284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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DATA PACKAGE

VOLATILE ORGANICS

PROJECT NAME : RAYMARK SUPERFUND SITE

NOBIS GROUP

585 Middlesex Street

Lowell, MA - 01851

Phone No: 978-683-0891

ORDER ID : Q1383

ATTENTION : Adam Roy

Laboratory Certification ID # 20012

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Cover Page

Order ID : Q1383

Project ID : Raymark Superfund Site

Client : Nobis Group

Lab Sample Number	Client Sample Number
Q1383-01	OU4-PCS-TC-11-021725
Q1383-02	OU4-PCS-TC-11-021725
Q1383-03	OU4-PCS-TC-12-021725
Q1383-04	OU4-PCS-TC-12-021725
Q1383-05	OU4-PCS-TC-13-021725
Q1383-06	OU4-PCS-TC-13-021725
Q1383-07	OU4-PCS-TC-14-021725
Q1383-08	OU4-PCS-TC-14-021725
Q1383-09	OU4-PCS-TC-15-021725
Q1383-10	OU4-PCS-TC-15-021725
Q1383-11	OU4-PCS-TC-16-021725
Q1383-12	OU4-PCS-TC-16-021725
Q1383-13	OU4-PCS-TC-17-021725
Q1383-14	OU4-PCS-TC-17-021725
Q1383-15	OU4-PCS-TC-18-021725
Q1383-16	OU4-PCS-TC-18-021725
Q1383-17	OU4-PCS-TC-19-021725
Q1383-18	OU4-PCS-TC-19-021725
Q1383-19	OU4-PCS-TC-20-021725
Q1383-20	OU4-PCS-TC-20-021725
Q1383-21	OU4-CF-15-021725
Q1383-22	OU4-CF-15-021725

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: 3/1/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Nobis Group
Project Name: Raymark Superfund Site
Project # N/A
Chemtech Project # Q1383
Test Name: VOCMS Group3

A. Number of Samples and Date of Receipt:
22 Solid samples were received on 02/18/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, Herbicide Group1, Mercury, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, SPLP Extraction, SPLP Mercury, SPLP MetalGroup3, SVOCMS Group3 and VOCMS Group3. This data package contains results for VOCMS Group3.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_Y were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #138 68.The analysis of VOCMS Group3 was based on method 8260D.

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

The Blank Spike for {VY0221SBS01} with File ID: VY021277.D met requirements for all samples except for Chloroethane[140%], Chloromethane[148%] and Vinyl chloride[141%] are failing high but no positive hit in associate samples therefore no corrective action taken.

The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.
The Continuous Calibration File ID VY021275.D met the requirements except for Chloroethane is failing high but no positive hit in associate samples therefore no corrective action taken.

The Tuning criteria met requirements.

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E. Additional Comments:
As per special requirement for this project form-1 are reported in mg/kg.
Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

The SDG Q1383 is logged for VOCMS group3. Lab is not certified for Tetrahydrofuran and trans-1,4-dichloro-2-butene compounds for 8260D method.

Trip Blank was not provided with this set of samples.
The not QT review data is reported in the Miscellaneous.
The soil samples results are based on a dry weight basis.

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 p ackage is in compliance with the te rms and conditions of the contract, both technically and for com pleteness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

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DATA REPORTING QUALIFIERS- ORGANIC

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

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

GC/MS VOA CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: Q1383 MATRIX: Solid

METHOD: 8260D

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)			✓
2.	GC/MS Tuning Specifications BFB Meet Criteria (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ)			✓
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 Series.			✓
4.	GC/MS Calibration - Initial Calibration performed before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series.			✓
5.	GC/MS Calibration Requirements. The Initial Calibration met the requirements. The Continuous Calibration File ID VY021275.D met the requirements except for Chloroethane is failing high but no positive hit in associate 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.			✓
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 Blank Spike for {VY0221SBS01} with File ID: VY021277.D met requirements for all samples except for Chloroethane[140%], Chloromethane[148%] and Vinyl chloride[141%] are failing high but no positive hit in associate sample therefore no corrective action taken. The Blank Spike Duplicate met requirements for all samples .		✓	
9.	Internal Standard Area/Retention Time Shift Meet Criteria Comments:			✓
10.	Analysis Holding Time Met If not met, list number of days exceeded for each sample:			✓

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

NA NO YES

ADDITIONAL COMMENTS:

As per special requirement for this project form-1 are reported in mg/kg.

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

The SDG Q1383 is logged for VOCMS group3. Lab is not certified for Tetrahydrofuran and trans-1,4-dichloro-2-butene compounds for 8260D method.

Trip Blank was not provided with this set of samples.

The not QT review data is reported in the Miscellaneous.

The soil samples results are based on a dry weight basis.

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

_____ _____

QA REVIEW Date

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

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1383

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

QA Review Signature: SOHIL JODHANI **Date:** 03/01/2025

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LAB CHRONICLE

OrderID:	Q1383	**OrderDate:**	2/18/2025 11:19:00 AM
Client:	Nobis Group	**Project:**	Raymark Superfund Site
Contact:	Adam Roy	**Location:**	H31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1383-01	**OU4-PCS-TC-11-021725**	**SOIL**			**02/17/25**			**02/18/25**
			VOCMS Group3	8260D			02/21/25	
Q1383-03	**OU4-PCS-TC-12-021725**	**SOIL**			**02/17/25**			**02/18/25**
			VOCMS Group3	8260D			02/21/25	
Q1383-05	**OU4-PCS-TC-13-021725**	**SOIL**			**02/17/25**			**02/18/25**
			VOCMS Group3	8260D			02/21/25	
Q1383-07	**OU4-PCS-TC-14-021725**	**SOIL**			**02/17/25**			**02/18/25**
			VOCMS Group3	8260D			02/21/25	
Q1383-09	**OU4-PCS-TC-15-021725**	**SOIL**			**02/17/25**			**02/18/25**
			VOCMS Group3	8260D			02/26/25	
Q1383-11	**OU4-PCS-TC-16-021725**	**SOIL**			**02/17/25**			**02/18/25**
			VOCMS Group3	8260D			02/21/25	
Q1383-13	**OU4-PCS-TC-17-021725**	**SOIL**			**02/17/25**			**02/18/25**
			VOCMS Group3	8260D			02/21/25	
Q1383-15	**OU4-PCS-TC-18-021725**	**SOIL**			**02/17/25**			**02/18/25**
			VOCMS Group3	8260D			02/21/25	
Q1383-17	**OU4-PCS-TC-19-021725**	**SOIL**			**02/17/25**			**02/18/25**
			VOCMS Group3	8260D			02/21/25	

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LAB CHRONICLE

Q1383-19	**OU4-PCS-TC-20-021725**	**SOIL**			**02/17/25**		**02/18/25**
			VOCMS Group3	8260D		02/21/25	
Q1383-21	**OU4-CF-15-021725**	**SOIL**			**02/17/25**		**02/18/25**
			VOCMS Group3	8260D		02/21/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1383

Client: Nobis Group

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:	**OU4-PCS-TC-11-021725**								
Q1383-01	OU4-PCS-TC-11-0[illegible]	SOIL	Acetone	0.050		0.0063	0.020	0.025	mg/Kg
			Total Voc :	0.050					
			Total Concentration:	0.050					
Client ID:	**OU4-PCS-TC-13-021725**								
Q1383-05	OU4-PCS-TC-13-0[illegible]	SOIL	Acetone	0.085		0.0058	0.019	0.023	mg/Kg
			Total Voc :	0.085					
			Total Concentration:	0.085					
Client ID:	**OU4-PCS-TC-14-021725**								
Q1383-07	OU4-PCS-TC-14-0[illegible]	SOIL	Acetone	0.066		0.0061	0.020	0.024	mg/Kg
			Total Voc :	0.066					
			Total Concentration:	0.066					
Client ID:	**OU4-PCS-TC-15-021725**								
Q1383-09	OU4-PCS-TC-15-0[illegible]	SOIL	Acetone	0.032		0.0067	0.021	0.027	mg/Kg
			Total Voc :	0.032					
			Total Concentration:	0.032					
Client ID:	**OU4-PCS-TC-16-021725**								
Q1383-11	OU4-PCS-TC-16-0[illegible]	SOIL	Acetone	0.037		0.0059	0.019	0.024	mg/Kg
			Total Voc :	0.037					
			Total Concentration:	0.037					
Client ID:	**OU4-PCS-TC-18-021725**								
Q1383-15	OU4-PCS-TC-18-0[illegible]	SOIL	Acetone	0.11		0.0059	0.019	0.024	mg/Kg
			Total Voc :	0.11					
			Total Concentration:	0.11					
Client ID:	**OU4-PCS-TC-19-021725**								
Q1383-17	OU4-PCS-TC-19-0[illegible]	SOIL	Acetone	0.057		0.0058	0.019	0.023	mg/Kg
			Total Voc :	0.057					
			Total Concentration:	0.057					
Client ID:	**OU4-PCS-TC-20-021725**								
Q1383-19	OU4-PCS-TC-20-0[illegible]	SOIL	Acetone	0.074		0.0061	0.019	0.024	mg/Kg
			Total Voc :	0.074					
			Total Concentration:	0.074					

QC SUMMARY

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

SDG No.: Q1383

Client: Nobis Group

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q1383-01	OU4-PCS-TC-11-021725	1,2-Dichloroethane-d4	50	57.4	115	71	136
		Dibromofluoromethane	50	50.3	101	78	119
		Toluene-d8	50	49.8	100	85	116
		4-Bromofluorobenzene	50	46.0	92	79	119
Q1383-03	OU4-PCS-TC-12-021725	1,2-Dichloroethane-d4	50	55.2	110	71	136
		Dibromofluoromethane	50	49.7	99	78	119
		Toluene-d8	50	50.6	101	85	116
		4-Bromofluorobenzene	50	47.3	95	79	119
Q1383-05	OU4-PCS-TC-13-021725	1,2-Dichloroethane-d4	50	63.3	127	71	136
		Dibromofluoromethane	50	51.4	103	78	119
		Toluene-d8	50	50.2	100	85	116
		4-Bromofluorobenzene	50	49.5	99	79	119
Q1383-07	OU4-PCS-TC-14-021725	1,2-Dichloroethane-d4	50	63.4	127	71	136
		Dibromofluoromethane	50	52.0	104	78	119
		Toluene-d8	50	51.0	102	85	116
		4-Bromofluorobenzene	50	50.2	100	79	119
Q1383-09	OU4-PCS-TC-15-021725	1,2-Dichloroethane-d4	50	52.4	105	71	136
		Dibromofluoromethane	50	50.0	100	78	119
		Toluene-d8	50	49.4	99	85	116
		4-Bromofluorobenzene	50	51.9	104	79	119
Q1383-11	OU4-PCS-TC-16-021725	1,2-Dichloroethane-d4	50	59.7	119	71	136
		Dibromofluoromethane	50	50.5	101	78	119
		Toluene-d8	50	50.6	101	85	116
		4-Bromofluorobenzene	50	48.5	97	79	119
Q1383-13	OU4-PCS-TC-17-021725	1,2-Dichloroethane-d4	50	61.3	123	71	136
		Dibromofluoromethane	50	51.5	103	78	119
		Toluene-d8	50	51.0	102	85	116
		4-Bromofluorobenzene	50	49.6	99	79	119
Q1383-15	OU4-PCS-TC-18-021725	1,2-Dichloroethane-d4	50	65.1	130	71	136
		Dibromofluoromethane	50	52.5	105	78	119
		Toluene-d8	50	51.0	102	85	116
		4-Bromofluorobenzene	50	50.9	102	79	119
Q1383-17	OU4-PCS-TC-19-021725	1,2-Dichloroethane-d4	50	61.1	122	71	136
		Dibromofluoromethane	50	51.2	102	78	119
		Toluene-d8	50	50.8	102	85	116
		4-Bromofluorobenzene	50	48.7	97	79	119
Q1383-19	OU4-PCS-TC-20-021725	1,2-Dichloroethane-d4	50	68.1	136	71	136
		Dibromofluoromethane	50	52.2	104	78	119
		Toluene-d8	50	51.0	102	85	116
		4-Bromofluorobenzene	50	51.7	103	79	119
Q1383-21	OU4-CF-15-021725	1,2-Dichloroethane-d4	50	64.8	130	71	136
		Dibromofluoromethane	50	52.3	105	78	119
		Toluene-d8	50	51.5	103	85	116
		4-Bromofluorobenzene	50	51.4	103	79	119
VY0221SBL01	VY0221SBL01	1,2-Dichloroethane-d4	50	56.5	113	71	136
		Dibromofluoromethane	50	50.6	101	78	119
		Toluene-d8	50	50.8	101	85	116
		4-Bromofluorobenzene	50	45.7	91	79	119
VY0221SBS01	VY0221SBS01	1,2-Dichloroethane-d4	50	49.2	98	71	136
		Dibromofluoromethane	50	47.0	94	78	119

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Surrogate Summary

SDG No.: Q1383

Client: Nobis Group

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
VY0221SBS01	VY0221SBS01	Toluene-d8	50	46.4	93	85	116
		4-Bromofluorobenzene	50	48.7	97	79	119
VY0226SBL01	VY0226SBL01	1,2-Dichloroethane-d4	50	53.1	106	71	136
		Dibromofluoromethane	50	49.5	99	78	119
		Toluene-d8	50	49.1	98	85	116
		4-Bromofluorobenzene	50	50.1	100	79	119
VY0226SBS01	VY0226SBS01	1,2-Dichloroethane-d4	50	46.7	93	71	136
		Dibromofluoromethane	50	47.4	95	78	119
		Toluene-d8	50	47.6	95	85	116
		4-Bromofluorobenzene	50	47.3	95	79	119
VY0226SBSD01	VY0226SBSD01	1,2-Dichloroethane-d4	50	48.5	97	71	136
		Dibromofluoromethane	50	49.1	98	78	119
		Toluene-d8	50	49.9	100	85	116
		4-Bromofluorobenzene	50	50.3	101	79	119

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1383

Client: Nobis Group

Analytical Method: SW8260D **Datafile :** VY021277.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0221SBS01	Dichlorodifluoromethane	20	27.4	ug/Kg	137			29	149	
	Chloromethane	20	29.5	ug/Kg	148		*	50	136	
	Vinyl chloride	20	28.2	ug/Kg	141		*	56	135	
	Bromomethane	20	25.6	ug/Kg	128			53	143	
	Chloroethane	20	27.9	ug/Kg	140		*	59	139	
	Tetrahydrofuran	100	120	ug/Kg	120			61	135	
	Trichlorofluoromethane	20	23.8	ug/Kg	119			62	140	
	1,1,2-Trichlorotrifluoroethane	20	22.8	ug/Kg	114			66	136	
	1,1-Dichloroethene	20	22.6	ug/Kg	113			70	131	
	Acrylonitrile	100	120	ug/Kg	120			65	134	
	Acetone	100	120	ug/Kg	120			36	164	
	Carbon disulfide	20	23.6	ug/Kg	118			63	132	
	Methyl tert-butyl Ether	20	22.2	ug/Kg	111			73	125	
	Methylene Chloride	20	24.9	ug/Kg	125			70	128	
	trans-1,2-Dichloroethene	20	22.6	ug/Kg	113			74	125	
	1,1-Dichloroethane	20	22.7	ug/Kg	114			76	125	
	2-Butanone	100	120	ug/Kg	120			51	148	
	Carbon Tetrachloride	20	21.5	ug/Kg	108			70	135	
	2,2-Dichloropropane	20	22.0	ug/Kg	110			67	133	
	cis-1,2-Dichloroethene	20	22.2	ug/Kg	111			77	123	
	Chloroform	20	22.6	ug/Kg	113			78	123	
	1,1,1-Trichloroethane	20	22.8	ug/Kg	114			73	130	
	1,1-Dichloropropene	20	22.3	ug/Kg	112			76	125	
	Benzene	20	22.3	ug/Kg	112			77	121	
	1,2-Dichloroethane	20	22.8	ug/Kg	114			73	128	
	Trichloroethene	20	21.4	ug/Kg	107			77	123	
	1,2-Dichloropropane	20	22.7	ug/Kg	114			76	123	
	Dibromomethane	20	22.4	ug/Kg	112			78	125	
	Bromodichloromethane	20	21.7	ug/Kg	109			75	127	
	4-Methyl-2-Pentanone	100	120	ug/Kg	120			65	135	
	Toluene	20	22.1	ug/Kg	111			77	121	
	t-1,3-Dichloropropene	20	21.9	ug/Kg	110			71	130	
	cis-1,3-Dichloropropene	20	21.6	ug/Kg	108			74	126	
	1,1,2-Trichloroethane	20	21.8	ug/Kg	109			78	121	
	1,3-Dichloropropane	20	22.2	ug/Kg	111			77	121	
	2-Hexanone	100	120	ug/Kg	120			53	145	
	Dibromochloromethane	20	21.3	ug/Kg	106			74	126	
	1,2-Dibromoethane	20	22.1	ug/Kg	111			78	122	
	Tetrachloroethene	20	21.2	ug/Kg	106			73	128	
	Chlorobenzene	20	21.2	ug/Kg	106			79	120	
	1,1,1,2-Tetrachloroethane	20	21.2	ug/Kg	106			78	125	
	Ethyl Benzene	20	21.4	ug/Kg	107			76	122	
	m/p-Xylenes	40	43.0	ug/Kg	108			77	124	
	o-Xylene	20	21.2	ug/Kg	106			77	123	
	Styrene	20	21.7	ug/Kg	109			76	124	
	Bromoform	20	22.0	ug/Kg	110			67	132	
	Isopropylbenzene	20	20.0	ug/Kg	100			68	134	
	1,1,2,2-Tetrachloroethane	20	21.3	ug/Kg	106			70	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1383

Client: Nobis Group

Analytical Method: SW8260D **Datafile :** VY021277.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0221SBS01	1,2,3-Trichloropropane	20	19.3	ug/Kg	97			73	125	
	Bromobenzene	20	19.7	ug/Kg	99			78	121	
	N-propylbenzene	20	20.5	ug/Kg	103			73	125	
	2-Chlorotoluene	20	20.2	ug/Kg	101			75	122	
	1,3,5-Trimethylbenzene	20	20.3	ug/Kg	102			73	124	
	4-Chlorotoluene	20	20.3	ug/Kg	102			72	124	
	tert-Butylbenzene	20	19.5	ug/Kg	98			73	125	
	1,2,4-Trimethylbenzene	20	20.6	ug/Kg	103			75	123	
	Sec-butylbenzene	20	20.2	ug/Kg	101			73	126	
	p-Isopropyltoluene	20	20.0	ug/Kg	100			73	127	
	1,3-Dichlorobenzene	20	20.3	ug/Kg	102			77	121	
	1,4-Dichlorobenzene	20	20.3	ug/Kg	102			75	120	
	n-Butylbenzene	20	20.3	ug/Kg	102			70	128	
	1,2-Dichlorobenzene	20	20.7	ug/Kg	104			78	121	
	1,2-Dibromo-3-Chloropropane	20	22.1	ug/Kg	111			61	132	
	1,2,4-Trichlorobenzene	20	19.8	ug/Kg	99			67	129	
	Hexachlorobutadiene	20	19.5	ug/Kg	98			61	135	
	1,2,3-Trichlorobenzene	20	20.7	ug/Kg	104			66	130	
	trans-1,4-Dichloro-2-butene	20	20.4	ug/Kg	102			62	136	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1383

Client: Nobis Group

Analytical Method: SW8260D **Datafile :** VY021322.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0226SBS01	Dichlorodifluoromethane	20	19.5	ug/Kg	98			29	149	
	Chloromethane	20	18.9	ug/Kg	95			50	136	
	Vinyl chloride	20	19.3	ug/Kg	97			56	135	
	Bromomethane	20	19.2	ug/Kg	96			53	143	
	Chloroethane	20	19.0	ug/Kg	95			59	139	
	Tetrahydrofuran	100	94.2	ug/Kg	94			61	135	
	Trichlorofluoromethane	20	19.0	ug/Kg	95			62	140	
	1,1,2-Trichlorotrifluoroethane	20	19.8	ug/Kg	99			66	136	
	1,1-Dichloroethene	20	19.0	ug/Kg	95			70	131	
	Acrylonitrile	100	95.9	ug/Kg	96			65	134	
	Acetone	100	94.9	ug/Kg	95			36	164	
	Carbon disulfide	20	18.6	ug/Kg	93			63	132	
	Methyl tert-butyl Ether	20	19.1	ug/Kg	96			73	125	
	Methylene Chloride	20	18.5	ug/Kg	93			70	128	
	trans-1,2-Dichloroethene	20	19.0	ug/Kg	95			74	125	
	1,1-Dichloroethane	20	19.1	ug/Kg	96			76	125	
	2-Butanone	100	92.9	ug/Kg	93			51	148	
	Carbon Tetrachloride	20	19.0	ug/Kg	95			70	135	
	2,2-Dichloropropane	20	19.0	ug/Kg	95			67	133	
	cis-1,2-Dichloroethene	20	19.2	ug/Kg	96			77	123	
	Chloroform	20	19.3	ug/Kg	97			78	123	
	1,1,1-Trichloroethane	20	19.2	ug/Kg	96			73	130	
	1,1-Dichloropropene	20	19.2	ug/Kg	96			76	125	
	Benzene	20	19.3	ug/Kg	97			77	121	
	1,2-Dichloroethane	20	19.2	ug/Kg	96			73	128	
	Trichloroethene	20	19.2	ug/Kg	96			77	123	
	1,2-Dichloropropane	20	19.1	ug/Kg	96			76	123	
	Dibromomethane	20	19.5	ug/Kg	98			78	125	
	Bromodichloromethane	20	19.1	ug/Kg	96			75	127	
	4-Methyl-2-Pentanone	100	93.3	ug/Kg	93			65	135	
	Toluene	20	19.3	ug/Kg	97			77	121	
	t-1,3-Dichloropropene	20	19.0	ug/Kg	95			71	130	
	cis-1,3-Dichloropropene	20	19.3	ug/Kg	97			74	126	
	1,1,2-Trichloroethane	20	19.1	ug/Kg	96			78	121	
	1,3-Dichloropropane	20	19.4	ug/Kg	97			77	121	
	2-Hexanone	100	93.8	ug/Kg	94			53	145	
	Dibromochloromethane	20	19.3	ug/Kg	97			74	126	
	1,2-Dibromoethane	20	18.8	ug/Kg	94			78	122	
	Tetrachloroethene	20	19.2	ug/Kg	96			73	128	
	Chlorobenzene	20	19.0	ug/Kg	95			79	120	
	1,1,1,2-Tetrachloroethane	20	19.6	ug/Kg	98			78	125	
	Ethyl Benzene	20	19.0	ug/Kg	95			76	122	
	m/p-Xylenes	40	38.8	ug/Kg	97			77	124	
	o-Xylene	20	19.3	ug/Kg	97			77	123	
	Styrene	20	19.3	ug/Kg	97			76	124	
	Bromoform	20	19.1	ug/Kg	96			67	132	
	Isopropylbenzene	20	19.1	ug/Kg	96			68	134	
	1,1,2,2-Tetrachloroethane	20	18.8	ug/Kg	94			70	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1383

Client: Nobis Group

Analytical Method: SW8260D **Datafile :** VY021322.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0226SBS01	1,2,3-Trichloropropane	20	15.6	ug/Kg	78			73	125	
	Bromobenzene	20	18.9	ug/Kg	95			78	121	
	N-propylbenzene	20	19.3	ug/Kg	97			73	125	
	2-Chlorotoluene	20	19.1	ug/Kg	96			75	122	
	1,3,5-Trimethylbenzene	20	19.6	ug/Kg	98			73	124	
	4-Chlorotoluene	20	19.2	ug/Kg	96			72	124	
	tert-Butylbenzene	20	19.1	ug/Kg	96			73	125	
	1,2,4-Trimethylbenzene	20	19.3	ug/Kg	97			75	123	
	Sec-butylbenzene	20	19.5	ug/Kg	98			73	126	
	p-Isopropyltoluene	20	19.2	ug/Kg	96			73	127	
	1,3-Dichlorobenzene	20	19.1	ug/Kg	96			77	121	
	1,4-Dichlorobenzene	20	19.2	ug/Kg	96			75	120	
	n-Butylbenzene	20	18.9	ug/Kg	95			70	128	
	1,2-Dichlorobenzene	20	18.8	ug/Kg	94			78	121	
	1,2-Dibromo-3-Chloropropane	20	18.6	ug/Kg	93			61	132	
	1,2,4-Trichlorobenzene	20	17.7	ug/Kg	89			67	129	
	Hexachlorobutadiene	20	18.7	ug/Kg	94			61	135	
	1,2,3-Trichlorobenzene	20	17.9	ug/Kg	90			66	130	
	trans-1,4-Dichloro-2-butene	20	17.4	ug/Kg	87			62	136	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1383

Client: Nobis Group

Analytical Method: SW8260D **Datafile :** VY021323.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0226SBSD01	Dichlorodifluoromethane	20	19.2	ug/Kg	96	2		29	149	20
	Chloromethane	20	19.6	ug/Kg	98	3		50	136	20
	Vinyl chloride	20	19.4	ug/Kg	97	0		56	135	20
	Bromomethane	20	19.4	ug/Kg	97	1		53	143	20
	Chloroethane	20	19.6	ug/Kg	98	3		59	139	20
	Tetrahydrofuran	100	99.2	ug/Kg	99	5		61	135	20
	Trichlorofluoromethane	20	19.2	ug/Kg	96	1		62	140	20
	1,1,2-Trichlorotrifluoroethane	20	20.0	ug/Kg	100	1		66	136	20
	1,1-Dichloroethene	20	19.2	ug/Kg	96	1		70	131	20
	Acrylonitrile	100	95.5	ug/Kg	96	0		65	134	20
	Acetone	100	91.3	ug/Kg	91	4		36	164	20
	Carbon disulfide	20	19.2	ug/Kg	96	3		63	132	20
	Methyl tert-butyl Ether	20	19.5	ug/Kg	98	2		73	125	20
	Methylene Chloride	20	18.9	ug/Kg	95	2		70	128	20
	trans-1,2-Dichloroethene	20	19.4	ug/Kg	97	2		74	125	20
	1,1-Dichloroethane	20	19.5	ug/Kg	98	2		76	125	20
	2-Butanone	100	94.4	ug/Kg	94	1		51	148	20
	Carbon Tetrachloride	20	19.6	ug/Kg	98	3		70	135	20
	2,2-Dichloropropane	20	19.3	ug/Kg	97	2		67	133	20
	cis-1,2-Dichloroethene	20	19.9	ug/Kg	100	4		77	123	20
	Chloroform	20	19.5	ug/Kg	98	1		78	123	20
	1,1,1-Trichloroethane	20	19.2	ug/Kg	96	0		73	130	20
	1,1-Dichloropropene	20	20.0	ug/Kg	100	4		76	125	20
	Benzene	20	19.9	ug/Kg	100	3		77	121	20
	1,2-Dichloroethane	20	19.7	ug/Kg	99	3		73	128	20
	Trichloroethene	20	19.6	ug/Kg	98	2		77	123	20
	1,2-Dichloropropane	20	19.6	ug/Kg	98	2		76	123	20
	Dibromomethane	20	19.4	ug/Kg	97	1		78	125	20
	Bromodichloromethane	20	19.5	ug/Kg	98	2		75	127	20
	4-Methyl-2-Pentanone	100	97.8	ug/Kg	98	5		65	135	20
	Toluene	20	19.7	ug/Kg	99	2		77	121	20
	t-1,3-Dichloropropene	20	19.8	ug/Kg	99	4		71	130	20
	cis-1,3-Dichloropropene	20	19.3	ug/Kg	97	0		74	126	20
	1,1,2-Trichloroethane	20	19.4	ug/Kg	97	1		78	121	20
	1,3-Dichloropropane	20	20.1	ug/Kg	101	4		77	121	20
	2-Hexanone	100	96.5	ug/Kg	97	3		53	145	20
	Dibromochloromethane	20	19.8	ug/Kg	99	2		74	126	20
	1,2-Dibromoethane	20	19.4	ug/Kg	97	3		78	122	20
	Tetrachloroethene	20	19.7	ug/Kg	99	3		73	128	20
	Chlorobenzene	20	19.6	ug/Kg	98	3		79	120	20
	1,1,1,2-Tetrachloroethane	20	19.4	ug/Kg	97	1		78	125	20
	Ethyl Benzene	20	19.2	ug/Kg	96	1		76	122	20
	m/p-Xylenes	40	38.6	ug/Kg	97	0		77	124	20
	o-Xylene	20	19.4	ug/Kg	97	0		77	123	20
	Styrene	20	19.8	ug/Kg	99	2		76	124	20
	Bromoform	20	19.1	ug/Kg	96	0		67	132	20
	Isopropylbenzene	20	19.7	ug/Kg	99	3		68	134	20
	1,1,2,2-Tetrachloroethane	20	19.4	ug/Kg	97	3		70	124	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1383

Client: Nobis Group

Analytical Method: SW8260D **Datafile :** VY021323.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0226SBSD01	1,2,3-Trichloropropane	20	14.9	ug/Kg	75	4		73	125	20
	Bromobenzene	20	19.4	ug/Kg	97	2		78	121	20
	N-propylbenzene	20	19.5	ug/Kg	98	1		73	125	20
	2-Chlorotoluene	20	19.5	ug/Kg	98	2		75	122	20
	1,3,5-Trimethylbenzene	20	19.7	ug/Kg	99	1		73	124	20
	4-Chlorotoluene	20	19.4	ug/Kg	97	1		72	124	20
	tert-Butylbenzene	20	19.3	ug/Kg	97	1		73	125	20
	1,2,4-Trimethylbenzene	20	19.7	ug/Kg	99	2		75	123	20
	Sec-butylbenzene	20	19.6	ug/Kg	98	0		73	126	20
	p-Isopropyltoluene	20	19.5	ug/Kg	98	2		73	127	20
	1,3-Dichlorobenzene	20	19.7	ug/Kg	99	3		77	121	20
	1,4-Dichlorobenzene	20	19.8	ug/Kg	99	3		75	120	20
	n-Butylbenzene	20	19.5	ug/Kg	98	3		70	128	20
	1,2-Dichlorobenzene	20	19.5	ug/Kg	98	4		78	121	20
	1,2-Dibromo-3-Chloropropane	20	18.0	ug/Kg	90	3		61	132	20
	1,2,4-Trichlorobenzene	20	19.0	ug/Kg	95	7		67	129	20
	Hexachlorobutadiene	20	19.1	ug/Kg	96	2		61	135	20
	1,2,3-Trichlorobenzene	20	18.9	ug/Kg	95	5		66	130	20
	trans-1,4-Dichloro-2-butene	20	18.4	ug/Kg	92	6		62	136	20

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0221SBL01

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG NO.: Q1383

Lab File ID: VY021276.D Lab Sample ID: VY0221SBL01

Date Analyzed: 02/21/2025 Time Analyzed: 11:12

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY0221SBS01	VY0221SBS01	VY021277.D	02/21/2025
OU4-PCS-TC-11-021725	Q1383-01	VY021279.D	02/21/2025
OU4-PCS-TC-12-021725	Q1383-03	VY021280.D	02/21/2025
OU4-PCS-TC-13-021725	Q1383-05	VY021281.D	02/21/2025
OU4-PCS-TC-14-021725	Q1383-07	VY021282.D	02/21/2025
OU4-PCS-TC-16-021725	Q1383-11	VY021284.D	02/21/2025
OU4-PCS-TC-17-021725	Q1383-13	VY021285.D	02/21/2025
OU4-PCS-TC-18-021725	Q1383-15	VY021286.D	02/21/2025
OU4-PCS-TC-19-021725	Q1383-17	VY021287.D	02/21/2025
OU4-PCS-TC-20-021725	Q1383-19	VY021288.D	02/21/2025
OU4-CF-15-021725	Q1383-21	VY021289.D	02/21/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0226SBL01

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG NO.: Q1383

Lab File ID: VY021321.D Lab Sample ID: VY0226SBL01

Date Analyzed: 02/26/2025 Time Analyzed: 10:50

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY0226SBS01	VY0226SBS01	VY021322.D	02/26/2025
VY0226SBSD01	VY0226SBSD01	VY021323.D	02/26/2025
OU4-PCS-TC-15-021725	Q1383-09	VY021332.D	02/26/2025

COMMENTS:

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG NO.: Q1383

Lab File ID: VY021019.D BFB Injection Date: 02/03/2025

Instrument ID: MSVOA_Y BFB Injection Time: 09:51

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.3
75	30.0 - 60.0% of mass 95	49
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.3 (0.4) 1
174	50.0 - 100.0% of mass 95	89.7
175	5.0 - 9.0% of mass 174	7 (7.8) 1
176	95.0 - 101.0% of mass 174	87 (97) 1
177	5.0 - 9.0% of mass 176	5.9 (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
VSTDICC005	VSTDICC005	VY021020.D	02/03/2025	10:35
VSTDICC010	VSTDICC010	VY021021.D	02/03/2025	10:57
VSTDICC020	VSTDICC020	VY021022.D	02/03/2025	11:20
VSTDICCC050	VSTDICCC050	VY021023.D	02/03/2025	11:43
VSTDICC100	VSTDICC100	VY021024.D	02/03/2025	12:21
VSTDICC150	VSTDICC150	VY021025.D	02/03/2025	12:44

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG NO.: Q1383

Lab File ID: VY021274.D BFB Injection Date: 02/21/2025

Instrument ID: MSVOA_Y BFB Injection Time: 09:06

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.9
75	30.0 - 60.0% of mass 95	56.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	1.2 (1.5) 1
174	50.0 - 100.0% of mass 95	82.5
175	5.0 - 9.0% of mass 174	6.5 (7.8) 1
176	95.0 - 101.0% of mass 174	79.3 (96.2) 1
177	5.0 - 9.0% of mass 176	5.4 (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
VSTDCCC050	VSTDCCC050	VY021275.D	02/21/2025	09:37
VY0221SBL01	VY0221SBL01	VY021276.D	02/21/2025	11:12
VY0221SBS01	VY0221SBS01	VY021277.D	02/21/2025	11:43
OU4-PCS-TC-11-021725	Q1383-01	VY021279.D	02/21/2025	12:41
OU4-PCS-TC-12-021725	Q1383-03	VY021280.D	02/21/2025	13:04
OU4-PCS-TC-13-021725	Q1383-05	VY021281.D	02/21/2025	13:27
OU4-PCS-TC-14-021725	Q1383-07	VY021282.D	02/21/2025	13:51
OU4-PCS-TC-16-021725	Q1383-11	VY021284.D	02/21/2025	14:37
OU4-PCS-TC-17-021725	Q1383-13	VY021285.D	02/21/2025	15:00
OU4-PCS-TC-18-021725	Q1383-15	VY021286.D	02/21/2025	15:24
OU4-PCS-TC-19-021725	Q1383-17	VY021287.D	02/21/2025	15:47
OU4-PCS-TC-20-021725	Q1383-19	VY021288.D	02/21/2025	16:10
OU4-CF-15-021725	Q1383-21	VY021289.D	02/21/2025	16:34
VSTDCCC050EC	VSTDCCC050	VY021298.D	02/21/2025	20:27

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG NO.: Q1383

Lab File ID: VY021308.D BFB Injection Date: 02/25/2025

Instrument ID: MSVOA_Y BFB Injection Time: 12:10

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.8
75	30.0 - 60.0% of mass 95	55.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.7 (0.8) 1
174	50.0 - 100.0% of mass 95	84.7
175	5.0 - 9.0% of mass 174	6.4 (7.5) 1
176	95.0 - 101.0% of mass 174	83.6 (98.8) 1
177	5.0 - 9.0% of mass 176	5.5 (6.5) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VY021309.D	02/25/2025	12:40
VSTDICC010	VSTDICC010	VY021310.D	02/25/2025	13:03
VSTDICC020	VSTDICC020	VY021311.D	02/25/2025	13:26
VSTDICCC050	VSTDICCC050	VY021312.D	02/25/2025	14:48
VSTDICC150	VSTDICC150	VY021314.D	02/25/2025	15:57
VSTDICC100	VSTDICC100	VY021316.D	02/25/2025	16:49

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG NO.: Q1383

Lab File ID: VY021319.D BFB Injection Date: 02/26/2025

Instrument ID: MSVOA_Y BFB Injection Time: 09:12

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.5
75	30.0 - 60.0% of mass 95	55.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	1.2 (1.5) 1
174	50.0 - 100.0% of mass 95	78.5
175	5.0 - 9.0% of mass 174	6.5 (8.3) 1
176	95.0 - 101.0% of mass 174	75.9 (96.7) 1
177	5.0 - 9.0% of mass 176	5.1 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY021320.D	02/26/2025	10:11
VY0226SBL01	VY0226SBL01	VY021321.D	02/26/2025	10:50
VY0226SBS01	VY0226SBS01	VY021322.D	02/26/2025	11:22
VY0226SBSD01	VY0226SBSD01	VY021323.D	02/26/2025	11:44
OU4-PCS-TC-15-021725	Q1383-09	VY021332.D	02/26/2025	15:27
VSTDCCC050EC	VSTDCCC050	VY021344.D	02/26/2025	20:06

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG NO.: Q1383

Lab File ID: VY021275.D Date Analyzed: 02/21/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:37

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	134641	7.73	218893	8.63	189433	11.43
UPPER LIMIT	269282	8.226	437786	9.128	378866	11.926
LOWER LIMIT	67320.5	7.226	109447	8.128	94716.5	10.926
EPA SAMPLE NO.						
OU4-PCS-TC-11-021725	171670	7.72	333989	8.63	300893	11.43
OU4-PCS-TC-12-021725	176624	7.72	335490	8.62	306712	11.43
OU4-PCS-TC-13-021725	169914	7.72	334383	8.62	312411	11.43
OU4-PCS-TC-14-021725	170045	7.72	332342	8.62	313144	11.42
OU4-PCS-TC-16-021725	172558	7.72	334339	8.62	309204	11.42
OU4-PCS-TC-17-021725	169502	7.72	329422	8.62	311982	11.42
OU4-PCS-TC-18-021725	168253	7.72	327688	8.62	315012	11.42
OU4-PCS-TC-19-021725	164839	7.71	321028	8.62	299636	11.42
OU4-PCS-TC-20-021725	164933	7.72	323735	8.62	313938	11.42
OU4-CF-15-021725	164292	7.71	317351	8.62	306581	11.42
VY0221SBL01	172979	7.72	332665	8.62	302645	11.43
VY0221SBS01	142077	7.72	225088	8.62	194706	11.43

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: NOBI03

Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG NO.: Q1383

Lab File ID: VY021275.D Date Analyzed: 02/21/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:37

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	91135	13.359				
UPPER LIMIT	182270	13.859				
LOWER LIMIT	45567.5	12.859				
EPA SAMPLE NO.						
OU4-PCS-TC-11-021725	110482	13.36				
OU4-PCS-TC-12-021725	115459	13.35				
OU4-PCS-TC-13-021725	125048	13.35				
OU4-PCS-TC-14-021725	125321	13.35				
OU4-PCS-TC-16-021725	118737	13.35				
OU4-PCS-TC-17-021725	121669	13.35				
OU4-PCS-TC-18-021725	126536	13.35				
OU4-PCS-TC-19-021725	120303	13.35				
OU4-PCS-TC-20-021725	130553	13.35				
OU4-CF-15-021725	125058	13.35				
VY0221SBL01	107899	13.35				
VY0221SBS01	99790	13.36				

IS4 = 1,4-Dichlorobenzene-d4

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG NO.: Q1383

Lab File ID: VY021320.D Date Analyzed: 02/26/2025

Instrument ID: MSVOA_Y Time Analyzed: 10:11

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	193888	7.71	308714	8.62	268805	11.42
UPPER LIMIT	387776	8.213	617428	9.116	537610	11.92
LOWER LIMIT	96944	7.213	154357	8.116	134403	10.92
EPA SAMPLE NO.						
OU4-PCS-TC-15-021725	240886	7.71	477609	8.62	478629	11.41
VY0226SBL01	251129	7.71	483695	8.62	470141	11.42
VY0226SBS01	184417	7.71	291138	8.62	254891	11.41
VY0226SBSD01	186200	7.71	292071	8.62	258744	11.41

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: NOBI03

Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG NO.: Q1383

Lab File ID: VY021320.D Date Analyzed: 02/26/2025

Instrument ID: MSVOA_Y Time Analyzed: 10:11

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	131935	13.347				
UPPER LIMIT	263870	13.847				
LOWER LIMIT	65967.5	12.847				
EPA SAMPLE NO.						
OU4-PCS-TC-15-021725	207331	13.35				
VY0226SBL01	192201	13.35				
VY0226SBS01	128725	13.35				
VY0226SBSD01	129829	13.35				

IS4 = 1,4-Dichlorobenzene-d4

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

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

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-11-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.6
Sample Wt/Vol:	5.34 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021279.D	1		02/21/25 12:41	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0040	U	0.0017	0.0040	0.0051	mg/Kg
74-87-3	Chloromethane	0.0025	UQ	0.0012	0.0025	0.0051	mg/Kg
75-01-4	Vinyl Chloride	0.0025	UQ	0.00078	0.0025	0.0051	mg/Kg
74-83-9	Bromomethane	0.0040	U	0.0010	0.0040	0.0051	mg/Kg
75-00-3	Chloroethane	0.0025	UQ	0.0010	0.0025	0.0051	mg/Kg
109-99-9	Tetrahydrofuran	0.013	U	0.0053	0.013	0.025	mg/Kg
75-69-4	Trichlorofluoromethane	0.0040	U	0.00092	0.0040	0.0051	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0025	U	0.0011	0.0025	0.0051	mg/Kg
75-35-4	1,1-Dichloroethene	0.0025	U	0.00079	0.0025	0.0051	mg/Kg
107-13-1	Acrylonitrile	0.013	U	0.0051	0.013	0.025	mg/Kg
67-64-1	Acetone	0.050		0.0063	0.020	0.025	mg/Kg
75-15-0	Carbon Disulfide	0.0040	U	0.0013	0.0040	0.0051	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0025	U	0.00068	0.0025	0.0051	mg/Kg
75-09-2	Methylene Chloride	0.0081	U	0.0034	0.0081	0.010	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0025	U	0.00085	0.0025	0.0051	mg/Kg
75-34-3	1,1-Dichloroethane	0.0025	U	0.00064	0.0025	0.0051	mg/Kg
78-93-3	2-Butanone	0.020	U	0.0057	0.020	0.025	mg/Kg
56-23-5	Carbon Tetrachloride	0.0025	U	0.00088	0.0025	0.0051	mg/Kg
594-20-7	2,2-Dichloropropane	0.0040	U	0.0016	0.0040	0.0051	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0025	U	0.00062	0.0025	0.0051	mg/Kg
67-66-3	Chloroform	0.0040	U	0.00068	0.0040	0.0051	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0025	U	0.00079	0.0025	0.0051	mg/Kg
563-58-6	1,1-Dichloropropene	0.0025	U	0.00074	0.0025	0.0051	mg/Kg
71-43-2	Benzene	0.0025	U	0.00073	0.0025	0.0051	mg/Kg
107-06-2	1,2-Dichloroethane	0.0025	U	0.00062	0.0025	0.0051	mg/Kg
79-01-6	Trichloroethene	0.0025	U	0.00076	0.0025	0.0051	mg/Kg
78-87-5	1,2-Dichloropropane	0.0025	U	0.00067	0.0025	0.0051	mg/Kg
74-95-3	Dibromomethane	0.0025	U	0.00063	0.0025	0.0051	mg/Kg
75-27-4	Bromodichloromethane	0.0025	U	0.00057	0.0025	0.0051	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.013	U	0.0044	0.013	0.025	mg/Kg

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Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-11-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.6
Sample Wt/Vol:	5.34 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021279.D	1		02/21/25 12:41	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0025	U	0.00068	0.0025	0.0051	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0025	U	0.00061	0.0025	0.0051	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0025	U	0.00058	0.0025	0.0051	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0025	U	0.00085	0.0025	0.0051	mg/Kg
142-28-9	1,3-Dichloropropane	0.0025	U	0.00060	0.0025	0.0051	mg/Kg
591-78-6	2-Hexanone	0.013	U	0.0048	0.013	0.025	mg/Kg
124-48-1	Dibromochloromethane	0.0025	U	0.00066	0.0025	0.0051	mg/Kg
106-93-4	1,2-Dibromoethane	0.0025	U	0.00080	0.0025	0.0051	mg/Kg
127-18-4	Tetrachloroethene	0.0025	U	0.00090	0.0025	0.0051	mg/Kg
108-90-7	Chlorobenzene	0.0025	U	0.00075	0.0025	0.0051	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0025	U	0.00065	0.0025	0.0051	mg/Kg
100-41-4	Ethyl Benzene	0.0025	U	0.00063	0.0025	0.0051	mg/Kg
179601-23-1	m/p-Xylenes	0.0051	U	0.0014	0.0051	0.010	mg/Kg
1330-20-7	Total Xylenes	0.0076	U	0.0021	0.0076	0.015	mg/Kg
95-47-6	o-Xylene	0.0025	U	0.00071	0.0025	0.0051	mg/Kg
100-42-5	Styrene	0.0025	U	0.00061	0.0025	0.0051	mg/Kg
75-25-2	Bromoform	0.0025	U	0.00082	0.0025	0.0051	mg/Kg
98-82-8	Isopropylbenzene	0.0025	U	0.00068	0.0025	0.0051	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0025	U	0.0011	0.0025	0.0051	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0040	U	0.0012	0.0040	0.0051	mg/Kg
108-86-1	Bromobenzene	0.0025	U	0.00066	0.0025	0.0051	mg/Kg
103-65-1	n-propylbenzene	0.0025	U	0.00065	0.0025	0.0051	mg/Kg
95-49-8	2-Chlorotoluene	0.0025	U	0.00063	0.0025	0.0051	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0025	U	0.00065	0.0025	0.0051	mg/Kg
106-43-4	4-Chlorotoluene	0.0025	U	0.00060	0.0025	0.0051	mg/Kg
98-06-6	tert-Butylbenzene	0.0025	U	0.00068	0.0025	0.0051	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0025	U	0.0014	0.0025	0.0051	mg/Kg
135-98-8	sec-Butylbenzene	0.0025	U	0.00068	0.0025	0.0051	mg/Kg
99-87-6	p-Isopropyltoluene	0.0025	U	0.00059	0.0025	0.0051	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0025	U	0.00075	0.0025	0.0051	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0025	U	0.00081	0.0025	0.0051	mg/Kg

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Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-11-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.6
Sample Wt/Vol:	5.34 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021279.D	1		02/21/25 12:41	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0025	U	0.00064	0.0025	0.0051	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0025	U	0.00060	0.0025	0.0051	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0040	U	0.0016	0.0040	0.0051	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0025	U	0.00080	0.0025	0.0051	mg/Kg
87-68-3	Hexachlorobutadiene	0.0025	U	0.00082	0.0025	0.0051	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0025	U	0.00079	0.0025	0.0051	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0025	U	0.00081	0.0025	0.0051	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	57.4		71 - 136		115%	SPK: 50
1868-53-7	Dibromofluoromethane	50.3		78 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	49.8		85 - 116		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.0		79 - 119		92%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	172000	7.719				
540-36-3	1,4-Difluorobenzene	334000	8.628				
3114-55-4	Chlorobenzene-d5	301000	11.426				
3855-82-1	1,4-Dichlorobenzene-d4	110000	13.359				

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_Y\Data\VY022125\
Data File : VY021279.D
Acq On : 21 Feb 2025 12:41
Operator : SY/MD
Sample : Q1383-01
Misc : 5.34g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-11-021725

Quant Time: Feb 21 23:06:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

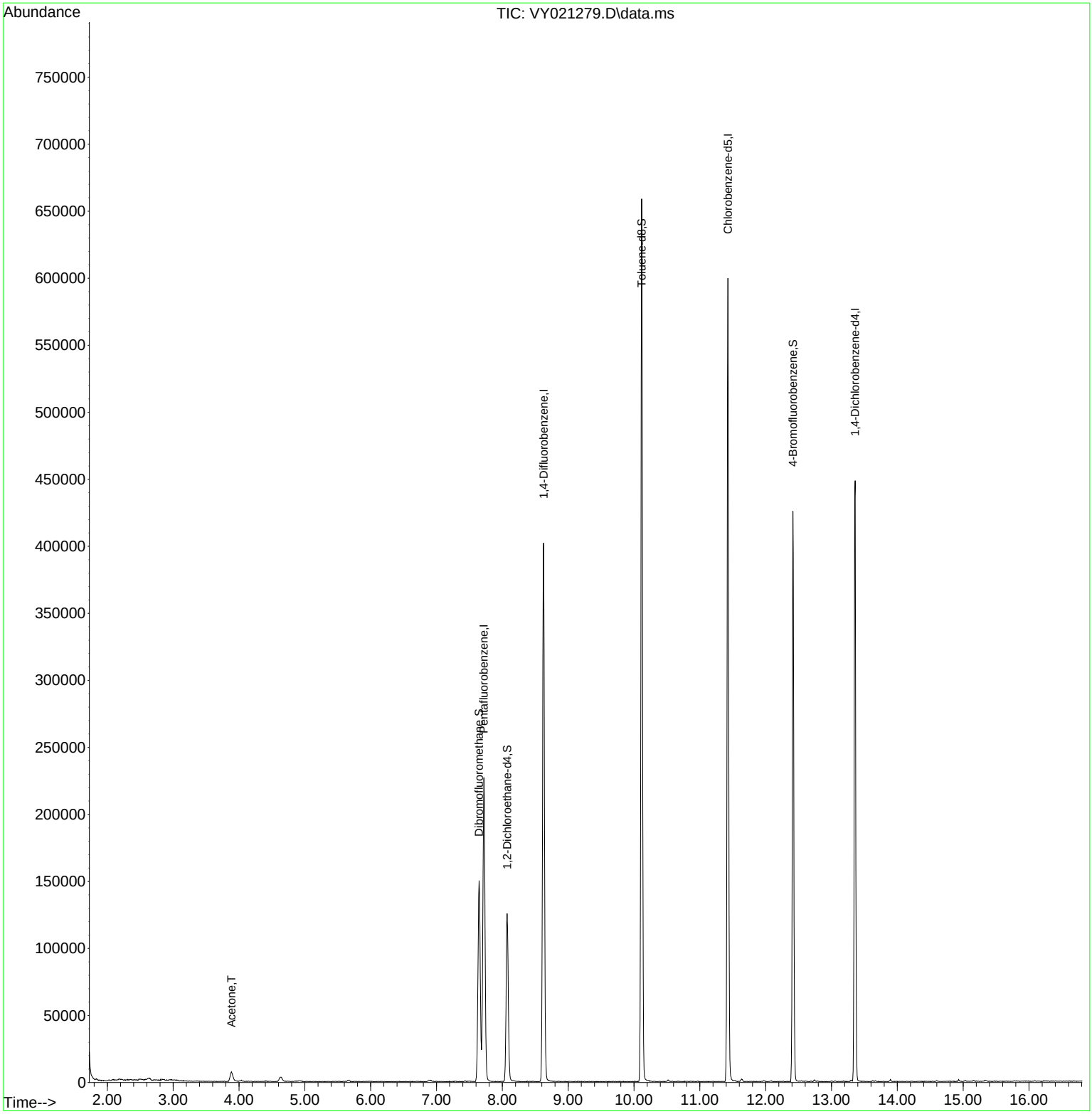
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.719	168	171670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	333989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	300893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	110482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	100924	57.379	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.760%			
35) Dibromofluoromethane	7.646	113	107594	50.268	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.540%			
50) Toluene-d8	10.115	98	405607	49.775	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.560%			
62) 4-Bromofluorobenzene	12.414	95	122481	46.008	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 92.020%			
Target Compounds						Qvalue
16) Acetone	3.885	43	13685	49.891	ug/l	96

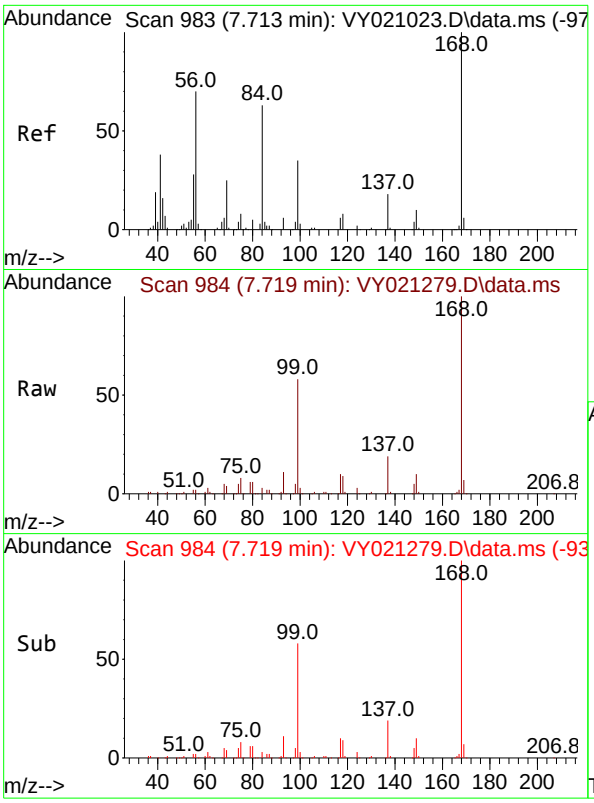
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021279.D
Acq On : 21 Feb 2025 12:41
Operator : SY/MD
Sample : Q1383-01
Misc : 5.34g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-11-021725

Quant Time: Feb 21 23:06:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration



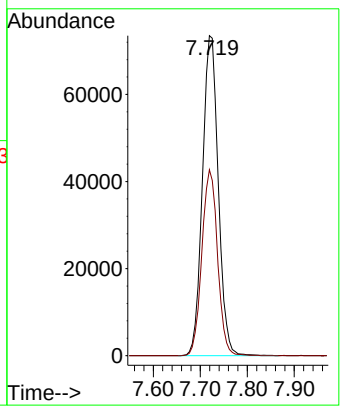


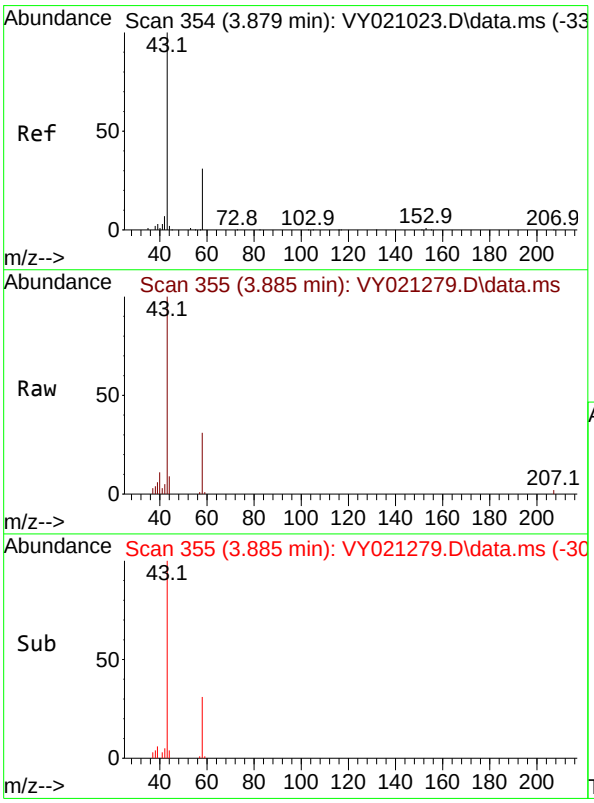
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021279.D
Acq: 21 Feb 2025 12:41

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-11-021725

Tgt Ion:168 Resp: 171670

Ion	Ratio	Lower	Upper
168	100		
99	58.1	44.2	66.4

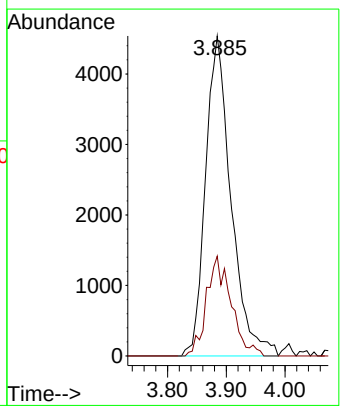


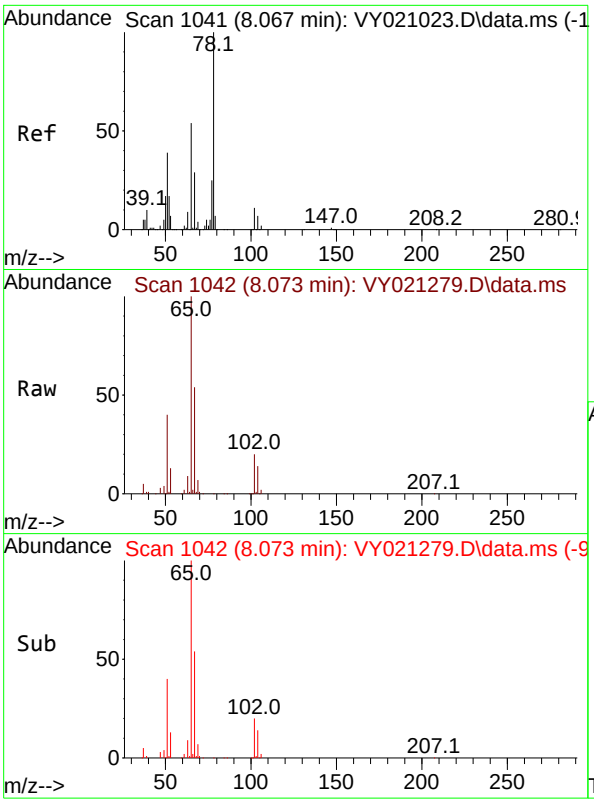


#16
Acetone
Concen: 49.891 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY021279.D
Acq: 21 Feb 2025 12:41

Tgt Ion: 43 Resp: 13685

Ion	Ratio	Lower	Upper
43	100		
58	31.2	26.6	39.8



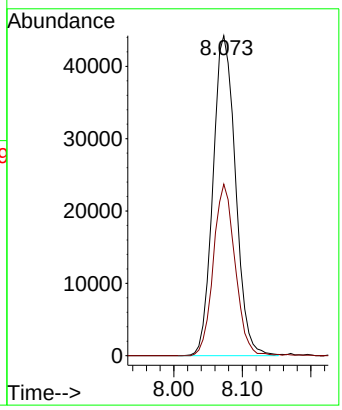


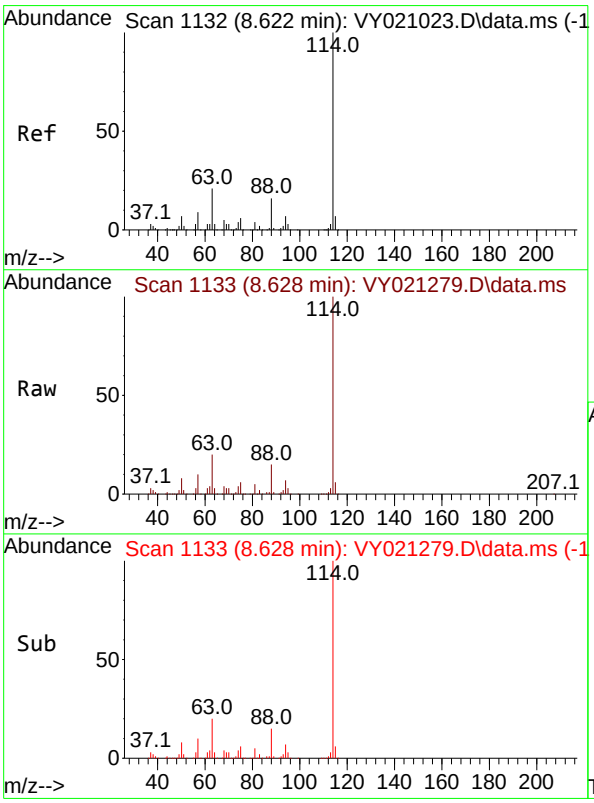
#33
1,2-Dichloroethane-d4
Concen: 57.379 ug/l
RT: 8.073 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021279.D
Acq: 21 Feb 2025 12:41

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-11-021725

Tgt Ion: 65 Resp: 100924

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	109.0

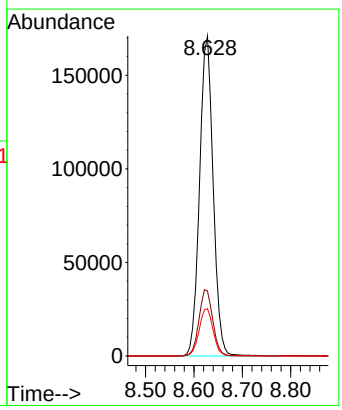


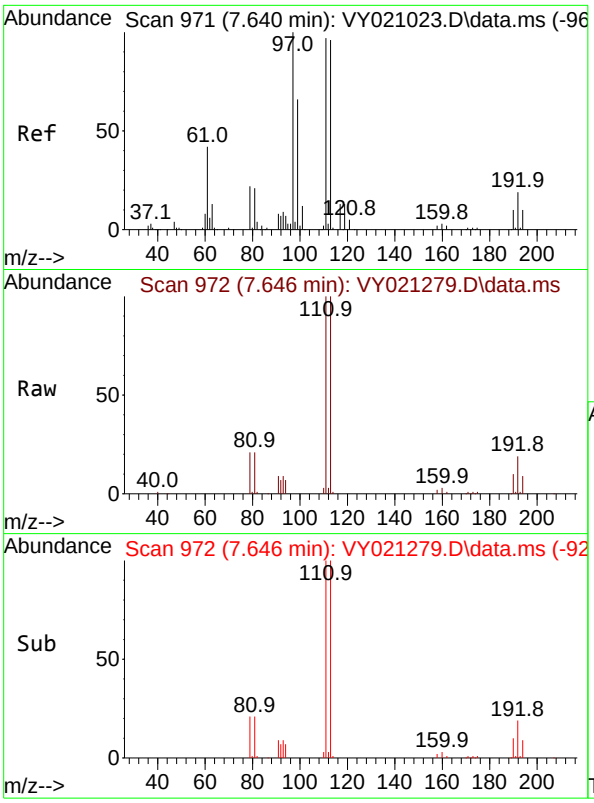


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.628 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VY021279.D
Acq: 21 Feb 2025 12:41

Tgt Ion:114 Resp: 333989

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	37.4
88	14.8	0.0	29.0



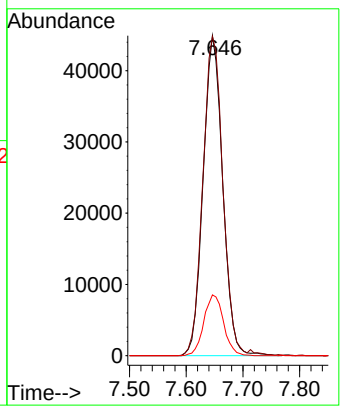


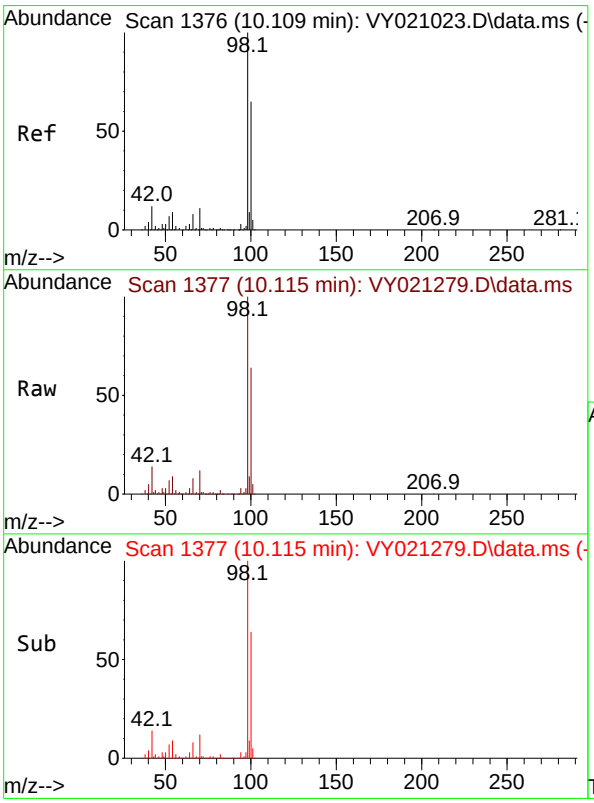
#35
Dibromofluoromethane
Concen: 50.268 ug/l
RT: 7.646 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021279.D
Acq: 21 Feb 2025 12:41

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-11-021725

Tgt Ion:113 Resp: 107594

Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.8	125.6
192	19.2	14.5	21.7

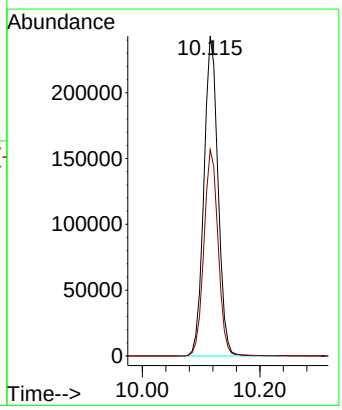


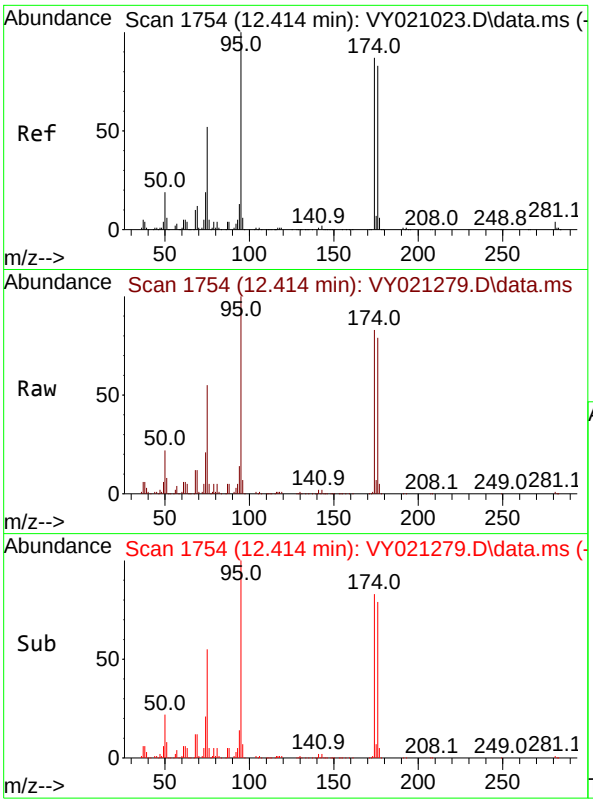


#50
Toluene-d8
Concen: 49.775 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021279.D
Acq: 21 Feb 2025 12:41

Tgt Ion: 98 Resp: 405607

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.3	78.5



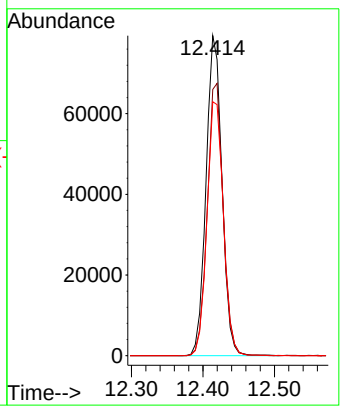


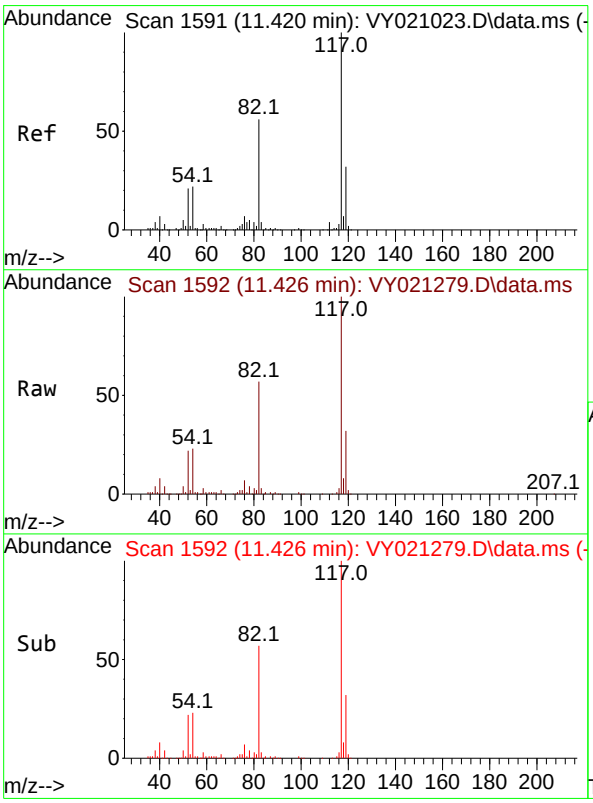
#62
4-Bromofluorobenzene
Concen: 46.008 ug/l
RT: 12.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021279.D
Acq: 21 Feb 2025 12:41

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-11-021725

Tgt Ion: 95 Resp: 122481

Ion	Ratio	Lower	Upper
95	100		
174	85.3	0.0	160.0
176	81.7	0.0	151.8

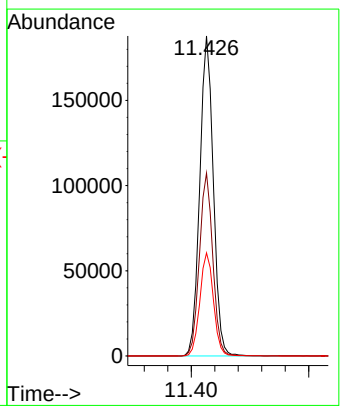


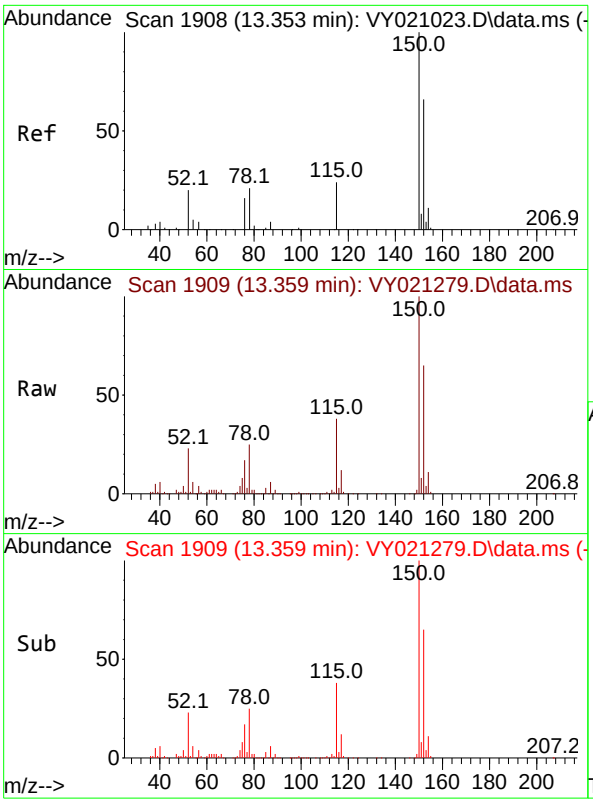


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY021279.D
Acq: 21 Feb 2025 12:41

Tgt Ion:117 Resp: 300893

Ion	Ratio	Lower	Upper
117	100		
82	57.1	43.8	65.8
119	32.2	26.5	39.7



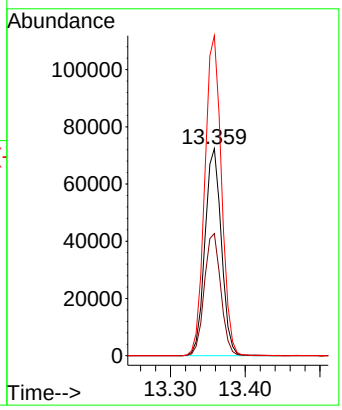


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021279.D
Acq: 21 Feb 2025 12:41

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-11-021725

Tgt Ion:152 Resp: 110482

Ion	Ratio	Lower	Upper
152	100		
115	59.1	30.0	90.0
150	156.9	0.0	344.6



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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-12-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.2
Sample Wt/Vol:	5.81 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021280.D	1		02/21/25 13:04	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0037	U	0.0015	0.0037	0.0047	mg/Kg
74-87-3	Chloromethane	0.0023	UQ	0.0011	0.0023	0.0047	mg/Kg
75-01-4	Vinyl Chloride	0.0023	UQ	0.00072	0.0023	0.0047	mg/Kg
74-83-9	Bromomethane	0.0037	U	0.00096	0.0037	0.0047	mg/Kg
75-00-3	Chloroethane	0.0023	UQ	0.00094	0.0023	0.0047	mg/Kg
109-99-9	Tetrahydrofuran	0.012	U	0.0049	0.012	0.023	mg/Kg
75-69-4	Trichlorofluoromethane	0.0037	U	0.00085	0.0037	0.0047	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0023	U	0.0010	0.0023	0.0047	mg/Kg
75-35-4	1,1-Dichloroethene	0.0023	U	0.00073	0.0023	0.0047	mg/Kg
107-13-1	Acrylonitrile	0.012	U	0.0047	0.012	0.023	mg/Kg
67-64-1	Acetone	0.019	U	0.0058	0.019	0.023	mg/Kg
75-15-0	Carbon Disulfide	0.0037	U	0.0012	0.0037	0.0047	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0023	U	0.00063	0.0023	0.0047	mg/Kg
75-09-2	Methylene Chloride	0.0075	U	0.0032	0.0075	0.0093	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0023	U	0.00078	0.0023	0.0047	mg/Kg
75-34-3	1,1-Dichloroethane	0.0023	U	0.00059	0.0023	0.0047	mg/Kg
78-93-3	2-Butanone	0.019	U	0.0053	0.019	0.023	mg/Kg
56-23-5	Carbon Tetrachloride	0.0023	U	0.00081	0.0023	0.0047	mg/Kg
594-20-7	2,2-Dichloropropane	0.0037	U	0.0015	0.0037	0.0047	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0023	U	0.00057	0.0023	0.0047	mg/Kg
67-66-3	Chloroform	0.0037	U	0.00063	0.0037	0.0047	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0023	U	0.00073	0.0023	0.0047	mg/Kg
563-58-6	1,1-Dichloropropene	0.0023	U	0.00068	0.0023	0.0047	mg/Kg
71-43-2	Benzene	0.0023	U	0.00067	0.0023	0.0047	mg/Kg
107-06-2	1,2-Dichloroethane	0.0023	U	0.00057	0.0023	0.0047	mg/Kg
79-01-6	Trichloroethene	0.0023	U	0.00070	0.0023	0.0047	mg/Kg
78-87-5	1,2-Dichloropropane	0.0023	U	0.00062	0.0023	0.0047	mg/Kg
74-95-3	Dibromomethane	0.0023	U	0.00058	0.0023	0.0047	mg/Kg
75-27-4	Bromodichloromethane	0.0023	U	0.00052	0.0023	0.0047	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.012	U	0.0041	0.012	0.023	mg/Kg

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-12-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.2
Sample Wt/Vol:	5.81 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021280.D	1		02/21/25 13:04	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0023	U	0.00063	0.0023	0.0047	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0023	U	0.00056	0.0023	0.0047	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0023	U	0.00053	0.0023	0.0047	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0023	U	0.00078	0.0023	0.0047	mg/Kg
142-28-9	1,3-Dichloropropane	0.0023	U	0.00055	0.0023	0.0047	mg/Kg
591-78-6	2-Hexanone	0.012	U	0.0045	0.012	0.023	mg/Kg
124-48-1	Dibromochloromethane	0.0023	U	0.00061	0.0023	0.0047	mg/Kg
106-93-4	1,2-Dibromoethane	0.0023	U	0.00074	0.0023	0.0047	mg/Kg
127-18-4	Tetrachloroethene	0.0023	U	0.00083	0.0023	0.0047	mg/Kg
108-90-7	Chlorobenzene	0.0023	U	0.00069	0.0023	0.0047	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0023	U	0.00060	0.0023	0.0047	mg/Kg
100-41-4	Ethyl Benzene	0.0023	U	0.00058	0.0023	0.0047	mg/Kg
179601-23-1	m/p-Xylenes	0.0047	U	0.0013	0.0047	0.0093	mg/Kg
1330-20-7	Total Xylenes	0.0070	U	0.0020	0.0070	0.014	mg/Kg
95-47-6	o-Xylene	0.0023	U	0.00065	0.0023	0.0047	mg/Kg
100-42-5	Styrene	0.0023	U	0.00056	0.0023	0.0047	mg/Kg
75-25-2	Bromoform	0.0023	U	0.00076	0.0023	0.0047	mg/Kg
98-82-8	Isopropylbenzene	0.0023	U	0.00063	0.0023	0.0047	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0023	U	0.0010	0.0023	0.0047	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0037	U	0.0011	0.0037	0.0047	mg/Kg
108-86-1	Bromobenzene	0.0023	U	0.00061	0.0023	0.0047	mg/Kg
103-65-1	n-propylbenzene	0.0023	U	0.00060	0.0023	0.0047	mg/Kg
95-49-8	2-Chlorotoluene	0.0023	U	0.00058	0.0023	0.0047	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0023	U	0.00060	0.0023	0.0047	mg/Kg
106-43-4	4-Chlorotoluene	0.0023	U	0.00055	0.0023	0.0047	mg/Kg
98-06-6	tert-Butylbenzene	0.0023	U	0.00063	0.0023	0.0047	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0023	U	0.0013	0.0023	0.0047	mg/Kg
135-98-8	sec-Butylbenzene	0.0023	U	0.00063	0.0023	0.0047	mg/Kg
99-87-6	p-Isopropyltoluene	0.0023	U	0.00054	0.0023	0.0047	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0023	U	0.00069	0.0023	0.0047	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0023	U	0.00075	0.0023	0.0047	mg/Kg

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-12-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.2
Sample Wt/Vol:	5.81 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021280.D	1		02/21/25 13:04	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0023	U	0.00059	0.0023	0.0047	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0023	U	0.00055	0.0023	0.0047	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0037	U	0.0015	0.0037	0.0047	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0023	U	0.00074	0.0023	0.0047	mg/Kg
87-68-3	Hexachlorobutadiene	0.0023	U	0.00076	0.0023	0.0047	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0023	U	0.00073	0.0023	0.0047	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0023	U	0.00075	0.0023	0.0047	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	55.2		71 - 136		110%	SPK: 50
1868-53-7	Dibromofluoromethane	49.7		78 - 119		99%	SPK: 50
2037-26-5	Toluene-d8	50.6		85 - 116		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.3		79 - 119		95%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	177000	7.719				
540-36-3	1,4-Difluorobenzene	335000	8.622				
3114-55-4	Chlorobenzene-d5	307000	11.426				
3855-82-1	1,4-Dichlorobenzene-d4	115000	13.353				

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_Y\Data\VY022125\
Data File : VY021280.D
Acq On : 21 Feb 2025 13:04
Operator : SY/MD
Sample : Q1383-03
Misc : 5.81g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-12-021725

Quant Time: Feb 21 23:06:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

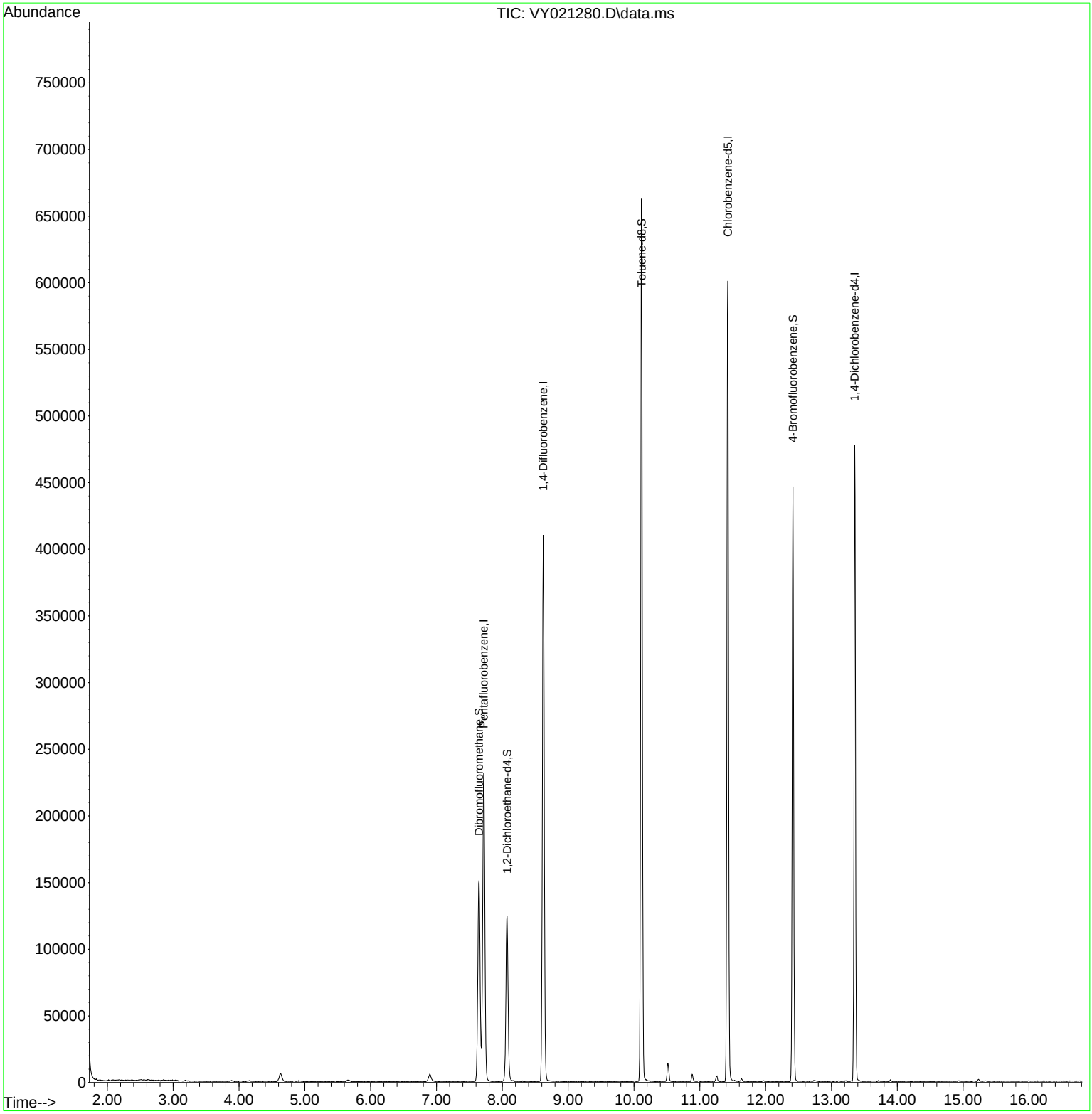
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.719	168	176624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	335490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	306712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	115459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	99937	55.224	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.440%			
35) Dibromofluoromethane	7.646	113	106939	49.738	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.480%			
50) Toluene-d8	10.115	98	414341	50.620	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.240%			
62) 4-Bromofluorobenzene	12.414	95	126400	47.268	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.540%			
Target Compounds						Qvalue

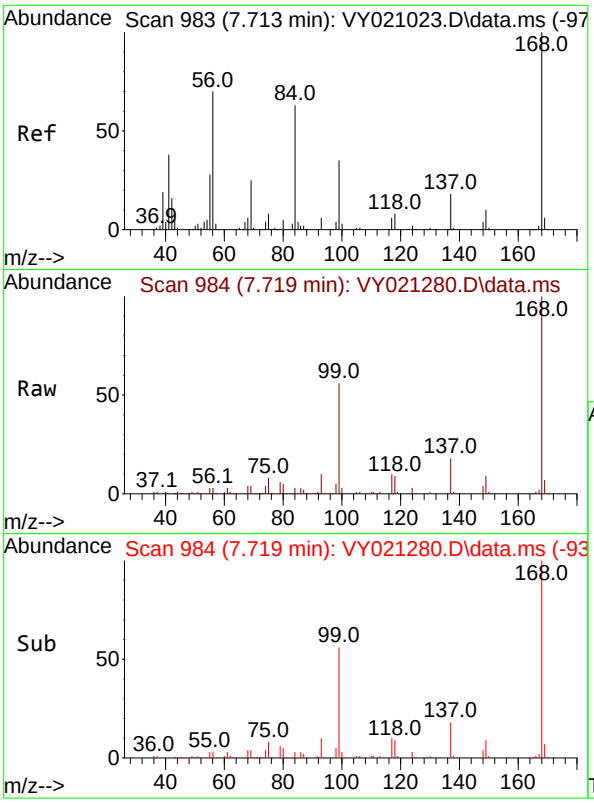
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021280.D
Acq On : 21 Feb 2025 13:04
Operator : SY/MD
Sample : Q1383-03
Misc : 5.81g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-12-021725

Quant Time: Feb 21 23:06:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration



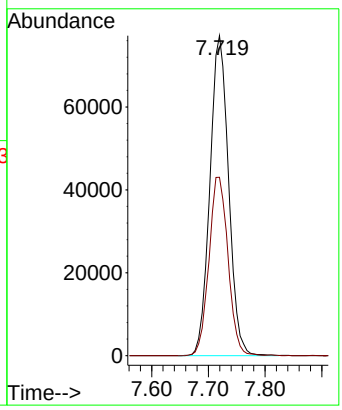


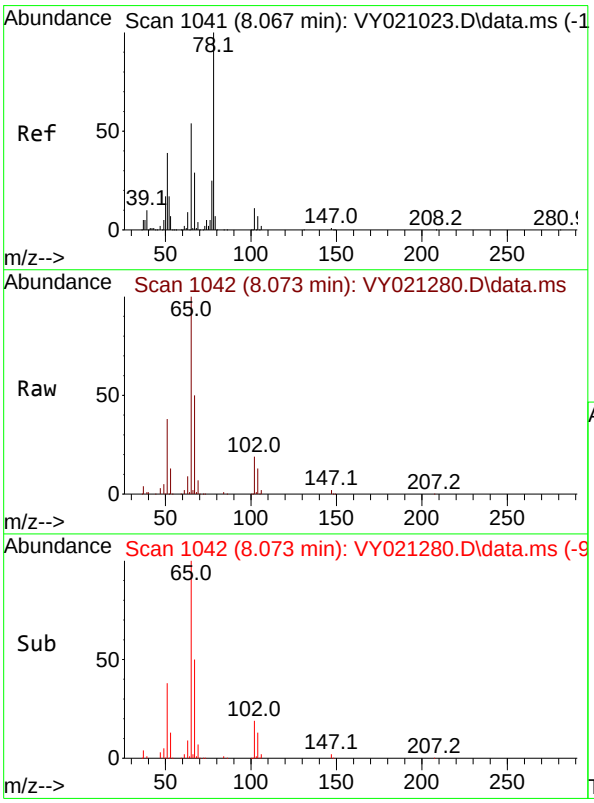
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021280.D
Acq: 21 Feb 2025 13:04

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-12-021725

Tgt Ion:168 Resp: 176624

Ion	Ratio	Lower	Upper
168	100		
99	55.7	44.2	66.4

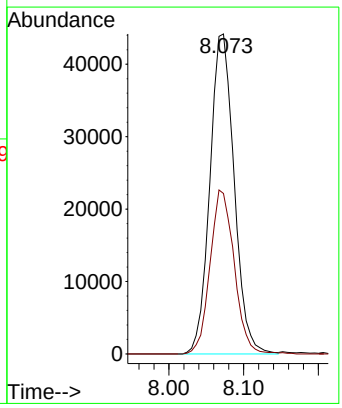


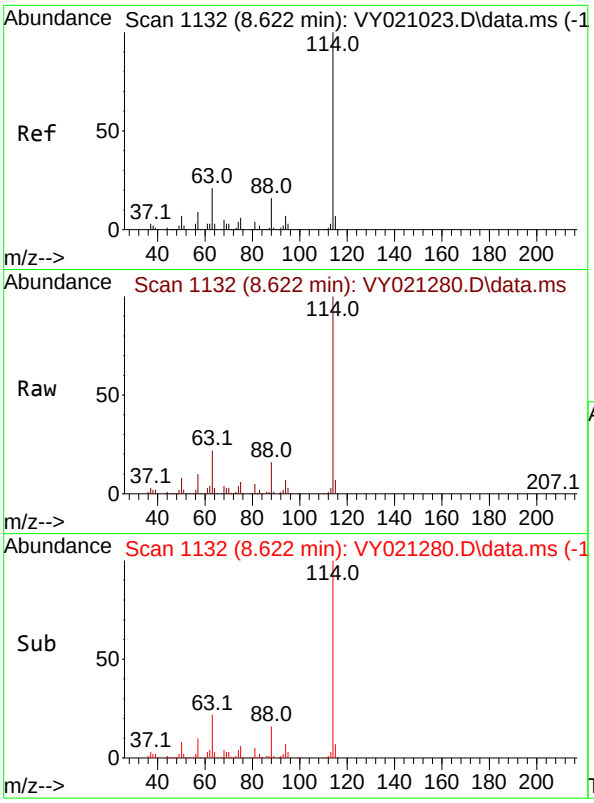


#33
1,2-Dichloroethane-d4
Concen: 55.224 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021280.D
Acq: 21 Feb 2025 13:04

Tgt Ion: 65 Resp: 99937

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	109.0



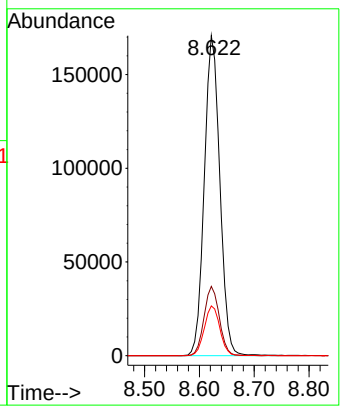


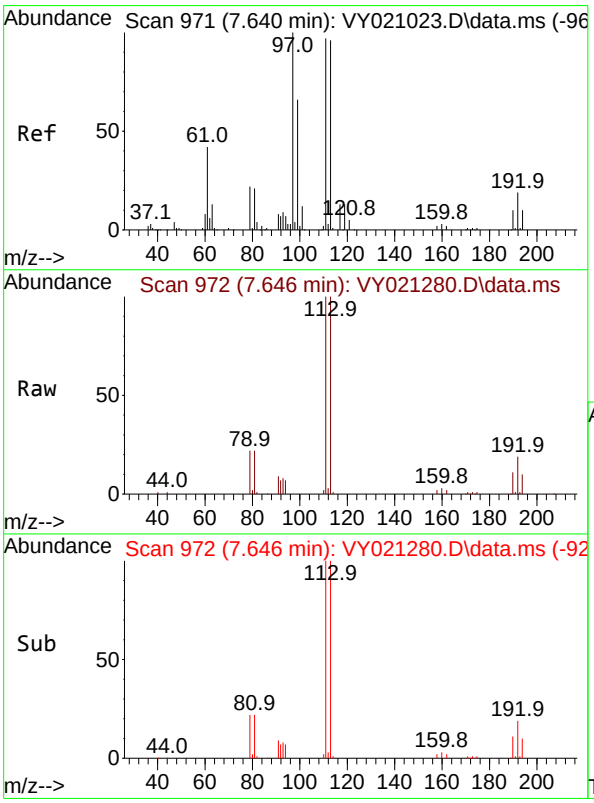
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021280.D
Acq: 21 Feb 2025 13:04

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-12-021725

Tgt Ion:114 Resp: 335490

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	37.4
88	15.6	0.0	29.0

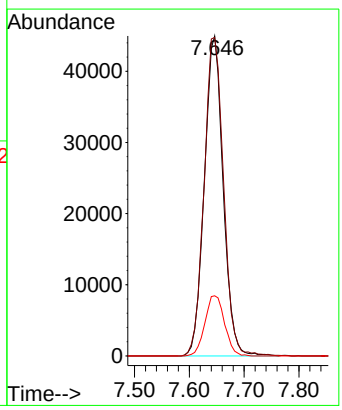


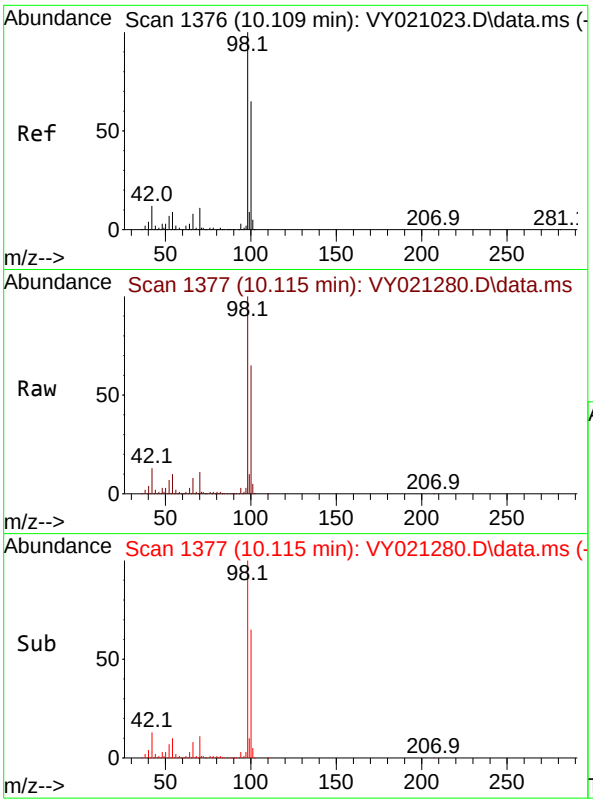


#35
Dibromofluoromethane
Concen: 49.738 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.006 min
Lab File: VY021280.D
Acq: 21 Feb 2025 13:04

Tgt Ion:113 Resp: 106939

Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.8	125.6
192	19.7	14.5	21.7



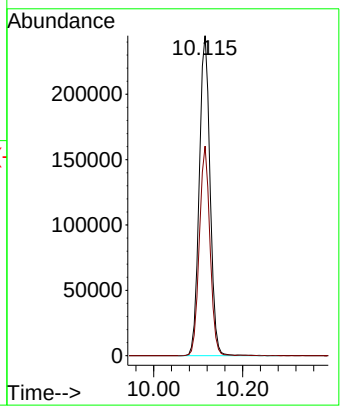


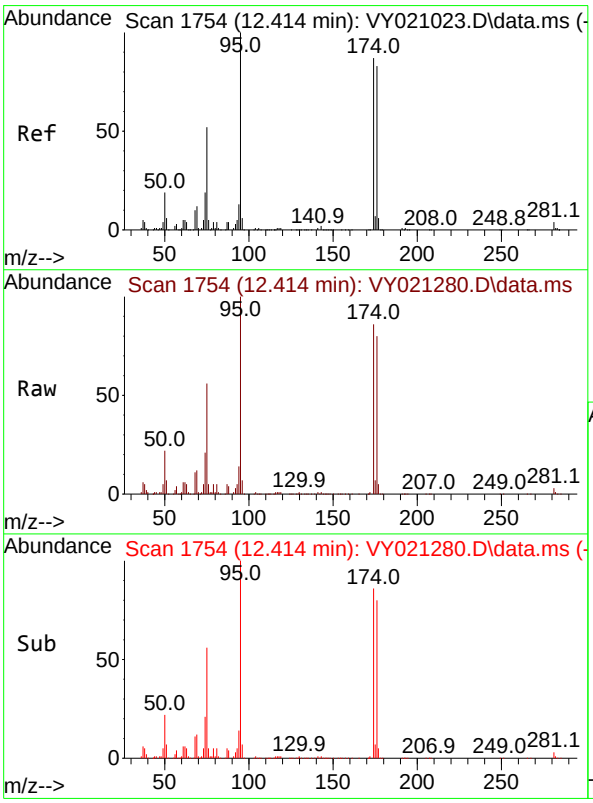
#50
Toluene-d8
Concen: 50.620 ug/l
RT: 10.115 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021280.D
Acq: 21 Feb 2025 13:04

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-12-021725

Tgt Ion: 98 Resp: 414341

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.3	78.5

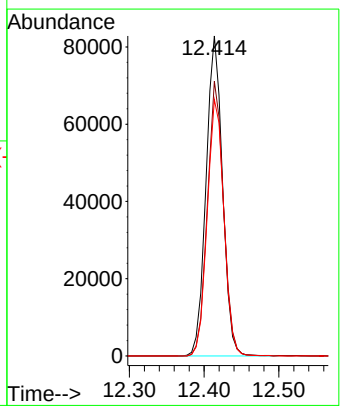


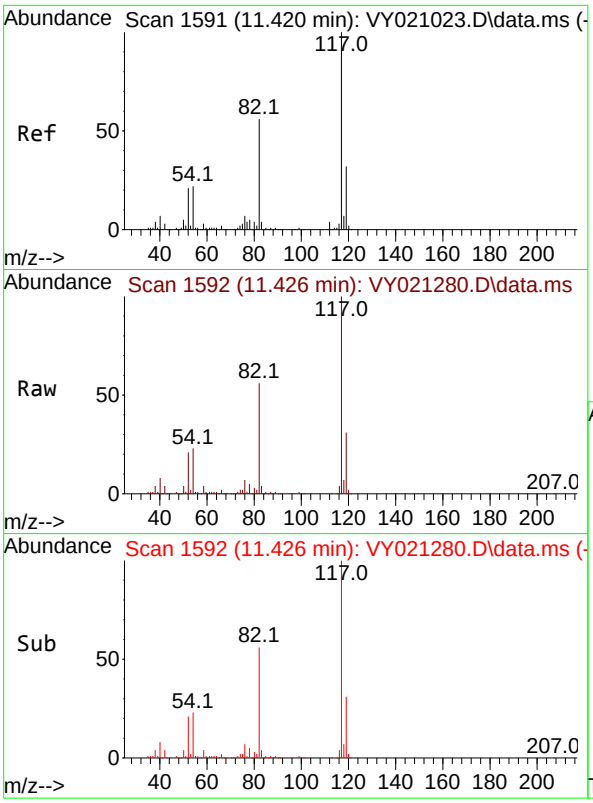


#62
4-Bromofluorobenzene
Concen: 47.268 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021280.D
Acq: 21 Feb 2025 13:04

Tgt Ion: 95 Resp: 126400

Ion	Ratio	Lower	Upper
95	100		
174	84.7	0.0	160.0
176	81.2	0.0	151.8



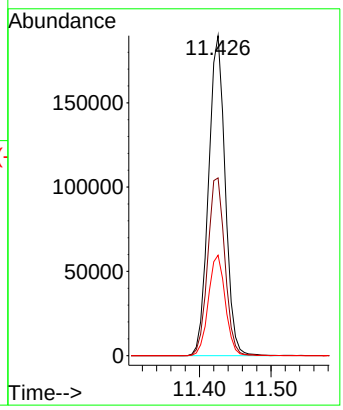


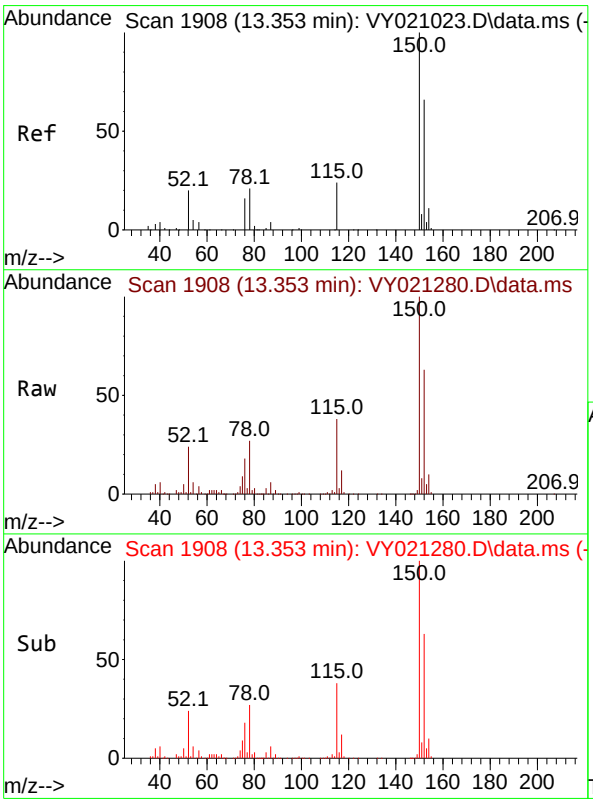
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021280.D
Acq: 21 Feb 2025 13:04

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-12-021725

Tgt Ion:117 Resp: 306712

Ion	Ratio	Lower	Upper
117	100		
82	55.6	43.8	65.8
119	31.4	26.5	39.7

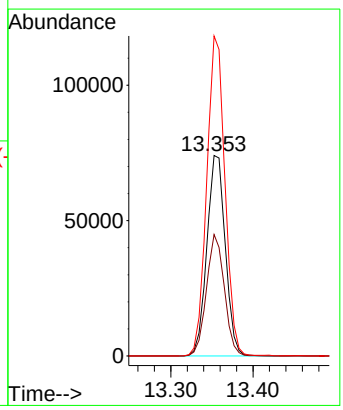




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021280.D
Acq: 21 Feb 2025 13:04

Tgt Ion:152 Resp: 115459

Ion	Ratio	Lower	Upper
152	100		
115	58.7	30.0	90.0
150	157.1	0.0	344.6



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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-13-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.5
Sample Wt/Vol:	5.82 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021281.D	1		02/21/25 13:27	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0037	U	0.0015	0.0037	0.0046	mg/Kg
74-87-3	Chloromethane	0.0023	UQ	0.0011	0.0023	0.0046	mg/Kg
75-01-4	Vinyl Chloride	0.0023	UQ	0.00072	0.0023	0.0046	mg/Kg
74-83-9	Bromomethane	0.0037	U	0.00096	0.0037	0.0046	mg/Kg
75-00-3	Chloroethane	0.0023	UQ	0.00094	0.0023	0.0046	mg/Kg
109-99-9	Tetrahydrofuran	0.012	U	0.0049	0.012	0.023	mg/Kg
75-69-4	Trichlorofluoromethane	0.0037	U	0.00085	0.0037	0.0046	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0023	U	0.00099	0.0023	0.0046	mg/Kg
75-35-4	1,1-Dichloroethene	0.0023	U	0.00072	0.0023	0.0046	mg/Kg
107-13-1	Acrylonitrile	0.012	U	0.0047	0.012	0.023	mg/Kg
67-64-1	Acetone	0.085		0.0058	0.019	0.023	mg/Kg
75-15-0	Carbon Disulfide	0.0037	U	0.0012	0.0037	0.0046	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0023	U	0.00062	0.0023	0.0046	mg/Kg
75-09-2	Methylene Chloride	0.0074	U	0.0032	0.0074	0.0093	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0023	U	0.00078	0.0023	0.0046	mg/Kg
75-34-3	1,1-Dichloroethane	0.0023	U	0.00059	0.0023	0.0046	mg/Kg
78-93-3	2-Butanone	0.019	U	0.0053	0.019	0.023	mg/Kg
56-23-5	Carbon Tetrachloride	0.0023	U	0.00081	0.0023	0.0046	mg/Kg
594-20-7	2,2-Dichloropropane	0.0037	U	0.0015	0.0037	0.0046	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0023	U	0.00057	0.0023	0.0046	mg/Kg
67-66-3	Chloroform	0.0037	U	0.00062	0.0037	0.0046	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0023	U	0.00072	0.0023	0.0046	mg/Kg
563-58-6	1,1-Dichloropropene	0.0023	U	0.00068	0.0023	0.0046	mg/Kg
71-43-2	Benzene	0.0023	U	0.00067	0.0023	0.0046	mg/Kg
107-06-2	1,2-Dichloroethane	0.0023	U	0.00057	0.0023	0.0046	mg/Kg
79-01-6	Trichloroethene	0.0023	U	0.00070	0.0023	0.0046	mg/Kg
78-87-5	1,2-Dichloropropane	0.0023	U	0.00061	0.0023	0.0046	mg/Kg
74-95-3	Dibromomethane	0.0023	U	0.00058	0.0023	0.0046	mg/Kg
75-27-4	Bromodichloromethane	0.0023	U	0.00052	0.0023	0.0046	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.012	U	0.0040	0.012	0.023	mg/Kg

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-13-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.5
Sample Wt/Vol:	5.82 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021281.D	1		02/21/25 13:27	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0023	U	0.00062	0.0023	0.0046	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0023	U	0.00056	0.0023	0.0046	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0023	U	0.00053	0.0023	0.0046	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0023	U	0.00078	0.0023	0.0046	mg/Kg
142-28-9	1,3-Dichloropropane	0.0023	U	0.00055	0.0023	0.0046	mg/Kg
591-78-6	2-Hexanone	0.012	U	0.0044	0.012	0.023	mg/Kg
124-48-1	Dibromochloromethane	0.0023	U	0.00060	0.0023	0.0046	mg/Kg
106-93-4	1,2-Dibromoethane	0.0023	U	0.00073	0.0023	0.0046	mg/Kg
127-18-4	Tetrachloroethene	0.0023	U	0.00083	0.0023	0.0046	mg/Kg
108-90-7	Chlorobenzene	0.0023	U	0.00069	0.0023	0.0046	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0023	U	0.00059	0.0023	0.0046	mg/Kg
100-41-4	Ethyl Benzene	0.0023	U	0.00058	0.0023	0.0046	mg/Kg
179601-23-1	m/p-Xylenes	0.0046	U	0.0013	0.0046	0.0093	mg/Kg
1330-20-7	Total Xylenes	0.0069	U	0.0020	0.0069	0.014	mg/Kg
95-47-6	o-Xylene	0.0023	U	0.00065	0.0023	0.0046	mg/Kg
100-42-5	Styrene	0.0023	U	0.00056	0.0023	0.0046	mg/Kg
75-25-2	Bromoform	0.0023	U	0.00075	0.0023	0.0046	mg/Kg
98-82-8	Isopropylbenzene	0.0023	U	0.00062	0.0023	0.0046	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0023	U	0.0010	0.0023	0.0046	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0037	U	0.0011	0.0037	0.0046	mg/Kg
108-86-1	Bromobenzene	0.0023	U	0.00060	0.0023	0.0046	mg/Kg
103-65-1	n-propylbenzene	0.0023	U	0.00059	0.0023	0.0046	mg/Kg
95-49-8	2-Chlorotoluene	0.0023	U	0.00058	0.0023	0.0046	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0023	U	0.00059	0.0023	0.0046	mg/Kg
106-43-4	4-Chlorotoluene	0.0023	U	0.00055	0.0023	0.0046	mg/Kg
98-06-6	tert-Butylbenzene	0.0023	U	0.00062	0.0023	0.0046	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0023	U	0.0013	0.0023	0.0046	mg/Kg
135-98-8	sec-Butylbenzene	0.0023	U	0.00062	0.0023	0.0046	mg/Kg
99-87-6	p-Isopropyltoluene	0.0023	U	0.00054	0.0023	0.0046	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0023	U	0.00069	0.0023	0.0046	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0023	U	0.00074	0.0023	0.0046	mg/Kg

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-13-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.5
Sample Wt/Vol:	5.82 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021281.D	1		02/21/25 13:27	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0023	U	0.00059	0.0023	0.0046	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0023	U	0.00055	0.0023	0.0046	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0037	U	0.0014	0.0037	0.0046	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0023	U	0.00073	0.0023	0.0046	mg/Kg
87-68-3	Hexachlorobutadiene	0.0023	U	0.00075	0.0023	0.0046	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0023	U	0.00072	0.0023	0.0046	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0023	U	0.00074	0.0023	0.0046	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	63.3		71 - 136		127%	SPK: 50
1868-53-7	Dibromofluoromethane	51.4		78 - 119		103%	SPK: 50
2037-26-5	Toluene-d8	50.2		85 - 116		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.5		79 - 119		99%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	170000	7.719				
540-36-3	1,4-Difluorobenzene	334000	8.622				
3114-55-4	Chlorobenzene-d5	312000	11.426				
3855-82-1	1,4-Dichlorobenzene-d4	125000	13.353				

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_Y\Data\VY022125\
Data File : VY021281.D
Acq On : 21 Feb 2025 13:27
Operator : SY/MD
Sample : Q1383-05
Misc : 5.82g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-13-021725

Quant Time: Feb 21 23:06:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

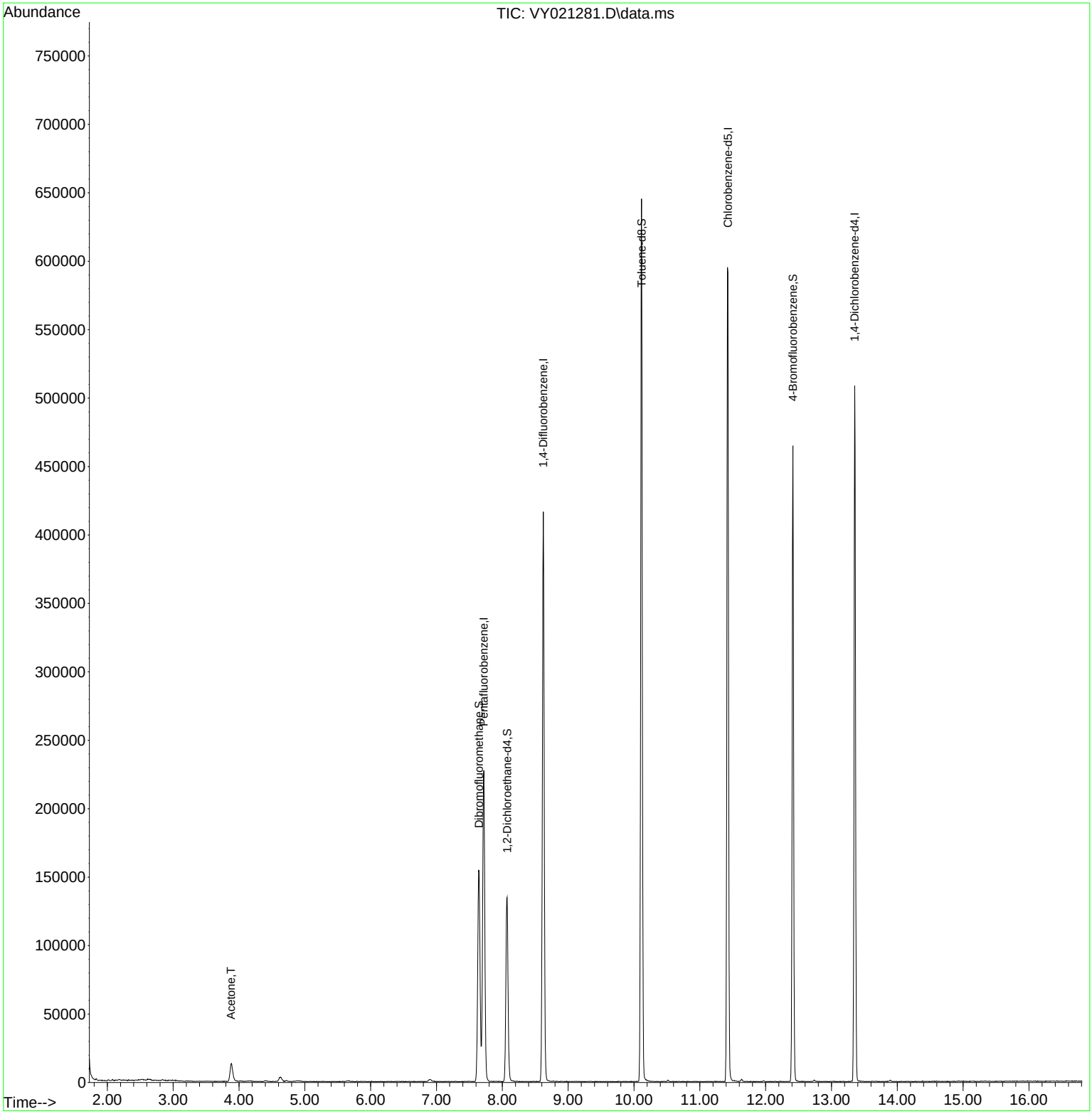
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.719	168	169914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	334383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	312411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	125048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	110186	63.292	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.580%			
35) Dibromofluoromethane	7.646	113	110221	51.434	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.860%			
50) Toluene-d8	10.115	98	409432	50.186	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.380%			
62) 4-Bromofluorobenzene	12.414	95	131965	49.512	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.020%			
Target Compounds						Qvalue
16) Acetone	3.879	43	24829	91.454	ug/l	93

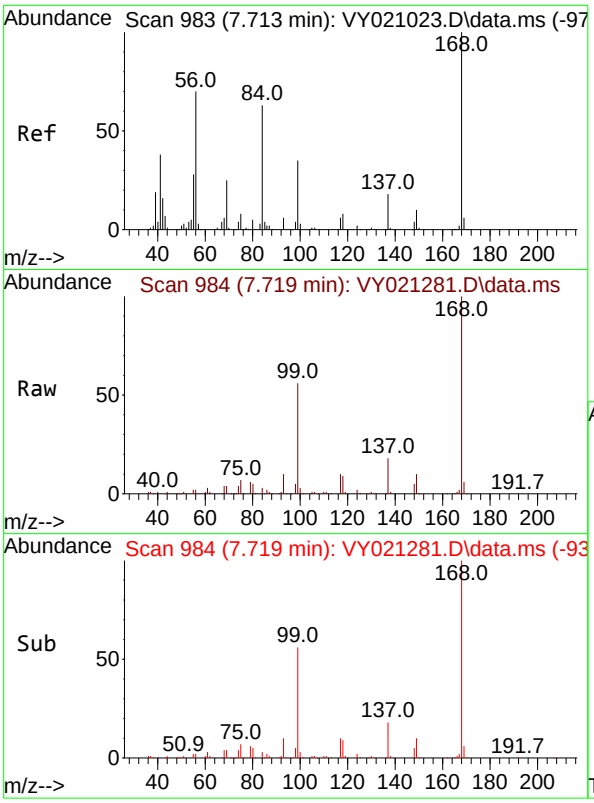
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021281.D
Acq On : 21 Feb 2025 13:27
Operator : SY/MD
Sample : Q1383-05
Misc : 5.82g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-13-021725

Quant Time: Feb 21 23:06:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration



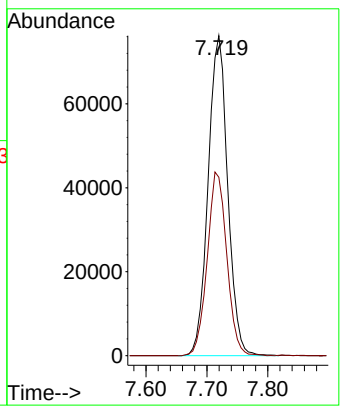


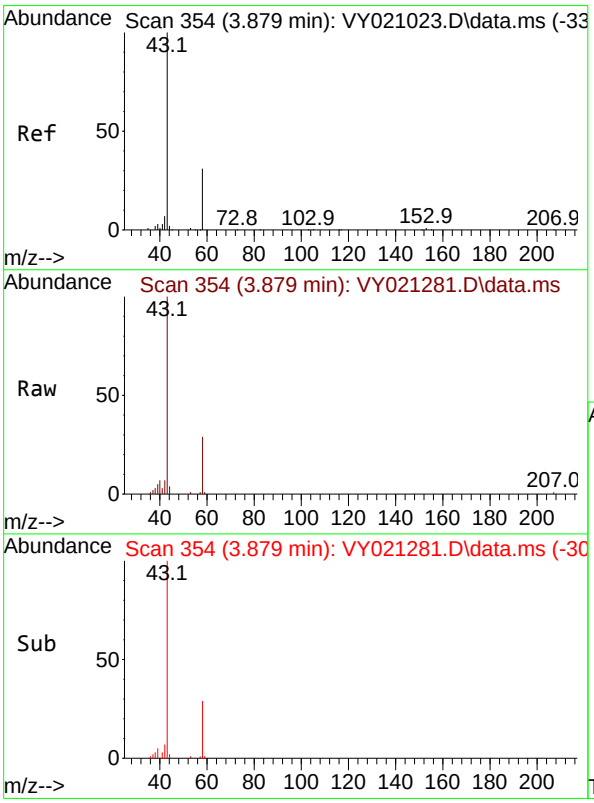
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021281.D
Acq: 21 Feb 2025 13:27

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-13-021725

Tgt Ion:168 Resp: 169914

Ion	Ratio	Lower	Upper
168	100		
99	55.7	44.2	66.4

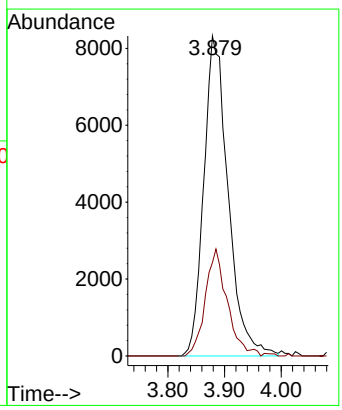


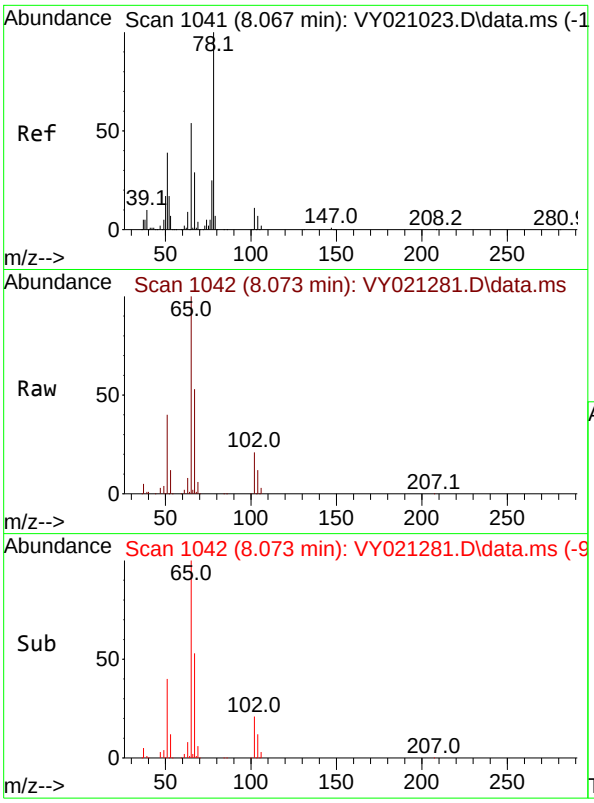


#16
Acetone
Concen: 91.454 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021281.D
Acq: 21 Feb 2025 13:27

Tgt Ion: 43 Resp: 24829

Ion	Ratio	Lower	Upper
43	100		
58	29.2	26.6	39.8



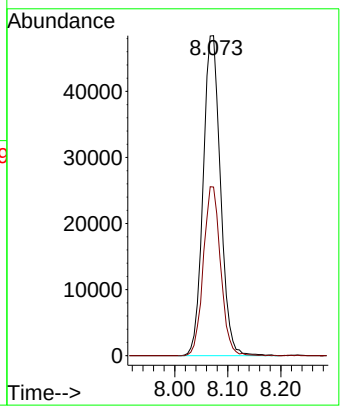


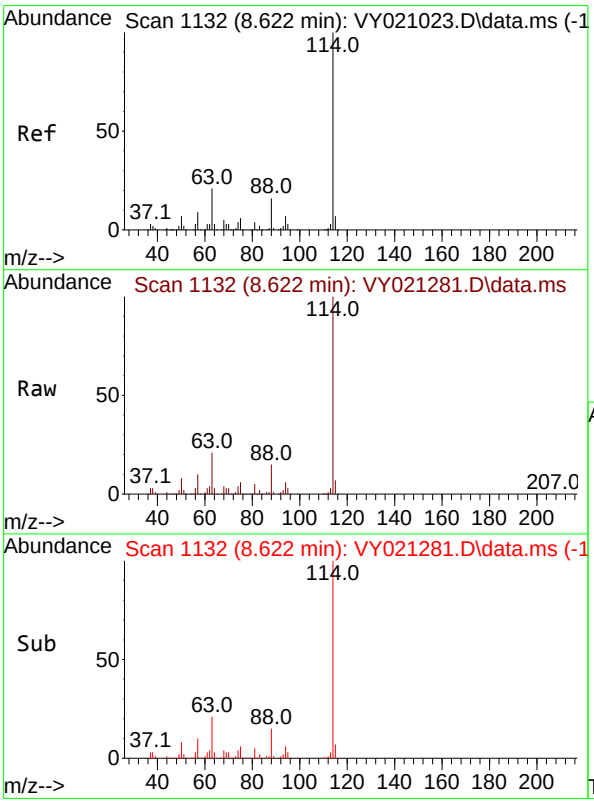
#33
1,2-Dichloroethane-d4
Concen: 63.292 ug/l
RT: 8.073 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021281.D
Acq: 21 Feb 2025 13:27

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-13-021725

Tgt Ion: 65 Resp: 110186

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	109.0

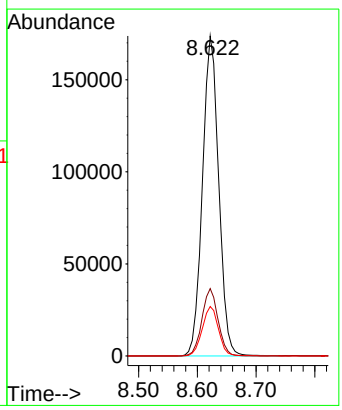


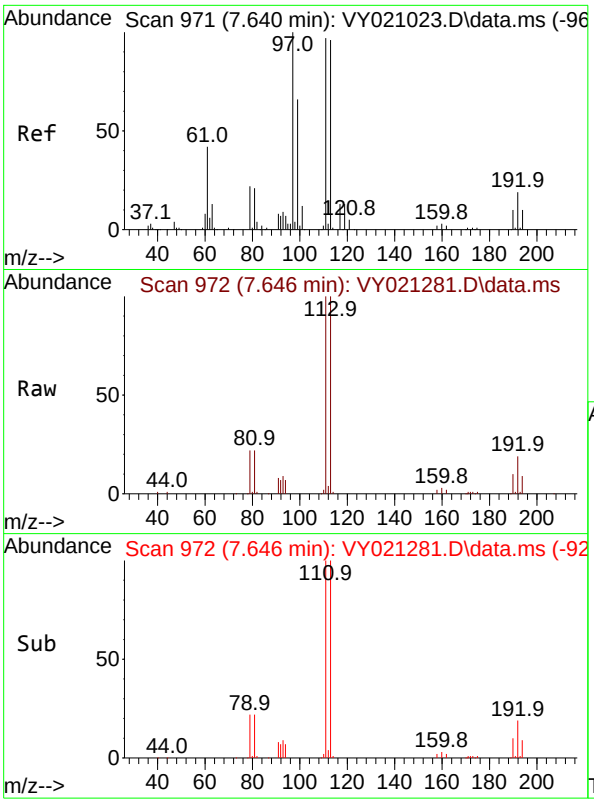


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021281.D
Acq: 21 Feb 2025 13:27

Tgt Ion:114 Resp: 334383

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	37.4
88	15.4	0.0	29.0



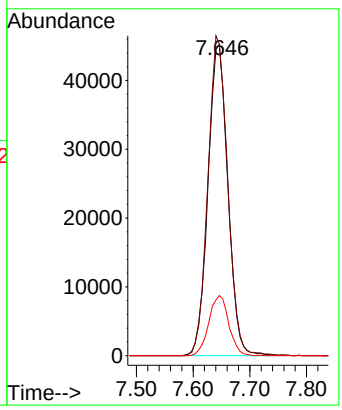


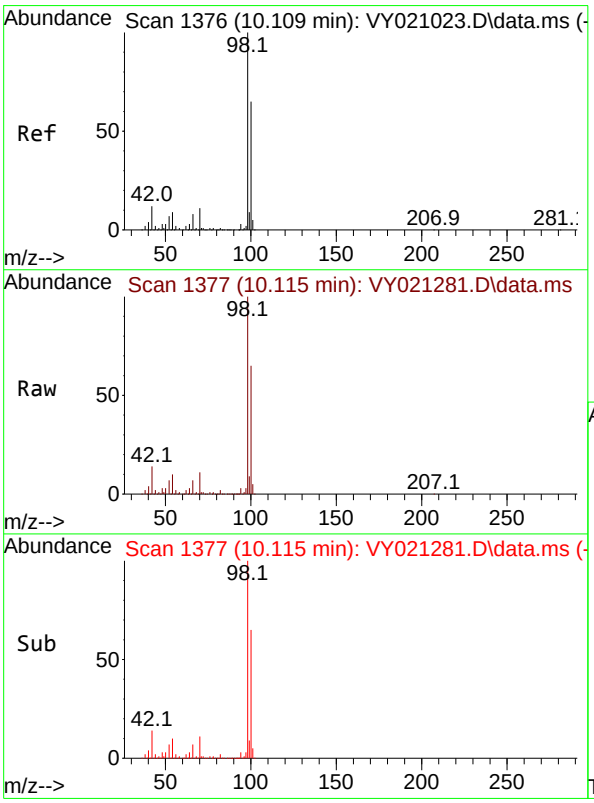
#35
Dibromofluoromethane
Concen: 51.434 ug/l
RT: 7.646 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021281.D
Acq: 21 Feb 2025 13:27

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-13-021725

Tgt Ion:113 Resp: 110221

Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.8	125.6
192	19.4	14.5	21.7

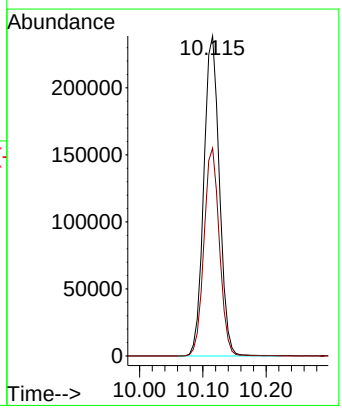


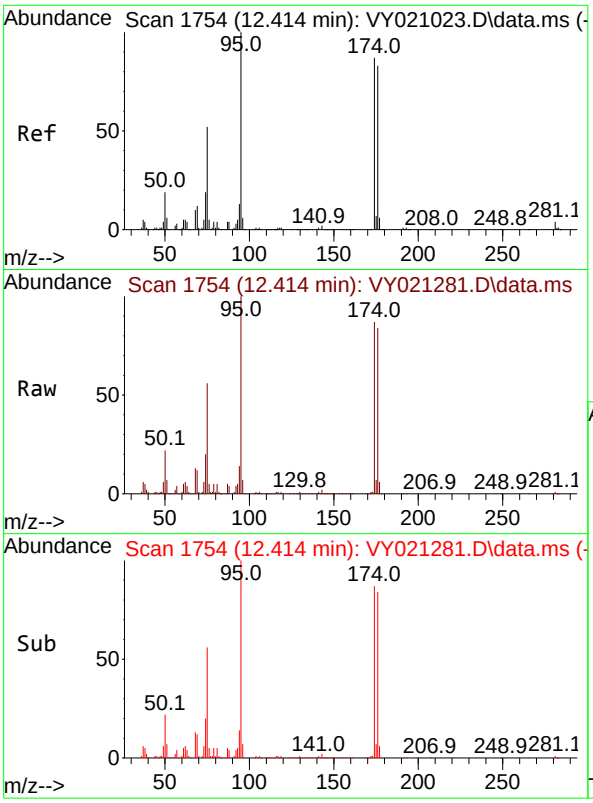


#50
Toluene-d8
Concen: 50.186 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021281.D
Acq: 21 Feb 2025 13:27

Tgt Ion: 98 Resp: 409432

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.3	78.5



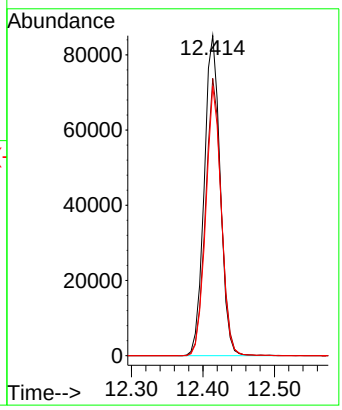


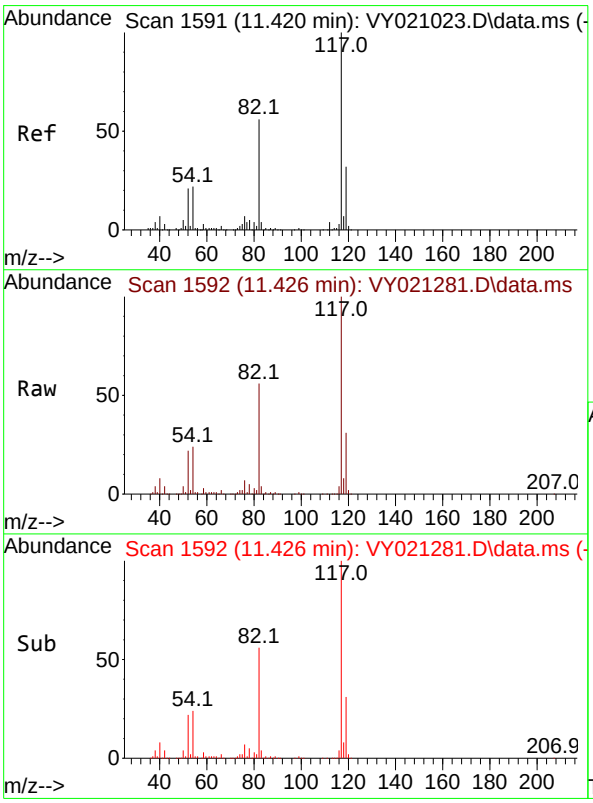
#62
4-Bromofluorobenzene
Concen: 49.512 ug/l
RT: 12.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021281.D
Acq: 21 Feb 2025 13:27

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-13-021725

Tgt Ion: 95 Resp: 131965

Ion	Ratio	Lower	Upper
95	100		
174	84.9	0.0	160.0
176	81.5	0.0	151.8

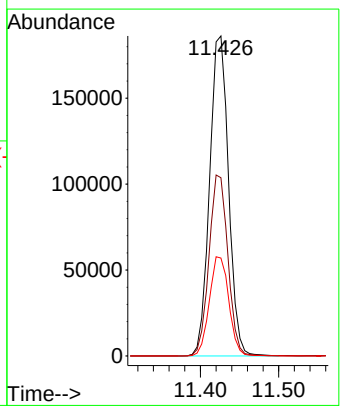


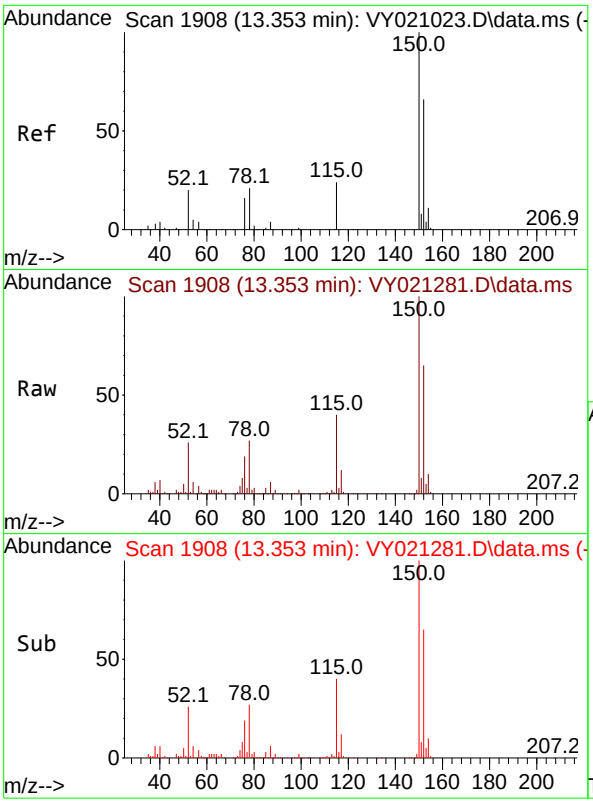


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY021281.D
Acq: 21 Feb 2025 13:27

Tgt Ion:117 Resp: 312411

Ion	Ratio	Lower	Upper
117	100		
82	55.7	43.8	65.8
119	30.6	26.5	39.7



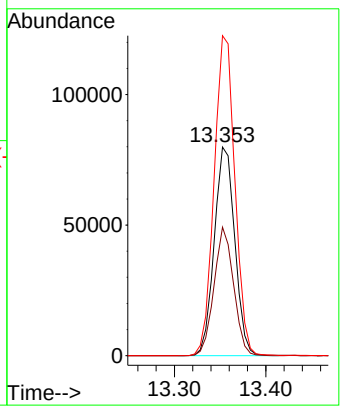


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021281.D
Acq: 21 Feb 2025 13:27

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-13-021725

Tgt Ion:152 Resp: 125048

Ion	Ratio	Lower	Upper
152	100		
115	58.6	30.0	90.0
150	154.9	0.0	344.6



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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-14-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.1
Sample Wt/Vol:	5.57 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021282.D	1		02/21/25 13:51	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0039	U	0.0016	0.0039	0.0049	mg/Kg
74-87-3	Chloromethane	0.0024	UQ	0.0011	0.0024	0.0049	mg/Kg
75-01-4	Vinyl Chloride	0.0024	UQ	0.00075	0.0024	0.0049	mg/Kg
74-83-9	Bromomethane	0.0039	U	0.0010	0.0039	0.0049	mg/Kg
75-00-3	Chloroethane	0.0024	UQ	0.00098	0.0024	0.0049	mg/Kg
109-99-9	Tetrahydrofuran	0.012	U	0.0051	0.012	0.024	mg/Kg
75-69-4	Trichlorofluoromethane	0.0039	U	0.00089	0.0039	0.0049	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0024	U	0.0010	0.0024	0.0049	mg/Kg
75-35-4	1,1-Dichloroethene	0.0024	U	0.00076	0.0024	0.0049	mg/Kg
107-13-1	Acrylonitrile	0.012	U	0.0049	0.012	0.024	mg/Kg
67-64-1	Acetone	0.066		0.0061	0.020	0.024	mg/Kg
75-15-0	Carbon Disulfide	0.0039	U	0.0012	0.0039	0.0049	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0024	U	0.00065	0.0024	0.0049	mg/Kg
75-09-2	Methylene Chloride	0.0078	U	0.0033	0.0078	0.0097	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0024	U	0.00082	0.0024	0.0049	mg/Kg
75-34-3	1,1-Dichloroethane	0.0024	U	0.00061	0.0024	0.0049	mg/Kg
78-93-3	2-Butanone	0.020	U	0.0055	0.020	0.024	mg/Kg
56-23-5	Carbon Tetrachloride	0.0024	U	0.00085	0.0024	0.0049	mg/Kg
594-20-7	2,2-Dichloropropane	0.0039	U	0.0015	0.0039	0.0049	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0024	U	0.00059	0.0024	0.0049	mg/Kg
67-66-3	Chloroform	0.0039	U	0.00065	0.0039	0.0049	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0024	U	0.00076	0.0024	0.0049	mg/Kg
563-58-6	1,1-Dichloropropene	0.0024	U	0.00071	0.0024	0.0049	mg/Kg
71-43-2	Benzene	0.0024	U	0.00070	0.0024	0.0049	mg/Kg
107-06-2	1,2-Dichloroethane	0.0024	U	0.00059	0.0024	0.0049	mg/Kg
79-01-6	Trichloroethene	0.0024	U	0.00073	0.0024	0.0049	mg/Kg
78-87-5	1,2-Dichloropropane	0.0024	U	0.00064	0.0024	0.0049	mg/Kg
74-95-3	Dibromomethane	0.0024	U	0.00060	0.0024	0.0049	mg/Kg
75-27-4	Bromodichloromethane	0.0024	U	0.00055	0.0024	0.0049	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.012	U	0.0042	0.012	0.024	mg/Kg

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-14-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.1
Sample Wt/Vol:	5.57 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021282.D	1		02/21/25 13:51	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0024	U	0.00065	0.0024	0.0049	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0024	U	0.00058	0.0024	0.0049	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0024	U	0.00056	0.0024	0.0049	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0024	U	0.00082	0.0024	0.0049	mg/Kg
142-28-9	1,3-Dichloropropane	0.0024	U	0.00058	0.0024	0.0049	mg/Kg
591-78-6	2-Hexanone	0.012	U	0.0047	0.012	0.024	mg/Kg
124-48-1	Dibromochloromethane	0.0024	U	0.00063	0.0024	0.0049	mg/Kg
106-93-4	1,2-Dibromoethane	0.0024	U	0.00077	0.0024	0.0049	mg/Kg
127-18-4	Tetrachloroethene	0.0024	U	0.00087	0.0024	0.0049	mg/Kg
108-90-7	Chlorobenzene	0.0024	U	0.00072	0.0024	0.0049	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0024	U	0.00062	0.0024	0.0049	mg/Kg
100-41-4	Ethyl Benzene	0.0024	U	0.00060	0.0024	0.0049	mg/Kg
179601-23-1	m/p-Xylenes	0.0049	U	0.0013	0.0049	0.0097	mg/Kg
1330-20-7	Total Xylenes	0.0073	U	0.0020	0.0073	0.015	mg/Kg
95-47-6	o-Xylene	0.0024	U	0.00068	0.0024	0.0049	mg/Kg
100-42-5	Styrene	0.0024	U	0.00058	0.0024	0.0049	mg/Kg
75-25-2	Bromoform	0.0024	U	0.00079	0.0024	0.0049	mg/Kg
98-82-8	Isopropylbenzene	0.0024	U	0.00065	0.0024	0.0049	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0024	U	0.0011	0.0024	0.0049	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0039	U	0.0011	0.0039	0.0049	mg/Kg
108-86-1	Bromobenzene	0.0024	U	0.00063	0.0024	0.0049	mg/Kg
103-65-1	n-propylbenzene	0.0024	U	0.00062	0.0024	0.0049	mg/Kg
95-49-8	2-Chlorotoluene	0.0024	U	0.00060	0.0024	0.0049	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0024	U	0.00062	0.0024	0.0049	mg/Kg
106-43-4	4-Chlorotoluene	0.0024	U	0.00058	0.0024	0.0049	mg/Kg
98-06-6	tert-Butylbenzene	0.0024	U	0.00065	0.0024	0.0049	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0024	U	0.0013	0.0024	0.0049	mg/Kg
135-98-8	sec-Butylbenzene	0.0024	U	0.00065	0.0024	0.0049	mg/Kg
99-87-6	p-Isopropyltoluene	0.0024	U	0.00057	0.0024	0.0049	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0024	U	0.00072	0.0024	0.0049	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0024	U	0.00078	0.0024	0.0049	mg/Kg

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-14-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.1
Sample Wt/Vol:	5.57 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021282.D	1		02/21/25 13:51	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0024	U	0.00061	0.0024	0.0049	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0024	U	0.00058	0.0024	0.0049	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0039	U	0.0015	0.0039	0.0049	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0024	U	0.00077	0.0024	0.0049	mg/Kg
87-68-3	Hexachlorobutadiene	0.0024	U	0.00079	0.0024	0.0049	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0024	U	0.00076	0.0024	0.0049	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0024	U	0.00078	0.0024	0.0049	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	63.4		71 - 136		127%	SPK: 50
1868-53-7	Dibromofluoromethane	52.0		78 - 119		104%	SPK: 50
2037-26-5	Toluene-d8	51.0		85 - 116		102%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.2		79 - 119		100%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	170000	7.719				
540-36-3	1,4-Difluorobenzene	332000	8.622				
3114-55-4	Chlorobenzene-d5	313000	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	125000	13.353				

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_Y\Data\VY022125\
Data File : VY021282.D
Acq On : 21 Feb 2025 13:51
Operator : SY/MD
Sample : Q1383-07
Misc : 5.57g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-14-021725

Quant Time: Feb 21 23:07:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

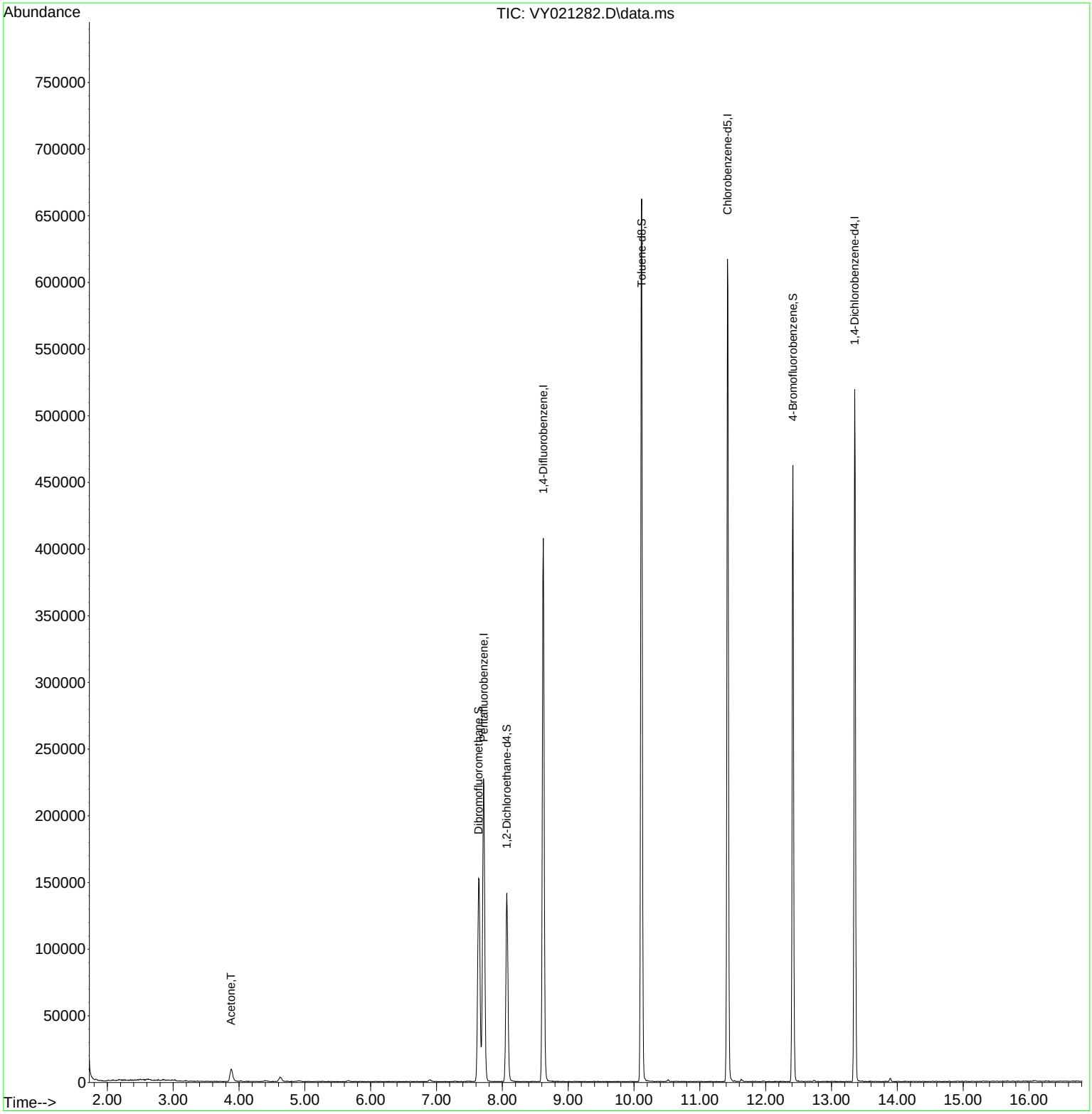
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.719	168	170045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	332342	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	313144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	125321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	110471	63.407	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.820%			
35) Dibromofluoromethane	7.640	113	110725	51.987	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.980%			
50) Toluene-d8	10.115	98	413661	51.015	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.040%			
62) 4-Bromofluorobenzene	12.414	95	132917	50.176	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.360%			
Target Compounds						Qvalue
16) Acetone	3.879	43	18273	67.254	ug/l	89

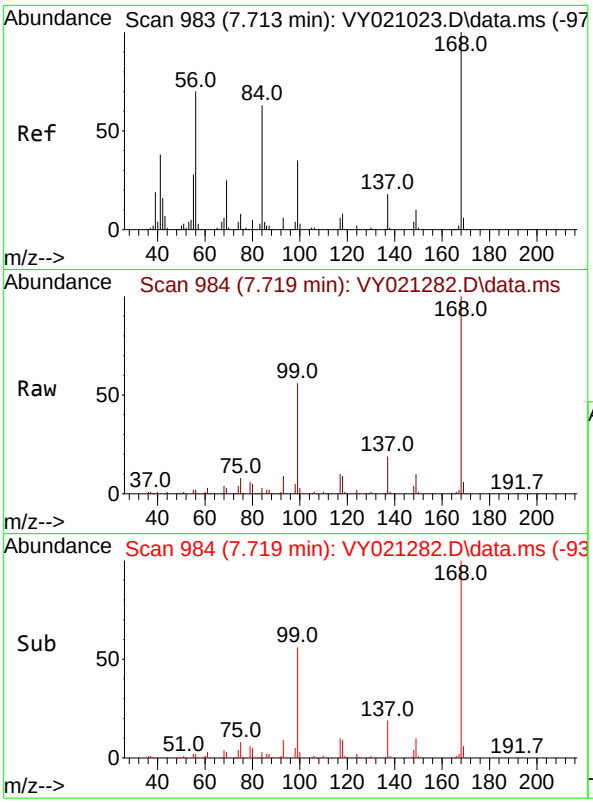
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021282.D
Acq On : 21 Feb 2025 13:51
Operator : SY/MD
Sample : Q1383-07
Misc : 5.57g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-14-021725

Quant Time: Feb 21 23:07:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration



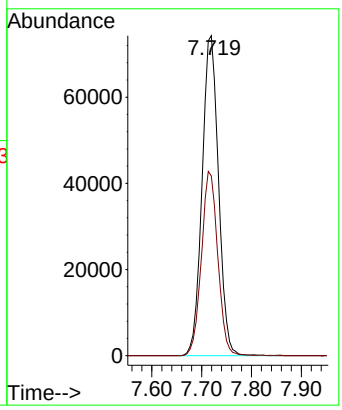


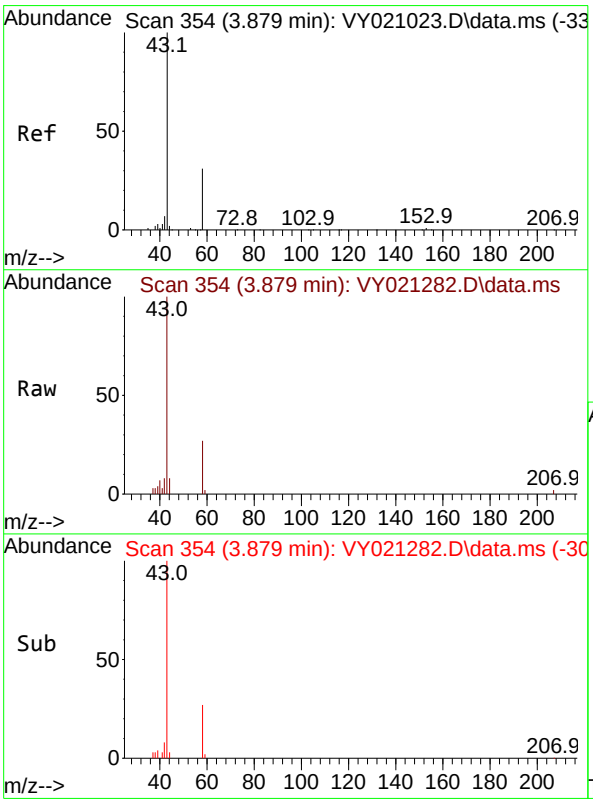
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021282.D
Acq: 21 Feb 2025 13:51

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-14-021725

Tgt Ion:168 Resp: 170045

Ion	Ratio	Lower	Upper
168	100		
99	56.1	44.2	66.4

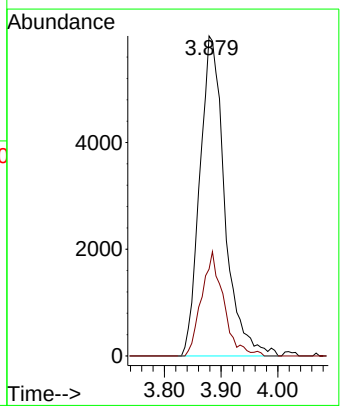


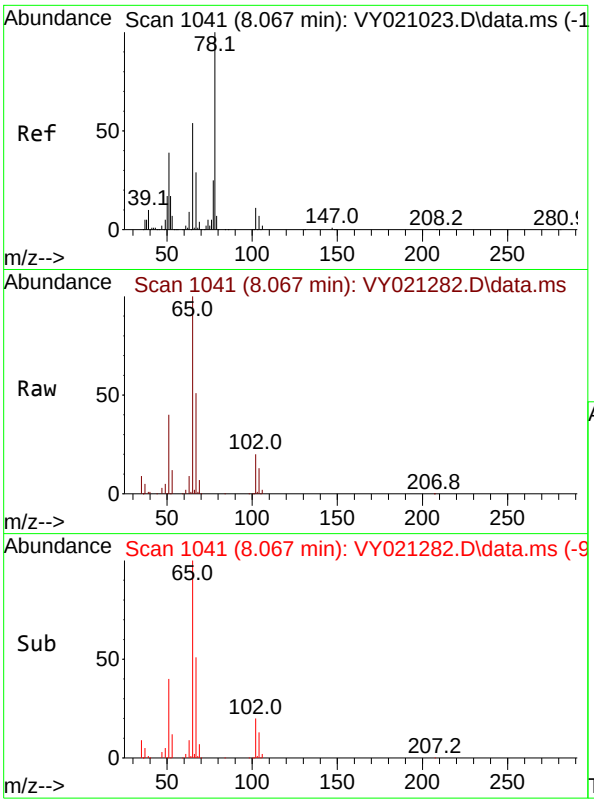


#16
Acetone
Concen: 67.254 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021282.D
Acq: 21 Feb 2025 13:51

Tgt Ion: 43 Resp: 18273

Ion	Ratio	Lower	Upper
43	100		
58	27.2	26.6	39.8



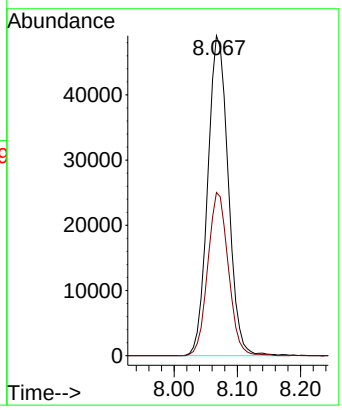


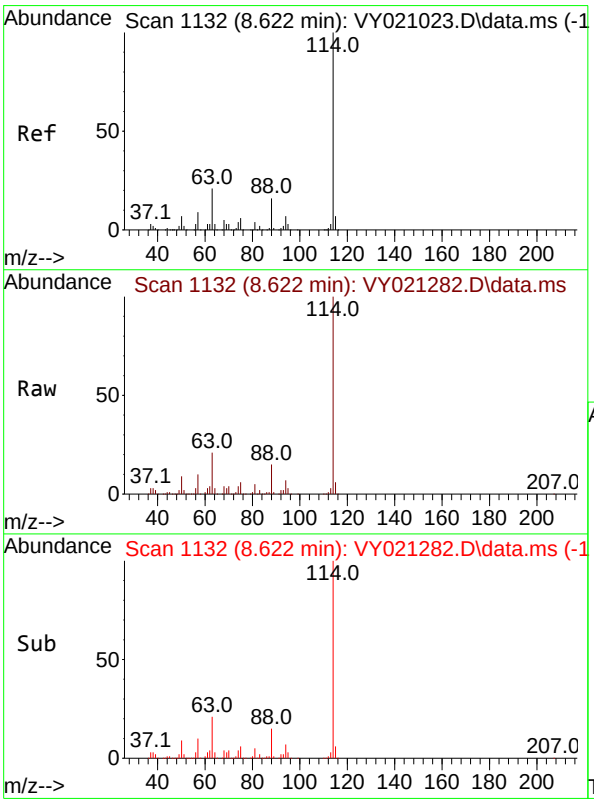
#33
1,2-Dichloroethane-d4
Concen: 63.407 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021282.D
Acq: 21 Feb 2025 13:51

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-14-021725

Tgt Ion: 65 Resp: 110471

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	109.0

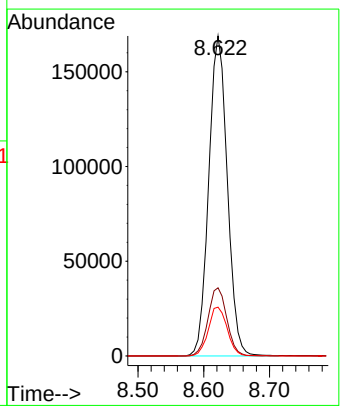


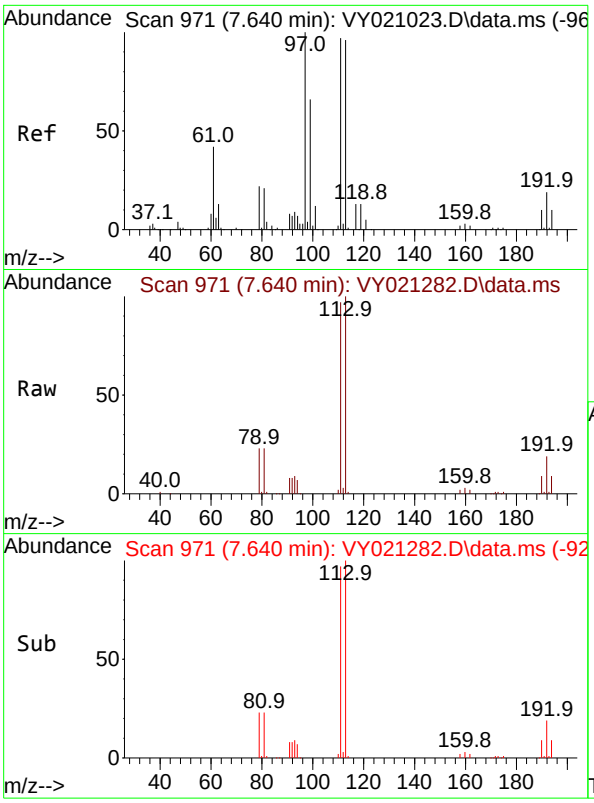


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021282.D
Acq: 21 Feb 2025 13:51

Tgt Ion:114 Resp: 332342

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	37.4
88	15.2	0.0	29.0



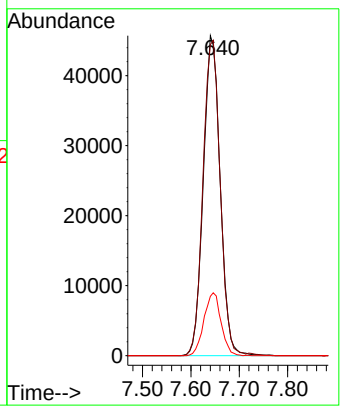


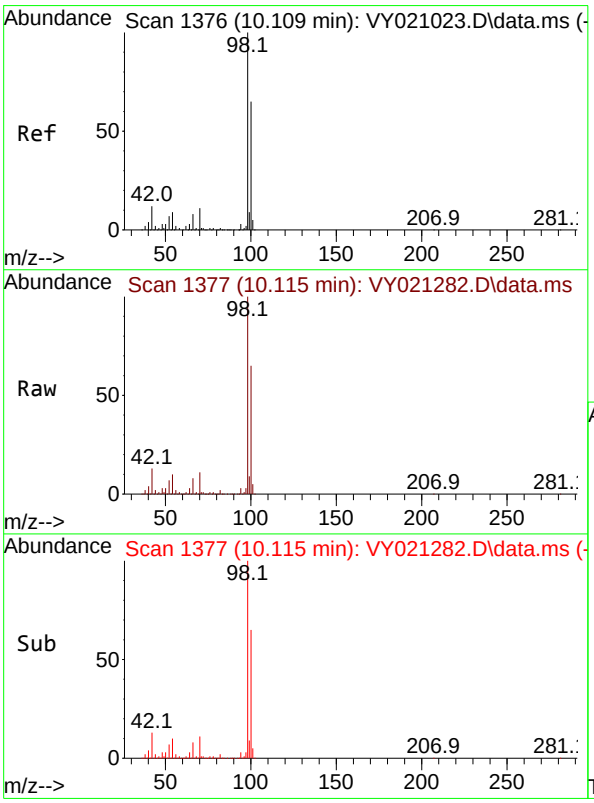
#35
Dibromofluoromethane
Concen: 51.987 ug/l
RT: 7.640 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021282.D
Acq: 21 Feb 2025 13:51

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-14-021725

Tgt Ion:113 Resp: 110725

Ion	Ratio	Lower	Upper
113	100		
111	100.4	83.8	125.6
192	19.9	14.5	21.7

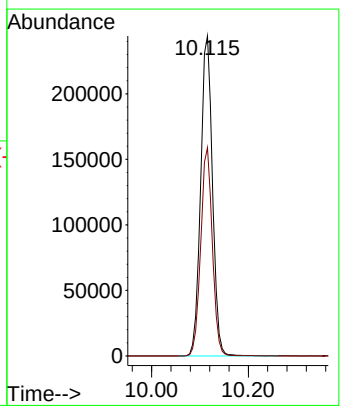


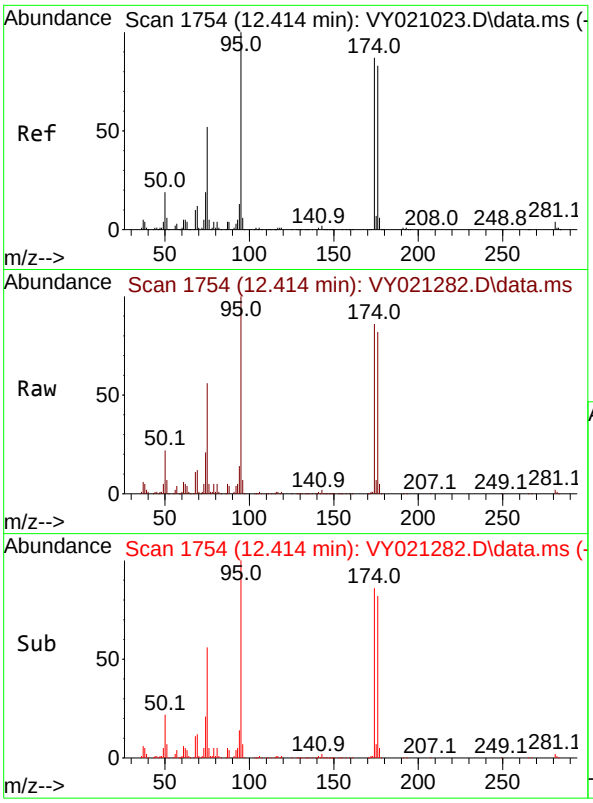


#50
Toluene-d8
Concen: 51.015 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021282.D
Acq: 21 Feb 2025 13:51

Tgt Ion: 98 Resp: 413661

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.3	78.5



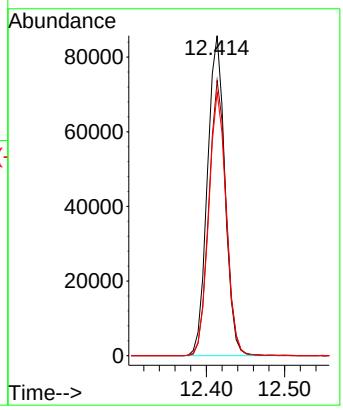


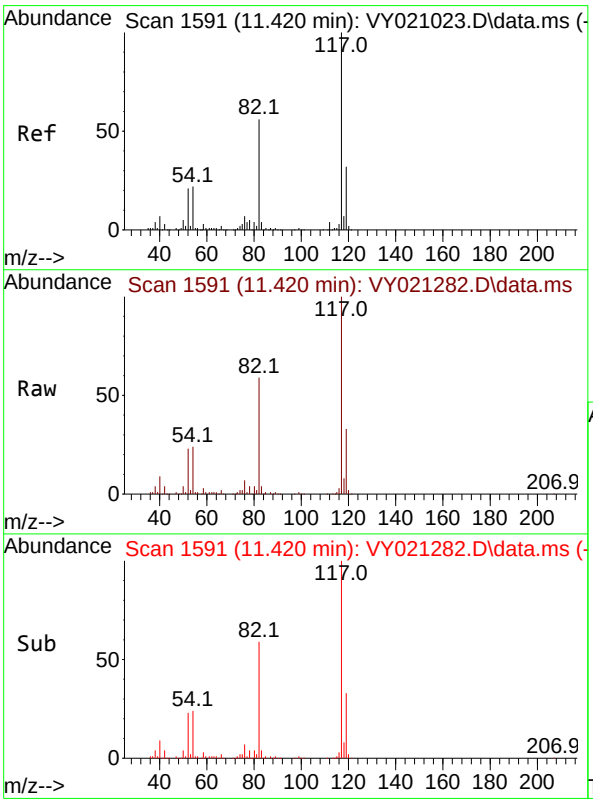
#62
4-Bromofluorobenzene
Concen: 50.176 ug/l
RT: 12.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021282.D
Acq: 21 Feb 2025 13:51

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-14-021725

Tgt Ion: 95 Resp: 132917

Ion	Ratio	Lower	Upper
95	100		
174	85.1	0.0	160.0
176	82.0	0.0	151.8

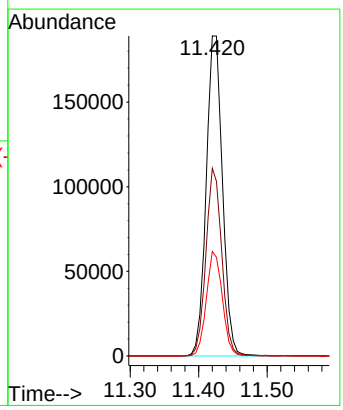


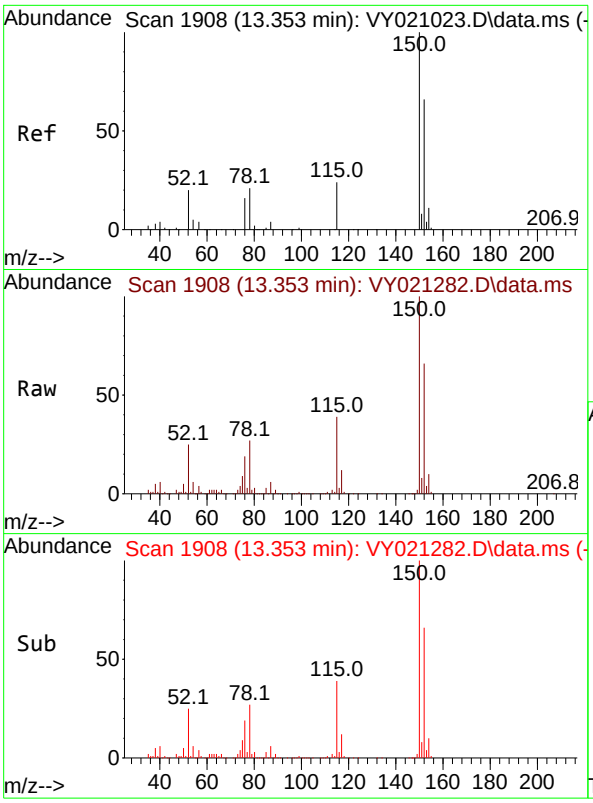


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021282.D
Acq: 21 Feb 2025 13:51

Tgt Ion:117 Resp: 313144

Ion	Ratio	Lower	Upper
117	100		
82	58.6	43.8	65.8
119	32.7	26.5	39.7



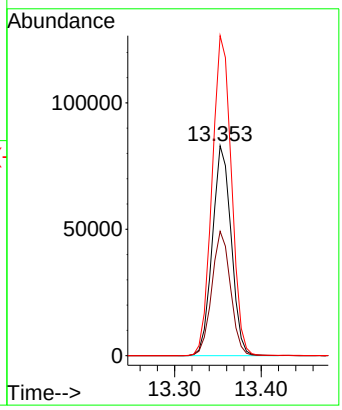


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021282.D
Acq: 21 Feb 2025 13:51

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-14-021725

Tgt Ion:152 Resp: 125321

Ion	Ratio	Lower	Upper
152	100		
115	59.0	30.0	90.0
150	156.9	0.0	344.6



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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-15-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-09	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.5
Sample Wt/Vol:	5.06 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021332.D	1		02/26/25 15:27	VY022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0043	U	0.0018	0.0043	0.0053	mg/Kg
74-87-3	Chloromethane	0.0027	U	0.0012	0.0027	0.0053	mg/Kg
75-01-4	Vinyl Chloride	0.0027	U	0.00082	0.0027	0.0053	mg/Kg
74-83-9	Bromomethane	0.0043	U	0.0011	0.0043	0.0053	mg/Kg
75-00-3	Chloroethane	0.0027	U	0.0011	0.0027	0.0053	mg/Kg
109-99-9	Tetrahydrofuran	0.013	U	0.0056	0.013	0.027	mg/Kg
75-69-4	Trichlorofluoromethane	0.0043	U	0.00097	0.0043	0.0053	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0027	U	0.0011	0.0027	0.0053	mg/Kg
75-35-4	1,1-Dichloroethene	0.0027	U	0.00083	0.0027	0.0053	mg/Kg
107-13-1	Acrylonitrile	0.013	U	0.0054	0.013	0.027	mg/Kg
67-64-1	Acetone	0.032		0.0067	0.021	0.027	mg/Kg
75-15-0	Carbon Disulfide	0.0043	U	0.0014	0.0043	0.0053	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0027	U	0.00072	0.0027	0.0053	mg/Kg
75-09-2	Methylene Chloride	0.0085	U	0.0036	0.0085	0.011	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0027	U	0.00090	0.0027	0.0053	mg/Kg
75-34-3	1,1-Dichloroethane	0.0027	U	0.00067	0.0027	0.0053	mg/Kg
78-93-3	2-Butanone	0.021	U	0.0061	0.021	0.027	mg/Kg
56-23-5	Carbon Tetrachloride	0.0027	U	0.00093	0.0027	0.0053	mg/Kg
594-20-7	2,2-Dichloropropane	0.0043	U	0.0017	0.0043	0.0053	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0027	U	0.00065	0.0027	0.0053	mg/Kg
67-66-3	Chloroform	0.0043	U	0.00072	0.0043	0.0053	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0027	U	0.00083	0.0027	0.0053	mg/Kg
563-58-6	1,1-Dichloropropene	0.0027	U	0.00078	0.0027	0.0053	mg/Kg
71-43-2	Benzene	0.0027	U	0.00077	0.0027	0.0053	mg/Kg
107-06-2	1,2-Dichloroethane	0.0027	U	0.00065	0.0027	0.0053	mg/Kg
79-01-6	Trichloroethene	0.0027	U	0.00080	0.0027	0.0053	mg/Kg
78-87-5	1,2-Dichloropropane	0.0027	U	0.00071	0.0027	0.0053	mg/Kg
74-95-3	Dibromomethane	0.0027	U	0.00066	0.0027	0.0053	mg/Kg
75-27-4	Bromodichloromethane	0.0027	U	0.00060	0.0027	0.0053	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.013	U	0.0046	0.013	0.027	mg/Kg

