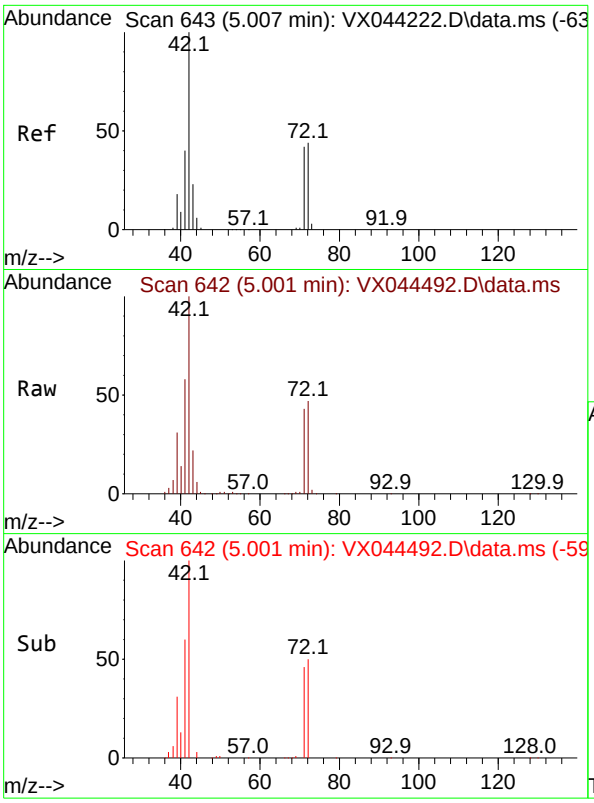


#28
Bromochloromethane
Concen: 39.671 ug/l
RT: 4.892 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 49 Resp: 64763

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	83.3	62.1	93.1



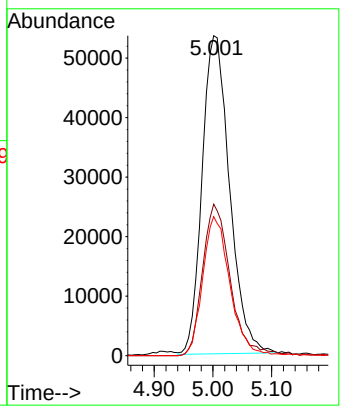


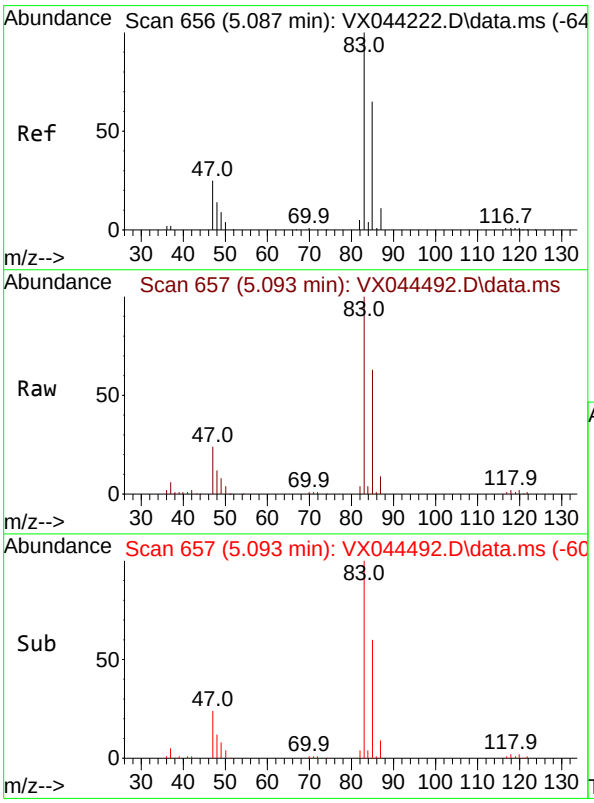
#29
Tetrahydrofuran
Concen: 187.586 ug/l
RT: 5.001 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 173821

Ion	Ratio	Lower	Upper
42	100		
72	48.0	37.0	55.6
71	43.3	33.6	50.4

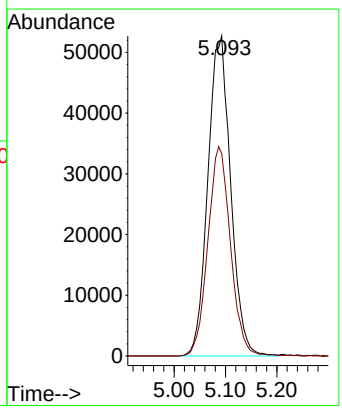


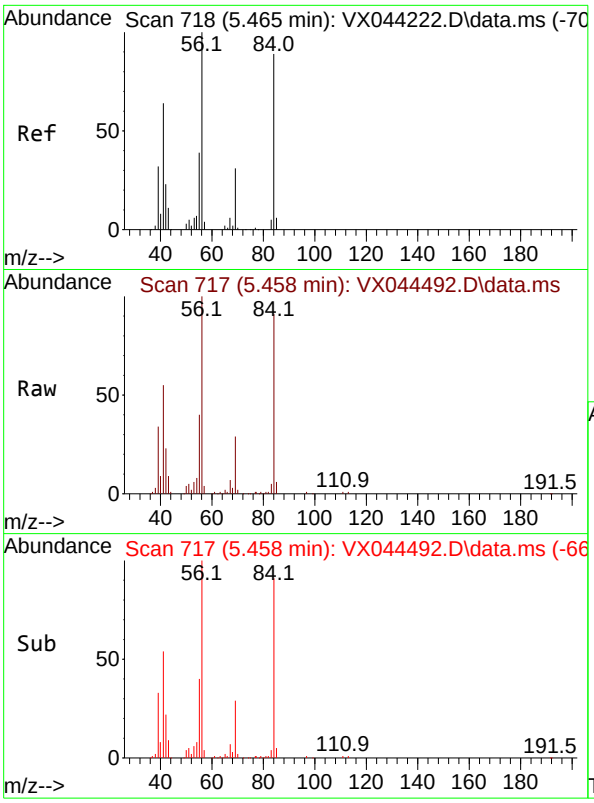


#30
Chloroform
Concen: 43.416 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 83 Resp: 162393

Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.6	77.4



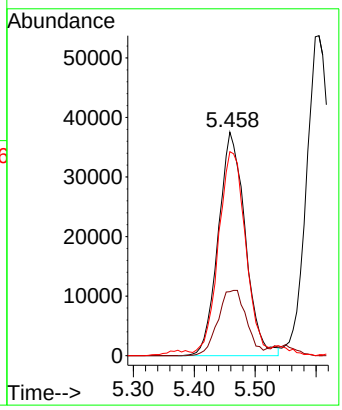


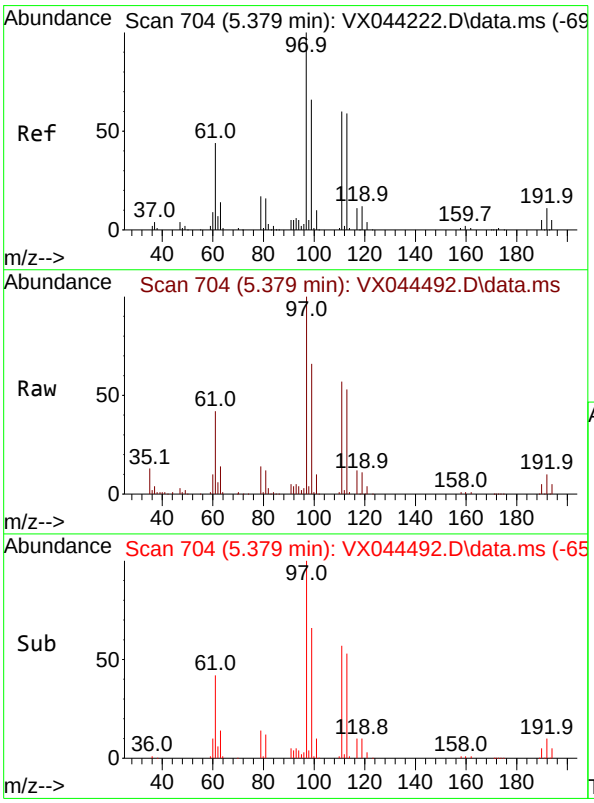
#31
Cyclohexane
Concen: 42.794 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 115044

Ion	Ratio	Lower	Upper
56	100		
69	28.7	24.7	37.1
84	88.9	71.0	106.6

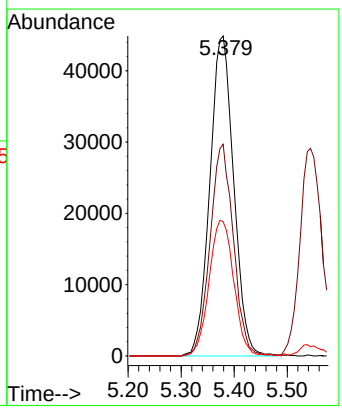


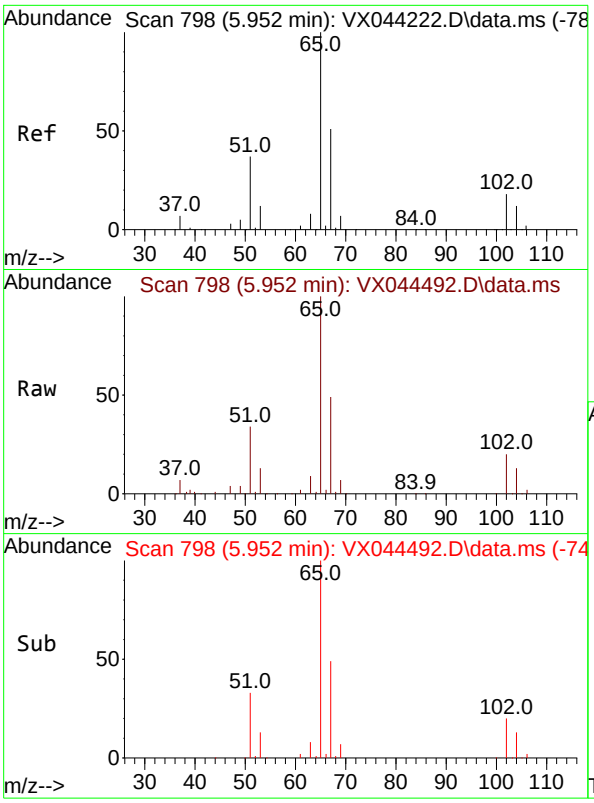


#32
1,1,1-Trichloroethane
Concen: 45.118 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 97 Resp: 140086

Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.8	76.2
61	43.9	35.2	52.8



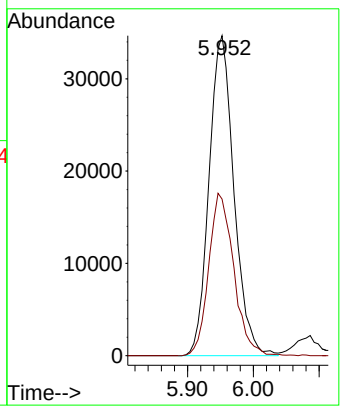


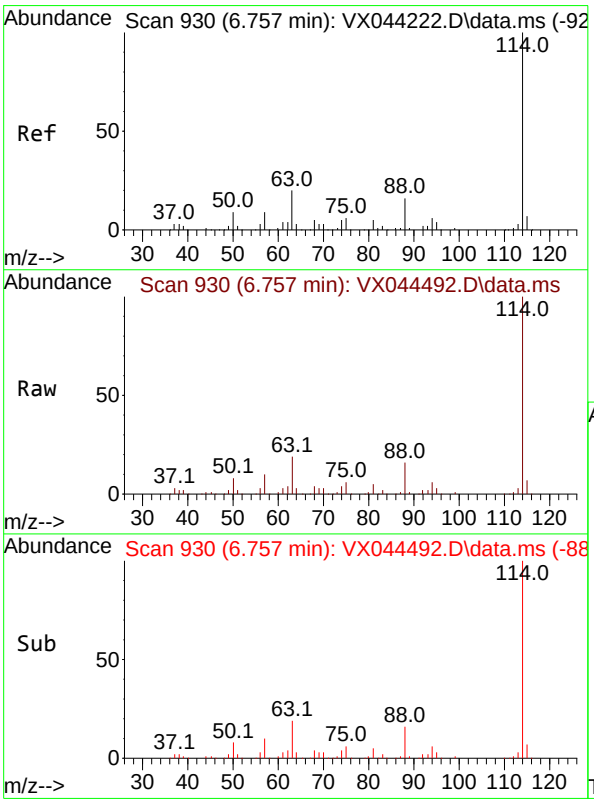
#33
1,2-Dichloroethane-d4
Concen: 36.671 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 91340

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	101.6

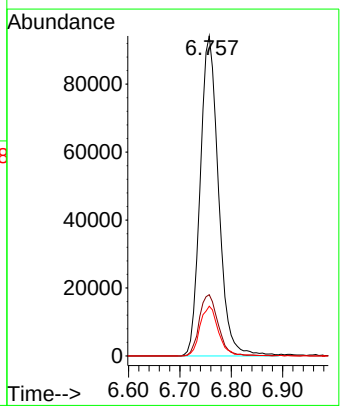


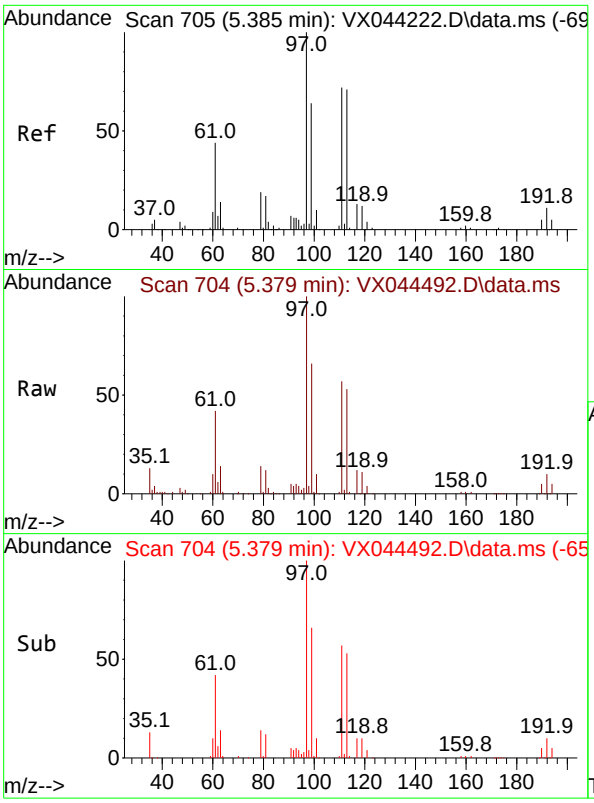


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:114 Resp: 233398

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	40.6
88	15.6	0.0	31.8



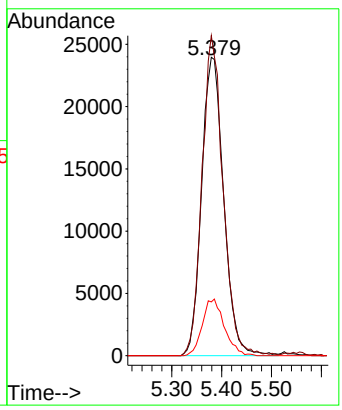


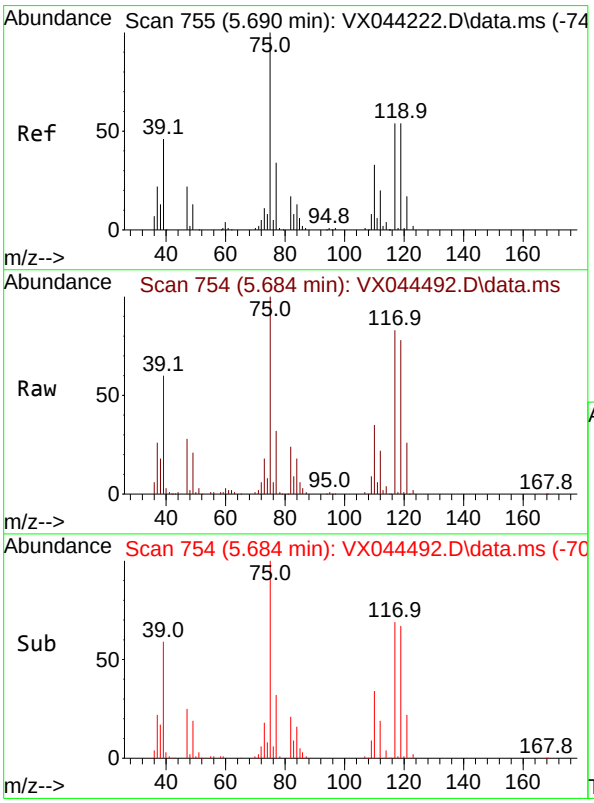
#35
Dibromofluoromethane
Concen: 45.677 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 73837

Ion	Ratio	Lower	Upper
113	100		
111	102.2	80.4	120.6
192	18.9	13.3	19.9

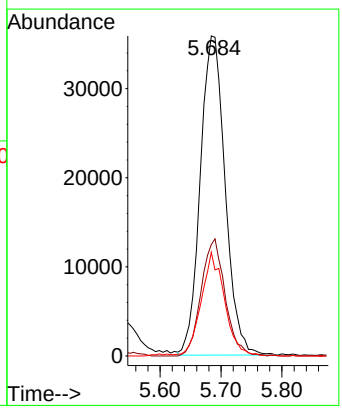


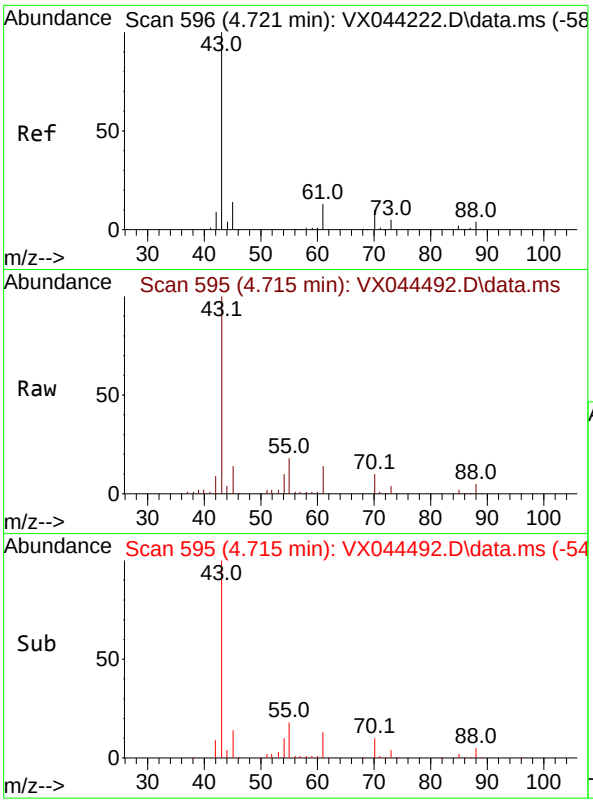


#36
1,1-Dichloropropene
Concen: 48.625 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 75 Resp: 101604

Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.3	51.7
77	29.8	25.4	38.0



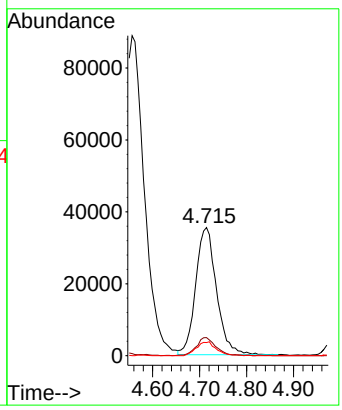


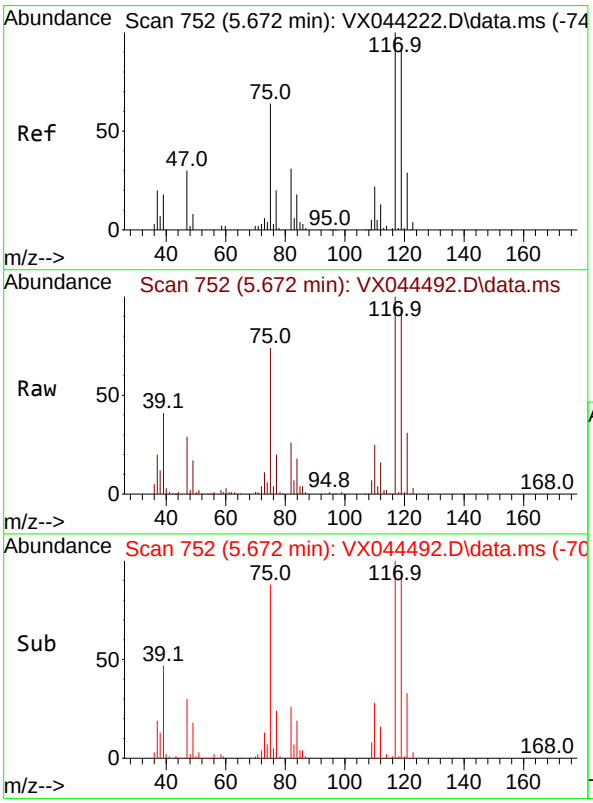
#37
Ethyl Acetate
Concen: 42.249 ug/l
RT: 4.715 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 109126

Ion	Ratio	Lower	Upper
43	100		
61	13.5	9.8	14.8
70	10.3	7.7	11.5

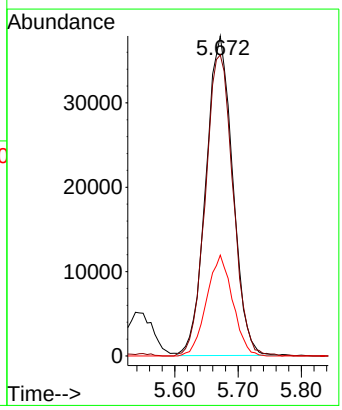


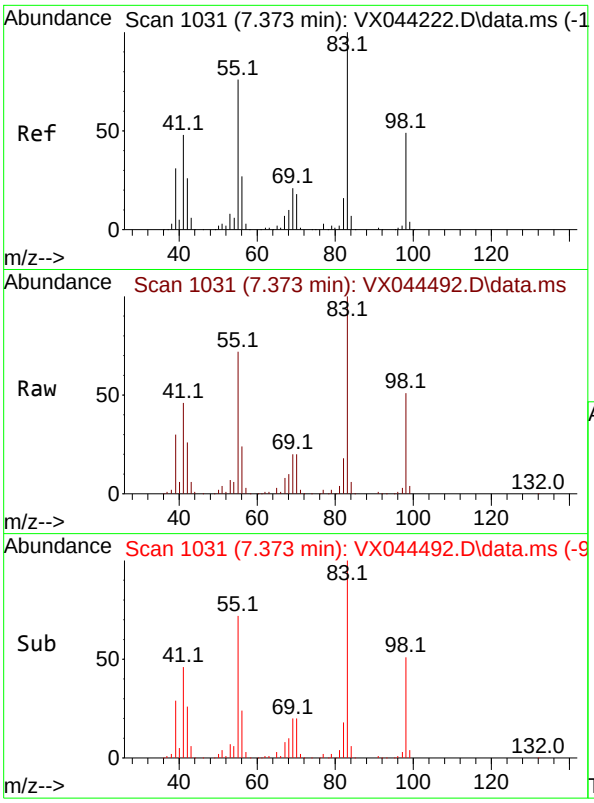


#38
Carbon Tetrachloride
Concen: 49.513 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:117 Resp: 111385

Ion	Ratio	Lower	Upper
117	100		
119	94.0	74.2	111.4
121	31.6	23.0	34.6



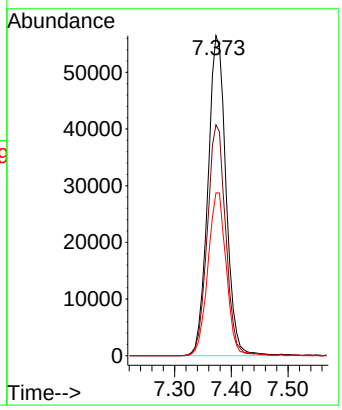


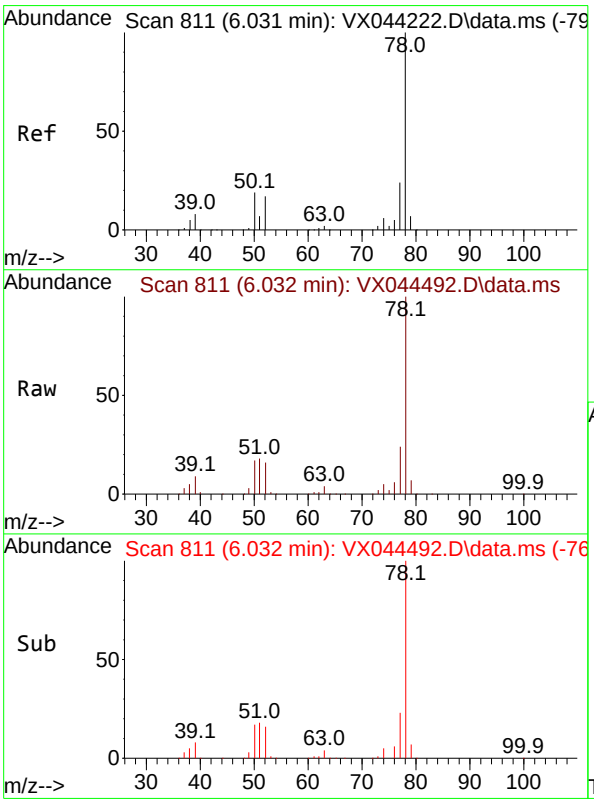
#39
Methylcyclohexane
Concen: 50.139 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 125247

Ion	Ratio	Lower	Upper
83	100		
55	72.2	60.7	91.1
98	50.9	38.9	58.3

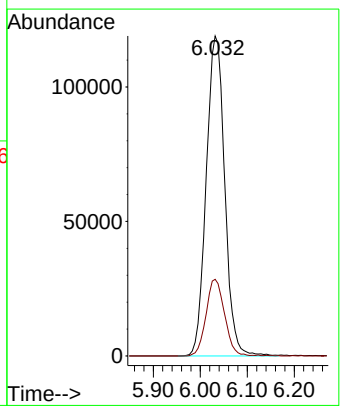


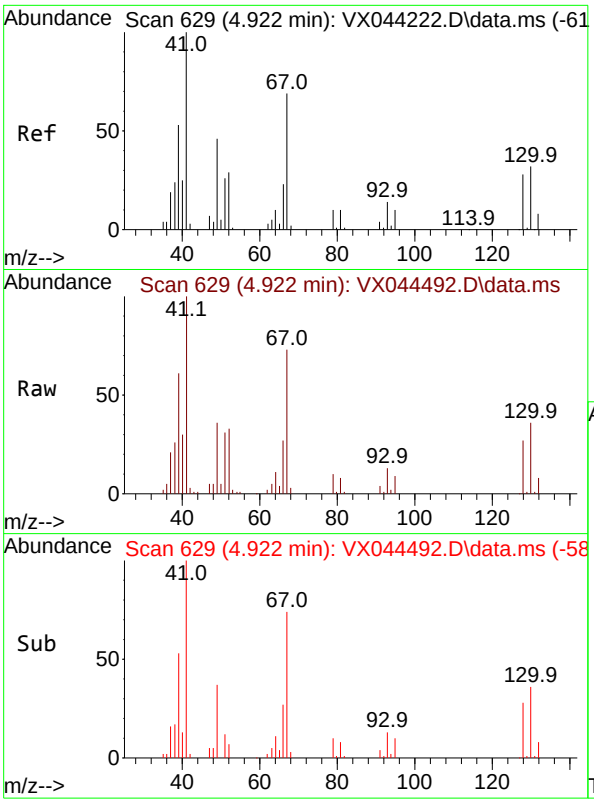


#40
Benzene
Concen: 51.229 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 78 Resp: 325004

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9



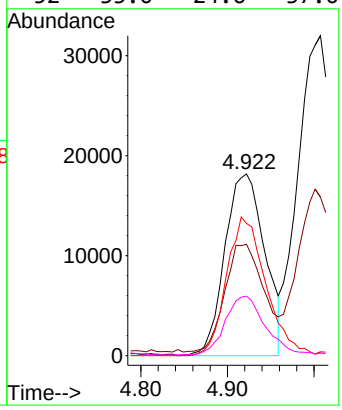


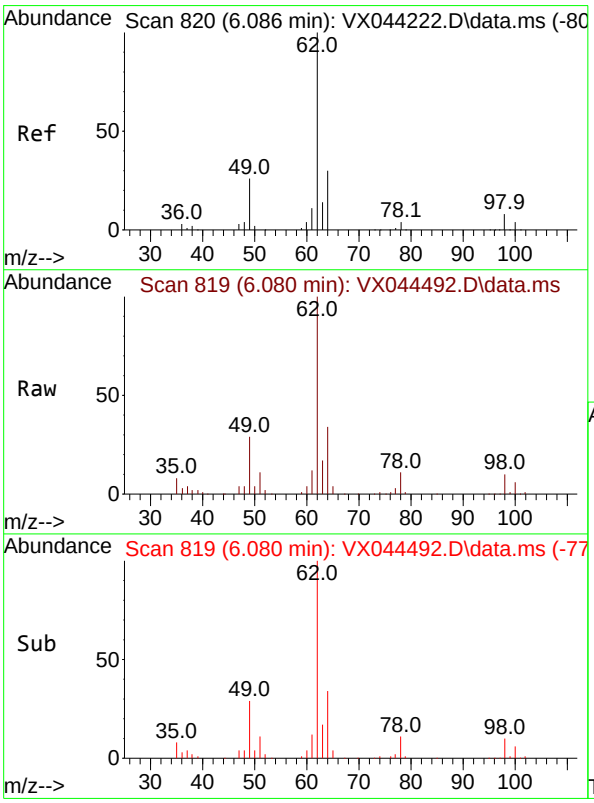
#41
Methacrylonitrile
Concen: 42.511 ug/l
RT: 4.922 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 58306

Ion	Ratio	Lower	Upper
41	100		
39	57.1	44.2	66.4
67	75.0	57.2	85.8
52	33.0	24.6	37.0

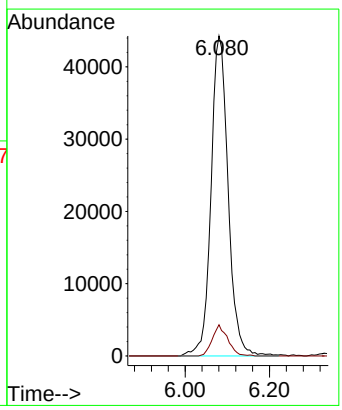


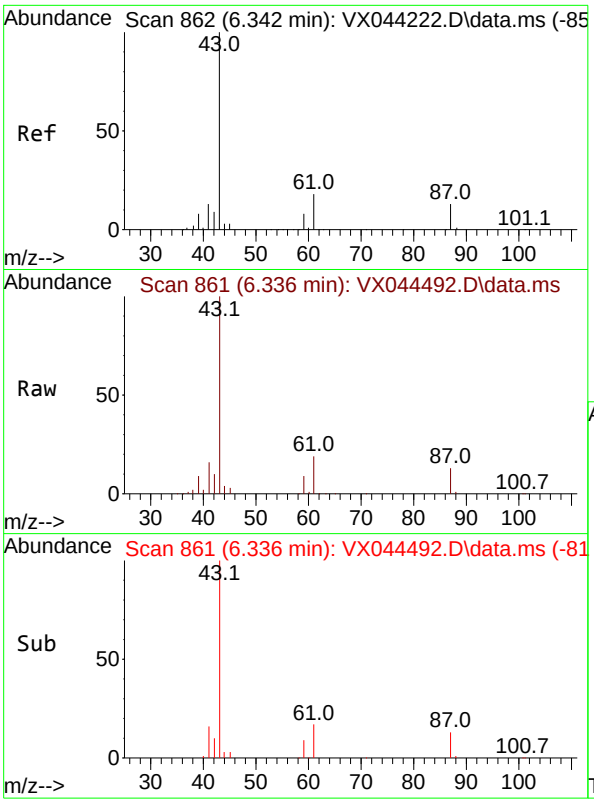


#42
1,2-Dichloroethane
Concen: 47.653 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 62 Resp: 124536

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	15.8



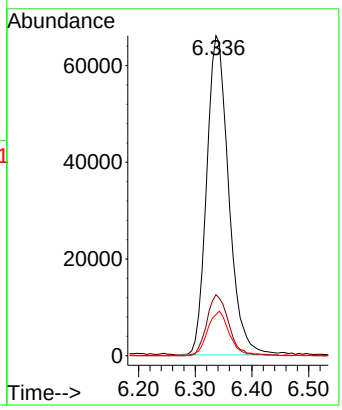


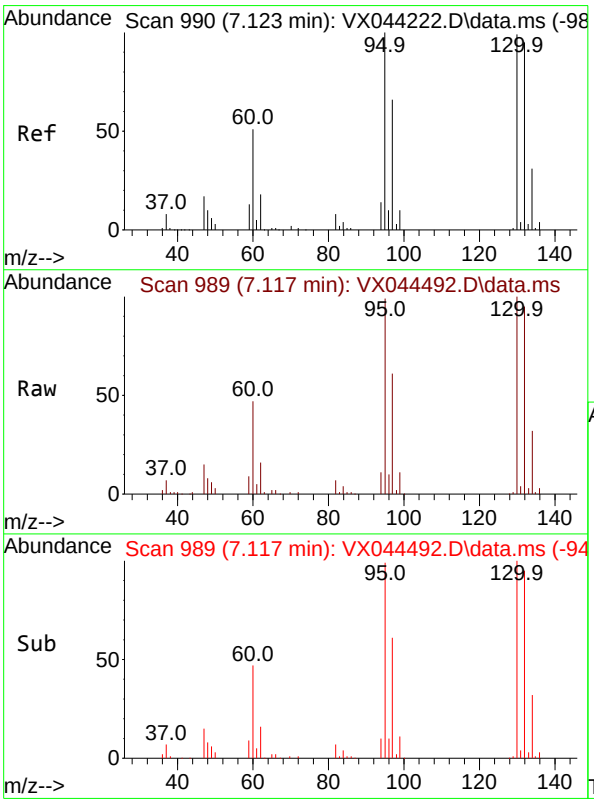
#43
Isopropyl Acetate
Concen: 44.034 ug/l
RT: 6.336 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 177770

Ion	Ratio	Lower	Upper
43	100		
61	19.1	14.2	21.2
87	13.7	10.2	15.2

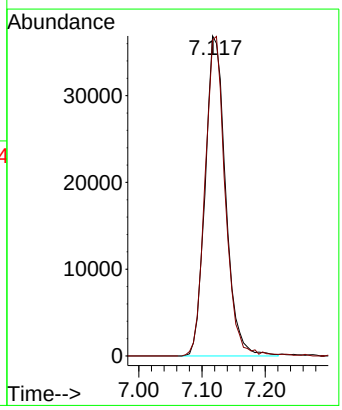


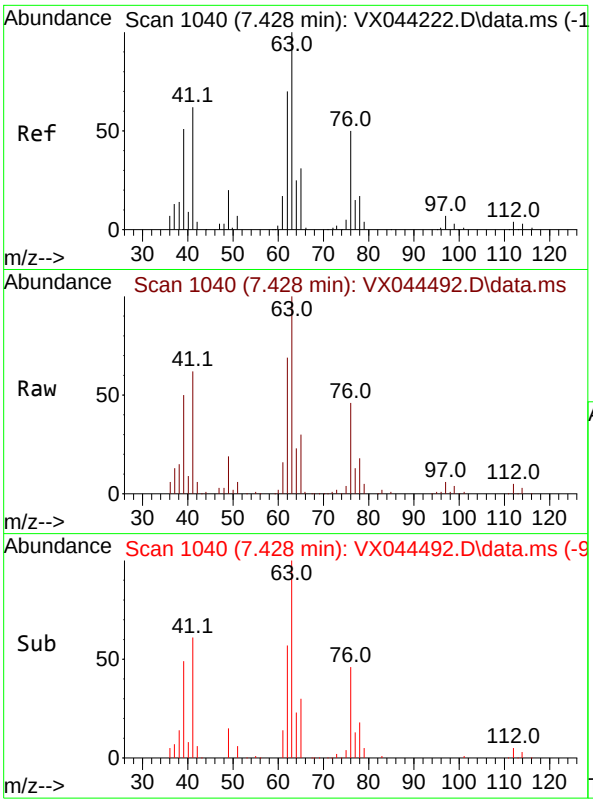


#44
Trichloroethene
Concen: 52.353 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:130 Resp: 82827

Ion	Ratio	Lower	Upper
130	100		
95	98.7	0.0	201.4



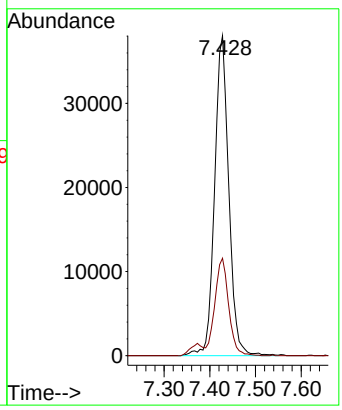


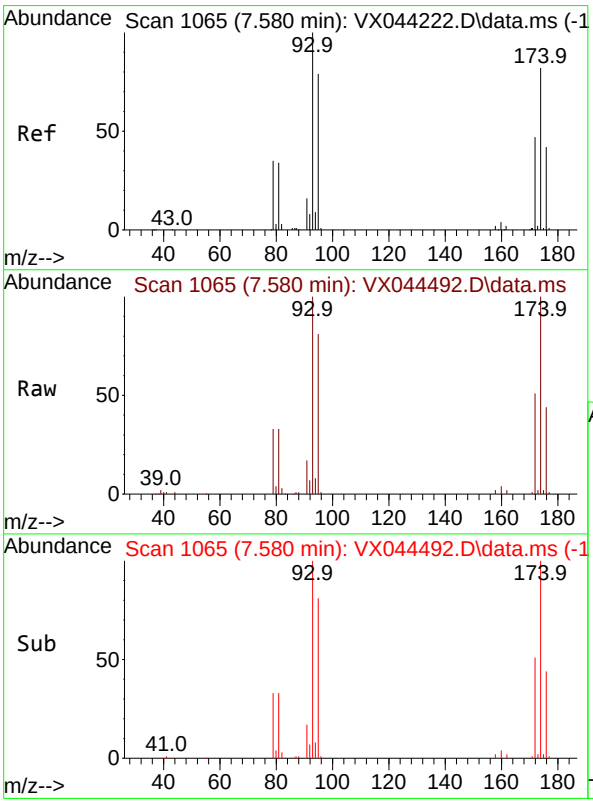
#45
1,2-Dichloropropane
Concen: 50.659 ug/l
RT: 7.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 82109

Ion	Ratio	Lower	Upper
63	100		
65	30.5	24.6	37.0

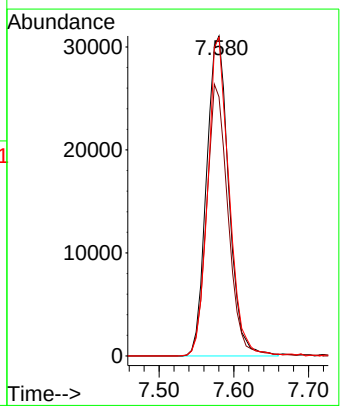


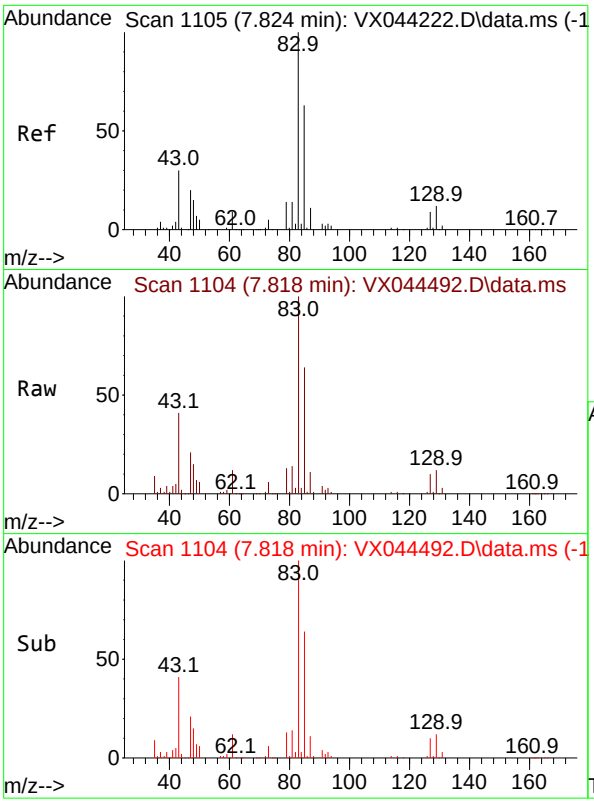


#46
Dibromomethane
Concen: 50.998 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 93 Resp: 64127

Ion	Ratio	Lower	Upper
93	100		
95	81.9	65.4	98.2
174	95.5	67.9	101.9



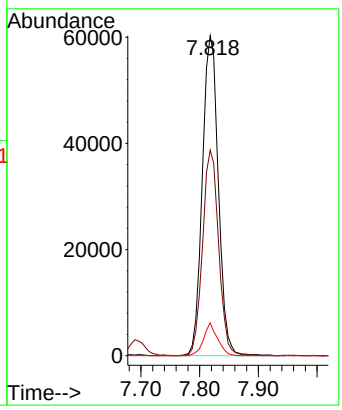


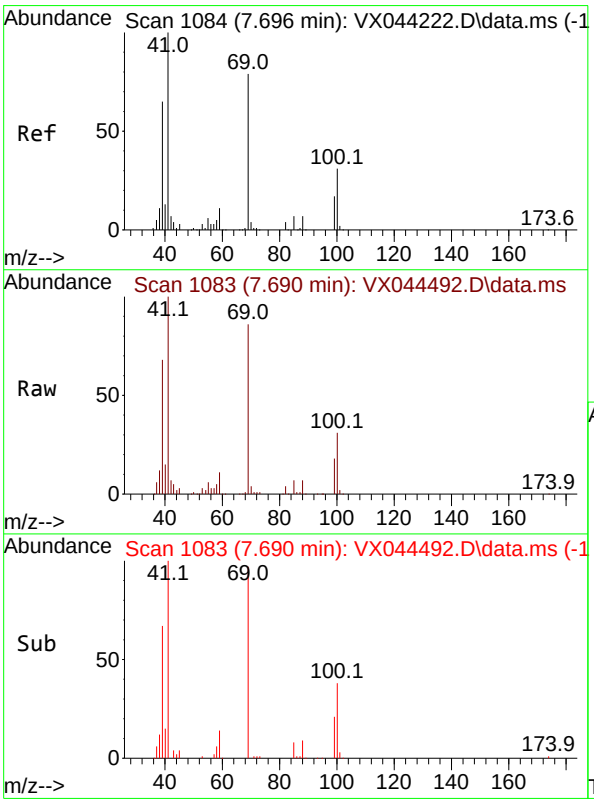
#47
Bromodichloromethane
Concen: 52.527 ug/l
RT: 7.818 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 114072

Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.6	75.8
127	10.3	7.3	10.9

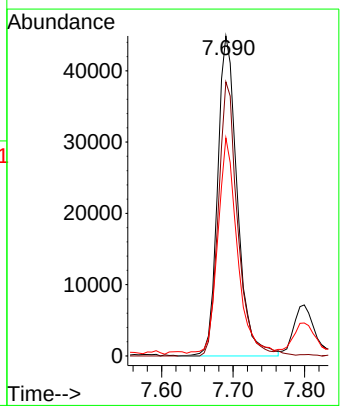


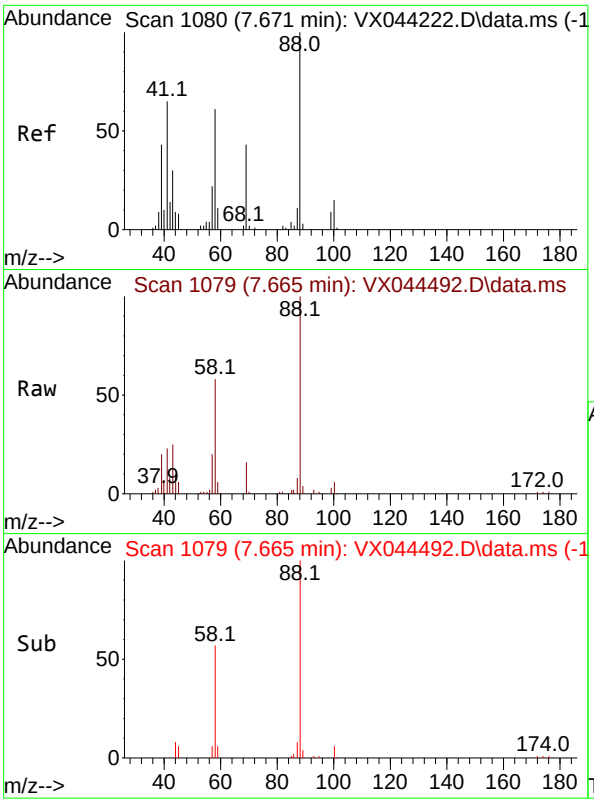


#48
Methyl methacrylate
Concen: 43.837 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 41 Resp: 85907

Ion	Ratio	Lower	Upper
41	100		
69	84.0	62.4	93.6
39	65.7	53.3	79.9



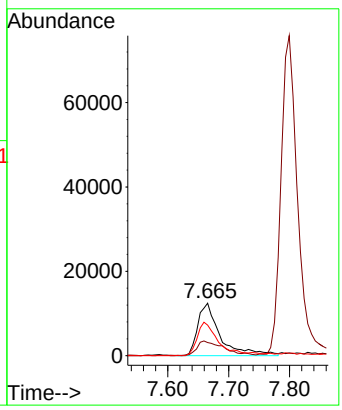


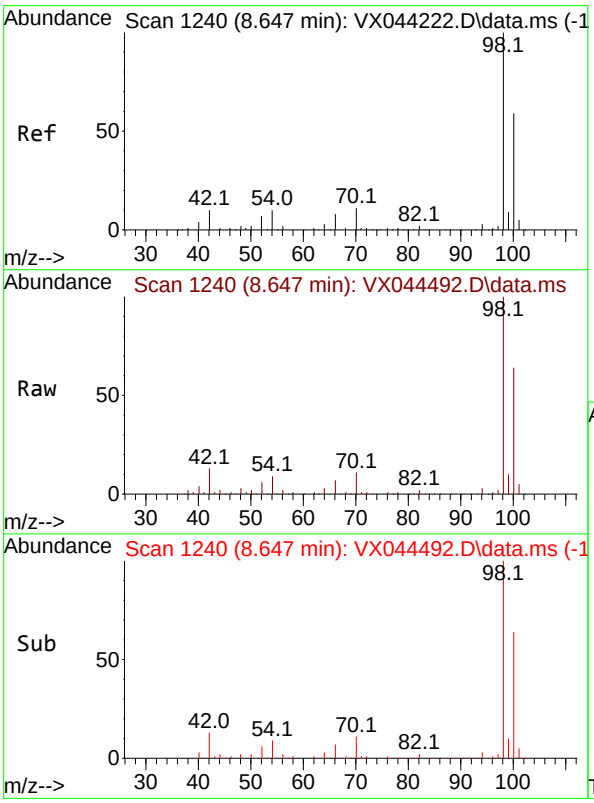
#49
1,4-Dioxane
Concen: 982.728 ug/l
RT: 7.665 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 31930

Ion	Ratio	Lower	Upper
88	100		
43	32.0	27.1	40.7
58	58.7	41.0	61.4

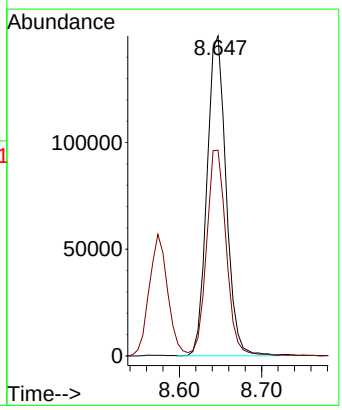


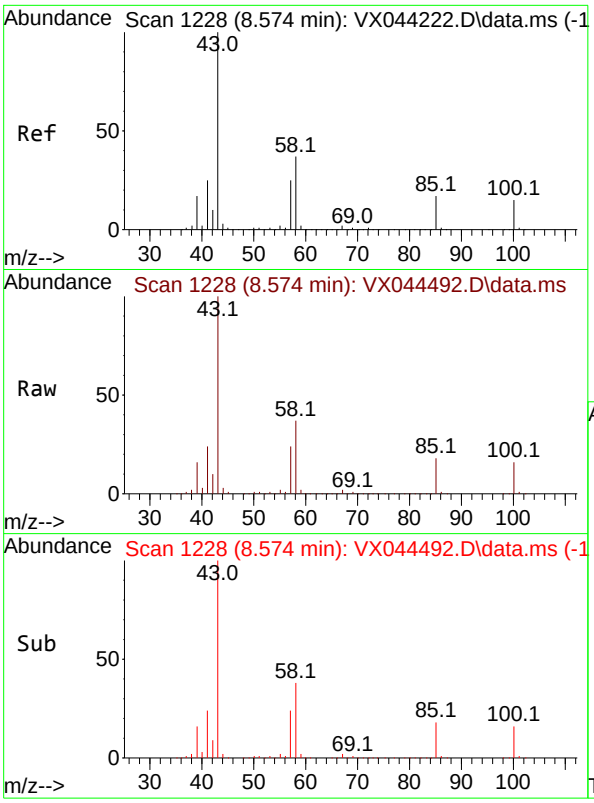


#50
Toluene-d8
Concen: 44.446 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 98 Resp: 242389

Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.5	77.3



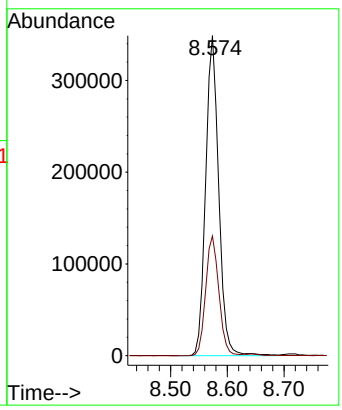


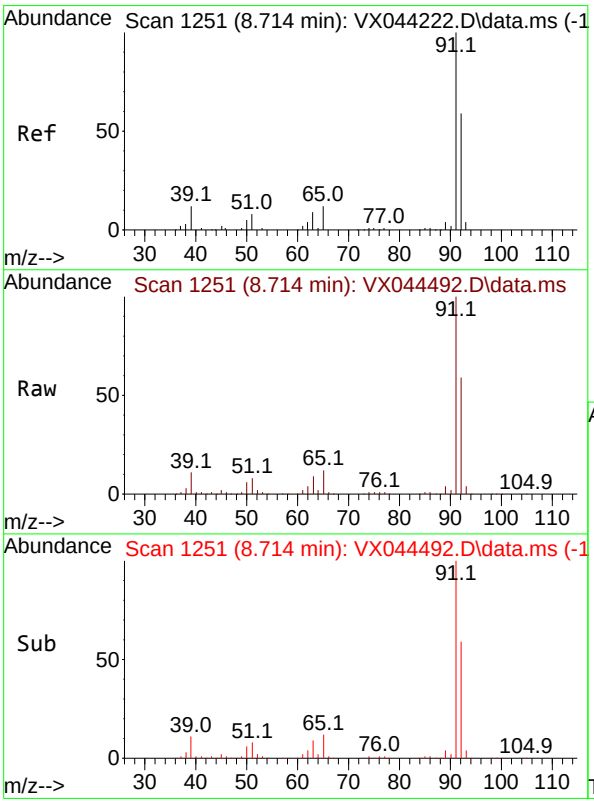
#51
4-Methyl-2-Pentanone
Concen: 214.305 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 556283

Ion	Ratio	Lower	Upper
43	100		
58	37.7	29.4	44.0

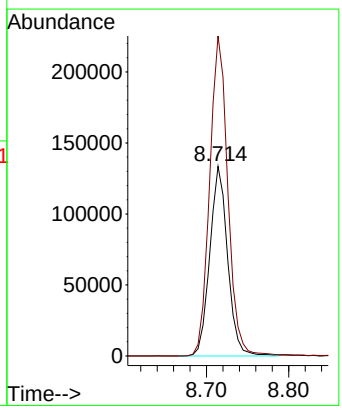


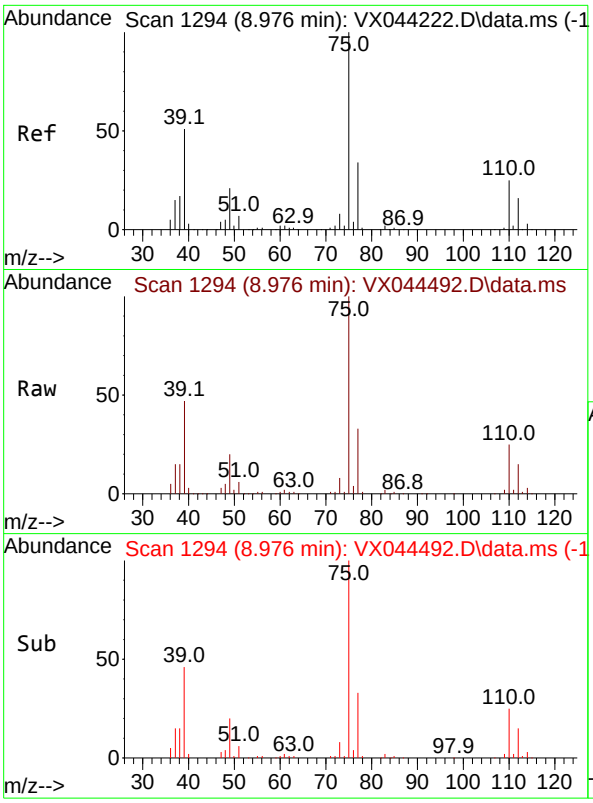


#52
Toluene
Concen: 50.524 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 92 Resp: 201289

Ion	Ratio	Lower	Upper
92	100		
91	172.6	137.0	205.6



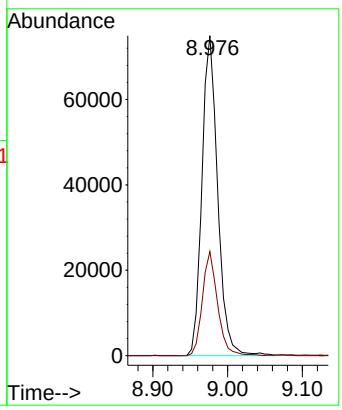


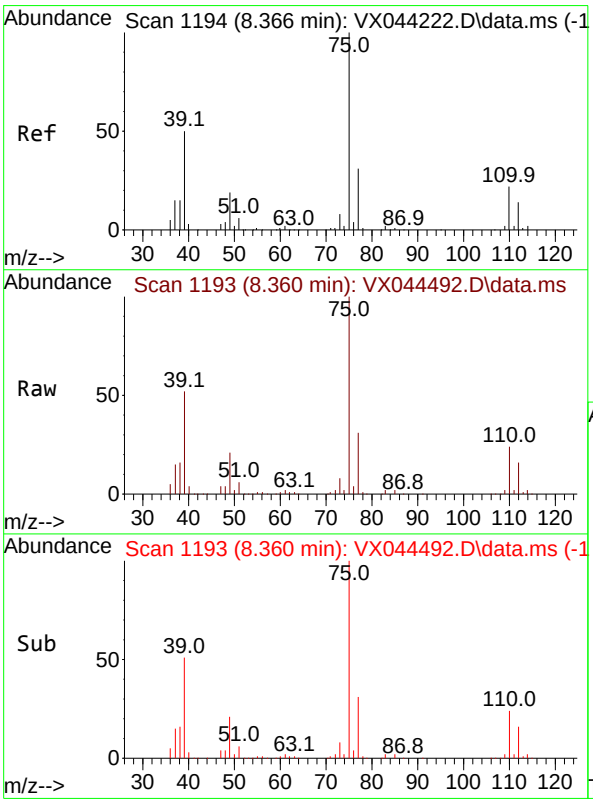
#53
t-1,3-Dichloropropene
Concen: 47.186 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 109547