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-15-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-09	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.5
Sample Wt/Vol:	5.06 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021332.D	1		02/26/25 15:27	VY022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0027	U	0.00072	0.0027	0.0053	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0027	U	0.00064	0.0027	0.0053	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0027	U	0.00061	0.0027	0.0053	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0027	U	0.00090	0.0027	0.0053	mg/Kg
142-28-9	1,3-Dichloropropane	0.0027	U	0.00063	0.0027	0.0053	mg/Kg
591-78-6	2-Hexanone	0.013	U	0.0051	0.013	0.027	mg/Kg
124-48-1	Dibromochloromethane	0.0027	U	0.00069	0.0027	0.0053	mg/Kg
106-93-4	1,2-Dibromoethane	0.0027	U	0.00084	0.0027	0.0053	mg/Kg
127-18-4	Tetrachloroethene	0.0027	U	0.00095	0.0027	0.0053	mg/Kg
108-90-7	Chlorobenzene	0.0027	U	0.00079	0.0027	0.0053	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0027	U	0.00068	0.0027	0.0053	mg/Kg
100-41-4	Ethyl Benzene	0.0027	U	0.00066	0.0027	0.0053	mg/Kg
179601-23-1	m/p-Xylenes	0.0053	U	0.0014	0.0053	0.011	mg/Kg
1330-20-7	Total Xylenes	0.0080	U	0.0022	0.0080	0.016	mg/Kg
95-47-6	o-Xylene	0.0027	U	0.00075	0.0027	0.0053	mg/Kg
100-42-5	Styrene	0.0027	U	0.00064	0.0027	0.0053	mg/Kg
75-25-2	Bromoform	0.0027	U	0.00087	0.0027	0.0053	mg/Kg
98-82-8	Isopropylbenzene	0.0027	U	0.00072	0.0027	0.0053	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0027	U	0.0012	0.0027	0.0053	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0043	U	0.0012	0.0043	0.0053	mg/Kg
108-86-1	Bromobenzene	0.0027	U	0.00069	0.0027	0.0053	mg/Kg
103-65-1	n-propylbenzene	0.0027	U	0.00068	0.0027	0.0053	mg/Kg
95-49-8	2-Chlorotoluene	0.0027	U	0.00066	0.0027	0.0053	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0027	U	0.00068	0.0027	0.0053	mg/Kg
106-43-4	4-Chlorotoluene	0.0027	U	0.00063	0.0027	0.0053	mg/Kg
98-06-6	tert-Butylbenzene	0.0027	U	0.00072	0.0027	0.0053	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0027	U	0.0015	0.0027	0.0053	mg/Kg
135-98-8	sec-Butylbenzene	0.0027	U	0.00072	0.0027	0.0053	mg/Kg
99-87-6	p-Isopropyltoluene	0.0027	U	0.00062	0.0027	0.0053	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0027	U	0.00079	0.0027	0.0053	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0027	U	0.00085	0.0027	0.0053	mg/Kg

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Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-15-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-09	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.5
Sample Wt/Vol:	5.06 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021332.D	1		02/26/25 15:27	VY022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0027	U	0.00067	0.0027	0.0053	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0027	U	0.00063	0.0027	0.0053	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0043	U	0.0017	0.0043	0.0053	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0027	U	0.00084	0.0027	0.0053	mg/Kg
87-68-3	Hexachlorobutadiene	0.0027	U	0.00087	0.0027	0.0053	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0027	U	0.00083	0.0027	0.0053	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0027	U	0.00085	0.0027	0.0053	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	52.4		71 - 136		105%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		78 - 119		100%	SPK: 50
2037-26-5	Toluene-d8	49.3		85 - 116		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.9		79 - 119		104%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	241000	7.707				
540-36-3	1,4-Difluorobenzene	478000	8.616				
3114-55-4	Chlorobenzene-d5	479000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	207000	13.347				

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_Y\Data\VY022625\
Data File : VY021332.D
Acq On : 26 Feb 2025 15:27
Operator : SY/MD
Sample : Q1383-09
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-15-021725

Quant Time: Feb 27 00:38:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

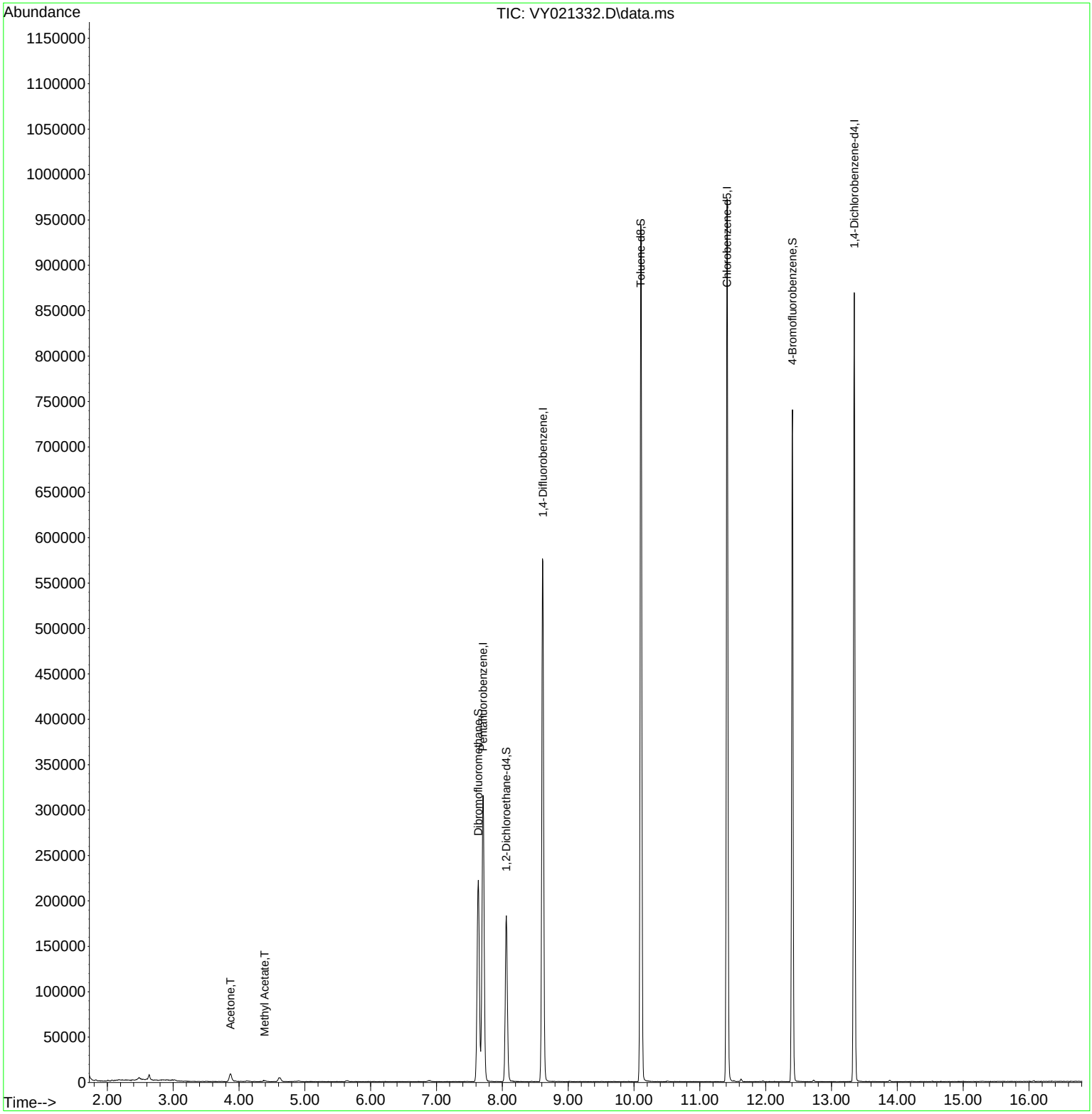
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	240886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	477609	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	478629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	207331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	143126	52.376	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.760%			
35) Dibromofluoromethane	7.634	113	156477	49.973	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.940%			
50) Toluene-d8	10.103	98	597165	49.347	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.700%			
62) 4-Bromofluorobenzene	12.408	95	211444	51.918	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.840%			
Target Compounds						Qvalue
16) Acetone	3.873	43	15662	29.879	ug/l	96
18) Methyl Acetate	4.391	43	2235	1.745	ug/l	93

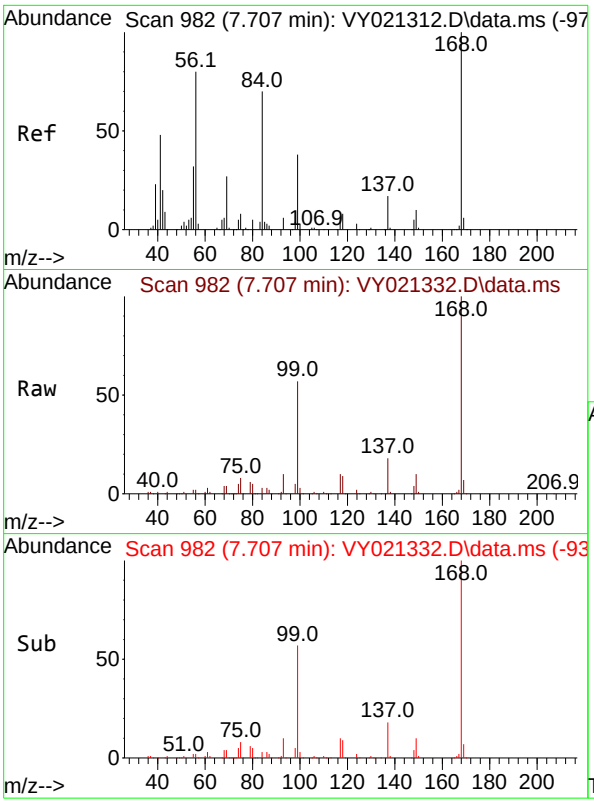
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021332.D
Acq On : 26 Feb 2025 15:27
Operator : SY/MD
Sample : Q1383-09
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-15-021725

Quant Time: Feb 27 00:38:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration



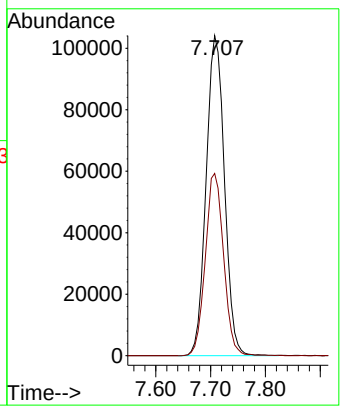


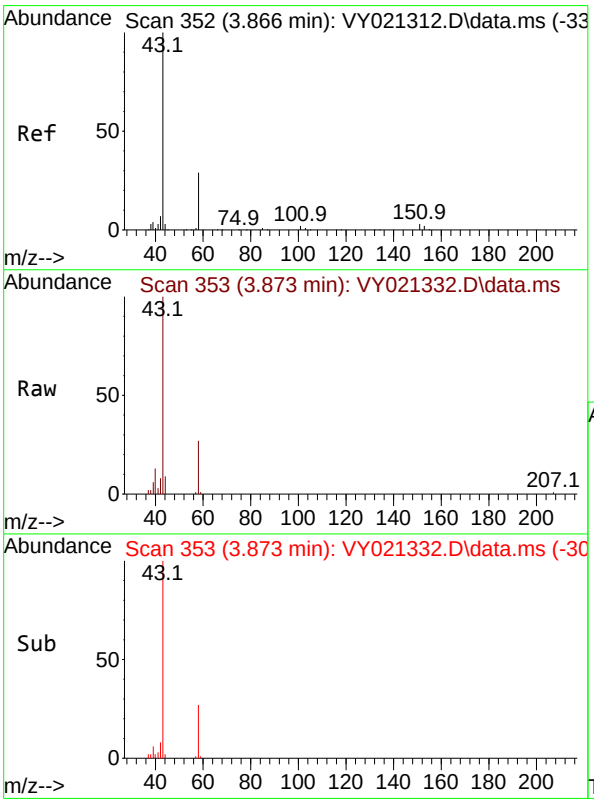
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021332.D
Acq: 26 Feb 2025 15:27

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-15-021725

Tgt Ion:168 Resp: 240886

Ion	Ratio	Lower	Upper
168	100		
99	56.9	47.1	70.7

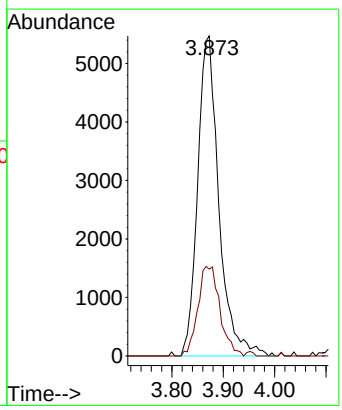


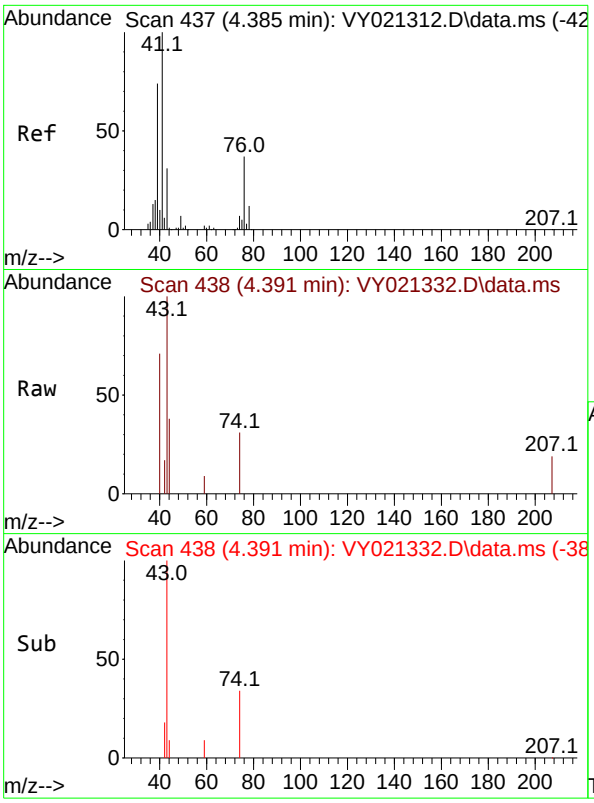


#16
Acetone
Concen: 29.879 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY021332.D
Acq: 26 Feb 2025 15:27

Tgt Ion: 43 Resp: 15662

Ion	Ratio	Lower	Upper
43	100		
58	27.2	23.5	35.3



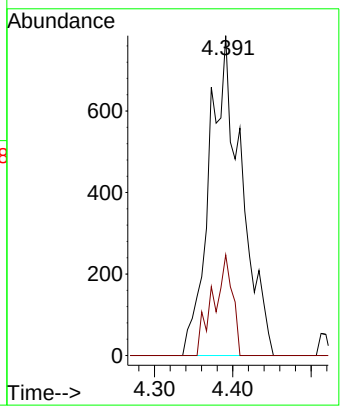


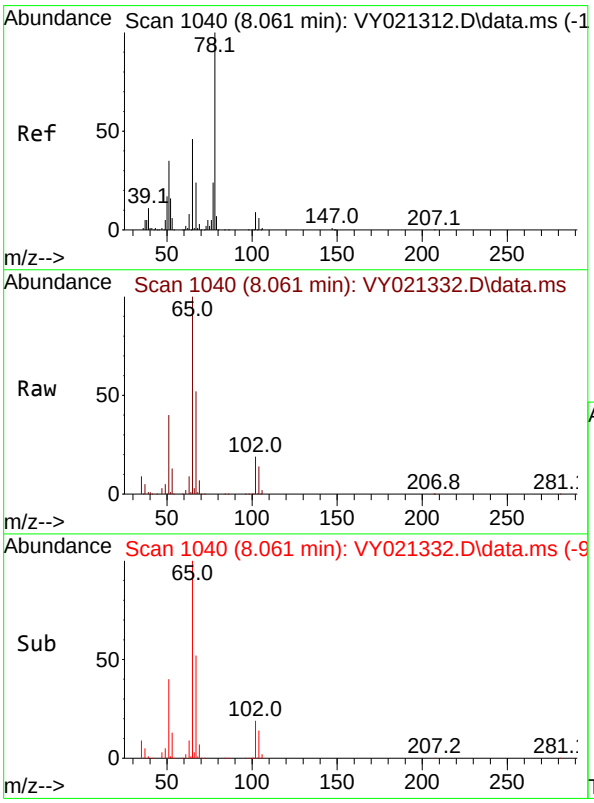
#18
Methyl Acetate
Concen: 1.745 ug/l
RT: 4.391 min Scan# 4
Delta R.T. 0.006 min
Lab File: VY021332.D
Acq: 26 Feb 2025 15:27

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-15-021725

Tgt Ion: 43 Resp: 2235

Ion	Ratio	Lower	Upper
43	100		
74	18.9	17.7	26.5

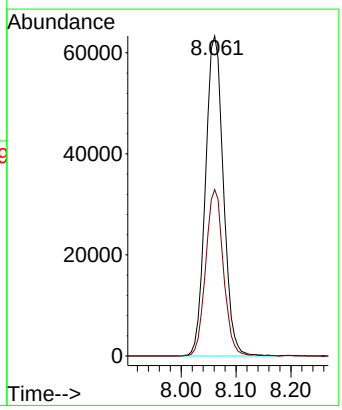


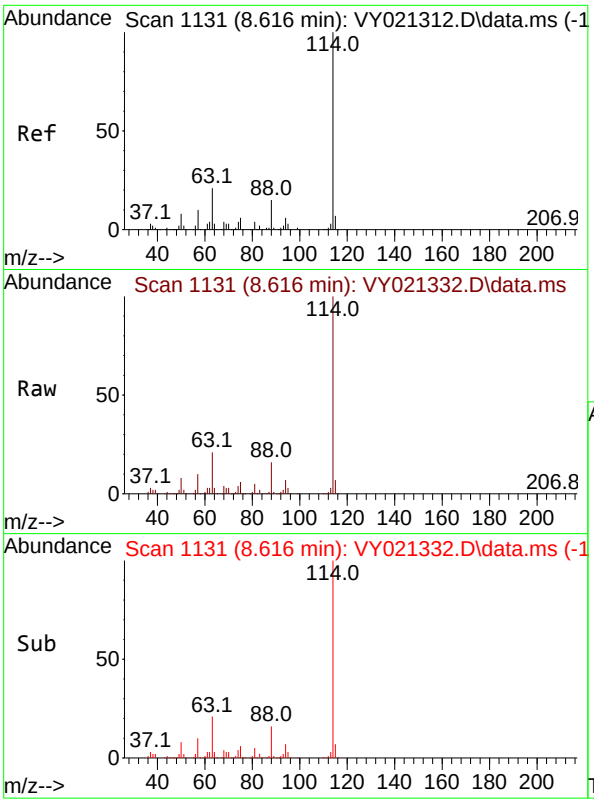


#33
1,2-Dichloroethane-d4
Concen: 52.376 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021332.D
Acq: 26 Feb 2025 15:27

Tgt Ion: 65 Resp: 143126

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	103.6



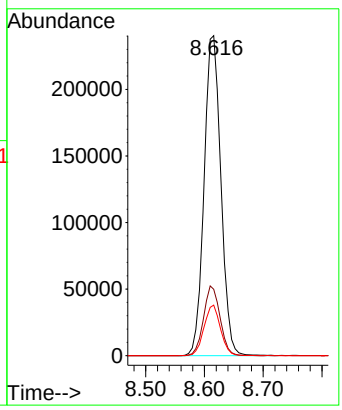


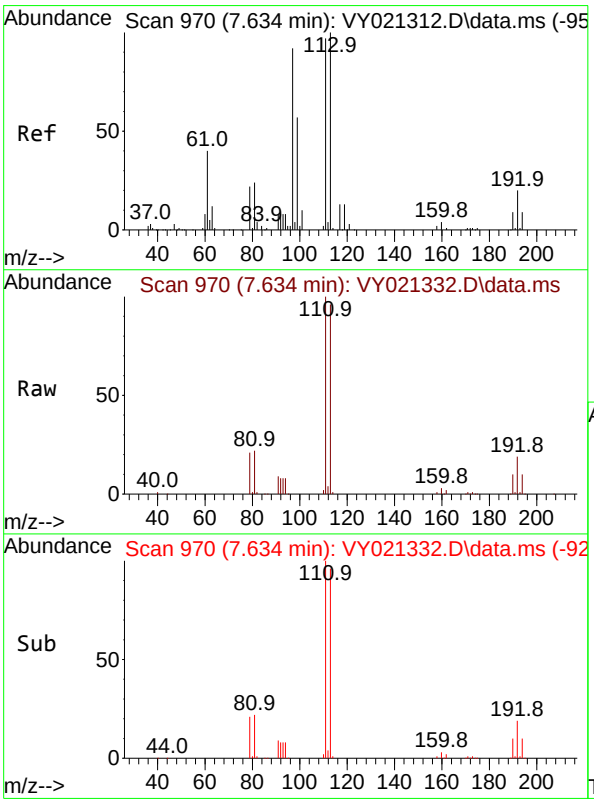
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021332.D
Acq: 26 Feb 2025 15:27

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-15-021725

Tgt Ion:114 Resp: 477609

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	42.2
88	15.8	0.0	29.8

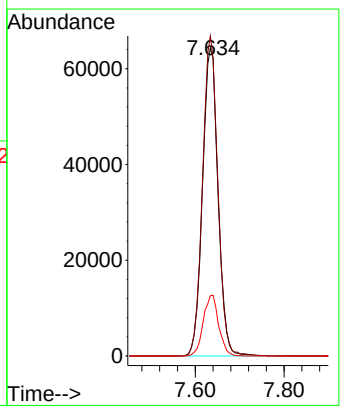


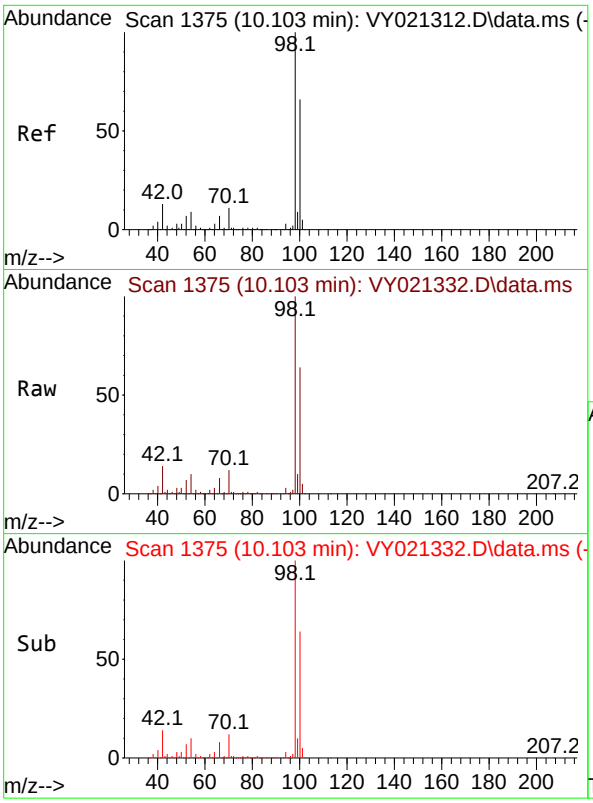


#35
Dibromofluoromethane
Concen: 49.973 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021332.D
Acq: 26 Feb 2025 15:27

Tgt Ion:113 Resp: 156477

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.0	121.6
192	19.6	15.8	23.8



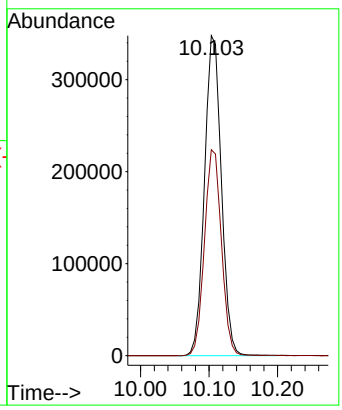


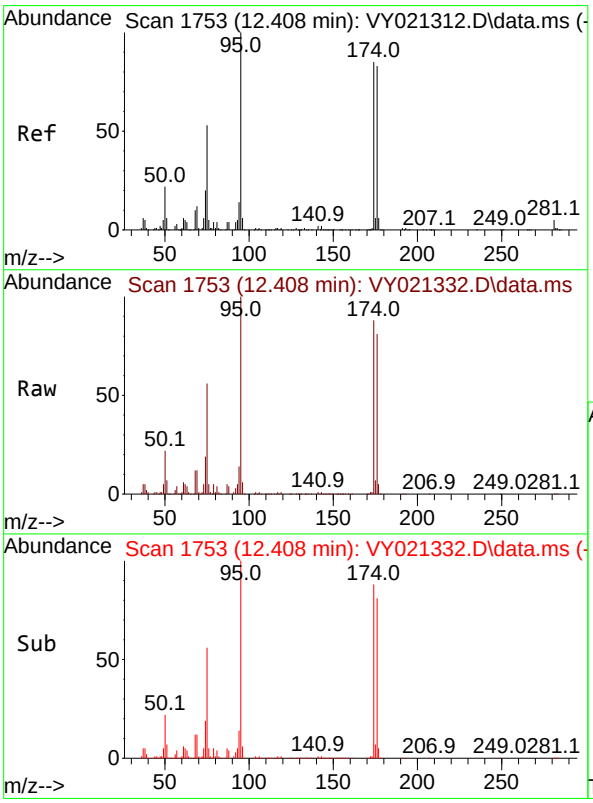
#50
Toluene-d8
Concen: 49.347 ug/l
RT: 10.103 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021332.D
Acq: 26 Feb 2025 15:27

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-15-021725

Tgt Ion: 98 Resp: 597165

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.4	78.6

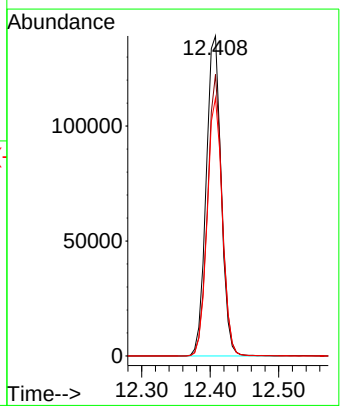


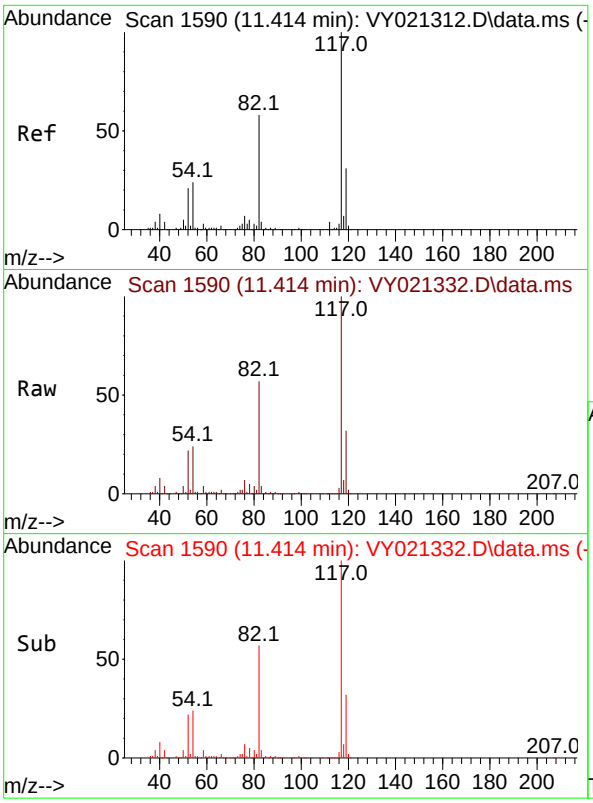


#62
4-Bromofluorobenzene
Concen: 51.918 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021332.D
Acq: 26 Feb 2025 15:27

Tgt Ion: 95 Resp: 211444

Ion	Ratio	Lower	Upper
95	100		
174	86.0	0.0	168.0
176	81.5	0.0	162.6



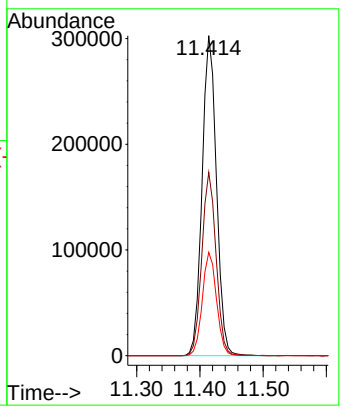


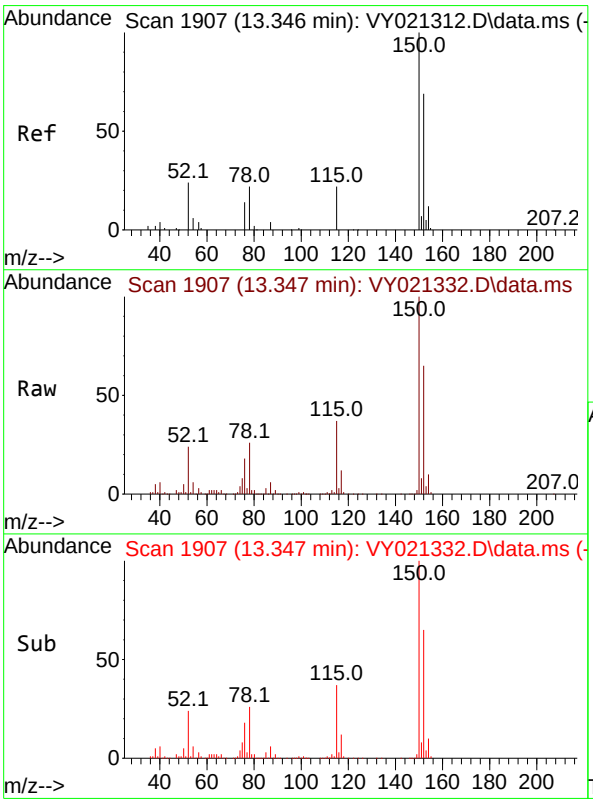
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021332.D
Acq: 26 Feb 2025 15:27

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-15-021725

Tgt Ion:117 Resp: 478629

Ion	Ratio	Lower	Upper
117	100		
82	57.3	46.2	69.4
119	32.3	24.9	37.3

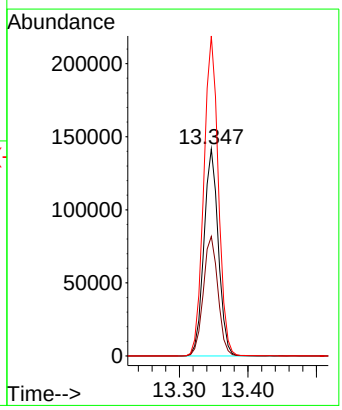




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021332.D
Acq: 26 Feb 2025 15:27

Tgt Ion:152 Resp: 207331

Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.3	88.0
150	156.4	0.0	347.4



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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-16-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-11	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.1
Sample Wt/Vol:	5.73 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021284.D	1		02/21/25 14:37	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0038	U	0.0016	0.0038	0.0047	mg/Kg
74-87-3	Chloromethane	0.0024	UQ	0.0011	0.0024	0.0047	mg/Kg
75-01-4	Vinyl Chloride	0.0024	UQ	0.00073	0.0024	0.0047	mg/Kg
74-83-9	Bromomethane	0.0038	U	0.00098	0.0038	0.0047	mg/Kg
75-00-3	Chloroethane	0.0024	UQ	0.00096	0.0024	0.0047	mg/Kg
109-99-9	Tetrahydrofuran	0.012	U	0.0050	0.012	0.024	mg/Kg
75-69-4	Trichlorofluoromethane	0.0038	U	0.00086	0.0038	0.0047	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0024	U	0.0010	0.0024	0.0047	mg/Kg
75-35-4	1,1-Dichloroethene	0.0024	U	0.00074	0.0024	0.0047	mg/Kg
107-13-1	Acrylonitrile	0.012	U	0.0047	0.012	0.024	mg/Kg
67-64-1	Acetone	0.037		0.0059	0.019	0.024	mg/Kg
75-15-0	Carbon Disulfide	0.0038	U	0.0012	0.0038	0.0047	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0024	U	0.00063	0.0024	0.0047	mg/Kg
75-09-2	Methylene Chloride	0.0076	U	0.0032	0.0076	0.0095	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0024	U	0.00080	0.0024	0.0047	mg/Kg
75-34-3	1,1-Dichloroethane	0.0024	U	0.00060	0.0024	0.0047	mg/Kg
78-93-3	2-Butanone	0.019	U	0.0054	0.019	0.024	mg/Kg
56-23-5	Carbon Tetrachloride	0.0024	U	0.00082	0.0024	0.0047	mg/Kg
594-20-7	2,2-Dichloropropane	0.0038	U	0.0015	0.0038	0.0047	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0024	U	0.00058	0.0024	0.0047	mg/Kg
67-66-3	Chloroform	0.0038	U	0.00063	0.0038	0.0047	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0024	U	0.00074	0.0024	0.0047	mg/Kg
563-58-6	1,1-Dichloropropene	0.0024	U	0.00069	0.0024	0.0047	mg/Kg
71-43-2	Benzene	0.0024	U	0.00068	0.0024	0.0047	mg/Kg
107-06-2	1,2-Dichloroethane	0.0024	U	0.00058	0.0024	0.0047	mg/Kg
79-01-6	Trichloroethene	0.0024	U	0.00071	0.0024	0.0047	mg/Kg
78-87-5	1,2-Dichloropropane	0.0024	U	0.00063	0.0024	0.0047	mg/Kg
74-95-3	Dibromomethane	0.0024	U	0.00059	0.0024	0.0047	mg/Kg
75-27-4	Bromodichloromethane	0.0024	U	0.00053	0.0024	0.0047	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.012	U	0.0041	0.012	0.024	mg/Kg

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Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-16-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-11	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.1
Sample Wt/Vol:	5.73 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021284.D	1		02/21/25 14:37	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0024	U	0.00063	0.0024	0.0047	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0024	U	0.00057	0.0024	0.0047	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0024	U	0.00054	0.0024	0.0047	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0024	U	0.00080	0.0024	0.0047	mg/Kg
142-28-9	1,3-Dichloropropane	0.0024	U	0.00056	0.0024	0.0047	mg/Kg
591-78-6	2-Hexanone	0.012	U	0.0045	0.012	0.024	mg/Kg
124-48-1	Dibromochloromethane	0.0024	U	0.00062	0.0024	0.0047	mg/Kg
106-93-4	1,2-Dibromoethane	0.0024	U	0.00075	0.0024	0.0047	mg/Kg
127-18-4	Tetrachloroethene	0.0024	U	0.00084	0.0024	0.0047	mg/Kg
108-90-7	Chlorobenzene	0.0024	U	0.00070	0.0024	0.0047	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0024	U	0.00061	0.0024	0.0047	mg/Kg
100-41-4	Ethyl Benzene	0.0024	U	0.00059	0.0024	0.0047	mg/Kg
179601-23-1	m/p-Xylenes	0.0047	U	0.0013	0.0047	0.0095	mg/Kg
1330-20-7	Total Xylenes	0.0071	U	0.0020	0.0071	0.014	mg/Kg
95-47-6	o-Xylene	0.0024	U	0.00066	0.0024	0.0047	mg/Kg
100-42-5	Styrene	0.0024	U	0.00057	0.0024	0.0047	mg/Kg
75-25-2	Bromoform	0.0024	U	0.00077	0.0024	0.0047	mg/Kg
98-82-8	Isopropylbenzene	0.0024	U	0.00063	0.0024	0.0047	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0024	U	0.0010	0.0024	0.0047	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0038	U	0.0011	0.0038	0.0047	mg/Kg
108-86-1	Bromobenzene	0.0024	U	0.00062	0.0024	0.0047	mg/Kg
103-65-1	n-propylbenzene	0.0024	U	0.00061	0.0024	0.0047	mg/Kg
95-49-8	2-Chlorotoluene	0.0024	U	0.00059	0.0024	0.0047	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0024	U	0.00061	0.0024	0.0047	mg/Kg
106-43-4	4-Chlorotoluene	0.0024	U	0.00056	0.0024	0.0047	mg/Kg
98-06-6	tert-Butylbenzene	0.0024	U	0.00063	0.0024	0.0047	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0024	U	0.0013	0.0024	0.0047	mg/Kg
135-98-8	sec-Butylbenzene	0.0024	U	0.00063	0.0024	0.0047	mg/Kg
99-87-6	p-Isopropyltoluene	0.0024	U	0.00055	0.0024	0.0047	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0024	U	0.00070	0.0024	0.0047	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0024	U	0.00076	0.0024	0.0047	mg/Kg

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Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-16-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-11	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.1
Sample Wt/Vol:	5.73 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021284.D	1		02/21/25 14:37	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0024	U	0.00060	0.0024	0.0047	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0024	U	0.00056	0.0024	0.0047	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0038	U	0.0015	0.0038	0.0047	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0024	U	0.00075	0.0024	0.0047	mg/Kg
87-68-3	Hexachlorobutadiene	0.0024	U	0.00077	0.0024	0.0047	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0024	U	0.00074	0.0024	0.0047	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0024	U	0.00076	0.0024	0.0047	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	59.7		71 - 136		119%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		78 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	50.6		85 - 116		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.5		79 - 119		97%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	173000	7.719				
540-36-3	1,4-Difluorobenzene	334000	8.622				
3114-55-4	Chlorobenzene-d5	309000	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	119000	13.352				

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_Y\Data\VY022125\
Data File : VY021284.D
Acq On : 21 Feb 2025 14:37
Operator : SY/MD
Sample : Q1383-11
Misc : 5.73g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-16-021725

Quant Time: Feb 21 23:08:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

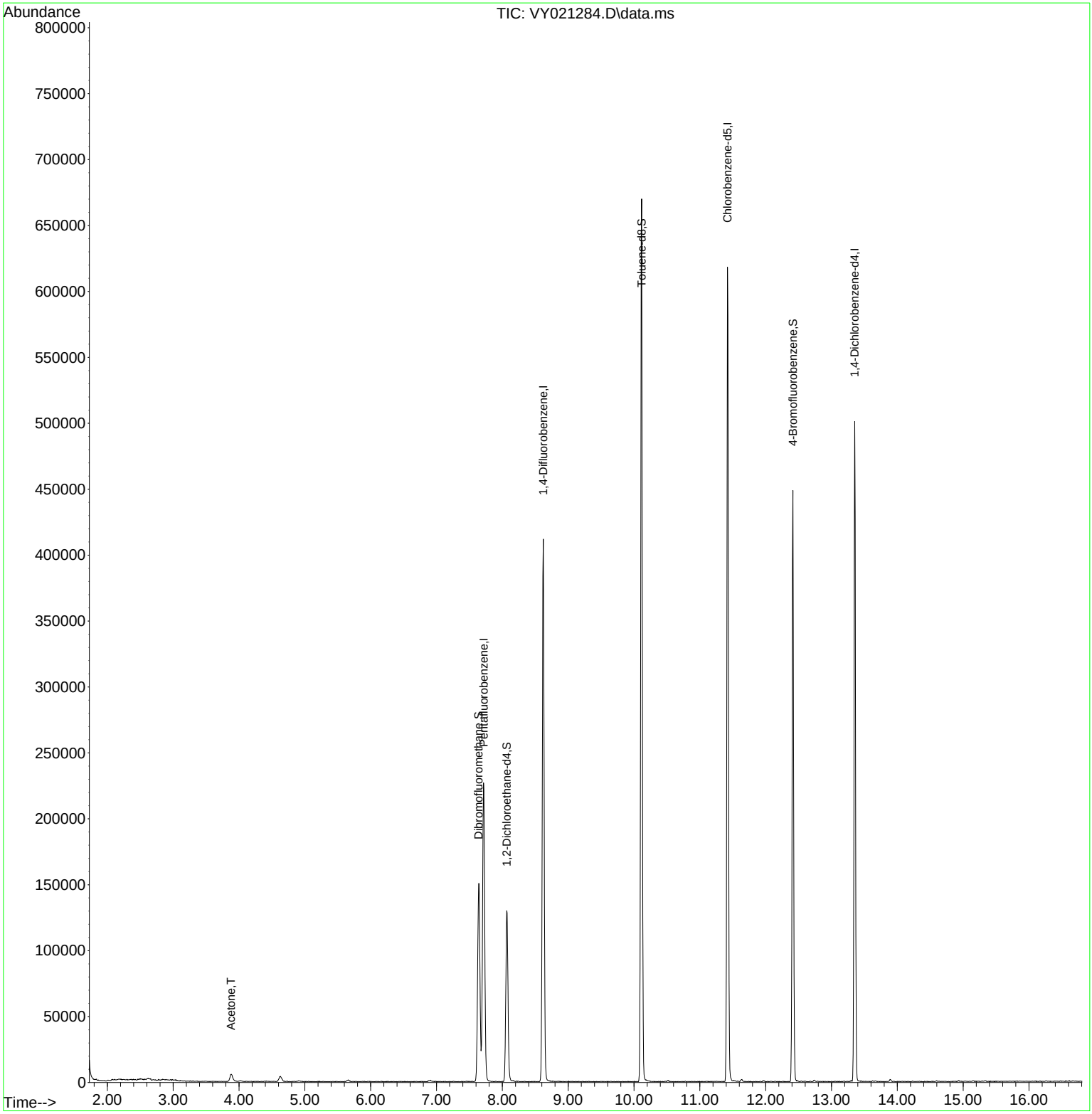
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.719	168	172558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	334339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	309204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	118737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	105533	59.691	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.380%			
35) Dibromofluoromethane	7.640	113	108116	50.459	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.920%			
50) Toluene-d8	10.115	98	412662	50.588	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.180%			
62) 4-Bromofluorobenzene	12.414	95	129364	48.543	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.080%			
Target Compounds						Qvalue
16) Acetone	3.879	43	10774	39.077	ug/l #	85

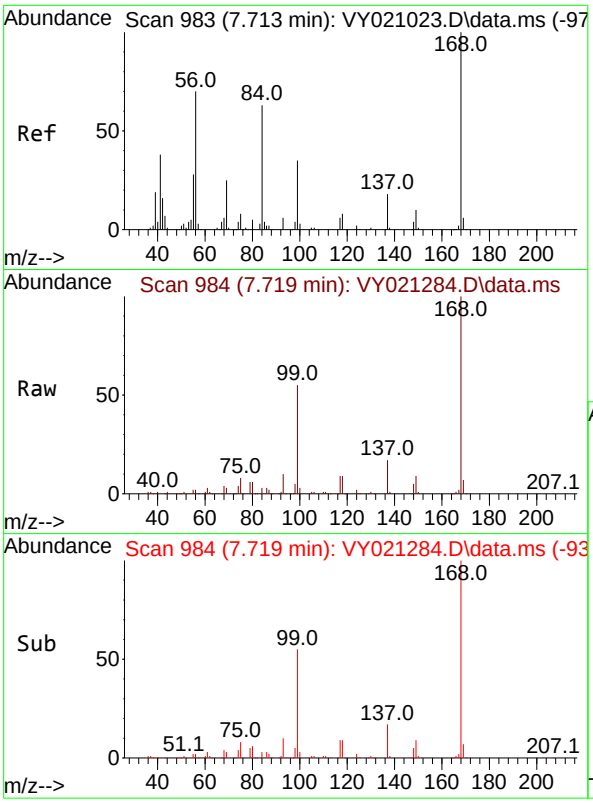
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021284.D
Acq On : 21 Feb 2025 14:37
Operator : SY/MD
Sample : Q1383-11
Misc : 5.73g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-16-021725

Quant Time: Feb 21 23:08:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration



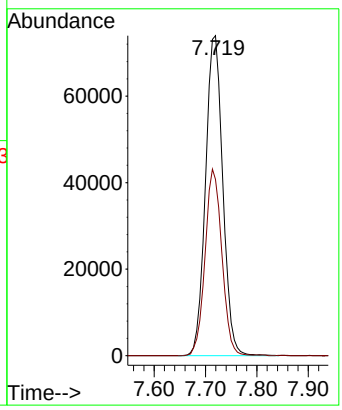


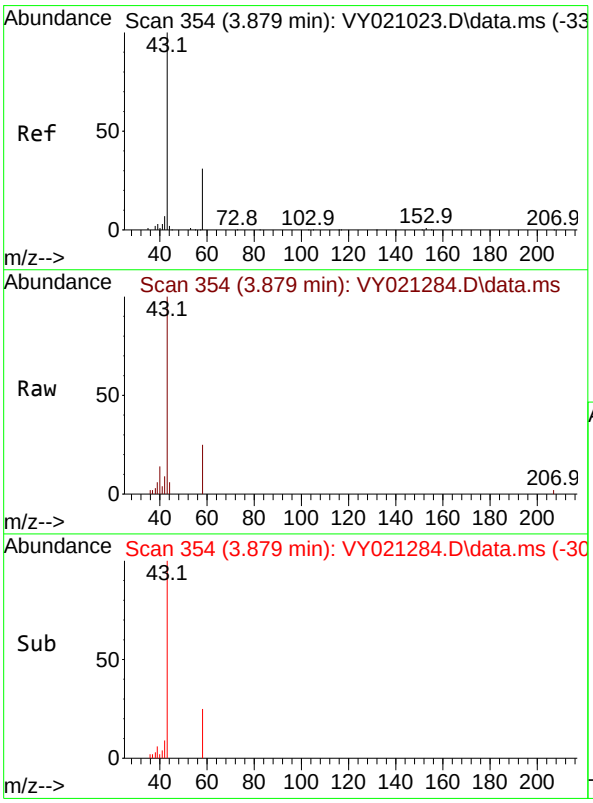
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021284.D
Acq: 21 Feb 2025 14:37

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-16-021725

Tgt Ion:168 Resp: 172558

Ion	Ratio	Lower	Upper
168	100		
99	55.1	44.2	66.4

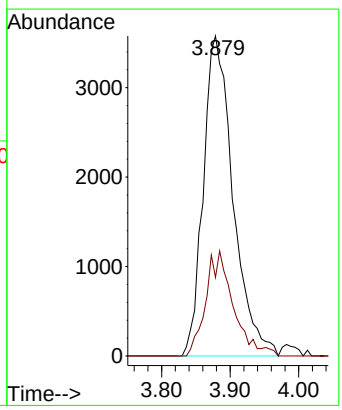


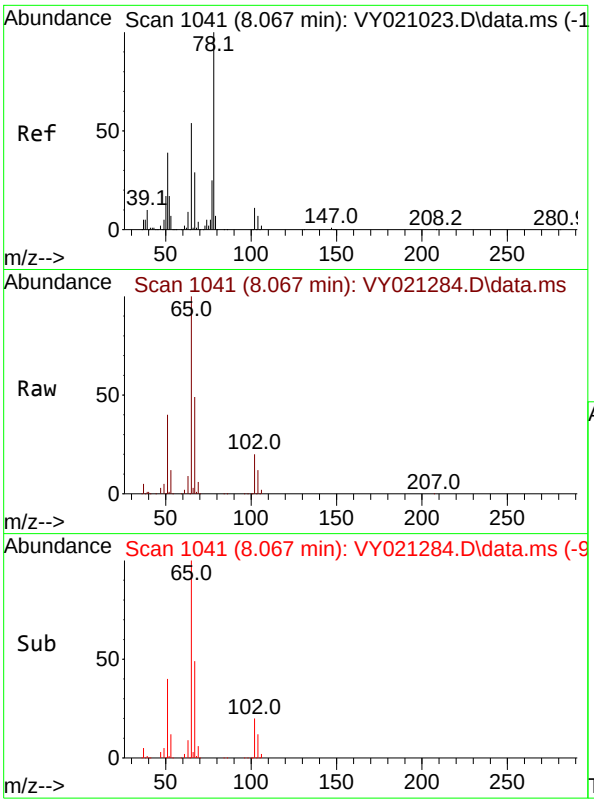


#16
Acetone
Concen: 39.077 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021284.D
Acq: 21 Feb 2025 14:37

Tgt Ion: 43 Resp: 10774

Ion	Ratio	Lower	Upper
43	100		
58	24.5	26.6	39.8#



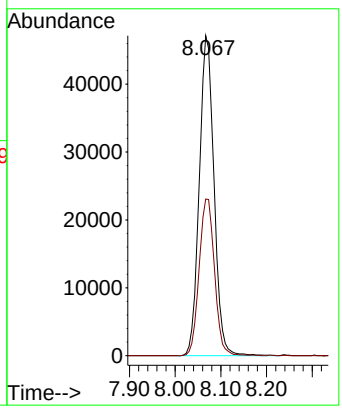


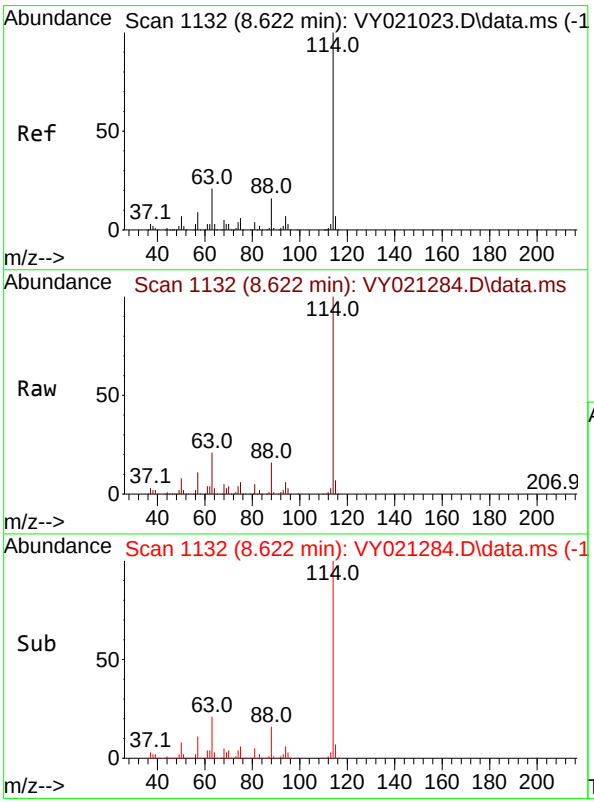
#33
1,2-Dichloroethane-d4
Concen: 59.691 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021284.D
Acq: 21 Feb 2025 14:37

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-16-021725

Tgt Ion: 65 Resp: 105533

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	109.0

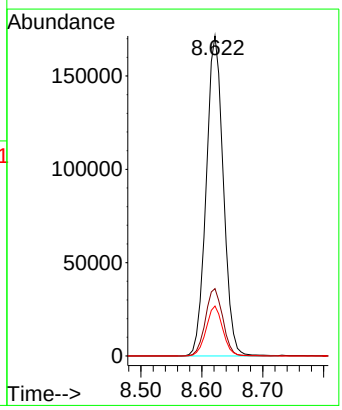


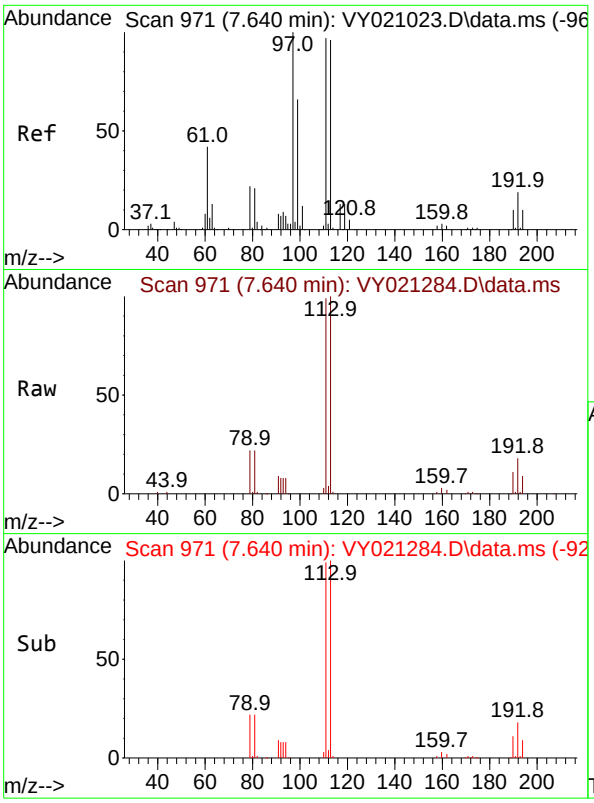


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021284.D
Acq: 21 Feb 2025 14:37

Tgt Ion:114 Resp: 334339

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	37.4
88	15.6	0.0	29.0



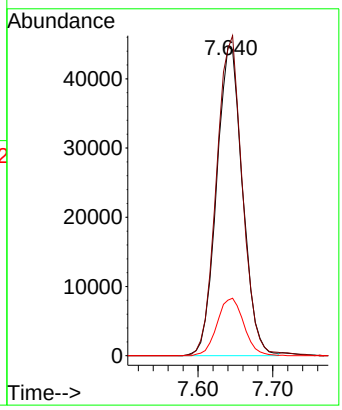


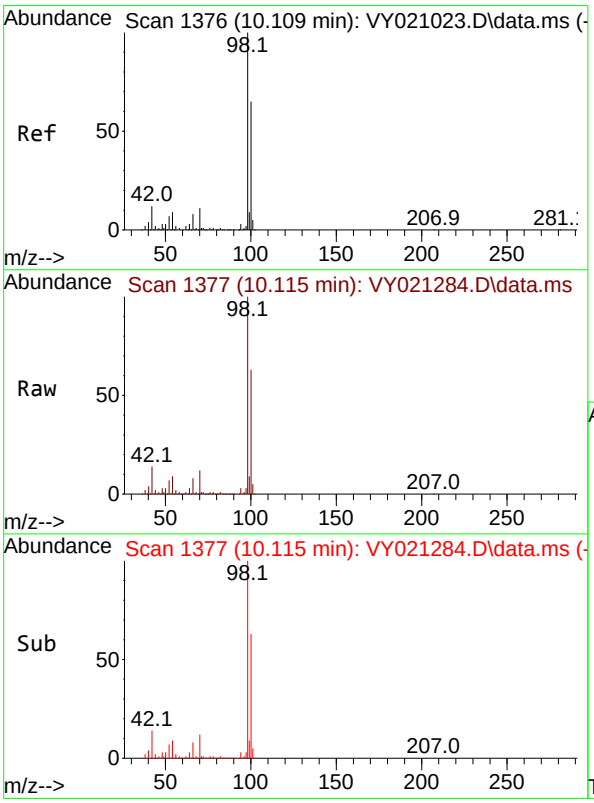
#35
Dibromofluoromethane
Concen: 50.459 ug/l
RT: 7.640 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021284.D
Acq: 21 Feb 2025 14:37

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-16-021725

Tgt Ion:113 Resp: 108116

Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.8	125.6
192	19.1	14.5	21.7

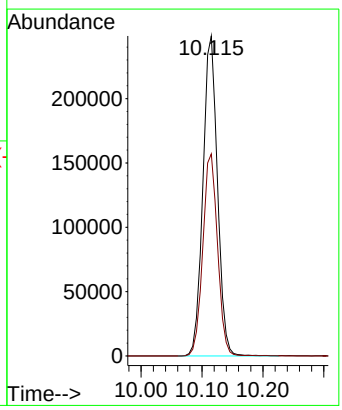


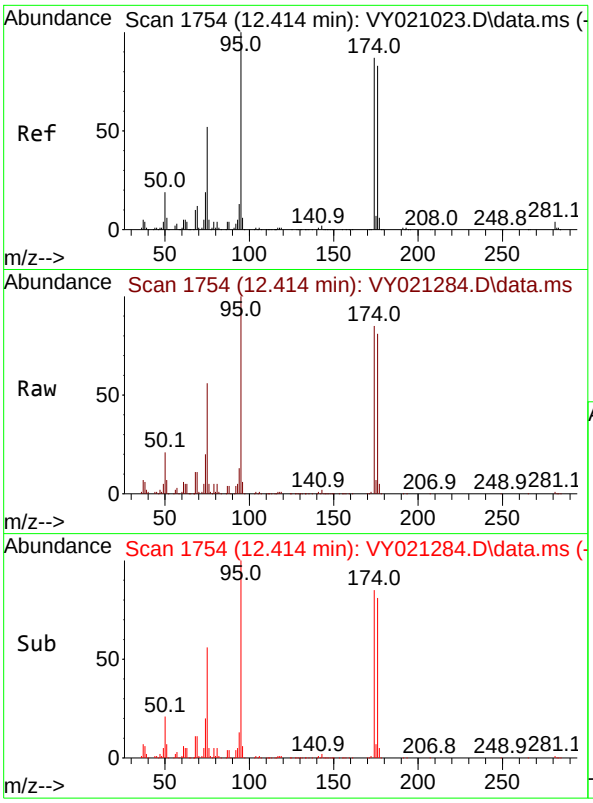


#50
Toluene-d8
Concen: 50.588 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021284.D
Acq: 21 Feb 2025 14:37

Tgt Ion: 98 Resp: 412662

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.3	78.5



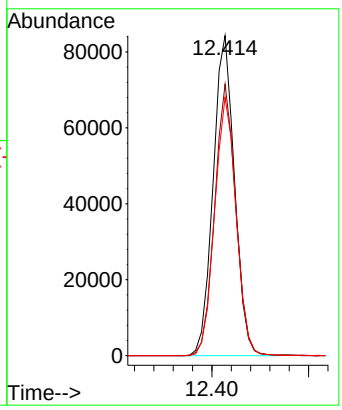


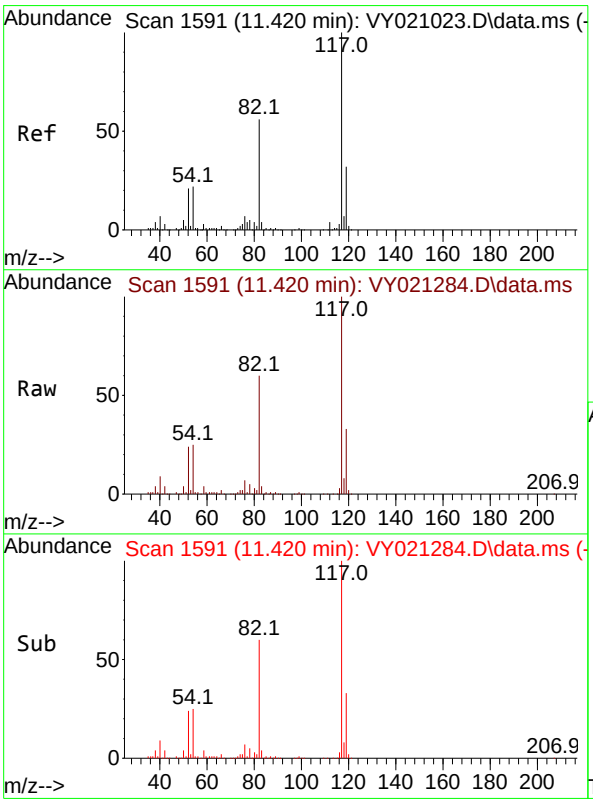
#62
4-Bromofluorobenzene
Concen: 48.543 ug/l
RT: 12.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021284.D
Acq: 21 Feb 2025 14:37

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-16-021725

Tgt Ion: 95 Resp: 129364

Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	160.0
176	81.0	0.0	151.8

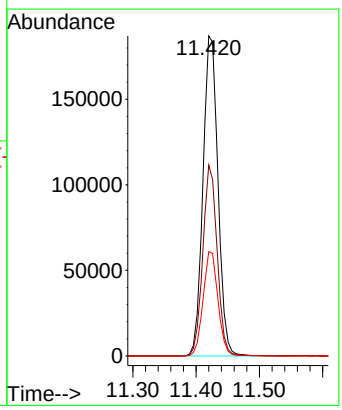


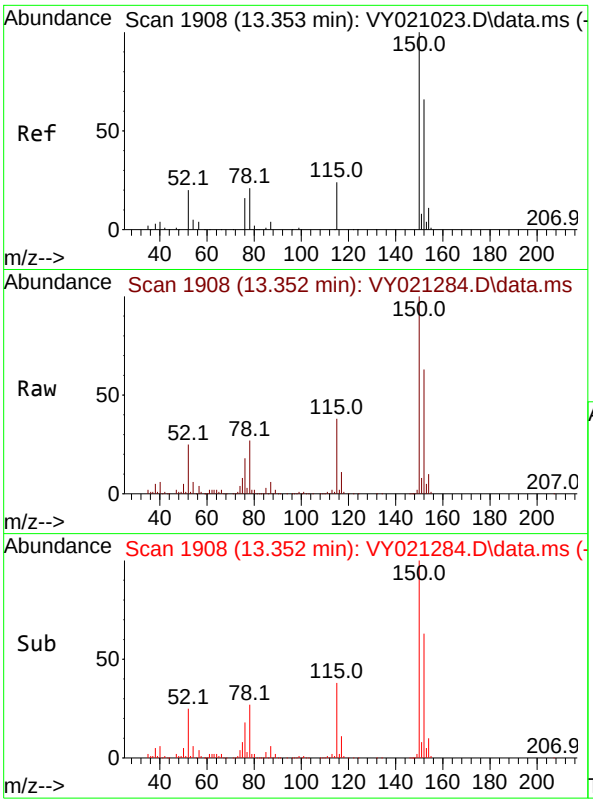


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021284.D
Acq: 21 Feb 2025 14:37

Tgt Ion:117 Resp: 309204

Ion	Ratio	Lower	Upper
117	100		
82	59.6	43.8	65.8
119	32.6	26.5	39.7



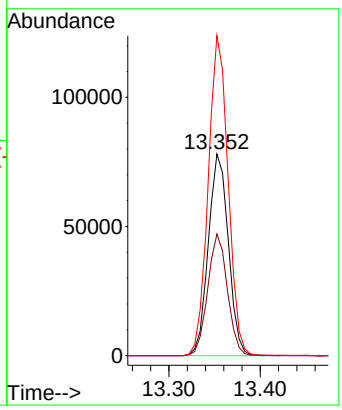


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021284.D
Acq: 21 Feb 2025 14:37

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-16-021725

Tgt Ion:152 Resp: 118737

Ion	Ratio	Lower	Upper
152	100		
115	59.1	30.0	90.0
150	157.6	0.0	344.6



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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-17-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-13	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	91.4
Sample Wt/Vol:	5.18 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021285.D	1		02/21/25 15:00	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0042	U	0.0017	0.0042	0.0053	mg/Kg
74-87-3	Chloromethane	0.0026	UQ	0.0012	0.0026	0.0053	mg/Kg
75-01-4	Vinyl Chloride	0.0026	UQ	0.00081	0.0026	0.0053	mg/Kg
74-83-9	Bromomethane	0.0042	U	0.0011	0.0042	0.0053	mg/Kg
75-00-3	Chloroethane	0.0026	UQ	0.0011	0.0026	0.0053	mg/Kg
109-99-9	Tetrahydrofuran	0.013	U	0.0055	0.013	0.026	mg/Kg
75-69-4	Trichlorofluoromethane	0.0042	U	0.00096	0.0042	0.0053	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0026	U	0.0011	0.0026	0.0053	mg/Kg
75-35-4	1,1-Dichloroethene	0.0026	U	0.00082	0.0026	0.0053	mg/Kg
107-13-1	Acrylonitrile	0.013	U	0.0053	0.013	0.026	mg/Kg
67-64-1	Acetone	0.021	U	0.0066	0.021	0.026	mg/Kg
75-15-0	Carbon Disulfide	0.0042	U	0.0014	0.0042	0.0053	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0026	U	0.00071	0.0026	0.0053	mg/Kg
75-09-2	Methylene Chloride	0.0084	U	0.0036	0.0084	0.011	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0026	U	0.00089	0.0026	0.0053	mg/Kg
75-34-3	1,1-Dichloroethane	0.0026	U	0.00067	0.0026	0.0053	mg/Kg
78-93-3	2-Butanone	0.021	U	0.0060	0.021	0.026	mg/Kg
56-23-5	Carbon Tetrachloride	0.0026	U	0.00092	0.0026	0.0053	mg/Kg
594-20-7	2,2-Dichloropropane	0.0042	U	0.0017	0.0042	0.0053	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0026	U	0.00064	0.0026	0.0053	mg/Kg
67-66-3	Chloroform	0.0042	U	0.00071	0.0042	0.0053	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0026	U	0.00082	0.0026	0.0053	mg/Kg
563-58-6	1,1-Dichloropropene	0.0026	U	0.00077	0.0026	0.0053	mg/Kg
71-43-2	Benzene	0.0026	U	0.00076	0.0026	0.0053	mg/Kg
107-06-2	1,2-Dichloroethane	0.0026	U	0.00064	0.0026	0.0053	mg/Kg
79-01-6	Trichloroethene	0.0026	U	0.00079	0.0026	0.0053	mg/Kg
78-87-5	1,2-Dichloropropane	0.0026	U	0.00070	0.0026	0.0053	mg/Kg
74-95-3	Dibromomethane	0.0026	U	0.00065	0.0026	0.0053	mg/Kg
75-27-4	Bromodichloromethane	0.0026	U	0.00059	0.0026	0.0053	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.013	U	0.0046	0.013	0.026	mg/Kg

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Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-17-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-13	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	91.4
Sample Wt/Vol:	5.18 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021285.D	1		02/21/25 15:00	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0026	U	0.00071	0.0026	0.0053	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0026	U	0.00063	0.0026	0.0053	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0026	U	0.00060	0.0026	0.0053	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0026	U	0.00089	0.0026	0.0053	mg/Kg
142-28-9	1,3-Dichloropropane	0.0026	U	0.00062	0.0026	0.0053	mg/Kg
591-78-6	2-Hexanone	0.013	U	0.0051	0.013	0.026	mg/Kg
124-48-1	Dibromochloromethane	0.0026	U	0.00069	0.0026	0.0053	mg/Kg
106-93-4	1,2-Dibromoethane	0.0026	U	0.00083	0.0026	0.0053	mg/Kg
127-18-4	Tetrachloroethene	0.0026	U	0.00094	0.0026	0.0053	mg/Kg
108-90-7	Chlorobenzene	0.0026	U	0.00078	0.0026	0.0053	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0026	U	0.00068	0.0026	0.0053	mg/Kg
100-41-4	Ethyl Benzene	0.0026	U	0.00065	0.0026	0.0053	mg/Kg
179601-23-1	m/p-Xylenes	0.0053	U	0.0014	0.0053	0.011	mg/Kg
1330-20-7	Total Xylenes	0.0079	U	0.0021	0.0079	0.016	mg/Kg
95-47-6	o-Xylene	0.0026	U	0.00074	0.0026	0.0053	mg/Kg
100-42-5	Styrene	0.0026	U	0.00063	0.0026	0.0053	mg/Kg
75-25-2	Bromoform	0.0026	U	0.00086	0.0026	0.0053	mg/Kg
98-82-8	Isopropylbenzene	0.0026	U	0.00071	0.0026	0.0053	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0026	U	0.0012	0.0026	0.0053	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0042	U	0.0012	0.0042	0.0053	mg/Kg
108-86-1	Bromobenzene	0.0026	U	0.00069	0.0026	0.0053	mg/Kg
103-65-1	n-propylbenzene	0.0026	U	0.00068	0.0026	0.0053	mg/Kg
95-49-8	2-Chlorotoluene	0.0026	U	0.00065	0.0026	0.0053	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0026	U	0.00068	0.0026	0.0053	mg/Kg
106-43-4	4-Chlorotoluene	0.0026	U	0.00062	0.0026	0.0053	mg/Kg
98-06-6	tert-Butylbenzene	0.0026	U	0.00071	0.0026	0.0053	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0026	U	0.0014	0.0026	0.0053	mg/Kg
135-98-8	sec-Butylbenzene	0.0026	U	0.00071	0.0026	0.0053	mg/Kg
99-87-6	p-Isopropyltoluene	0.0026	U	0.00061	0.0026	0.0053	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0026	U	0.00078	0.0026	0.0053	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0026	U	0.00084	0.0026	0.0053	mg/Kg

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Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-17-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-13	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	91.4
Sample Wt/Vol:	5.18 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021285.D	1		02/21/25 15:00	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0026	U	0.00067	0.0026	0.0053	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0026	U	0.00062	0.0026	0.0053	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0042	U	0.0016	0.0042	0.0053	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0026	U	0.00083	0.0026	0.0053	mg/Kg
87-68-3	Hexachlorobutadiene	0.0026	U	0.00086	0.0026	0.0053	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0026	U	0.00082	0.0026	0.0053	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0026	U	0.00084	0.0026	0.0053	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	61.3		71 - 136		123%	SPK: 50
1868-53-7	Dibromofluoromethane	51.5		78 - 119		103%	SPK: 50
2037-26-5	Toluene-d8	51.0		85 - 116		102%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.6		79 - 119		99%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	170000	7.719				
540-36-3	1,4-Difluorobenzene	329000	8.622				
3114-55-4	Chlorobenzene-d5	312000	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	122000	13.353				

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_Y\Data\VY022125\
Data File : VY021285.D
Acq On : 21 Feb 2025 15:00
Operator : SY/MD
Sample : Q1383-13
Misc : 5.18g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-17-021725

Quant Time: Feb 21 23:08:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.719	168	169502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	329422	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	311982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	121669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	106392	61.262	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.520%			
35) Dibromofluoromethane	7.640	113	108800	51.536	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.080%			
50) Toluene-d8	10.115	98	410296	51.049	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.100%			
62) 4-Bromofluorobenzene	12.408	95	130342	49.640	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.280%			

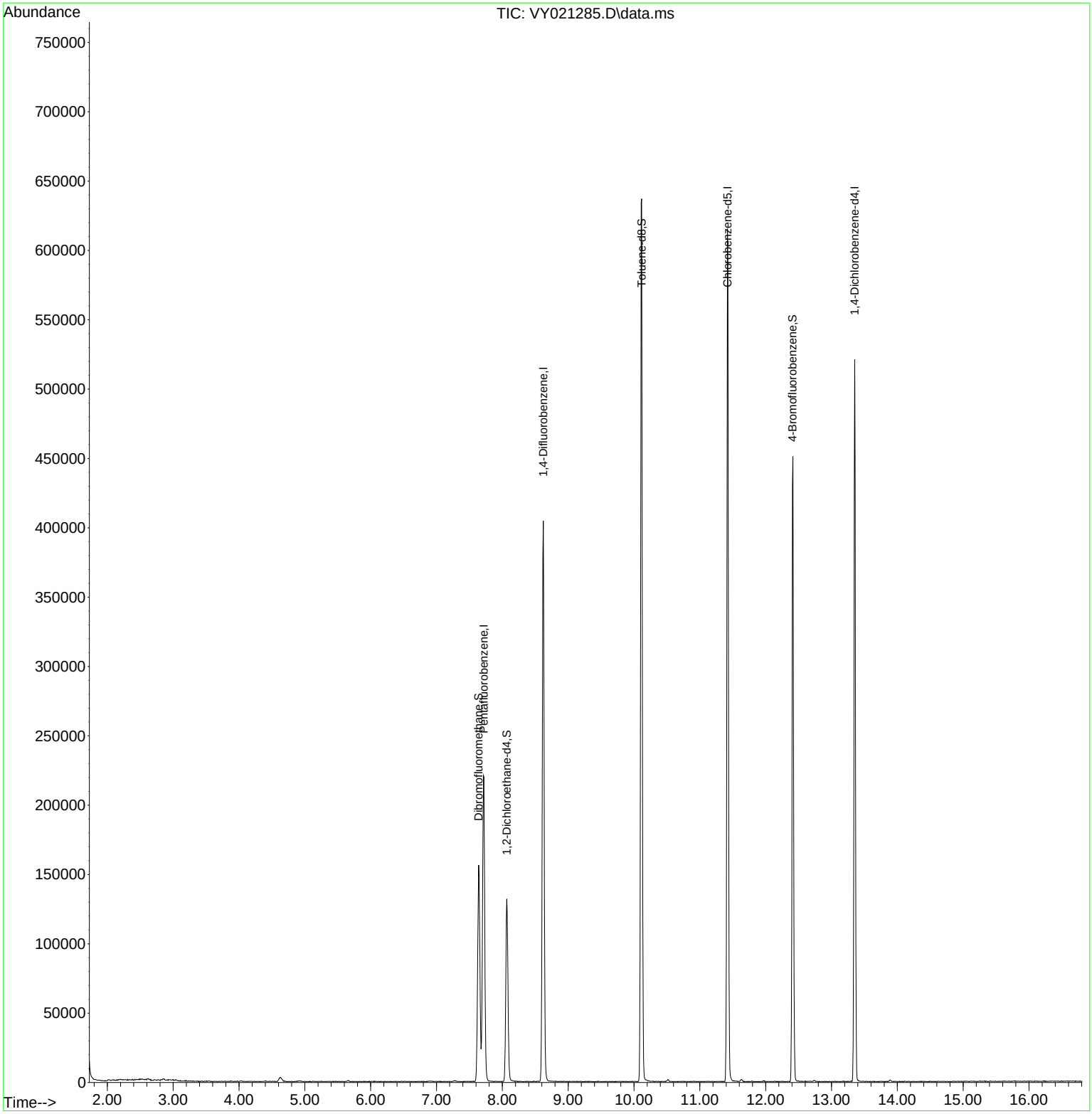
Target Compounds Qvalue

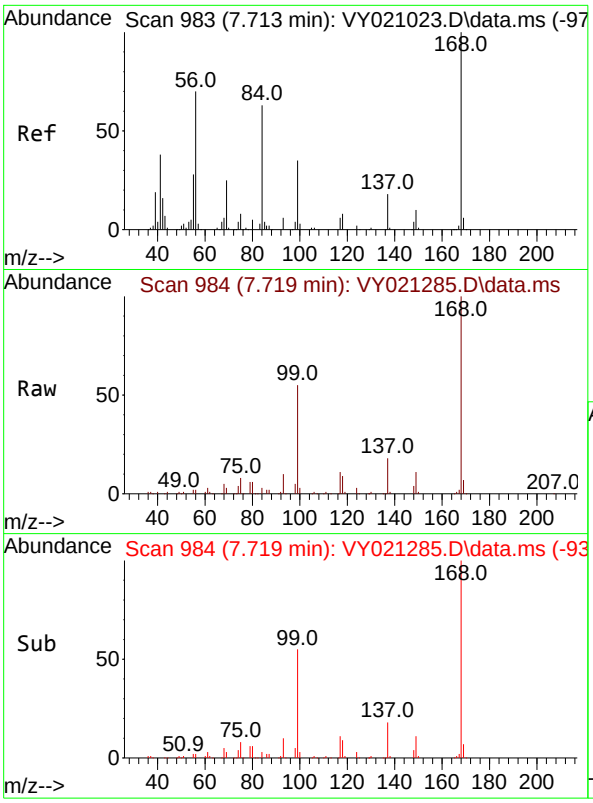
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021285.D
Acq On : 21 Feb 2025 15:00
Operator : SY/MD
Sample : Q1383-13
Misc : 5.18g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-17-021725

Quant Time: Feb 21 23:08:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration



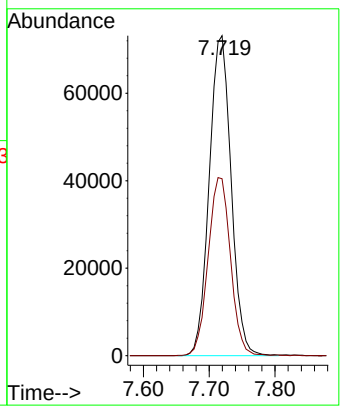


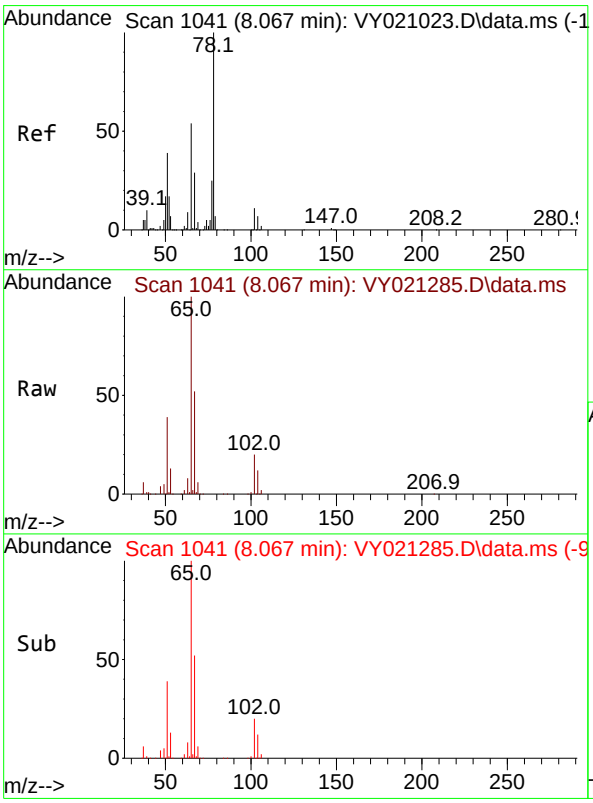
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021285.D
Acq: 21 Feb 2025 15:00

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-17-021725

Tgt Ion:168 Resp: 169502

Ion	Ratio	Lower	Upper
168	100		
99	55.2	44.2	66.4

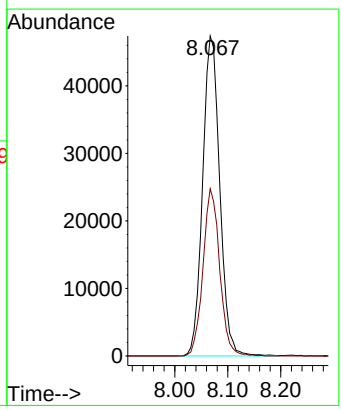


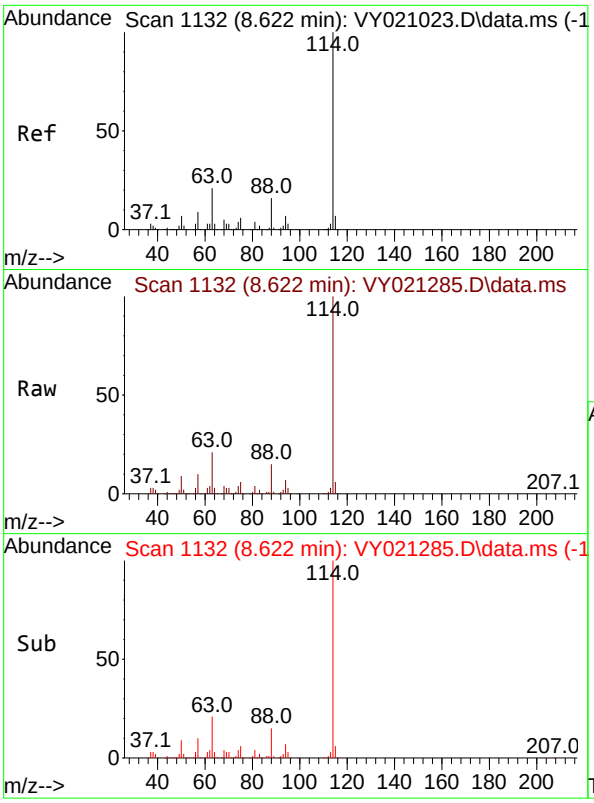


#33
1,2-Dichloroethane-d4
Concen: 61.262 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021285.D
Acq: 21 Feb 2025 15:00

Tgt Ion: 65 Resp: 106392

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	109.0



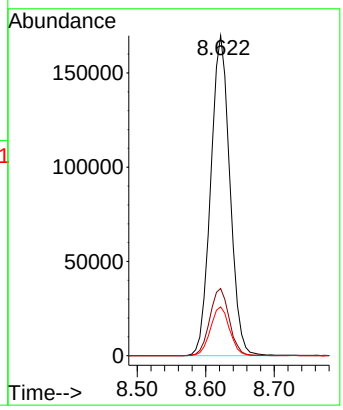


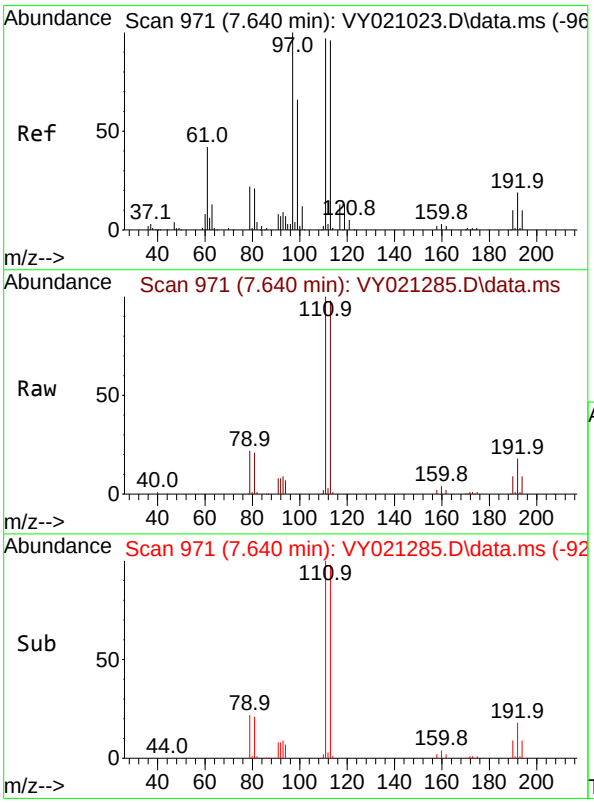
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021285.D
Acq: 21 Feb 2025 15:00

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-17-021725

Tgt Ion:114 Resp: 329422

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	37.4
88	15.2	0.0	29.0

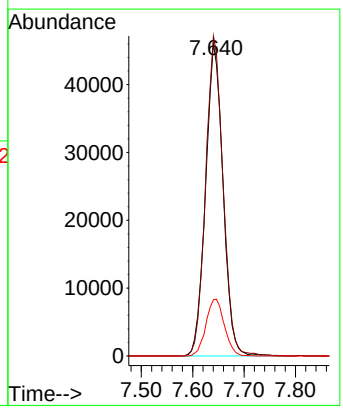


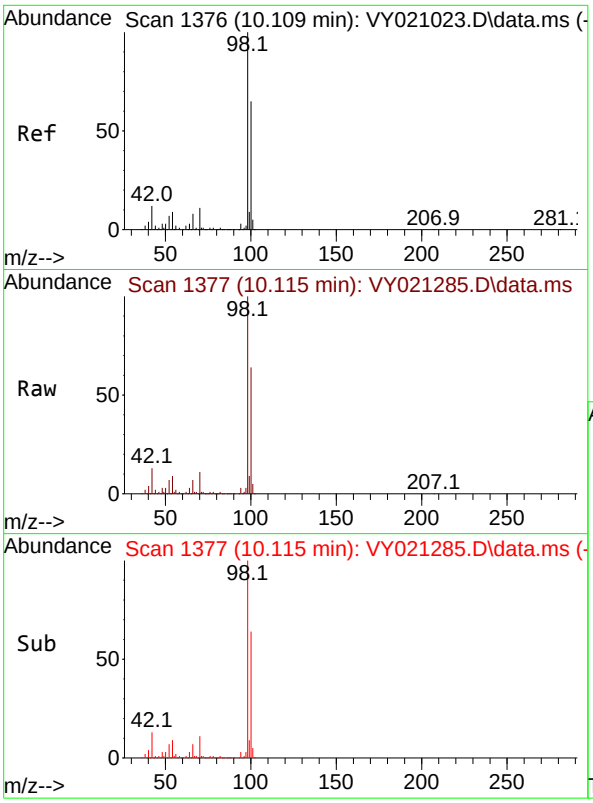


#35
Dibromofluoromethane
Concen: 51.536 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY021285.D
Acq: 21 Feb 2025 15:00

Tgt Ion:113 Resp: 108800

Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.8	125.6
192	19.1	14.5	21.7



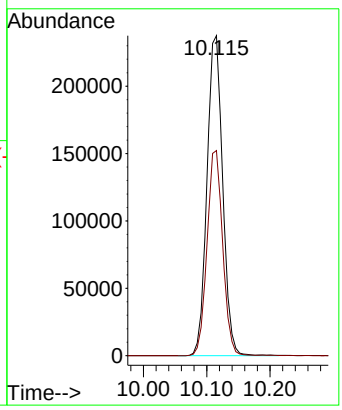


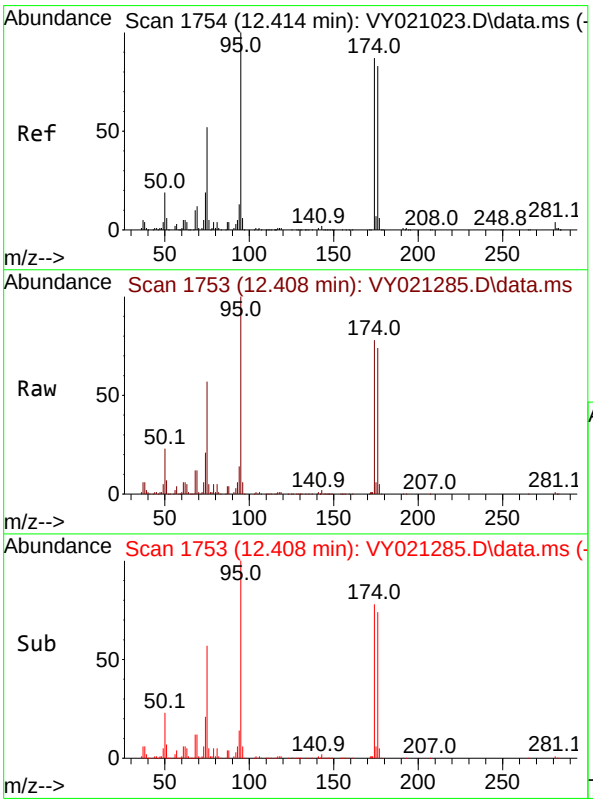
#50
Toluene-d8
Concen: 51.049 ug/l
RT: 10.115 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021285.D
Acq: 21 Feb 2025 15:00

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-17-021725

Tgt Ion: 98 Resp: 410296

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.3	78.5

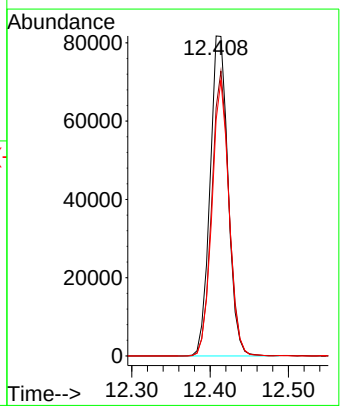


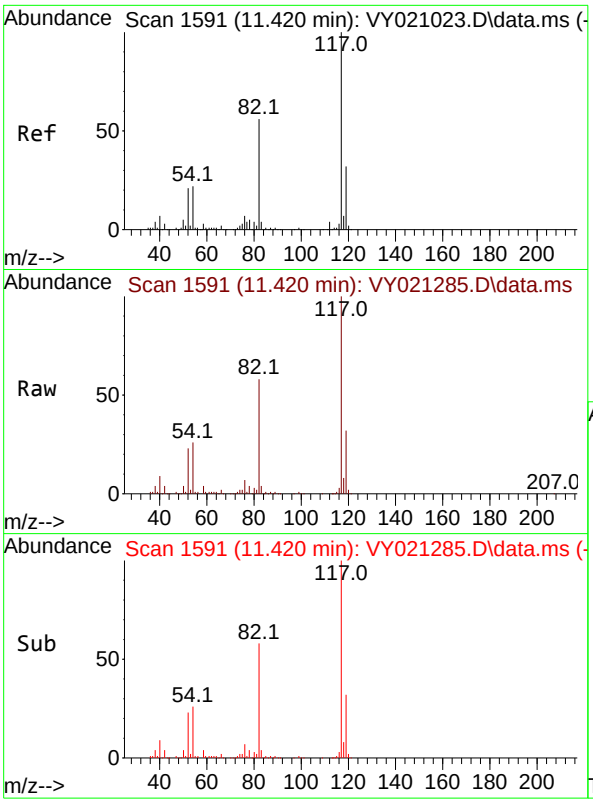


#62
4-Bromofluorobenzene
Concen: 49.640 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021285.D
Acq: 21 Feb 2025 15:00

Tgt Ion: 95 Resp: 130342

Ion	Ratio	Lower	Upper
95	100		
174	85.4	0.0	160.0
176	81.8	0.0	151.8



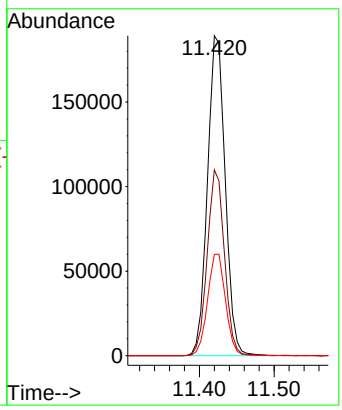


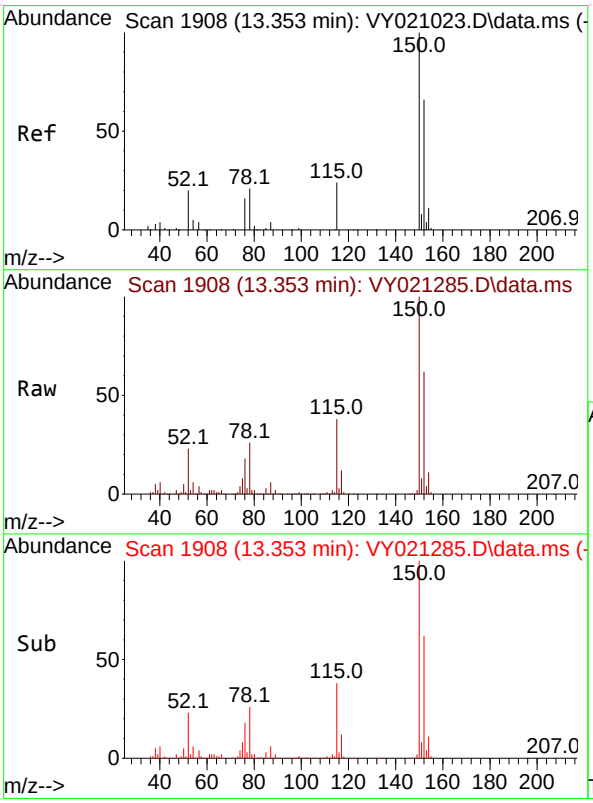
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021285.D
Acq: 21 Feb 2025 15:00

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-17-021725

Tgt Ion:117 Resp: 311982

Ion	Ratio	Lower	Upper
117	100		
82	58.0	43.8	65.8
119	31.7	26.5	39.7

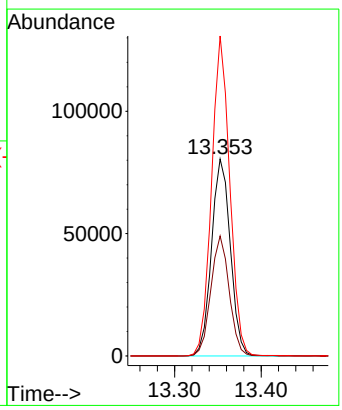




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021285.D
Acq: 21 Feb 2025 15:00

Tgt Ion:152 Resp: 121669

Ion	Ratio	Lower	Upper
152	100		
115	59.4	30.0	90.0
150	156.6	0.0	344.6



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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-18-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-15	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	91.9
Sample Wt/Vol:	5.74 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021286.D	1		02/21/25 15:24	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0038	U	0.0016	0.0038	0.0047	mg/Kg
74-87-3	Chloromethane	0.0024	UQ	0.0011	0.0024	0.0047	mg/Kg
75-01-4	Vinyl Chloride	0.0024	UQ	0.00073	0.0024	0.0047	mg/Kg
74-83-9	Bromomethane	0.0038	U	0.00098	0.0038	0.0047	mg/Kg
75-00-3	Chloroethane	0.0024	UQ	0.00096	0.0024	0.0047	mg/Kg
109-99-9	Tetrahydrofuran	0.012	U	0.0050	0.012	0.024	mg/Kg
75-69-4	Trichlorofluoromethane	0.0038	U	0.00086	0.0038	0.0047	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0024	U	0.0010	0.0024	0.0047	mg/Kg
75-35-4	1,1-Dichloroethene	0.0024	U	0.00074	0.0024	0.0047	mg/Kg
107-13-1	Acrylonitrile	0.012	U	0.0047	0.012	0.024	mg/Kg
67-64-1	Acetone	0.11		0.0059	0.019	0.024	mg/Kg
75-15-0	Carbon Disulfide	0.0038	U	0.0012	0.0038	0.0047	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0024	U	0.00064	0.0024	0.0047	mg/Kg
75-09-2	Methylene Chloride	0.0076	U	0.0032	0.0076	0.0095	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0024	U	0.00080	0.0024	0.0047	mg/Kg
75-34-3	1,1-Dichloroethane	0.0024	U	0.00060	0.0024	0.0047	mg/Kg
78-93-3	2-Butanone	0.019	U	0.0054	0.019	0.024	mg/Kg
56-23-5	Carbon Tetrachloride	0.0024	U	0.00082	0.0024	0.0047	mg/Kg
594-20-7	2,2-Dichloropropane	0.0038	U	0.0015	0.0038	0.0047	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0024	U	0.00058	0.0024	0.0047	mg/Kg
67-66-3	Chloroform	0.0038	U	0.00064	0.0038	0.0047	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0024	U	0.00074	0.0024	0.0047	mg/Kg
563-58-6	1,1-Dichloropropene	0.0024	U	0.00069	0.0024	0.0047	mg/Kg
71-43-2	Benzene	0.0024	U	0.00068	0.0024	0.0047	mg/Kg
107-06-2	1,2-Dichloroethane	0.0024	U	0.00058	0.0024	0.0047	mg/Kg
79-01-6	Trichloroethene	0.0024	U	0.00071	0.0024	0.0047	mg/Kg
78-87-5	1,2-Dichloropropane	0.0024	U	0.00063	0.0024	0.0047	mg/Kg
74-95-3	Dibromomethane	0.0024	U	0.00059	0.0024	0.0047	mg/Kg
75-27-4	Bromodichloromethane	0.0024	U	0.00053	0.0024	0.0047	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.012	U	0.0041	0.012	0.024	mg/Kg

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Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-18-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-15	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	91.9
Sample Wt/Vol:	5.74 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021286.D	1		02/21/25 15:24	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0024	U	0.00064	0.0024	0.0047	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0024	U	0.00057	0.0024	0.0047	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0024	U	0.00054	0.0024	0.0047	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0024	U	0.00080	0.0024	0.0047	mg/Kg
142-28-9	1,3-Dichloropropane	0.0024	U	0.00056	0.0024	0.0047	mg/Kg
591-78-6	2-Hexanone	0.012	U	0.0045	0.012	0.024	mg/Kg
124-48-1	Dibromochloromethane	0.0024	U	0.00062	0.0024	0.0047	mg/Kg
106-93-4	1,2-Dibromoethane	0.0024	U	0.00075	0.0024	0.0047	mg/Kg
127-18-4	Tetrachloroethene	0.0024	U	0.00084	0.0024	0.0047	mg/Kg
108-90-7	Chlorobenzene	0.0024	U	0.00070	0.0024	0.0047	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0024	U	0.00061	0.0024	0.0047	mg/Kg
100-41-4	Ethyl Benzene	0.0024	U	0.00059	0.0024	0.0047	mg/Kg
179601-23-1	m/p-Xylenes	0.0047	U	0.0013	0.0047	0.0095	mg/Kg
1330-20-7	Total Xylenes	0.0071	U	0.0020	0.0071	0.014	mg/Kg
95-47-6	o-Xylene	0.0024	U	0.00066	0.0024	0.0047	mg/Kg
100-42-5	Styrene	0.0024	U	0.00057	0.0024	0.0047	mg/Kg
75-25-2	Bromoform	0.0024	U	0.00077	0.0024	0.0047	mg/Kg
98-82-8	Isopropylbenzene	0.0024	U	0.00064	0.0024	0.0047	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0024	U	0.0010	0.0024	0.0047	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0038	U	0.0011	0.0038	0.0047	mg/Kg
108-86-1	Bromobenzene	0.0024	U	0.00062	0.0024	0.0047	mg/Kg
103-65-1	n-propylbenzene	0.0024	U	0.00061	0.0024	0.0047	mg/Kg
95-49-8	2-Chlorotoluene	0.0024	U	0.00059	0.0024	0.0047	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0024	U	0.00061	0.0024	0.0047	mg/Kg
106-43-4	4-Chlorotoluene	0.0024	U	0.00056	0.0024	0.0047	mg/Kg
98-06-6	tert-Butylbenzene	0.0024	U	0.00064	0.0024	0.0047	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0024	U	0.0013	0.0024	0.0047	mg/Kg
135-98-8	sec-Butylbenzene	0.0024	U	0.00064	0.0024	0.0047	mg/Kg
99-87-6	p-Isopropyltoluene	0.0024	U	0.00055	0.0024	0.0047	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0024	U	0.00070	0.0024	0.0047	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0024	U	0.00076	0.0024	0.0047	mg/Kg

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Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-18-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-15	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	91.9
Sample Wt/Vol:	5.74 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021286.D	1		02/21/25 15:24	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0024	U	0.00060	0.0024	0.0047	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0024	U	0.00056	0.0024	0.0047	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0038	U	0.0015	0.0038	0.0047	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0024	U	0.00075	0.0024	0.0047	mg/Kg
87-68-3	Hexachlorobutadiene	0.0024	U	0.00077	0.0024	0.0047	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0024	U	0.00074	0.0024	0.0047	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0024	U	0.00076	0.0024	0.0047	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	65.1		71 - 136		130%	SPK: 50
1868-53-7	Dibromofluoromethane	52.5		78 - 119		105%	SPK: 50
2037-26-5	Toluene-d8	51.0		85 - 116		102%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.9		79 - 119		102%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	168000	7.719				
540-36-3	1,4-Difluorobenzene	328000	8.622				
3114-55-4	Chlorobenzene-d5	315000	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	127000	13.353				

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_Y\Data\VY022125\
Data File : VY021286.D
Acq On : 21 Feb 2025 15:24
Operator : SY/MD
Sample : Q1383-15
Misc : 5.74g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-18-021725

Quant Time: Feb 21 23:08:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

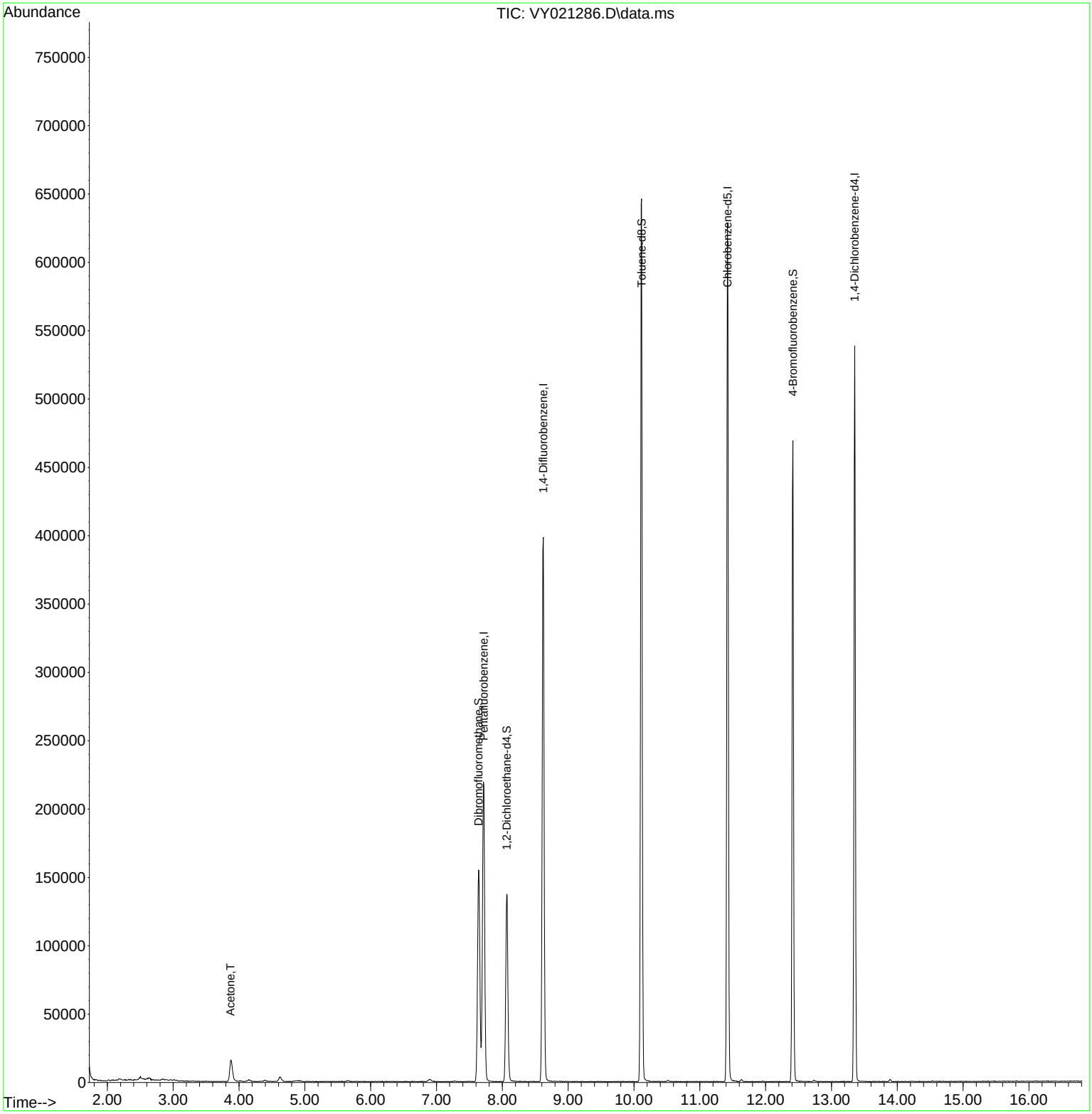
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.719	168	168253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	327688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	315012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	126536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	112157	65.061	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.120%			
35) Dibromofluoromethane	7.640	113	110308	52.527	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.060%			
50) Toluene-d8	10.115	98	407398	50.957	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.920%			
62) 4-Bromofluorobenzene	12.414	95	132835	50.857	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.720%			
Target Compounds						Qvalue
16) Acetone	3.873	43	29983	111.529	ug/l	92

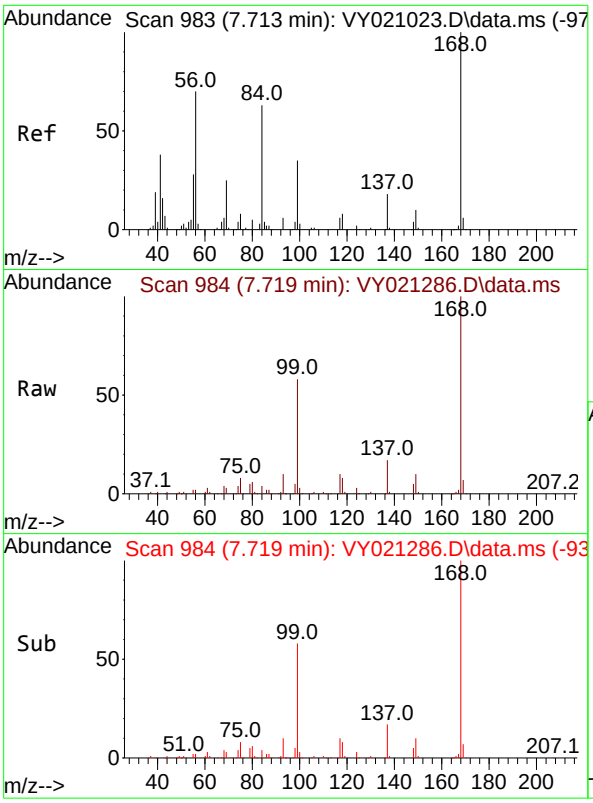
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021286.D
Acq On : 21 Feb 2025 15:24
Operator : SY/MD
Sample : Q1383-15
Misc : 5.74g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-18-021725

Quant Time: Feb 21 23:08:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration



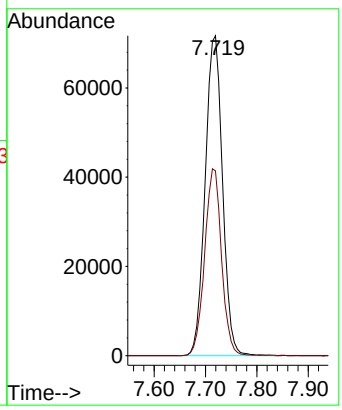


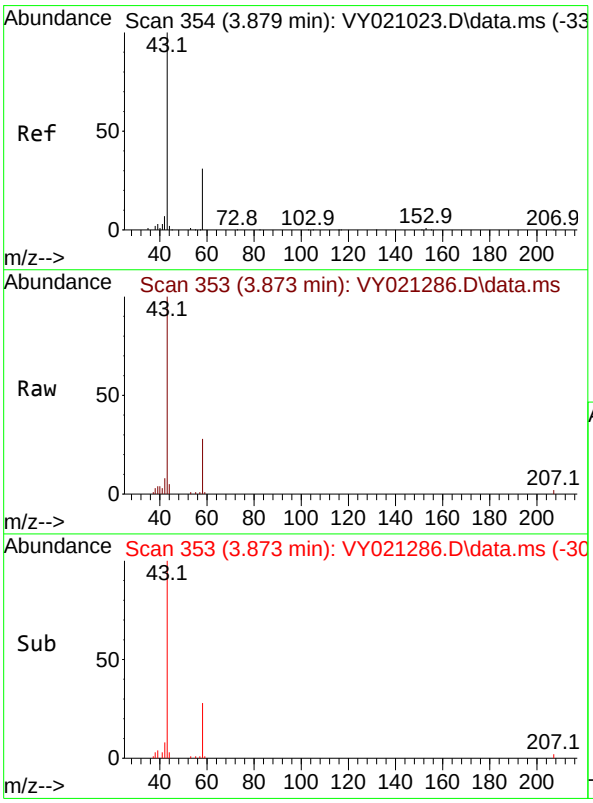
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021286.D
Acq: 21 Feb 2025 15:24

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-18-021725

Tgt Ion:168 Resp: 168253

Ion	Ratio	Lower	Upper
168	100		
99	57.7	44.2	66.4

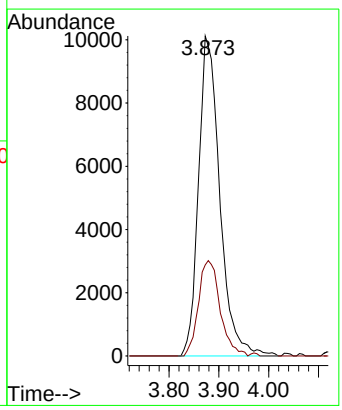


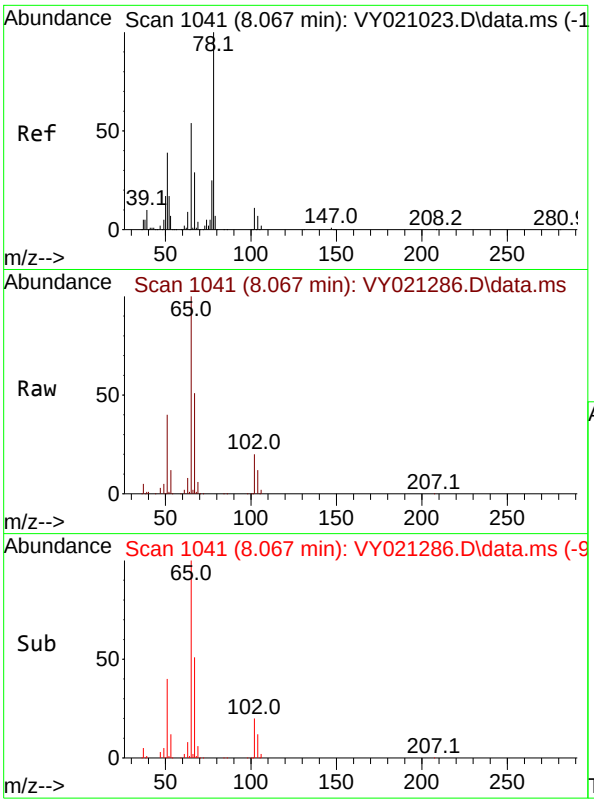


#16
Acetone
Concen: 111.529 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY021286.D
Acq: 21 Feb 2025 15:24

Tgt Ion: 43 Resp: 29983

Ion	Ratio	Lower	Upper
43	100		
58	28.5	26.6	39.8



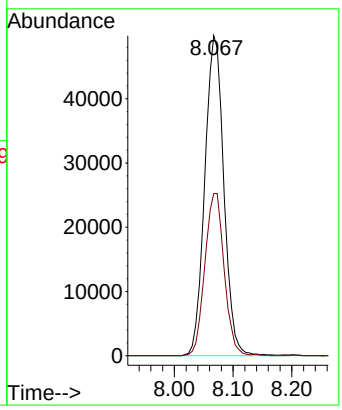


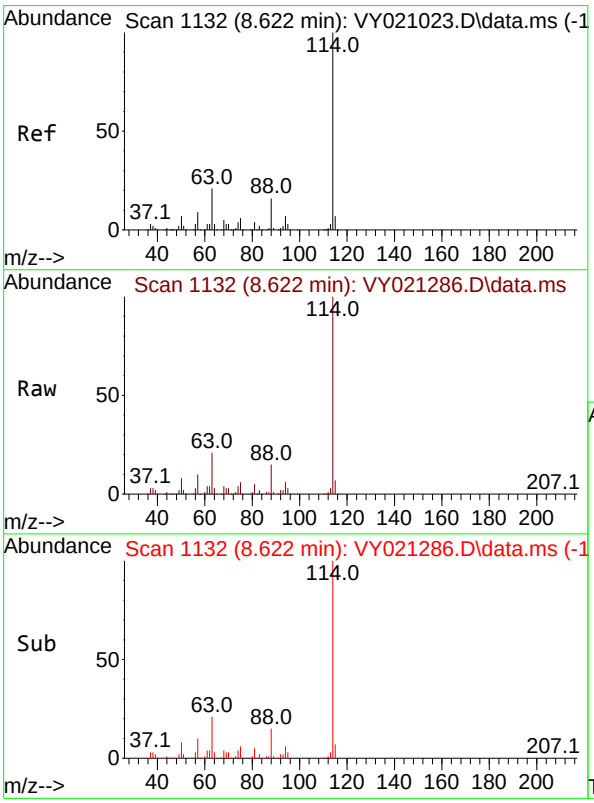
#33
1,2-Dichloroethane-d4
Concen: 65.061 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021286.D
Acq: 21 Feb 2025 15:24

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-18-021725

Tgt Ion: 65 Resp: 112157

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	109.0

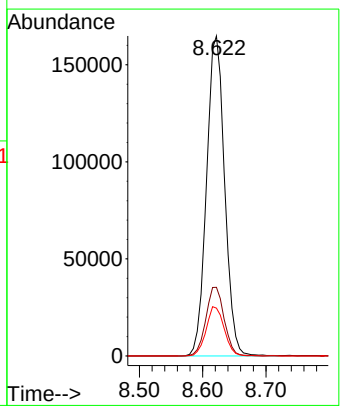


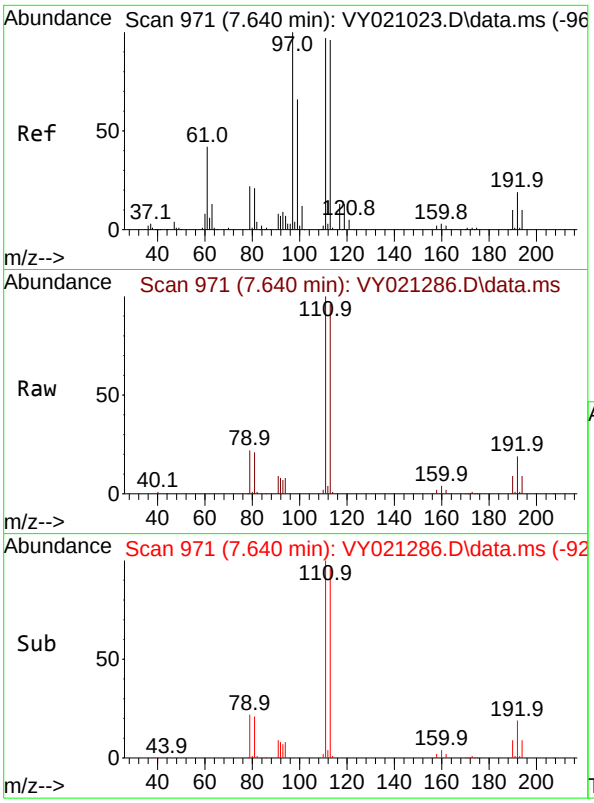


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021286.D
Acq: 21 Feb 2025 15:24

Tgt Ion:114 Resp: 327688

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	37.4
88	14.9	0.0	29.0



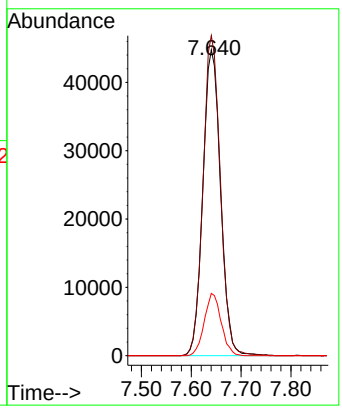


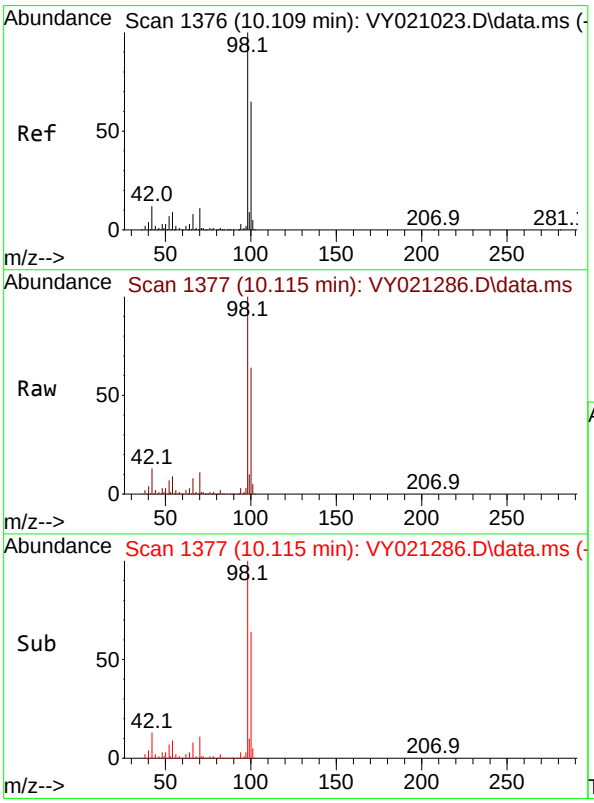
#35
Dibromofluoromethane
Concen: 52.527 ug/l
RT: 7.640 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021286.D
Acq: 21 Feb 2025 15:24

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-18-021725

Tgt Ion:113 Resp: 110308

Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.8	125.6
192	19.4	14.5	21.7

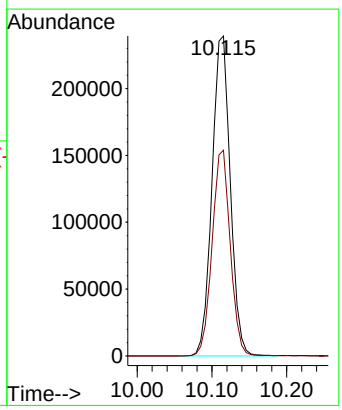


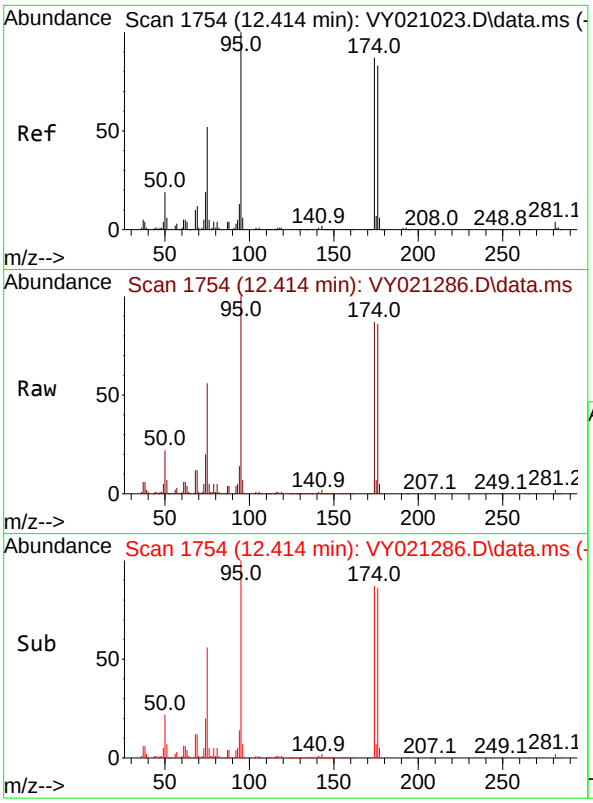


#50
Toluene-d8
Concen: 50.957 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021286.D
Acq: 21 Feb 2025 15:24

Tgt Ion: 98 Resp: 407398

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.3	78.5



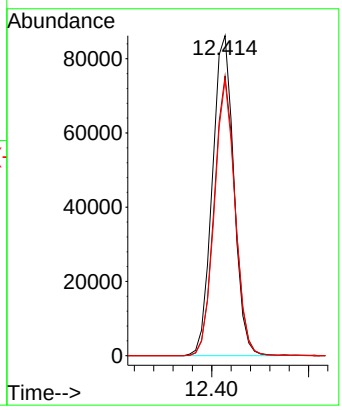


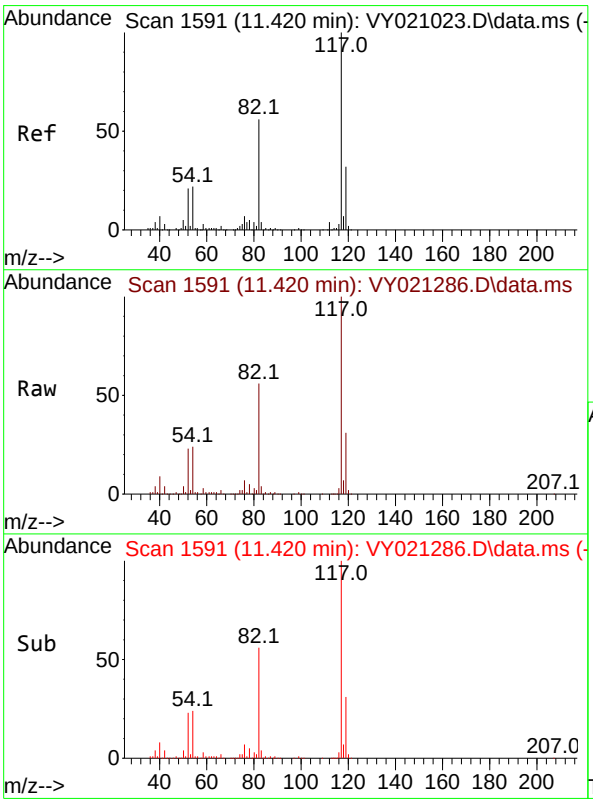
#62
4-Bromofluorobenzene
Concen: 50.857 ug/l
RT: 12.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021286.D
Acq: 21 Feb 2025 15:24

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-18-021725

Tgt Ion: 95 Resp: 132835

Ion	Ratio	Lower	Upper
95	100		
174	84.9	0.0	160.0
176	82.9	0.0	151.8

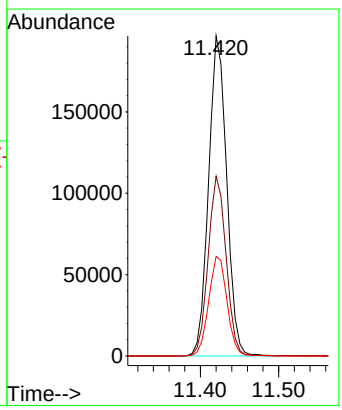


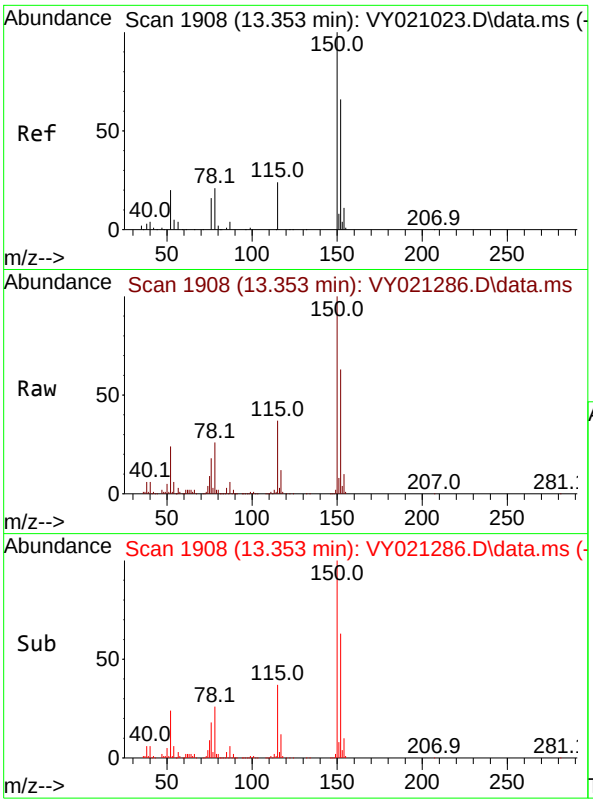


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021286.D
Acq: 21 Feb 2025 15:24

Tgt Ion:117 Resp: 315012

Ion	Ratio	Lower	Upper
117	100		
82	56.2	43.8	65.8
119	31.2	26.5	39.7



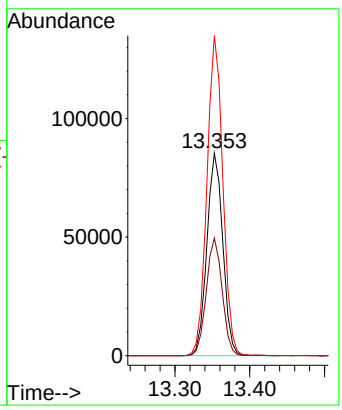


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021286.D
Acq: 21 Feb 2025 15:24

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-18-021725

Tgt Ion:152 Resp: 126536

Ion	Ratio	Lower	Upper
152	100		
115	57.9	30.0	90.0
150	157.5	0.0	344.6



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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-19-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-17	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.1
Sample Wt/Vol:	5.83 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021287.D	1		02/21/25 15:47	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0037	U	0.0015	0.0037	0.0047	mg/Kg
74-87-3	Chloromethane	0.0023	UQ	0.0011	0.0023	0.0047	mg/Kg
75-01-4	Vinyl Chloride	0.0023	UQ	0.00072	0.0023	0.0047	mg/Kg
74-83-9	Bromomethane	0.0037	U	0.00096	0.0037	0.0047	mg/Kg
75-00-3	Chloroethane	0.0023	UQ	0.00094	0.0023	0.0047	mg/Kg
109-99-9	Tetrahydrofuran	0.012	U	0.0049	0.012	0.023	mg/Kg
75-69-4	Trichlorofluoromethane	0.0037	U	0.00085	0.0037	0.0047	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0023	U	0.0010	0.0023	0.0047	mg/Kg
75-35-4	1,1-Dichloroethene	0.0023	U	0.00073	0.0023	0.0047	mg/Kg
107-13-1	Acrylonitrile	0.012	U	0.0047	0.012	0.023	mg/Kg
67-64-1	Acetone	0.057		0.0058	0.019	0.023	mg/Kg
75-15-0	Carbon Disulfide	0.0037	U	0.0012	0.0037	0.0047	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0023	U	0.00062	0.0023	0.0047	mg/Kg
75-09-2	Methylene Chloride	0.0074	U	0.0032	0.0074	0.0093	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0023	U	0.00078	0.0023	0.0047	mg/Kg
75-34-3	1,1-Dichloroethane	0.0023	U	0.00059	0.0023	0.0047	mg/Kg
78-93-3	2-Butanone	0.019	U	0.0053	0.019	0.023	mg/Kg
56-23-5	Carbon Tetrachloride	0.0023	U	0.00081	0.0023	0.0047	mg/Kg
594-20-7	2,2-Dichloropropane	0.0037	U	0.0015	0.0037	0.0047	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0023	U	0.00057	0.0023	0.0047	mg/Kg
67-66-3	Chloroform	0.0037	U	0.00062	0.0037	0.0047	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0023	U	0.00073	0.0023	0.0047	mg/Kg
563-58-6	1,1-Dichloropropene	0.0023	U	0.00068	0.0023	0.0047	mg/Kg
71-43-2	Benzene	0.0023	U	0.00067	0.0023	0.0047	mg/Kg
107-06-2	1,2-Dichloroethane	0.0023	U	0.00057	0.0023	0.0047	mg/Kg
79-01-6	Trichloroethene	0.0023	U	0.00070	0.0023	0.0047	mg/Kg
78-87-5	1,2-Dichloropropane	0.0023	U	0.00061	0.0023	0.0047	mg/Kg
74-95-3	Dibromomethane	0.0023	U	0.00058	0.0023	0.0047	mg/Kg
75-27-4	Bromodichloromethane	0.0023	U	0.00052	0.0023	0.0047	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.012	U	0.0041	0.012	0.023	mg/Kg

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-19-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-17	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.1
Sample Wt/Vol:	5.83 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021287.D	1		02/21/25 15:47	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0023	U	0.00062	0.0023	0.0047	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0023	U	0.00056	0.0023	0.0047	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0023	U	0.00053	0.0023	0.0047	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0023	U	0.00078	0.0023	0.0047	mg/Kg
142-28-9	1,3-Dichloropropane	0.0023	U	0.00055	0.0023	0.0047	mg/Kg
591-78-6	2-Hexanone	0.012	U	0.0045	0.012	0.023	mg/Kg
124-48-1	Dibromochloromethane	0.0023	U	0.00061	0.0023	0.0047	mg/Kg
106-93-4	1,2-Dibromoethane	0.0023	U	0.00074	0.0023	0.0047	mg/Kg
127-18-4	Tetrachloroethene	0.0023	U	0.00083	0.0023	0.0047	mg/Kg
108-90-7	Chlorobenzene	0.0023	U	0.00069	0.0023	0.0047	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0023	U	0.00060	0.0023	0.0047	mg/Kg
100-41-4	Ethyl Benzene	0.0023	U	0.00058	0.0023	0.0047	mg/Kg
179601-23-1	m/p-Xylenes	0.0047	U	0.0013	0.0047	0.0093	mg/Kg
1330-20-7	Total Xylenes	0.0070	U	0.0020	0.0070	0.014	mg/Kg
95-47-6	o-Xylene	0.0023	U	0.00065	0.0023	0.0047	mg/Kg
100-42-5	Styrene	0.0023	U	0.00056	0.0023	0.0047	mg/Kg
75-25-2	Bromoform	0.0023	U	0.00075	0.0023	0.0047	mg/Kg
98-82-8	Isopropylbenzene	0.0023	U	0.00062	0.0023	0.0047	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0023	U	0.0010	0.0023	0.0047	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0037	U	0.0011	0.0037	0.0047	mg/Kg
108-86-1	Bromobenzene	0.0023	U	0.00061	0.0023	0.0047	mg/Kg
103-65-1	n-propylbenzene	0.0023	U	0.00060	0.0023	0.0047	mg/Kg
95-49-8	2-Chlorotoluene	0.0023	U	0.00058	0.0023	0.0047	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0023	U	0.00060	0.0023	0.0047	mg/Kg
106-43-4	4-Chlorotoluene	0.0023	U	0.00055	0.0023	0.0047	mg/Kg
98-06-6	tert-Butylbenzene	0.0023	U	0.00062	0.0023	0.0047	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0023	U	0.0013	0.0023	0.0047	mg/Kg
135-98-8	sec-Butylbenzene	0.0023	U	0.00062	0.0023	0.0047	mg/Kg
99-87-6	p-Isopropyltoluene	0.0023	U	0.00054	0.0023	0.0047	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0023	U	0.00069	0.0023	0.0047	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0023	U	0.00074	0.0023	0.0047	mg/Kg

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Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-19-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-17	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.1
Sample Wt/Vol:	5.83 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021287.D	1		02/21/25 15:47	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0023	U	0.00059	0.0023	0.0047	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0023	U	0.00055	0.0023	0.0047	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0037	U	0.0015	0.0037	0.0047	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0023	U	0.00074	0.0023	0.0047	mg/Kg
87-68-3	Hexachlorobutadiene	0.0023	U	0.00075	0.0023	0.0047	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0023	U	0.00073	0.0023	0.0047	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0023	U	0.00074	0.0023	0.0047	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	61.1		71 - 136		122%	SPK: 50
1868-53-7	Dibromofluoromethane	51.2		78 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	50.8		85 - 116		102%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.7		79 - 119		97%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	165000	7.713				
540-36-3	1,4-Difluorobenzene	321000	8.622				
3114-55-4	Chlorobenzene-d5	300000	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	120000	13.353				

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_Y\Data\VY022125\
Data File : VY021287.D
Acq On : 21 Feb 2025 15:47
Operator : SY/MD
Sample : Q1383-17
Misc : 5.83g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-19-021725

Quant Time: Feb 21 23:08:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

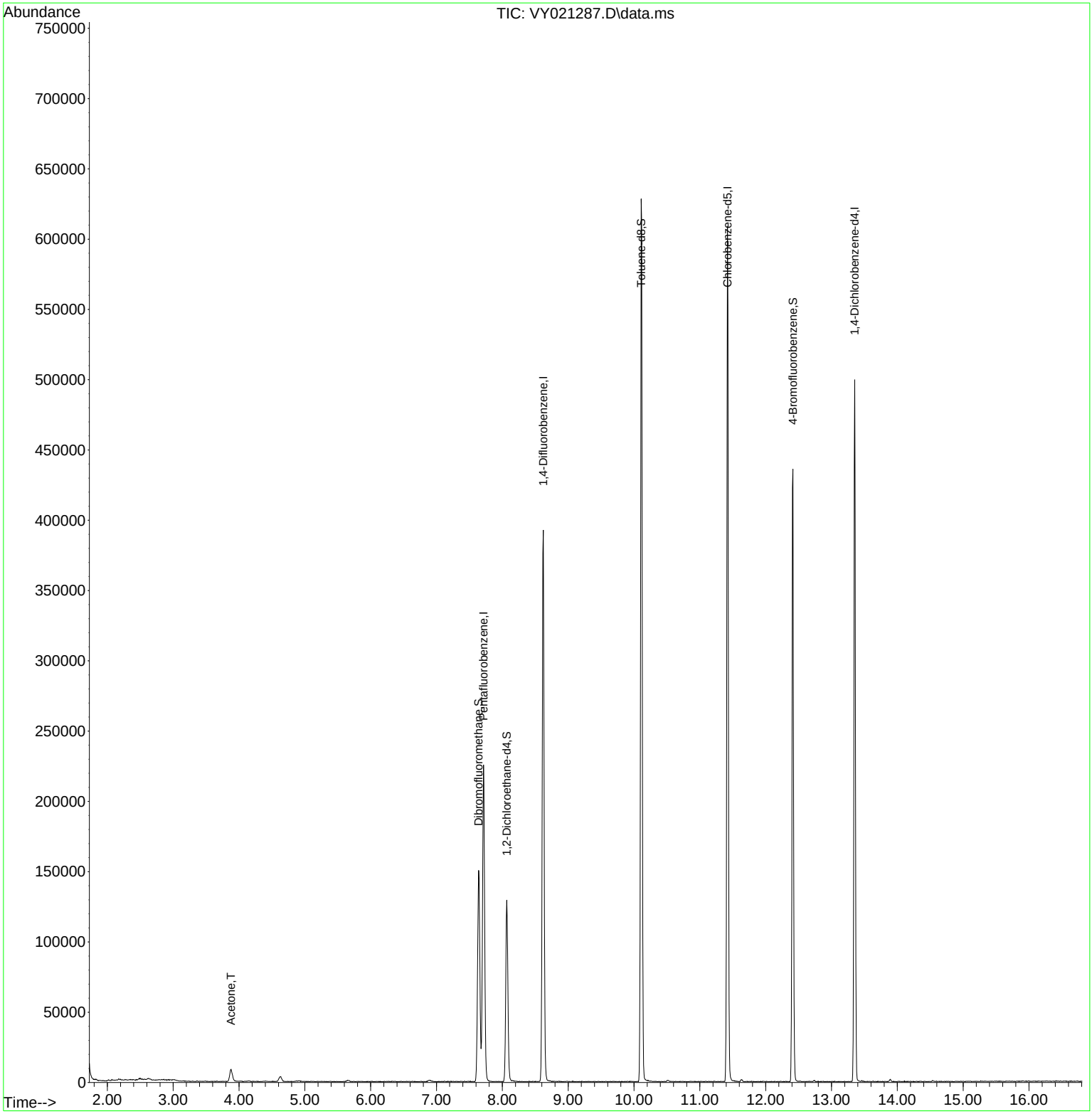
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	164839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	321028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	299636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	120303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	103167	61.085	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.180%			
35) Dibromofluoromethane	7.640	113	105416	51.238	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.480%			
50) Toluene-d8	10.109	98	398060	50.821	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.640%			
62) 4-Bromofluorobenzene	12.414	95	124605	48.696	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.400%			
Target Compounds						Qvalue
16) Acetone	3.879	43	16130	61.242	ug/l #	88

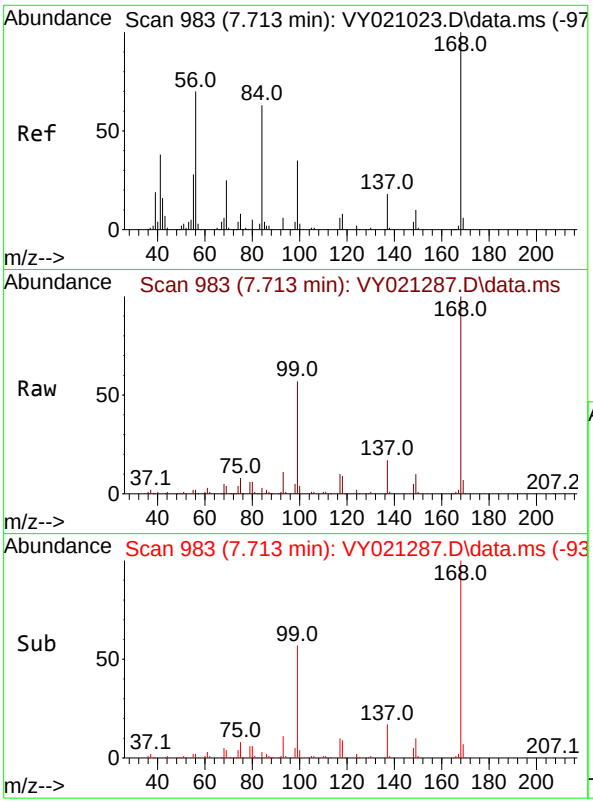
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021287.D
Acq On : 21 Feb 2025 15:47
Operator : SY/MD
Sample : Q1383-17
Misc : 5.83g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-19-021725

Quant Time: Feb 21 23:08:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration



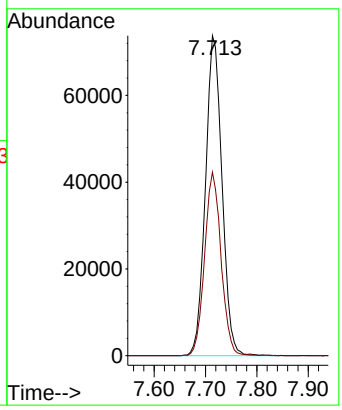


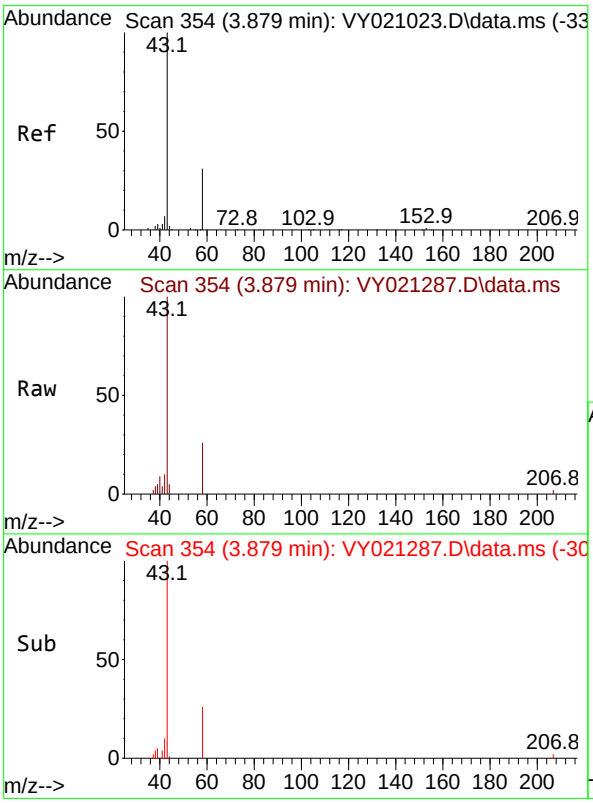
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021287.D
Acq: 21 Feb 2025 15:47

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-19-021725

Tgt Ion:168 Resp: 164839

Ion	Ratio	Lower	Upper
168	100		
99	57.3	44.2	66.4

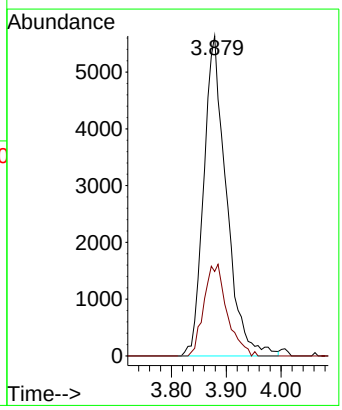


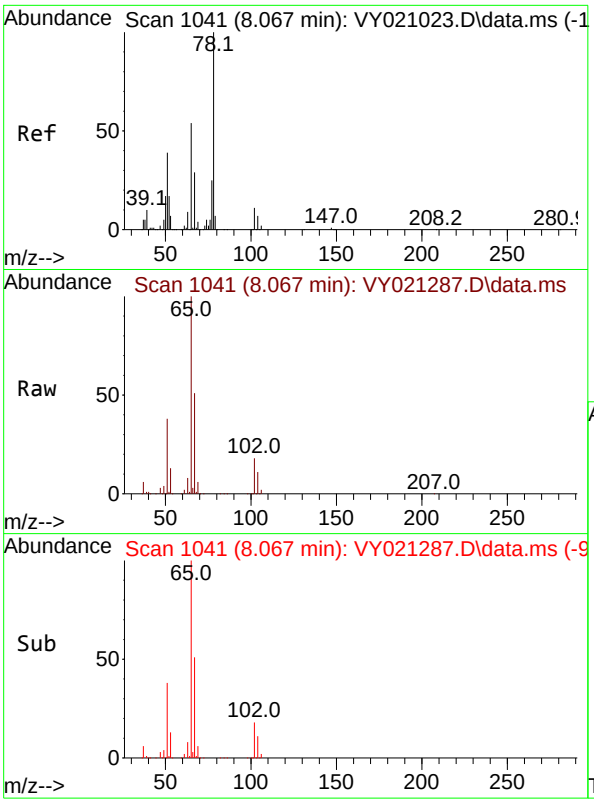


#16
Acetone
Concen: 61.242 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021287.D
Acq: 21 Feb 2025 15:47

Tgt Ion: 43 Resp: 16130

Ion	Ratio	Lower	Upper
43	100		
58	26.4	26.6	39.8#



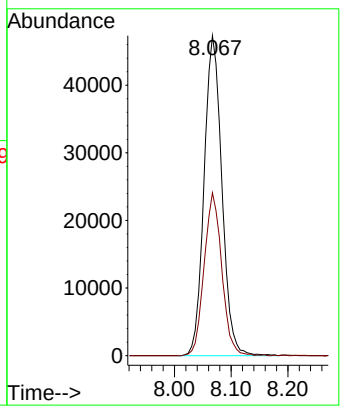


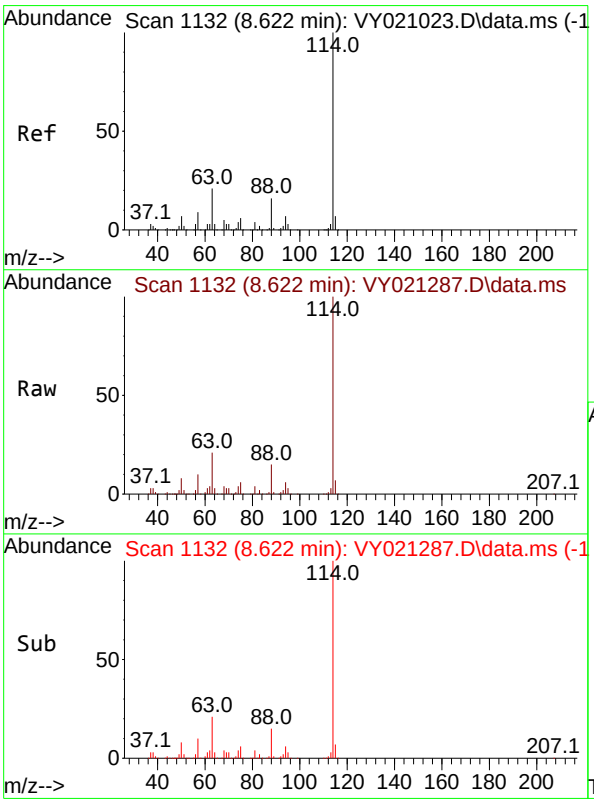
#33
1,2-Dichloroethane-d4
Concen: 61.085 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021287.D
Acq: 21 Feb 2025 15:47

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-19-021725

Tgt Ion: 65 Resp: 103167

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	109.0

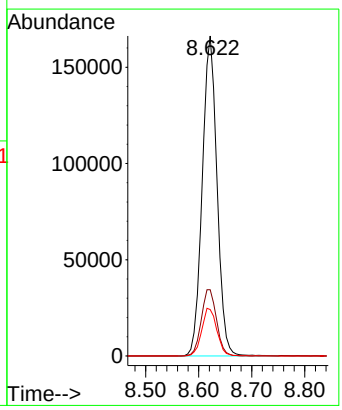


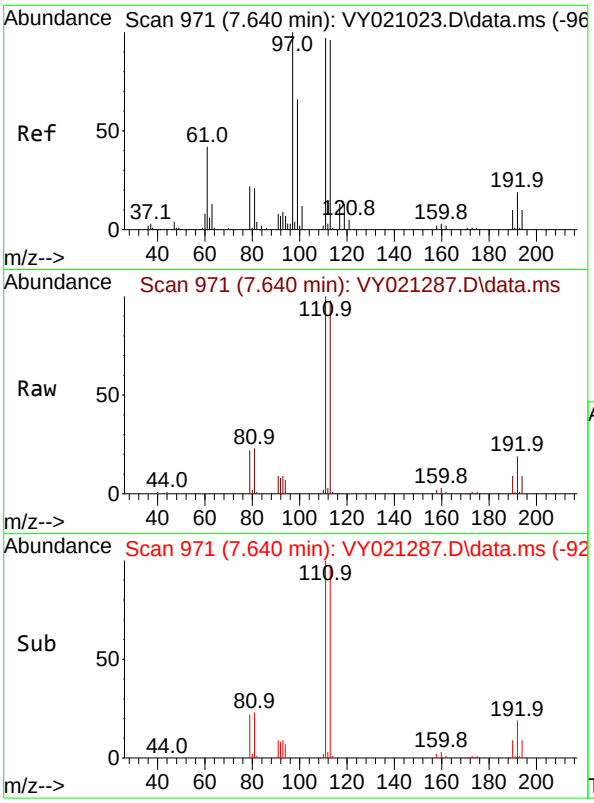


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021287.D
Acq: 21 Feb 2025 15:47

Tgt Ion:114 Resp: 321028

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	37.4
88	14.5	0.0	29.0



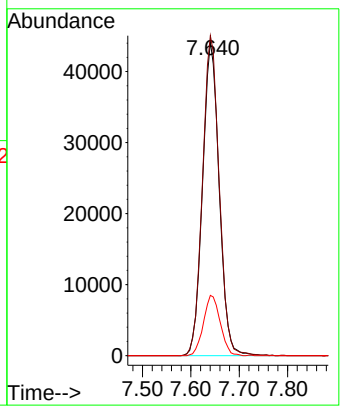


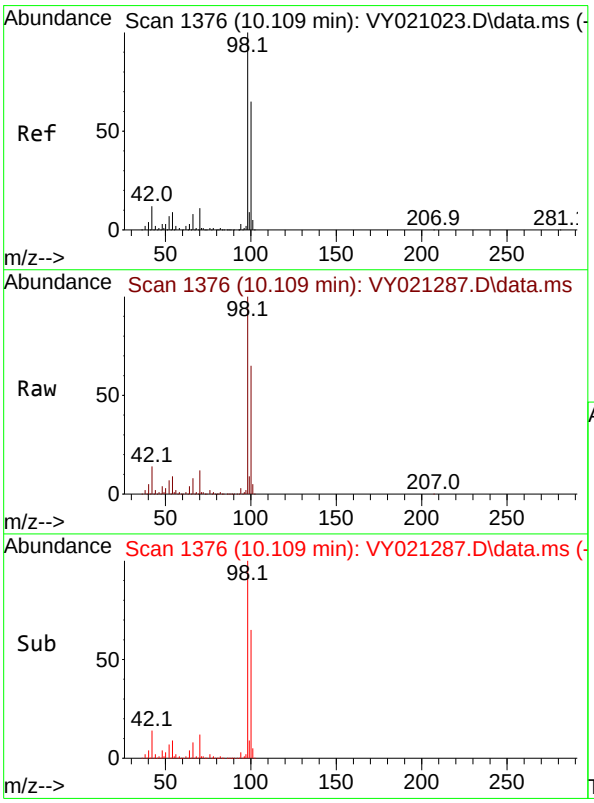
#35
Dibromofluoromethane
Concen: 51.238 ug/l
RT: 7.640 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021287.D
Acq: 21 Feb 2025 15:47

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-19-021725

Tgt Ion:113 Resp: 105416

Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.8	125.6
192	19.4	14.5	21.7

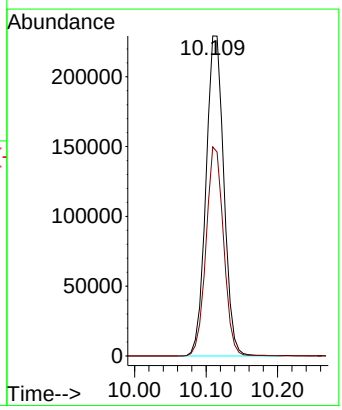


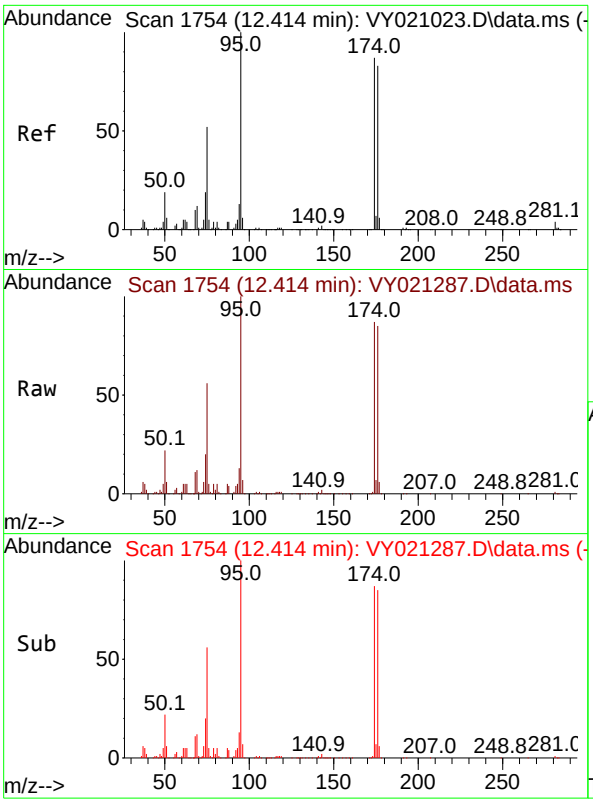


#50
Toluene-d8
Concen: 50.821 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021287.D
Acq: 21 Feb 2025 15:47

Tgt Ion: 98 Resp: 398060

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.3	78.5



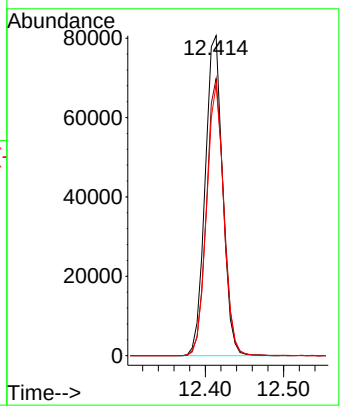


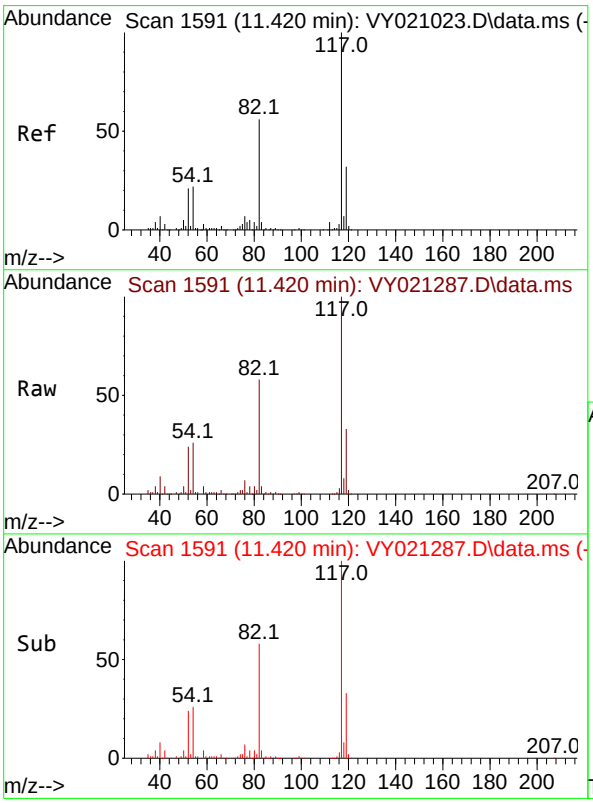
#62
4-Bromofluorobenzene
Concen: 48.696 ug/l
RT: 12.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021287.D
Acq: 21 Feb 2025 15:47

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-19-021725

Tgt Ion: 95 Resp: 124605

Ion	Ratio	Lower	Upper
95	100		
174	85.8	0.0	160.0
176	83.6	0.0	151.8

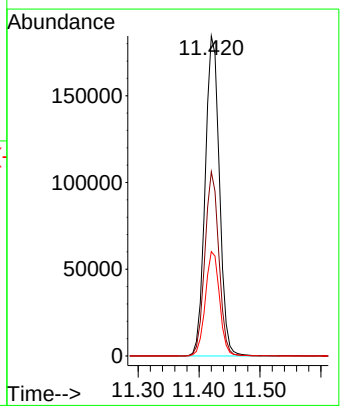


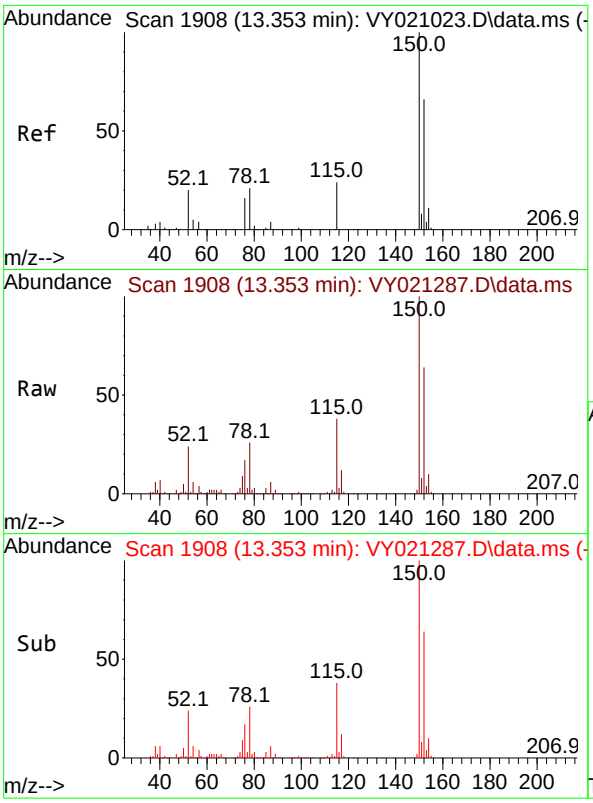


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021287.D
Acq: 21 Feb 2025 15:47

Tgt Ion:117 Resp: 299636

Ion	Ratio	Lower	Upper
117	100		
82	57.6	43.8	65.8
119	32.6	26.5	39.7



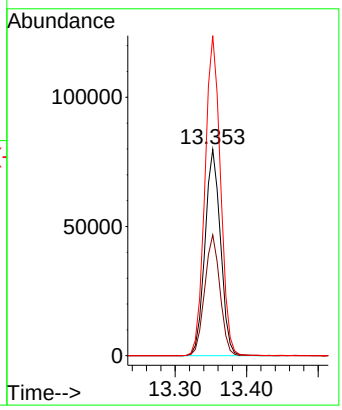


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021287.D
Acq: 21 Feb 2025 15:47

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-19-021725

Tgt Ion:152 Resp: 120303

Ion	Ratio	Lower	Upper
152	100		
115	57.7	30.0	90.0
150	155.3	0.0	344.6



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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-20-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-19	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.2
Sample Wt/Vol:	5.58 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021288.D	1		02/21/25 16:10	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0039	U	0.0016	0.0039	0.0049	mg/Kg
74-87-3	Chloromethane	0.0024	UQ	0.0011	0.0024	0.0049	mg/Kg
75-01-4	Vinyl Chloride	0.0024	UQ	0.00075	0.0024	0.0049	mg/Kg
74-83-9	Bromomethane	0.0039	U	0.0010	0.0039	0.0049	mg/Kg
75-00-3	Chloroethane	0.0024	UQ	0.00098	0.0024	0.0049	mg/Kg
109-99-9	Tetrahydrofuran	0.012	U	0.0051	0.012	0.024	mg/Kg
75-69-4	Trichlorofluoromethane	0.0039	U	0.00088	0.0039	0.0049	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0024	U	0.0010	0.0024	0.0049	mg/Kg
75-35-4	1,1-Dichloroethene	0.0024	U	0.00076	0.0024	0.0049	mg/Kg
107-13-1	Acrylonitrile	0.012	U	0.0049	0.012	0.024	mg/Kg
67-64-1	Acetone	0.074		0.0061	0.019	0.024	mg/Kg
75-15-0	Carbon Disulfide	0.0039	U	0.0012	0.0039	0.0049	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0024	U	0.00065	0.0024	0.0049	mg/Kg
75-09-2	Methylene Chloride	0.0078	U	0.0033	0.0078	0.0097	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0024	U	0.00082	0.0024	0.0049	mg/Kg
75-34-3	1,1-Dichloroethane	0.0024	U	0.00061	0.0024	0.0049	mg/Kg
78-93-3	2-Butanone	0.019	U	0.0055	0.019	0.024	mg/Kg
56-23-5	Carbon Tetrachloride	0.0024	U	0.00085	0.0024	0.0049	mg/Kg
594-20-7	2,2-Dichloropropane	0.0039	U	0.0015	0.0039	0.0049	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0024	U	0.00059	0.0024	0.0049	mg/Kg
67-66-3	Chloroform	0.0039	U	0.00065	0.0039	0.0049	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0024	U	0.00076	0.0024	0.0049	mg/Kg
563-58-6	1,1-Dichloropropene	0.0024	U	0.00071	0.0024	0.0049	mg/Kg
71-43-2	Benzene	0.0024	U	0.00070	0.0024	0.0049	mg/Kg
107-06-2	1,2-Dichloroethane	0.0024	U	0.00059	0.0024	0.0049	mg/Kg
79-01-6	Trichloroethene	0.0024	U	0.00073	0.0024	0.0049	mg/Kg
78-87-5	1,2-Dichloropropane	0.0024	U	0.00064	0.0024	0.0049	mg/Kg
74-95-3	Dibromomethane	0.0024	U	0.00060	0.0024	0.0049	mg/Kg
75-27-4	Bromodichloromethane	0.0024	U	0.00054	0.0024	0.0049	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.012	U	0.0042	0.012	0.024	mg/Kg

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-20-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-19	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.2
Sample Wt/Vol:	5.58 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021288.D	1		02/21/25 16:10	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0024	U	0.00065	0.0024	0.0049	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0024	U	0.00058	0.0024	0.0049	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0024	U	0.00055	0.0024	0.0049	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0024	U	0.00082	0.0024	0.0049	mg/Kg
142-28-9	1,3-Dichloropropane	0.0024	U	0.00057	0.0024	0.0049	mg/Kg
591-78-6	2-Hexanone	0.012	U	0.0047	0.012	0.024	mg/Kg
124-48-1	Dibromochloromethane	0.0024	U	0.00063	0.0024	0.0049	mg/Kg
106-93-4	1,2-Dibromoethane	0.0024	U	0.00077	0.0024	0.0049	mg/Kg
127-18-4	Tetrachloroethene	0.0024	U	0.00086	0.0024	0.0049	mg/Kg
108-90-7	Chlorobenzene	0.0024	U	0.00072	0.0024	0.0049	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0024	U	0.00062	0.0024	0.0049	mg/Kg
100-41-4	Ethyl Benzene	0.0024	U	0.00060	0.0024	0.0049	mg/Kg
179601-23-1	m/p-Xylenes	0.0049	U	0.0013	0.0049	0.0097	mg/Kg
1330-20-7	Total Xylenes	0.0073	U	0.0020	0.0073	0.015	mg/Kg
95-47-6	o-Xylene	0.0024	U	0.00068	0.0024	0.0049	mg/Kg
100-42-5	Styrene	0.0024	U	0.00058	0.0024	0.0049	mg/Kg
75-25-2	Bromoform	0.0024	U	0.00079	0.0024	0.0049	mg/Kg
98-82-8	Isopropylbenzene	0.0024	U	0.00065	0.0024	0.0049	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0024	U	0.0011	0.0024	0.0049	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0039	U	0.0011	0.0039	0.0049	mg/Kg
108-86-1	Bromobenzene	0.0024	U	0.00063	0.0024	0.0049	mg/Kg
103-65-1	n-propylbenzene	0.0024	U	0.00062	0.0024	0.0049	mg/Kg
95-49-8	2-Chlorotoluene	0.0024	U	0.00060	0.0024	0.0049	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0024	U	0.00062	0.0024	0.0049	mg/Kg
106-43-4	4-Chlorotoluene	0.0024	U	0.00057	0.0024	0.0049	mg/Kg
98-06-6	tert-Butylbenzene	0.0024	U	0.00065	0.0024	0.0049	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0024	U	0.0013	0.0024	0.0049	mg/Kg
135-98-8	sec-Butylbenzene	0.0024	U	0.00065	0.0024	0.0049	mg/Kg
99-87-6	p-Isopropyltoluene	0.0024	U	0.00056	0.0024	0.0049	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0024	U	0.00072	0.0024	0.0049	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0024	U	0.00078	0.0024	0.0049	mg/Kg

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-20-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-19	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.2
Sample Wt/Vol:	5.58 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021288.D	1		02/21/25 16:10	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0024	U	0.00061	0.0024	0.0049	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0024	U	0.00057	0.0024	0.0049	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0039	U	0.0015	0.0039	0.0049	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0024	U	0.00077	0.0024	0.0049	mg/Kg
87-68-3	Hexachlorobutadiene	0.0024	U	0.00079	0.0024	0.0049	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0024	U	0.00076	0.0024	0.0049	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0024	U	0.00078	0.0024	0.0049	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	68.1		71 - 136		136%	SPK: 50
1868-53-7	Dibromofluoromethane	52.2		78 - 119		104%	SPK: 50
2037-26-5	Toluene-d8	50.9		85 - 116		102%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.7		79 - 119		103%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	165000	7.72				
540-36-3	1,4-Difluorobenzene	324000	8.622				
3114-55-4	Chlorobenzene-d5	314000	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	131000	13.353				

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_Y\Data\VY022125\
Data File : VY021288.D
Acq On : 21 Feb 2025 16:10
Operator : SY/MD
Sample : Q1383-19
Misc : 5.58g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-20-021725

Quant Time: Feb 21 23:09:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

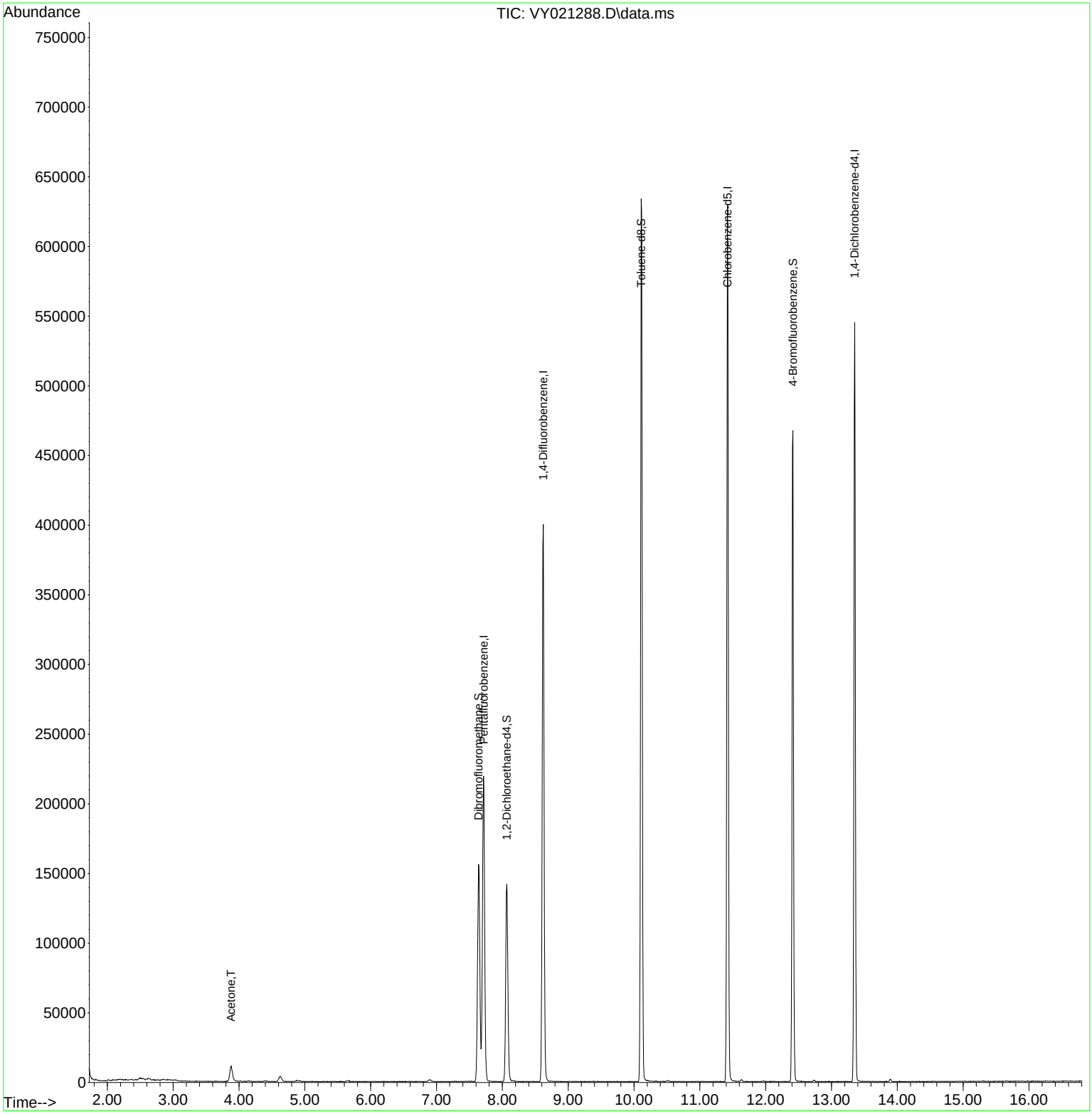
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.720	168	164933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	323735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	313938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	130553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	115126	68.127	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 136.260%			
35) Dibromofluoromethane	7.640	113	108212	52.158	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.320%			
50) Toluene-d8	10.109	98	402427	50.949	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.900%			
62) 4-Bromofluorobenzene	12.414	95	133361	51.682	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.360%			
Target Compounds						Qvalue
16) Acetone	3.879	43	20132	76.393	ug/l	96

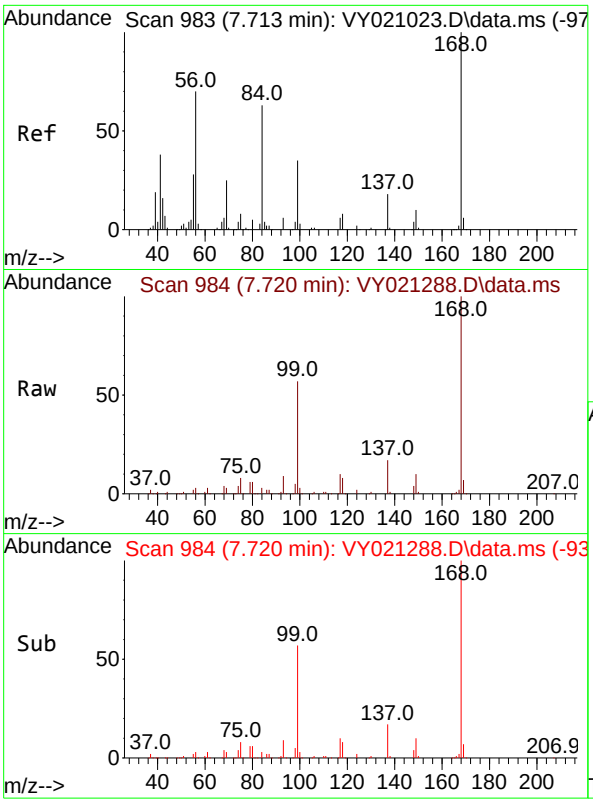
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021288.D
Acq On : 21 Feb 2025 16:10
Operator : SY/MD
Sample : Q1383-19
Misc : 5.58g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-20-021725

Quant Time: Feb 21 23:09:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration



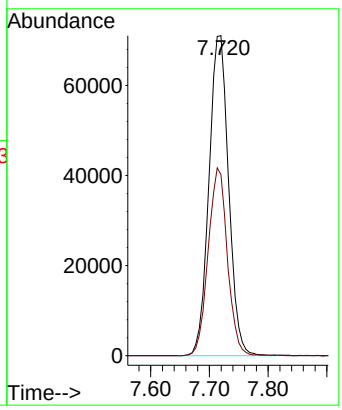


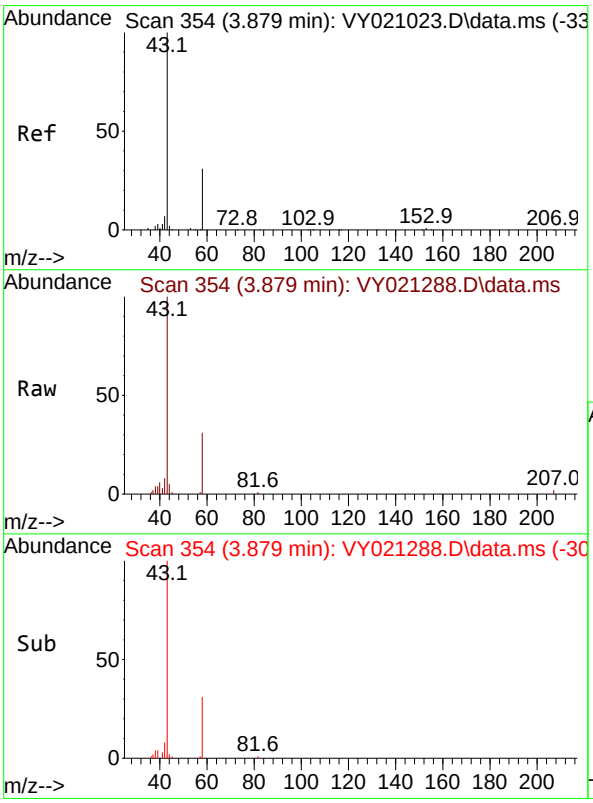
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 9
Delta R.T. 0.007 min
Lab File: VY021288.D
Acq: 21 Feb 2025 16:10