Ion	Ratio	Lower	Upper
75	100		
77	32.5	27.2	40.8

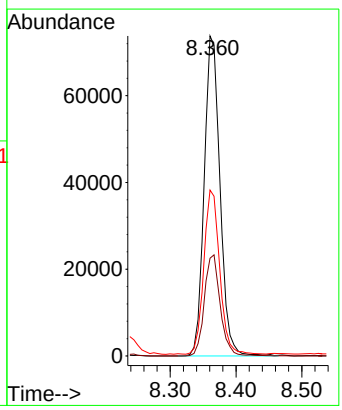


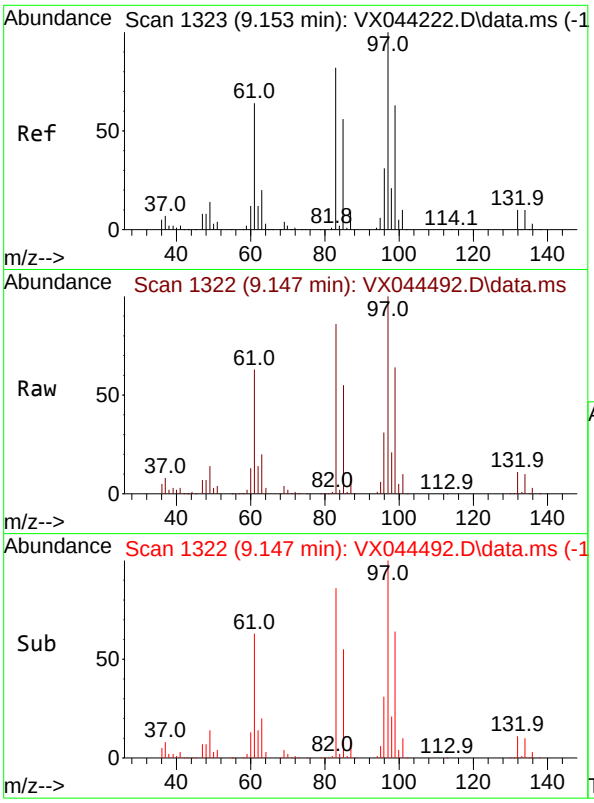


#54
cis-1,3-Dichloropropene
Concen: 52.242 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 75 Resp: 123531

Ion	Ratio	Lower	Upper
75	100		
77	30.5	24.7	37.1
39	51.2	40.3	60.5



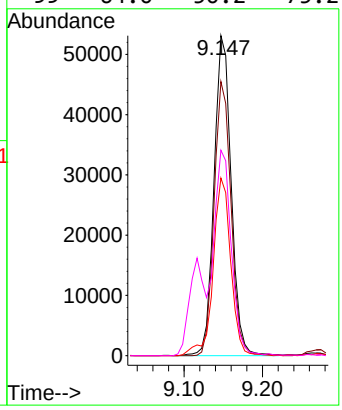


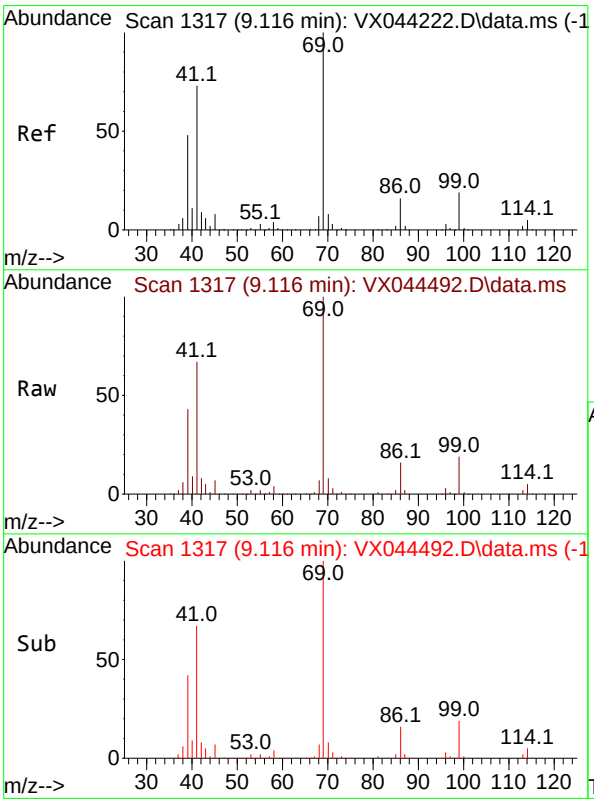
#55
1,1,2-Trichloroethane
Concen: 51.140 ug/l
RT: 9.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 80941

Ion	Ratio	Lower	Upper
97	100		
83	85.6	65.3	97.9
85	55.5	44.6	67.0
99	64.0	50.2	75.2

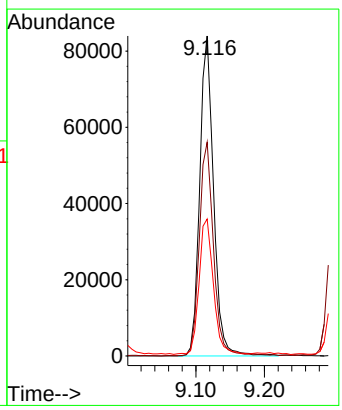


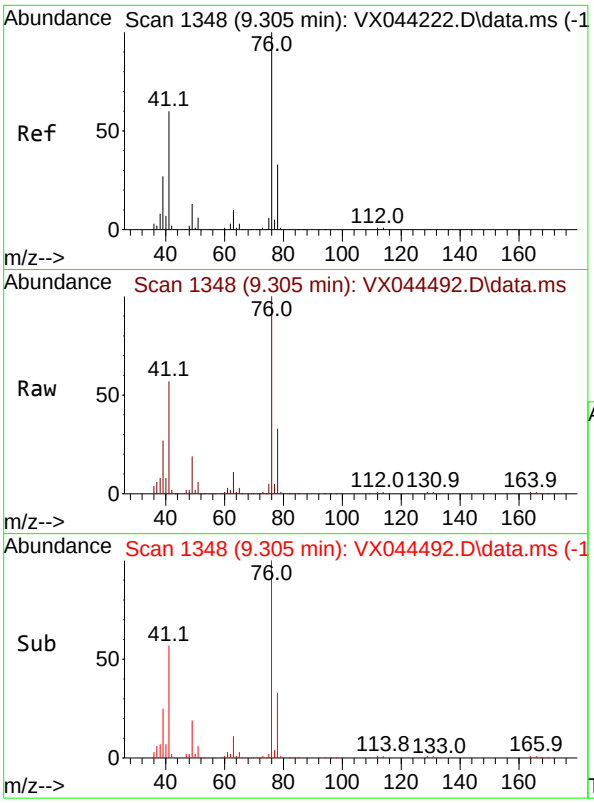


#56
Ethyl methacrylate
Concen: 47.418 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 69 Resp: 118479

Ion	Ratio	Lower	Upper
69	100		
41	68.8	56.6	85.0
39	43.7	37.4	56.0



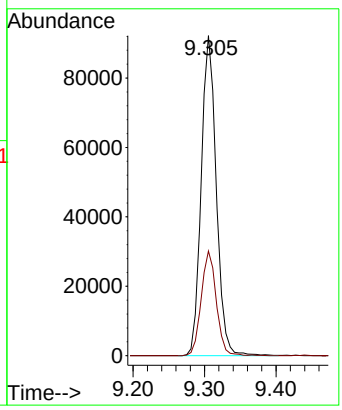


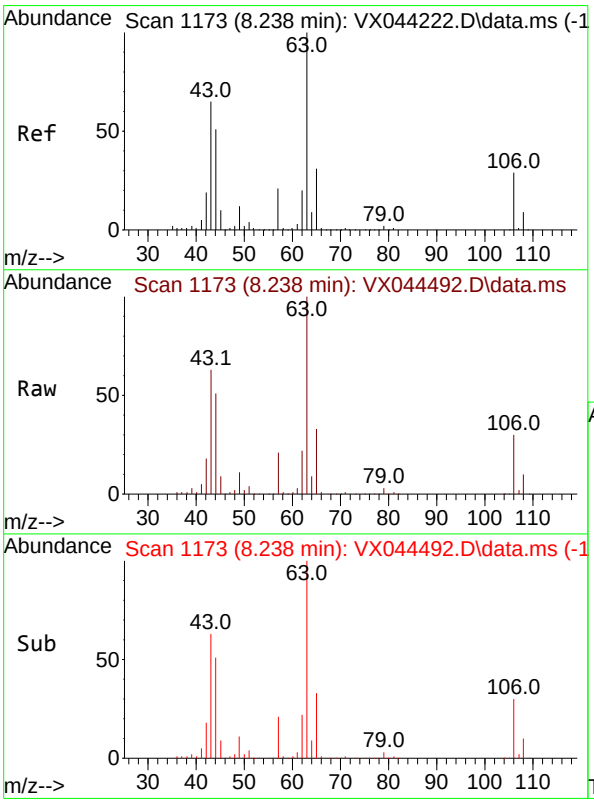
#57
1,3-Dichloropropane
Concen: 48.972 ug/l
RT: 9.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 134913

Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.5	39.7

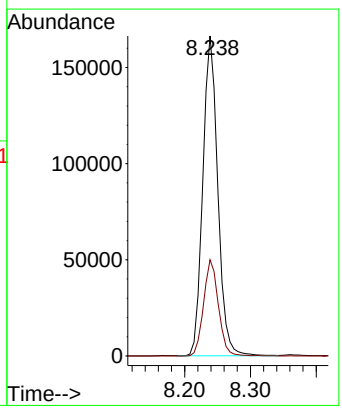


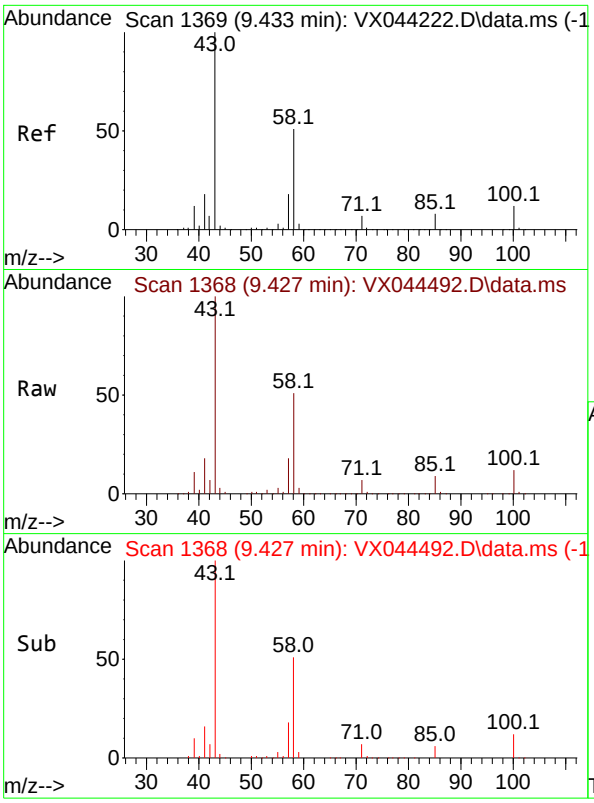


#58
2-Chloroethyl Vinyl ether
Concen: 209.048 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 63 Resp: 263448

Ion	Ratio	Lower	Upper
63	100		
106	29.8	22.8	34.2



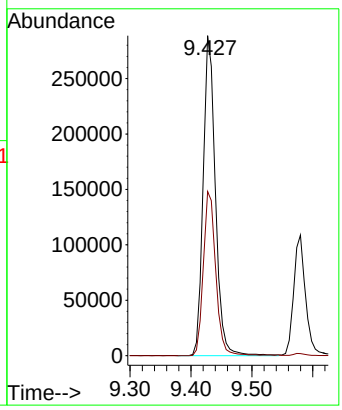


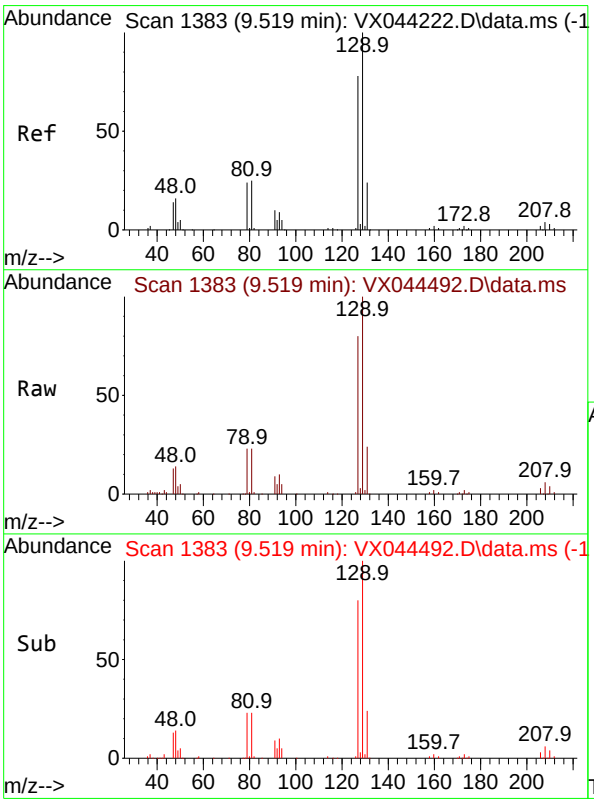
#59
2-Hexanone
Concen: 214.776 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 403537

Ion	Ratio	Lower	Upper
43	100		
58	52.2	25.7	77.0

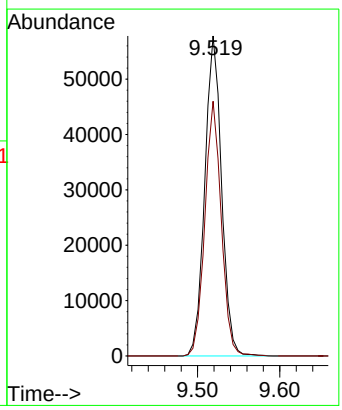


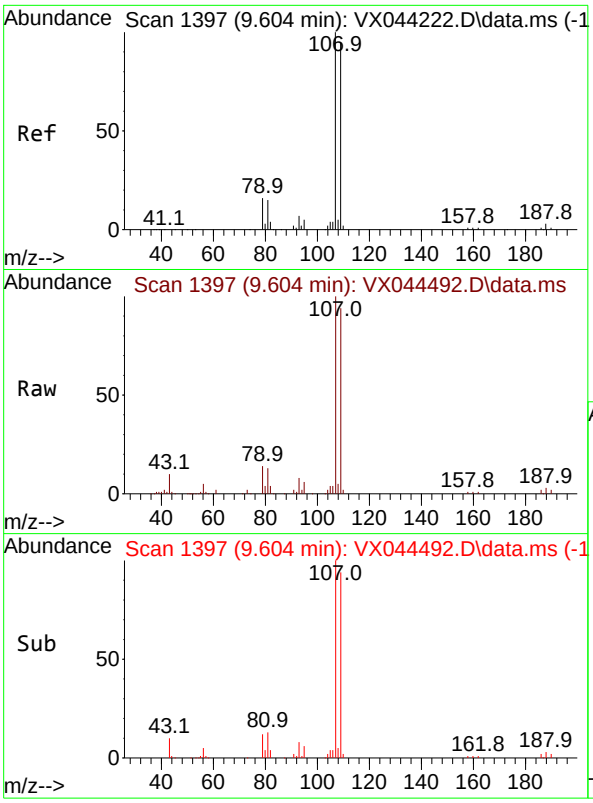


#60
Dibromochloromethane
Concen: 48.943 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:129 Resp: 81910

Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.5	115.3



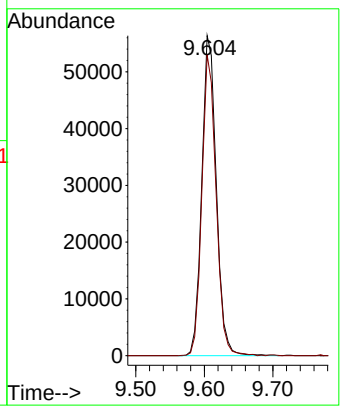


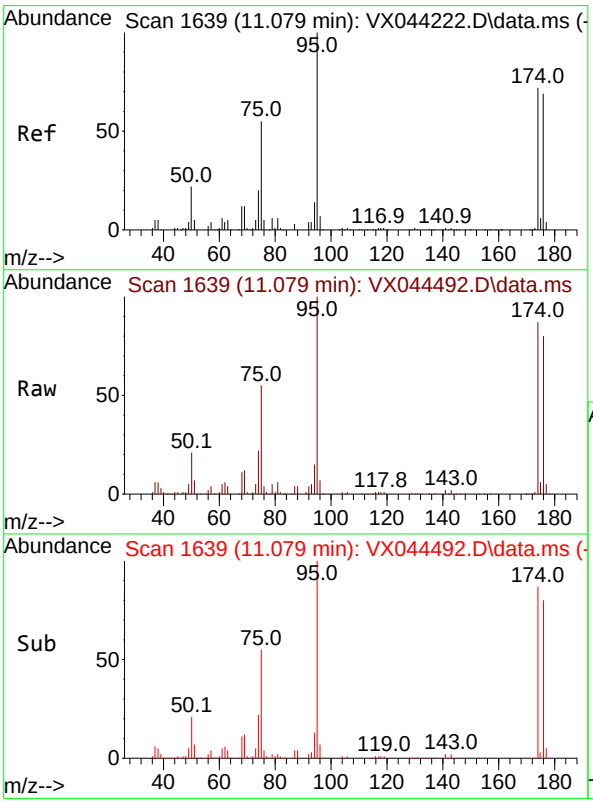
#61
1,2-Dibromoethane
Concen: 51.675 ug/l
RT: 9.604 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 83250