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-20-021725

Tgt Ion:168 Resp: 164933

Ion	Ratio	Lower	Upper
168	100		
99	56.6	44.2	66.4

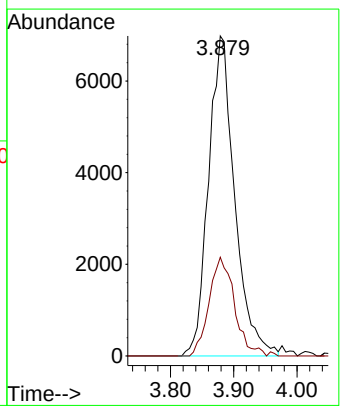


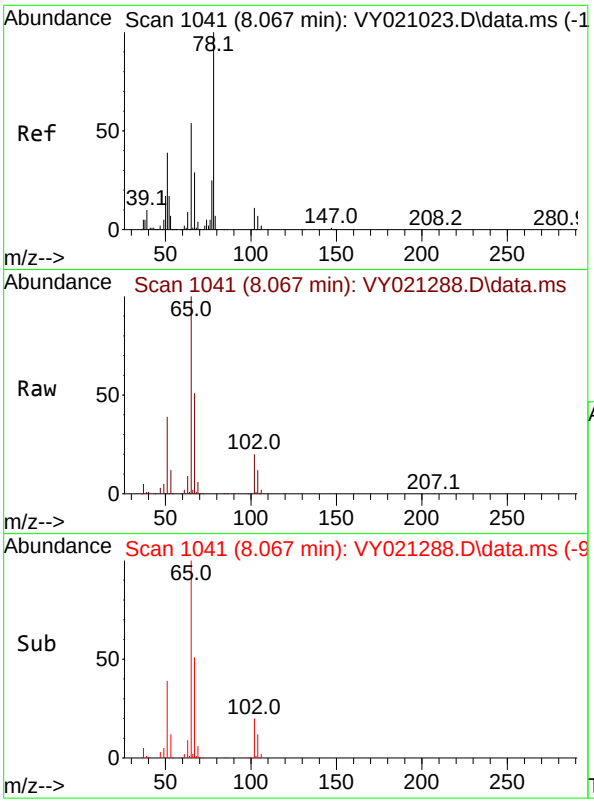


#16
Acetone
Concen: 76.393 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021288.D
Acq: 21 Feb 2025 16:10

Tgt Ion: 43 Resp: 20132

Ion	Ratio	Lower	Upper
43	100		
58	30.8	26.6	39.8



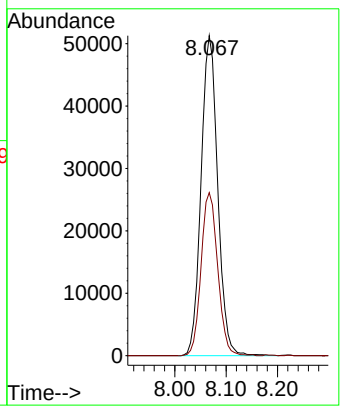


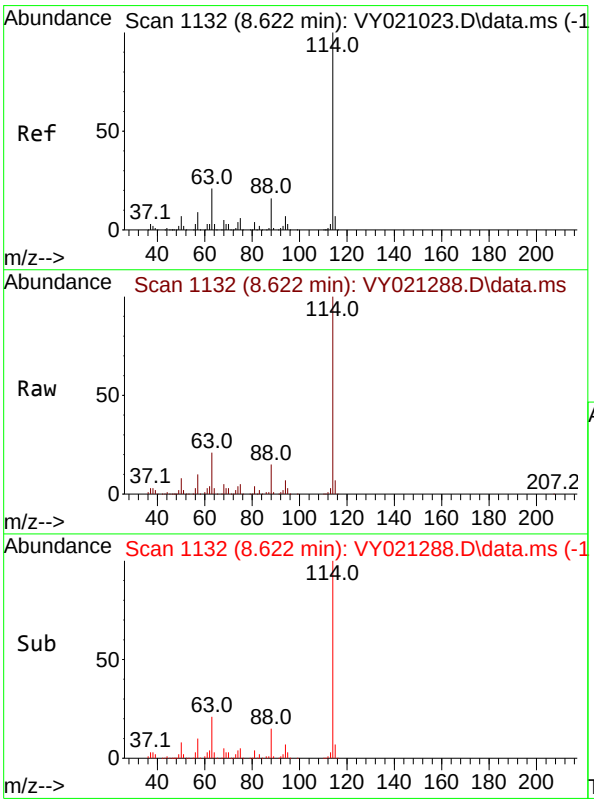
#33
1,2-Dichloroethane-d4
Concen: 68.127 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021288.D
Acq: 21 Feb 2025 16:10

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-20-021725

Tgt Ion: 65 Resp: 115126

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	109.0

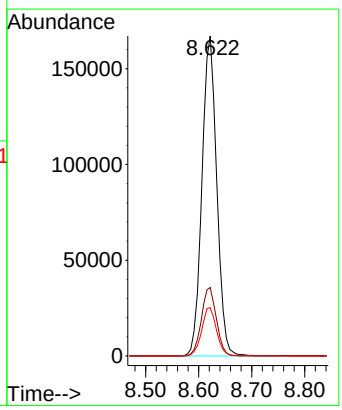


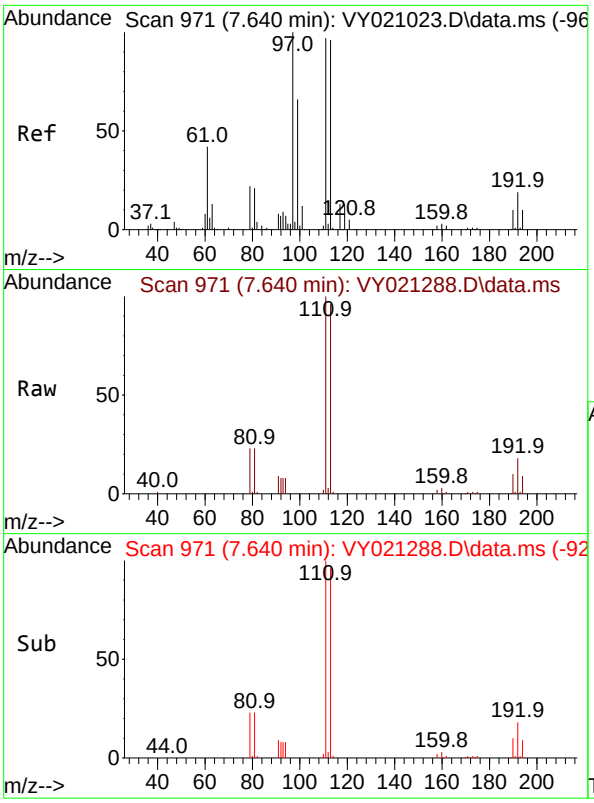


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021288.D
Acq: 21 Feb 2025 16:10

Tgt Ion:114 Resp: 323735

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	37.4
88	15.1	0.0	29.0



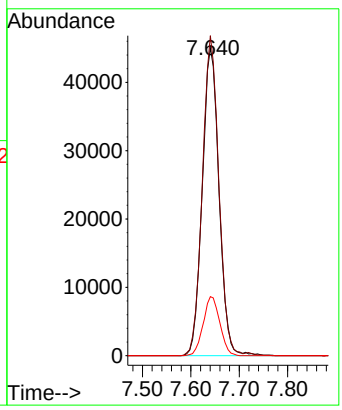


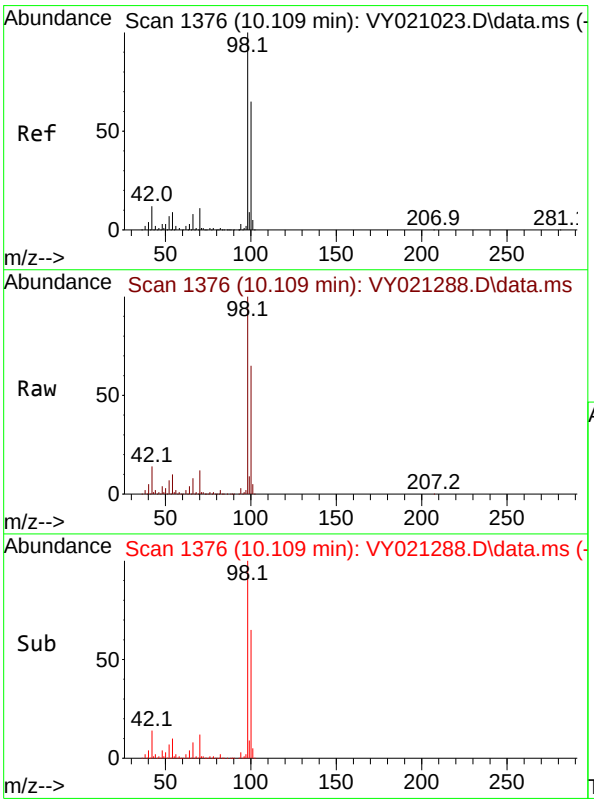
#35
Dibromofluoromethane
Concen: 52.158 ug/l
RT: 7.640 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021288.D
Acq: 21 Feb 2025 16:10

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-20-021725

Tgt Ion:113 Resp: 108212

Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.8	125.6
192	19.1	14.5	21.7

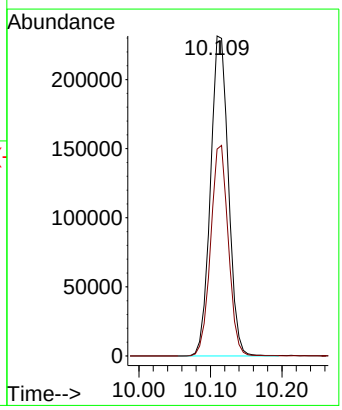


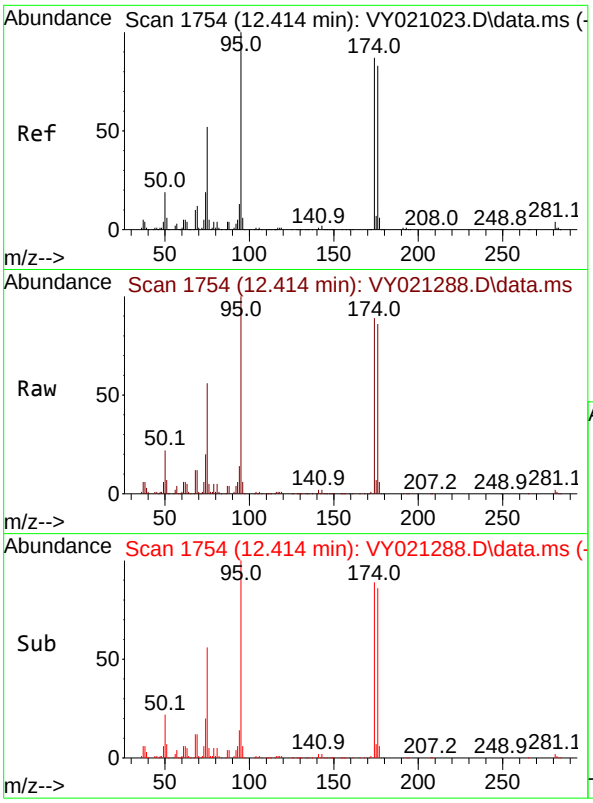


#50
Toluene-d8
Concen: 50.949 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021288.D
Acq: 21 Feb 2025 16:10

Tgt Ion: 98 Resp: 402427

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.3	78.5



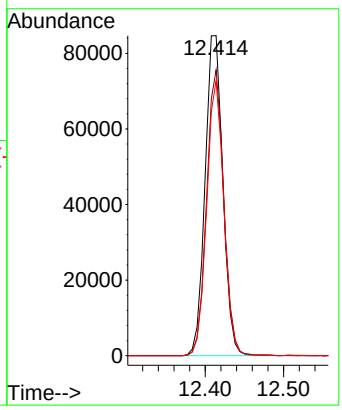


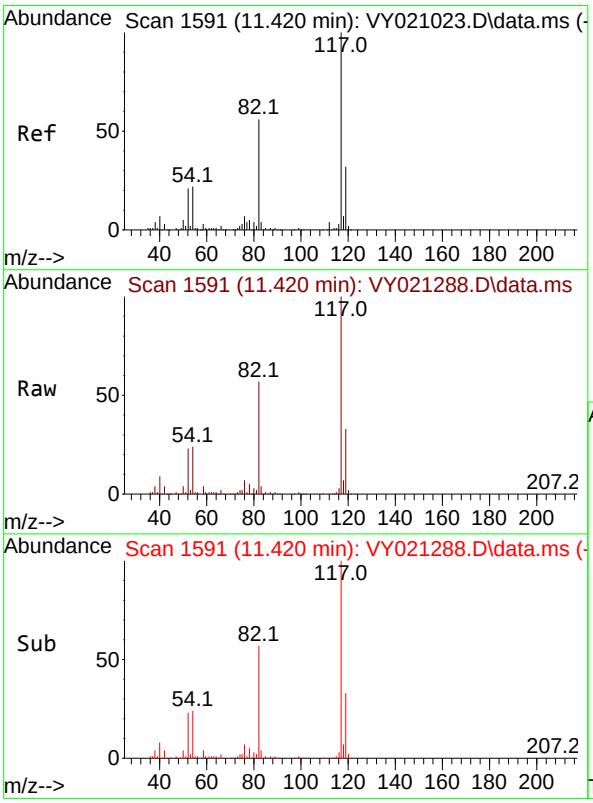
#62
4-Bromofluorobenzene
Concen: 51.682 ug/l
RT: 12.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021288.D
Acq: 21 Feb 2025 16:10

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-20-021725

Tgt Ion: 95 Resp: 133361

Ion	Ratio	Lower	Upper
95	100		
174	86.8	0.0	160.0
176	82.7	0.0	151.8

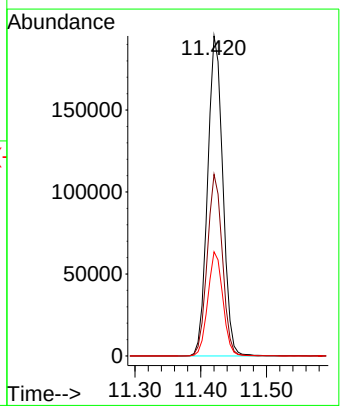


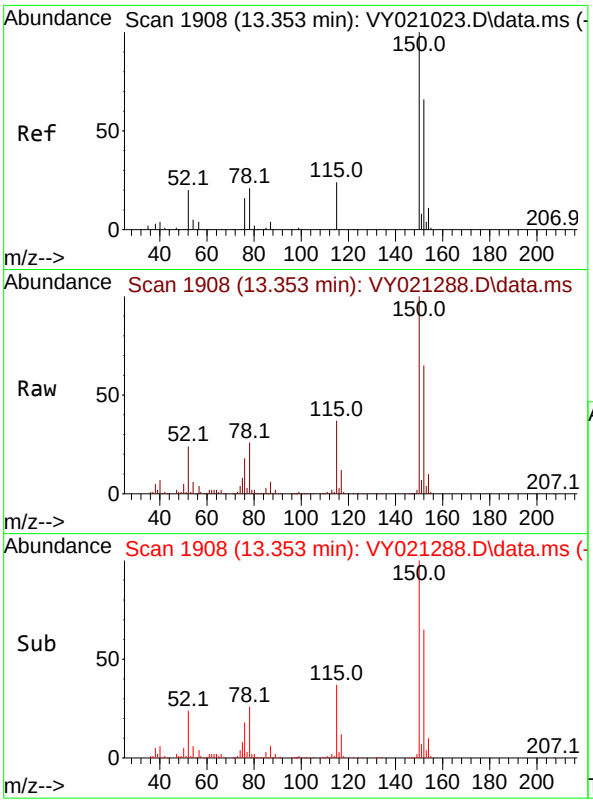


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021288.D
Acq: 21 Feb 2025 16:10

Tgt Ion:117 Resp: 313938

Ion	Ratio	Lower	Upper
117	100		
82	56.8	43.8	65.8
119	32.5	26.5	39.7



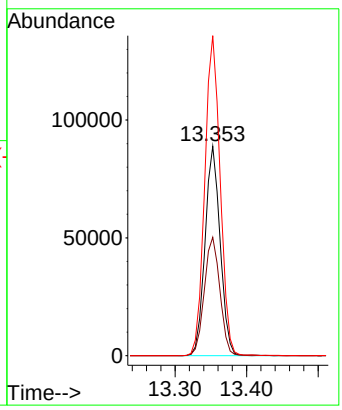


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021288.D
Acq: 21 Feb 2025 16:10

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-20-021725

Tgt Ion:152 Resp: 130553

Ion	Ratio	Lower	Upper
152	100		
115	58.1	30.0	90.0
150	155.7	0.0	344.6



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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-CF-15-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-21	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.5
Sample Wt/Vol:	5.77 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021289.D	1		02/21/25 16:34	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0037	U	0.0015	0.0037	0.0047	mg/Kg
74-87-3	Chloromethane	0.0023	UQ	0.0011	0.0023	0.0047	mg/Kg
75-01-4	Vinyl Chloride	0.0023	UQ	0.00072	0.0023	0.0047	mg/Kg
74-83-9	Bromomethane	0.0037	U	0.00096	0.0037	0.0047	mg/Kg
75-00-3	Chloroethane	0.0023	UQ	0.00095	0.0023	0.0047	mg/Kg
109-99-9	Tetrahydrofuran	0.012	U	0.0049	0.012	0.023	mg/Kg
75-69-4	Trichlorofluoromethane	0.0037	U	0.00085	0.0037	0.0047	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0023	U	0.0010	0.0023	0.0047	mg/Kg
75-35-4	1,1-Dichloroethene	0.0023	U	0.00073	0.0023	0.0047	mg/Kg
107-13-1	Acrylonitrile	0.012	U	0.0047	0.012	0.023	mg/Kg
67-64-1	Acetone	0.019	U	0.0058	0.019	0.023	mg/Kg
75-15-0	Carbon Disulfide	0.0037	U	0.0012	0.0037	0.0047	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0023	U	0.00063	0.0023	0.0047	mg/Kg
75-09-2	Methylene Chloride	0.0075	U	0.0032	0.0075	0.0094	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0023	U	0.00079	0.0023	0.0047	mg/Kg
75-34-3	1,1-Dichloroethane	0.0023	U	0.00059	0.0023	0.0047	mg/Kg
78-93-3	2-Butanone	0.019	U	0.0053	0.019	0.023	mg/Kg
56-23-5	Carbon Tetrachloride	0.0023	U	0.00082	0.0023	0.0047	mg/Kg
594-20-7	2,2-Dichloropropane	0.0037	U	0.0015	0.0037	0.0047	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0023	U	0.00057	0.0023	0.0047	mg/Kg
67-66-3	Chloroform	0.0037	U	0.00063	0.0037	0.0047	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0023	U	0.00073	0.0023	0.0047	mg/Kg
563-58-6	1,1-Dichloropropene	0.0023	U	0.00068	0.0023	0.0047	mg/Kg
71-43-2	Benzene	0.0023	U	0.00067	0.0023	0.0047	mg/Kg
107-06-2	1,2-Dichloroethane	0.0023	U	0.00057	0.0023	0.0047	mg/Kg
79-01-6	Trichloroethene	0.0023	U	0.00070	0.0023	0.0047	mg/Kg
78-87-5	1,2-Dichloropropane	0.0023	U	0.00062	0.0023	0.0047	mg/Kg
74-95-3	Dibromomethane	0.0023	U	0.00058	0.0023	0.0047	mg/Kg
75-27-4	Bromodichloromethane	0.0023	U	0.00052	0.0023	0.0047	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.012	U	0.0041	0.012	0.023	mg/Kg

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-CF-15-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-21	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.5
Sample Wt/Vol:	5.77 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021289.D	1		02/21/25 16:34	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0023	U	0.00063	0.0023	0.0047	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0023	U	0.00056	0.0023	0.0047	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0023	U	0.00053	0.0023	0.0047	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0023	U	0.00079	0.0023	0.0047	mg/Kg
142-28-9	1,3-Dichloropropane	0.0023	U	0.00055	0.0023	0.0047	mg/Kg
591-78-6	2-Hexanone	0.012	U	0.0045	0.012	0.023	mg/Kg
124-48-1	Dibromochloromethane	0.0023	U	0.00061	0.0023	0.0047	mg/Kg
106-93-4	1,2-Dibromoethane	0.0023	U	0.00074	0.0023	0.0047	mg/Kg
127-18-4	Tetrachloroethene	0.0023	U	0.00083	0.0023	0.0047	mg/Kg
108-90-7	Chlorobenzene	0.0023	U	0.00069	0.0023	0.0047	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0023	U	0.00060	0.0023	0.0047	mg/Kg
100-41-4	Ethyl Benzene	0.0023	U	0.00058	0.0023	0.0047	mg/Kg
179601-23-1	m/p-Xylenes	0.0047	U	0.0013	0.0047	0.0094	mg/Kg
1330-20-7	Total Xylenes	0.0070	U	0.0020	0.0070	0.014	mg/Kg
95-47-6	o-Xylene	0.0023	U	0.00066	0.0023	0.0047	mg/Kg
100-42-5	Styrene	0.0023	U	0.00056	0.0023	0.0047	mg/Kg
75-25-2	Bromoform	0.0023	U	0.00076	0.0023	0.0047	mg/Kg
98-82-8	Isopropylbenzene	0.0023	U	0.00063	0.0023	0.0047	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0023	U	0.0010	0.0023	0.0047	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0037	U	0.0011	0.0037	0.0047	mg/Kg
108-86-1	Bromobenzene	0.0023	U	0.00061	0.0023	0.0047	mg/Kg
103-65-1	n-propylbenzene	0.0023	U	0.00060	0.0023	0.0047	mg/Kg
95-49-8	2-Chlorotoluene	0.0023	U	0.00058	0.0023	0.0047	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0023	U	0.00060	0.0023	0.0047	mg/Kg
106-43-4	4-Chlorotoluene	0.0023	U	0.00055	0.0023	0.0047	mg/Kg
98-06-6	tert-Butylbenzene	0.0023	U	0.00063	0.0023	0.0047	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0023	U	0.0013	0.0023	0.0047	mg/Kg
135-98-8	sec-Butylbenzene	0.0023	U	0.00063	0.0023	0.0047	mg/Kg
99-87-6	p-Isopropyltoluene	0.0023	U	0.00054	0.0023	0.0047	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0023	U	0.00069	0.0023	0.0047	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0023	U	0.00075	0.0023	0.0047	mg/Kg

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Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-CF-15-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-21	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.5
Sample Wt/Vol:	5.77 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021289.D	1		02/21/25 16:34	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0023	U	0.00059	0.0023	0.0047	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0023	U	0.00055	0.0023	0.0047	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0037	U	0.0015	0.0037	0.0047	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0023	U	0.00074	0.0023	0.0047	mg/Kg
87-68-3	Hexachlorobutadiene	0.0023	U	0.00076	0.0023	0.0047	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0023	U	0.00073	0.0023	0.0047	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0023	U	0.00075	0.0023	0.0047	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	64.8		71 - 136		130%	SPK: 50
1868-53-7	Dibromofluoromethane	52.3		78 - 119		105%	SPK: 50
2037-26-5	Toluene-d8	51.5		85 - 116		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.4		79 - 119		103%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	164000	7.713				
540-36-3	1,4-Difluorobenzene	317000	8.622				
3114-55-4	Chlorobenzene-d5	307000	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	125000	13.353				

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_Y\Data\VY022125\
Data File : VY021289.D
Acq On : 21 Feb 2025 16:34
Operator : SY/MD
Sample : Q1383-21
Misc : 5.77g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-15-021725

Quant Time: Feb 21 23:09:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

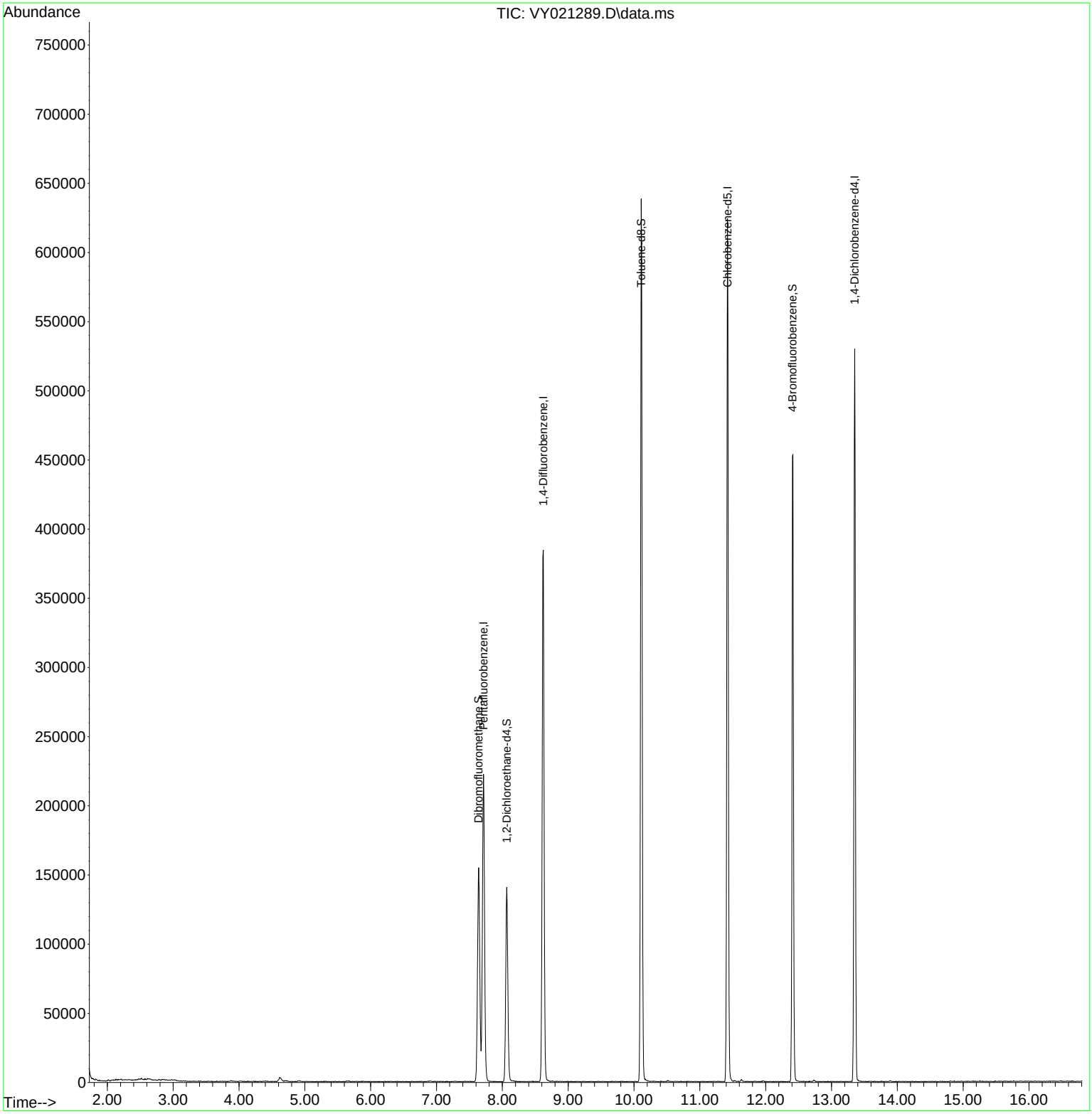
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	164292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	317351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	306581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	125058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	109018	64.764	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 129.520%			
35) Dibromofluoromethane	7.640	113	106356	52.294	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.580%			
50) Toluene-d8	10.109	98	398732	51.497	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.000%			
62) 4-Bromofluorobenzene	12.408	95	129990	51.389	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.780%			
Target Compounds						Qvalue

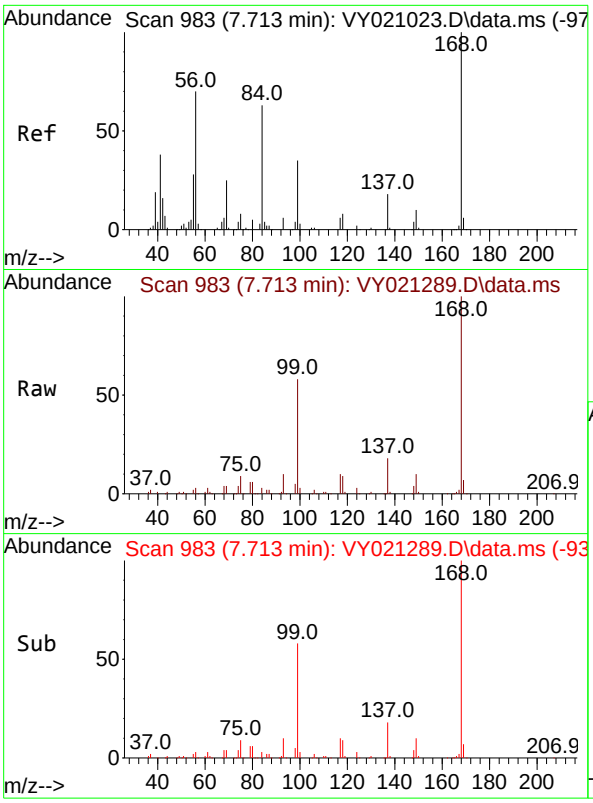
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021289.D
Acq On : 21 Feb 2025 16:34
Operator : SY/MD
Sample : Q1383-21
Misc : 5.77g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-15-021725

Quant Time: Feb 21 23:09:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration



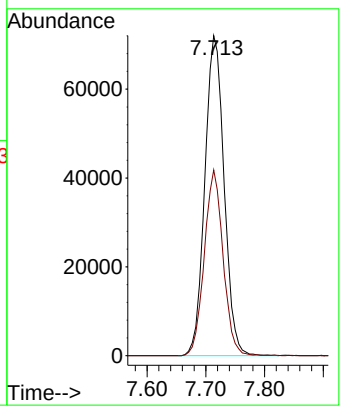


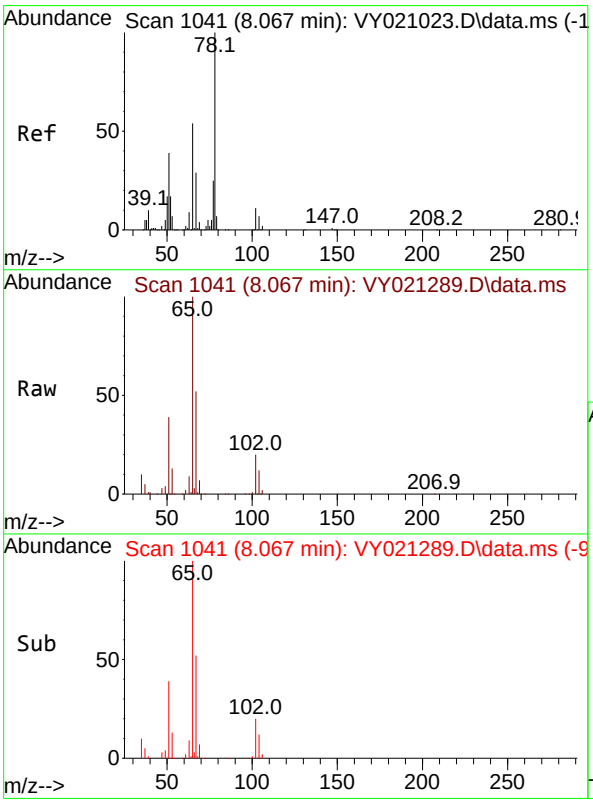
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021289.D
Acq: 21 Feb 2025 16:34

Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-15-021725

Tgt Ion:168 Resp: 164292

Ion	Ratio	Lower	Upper
168	100		
99	58.1	44.2	66.4

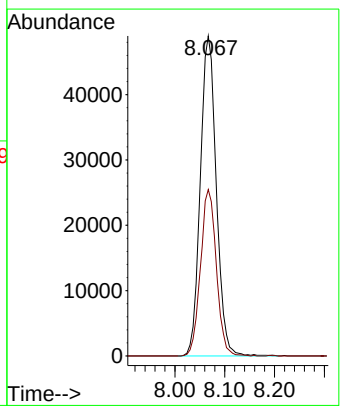


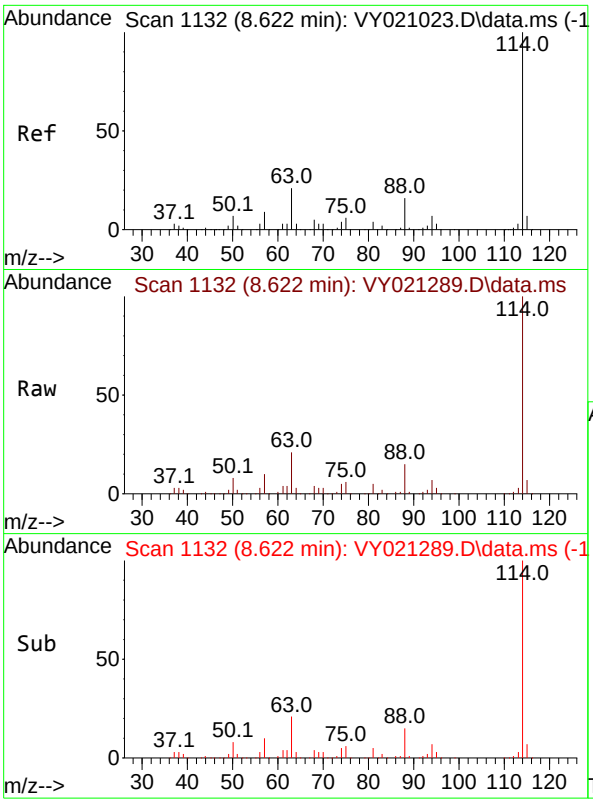


#33
1,2-Dichloroethane-d4
Concen: 64.764 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021289.D
Acq: 21 Feb 2025 16:34

Tgt Ion: 65 Resp: 109018

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	109.0



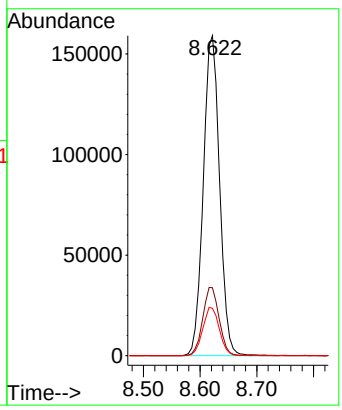


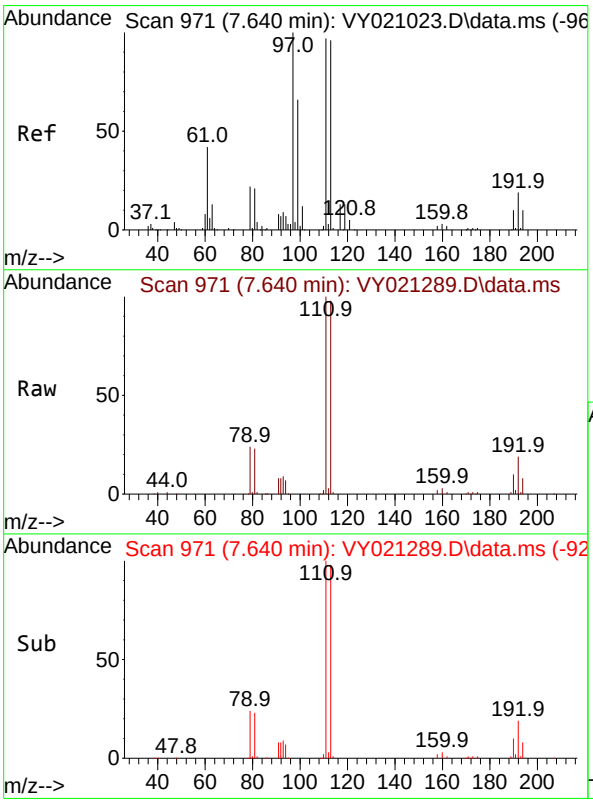
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021289.D
Acq: 21 Feb 2025 16:34

Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-15-021725

Tgt Ion:114 Resp: 317351

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	37.4
88	14.8	0.0	29.0

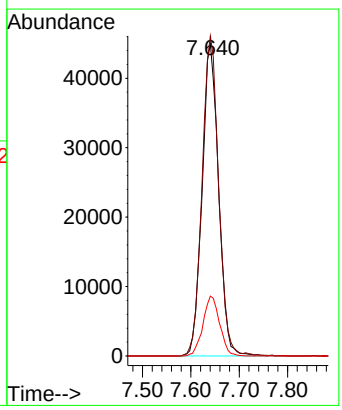


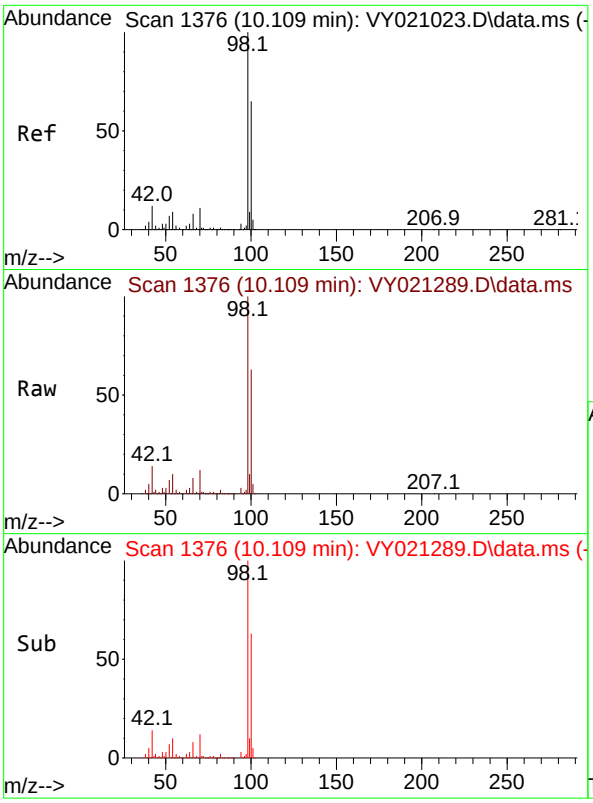


#35
Dibromofluoromethane
Concen: 52.294 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY021289.D
Acq: 21 Feb 2025 16:34

Tgt Ion:113 Resp: 106356

Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.8	125.6
192	19.4	14.5	21.7



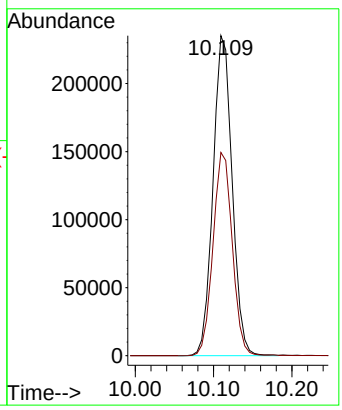


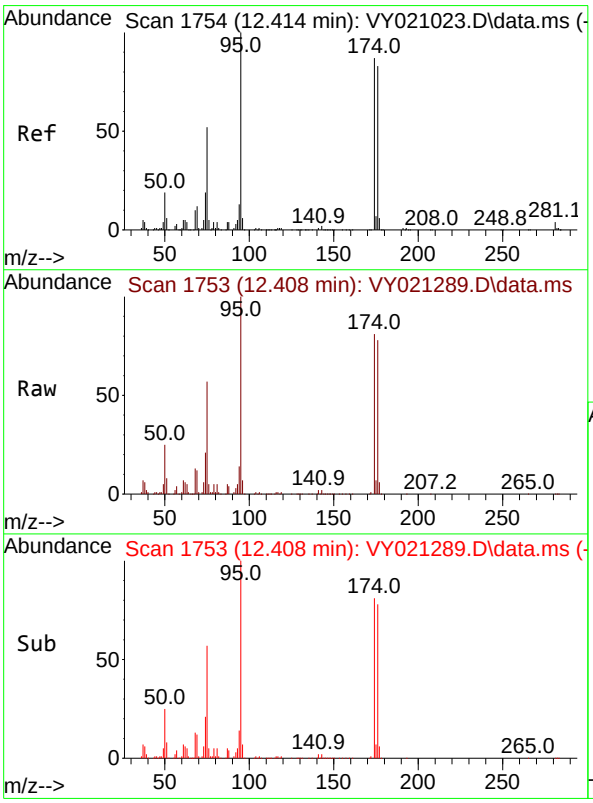
#50
Toluene-d8
Concen: 51.497 ug/l
RT: 10.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021289.D
Acq: 21 Feb 2025 16:34

Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-15-021725

Tgt Ion: 98 Resp: 398732

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.3	78.5

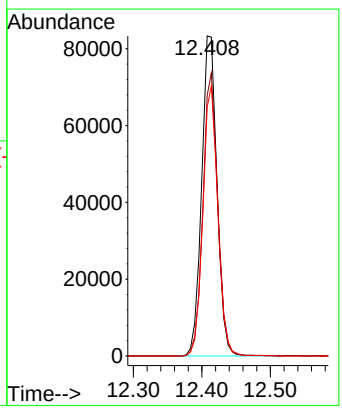


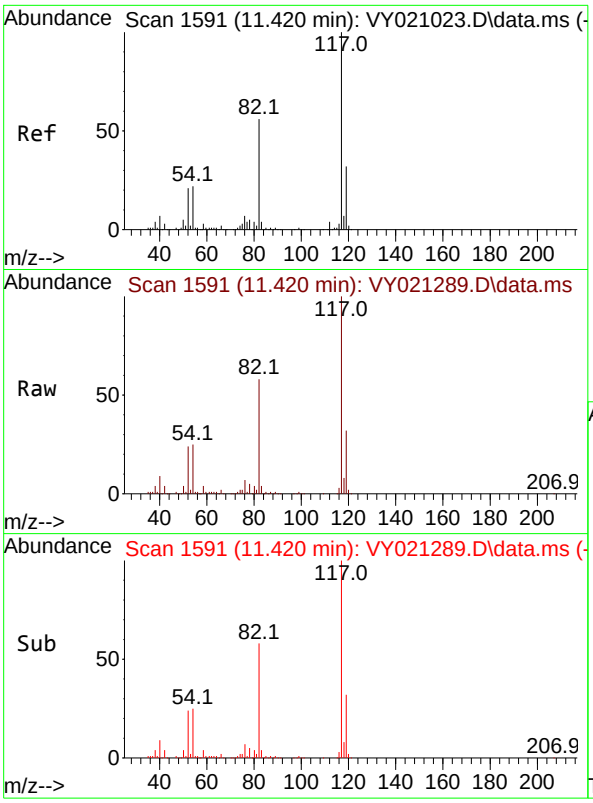


#62
4-Bromofluorobenzene
Concen: 51.389 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021289.D
Acq: 21 Feb 2025 16:34

Tgt Ion: 95 Resp: 129990

Ion	Ratio	Lower	Upper
95	100		
174	85.4	0.0	160.0
176	81.8	0.0	151.8



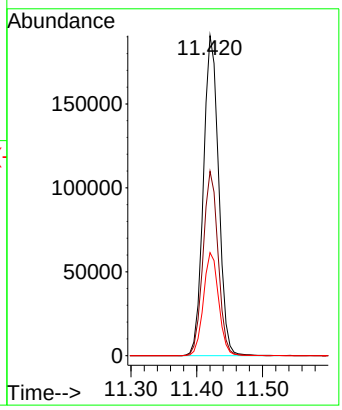


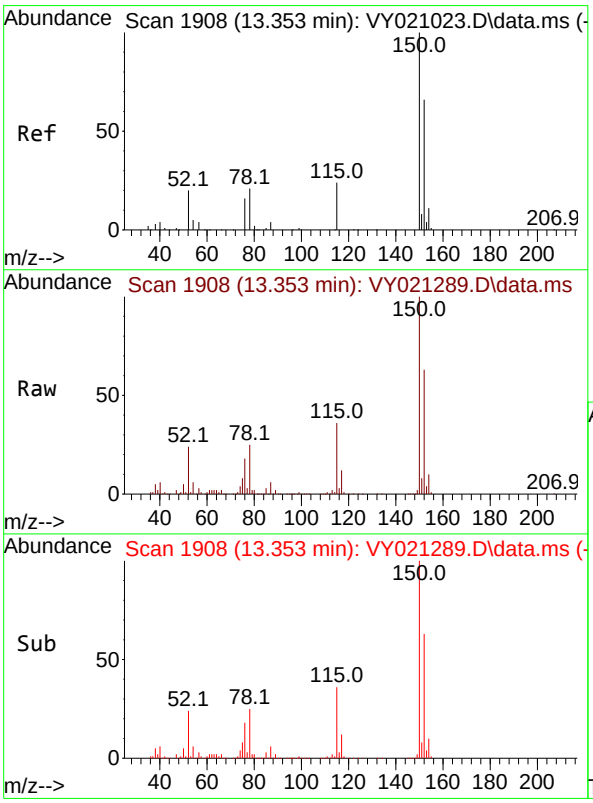
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021289.D
Acq: 21 Feb 2025 16:34

Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-15-021725

Tgt Ion:117 Resp: 306581

Ion	Ratio	Lower	Upper
117	100		
82	57.6	43.8	65.8
119	32.2	26.5	39.7

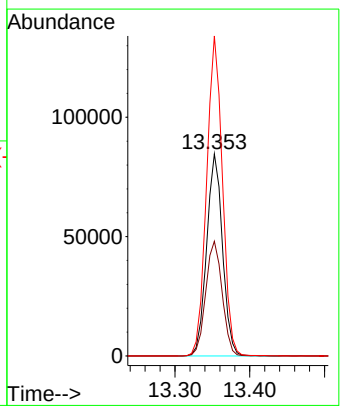




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021289.D
Acq: 21 Feb 2025 16:34

Tgt Ion:152 Resp: 125058

Ion	Ratio	Lower	Upper
152	100		
115	58.8	30.0	90.0
150	157.8	0.0	344.6



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: NOBI03

Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG No.: Q1383

Instrument ID: MSVOA_Y Calibration Date(s): 02/03/2025 02/03/2025

Heated Purge: (Y/N) Y Calibration Time(s): 10:35 12:44

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY021020.D RRF010 = VY021021.D RRF020 = VY021022.D
RRF050 = VY021023.D RRF100 = VY021024.D RRF150 = VY021025.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.503	0.438	0.413	0.445	0.419	0.457	0.446	7.2
Chloromethane	0.524	0.445	0.408	0.421	0.404	0.437	0.440	10.1
Vinyl Chloride	0.535	0.441	0.404	0.424	0.408	0.443	0.443	10.9
Bromomethane	0.356	0.275	0.249	0.258	0.246	0.257	0.274	15.2
Chloroethane	0.316	0.270	0.240	0.255	0.239	0.261	0.263	10.7
Tetrahydrofuran	0.088	0.092	0.088	0.092	0.081	0.093	0.089	5.1
Trichlorofluoromethane	0.924	0.814	0.755	0.789	0.743	0.813	0.806	8
1,1,2-Trichlorotrifluoroethane	0.587	0.507	0.472	0.494	0.466	0.510	0.506	8.6
1,1-Dichloroethene	0.529	0.471	0.441	0.469	0.452	0.498	0.477	6.8
Acrylonitrile	0.109	0.105	0.105	0.106	0.095	0.109	0.105	5.1
Acetone	0.087	0.083	0.078	0.077	0.070	0.083	0.080	7.5
Carbon Disulfide	1.673	1.456	1.389	1.475	1.421	1.556	1.495	7
Methyl tert-butyl Ether	1.271	1.185	1.168	1.216	1.124	1.265	1.205	4.8
Methylene Chloride	0.570	0.506	0.473	0.485	0.452	0.494	0.497	8.2
trans-1,2-Dichloroethene	0.578	0.518	0.502	0.522	0.490	0.538	0.525	5.8
1,1-Dichloroethane	1.104	0.948	0.923	0.947	0.911	0.989	0.970	7.3
2-Butanone	0.134	0.133	0.126	0.135	0.121	0.139	0.131	5.2
Carbon Tetrachloride	0.604	0.551	0.522	0.547	0.522	0.581	0.555	5.9
2,2-Dichloropropane	1.031	0.899	0.842	0.870	0.818	0.926	0.898	8.4
cis-1,2-Dichloroethene	0.662	0.584	0.577	0.599	0.575	0.626	0.604	5.7
Chloroform	1.107	1.016	0.947	0.982	0.921	1.006	0.997	6.5
1,1,1-Trichloroethane	1.067	0.901	0.867	0.912	0.863	0.949	0.927	8.2
1,1-Dichloropropene	0.534	0.464	0.447	0.463	0.448	0.491	0.475	7
Benzene	1.512	1.382	1.327	1.378	1.323	1.436	1.393	5.1
1,2-Dichloroethane	0.435	0.390	0.367	0.379	0.352	0.395	0.386	7.4
Trichloroethene	0.401	0.355	0.341	0.349	0.338	0.375	0.360	6.7
1,2-Dichloropropane	0.357	0.329	0.319	0.327	0.311	0.341	0.331	5
Dibromomethane	0.201	0.184	0.179	0.181	0.166	0.187	0.183	6.2
Bromodichloromethane	0.528	0.500	0.469	0.482	0.459	0.506	0.491	5.2
4-Methyl-2-Pentanone	0.202	0.211	0.202	0.216	0.194	0.224	0.208	5.2

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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG No.: Q1383

Instrument ID: MSVOA_Y Calibration Date(s): 02/03/2025 02/03/2025

Heated Purge: (Y/N) Y Calibration Time(s): 10:35 12:44

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY021020.D RRF010 = VY021021.D RRF020 = VY021022.D
RRF050 = VY021023.D RRF100 = VY021024.D RRF150 = VY021025.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Toluene	0.913	0.856	0.840	0.876	0.844	0.918	0.875	3.9
t-1,3-Dichloropropene	0.441	0.426	0.419	0.449	0.427	0.483	0.441	5.3
cis-1,3-Dichloropropene	0.528	0.516	0.502	0.525	0.501	0.560	0.522	4.2
1,1,2-Trichloroethane	0.261	0.235	0.231	0.235	0.217	0.242	0.237	6.1
1,3-Dichloropropane	0.434	0.410	0.402	0.412	0.381	0.424	0.410	4.4
2-Hexanone	0.124	0.131	0.128	0.144	0.129	0.149	0.134	7.4
Dibromochloromethane	0.359	0.330	0.324	0.329	0.310	0.346	0.333	5.2
1,2-Dibromoethane	0.232	0.223	0.215	0.225	0.203	0.233	0.222	5
Tetrachloroethene	0.409	0.367	0.352	0.361	0.351	0.387	0.371	6.2
Chlorobenzene	1.237	1.115	1.054	1.080	1.048	1.146	1.113	6.4
1,1,1,2-Tetrachloroethane	0.434	0.401	0.376	0.382	0.374	0.407	0.396	5.9
Ethyl Benzene	2.101	1.899	1.865	1.943	1.914	2.093	1.969	5.2
m/p-Xylenes	0.772	0.723	0.709	0.733	0.711	0.773	0.737	3.9
o-Xylene	0.723	0.658	0.660	0.681	0.670	0.729	0.687	4.6
Styrene	1.154	1.118	1.105	1.156	1.128	1.208	1.145	3.2
Bromoform	0.231	0.222	0.217	0.216	0.205	0.229	0.220	4.4
Isopropylbenzene	4.122	3.695	3.673	3.809	3.871	4.263	3.906	6.1
1,1,2,2-Tetrachloroethane	0.707	0.646	0.635	0.632	0.597	0.680	0.650	6
1,2,3-Trichloropropane	0.527	0.393	0.469	0.462	0.378	0.492	0.454	12.7
Bromobenzene	0.946	0.892	0.866	0.864	0.863	0.978	0.901	5.5
n-propylbenzene	4.862	4.419	4.410	4.581	4.590	5.054	4.653	5.5
2-Chlorotoluene	2.872	2.577	2.537	2.585	2.571	2.847	2.665	5.7
1,3,5-Trimethylbenzene	3.321	3.032	3.042	3.109	3.100	3.395	3.167	4.8
4-Chlorotoluene	2.902	2.692	2.605	2.617	2.592	2.882	2.715	5.2
tert-Butylbenzene	2.968	2.745	2.755	2.869	2.773	3.160	2.878	5.6
1,2,4-Trimethylbenzene	3.184	2.935	2.981	3.059	3.047	3.371	3.096	5.1
sec-Butylbenzene	4.405	4.003	3.956	4.038	4.046	4.413	4.143	5
p-Isopropyltoluene	3.554	3.237	3.304	3.421	3.381	3.753	3.442	5.4
1,3-Dichlorobenzene	1.937	1.686	1.660	1.683	1.652	1.824	1.740	6.6
1,4-Dichlorobenzene	1.906	1.702	1.632	1.665	1.599	1.778	1.714	6.6

* 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.

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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG No.: Q1383

Instrument ID: MSVOA_Y Calibration Date(s): 02/03/2025 02/03/2025

Heated Purge: (Y/N) Y Calibration Time(s): 10:35 12:44

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY021020.D RRF010 = VY021021.D RRF020 = VY021022.D
RRF050 = VY021023.D RRF100 = VY021024.D RRF150 = VY021025.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
n-Butylbenzene	3.202	2.923	2.961	3.153	3.127	3.473	3.140	6.3
1,2-Dichlorobenzene	1.668	1.524	1.440	1.460	1.405	1.567	1.510	6.4
1,2-Dibromo-3-Chloropropane	0.099	0.099	0.089	0.097	0.089	0.109	0.097	7.6
1,2,4-Trichlorobenzene	0.796	0.754	0.743	0.875	0.873	1.004	0.841	11.6
Hexachlorobutadiene	0.600	0.518	0.523	0.554	0.542	0.605	0.557	6.7
1,2,3-Trichlorobenzene	0.641	0.640	0.626	0.733	0.726	0.832	0.700	11.4
1,2-Dichloroethane-d4	0.566	0.557	0.478	0.503	0.454	0.516	0.512	8.5
Dibromofluoromethane	0.351	0.326	0.301	0.313	0.297	0.333	0.320	6.4
Toluene-d8	1.295	1.237	1.139	1.202	1.158	1.288	1.220	5.3
4-Bromofluorobenzene	0.417	0.408	0.371	0.403	0.375	0.418	0.399	5.2
trans-1,4-Dichloro-2-butene	0.216	0.226	0.211	0.223	0.208	0.250	0.222	6.9

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

Response Factor Report GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y020325S.M
Title : SW846 8260
Last Update : Mon Feb 03 13:08:38 2025
Response Via : Initial Calibration

Calibration Files
5 =VY021020.D 10 =VY021021.D 20 =VY021022.D 50 =VY021023.D 100 =VY021024.D 150 =VY021025.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.503	0.438	0.413	0.445	0.419	0.457	0.446	7.23
3)	P	Chloromethane	0.524	0.445	0.408	0.421	0.404	0.437	0.440	10.10
4)	C	Vinyl Chloride	0.535	0.441	0.404	0.424	0.408	0.443	0.443	10.93#
5)	T	Bromomethane	0.356	0.275	0.249	0.258	0.246	0.257	0.274	15.17
6)	T	Chloroethane	0.316	0.270	0.240	0.255	0.239	0.261	0.263	10.71
7)	T	Trichlorofluor...	0.924	0.814	0.755	0.789	0.743	0.813	0.806	8.03
8)	T	Diethyl Ether	0.274	0.256	0.248	0.242	0.230	0.260	0.252	6.02
9)	T	1,1,2-Trichlor...	0.587	0.507	0.472	0.494	0.466	0.510	0.506	8.56
10)	T	Methyl Iodide	0.534	0.532	0.527	0.587	0.576	0.618	0.562	6.59
11)	T	Tert butyl alc...	0.042	0.039	0.035	0.032	0.028	0.032	0.035	14.80
12)	CM	1,1-Dichloroet...	0.529	0.471	0.441	0.469	0.452	0.498	0.477	6.76#
13)	T	Acrolein	0.055	0.057	0.056	0.052	0.047	0.053	0.053	6.61
14)	T	Allyl chloride	0.869	0.778	0.753	0.800	0.774	0.846	0.803	5.60
15)	T	Acrylonitrile	0.109	0.105	0.105	0.106	0.095	0.109	0.105	5.06
16)	T	Acetone	0.087	0.083	0.078	0.077	0.070	0.083	0.080	7.52
17)	T	Carbon Disulfide	1.673	1.456	1.389	1.475	1.421	1.556	1.495	6.96
18)	T	Methyl Acetate	0.300	0.282	0.268	0.287	0.253	0.291	0.280	6.13
19)	T	Methyl tert-bu...	1.271	1.185	1.168	1.216	1.124	1.265	1.205	4.75
20)	T	Methylene Chlo...	0.570	0.506	0.473	0.485	0.452	0.494	0.497	8.17
21)	T	trans-1,2-Dich...	0.578	0.518	0.502	0.522	0.490	0.538	0.525	5.83
22)	T	Diisopropyl ether	1.741	1.643	1.638	1.665	1.573	1.677	1.656	3.33
23)	T	Vinyl Acetate	0.937	0.913	0.903	0.948	0.869	0.970	0.923	3.86
24)	P	1,1-Dichloroet...	1.104	0.948	0.923	0.947	0.911	0.989	0.970	7.27
25)	T	2-Butanone	0.134	0.133	0.126	0.135	0.121	0.139	0.131	5.18
26)	T	2,2-Dichloropr...	1.031	0.899	0.842	0.870	0.818	0.926	0.898	8.44
27)	T	cis-1,2-Dichlo...	0.662	0.584	0.577	0.599	0.575	0.626	0.604	5.66
28)	T	Bromochloromet...	0.373	0.368	0.381	0.413	0.374	0.394	0.384	4.42
29)	T	Tetrahydrofuran	0.088	0.092	0.088	0.092	0.081	0.093	0.089	5.11
30)	C	Chloroform	1.107	1.016	0.947	0.982	0.921	1.006	0.997	6.49#
31)	T	Cyclohexane	1.093	0.885	0.807	0.827	0.779	0.852	0.874	12.96
32)	T	1,1,1-Trichlor...	1.067	0.901	0.867	0.912	0.863	0.949	0.927	8.18
33)	S	1,2-Dichloroet...	0.566	0.557	0.478	0.503	0.454	0.516	0.512	8.52
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.351	0.326	0.301	0.313	0.297	0.333	0.320	6.41
36)	T	1,1-Dichloropr...	0.534	0.464	0.447	0.463	0.448	0.491	0.475	7.02
37)	T	Ethyl Acetate	0.218	0.208	0.208	0.211	0.188	0.216	0.208	5.10
38)	T	Carbon Tetrach...	0.604	0.551	0.522	0.547	0.522	0.581	0.555	5.86
39)	T	Methylcyclohexane	0.609	0.550	0.536	0.588	0.570	0.629	0.581	6.07
40)	TM	Benzene	1.512	1.382	1.327	1.378	1.323	1.436	1.393	5.13
41)	T	Methacrylonitrile	0.130	0.126	0.133	0.111	0.089	0.134	0.120	14.47
42)	TM	1,2-Dichloroet...	0.435	0.390	0.367	0.379	0.352	0.395	0.386	7.38
43)	T	Isopropyl Acetate	0.404	0.417	0.400	0.422	0.389	0.451	0.414	5.25
44)	TM	Trichloroethene	0.401	0.355	0.341	0.349	0.338	0.375	0.360	6.66
45)	C	1,2-Dichloropr...	0.357	0.329	0.319	0.327	0.311	0.341	0.331	4.98#
46)	T	Dibromomethane	0.201	0.184	0.179	0.181	0.166	0.187	0.183	6.17
47)	T	Bromodichlorom...	0.528	0.500	0.469	0.482	0.459	0.506	0.491	5.18
48)	T	Methyl methacr...	0.180	0.180	0.175	0.192	0.186	0.217	0.188	7.95
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	6.73
50)	S	Toluene-d8	1.295	1.237	1.139	1.202	1.158	1.288	1.220	5.34
51)	T	4-Methyl-2-Pen...	0.202	0.211	0.202	0.216	0.194	0.224	0.208	5.18
52)	CM	Toluene	0.913	0.856	0.840	0.876	0.844	0.918	0.875	3.88#
53)	T	t-1,3-Dichloro...	0.441	0.426	0.419	0.449	0.427	0.483	0.441	5.31
54)	T	cis-1,3-Dichlo...	0.528	0.516	0.502	0.525	0.501	0.560	0.522	4.19
55)	T	1,1,2-Trichlor...	0.261	0.235	0.231	0.235	0.217	0.242	0.237	6.06
56)	T	Ethyl methacry...	0.287	0.296	0.300	0.338	0.319	0.363	0.317	9.15

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y020325S.M

57)	T	1,3-Dichloropr...	0.434	0.410	0.402	0.412	0.381	0.424	0.410	4.44
58)	T	2-Chloroethyl ...	0.143	0.146	0.146	0.157	0.146	0.167	0.151	6.19
59)	T	2-Hexanone	0.124	0.131	0.128	0.144	0.129	0.149	0.134	7.42
60)	T	Dibromochlorom...	0.359	0.330	0.324	0.329	0.310	0.346	0.333	5.17
61)	T	1,2-Dibromoethane	0.232	0.223	0.215	0.225	0.203	0.233	0.222	5.04
62)	S	4-Bromofluorob...	0.417	0.408	0.371	0.403	0.375	0.418	0.399	5.23
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.409	0.367	0.352	0.361	0.351	0.387	0.371	6.17
65)	PM	Chlorobenzene	1.237	1.115	1.054	1.080	1.048	1.146	1.113	6.40
66)	T	1,1,1,2-Tetrac...	0.434	0.401	0.376	0.382	0.374	0.407	0.396	5.86
67)	C	Ethyl Benzene	2.101	1.899	1.865	1.943	1.914	2.093	1.969	5.20#
68)	T	m/p-Xylenes	0.772	0.723	0.709	0.733	0.711	0.773	0.737	3.93
69)	T	o-Xylene	0.723	0.658	0.660	0.681	0.670	0.729	0.687	4.57
70)	T	Styrene	1.154	1.118	1.105	1.156	1.128	1.208	1.145	3.23
71)	P	Bromoform	0.231	0.222	0.217	0.216	0.205	0.229	0.220	4.43
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	4.122	3.695	3.673	3.809	3.871	4.263	3.906	6.09
74)	T	N-amyl acetate	0.786	0.801	0.796	0.887	0.854	1.000	0.854	9.53
75)	P	1,1,2,2-Tetrac...	0.707	0.646	0.635	0.632	0.597	0.680	0.650	5.97
76)	T	1,2,3-Trichlor...	0.527	0.393	0.469	0.462	0.378	0.492	0.454	12.69
77)	T	Bromobenzene	0.946	0.892	0.866	0.864	0.863	0.978	0.901	5.45
78)	T	n-propylbenzene	4.862	4.419	4.410	4.581	4.590	5.054	4.653	5.50
79)	T	2-Chlorotoluene	2.872	2.577	2.537	2.585	2.571	2.847	2.665	5.70
80)	T	1,3,5-Trimethy...	3.321	3.032	3.042	3.109	3.100	3.395	3.167	4.84
81)	T	trans-1,4-Dich...	0.216	0.226	0.211	0.223	0.208	0.250	0.222	6.87
82)	T	4-Chlorotoluene	2.902	2.692	2.605	2.617	2.592	2.882	2.715	5.21
83)	T	tert-Butylbenzene	2.968	2.745	2.755	2.869	2.773	3.160	2.878	5.63
84)	T	1,2,4-Trimethy...	3.184	2.935	2.981	3.059	3.047	3.371	3.096	5.13
85)	T	sec-Butylbenzene	4.405	4.003	3.956	4.038	4.046	4.413	4.143	5.03
86)	T	p-Isopropyltol...	3.554	3.237	3.304	3.421	3.381	3.753	3.442	5.43
87)	T	1,3-Dichlorobe...	1.937	1.686	1.660	1.683	1.652	1.824	1.740	6.61
88)	T	1,4-Dichlorobe...	1.906	1.702	1.632	1.665	1.599	1.778	1.714	6.56
89)	T	n-Butylbenzene	3.202	2.923	2.961	3.153	3.127	3.473	3.140	6.27
90)	T	Hexachloroethane	0.757	0.693	0.680	0.696	0.699	0.784	0.718	5.86
91)	T	1,2-Dichlorobe...	1.668	1.524	1.440	1.460	1.405	1.567	1.510	6.42
92)	T	1,2-Dibromo-3-...	0.099	0.099	0.089	0.097	0.089	0.109	0.097	7.64
93)	T	1,2,4-Trichlor...	0.796	0.754	0.743	0.875	0.873	1.004	0.841	11.62
94)	T	Hexachlorobuta...	0.600	0.518	0.523	0.554	0.542	0.605	0.557	6.73
95)	T	Naphthalene	1.072	1.171	1.176	1.488	1.440	1.723	1.345	18.38
96)	T	1,2,3-Trichlor...	0.641	0.640	0.626	0.733	0.726	0.832	0.700	11.36

(#) = Out of Range

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021020.D
Acq On : 03 Feb 2025 10:35
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

Quant Time: Feb 03 12:37:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.719	168	185671	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.622	114	293189	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.426	117	242257	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	113107	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.079	65	10514	6.651	ug/l		0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 13.300%#				
35) Dibromofluoromethane	7.640	113	10294	5.840	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 11.680%#				
50) Toluene-d8	10.115	98	37973	5.520	ug/l		0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 11.040%#				
62) 4-Bromofluorobenzene	12.414	95	12237	5.301	ug/l		0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 10.600%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.873	85	9330	5.910	ug/l		94
3) Chloromethane	2.080	50	9736	9.700	ug/l		98
4) Vinyl Chloride	2.214	62	9942	9.607	ug/l		100
5) Bromomethane	2.611	94	6604	9.426	ug/l		92
6) Chloroethane	2.751	64	5863	9.698	ug/l		89
7) Trichlorofluoromethane	3.074	101	17163	6.872	ug/l		96
8) Diethyl Ether	3.470	74	5090	6.827	ug/l		78
9) 1,1,2-Trichlorotrifluo...	3.830	101	10891	6.476	ug/l		93
10) Methyl Iodide	4.019	142	9923	5.156	ug/l		97
11) Tert butyl alcohol	4.878	59	3893	33.712	ug/l	#	73
12) 1,1-Dichloroethene	3.805	96	9831	6.255	ug/l		89
13) Acrolein	3.665	56	5116	38.472	ug/l		94
14) Allyl chloride	4.403	41	16131	7.456	ug/l		93
15) Acrylonitrile	5.086	53	10135	33.047	ug/l	#	73
16) Acetone	3.891	43	8118	37.678	ug/l		99
17) Carbon Disulfide	4.123	76	31063	6.417	ug/l		99
18) Methyl Acetate	4.397	43	5577	7.397	ug/l		92
19) Methyl tert-butyl Ether	5.128	73	23603	6.452	ug/l		98
20) Methylene Chloride	4.635	84	10585	6.661	ug/l		94
21) trans-1,2-Dichloroethene	5.141	96	10724	6.364	ug/l		91
22) Diisopropyl ether	6.031	45	32323	7.329	ug/l		94
23) Vinyl Acetate	5.976	43	87000	35.621	ug/l		97
24) 1,1-Dichloroethane	5.933	63	20490	7.202	ug/l		96
25) 2-Butanone	6.915	43	12466	34.105	ug/l		93
26) 2,2-Dichloropropane	6.890	77	19144	6.834	ug/l		98
27) cis-1,2-Dichloroethene	6.909	96	12299	6.350	ug/l		93
28) Bromochloromethane	7.256	49	6919	6.527	ug/l		85
29) Tetrahydrofuran	7.281	42	8193	33.310	ug/l		92
30) Chloroform	7.439	83	20552	6.669	ug/l		96
31) Cyclohexane	7.713	56	20287	7.295	ug/l	#	85
32) 1,1,1-Trichloroethane	7.628	97	19818	6.645	ug/l		97
36) 1,1-Dichloropropene	7.841	75	15667	6.231	ug/l		95
37) Ethyl Acetate	6.994	43	6383	6.809	ug/l	#	74
38) Carbon Tetrachloride	7.829	117	17709	5.691	ug/l		99
39) Methylcyclohexane	9.116	83	17860	5.287	ug/l		93
40) Benzene	8.091	78	44324	5.991	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021020.D
Acq On : 03 Feb 2025 10:35
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 03 12:37:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.244	41	3810m	7.345	ug/l		
42) 1,2-Dichloroethane	8.164	62	12762	6.801	ug/l		98
43) Isopropyl Acetate	8.207	43	11839	6.321	ug/l	#	86
44) Trichloroethene	8.878	130	11751	5.756	ug/l		93
45) 1,2-Dichloropropane	9.146	63	10477	6.318	ug/l		99
46) Dibromomethane	9.244	93	5885	6.098	ug/l		91
47) Bromodichloromethane	9.433	83	15477	6.107	ug/l		94
48) Methyl methacrylate	9.231	41	5280	5.922	ug/l		93
49) 1,4-Dioxane	9.250	88	940	91.663	ug/l	#	93
51) 4-Methyl-2-Pentanone	10.006	43	29573	30.730	ug/l		91
52) Toluene	10.182	92	26760	5.572	ug/l		96
53) t-1,3-Dichloropropene	10.402	75	12933	5.639	ug/l		97
54) cis-1,3-Dichloropropene	9.865	75	15488	5.650	ug/l	#	90
55) 1,1,2-Trichloroethane	10.579	97	7651	5.961	ug/l		92
56) Ethyl methacrylate	10.451	69	8418	5.018	ug/l	#	82
57) 1,3-Dichloropropane	10.725	76	12714	5.845	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.719	63	21035	29.542	ug/l		95
59) 2-Hexanone	10.774	43	18159	29.030	ug/l		90
60) Dibromochloromethane	10.920	129	10511	5.744	ug/l		96
61) 1,2-Dibromoethane	11.024	107	6810	5.555	ug/l		96
64) Tetrachloroethene	10.652	164	9915	5.426	ug/l		96
65) Chlorobenzene	11.450	112	29973	5.872	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.524	131	10524	5.810	ug/l		98
67) Ethyl Benzene	11.530	91	50904	5.760	ug/l		97
68) m/p-Xylenes	11.639	106	37399	11.015	ug/l		98
69) o-Xylene	11.963	106	17519	5.550	ug/l		99
70) Styrene	11.981	104	27946	5.333	ug/l		99
71) Bromoform	12.145	173	5607	5.252	ug/l	#	97
73) Isopropylbenzene	12.261	105	46625	5.869	ug/l		100
74) N-amyl acetate	12.085	43	8887	6.144	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.517	83	8001	6.240	ug/l		99
76) 1,2,3-Trichloropropane	12.566	75	5960m	6.656	ug/l		
77) Bromobenzene	12.542	156	10698	5.680	ug/l		90
78) n-propylbenzene	12.603	91	54990	5.907	ug/l		99
79) 2-Chlorotoluene	12.688	91	32479	6.123	ug/l		99
80) 1,3,5-Trimethylbenzene	12.749	105	37564	5.772	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.310	75	2446	5.671	ug/l		92
82) 4-Chlorotoluene	12.786	91	32824	6.046	ug/l		99
83) tert-Butylbenzene	13.005	119	33572	5.562	ug/l		95
84) 1,2,4-Trimethylbenzene	13.054	105	36016	5.665	ug/l		100
85) sec-Butylbenzene	13.188	105	49828	5.831	ug/l		99
86) p-Isopropyltoluene	13.304	119	40197	5.597	ug/l		98
87) 1,3-Dichlorobenzene	13.298	146	21910	5.966	ug/l		99
88) 1,4-Dichlorobenzene	13.377	146	21553	5.910	ug/l		95
89) n-Butylbenzene	13.627	91	36214	5.630	ug/l		96
90) Hexachloroethane	13.895	117	8559	5.891	ug/l		98
91) 1,2-Dichlorobenzene	13.670	146	18869	5.892	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.285	75	1125	5.699	ug/l		82
93) 1,2,4-Trichlorobenzene	14.932	180	9000	4.590	ug/l		98
94) Hexachlorobutadiene	15.035	225	6792	5.001	ug/l		99
95) Naphthalene	15.157	128	12124	3.847	ug/l		99
96) 1,2,3-Trichlorobenzene	15.340	180	7255	4.375	ug/l		95

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021020.D
Acq On : 03 Feb 2025 10:35
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

Quant Time: Feb 03 12:37:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021020.D
Acq On : 03 Feb 2025 10:35
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 03 12:37:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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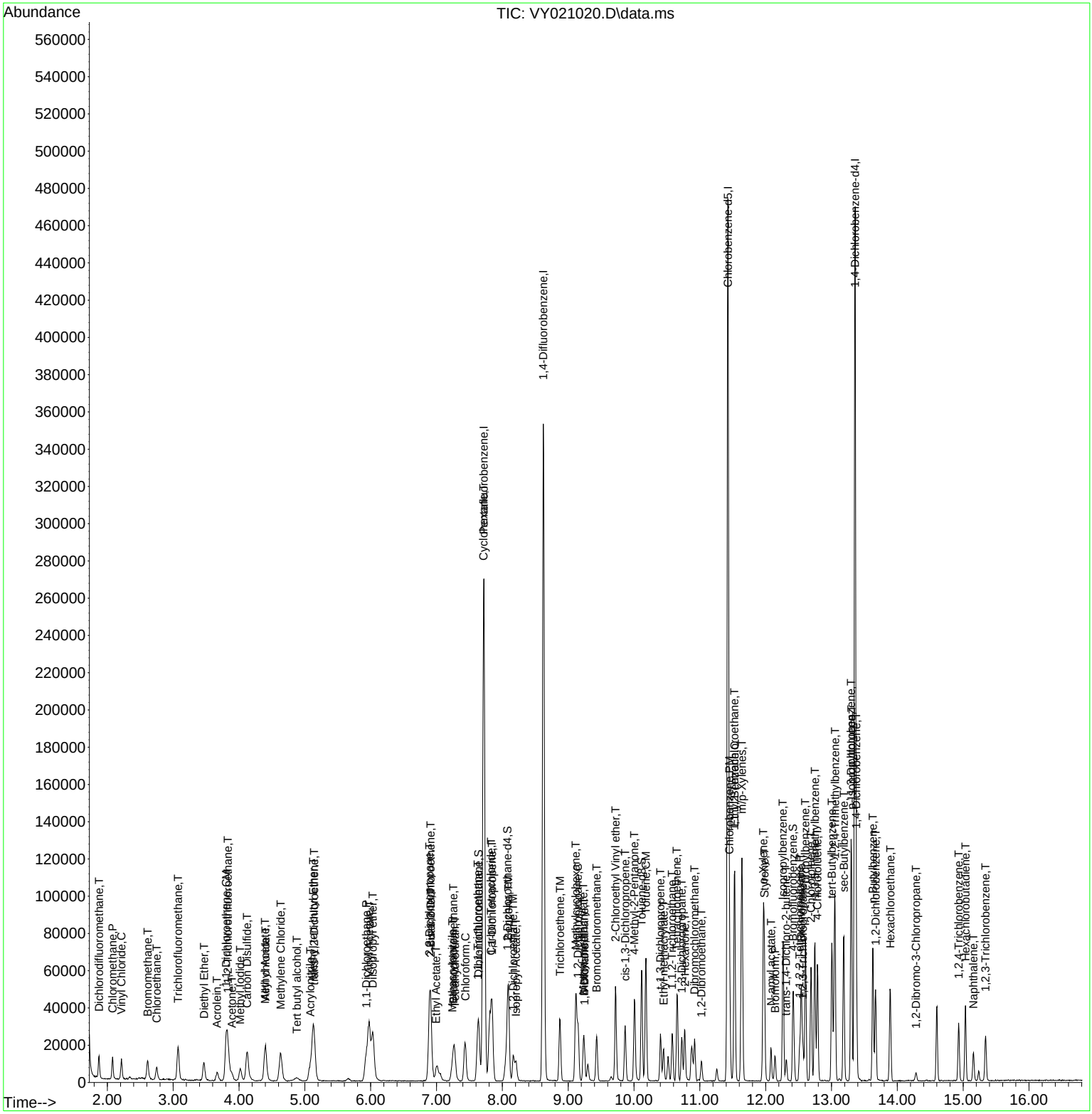
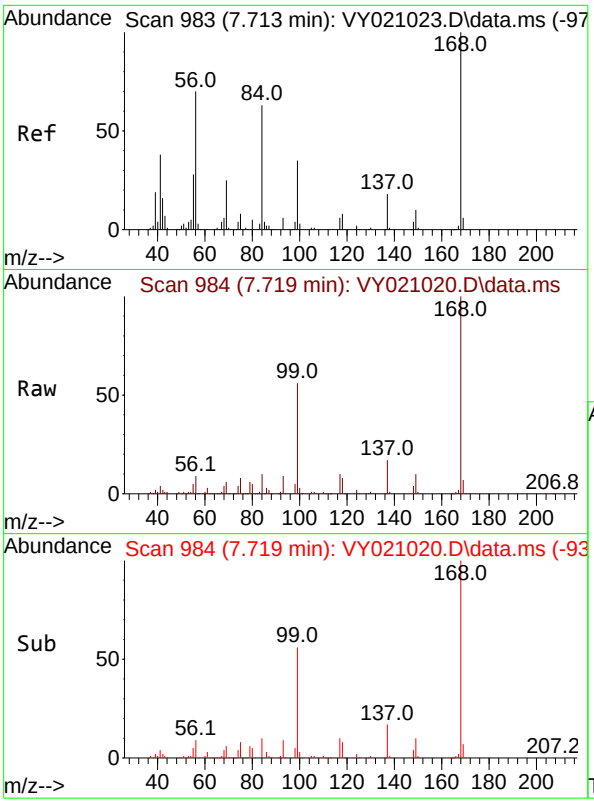
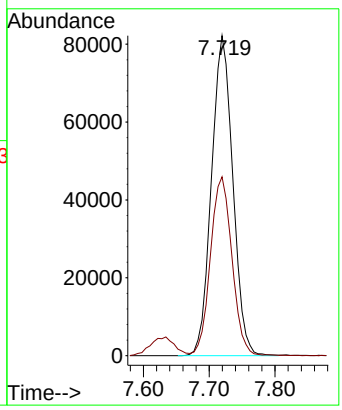




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:168 Resp: 18567

Ion	Ratio	Lower	Upper
168	100		
99	55.8	42.2	63.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
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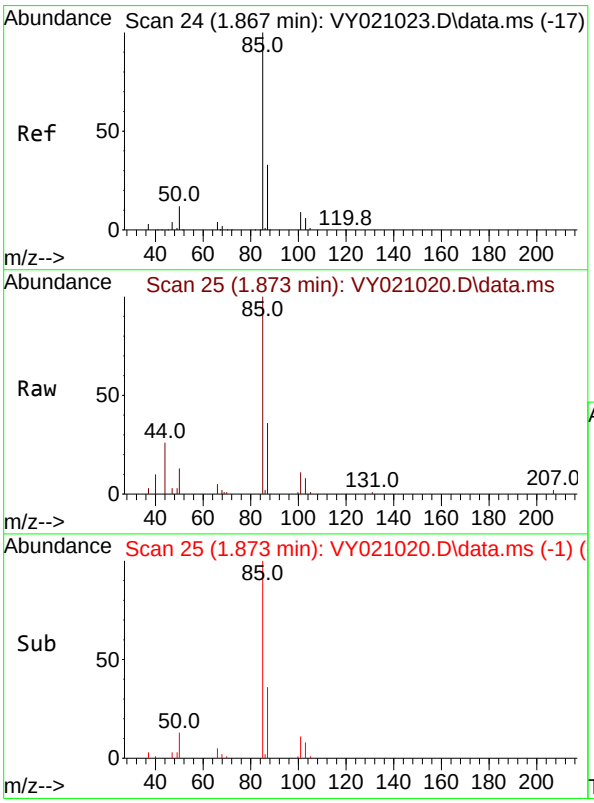
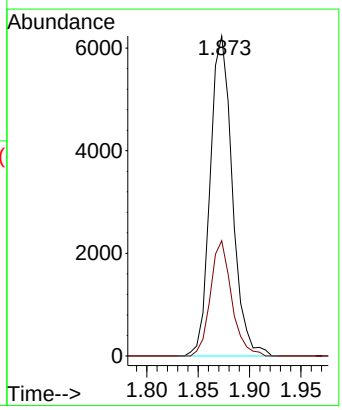
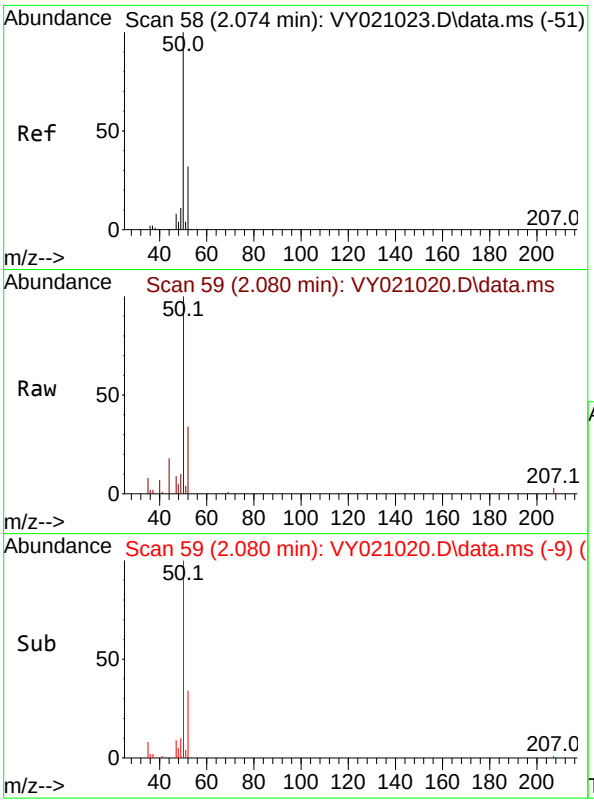


#2
Dichlorodifluoromethane
Concen: 5.910 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 85 Resp: 9330

Ion	Ratio	Lower	Upper
85	100		
87	36.0	16.3	48.9

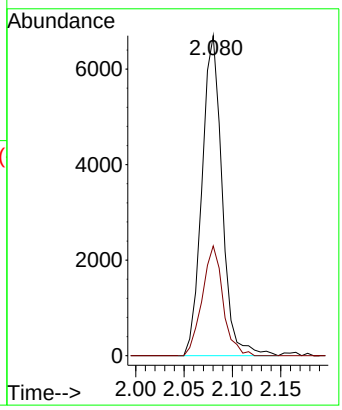




#3
Chloromethane
Concen: 9.700 ug/l
RT: 2.080 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 50 Resp: 973

Ion	Ratio	Lower	Upper
50	100		
52	34.3	26.3	39.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

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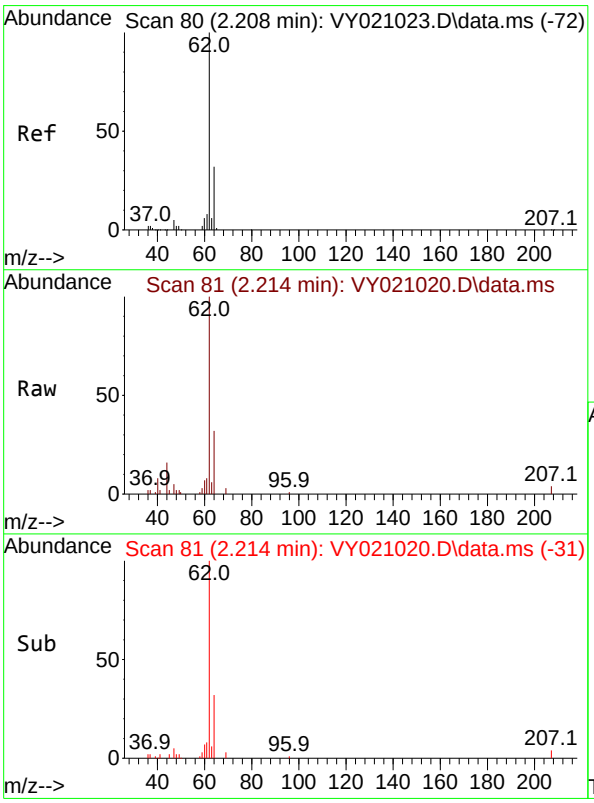
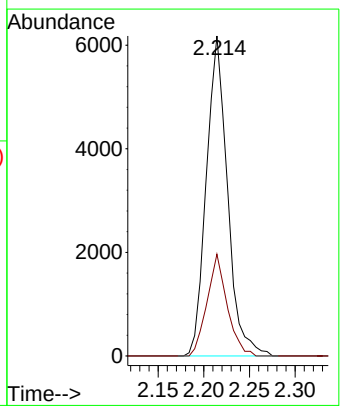
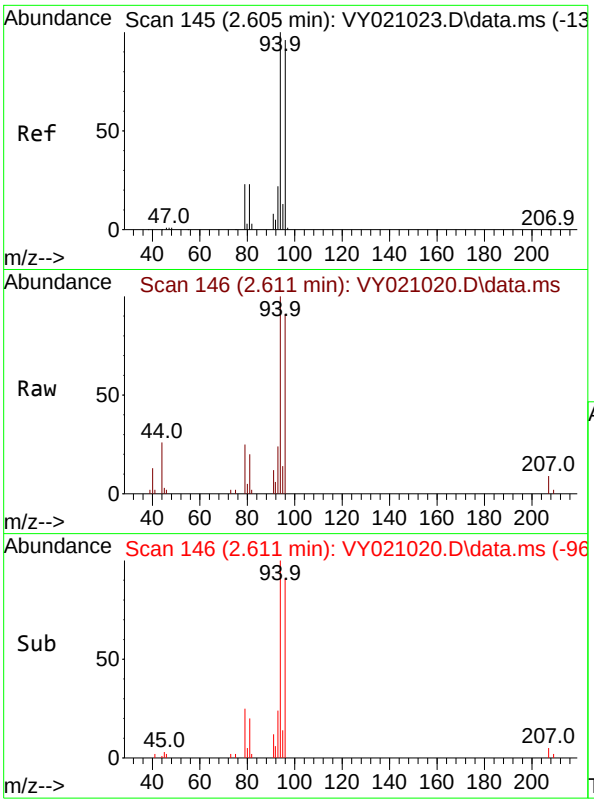


#4
Vinyl Chloride
Concen: 9.607 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 62 Resp: 9942

Ion	Ratio	Lower	Upper
62	100		
64	31.8	25.4	38.2

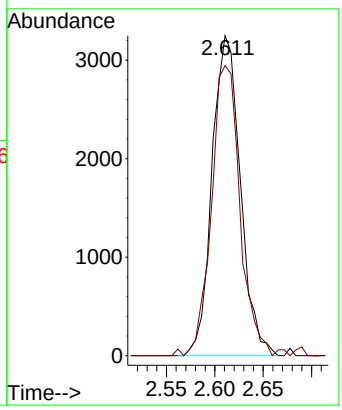




#5
Bromomethane
Concen: 9.426 ug/l
RT: 2.611 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 94 Resp: 660

Ion	Ratio	Lower	Upper
94	100		
96	88.9	77.4	116.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :Mahesh Dadoda 02/04/2025
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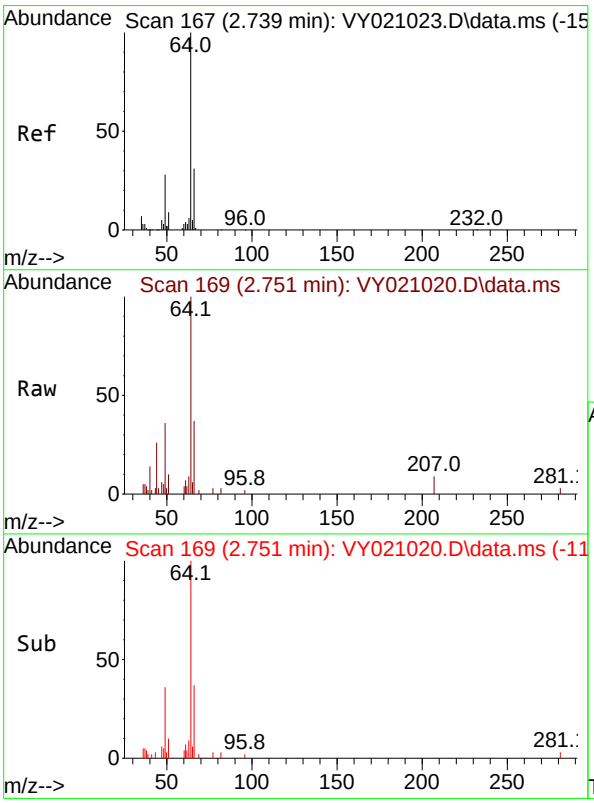
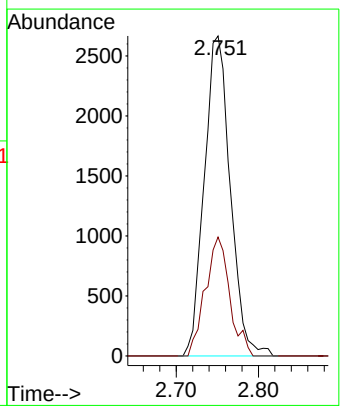
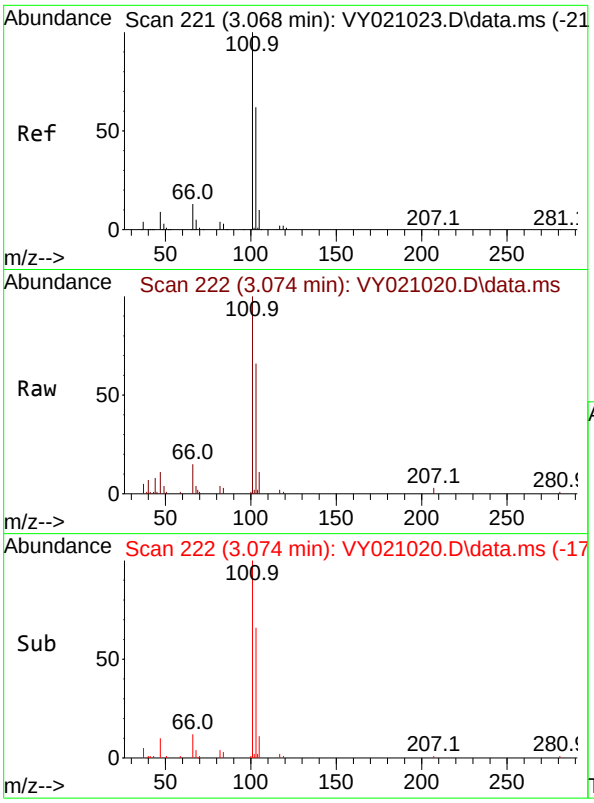


#6
Chloroethane
Concen: 9.698 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.013 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 64 Resp: 5863

Ion	Ratio	Lower	Upper
64	100		
66	37.1	25.0	37.4

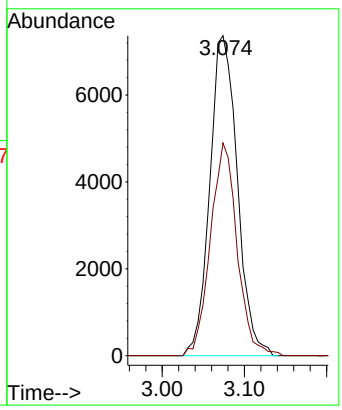




#7
Trichlorofluoromethane
Concen: 6.872 ug/l
RT: 3.074 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:101 Resp: 1716

Ion	Ratio	Lower	Upper
101	100		
103	66.4	50.9	76.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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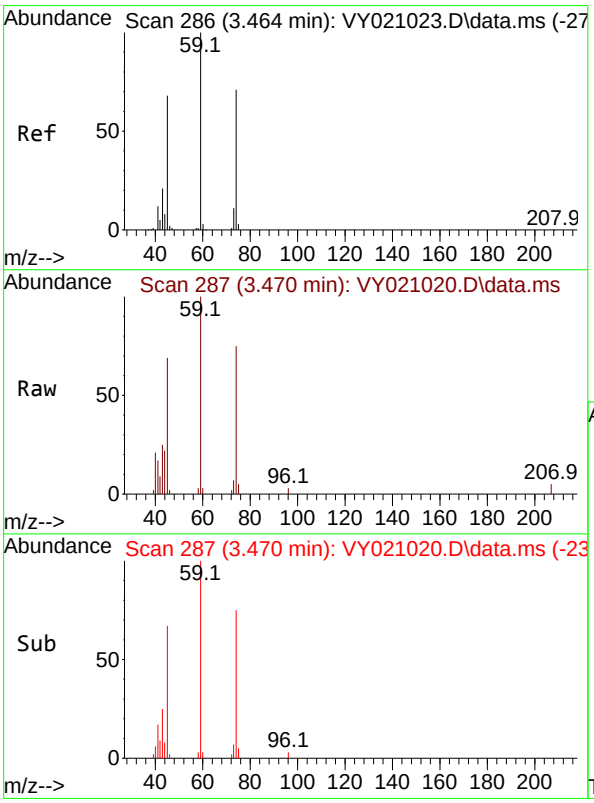
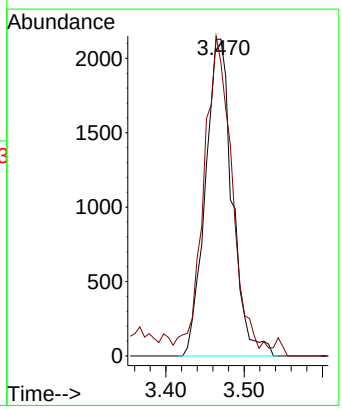
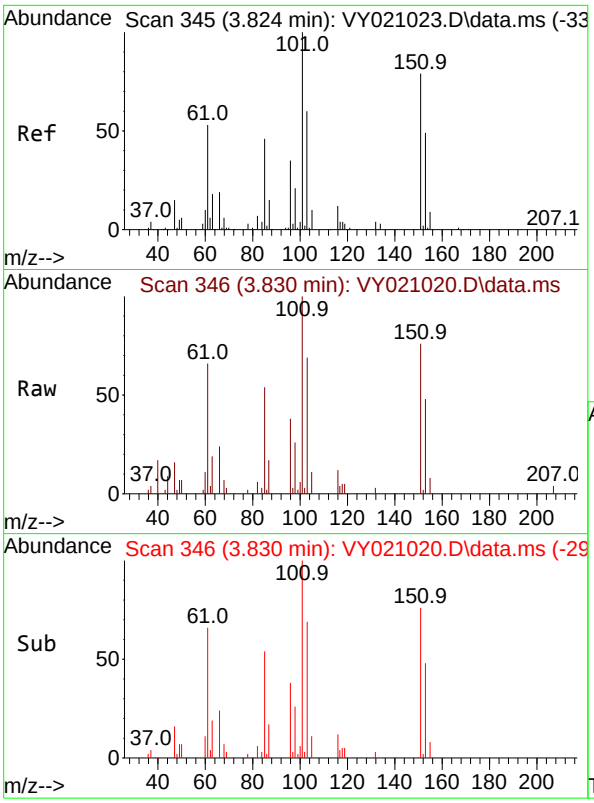


#8
Diethyl Ether
Concen: 6.827 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 74 Resp: 5090

Ion	Ratio	Lower	Upper
74	100		
45	107.1	43.4	130.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.476 ug/l
RT: 3.830 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:101 Resp: 1089

Ion	Ratio	Lower	Upper
101	100		
85	47.3	34.9	52.3
151	76.2	66.8	100.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
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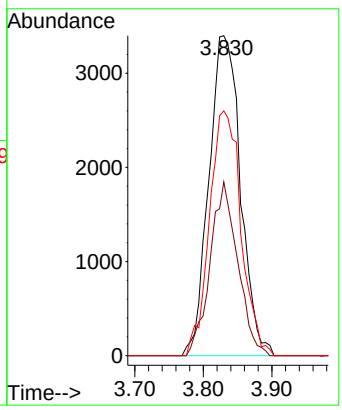
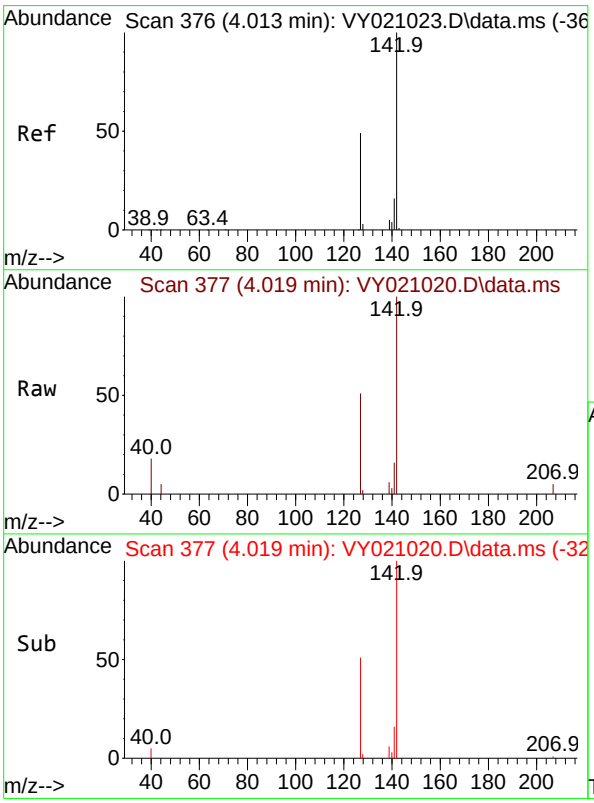
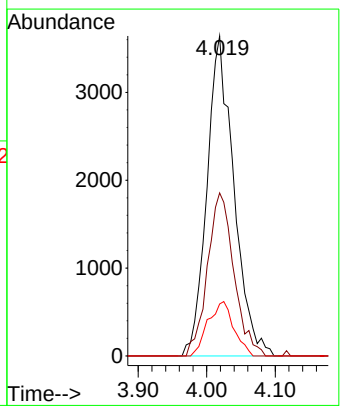


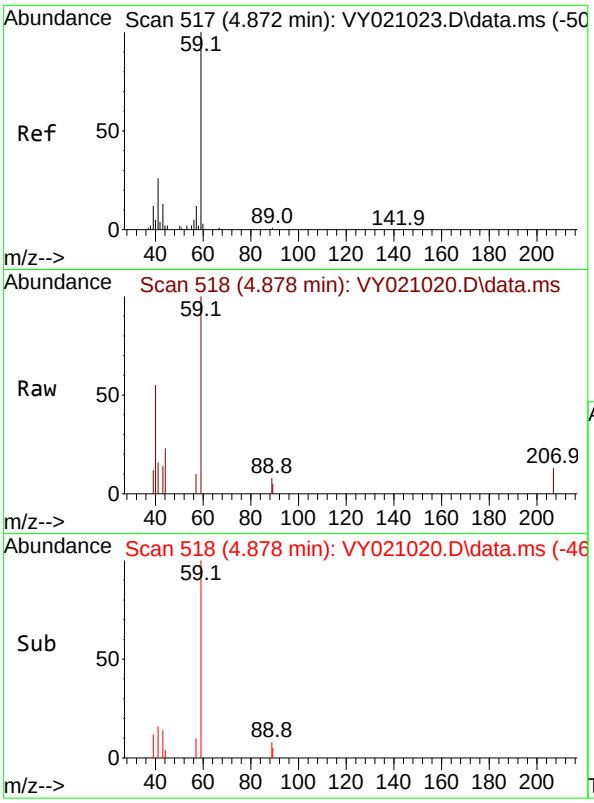


#10
Methyl Iodide
Concen: 5.156 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:142 Resp: 9923

Ion	Ratio	Lower	Upper
142	100		
127	50.1	38.9	58.3
141	16.3	11.7	17.5

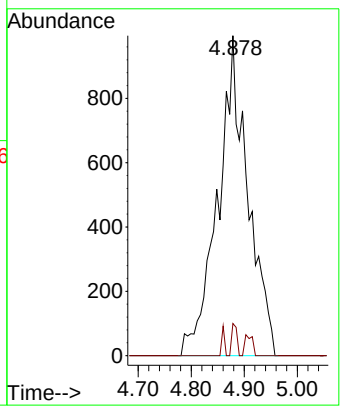




#11
Tert butyl alcohol
Concen: 33.712 ug/l
RT: 4.878 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 59 Resp: 389

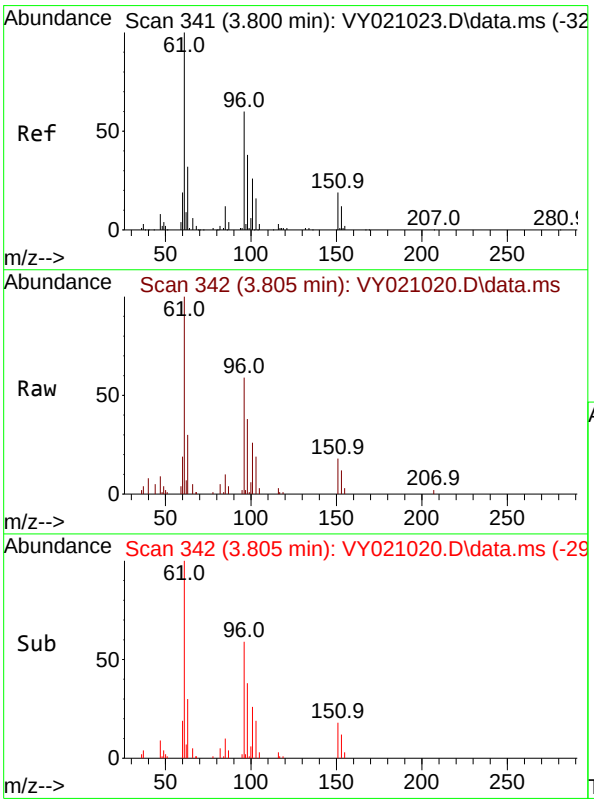
Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

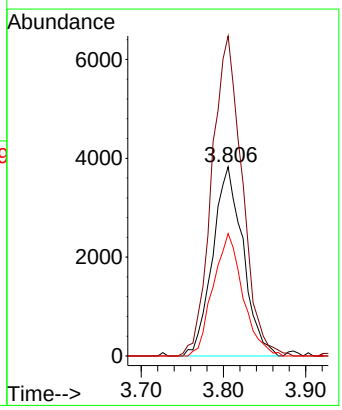
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

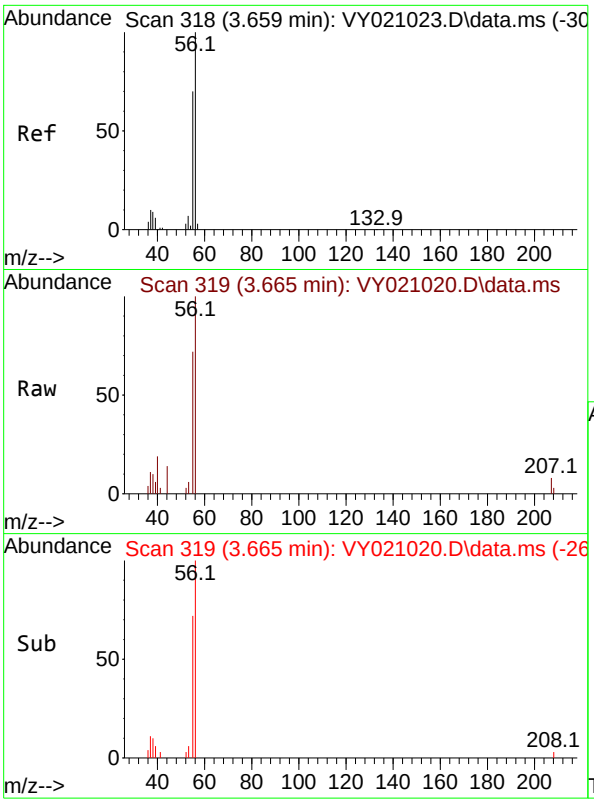


#12
1,1-Dichloroethene
Concen: 6.255 ug/l
RT: 3.805 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 96 Resp: 9831

Ion	Ratio	Lower	Upper
96	100		
61	169.2	120.8	181.2
98	64.7	50.6	76.0

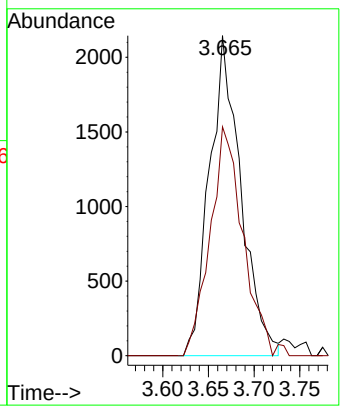




#13
Acrolein
Concen: 38.472 ug/l
RT: 3.665 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 56 Resp: 511

Ion	Ratio	Lower	Upper
56	100		
55	75.4	56.1	84.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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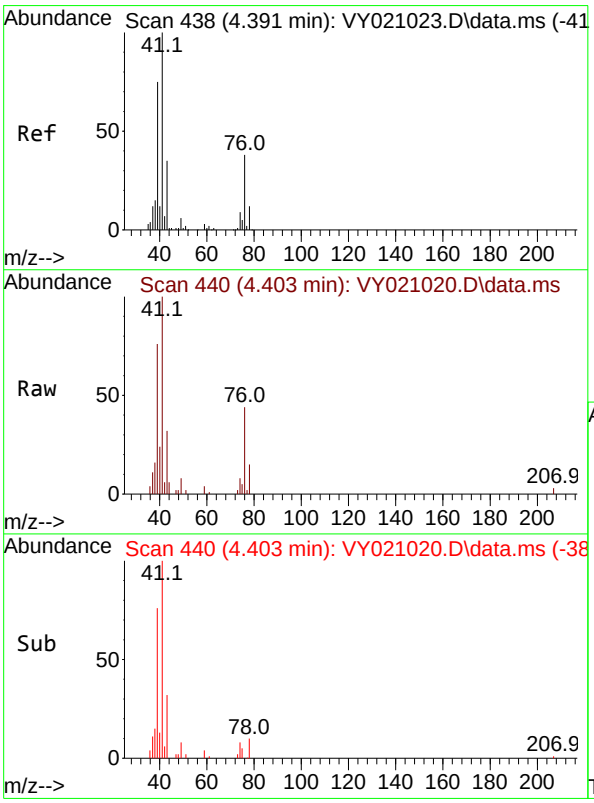
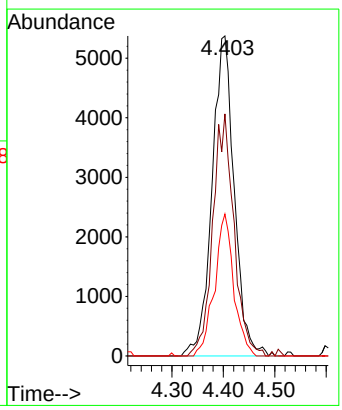
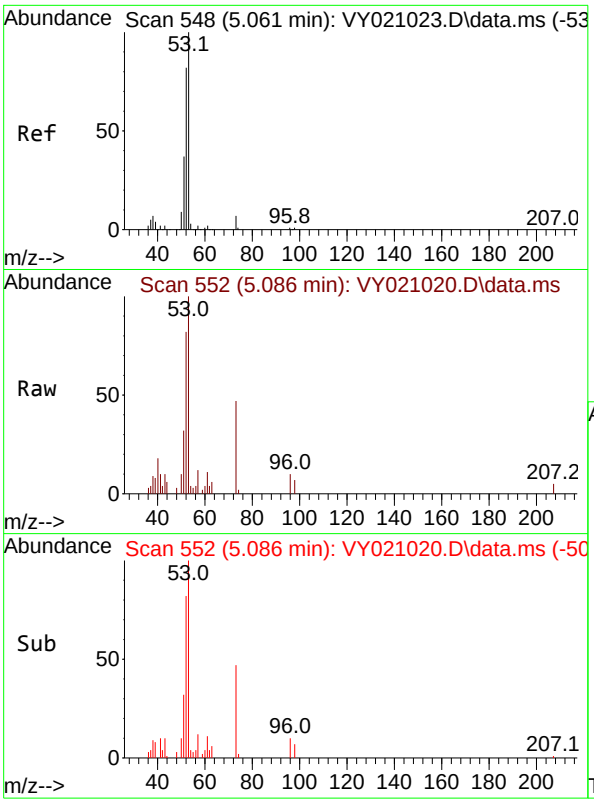


#14
Allyl chloride
Concen: 7.456 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.013 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 41 Resp: 16131

Ion	Ratio	Lower	Upper
41	100		
39	71.9	53.5	80.3
76	38.4	34.6	52.0





#15
Acrylonitrile
Concen: 33.047 ug/l
RT: 5.086 min Scan# 5
Delta R.T. 0.019 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 53 Resp: 1013

Ion	Ratio	Lower	Upper
53	100		
52	50.1	66.2	99.4
51	39.5	29.4	44.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

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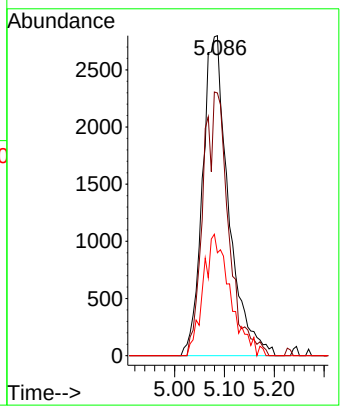
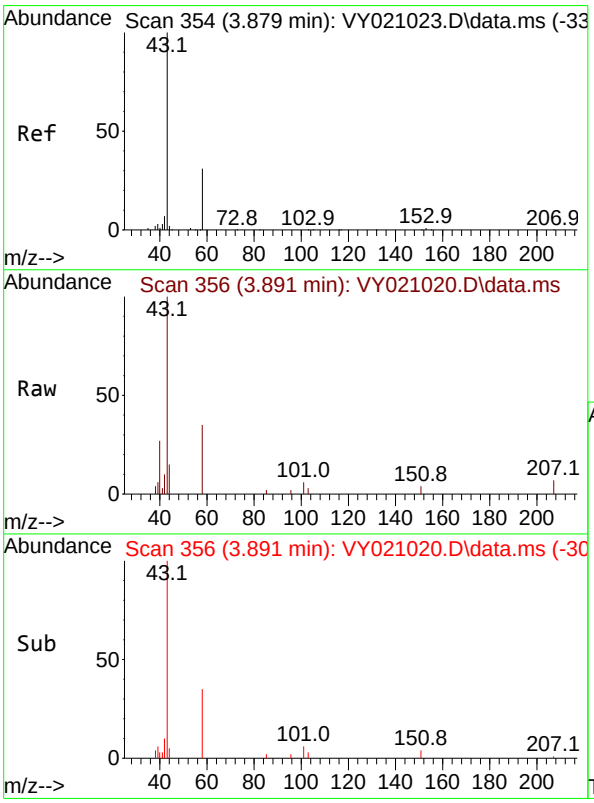
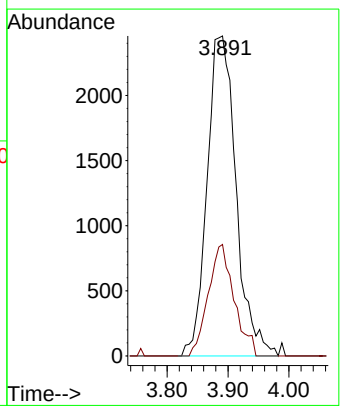


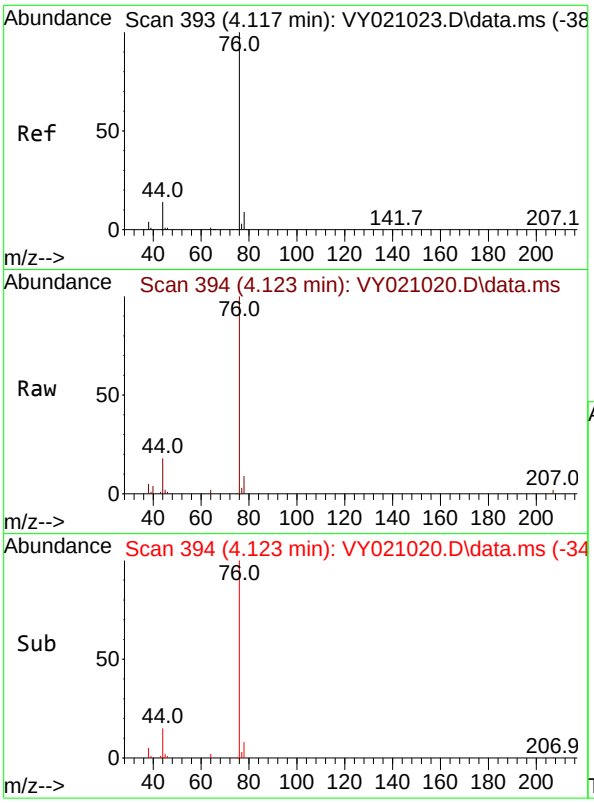


#16
Acetone
Concen: 37.678 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.019 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 43 Resp: 8118

Ion	Ratio	Lower	Upper
43	100		
58	34.8	28.4	42.6

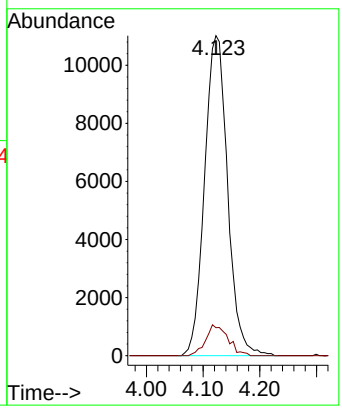




#17
Carbon Disulfide
Concen: 6.417 ug/l
RT: 4.123 min Scan# 3
Delta R.T. 0.013 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 76 Resp: 3106

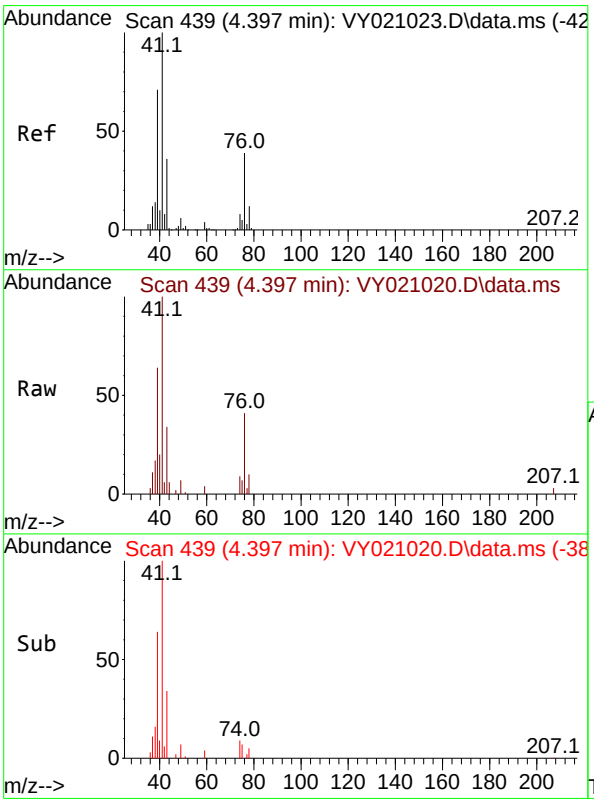
Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.3	10.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

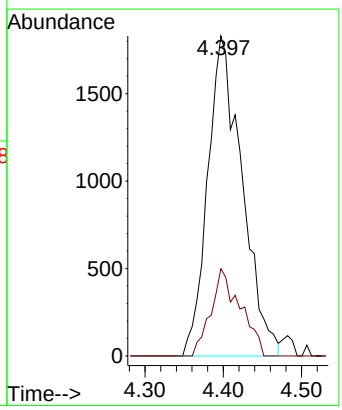
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

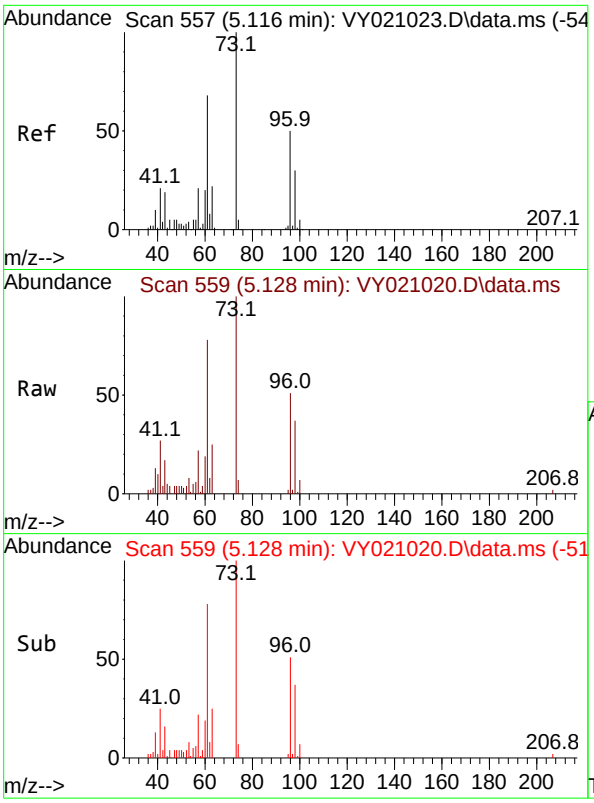


#18
Methyl Acetate
Concen: 7.397 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 43 Resp: 5577

Ion	Ratio	Lower	Upper
43	100		
74	23.4	22.2	33.4

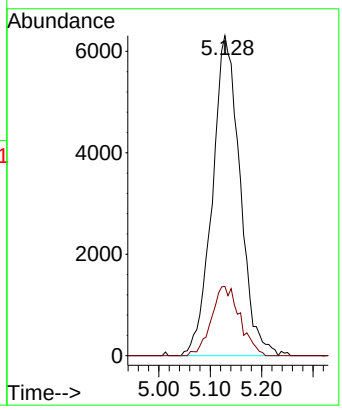




#19
Methyl tert-butyl Ether
Concen: 6.452 ug/l
RT: 5.128 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 73 Resp: 2360

Ion	Ratio	Lower	Upper
73	100		
57	21.6	16.6	25.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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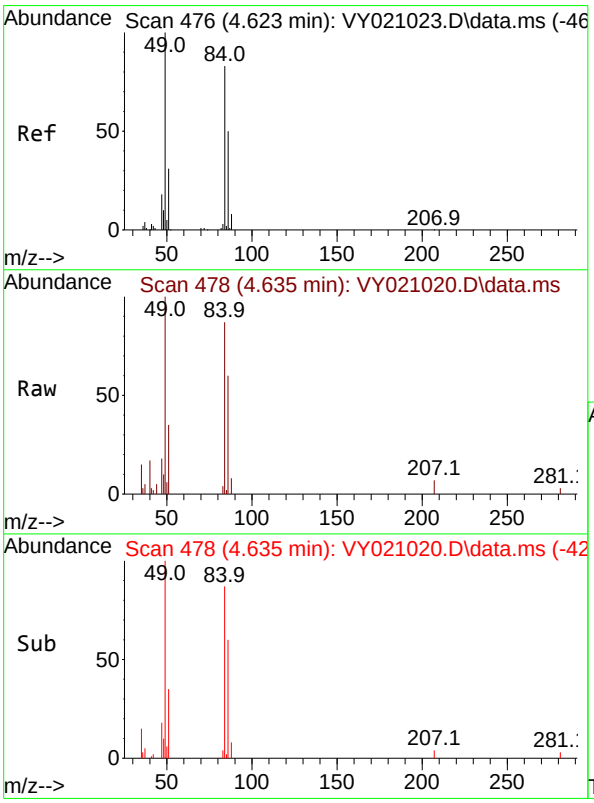
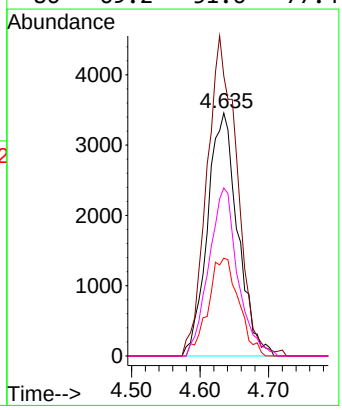
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

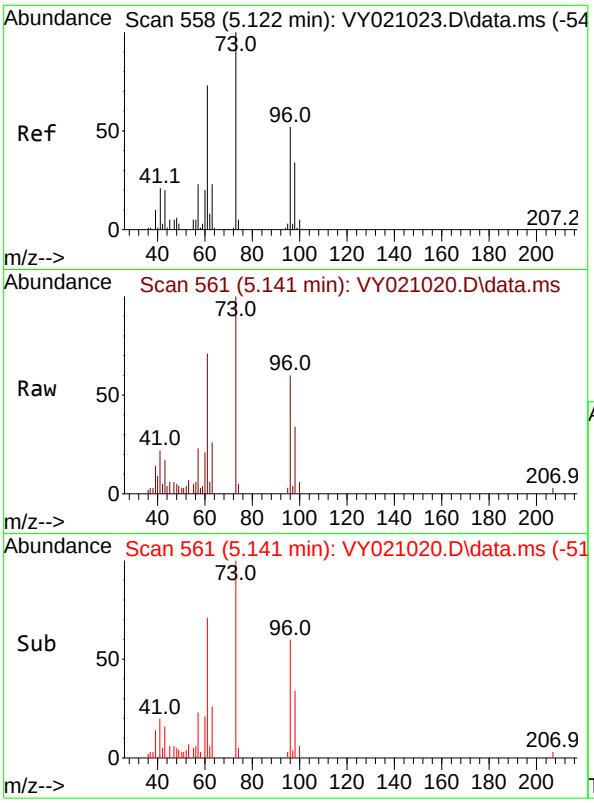


#20
Methylene Chloride
Concen: 6.661 ug/l
RT: 4.635 min Scan# 478
Delta R.T. 0.013 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 84 Resp: 10585

Ion	Ratio	Lower	Upper
84	100		
49	115.3	88.3	132.5
51	40.2	27.7	41.5
86	69.2	51.6	77.4

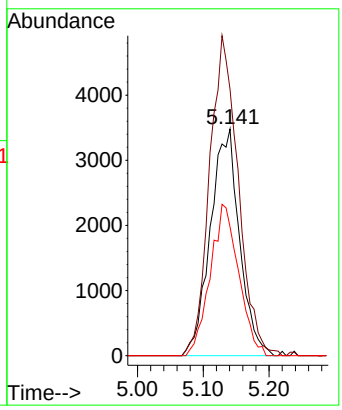




#21
trans-1,2-Dichloroethene
Concen: 6.364 ug/l
RT: 5.141 min Scan# 5
Delta R.T. 0.013 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 96 Resp: 1072

Ion	Ratio	Lower	Upper
96	100		
61	117.6	101.5	152.3
98	56.8	52.0	78.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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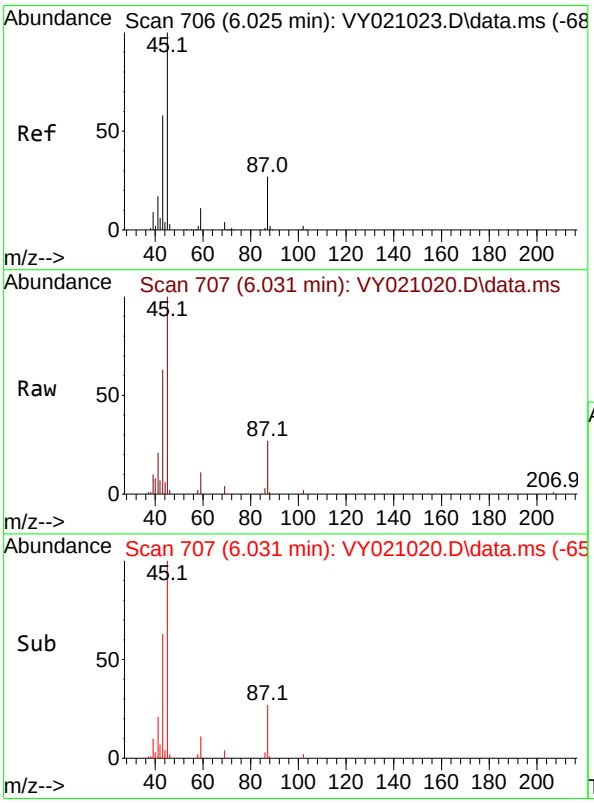
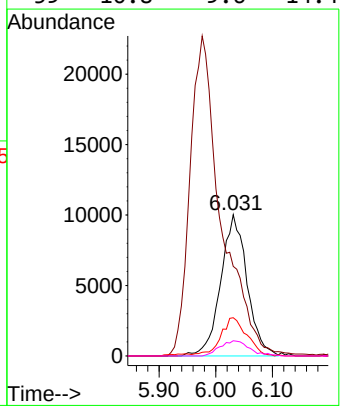
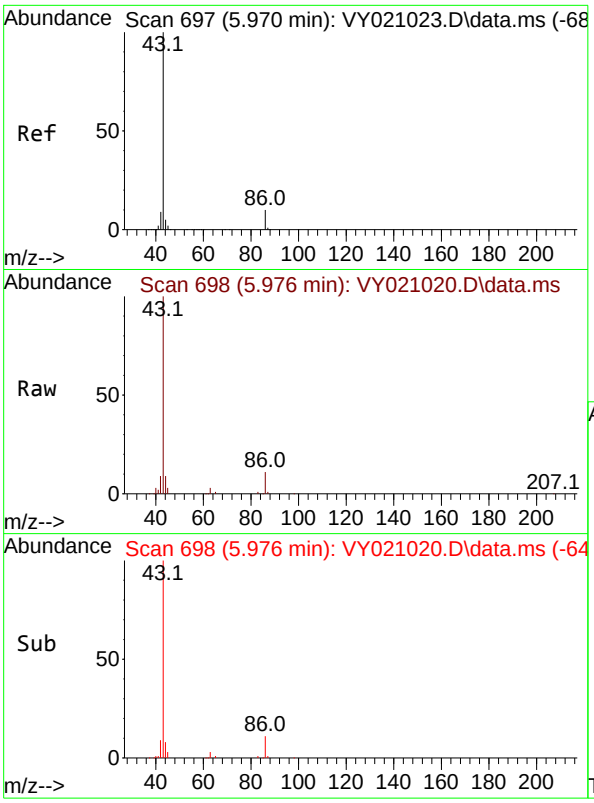


#22
Diisopropyl ether
Concen: 7.329 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 45 Resp: 32323

Ion	Ratio	Lower	Upper
45	100		
43	60.4	45.1	67.7
87	26.3	25.0	37.4
59	10.8	9.6	14.4





#23
Vinyl Acetate
Concen: 35.621 ug/l
RT: 5.976 min Scan# 6
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 43 Resp: 8700

Ion	Ratio	Lower	Upper
43	100		
86	10.9	9.7	14.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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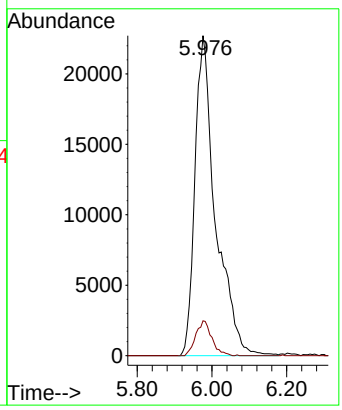
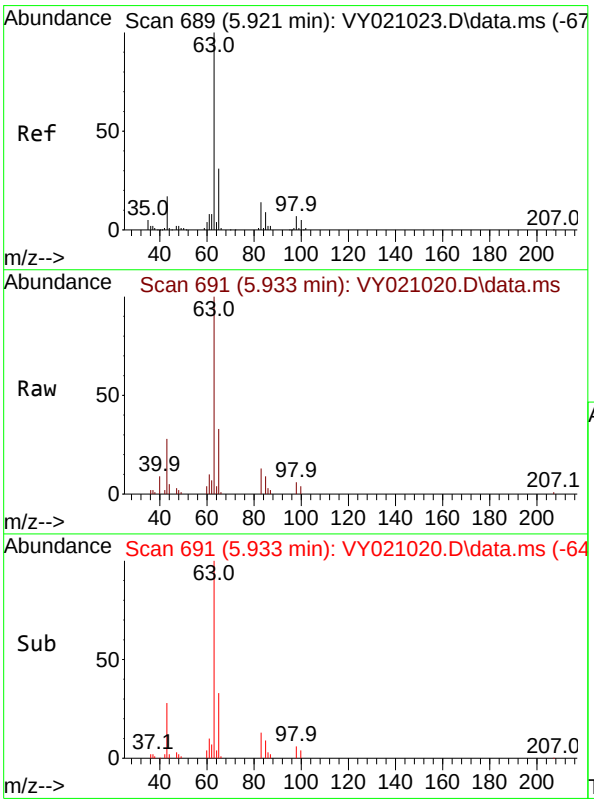
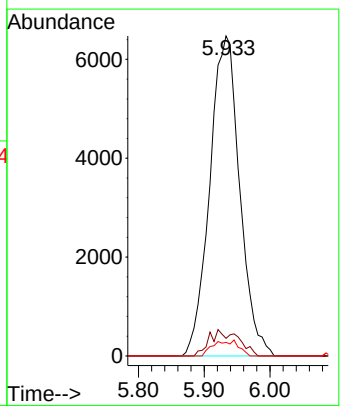


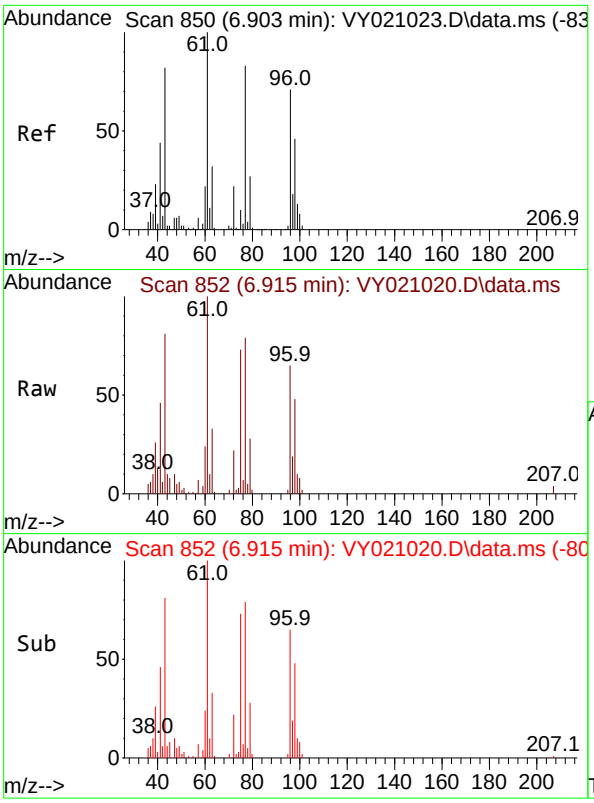


#24
1,1-Dichloroethane
Concen: 7.202 ug/l
RT: 5.933 min Scan# 691
Delta R.T. 0.013 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 63 Resp: 20490

Ion	Ratio	Lower	Upper
63	100		
98	5.5	3.7	11.1
100	4.3	2.4	7.2





#25
2-Butanone
Concen: 34.105 ug/l
RT: 6.915 min Scan# 8
Delta R.T. 0.013 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 43 Resp: 1246

Ion	Ratio	Lower	Upper
43	100		
72	26.7	24.3	36.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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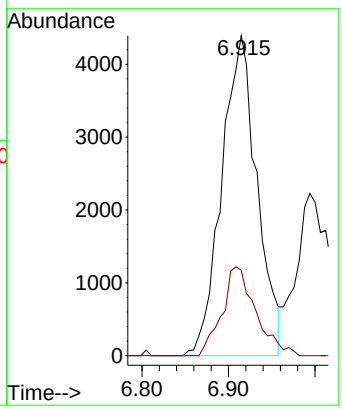
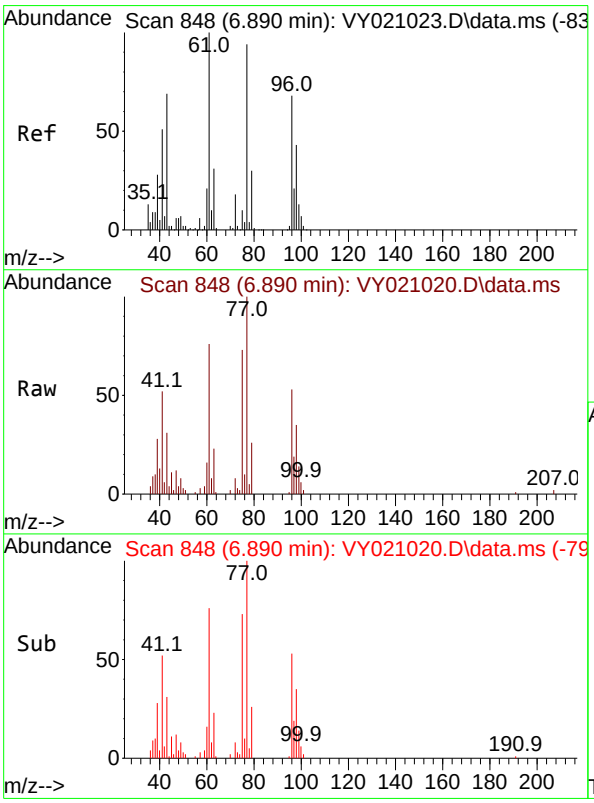
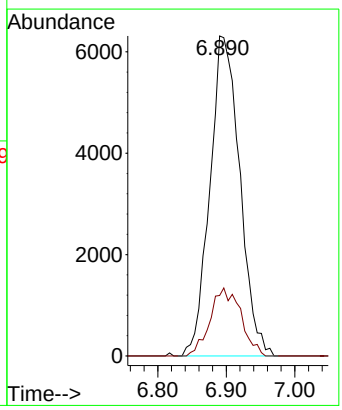


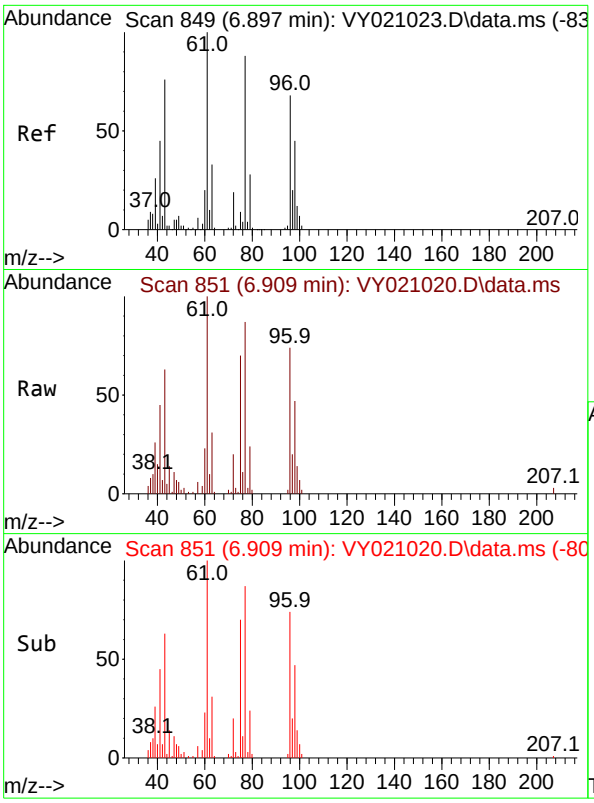


#26
2,2-Dichloropropane
Concen: 6.834 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 77 Resp: 19144

Ion	Ratio	Lower	Upper
77	100		
97	21.9	11.4	34.2

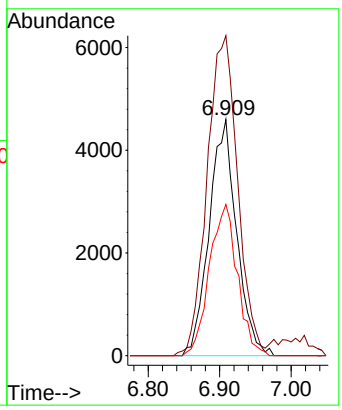




#27
cis-1,2-Dichloroethene
Concen: 6.350 ug/l
RT: 6.909 min Scan# 8
Delta R.T. 0.013 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 96 Resp: 1229

Ion	Ratio	Lower	Upper
96	100		
61	150.2	0.0	274.0
98	65.1	0.0	130.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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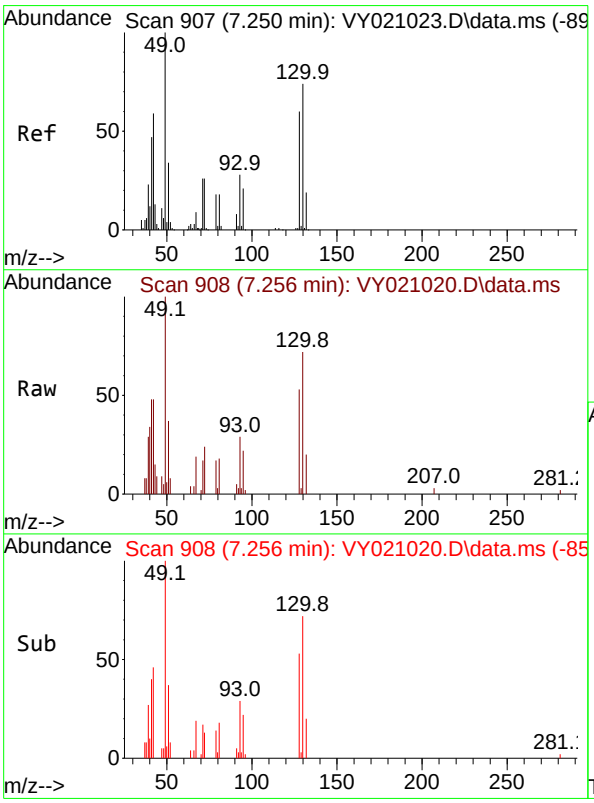
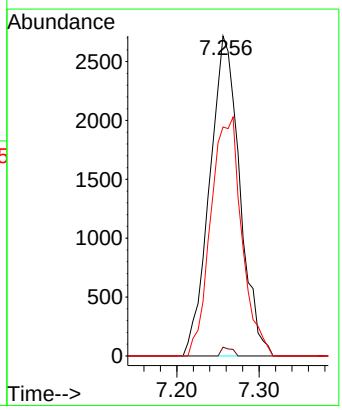
Supervised By :Semsettin Yesilyurt 02/04/2025

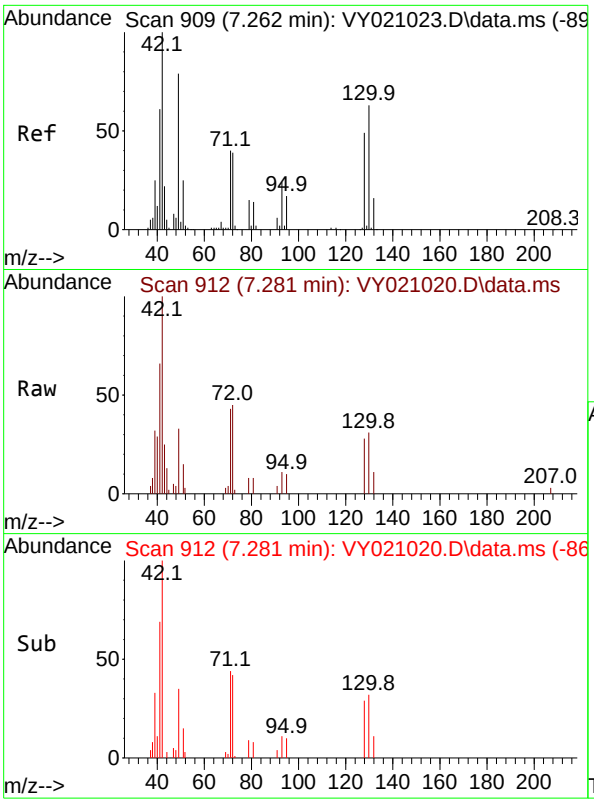


#28
Bromochloromethane
Concen: 6.527 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 49 Resp: 6919

Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	5.0
130	76.6	73.2	109.8

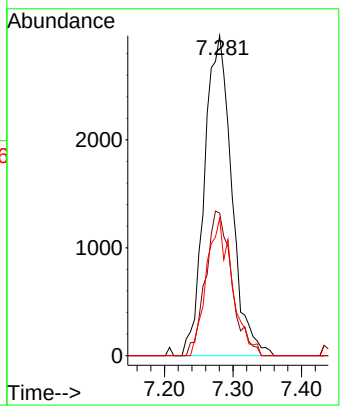




#29
Tetrahydrofuran
Concen: 33.310 ug/l
RT: 7.281 min Scan# 91
Delta R.T. 0.013 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 42 Resp: 819

Ion	Ratio	Lower	Upper
42	100		
72	43.4	39.3	58.9
71	40.6	36.1	54.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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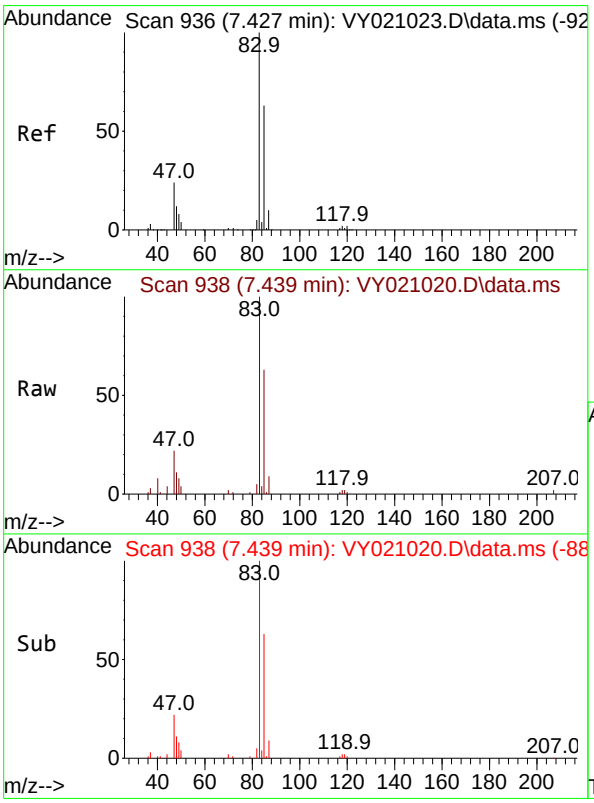
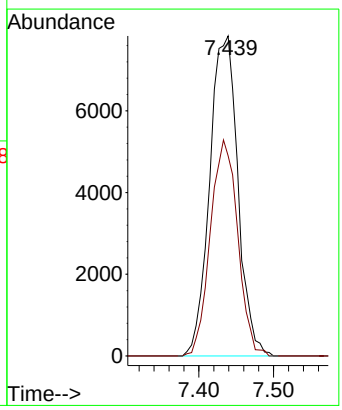
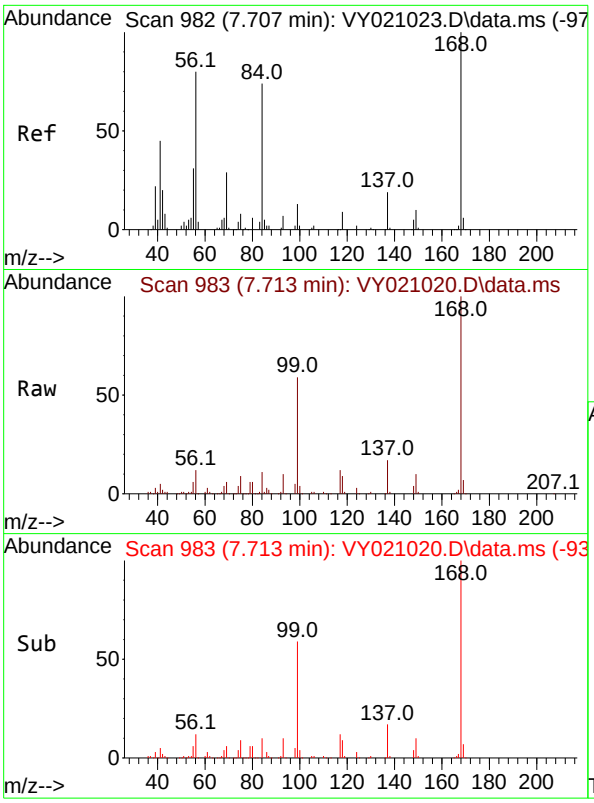


#30
Chloroform
Concen: 6.669 ug/l
RT: 7.439 min Scan# 938
Delta R.T. 0.013 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 83 Resp: 20552

Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.9	79.3

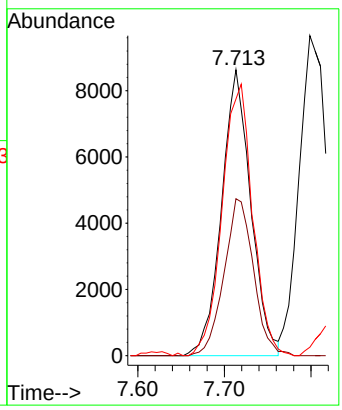




#31
Cyclohexane
Concen: 7.295 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 56 Resp: 2028

Ion	Ratio	Lower	Upper
56	100		
69	54.9	27.7	41.5
84	88.9	77.5	116.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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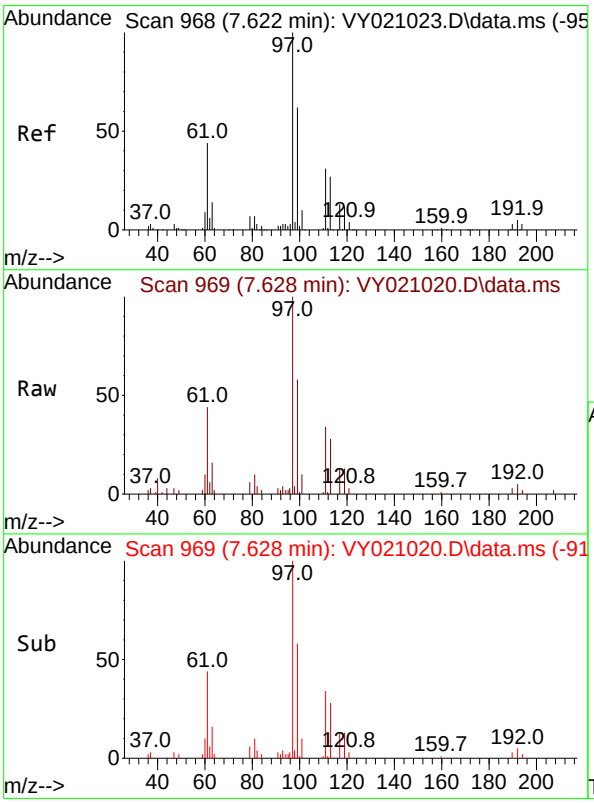
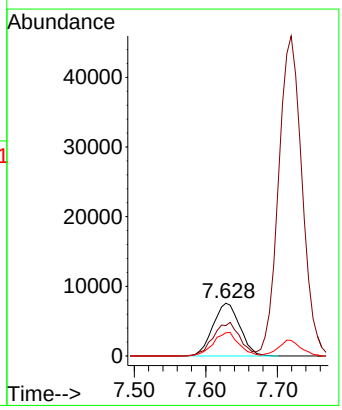
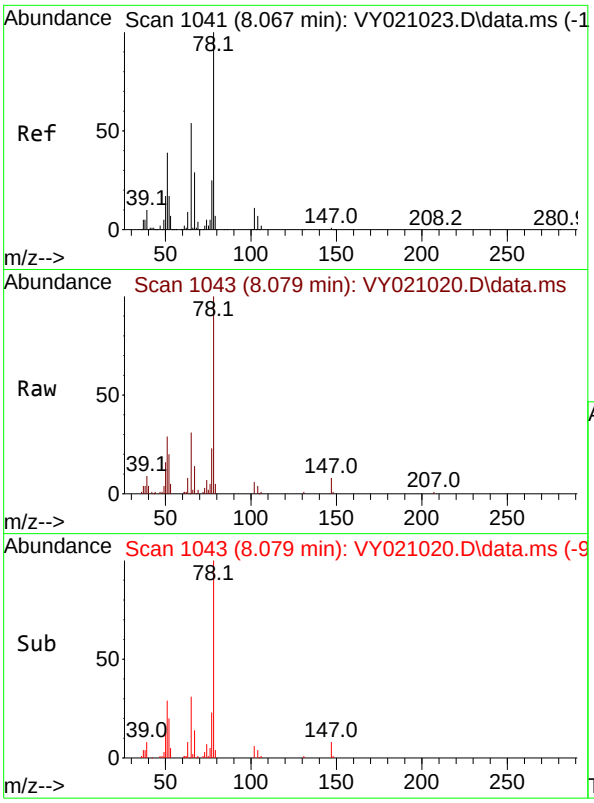


#32
1,1,1-Trichloroethane
Concen: 6.645 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 97 Resp: 19818

Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.4	77.0
61	42.5	31.4	47.0

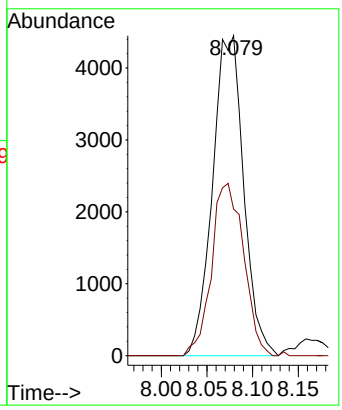




#33
1,2-Dichloroethane-d4
Concen: 6.651 ug/l
RT: 8.079 min Scan# 1
Delta R.T. 0.013 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 65 Resp: 1051

Ion	Ratio	Lower	Upper
65	100		
67	55.5	0.0	104.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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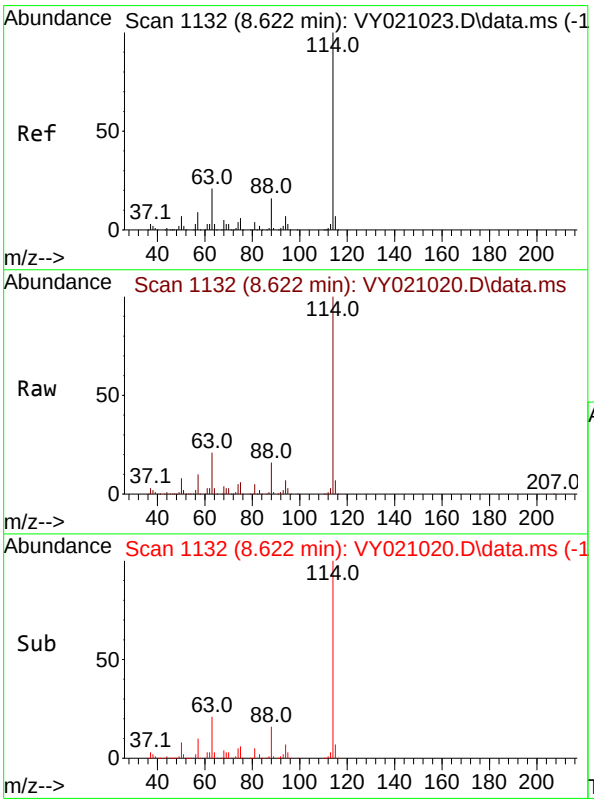
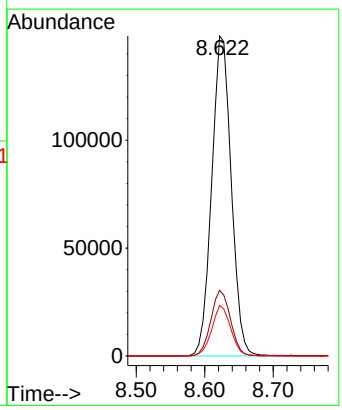
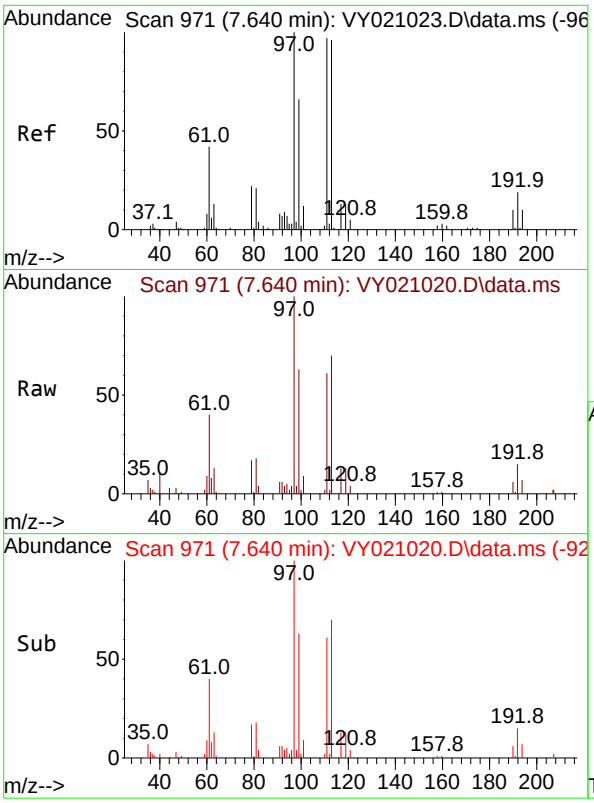


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:114 Resp: 293189

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	37.2
88	15.8	0.0	29.6

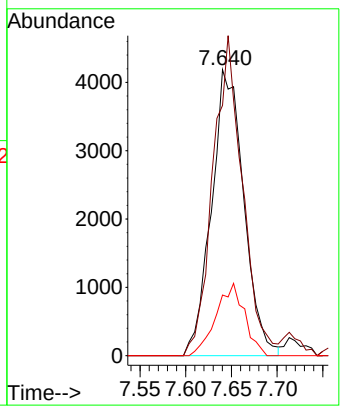




#35
Dibromofluoromethane
Concen: 5.840 ug/l
RT: 7.640 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:113 Resp: 1029

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	123.8
192	22.3	16.8	25.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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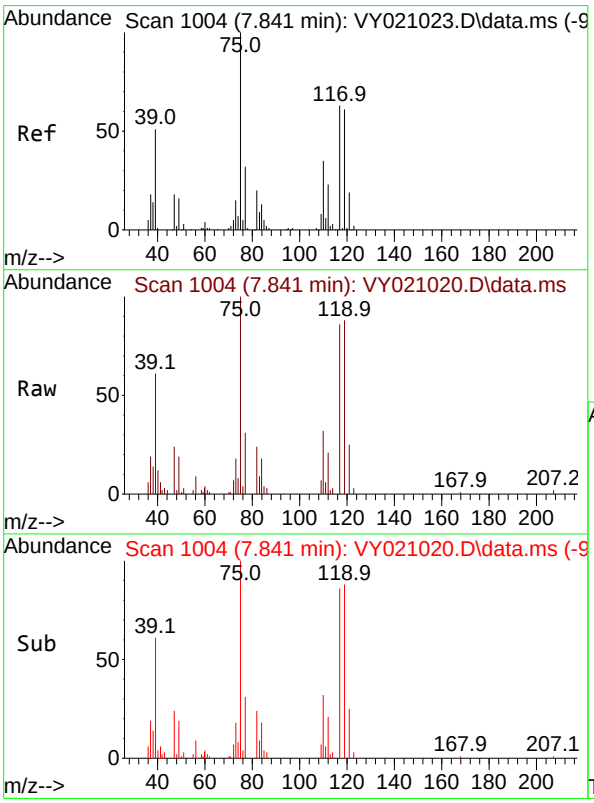
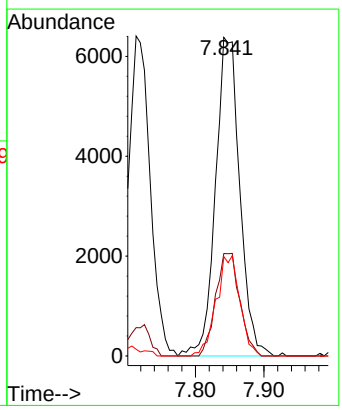
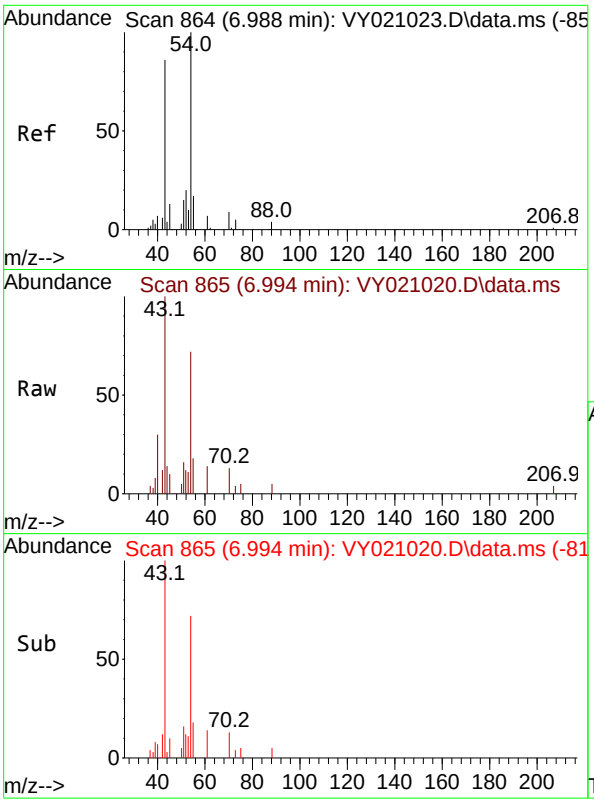


#36
1,1-Dichloropropene
Concen: 6.231 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 75 Resp: 15667

Ion	Ratio	Lower	Upper
75	100		
110	31.9	18.4	55.2
77	30.6	24.9	37.3





#37
Ethyl Acetate
Concen: 6.809 ug/l
RT: 6.994 min Scan# 8
Delta R.T. 0.007 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

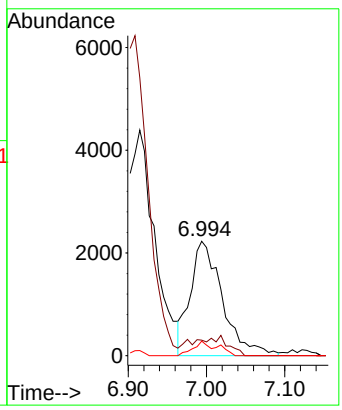
Tgt Ion: 43 Resp: 638

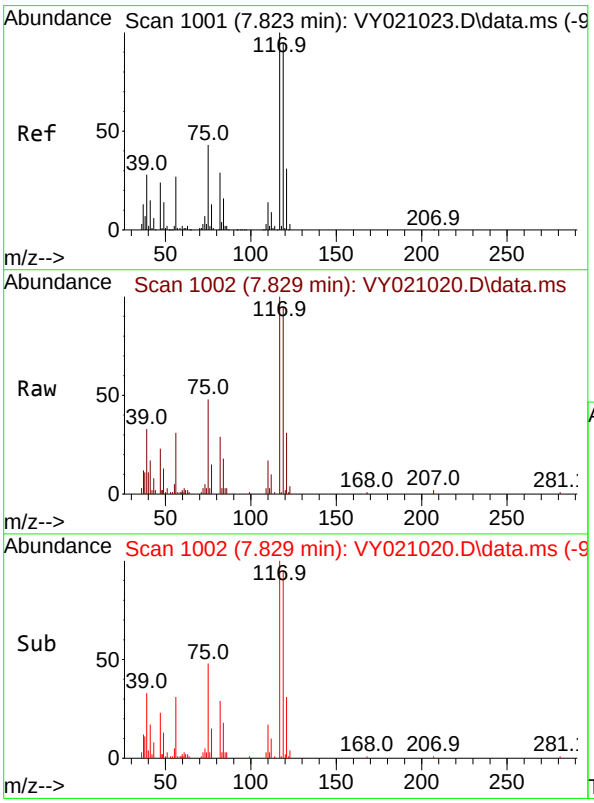
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.4	17.0#
70	6.2	9.6	14.4#

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

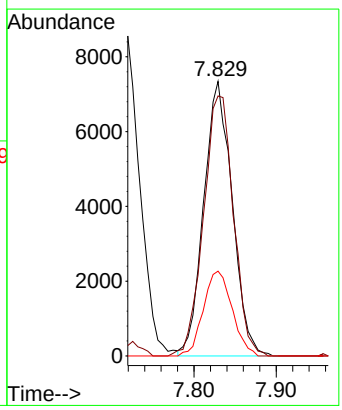


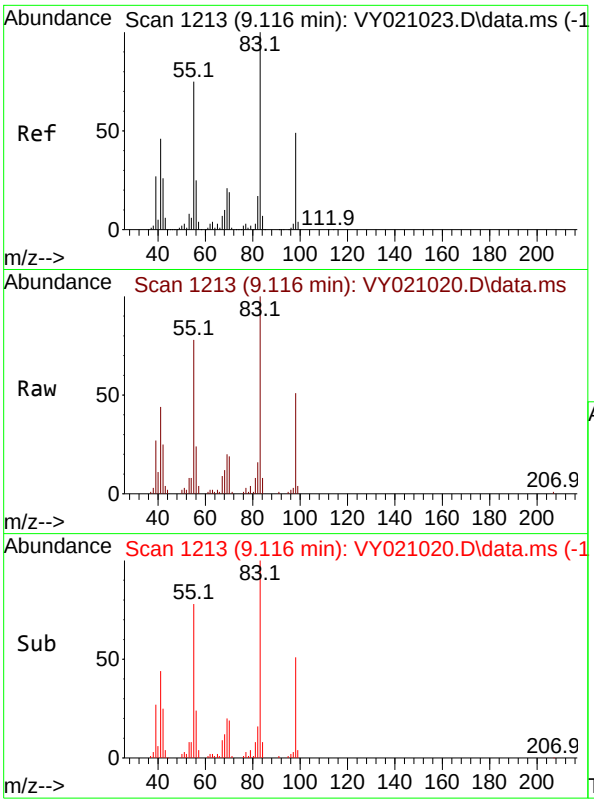


#38
Carbon Tetrachloride
Concen: 5.691 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:117 Resp: 17709

Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.0	112.6
121	30.9	24.2	36.2





#39
Methylcyclohexane
Concen: 5.287 ug/l
RT: 9.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 83 Resp: 1786

Ion	Ratio	Lower	Upper
83	100		
55	77.6	54.9	82.3
98	51.3	40.5	60.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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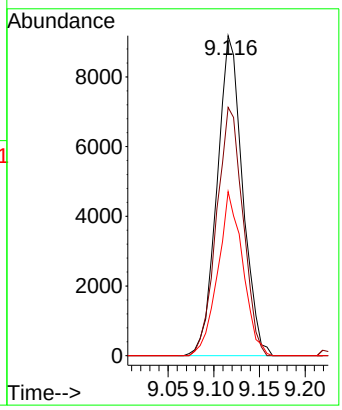
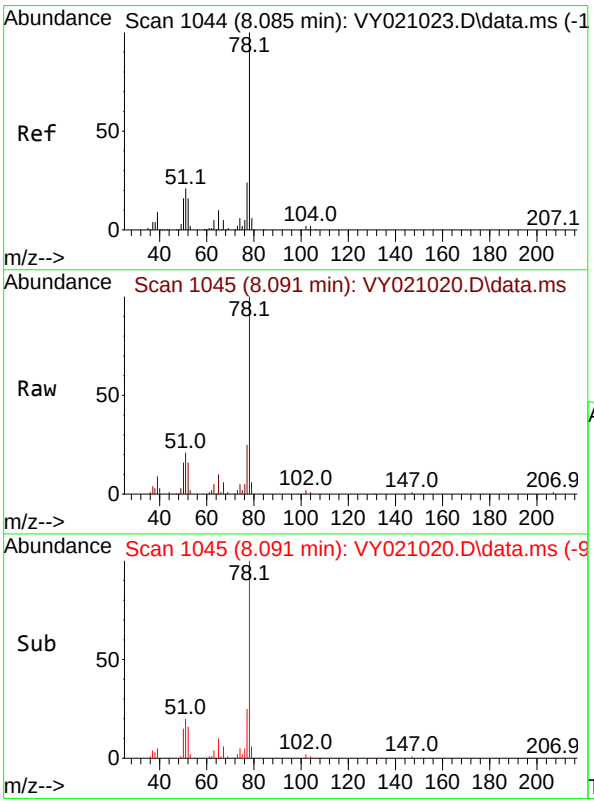
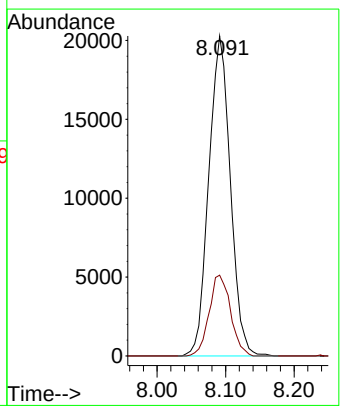


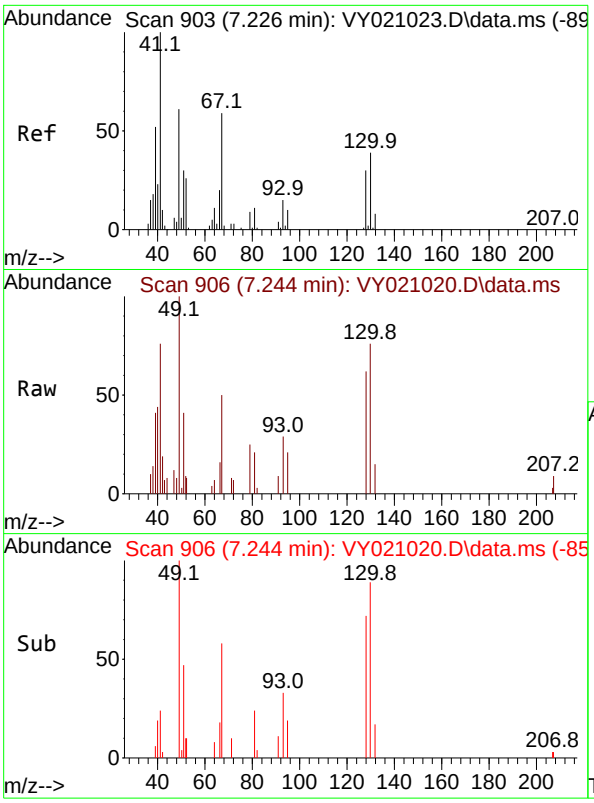


#40
Benzene
Concen: 5.991 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 78 Resp: 44324

Ion	Ratio	Lower	Upper
78	100		
77	25.2	19.4	29.2

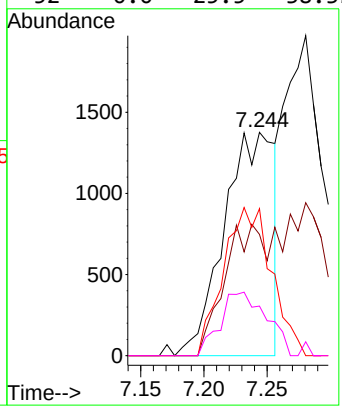




#41
Methacrylonitrile
Concen: 7.345 ug/l m
RT: 7.244 min Scan# 9
Delta R.T. 0.019 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 41 Resp: 381

Ion	Ratio	Lower	Upper
41	100		
39	0.0	41.6	62.4#
67	0.0	63.8	95.6#
52	0.0	25.5	38.3#



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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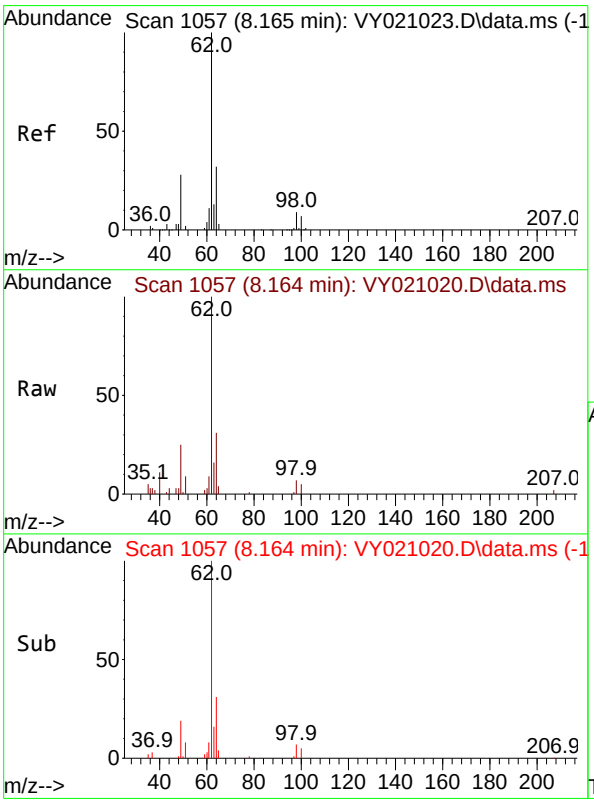
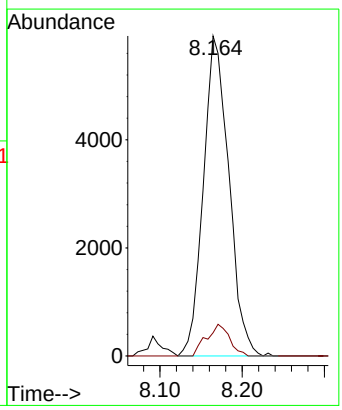
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

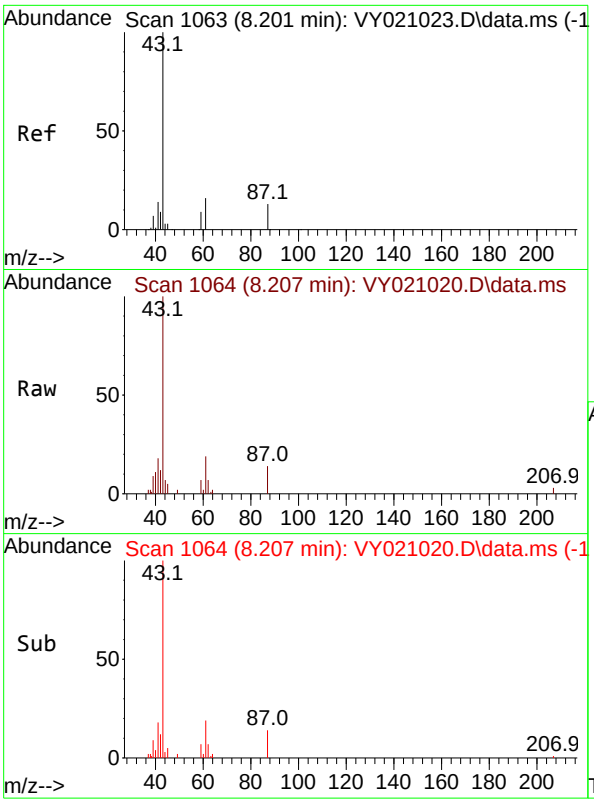


#42
1,2-Dichloroethane
Concen: 6.801 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 62 Resp: 12762

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.4





#43
Isopropyl Acetate
Concen: 6.321 ug/l
RT: 8.207 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 43 Resp: 1183

Ion	Ratio	Lower	Upper
43	100		
61	29.5	15.8	23.6
87	13.3	12.5	18.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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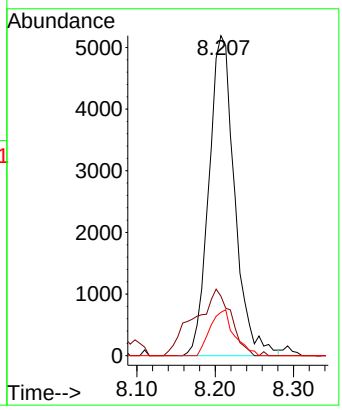
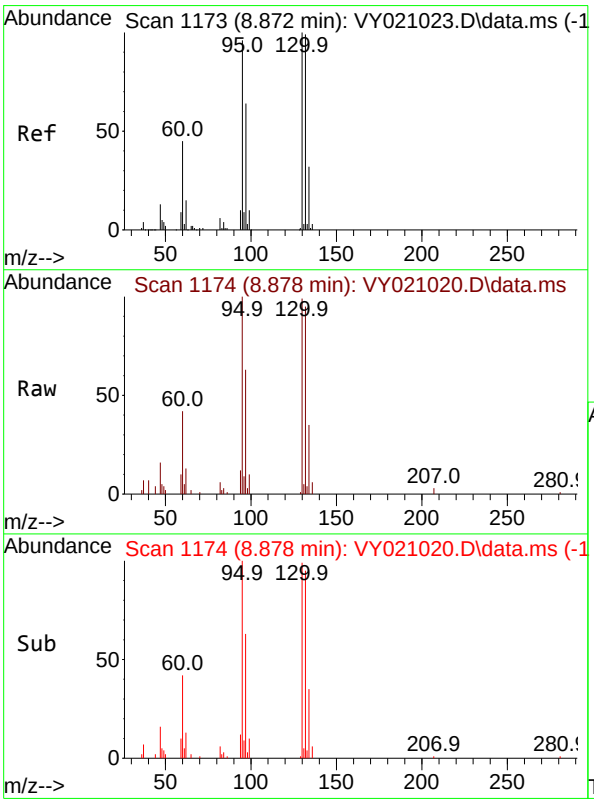
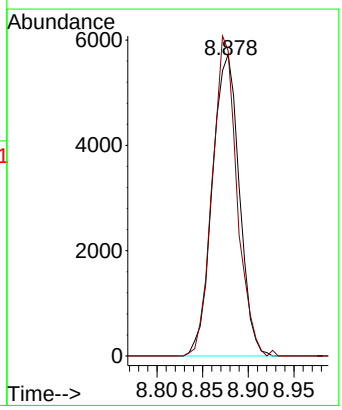


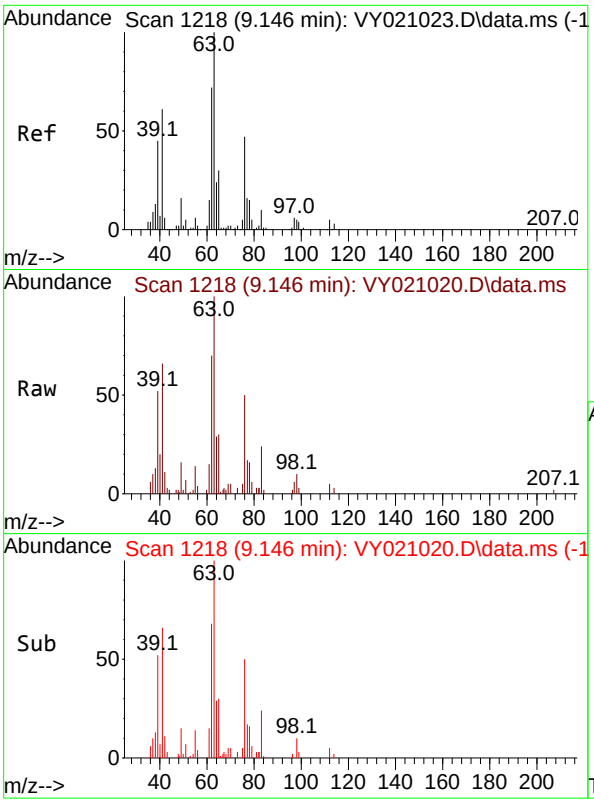


#44
Trichloroethene
Concen: 5.756 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:130 Resp: 11751

Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	189.6

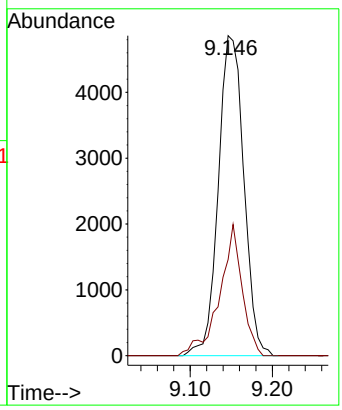




#45
1,2-Dichloropropane
Concen: 6.318 ug/l
RT: 9.146 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 63 Resp: 1047

Ion	Ratio	Lower	Upper
63	100		
65	30.1	23.6	35.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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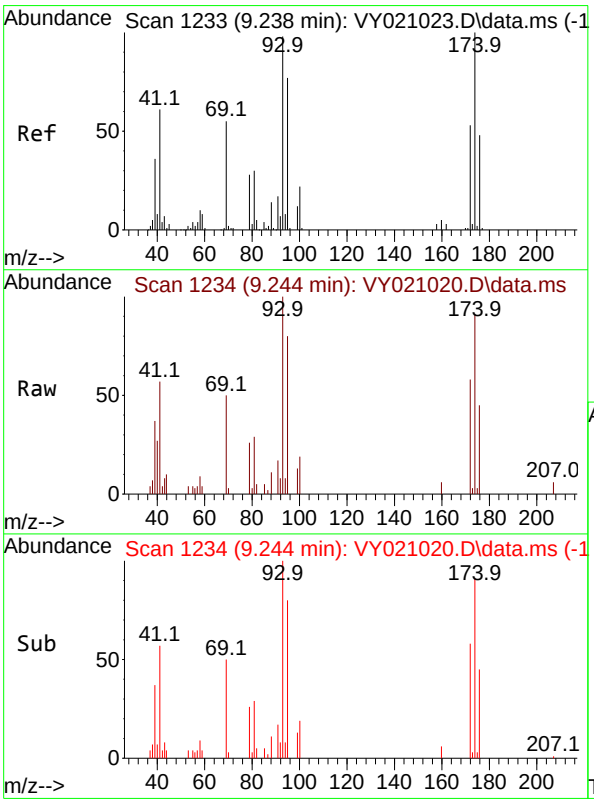
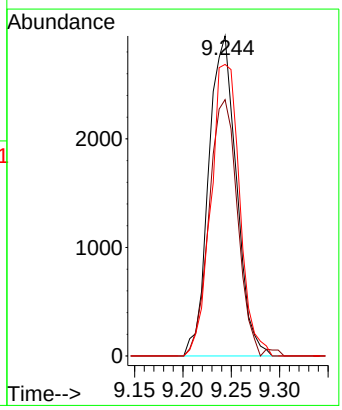
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

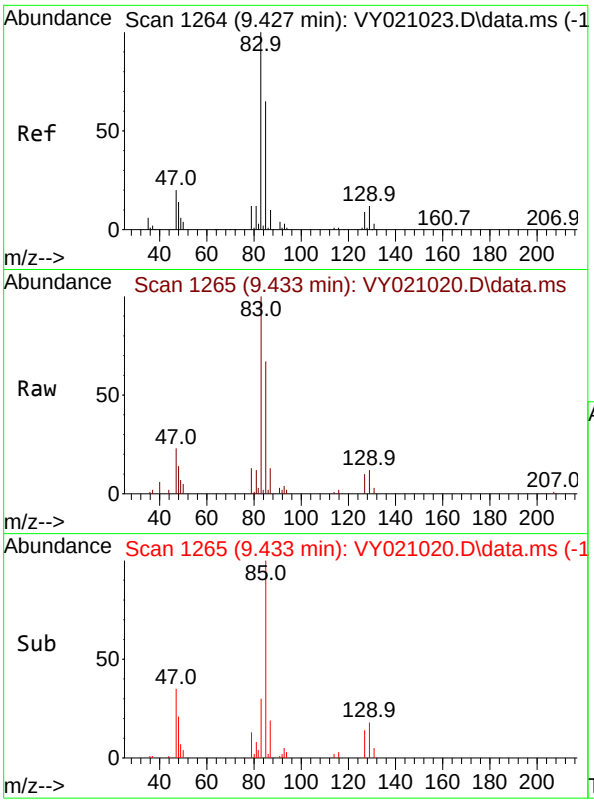


#46
Dibromomethane
Concen: 6.098 ug/l
RT: 9.244 min Scan# 1234
Delta R.T. 0.013 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 93 Resp: 5885

Ion	Ratio	Lower	Upper
93	100		
95	82.6	65.8	98.8
174	94.4	88.1	132.1





#47
Bromodichloromethane
Concen: 6.107 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.007 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

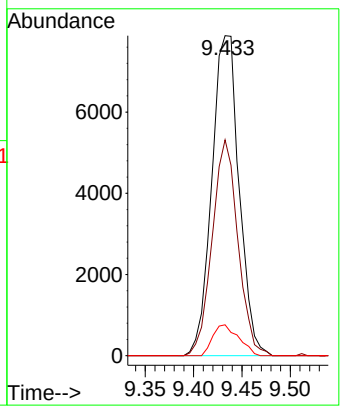
Tgt Ion: 83 Resp: 1547

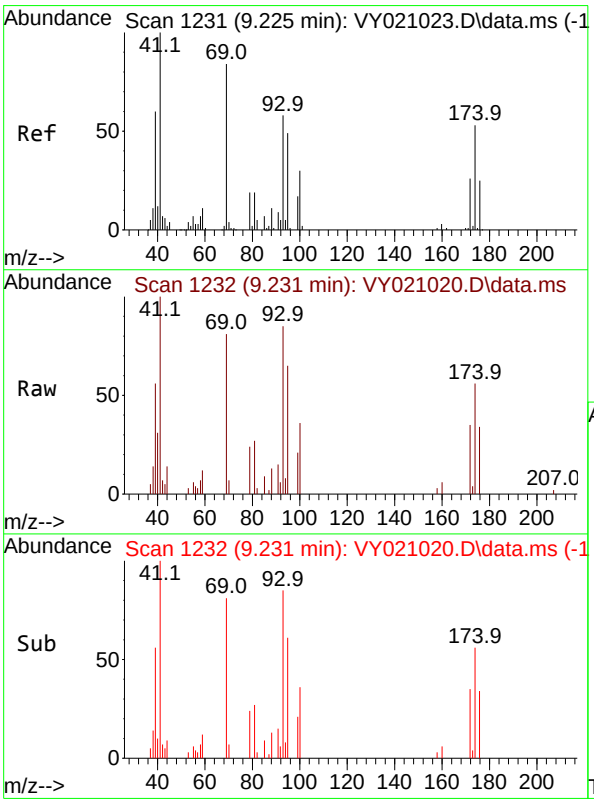
Ion	Ratio	Lower	Upper
83	100		
85	67.5	49.6	74.4
127	9.6	7.1	10.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

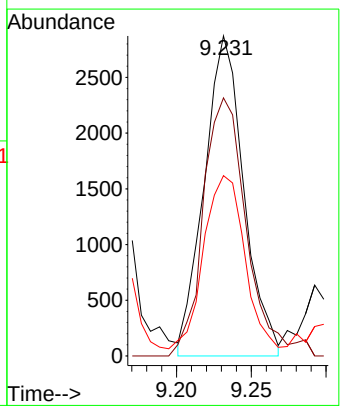


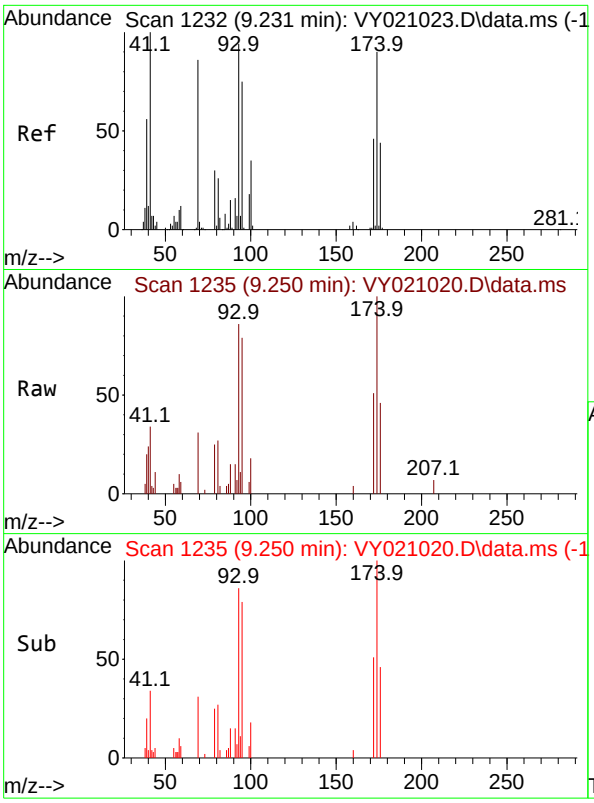


#48
Methyl methacrylate
Concen: 5.922 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 41 Resp: 5280

Ion	Ratio	Lower	Upper
41	100		
69	88.4	75.6	113.4
39	56.6	41.3	61.9





#49
1,4-Dioxane
Concen: 91.663 ug/l
RT: 9.250 min Scan# 1
Delta R.T. 0.013 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 88 Resp: 94

Ion	Ratio	Lower	Upper
88	100		
43	39.6	24.2	36.4
58	73.5	57.3	85.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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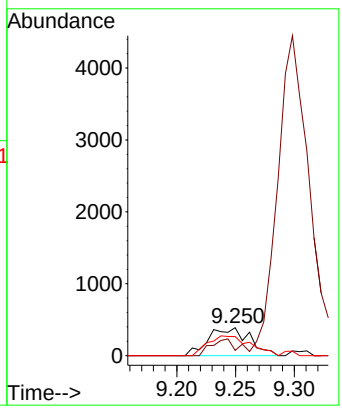
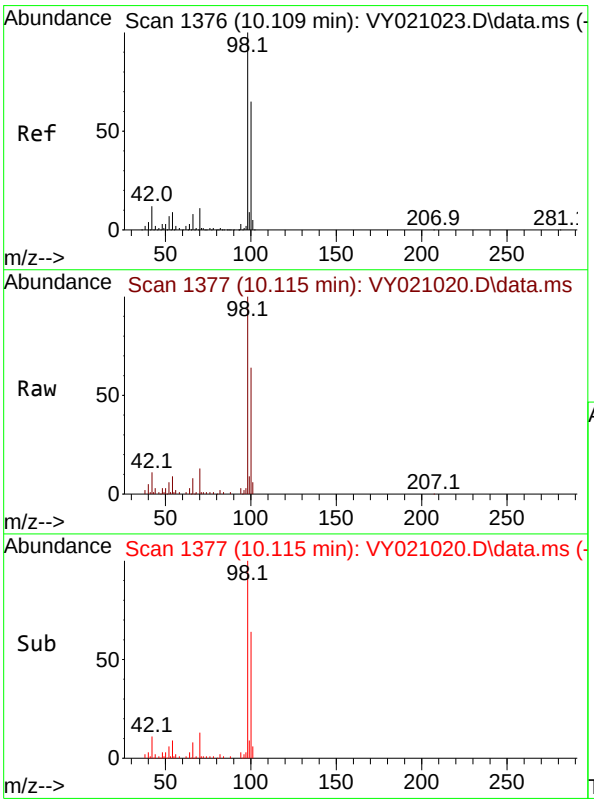
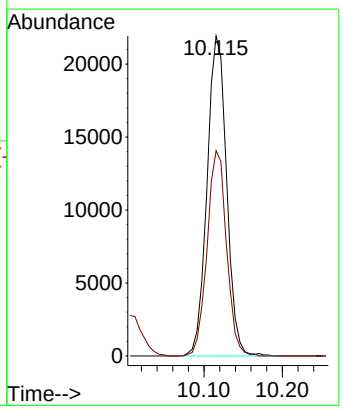


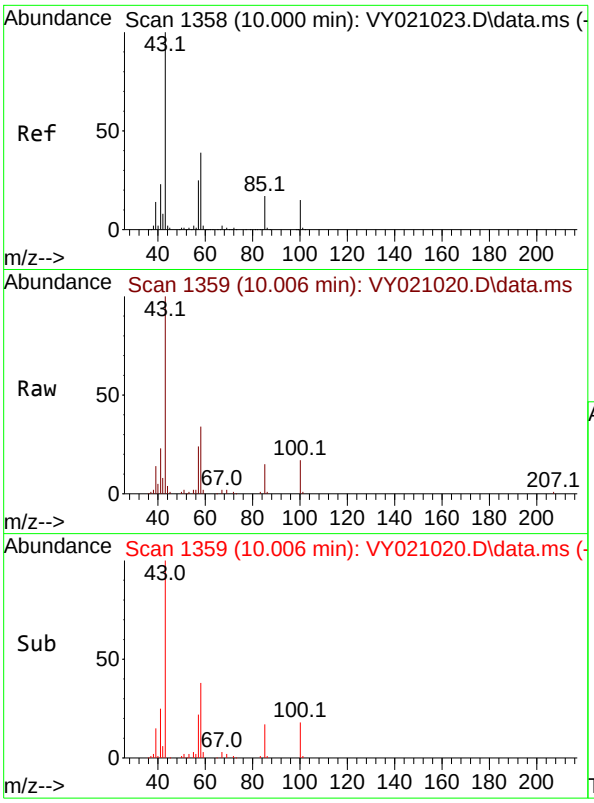


#50
Toluene-d8
Concen: 5.520 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 98 Resp: 37973

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.6	79.0

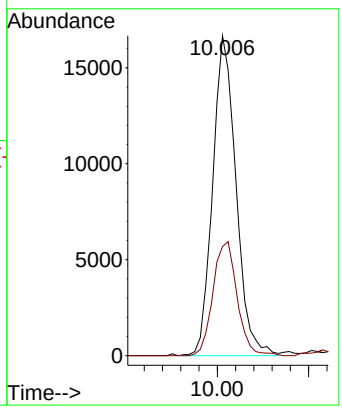




#51
4-Methyl-2-Pentanone
Concen: 30.730 ug/l
RT: 10.006 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 43 Resp: 2957

Ion	Ratio	Lower	Upper
43	100		
58	36.9	33.8	50.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

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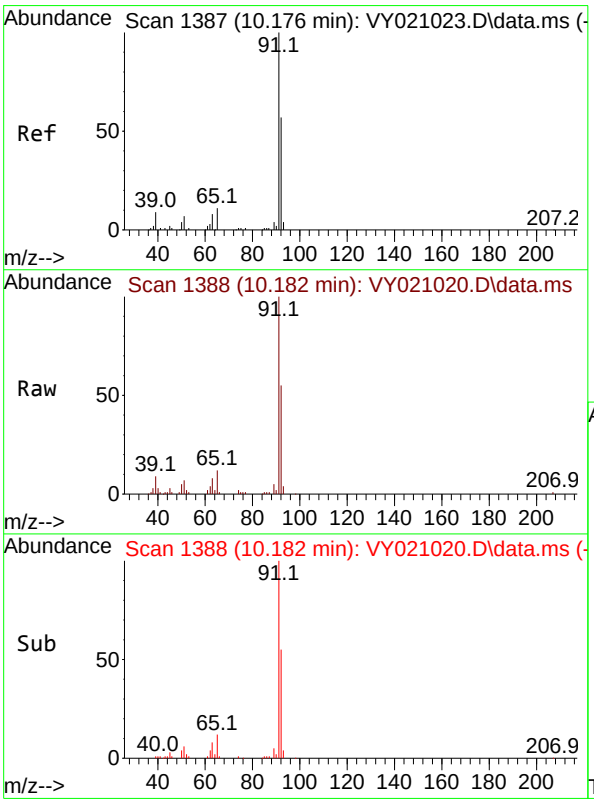
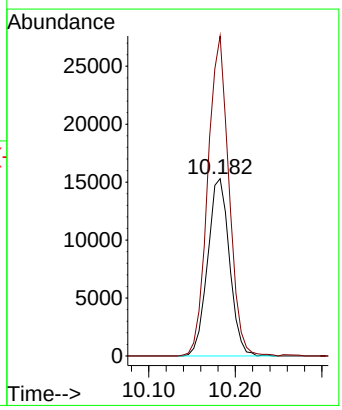
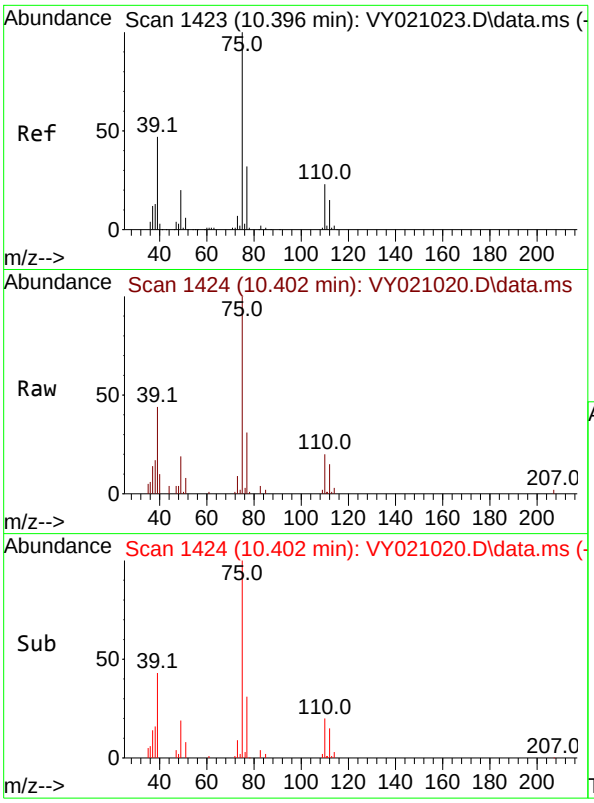


#52
Toluene
Concen: 5.572 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.007 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 92 Resp: 26760

Ion	Ratio	Lower	Upper
92	100		
91	174.8	135.8	203.8

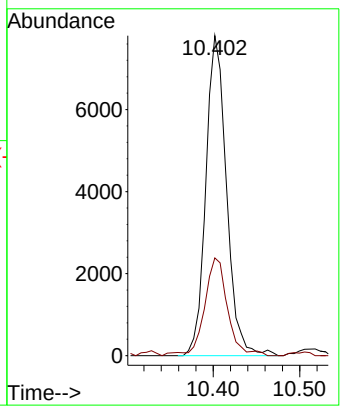




#53
t-1,3-Dichloropropene
Concen: 5.639 ug/l
RT: 10.402 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 75 Resp: 1293

Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.9	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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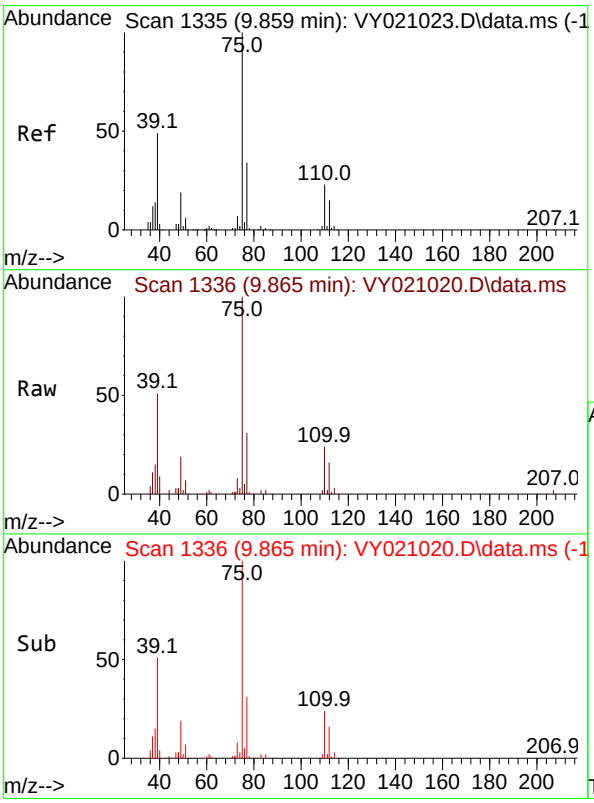
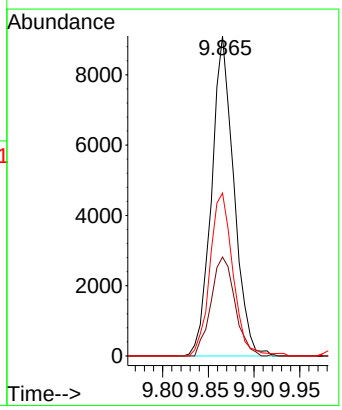
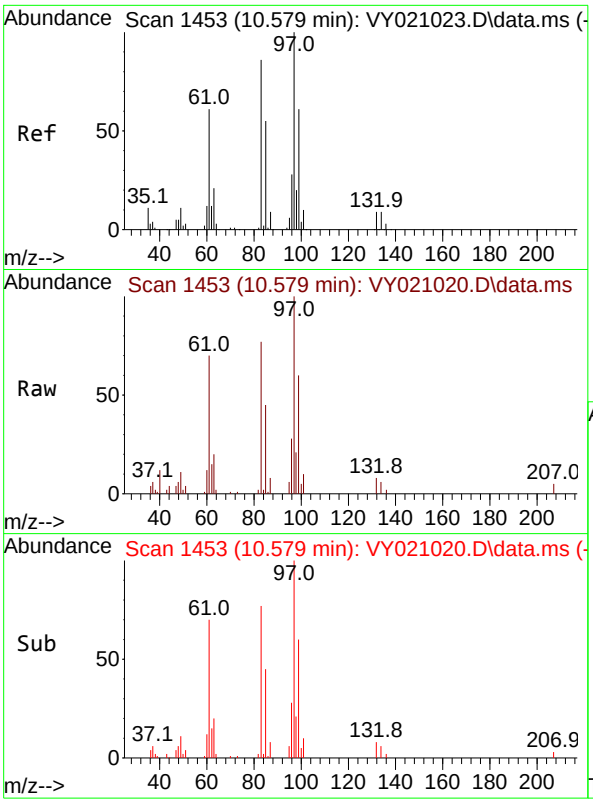


#54
cis-1,3-Dichloropropene
Concen: 5.650 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 75 Resp: 15488

Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.4	38.0
39	50.9	32.2	48.2#

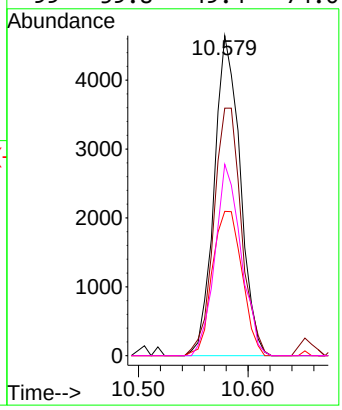




#55
1,1,2-Trichloroethane
Concen: 5.961 ug/l
RT: 10.579 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 97 Resp: 765

Ion	Ratio	Lower	Upper
97	100		
83	77.3	67.7	101.5
85	45.1	43.4	65.2
99	59.8	49.4	74.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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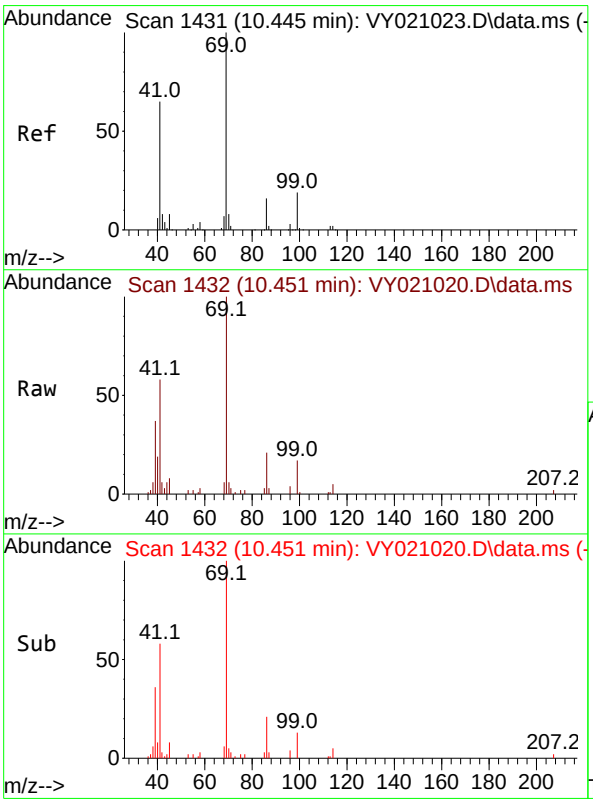
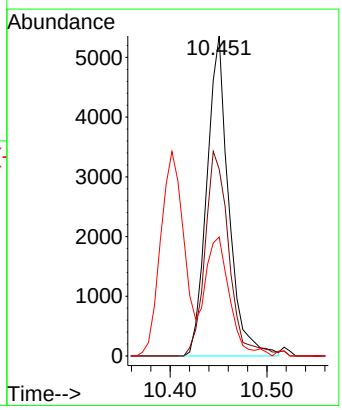
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

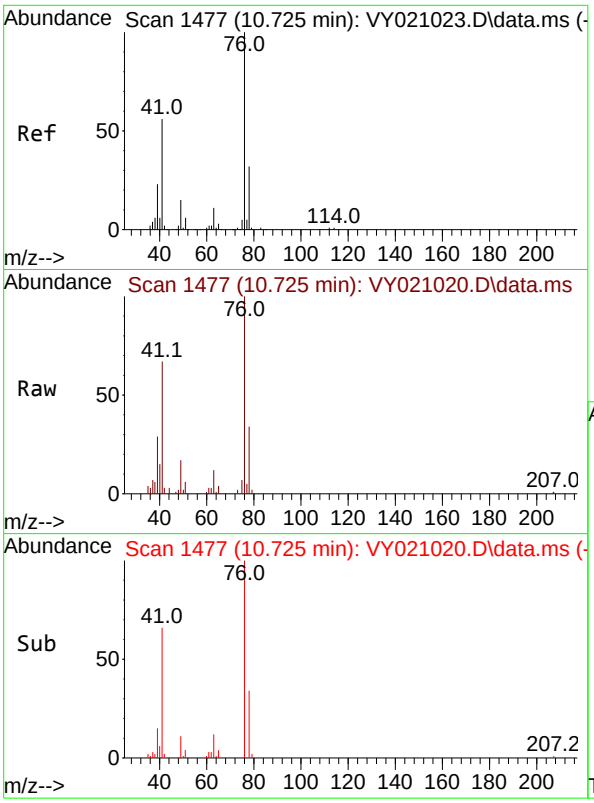


#56
Ethyl methacrylate
Concen: 5.018 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 69 Resp: 8418

Ion	Ratio	Lower	Upper
69	100		
41	70.1	46.3	69.5#
39	41.3	24.5	36.7#

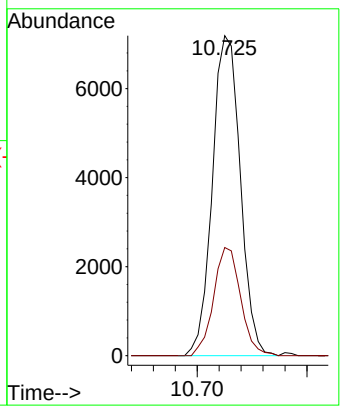




#57
1,3-Dichloropropane
Concen: 5.845 ug/l
RT: 10.725 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 76 Resp: 1271

Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.8	38.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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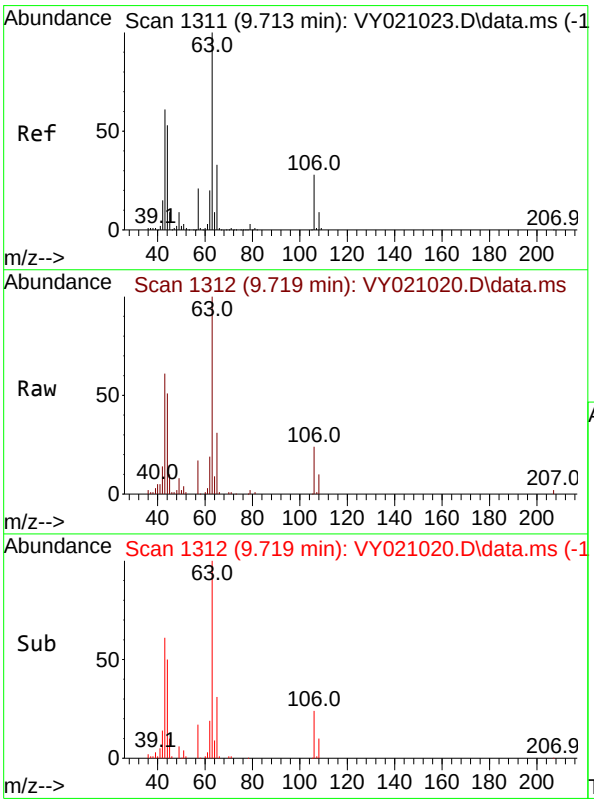
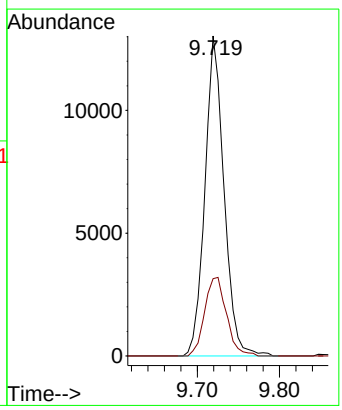
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

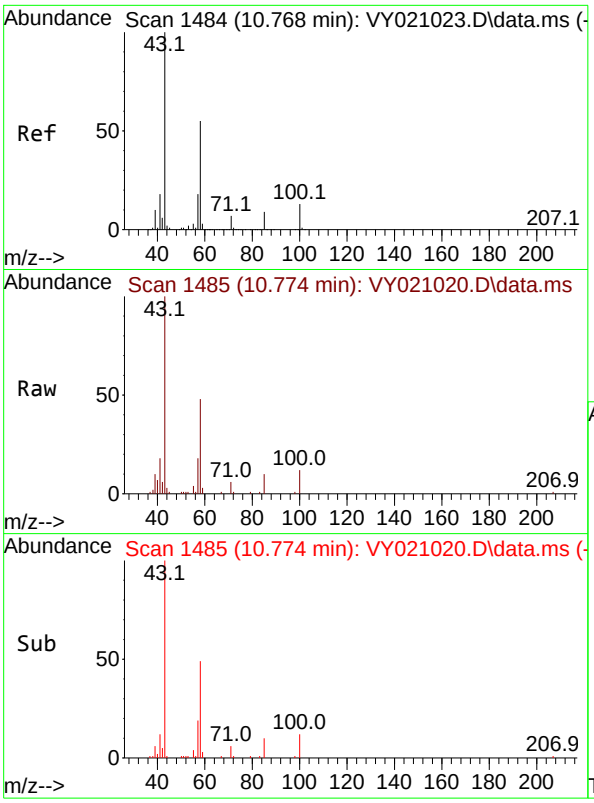


#58
2-Chloroethyl Vinyl ether
Concen: 29.542 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.007 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 63 Resp: 21035

Ion	Ratio	Lower	Upper
63	100		
106	28.1	24.7	37.1

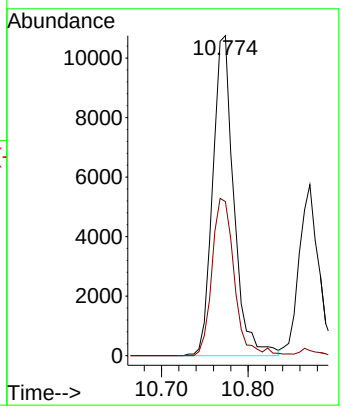




#59
2-Hexanone
Concen: 29.030 ug/l
RT: 10.774 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 43 Resp: 1815

Ion	Ratio	Lower	Upper
43	100		
58	51.9	29.8	89.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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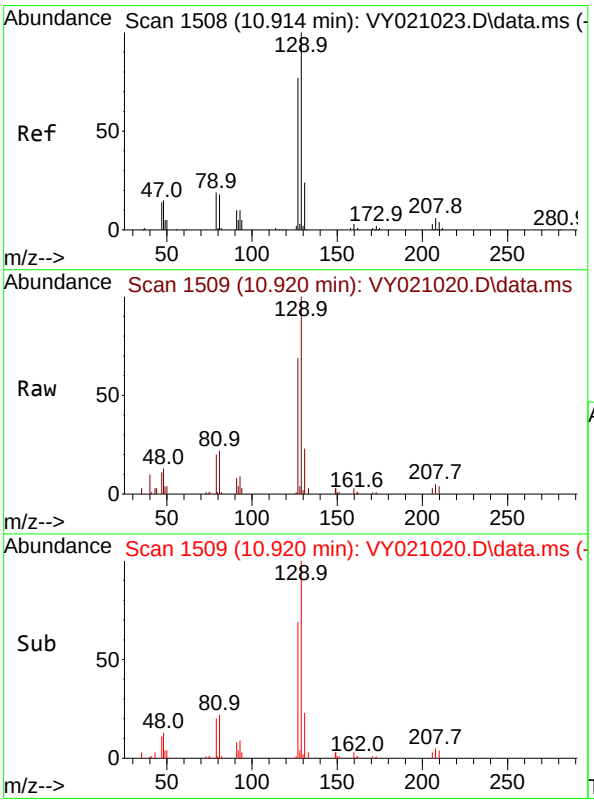
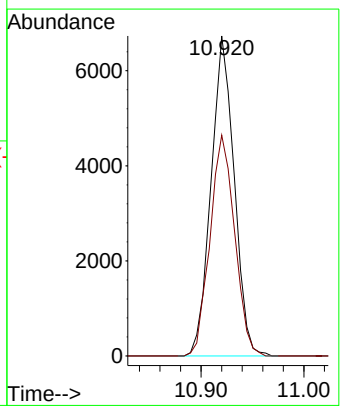
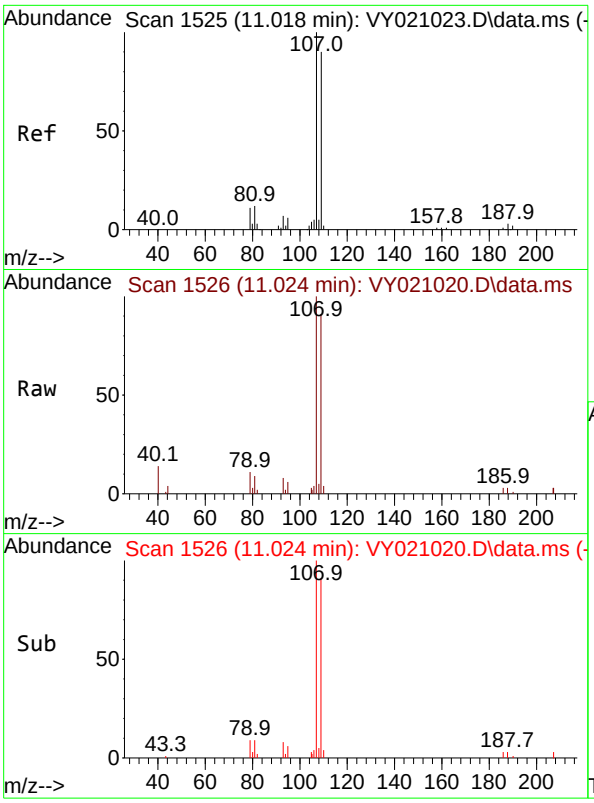


#60
Dibromochloromethane
Concen: 5.744 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:129 Resp: 10511

Ion	Ratio	Lower	Upper
129	100		
127	73.5	38.5	115.3

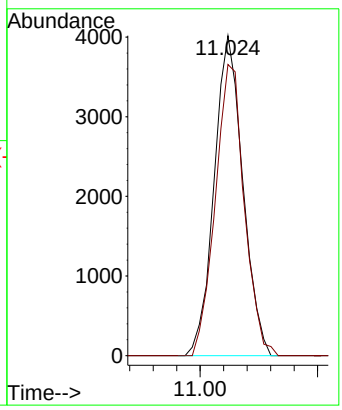




#61
1,2-Dibromoethane
Concen: 5.555 ug/l
RT: 11.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:107 Resp: 681

Ion	Ratio	Lower	Upper
107	100		
109	91.9	76.6	114.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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Reviewed By :Mahesh Dadoda 02/04/2025
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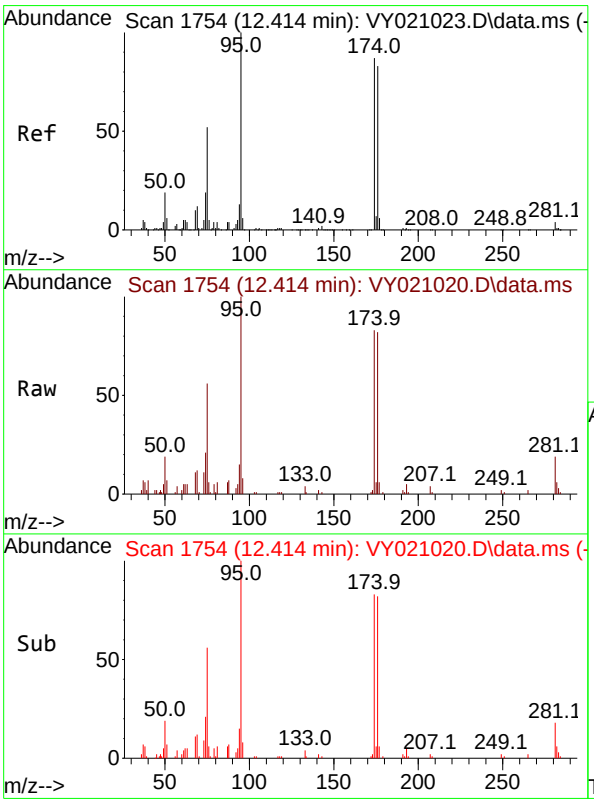
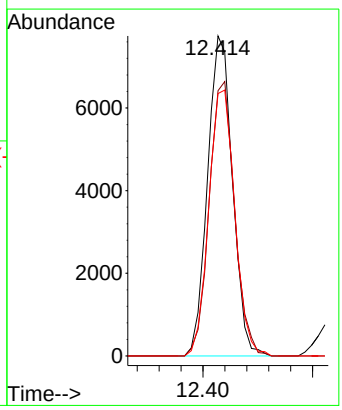
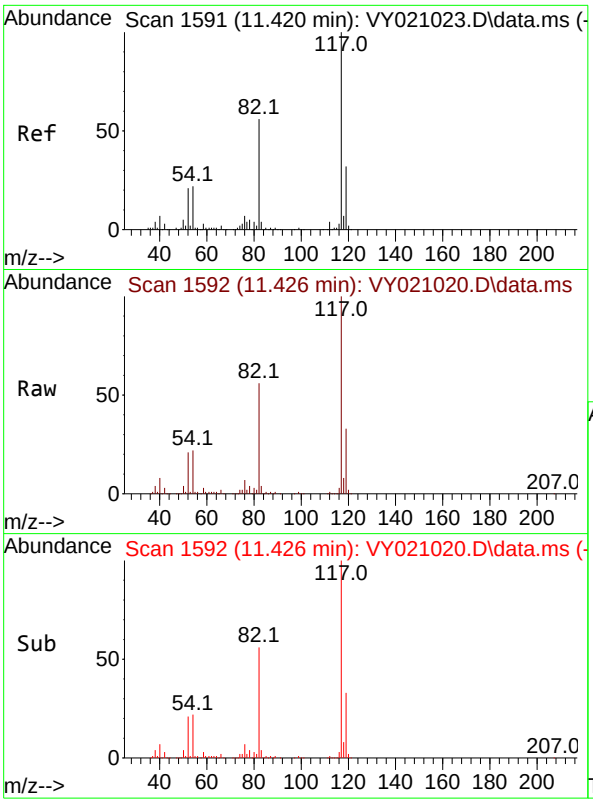


#62
4-Bromofluorobenzene
Concen: 5.301 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 95 Resp: 12237

Ion	Ratio	Lower	Upper
95	100		
174	87.1	0.0	181.2
176	86.6	0.0	175.2

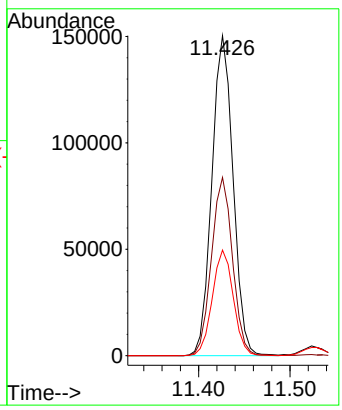




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:117 Resp: 24225

Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.2	66.2
119	33.0	25.9	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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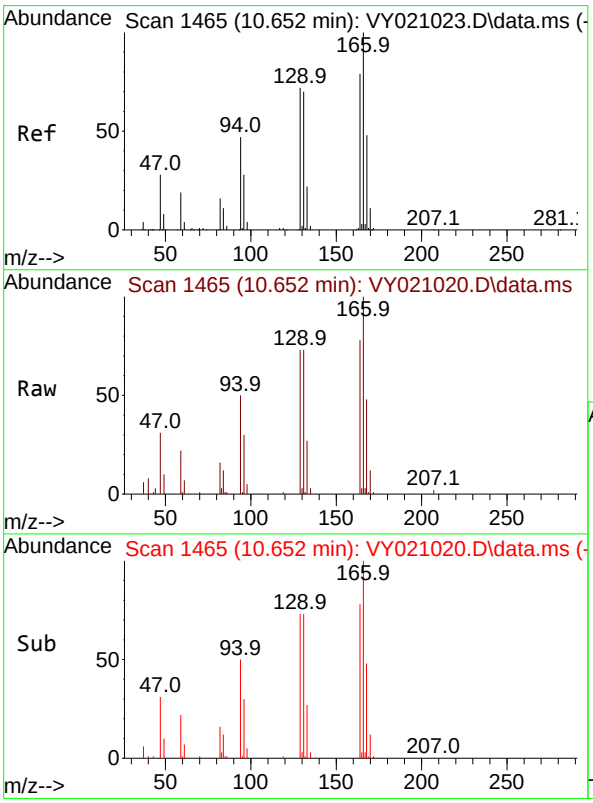
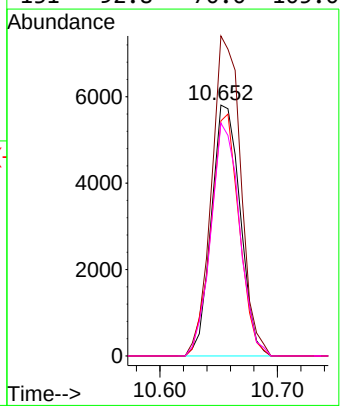
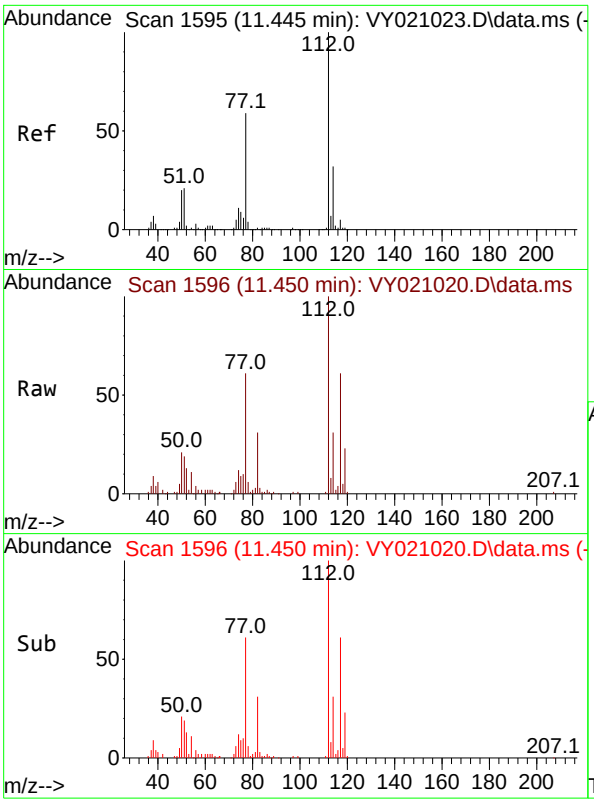


#64
Tetrachloroethene
Concen: 5.426 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:164 Resp: 9915

Ion	Ratio	Lower	Upper
164	100		
166	127.6	100.4	150.6
129	93.7	70.8	106.2
131	92.8	70.0	105.0





#65
Chlorobenzene
Concen: 5.872 ug/l
RT: 11.450 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:112 Resp: 2997

Ion	Ratio	Lower	Upper
112	100		
114	30.8	24.6	37.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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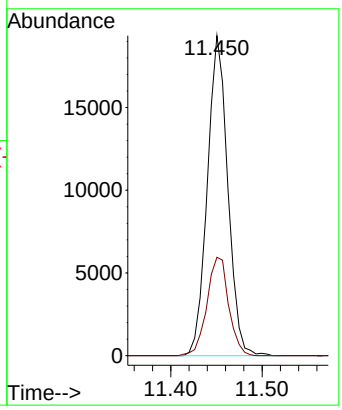
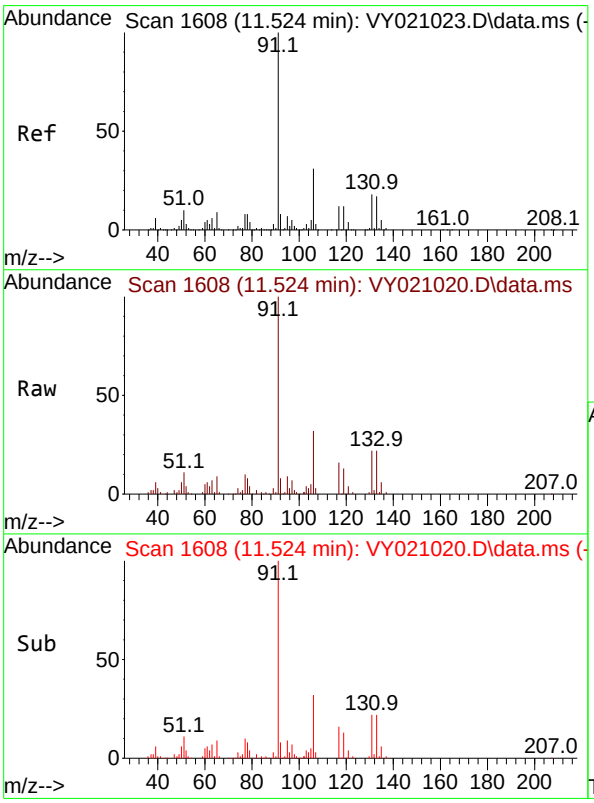
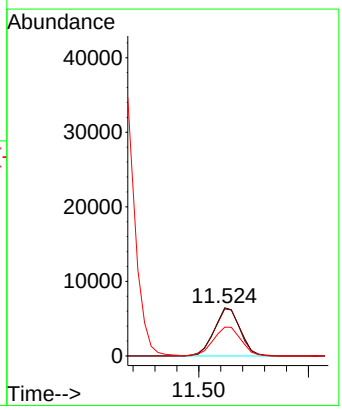


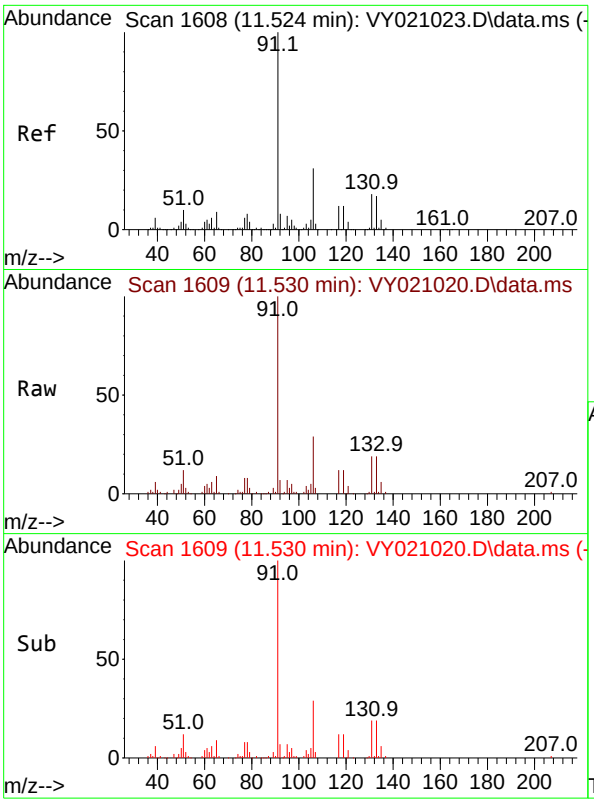


#66
1,1,1,2-Tetrachloroethane
Concen: 5.810 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:131 Resp: 10524

Ion	Ratio	Lower	Upper
131	100		
133	99.6	48.7	146.1
119	64.8	31.4	94.3





#67
Ethyl Benzene
Concen: 5.760 ug/l
RT: 11.530 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 91 Resp: 5090

Ion	Ratio	Lower	Upper
91	100		
106	29.4	24.9	37.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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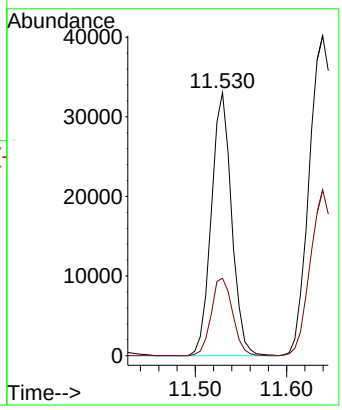
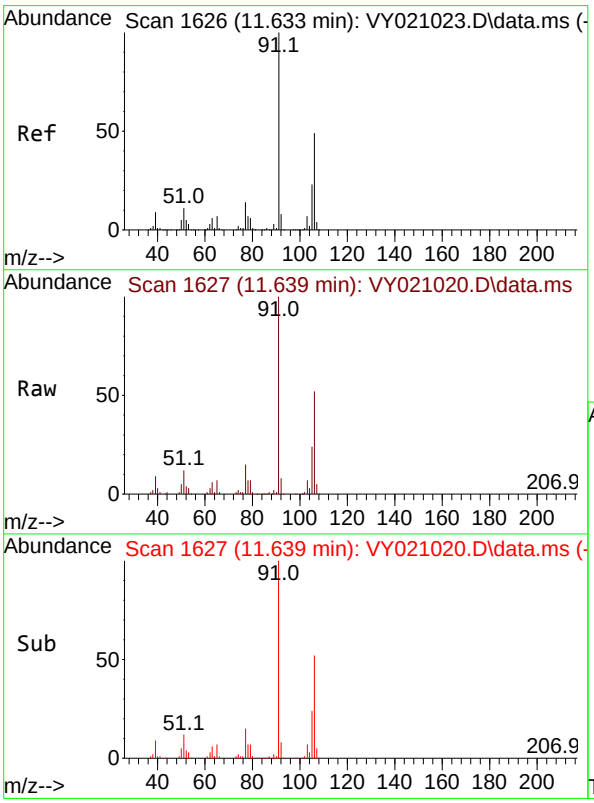
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

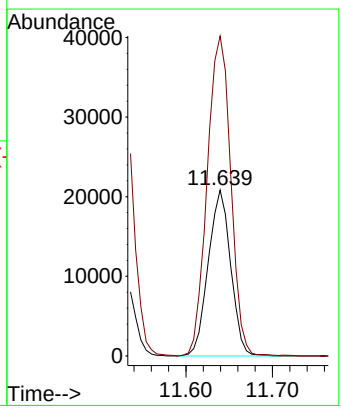


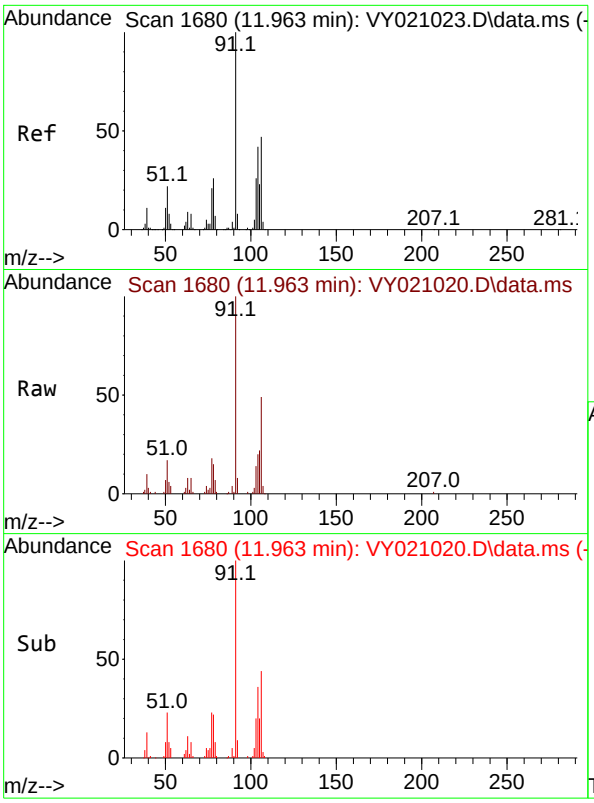


#68
m/p-Xylenes
Concen: 11.015 ug/l
RT: 11.639 min Scan# 1627
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:106 Resp: 37399

Ion	Ratio	Lower	Upper
106	100		
91	203.1	160.0	240.0





#69
o-Xylene
Concen: 5.550 ug/l
RT: 11.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:106 Resp: 1751

Ion	Ratio	Lower	Upper
106	100		
91	212.9	105.8	317.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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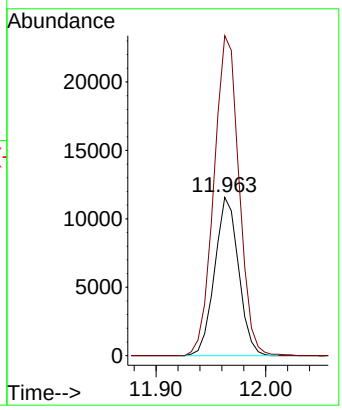
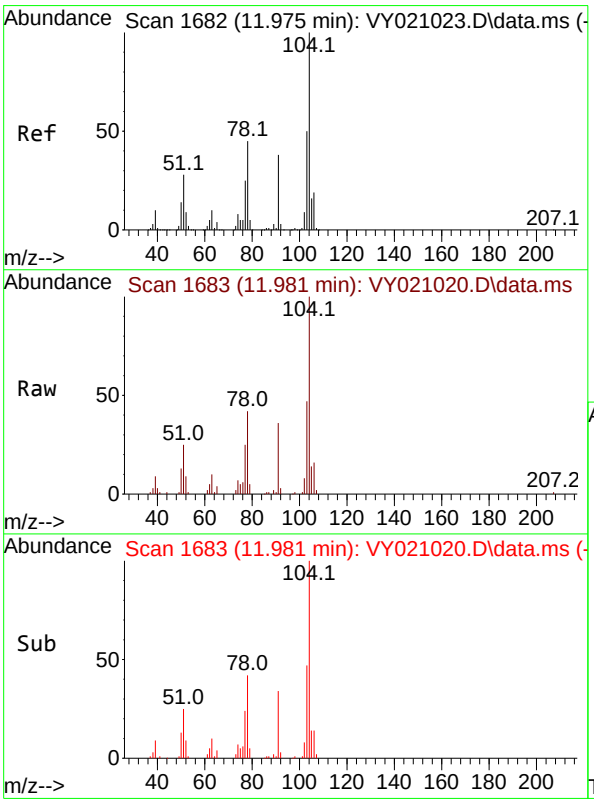
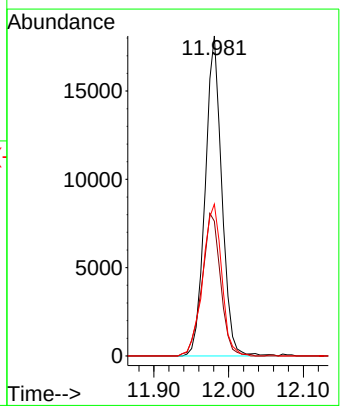


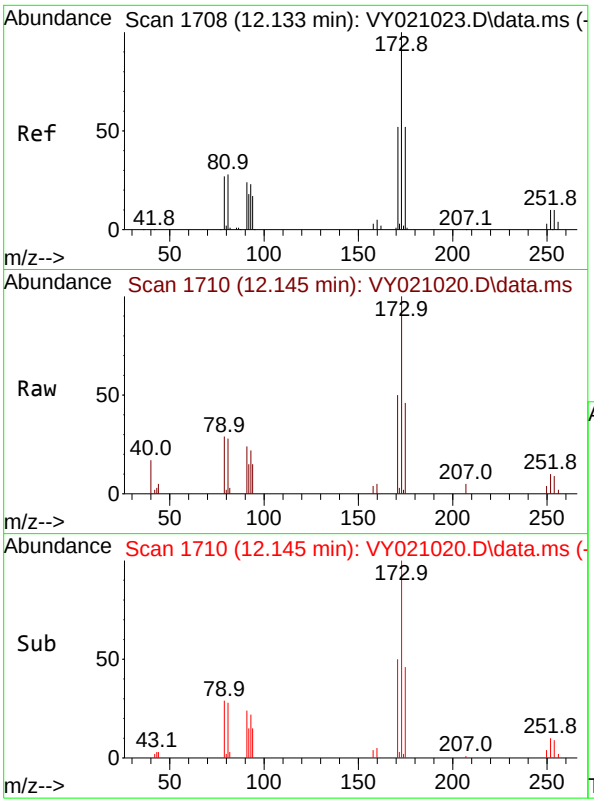


#70
Styrene
Concen: 5.333 ug/l
RT: 11.981 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:104 Resp: 27946

Ion	Ratio	Lower	Upper
104	100		
78	49.7	39.0	58.4
103	54.1	43.7	65.5

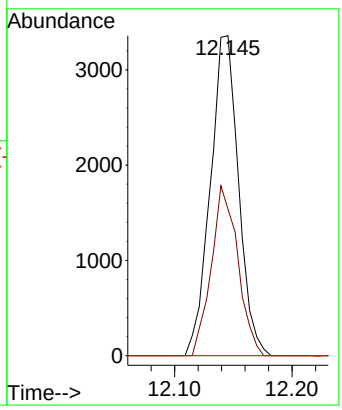




#71
Bromoform
Concen: 5.252 ug/l
RT: 12.145 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:173 Resp: 560

Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.1	72.2
254	0.0	0.0	0.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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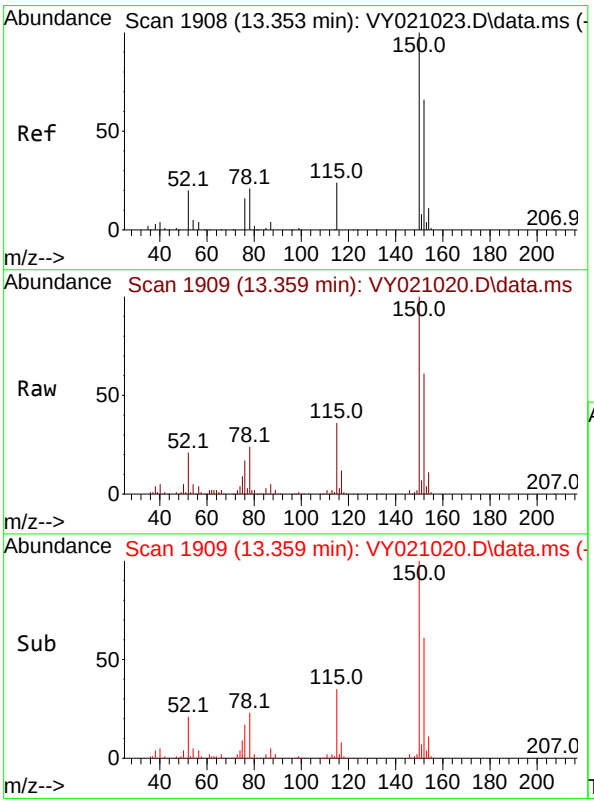
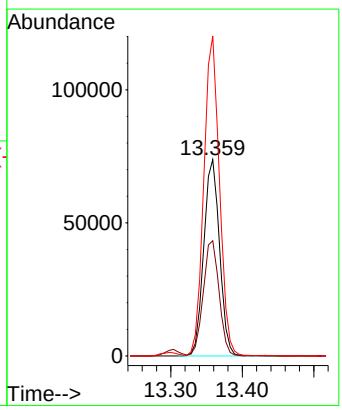
Supervised By :Semsettin Yesilyurt 02/04/2025

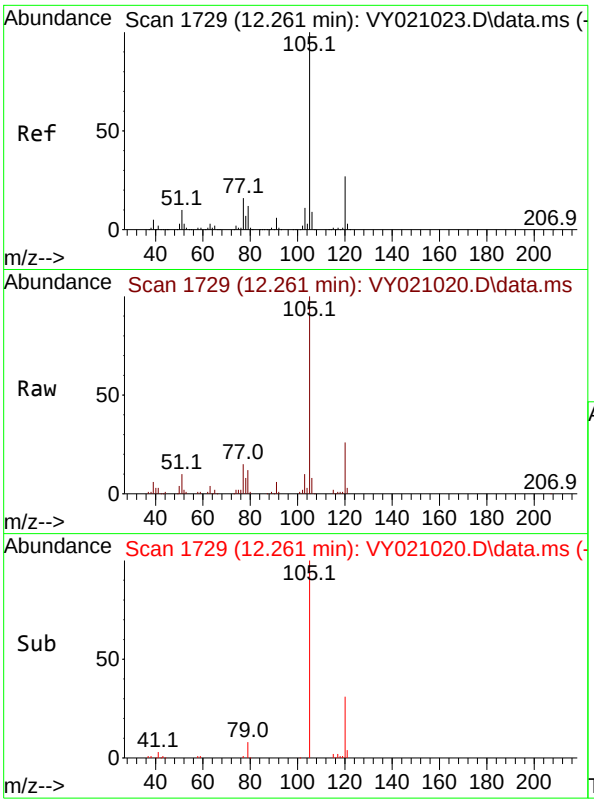


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:152 Resp: 113107

Ion	Ratio	Lower	Upper
152	100		
115	58.9	28.4	85.2
150	160.9	0.0	342.8

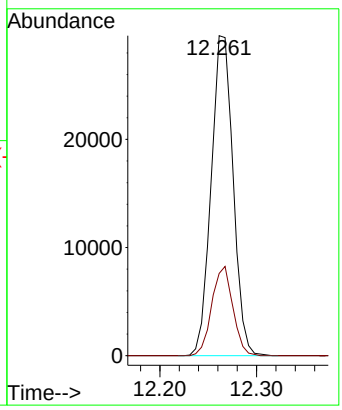




#73
Isopropylbenzene
Concen: 5.869 ug/l
RT: 12.261 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:105 Resp: 4662

Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.4	40.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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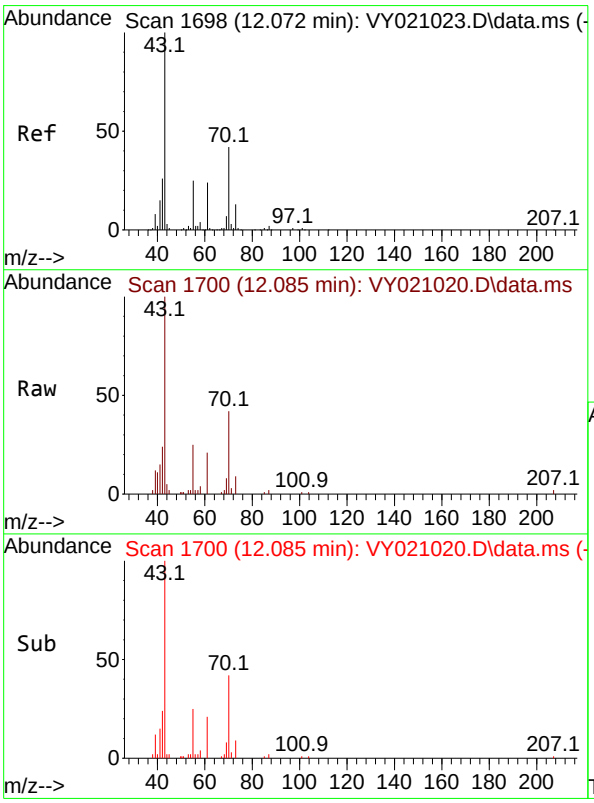
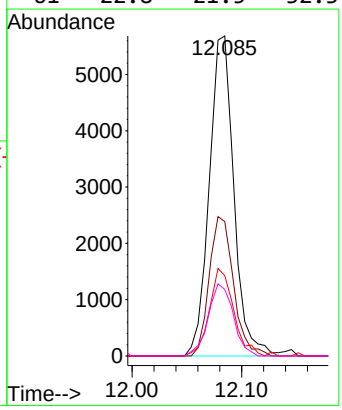
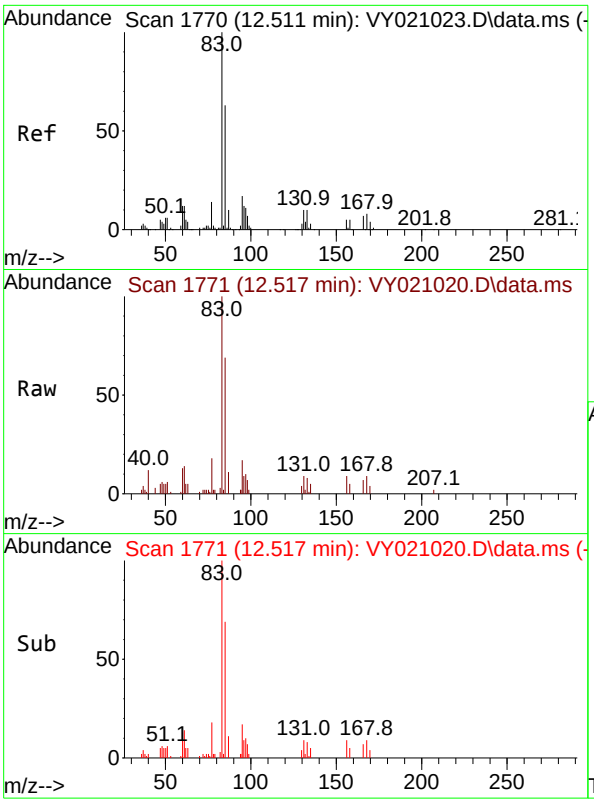


#74
N-amyl acetate
Concen: 6.144 ug/l
RT: 12.085 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 43 Resp: 8887

Ion	Ratio	Lower	Upper
43	100		
70	42.9	39.3	58.9
55	26.8	22.3	33.5
61	22.8	21.5	32.3

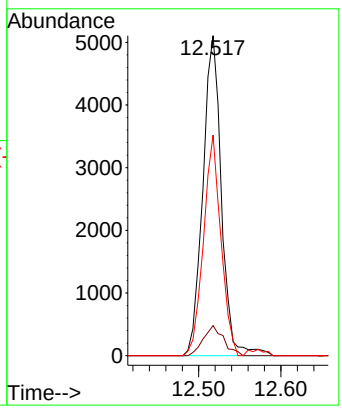




#75
1,1,2,2-Tetrachloroethane
Concen: 6.240 ug/l
RT: 12.517 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 83 Resp: 800

Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.7	17.1
85	64.6	31.9	95.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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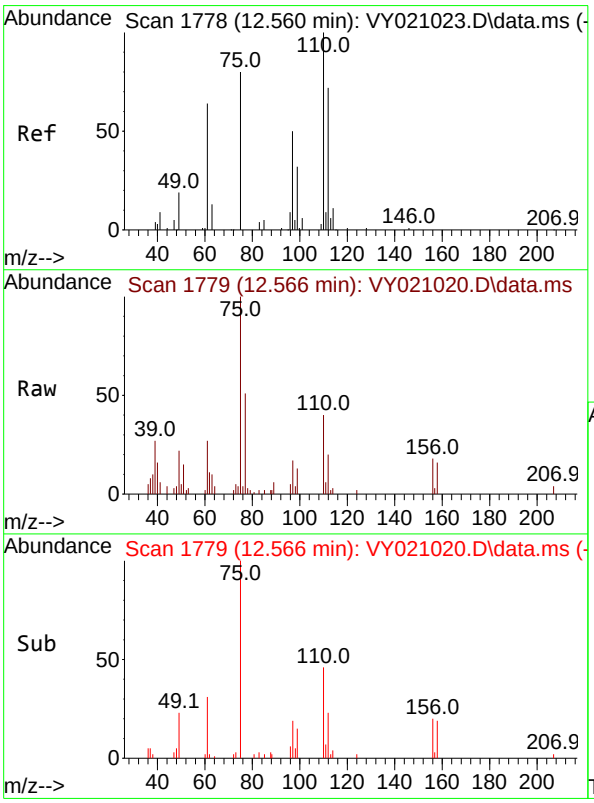
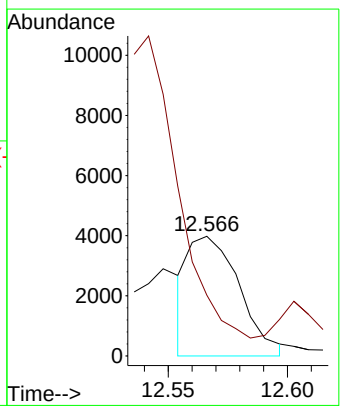
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

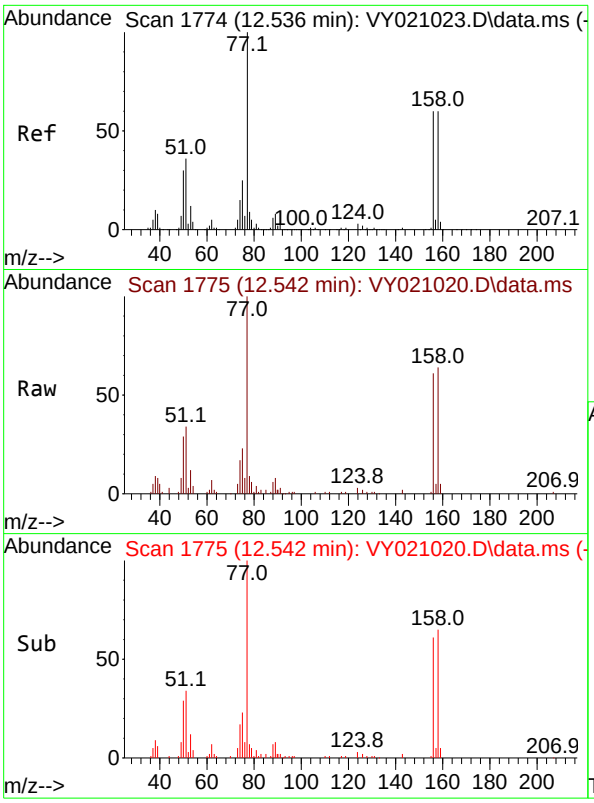


#76
1,2,3-Trichloropropane
Concen: 6.656 ug/l m
RT: 12.566 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 75 Resp: 5960

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

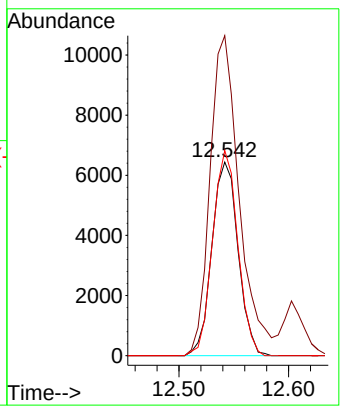




#77
Bromobenzene
Concen: 5.680 ug/l
RT: 12.542 min Scan# 1
Delta R.T. 0.007 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:156 Resp: 1069

Ion	Ratio	Lower	Upper
156	100		
77	183.8	83.3	249.9
158	101.9	48.3	144.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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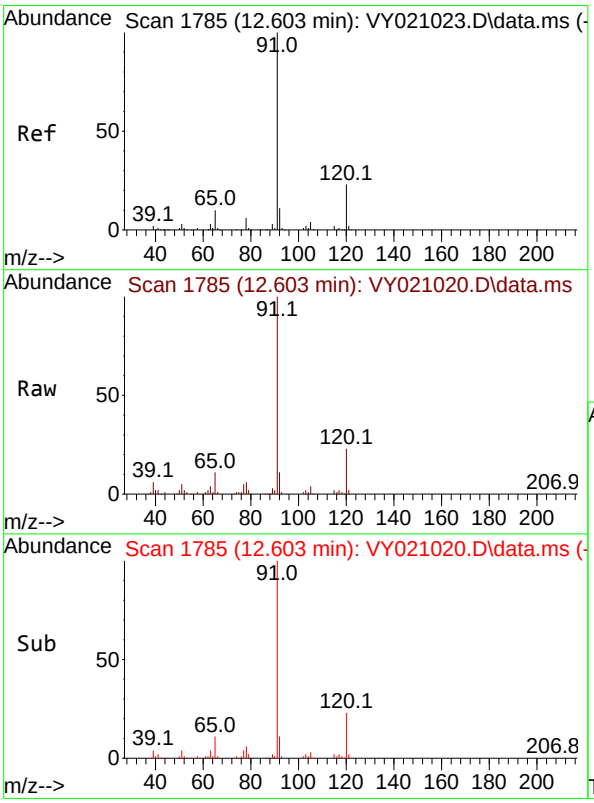
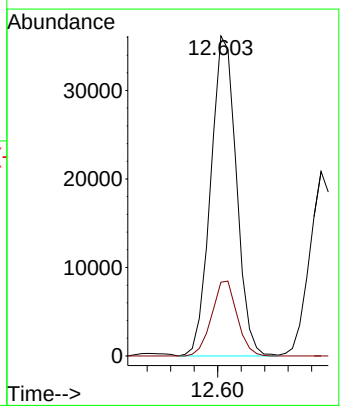
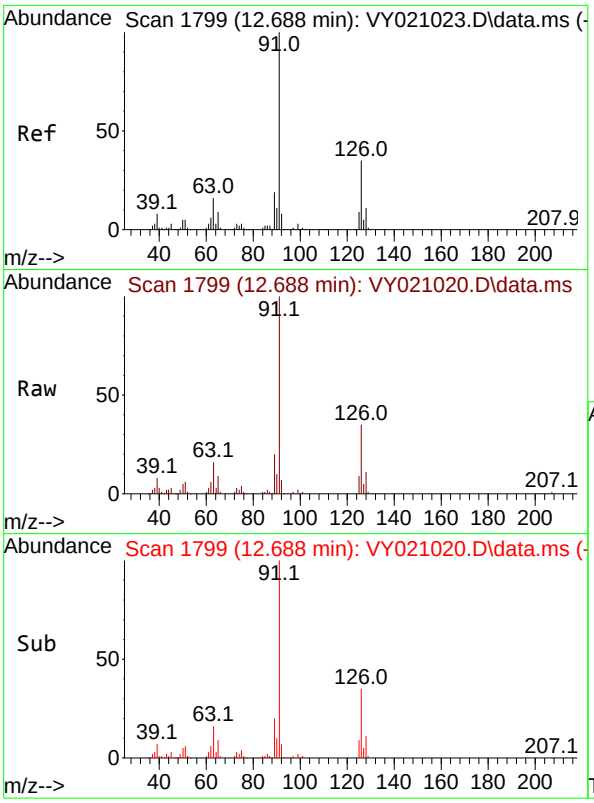


#78
n-propylbenzene
Concen: 5.907 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 91 Resp: 54990

Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.8	35.4

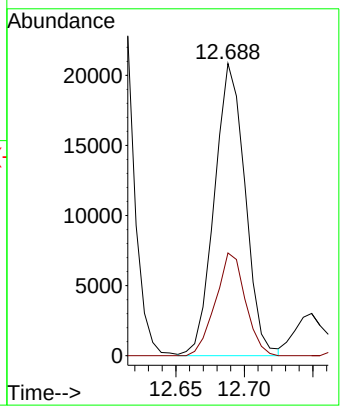




#79
2-Chlorotoluene
Concen: 6.123 ug/l
RT: 12.688 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 91 Resp: 3247

Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.3	51.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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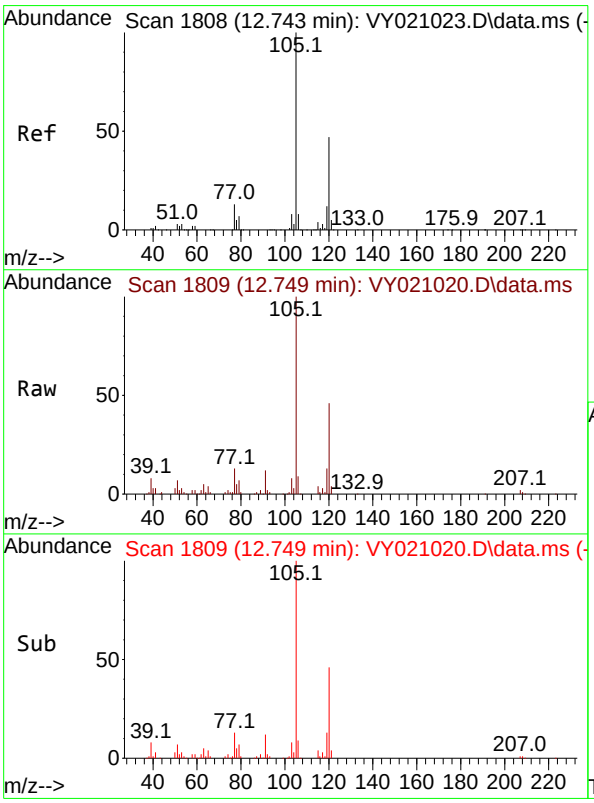
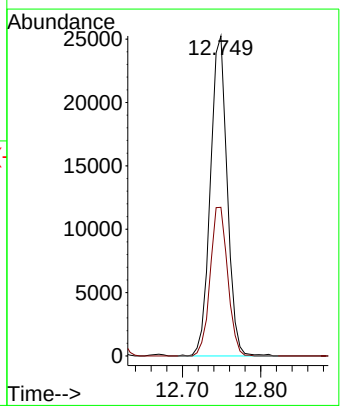
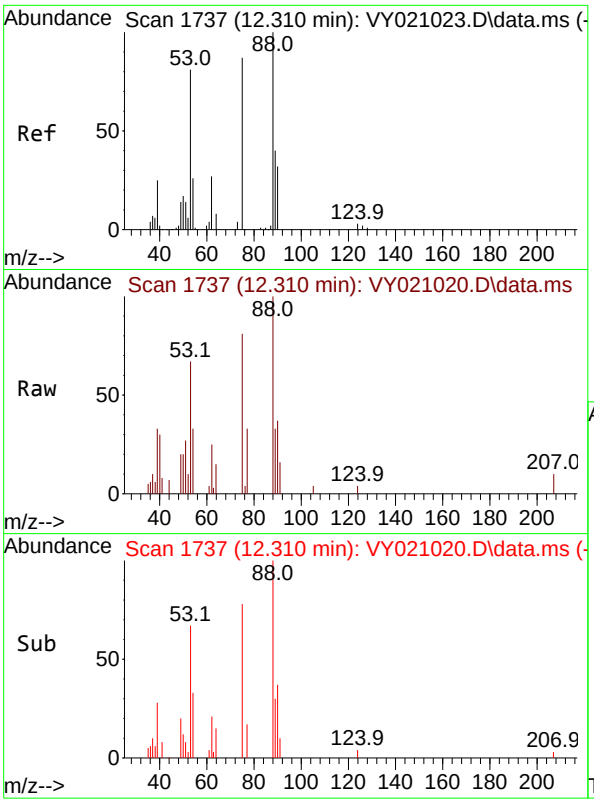


#80
1,3,5-Trimethylbenzene
Concen: 5.772 ug/l
RT: 12.749 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:105 Resp: 37564

Ion	Ratio	Lower	Upper
105	100		
120	48.4	24.3	72.9

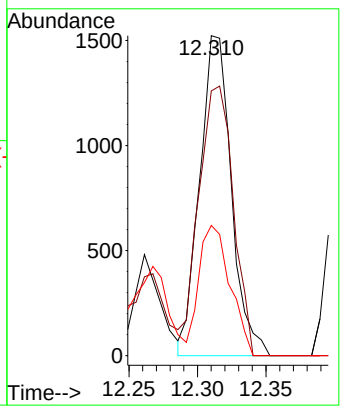




#81
trans-1,4-Dichloro-2-butene
Concen: 5.671 ug/l
RT: 12.310 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 75 Resp: 244

Ion	Ratio	Lower	Upper
75	100		
53	91.8	68.6	103.0
89	40.1	38.1	57.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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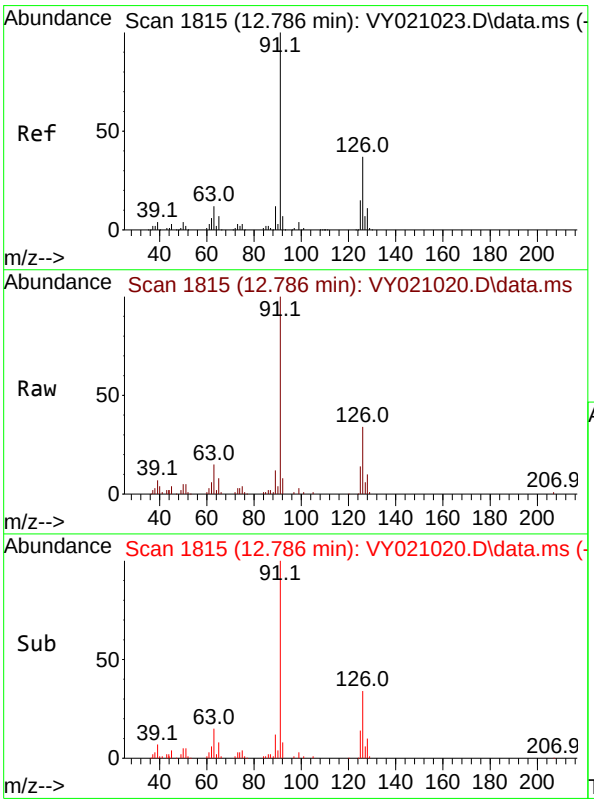
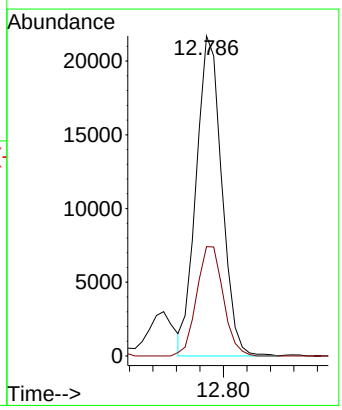
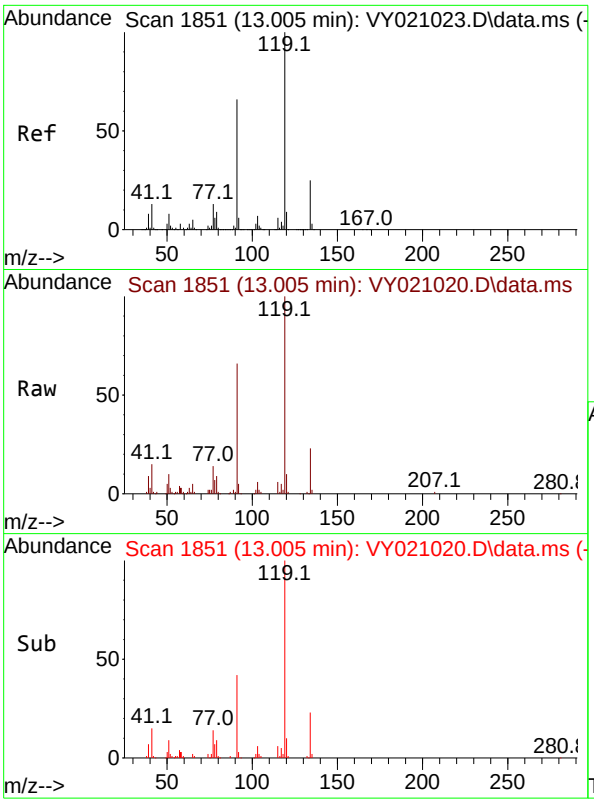


#82
4-Chlorotoluene
Concen: 6.046 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 91 Resp: 32824

Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.3	52.0

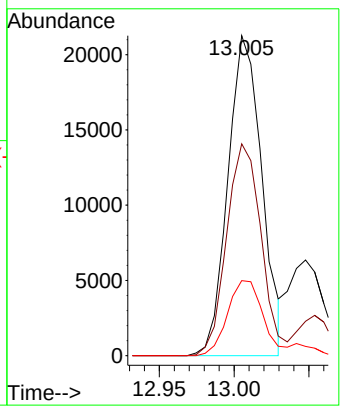




#83
tert-Butylbenzene
Concen: 5.562 ug/l
RT: 13.005 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:119 Resp: 3357

Ion	Ratio	Lower	Upper
119	100		
91	67.4	31.4	94.0
134	24.6	13.1	39.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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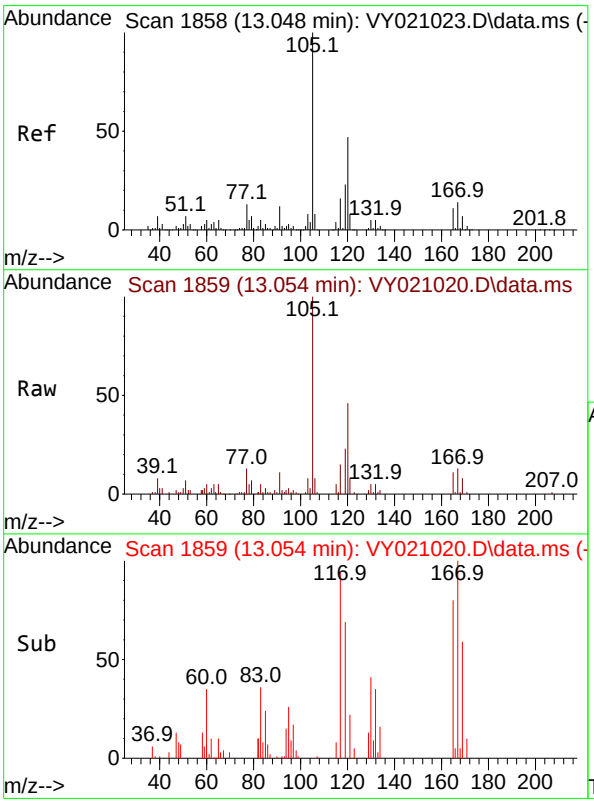
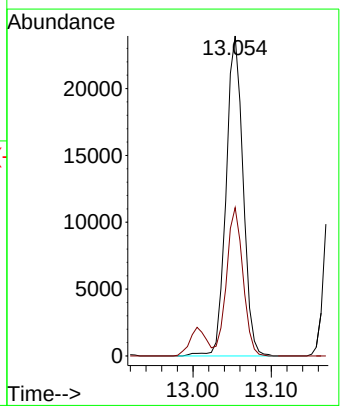
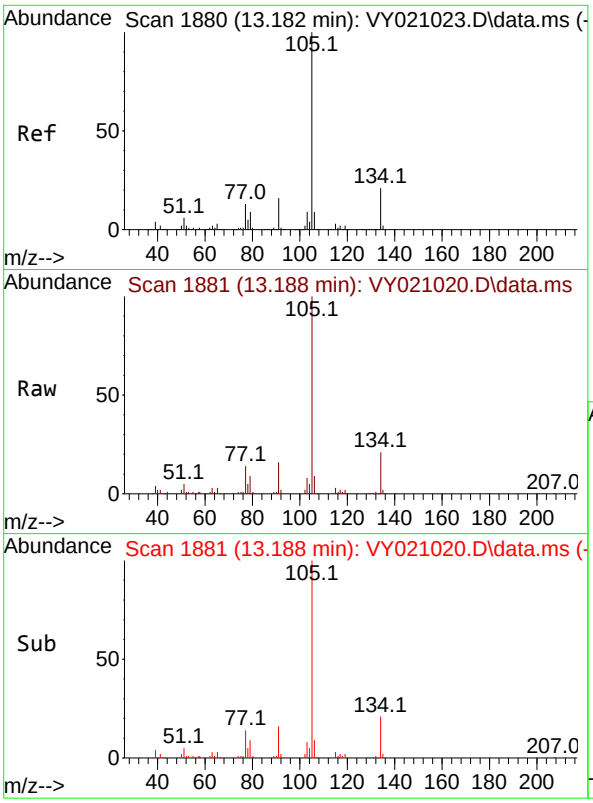


#84
1,2,4-Trimethylbenzene
Concen: 5.665 ug/l
RT: 13.054 min Scan# 1859
Delta R.T. 0.007 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:105 Resp: 36016

Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.7	68.0

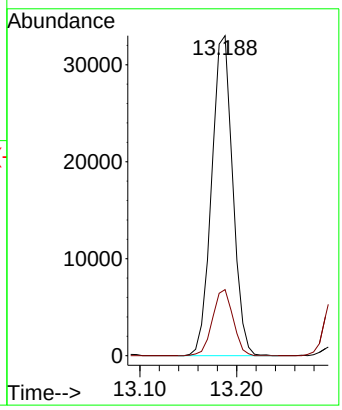




#85
sec-Butylbenzene
Concen: 5.831 ug/l
RT: 13.188 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:105 Resp: 4982

Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.3	30.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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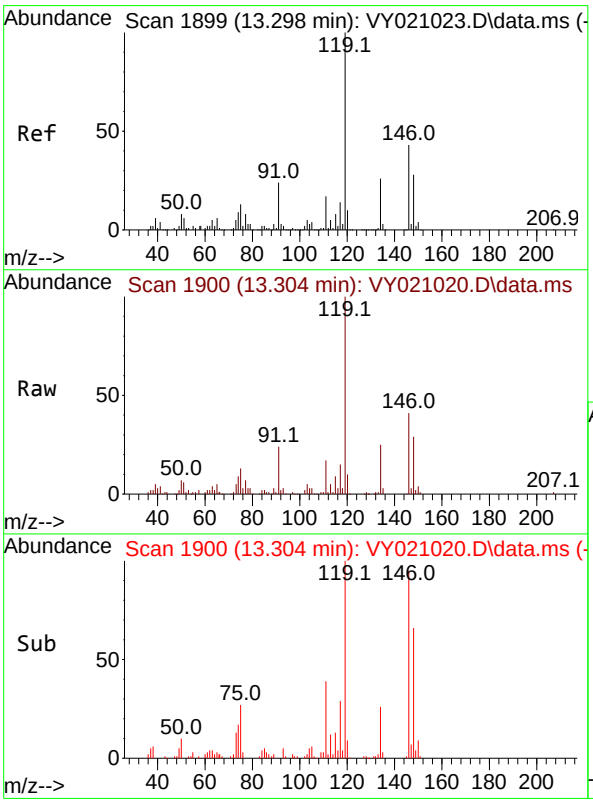
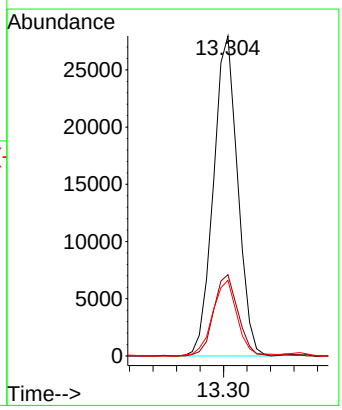
Supervised By :Semsettin Yesilyurt 02/04/2025

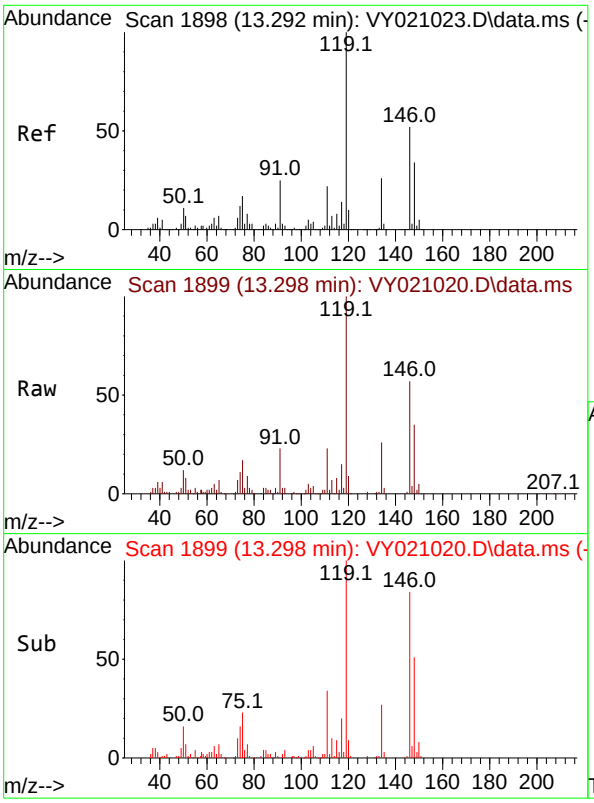


#86
p-Isopropyltoluene
Concen: 5.597 ug/l
RT: 13.304 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:119 Resp: 40197

Ion	Ratio	Lower	Upper
119	100		
134	25.3	13.1	39.3
91	24.1	11.5	34.5

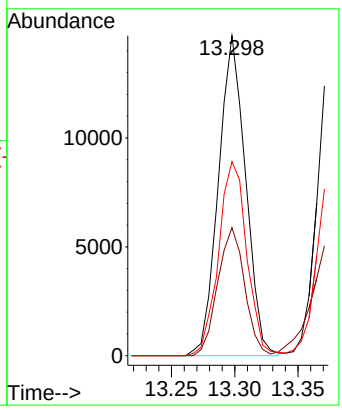




#87
1,3-Dichlorobenzene
Concen: 5.966 ug/l
RT: 13.298 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:146 Resp: 2191

Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.7	59.1
148	63.3	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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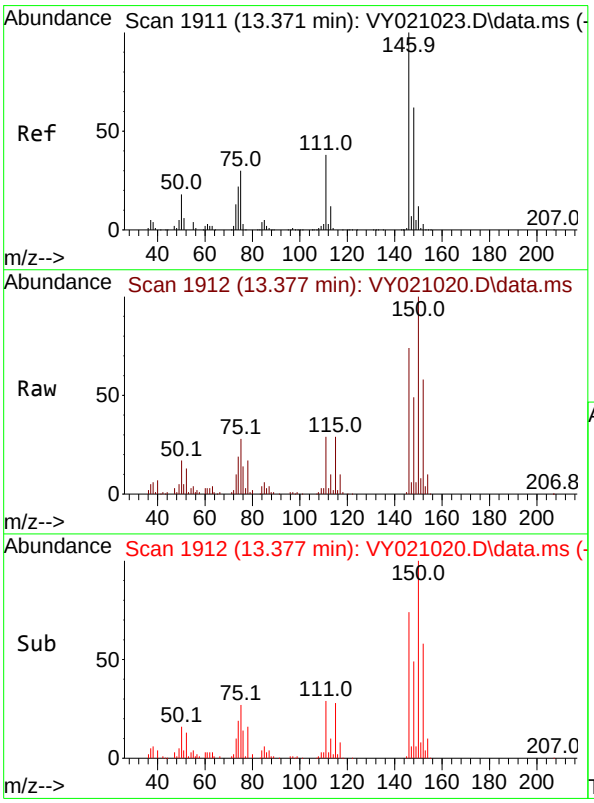
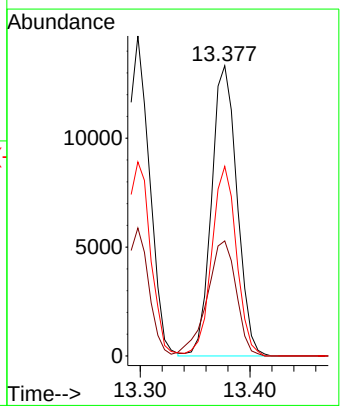
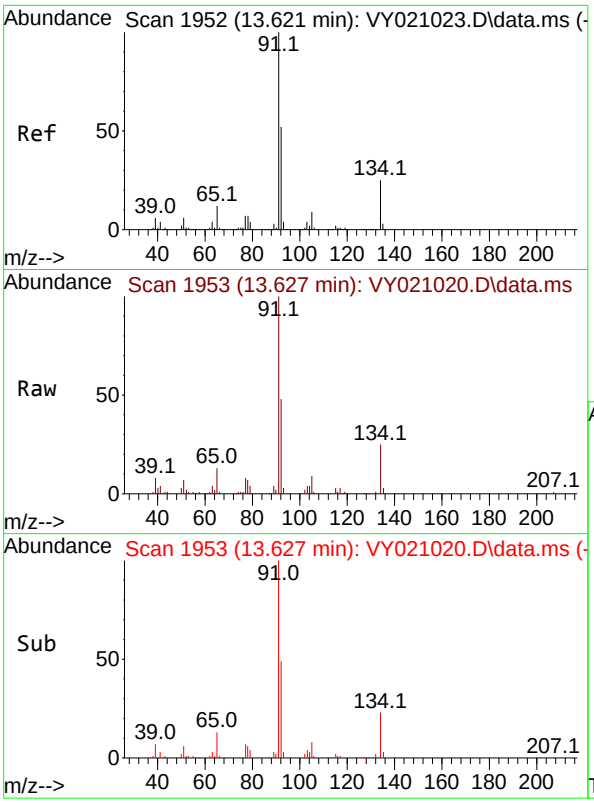


#88
1,4-Dichlorobenzene
Concen: 5.910 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:146 Resp: 21553

Ion	Ratio	Lower	Upper
146	100		
111	45.5	19.0	57.0
148	63.4	31.6	95.0

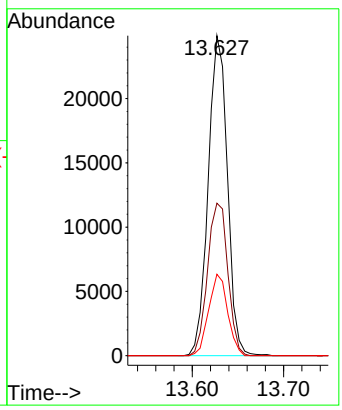




#89
n-Butylbenzene
Concen: 5.630 ug/l
RT: 13.627 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 91 Resp: 3621

Ion	Ratio	Lower	Upper
91	100		
92	50.4	26.7	80.1
134	25.2	13.7	41.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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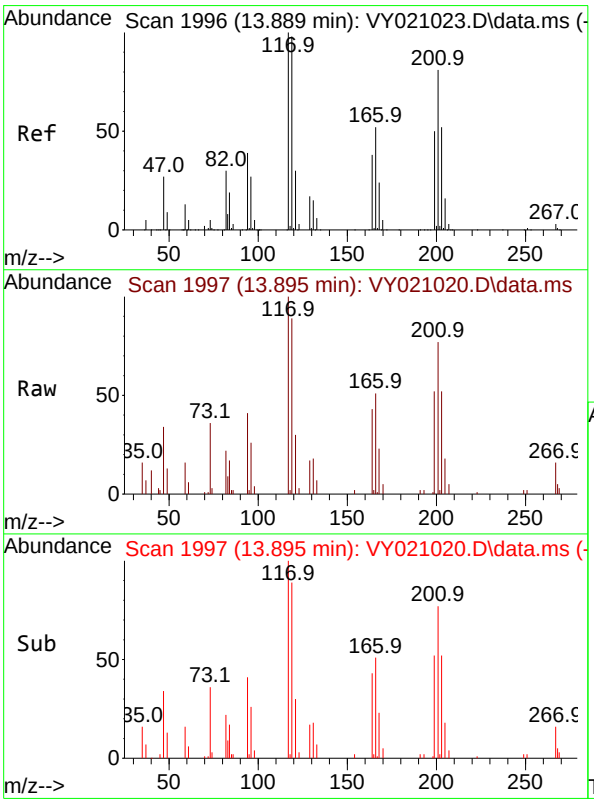
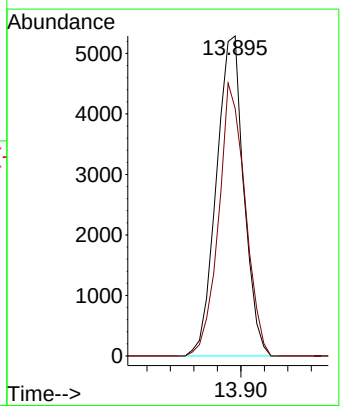
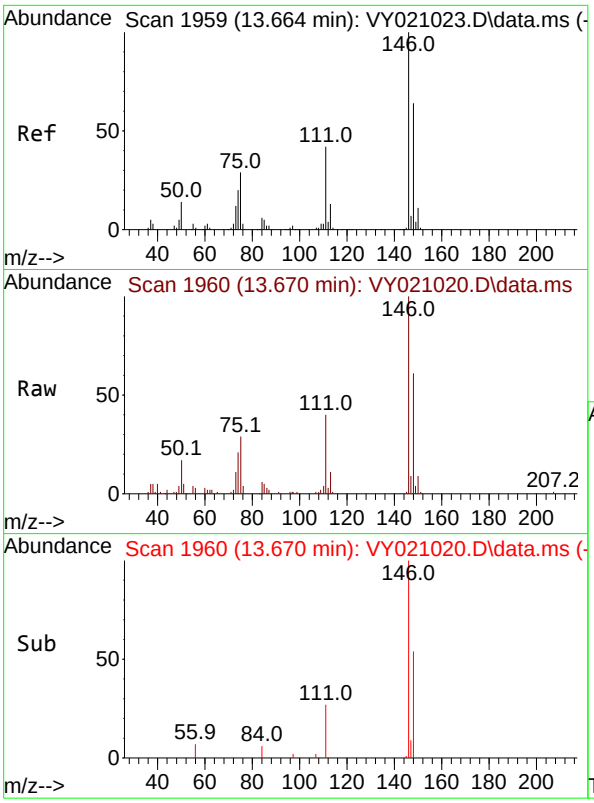


#90
Hexachloroethane
Concen: 5.891 ug/l
RT: 13.895 min Scan# 1997
Delta R.T. 0.013 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:117 Resp: 8559

Ion	Ratio	Lower	Upper
117	100		
201	82.8	42.5	127.5

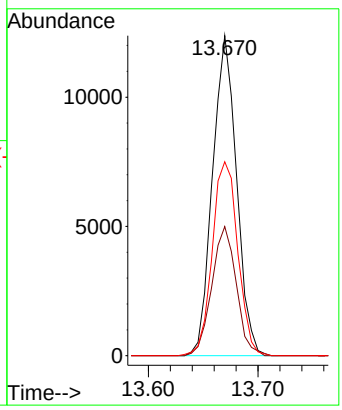




#91
1,2-Dichlorobenzene
Concen: 5.892 ug/l
RT: 13.670 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:146 Resp: 1886

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.3	60.8
148	64.4	32.2	96.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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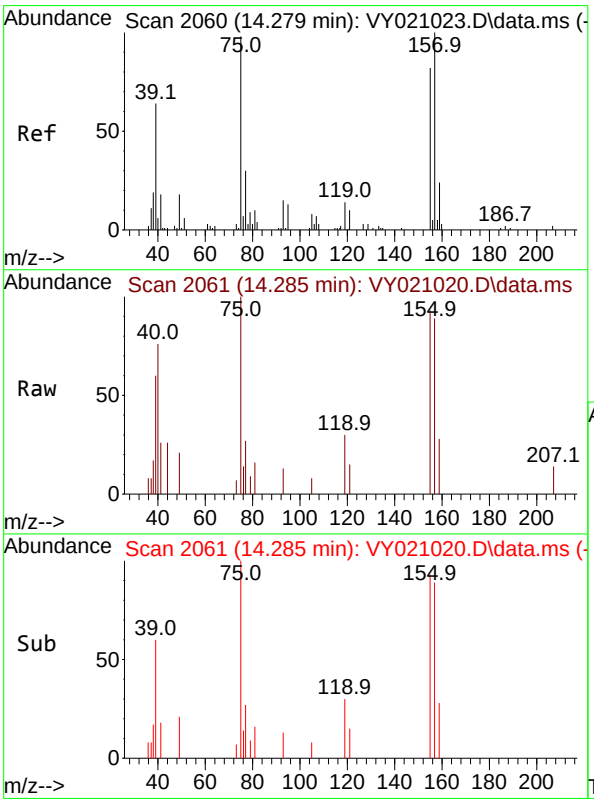
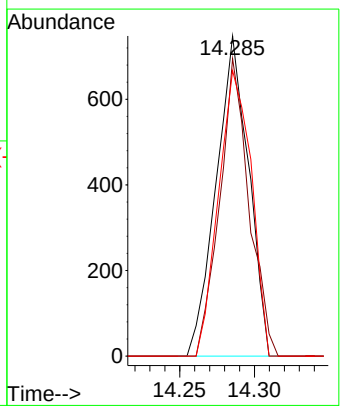
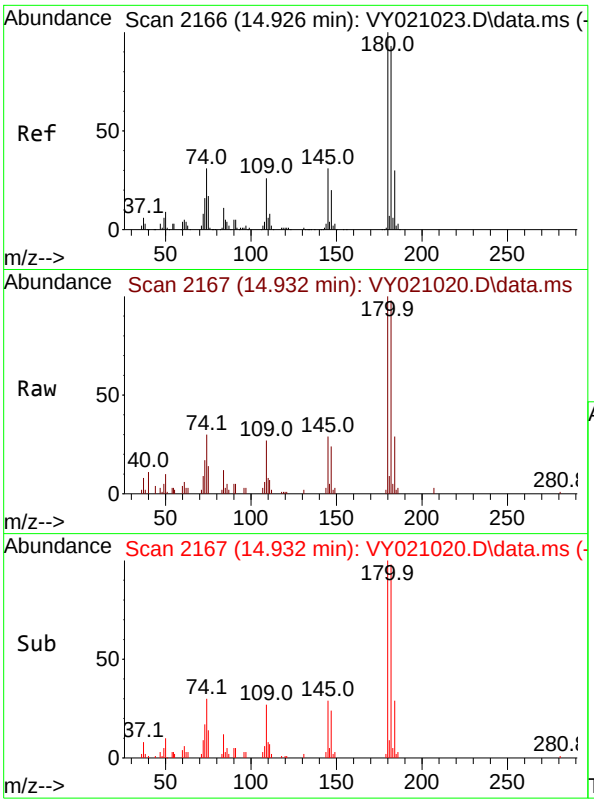


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.699 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 75 Resp: 1125

Ion	Ratio	Lower	Upper
75	100		
155	84.4	45.9	137.6
157	90.1	59.3	177.9

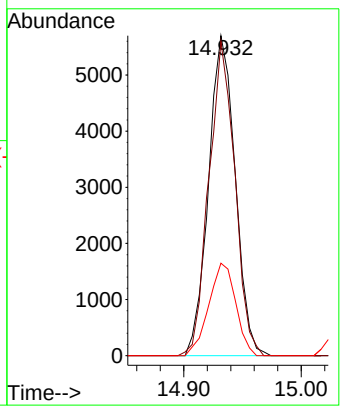




#93
1,2,4-Trichlorobenzene
Concen: 4.590 ug/l
RT: 14.932 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:180 Resp: 900

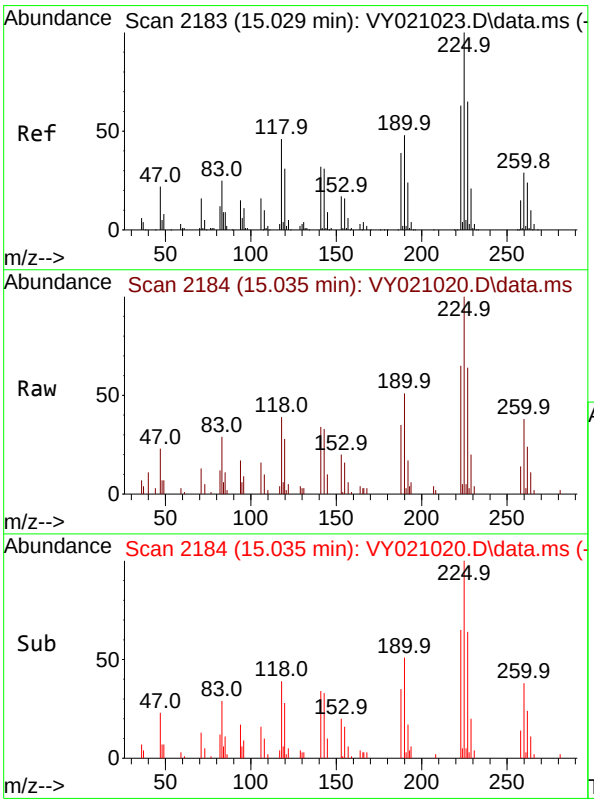
Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.3	144.8
145	29.2	15.3	45.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

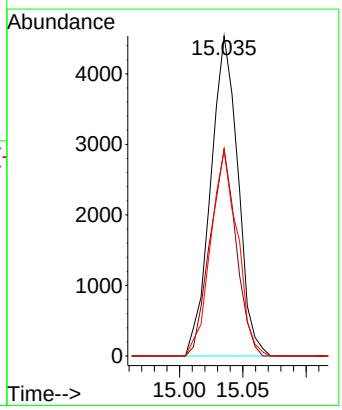
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

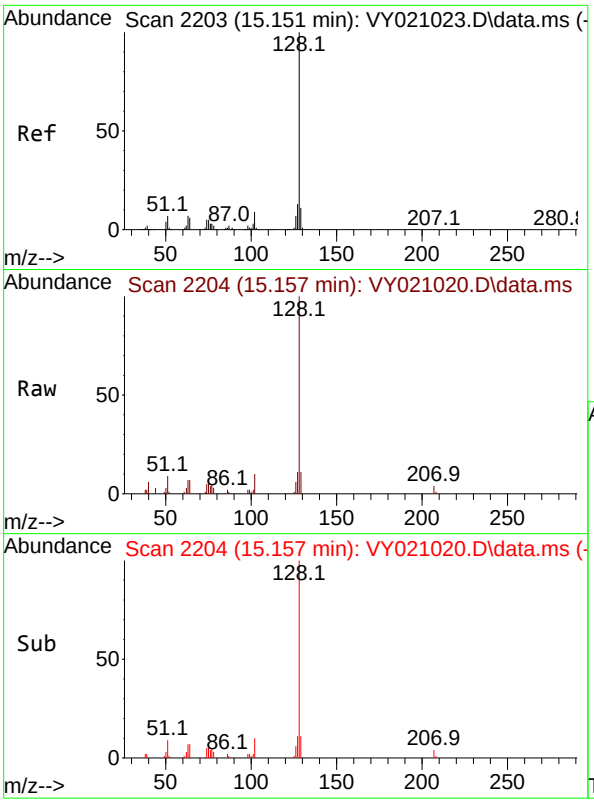


#94
Hexachlorobutadiene
Concen: 5.001 ug/l
RT: 15.035 min Scan# 2184
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:225 Resp: 6792

Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.4	94.2
227	63.1	31.8	95.3

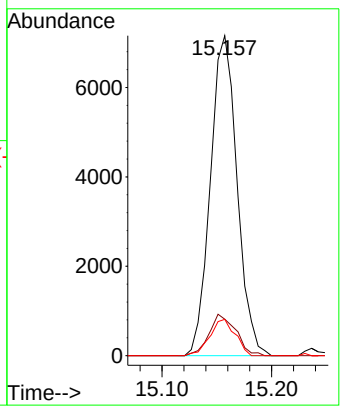




#95
Naphthalene
Concen: 3.847 ug/l
RT: 15.157 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:128 Resp: 1212

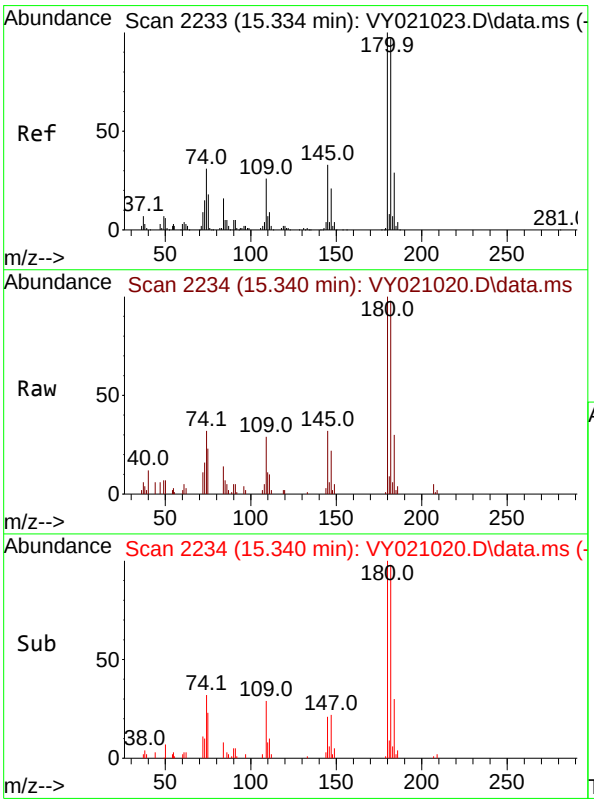
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.8	8.8	13.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

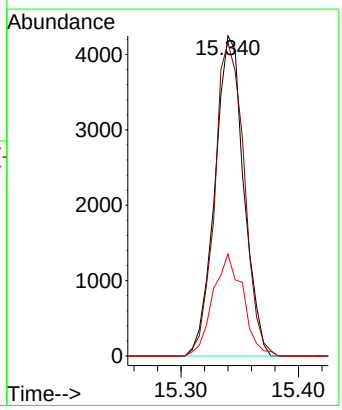
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.375 ug/l
RT: 15.340 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:180 Resp: 7255

Ion	Ratio	Lower	Upper
180	100		
182	100.1	47.7	143.1
145	33.2	15.6	46.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021021.D
Acq On : 03 Feb 2025 10:57
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

Quant Time: Feb 03 12:38:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.719	168	182294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	285332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	239030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	115682	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	20294	13.075	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	26.160%#		
35) Dibromofluoromethane	7.646	113	18627	10.859	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	21.720%#		
50) Toluene-d8	10.109	98	70569	10.540	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	21.080%#		
62) 4-Bromofluorobenzene	12.414	95	23279	10.362	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	20.720%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	15959	10.296	ug/l	99
3) Chloromethane	2.074	50	16219	16.458	ug/l	98
4) Vinyl Chloride	2.208	62	16094	15.839	ug/l	93
5) Bromomethane	2.604	94	10042	14.599	ug/l	99
6) Chloroethane	2.745	64	9830	16.561	ug/l	95
7) Trichlorofluoromethane	3.068	101	29663	12.097	ug/l	90
8) Diethyl Ether	3.458	74	9330	12.745	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.824	101	18483	11.194	ug/l	96
10) Methyl Iodide	4.019	142	19381	10.258	ug/l	98
11) Tert butyl alcohol	4.860	59	7158m	63.135	ug/l	
12) 1,1-Dichloroethene	3.799	96	17176	11.131	ug/l	90
13) Acrolein	3.665	56	10409	79.726	ug/l	96
14) Allyl chloride	4.391	41	28376	13.358	ug/l	93
15) Acrylonitrile	5.074	53	19104	63.446	ug/l	97
16) Acetone	3.879	43	15112	71.438	ug/l #	86
17) Carbon Disulfide	4.116	76	53088	11.171	ug/l	100
18) Methyl Acetate	4.397	43	10297	13.911	ug/l	94
19) Methyl tert-butyl Ether	5.128	73	43216	12.033	ug/l	96
20) Methylene Chloride	4.622	84	18455	11.829	ug/l	89
21) trans-1,2-Dichloroethene	5.128	96	18903	11.426	ug/l	100
22) Diisopropyl ether	6.031	45	59888	13.831	ug/l #	89
23) Vinyl Acetate	5.970	43	166437	69.409	ug/l	94
24) 1,1-Dichloroethane	5.927	63	34569	12.375	ug/l	99
25) 2-Butanone	6.902	43	24268	67.624	ug/l	93
26) 2,2-Dichloropropane	6.896	77	32771	11.915	ug/l	97
27) cis-1,2-Dichloroethene	6.902	96	21309	11.206	ug/l	91
28) Bromochloromethane	7.256	49	13417	12.892	ug/l	86
29) Tetrahydrofuran	7.274	42	16758	69.395	ug/l	92
30) Chloroform	7.427	83	37054	12.247	ug/l	100
31) Cyclohexane	7.707	56	32272	11.819	ug/l #	88
32) 1,1,1-Trichloroethane	7.628	97	32862	11.223	ug/l	95
36) 1,1-Dichloropropene	7.847	75	26479	10.820	ug/l	96
37) Ethyl Acetate	6.994	43	11876	13.017	ug/l	97
38) Carbon Tetrachloride	7.823	117	31462	10.389	ug/l	96
39) Methylcyclohexane	9.115	83	31392	9.549	ug/l	90
40) Benzene	8.085	78	78846	10.950	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021021.D
Acq On : 03 Feb 2025 10:57
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 03 12:38:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.244	41	7195m	14.253	ug/l		
42) 1,2-Dichloroethane	8.164	62	22281	12.201	ug/l		99
43) Isopropyl Acetate	8.207	43	23795	13.055	ug/l	#	84
44) Trichloroethene	8.872	130	20261	10.197	ug/l		100
45) 1,2-Dichloropropane	9.146	63	18765	11.627	ug/l		96
46) Dibromomethane	9.237	93	10511	11.191	ug/l		94
47) Bromodichloromethane	9.432	83	28538	11.570	ug/l		96
48) Methyl methacrylate	9.225	41	10297	11.866	ug/l		93
49) 1,4-Dioxane	9.231	88	1885	188.876	ug/l	#	89
51) 4-Methyl-2-Pentanone	10.006	43	60088	64.159	ug/l		94
52) Toluene	10.176	92	48876	10.457	ug/l		99
53) t-1,3-Dichloropropene	10.402	75	24301	10.888	ug/l		98
54) cis-1,3-Dichloropropene	9.859	75	29426	11.031	ug/l		93
55) 1,1,2-Trichloroethane	10.579	97	13425	10.748	ug/l		96
56) Ethyl methacrylate	10.445	69	16883	10.341	ug/l	#	86
57) 1,3-Dichloropropane	10.725	76	23377	11.042	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.719	63	41611	60.048	ug/l		95
59) 2-Hexanone	10.768	43	37306	61.283	ug/l		90
60) Dibromochloromethane	10.914	129	18851	10.585	ug/l		100
61) 1,2-Dibromoethane	11.018	107	12746	10.684	ug/l		100
64) Tetrachloroethene	10.652	164	17544	9.730	ug/l		98
65) Chlorobenzene	11.450	112	53298	10.583	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.524	131	19150	10.714	ug/l		99
67) Ethyl Benzene	11.524	91	90783	10.411	ug/l		99
68) m/p-Xylenes	11.633	106	69094	20.624	ug/l		98
69) o-Xylene	11.963	106	31473	10.106	ug/l		96
70) Styrene	11.975	104	53436	10.334	ug/l		98
71) Bromoform	12.139	173	10627	10.088	ug/l	#	97
73) Isopropylbenzene	12.261	105	85491	10.522	ug/l		98
74) N-amyl acetate	12.078	43	18529	12.524	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.511	83	14942	11.393	ug/l		98
76) 1,2,3-Trichloropropane	12.560	75	9090m	9.926	ug/l		
77) Bromobenzene	12.536	156	20634	10.712	ug/l		94
78) n-propylbenzene	12.603	91	102250	10.738	ug/l		97
79) 2-Chlorotoluene	12.688	91	59630	10.991	ug/l		98
80) 1,3,5-Trimethylbenzene	12.743	105	70161	10.541	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.310	75	5224	11.842	ug/l		92
82) 4-Chlorotoluene	12.786	91	62279	11.217	ug/l		96
83) tert-Butylbenzene	13.005	119	63506	10.287	ug/l		98
84) 1,2,4-Trimethylbenzene	13.048	105	67906	10.444	ug/l		100
85) sec-Butylbenzene	13.182	105	92610	10.596	ug/l		98
86) p-Isopropyltoluene	13.298	119	74892	10.196	ug/l		99
87) 1,3-Dichlorobenzene	13.292	146	39016	10.388	ug/l		99
88) 1,4-Dichlorobenzene	13.371	146	39379	10.559	ug/l		95
89) n-Butylbenzene	13.627	91	67632	10.280	ug/l		97
90) Hexachloroethane	13.889	117	16030	10.788	ug/l		95
91) 1,2-Dichlorobenzene	13.670	146	35252	10.763	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	2296	11.372	ug/l		87
93) 1,2,4-Trichlorobenzene	14.932	180	17451	8.702	ug/l		98
94) Hexachlorobutadiene	15.029	225	11988	8.631	ug/l		99
95) Naphthalene	15.151	128	27103	8.409	ug/l		98
96) 1,2,3-Trichlorobenzene	15.334	180	14804	8.729	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021021.D
Acq On : 03 Feb 2025 10:57
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

Quant Time: Feb 03 12:38:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021021.D
Acq On : 03 Feb 2025 10:57
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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Quant Time: Feb 03 12:38:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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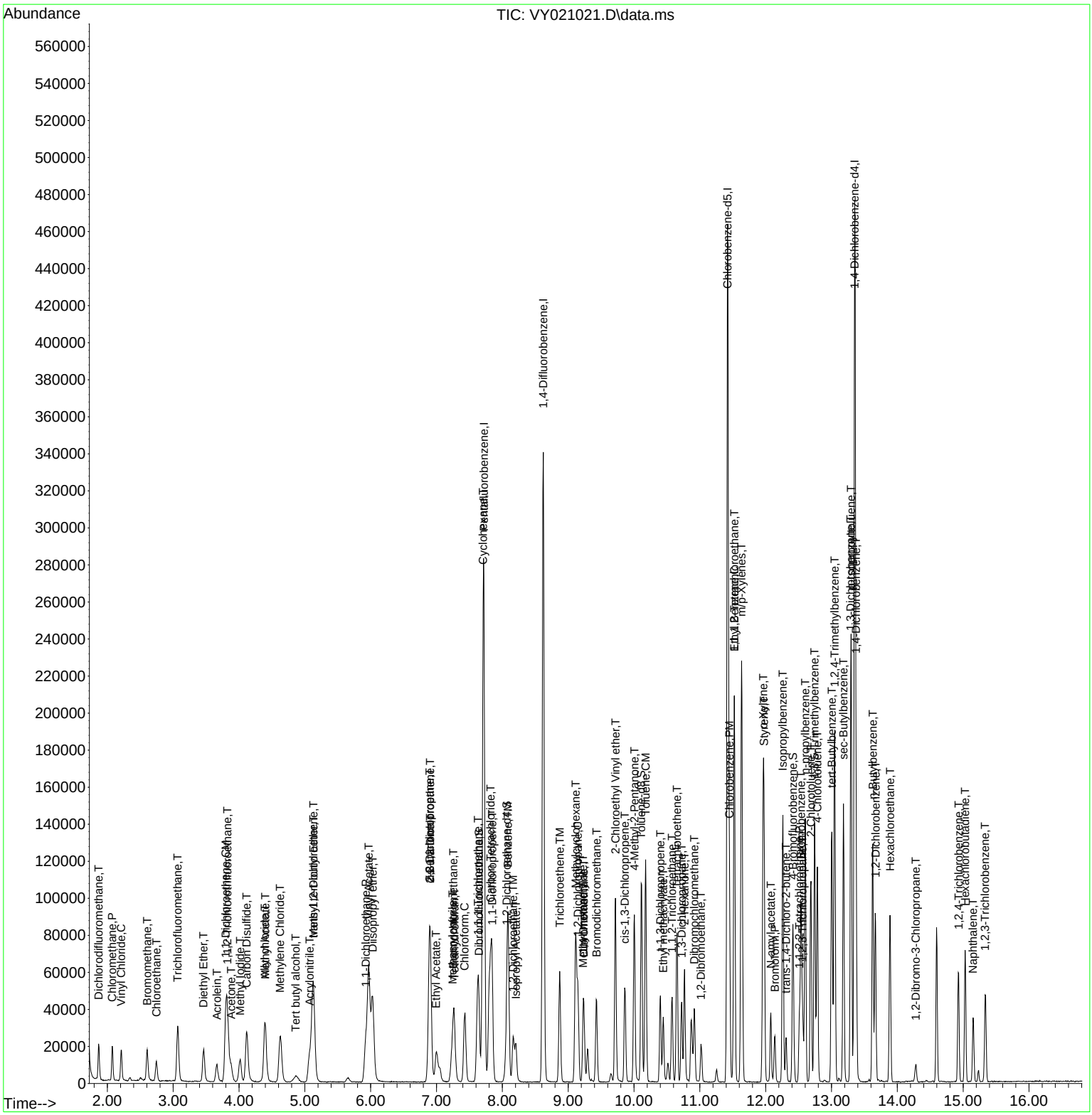
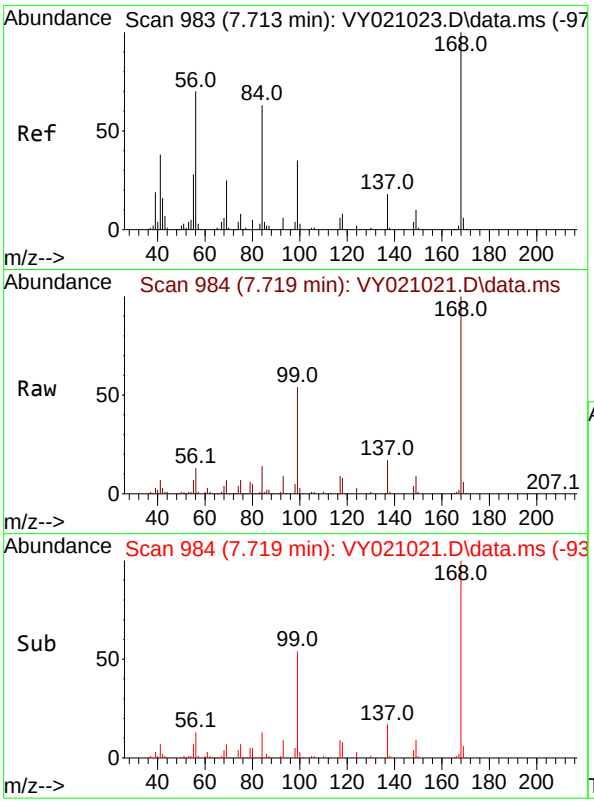
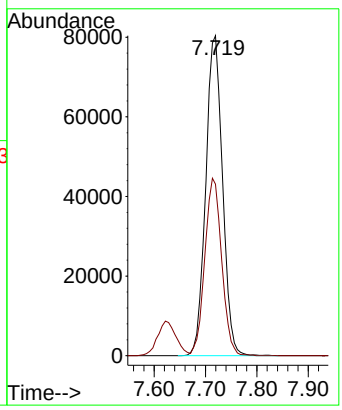




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:168 Resp: 18229

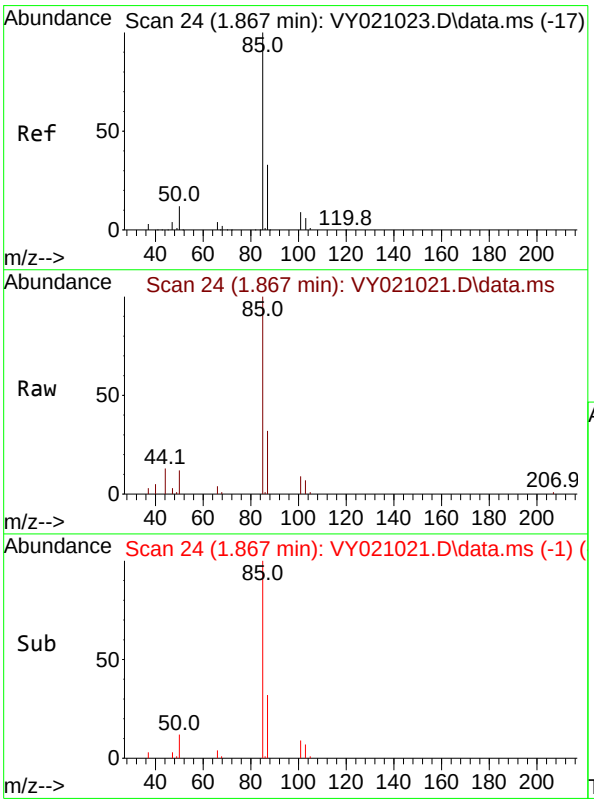
Ion	Ratio	Lower	Upper
168	100		
99	53.6	42.2	63.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

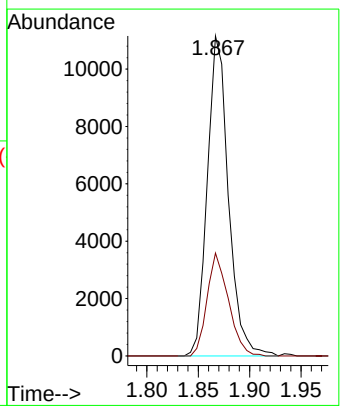
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

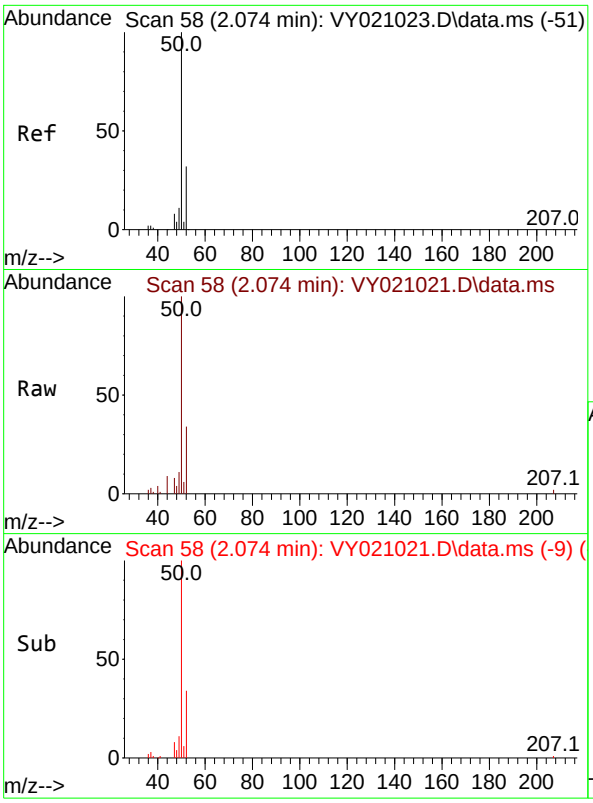


#2
Dichlorodifluoromethane
Concen: 10.296 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 85 Resp: 15959

Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.3	48.9

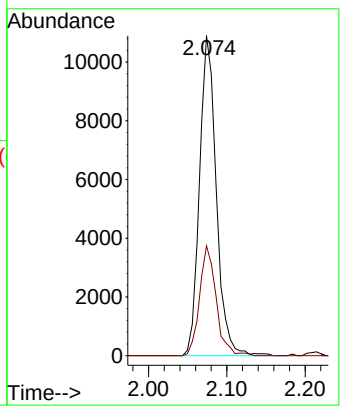




#3
Chloromethane
Concen: 16.458 ug/l
RT: 2.074 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 50 Resp: 1621

Ion	Ratio	Lower	Upper
50	100		
52	34.3	26.3	39.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
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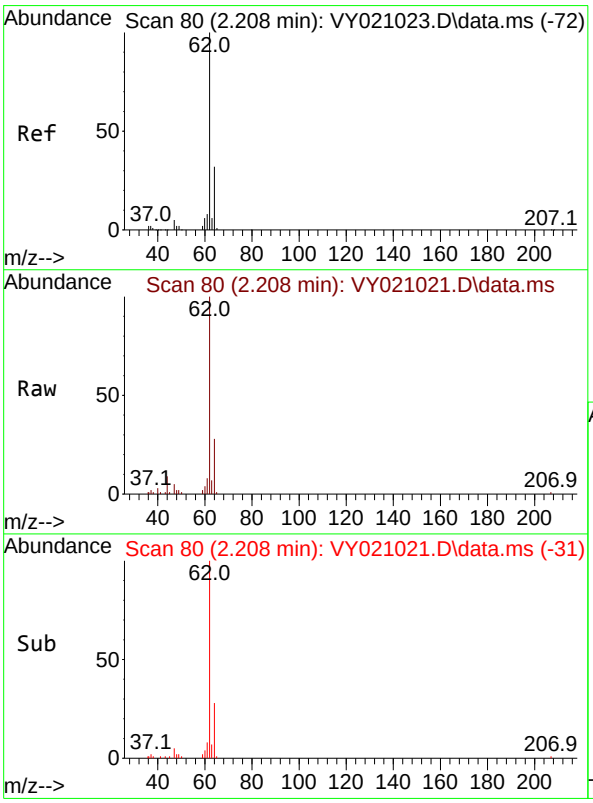
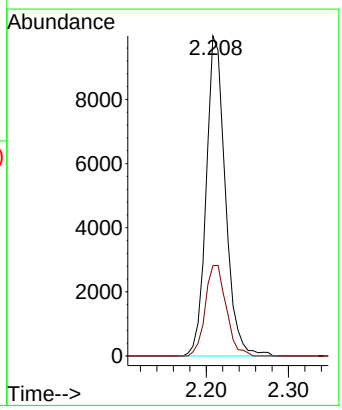
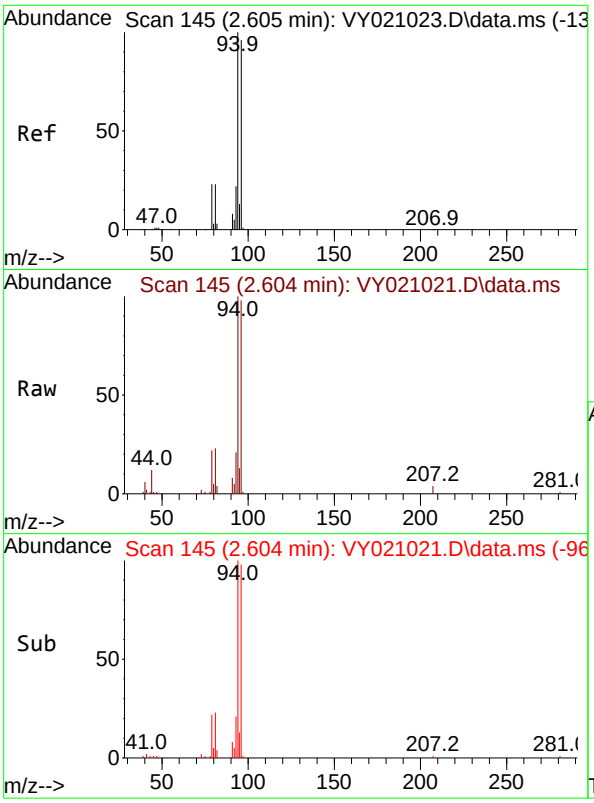


#4
Vinyl Chloride
Concen: 15.839 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 62 Resp: 16094

Ion	Ratio	Lower	Upper
62	100		
64	28.2	25.4	38.2

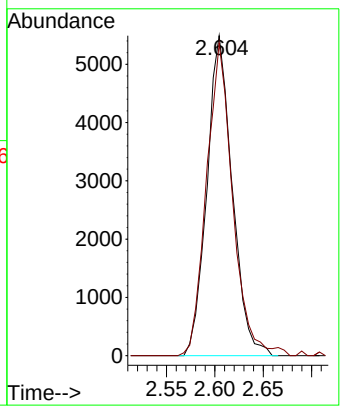




#5
Bromomethane
Concen: 14.599 ug/l
RT: 2.604 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 94 Resp: 1004

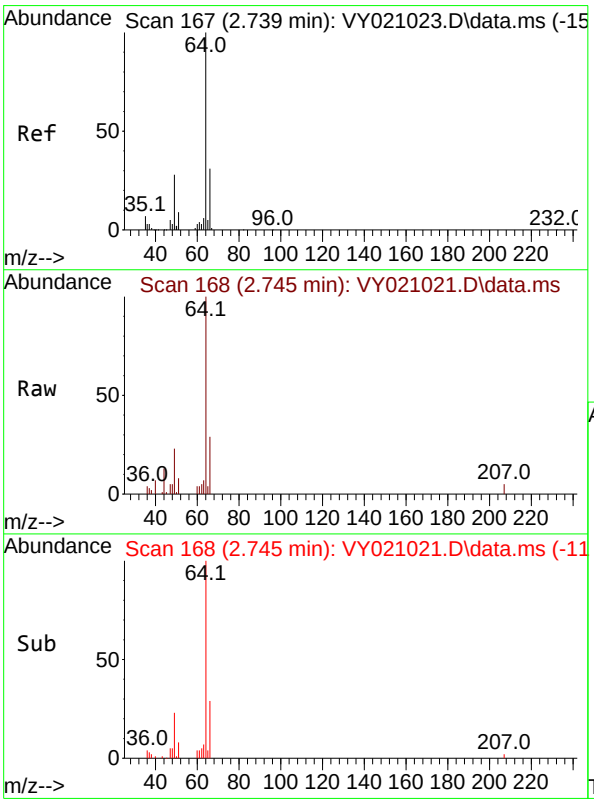
Ion	Ratio	Lower	Upper
94	100		
96	97.7	77.4	116.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

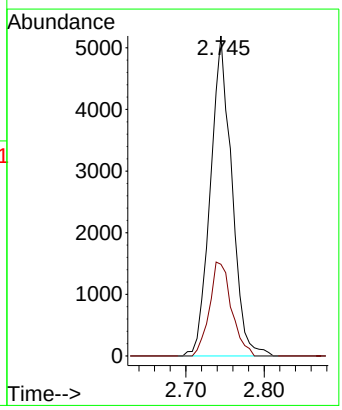
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

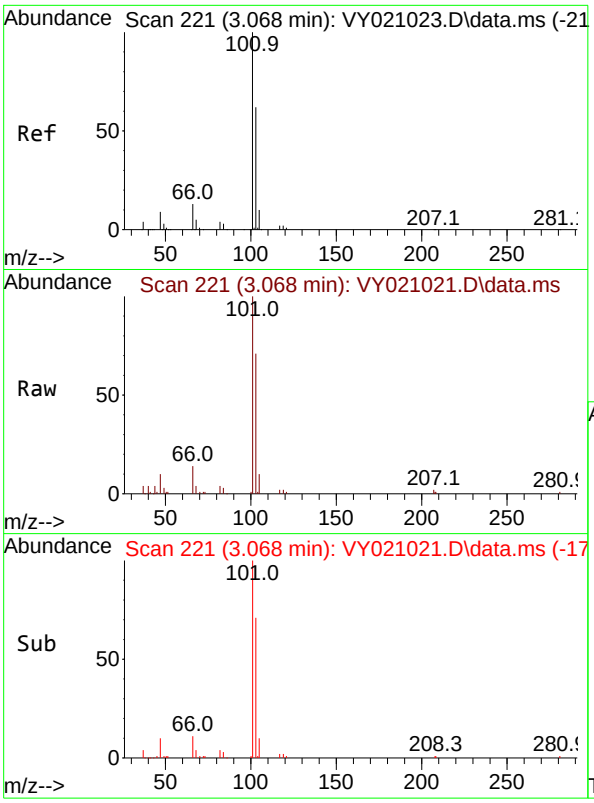


#6
Chloroethane
Concen: 16.561 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 64 Resp: 9830

Ion	Ratio	Lower	Upper
64	100		
66	28.6	25.0	37.4

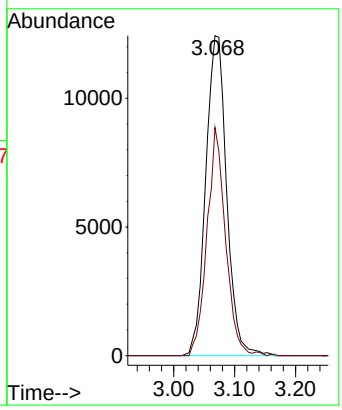




#7
Trichlorofluoromethane
Concen: 12.097 ug/l
RT: 3.068 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:101 Resp: 2966

Ion	Ratio	Lower	Upper
101	100		
103	71.3	50.9	76.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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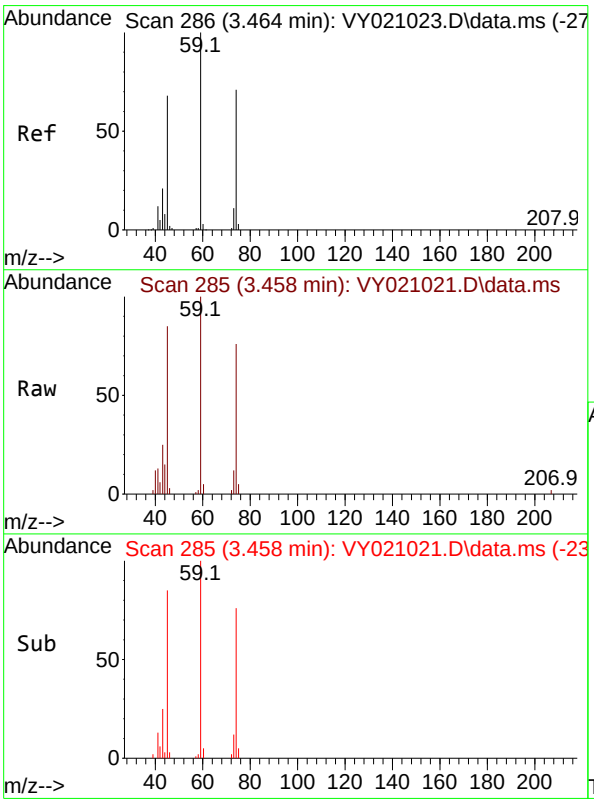
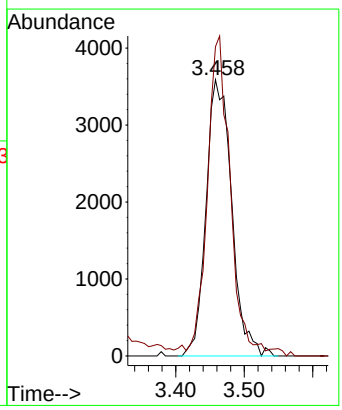
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

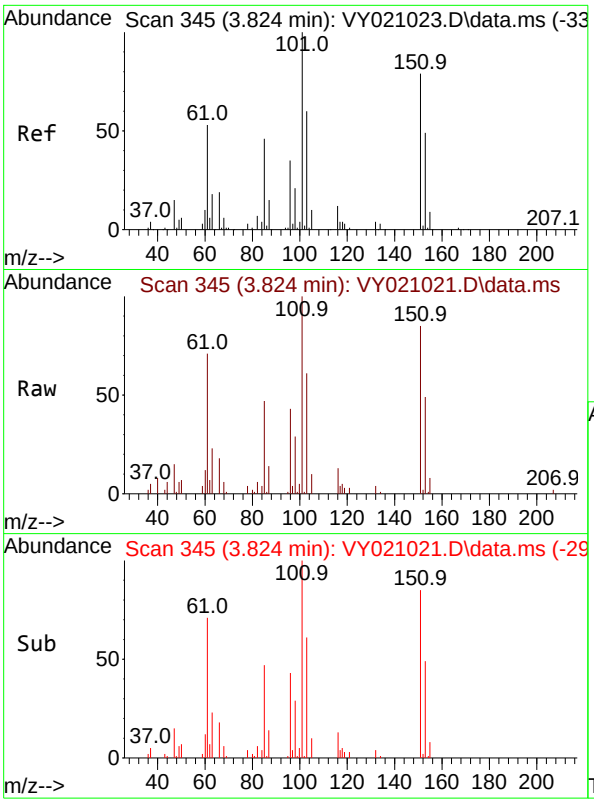


#8
Diethyl Ether
Concen: 12.745 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 74 Resp: 9330

Ion	Ratio	Lower	Upper
74	100		
45	97.0	43.4	130.2

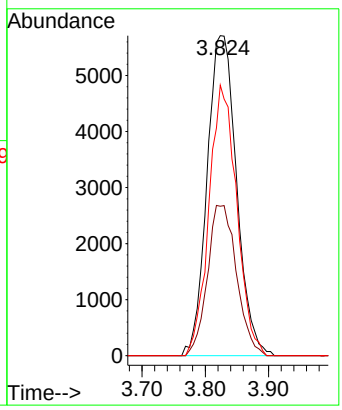




#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.194 ug/l
RT: 3.824 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:101 Resp: 1848

Ion	Ratio	Lower	Upper
101	100		
85	46.3	34.9	52.3
151	79.6	66.8	100.2



Instrument :
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ClientSampleId :
VSTDICC010

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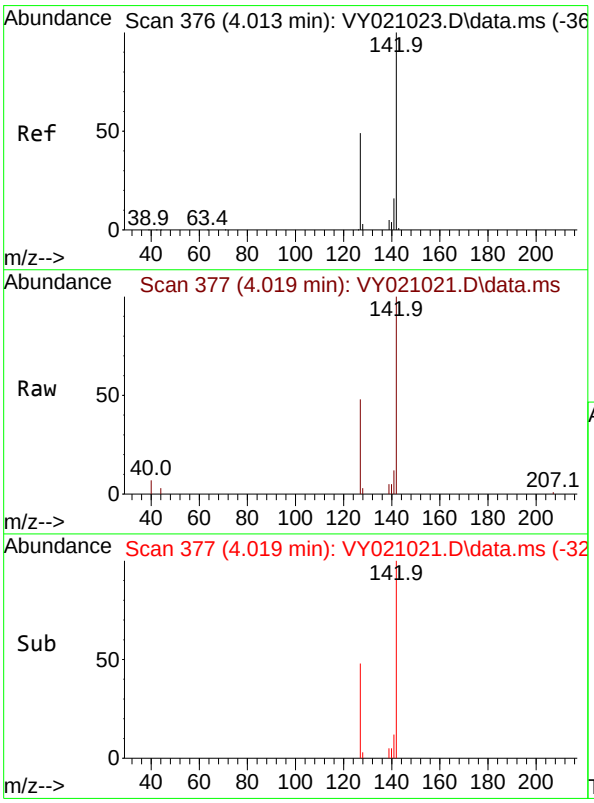
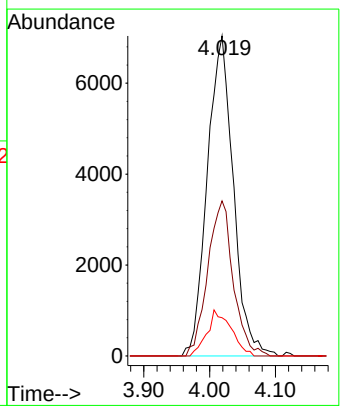
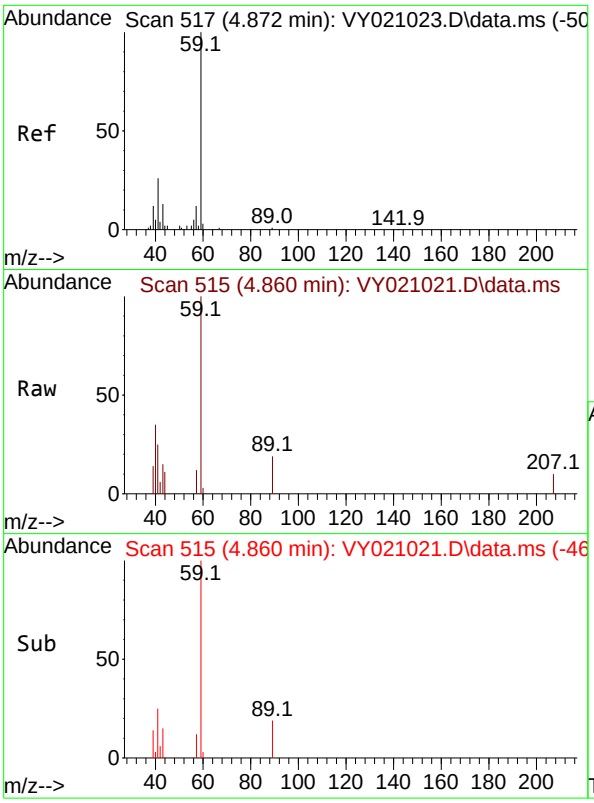


#10
Methyl Iodide
Concen: 10.258 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:142 Resp: 19381

Ion	Ratio	Lower	Upper
142	100		
127	47.5	38.9	58.3
141	13.3	11.7	17.5

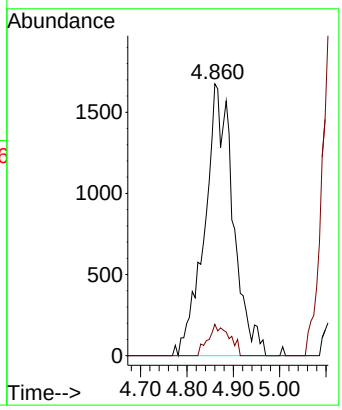




#11
Tert butyl alcohol
Concen: 63.135 ug/l m
RT: 4.860 min Scan# 5
Delta R.T. -0.018 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 59 Resp: 715

Ion	Ratio	Lower	Upper
59	100		
57	8.6	7.8	11.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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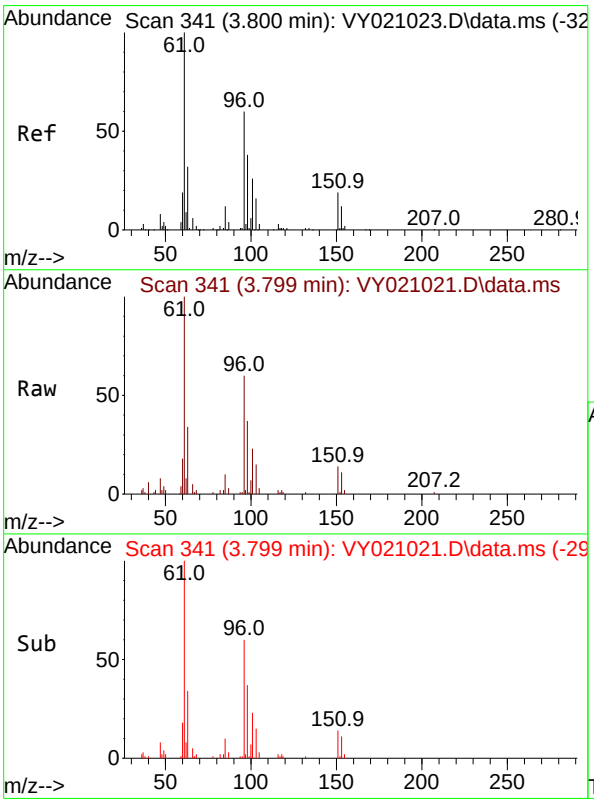
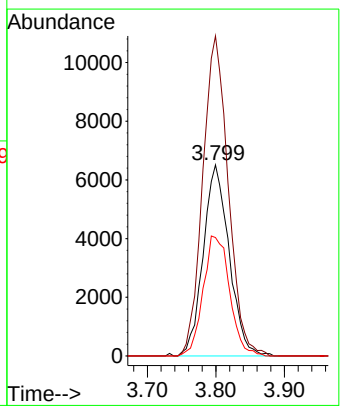
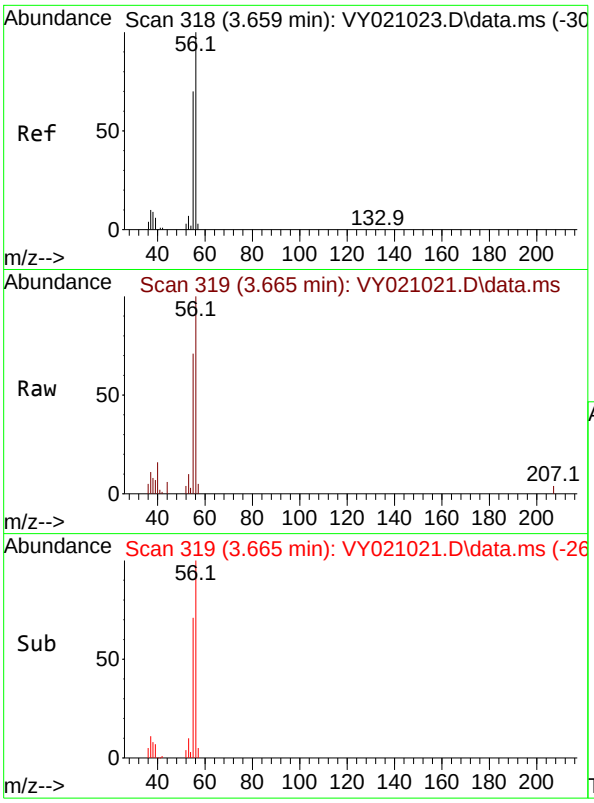


#12
1,1-Dichloroethene
Concen: 11.131 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 96 Resp: 17176

Ion	Ratio	Lower	Upper
96	100		
61	167.5	120.8	181.2
98	62.0	50.6	76.0

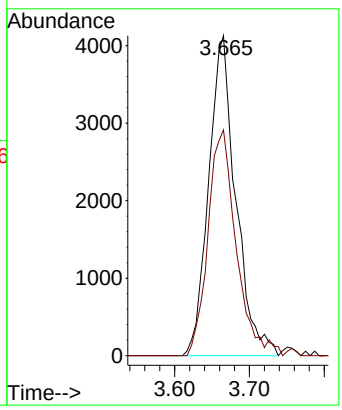




#13
Acrolein
Concen: 79.726 ug/l
RT: 3.665 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 56 Resp: 1040

Ion	Ratio	Lower	Upper
56	100		
55	73.3	56.1	84.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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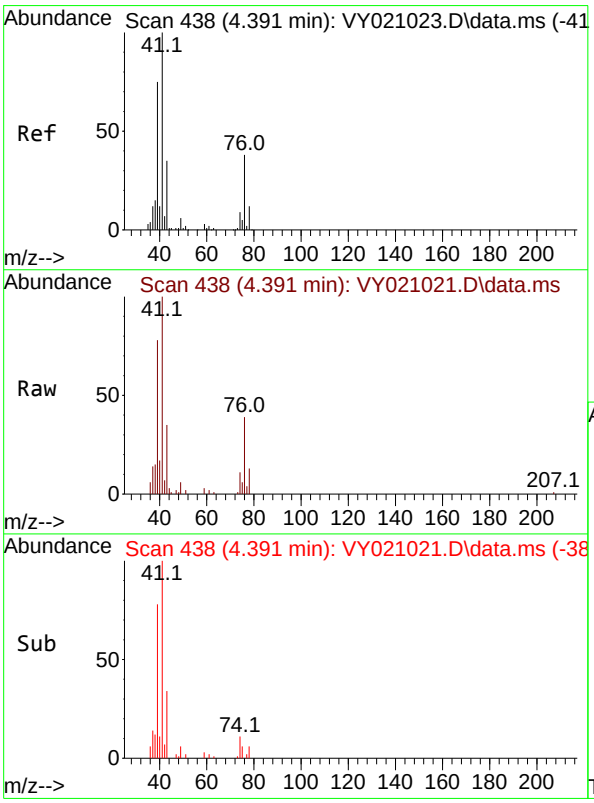
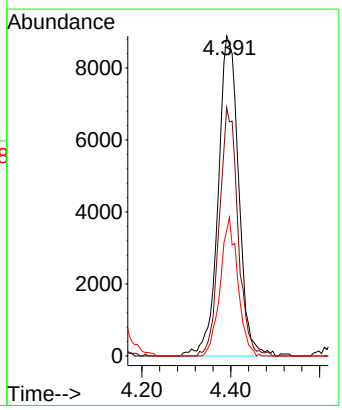
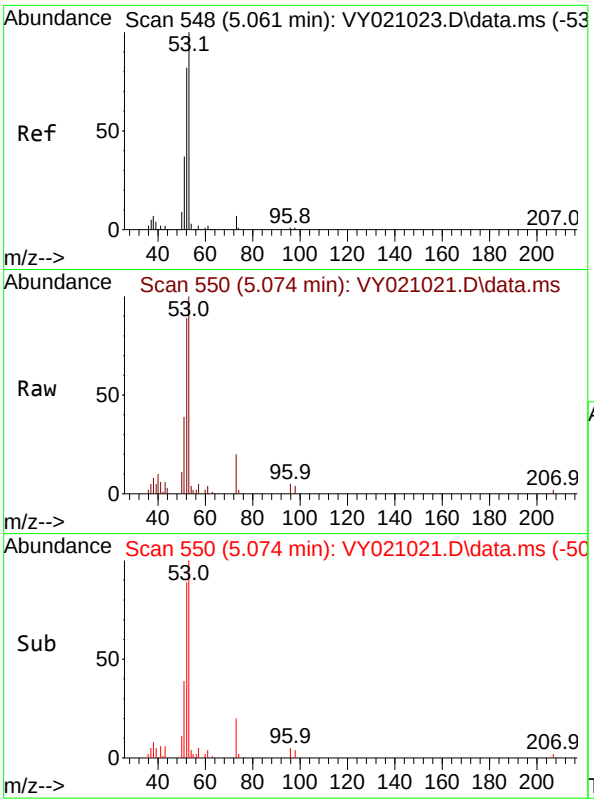


#14
Allyl chloride
Concen: 13.358 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 41 Resp: 28376

Ion	Ratio	Lower	Upper
41	100		
39	70.7	53.5	80.3
76	37.1	34.6	52.0

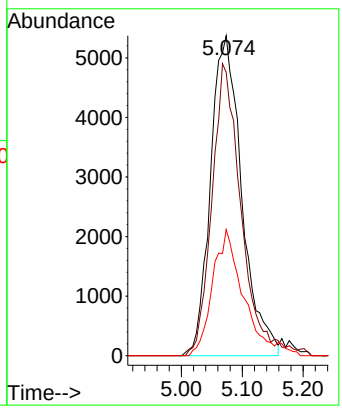




#15
Acrylonitrile
Concen: 63.446 ug/l
RT: 5.074 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 53 Resp: 1910

Ion	Ratio	Lower	Upper
53	100		
52	86.0	66.2	99.4
51	38.0	29.4	44.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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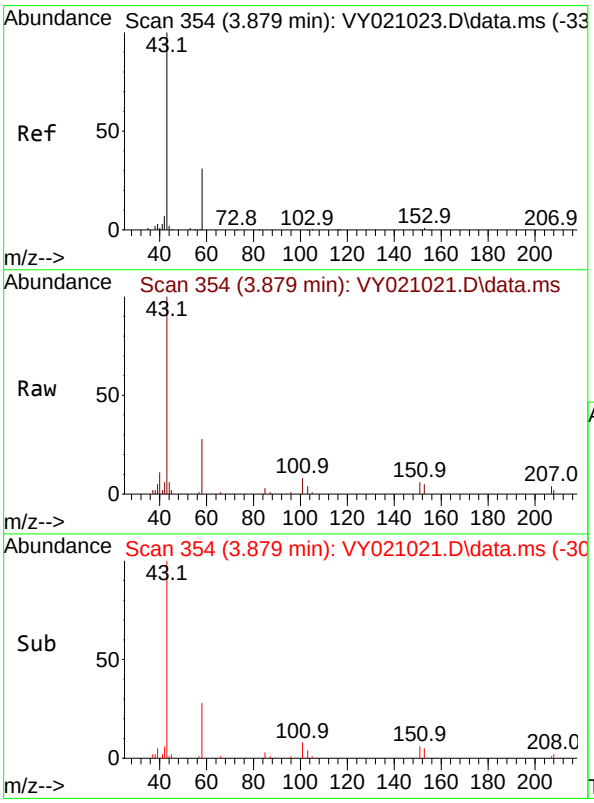
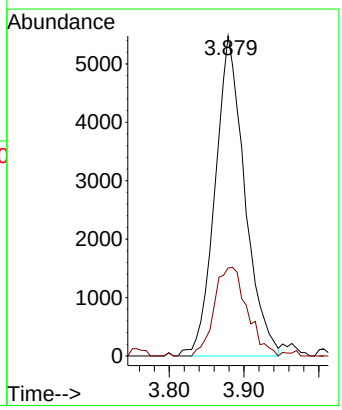
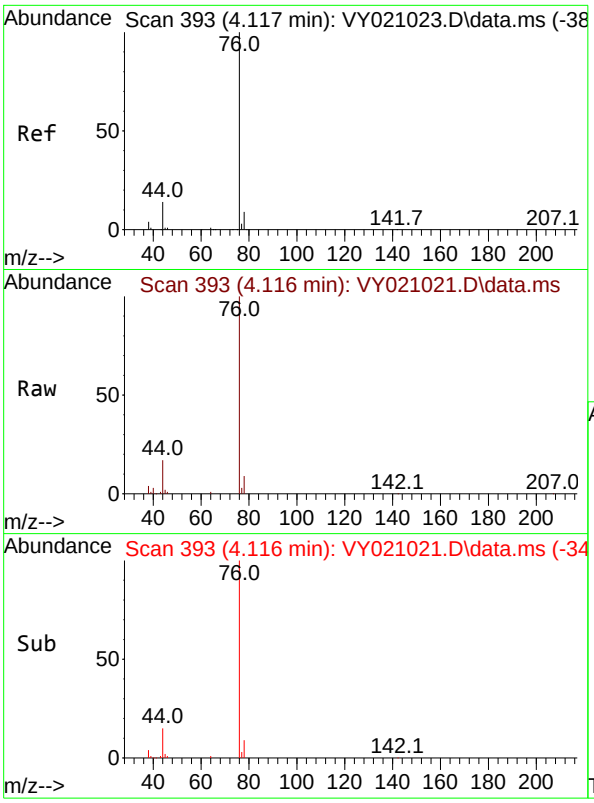


#16
Acetone
Concen: 71.438 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 43 Resp: 15112