Ion	Ratio	Lower	Upper
107	100		
109	92.1	77.0	115.4

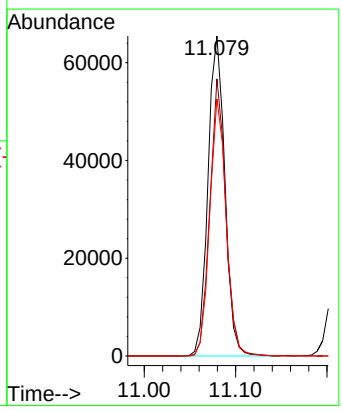


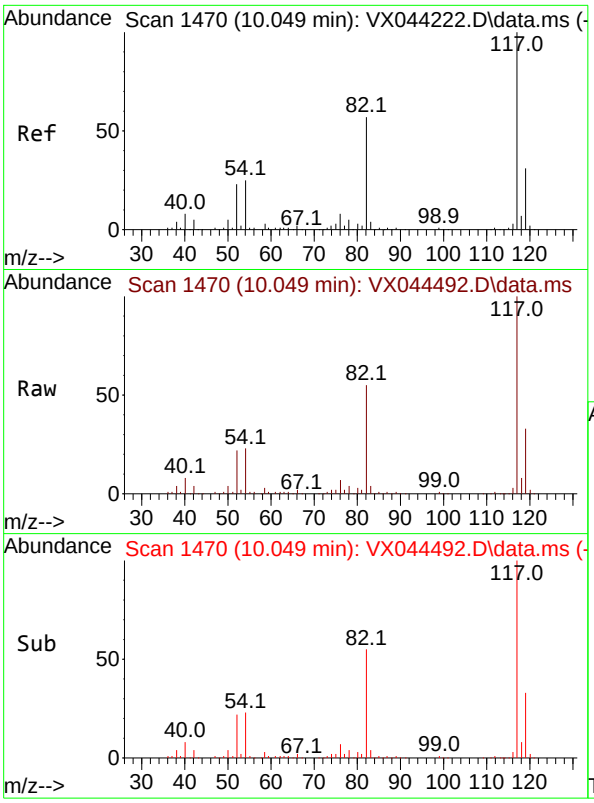


#62
4-Bromofluorobenzene
Concen: 43.908 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 95 Resp: 83671

Ion	Ratio	Lower	Upper
95	100		
174	81.4	0.0	145.8
176	78.5	0.0	137.8



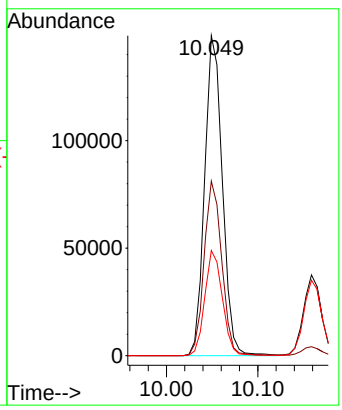


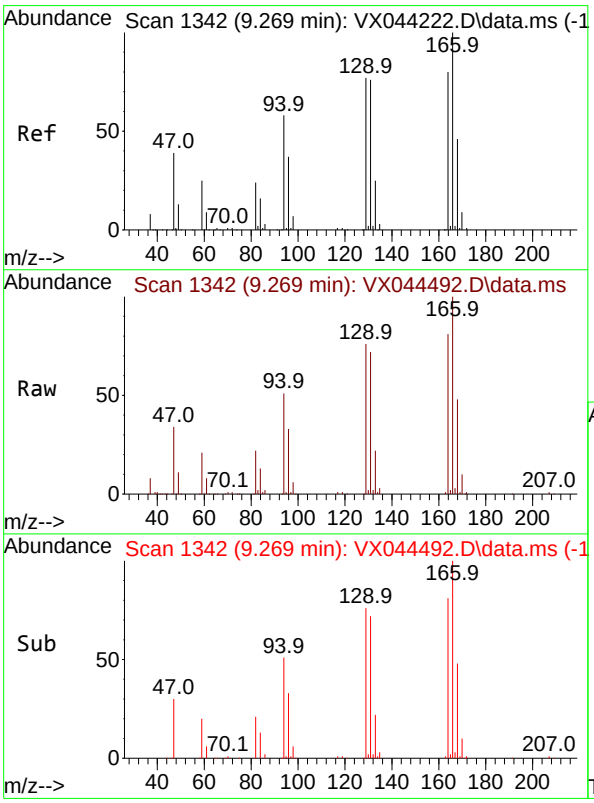
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 200491

Ion	Ratio	Lower	Upper
117	100		
82	54.5	45.8	68.8
119	32.8	25.0	37.4

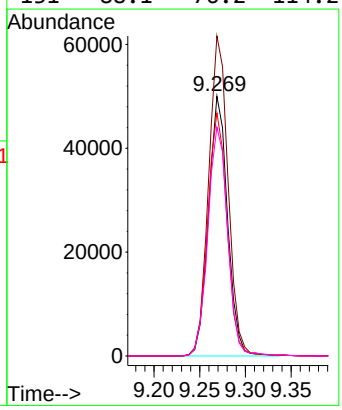


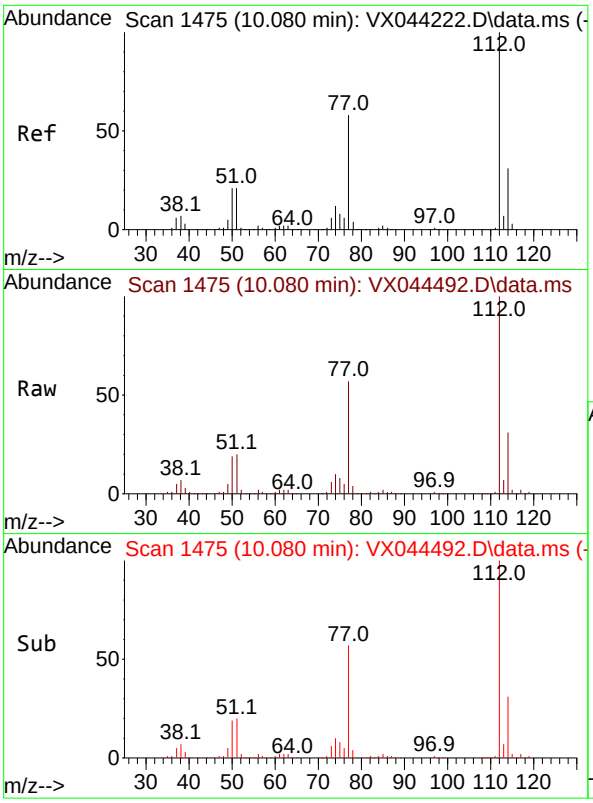


#64
Tetrachloroethene
Concen: 54.558 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:164 Resp: 72600

Ion	Ratio	Lower	Upper
164	100		
166	123.2	100.4	150.6
129	93.6	77.2	115.8
131	88.1	76.2	114.2



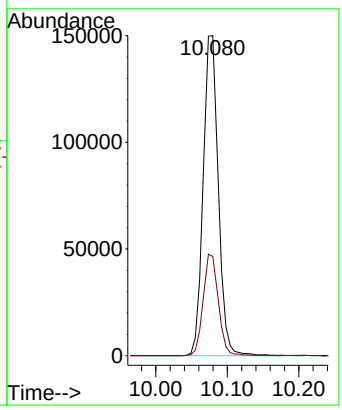


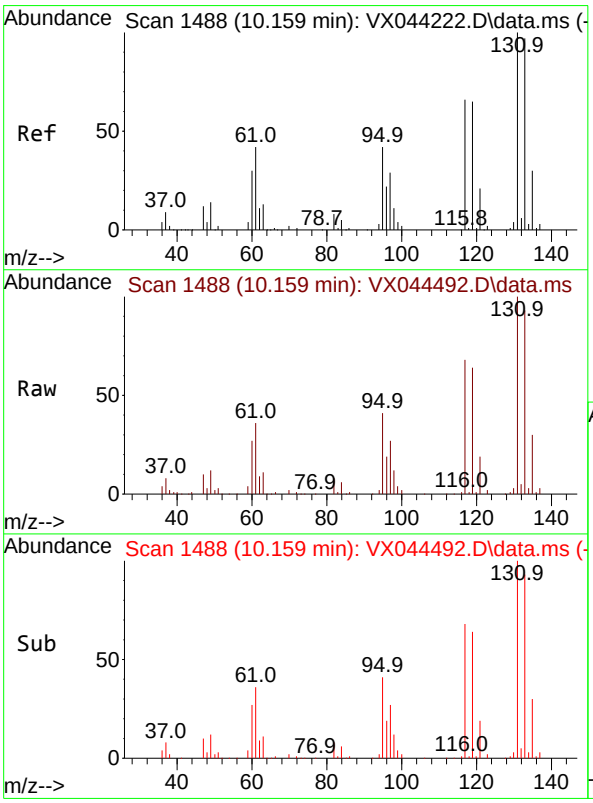
#65
Chlorobenzene
Concen: 51.470 ug/l
RT: 10.080 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 221119

Ion	Ratio	Lower	Upper
112	100		
114	31.0	25.0	37.6

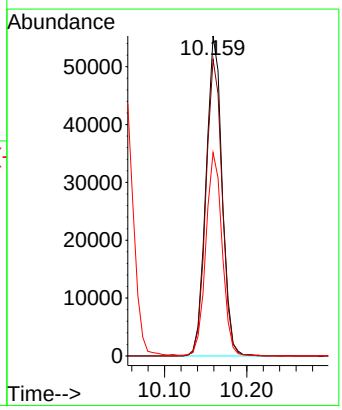


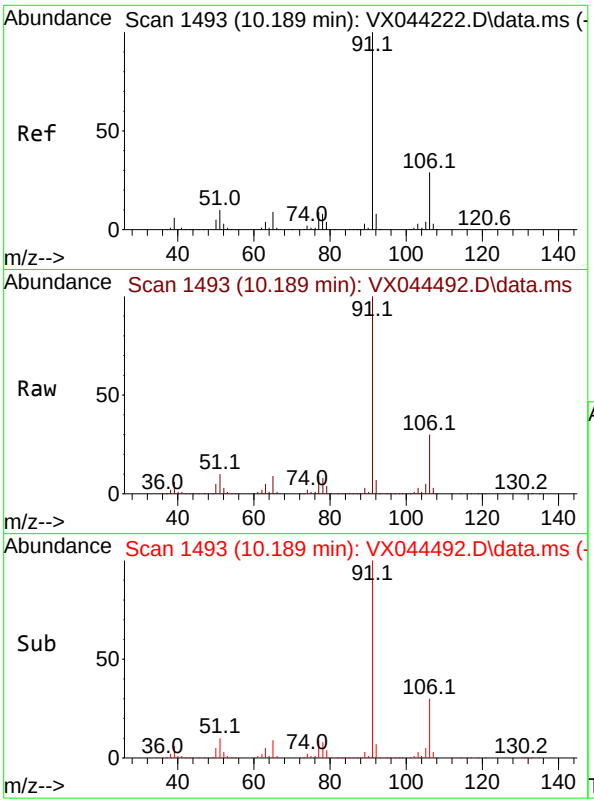


#66
1,1,1,2-Tetrachloroethane
Concen: 54.615 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:131 Resp: 75407

Ion	Ratio	Lower	Upper
131	100		
133	93.5	47.3	141.8
119	64.0	31.6	95.0



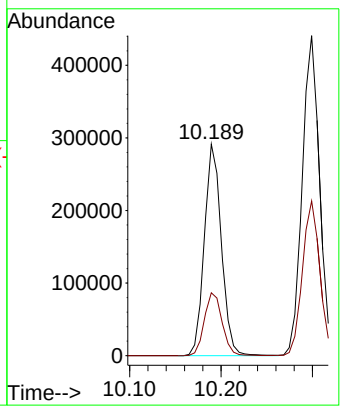


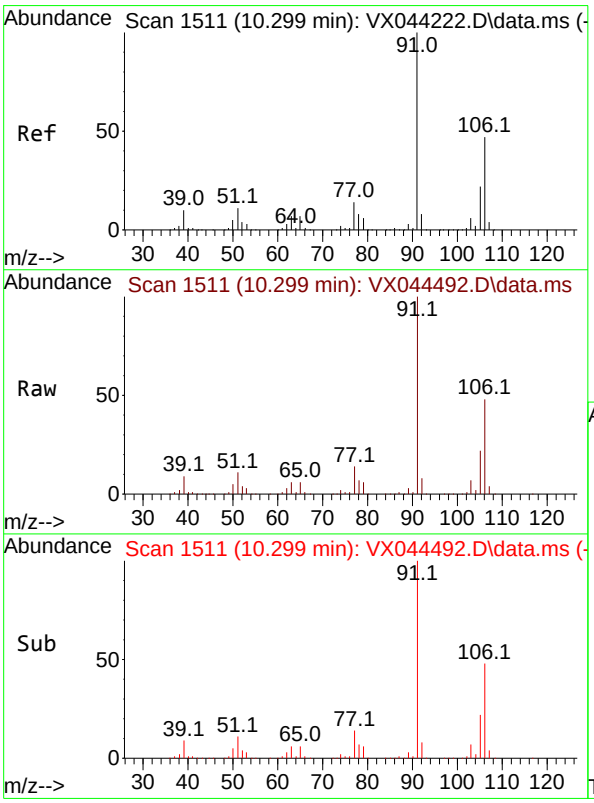
#67
Ethyl Benzene
Concen: 50.731 ug/l
RT: 10.189 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 376573

Ion	Ratio	Lower	Upper
91	100		
106	29.7	23.5	35.3

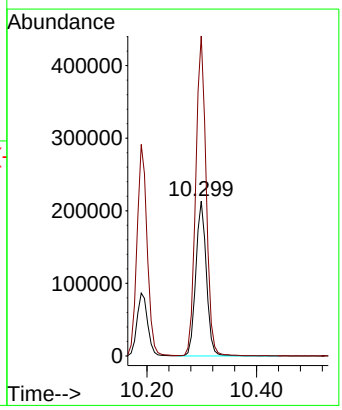


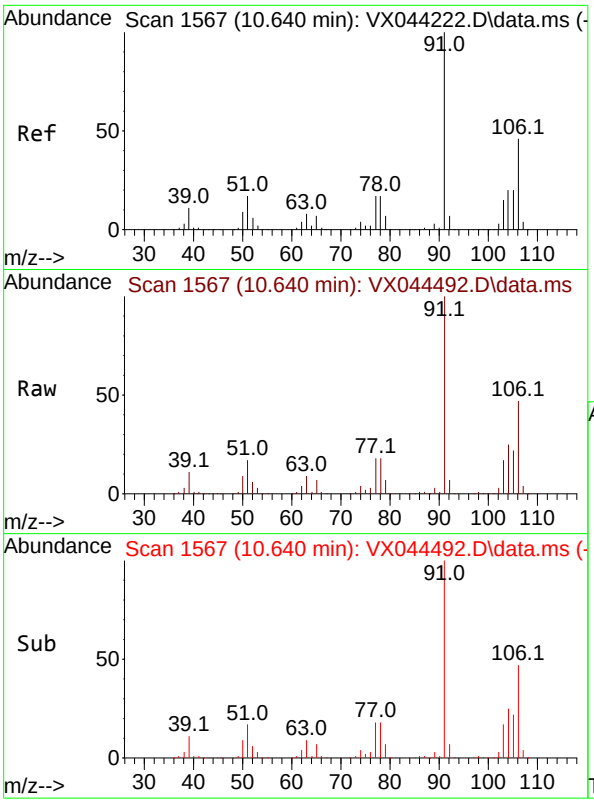


#68
m/p-Xylenes
Concen: 105.040 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:106 Resp: 286106

Ion	Ratio	Lower	Upper
106	100		
91	203.9	170.2	255.2



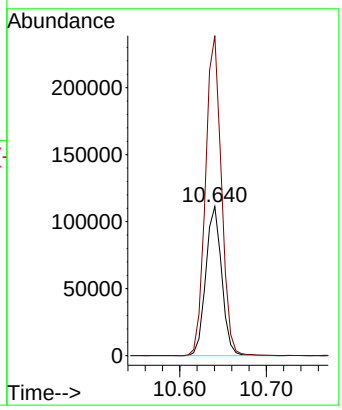


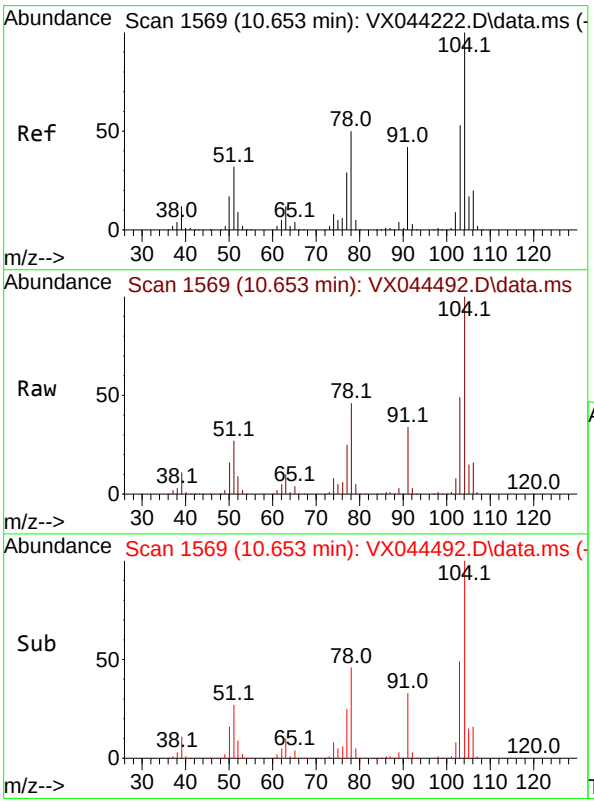
#69
o-Xylene
Concen: 51.527 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 142004

Ion	Ratio	Lower	Upper
106	100		
91	215.0	112.3	337.0

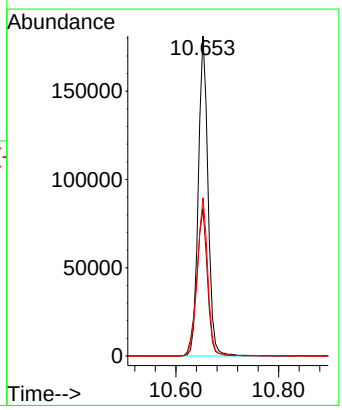


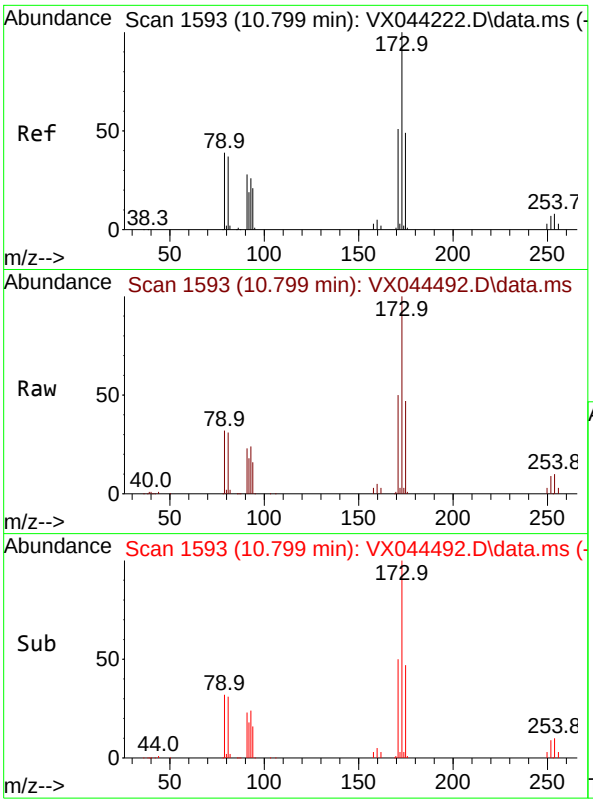


#70
Styrene
Concen: 53.584 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:104 Resp: 236734

Ion	Ratio	Lower	Upper
104	100		
78	51.2	44.6	67.0
103	53.6	45.4	68.0



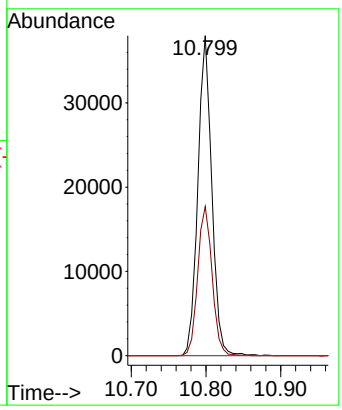


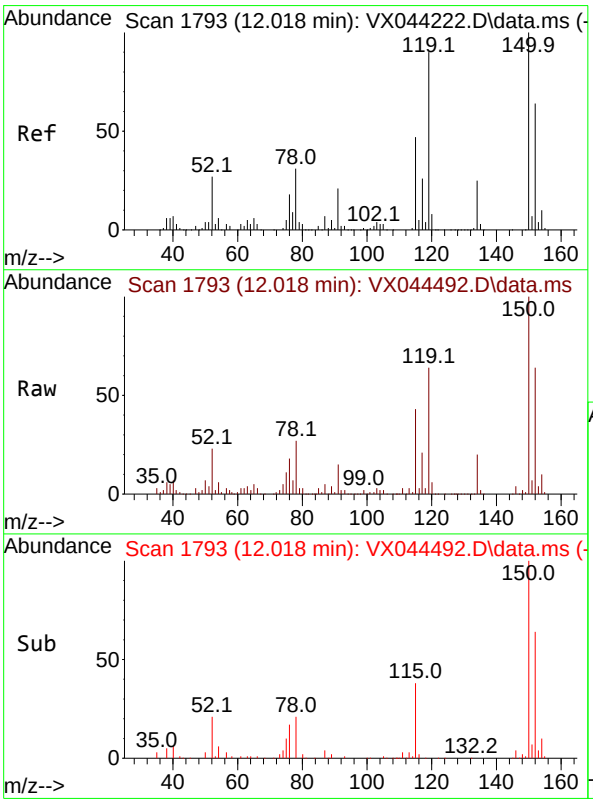
#71
Bromoform
Concen: 50.746 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 49054

Ion	Ratio	Lower	Upper
173	100		
175	48.3	23.8	71.4
254	0.0	0.0	0.0

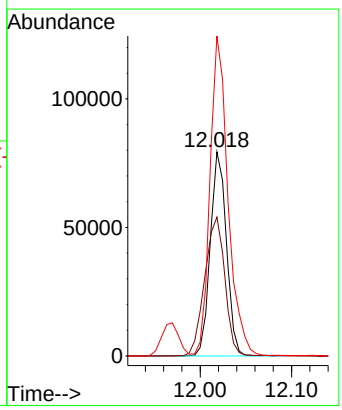


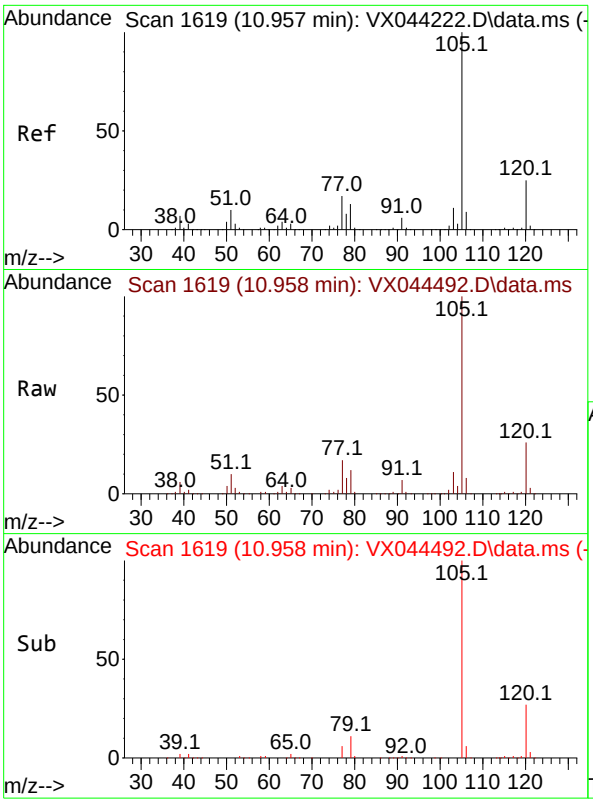


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:152 Resp: 97321

Ion	Ratio	Lower	Upper
152	100		
115	84.8	44.5	133.3
150	174.1	0.0	353.8



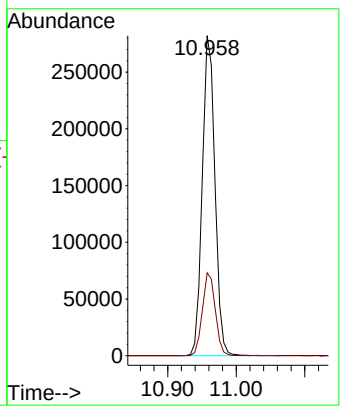


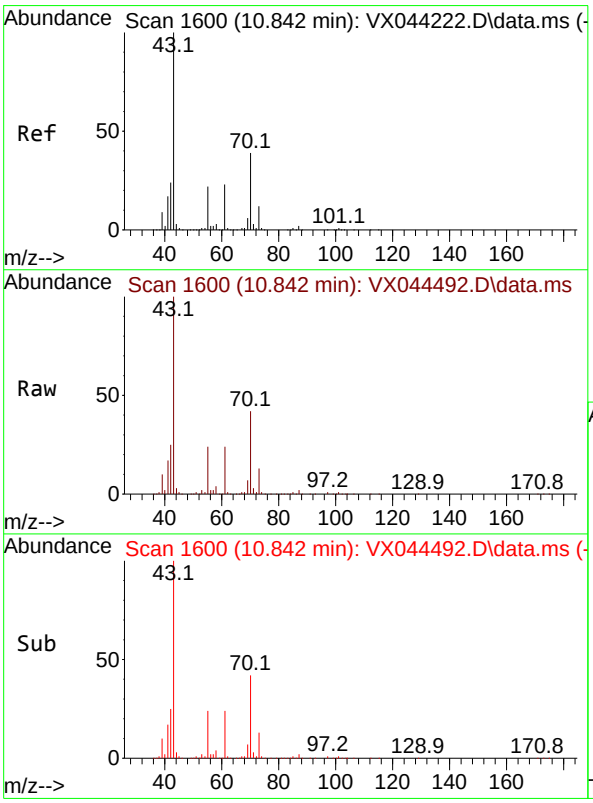
#73
Isopropylbenzene
Concen: 48.696 ug/l
RT: 10.958 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 362803

Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.1	39.3

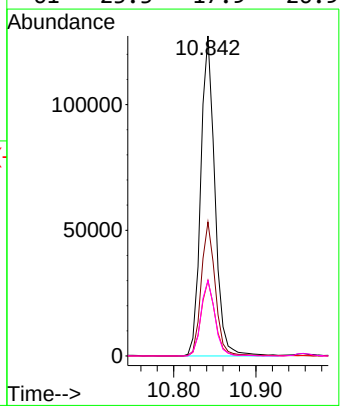


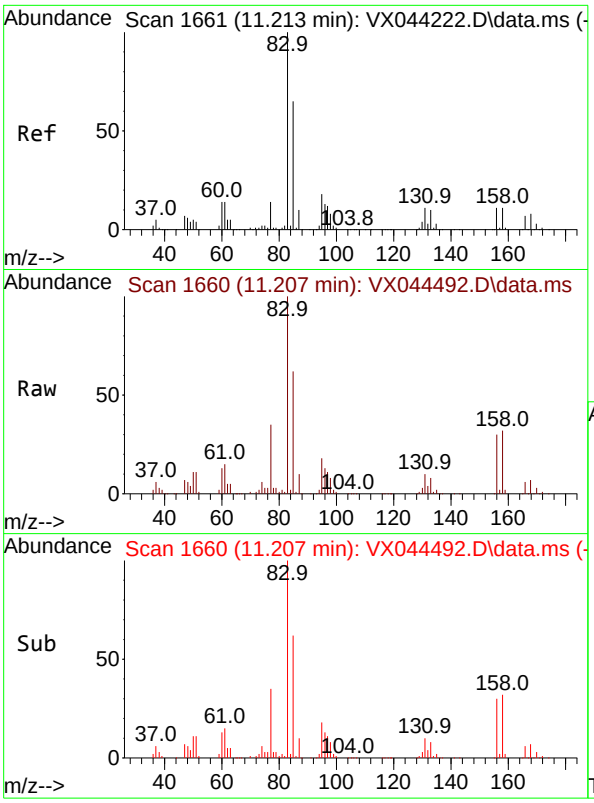


#74
N-amyl acetate
Concen: 44.229 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 43 Resp: 152291

Ion	Ratio	Lower	Upper
43	100		
70	41.4	31.9	47.9
55	23.5	17.9	26.9
61	23.3	17.9	26.9



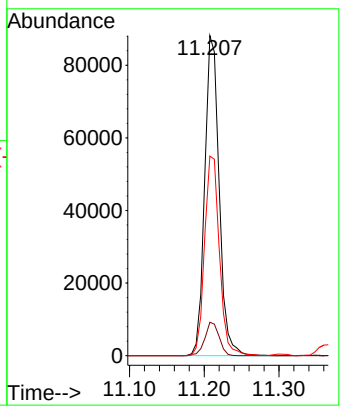


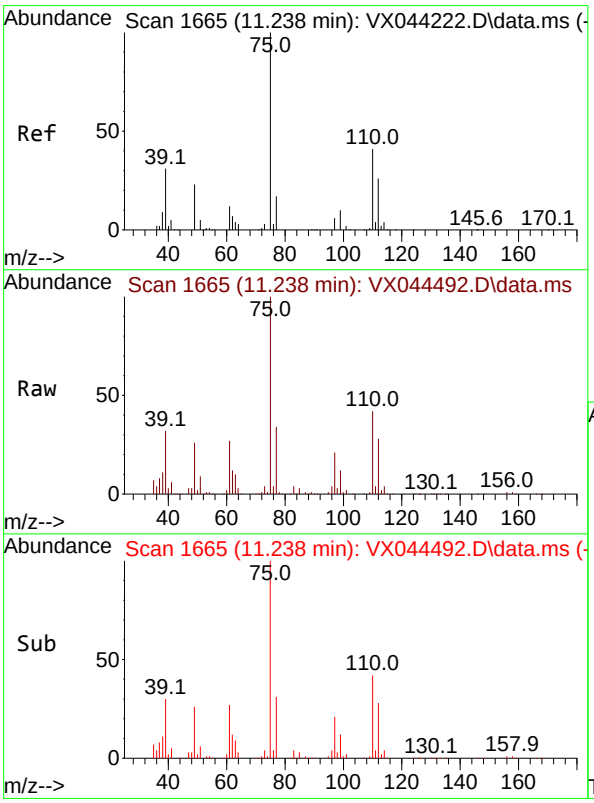
#75
1,1,2,2-Tetrachloroethane
Concen: 45.716 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 118300

Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.1	15.4
85	64.2	32.5	97.4

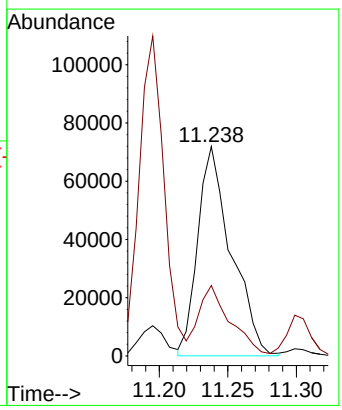


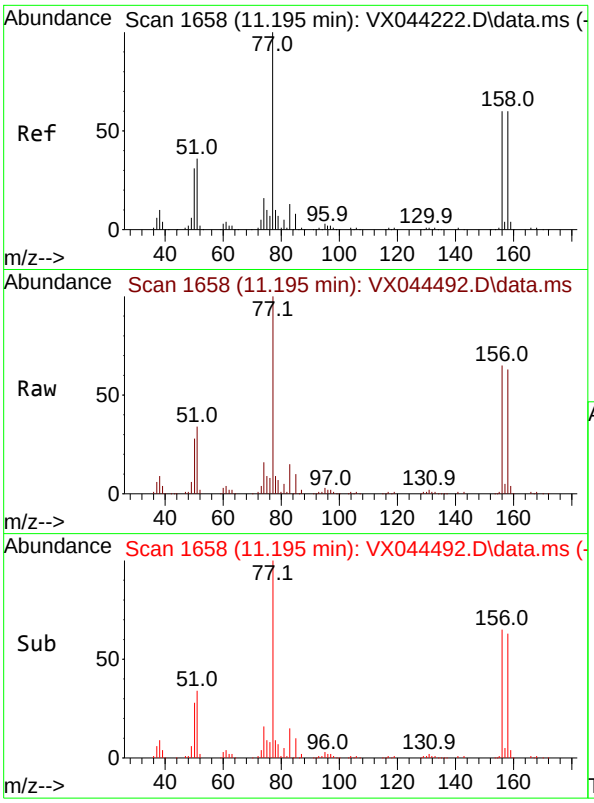


#76
1,2,3-Trichloropropane
Concen: 56.359 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 75 Resp: 122464

Ion	Ratio	Lower	Upper
75	100		
77	31.7	20.9	62.7



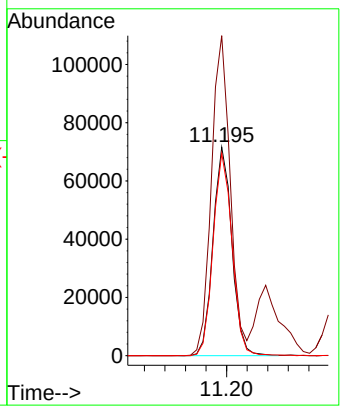


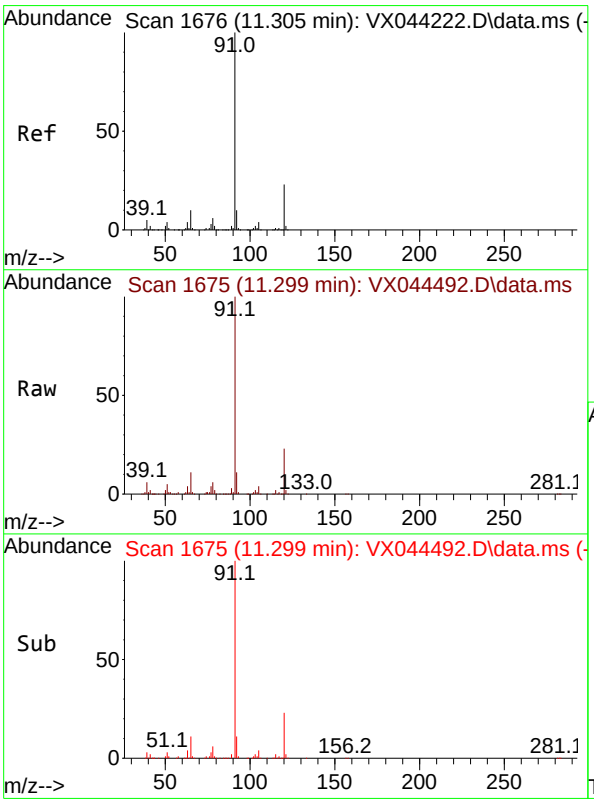
#77
Bromobenzene
Concen: 50.455 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 91156

Ion	Ratio	Lower	Upper
156	100		
77	153.3	82.6	247.8
158	97.5	48.8	146.4

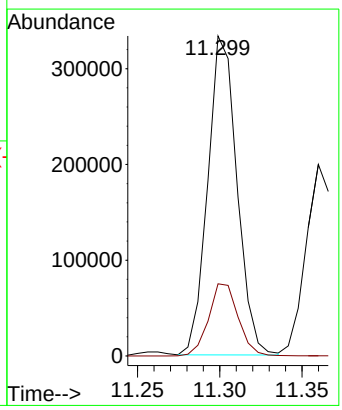


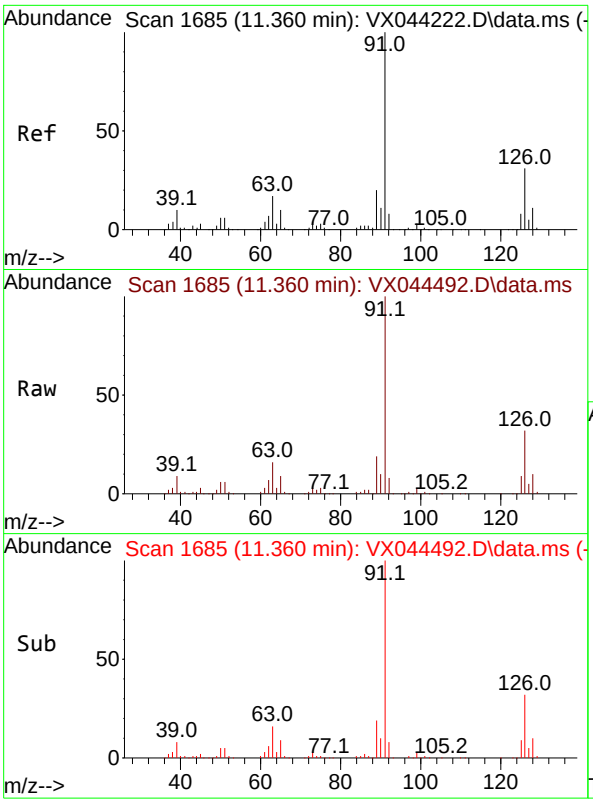


#78
n-propylbenzene
Concen: 50.048 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 91 Resp: 412127