Ion	Ratio	Lower	Upper
43	100		
58	27.5	28.4	42.6#

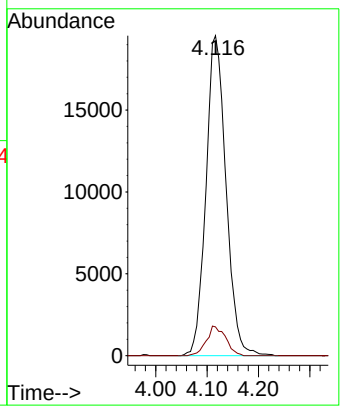




#17
Carbon Disulfide
Concen: 11.171 ug/l
RT: 4.116 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 76 Resp: 5308

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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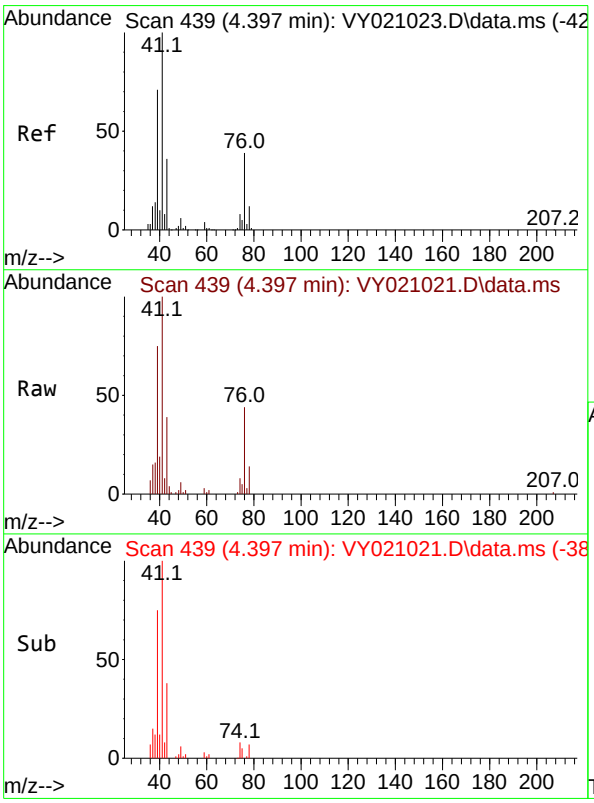
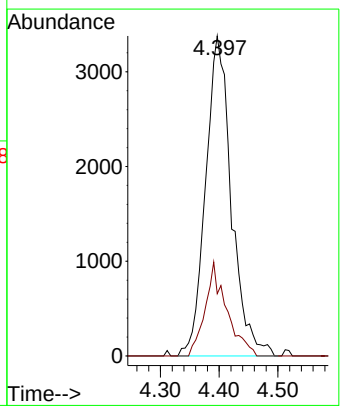
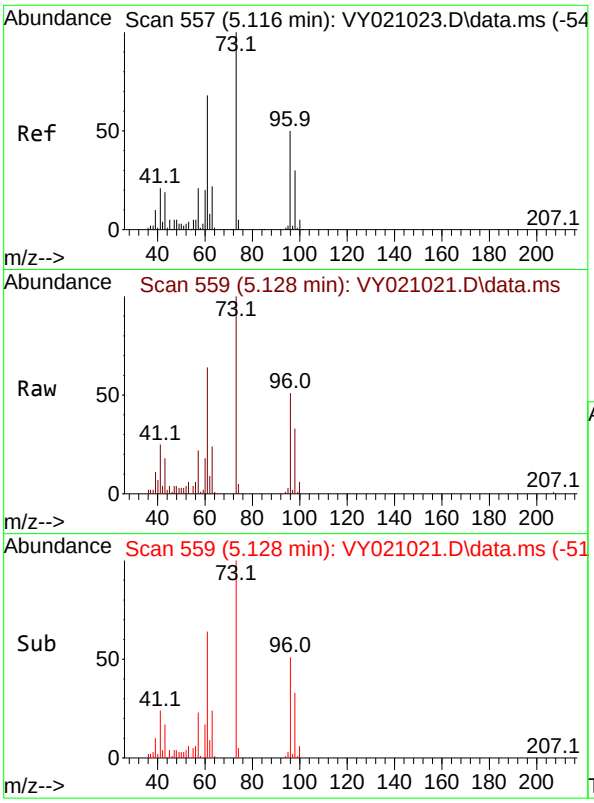


#18
Methyl Acetate
Concen: 13.911 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 43 Resp: 10297

Ion	Ratio	Lower	Upper
43	100		
74	24.6	22.2	33.4

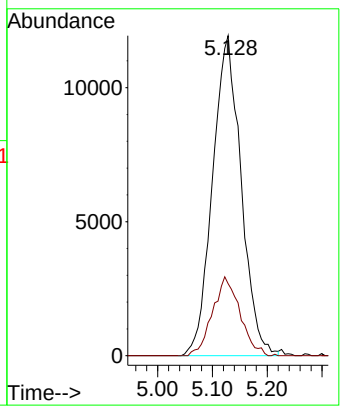




#19
Methyl tert-butyl Ether
Concen: 12.033 ug/l
RT: 5.128 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 73 Resp: 4321

Ion	Ratio	Lower	Upper
73	100		
57	22.5	16.6	25.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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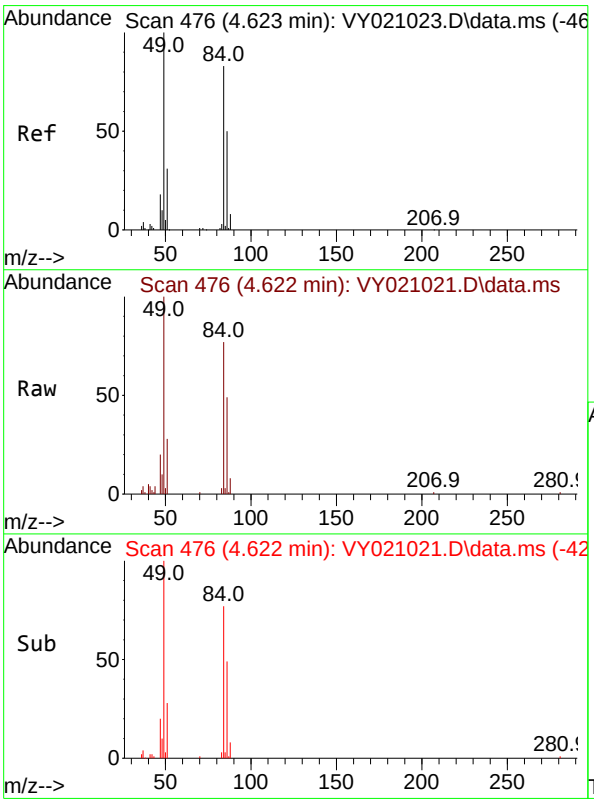
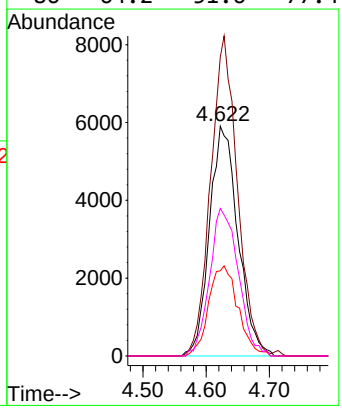
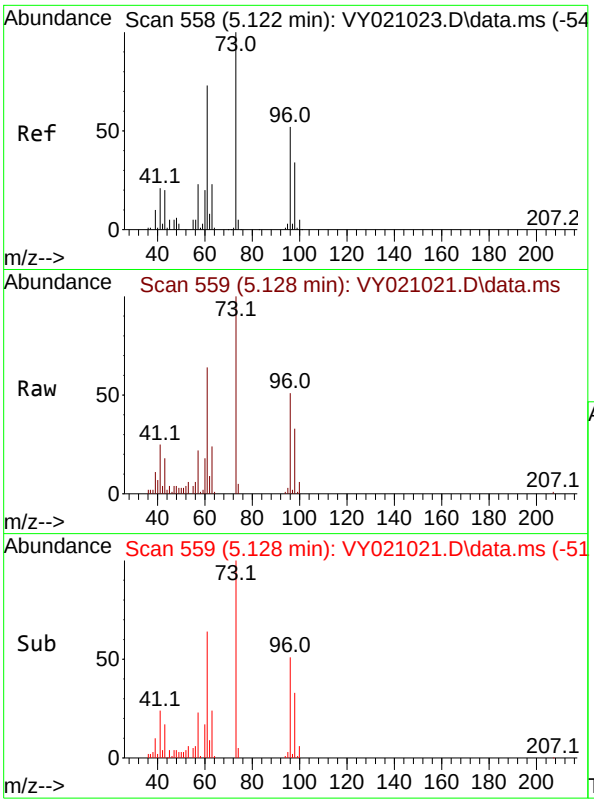


#20
Methylene Chloride
Concen: 11.829 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 84 Resp: 18455

Ion	Ratio	Lower	Upper
84	100		
49	130.0	88.3	132.5
51	37.0	27.7	41.5
86	64.2	51.6	77.4

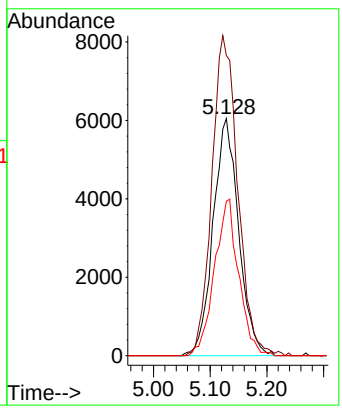




#21
trans-1,2-Dichloroethene
Concen: 11.426 ug/l
RT: 5.128 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 96 Resp: 1890

Ion	Ratio	Lower	Upper
96	100		
61	126.5	101.5	152.3
98	65.1	52.0	78.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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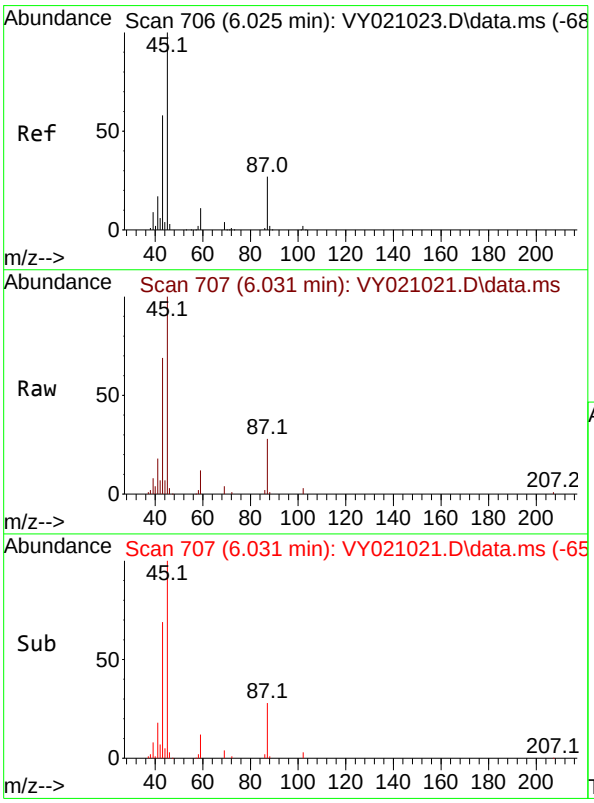
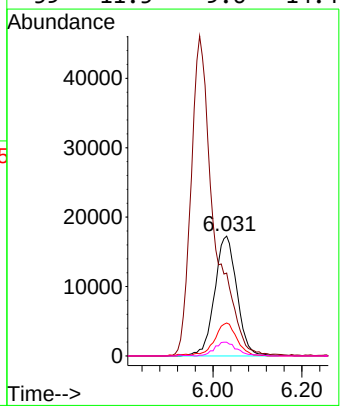
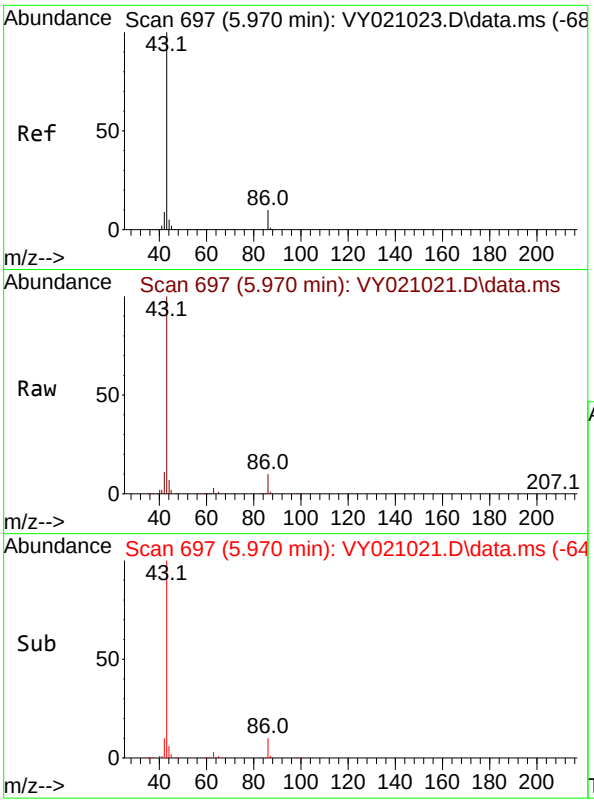


#22
Diisopropyl ether
Concen: 13.831 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 45 Resp: 59888

Ion	Ratio	Lower	Upper
45	100		
43	67.8	45.1	67.7#
87	27.5	25.0	37.4
59	11.5	9.6	14.4





#23
Vinyl Acetate
Concen: 69.409 ug/l
RT: 5.970 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 43 Resp: 16643

Ion	Ratio	Lower	Upper
43	100		
86	9.9	9.7	14.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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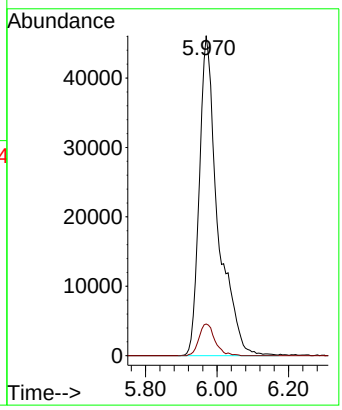
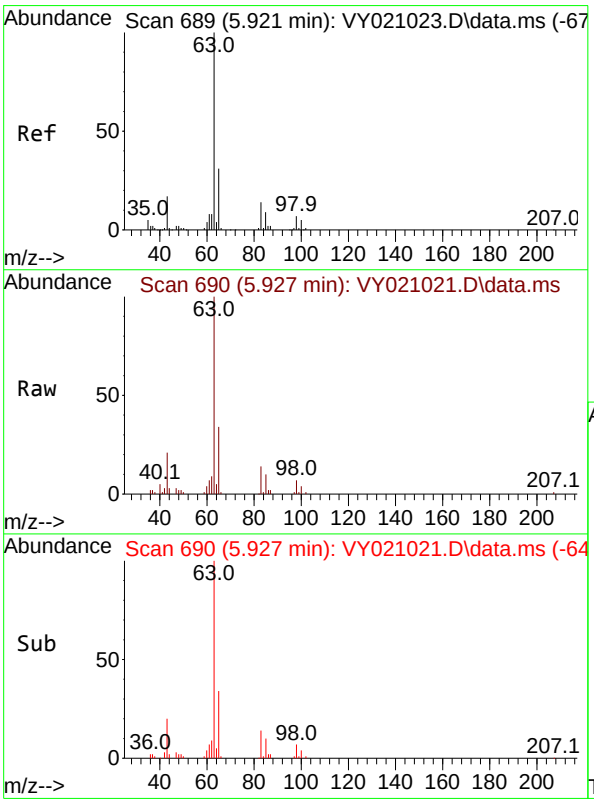
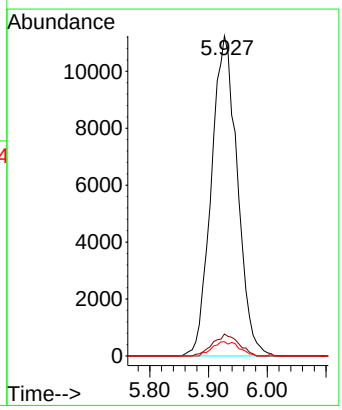


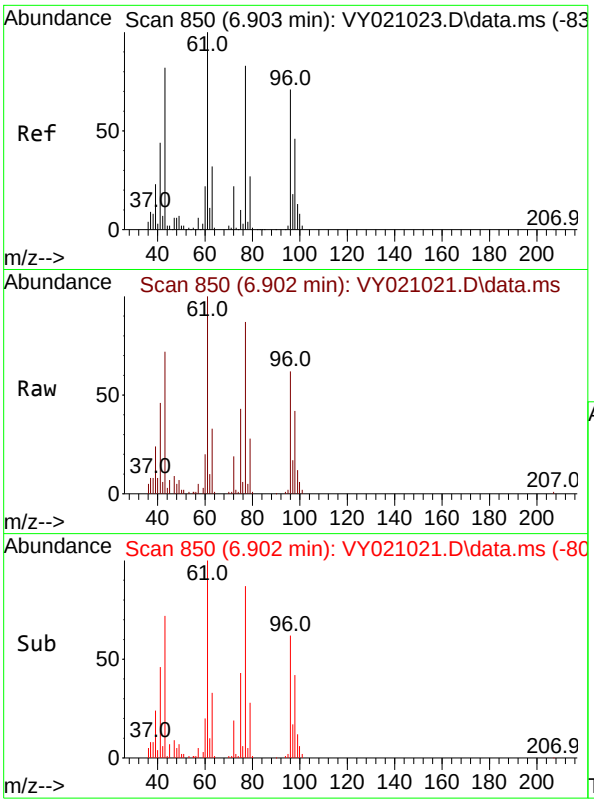


#24
1,1-Dichloroethane
Concen: 12.375 ug/l
RT: 5.927 min Scan# 690
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 63 Resp: 34569

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.7	11.1
100	4.4	2.4	7.2

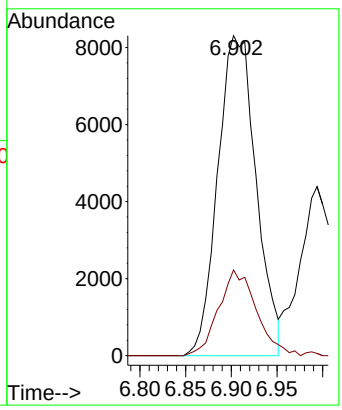




#25
2-Butanone
Concen: 67.624 ug/l
RT: 6.902 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 43 Resp: 2426

Ion	Ratio	Lower	Upper
43	100		
72	26.8	24.3	36.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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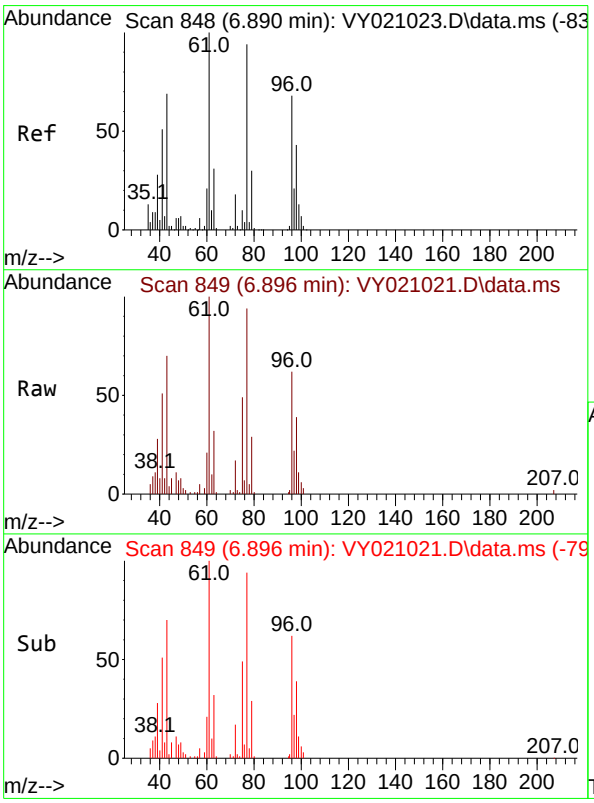
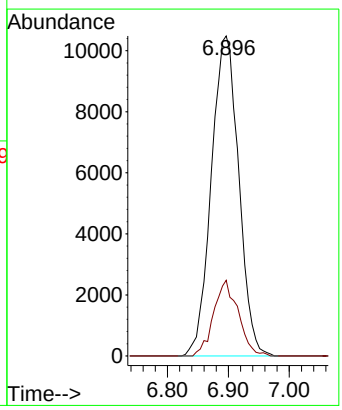
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

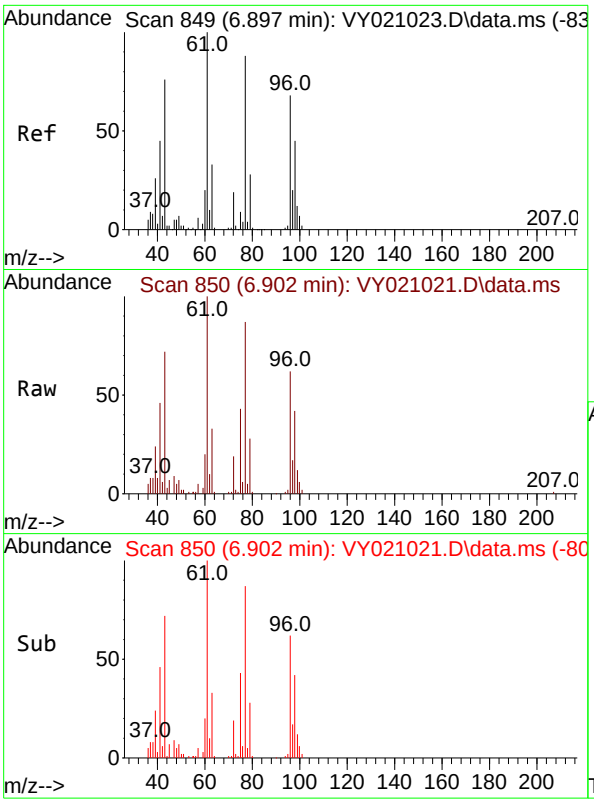


#26
2,2-Dichloropropane
Concen: 11.915 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 77 Resp: 32771

Ion	Ratio	Lower	Upper
77	100		
97	21.3	11.4	34.2

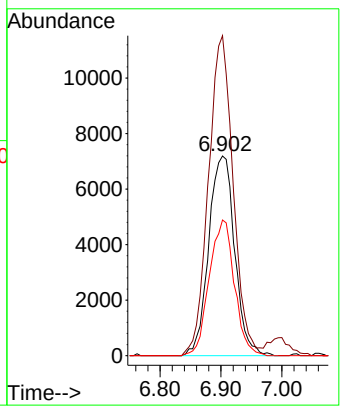




#27
cis-1,2-Dichloroethene
Concen: 11.206 ug/l
RT: 6.902 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 96 Resp: 2130

Ion	Ratio	Lower	Upper
96	100		
61	152.6	0.0	274.0
98	65.8	0.0	130.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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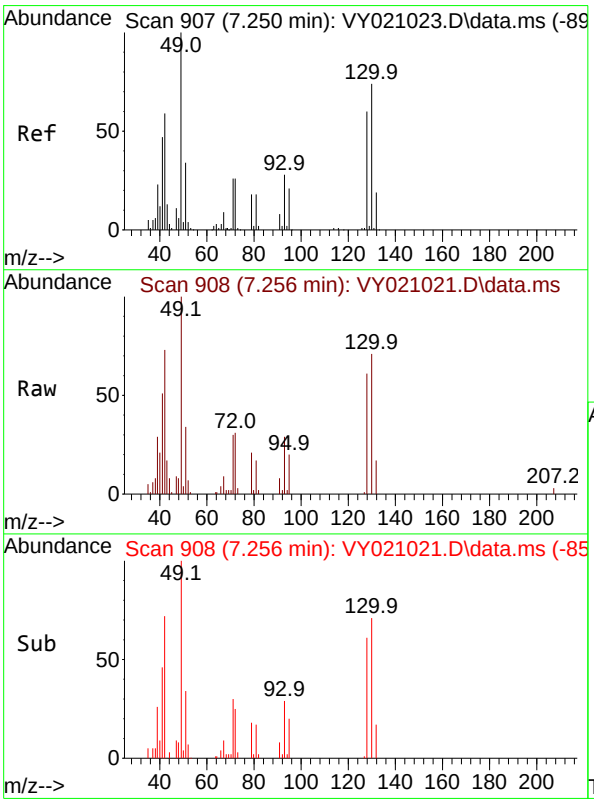
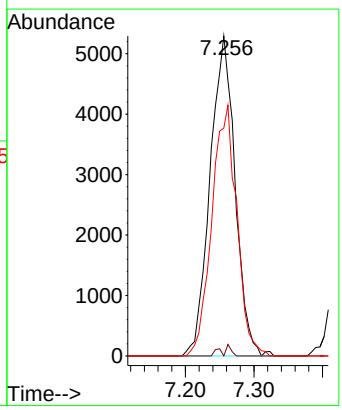
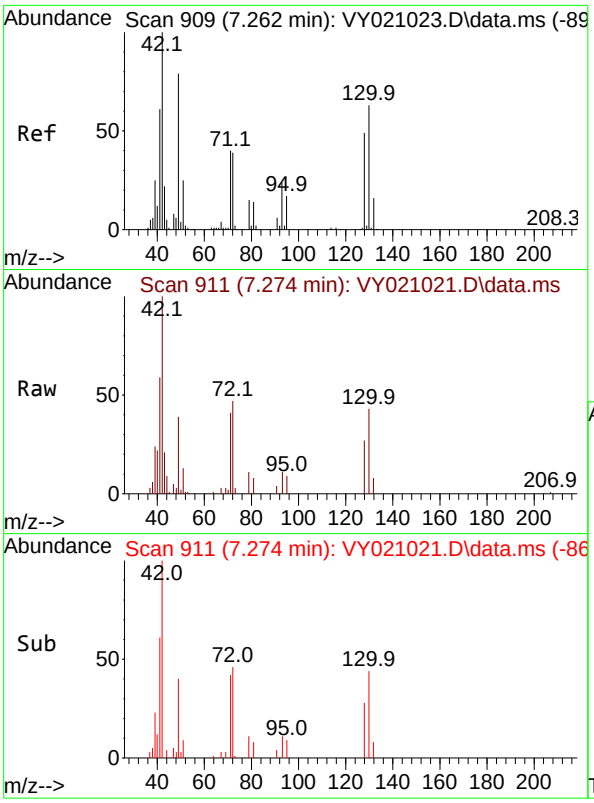


#28
Bromochloromethane
Concen: 12.892 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 49 Resp: 13417

Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	5.0
130	78.2	73.2	109.8

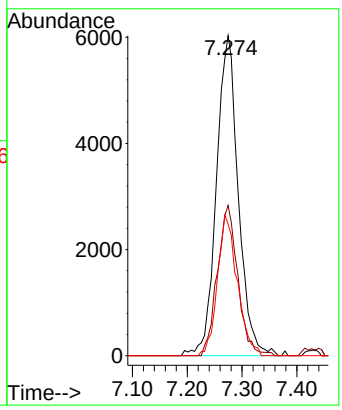




#29
Tetrahydrofuran
Concen: 69.395 ug/l
RT: 7.274 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 42 Resp: 1675

Ion	Ratio	Lower	Upper
42	100		
72	43.8	39.3	58.9
71	39.8	36.1	54.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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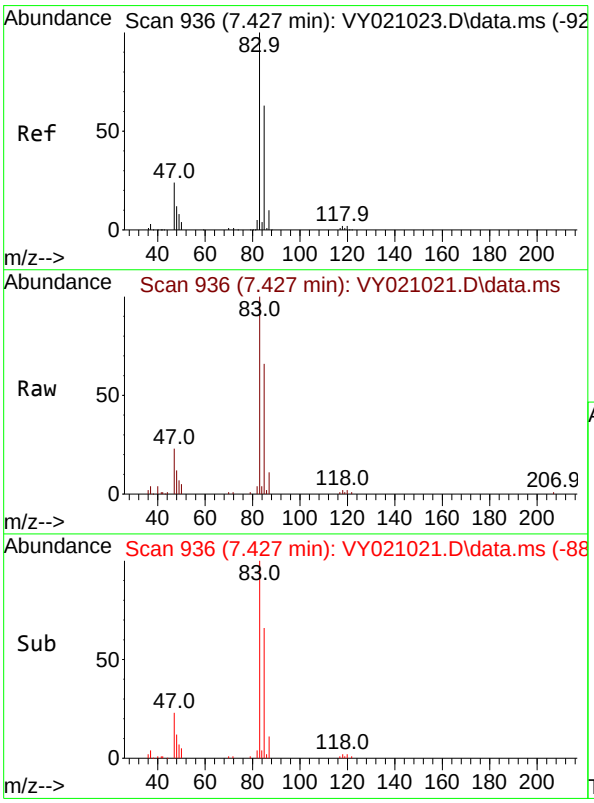
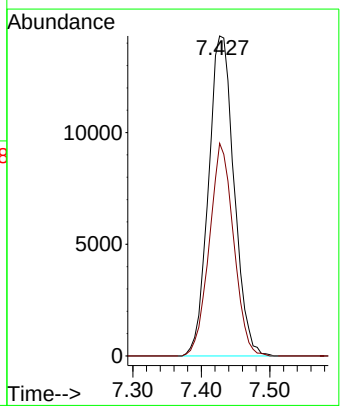
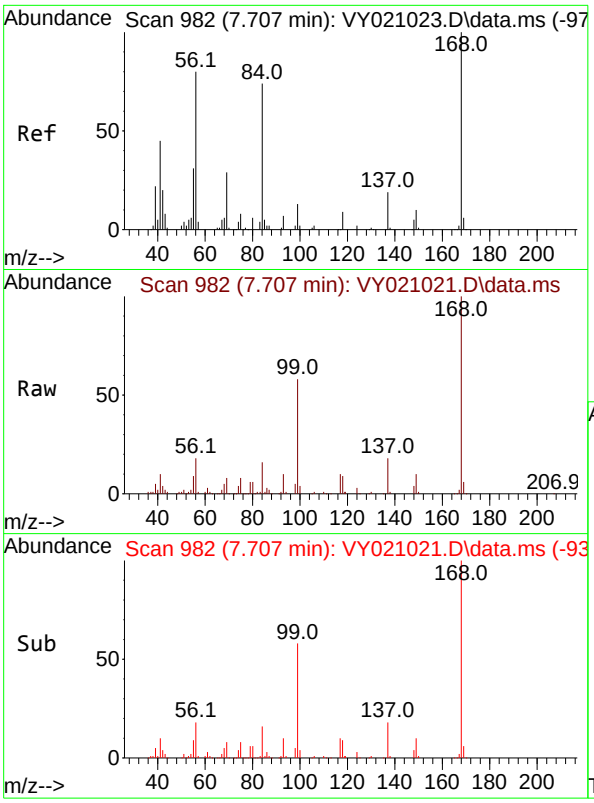


#30
Chloroform
Concen: 12.247 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 83 Resp: 37054

Ion	Ratio	Lower	Upper
83	100		
85	66.4	52.9	79.3





#31
Cyclohexane
Concen: 11.819 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 56 Resp: 3227

Ion	Ratio	Lower	Upper
56	100		
69	44.9	27.7	41.5
84	87.6	77.5	116.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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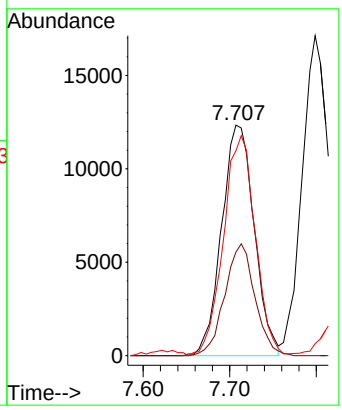
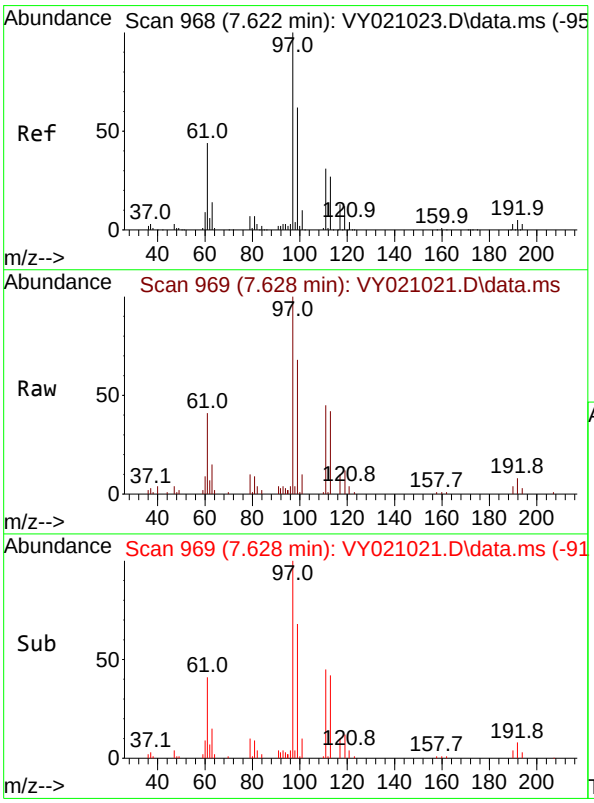
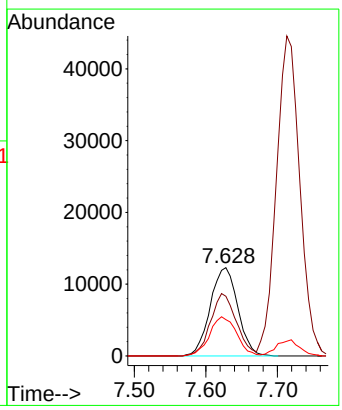


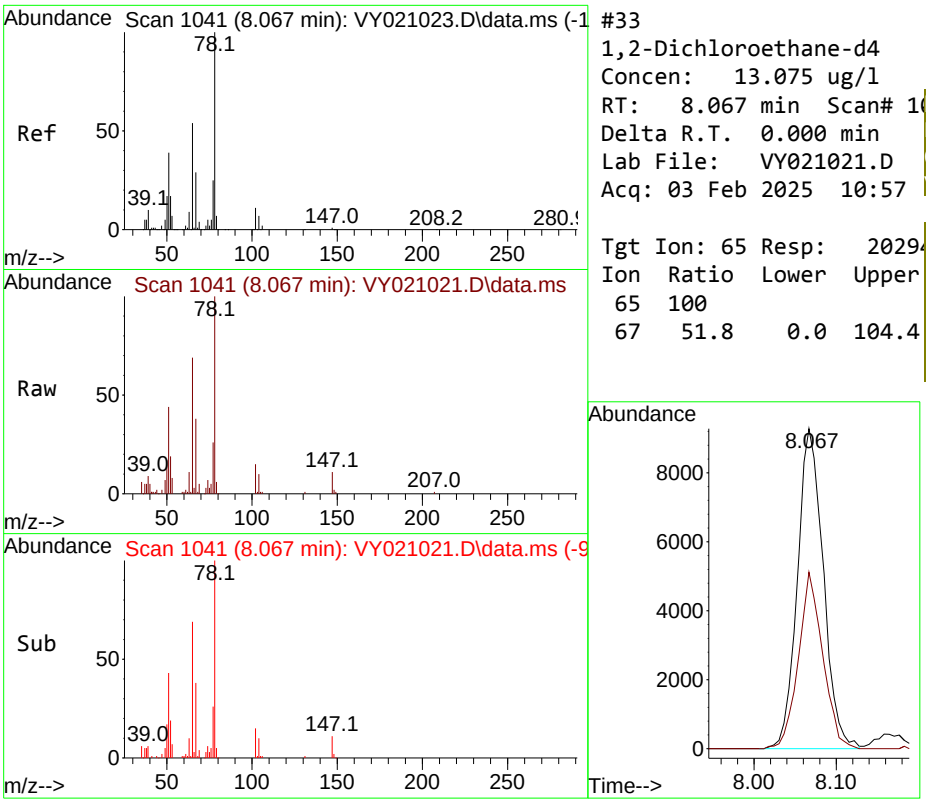


#32
1,1,1-Trichloroethane
Concen: 11.223 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 97 Resp: 32862

Ion	Ratio	Lower	Upper
97	100		
99	66.6	51.4	77.0
61	43.8	31.4	47.0





#33
1,2-Dichloroethane-d4
Concen: 13.075 ug/l
RT: 8.067 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 65 Resp: 2029

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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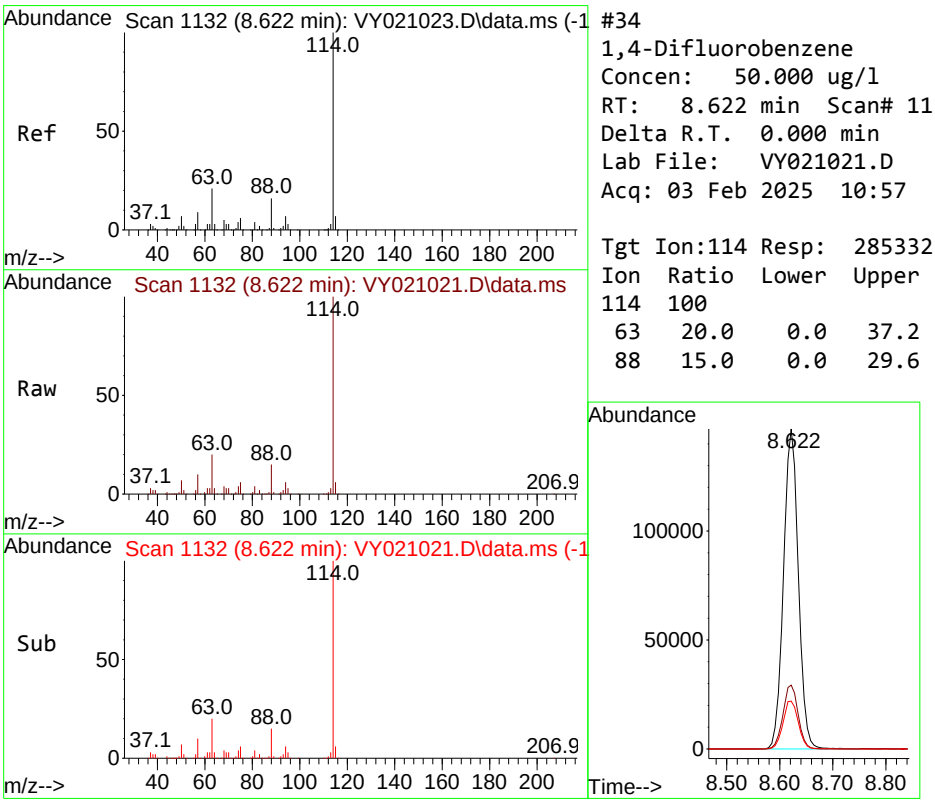
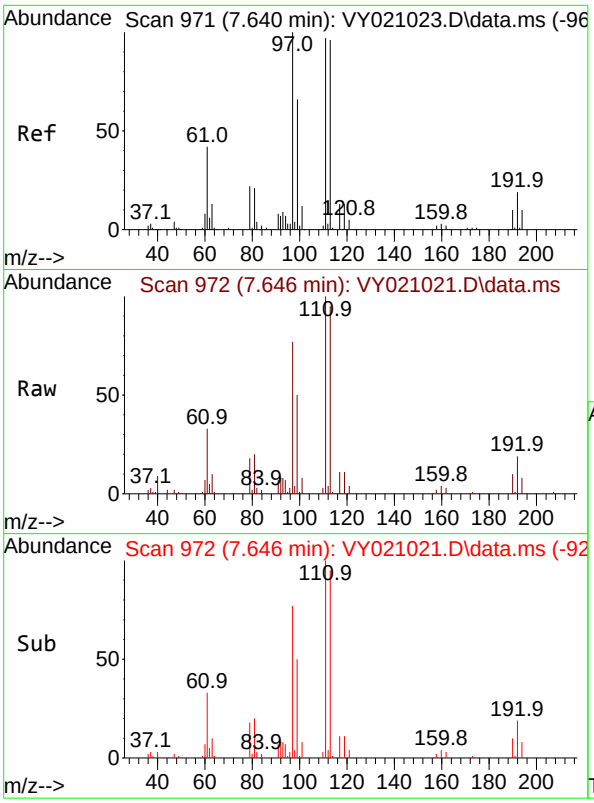
Supervised By :Semsettin Yesilyurt 02/04/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:114 Resp: 285332

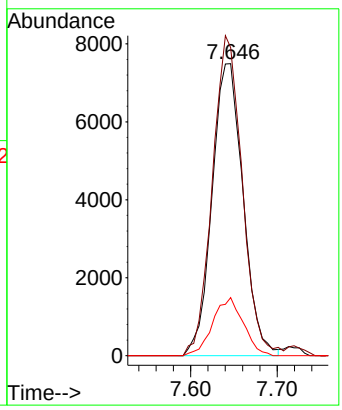
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	37.2
88	15.0	0.0	29.6



#35
Dibromofluoromethane
Concen: 10.859 ug/l
RT: 7.646 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:113 Resp: 1862

Ion	Ratio	Lower	Upper
113	100		
111	105.3	82.6	123.8
192	19.6	16.8	25.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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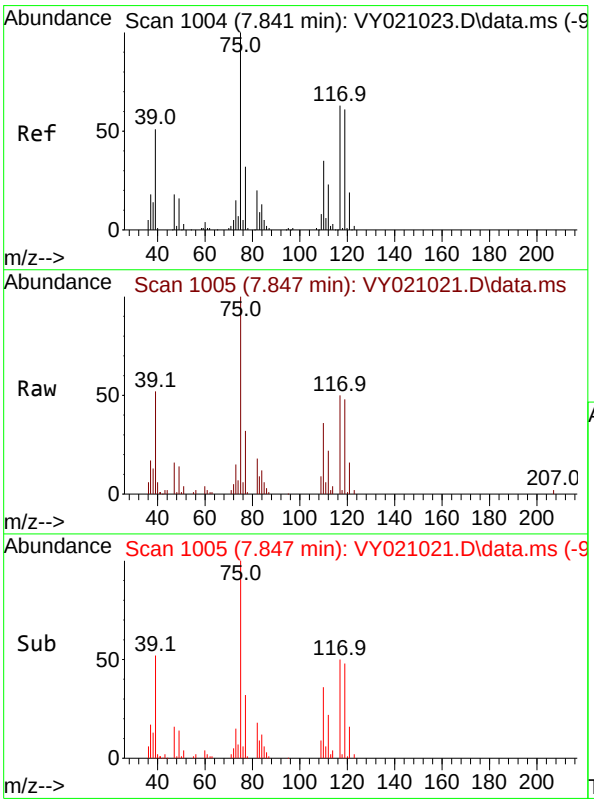
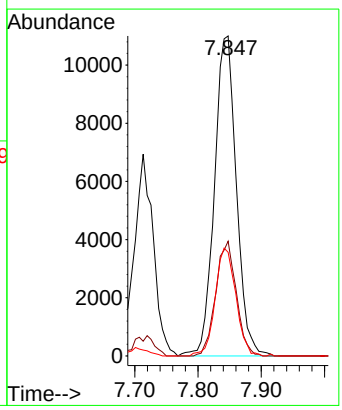
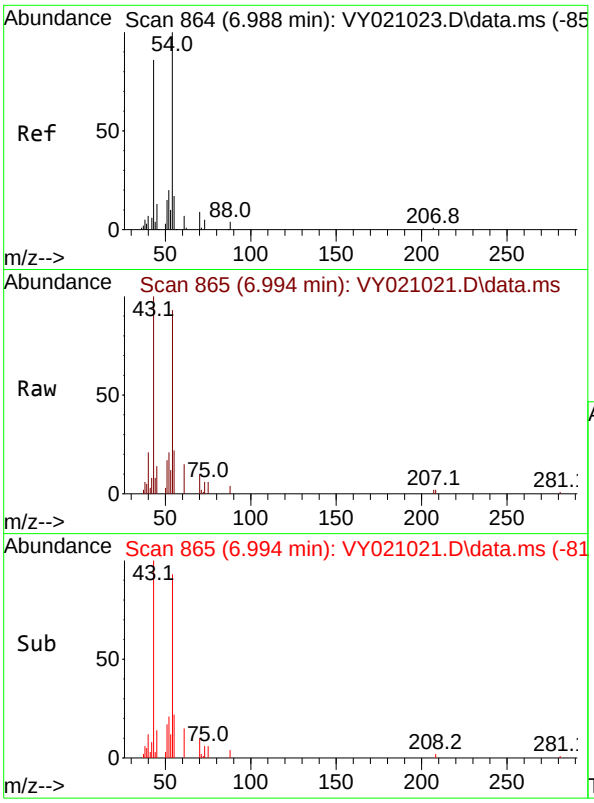


#36
1,1-Dichloropropene
Concen: 10.820 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 75 Resp: 26479

Ion	Ratio	Lower	Upper
75	100		
110	33.6	18.4	55.2
77	31.8	24.9	37.3

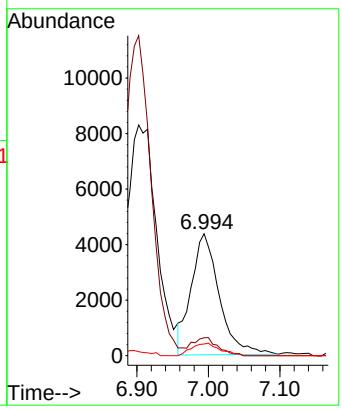




#37
Ethyl Acetate
Concen: 13.017 ug/l
RT: 6.994 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 43 Resp: 1187

Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.4	17.0
70	10.3	9.6	14.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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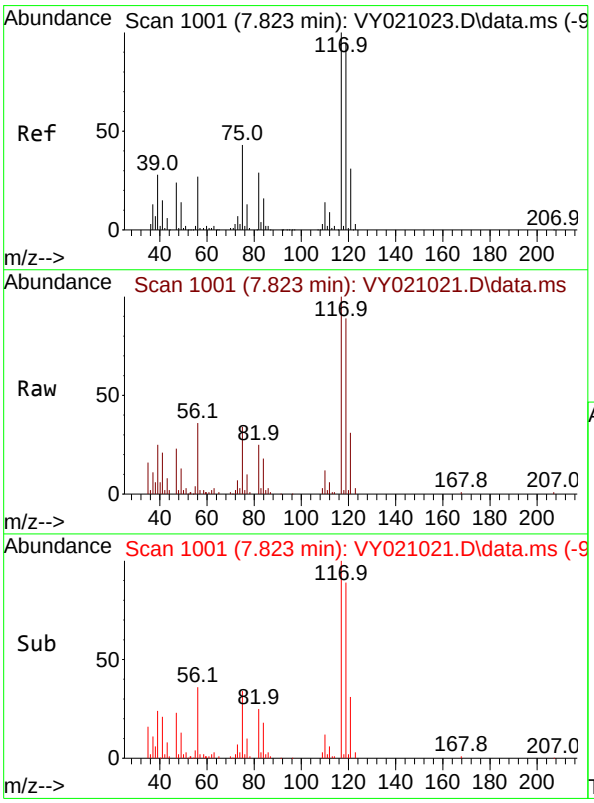
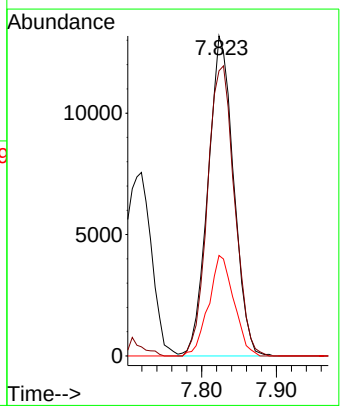
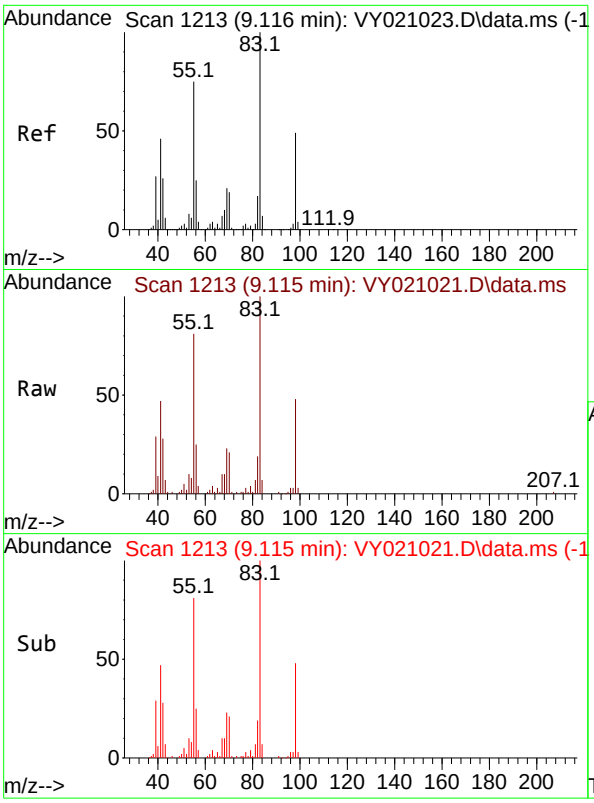


#38
Carbon Tetrachloride
Concen: 10.389 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:117 Resp: 31462

Ion	Ratio	Lower	Upper
117	100		
119	89.1	75.0	112.6
121	31.4	24.2	36.2





#39
Methylcyclohexane
Concen: 9.549 ug/l
RT: 9.115 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 83 Resp: 3139

Ion	Ratio	Lower	Upper
83	100		
55	80.9	54.9	82.3
98	48.1	40.5	60.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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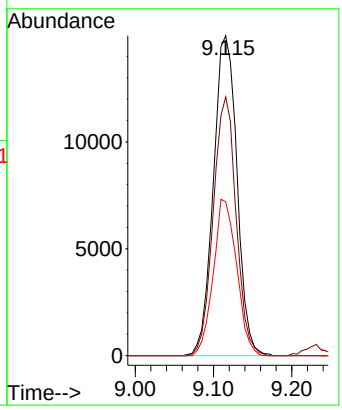
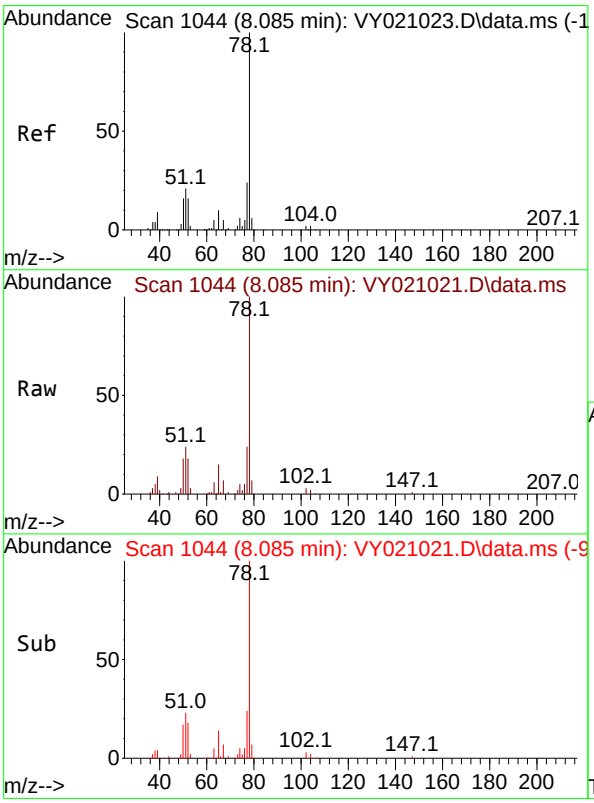
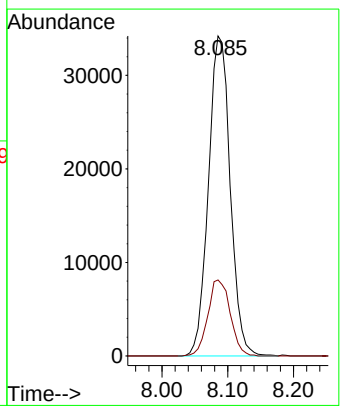


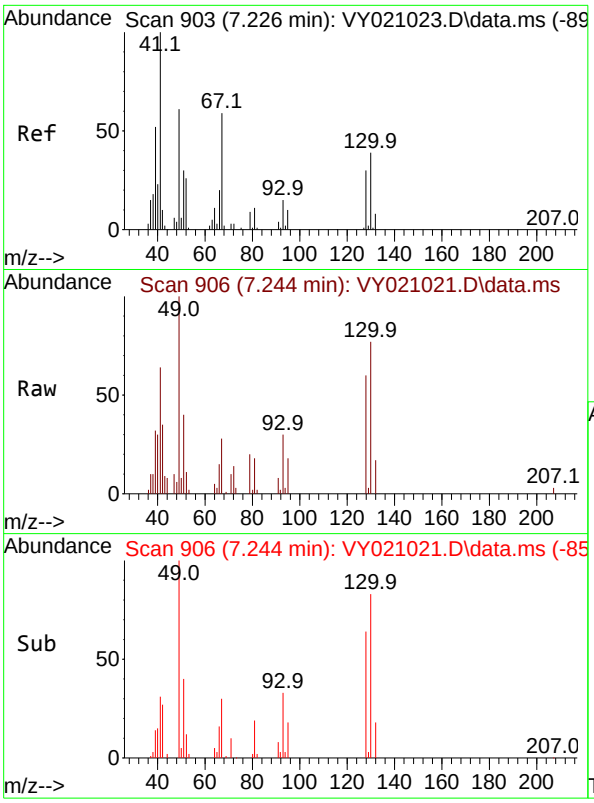


#40
Benzene
Concen: 10.950 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 78 Resp: 78846

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.4	29.2

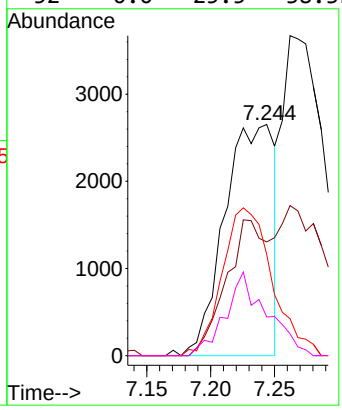




#41
Methacrylonitrile
Concen: 14.253 ug/l m
RT: 7.244 min Scan# 9
Delta R.T. 0.019 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 41 Resp: 719

Ion	Ratio	Lower	Upper
41	100		
39	57.7	41.6	62.4
67	0.0	63.8	95.6#
52	0.0	25.5	38.3#



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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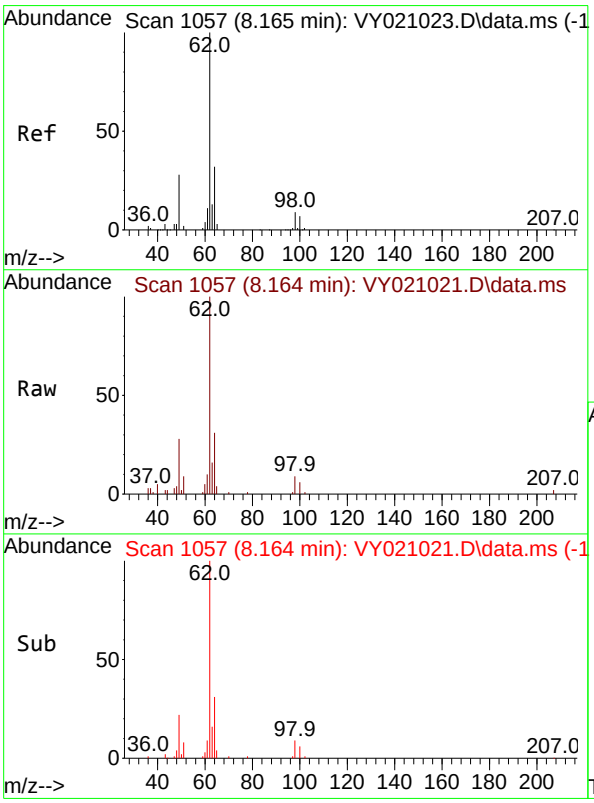
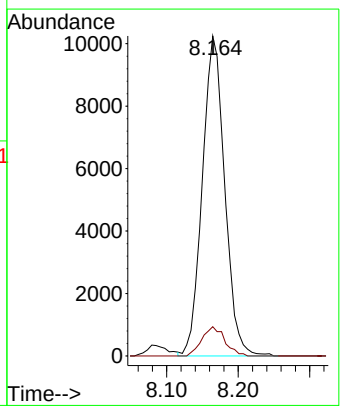
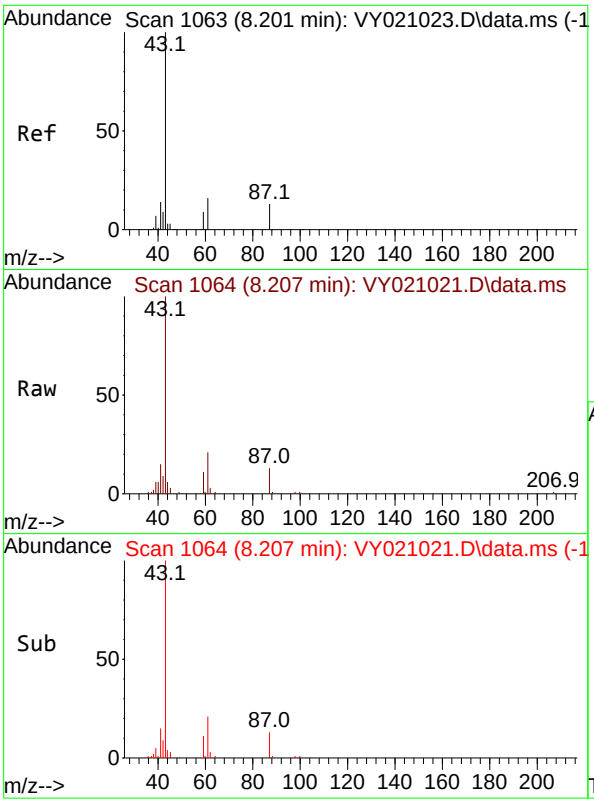


#42
1,2-Dichloroethane
Concen: 12.201 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 62 Resp: 22281

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.4





#43
Isopropyl Acetate
Concen: 13.055 ug/l
RT: 8.207 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 43 Resp: 2379

Ion	Ratio	Lower	Upper
43	100		
61	29.8	15.8	23.6#
87	12.1	12.5	18.7#

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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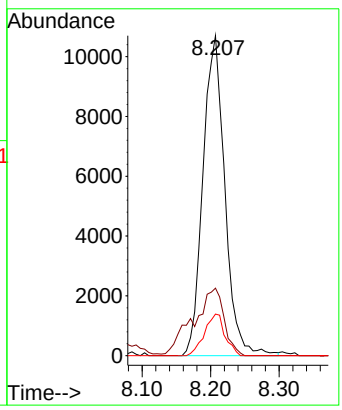
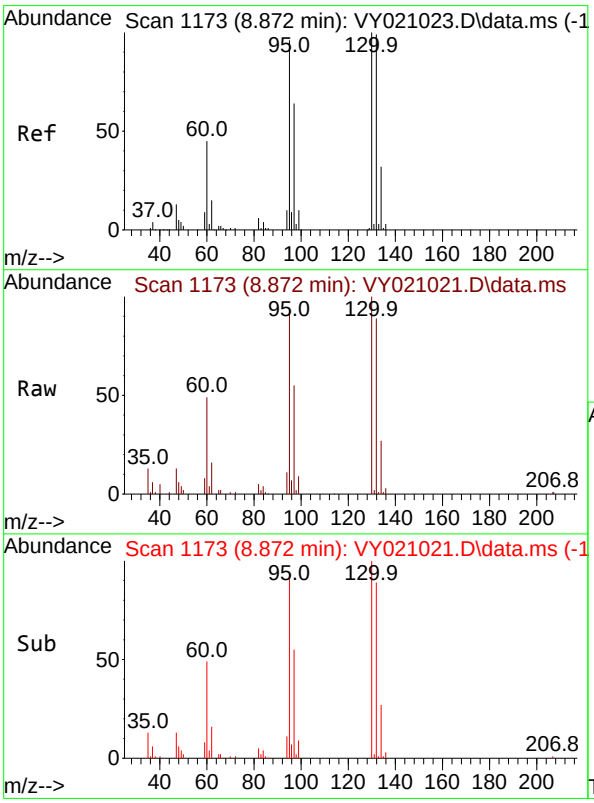
Supervised By :Semsettin Yesilyurt 02/04/2025

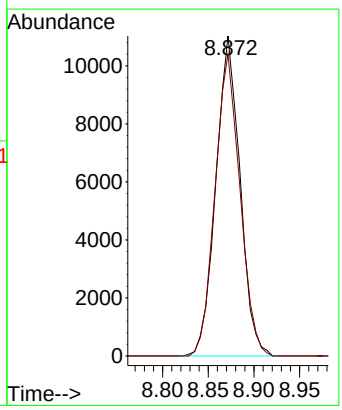


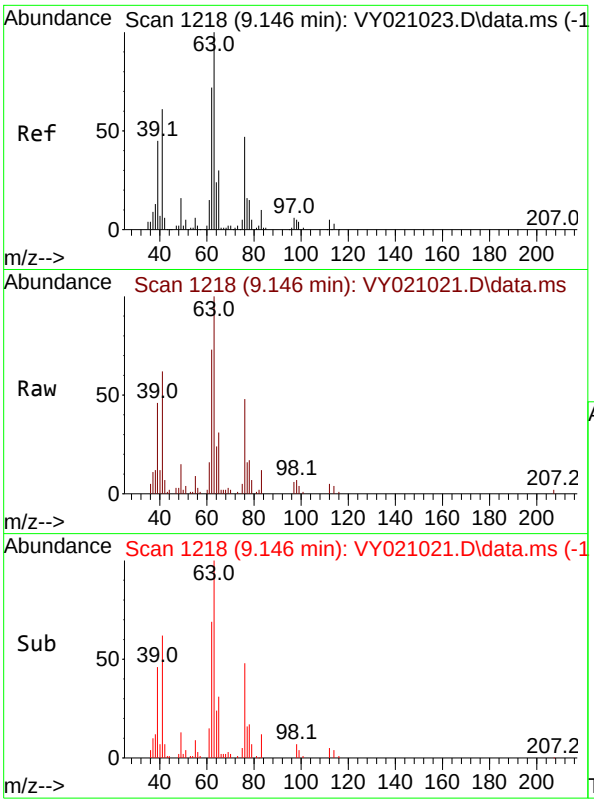


#44
Trichloroethene
Concen: 10.197 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:130 Resp: 20261

Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	189.6

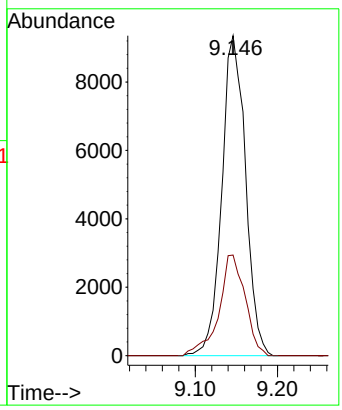




#45
1,2-Dichloropropane
Concen: 11.627 ug/l
RT: 9.146 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 63 Resp: 1876

Ion	Ratio	Lower	Upper
63	100		
65	31.5	23.6	35.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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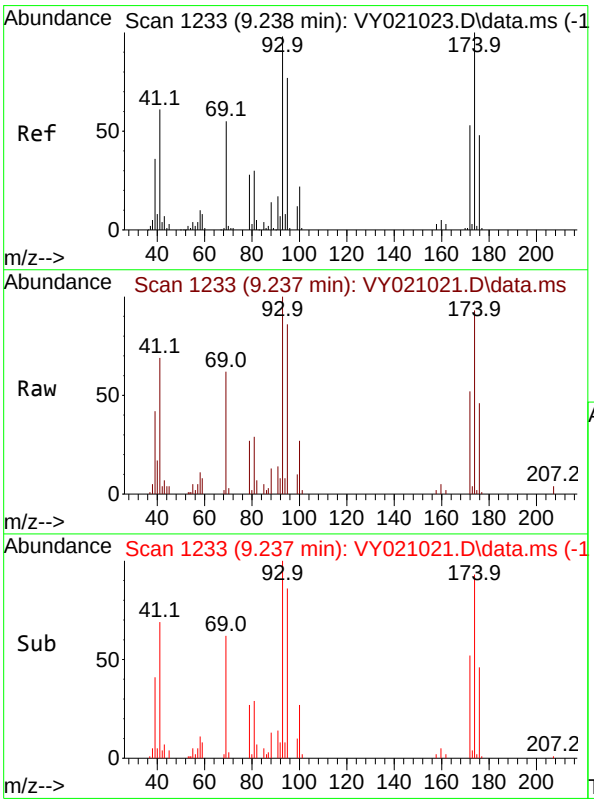
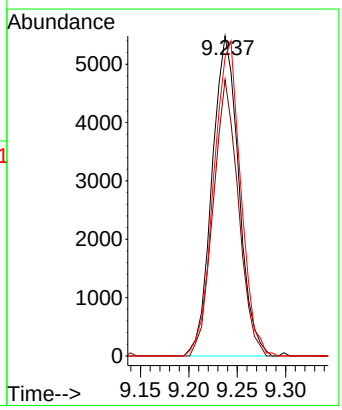
Supervised By :Semsettin Yesilyurt 02/04/2025

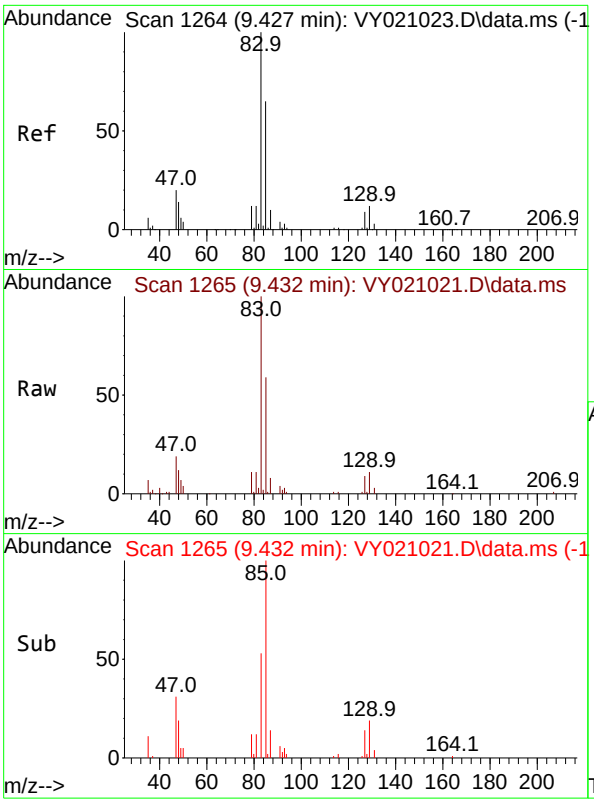


#46
Dibromomethane
Concen: 11.191 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 93 Resp: 10511

Ion	Ratio	Lower	Upper
93	100		
95	81.3	65.8	98.8
174	99.5	88.1	132.1

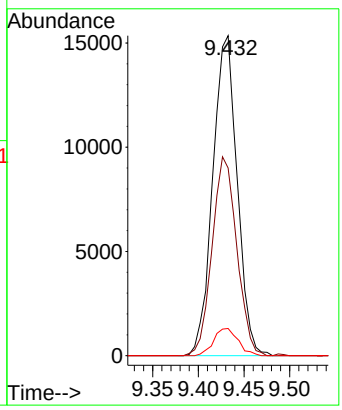




#47
Bromodichloromethane
Concen: 11.570 ug/l
RT: 9.432 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 83 Resp: 2853

Ion	Ratio	Lower	Upper
83	100		
85	58.7	49.6	74.4
127	8.5	7.1	10.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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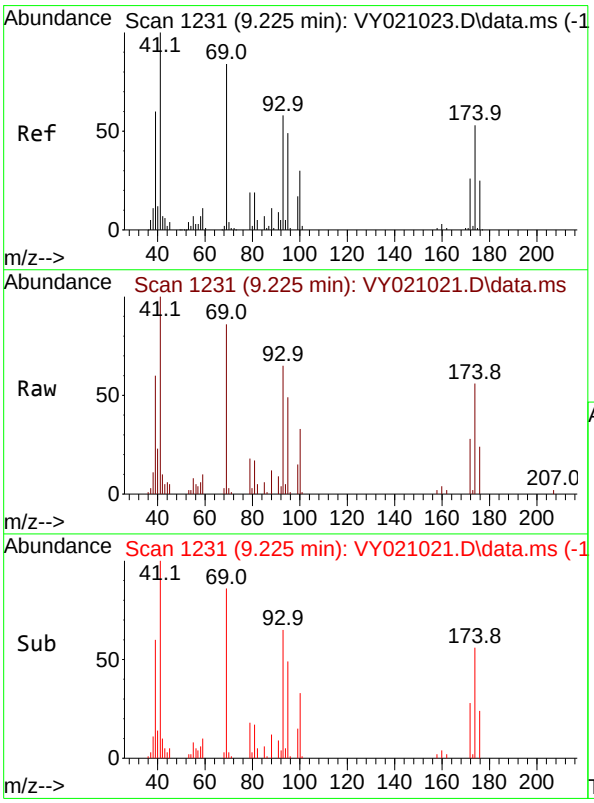
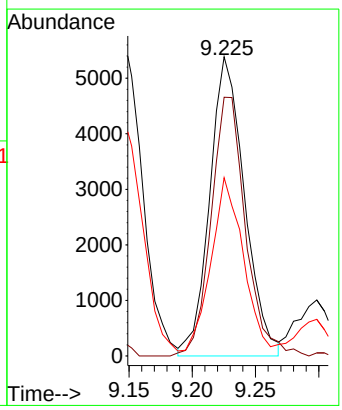
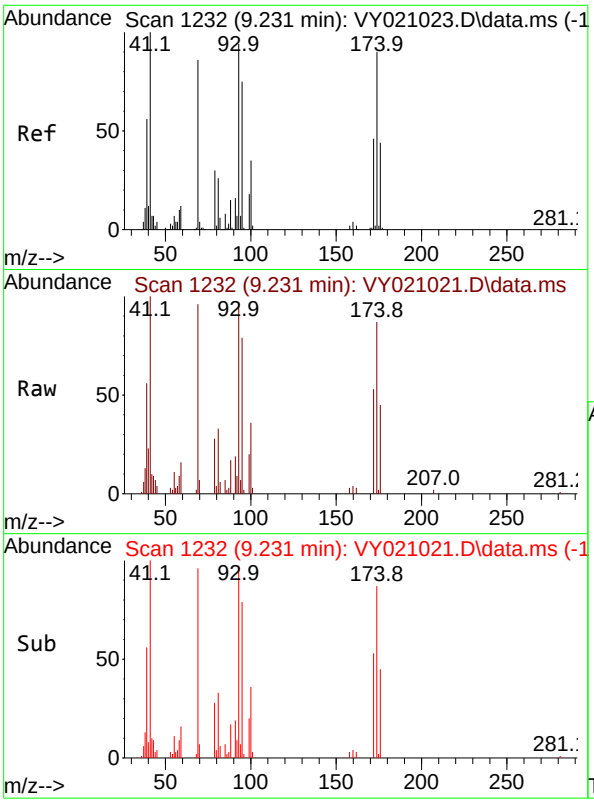


#48
Methyl methacrylate
Concen: 11.866 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 41 Resp: 10297

Ion	Ratio	Lower	Upper
41	100		
69	85.7	75.6	113.4
39	54.0	41.3	61.9

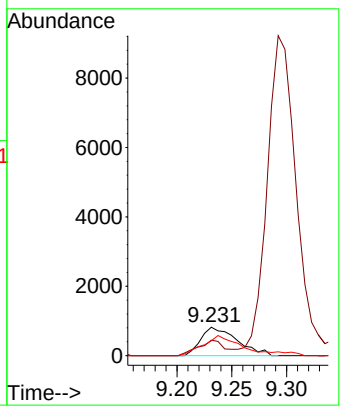




#49
1,4-Dioxane
Concen: 188.876 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 88 Resp: 188

Ion	Ratio	Lower	Upper
88	100		
43	39.2	24.2	36.4
58	79.4	57.3	85.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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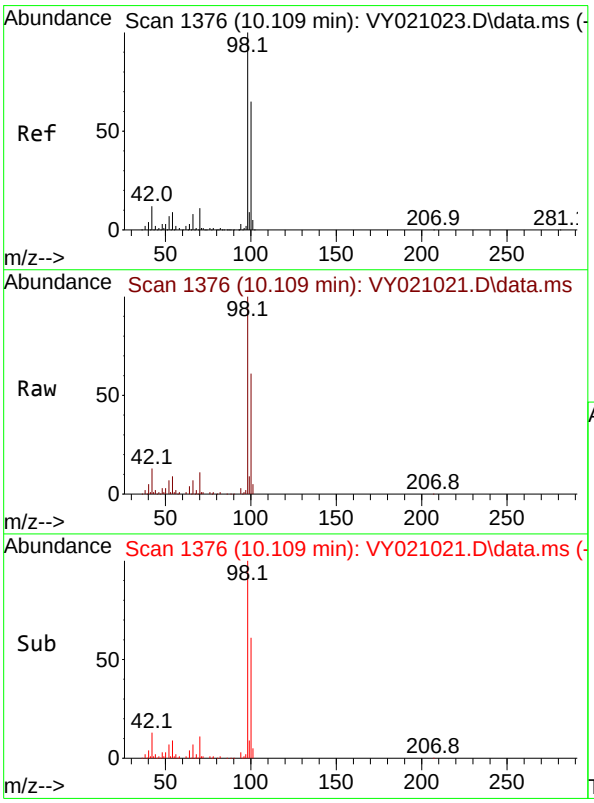
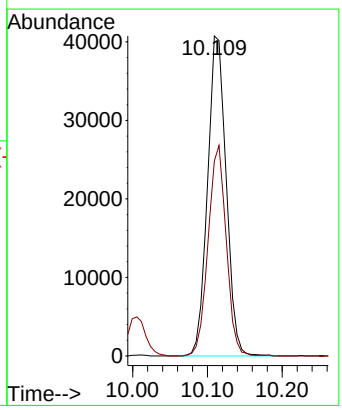
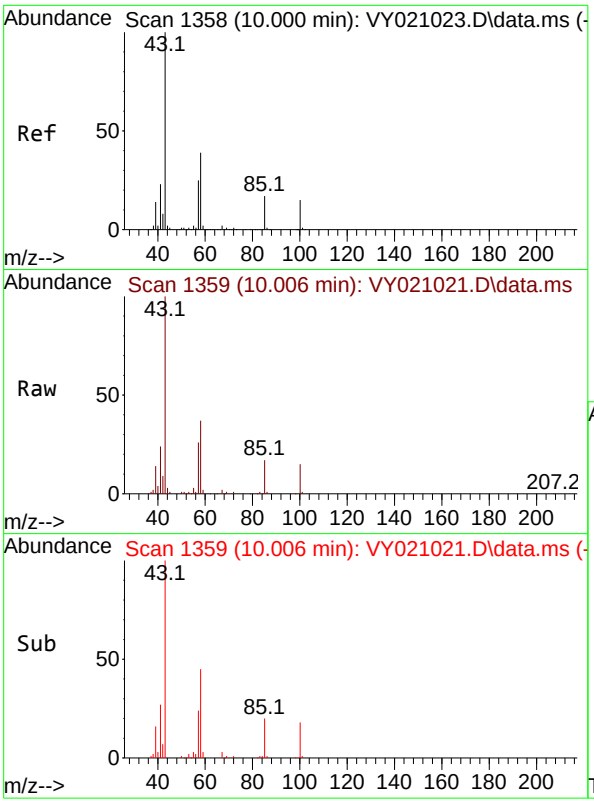


#50
Toluene-d8
Concen: 10.540 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 98 Resp: 70569

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.6	79.0





#51
4-Methyl-2-Pentanone
Concen: 64.159 ug/l
RT: 10.006 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 43 Resp: 6008

Ion	Ratio	Lower	Upper
43	100		
58	38.5	33.8	50.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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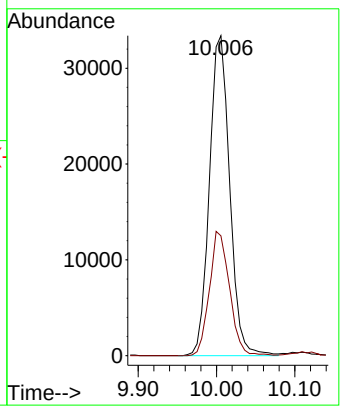
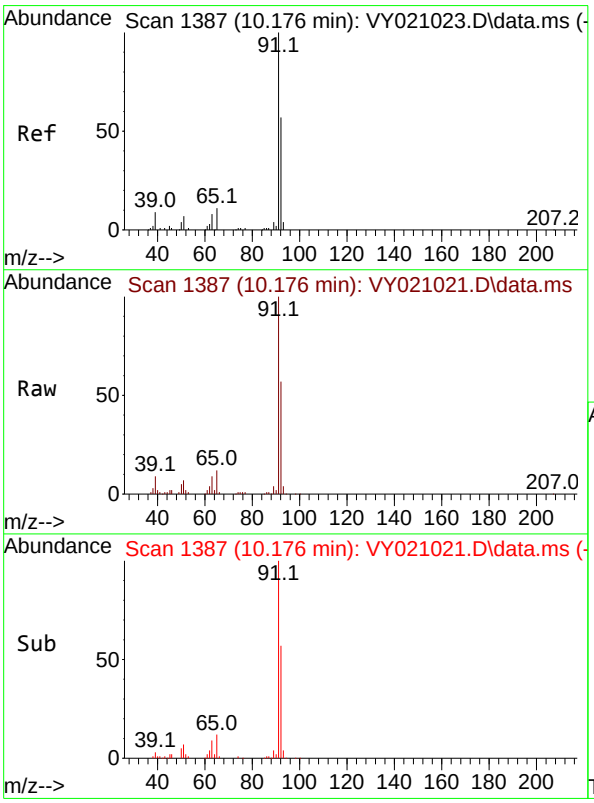
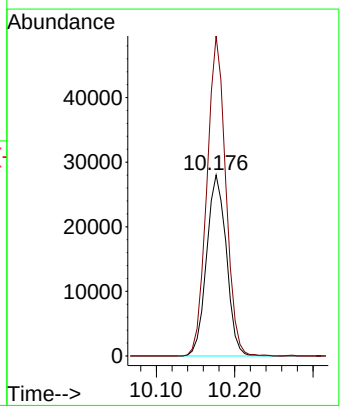


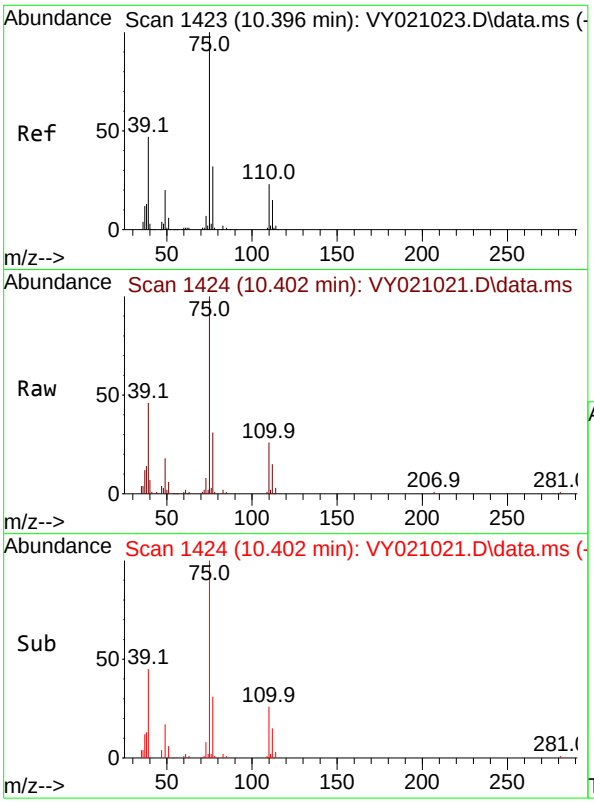


#52
Toluene
Concen: 10.457 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 92 Resp: 48876

Ion	Ratio	Lower	Upper
92	100		
91	168.9	135.8	203.8





#53
t-1,3-Dichloropropene
Concen: 10.888 ug/l
RT: 10.402 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 75 Resp: 2430

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.9	38.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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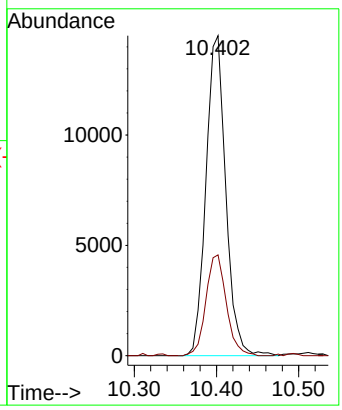
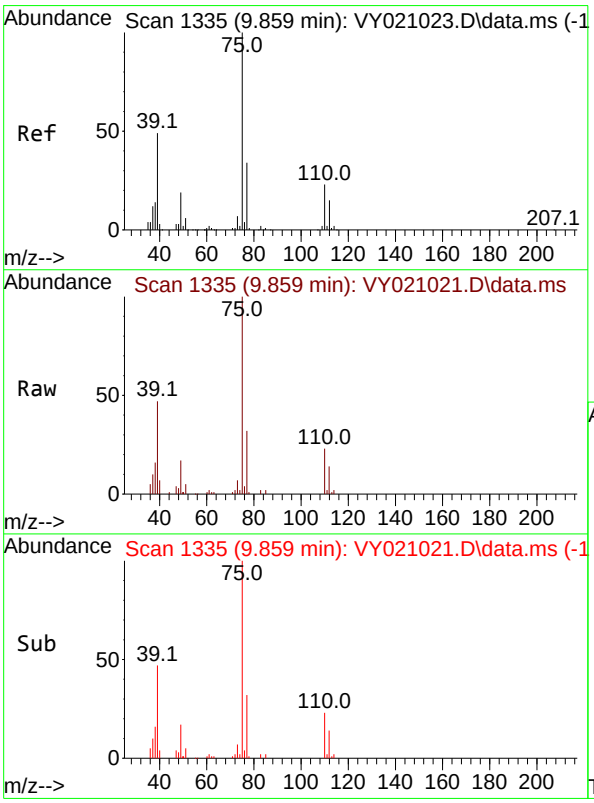
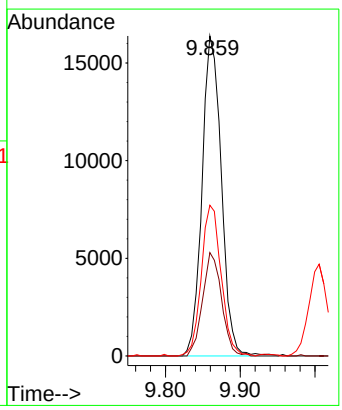


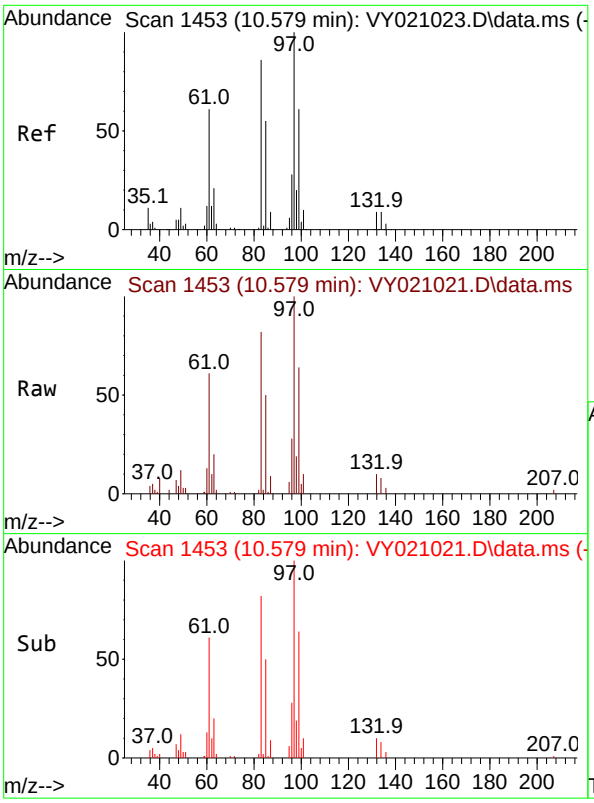


#54
cis-1,3-Dichloropropene
Concen: 11.031 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 75 Resp: 29426

Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.4	38.0
39	47.1	32.2	48.2

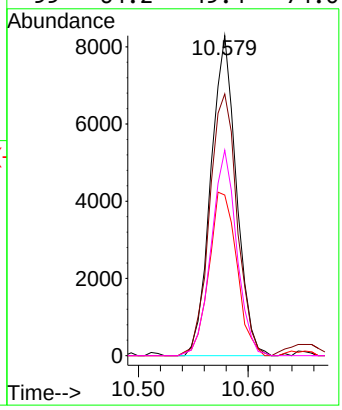




#55
1,1,2-Trichloroethane
Concen: 10.748 ug/l
RT: 10.579 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 97 Resp: 1342

Ion	Ratio	Lower	Upper
97	100		
83	81.8	67.7	101.5
85	50.2	43.4	65.2
99	64.2	49.4	74.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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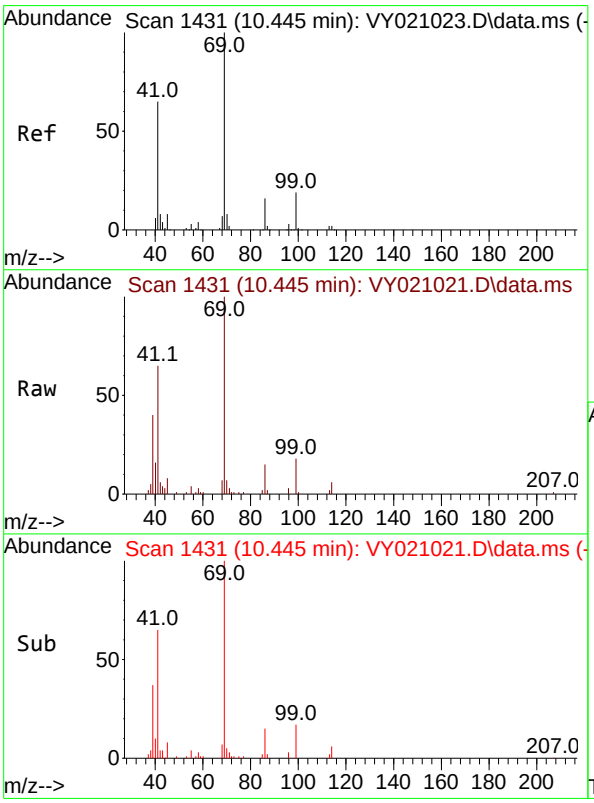
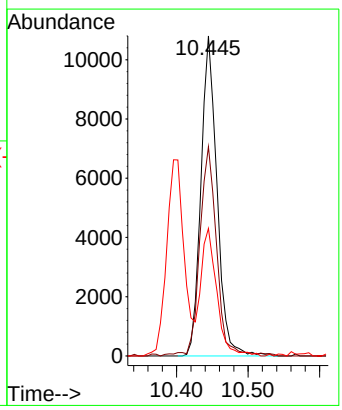
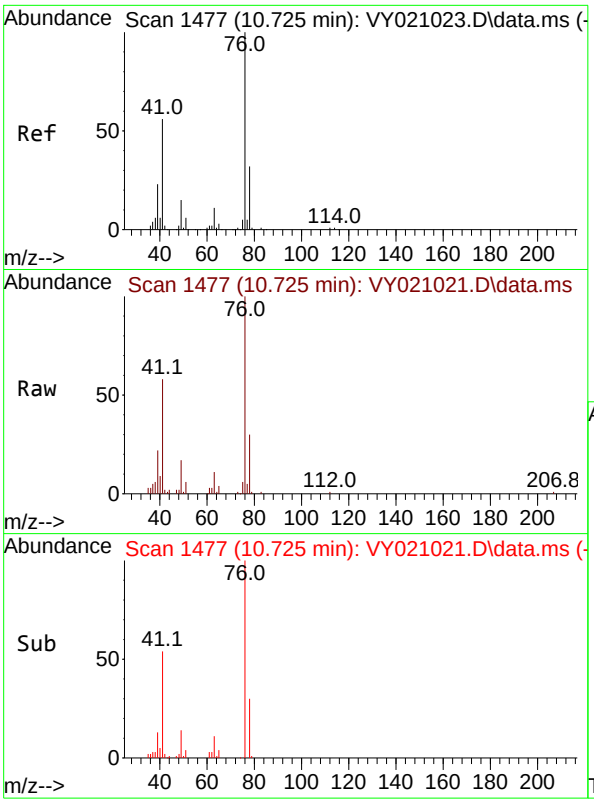


#56
Ethyl methacrylate
Concen: 10.341 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 69 Resp: 16883

Ion	Ratio	Lower	Upper
69	100		
41	68.3	46.3	69.5
39	38.7	24.5	36.7#

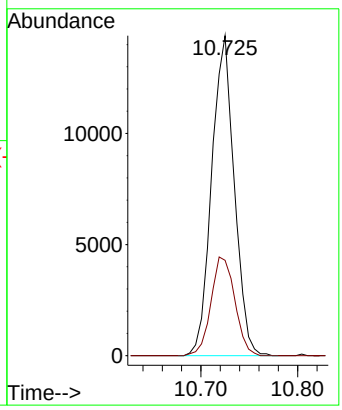




#57
1,3-Dichloropropane
Concen: 11.042 ug/l
RT: 10.725 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 76 Resp: 2337

Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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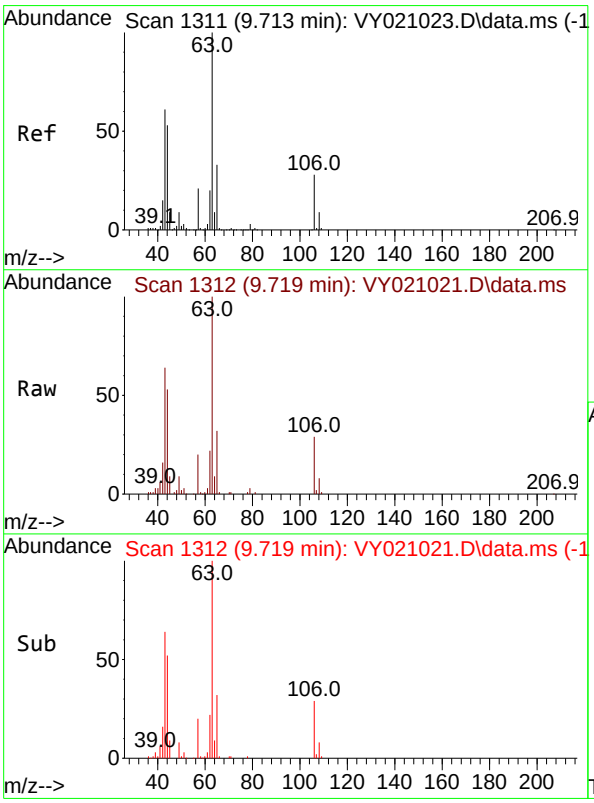
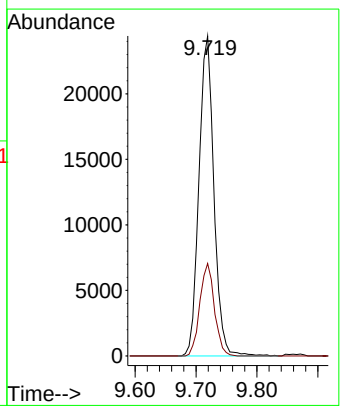
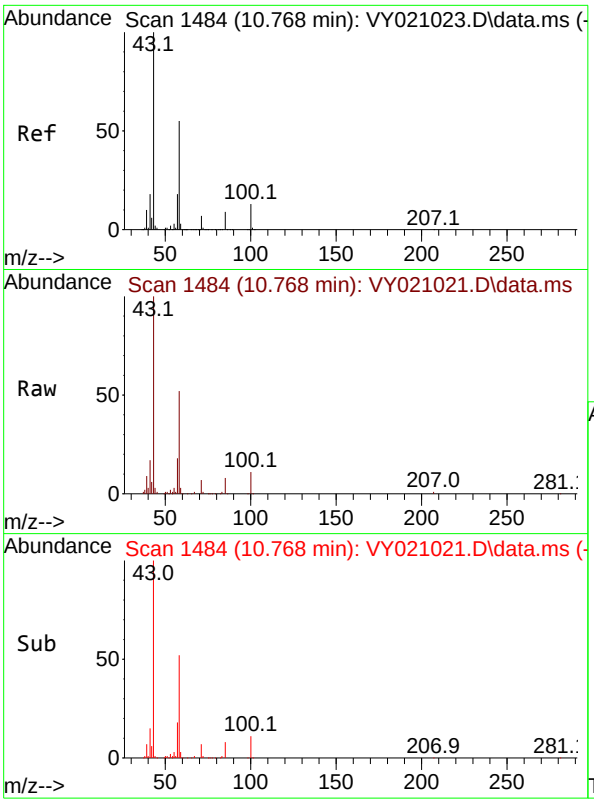


#58
2-Chloroethyl Vinyl ether
Concen: 60.048 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 63 Resp: 41611

Ion	Ratio	Lower	Upper
63	100		
106	28.2	24.7	37.1





#59
2-Hexanone
Concen: 61.283 ug/l
RT: 10.768 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 43 Resp: 3730

Ion	Ratio	Lower	Upper
43	100		
58	52.1	29.8	89.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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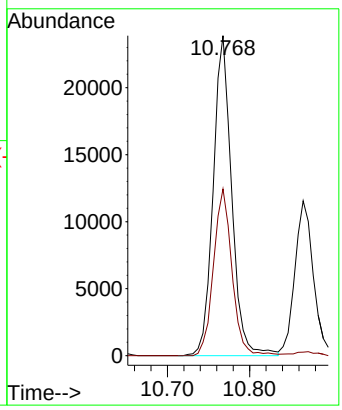
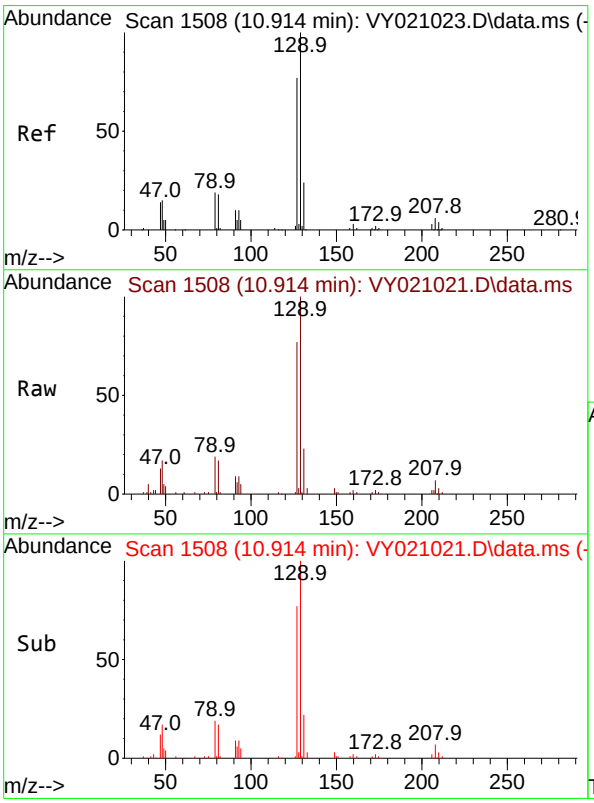
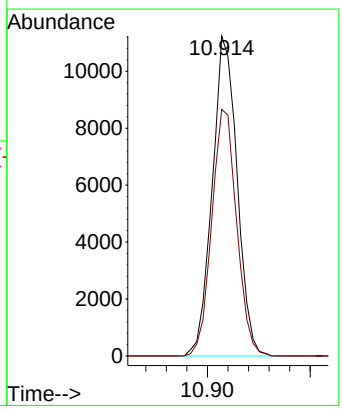


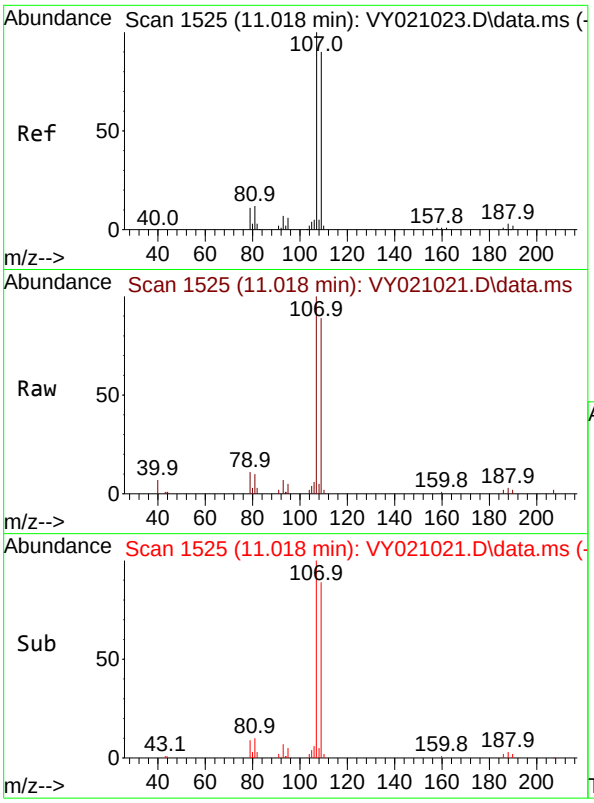


#60
Dibromochloromethane
Concen: 10.585 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:129 Resp: 18851

Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.5	115.3

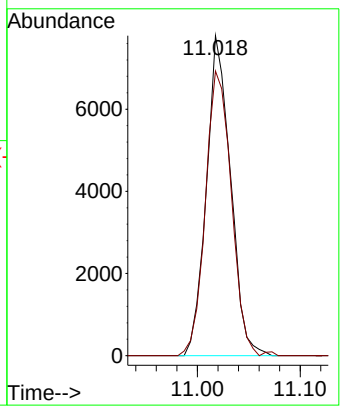




#61
1,2-Dibromoethane
Concen: 10.684 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:107 Resp: 1274

Ion	Ratio	Lower	Upper
107	100		
109	95.5	76.6	114.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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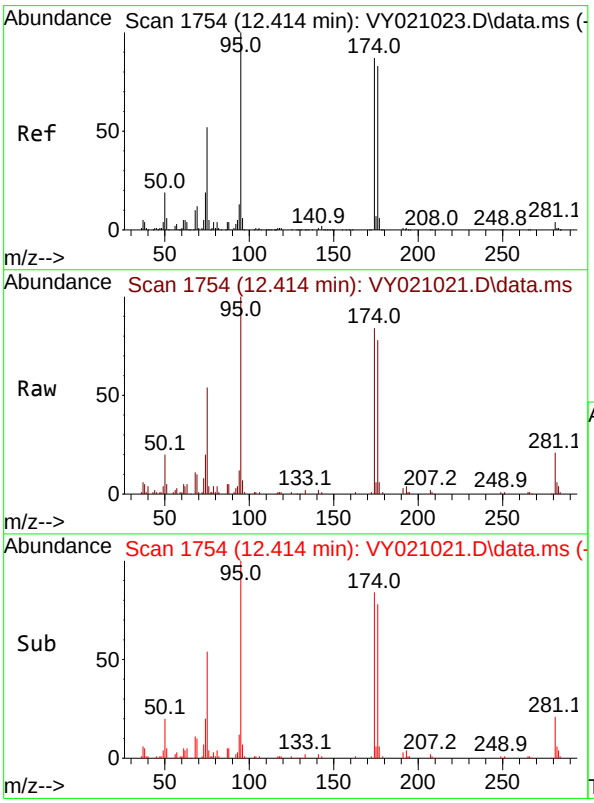
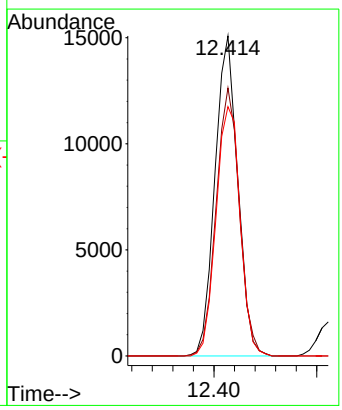
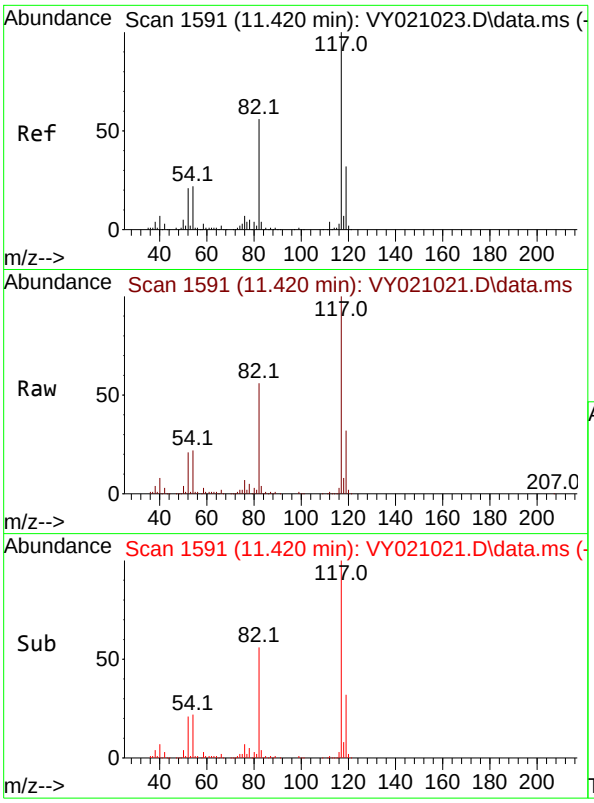


#62
4-Bromofluorobenzene
Concen: 10.362 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 95 Resp: 23279

Ion	Ratio	Lower	Upper
95	100		
174	85.2	0.0	181.2
176	82.2	0.0	175.2

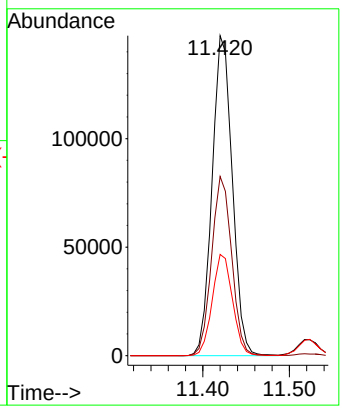




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:117 Resp: 23903

Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.2	66.2
119	31.6	25.9	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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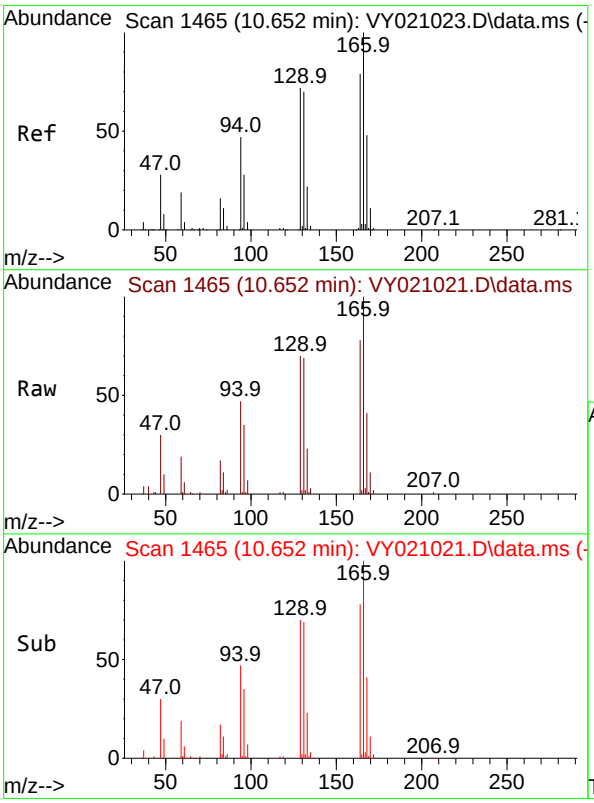
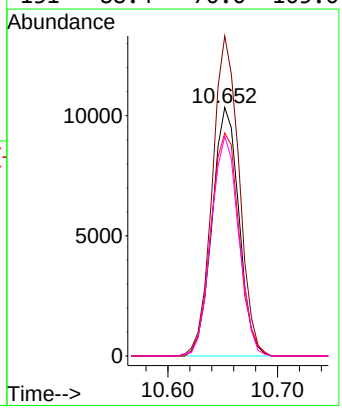
Supervised By :Semsettin Yesilyurt 02/04/2025

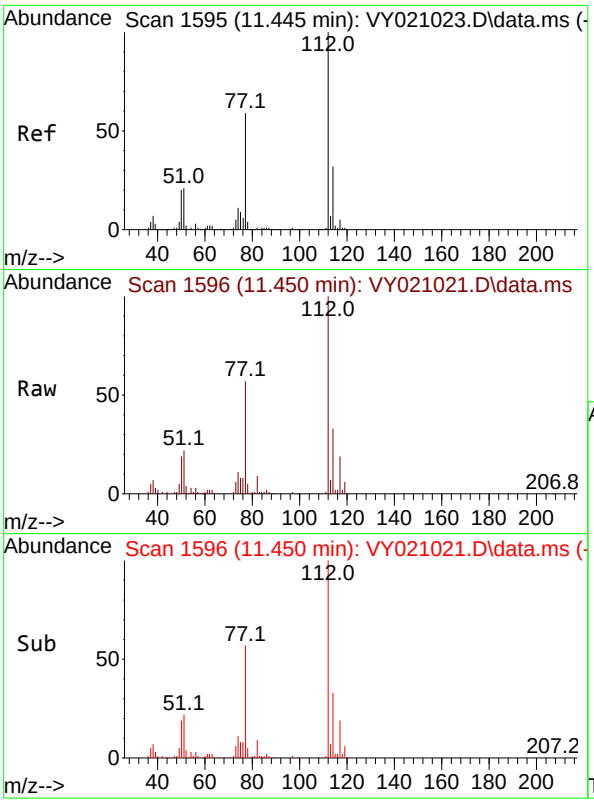


#64
Tetrachloroethene
Concen: 9.730 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:164 Resp: 17544

Ion	Ratio	Lower	Upper
164	100		
166	128.8	100.4	150.6
129	89.8	70.8	106.2
131	88.4	70.0	105.0

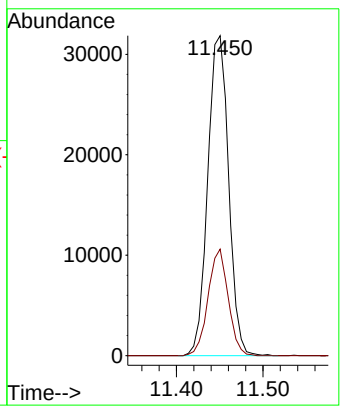




#65
Chlorobenzene
Concen: 10.583 ug/l
RT: 11.450 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:112 Resp: 5329

Ion	Ratio	Lower	Upper
112	100		
114	33.3	24.6	37.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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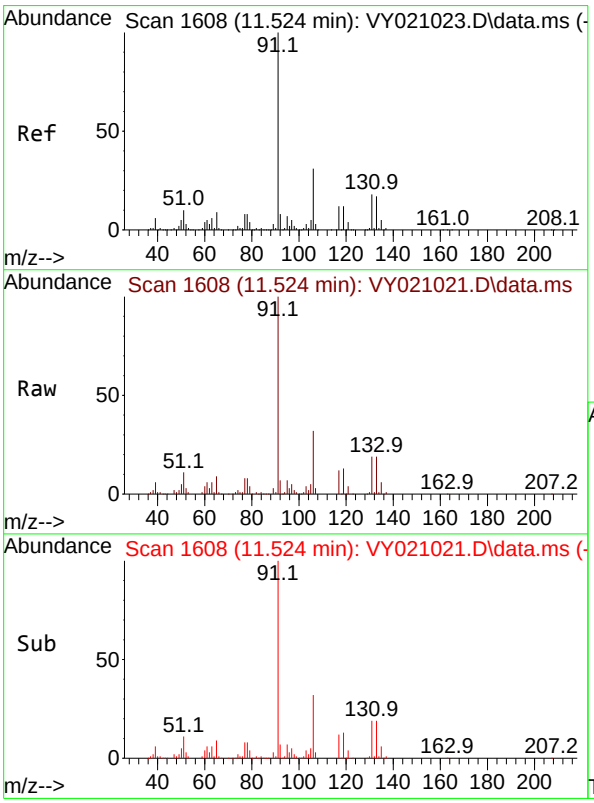
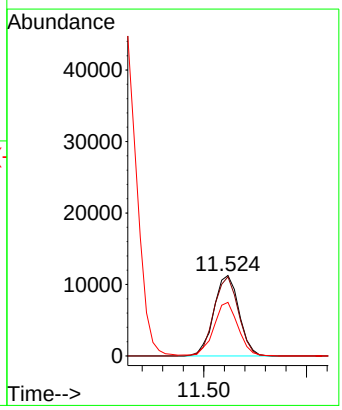
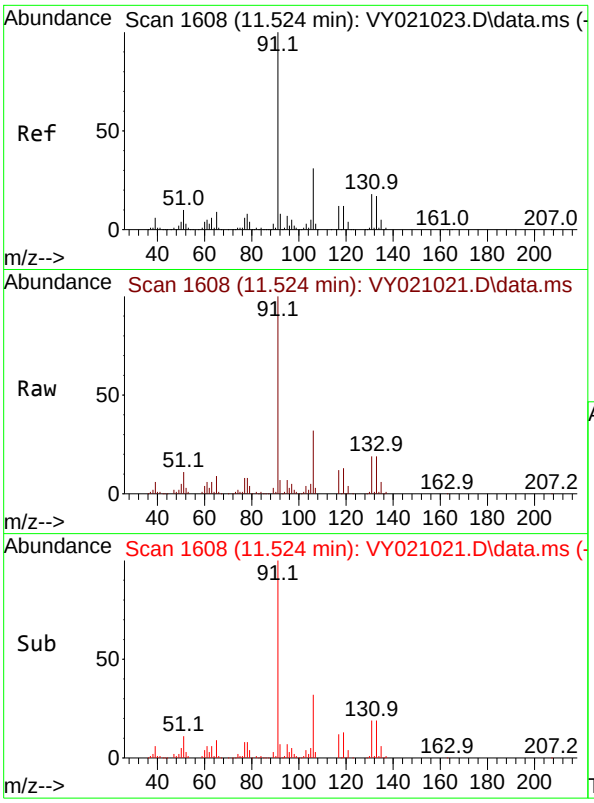


#66
1,1,1,2-Tetrachloroethane
Concen: 10.714 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:131 Resp: 19150

Ion	Ratio	Lower	Upper
131	100		
133	96.1	48.7	146.1
119	64.1	31.4	94.3

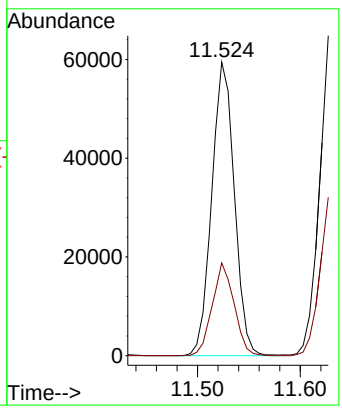




#67
Ethyl Benzene
Concen: 10.411 ug/l
RT: 11.524 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 91 Resp: 9078

Ion	Ratio	Lower	Upper
91	100		
106	31.6	24.9	37.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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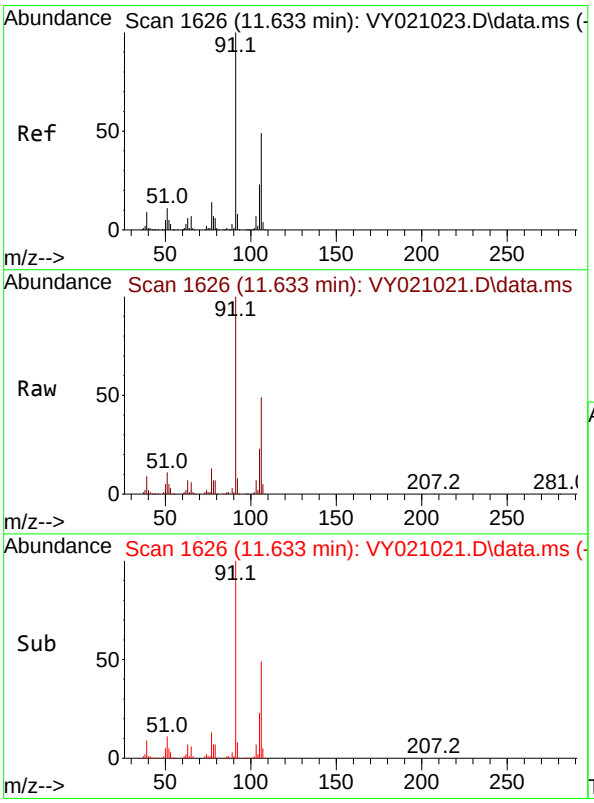
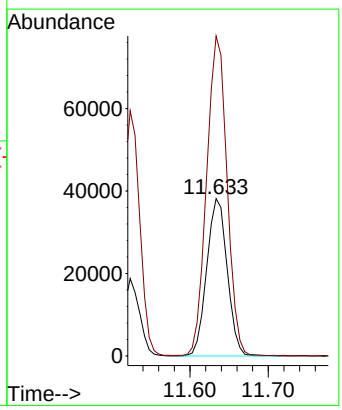
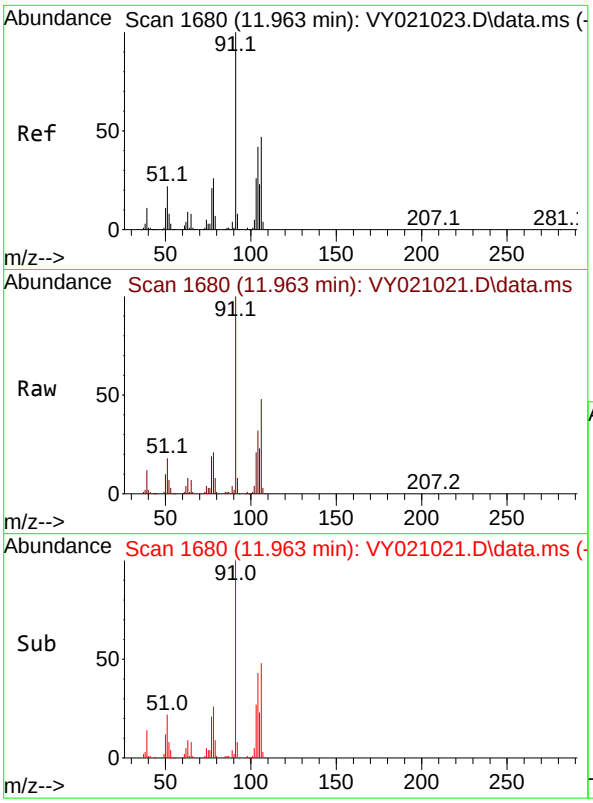


#68
m/p-Xylenes
Concen: 20.624 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:106 Resp: 69094

Ion	Ratio	Lower	Upper
106	100		
91	203.2	160.0	240.0





#69
o-Xylene
Concen: 10.106 ug/l
RT: 11.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:106 Resp: 3147

Ion	Ratio	Lower	Upper
106	100		
91	218.6	105.8	317.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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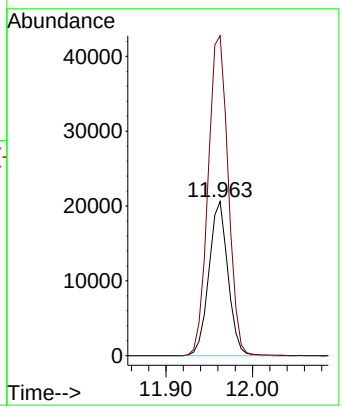
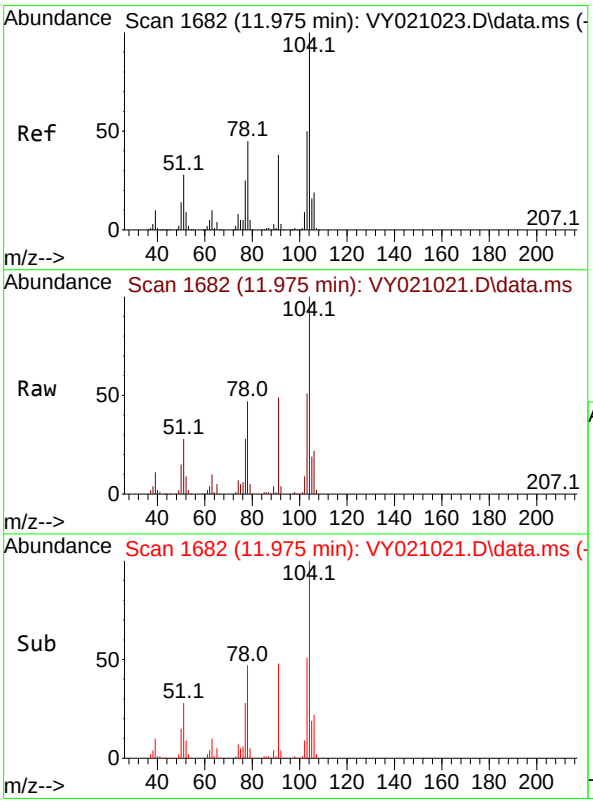
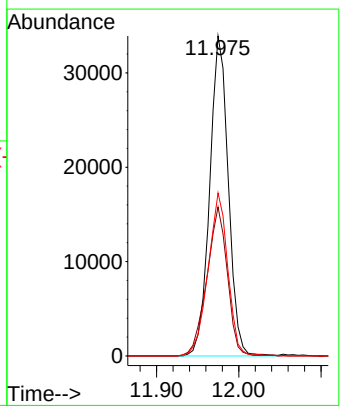


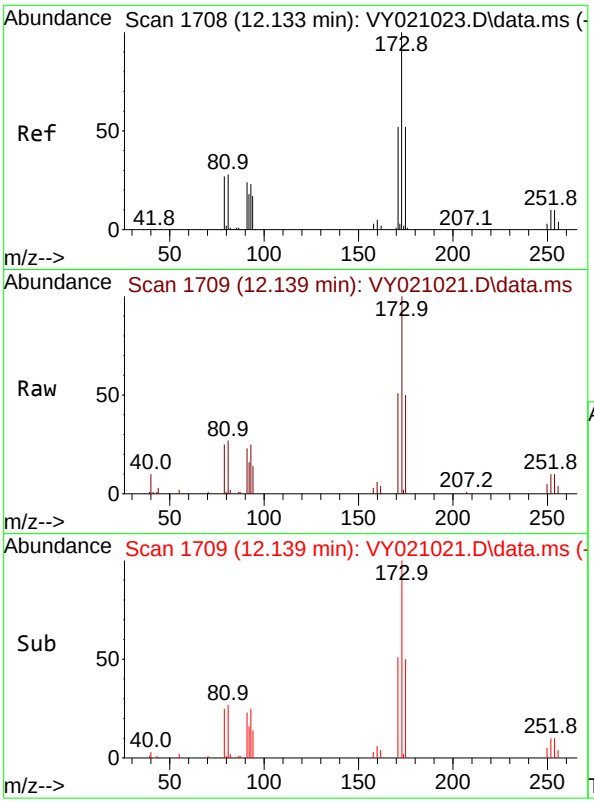


#70
Styrene
Concen: 10.334 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:104 Resp: 53436

Ion	Ratio	Lower	Upper
104	100		
78	51.0	39.0	58.4
103	54.3	43.7	65.5

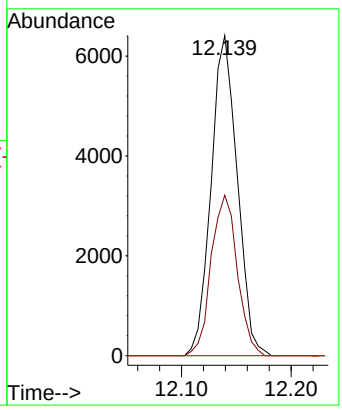




#71
Bromoform
Concen: 10.088 ug/l
RT: 12.139 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:173 Resp: 1062

Ion	Ratio	Lower	Upper
173	100		
175	50.1	24.1	72.2
254	0.0	0.0	0.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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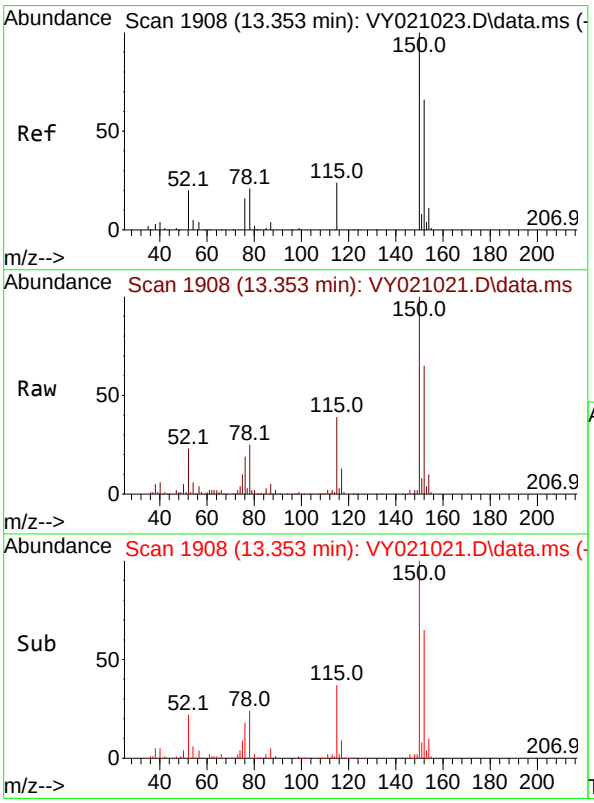
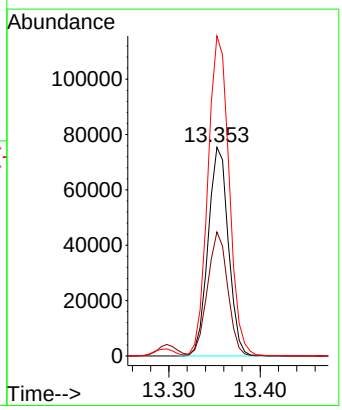
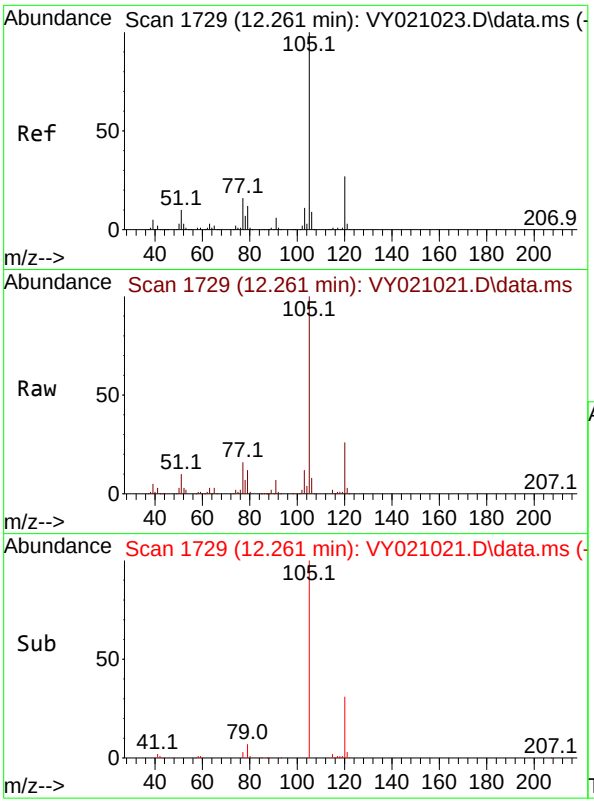


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:152 Resp: 115682

Ion	Ratio	Lower	Upper
152	100		
115	59.3	28.4	85.2
150	161.1	0.0	342.8

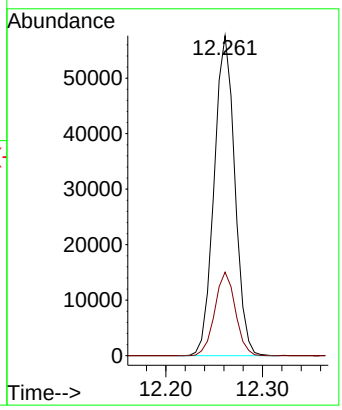




#73
Isopropylbenzene
Concen: 10.522 ug/l
RT: 12.261 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:105 Resp: 8549

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.4	40.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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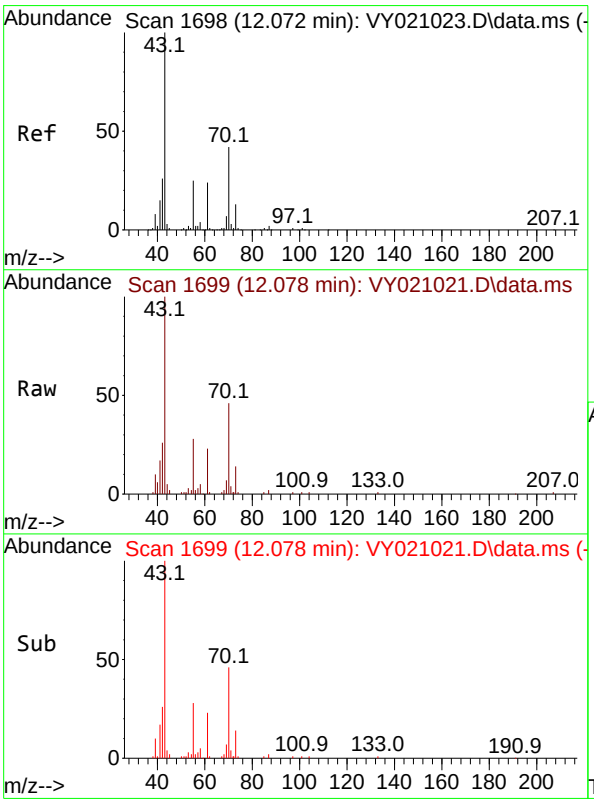
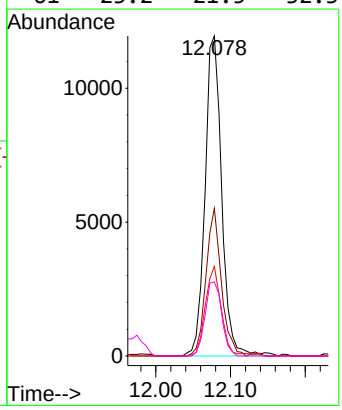
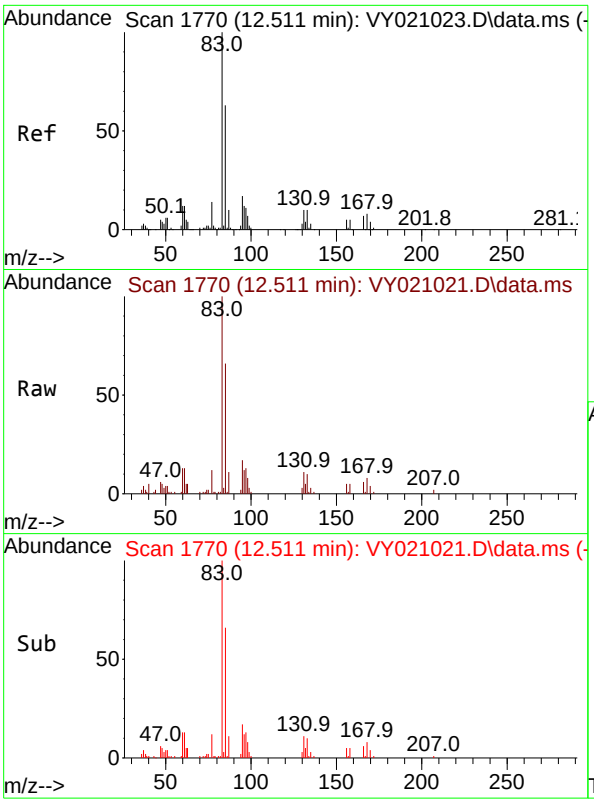


#74
N-amyl acetate
Concen: 12.524 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 43 Resp: 18529

Ion	Ratio	Lower	Upper
43	100		
70	42.6	39.3	58.9
55	27.0	22.3	33.5
61	23.2	21.5	32.3

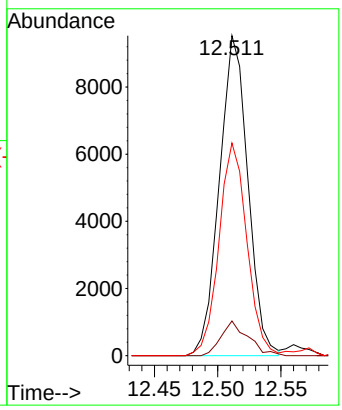




#75
1,1,2,2-Tetrachloroethane
Concen: 11.393 ug/l
RT: 12.511 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 83 Resp: 1494

Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.7	17.1
85	65.5	31.9	95.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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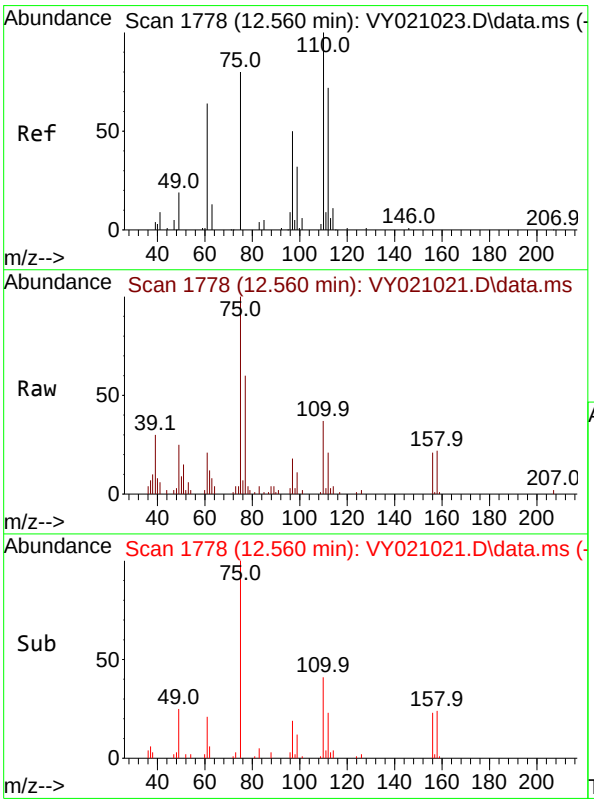
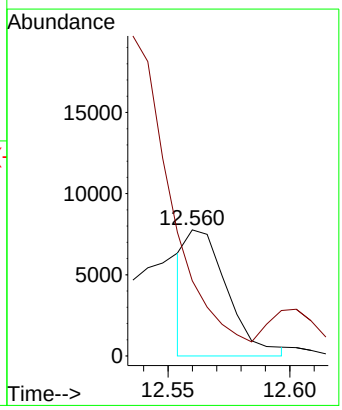
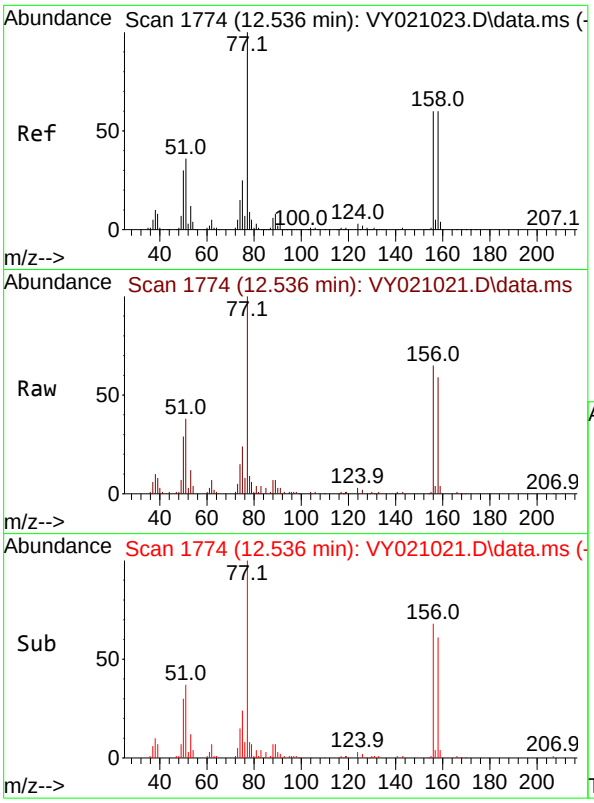


#76
1,2,3-Trichloropropane
Concen: 9.926 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 75 Resp: 9090

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

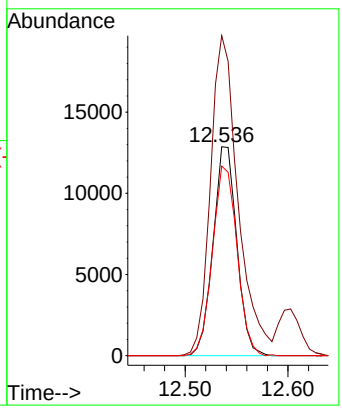




#77
Bromobenzene
Concen: 10.712 ug/l
RT: 12.536 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:156 Resp: 2063

Ion	Ratio	Lower	Upper
156	100		
77	177.9	83.3	249.9
158	94.0	48.3	144.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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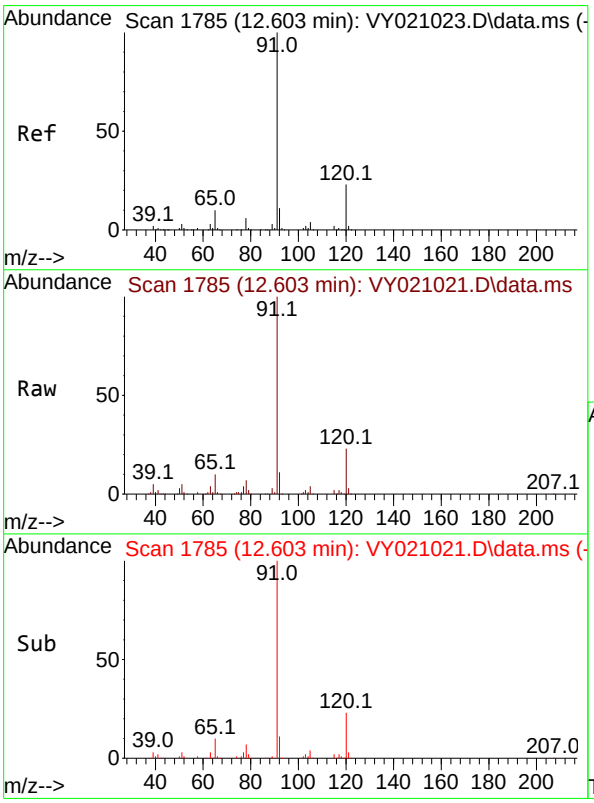
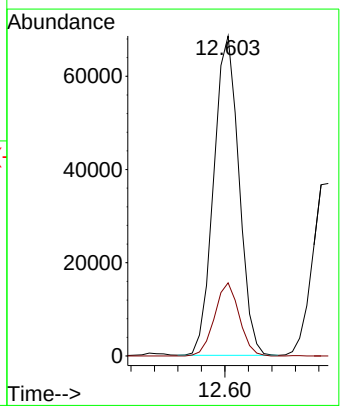
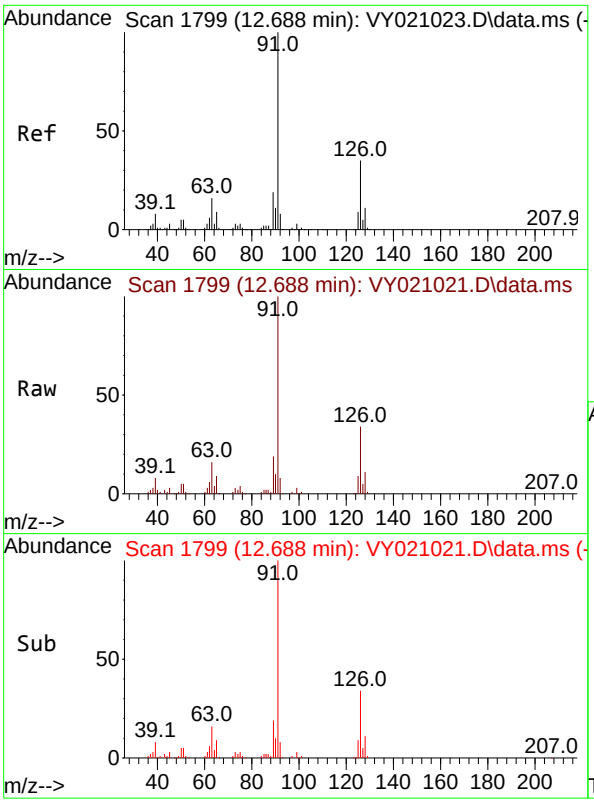


#78
n-propylbenzene
Concen: 10.738 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 91 Resp: 102250

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.8	35.4

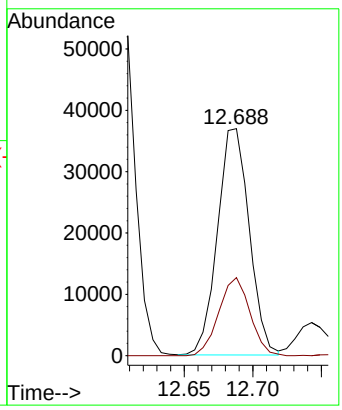




#79
2-Chlorotoluene
Concen: 10.991 ug/l
RT: 12.688 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 91 Resp: 5963

Ion	Ratio	Lower	Upper
91	100		
126	33.7	17.3	51.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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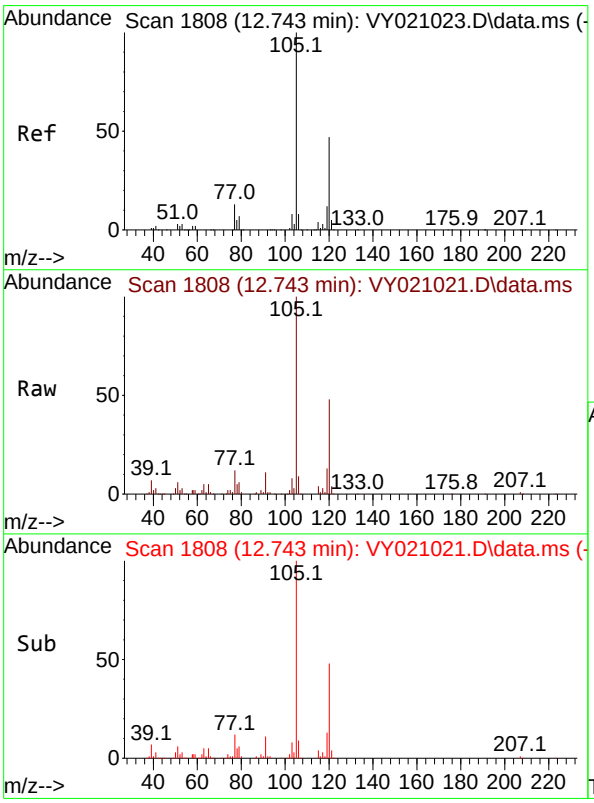
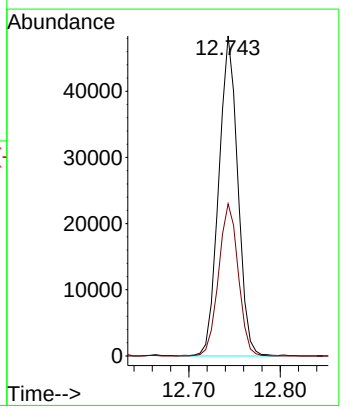
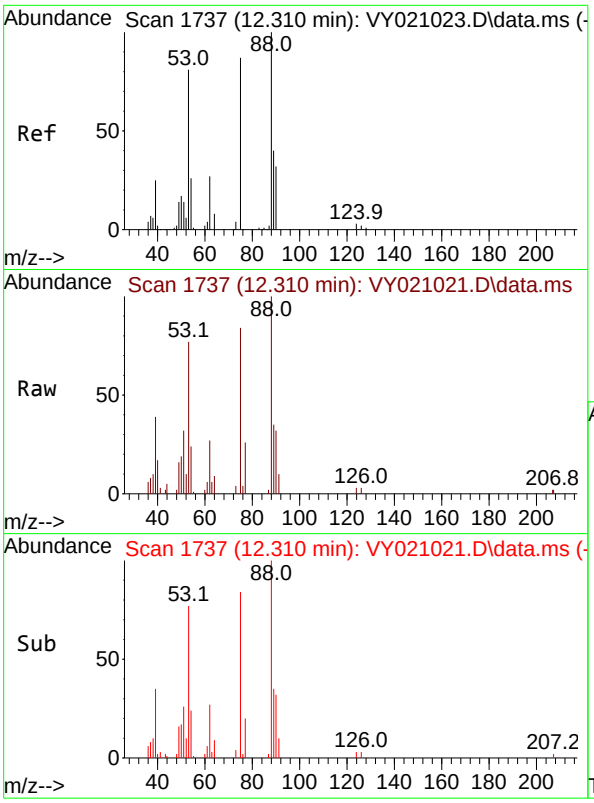


#80
1,3,5-Trimethylbenzene
Concen: 10.541 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:105 Resp: 70161

Ion	Ratio	Lower	Upper
105	100		
120	48.8	24.3	72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 11.842 ug/l
RT: 12.310 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

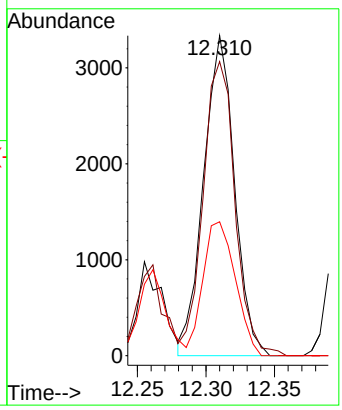
Tgt Ion: 75 Resp: 522

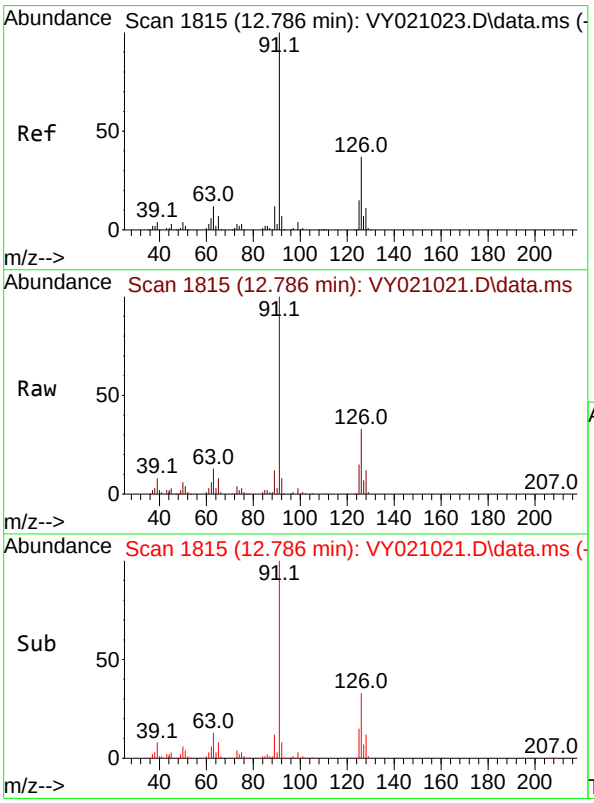
Ion	Ratio	Lower	Upper
75	100		
53	94.9	68.6	103.0
89	43.8	38.1	57.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

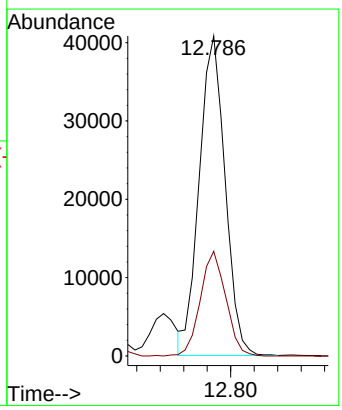


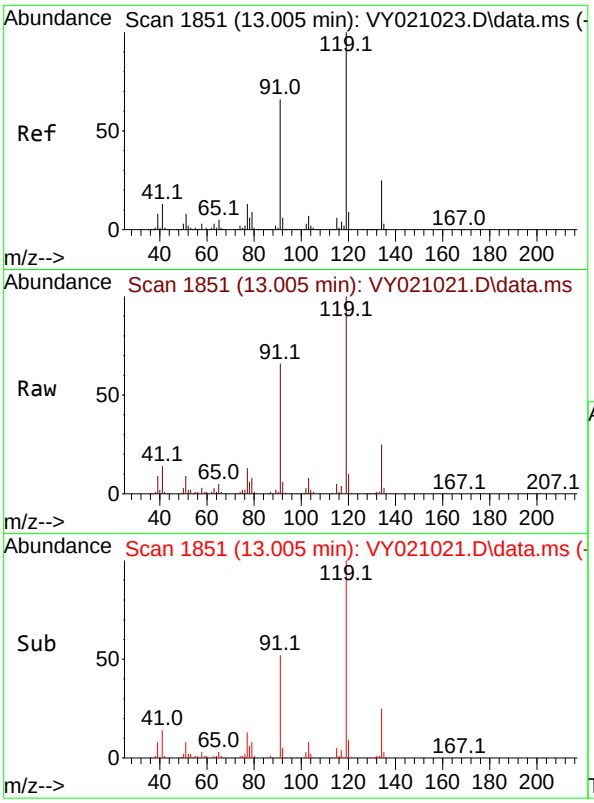


#82
4-Chlorotoluene
Concen: 11.217 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 91 Resp: 62279

Ion	Ratio	Lower	Upper
91	100		
126	32.3	17.3	52.0

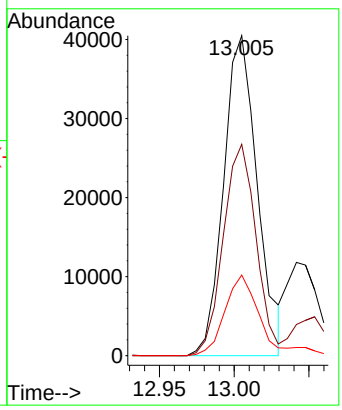




#83
tert-Butylbenzene
Concen: 10.287 ug/l
RT: 13.005 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:119 Resp: 6350

Ion	Ratio	Lower	Upper
119	100		
91	64.2	31.4	94.0
134	26.7	13.1	39.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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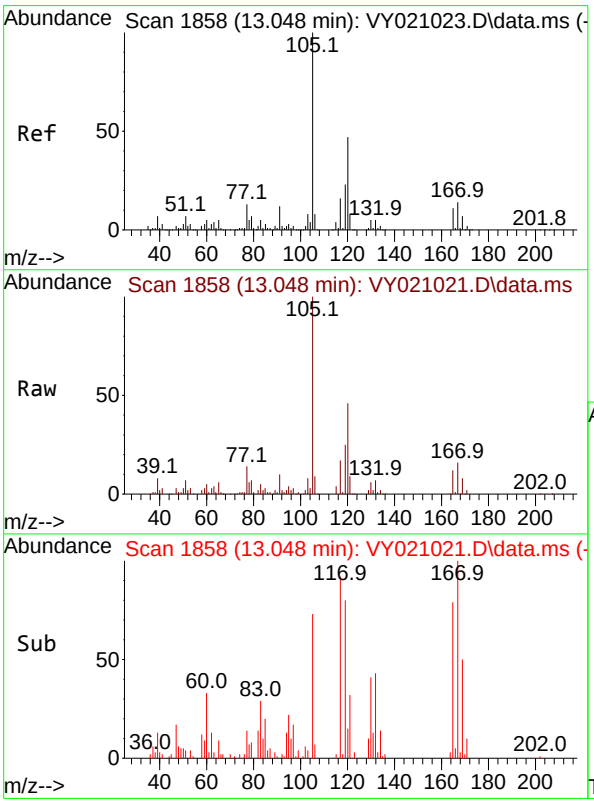
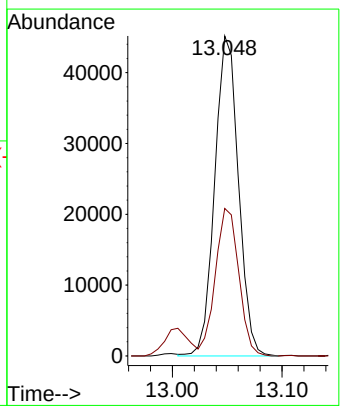
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

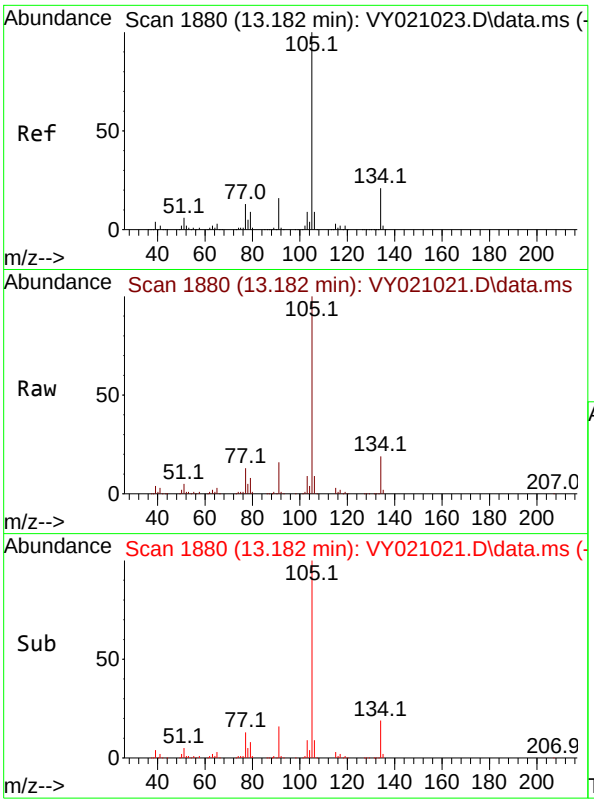


#84
1,2,4-Trimethylbenzene
Concen: 10.444 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:105 Resp: 67906

Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.7	68.0

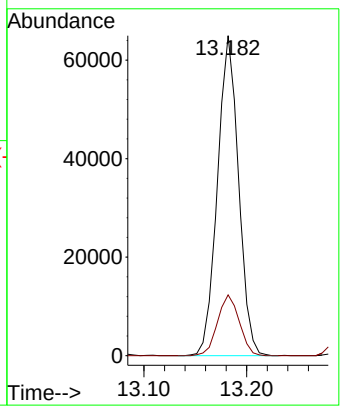




#85
sec-Butylbenzene
Concen: 10.596 ug/l
RT: 13.182 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:105 Resp: 9261

Ion	Ratio	Lower	Upper
105	100		
134	19.6	10.3	30.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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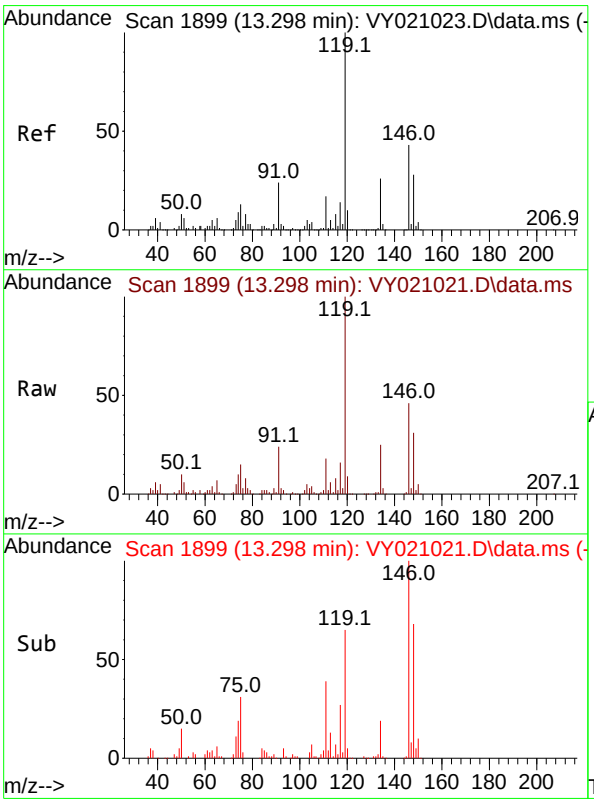
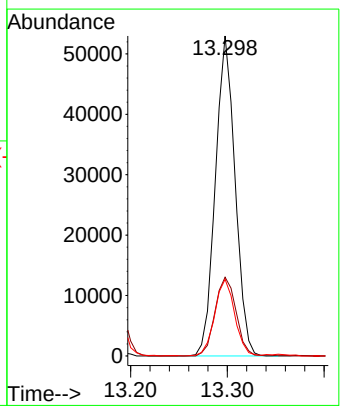
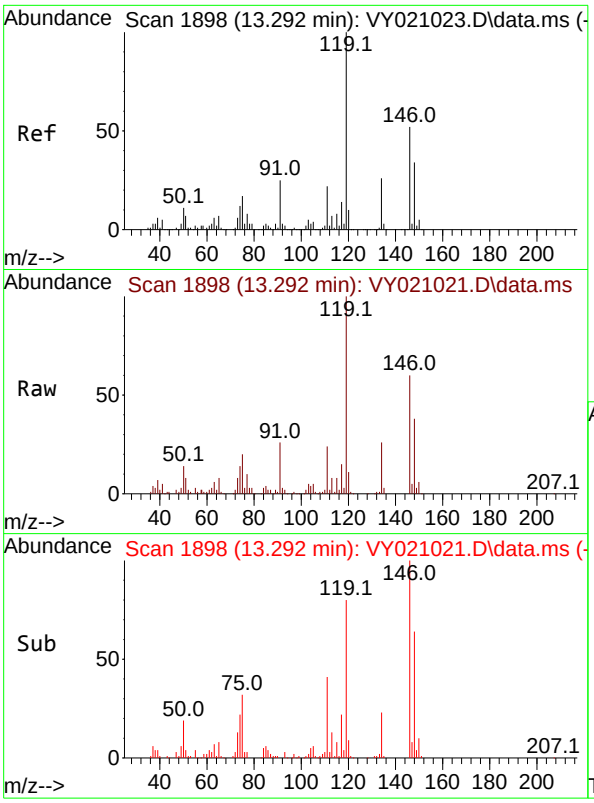


#86
p-Isopropyltoluene
Concen: 10.196 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:119 Resp: 74892

Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.1	39.3
91	24.4	11.5	34.5

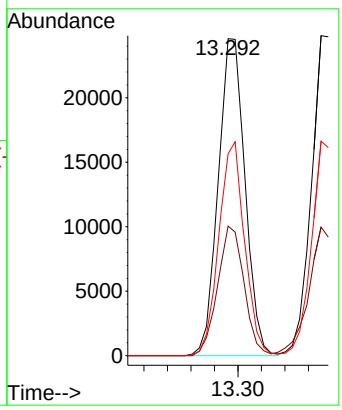




#87
1,3-Dichlorobenzene
Concen: 10.388 ug/l
RT: 13.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:146 Resp: 3901

Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.7	59.1
148	64.9	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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Reviewed By :Mahesh Dadoda 02/04/2025
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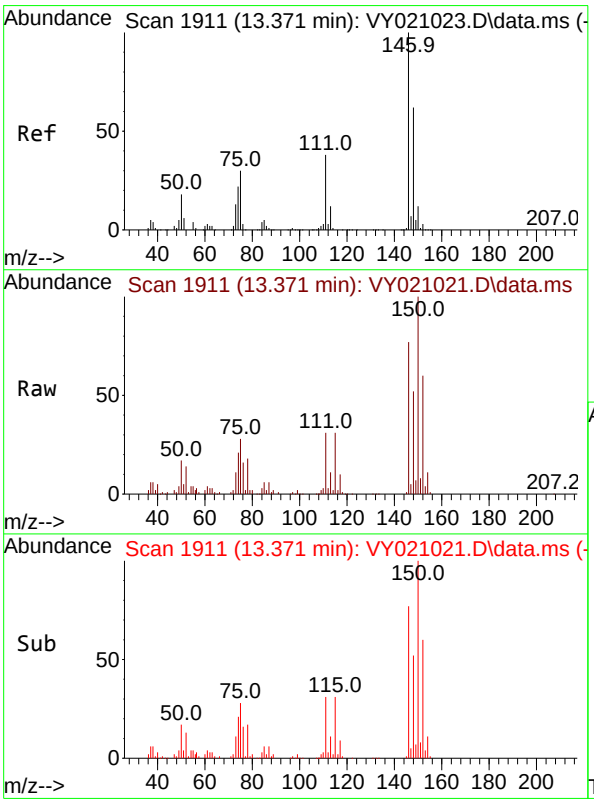
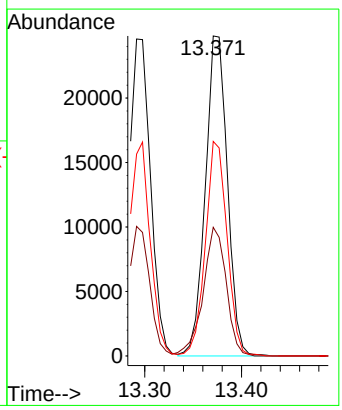
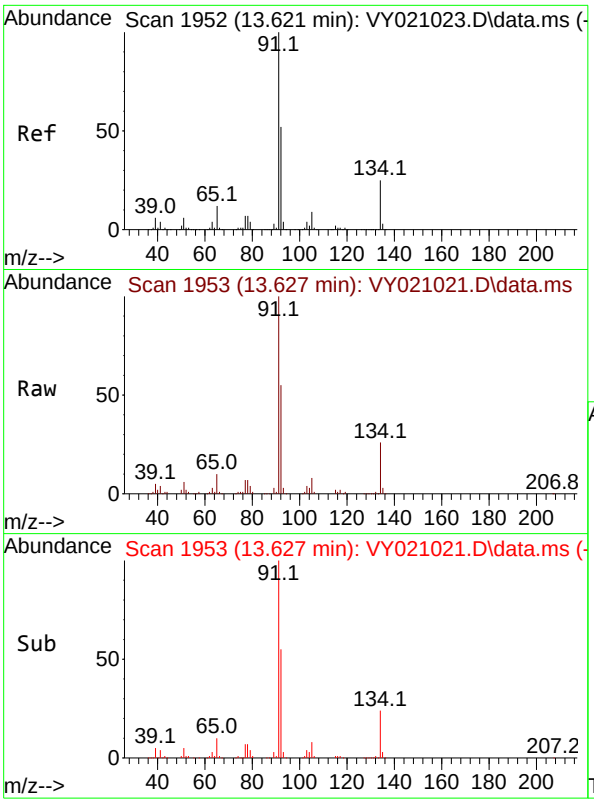


#88
1,4-Dichlorobenzene
Concen: 10.559 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:146 Resp: 39379

Ion	Ratio	Lower	Upper
146	100		
111	42.2	19.0	57.0
148	65.8	31.6	95.0

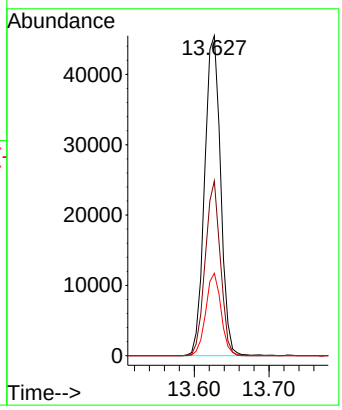




#89
n-Butylbenzene
Concen: 10.280 ug/l
RT: 13.627 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 91 Resp: 6763

Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.7	80.1
134	24.6	13.7	41.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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Reviewed By :Mahesh Dadoda 02/04/2025
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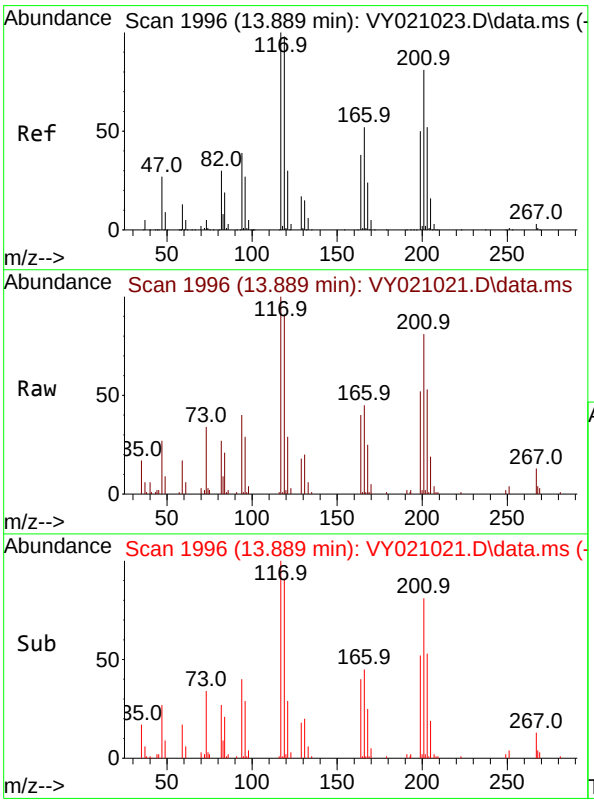
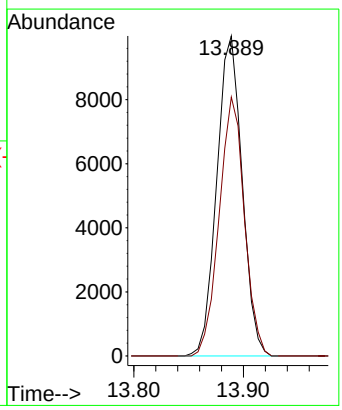
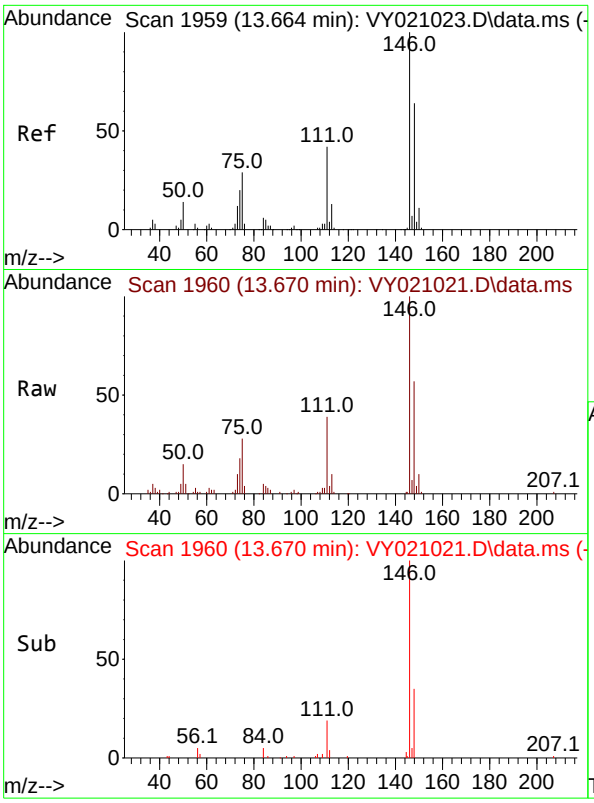


#90
Hexachloroethane
Concen: 10.788 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:117 Resp: 16030

Ion	Ratio	Lower	Upper
117	100		
201	80.4	42.5	127.5

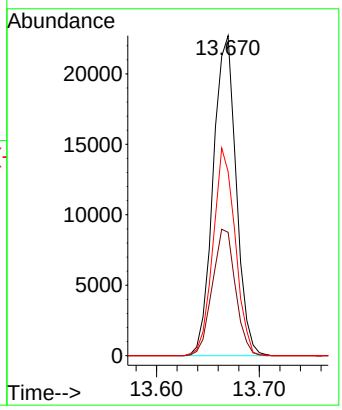




#91
1,2-Dichlorobenzene
Concen: 10.763 ug/l
RT: 13.670 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:146 Resp: 3525

Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.3	60.8
148	62.4	32.2	96.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

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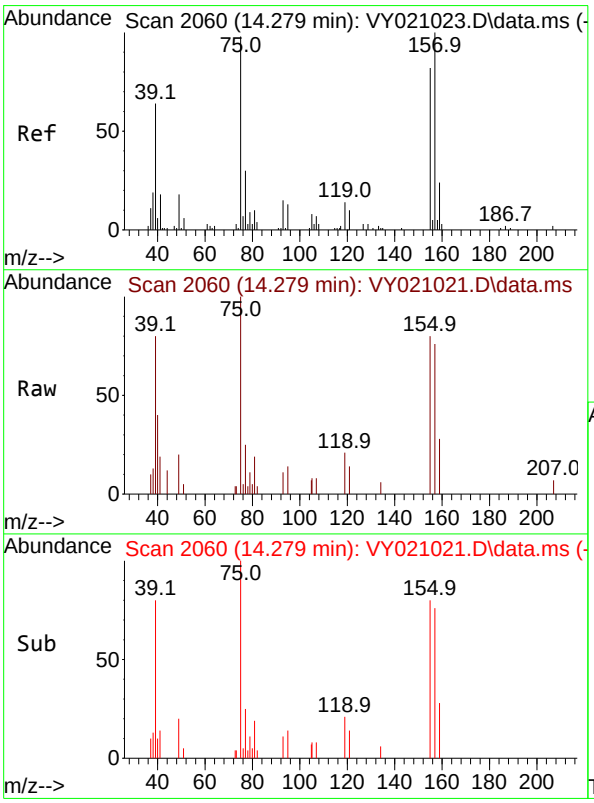
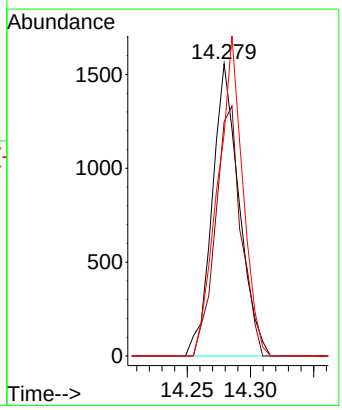
Supervised By :Semsettin Yesilyurt 02/04/2025

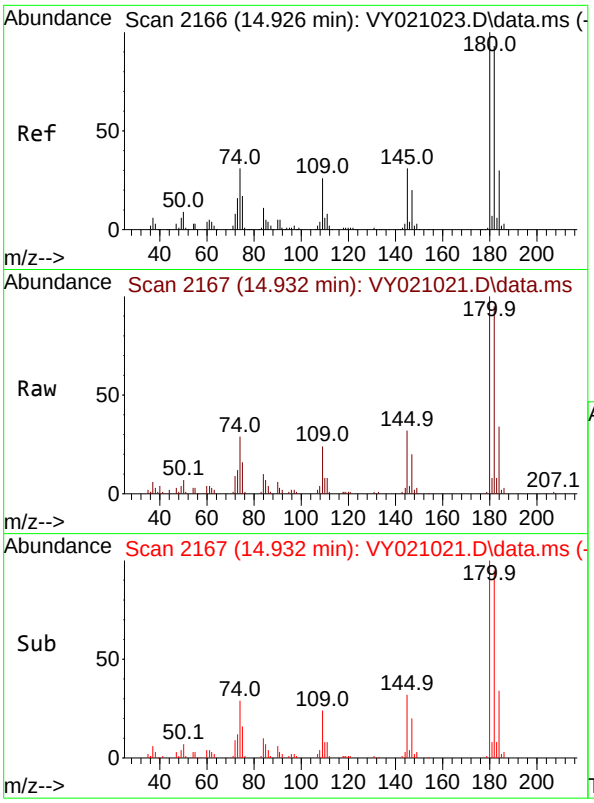


#92
1,2-Dibromo-3-Chloropropane
Concen: 11.372 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 75 Resp: 2296