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.0	33.0



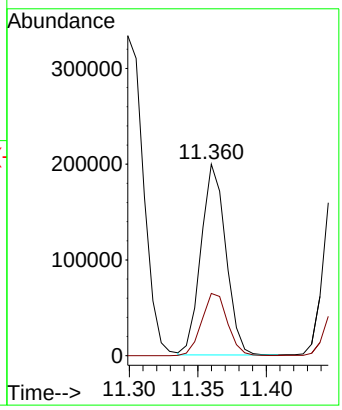


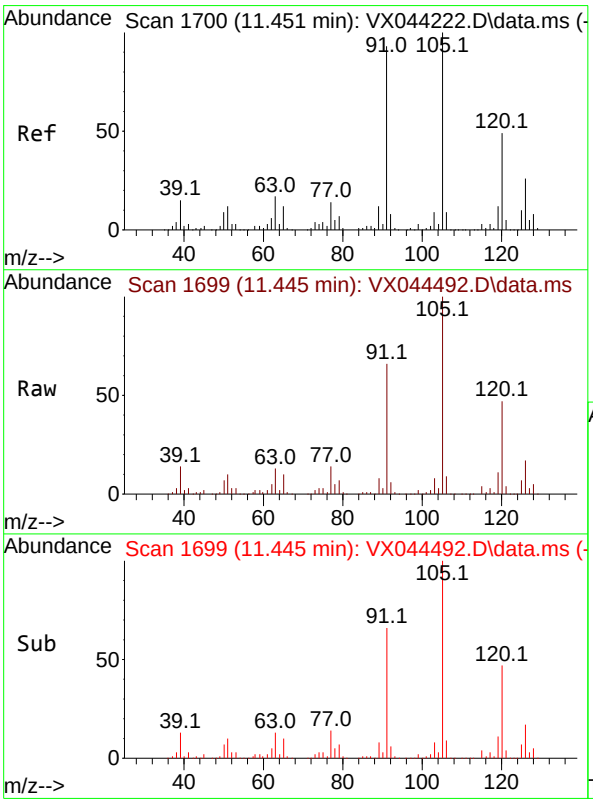
#79
2-Chlorotoluene
Concen: 47.209 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 251412

Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.4	49.1

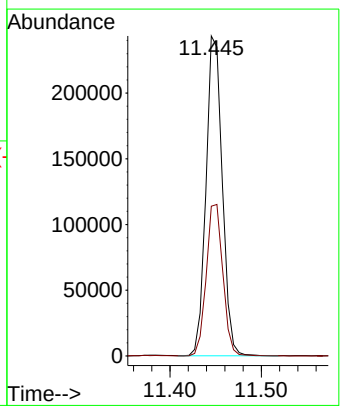


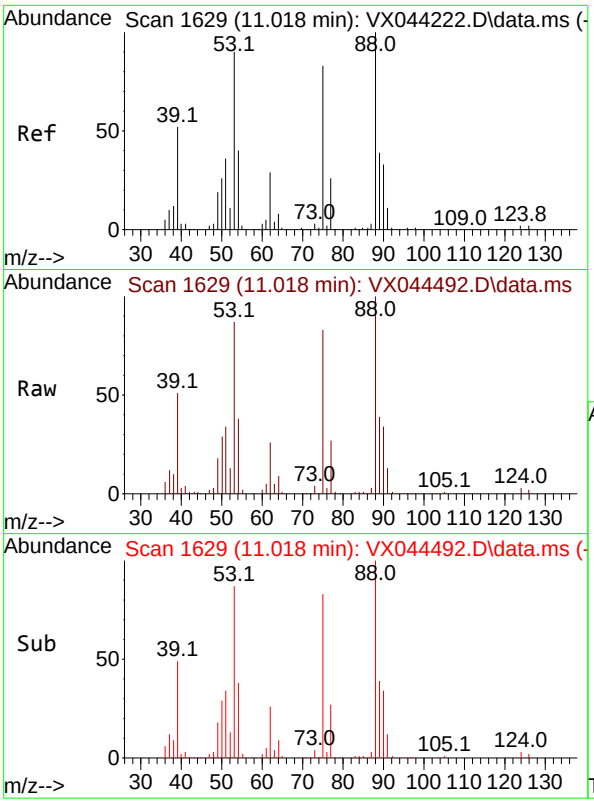


#80
1,3,5-Trimethylbenzene
Concen: 48.618 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:105 Resp: 300384

Ion	Ratio	Lower	Upper
105	100		
120	48.4	23.8	71.4



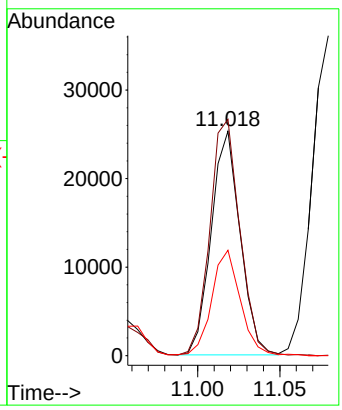


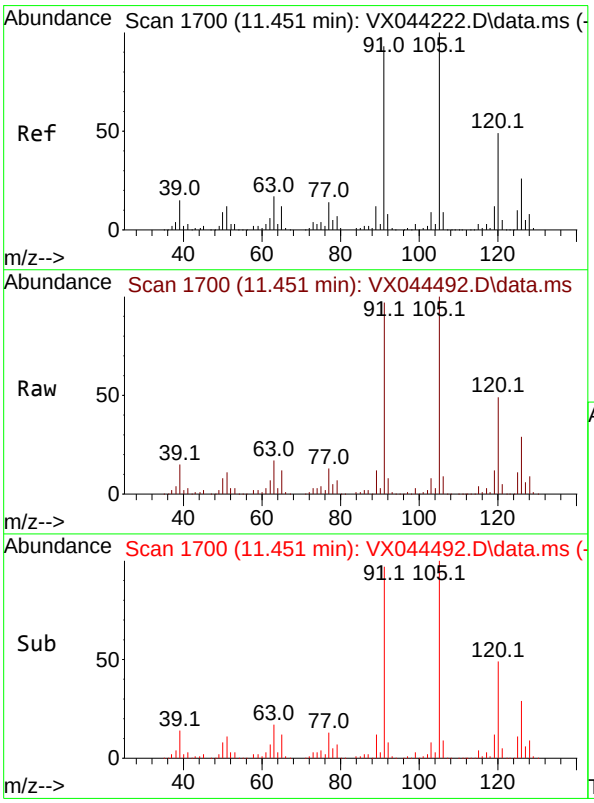
#81
trans-1,4-Dichloro-2-butene
Concen: 41.730 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 30857

Ion	Ratio	Lower	Upper
75	100		
53	110.0	93.6	140.4
89	47.2	37.3	55.9

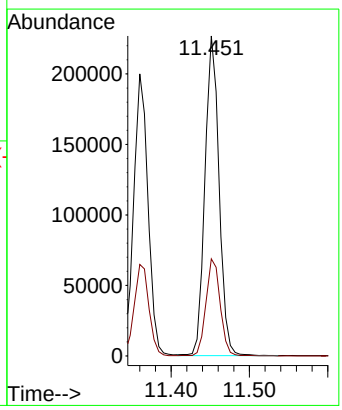


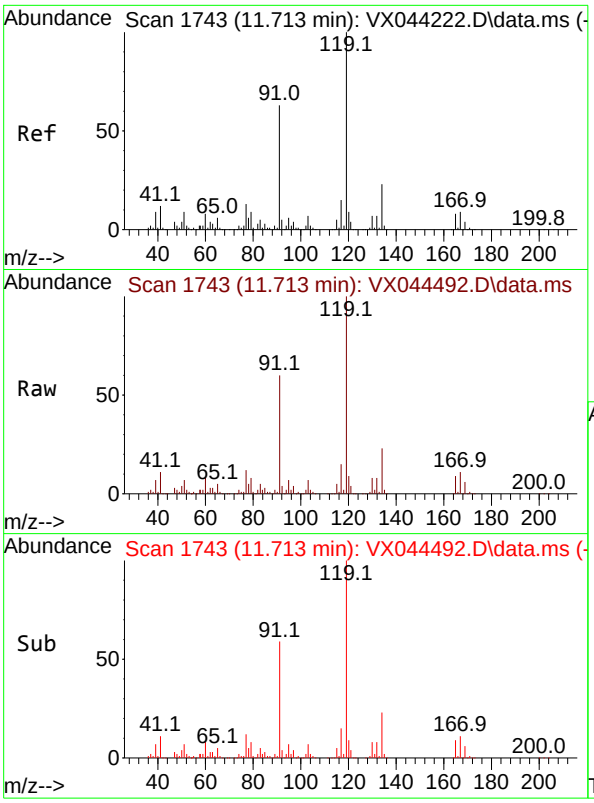


#82
4-Chlorotoluene
Concen: 48.094 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 91 Resp: 283625

Ion	Ratio	Lower	Upper
91	100		
126	30.7	14.5	43.5



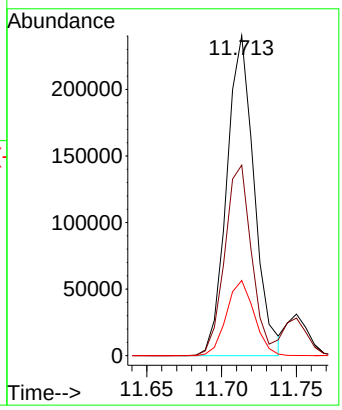


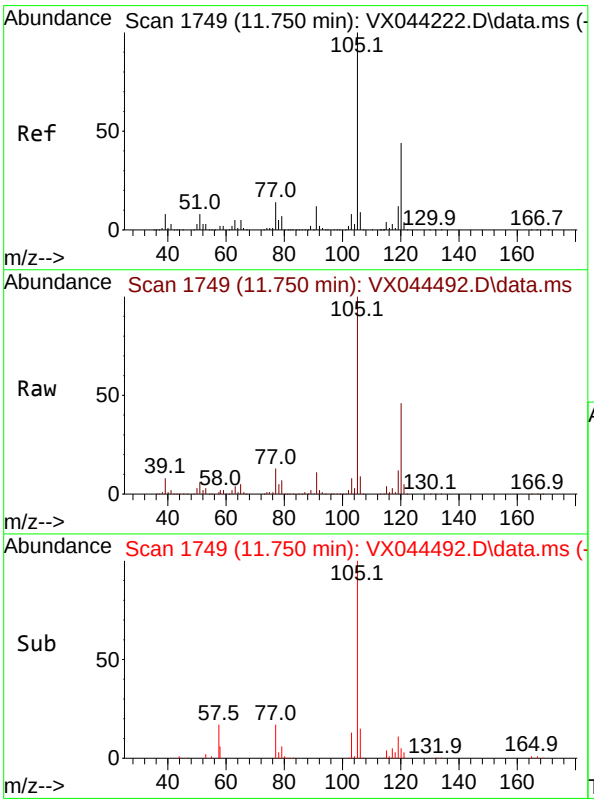
#83
tert-Butylbenzene
Concen: 50.203 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 306541

Ion	Ratio	Lower	Upper
119	100		
91	58.2	30.9	92.5
134	23.8	11.5	34.4

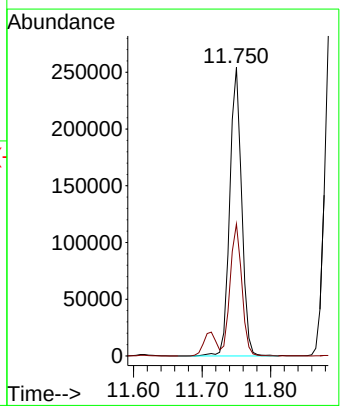


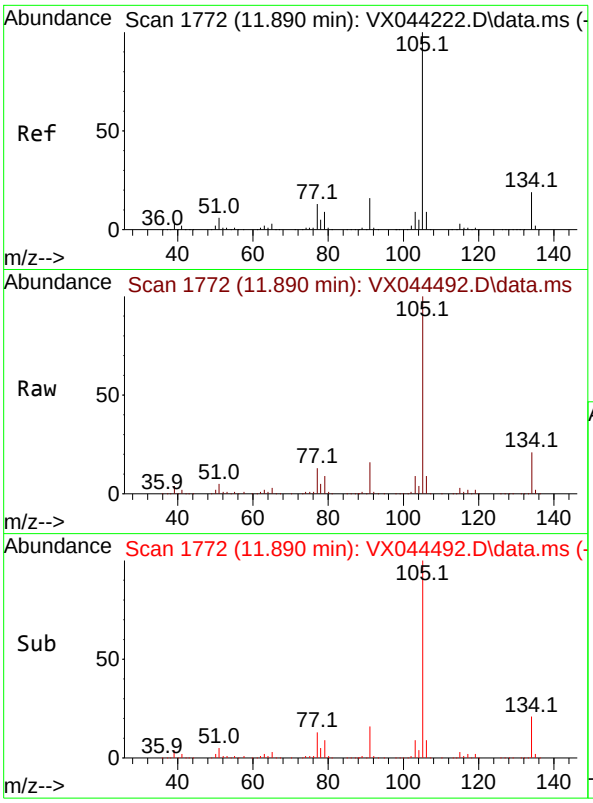


#84
1,2,4-Trimethylbenzene
Concen: 50.368 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:105 Resp: 305617

Ion	Ratio	Lower	Upper
105	100		
120	45.0	21.7	65.1



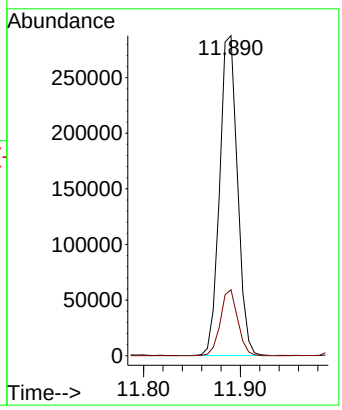


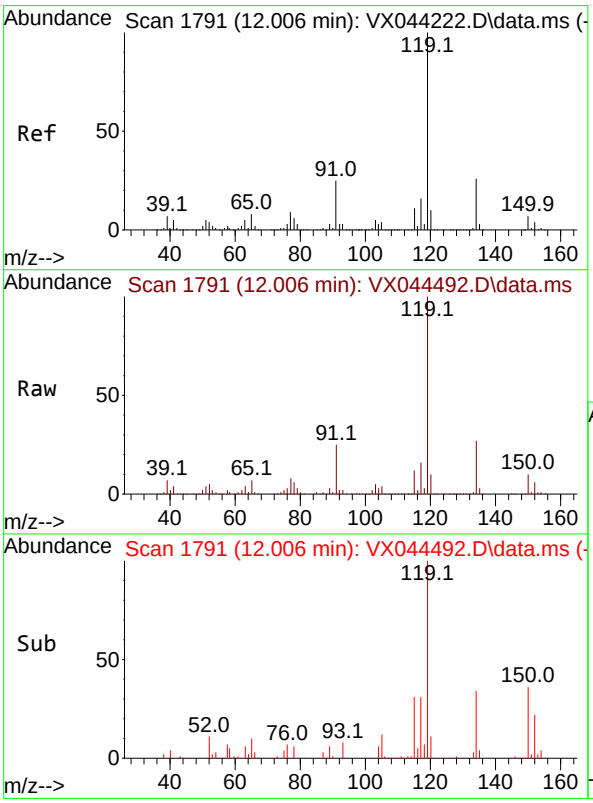
#85
sec-Butylbenzene
Concen: 49.579 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 367512

Ion	Ratio	Lower	Upper
105	100		
134	20.1	9.8	29.4

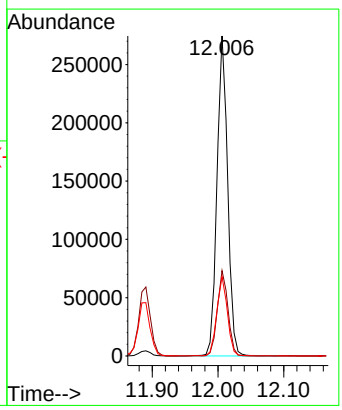


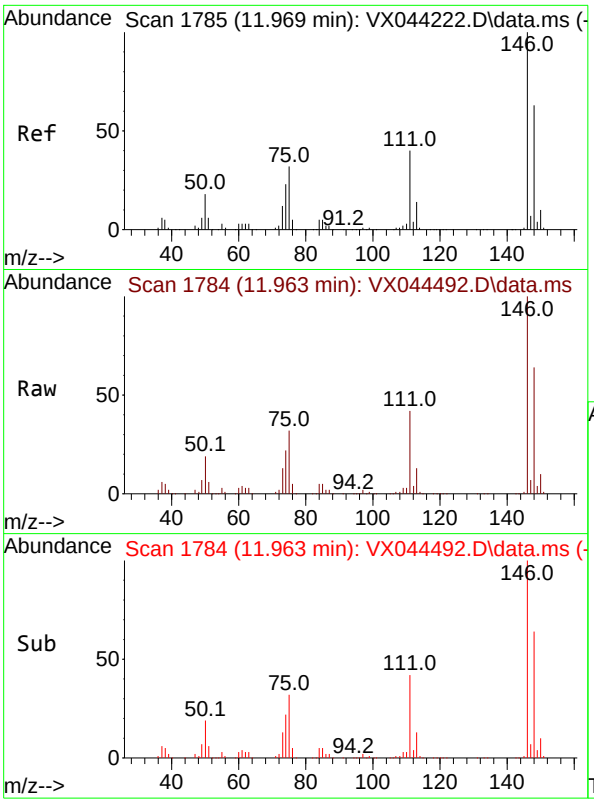


#86
p-Isopropyltoluene
Concen: 50.162 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:119 Resp: 309480

Ion	Ratio	Lower	Upper
119	100		
134	26.7	12.8	38.4
91	24.7	13.0	39.0



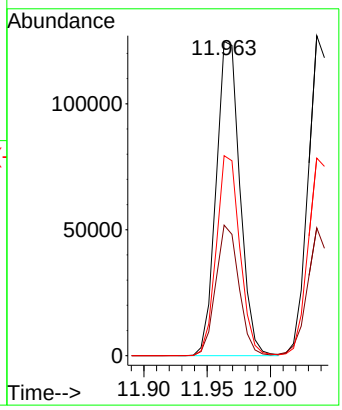


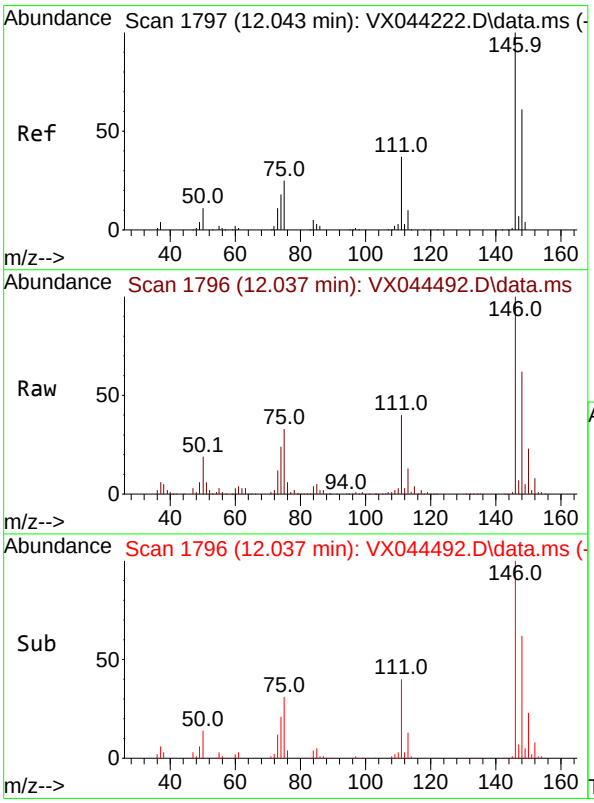
#87
1,3-Dichlorobenzene
Concen: 51.562 ug/l
RT: 11.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 162721

Ion	Ratio	Lower	Upper
146	100		
111	40.6	21.4	64.2
148	63.1	31.7	95.1

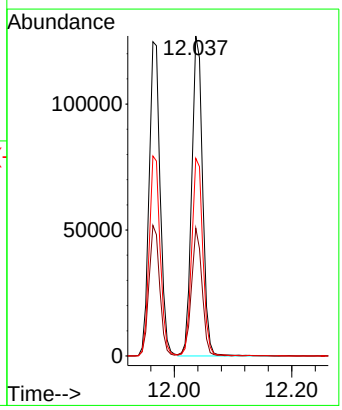


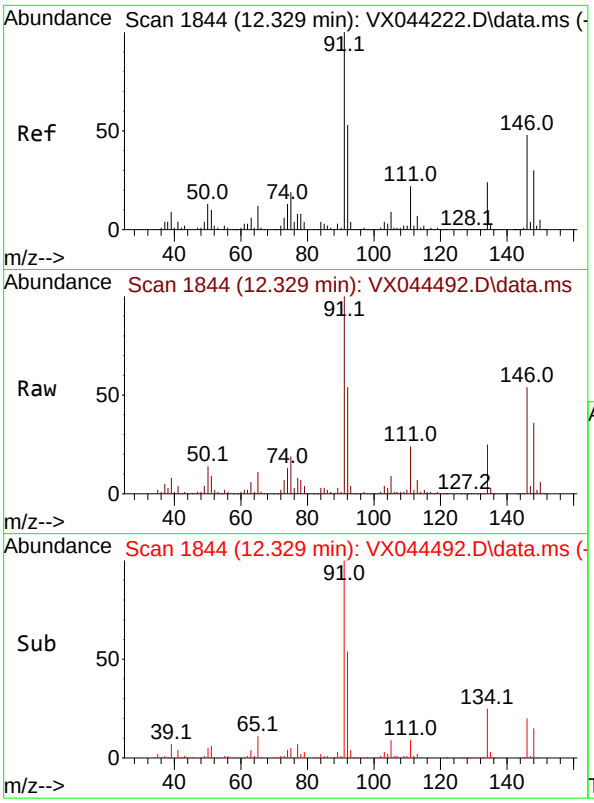


#88
1,4-Dichlorobenzene
Concen: 50.314 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:146 Resp: 163225

Ion	Ratio	Lower	Upper
146	100		
111	39.0	21.0	63.0
148	62.6	32.3	96.8



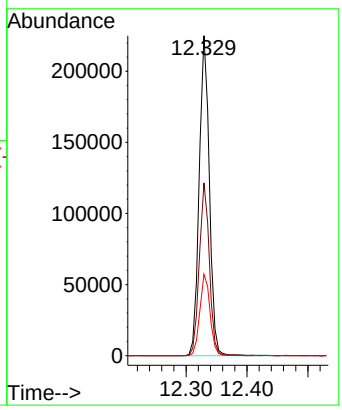


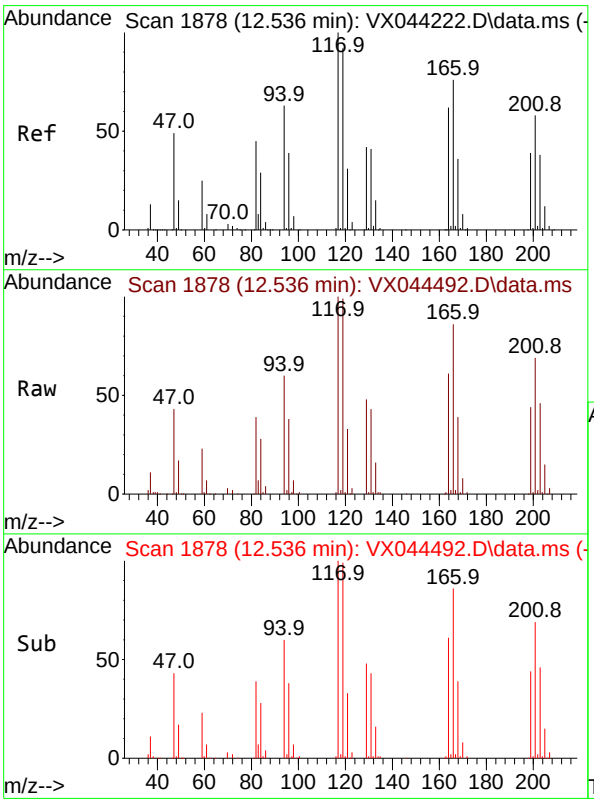
#89
n-Butylbenzene
Concen: 50.094 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 259880

Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.6	79.7
134	25.7	12.6	37.8

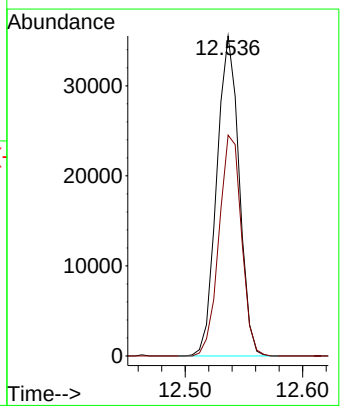


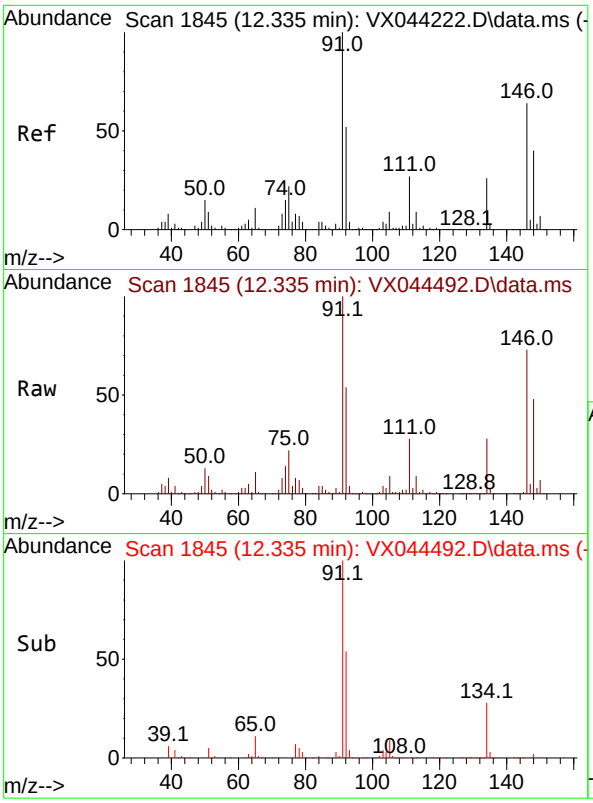


#90
Hexachloroethane
Concen: 52.126 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:117 Resp: 46945

Ion	Ratio	Lower	Upper
117	100		
201	69.5	31.4	94.2



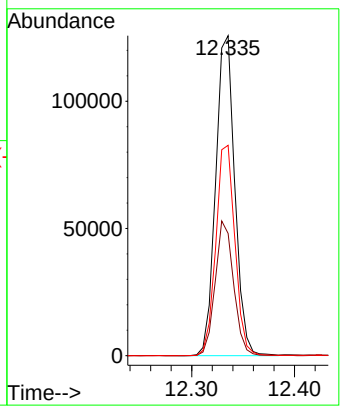


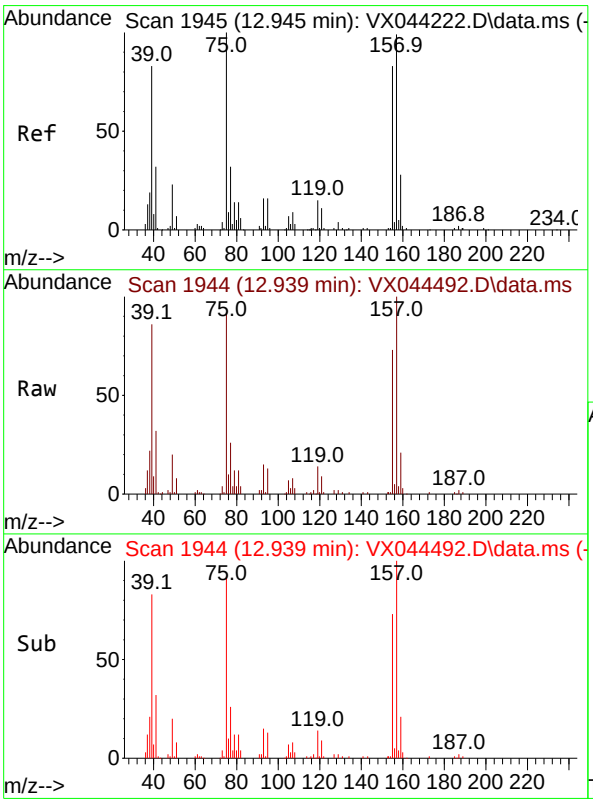
#91
1,2-Dichlorobenzene
Concen: 49.511 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 162236

Ion	Ratio	Lower	Upper
146	100		
111	40.7	21.4	64.3
148	65.8	31.6	95.0

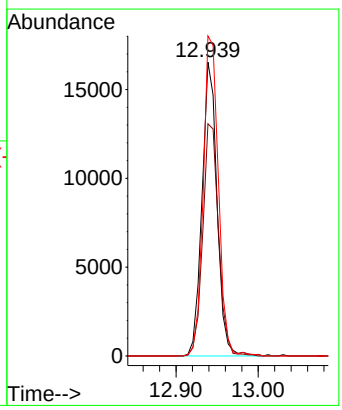


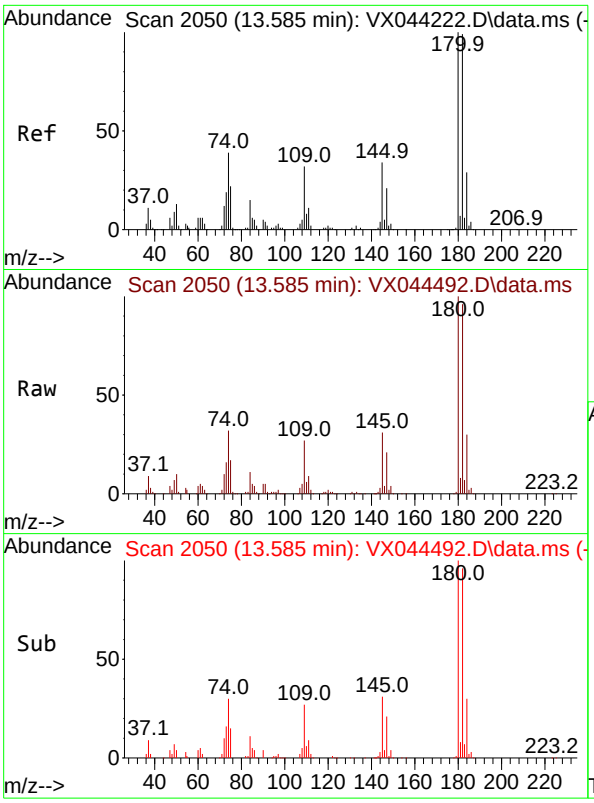


#92
1,2-Dibromo-3-Chloropropane
Concen: 41.860 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 75 Resp: 21028

Ion	Ratio	Lower	Upper
75	100		
155	82.7	38.1	114.3
157	110.0	47.2	141.6



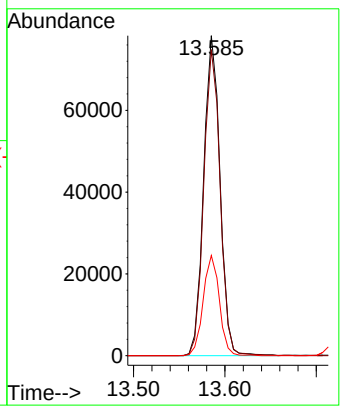


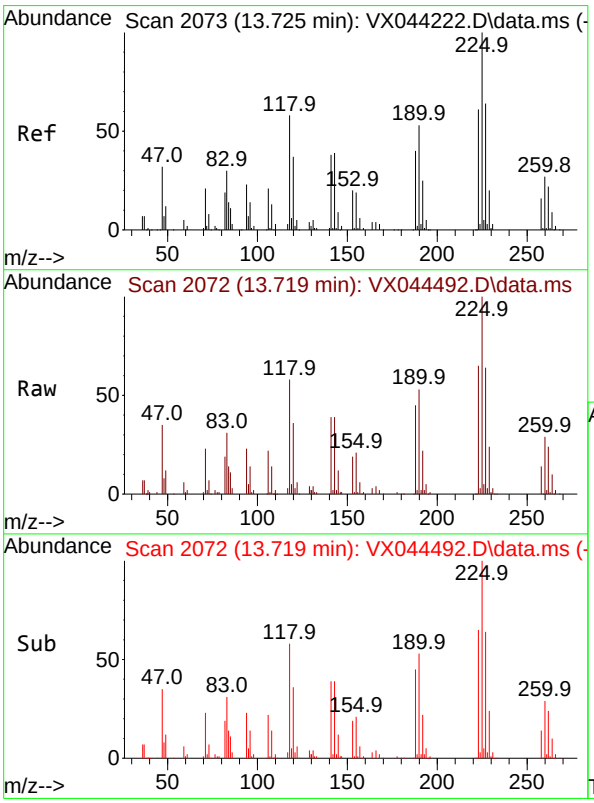
#93
1,2,4-Trichlorobenzene
Concen: 54.137 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 97256

Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.0	144.2
145	31.0	16.6	49.7

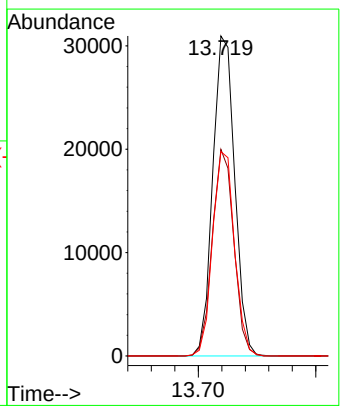


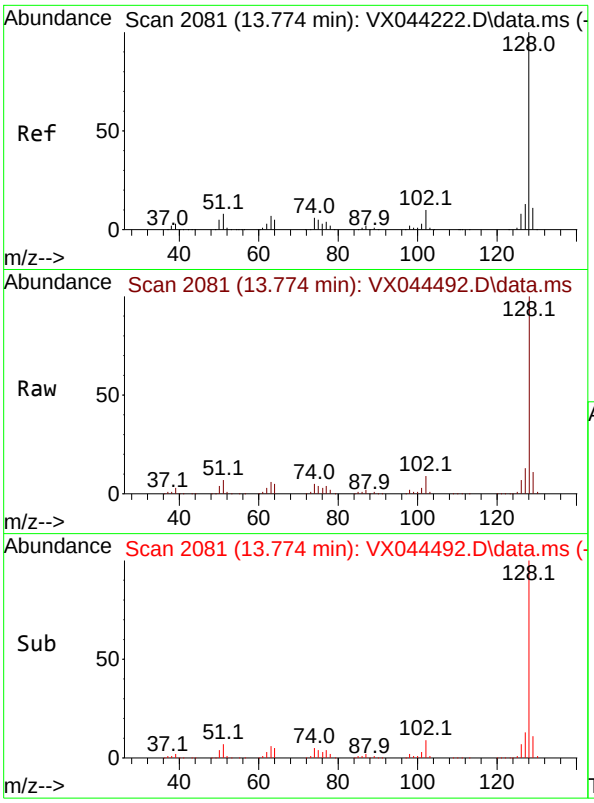


#94
Hexachlorobutadiene
Concen: 55.660 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:225 Resp: 40220

Ion	Ratio	Lower	Upper
225	100		
223	63.2	30.8	92.4
227	63.8	32.1	96.3



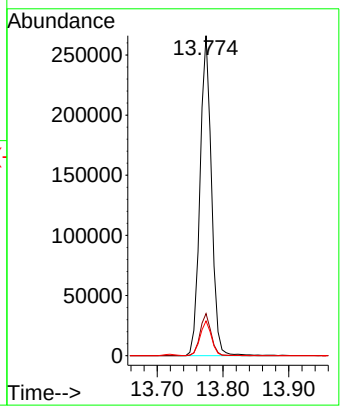


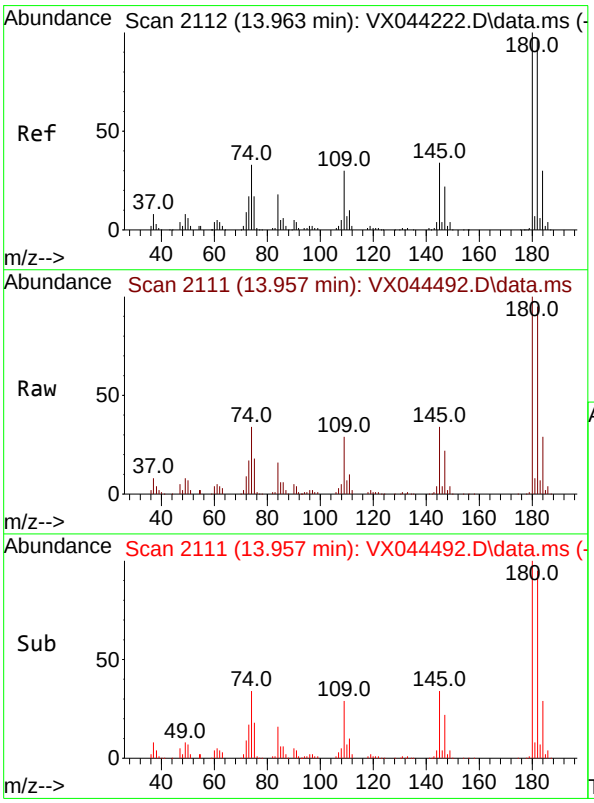
#95
Naphthalene
Concen: 45.897 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 321843

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	10.8	9.0	13.4





#96
1,2,3-Trichlorobenzene
Concen: 52.126 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:180 Resp: 99323

Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.0	144.0
145	33.3	17.7	53.1