Ion	Ratio	Lower	Upper
75	100		
155	82.0	45.9	137.6
157	102.7	59.3	177.9

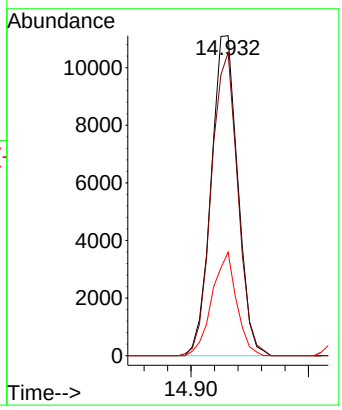




#93
1,2,4-Trichlorobenzene
Concen: 8.702 ug/l
RT: 14.932 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:180 Resp: 1745

Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.3	144.8
145	29.9	15.3	45.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

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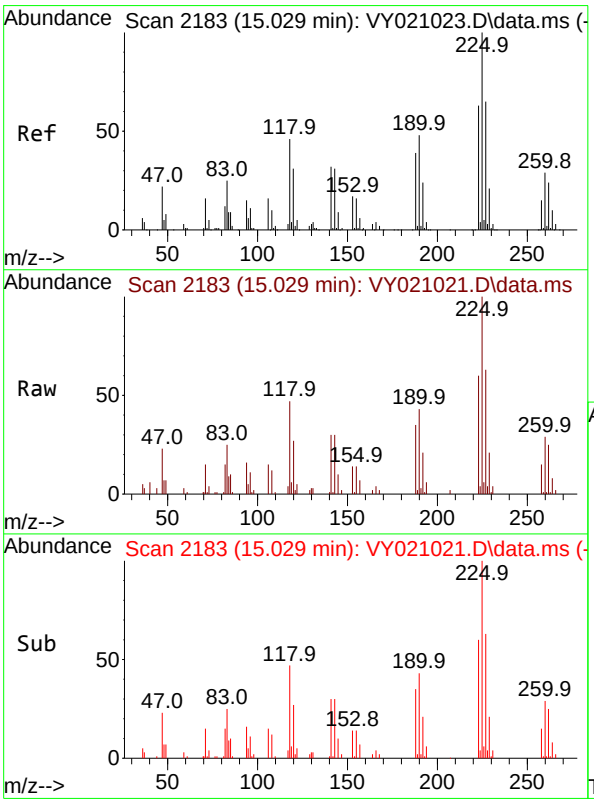
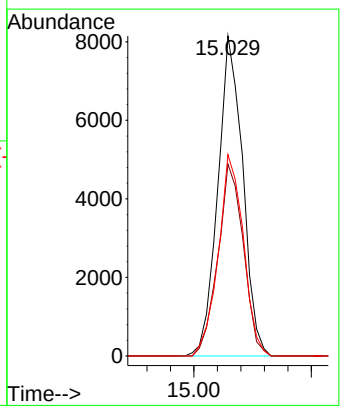
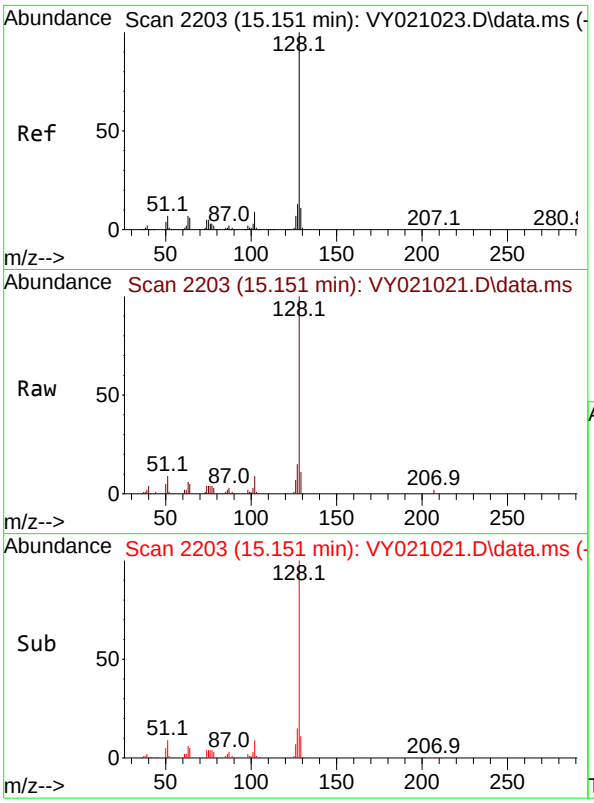


#94
Hexachlorobutadiene
Concen: 8.631 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:225 Resp: 11988

Ion	Ratio	Lower	Upper
225	100		
223	61.1	31.4	94.2
227	63.5	31.8	95.3

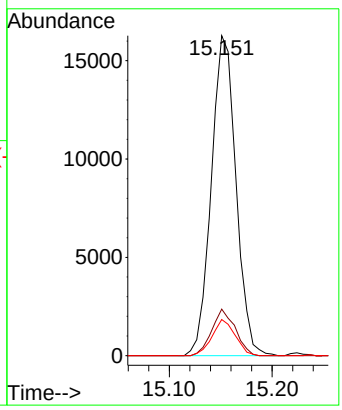




#95
Naphthalene
Concen: 8.409 ug/l
RT: 15.151 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:128 Resp: 2710

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.2	15.4
129	10.6	8.8	13.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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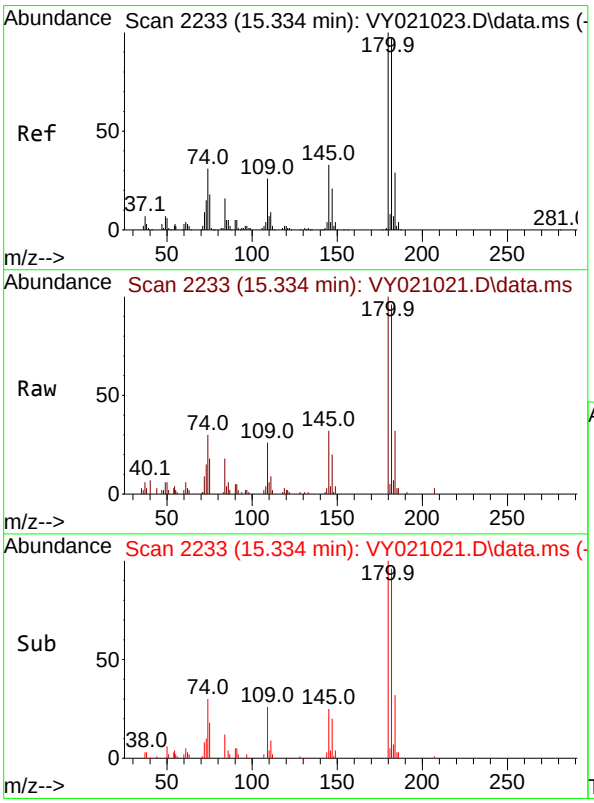
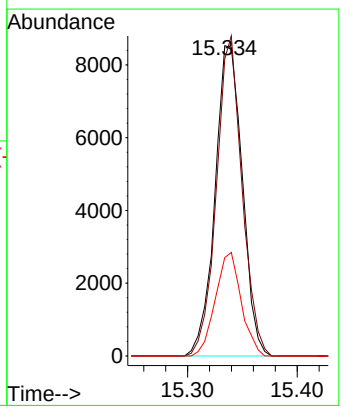


#96
1,2,3-Trichlorobenzene
Concen: 8.729 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. -0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:180 Resp: 14804

Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.7	143.1
145	31.4	15.6	46.7



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Data File : VY021022.D
Acq On : 03 Feb 2025 11:20
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

Quant Time: Feb 03 12:38:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.713	168	183569	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.622	114	284501	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.420	117	244590	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	116948	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.067	65	35087	22.450	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	44.900%#			
35) Dibromofluoromethane	7.640	113	34279	20.042	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	40.080%#			
50) Toluene-d8	10.109	98	129662	19.423	ug/l		0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	38.840%#			
62) 4-Bromofluorobenzene	12.414	95	42182	18.831	ug/l		0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	37.660%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.867	85	30336	19.435	ug/l		99
3) Chloromethane	2.074	50	29923	30.154	ug/l		98
4) Vinyl Chloride	2.208	62	29658	28.986	ug/l		99
5) Bromomethane	2.598	94	18302	26.423	ug/l		90
6) Chloroethane	2.739	64	17634	29.503	ug/l		97
7) Trichlorofluoromethane	3.068	101	55451	22.457	ug/l		98
8) Diethyl Ether	3.458	74	18232	24.733	ug/l		90
9) 1,1,2-Trichlorotrifluo...	3.830	101	34675	20.855	ug/l		95
10) Methyl Iodide	4.013	142	38697	20.338	ug/l		99
11) Tert butyl alcohol	4.878	59	12889	112.894	ug/l	#	90
12) 1,1-Dichloroethene	3.793	96	32389	20.845	ug/l		90
13) Acrolein	3.659	56	20427	155.371	ug/l		100
14) Allyl chloride	4.391	41	55315	25.859	ug/l		92
15) Acrylonitrile	5.067	53	38612	127.343	ug/l		97
16) Acetone	3.873	43	28518	133.874	ug/l		95
17) Carbon Disulfide	4.116	76	101973	21.308	ug/l		99
18) Methyl Acetate	4.391	43	19673	26.393	ug/l		92
19) Methyl tert-butyl Ether	5.116	73	85748	23.710	ug/l		98
20) Methylene Chloride	4.629	84	34701	22.087	ug/l		94
21) trans-1,2-Dichloroethene	5.122	96	36879	22.137	ug/l		94
22) Diisopropyl ether	6.025	45	120281	27.585	ug/l		94
23) Vinyl Acetate	5.970	43	331355	137.224	ug/l		95
24) 1,1-Dichloroethane	5.927	63	67799	24.102	ug/l		98
25) 2-Butanone	6.902	43	46083	127.520	ug/l		95
26) 2,2-Dichloropropane	6.890	77	61862	22.336	ug/l		97
27) cis-1,2-Dichloroethene	6.896	96	42356	22.120	ug/l		93
28) Bromochloromethane	7.250	49	27966	26.684	ug/l		83
29) Tetrahydrofuran	7.268	42	32271	132.707	ug/l		90
30) Chloroform	7.427	83	69562	22.832	ug/l		98
31) Cyclohexane	7.707	56	59268	21.556	ug/l		94
32) 1,1,1-Trichloroethane	7.622	97	63645	21.585	ug/l		96
36) 1,1-Dichloropropene	7.841	75	50918	20.868	ug/l		96
37) Ethyl Acetate	6.988	43	23724	26.080	ug/l	#	96
38) Carbon Tetrachloride	7.823	117	59433	19.683	ug/l		96
39) Methylcyclohexane	9.116	83	61029	18.619	ug/l		92
40) Benzene	8.085	78	150967	21.027	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021022.D
Acq On : 03 Feb 2025 11:20
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 03 12:38:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.250	41	15142m	30.084	ug/l		
42) 1,2-Dichloroethane	8.164	62	41726	22.916	ug/l		98
43) Isopropyl Acetate	8.201	43	45505	25.040	ug/l		97
44) Trichloroethene	8.872	130	38841	19.606	ug/l		100
45) 1,2-Dichloropropane	9.146	63	36268	22.538	ug/l		99
46) Dibromomethane	9.237	93	20417	21.802	ug/l		93
47) Bromodichloromethane	9.426	83	53424	21.723	ug/l		97
48) Methyl methacrylate	9.225	41	19957	23.066	ug/l		91
49) 1,4-Dioxane	9.237	88	3939	395.839	ug/l	#	90
51) 4-Methyl-2-Pentanone	10.006	43	114844	122.983	ug/l		94
52) Toluene	10.176	92	95614	20.517	ug/l		98
53) t-1,3-Dichloropropene	10.396	75	47690	21.429	ug/l		97
54) cis-1,3-Dichloropropene	9.859	75	57105	21.469	ug/l	#	89
55) 1,1,2-Trichloroethane	10.579	97	26314	21.129	ug/l		98
56) Ethyl methacrylate	10.445	69	34126	20.963	ug/l	#	86
57) 1,3-Dichloropropane	10.725	76	45784	21.690	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.719	63	83057	120.208	ug/l		95
59) 2-Hexanone	10.768	43	72555	119.535	ug/l		92
60) Dibromochloromethane	10.914	129	36853	20.754	ug/l		99
61) 1,2-Dibromoethane	11.018	107	24505	20.600	ug/l		97
64) Tetrachloroethene	10.652	164	34418	18.655	ug/l		97
65) Chlorobenzene	11.444	112	103141	20.015	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.524	131	36817	20.130	ug/l		99
67) Ethyl Benzene	11.524	91	182430	20.446	ug/l		99
68) m/p-Xylenes	11.633	106	138826	40.497	ug/l		97
69) o-Xylene	11.963	106	64616	20.276	ug/l		98
70) Styrene	11.975	104	108143	20.439	ug/l		99
71) Bromoform	12.139	173	21254	19.718	ug/l	#	100
73) Isopropylbenzene	12.261	105	171836	20.921	ug/l		100
74) N-amyl acetate	12.078	43	37235	24.896	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.511	83	29712	22.410	ug/l		99
76) 1,2,3-Trichloropropane	12.560	75	21952m	23.712	ug/l		
77) Bromobenzene	12.536	156	40491	20.793	ug/l		95
78) n-propylbenzene	12.603	91	206279	21.429	ug/l		98
79) 2-Chlorotoluene	12.688	91	118673	21.638	ug/l		100
80) 1,3,5-Trimethylbenzene	12.743	105	142319	21.150	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.310	75	9872	22.135	ug/l		93
82) 4-Chlorotoluene	12.786	91	121872	21.712	ug/l		100
83) tert-Butylbenzene	13.005	119	128881	20.651	ug/l		98
84) 1,2,4-Trimethylbenzene	13.048	105	139446	21.214	ug/l		99
85) sec-Butylbenzene	13.182	105	185044	20.943	ug/l		99
86) p-Isopropyltoluene	13.298	119	154555	20.815	ug/l		99
87) 1,3-Dichlorobenzene	13.292	146	77631	20.446	ug/l		99
88) 1,4-Dichlorobenzene	13.371	146	76342	20.248	ug/l		97
89) n-Butylbenzene	13.627	91	138532	20.829	ug/l		98
90) Hexachloroethane	13.889	117	31796	21.166	ug/l		93
91) 1,2-Dichlorobenzene	13.663	146	67363	20.344	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4160	20.380	ug/l		88
93) 1,2,4-Trichlorobenzene	14.932	180	34770	17.150	ug/l		98
94) Hexachlorobutadiene	15.029	225	24481	17.435	ug/l		97
95) Naphthalene	15.151	128	55021	16.886	ug/l		100
96) 1,2,3-Trichlorobenzene	15.340	180	29301	17.090	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021022.D
Acq On : 03 Feb 2025 11:20
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

Quant Time: Feb 03 12:38:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021022.D
Acq On : 03 Feb 2025 11:20
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 03 12:38:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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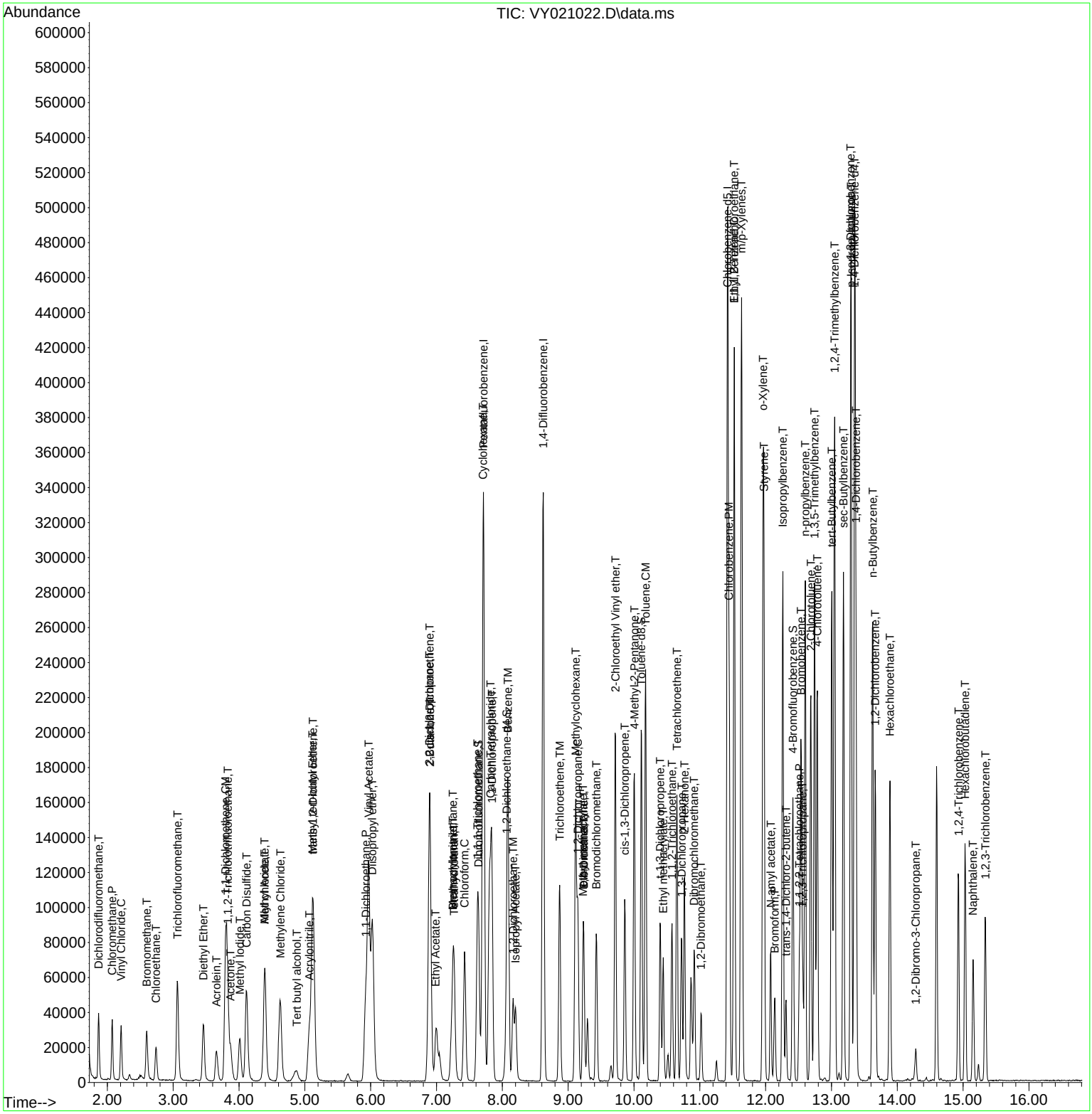

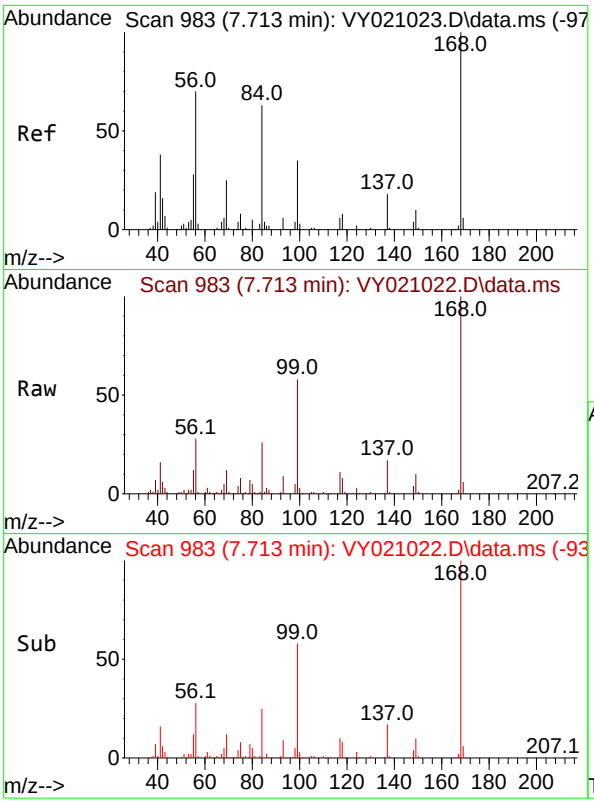

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:168 Resp: 18356

Ion	Ratio	Lower	Upper
168	100		
99	57.9	42.2	63.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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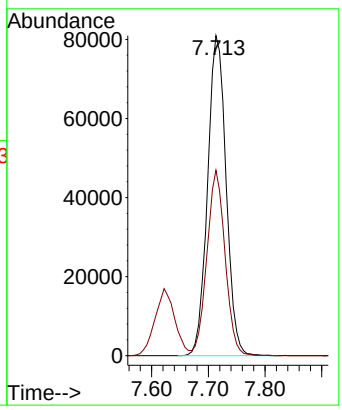
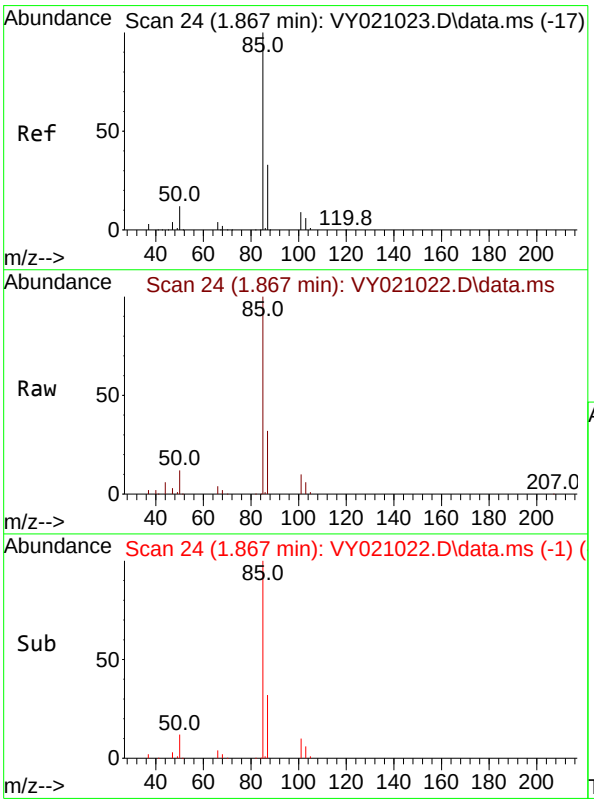
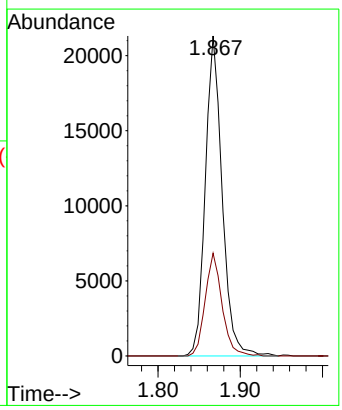


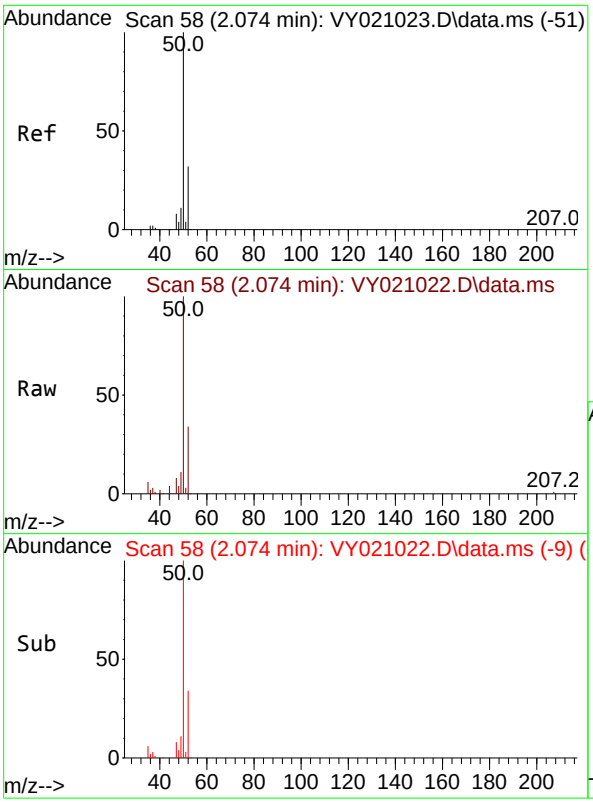


#2
Dichlorodifluoromethane
Concen: 19.435 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 85 Resp: 30336

Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.3	48.9

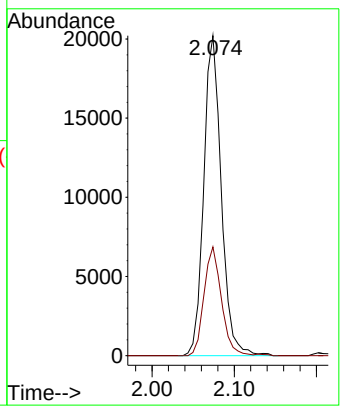




#3
Chloromethane
Concen: 30.154 ug/l
RT: 2.074 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 50 Resp: 2992

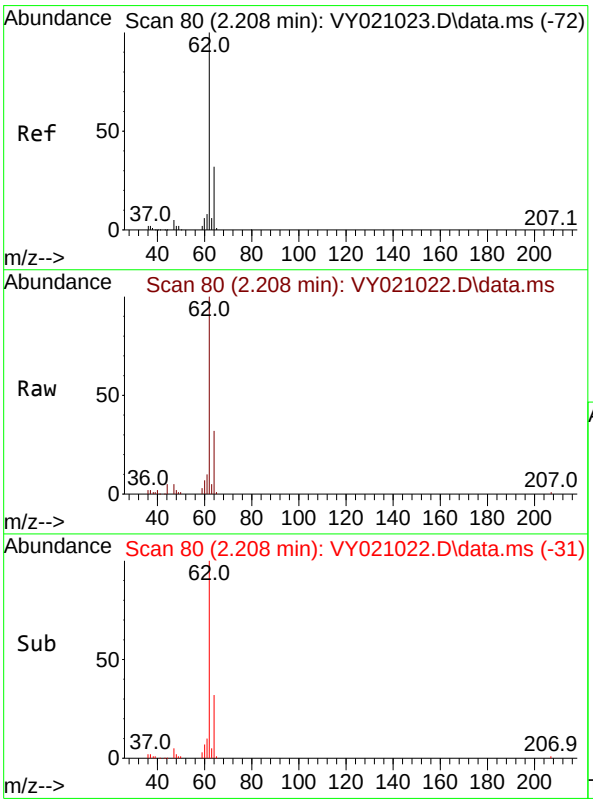
Ion	Ratio	Lower	Upper
50	100		
52	34.0	26.3	39.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

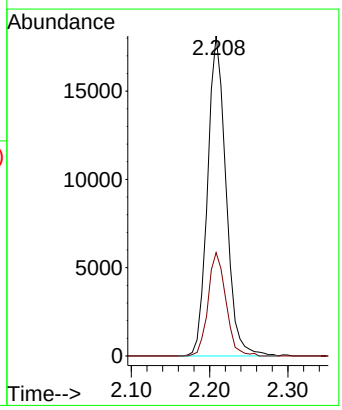
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

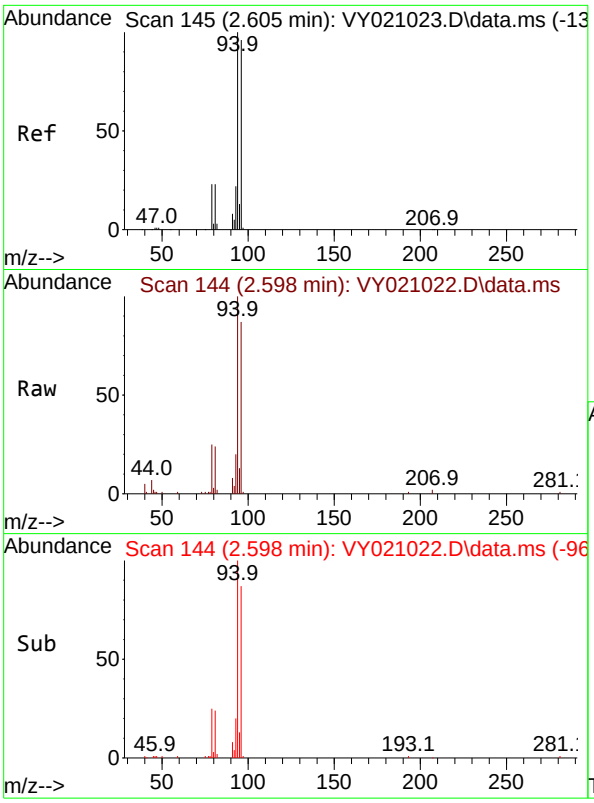


#4
Vinyl Chloride
Concen: 28.986 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 62 Resp: 29658

Ion	Ratio	Lower	Upper
62	100		
64	32.3	25.4	38.2

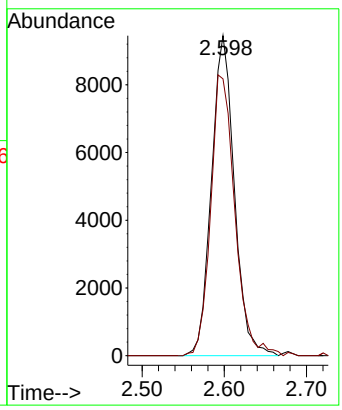




#5
Bromomethane
Concen: 26.423 ug/l
RT: 2.598 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 94 Resp: 1830

Ion	Ratio	Lower	Upper
94	100		
96	86.5	77.4	116.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

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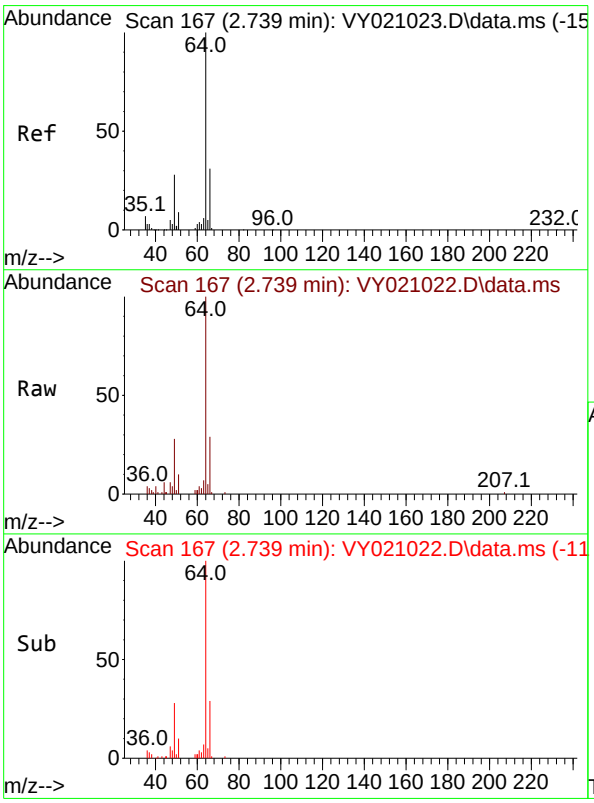
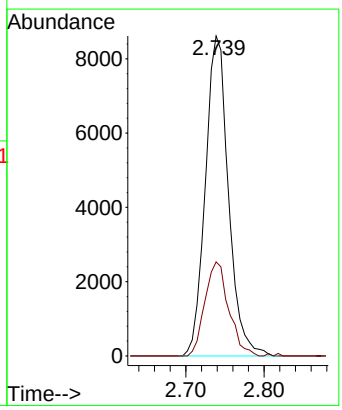
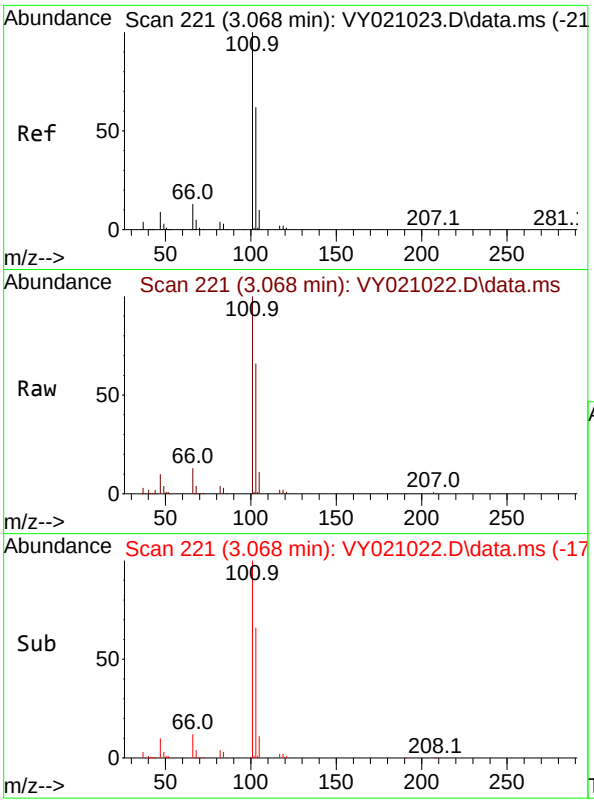


#6
Chloroethane
Concen: 29.503 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 64 Resp: 17634

Ion	Ratio	Lower	Upper
64	100		
66	29.4	25.0	37.4





#7
Trichlorofluoromethane
Concen: 22.457 ug/l
RT: 3.068 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:101 Resp: 5545

Ion	Ratio	Lower	Upper
101	100		
103	65.5	50.9	76.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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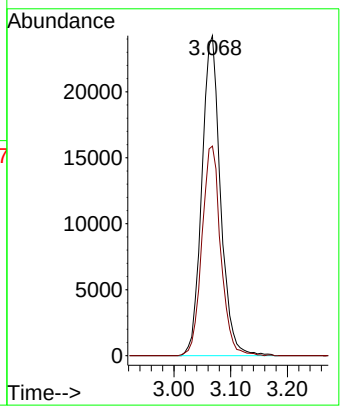
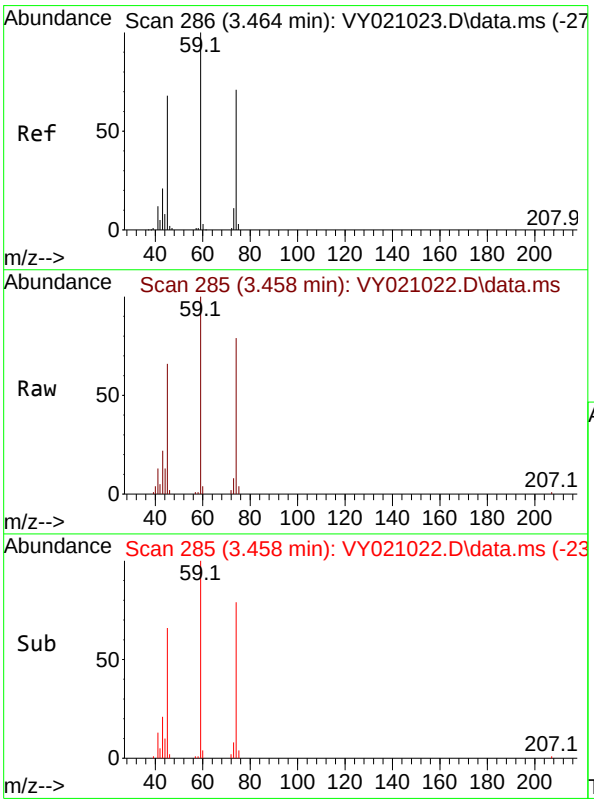
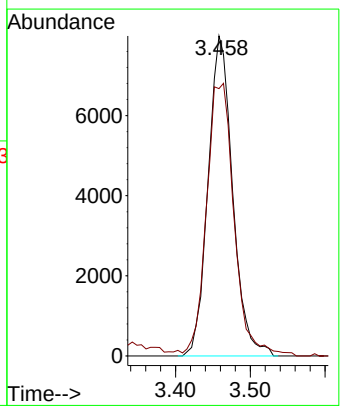


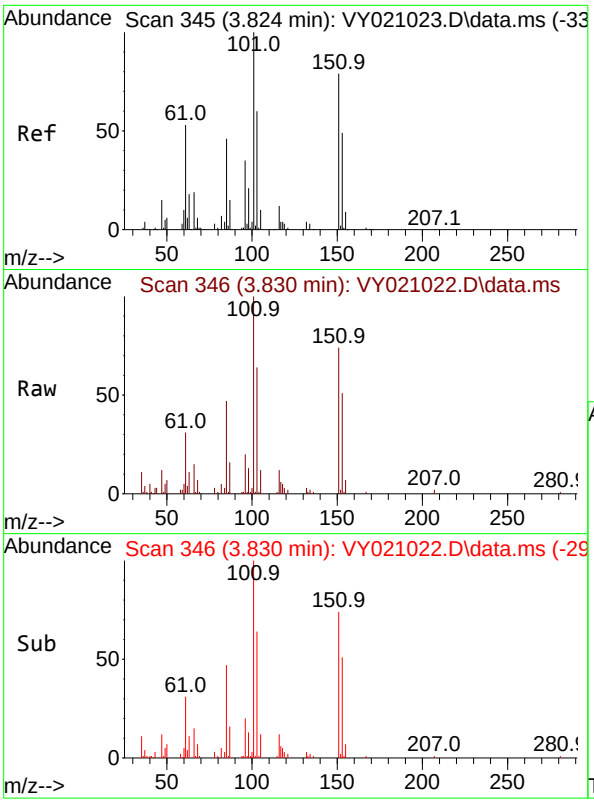


#8
Diethyl Ether
Concen: 24.733 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 74 Resp: 18232

Ion	Ratio	Lower	Upper
74	100		
45	95.6	43.4	130.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.855 ug/l
RT: 3.830 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:101 Resp: 3467

Ion	Ratio	Lower	Upper
101	100		
85	46.3	34.9	52.3
151	78.7	66.8	100.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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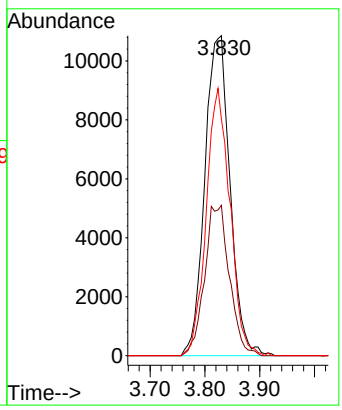
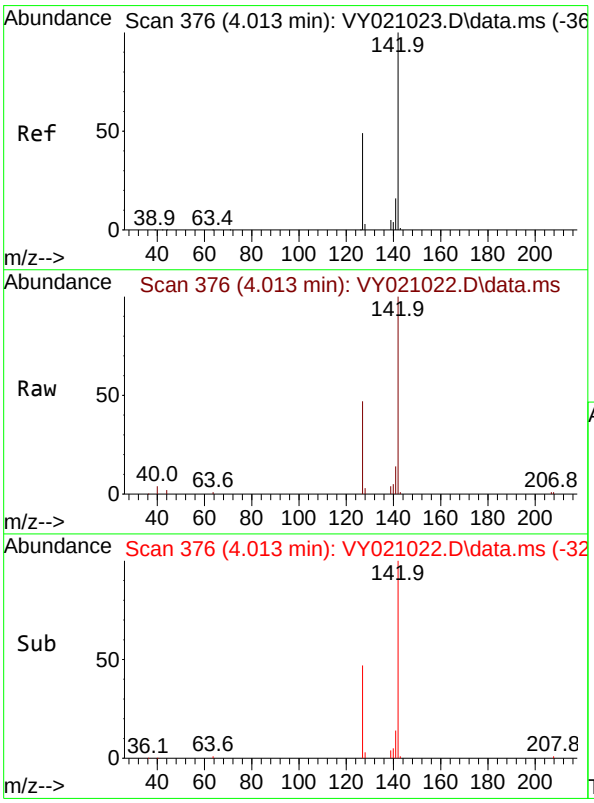
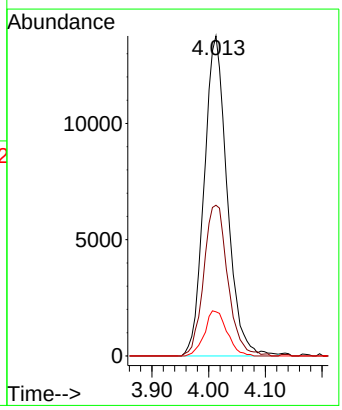


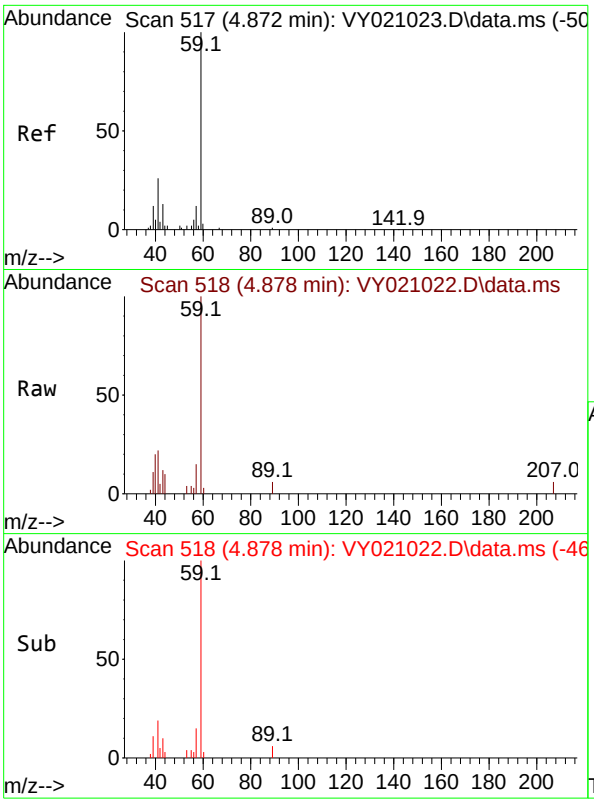


#10
Methyl Iodide
Concen: 20.338 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:142 Resp: 38697

Ion	Ratio	Lower	Upper
142	100		
127	49.5	38.9	58.3
141	13.8	11.7	17.5

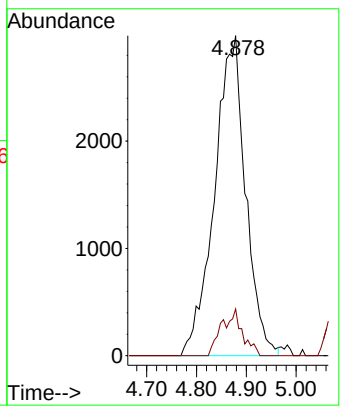




#11
Tert butyl alcohol
Concen: 112.894 ug/l
RT: 4.878 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 59 Resp: 1288

Ion	Ratio	Lower	Upper
59	100		
57	6.0	7.8	11.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

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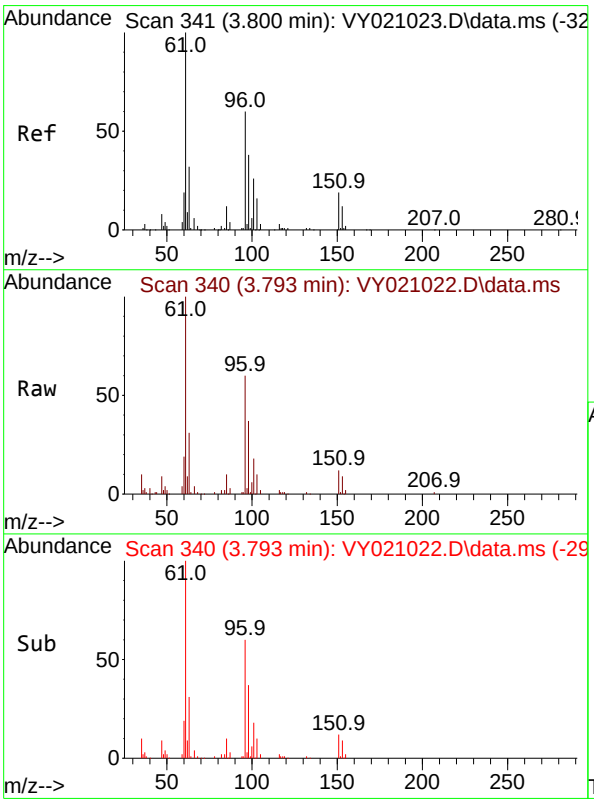
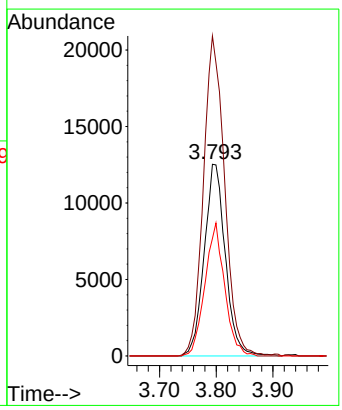
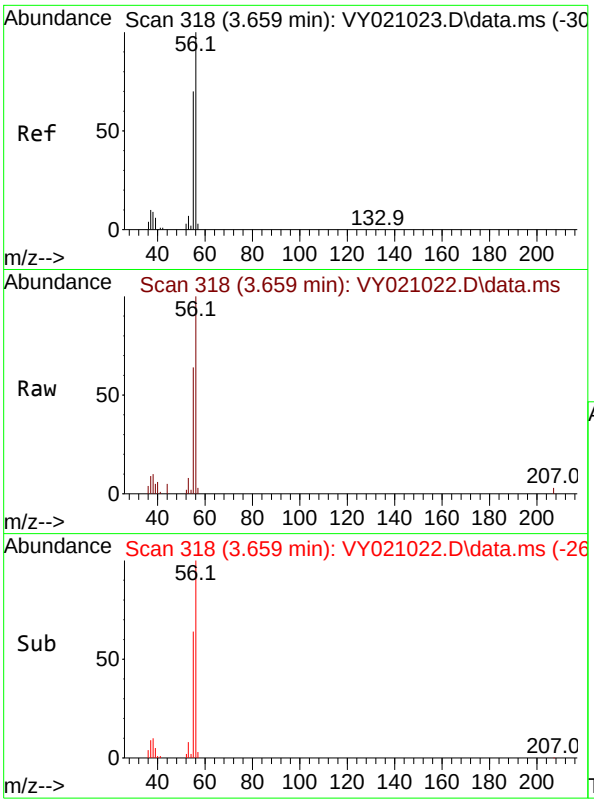


#12
1,1-Dichloroethene
Concen: 20.845 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 96 Resp: 32389

Ion	Ratio	Lower	Upper
96	100		
61	166.9	120.8	181.2
98	61.3	50.6	76.0





#13
Acrolein
Concen: 155.371 ug/l
RT: 3.659 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 56 Resp: 2042

Ion	Ratio	Lower	Upper
56	100		
55	70.3	56.1	84.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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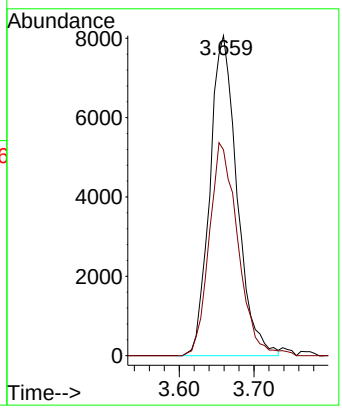
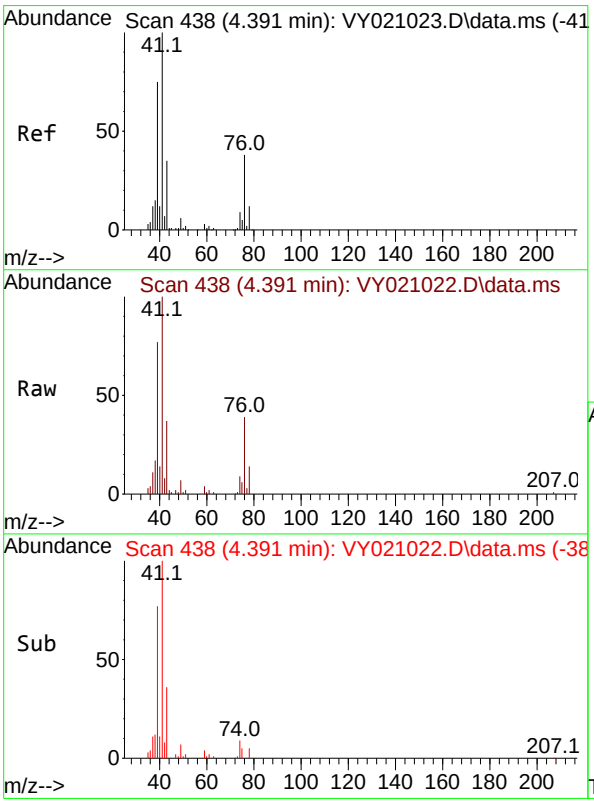
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

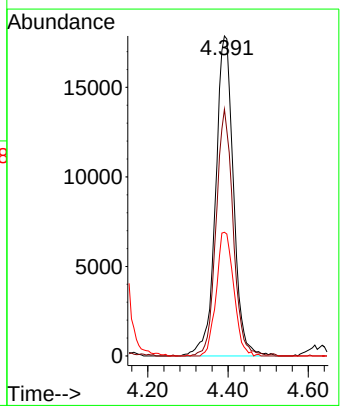


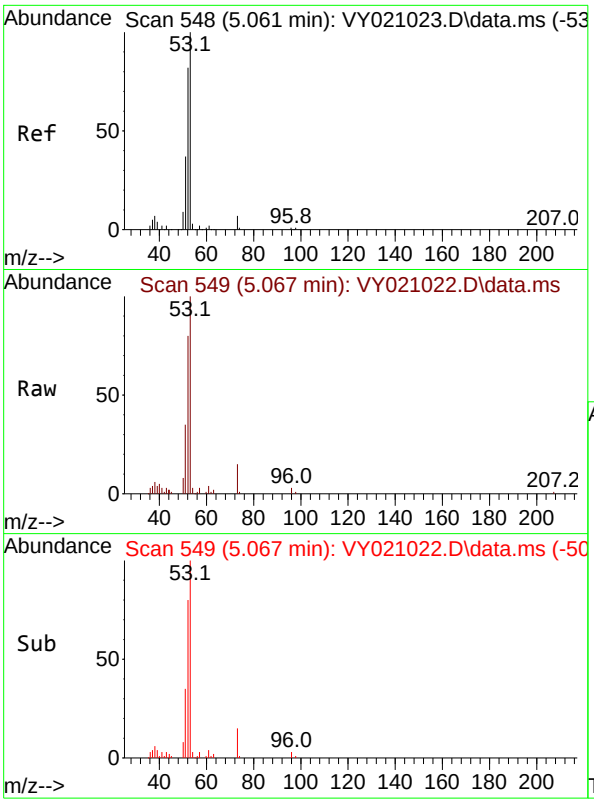


#14
Allyl chloride
Concen: 25.859 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 41 Resp: 55315

Ion	Ratio	Lower	Upper
41	100		
39	73.2	53.5	80.3
76	37.8	34.6	52.0





#15
Acrylonitrile
Concen: 127.343 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 53 Resp: 3861

Ion	Ratio	Lower	Upper
53	100		
52	79.0	66.2	99.4
51	35.8	29.4	44.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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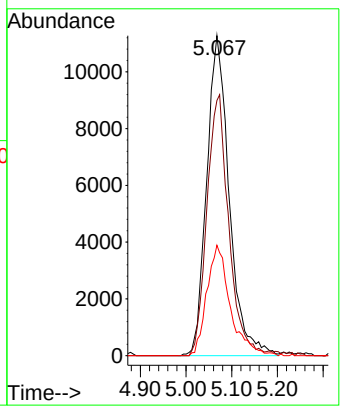
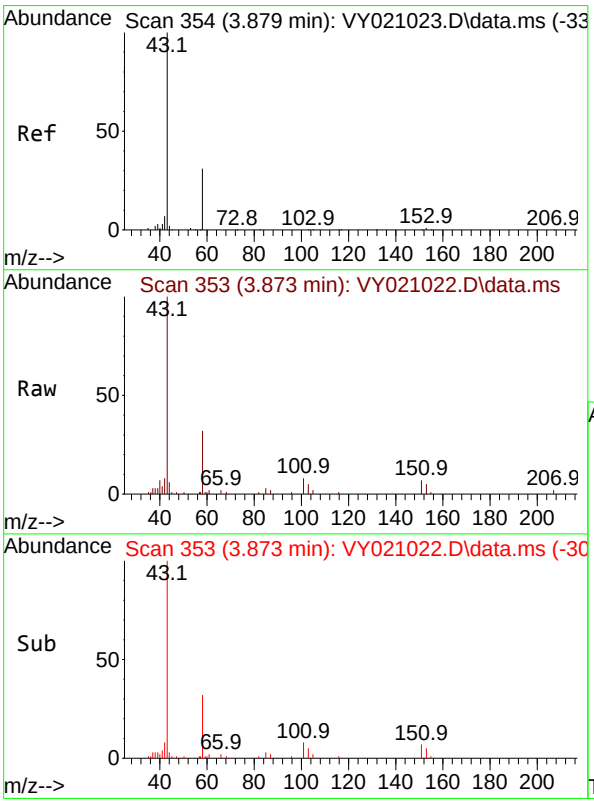
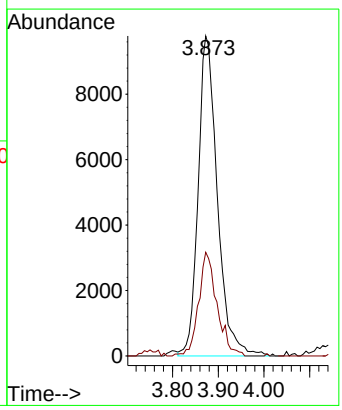


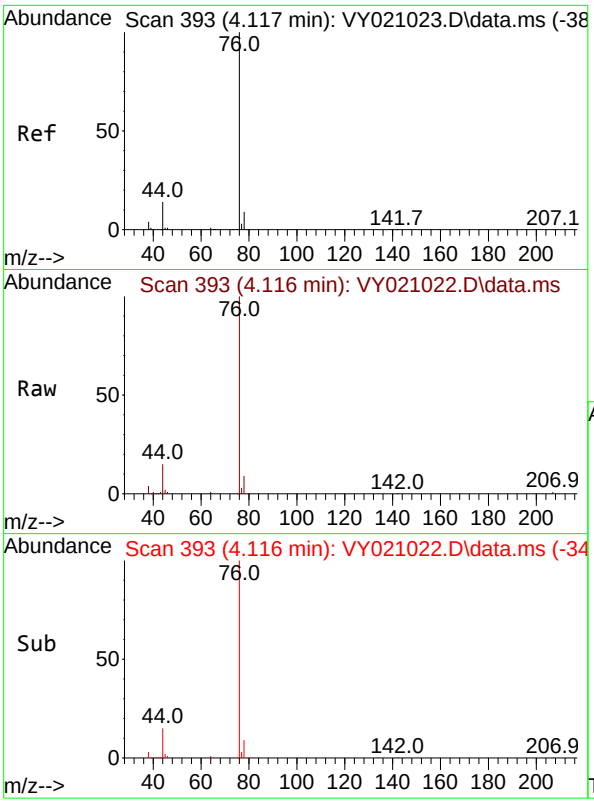


#16
Acetone
Concen: 133.874 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 43 Resp: 28518

Ion	Ratio	Lower	Upper
43	100		
58	32.4	28.4	42.6

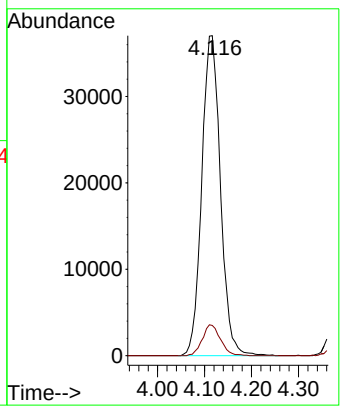




#17
Carbon Disulfide
Concen: 21.308 ug/l
RT: 4.116 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 76 Resp: 10197

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.3	10.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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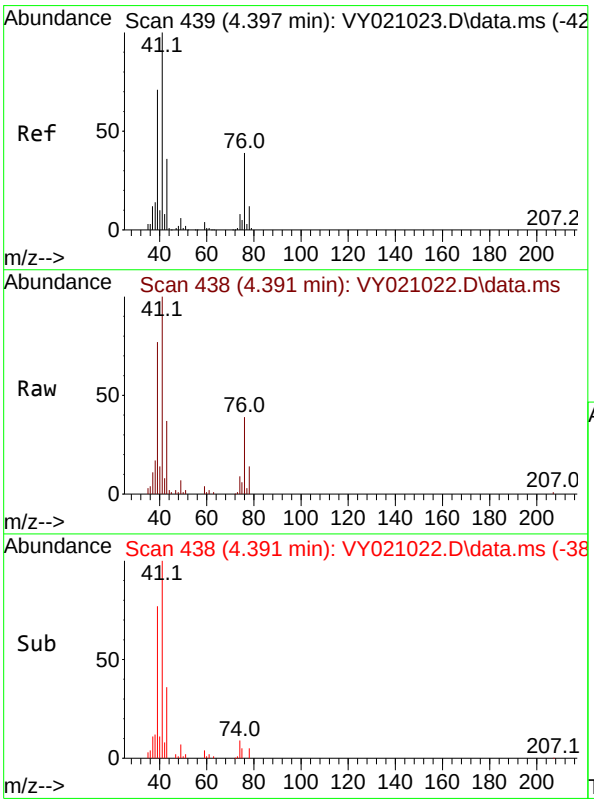
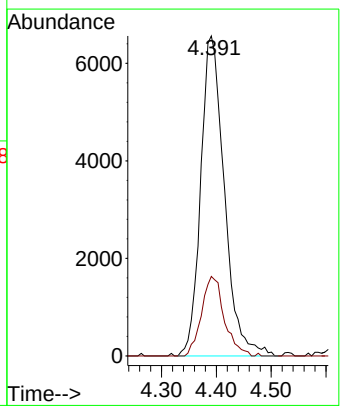
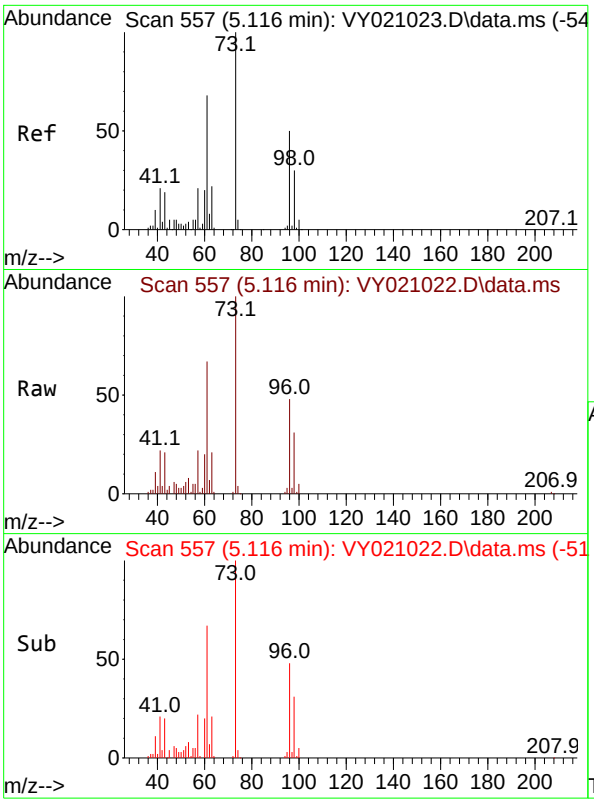


#18
Methyl Acetate
Concen: 26.393 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 43 Resp: 19673

Ion	Ratio	Lower	Upper
43	100		
74	23.8	22.2	33.4

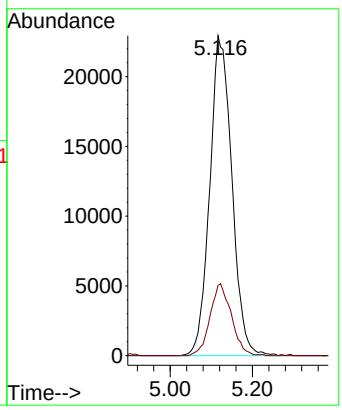




#19
Methyl tert-butyl Ether
Concen: 23.710 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 73 Resp: 8574

Ion	Ratio	Lower	Upper
73	100		
57	21.9	16.6	25.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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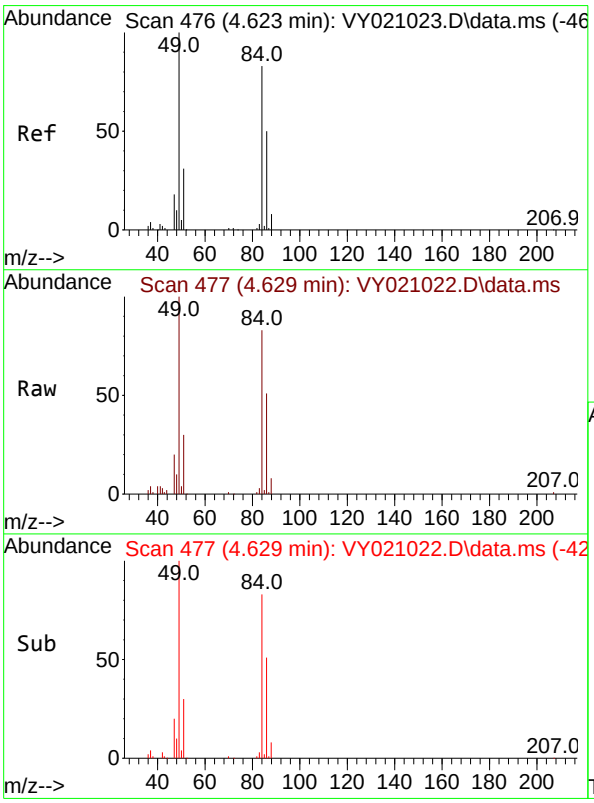
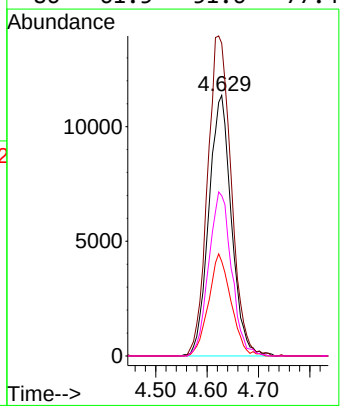
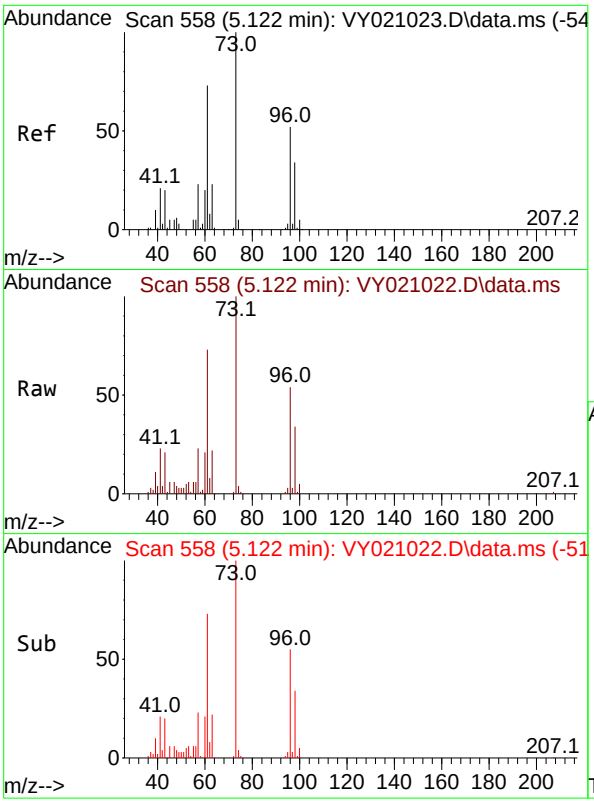


#20
Methylene Chloride
Concen: 22.087 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 84 Resp: 34701

Ion	Ratio	Lower	Upper
84	100		
49	120.0	88.3	132.5
51	36.3	27.7	41.5
86	61.5	51.6	77.4

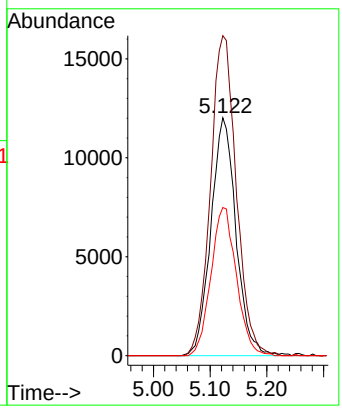




#21
trans-1,2-Dichloroethene
Concen: 22.137 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 96 Resp: 3687

Ion	Ratio	Lower	Upper
96	100		
61	134.5	101.5	152.3
98	62.3	52.0	78.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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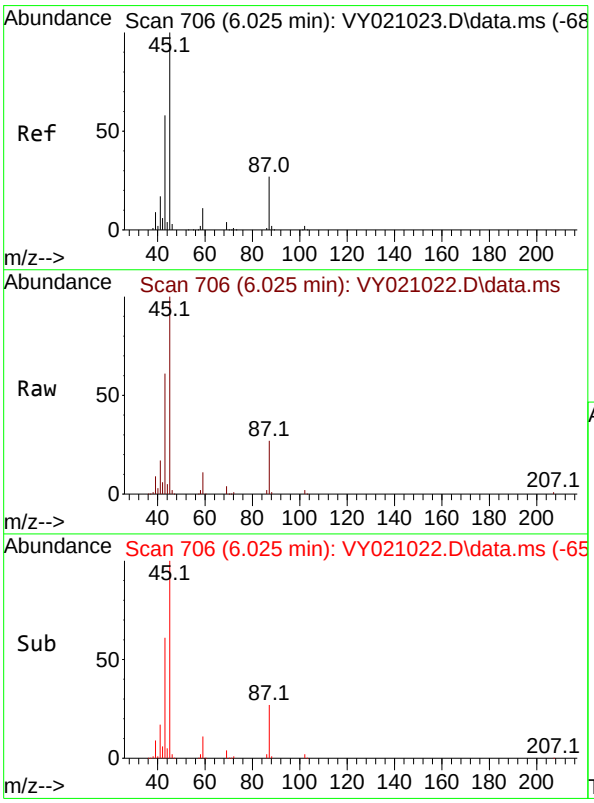
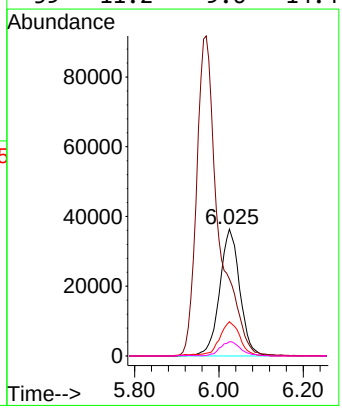
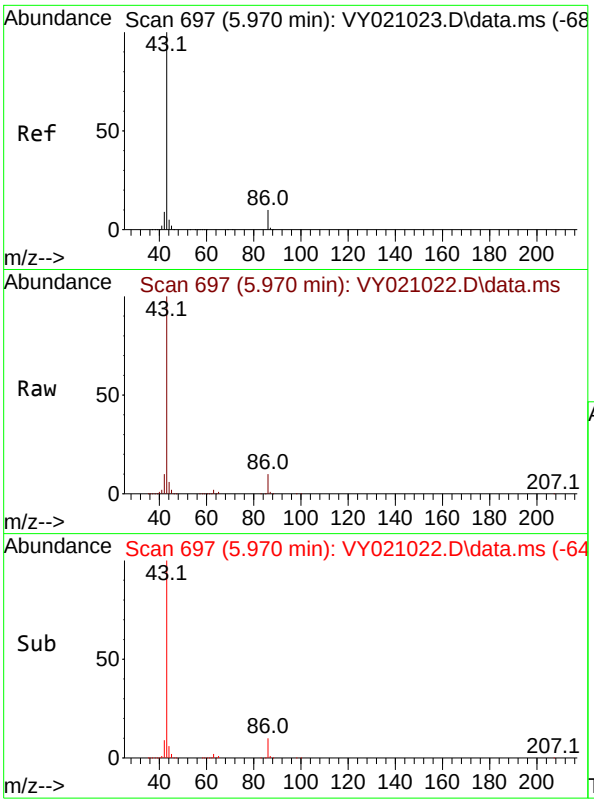


#22
Diisopropyl ether
Concen: 27.585 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 45 Resp: 120281

Ion	Ratio	Lower	Upper
45	100		
43	60.3	45.1	67.7
87	27.0	25.0	37.4
59	11.2	9.6	14.4





#23
Vinyl Acetate
Concen: 137.224 ug/l
RT: 5.970 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 43 Resp: 33135

Ion	Ratio	Lower	Upper
43	100		
86	10.1	9.7	14.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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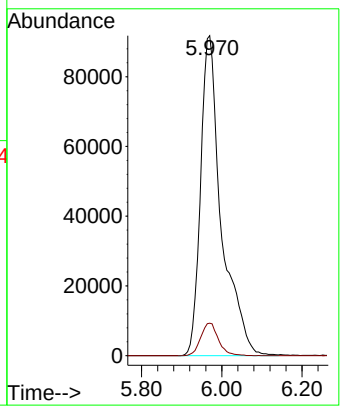
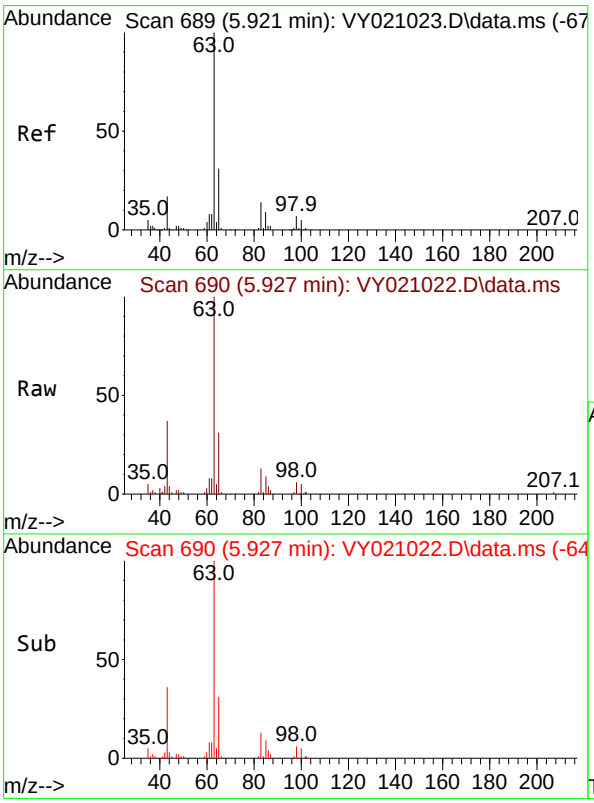
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

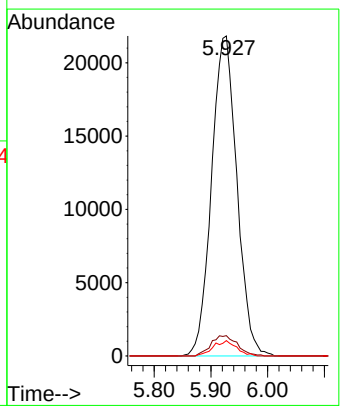


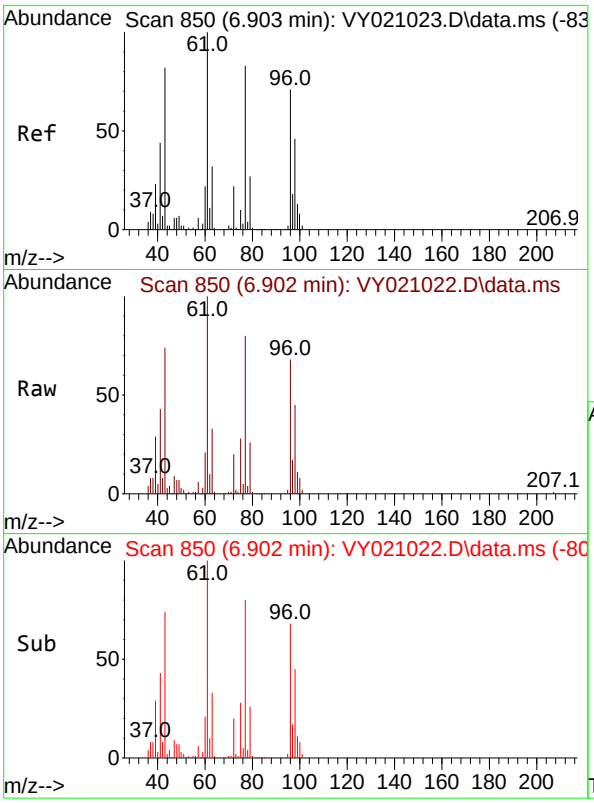


#24
1,1-Dichloroethane
Concen: 24.102 ug/l
RT: 5.927 min Scan# 690
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 63 Resp: 67799

Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.7	11.1
100	4.8	2.4	7.2

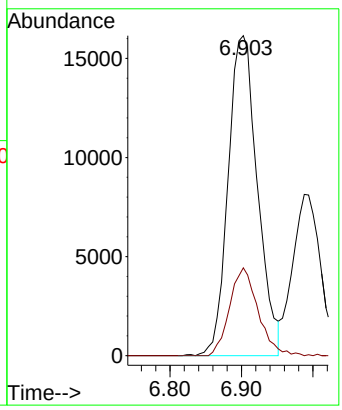




#25
2-Butanone
Concen: 127.520 ug/l
RT: 6.902 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 43 Resp: 4608

Ion	Ratio	Lower	Upper
43	100		
72	27.5	24.3	36.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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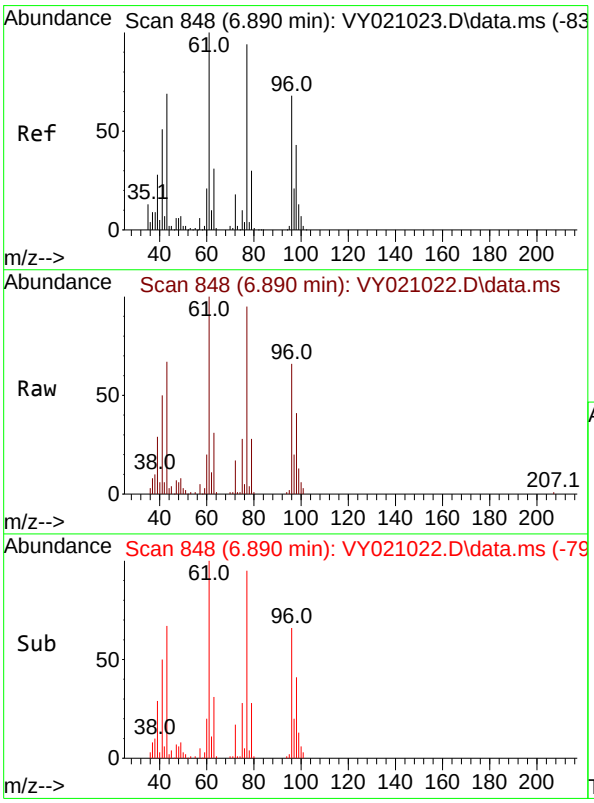
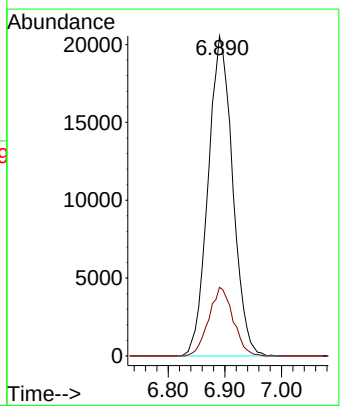
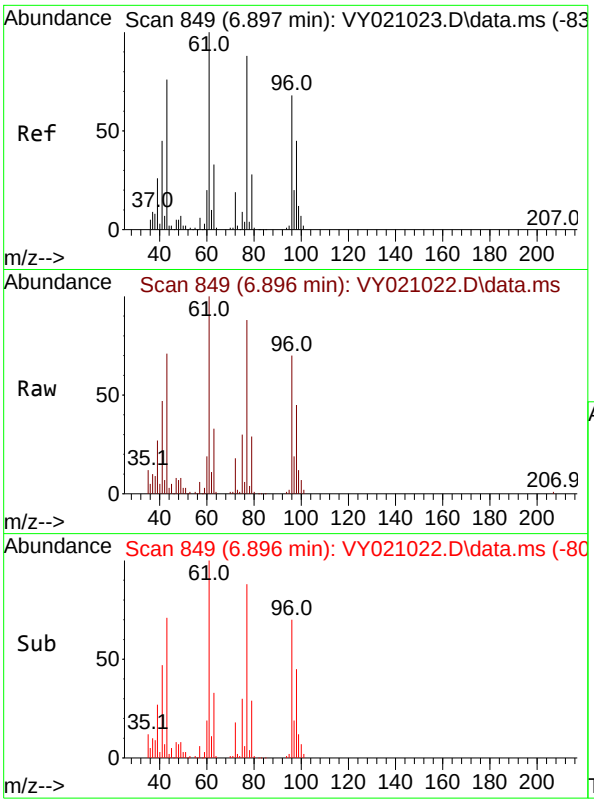


#26
2,2-Dichloropropane
Concen: 22.336 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 77 Resp: 61862

Ion	Ratio	Lower	Upper
77	100		
97	21.3	11.4	34.2

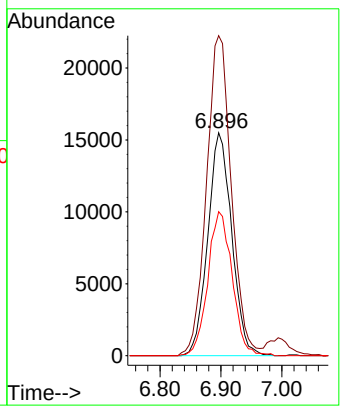




#27
cis-1,2-Dichloroethene
Concen: 22.120 ug/l
RT: 6.896 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 96 Resp: 4235

Ion	Ratio	Lower	Upper
96	100		
61	148.6	0.0	274.0
98	65.6	0.0	130.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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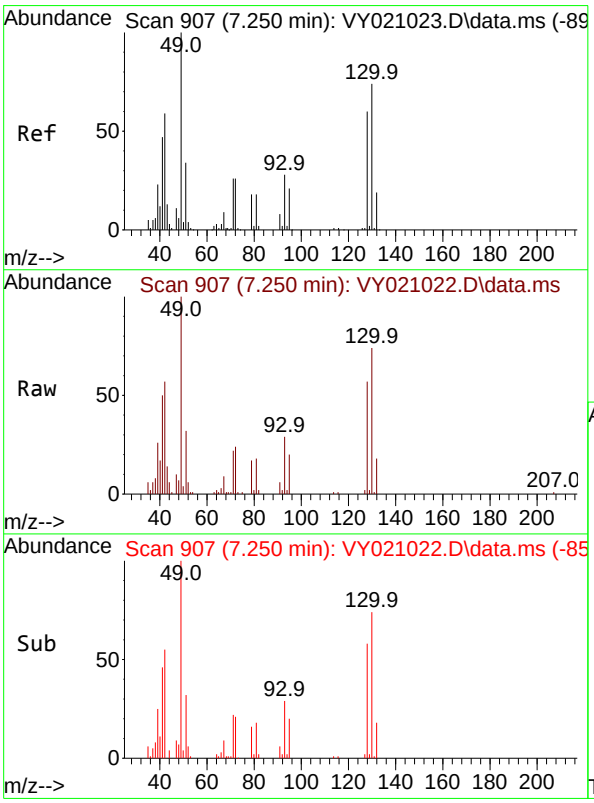
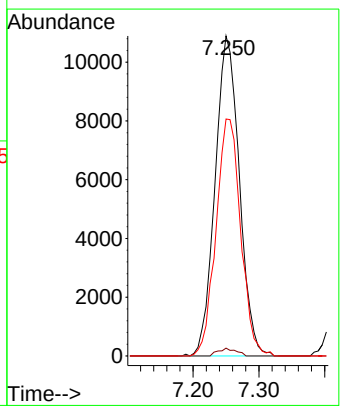
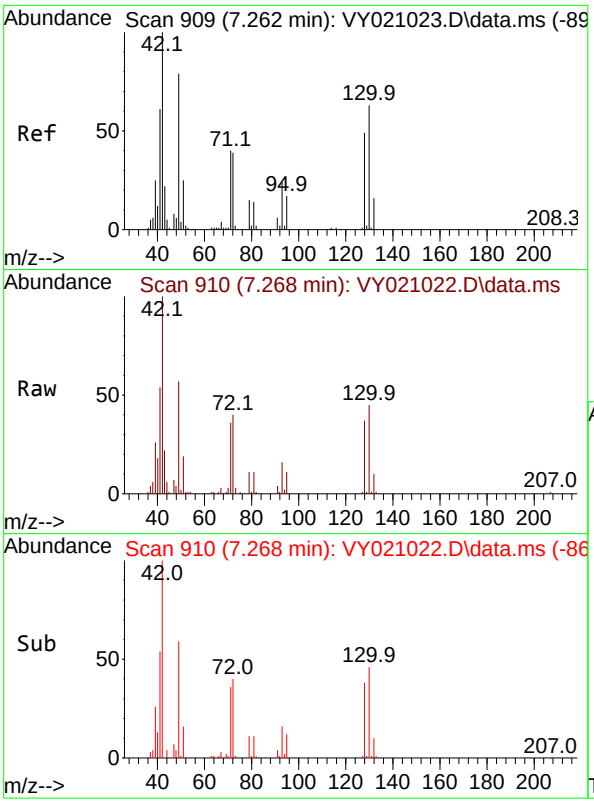


#28
Bromochloromethane
Concen: 26.684 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 49 Resp: 27966

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	5.0
130	75.3	73.2	109.8

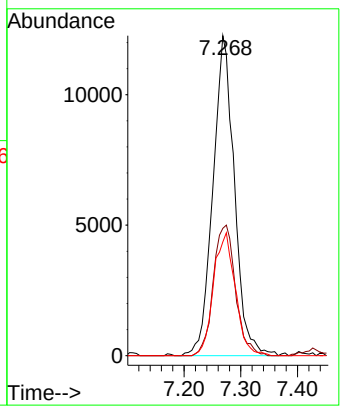




#29
Tetrahydrofuran
Concen: 132.707 ug/l
RT: 7.268 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 42 Resp: 3227

Ion	Ratio	Lower	Upper
42	100		
72	42.2	39.3	58.9
71	39.0	36.1	54.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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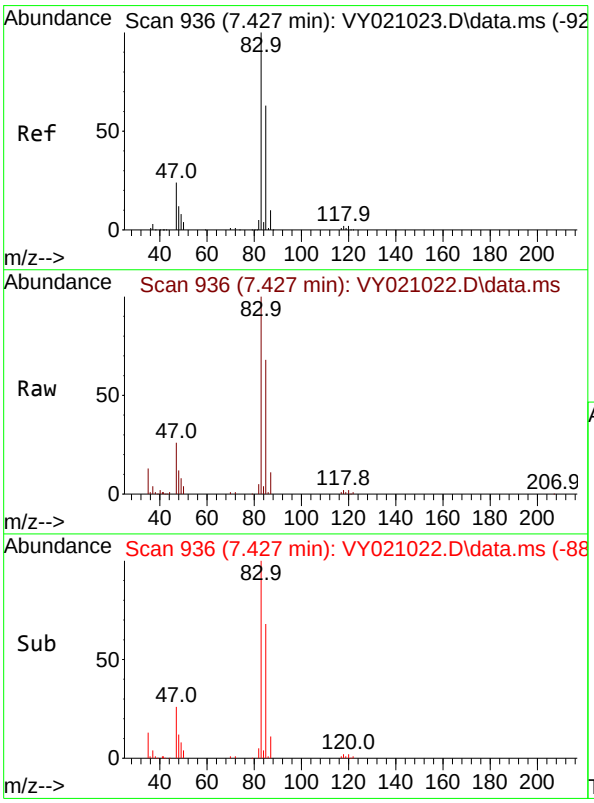
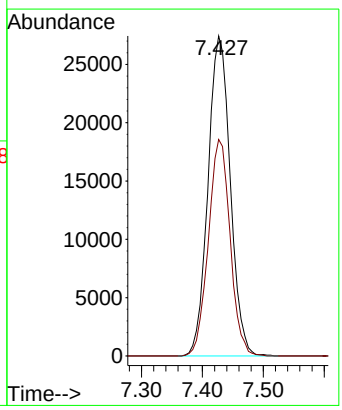
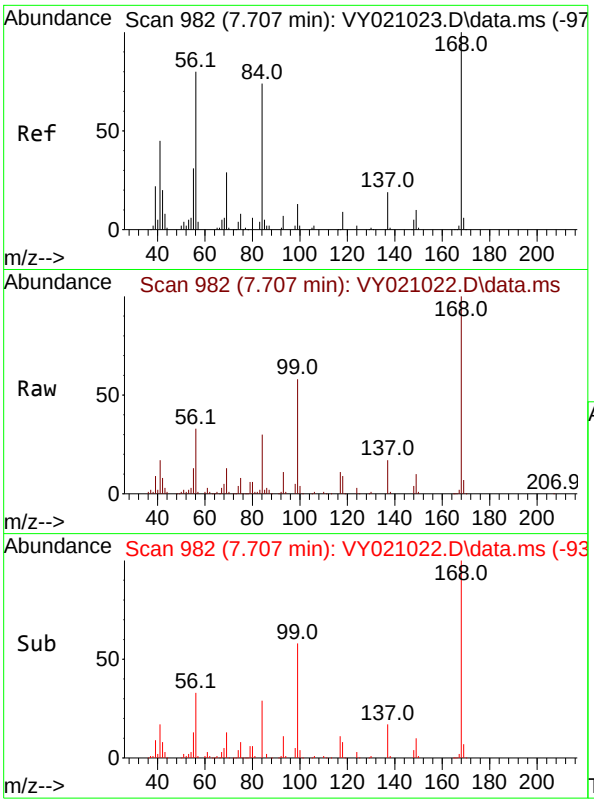


#30
Chloroform
Concen: 22.832 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 83 Resp: 69562

Ion	Ratio	Lower	Upper
83	100		
85	67.7	52.9	79.3

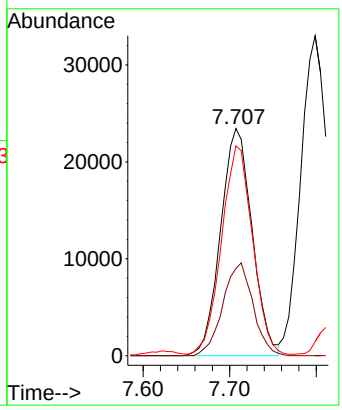




#31
Cyclohexane
Concen: 21.556 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 56 Resp: 5926

Ion	Ratio	Lower	Upper
56	100		
69	38.4	27.7	41.5
84	91.2	77.5	116.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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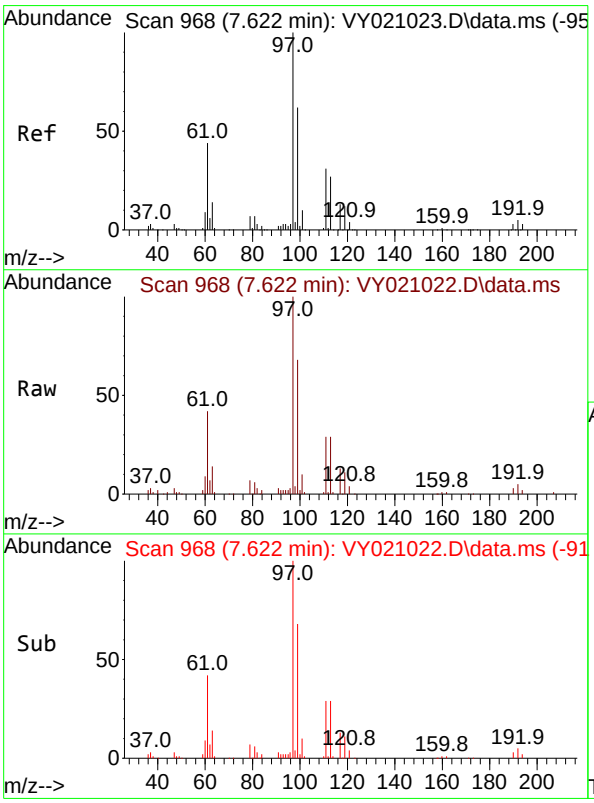
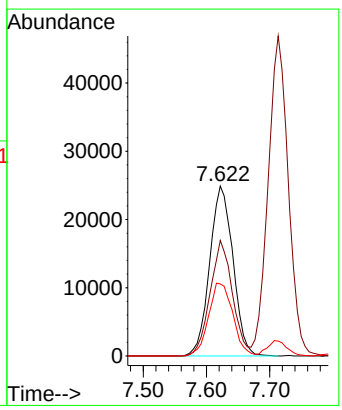
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

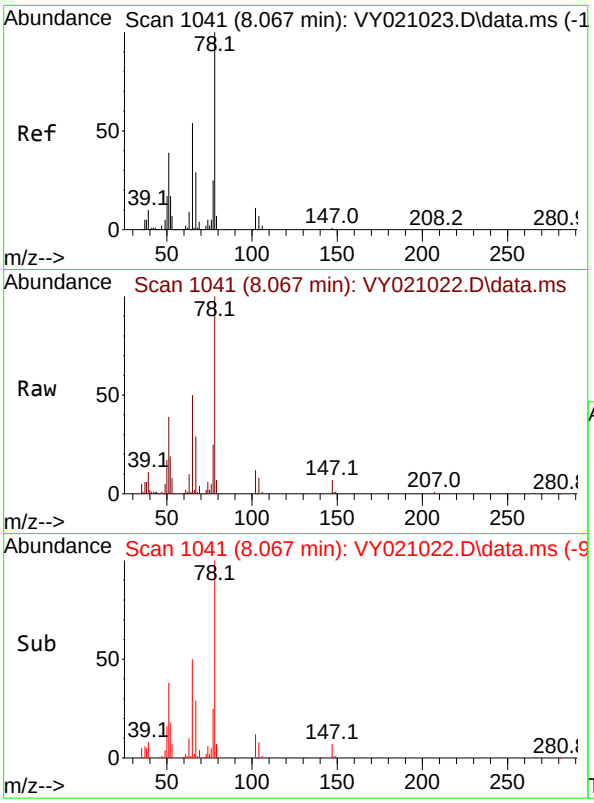


#32
1,1,1-Trichloroethane
Concen: 21.585 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 97 Resp: 63645

Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.4	77.0
61	44.5	31.4	47.0

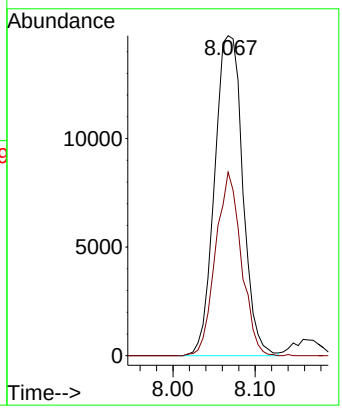




#33
1,2-Dichloroethane-d4
Concen: 22.450 ug/l
RT: 8.067 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 65 Resp: 3508

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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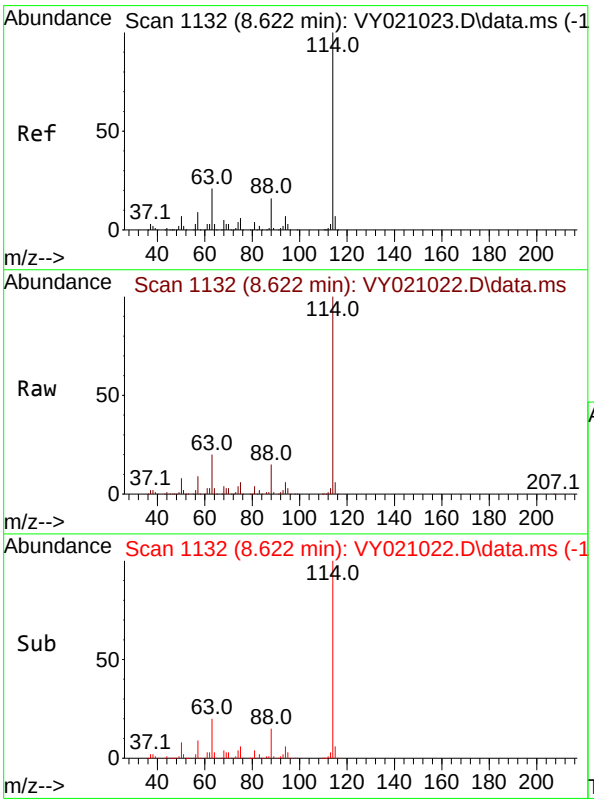
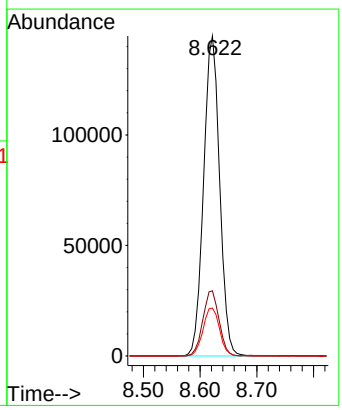
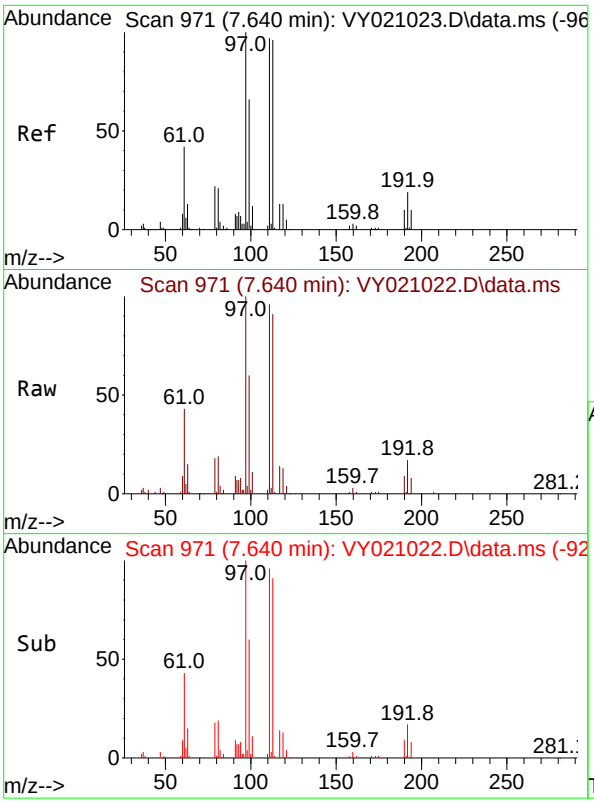


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:114 Resp: 284501

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	37.2
88	15.0	0.0	29.6

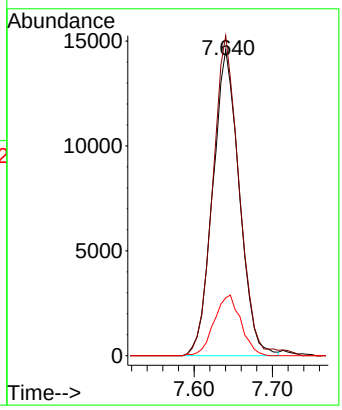




#35
Dibromofluoromethane
Concen: 20.042 ug/l
RT: 7.640 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:113 Resp: 3427

Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.6	123.8
192	20.0	16.8	25.2



Instrument :
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ClientSampleId :
VSTDICC020

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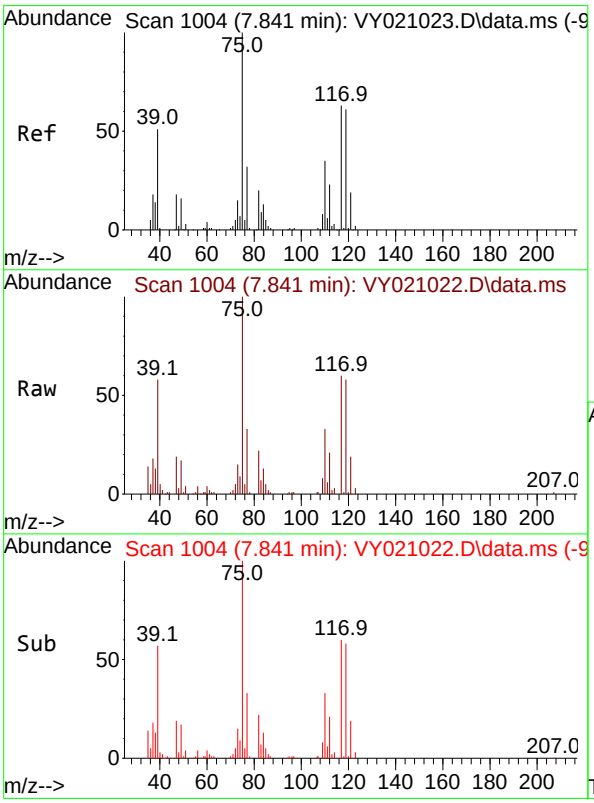
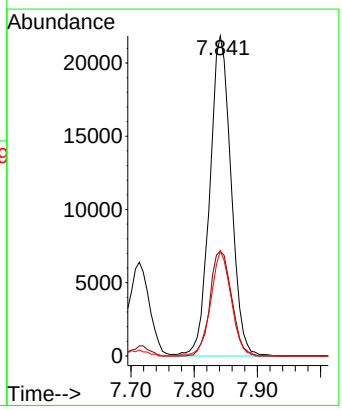
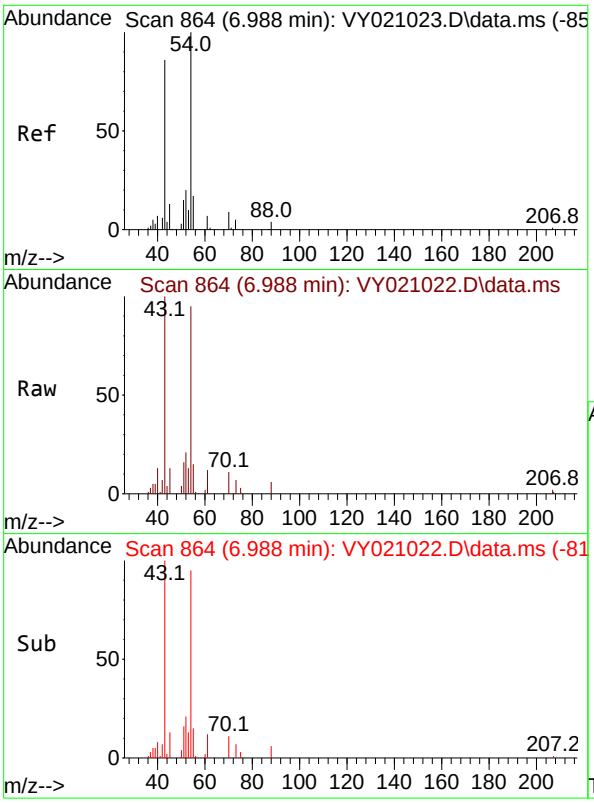


#36
1,1-Dichloropropene
Concen: 20.868 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 75 Resp: 50918

Ion	Ratio	Lower	Upper
75	100		
110	33.3	18.4	55.2
77	31.6	24.9	37.3





#37
Ethyl Acetate
Concen: 26.080 ug/l
RT: 6.988 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 43 Resp: 2372

Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.4	17.0
70	9.2	9.6	14.4

Instrument :
MSVOA_Y
ClientSampleId :
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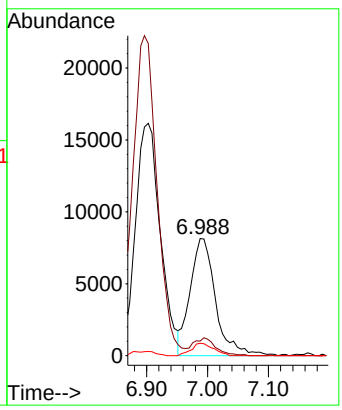
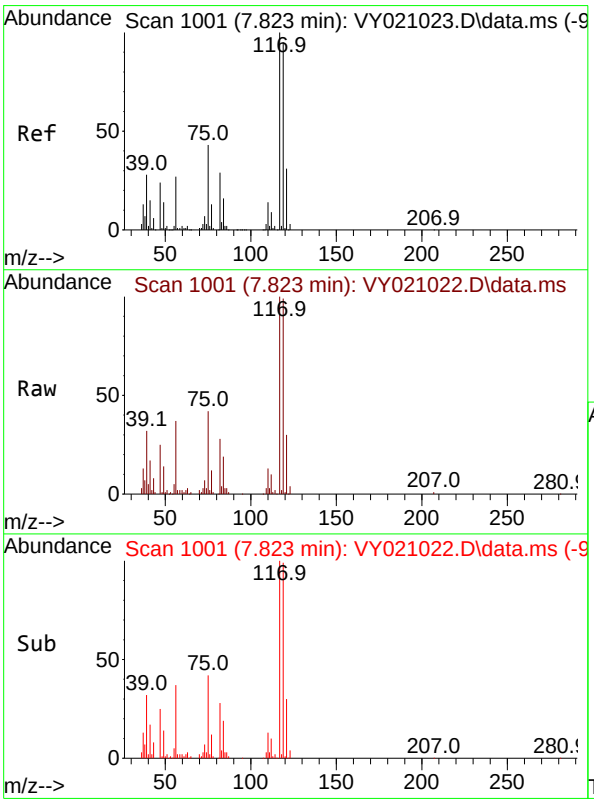
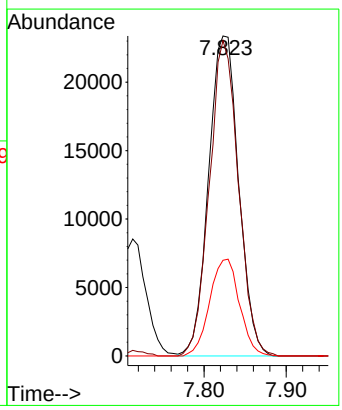


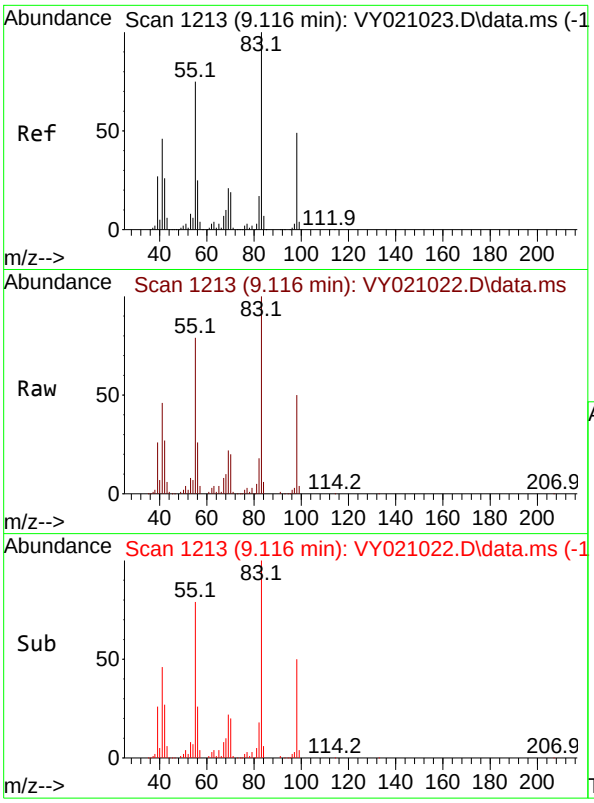


#38
Carbon Tetrachloride
Concen: 19.683 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:117 Resp: 59433

Ion	Ratio	Lower	Upper
117	100		
119	98.6	75.0	112.6
121	29.9	24.2	36.2





#39
Methylcyclohexane
Concen: 18.619 ug/l
RT: 9.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 83 Resp: 6102

Ion	Ratio	Lower	Upper
83	100		
55	78.9	54.9	82.3
98	49.7	40.5	60.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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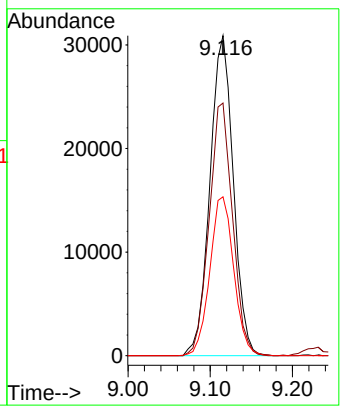
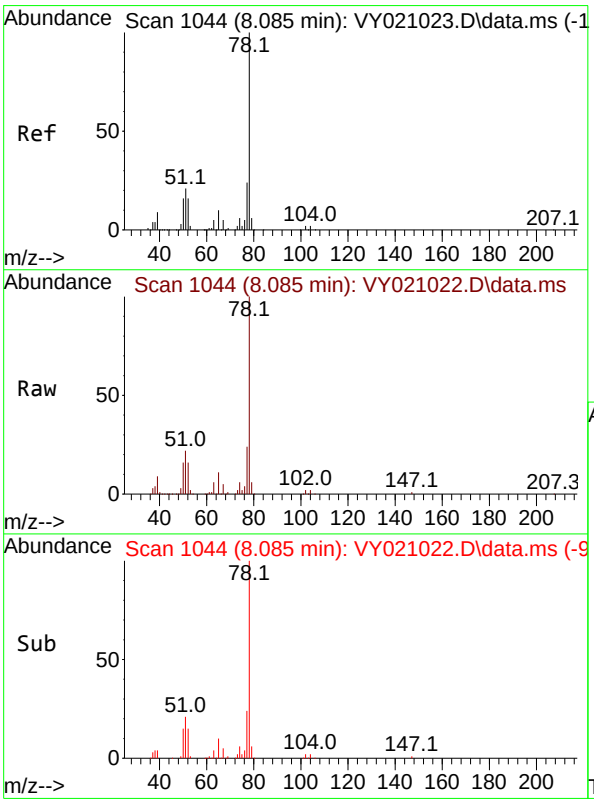
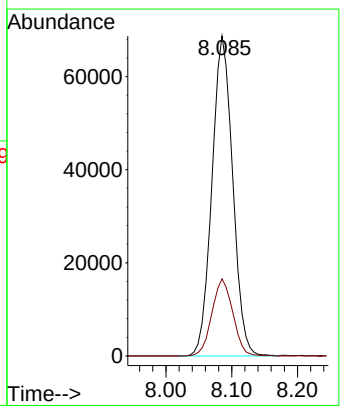


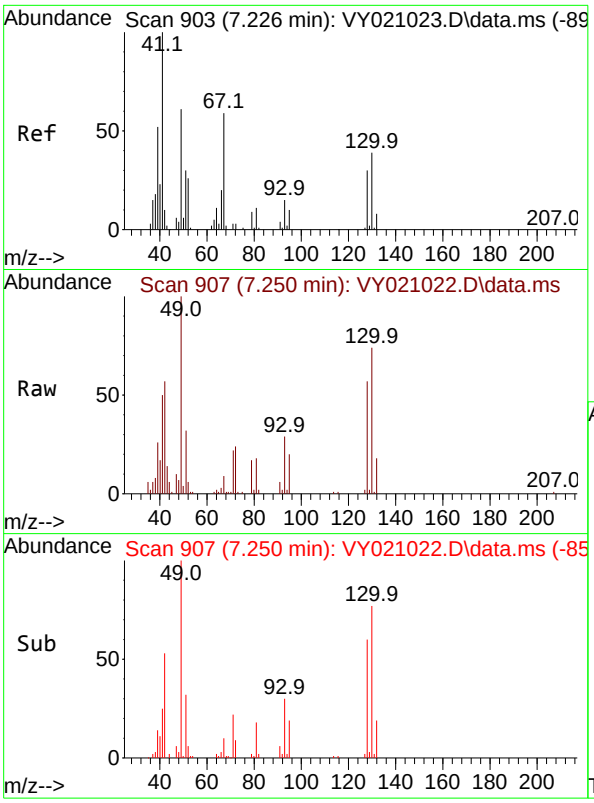


#40
Benzene
Concen: 21.027 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 78 Resp: 150967

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.4	29.2

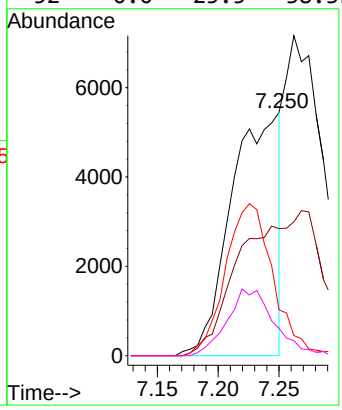




#41
Methacrylonitrile
Concen: 30.084 ug/l m
RT: 7.250 min Scan# 9
Delta R.T. 0.025 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 41 Resp: 1514

Ion	Ratio	Lower	Upper
41	100		
39	102.2	41.6	62.4#
67	0.0	63.8	95.6#
52	0.0	25.5	38.3#



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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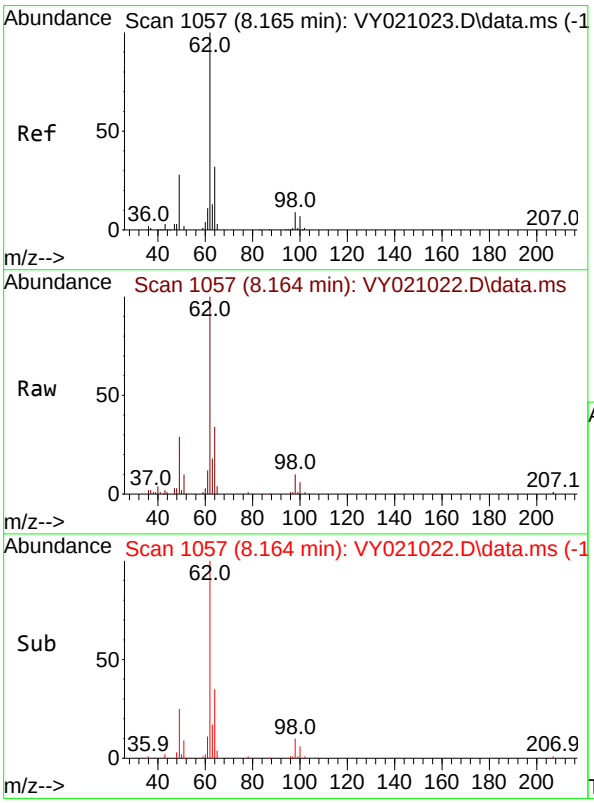
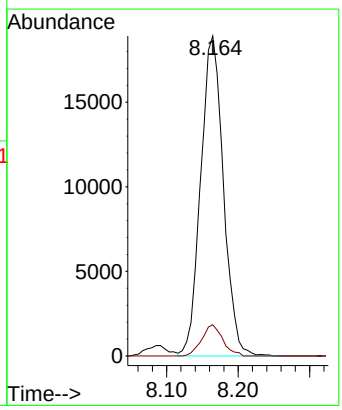
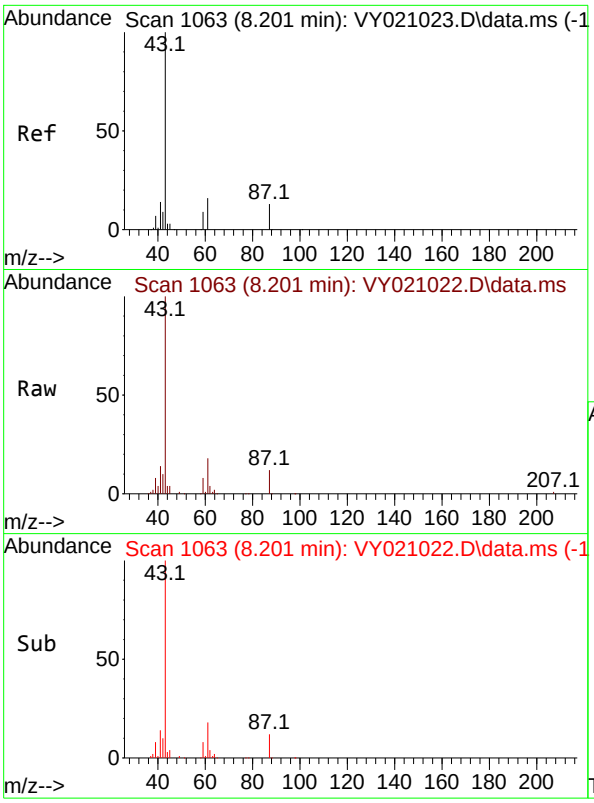


#42
1,2-Dichloroethane
Concen: 22.916 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 62 Resp: 41726

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.4





#43
Isopropyl Acetate
Concen: 25.040 ug/l
RT: 8.201 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 43 Resp: 4550

Ion	Ratio	Lower	Upper
43	100		
61	20.2	15.8	23.6
87	13.5	12.5	18.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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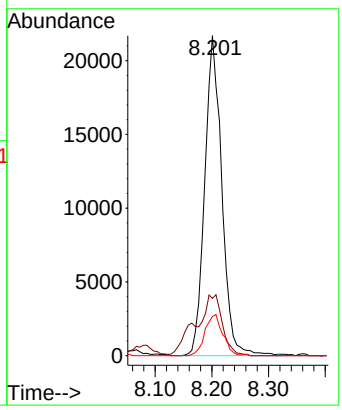
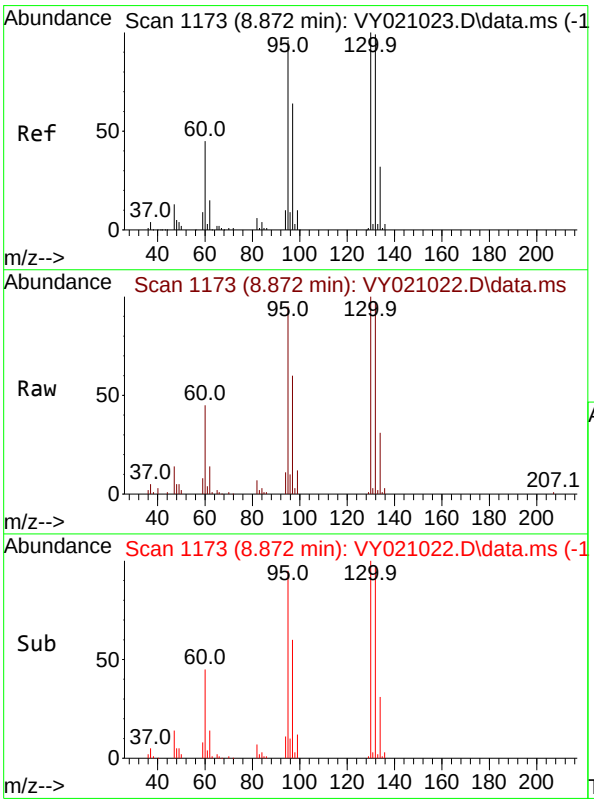
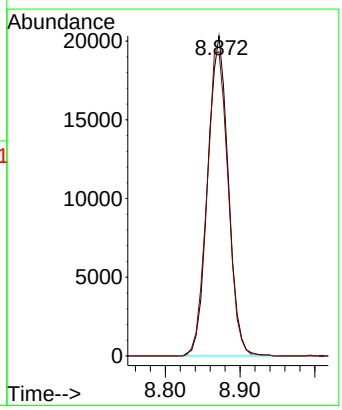


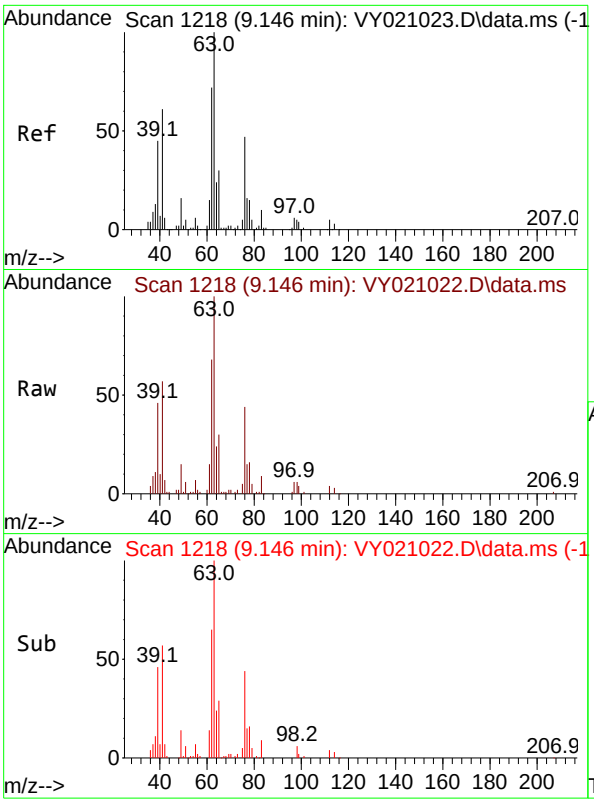


#44
Trichloroethene
Concen: 19.606 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:130 Resp: 38841

Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	189.6

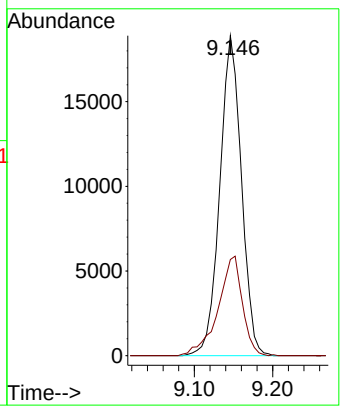




#45
1,2-Dichloropropane
Concen: 22.538 ug/l
RT: 9.146 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 63 Resp: 3626

Ion	Ratio	Lower	Upper
63	100		
65	30.0	23.6	35.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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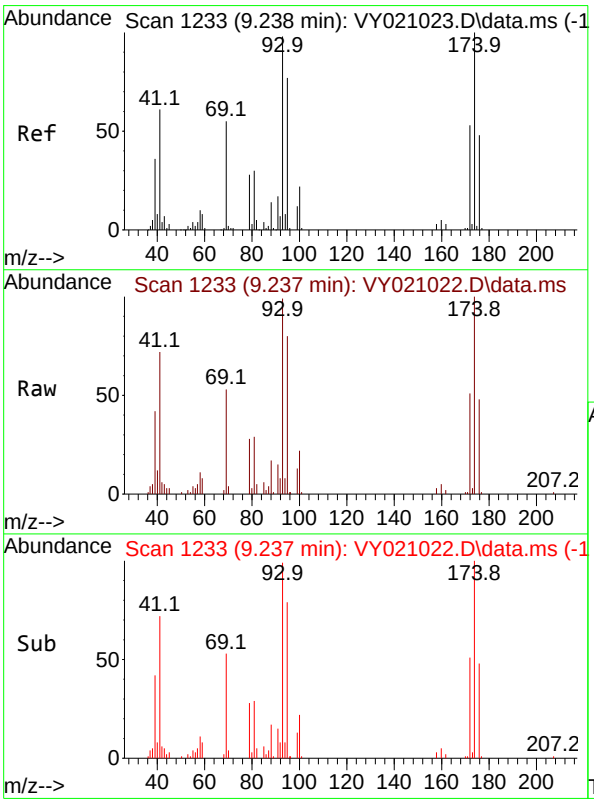
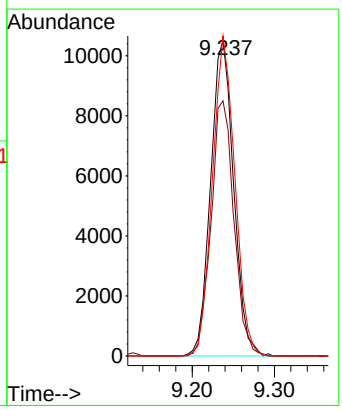
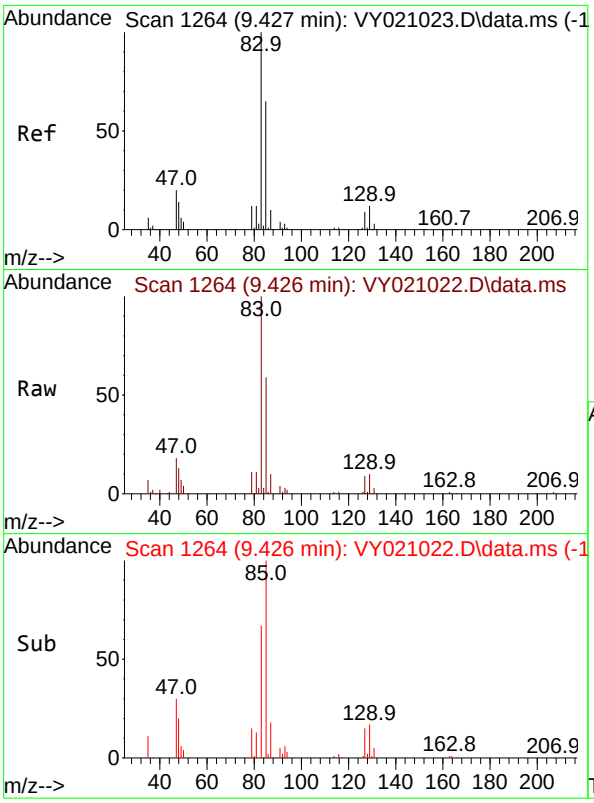


#46
Dibromomethane
Concen: 21.802 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 93 Resp: 20417

Ion	Ratio	Lower	Upper
93	100		
95	80.6	65.8	98.8
174	98.9	88.1	132.1

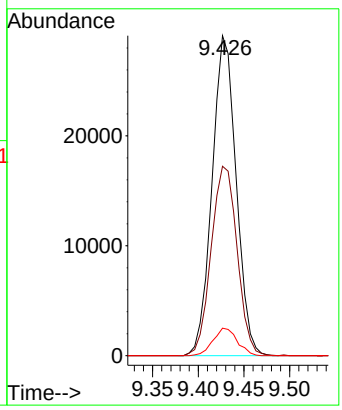




#47
Bromodichloromethane
Concen: 21.723 ug/l
RT: 9.426 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 83 Resp: 5342

Ion	Ratio	Lower	Upper
83	100		
85	59.2	49.6	74.4
127	8.6	7.1	10.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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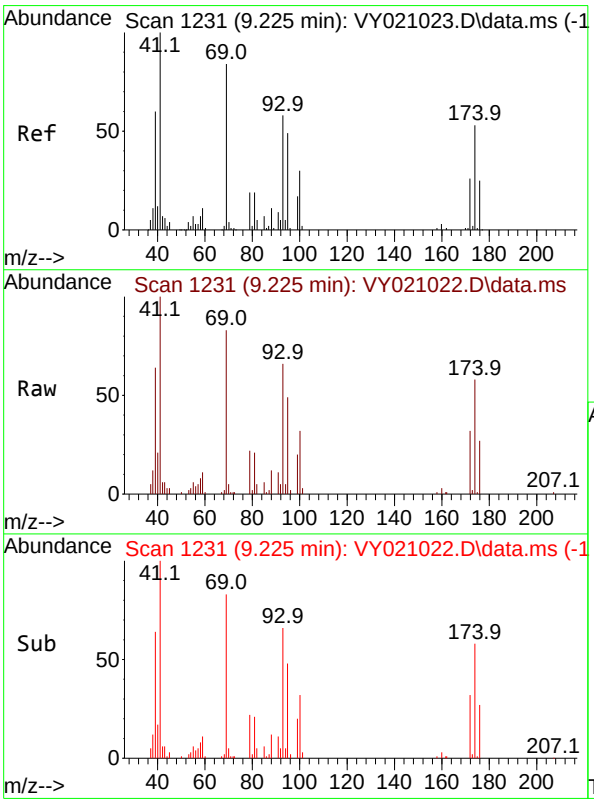
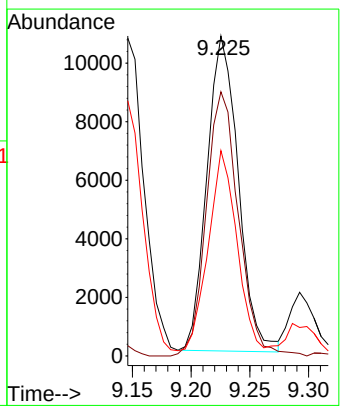
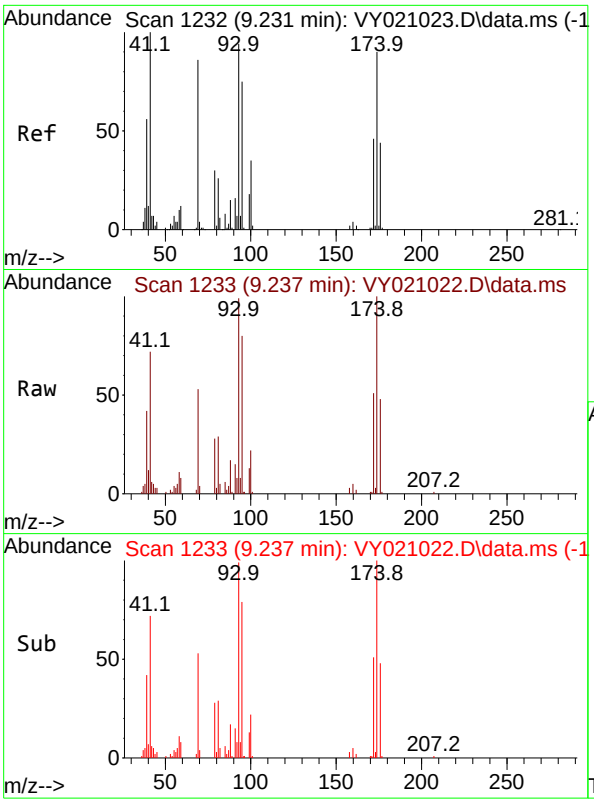


#48
Methyl methacrylate
Concen: 23.066 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 41 Resp: 19957

Ion	Ratio	Lower	Upper
41	100		
69	86.6	75.6	113.4
39	58.1	41.3	61.9

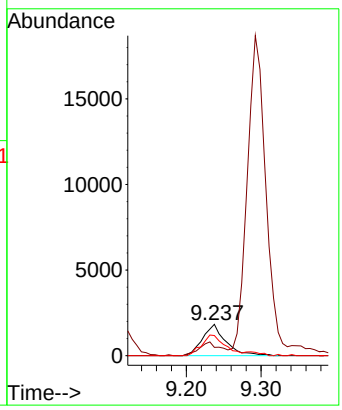




#49
1,4-Dioxane
Concen: 395.839 ug/l
RT: 9.237 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 88 Resp: 393

Ion	Ratio	Lower	Upper
88	100		
43	40.0	24.2	36.4
58	66.2	57.3	85.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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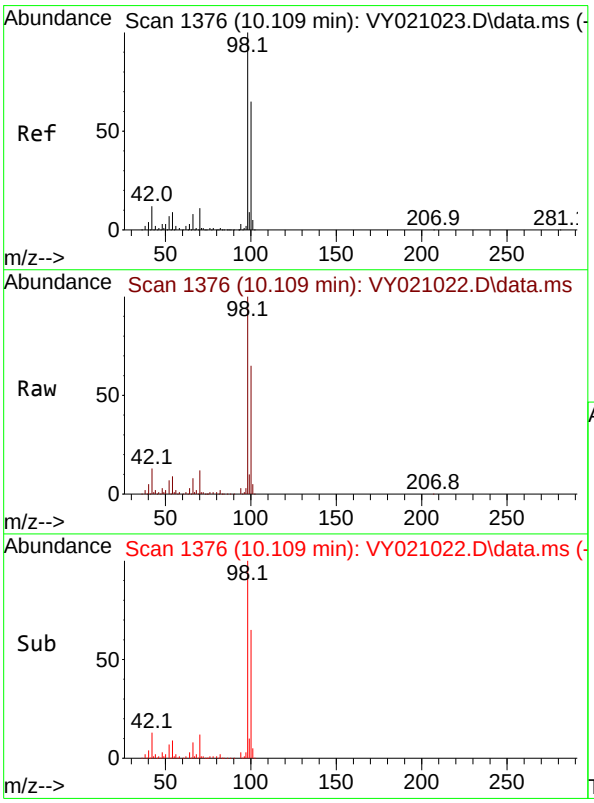
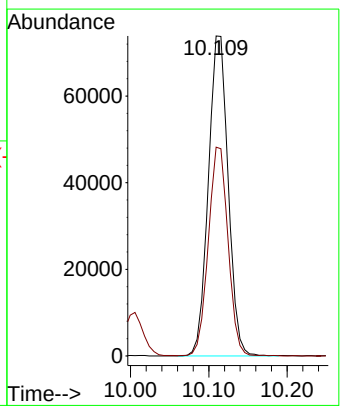
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

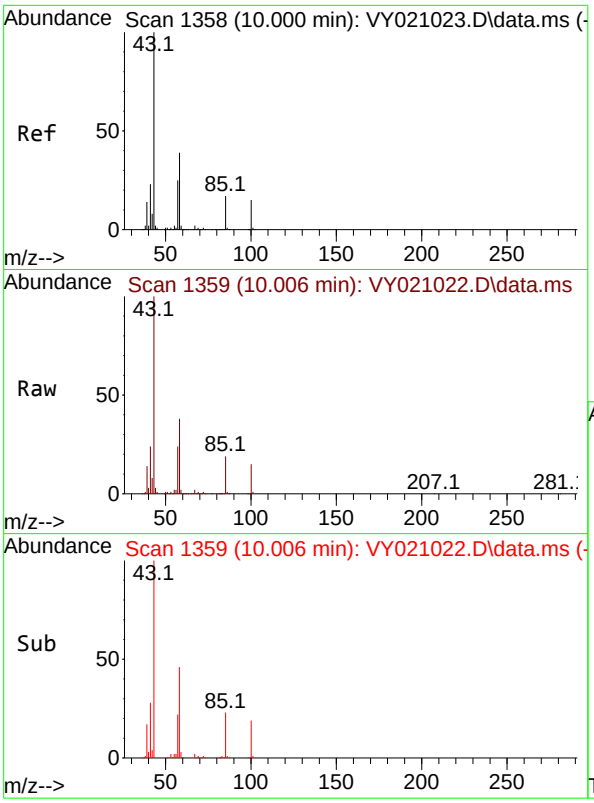


#50
Toluene-d8
Concen: 19.423 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 98 Resp: 129662

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.6	79.0

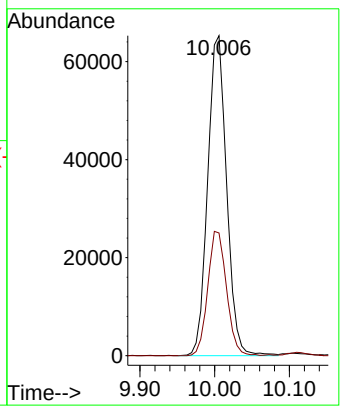




#51
4-Methyl-2-Pentanone
Concen: 122.983 ug/l
RT: 10.006 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 43 Resp: 11484

Ion	Ratio	Lower	Upper
43	100		
58	38.6	33.8	50.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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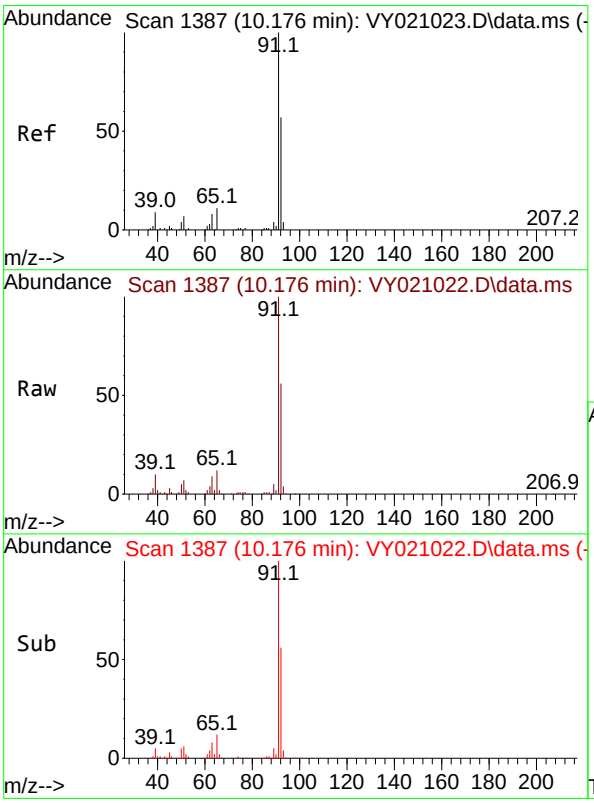
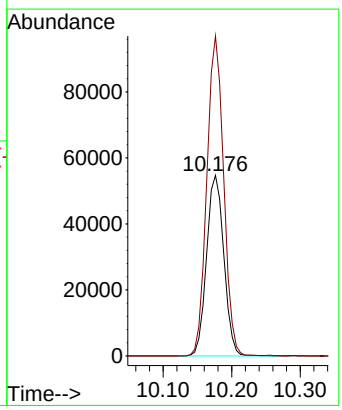
Supervised By :Semsettin Yesilyurt 02/04/2025

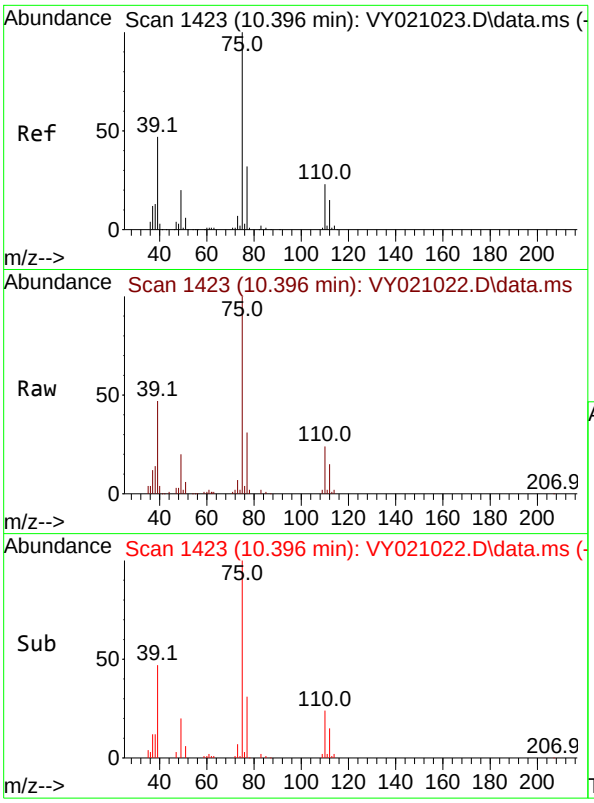


#52
Toluene
Concen: 20.517 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 92 Resp: 95614

Ion	Ratio	Lower	Upper
92	100		
91	172.9	135.8	203.8

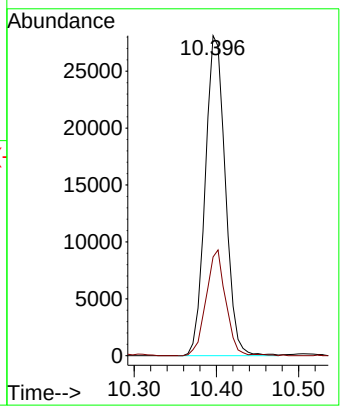




#53
t-1,3-Dichloropropene
Concen: 21.429 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 75 Resp: 4769

Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.9	38.9



Instrument :
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ClientSampleId :
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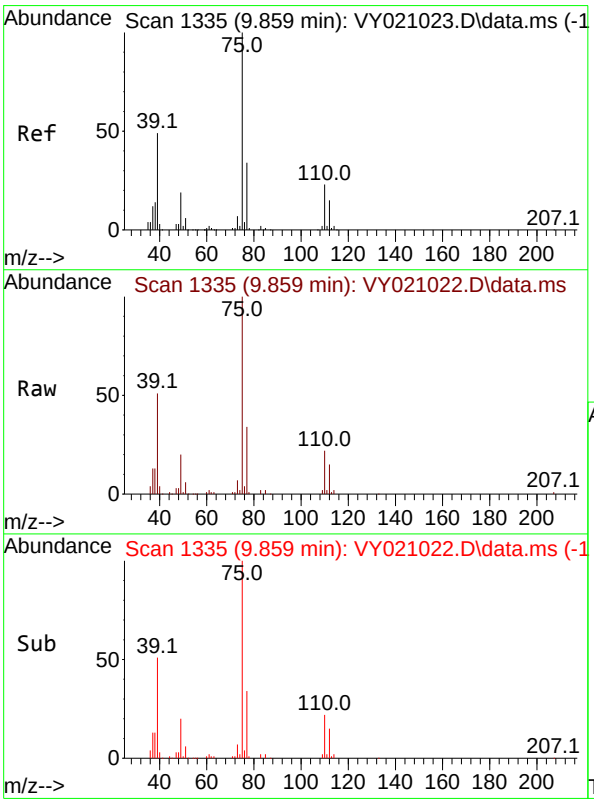
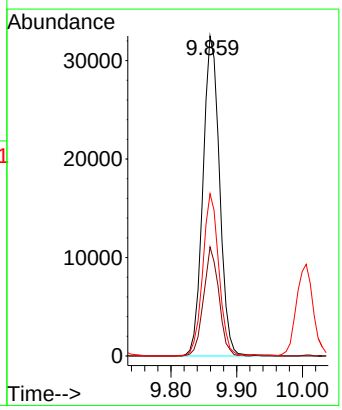
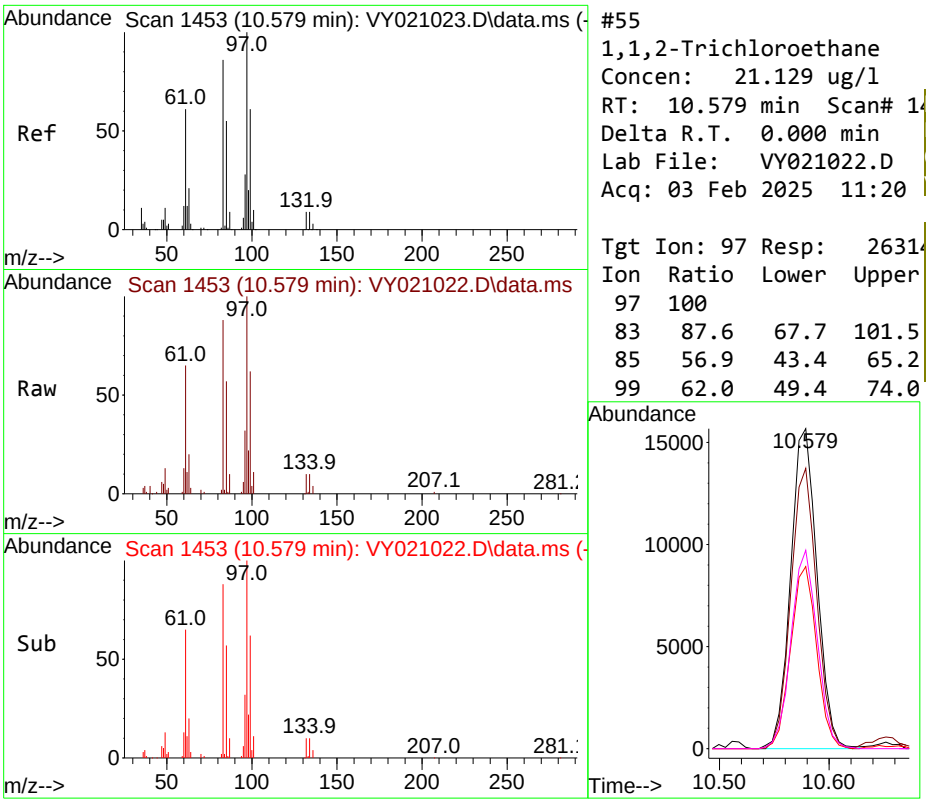


#54
cis-1,3-Dichloropropene
Concen: 21.469 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 75 Resp: 57105

Ion	Ratio	Lower	Upper
75	100		
77	34.1	25.4	38.0
39	50.6	32.2	48.2#





#55
1,1,2-Trichloroethane
Concen: 21.129 ug/l
RT: 10.579 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 97 Resp: 2631

Ion	Ratio	Lower	Upper
97	100		
83	87.6	67.7	101.5
85	56.9	43.4	65.2
99	62.0	49.4	74.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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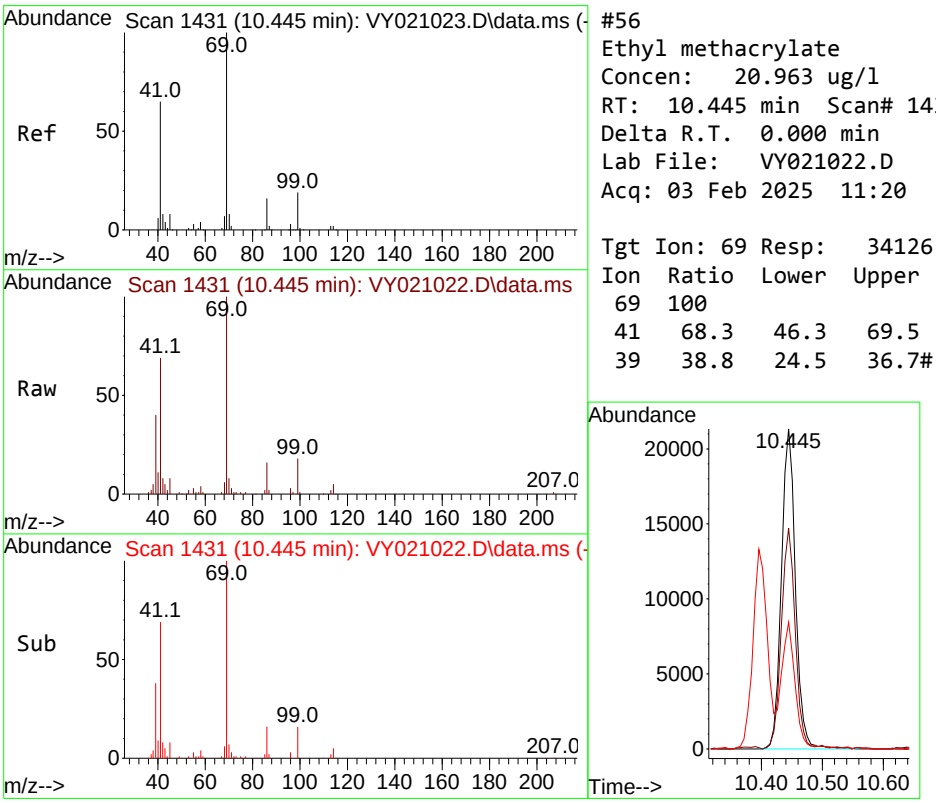
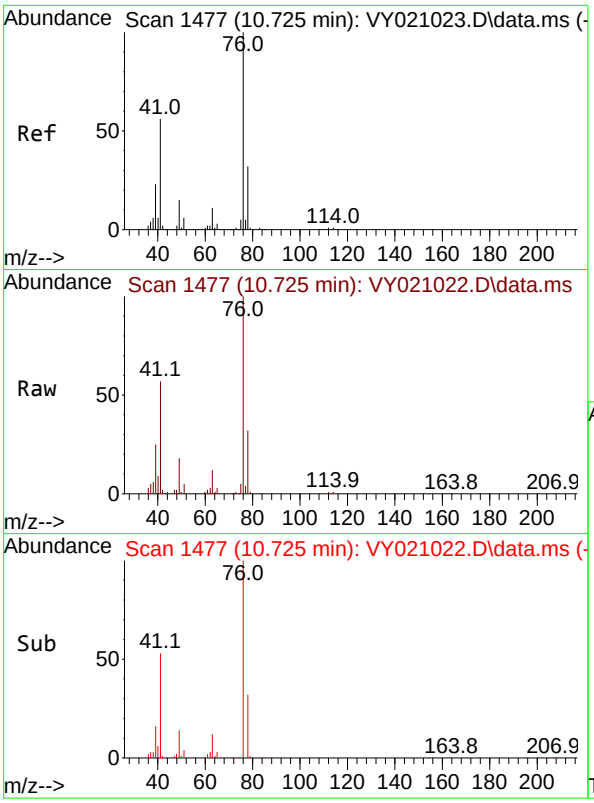


#56
Ethyl methacrylate
Concen: 20.963 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 69 Resp: 34126

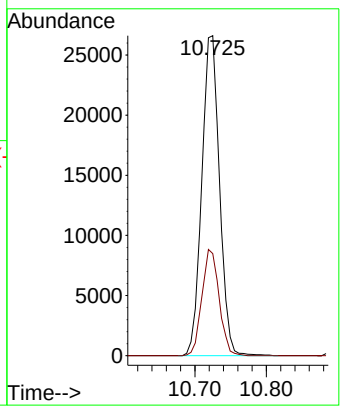
Ion	Ratio	Lower	Upper
69	100		
41	68.3	46.3	69.5
39	38.8	24.5	36.7#



#57
1,3-Dichloropropane
Concen: 21.690 ug/l
RT: 10.725 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 76 Resp: 4578

Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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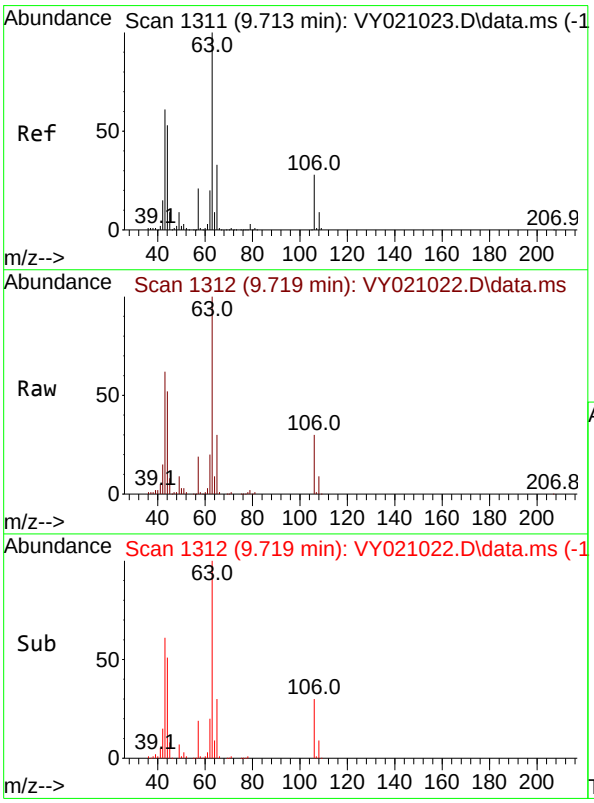
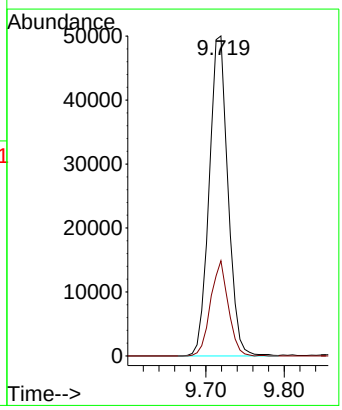
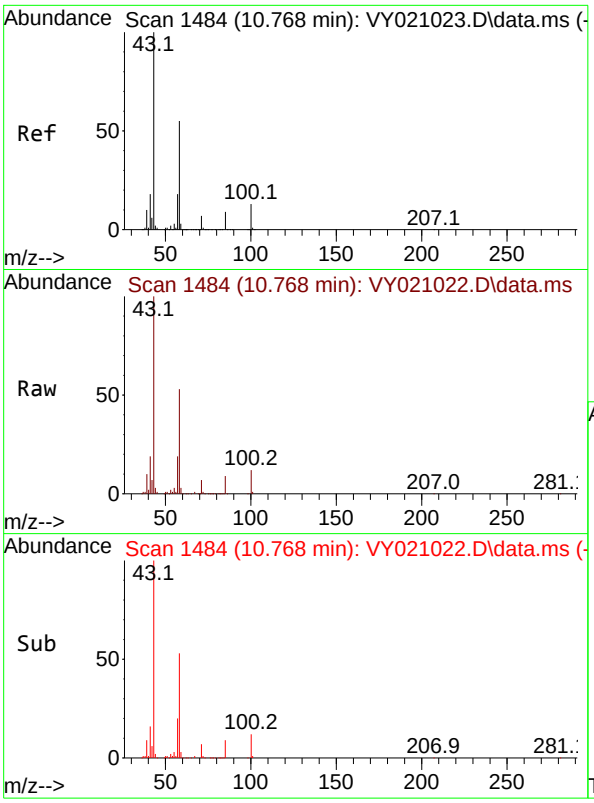


#58
2-Chloroethyl Vinyl ether
Concen: 120.208 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 63 Resp: 83057

Ion	Ratio	Lower	Upper
63	100		
106	28.1	24.7	37.1

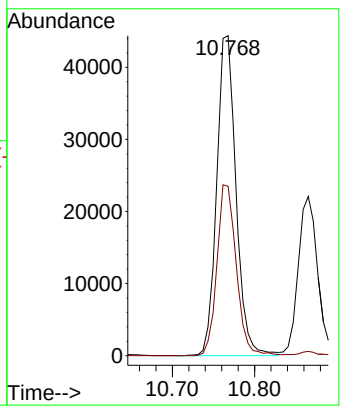




#59
2-Hexanone
Concen: 119.535 ug/l
RT: 10.768 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 43 Resp: 7255

Ion	Ratio	Lower	Upper
43	100		
58	53.6	29.8	89.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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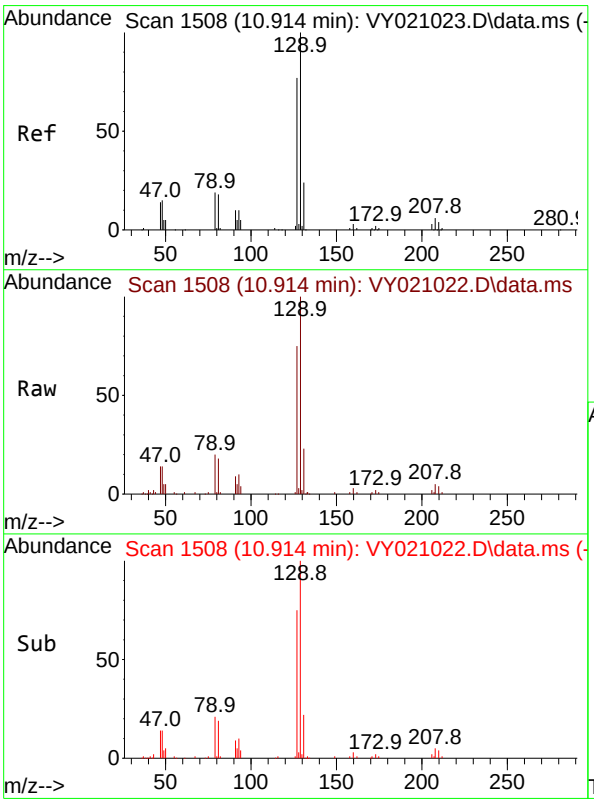
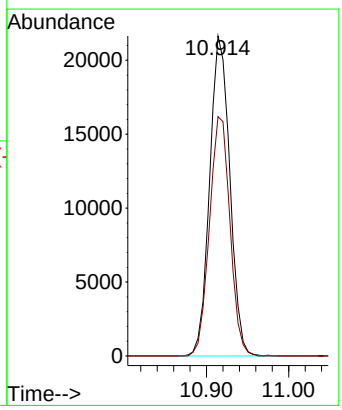
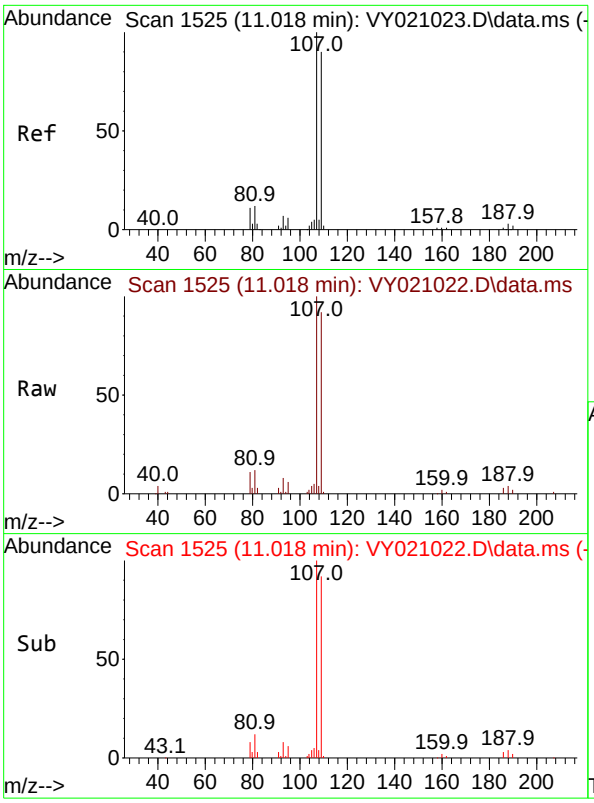


#60
Dibromochloromethane
Concen: 20.754 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:129 Resp: 36853

Ion	Ratio	Lower	Upper
129	100		
127	76.0	38.5	115.3

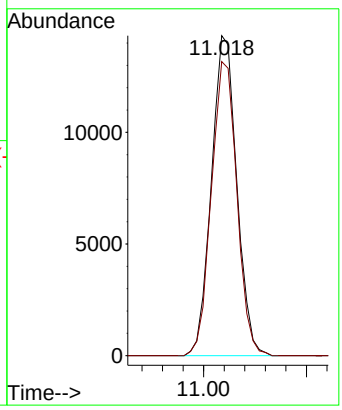




#61
1,2-Dibromoethane
Concen: 20.600 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:107 Resp: 2450

Ion	Ratio	Lower	Upper
107	100		
109	92.5	76.6	114.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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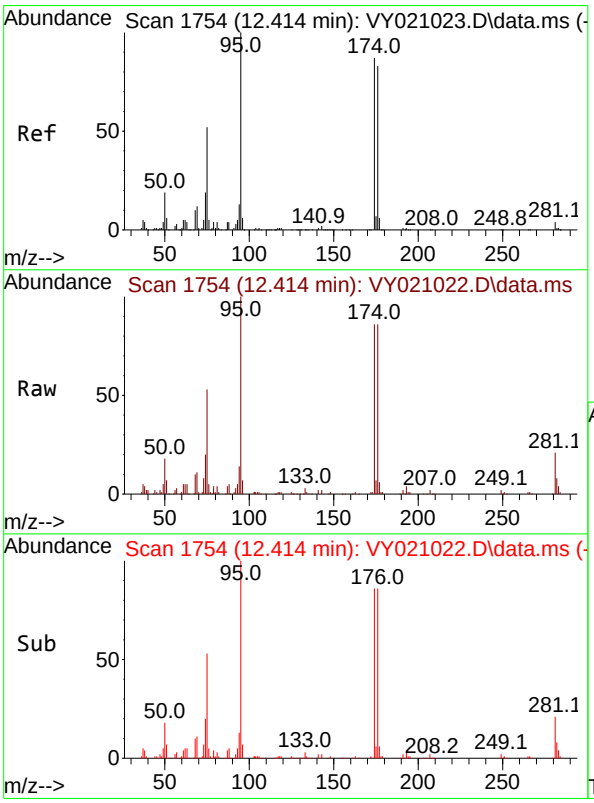
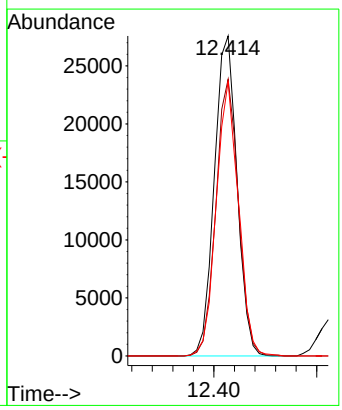
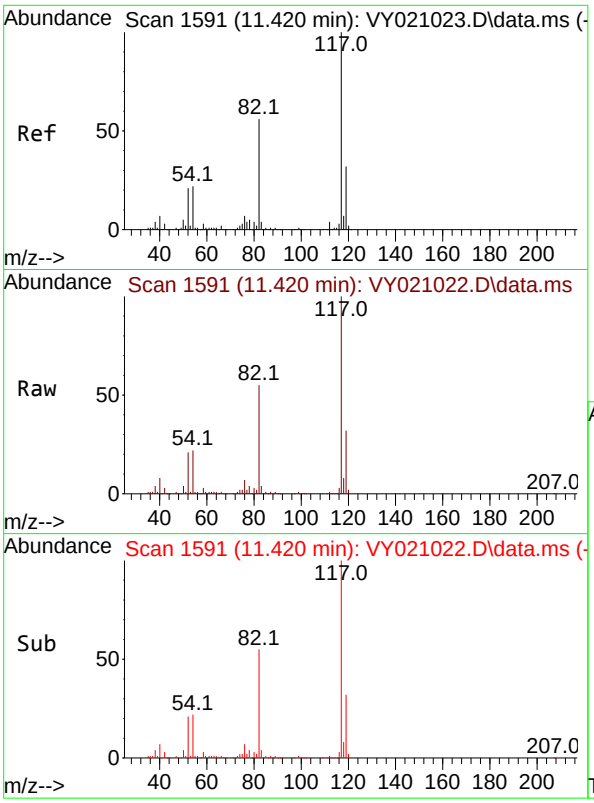


#62
4-Bromofluorobenzene
Concen: 18.831 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 95 Resp: 42182

Ion	Ratio	Lower	Upper
95	100		
174	85.9	0.0	181.2
176	84.1	0.0	175.2

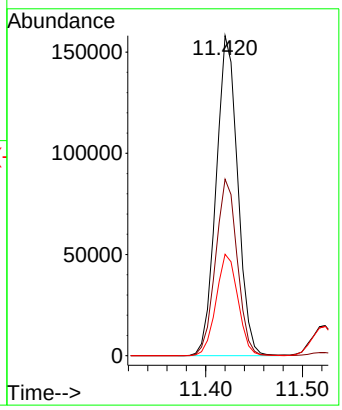




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:117 Resp: 24459

Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.2	66.2
119	31.7	25.9	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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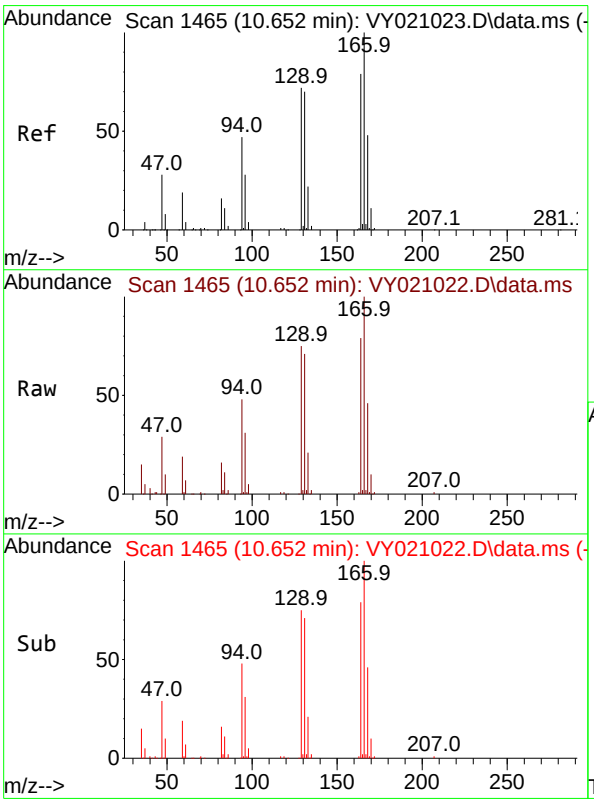
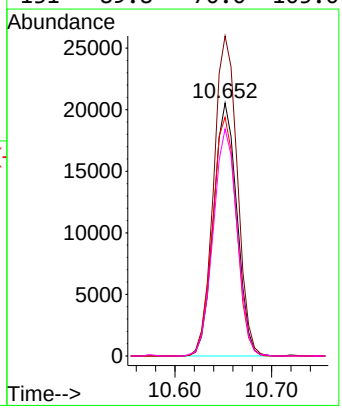
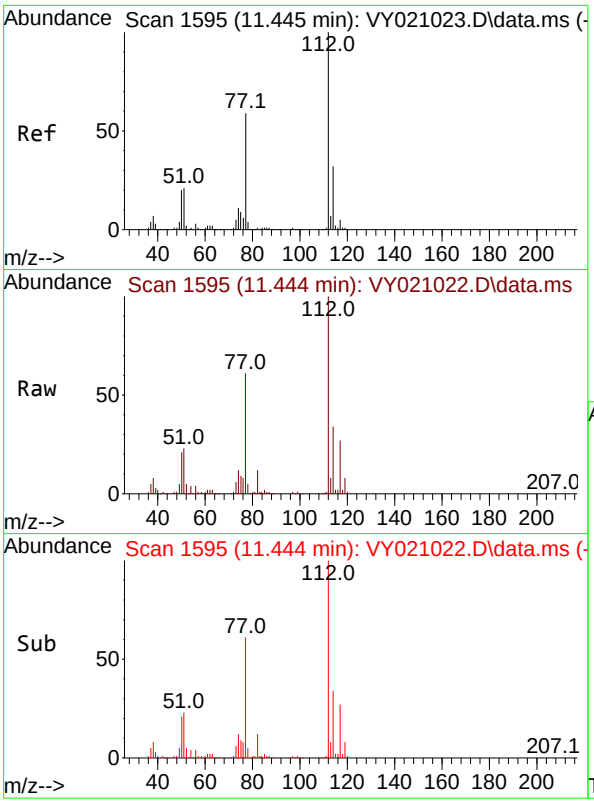


#64
Tetrachloroethene
Concen: 18.655 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:164 Resp: 34418

Ion	Ratio	Lower	Upper
164	100		
166	126.5	100.4	150.6
129	94.4	70.8	106.2
131	89.8	70.0	105.0

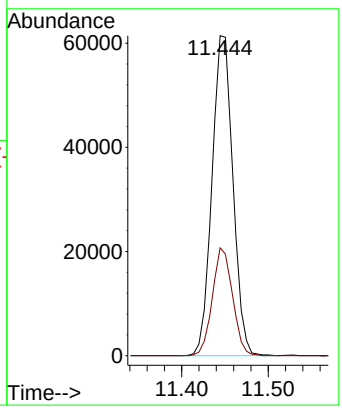




#65
Chlorobenzene
Concen: 20.015 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:112 Resp: 10314

Ion	Ratio	Lower	Upper
112	100		
114	33.7	24.6	37.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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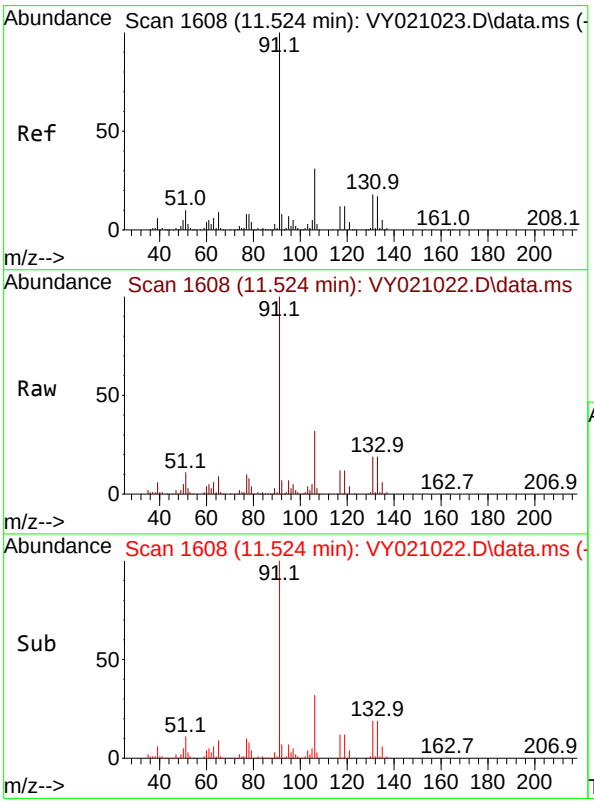
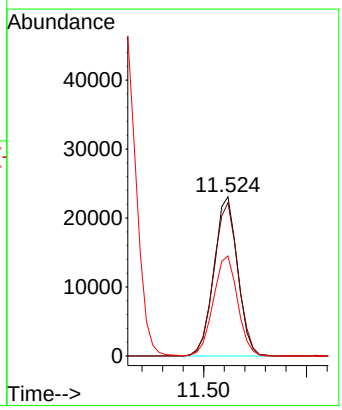
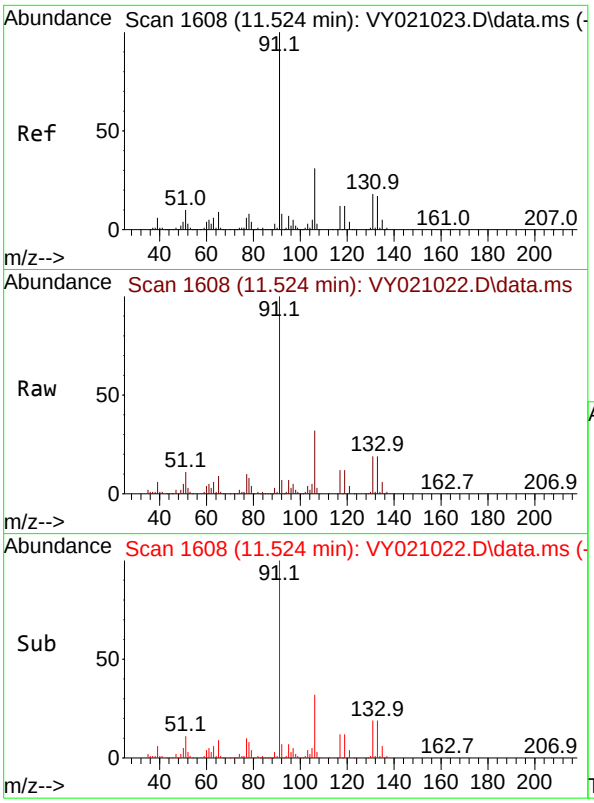


#66
1,1,1,2-Tetrachloroethane
Concen: 20.130 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:131 Resp: 36817

Ion	Ratio	Lower	Upper
131	100		
133	98.5	48.7	146.1
119	64.4	31.4	94.3

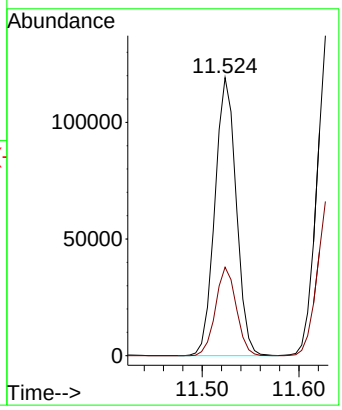




#67
Ethyl Benzene
Concen: 20.446 ug/l
RT: 11.524 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 91 Resp: 18243

Ion	Ratio	Lower	Upper
91	100		
106	31.8	24.9	37.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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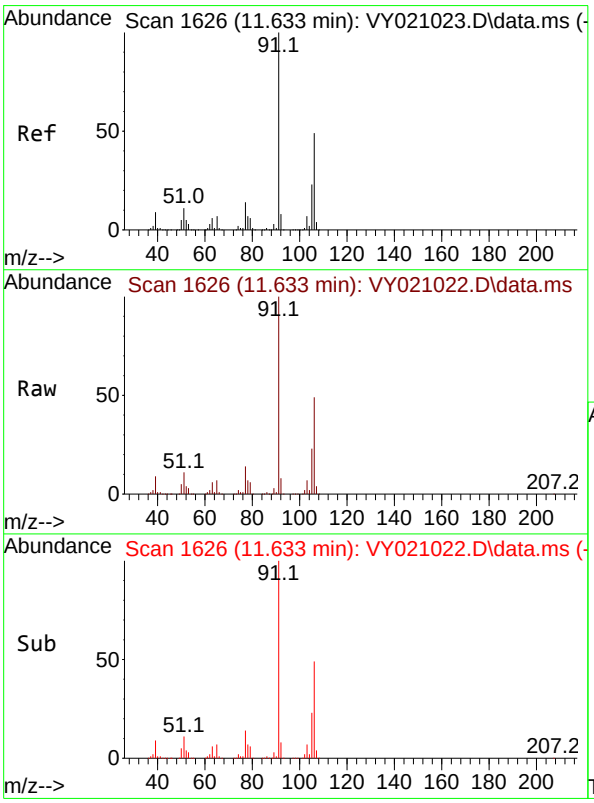
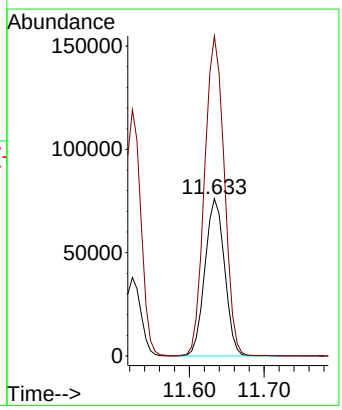
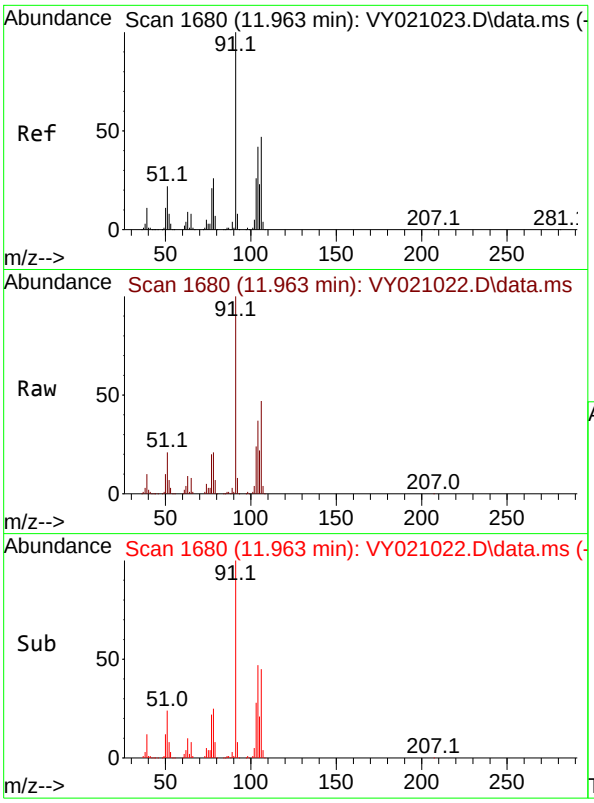


#68
m/p-Xylenes
Concen: 40.497 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:106 Resp: 138826

Ion	Ratio	Lower	Upper
106	100		
91	204.4	160.0	240.0





#69
o-Xylene
Concen: 20.276 ug/l
RT: 11.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:106 Resp: 6461

Ion	Ratio	Lower	Upper
106	100		
91	214.7	105.8	317.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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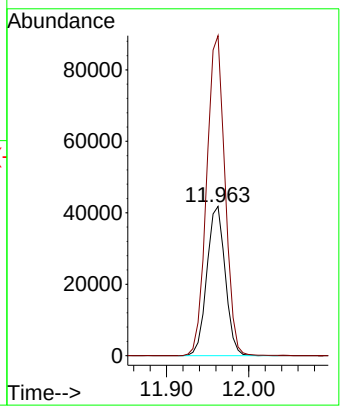
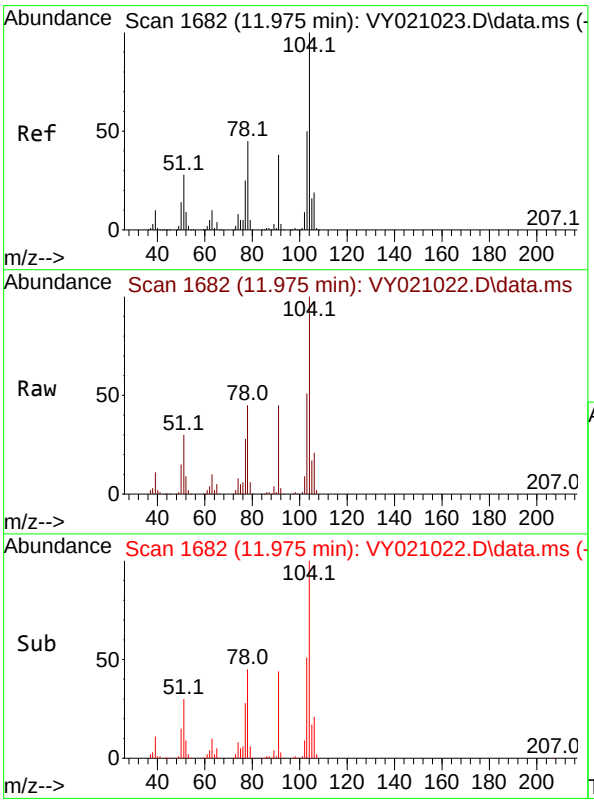
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

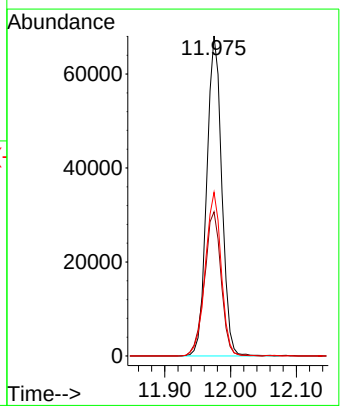


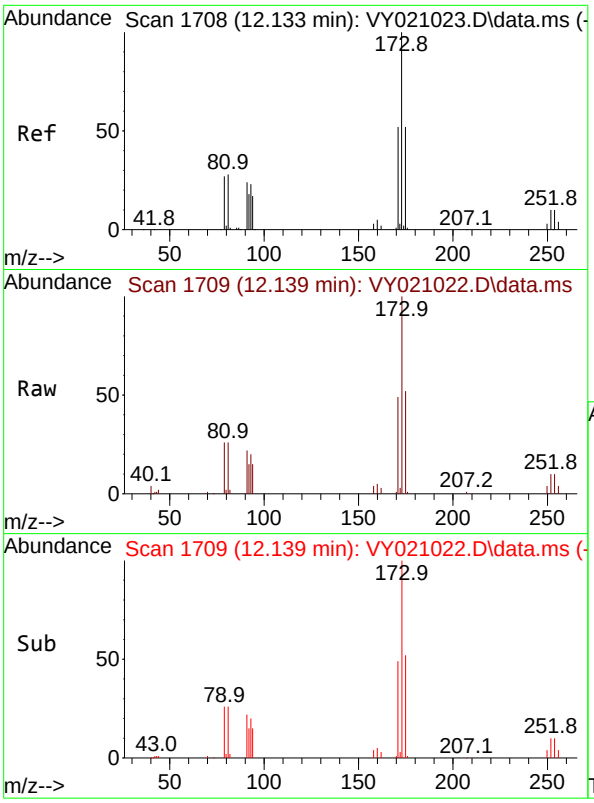


#70
Styrene
Concen: 20.439 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:104 Resp: 108143

Ion	Ratio	Lower	Upper
104	100		
78	49.9	39.0	58.4
103	54.2	43.7	65.5

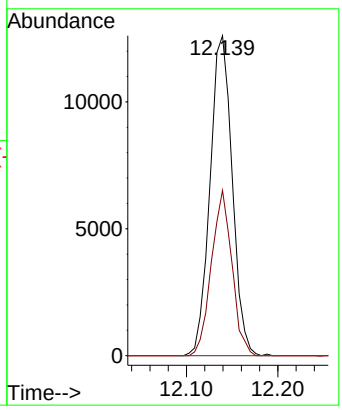




#71
Bromoform
Concen: 19.718 ug/l
RT: 12.139 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:173 Resp: 2125

Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.1	72.2
254	0.0	0.0	0.0



Instrument :
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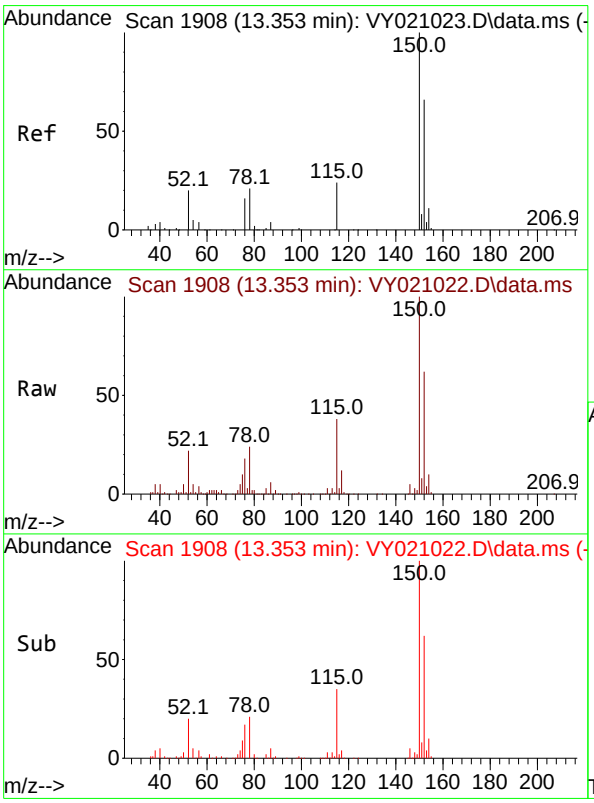
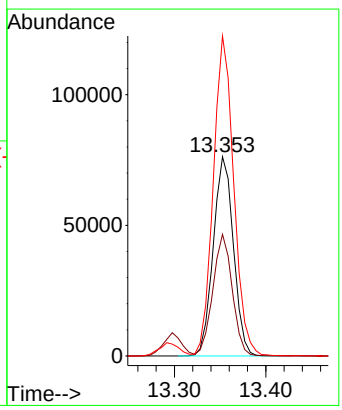
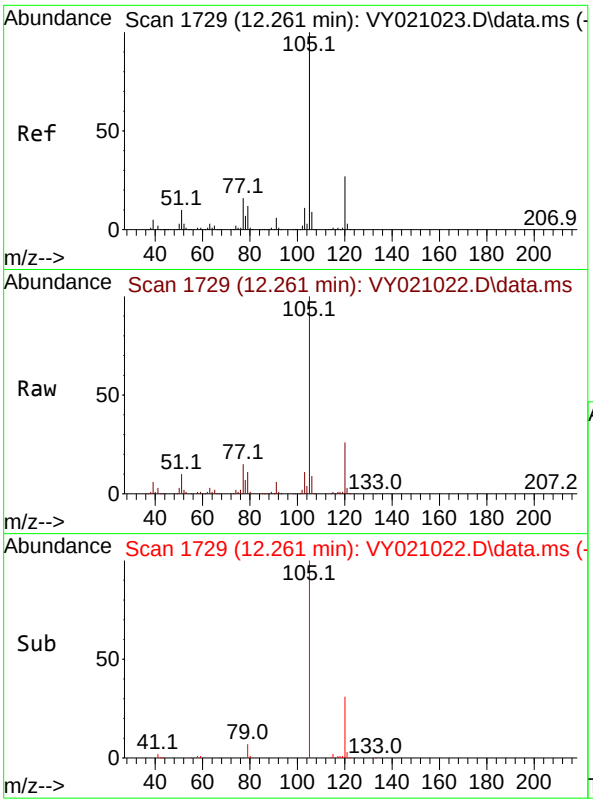


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:152 Resp: 116948

Ion	Ratio	Lower	Upper
152	100		
115	58.7	28.4	85.2
150	162.9	0.0	342.8

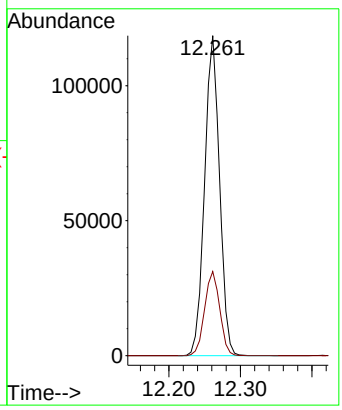




#73
Isopropylbenzene
Concen: 20.921 ug/l
RT: 12.261 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:105 Resp: 17183

Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.4	40.2



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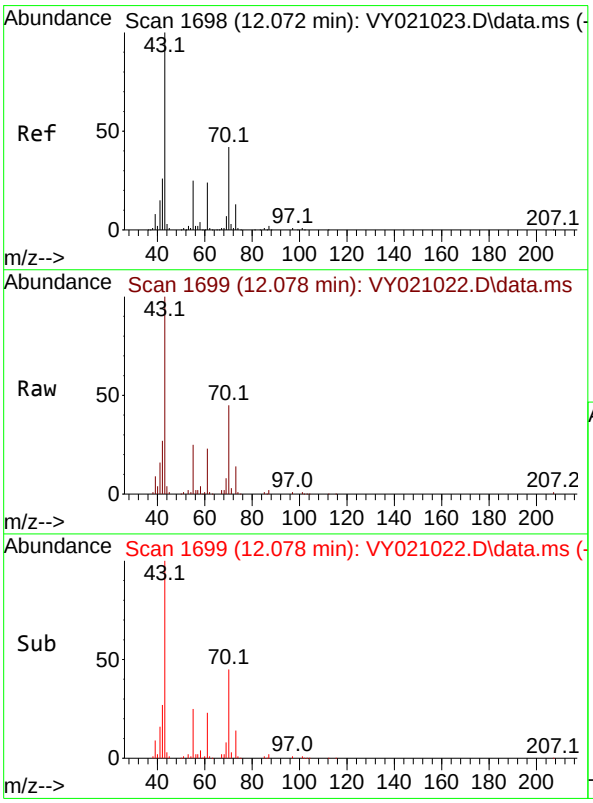
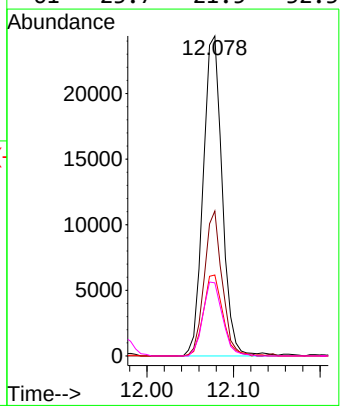
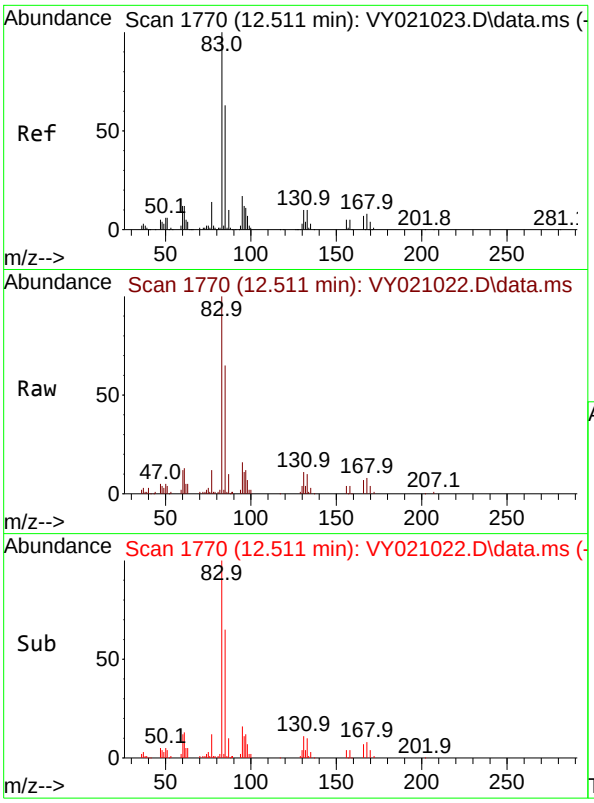


#74
N-amyl acetate
Concen: 24.896 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 43 Resp: 37235

Ion	Ratio	Lower	Upper
43	100		
70	42.5	39.3	58.9
55	26.1	22.3	33.5
61	23.7	21.5	32.3

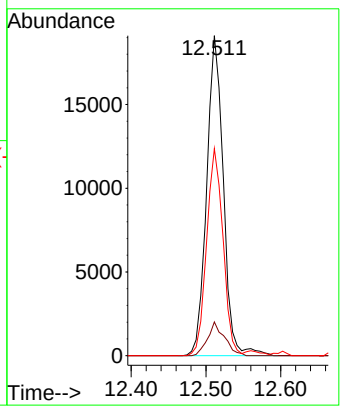




#75
1,1,2,2-Tetrachloroethane
Concen: 22.410 ug/l
RT: 12.511 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 83 Resp: 2971

Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.7	17.1
85	63.4	31.9	95.9



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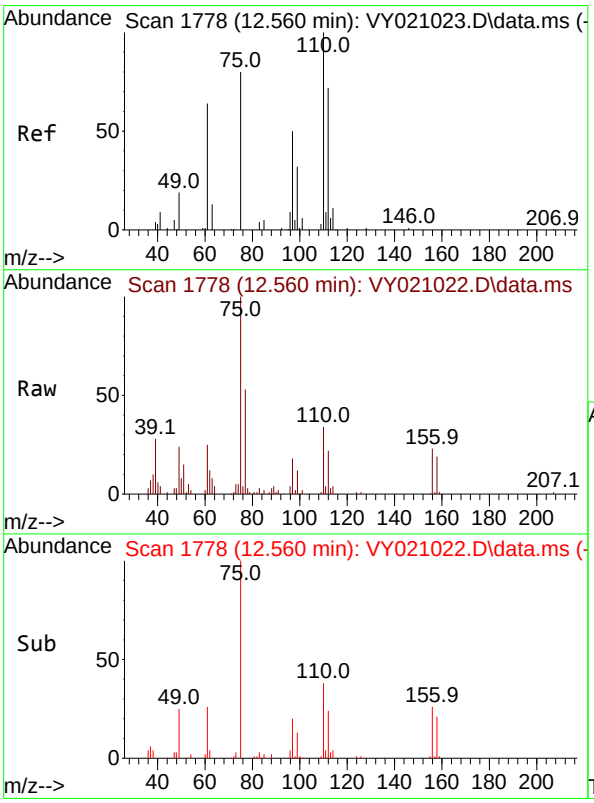
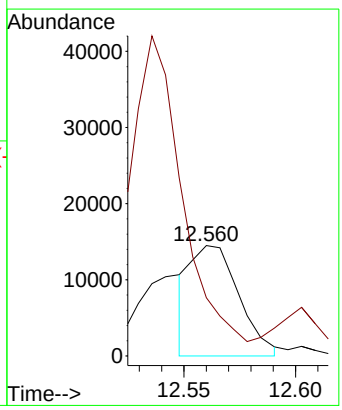
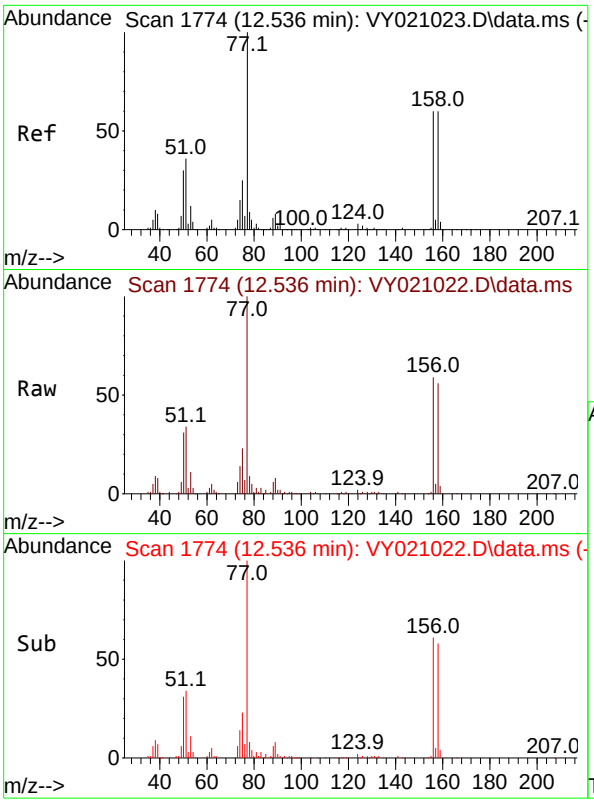


#76
1,2,3-Trichloropropane
Concen: 23.712 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 75 Resp: 21952

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

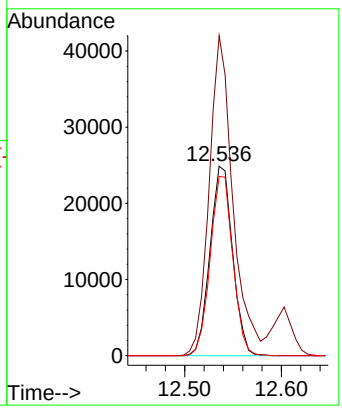




#77
Bromobenzene
Concen: 20.793 ug/l
RT: 12.536 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:156 Resp: 4049

Ion	Ratio	Lower	Upper
156	100		
77	176.3	83.3	249.9
158	94.6	48.3	144.9



Instrument :
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ClientSampleId :
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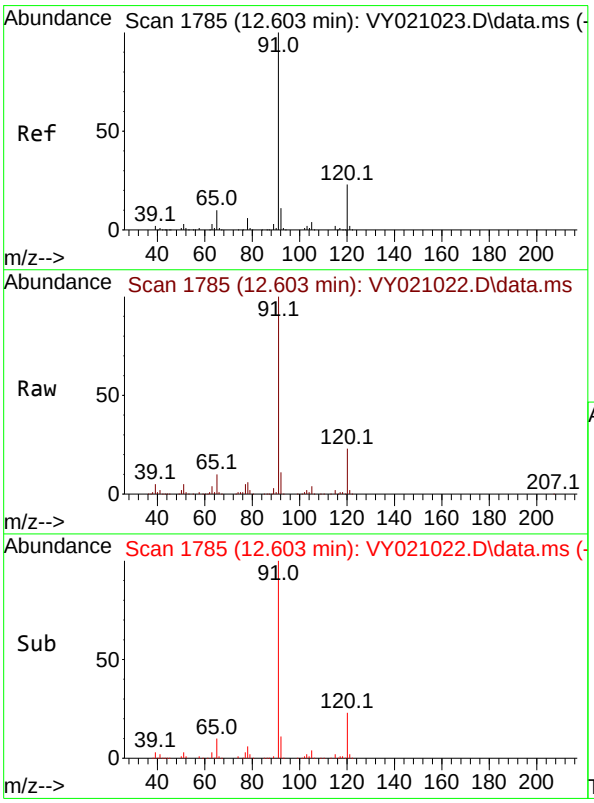
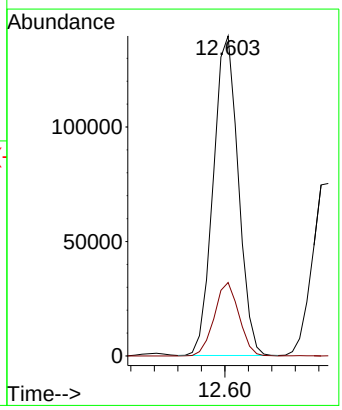
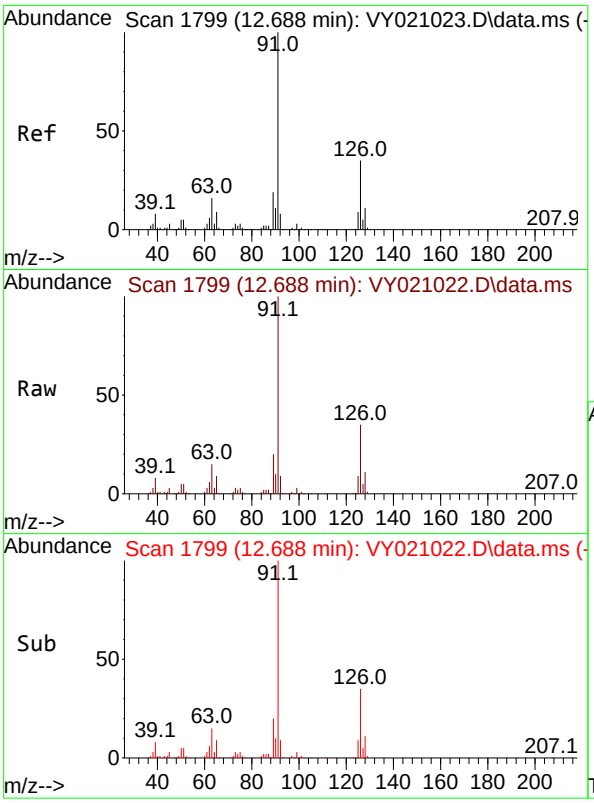


#78
n-propylbenzene
Concen: 21.429 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 91 Resp: 206279

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.8	35.4

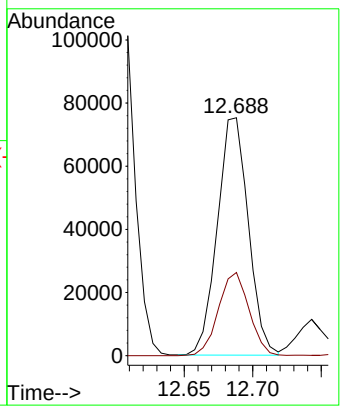




#79
2-Chlorotoluene
Concen: 21.638 ug/l
RT: 12.688 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 91 Resp: 11867

Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.3	51.9



Instrument :
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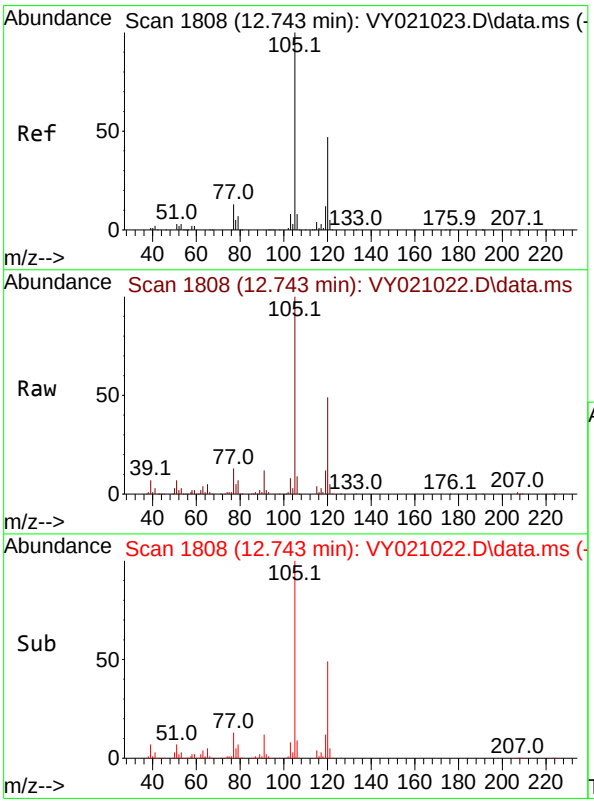
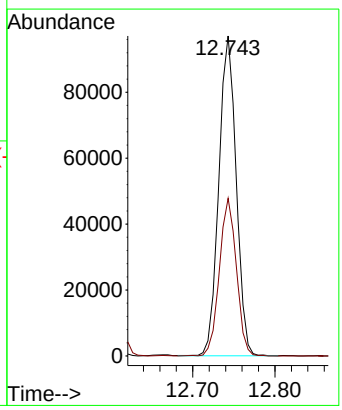
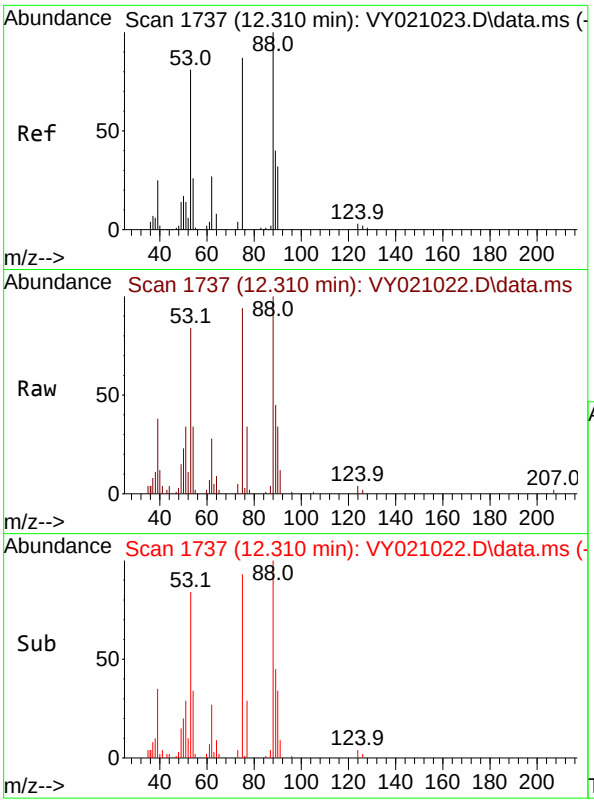


#80
1,3,5-Trimethylbenzene
Concen: 21.150 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:105 Resp: 142319

Ion	Ratio	Lower	Upper
105	100		
120	48.4	24.3	72.9

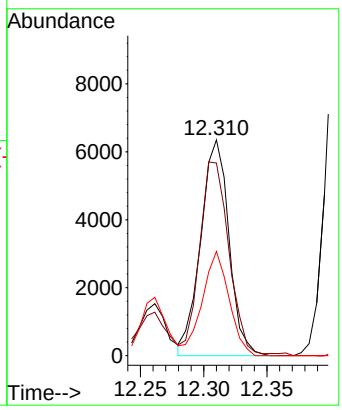




#81
trans-1,4-Dichloro-2-butene
Concen: 22.135 ug/l
RT: 12.310 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 75 Resp: 987

Ion	Ratio	Lower	Upper
75	100		
53	94.1	68.6	103.0
89	46.0	38.1	57.1



Instrument :
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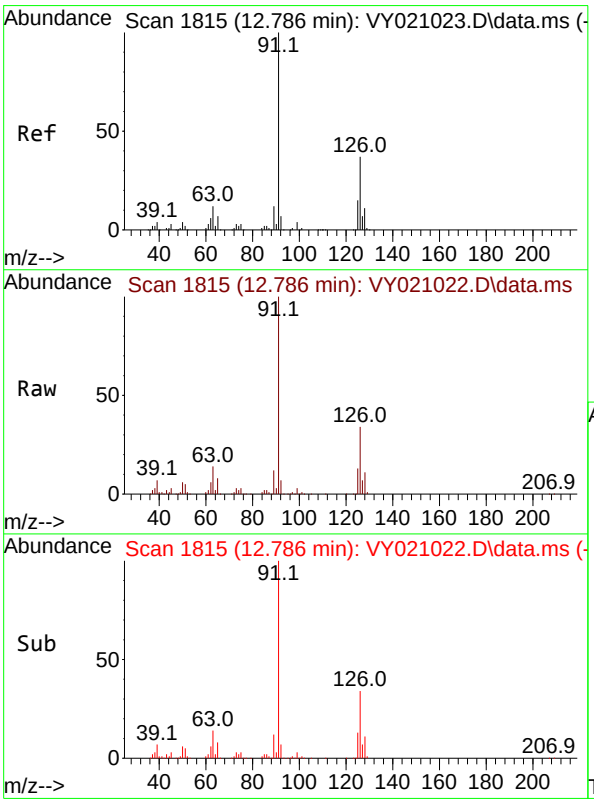
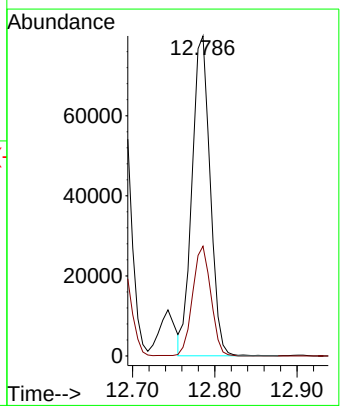
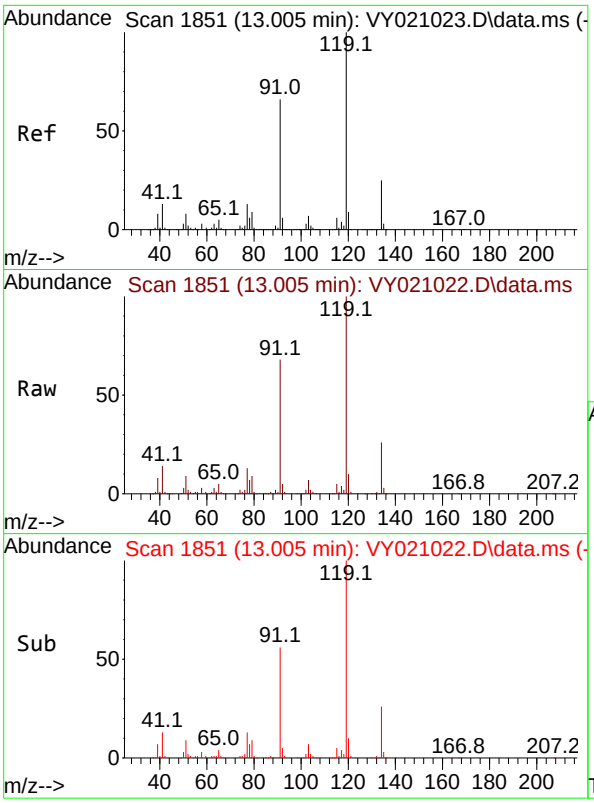


#82
4-Chlorotoluene
Concen: 21.712 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 91 Resp: 121872

Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.3	52.0

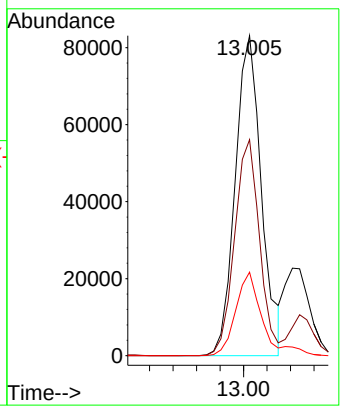




#83
tert-Butylbenzene
Concen: 20.651 ug/l
RT: 13.005 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:119 Resp: 12888

Ion	Ratio	Lower	Upper
119	100		
91	64.4	31.4	94.0
134	26.5	13.1	39.1



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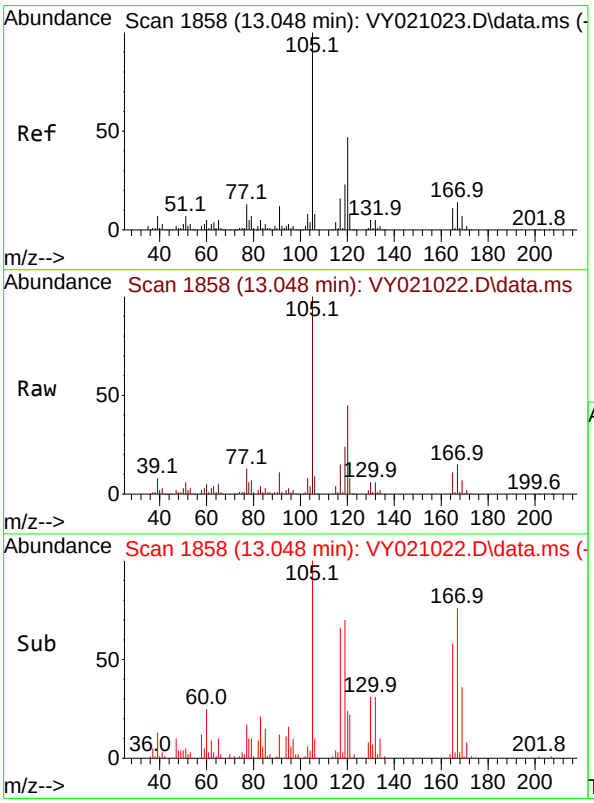
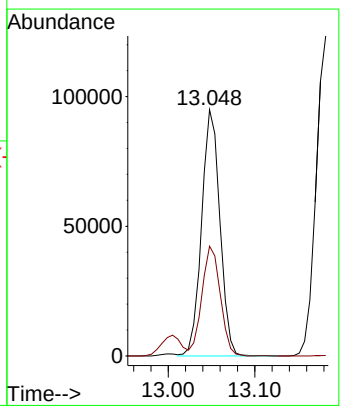
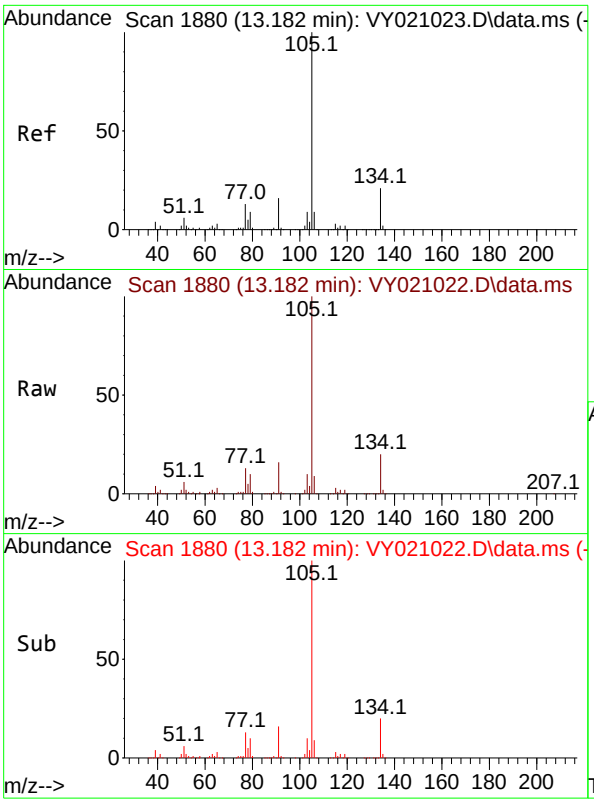


#84
1,2,4-Trimethylbenzene
Concen: 21.214 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:105 Resp: 139446

Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.7	68.0

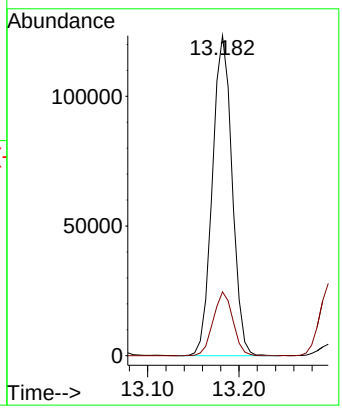




#85
sec-Butylbenzene
Concen: 20.943 ug/l
RT: 13.182 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:105 Resp: 18504

Ion	Ratio	Lower	Upper
105	100		
134	19.9	10.3	30.8



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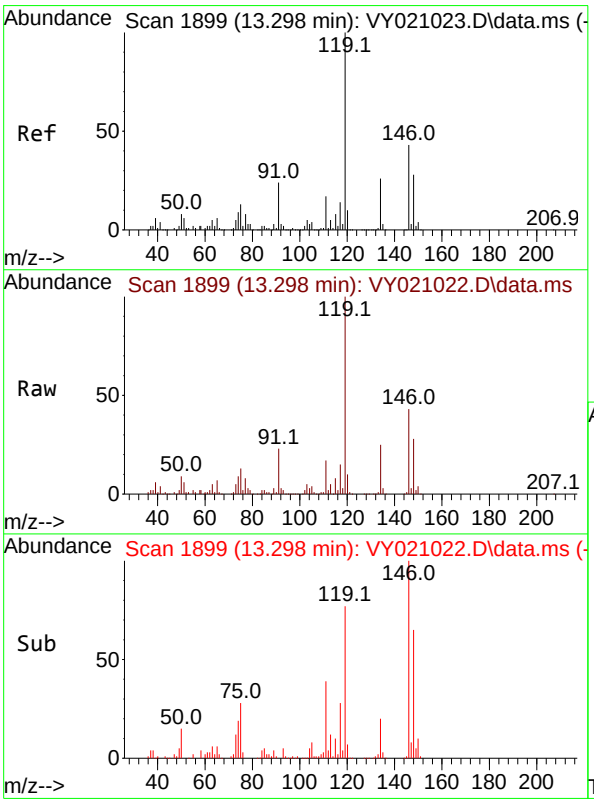
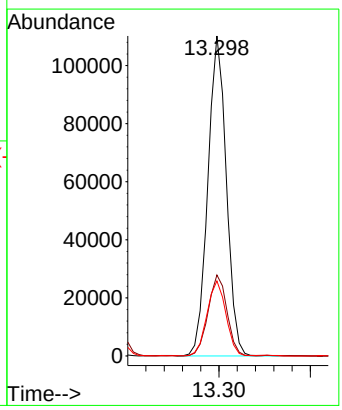
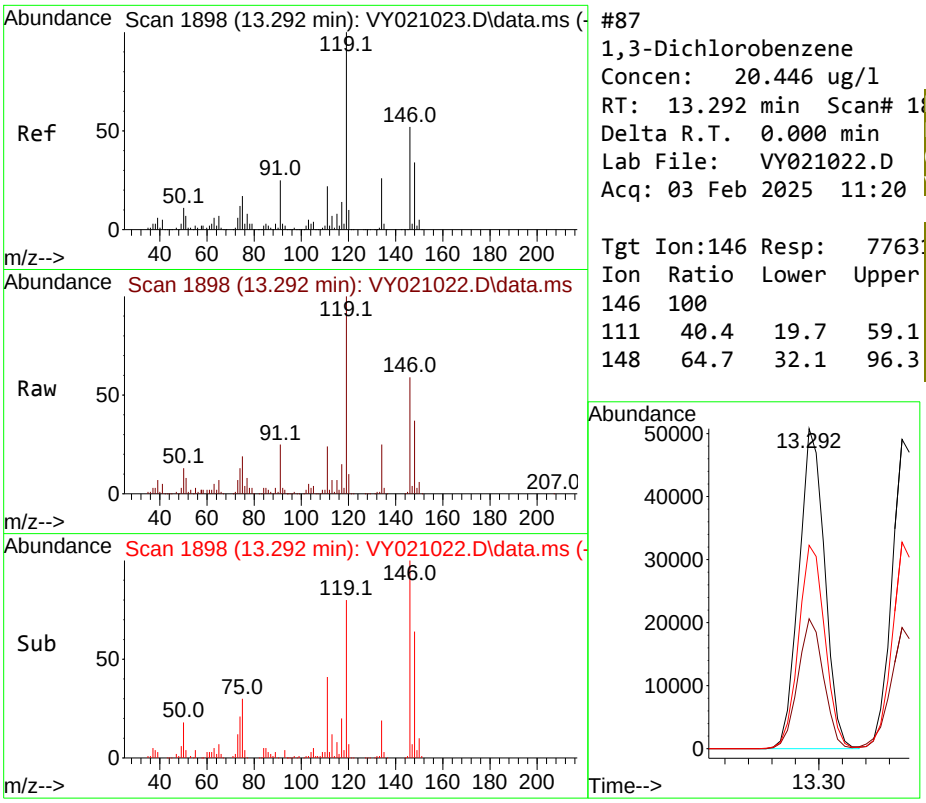


#86
p-Isopropyltoluene
Concen: 20.815 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:119 Resp: 154555

Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.1	39.3
91	23.8	11.5	34.5





#87
1,3-Dichlorobenzene
Concen: 20.446 ug/l
RT: 13.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:146 Resp: 7763

Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.7	59.1
148	64.7	32.1	96.3

Instrument :
MSVOA_Y
ClientSampleId :
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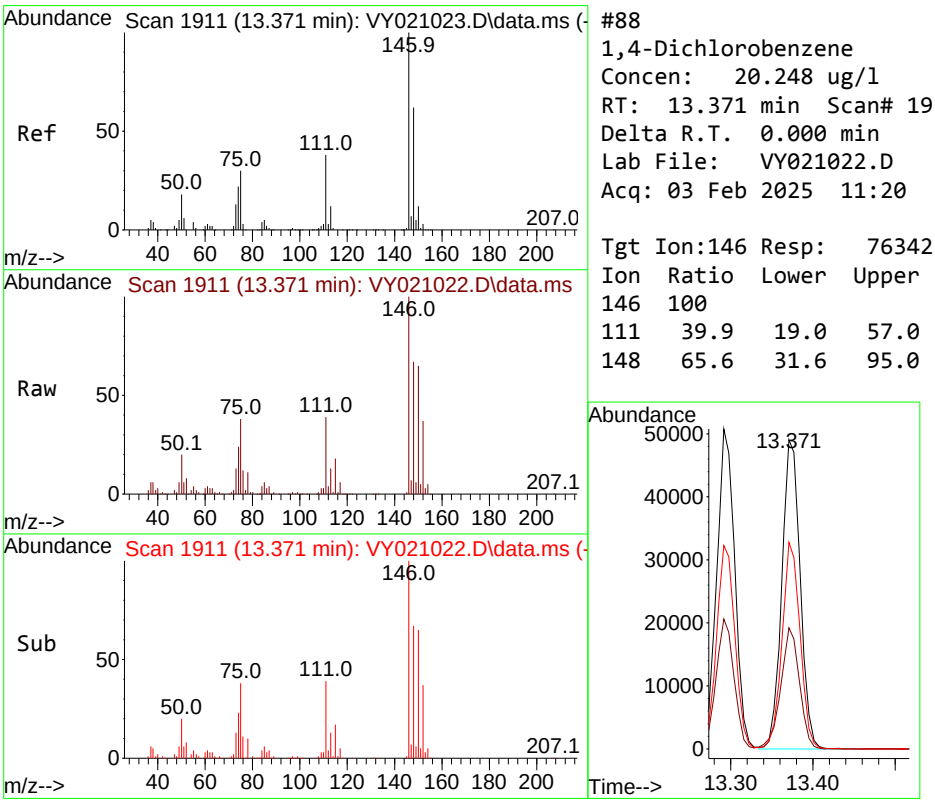
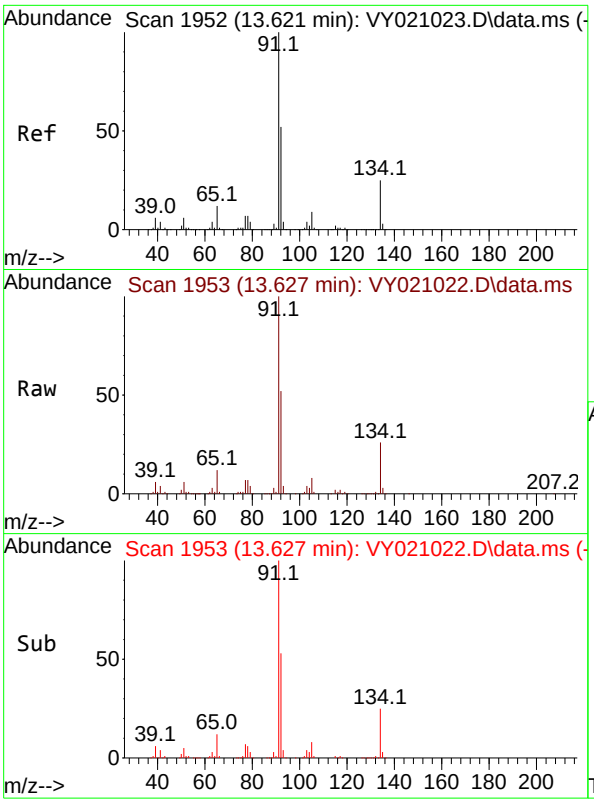


#88
1,4-Dichlorobenzene
Concen: 20.248 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:146 Resp: 76342

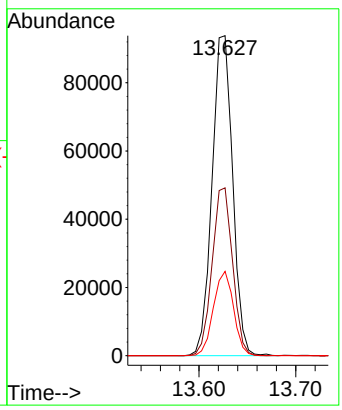
Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.0	57.0
148	65.6	31.6	95.0



#89
n-Butylbenzene
Concen: 20.829 ug/l
RT: 13.627 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 91 Resp: 13853

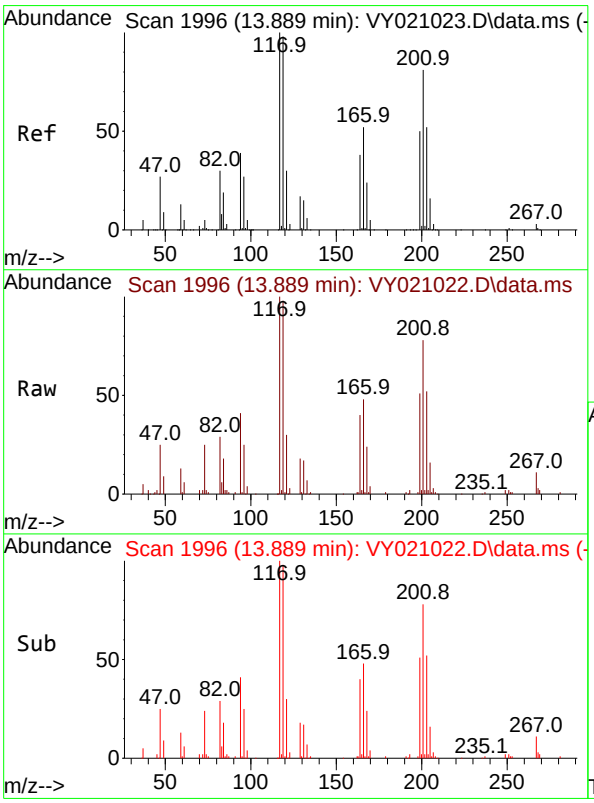
Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.7	80.1
134	25.8	13.7	41.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

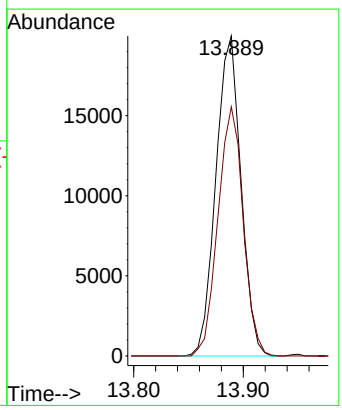
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

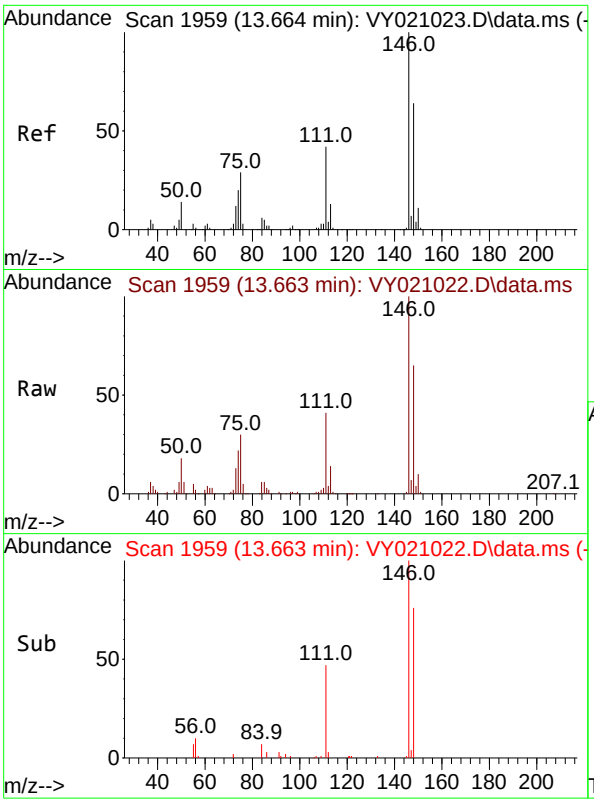


#90
Hexachloroethane
Concen: 21.166 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:117 Resp: 31796

Ion	Ratio	Lower	Upper
117	100		
201	78.2	42.5	127.5

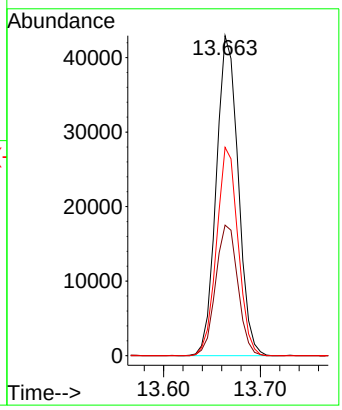




#91
1,2-Dichlorobenzene
Concen: 20.344 ug/l
RT: 13.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:146 Resp: 6736

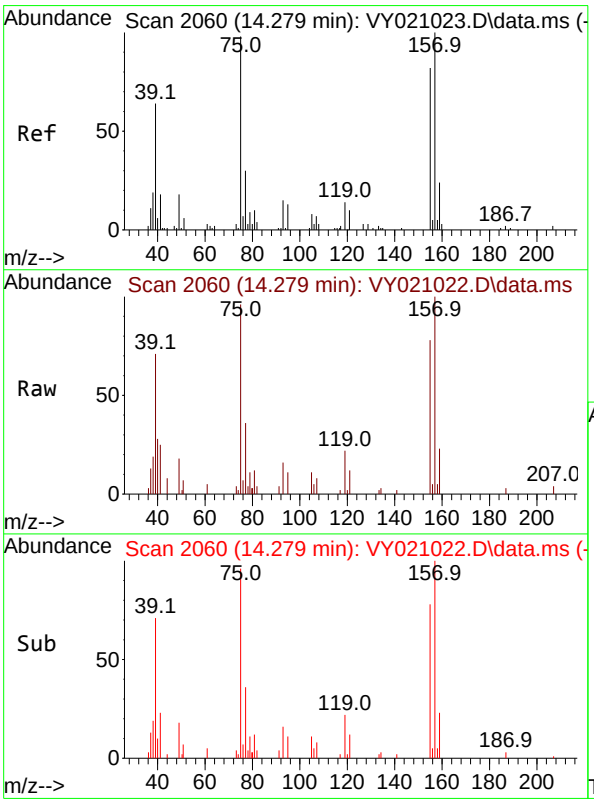
Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.3	60.8
148	64.0	32.2	96.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

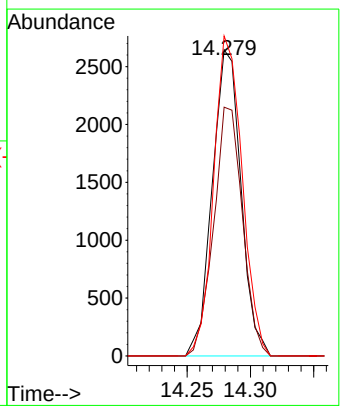
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

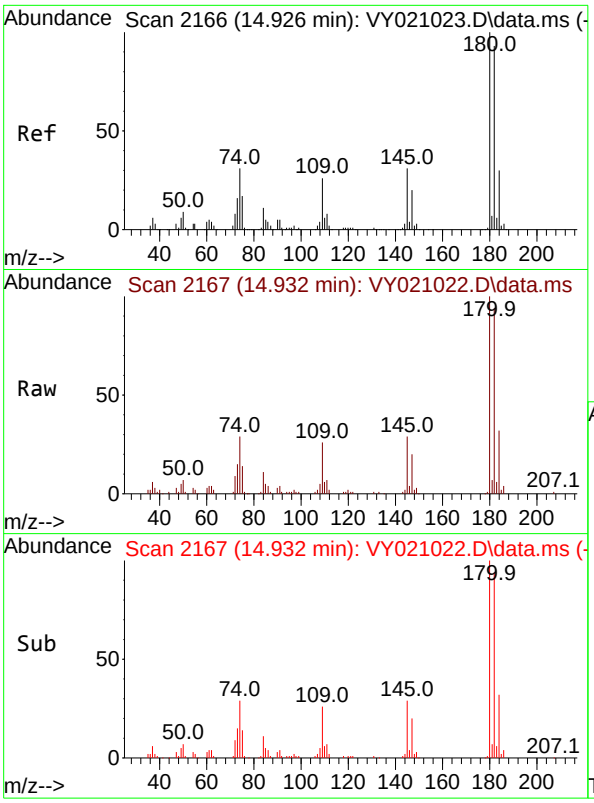


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.380 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 75 Resp: 4160

Ion	Ratio	Lower	Upper
75	100		
155	81.6	45.9	137.6
157	103.8	59.3	177.9

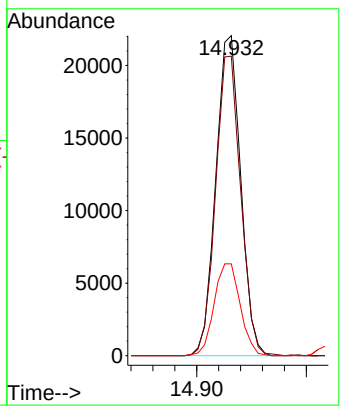




#93
1,2,4-Trichlorobenzene
Concen: 17.150 ug/l
RT: 14.932 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:180 Resp: 3477

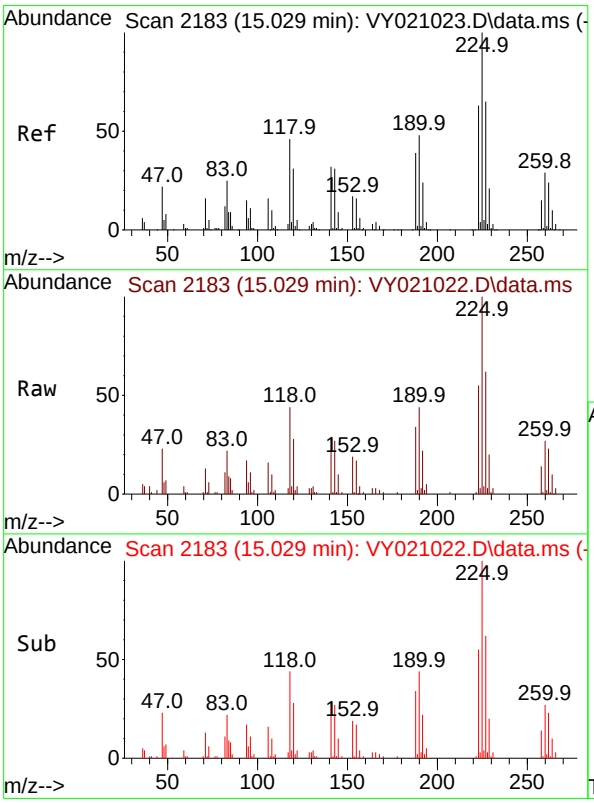
Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.3	144.8
145	30.1	15.3	45.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

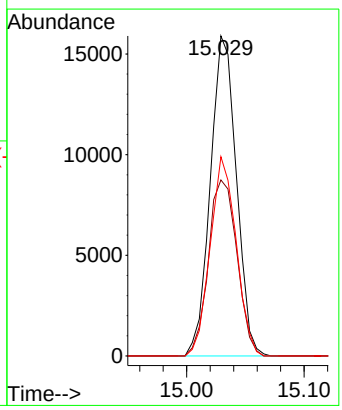
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

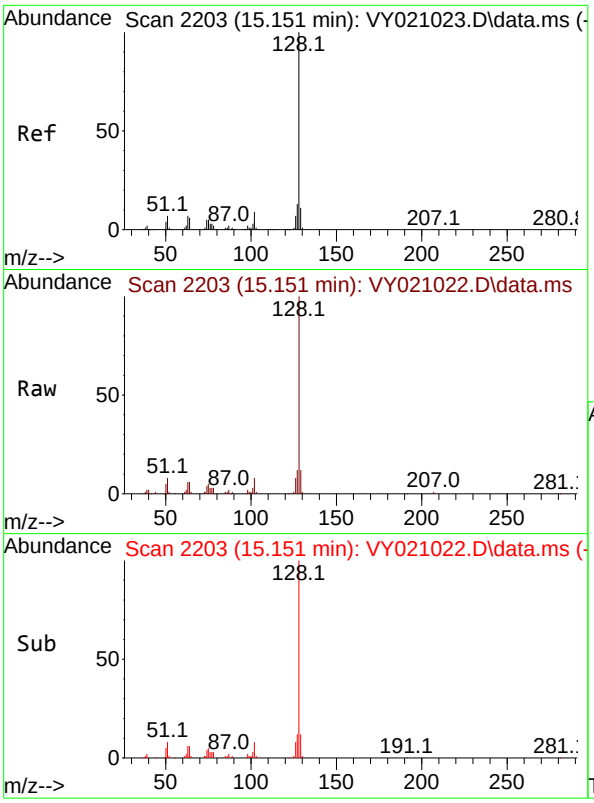


#94
Hexachlorobutadiene
Concen: 17.435 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:225 Resp: 24481

Ion	Ratio	Lower	Upper
225	100		
223	60.2	31.4	94.2
227	62.1	31.8	95.3

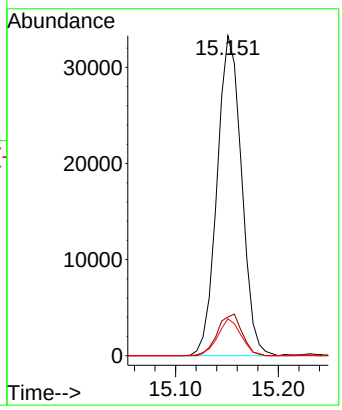




#95
Naphthalene
Concen: 16.886 ug/l
RT: 15.151 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:128 Resp: 5502

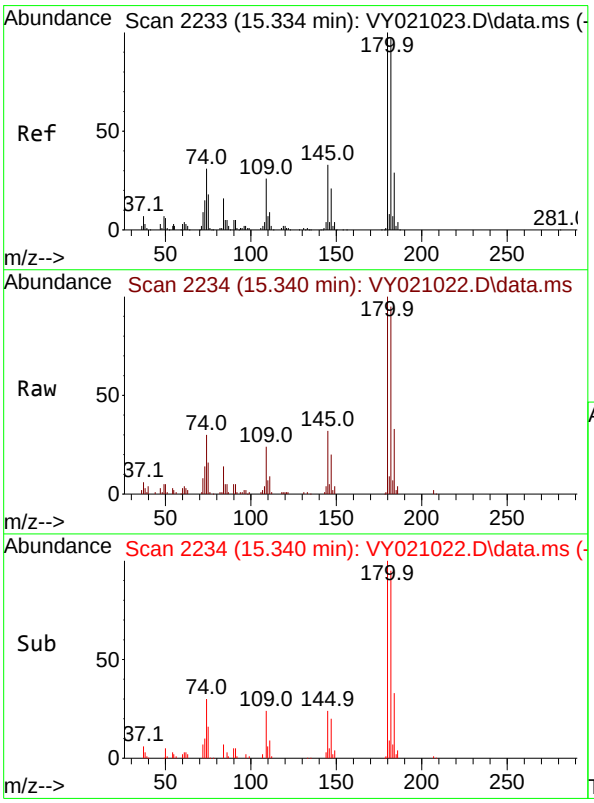
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.1	8.8	13.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

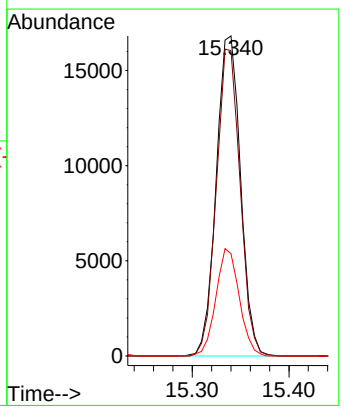
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.090 ug/l
RT: 15.340 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:180 Resp: 29301

Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.7	143.1
145	32.3	15.6	46.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021023.D
Acq On : 03 Feb 2025 11:43
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

Quant Time: Feb 03 12:39:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	185055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	285755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	250150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	121069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	93084	59.079	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.160%			
35) Dibromofluoromethane	7.640	113	89515	52.107	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.220%			
50) Toluene-d8	10.109	98	343592	51.243	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.480%			
62) 4-Bromofluorobenzene	12.414	95	115197	51.200	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 102.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	82341	52.329	ug/l	100
3) Chloromethane	2.074	50	77828	77.798	ug/l	98
4) Vinyl Chloride	2.208	62	78456	76.063	ug/l	100
5) Bromomethane	2.605	94	47661	68.257	ug/l	99
6) Chloroethane	2.739	64	47159	78.268	ug/l	99
7) Trichlorofluoromethane	3.068	101	146090	58.690	ug/l	98
8) Diethyl Ether	3.464	74	44796	60.281	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.824	101	91456	54.564	ug/l	95
10) Methyl Iodide	4.013	142	108576	56.607	ug/l	99
11) Tert butyl alcohol	4.872	59	29518	256.470	ug/l	100
12) 1,1-Dichloroethene	3.800	96	86860	55.452	ug/l	92
13) Acrolein	3.659	56	48444	365.513	ug/l	98
14) Allyl chloride	4.391	41	148096	68.676	ug/l	93
15) Acrylonitrile	5.061	53	98437	322.040	ug/l	99
16) Acetone	3.879	43	71701	333.889	ug/l	93
17) Carbon Disulfide	4.117	76	272934	56.574	ug/l	99
18) Methyl Acetate	4.397	43	53193	70.789	ug/l	92
19) Methyl tert-butyl Ether	5.116	73	225045	61.726	ug/l	99
20) Methylene Chloride	4.623	84	89716	56.645	ug/l	93
21) trans-1,2-Dichloroethene	5.122	96	96653	57.552	ug/l	92
22) Diisopropyl ether	6.025	45	308181	70.111	ug/l	96
23) Vinyl Acetate	5.970	43	876749	360.173	ug/l	96
24) 1,1-Dichloroethane	5.921	63	175291	61.815	ug/l	100
25) 2-Butanone	6.903	43	124949	342.981	ug/l	94
26) 2,2-Dichloropropane	6.890	77	160962	57.651	ug/l	99
27) cis-1,2-Dichloroethene	6.897	96	110873	57.437	ug/l	94
28) Bromochloromethane	7.250	49	76460	72.370	ug/l	84
29) Tetrahydrofuran	7.262	42	84863	346.176	ug/l	91
30) Chloroform	7.427	83	181725	59.167	ug/l	96
31) Cyclohexane	7.707	56	153013	55.203	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	168751	56.771	ug/l	97
36) 1,1-Dichloropropene	7.841	75	132425	54.034	ug/l	98
37) Ethyl Acetate	6.988	43	60168	65.852	ug/l	95
38) Carbon Tetrachloride	7.823	117	156282	51.530	ug/l	99
39) Methylcyclohexane	9.116	83	168118	51.064	ug/l	95
40) Benzene	8.085	78	393690	54.594	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021023.D
Acq On : 03 Feb 2025 11:43
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 03 12:39:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	31701	62.707	ug/l		93
42) 1,2-Dichloroethane	8.165	62	108251	59.191	ug/l		99
43) Isopropyl Acetate	8.201	43	120630	66.087	ug/l		96
44) Trichloroethene	8.872	130	99733	50.121	ug/l		99
45) 1,2-Dichloropropane	9.146	63	93348	57.754	ug/l		99
46) Dibromomethane	9.238	93	51734	55.001	ug/l		95
47) Bromodichloromethane	9.427	83	137852	55.807	ug/l		97
48) Methyl methacrylate	9.225	41	54848	63.113	ug/l		91
49) 1,4-Dioxane	9.231	88	10030	1003.514	ug/l	#	91
51) 4-Methyl-2-Pentanone	10.000	43	308616	329.038	ug/l		95
52) Toluene	10.176	92	250280	53.469	ug/l		97
53) t-1,3-Dichloropropene	10.396	75	128314	57.403	ug/l		100
54) cis-1,3-Dichloropropene	9.859	75	149965	56.133	ug/l	#	91
55) 1,1,2-Trichloroethane	10.579	97	67249	53.761	ug/l		99
56) Ethyl methacrylate	10.445	69	96579	59.067	ug/l	#	88
57) 1,3-Dichloropropane	10.725	76	117634	55.483	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.713	63	224134	322.966	ug/l		95
59) 2-Hexanone	10.768	43	205217	336.612	ug/l		92
60) Dibromochloromethane	10.914	129	93957	52.680	ug/l		100
61) 1,2-Dibromoethane	11.018	107	64333	53.845	ug/l		98
64) Tetrachloroethene	10.652	164	90228	47.817	ug/l		98
65) Chlorobenzene	11.445	112	270176	51.263	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.524	131	95653	51.137	ug/l		97
67) Ethyl Benzene	11.524	91	486059	53.265	ug/l		100
68) m/p-Xylenes	11.633	106	366509	104.538	ug/l		98
69) o-Xylene	11.963	106	170229	52.229	ug/l		96
70) Styrene	11.975	104	289102	53.426	ug/l		98
71) Bromoform	12.133	173	54130	49.101	ug/l	#	98
73) Isopropylbenzene	12.261	105	461198	54.240	ug/l		99
74) N-amyl acetate	12.072	43	107371	69.346	ug/l		92
75) 1,1,2,2-Tetrachloroethane	12.511	83	76500	55.736	ug/l		99
76) 1,2,3-Trichloropropane	12.560	75	55904m	58.330	ug/l		
77) Bromobenzene	12.536	156	104605	51.889	ug/l		93
78) n-propylbenzene	12.603	91	554600	55.653	ug/l		98
79) 2-Chlorotoluene	12.688	91	312917	55.113	ug/l		99
80) 1,3,5-Trimethylbenzene	12.743	105	376397	54.032	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.310	75	26957	58.386	ug/l		91
82) 4-Chlorotoluene	12.786	91	316855	54.527	ug/l		100
83) tert-Butylbenzene	13.005	119	347315	53.757	ug/l		99
84) 1,2,4-Trimethylbenzene	13.048	105	370408	54.433	ug/l		100
85) sec-Butylbenzene	13.182	105	488820	53.440	ug/l		100
86) p-Isopropyltoluene	13.298	119	414156	53.878	ug/l		99
87) 1,3-Dichlorobenzene	13.292	146	203767	51.839	ug/l		99
88) 1,4-Dichlorobenzene	13.371	146	201529	51.631	ug/l		100
89) n-Butylbenzene	13.621	91	381707	55.439	ug/l		99
90) Hexachloroethane	13.889	117	84237	54.167	ug/l		94
91) 1,2-Dichlorobenzene	13.664	146	176718	51.554	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	11716	55.445	ug/l		93
93) 1,2,4-Trichlorobenzene	14.926	180	105932	50.473	ug/l		99
94) Hexachlorobutadiene	15.029	225	67092	46.155	ug/l		99
95) Naphthalene	15.151	128	180166	53.412	ug/l		99
96) 1,2,3-Trichlorobenzene	15.334	180	88730	49.991	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021023.D
Acq On : 03 Feb 2025 11:43
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

Quant Time: Feb 03 12:39:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

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

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

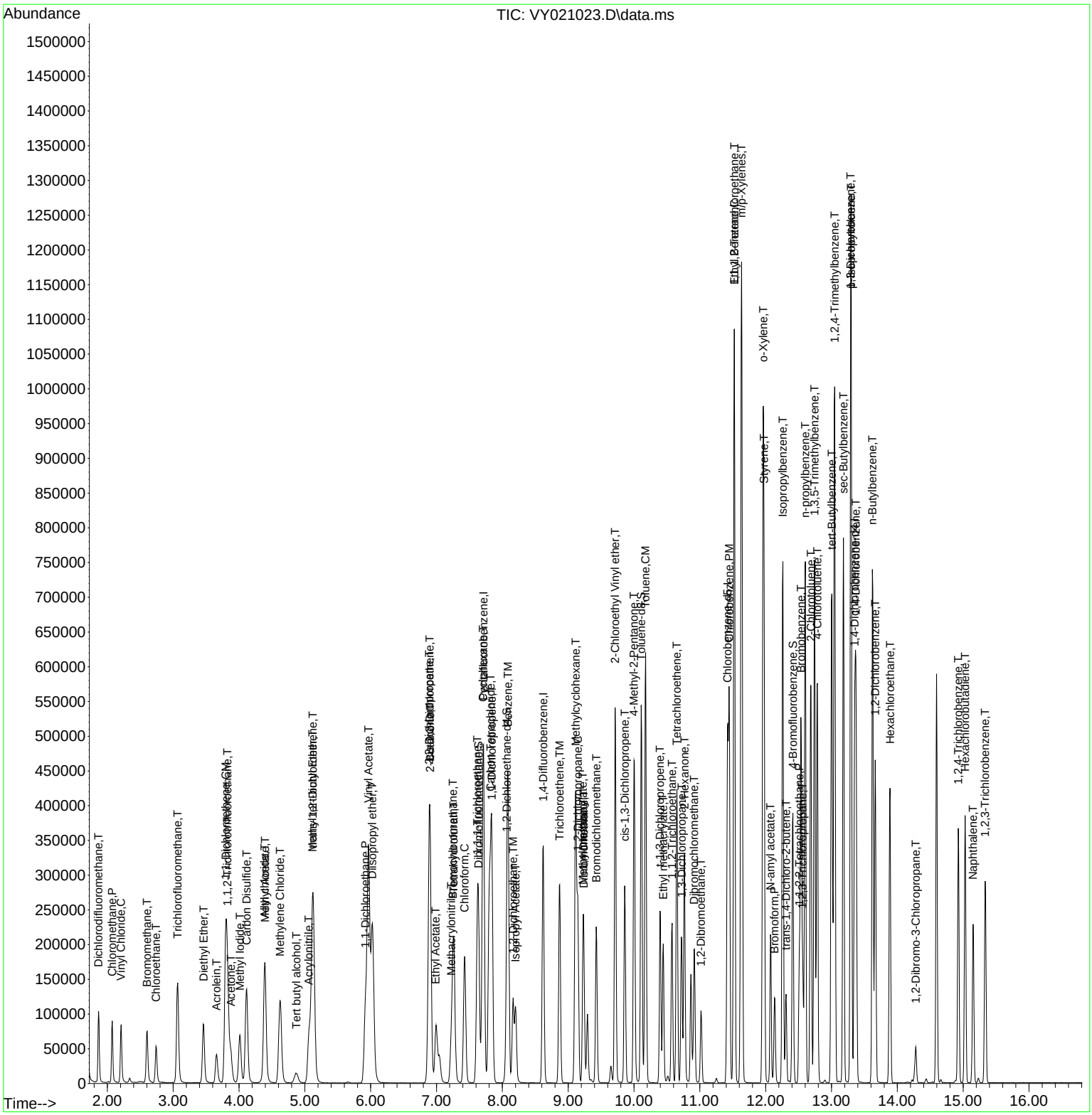
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021023.D
Acq On : 03 Feb 2025 11:43
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

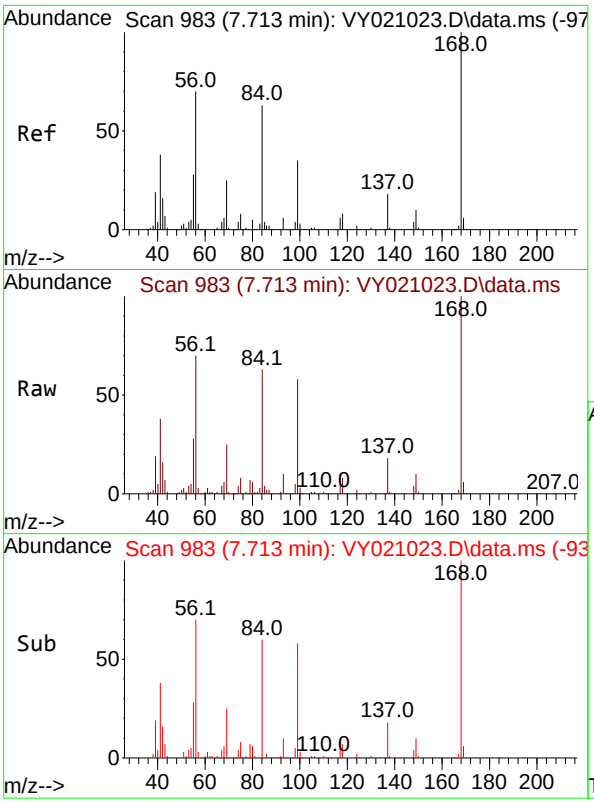
Quant Time: Feb 03 12:39:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

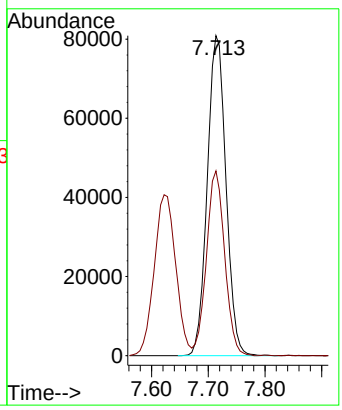




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:168 Resp: 18505

Ion	Ratio	Lower	Upper
168	100		
99	57.7	42.2	63.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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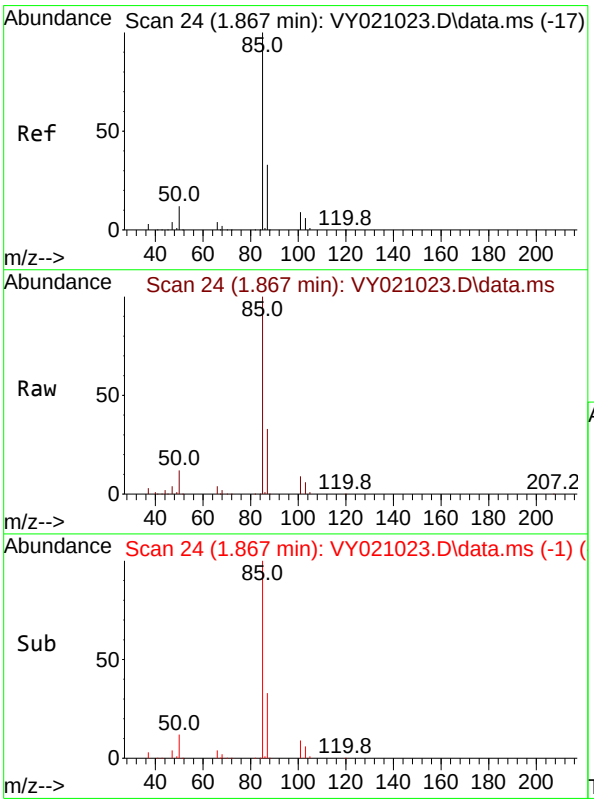
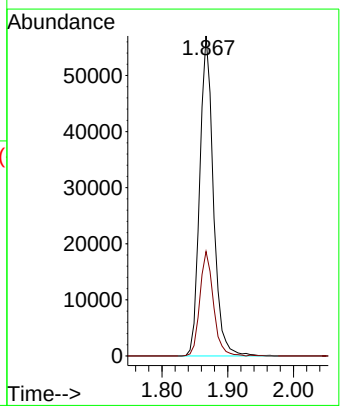
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

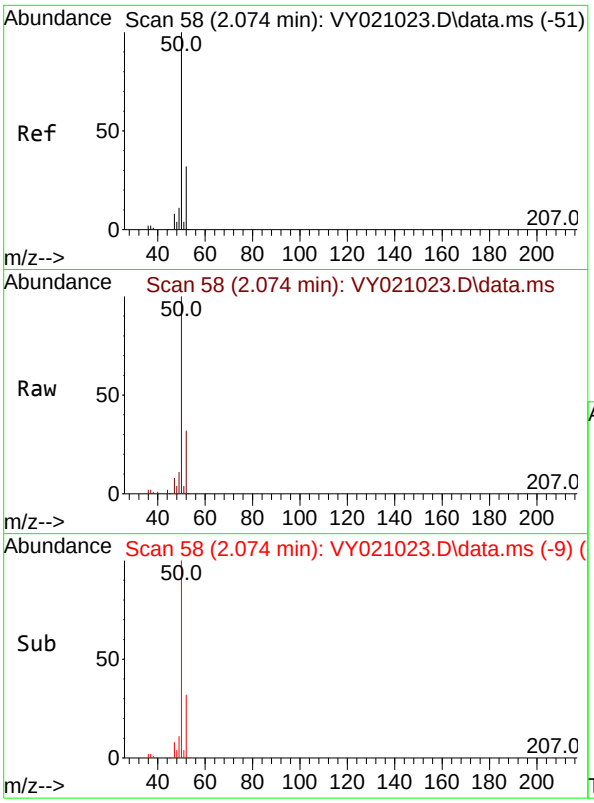


#2
Dichlorodifluoromethane
Concen: 52.329 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 85 Resp: 82341

Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.3	48.9

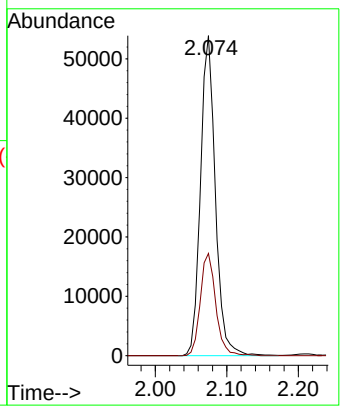




#3
Chloromethane
Concen: 77.798 ug/l
RT: 2.074 min Scan# 5
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 50 Resp: 7782

Ion	Ratio	Lower	Upper
50	100		
52	32.0	26.3	39.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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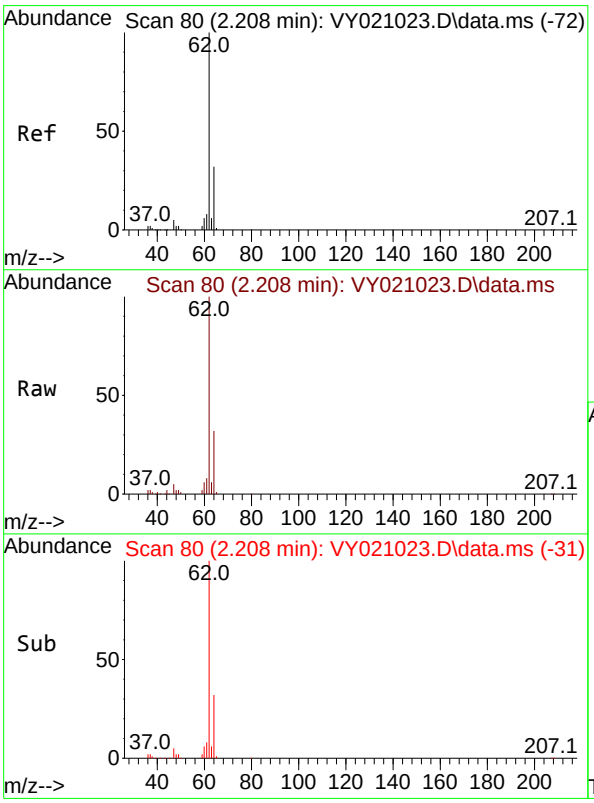
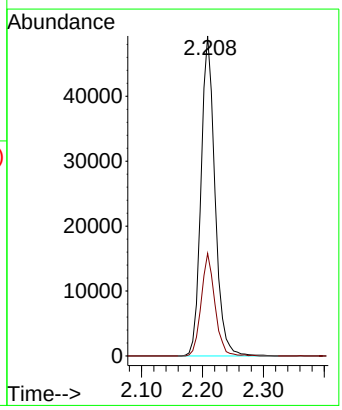
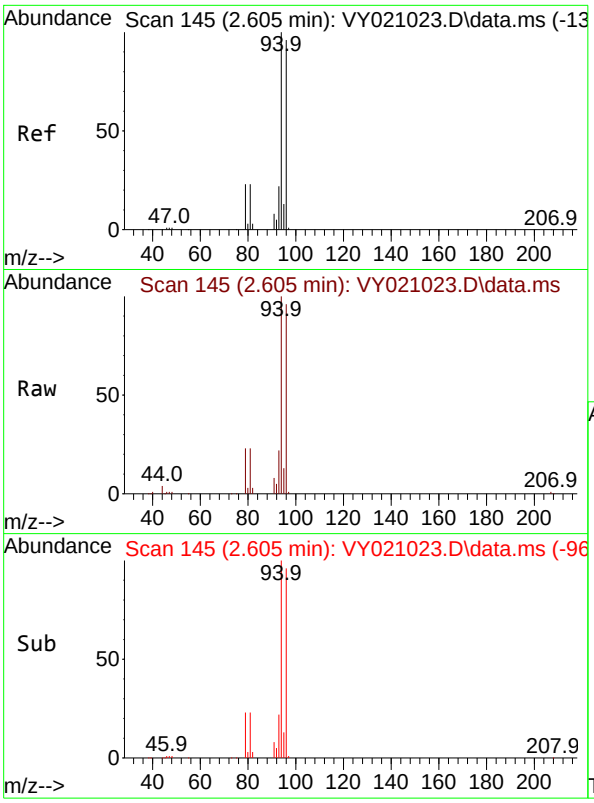


#4
Vinyl Chloride
Concen: 76.063 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 62 Resp: 78456

Ion	Ratio	Lower	Upper
62	100		
64	32.1	25.4	38.2





#5
Bromomethane
Concen: 68.257 ug/l
RT: 2.605 min Scan# 14
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 94 Resp: 4766

Ion	Ratio	Lower	Upper
94	100		
96	95.6	77.4	116.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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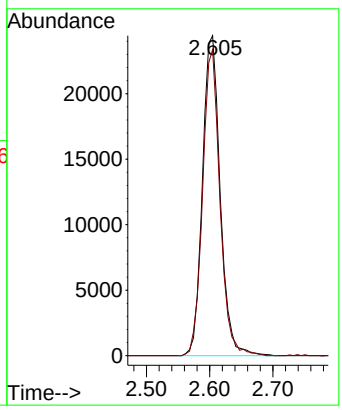
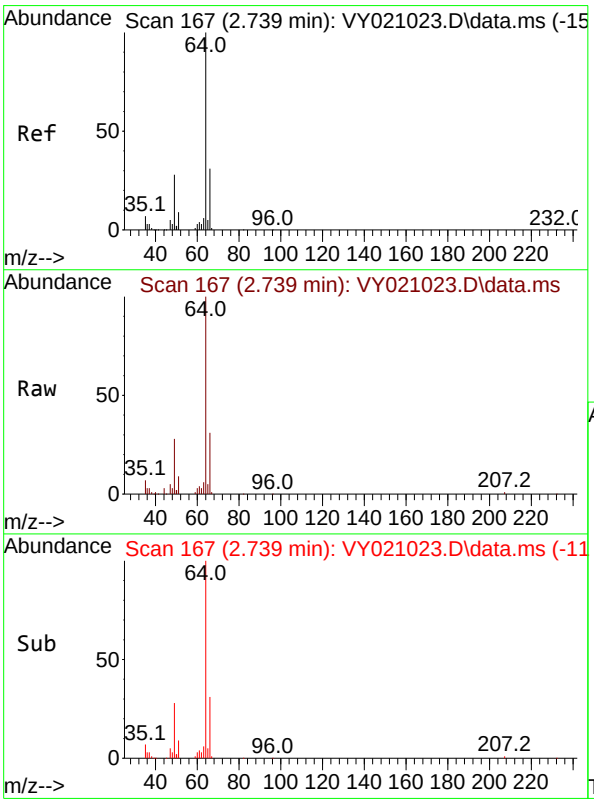
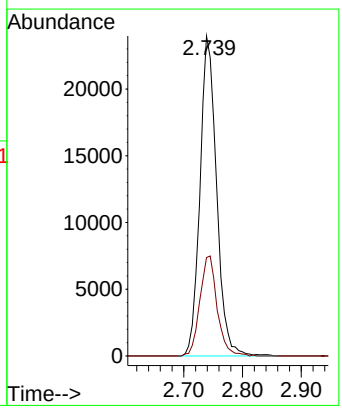


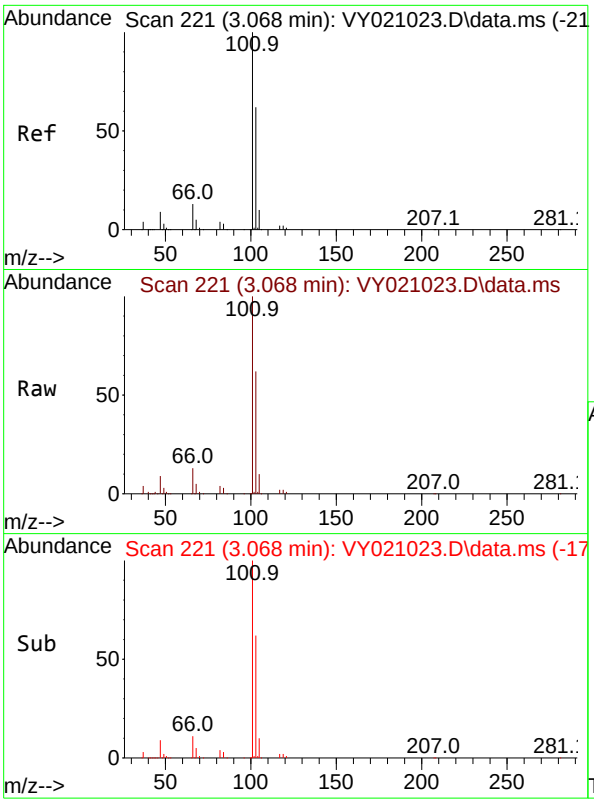


#6
Chloroethane
Concen: 78.268 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 64 Resp: 47159

Ion	Ratio	Lower	Upper
64	100		
66	30.7	25.0	37.4

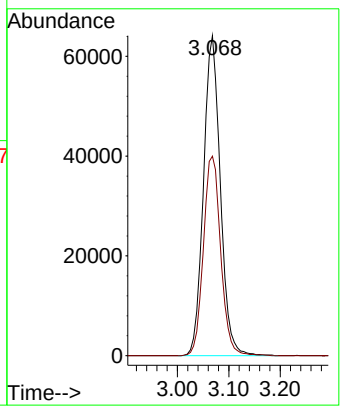




#7
Trichlorofluoromethane
Concen: 58.690 ug/l
RT: 3.068 min Scan# 2
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:101 Resp: 14609

Ion	Ratio	Lower	Upper
101	100		
103	62.4	50.9	76.3



Instrument :
MSVOA_Y
ClientSampleId :
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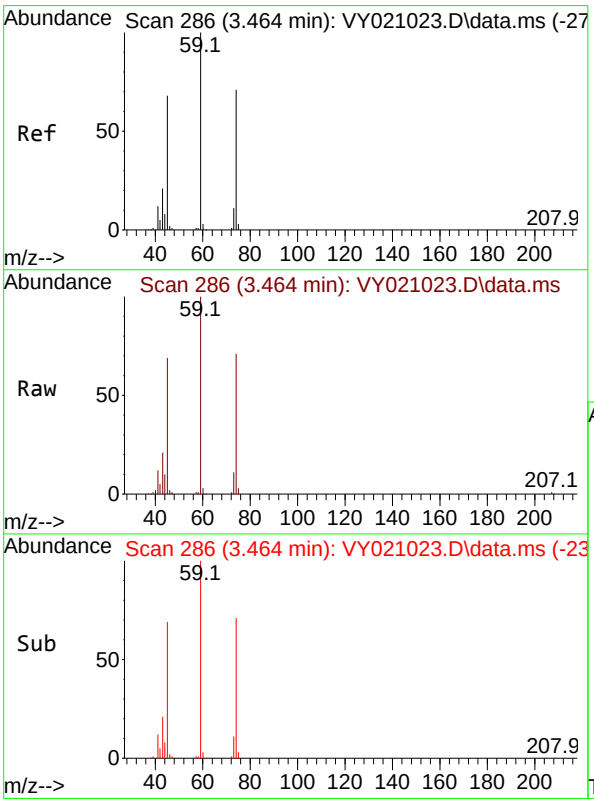
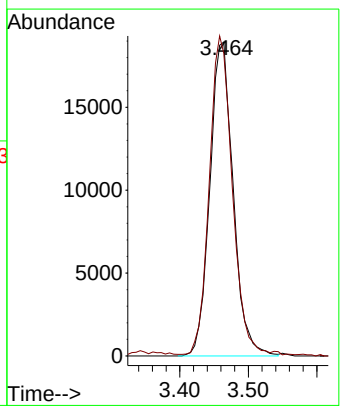
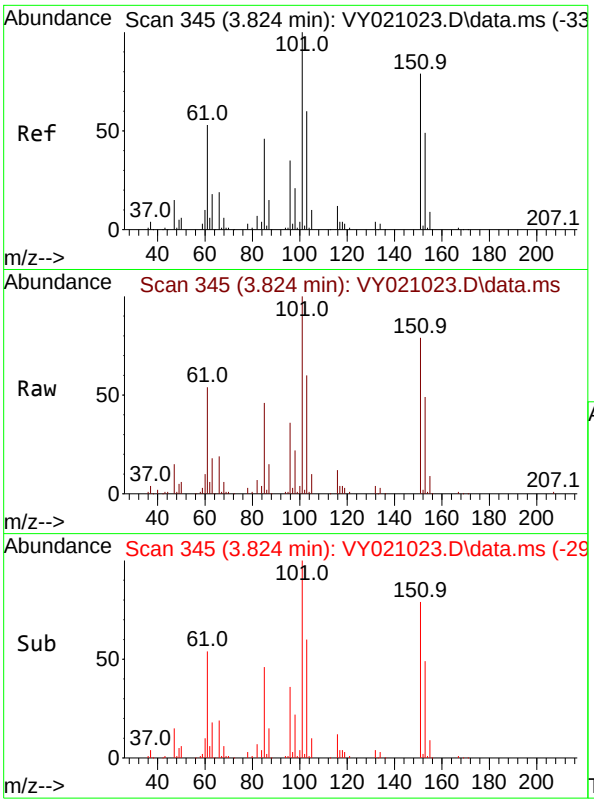


#8
Diethyl Ether
Concen: 60.281 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 74 Resp: 44796

Ion	Ratio	Lower	Upper
74	100		
45	100.0	43.4	130.2

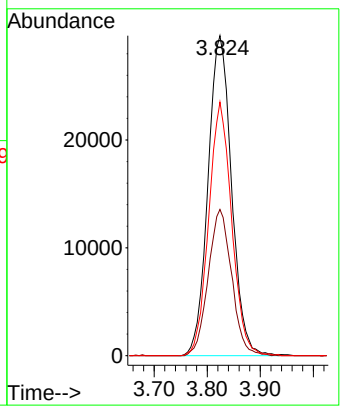




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.564 ug/l
RT: 3.824 min Scan# 34
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:101 Resp: 9145

Ion	Ratio	Lower	Upper
101	100		
85	45.5	34.9	52.3
151	77.5	66.8	100.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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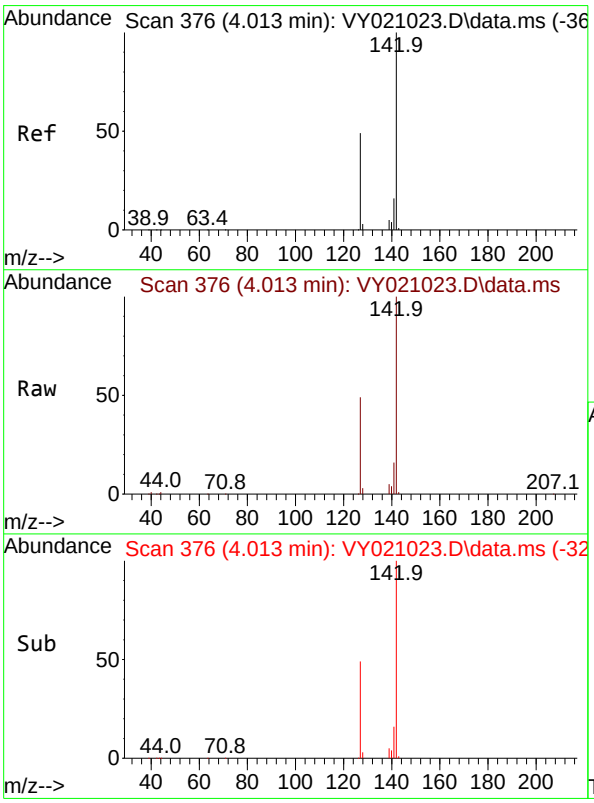
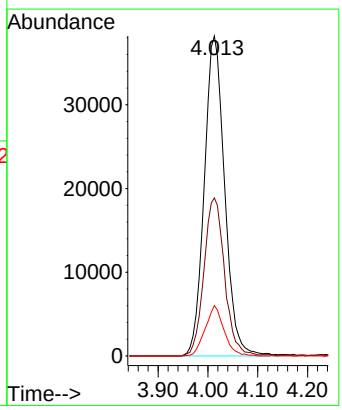
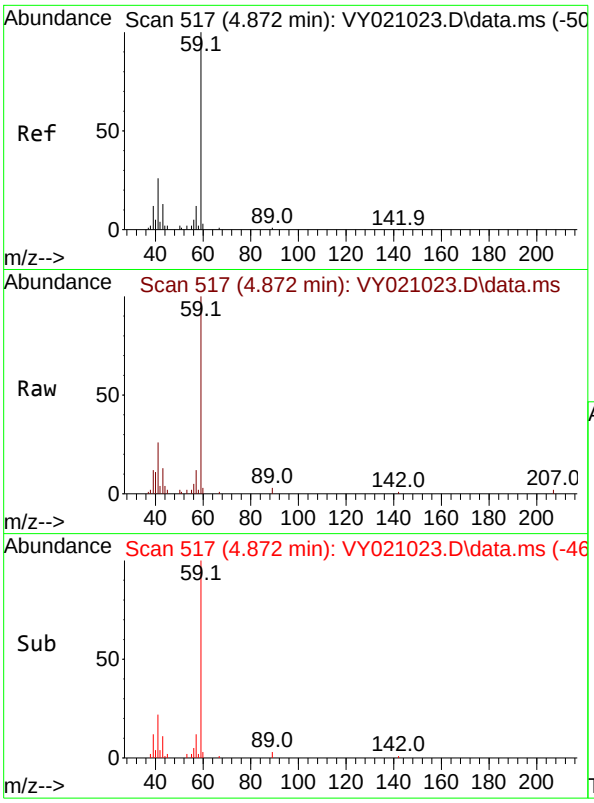


#10
Methyl Iodide
Concen: 56.607 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:142 Resp: 108576

Ion	Ratio	Lower	Upper
142	100		
127	49.8	38.9	58.3
141	14.5	11.7	17.5

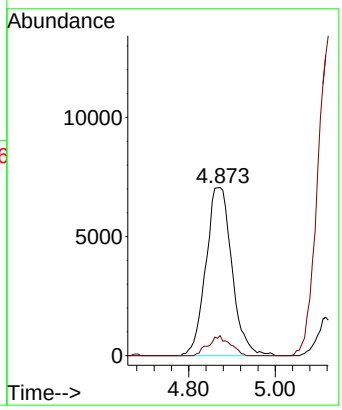




#11
Tert butyl alcohol
Concen: 256.470 ug/l
RT: 4.872 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 59 Resp: 2951

Ion	Ratio	Lower	Upper
59	100		
57	9.9	7.8	11.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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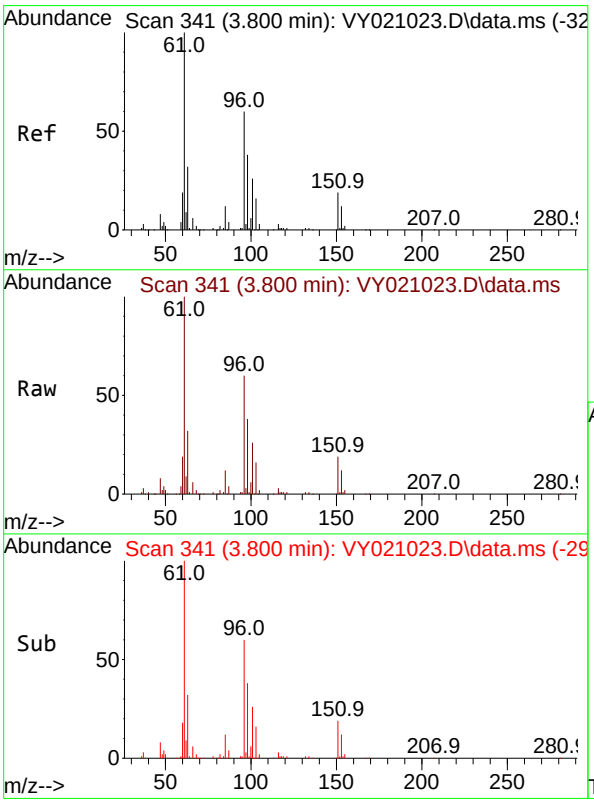
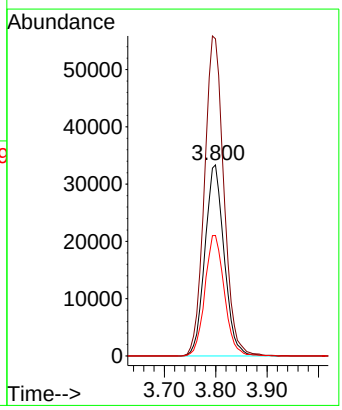
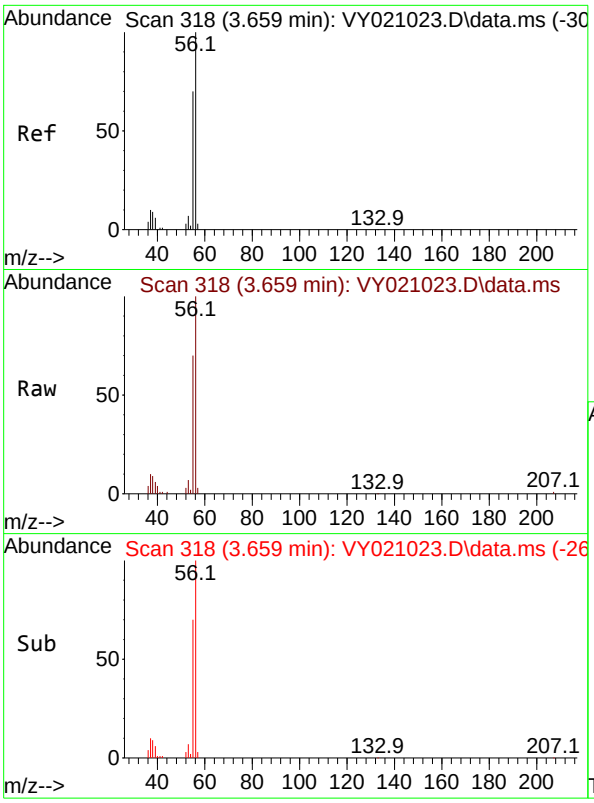


#12
1,1-Dichloroethene
Concen: 55.452 ug/l
RT: 3.800 min Scan# 341
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 96 Resp: 86860

Ion	Ratio	Lower	Upper
96	100		
61	166.1	120.8	181.2
98	63.1	50.6	76.0

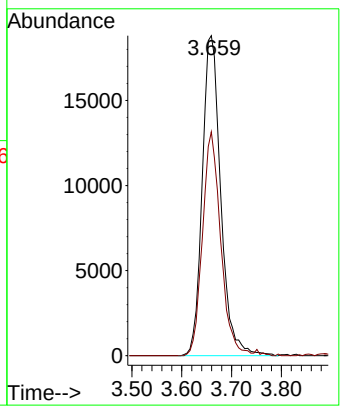




#13
Acrolein
Concen: 365.513 ug/l
RT: 3.659 min Scan# 3
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 56 Resp: 4844

Ion	Ratio	Lower	Upper
56	100		
55	68.6	56.1	84.1



Instrument :
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ClientSampleId :
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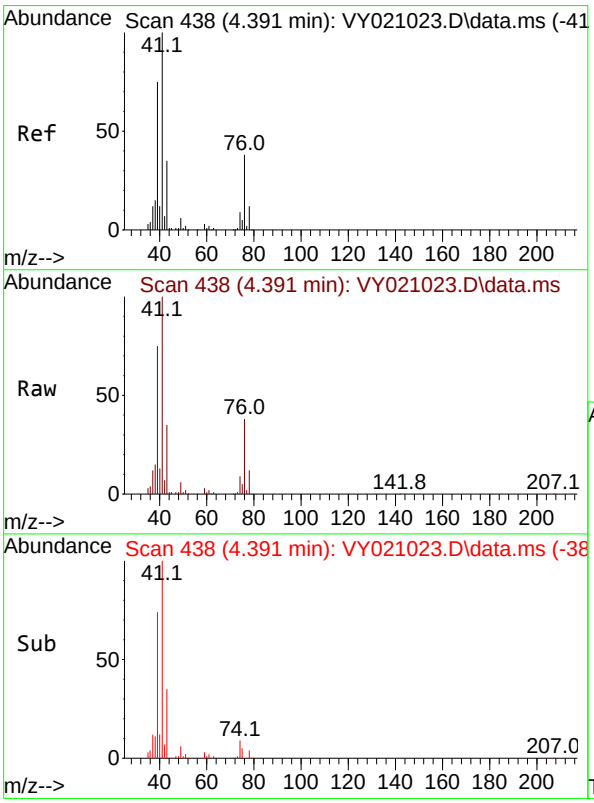
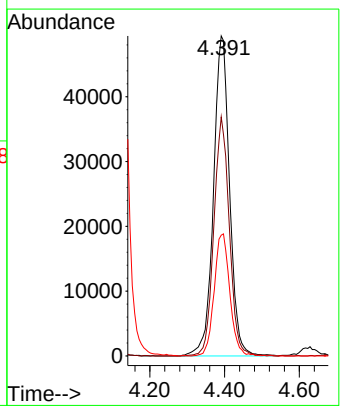
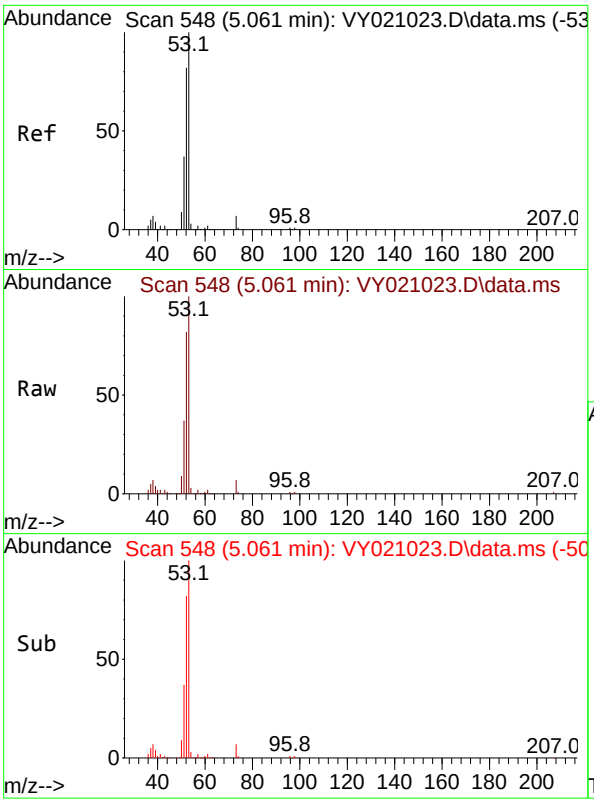


#14
Allyl chloride
Concen: 68.676 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 41 Resp: 148096

Ion	Ratio	Lower	Upper
41	100		
39	71.5	53.5	80.3
76	37.1	34.6	52.0





#15
Acrylonitrile
Concen: 322.040 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 53 Resp: 9843

Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.2	99.4
51	37.4	29.4	44.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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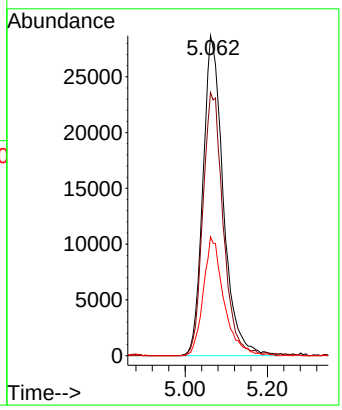
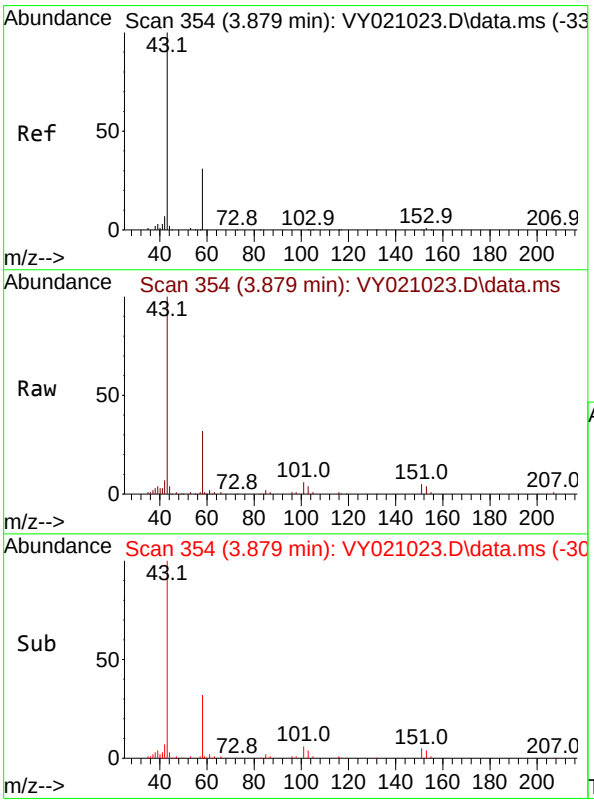
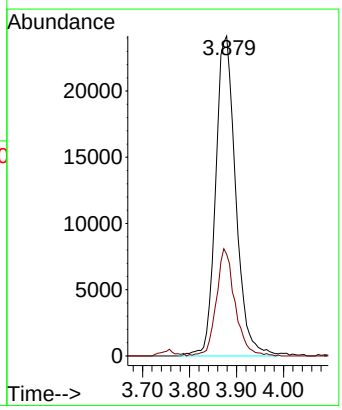


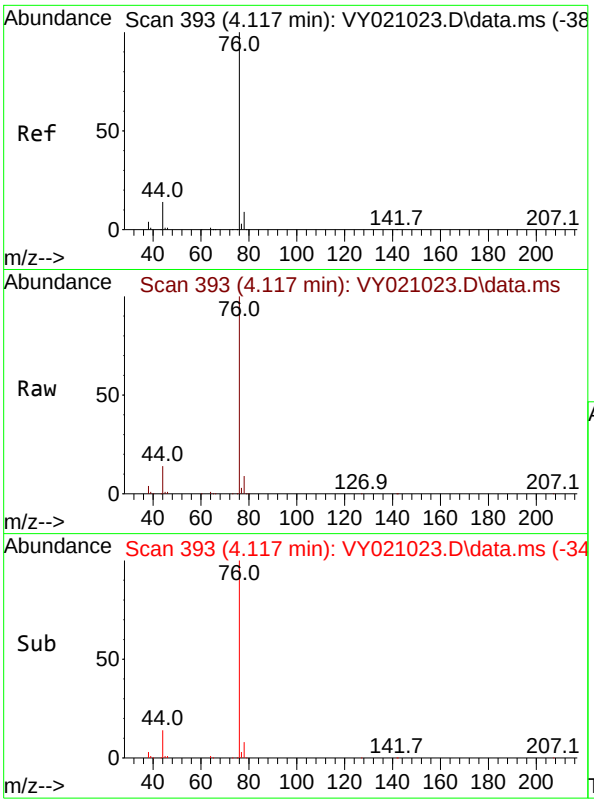


#16
Acetone
Concen: 333.889 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.007 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 43 Resp: 71701

Ion	Ratio	Lower	Upper
43	100		
58	31.4	28.4	42.6

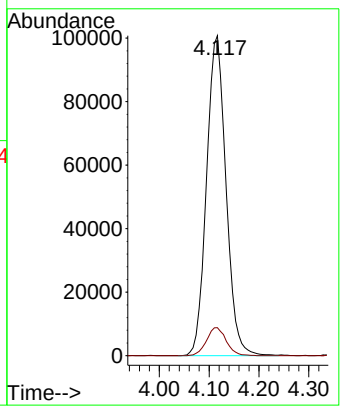




#17
Carbon Disulfide
Concen: 56.574 ug/l
RT: 4.117 min Scan# 3
Delta R.T. 0.007 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 76 Resp: 27293

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.3	10.9



Instrument :
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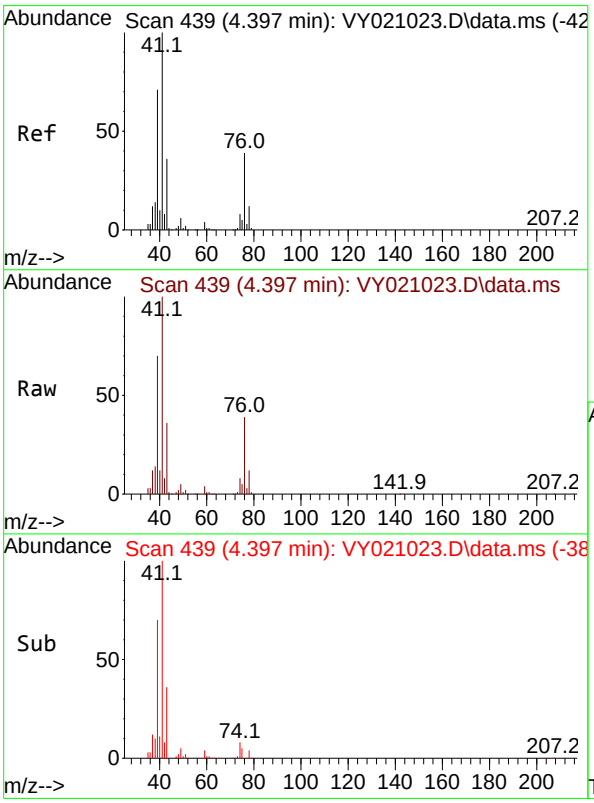
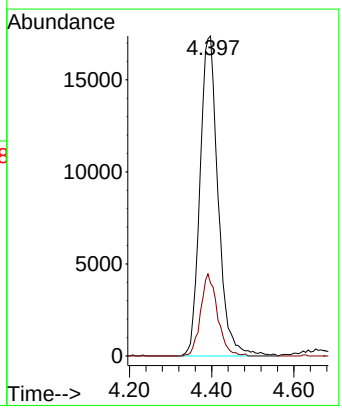
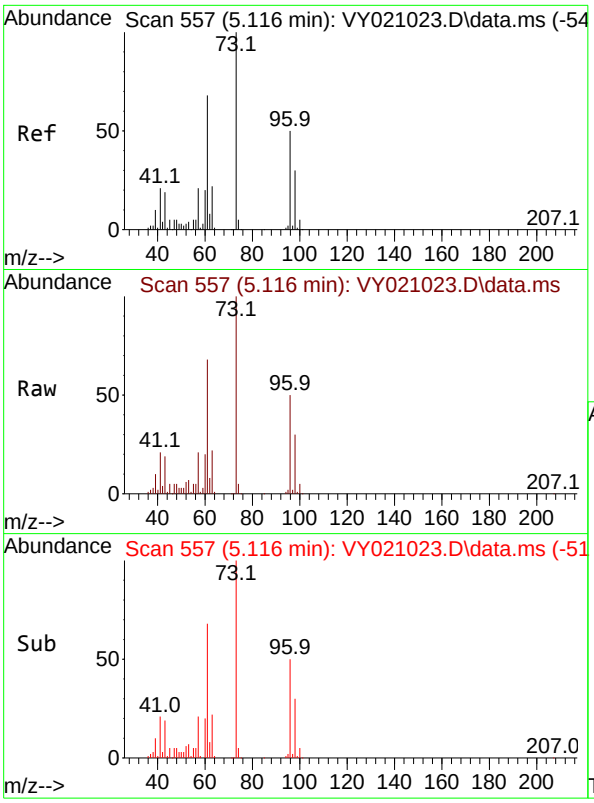


#18
Methyl Acetate
Concen: 70.789 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.007 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 43 Resp: 53193

Ion	Ratio	Lower	Upper
43	100		
74	23.8	22.2	33.4

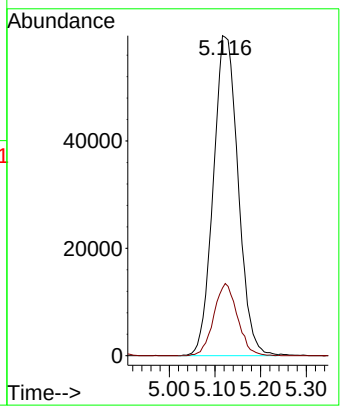




#19
Methyl tert-butyl Ether
Concen: 61.726 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 73 Resp: 22504

Ion	Ratio	Lower	Upper
73	100		
57	21.1	16.6	25.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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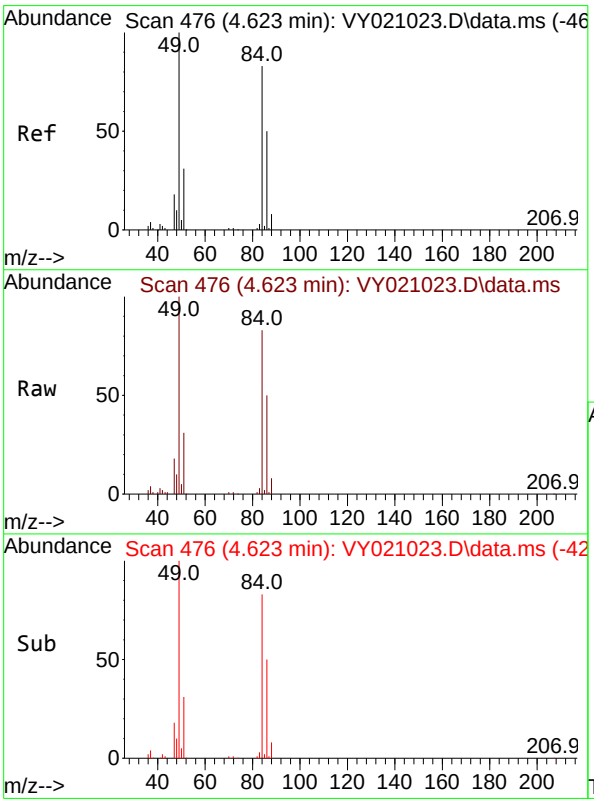
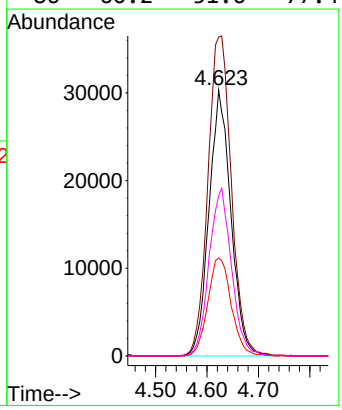
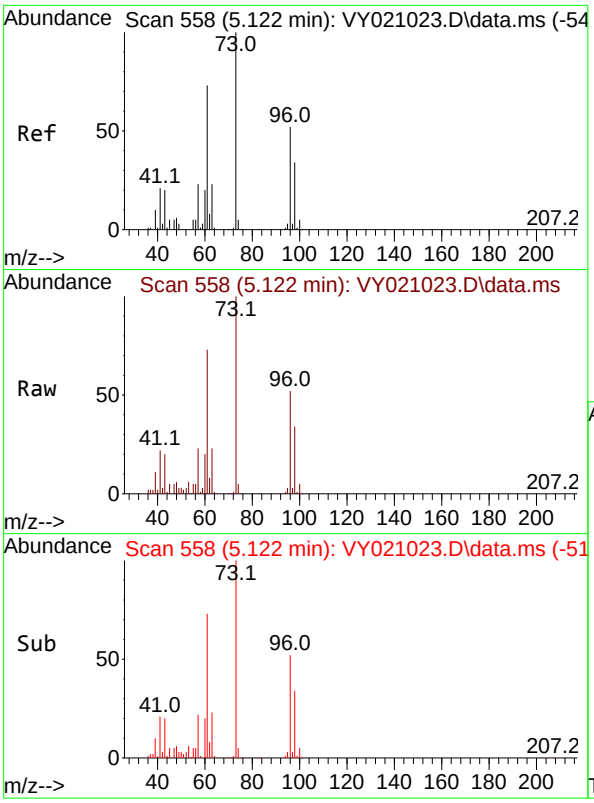


#20
Methylene Chloride
Concen: 56.645 ug/l
RT: 4.623 min Scan# 476
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 84 Resp: 89716

Ion	Ratio	Lower	Upper
84	100		
49	120.0	88.3	132.5
51	36.8	27.7	41.5
86	60.2	51.6	77.4

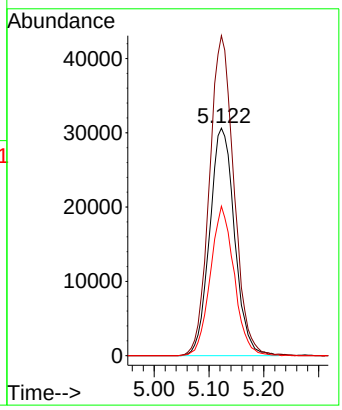




#21
trans-1,2-Dichloroethene
Concen: 57.552 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 96 Resp: 9665

Ion	Ratio	Lower	Upper
96	100		
61	140.7	101.5	152.3
98	65.7	52.0	78.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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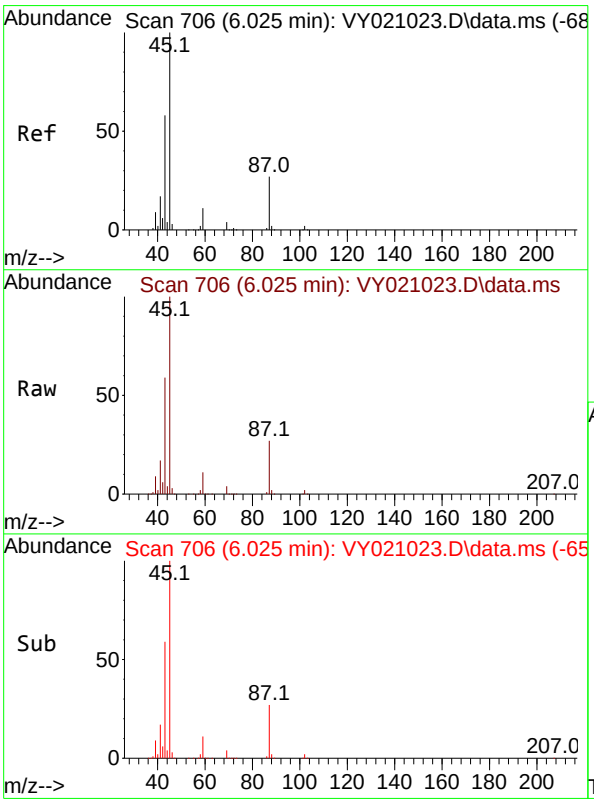
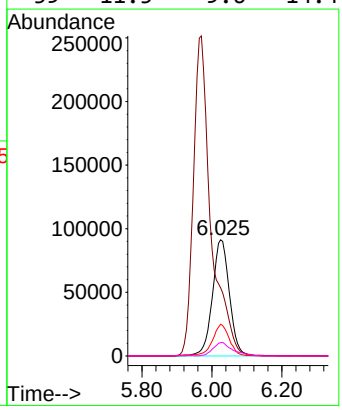
Supervised By :Semsettin Yesilyurt 02/04/2025

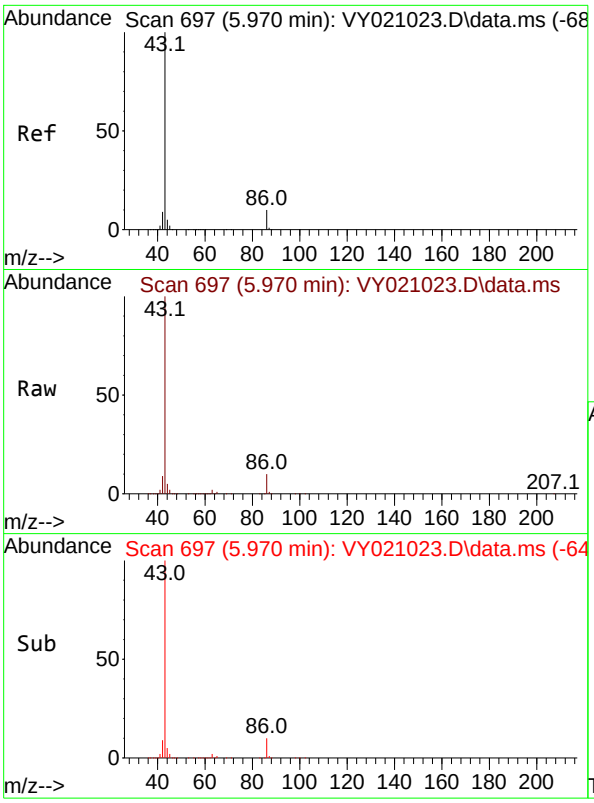


#22
Diisopropyl ether
Concen: 70.111 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 45 Resp: 308181

Ion	Ratio	Lower	Upper
45	100		
43	58.4	45.1	67.7
87	27.2	25.0	37.4
59	11.5	9.6	14.4

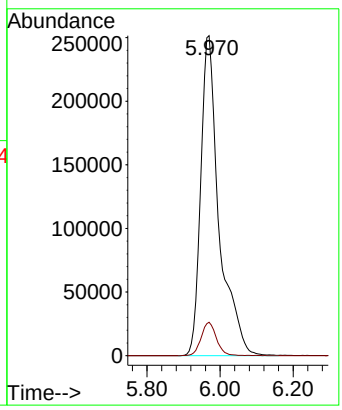




#23
Vinyl Acetate
Concen: 360.173 ug/l
RT: 5.970 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 43 Resp: 87674

Ion	Ratio	Lower	Upper
43	100		
86	10.5	9.7	14.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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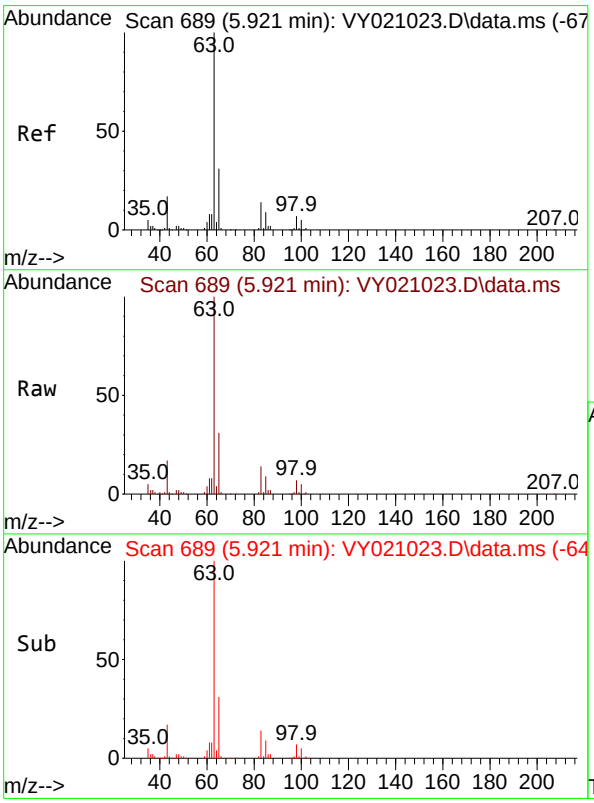
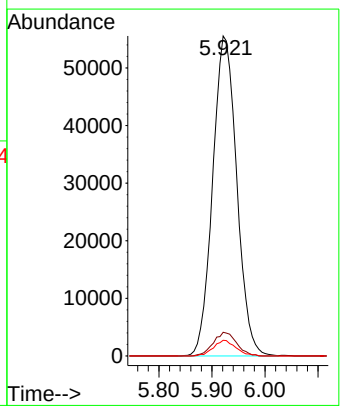
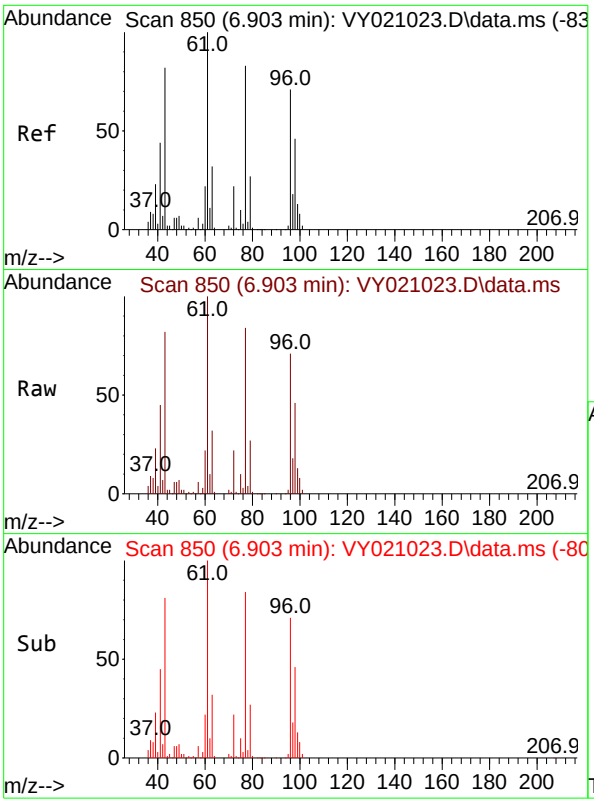


#24
1,1-Dichloroethane
Concen: 61.815 ug/l
RT: 5.921 min Scan# 689
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 63 Resp: 175291

Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.7	11.1
100	4.9	2.4	7.2

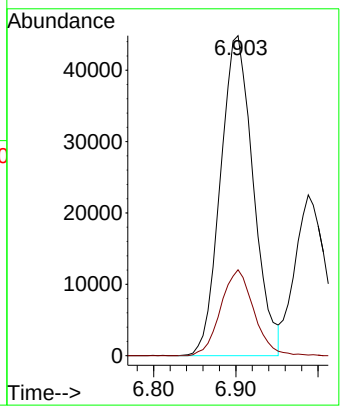




#25
2-Butanone
Concen: 342.981 ug/l
RT: 6.903 min Scan# 8
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 43 Resp: 12494

Ion	Ratio	Lower	Upper
43	100		
72	26.9	24.3	36.5



Instrument :
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ClientSampleId :
VSTDICCC050

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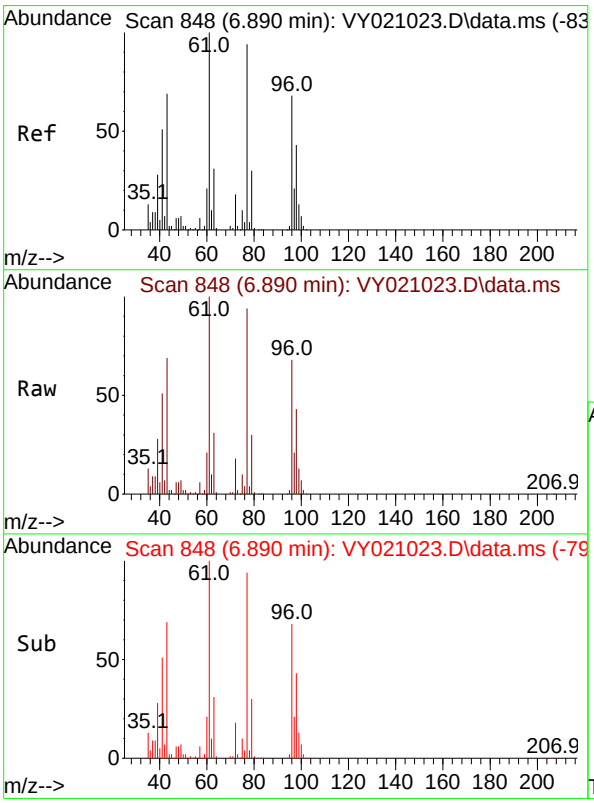
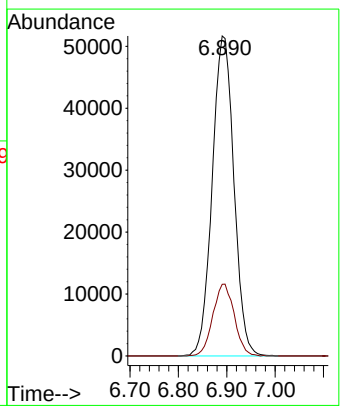
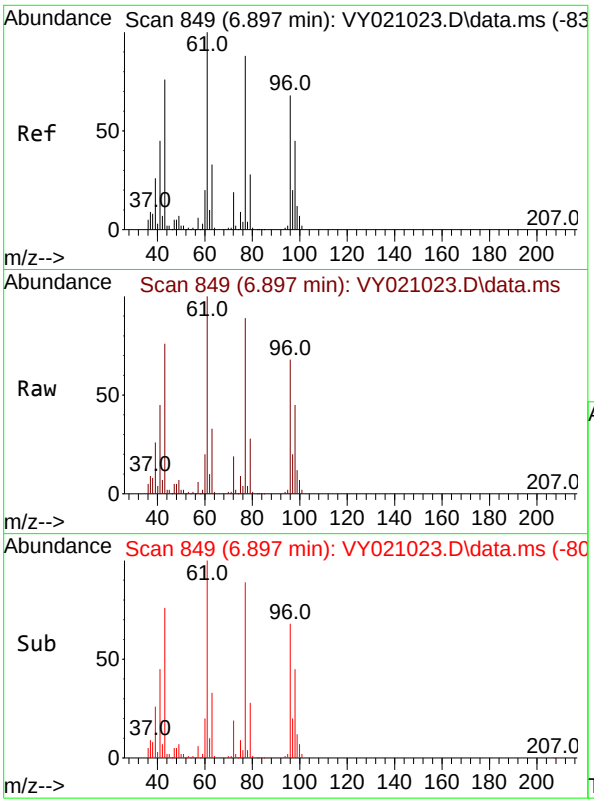


#26
2,2-Dichloropropane
Concen: 57.651 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 77 Resp: 160962

Ion	Ratio	Lower	Upper
77	100		
97	22.2	11.4	34.2

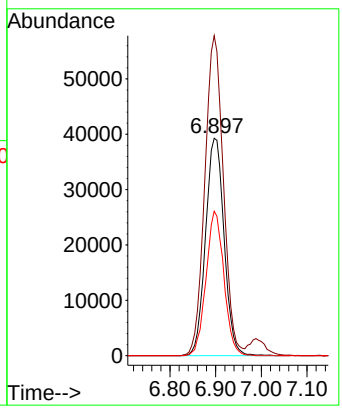




#27
cis-1,2-Dichloroethene
Concen: 57.437 ug/l
RT: 6.897 min Scan# 84
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 96 Resp: 11087

Ion	Ratio	Lower	Upper
96	100		
61	147.1	0.0	274.0
98	64.0	0.0	130.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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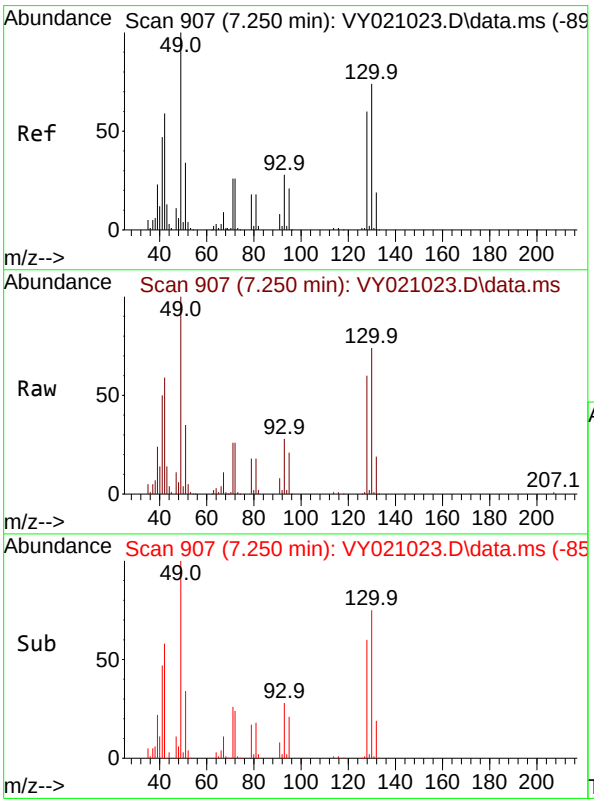
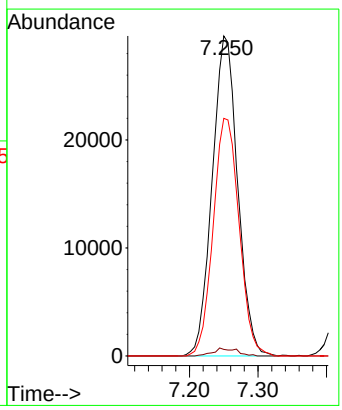
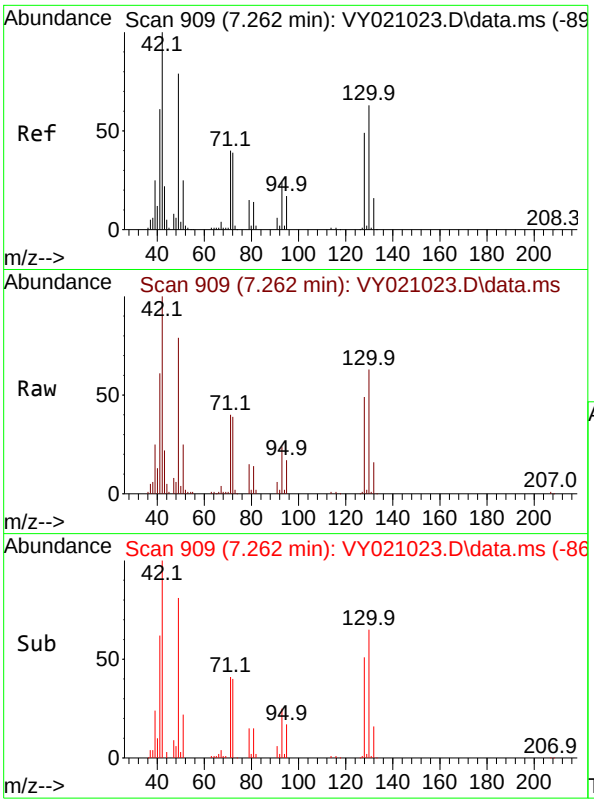


#28
Bromochloromethane
Concen: 72.370 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 49 Resp: 76460

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.0
130	75.5	73.2	109.8





#29
Tetrahydrofuran
Concen: 346.176 ug/l
RT: 7.262 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 42 Resp: 8486

Ion	Ratio	Lower	Upper
42	100		
72	41.9	39.3	58.9
71	40.3	36.1	54.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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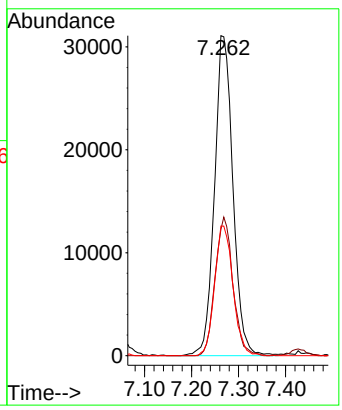
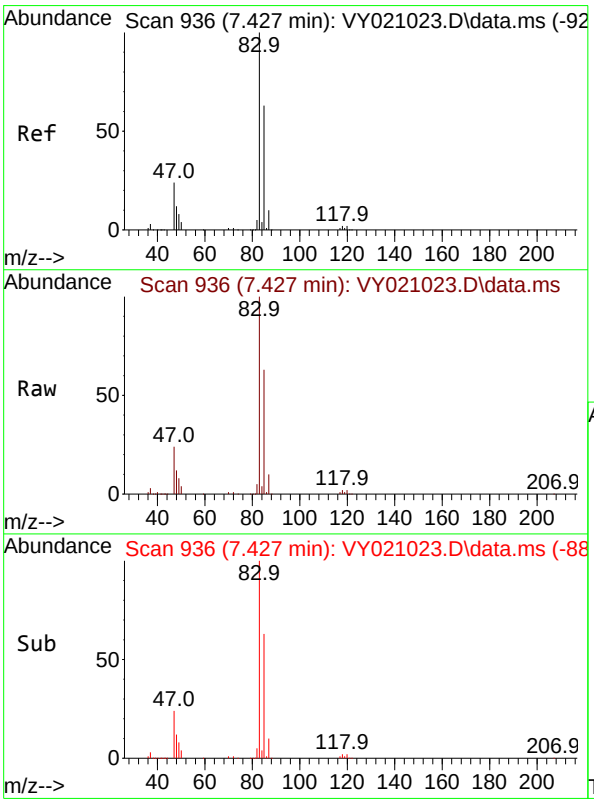
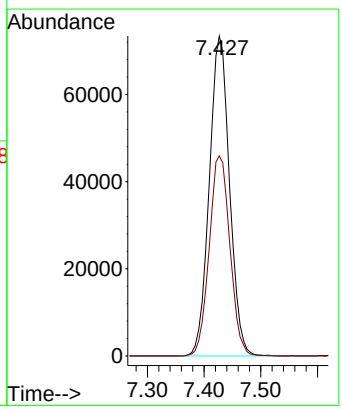


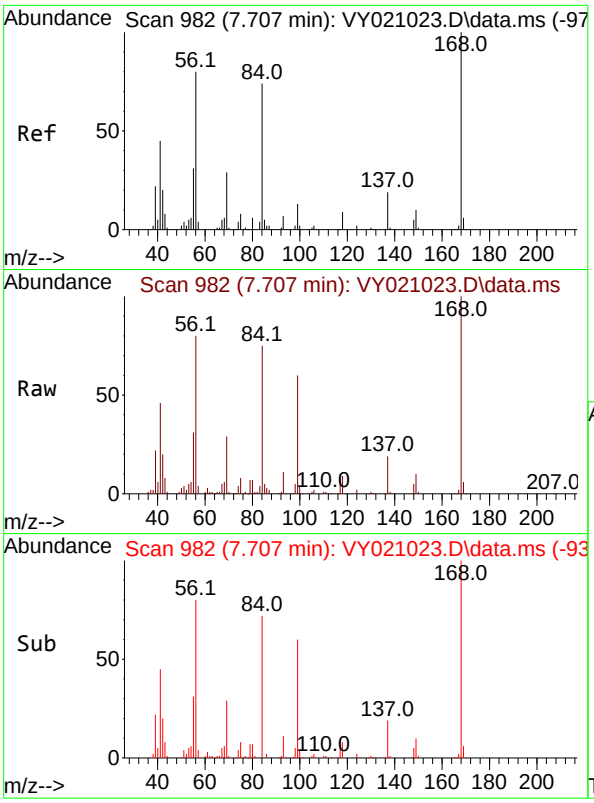


#30
Chloroform
Concen: 59.167 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 83 Resp: 181725

Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.9	79.3

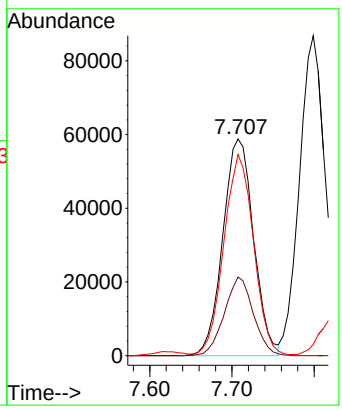




#31
Cyclohexane
Concen: 55.203 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 56 Resp: 15301

Ion	Ratio	Lower	Upper
56	100		
69	36.3	27.7	41.5
84	91.5	77.5	116.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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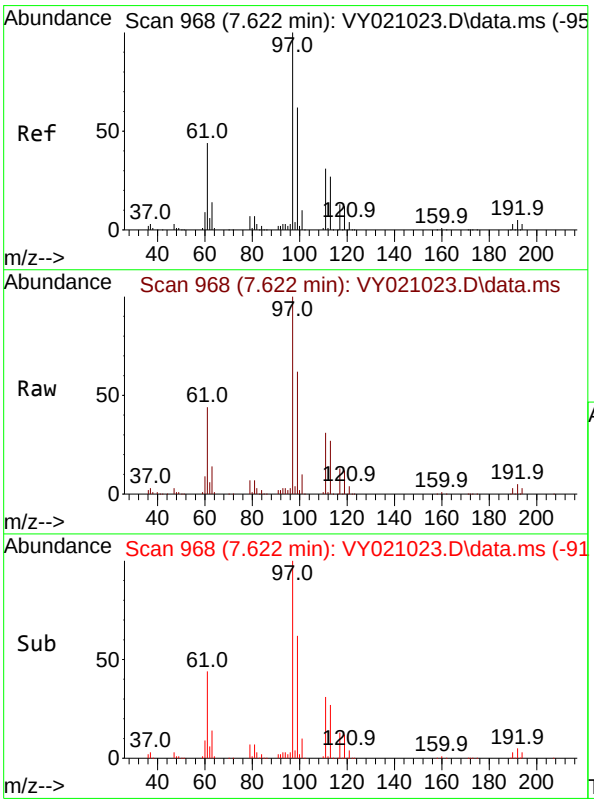
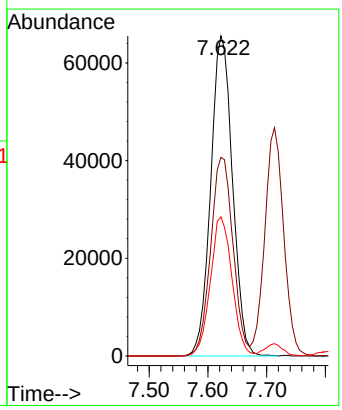
Supervised By :Semsettin Yesilyurt 02/04/2025

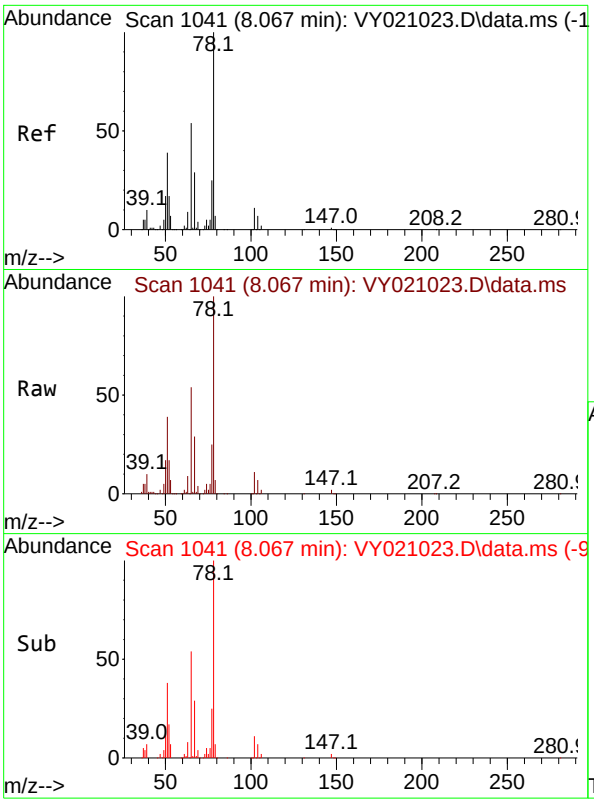


#32
1,1,1-Trichloroethane
Concen: 56.771 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 97 Resp: 168751

Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.4	77.0
61	43.3	31.4	47.0

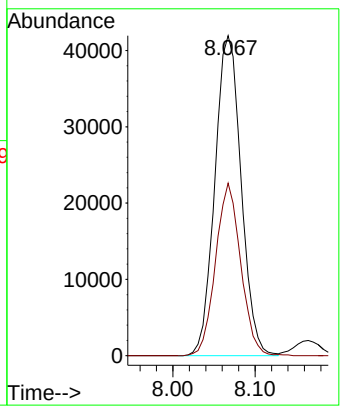




#33
1,2-Dichloroethane-d4
Concen: 59.079 ug/l
RT: 8.067 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 65 Resp: 9308

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	104.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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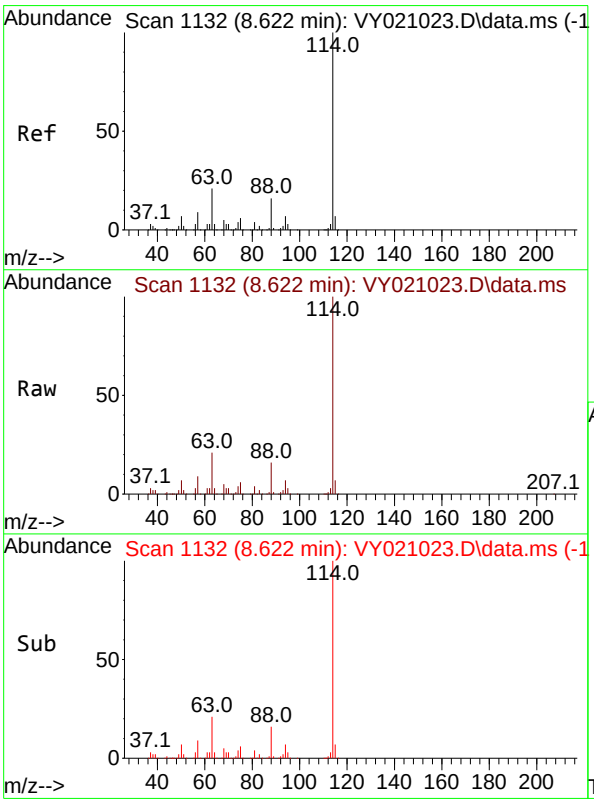
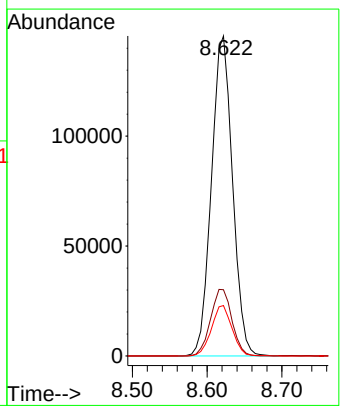
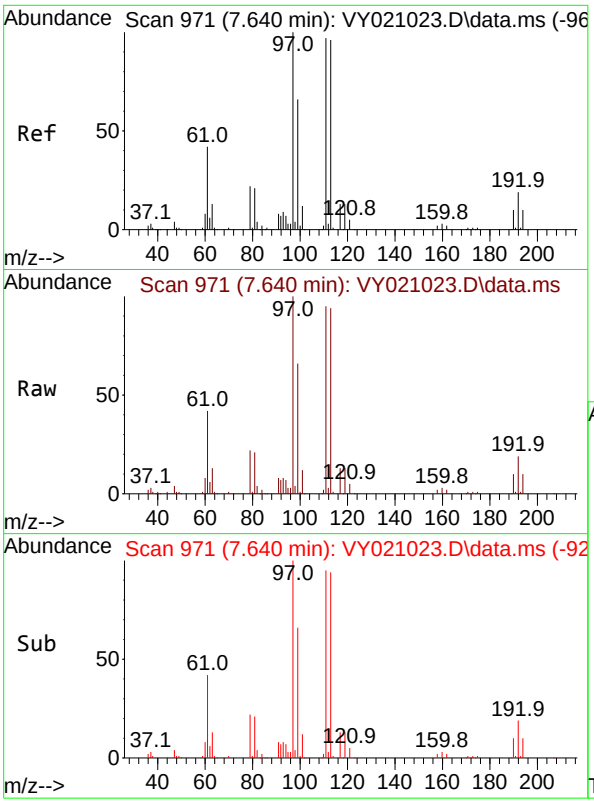


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:114 Resp: 285755

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	37.2
88	15.8	0.0	29.6

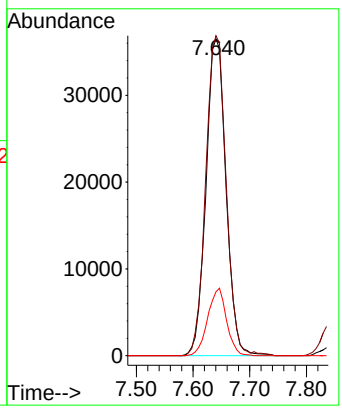




#35
Dibromofluoromethane
Concen: 52.107 ug/l
RT: 7.640 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:113 Resp: 8951

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	20.0	16.8	25.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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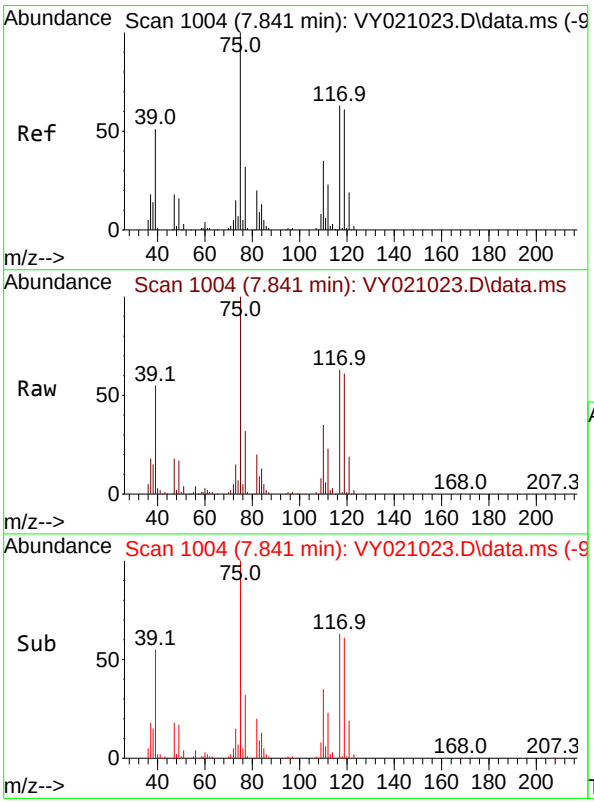
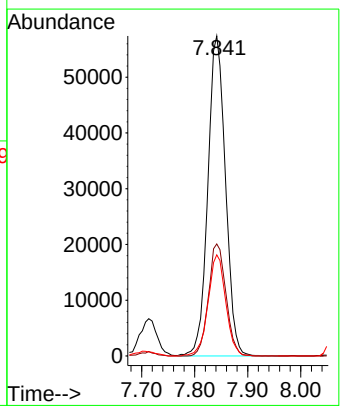
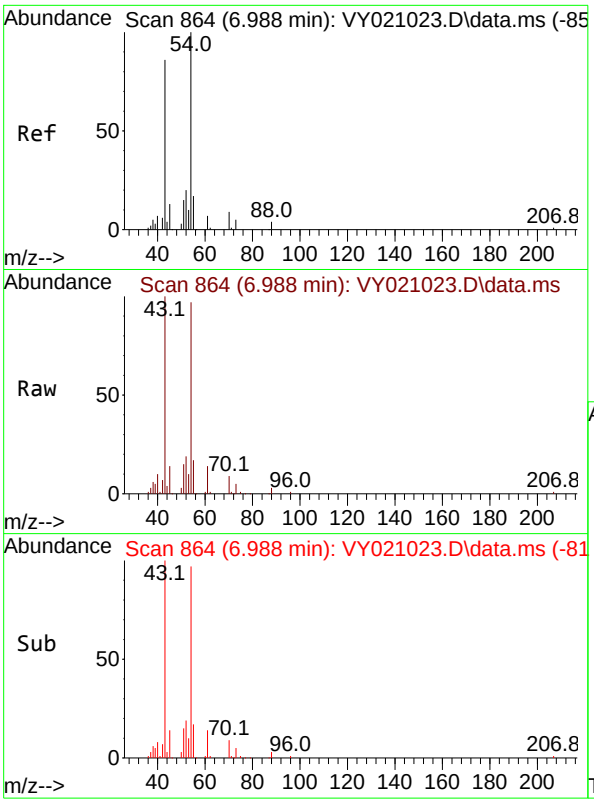


#36
1,1-Dichloropropene
Concen: 54.034 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 75 Resp: 132425

Ion	Ratio	Lower	Upper
75	100		
110	34.8	18.4	55.2
77	31.6	24.9	37.3

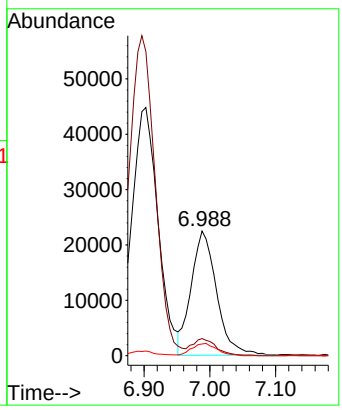




#37
Ethyl Acetate
Concen: 65.852 ug/l
RT: 6.988 min Scan# 8
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 43 Resp: 6016

Ion	Ratio	Lower	Upper
43	100		
61	12.9	11.4	17.0
70	9.7	9.6	14.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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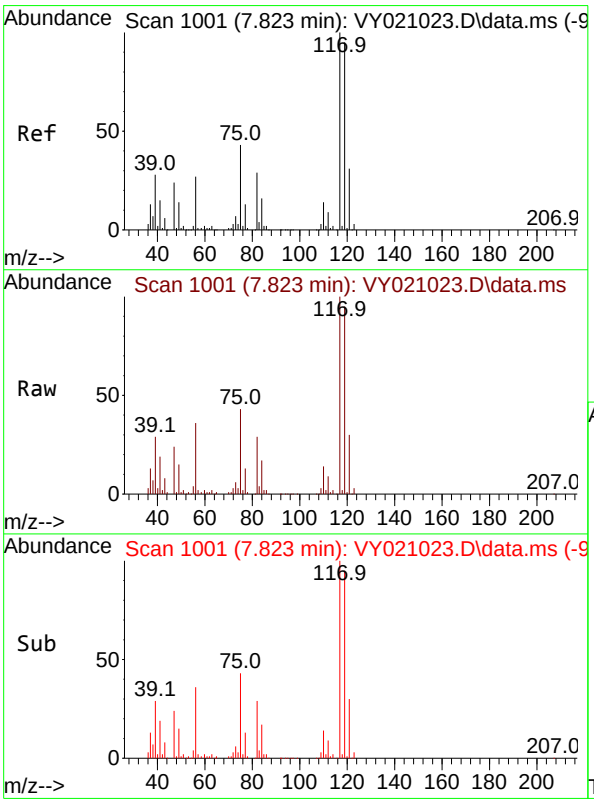
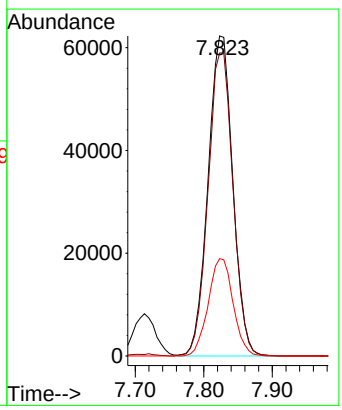
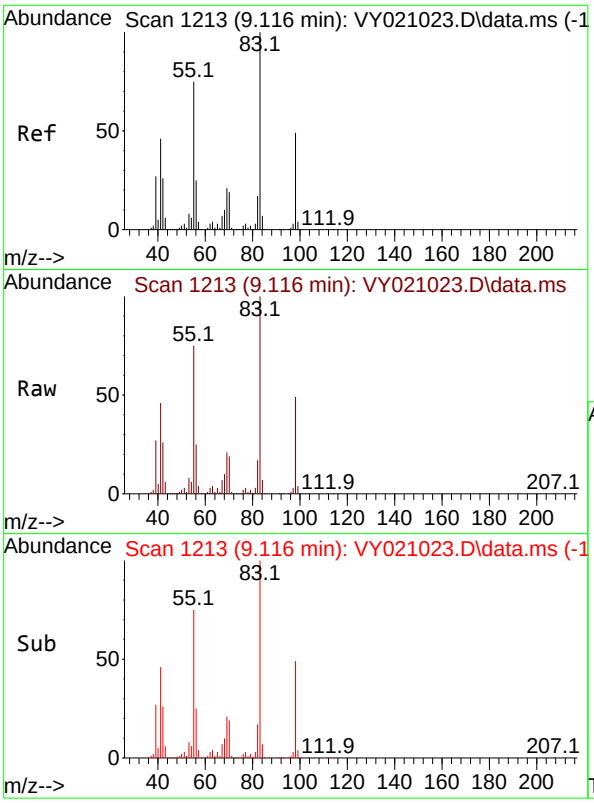


#38
Carbon Tetrachloride
Concen: 51.530 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:117 Resp: 156282

Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.0	112.6
121	30.4	24.2	36.2





#39
Methylcyclohexane
Concen: 51.064 ug/l
RT: 9.116 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

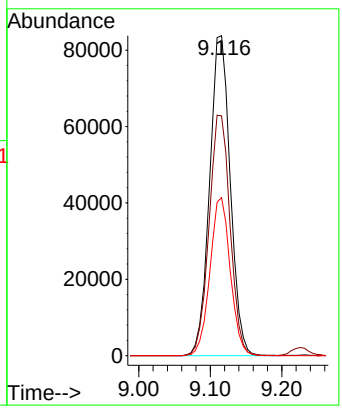
Tgt Ion: 83 Resp: 16811

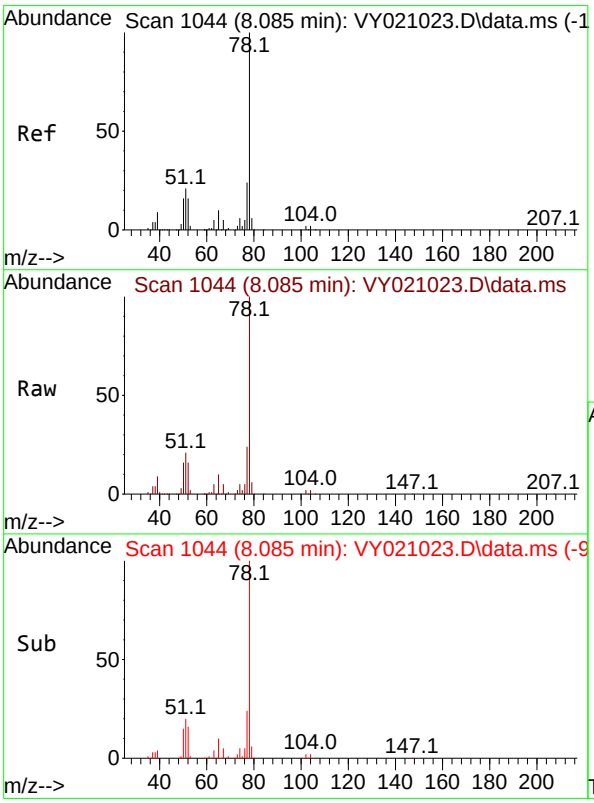
Ion	Ratio	Lower	Upper
83	100		
55	75.0	54.9	82.3
98	49.4	40.5	60.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

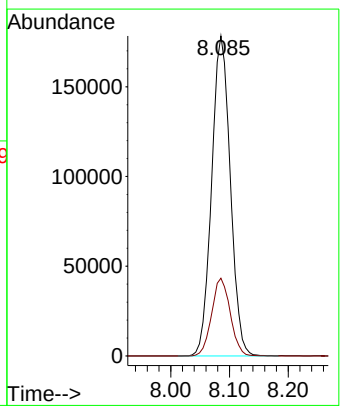


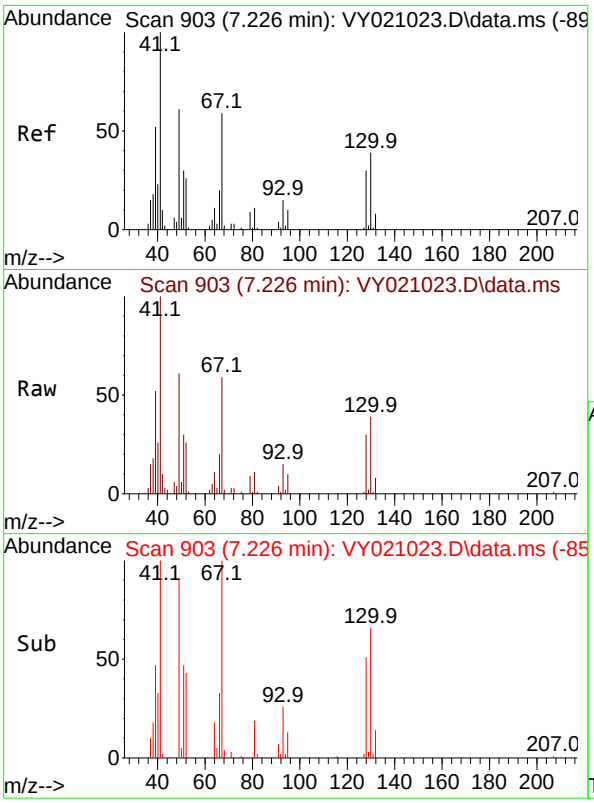


#40
Benzene
Concen: 54.594 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 78 Resp: 393690

Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.4	29.2

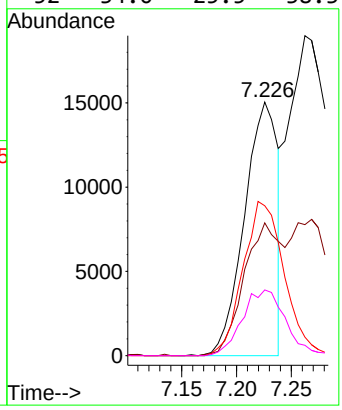




#41
Methacrylonitrile
Concen: 62.707 ug/l
RT: 7.226 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 41 Resp: 3170

Ion	Ratio	Lower	Upper
41	100		
39	60.9	41.6	62.4
67	75.8	63.8	95.6
52	34.0	25.5	38.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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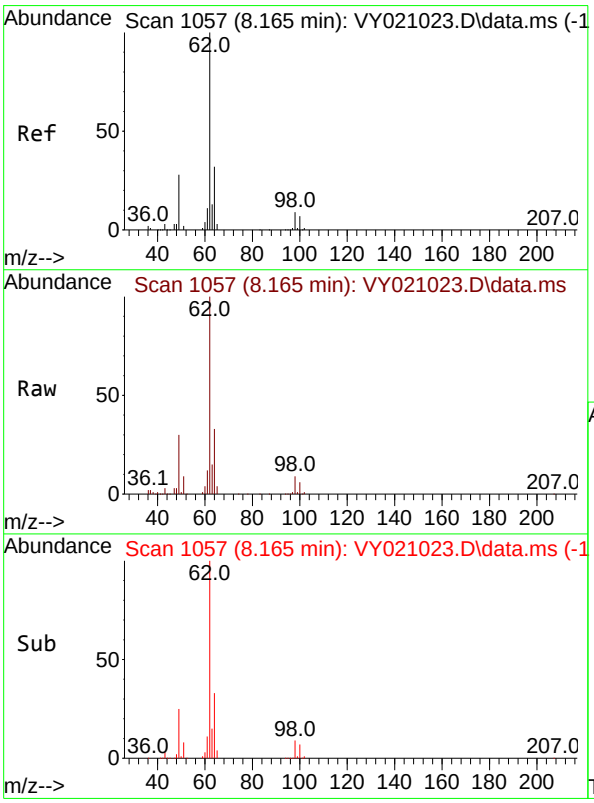
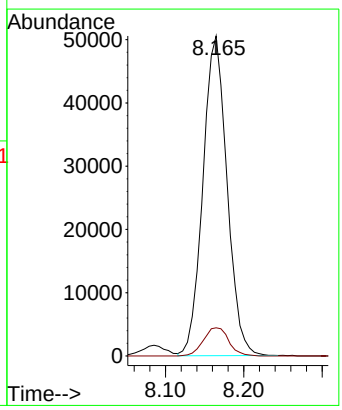
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

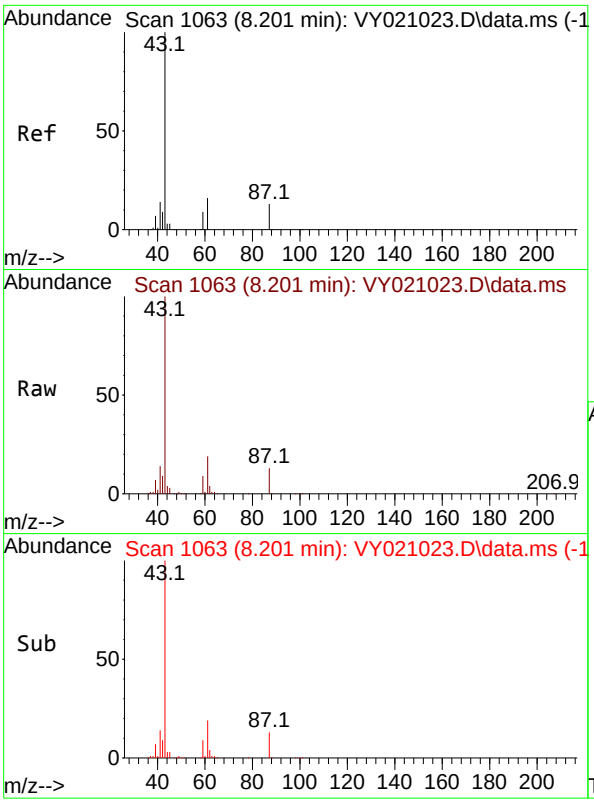


#42
1,2-Dichloroethane
Concen: 59.191 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 62 Resp: 108251

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.4

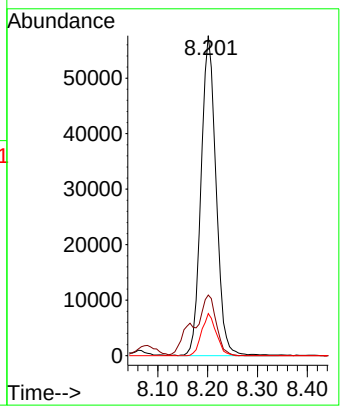




#43
Isopropyl Acetate
Concen: 66.087 ug/l
RT: 8.201 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 43 Resp: 12063

Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.8	23.6
87	12.8	12.5	18.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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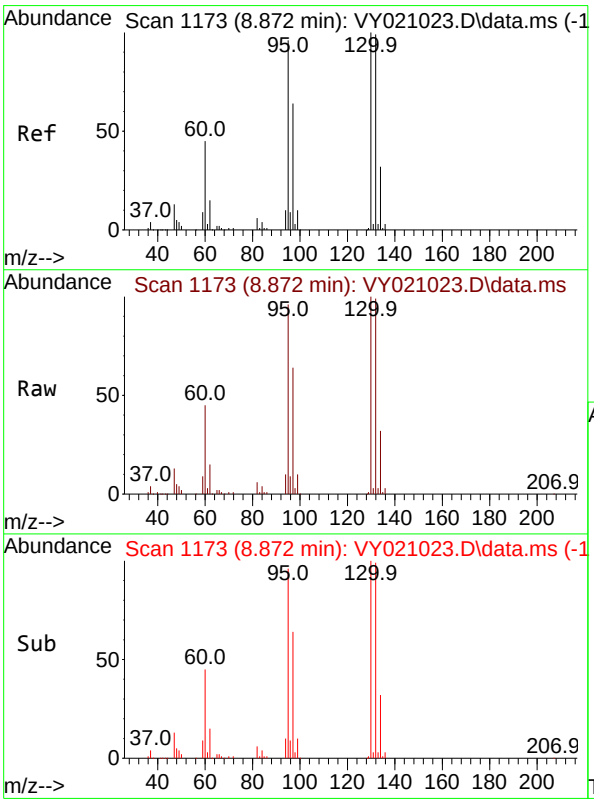
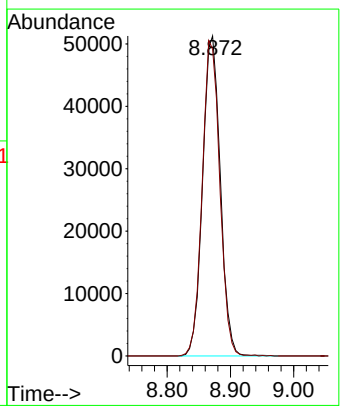
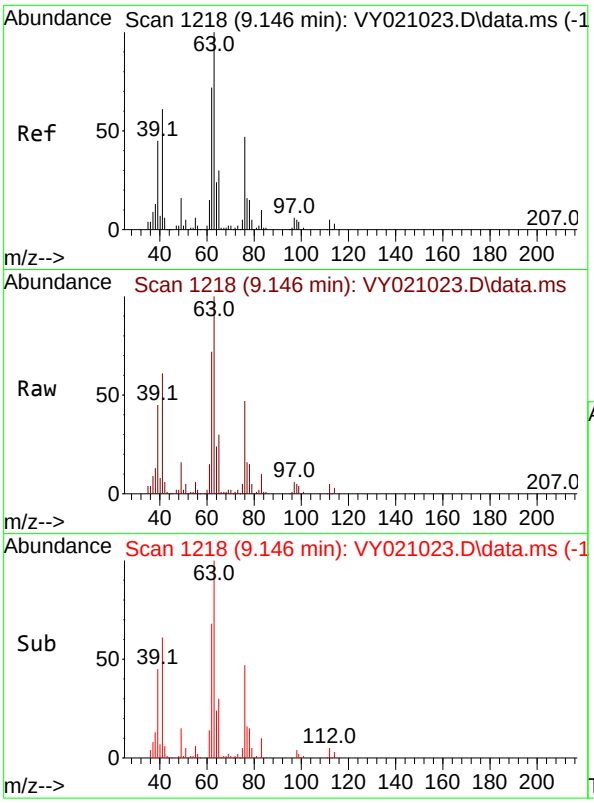


#44
Trichloroethene
Concen: 50.121 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:130 Resp: 99733

Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	189.6

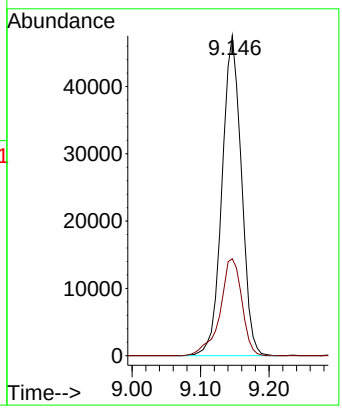




#45
1,2-Dichloropropane
Concen: 57.754 ug/l
RT: 9.146 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 63 Resp: 9334

Ion	Ratio	Lower	Upper
63	100		
65	30.3	23.6	35.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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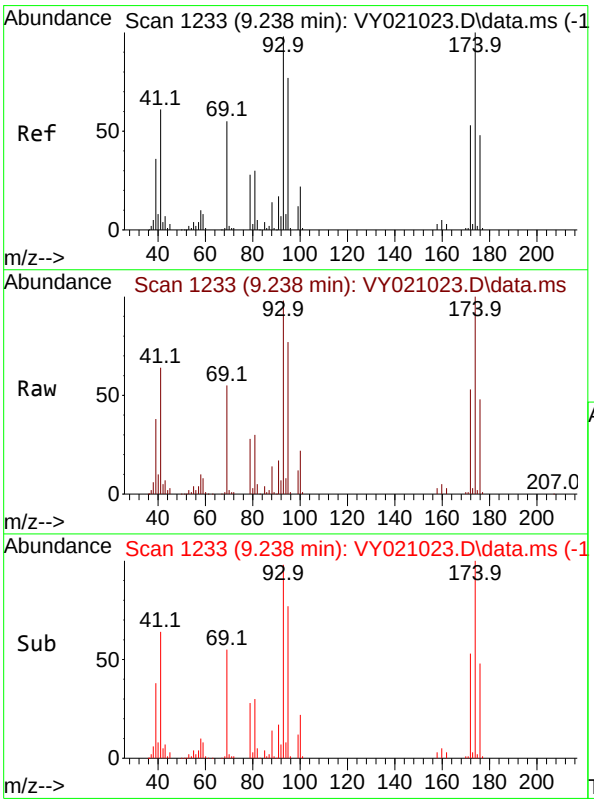
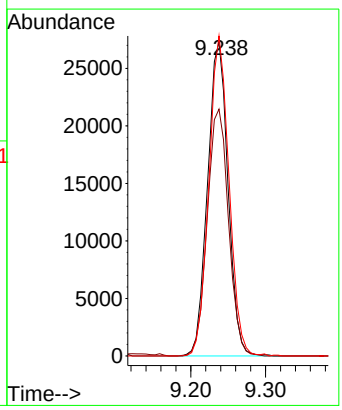
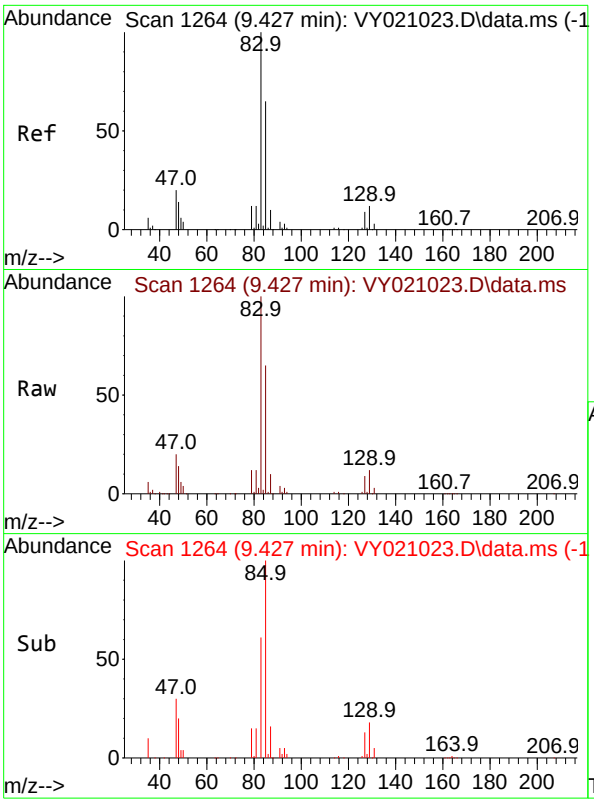


#46
Dibromomethane
Concen: 55.001 ug/l
RT: 9.238 min Scan# 1233
Delta R.T. 0.007 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 93 Resp: 51734

Ion	Ratio	Lower	Upper
93	100		
95	82.0	65.8	98.8
174	100.9	88.1	132.1

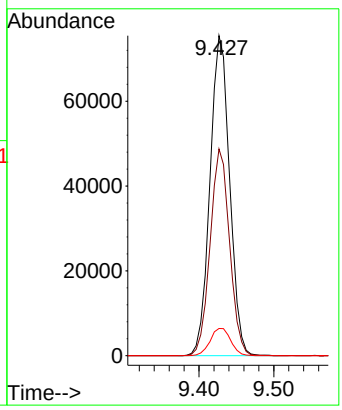




#47
Bromodichloromethane
Concen: 55.807 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 83 Resp: 13785

Ion	Ratio	Lower	Upper
83	100		
85	64.6	49.6	74.4
127	8.5	7.1	10.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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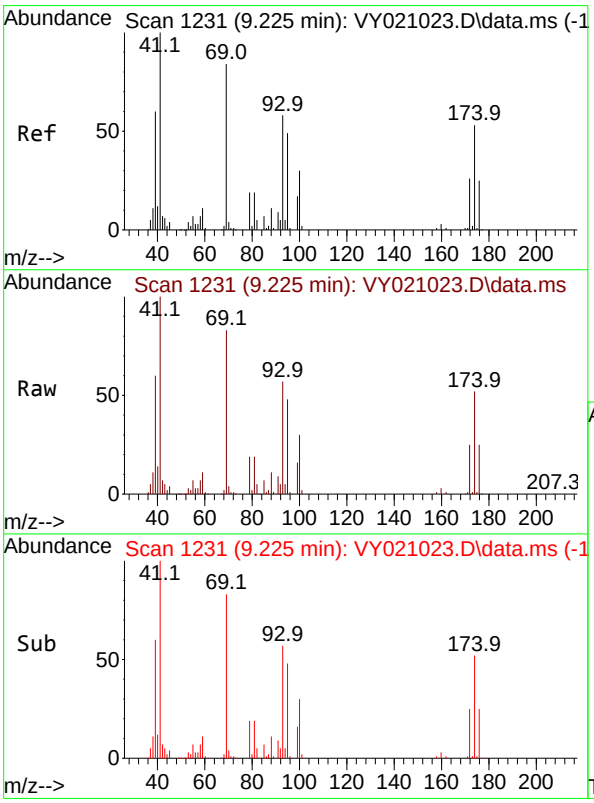
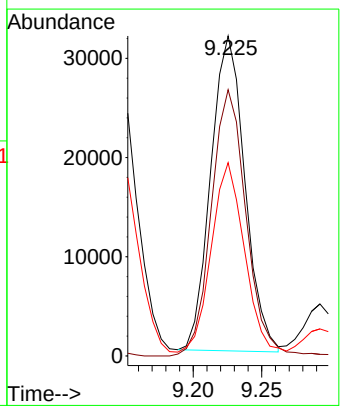
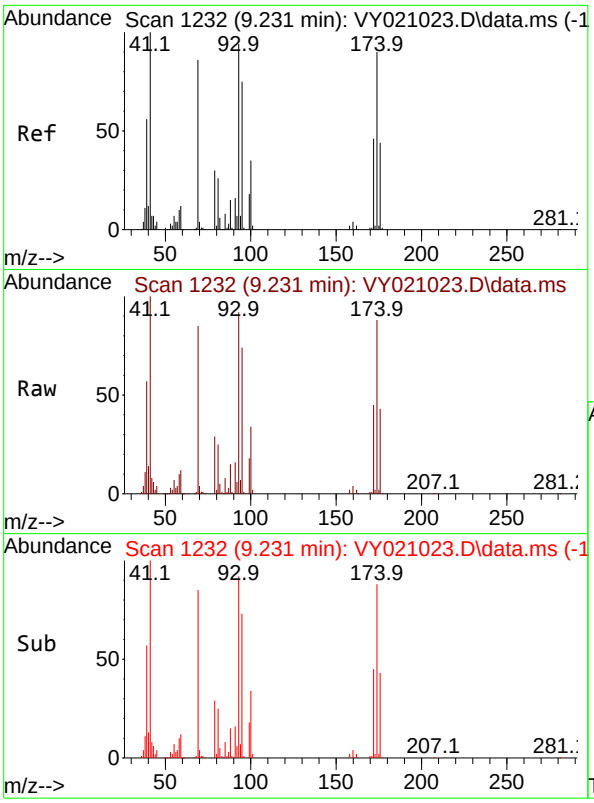


#48
Methyl methacrylate
Concen: 63.113 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 41 Resp: 54848

Ion	Ratio	Lower	Upper
41	100		
69	87.0	75.6	113.4
39	58.6	41.3	61.9





#49
1,4-Dioxane
Concen: 1003.514 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

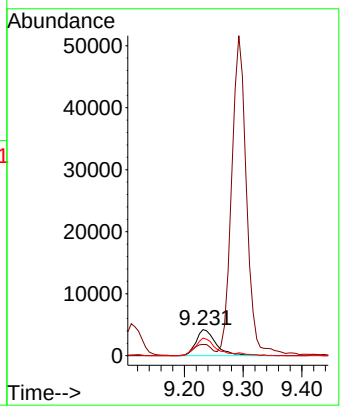
Tgt Ion: 88 Resp: 1003

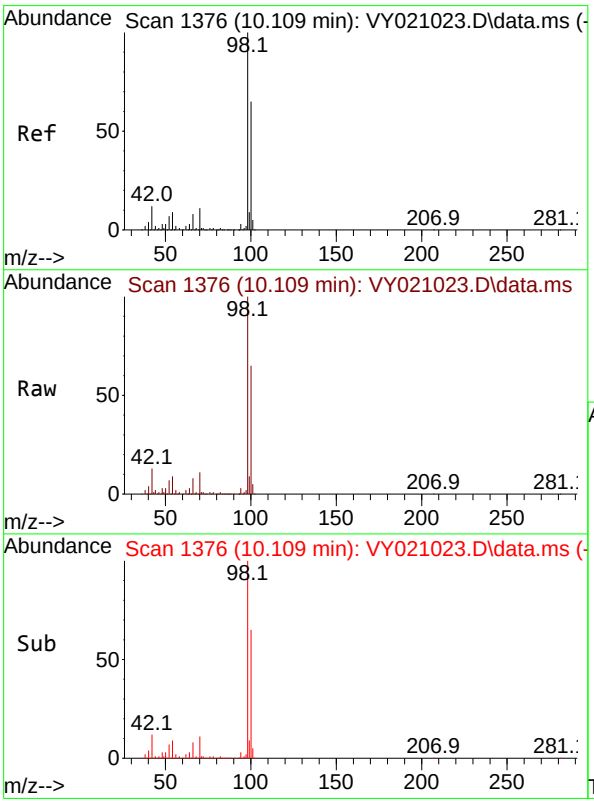
Ion	Ratio	Lower	Upper
88	100		
43	40.4	24.2	36.4
58	67.0	57.3	85.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

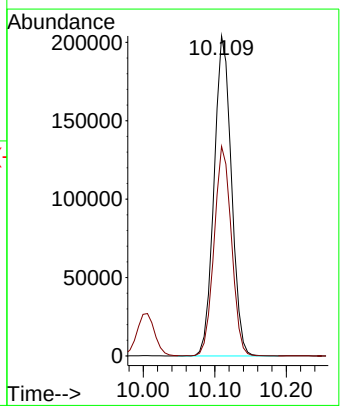


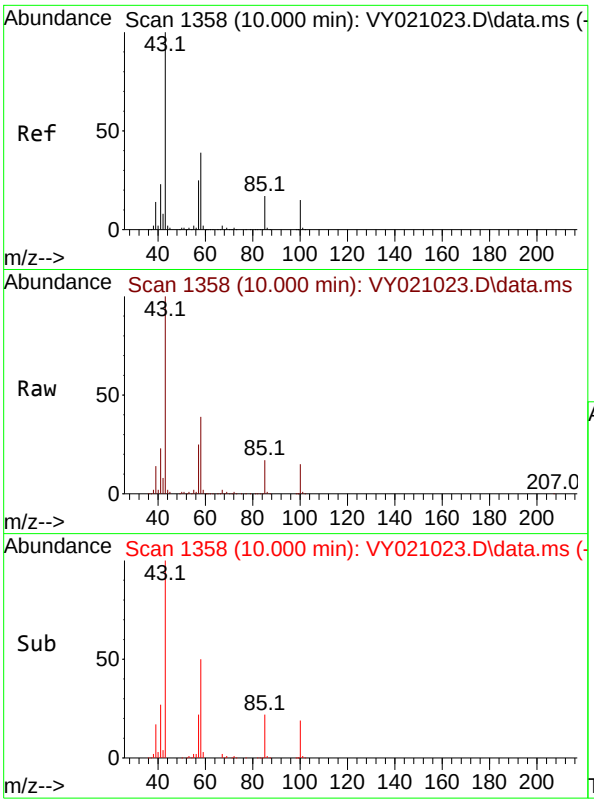


#50
Toluene-d8
Concen: 51.243 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 98 Resp: 343592

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.6	79.0





#51
4-Methyl-2-Pentanone
Concen: 329.038 ug/l
RT: 10.000 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 43 Resp: 30861

Ion	Ratio	Lower	Upper
43	100		
58	39.0	33.8	50.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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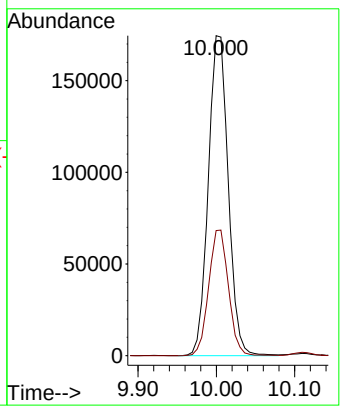
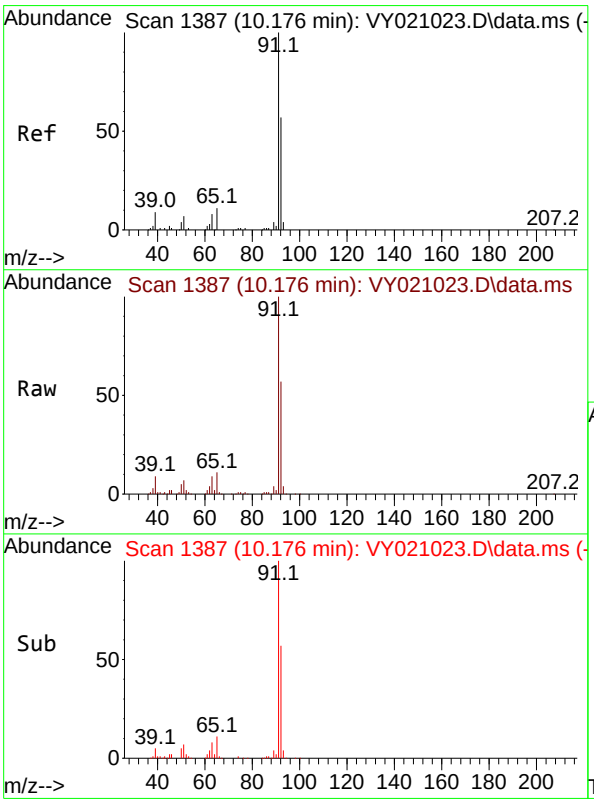
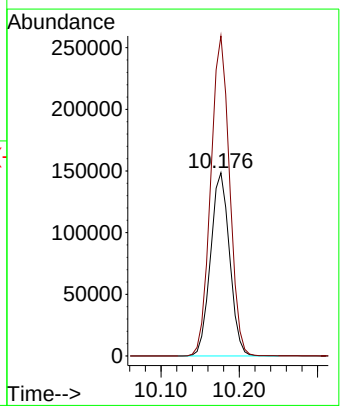


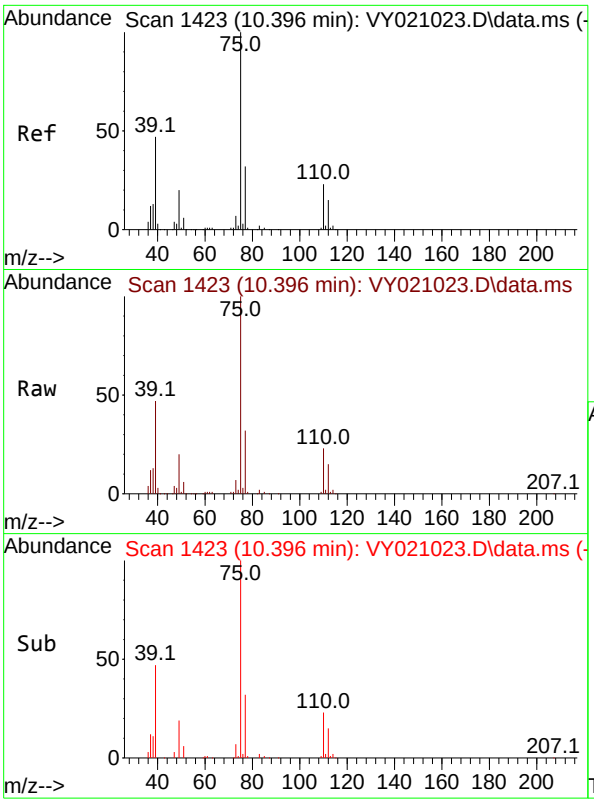


#52
Toluene
Concen: 53.469 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 92 Resp: 250280

Ion	Ratio	Lower	Upper
92	100		
91	173.3	135.8	203.8





#53
t-1,3-Dichloropropene
Concen: 57.403 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 75 Resp: 12831

Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.9	38.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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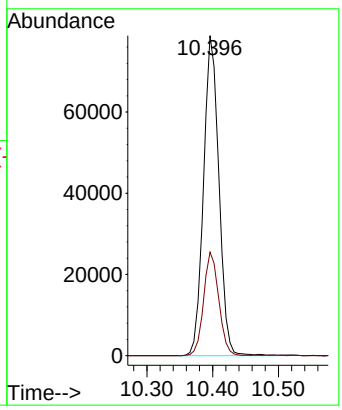
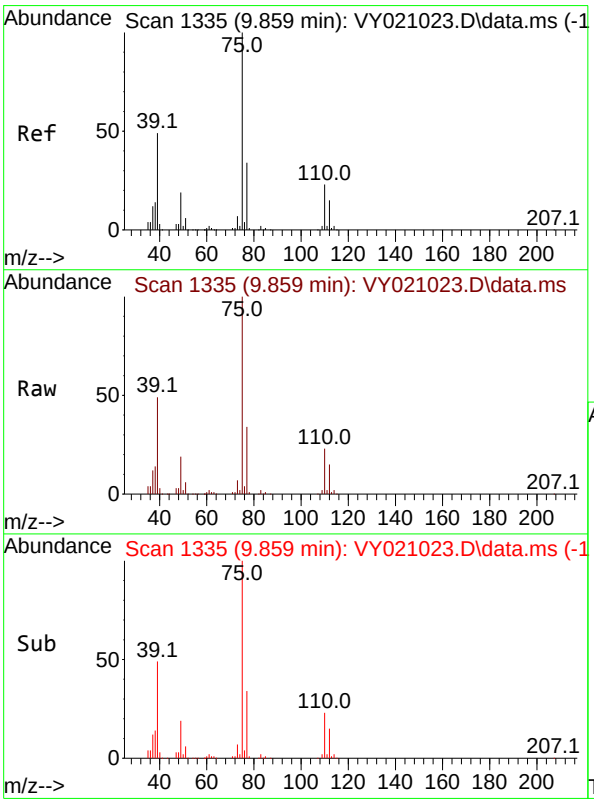
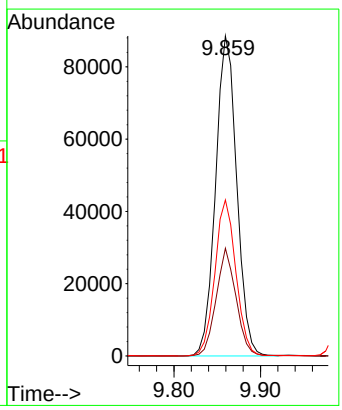


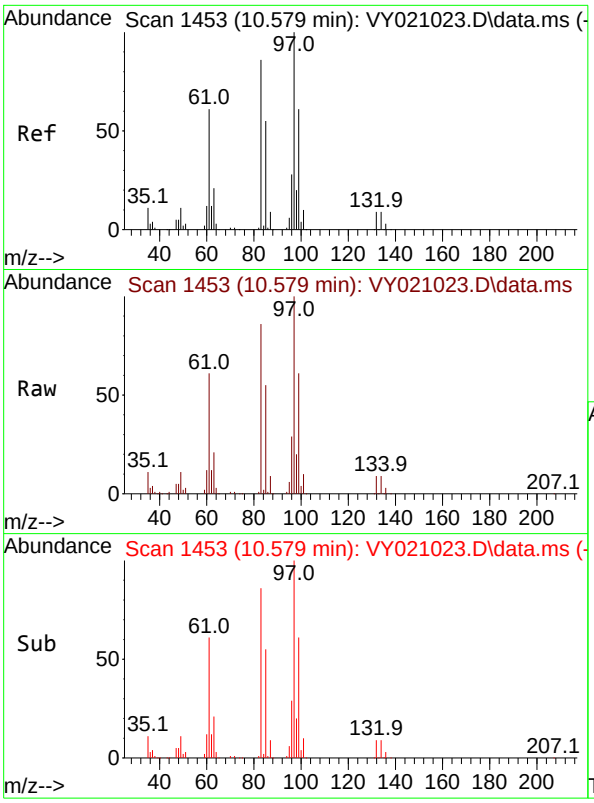


#54
cis-1,3-Dichloropropene
Concen: 56.133 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 75 Resp: 149965

Ion	Ratio	Lower	Upper
75	100		
77	33.7	25.4	38.0
39	48.7	32.2	48.2#

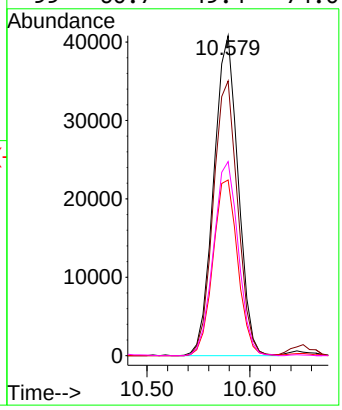




#55
1,1,2-Trichloroethane
Concen: 53.761 ug/l
RT: 10.579 min Scan# 14
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 97 Resp: 6724

Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.7	101.5
85	54.9	43.4	65.2
99	60.7	49.4	74.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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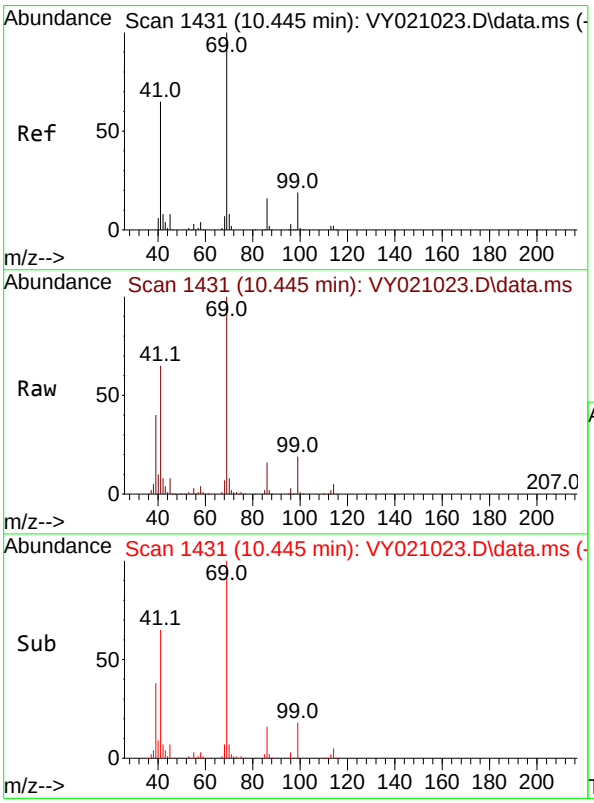
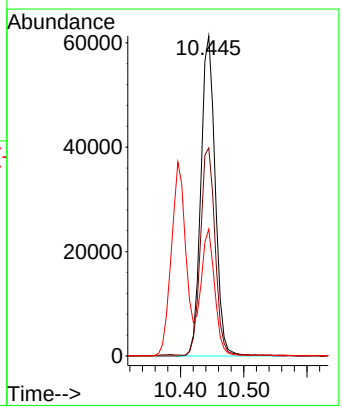
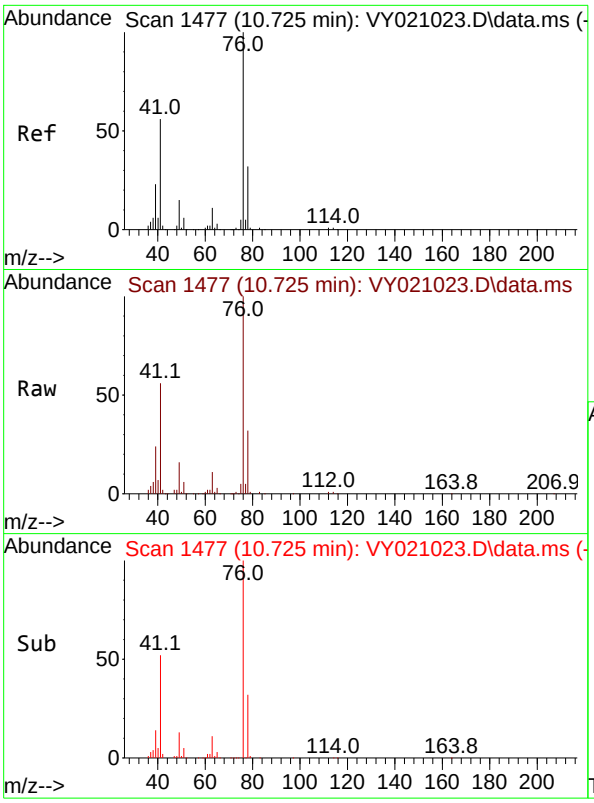


#56
Ethyl methacrylate
Concen: 59.067 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 69 Resp: 96579

Ion	Ratio	Lower	Upper
69	100		
41	65.9	46.3	69.5
39	38.2	24.5	36.7#

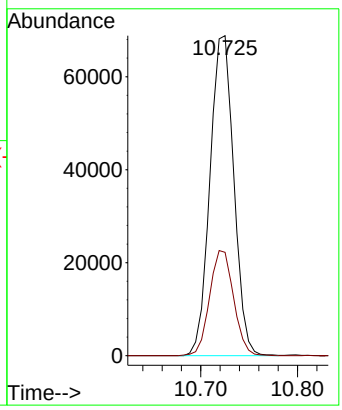




#57
1,3-Dichloropropane
Concen: 55.483 ug/l
RT: 10.725 min Scan# 14
Delta R.T. 0.007 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 76 Resp: 11763

Ion	Ratio	Lower	Upper
76	100		
78	33.1	25.8	38.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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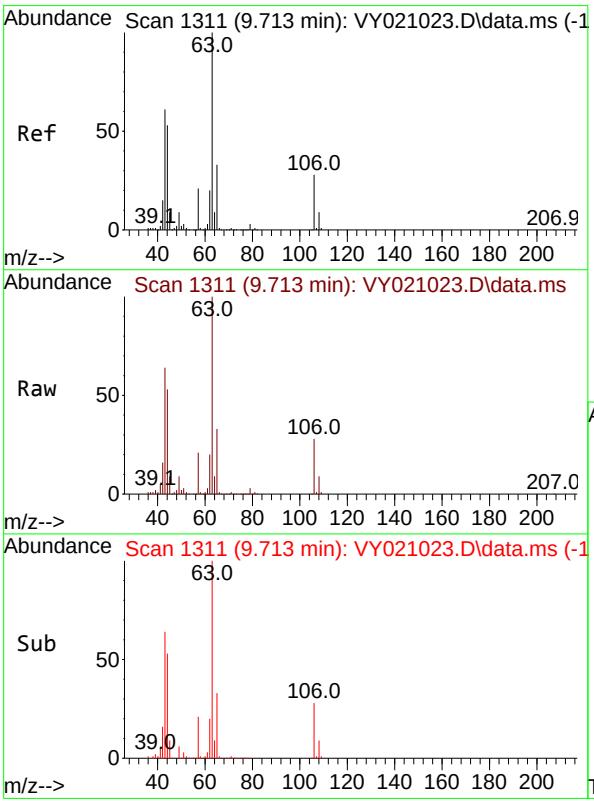
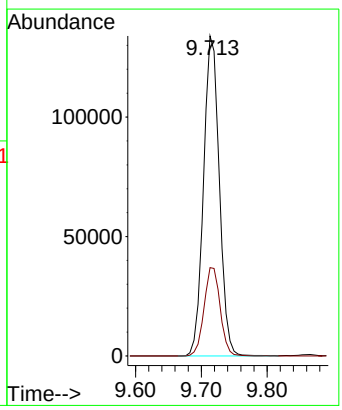
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

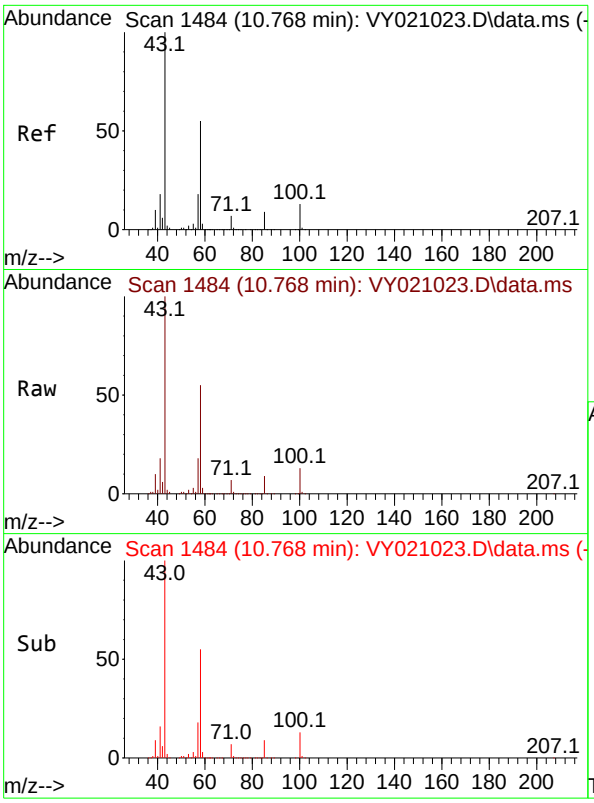


#58
2-Chloroethyl Vinyl ether
Concen: 322.966 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 63 Resp: 224134

Ion	Ratio	Lower	Upper
63	100		
106	28.1	24.7	37.1





#59
2-Hexanone
Concen: 336.612 ug/l
RT: 10.768 min Scan# 14
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 43 Resp: 20521

Ion	Ratio	Lower	Upper
43	100		
58	53.8	29.8	89.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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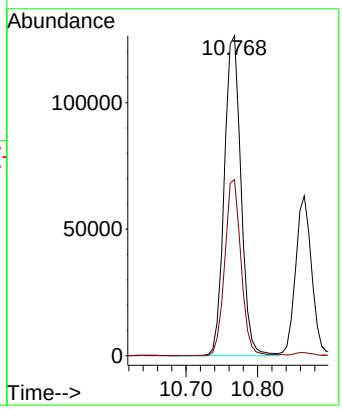
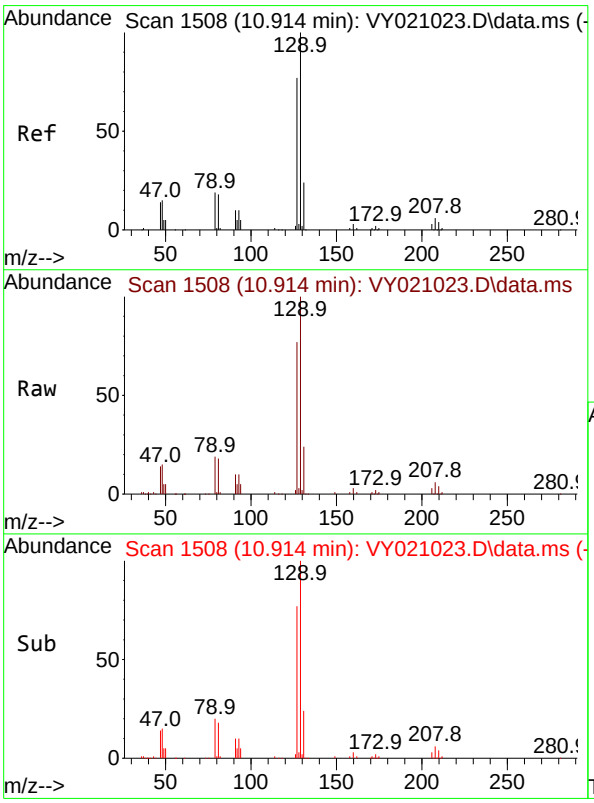
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

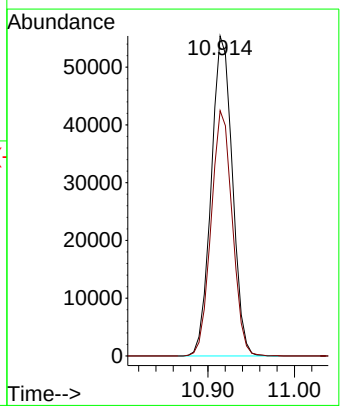


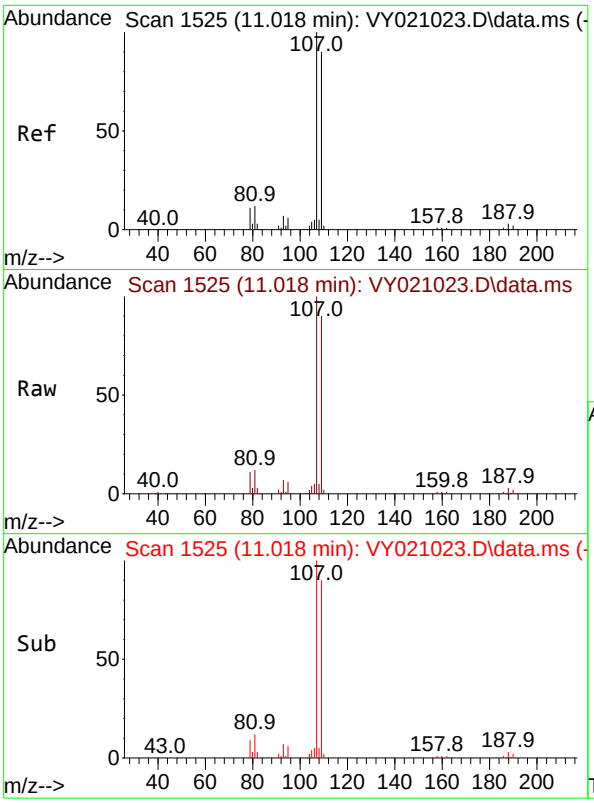


#60
Dibromochloromethane
Concen: 52.680 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:129 Resp: 93957

Ion	Ratio	Lower	Upper
129	100		
127	76.6	38.5	115.3

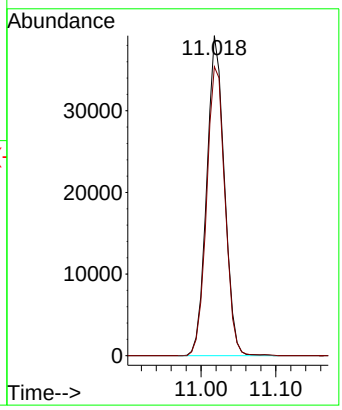




#61
1,2-Dibromoethane
Concen: 53.845 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:107 Resp: 6433

Ion	Ratio	Lower	Upper
107	100		
109	93.7	76.6	114.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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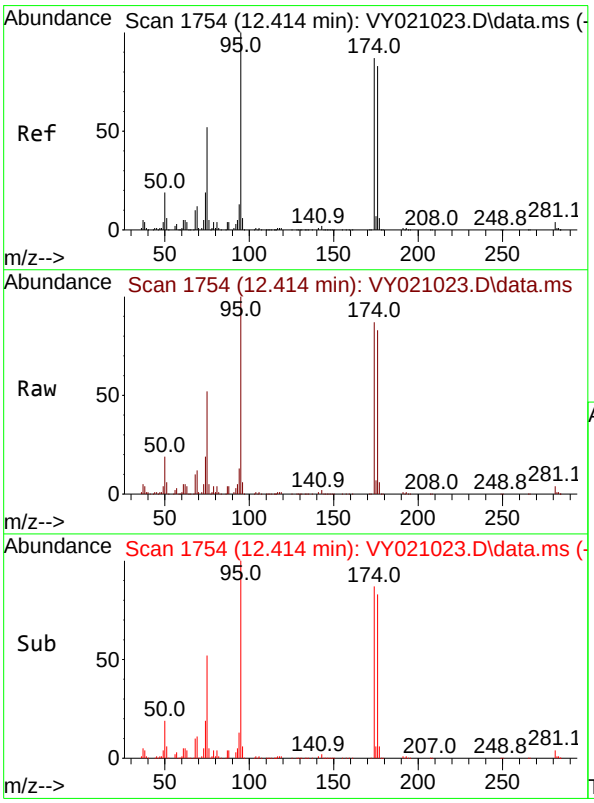
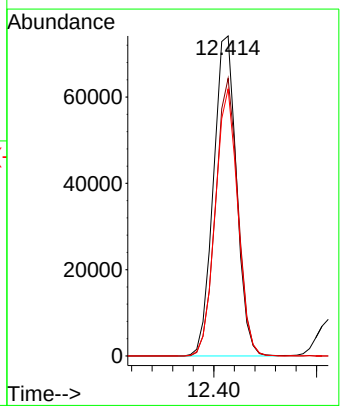
Supervised By :Semsettin Yesilyurt 02/04/2025

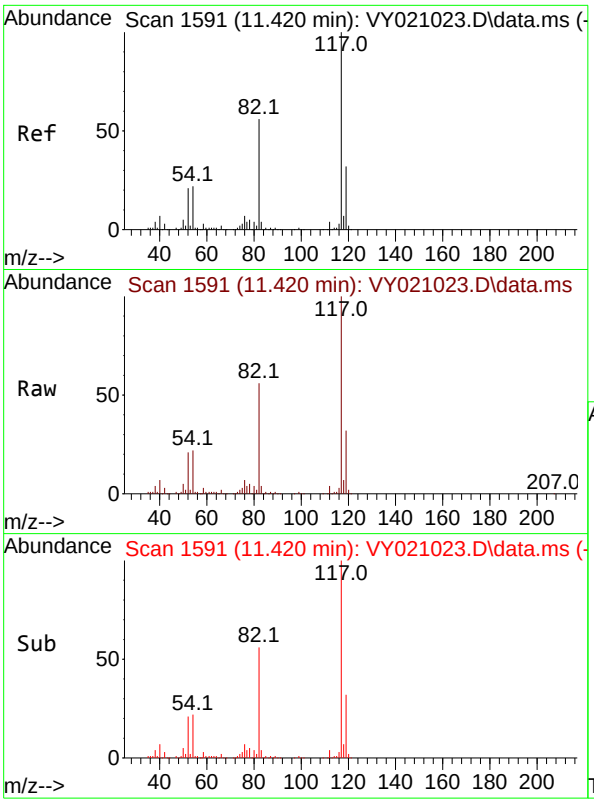


#62
4-Bromofluorobenzene
Concen: 51.200 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.007 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 95 Resp: 115197

Ion	Ratio	Lower	Upper
95	100		
174	84.2	0.0	181.2
176	81.5	0.0	175.2

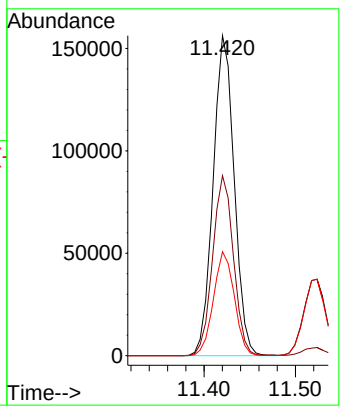




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:117 Resp: 25015

Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.2	66.2
119	32.5	25.9	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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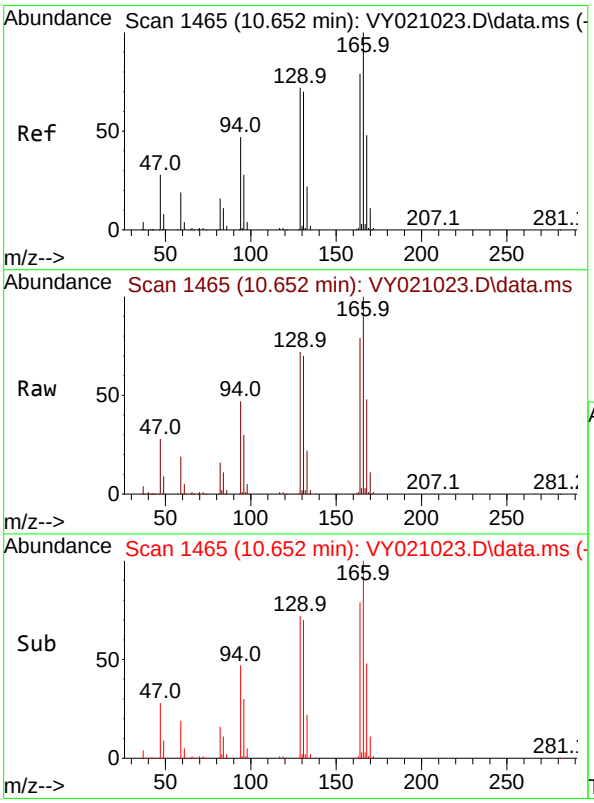
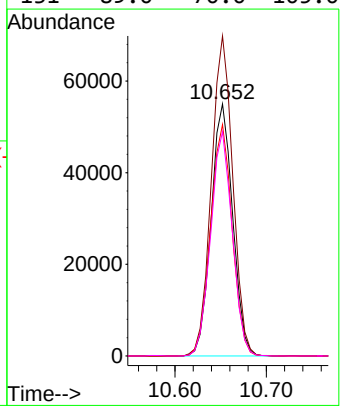
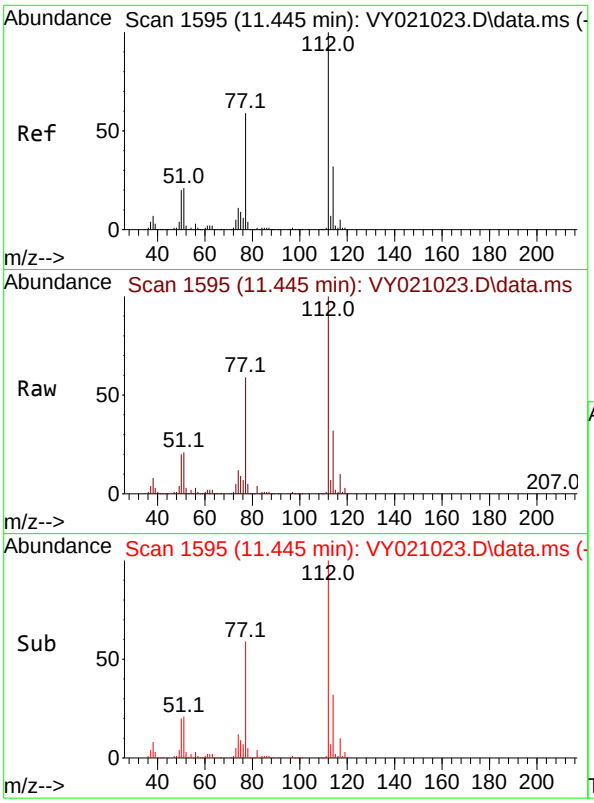


#64
Tetrachloroethene
Concen: 47.817 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:164 Resp: 90228

Ion	Ratio	Lower	Upper
164	100		
166	127.0	100.4	150.6
129	91.8	70.8	106.2
131	89.0	70.0	105.0

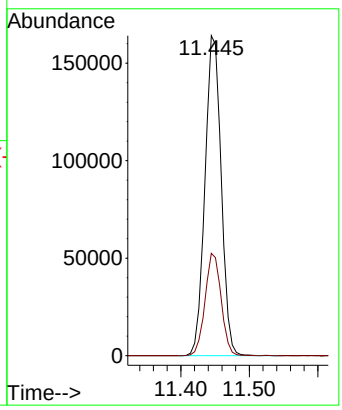




#65
Chlorobenzene
Concen: 51.263 ug/l
RT: 11.445 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:112 Resp: 27017

Ion	Ratio	Lower	Upper
112	100		
114	32.0	24.6	37.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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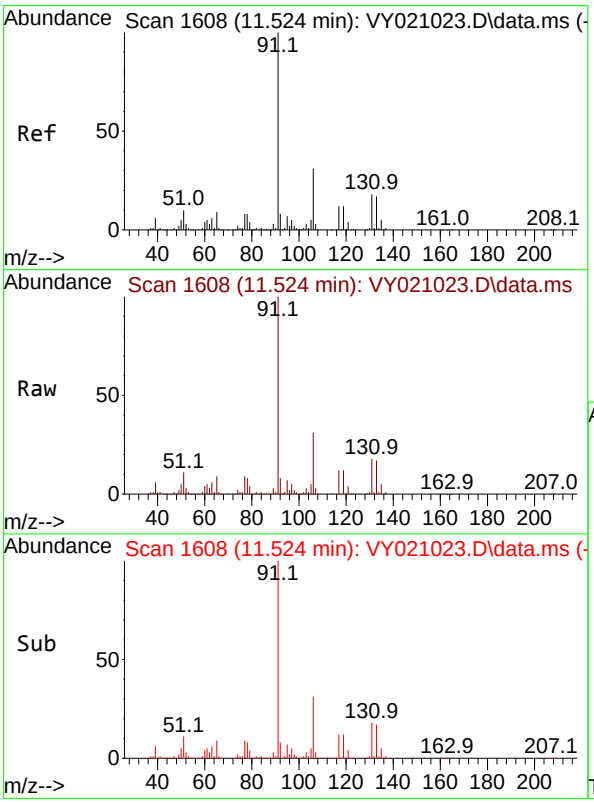
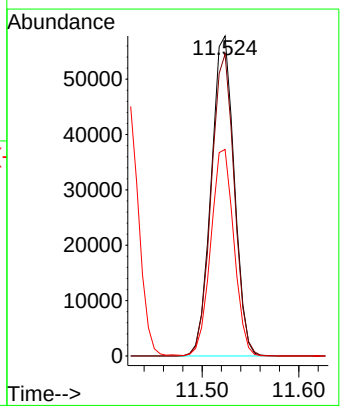
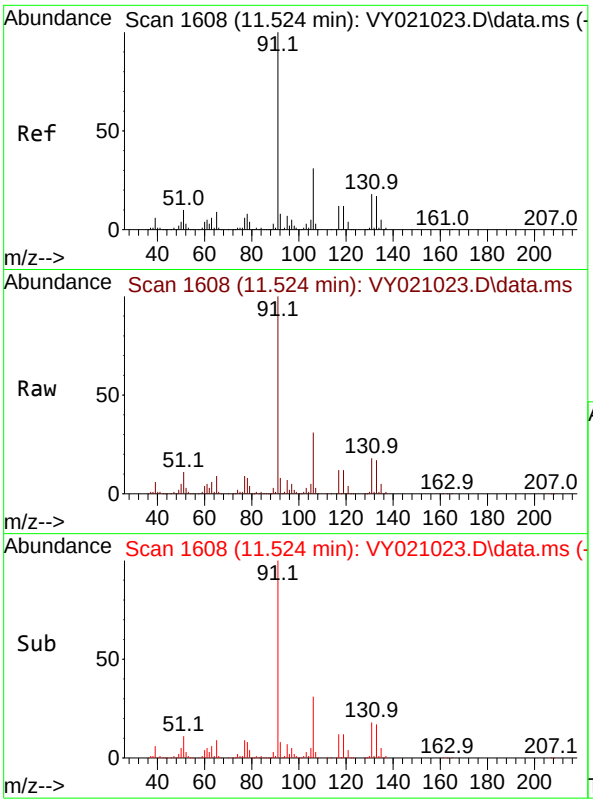


#66
1,1,1,2-Tetrachloroethane
Concen: 51.137 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:131 Resp: 95653

Ion	Ratio	Lower	Upper
131	100		
133	94.4	48.7	146.1
119	64.7	31.4	94.3

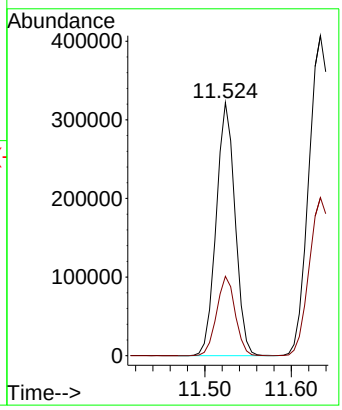




#67
Ethyl Benzene
Concen: 53.265 ug/l
RT: 11.524 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 91 Resp: 48605

Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.9	37.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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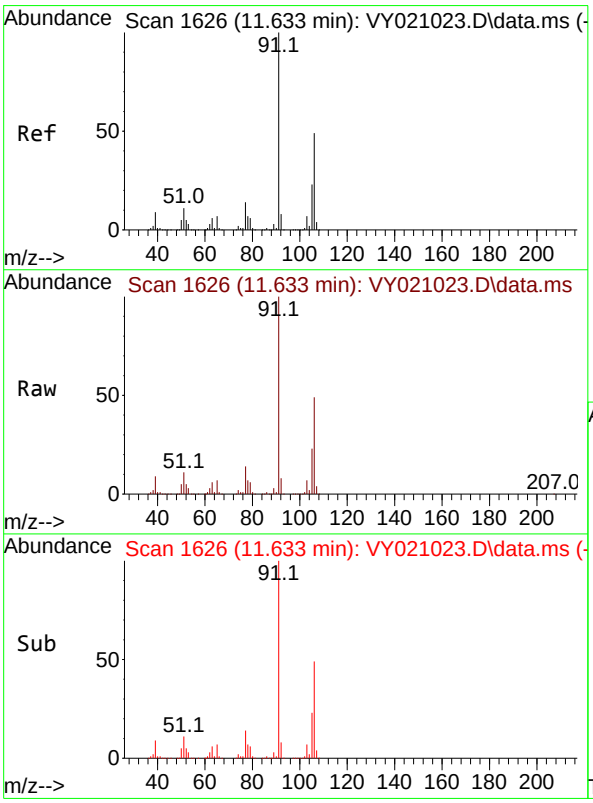
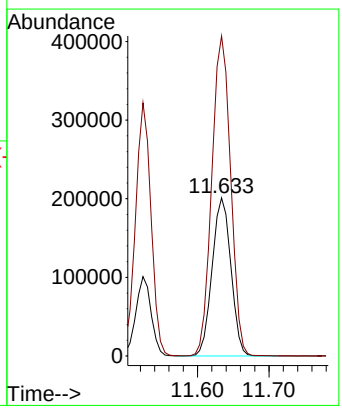
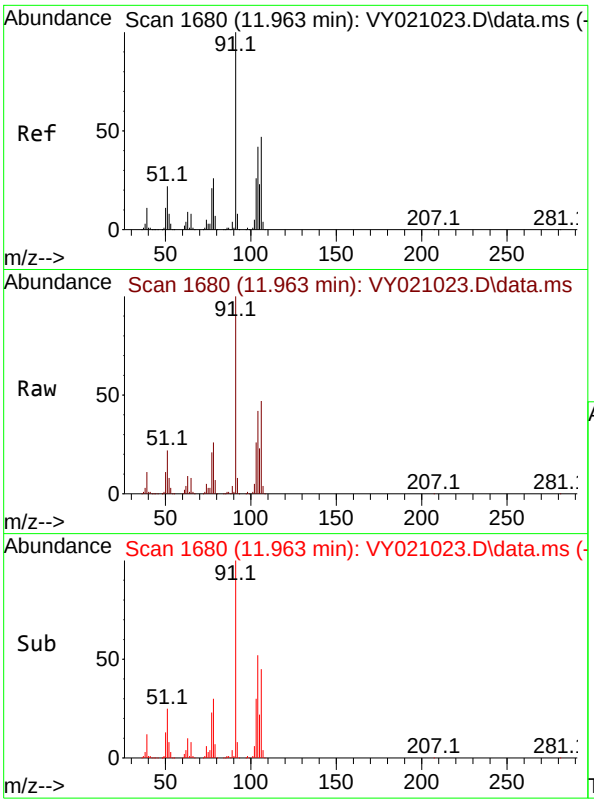


#68
m/p-Xylenes
Concen: 104.538 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:106 Resp: 366509

Ion	Ratio	Lower	Upper
106	100		
91	203.4	160.0	240.0

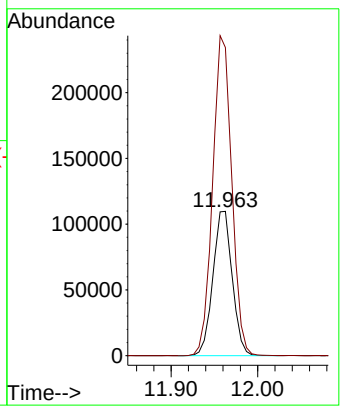




#69
o-Xylene
Concen: 52.229 ug/l
RT: 11.963 min Scan# 1
Delta R.T. 0.007 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:106 Resp: 17022

Ion	Ratio	Lower	Upper
106	100		
91	218.8	105.8	317.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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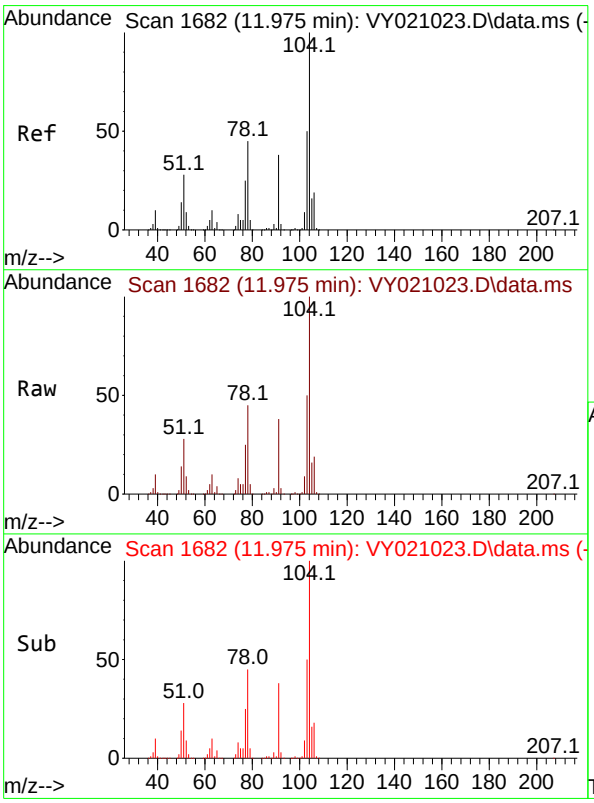
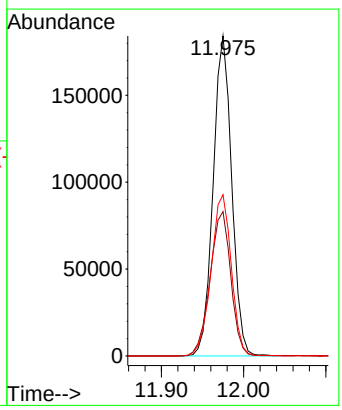
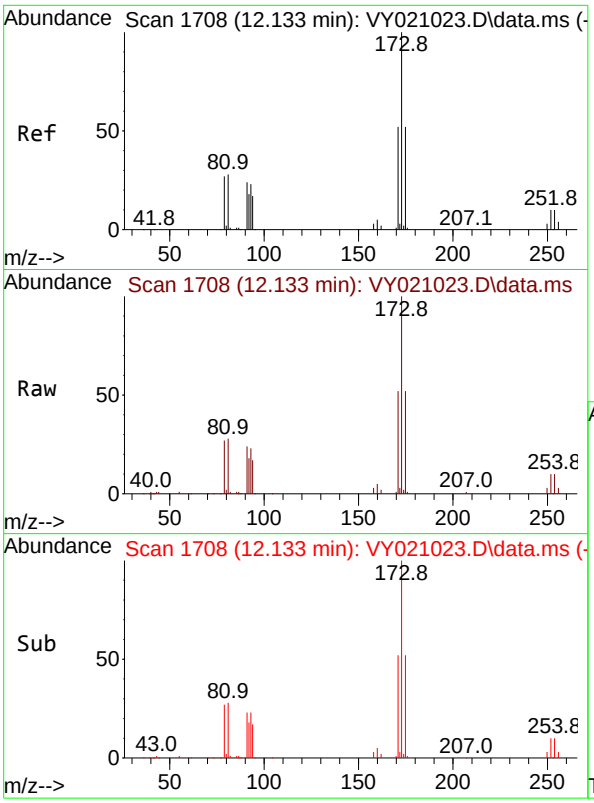


#70
Styrene
Concen: 53.426 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:104 Resp: 289102

Ion	Ratio	Lower	Upper
104	100		
78	50.6	39.0	58.4
103	55.0	43.7	65.5

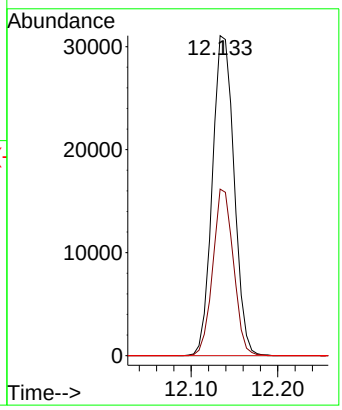




#71
Bromoform
Concen: 49.101 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:173 Resp: 5413

Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.1	72.2
254	0.0	0.0	0.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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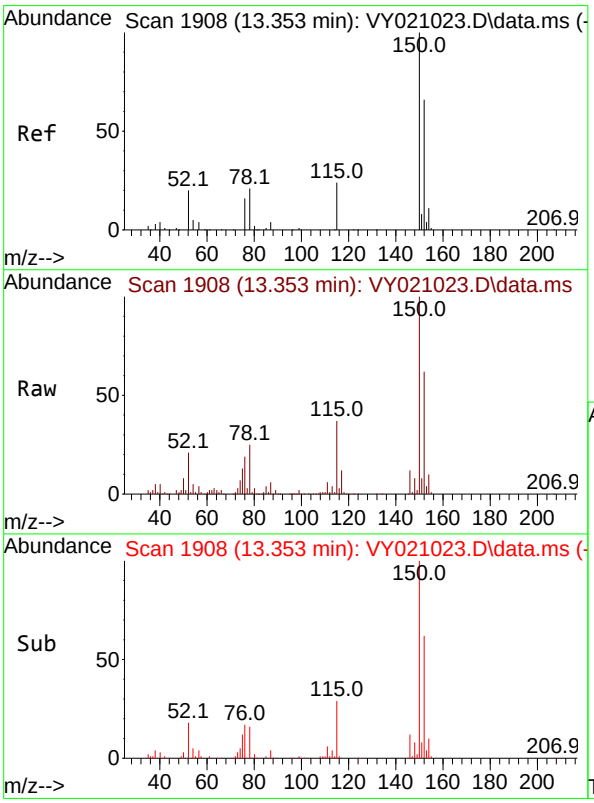
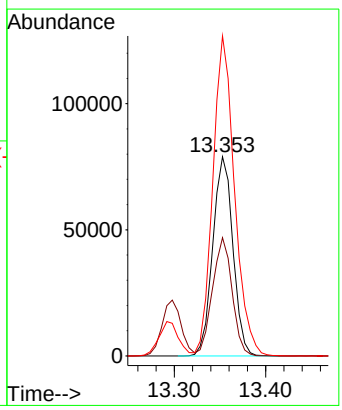
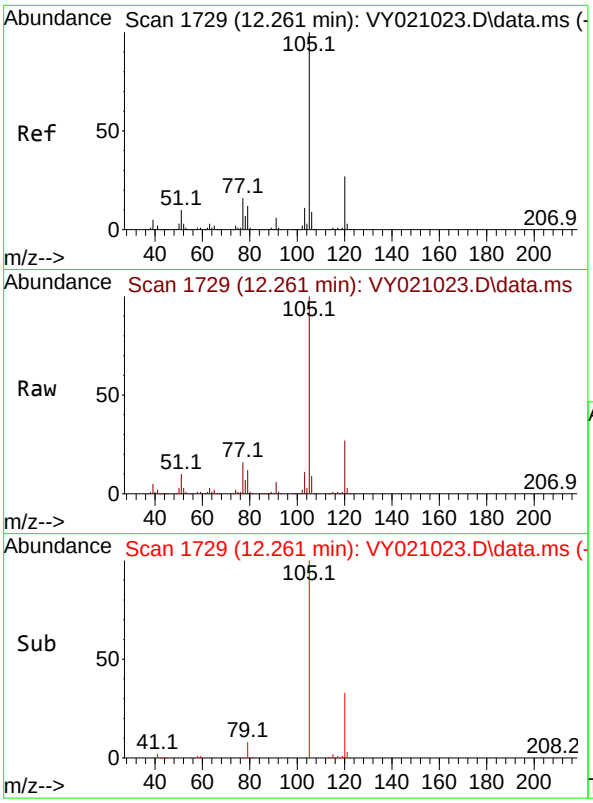


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:152 Resp: 121069

Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.4	85.2
150	172.6	0.0	342.8

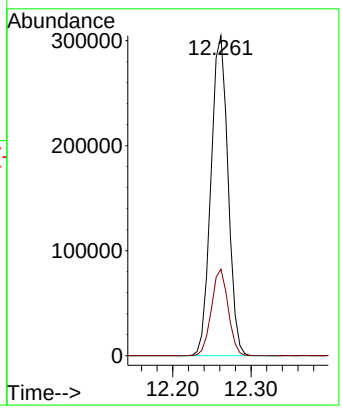




#73
Isopropylbenzene
Concen: 54.240 ug/l
RT: 12.261 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:105 Resp: 46119

Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.4	40.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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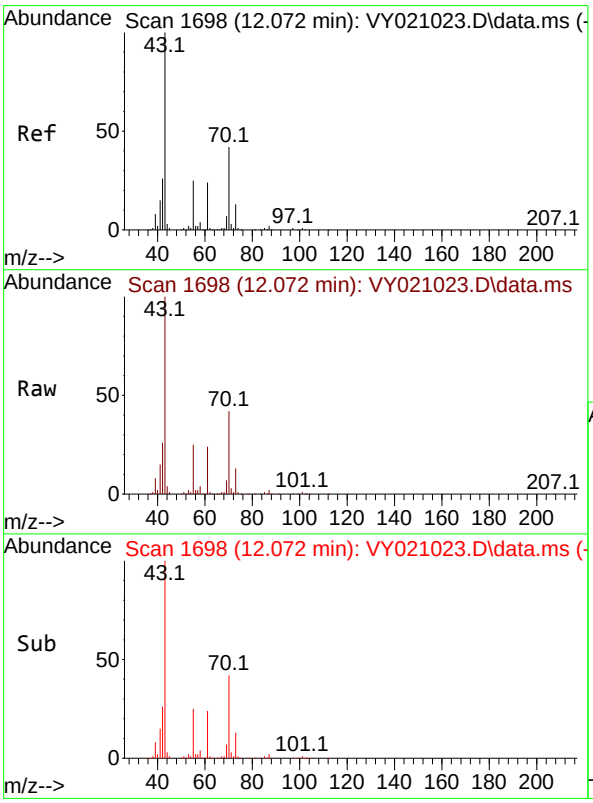
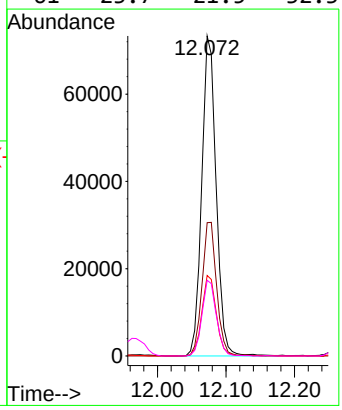
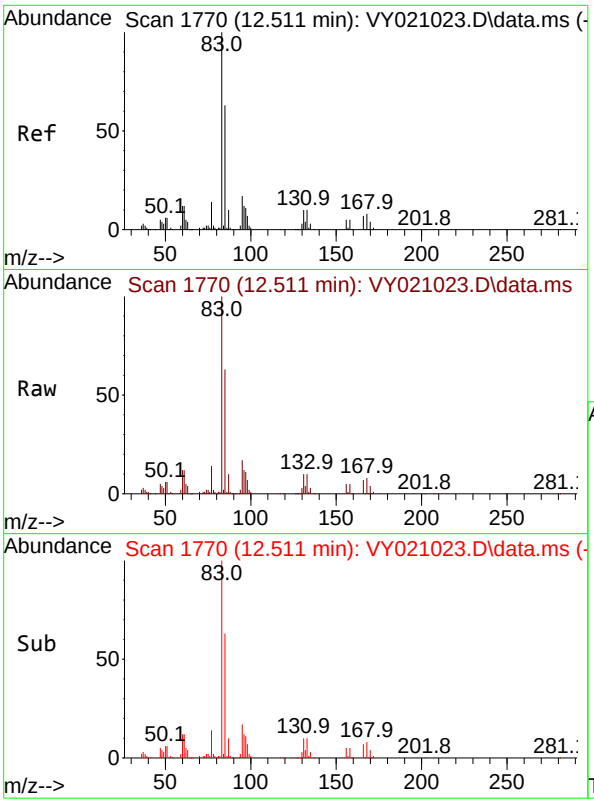


#74
N-amyl acetate
Concen: 69.346 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 43 Resp: 107371

Ion	Ratio	Lower	Upper
43	100		
70	42.3	39.3	58.9
55	25.3	22.3	33.5
61	23.7	21.5	32.3

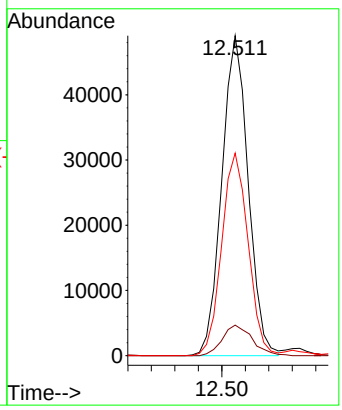




#75
1,1,2,2-Tetrachloroethane
Concen: 55.736 ug/l
RT: 12.511 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 83 Resp: 7650

Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.7	17.1
85	63.4	31.9	95.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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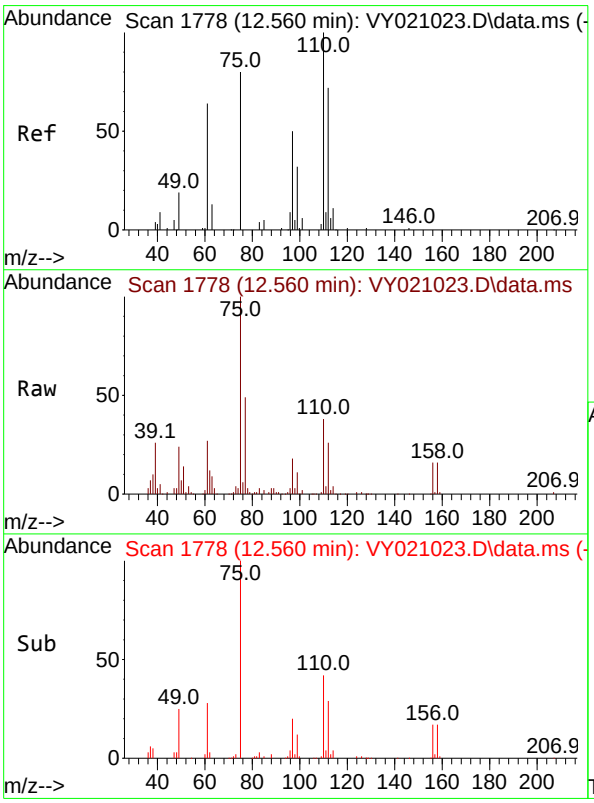
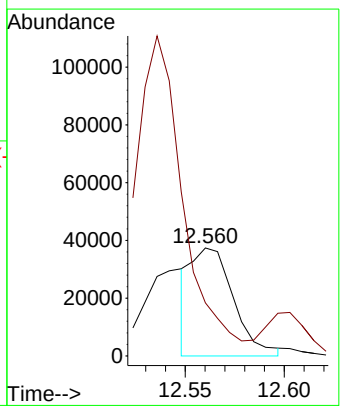
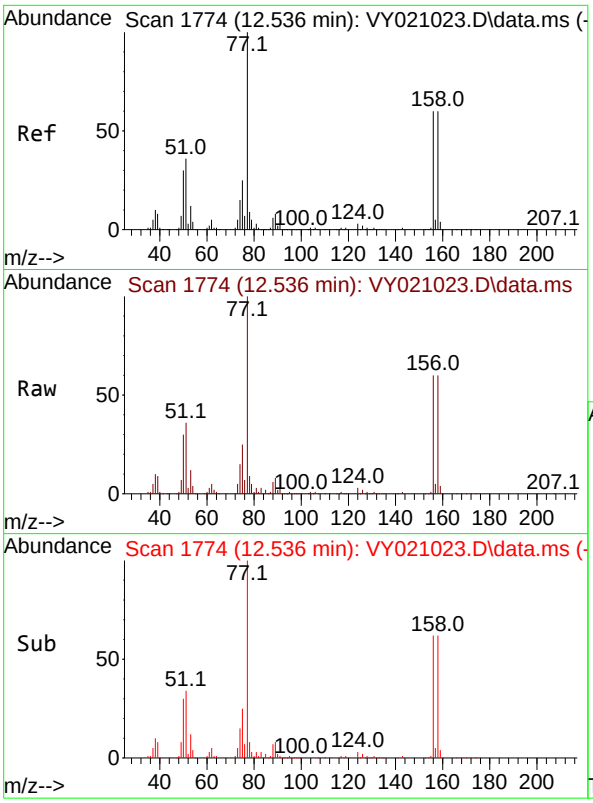


#76
1,2,3-Trichloropropane
Concen: 58.330 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 75 Resp: 55904

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

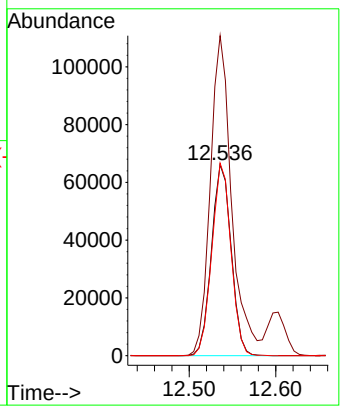




#77
Bromobenzene
Concen: 51.889 ug/l
RT: 12.536 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:156 Resp: 10460

Ion	Ratio	Lower	Upper
156	100		
77	180.1	83.3	249.9
158	97.9	48.3	144.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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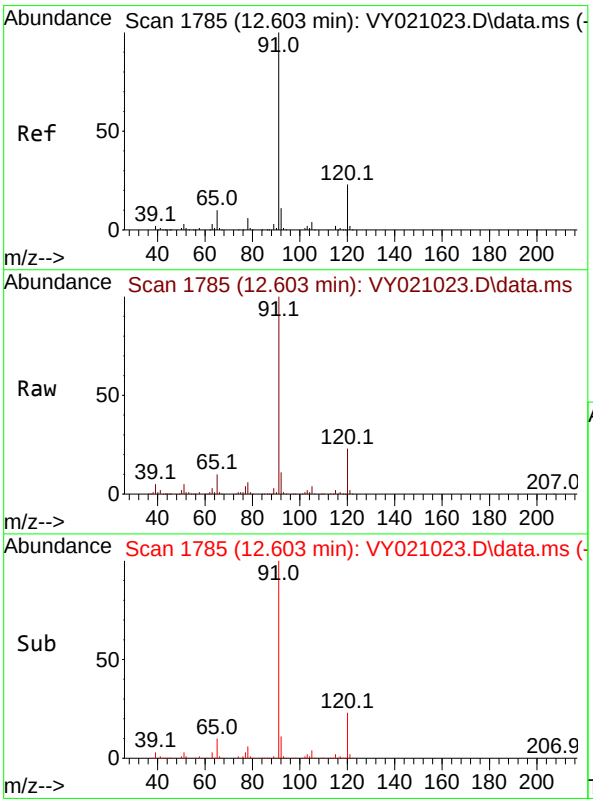
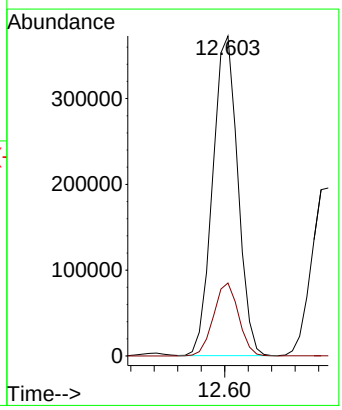
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

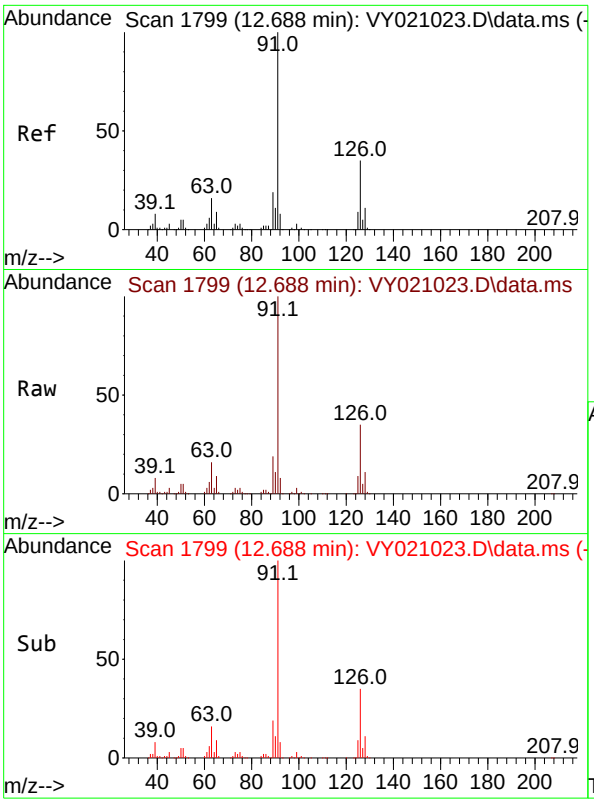


#78
n-propylbenzene
Concen: 55.653 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 91 Resp: 554600

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.8	35.4

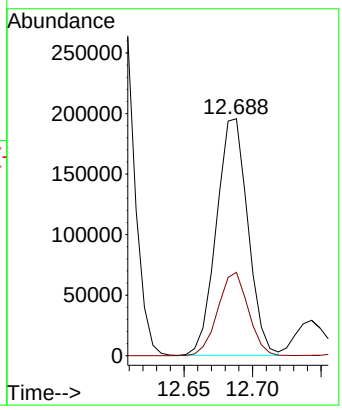




#79
2-Chlorotoluene
Concen: 55.113 ug/l
RT: 12.688 min Scan# 1
Delta R.T. 0.007 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 91 Resp: 31291

Ion	Ratio	Lower	Upper
91	100		
126	34.0	17.3	51.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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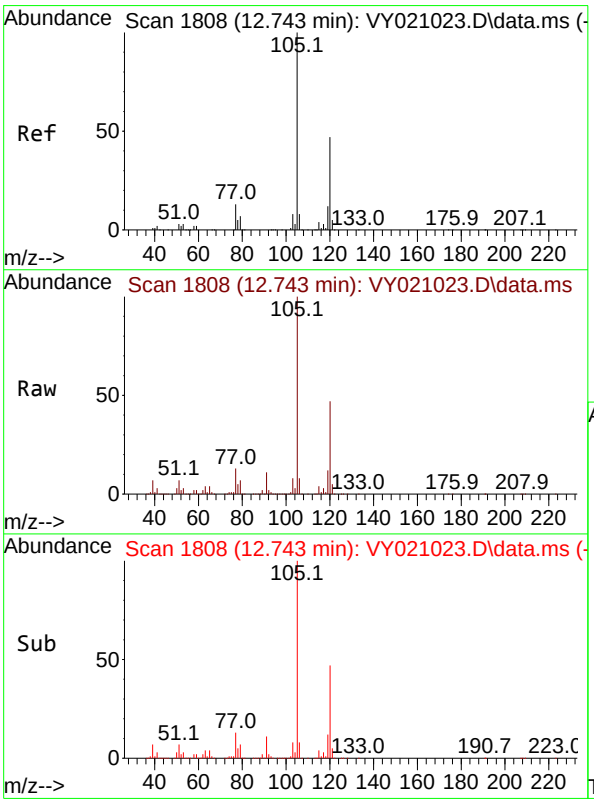
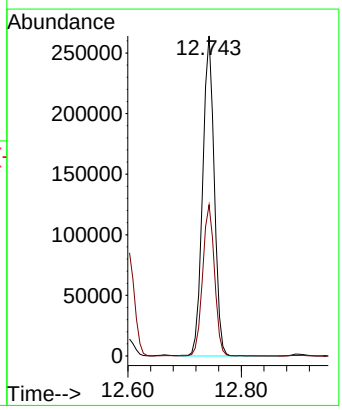
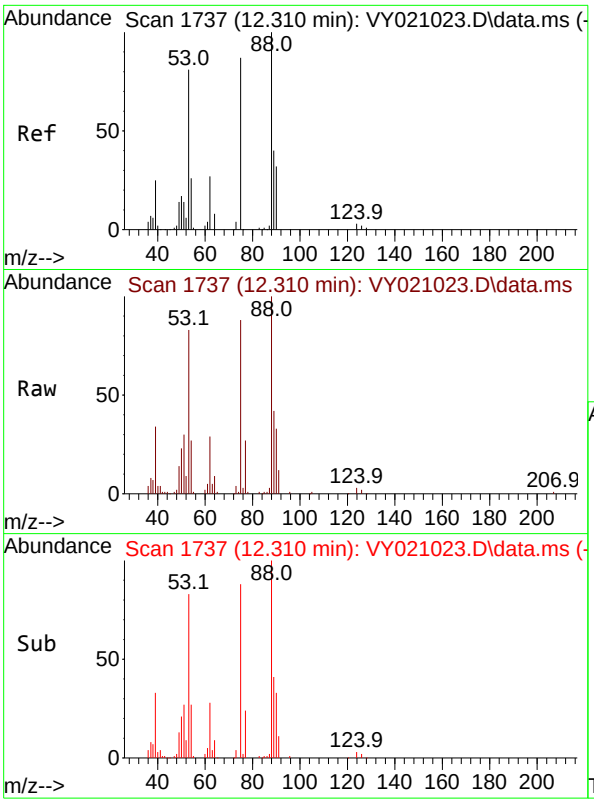


#80
1,3,5-Trimethylbenzene
Concen: 54.032 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:105 Resp: 376397

Ion	Ratio	Lower	Upper
105	100		
120	48.3	24.3	72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 58.386 ug/l
RT: 12.310 min Scan# 1
Delta R.T. 0.007 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 75 Resp: 2695

Ion	Ratio	Lower	Upper
75	100		
53	97.9	68.6	103.0
89	47.7	38.1	57.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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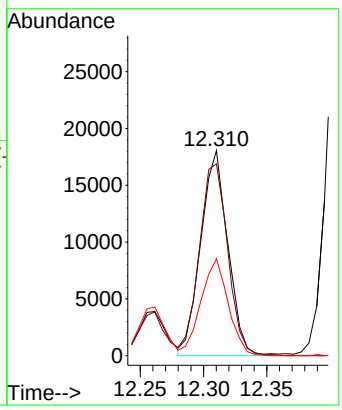
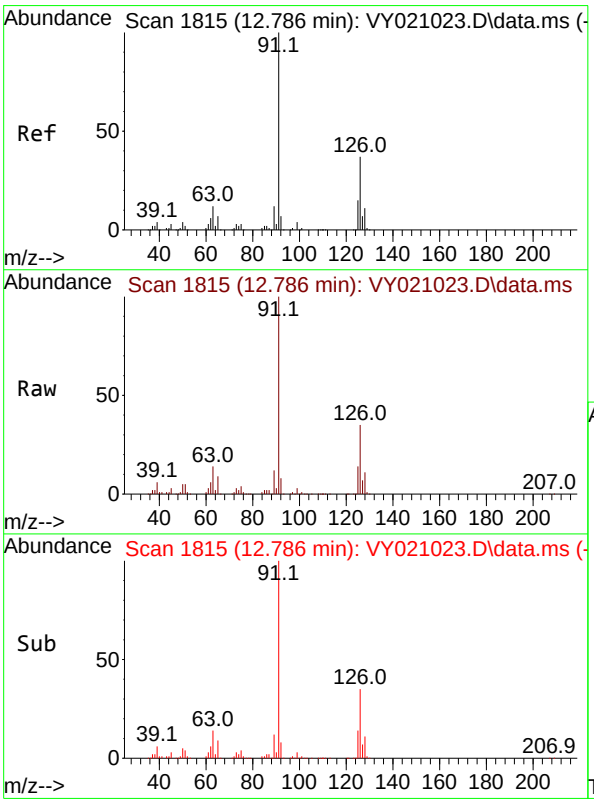
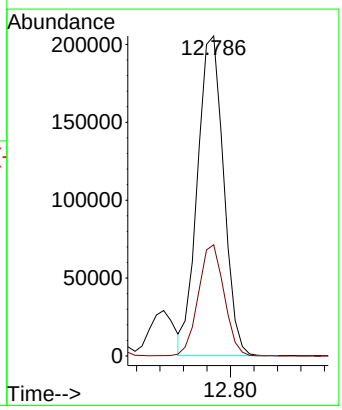


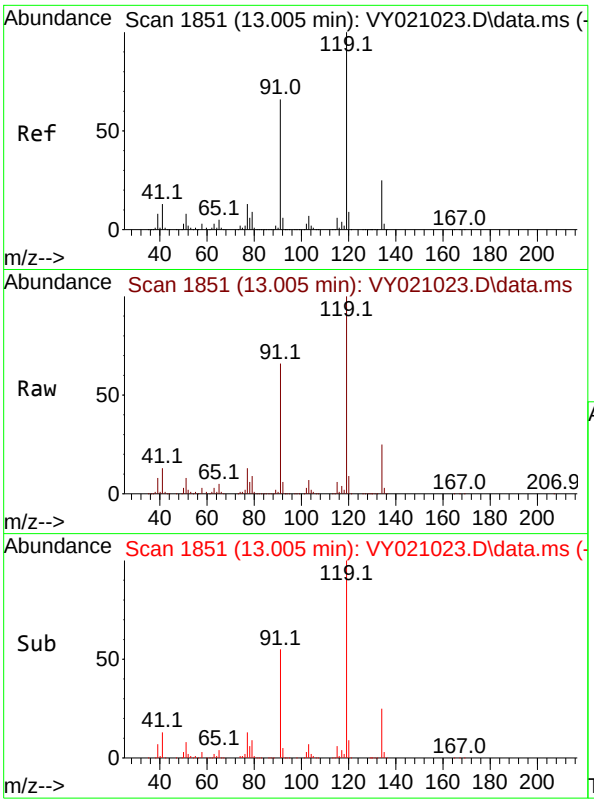


#82
4-Chlorotoluene
Concen: 54.527 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.007 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 91 Resp: 316855

Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.3	52.0

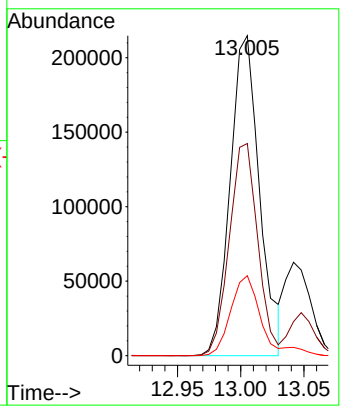




#83
tert-Butylbenzene
Concen: 53.757 ug/l
RT: 13.005 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:119 Resp: 34731

Ion	Ratio	Lower	Upper
119	100		
91	64.3	31.4	94.0
134	26.1	13.1	39.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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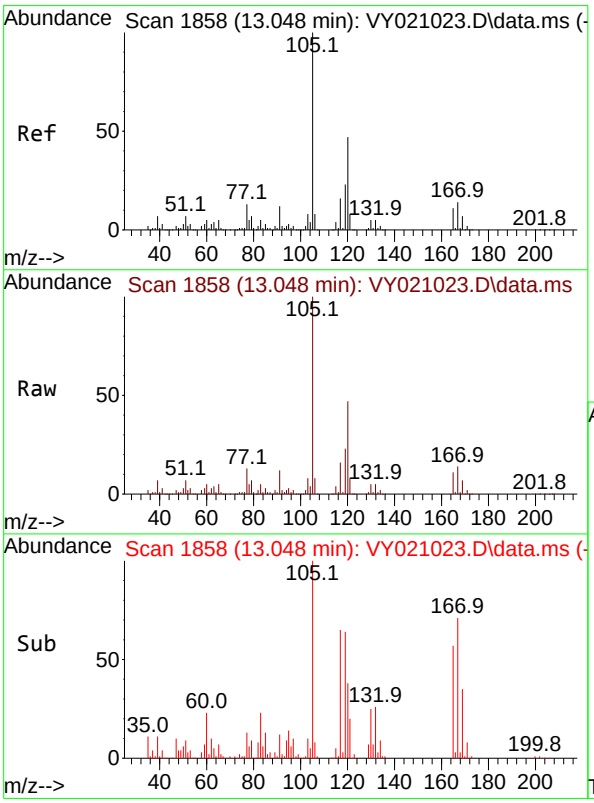
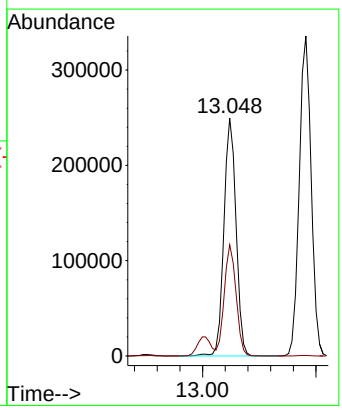
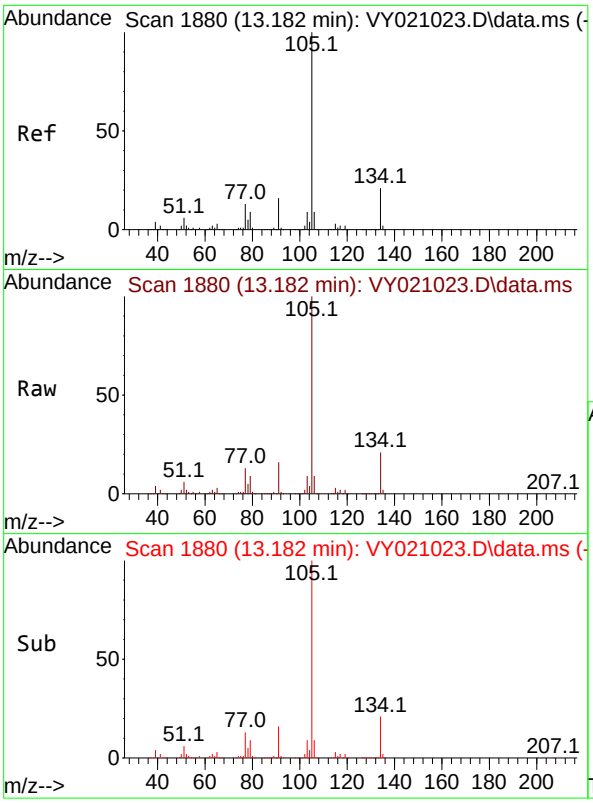


#84
1,2,4-Trimethylbenzene
Concen: 54.433 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:105 Resp: 370408

Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.7	68.0

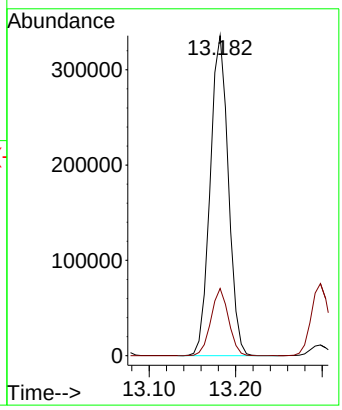




#85
sec-Butylbenzene
Concen: 53.440 ug/l
RT: 13.182 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:105 Resp: 48882

Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.3	30.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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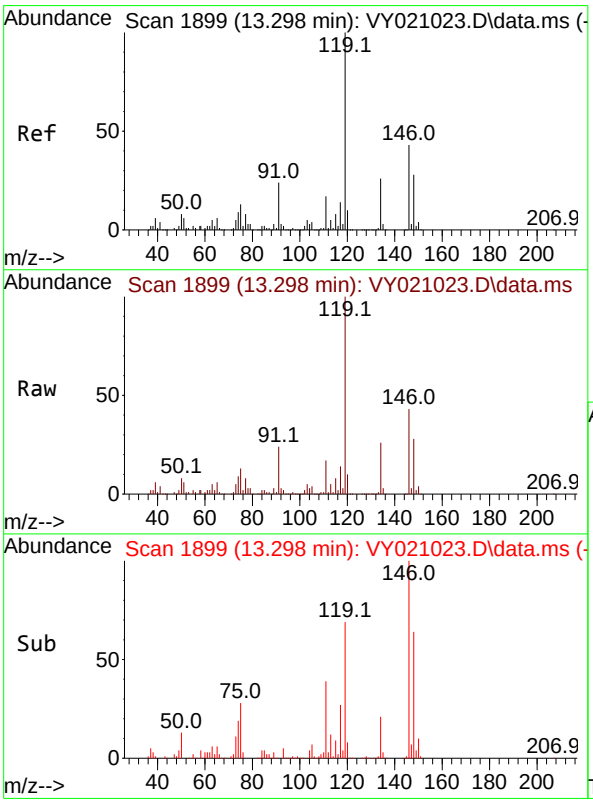
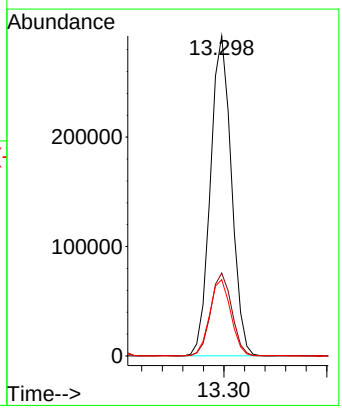
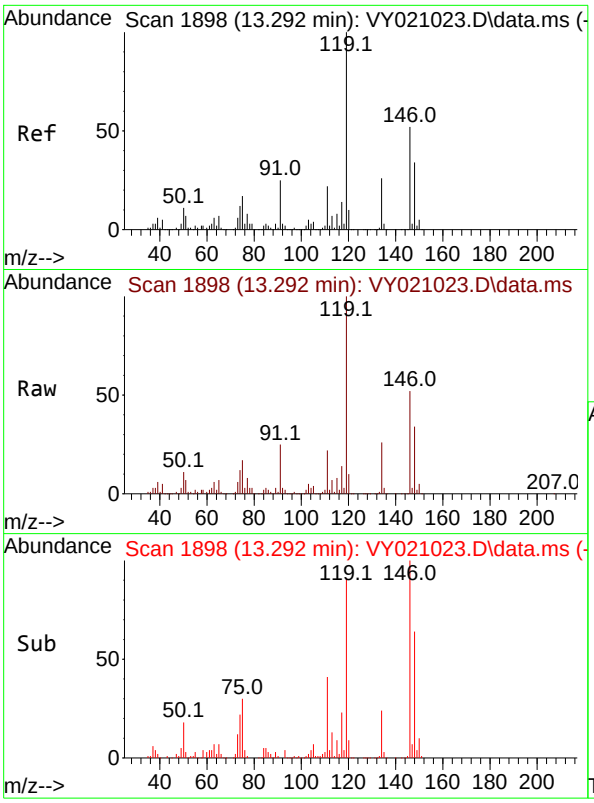


#86
p-Isopropyltoluene
Concen: 53.878 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:119 Resp: 414156

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.3
91	24.1	11.5	34.5

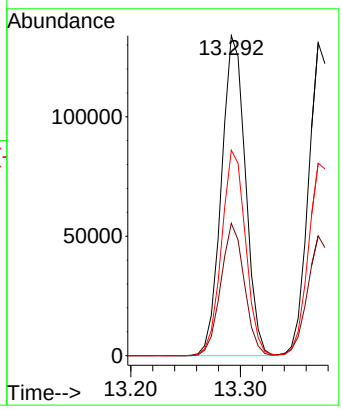




#87
1,3-Dichlorobenzene
Concen: 51.839 ug/l
RT: 13.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:146 Resp: 20376

Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.7	59.1
148	64.2	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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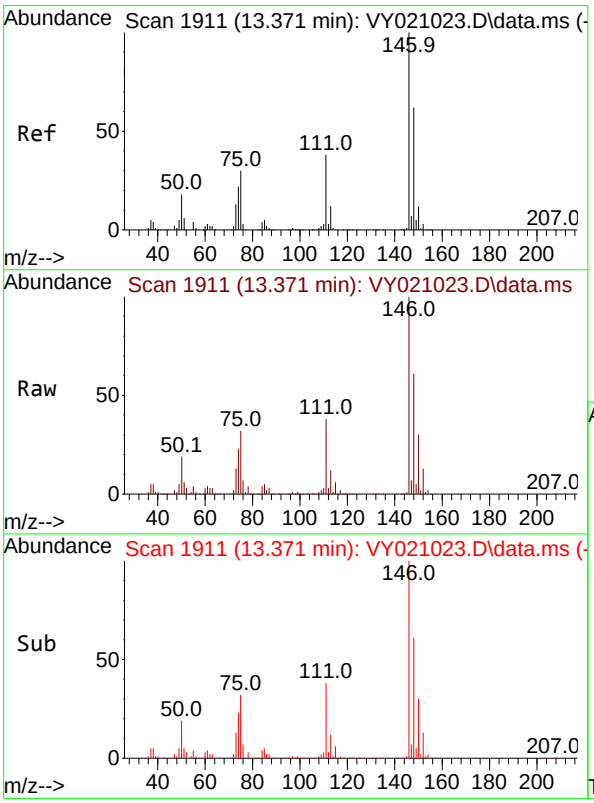
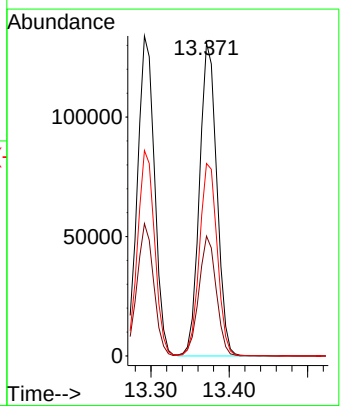
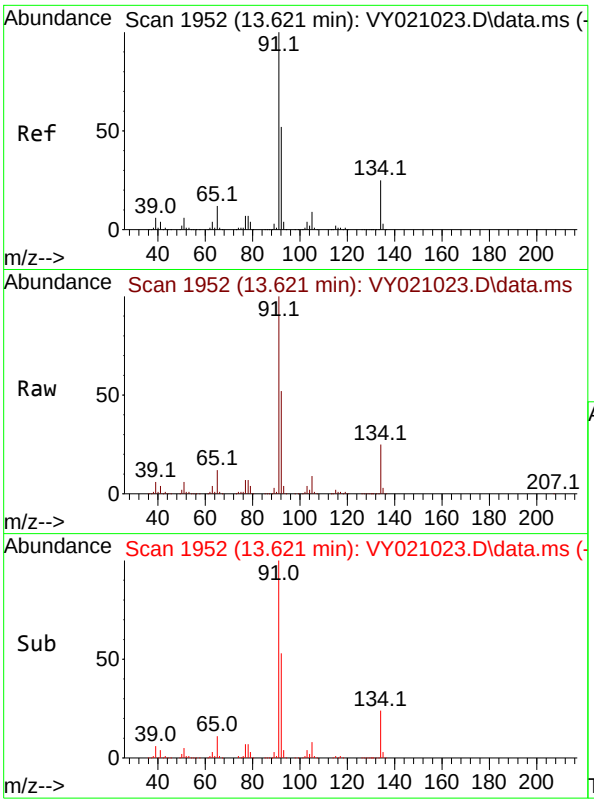


#88
1,4-Dichlorobenzene
Concen: 51.631 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:146 Resp: 201529

Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.0	57.0
148	63.1	31.6	95.0

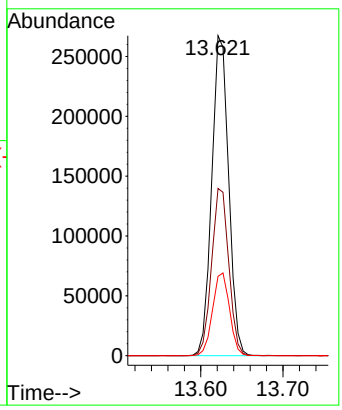




#89
n-Butylbenzene
Concen: 55.439 ug/l
RT: 13.621 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 91 Resp: 38170

Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.7	80.1
134	26.1	13.7	41.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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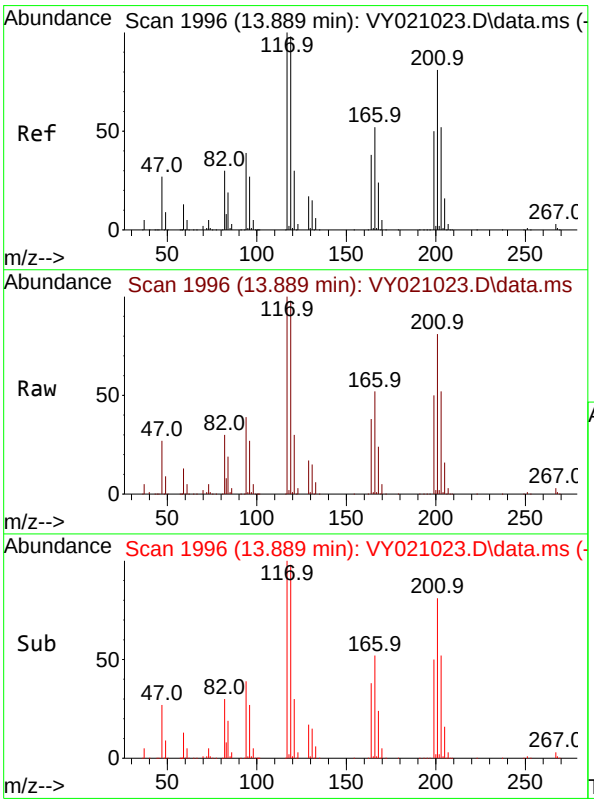
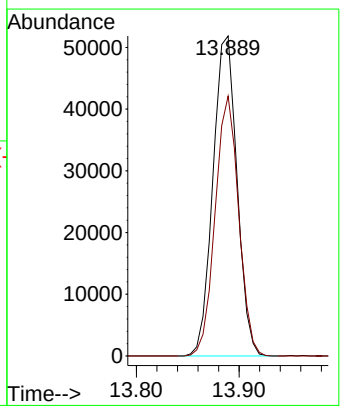
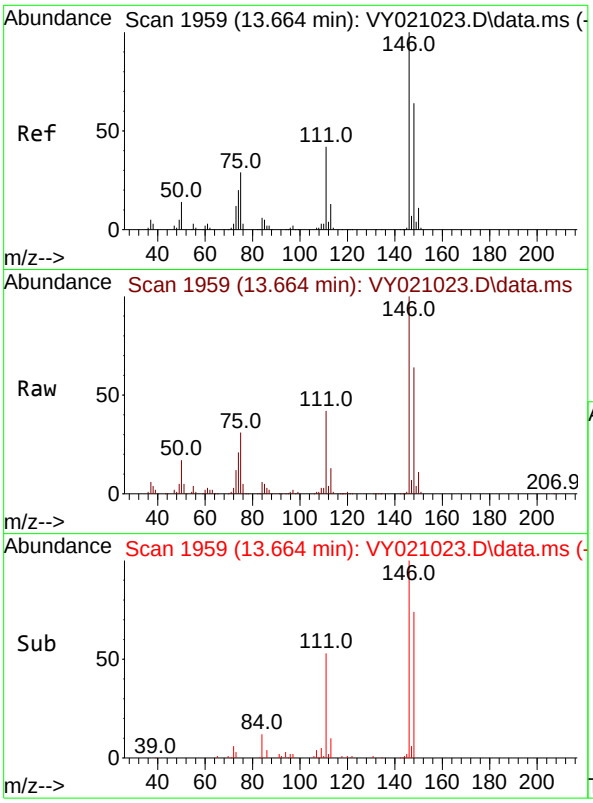


#90
Hexachloroethane
Concen: 54.167 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.007 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:117 Resp: 84237

Ion	Ratio	Lower	Upper
117	100		
201	79.2	42.5	127.5

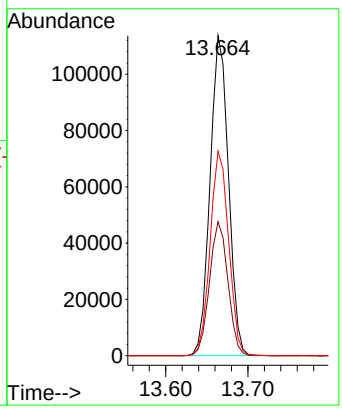




#91
1,2-Dichlorobenzene
Concen: 51.554 ug/l
RT: 13.664 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:146 Resp: 17671

Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.3	60.8
148	64.4	32.2	96.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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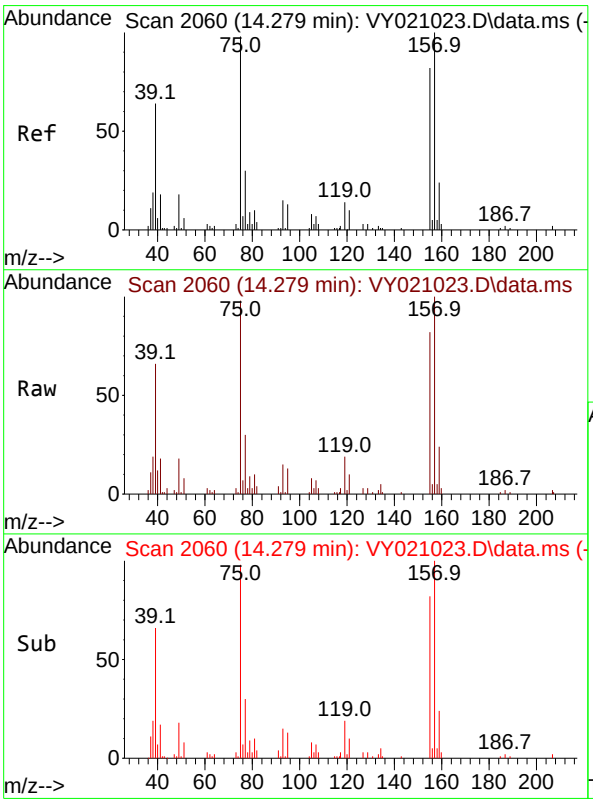
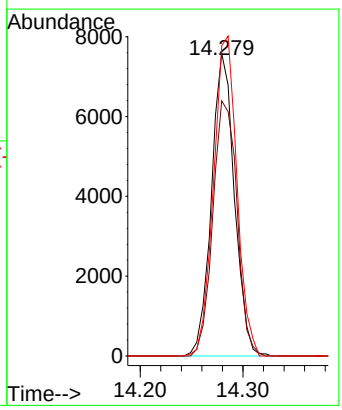
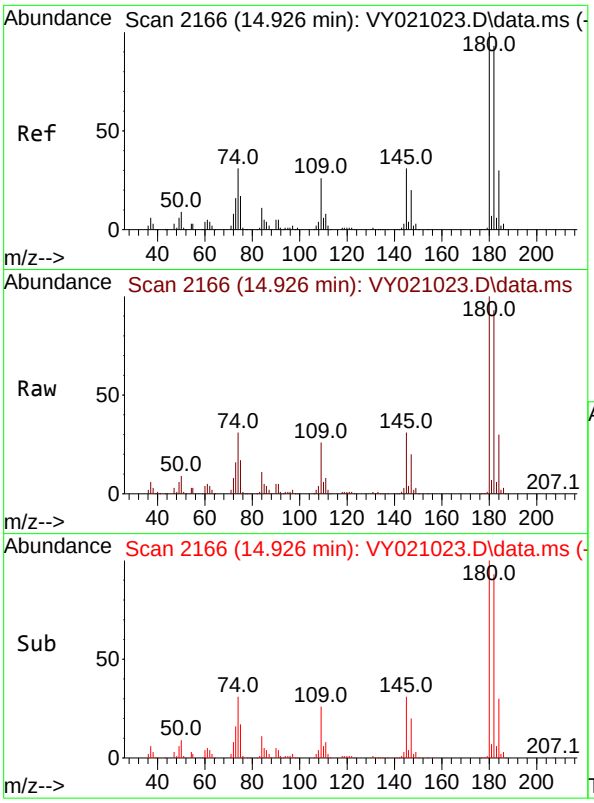


#92
1,2-Dibromo-3-Chloropropane
Concen: 55.445 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 75 Resp: 11716

Ion	Ratio	Lower	Upper
75	100		
155	88.6	45.9	137.6
157	107.6	59.3	177.9

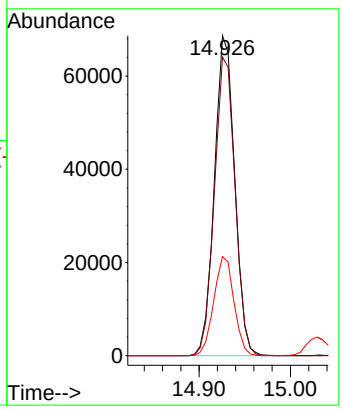




#93
1,2,4-Trichlorobenzene
Concen: 50.473 ug/l
RT: 14.926 min Scan# 21
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:180 Resp: 10593

Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.3	144.8
145	30.8	15.3	45.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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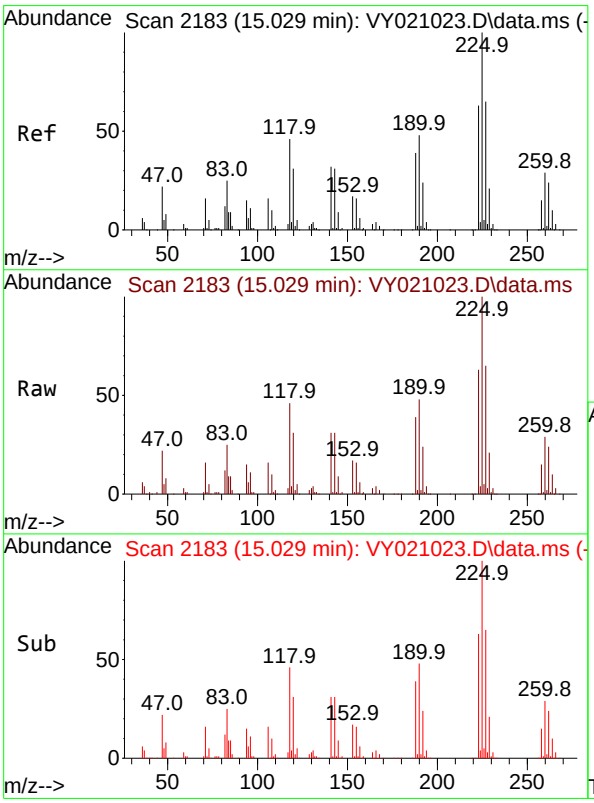
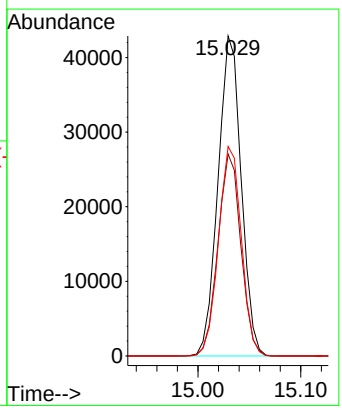
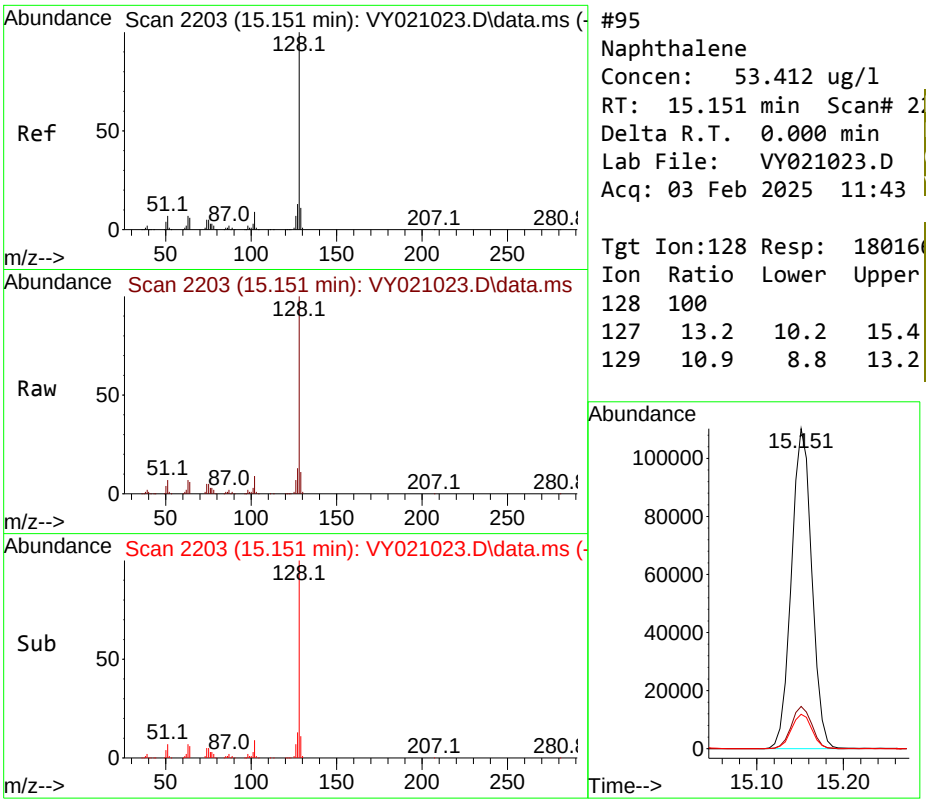


#94
Hexachlorobutadiene
Concen: 46.155 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:225 Resp: 67092

Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.4	94.2
227	64.6	31.8	95.3





#95
Naphthalene
Concen: 53.412 ug/l
RT: 15.151 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

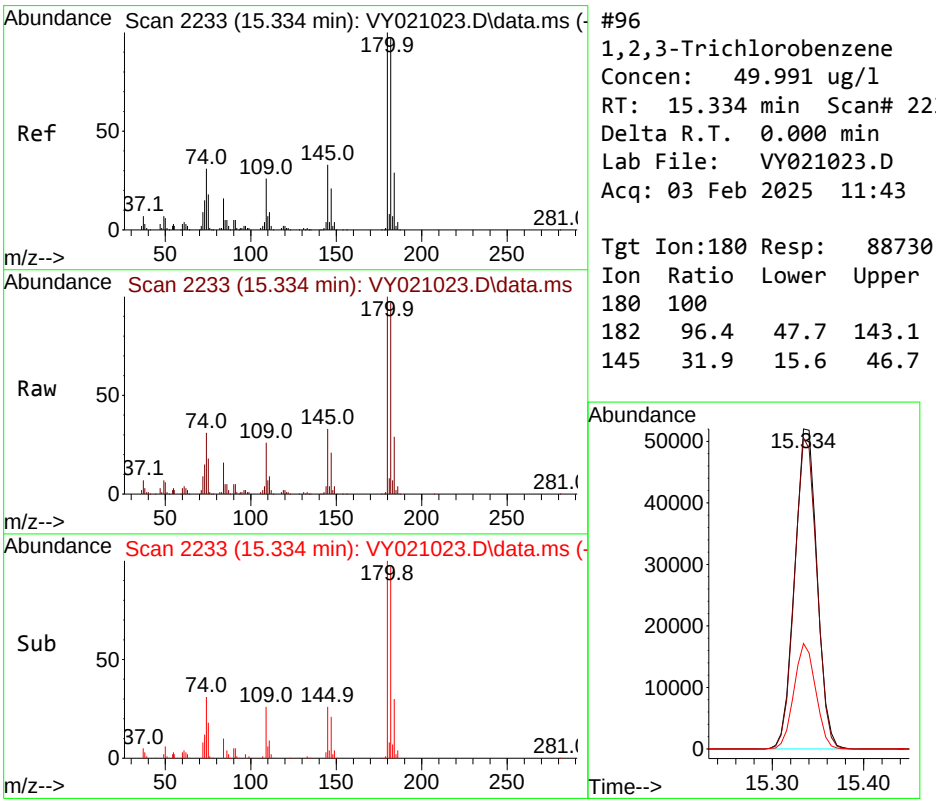
Tgt Ion:128 Resp: 18016

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	10.9	8.8	13.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#96
1,2,3-Trichlorobenzene
Concen: 49.991 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:180 Resp: 88730

Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.7	143.1
145	31.9	15.6	46.7

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021024.D
Acq On : 03 Feb 2025 12:21
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

Quant Time: Feb 03 12:39:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.719	168	190137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	289157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	248171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	115163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	172797	106.741	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 213.480%#			
35) Dibromofluoromethane	7.646	113	171851	98.858	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 197.720%#			
50) Toluene-d8	10.115	98	669691	98.702	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 197.400%#			
62) 4-Bromofluorobenzene	12.414	95	216644	95.157	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 190.320%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.873	85	159301	98.533	ug/l	100
3) Chloromethane	2.074	50	153706	149.541	ug/l	98
4) Vinyl Chloride	2.214	62	155011	146.266	ug/l	99
5) Bromomethane	2.604	94	93622	130.495	ug/l	96
6) Chloroethane	2.745	64	91012	147.011	ug/l	99
7) Trichlorofluoromethane	3.068	101	282462	110.443	ug/l	99
8) Diethyl Ether	3.464	74	87561	114.680	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.830	101	177279	102.939	ug/l	95
10) Methyl Iodide	4.019	142	218905	111.078	ug/l	99
11) Tert butyl alcohol	4.872	59	53461	452.085	ug/l	99
12) 1,1-Dichloroethene	3.799	96	171787	106.739	ug/l	88
13) Acrolein	3.659	56	89546	657.572	ug/l	99
14) Allyl chloride	4.397	41	294317	132.835	ug/l	92
15) Acrylonitrile	5.067	53	179975	573.057	ug/l	99
16) Acetone	3.879	43	133780	606.320	ug/l	90
17) Carbon Disulfide	4.116	76	540251	108.991	ug/l	100
18) Methyl Acetate	4.397	43	96229	124.639	ug/l	93
19) Methyl tert-butyl Ether	5.128	73	427571	114.141	ug/l	99
20) Methylene Chloride	4.628	84	171778	105.558	ug/l	89
21) trans-1,2-Dichloroethene	5.128	96	186520	108.095	ug/l	93
22) Diisopropyl ether	6.031	45	598063	132.422	ug/l	97
23) Vinyl Acetate	5.970	43	1653156	660.973	ug/l	95
24) 1,1-Dichloroethane	5.933	63	346367	118.878	ug/l	98
25) 2-Butanone	6.902	43	229517	613.177	ug/l	92
26) 2,2-Dichloropropane	6.896	77	311254	108.502	ug/l	99
27) cis-1,2-Dichloroethene	6.902	96	218816	110.326	ug/l	94
28) Bromochloromethane	7.256	49	142156	130.955	ug/l	83
29) Tetrahydrofuran	7.274	42	153104	607.855	ug/l	92
30) Chloroform	7.433	83	350416	111.040	ug/l	99
31) Cyclohexane	7.713	56	296243	104.021	ug/l	95
32) 1,1,1-Trichloroethane	7.628	97	328296	107.493	ug/l	97
36) 1,1-Dichloropropene	7.847	75	258833	104.370	ug/l	97
37) Ethyl Acetate	6.994	43	108807	117.685	ug/l	97
38) Carbon Tetrachloride	7.829	117	302001	98.406	ug/l	98
39) Methylcyclohexane	9.115	83	329865	99.014	ug/l	94
40) Benzene	8.091	78	765340	104.883	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021024.D
Acq On : 03 Feb 2025 12:21
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 03 12:39:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	51586	100.841	ug/l		90
42) 1,2-Dichloroethane	8.164	62	203840	110.147	ug/l		98
43) Isopropyl Acetate	8.207	43	224883	121.752	ug/l	#	86
44) Trichloroethene	8.872	130	195403	97.046	ug/l		94
45) 1,2-Dichloropropane	9.152	63	179965	110.034	ug/l		99
46) Dibromomethane	9.237	93	95968	100.827	ug/l		95
47) Bromodichloromethane	9.432	83	265518	106.226	ug/l		98
48) Methyl methacrylate	9.225	41	107661	122.427	ug/l		90
49) 1,4-Dioxane	9.237	88	18378	1817.108	ug/l	#	95
51) 4-Methyl-2-Pentanone	10.006	43	562082	592.226	ug/l		94
52) Toluene	10.176	92	488296	103.090	ug/l		99
53) t-1,3-Dichloropropene	10.402	75	246769	109.097	ug/l		100
54) cis-1,3-Dichloropropene	9.865	75	289643	107.141	ug/l	#	91
55) 1,1,2-Trichloroethane	10.579	97	125626	99.248	ug/l		100
56) Ethyl methacrylate	10.445	69	184212	111.337	ug/l		88
57) 1,3-Dichloropropane	10.725	76	220204	102.639	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.719	63	421206	599.795	ug/l		95
59) 2-Hexanone	10.768	43	373249	605.028	ug/l		92
60) Dibromochloromethane	10.920	129	179036	99.202	ug/l		99
61) 1,2-Dibromoethane	11.024	107	117576	97.250	ug/l		98
64) Tetrachloroethene	10.652	164	174223	93.066	ug/l		97
65) Chlorobenzene	11.450	112	519942	99.441	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.524	131	185418	99.917	ug/l		99
67) Ethyl Benzene	11.524	91	950017	104.939	ug/l		98
68) m/p-Xylenes	11.639	106	705393	202.801	ug/l		97
69) o-Xylene	11.963	106	332346	102.783	ug/l		97
70) Styrene	11.975	104	559633	104.245	ug/l		98
71) Bromoform	12.139	173	101615	92.910	ug/l	#	99
73) Isopropylbenzene	12.261	105	891697	110.247	ug/l		100
74) N-amyl acetate	12.078	43	196809	133.629	ug/l		91
75) 1,1,2,2-Tetrachloroethane	12.517	83	137599	105.393	ug/l		100
76) 1,2,3-Trichloropropane	12.566	75	87097m	95.537	ug/l		
77) Bromobenzene	12.542	156	198715	103.627	ug/l		93
78) n-propylbenzene	12.603	91	1057216	111.529	ug/l		98
79) 2-Chlorotoluene	12.688	91	592096	109.632	ug/l		99
80) 1,3,5-Trimethylbenzene	12.743	105	713935	107.741	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.310	75	47846	108.944	ug/l		92
82) 4-Chlorotoluene	12.786	91	597047	108.014	ug/l		99
83) tert-Butylbenzene	13.005	119	638740	103.933	ug/l		96
84) 1,2,4-Trimethylbenzene	13.054	105	701716	108.409	ug/l		100
85) sec-Butylbenzene	13.182	105	931799	107.093	ug/l		100
86) p-Isopropyltoluene	13.304	119	778814	106.512	ug/l		99
87) 1,3-Dichlorobenzene	13.298	146	380481	101.760	ug/l		100
88) 1,4-Dichlorobenzene	13.377	146	368361	99.212	ug/l		99
89) n-Butylbenzene	13.627	91	720257	109.974	ug/l		98
90) Hexachloroethane	13.889	117	160918	108.782	ug/l		94
91) 1,2-Dichlorobenzene	13.670	146	323508	99.218	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	20553	102.253	ug/l		93
93) 1,2,4-Trichlorobenzene	14.932	180	201024	100.693	ug/l		100
94) Hexachlorobutadiene	15.035	225	124879	90.315	ug/l		100
95) Naphthalene	15.157	128	331641	103.361	ug/l		99
96) 1,2,3-Trichlorobenzene	15.340	180	167187	99.024	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021024.D
Acq On : 03 Feb 2025 12:21
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

Quant Time: Feb 03 12:39:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021024.D
Acq On : 03 Feb 2025 12:21
Operator : SY/MD
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
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QLast Update : Mon Feb 03 12:36:41 2025
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Instrument :
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ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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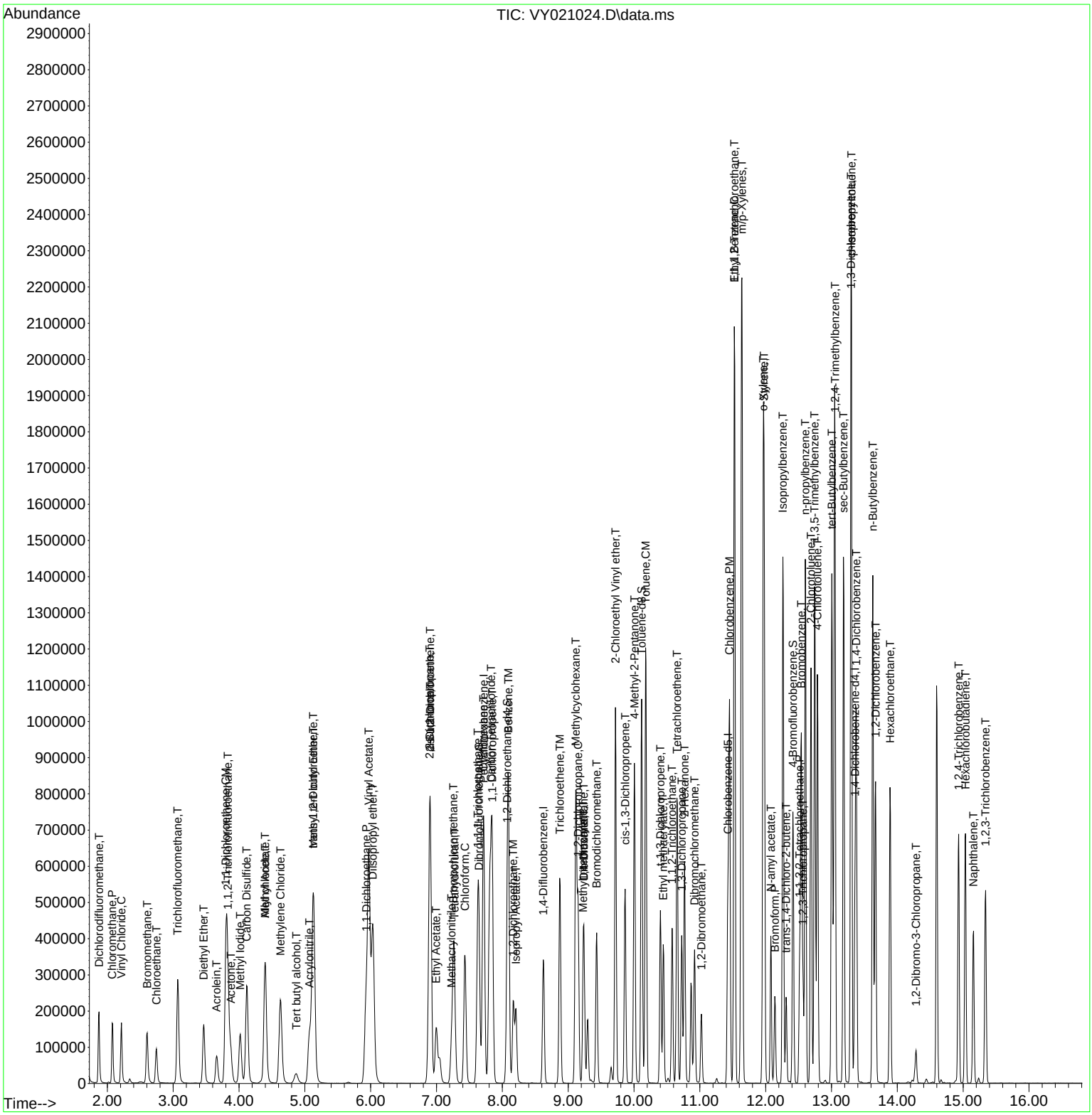
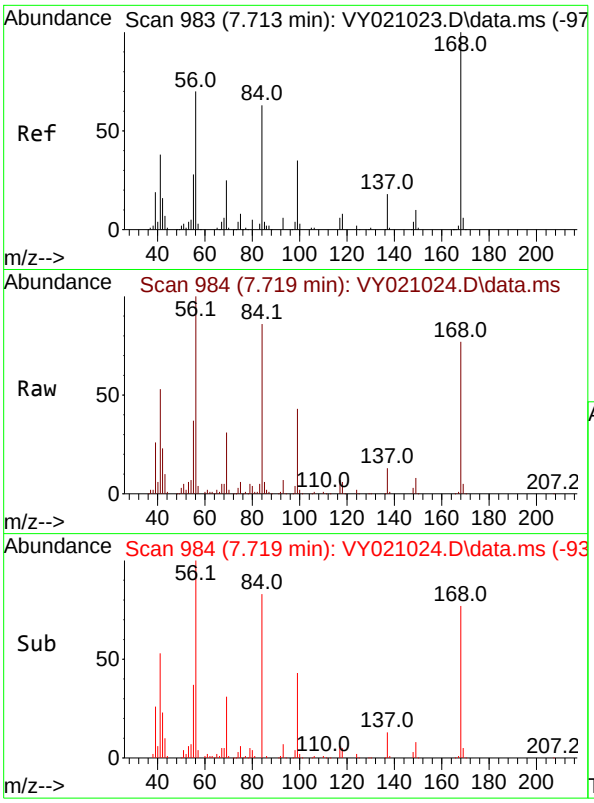
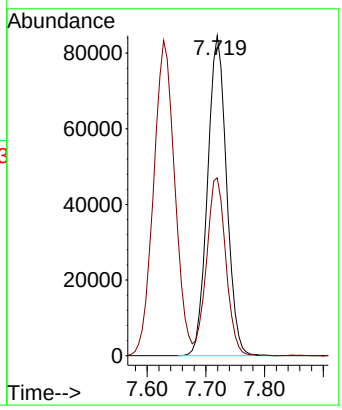




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:168 Resp: 19013

Ion	Ratio	Lower	Upper
168	100		
99	55.5	42.2	63.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

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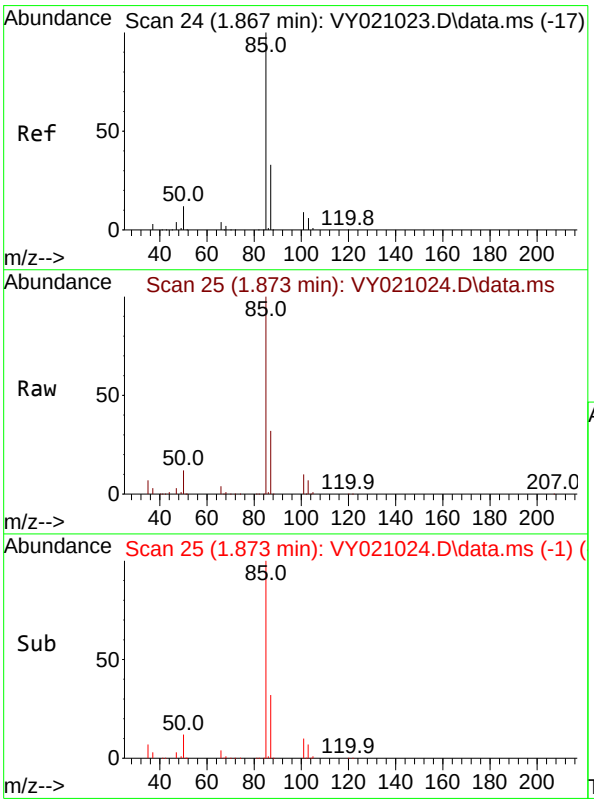
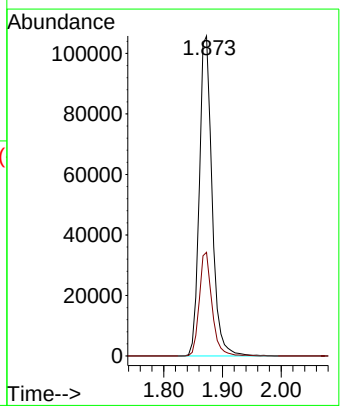
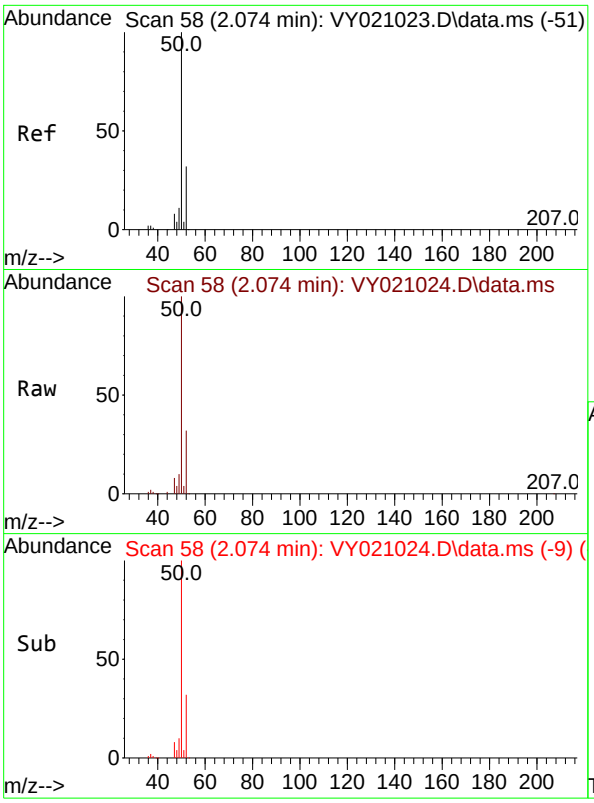


#2
Dichlorodifluoromethane
Concen: 98.533 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 85 Resp: 159301

Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.3	48.9

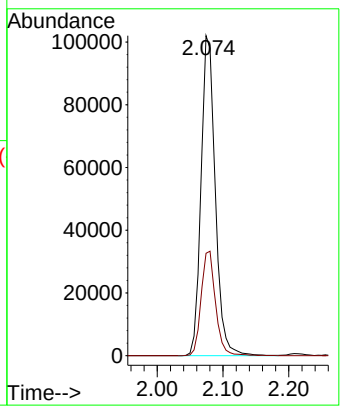




#3
Chloromethane
Concen: 149.541 ug/l
RT: 2.074 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 50 Resp: 15370

Ion	Ratio	Lower	Upper
50	100		
52	32.0	26.3	39.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

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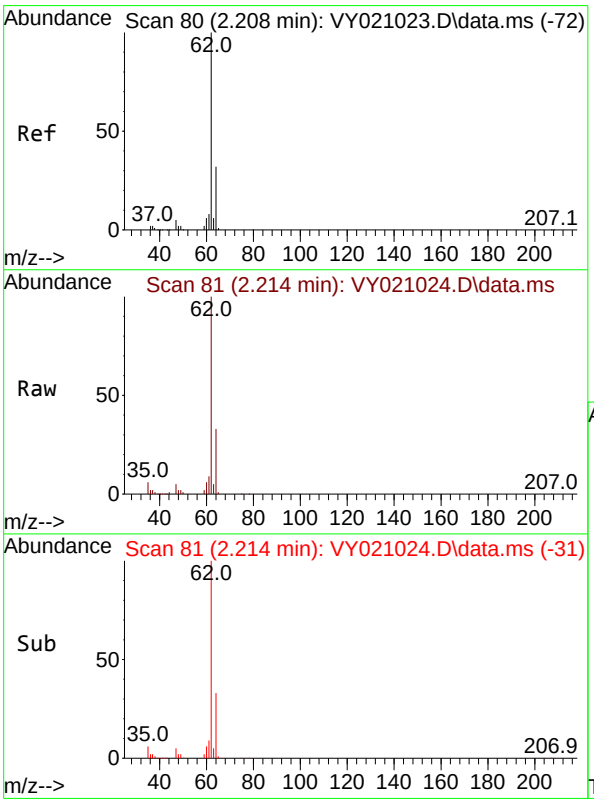
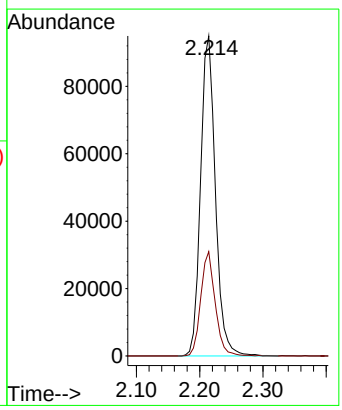
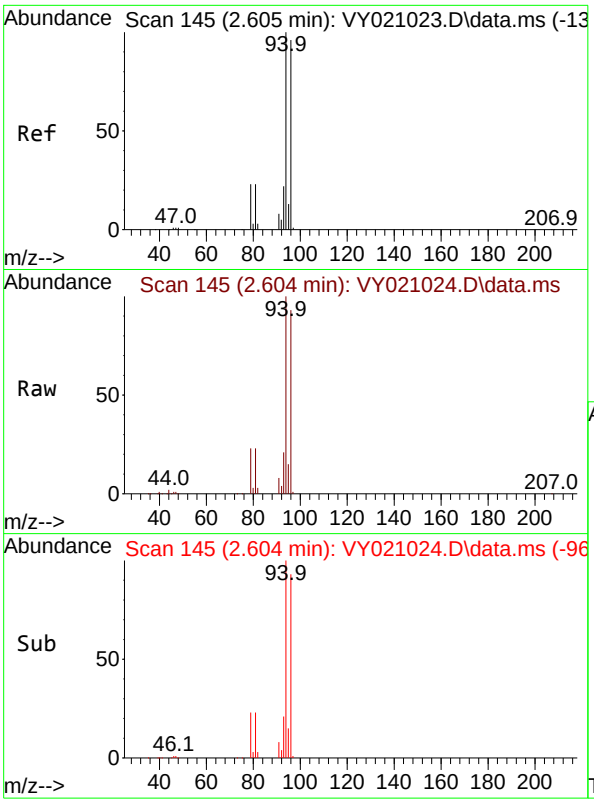


#4
Vinyl Chloride
Concen: 146.266 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 62 Resp: 155011

Ion	Ratio	Lower	Upper
62	100		
64	32.6	25.4	38.2





#5
Bromomethane
Concen: 130.495 ug/l
RT: 2.604 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

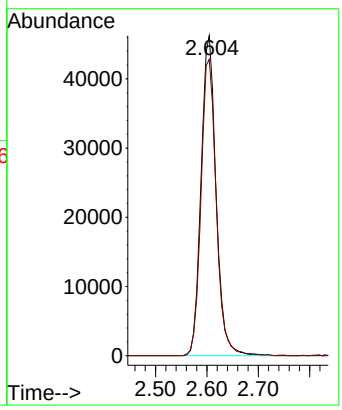
Tgt Ion: 94 Resp: 9362

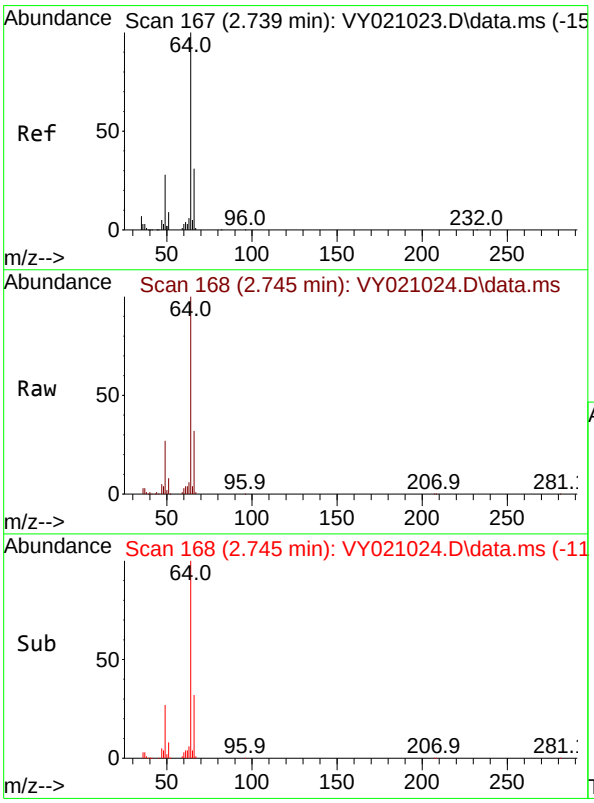
Ion	Ratio	Lower	Upper
94	100		
96	92.6	77.4	116.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

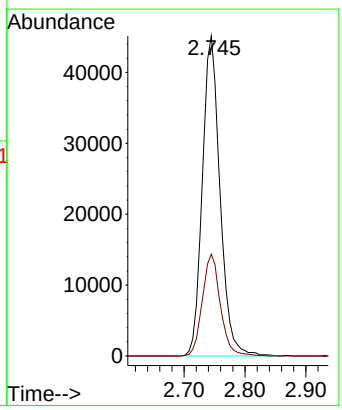


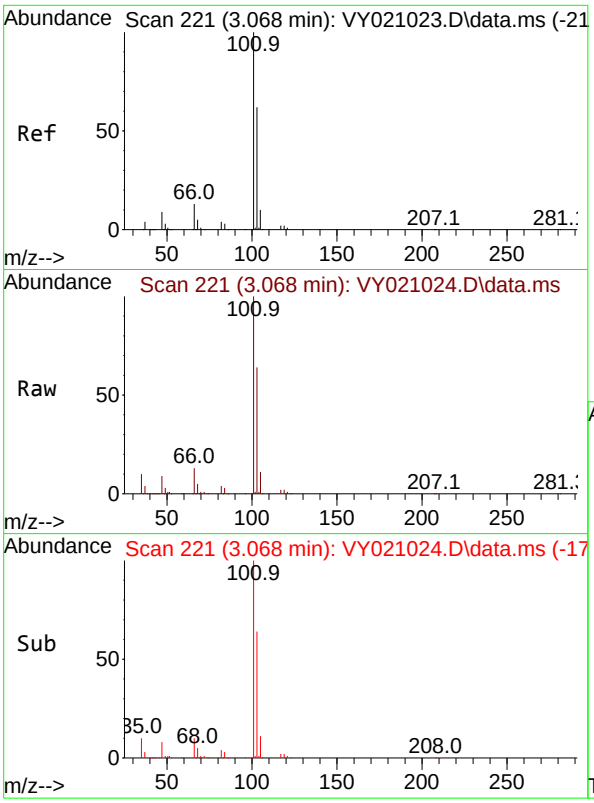


#6
Chloroethane
Concen: 147.011 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 64 Resp: 91012

Ion	Ratio	Lower	Upper
64	100		
66	31.8	25.0	37.4

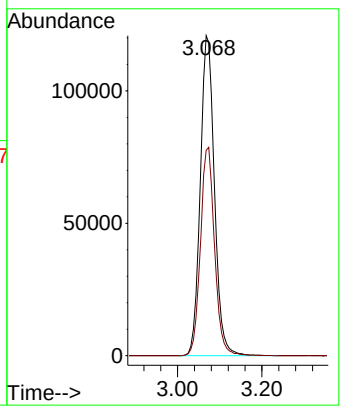




#7
Trichlorofluoromethane
Concen: 110.443 ug/l
RT: 3.068 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:101 Resp: 28246

Ion	Ratio	Lower	Upper
101	100		
103	64.2	50.9	76.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

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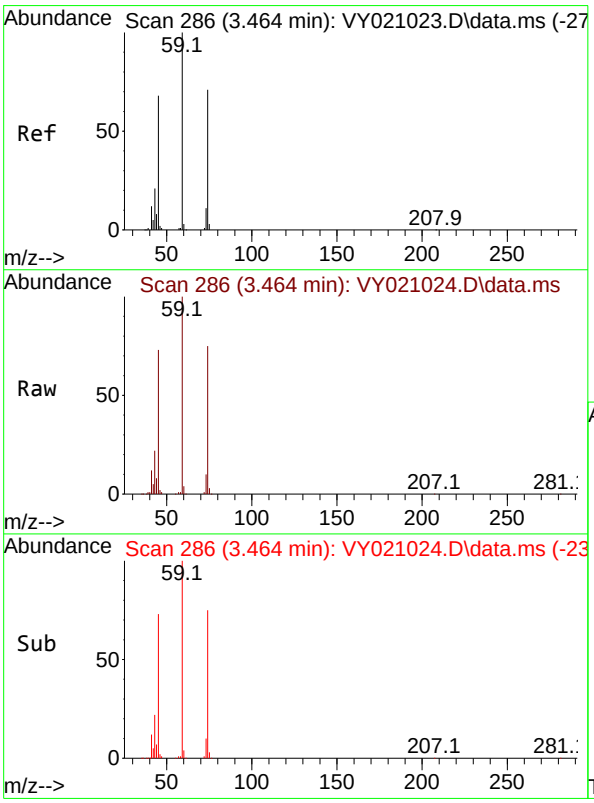
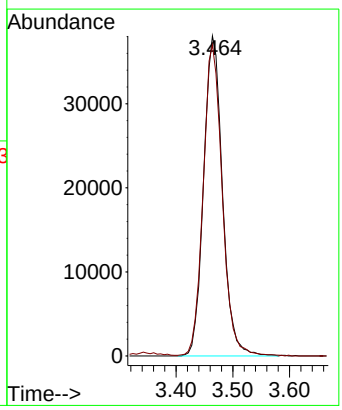
Supervised By :Semsettin Yesilyurt 02/04/2025

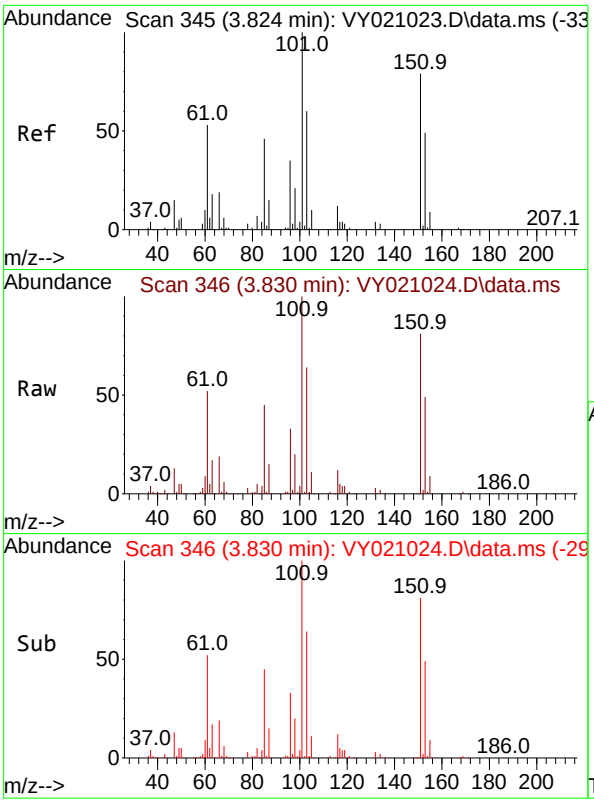


#8
Diethyl Ether
Concen: 114.680 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 74 Resp: 87561

Ion	Ratio	Lower	Upper
74	100		
45	98.9	43.4	130.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 102.939 ug/l
RT: 3.830 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

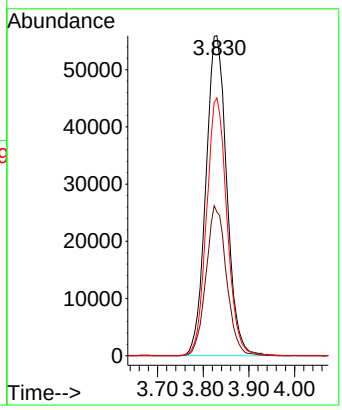
Tgt Ion:101 Resp: 17727

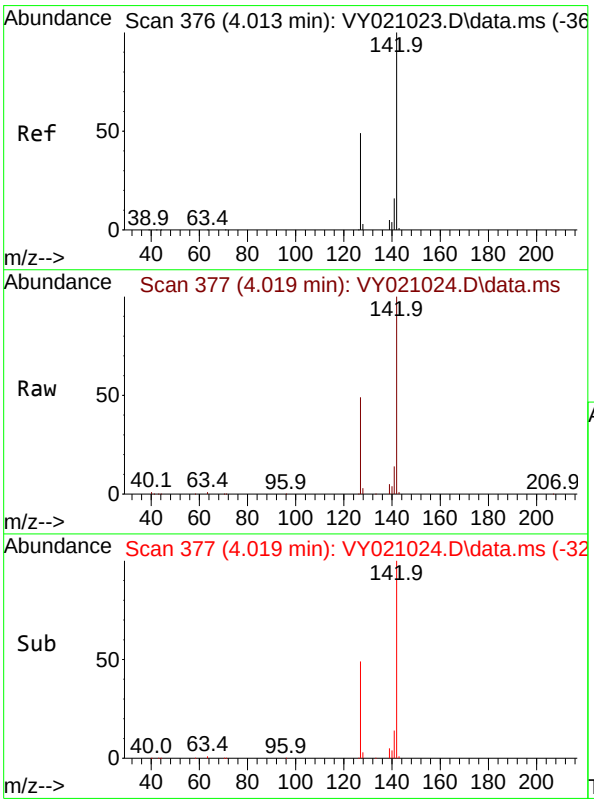
Ion	Ratio	Lower	Upper
101	100		
85	45.9	34.9	52.3
151	78.9	66.8	100.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

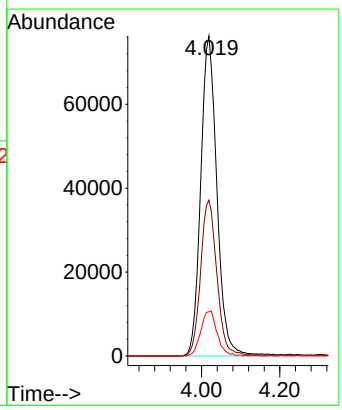


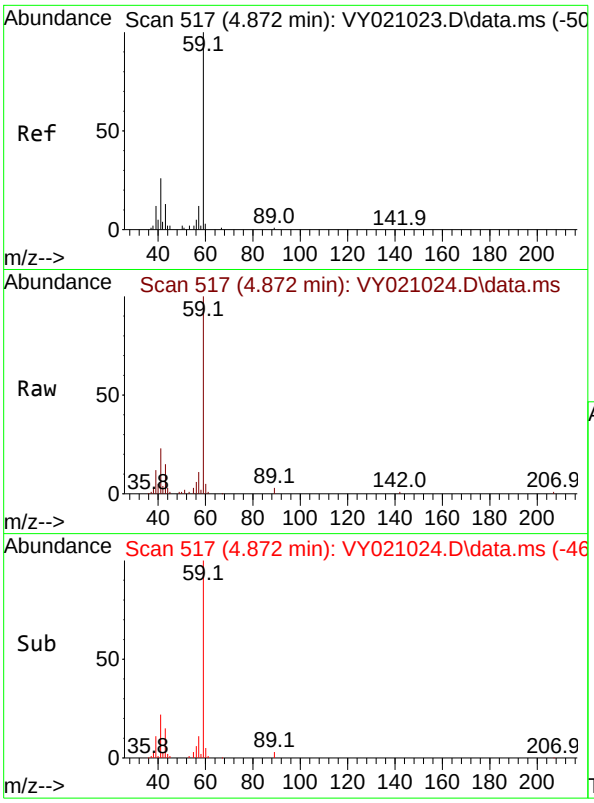


#10
Methyl Iodide
Concen: 111.078 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:142 Resp: 218905

Ion	Ratio	Lower	Upper
142	100		
127	49.2	38.9	58.3
141	14.2	11.7	17.5

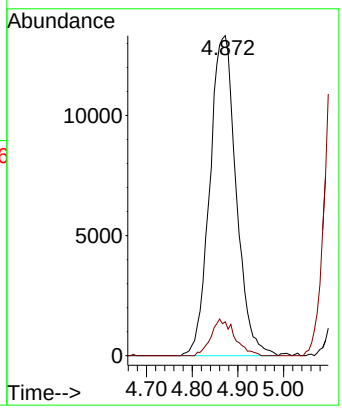




#11
Tert butyl alcohol
Concen: 452.085 ug/l
RT: 4.872 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 59 Resp: 5346

Ion	Ratio	Lower	Upper
59	100		
57	10.3	7.8	11.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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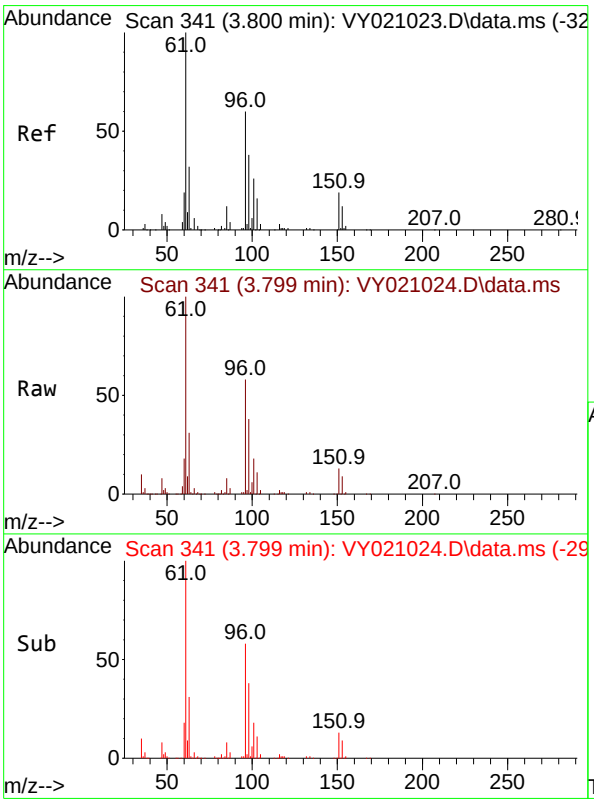
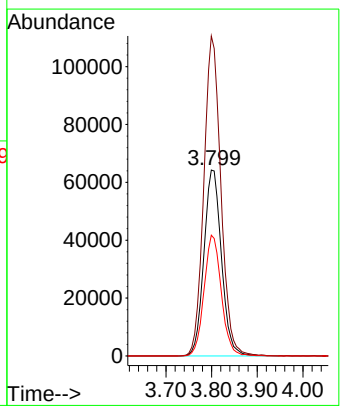
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

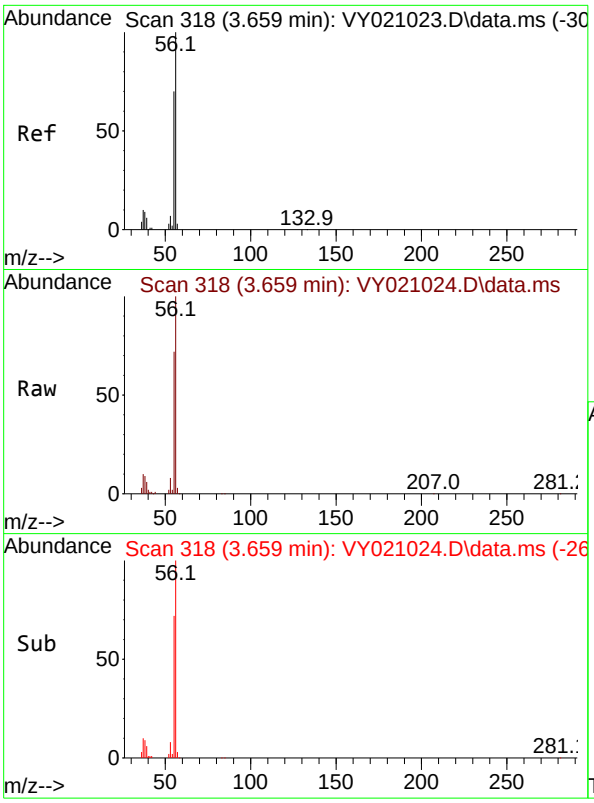


#12
1,1-Dichloroethene
Concen: 106.739 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 96 Resp: 171787

Ion	Ratio	Lower	Upper
96	100		
61	172.1	120.8	181.2
98	64.9	50.6	76.0

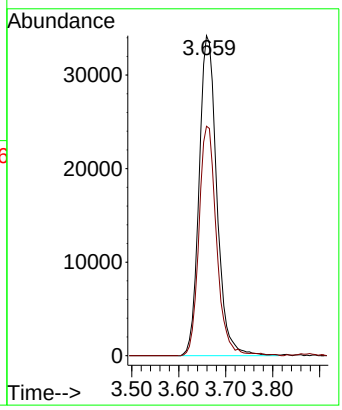




#13
Acrolein
Concen: 657.572 ug/l
RT: 3.659 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 56 Resp: 8954

Ion	Ratio	Lower	Upper
56	100		
55	71.2	56.1	84.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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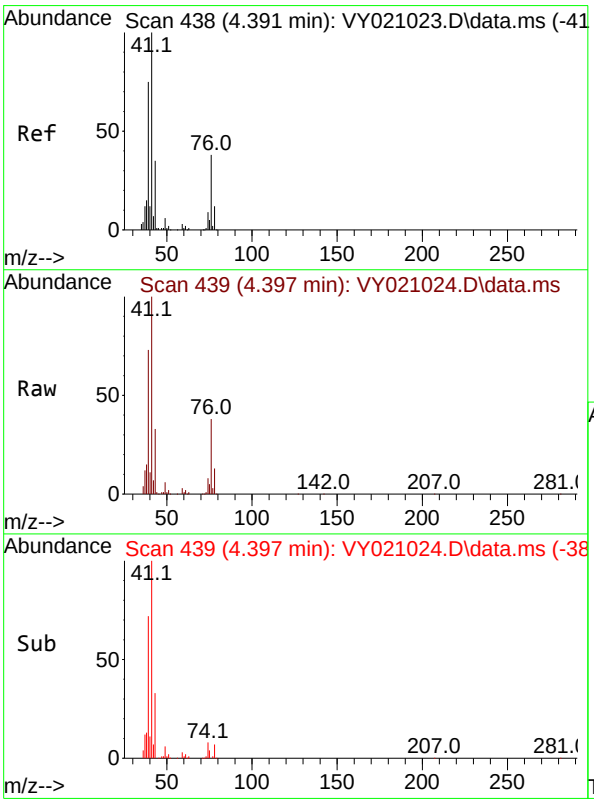
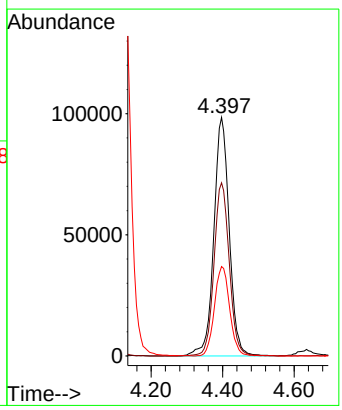
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

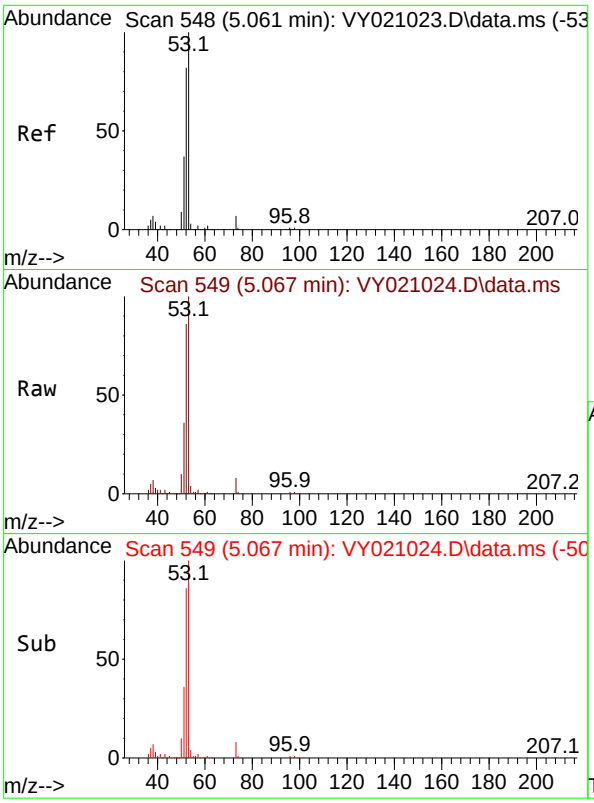


#14
Allyl chloride
Concen: 132.835 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 41 Resp: 294317

Ion	Ratio	Lower	Upper
41	100		
39	72.0	53.5	80.3
76	37.1	34.6	52.0

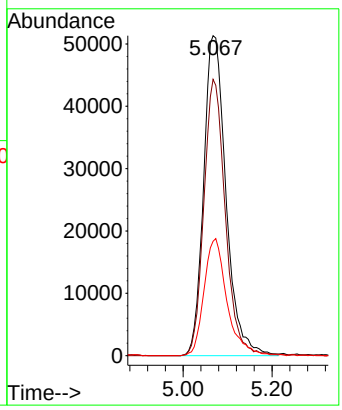




#15
Acrylonitrile
Concen: 573.057 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 53 Resp: 17997

Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.2	99.4
51	37.6	29.4	44.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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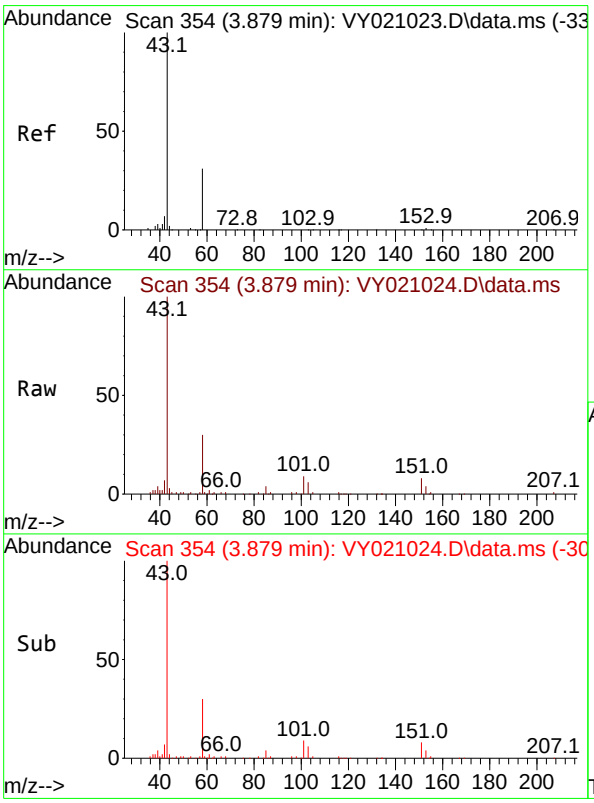
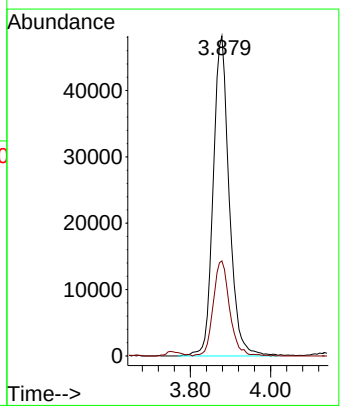
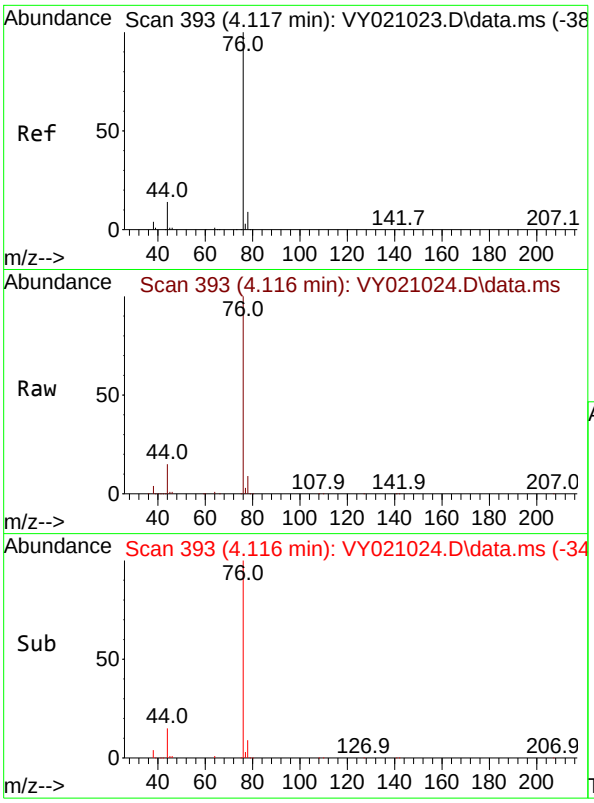


#16
Acetone
Concen: 606.320 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 43 Resp: 133780

Ion	Ratio	Lower	Upper
43	100		
58	29.6	28.4	42.6

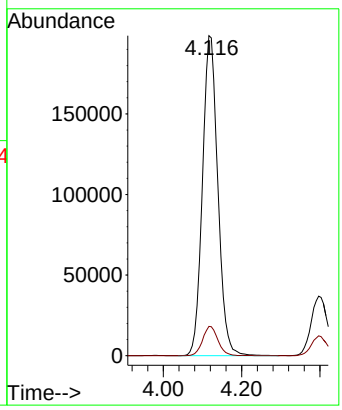




#17
Carbon Disulfide
Concen: 108.991 ug/l
RT: 4.116 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 76 Resp: 54025

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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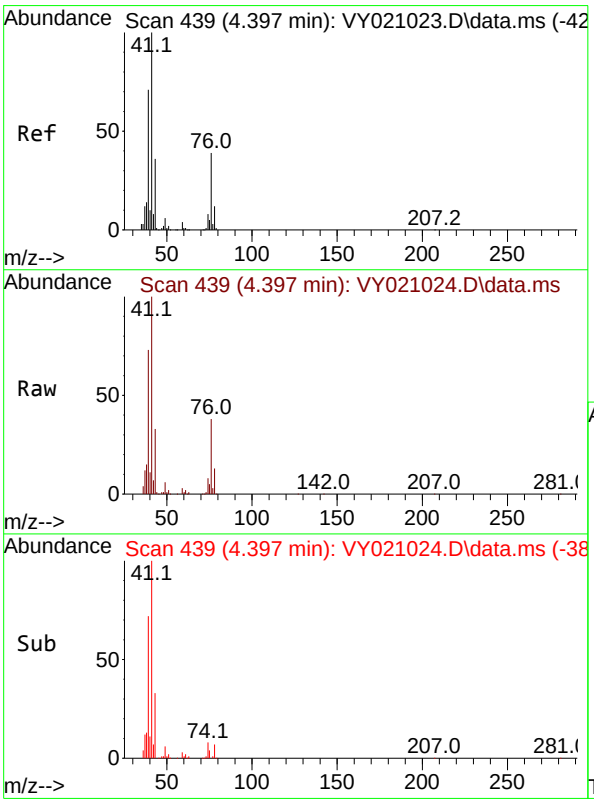
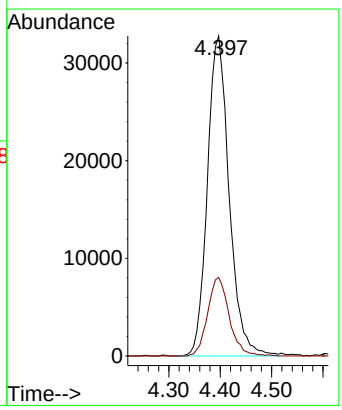
Supervised By :Semsettin Yesilyurt 02/04/2025

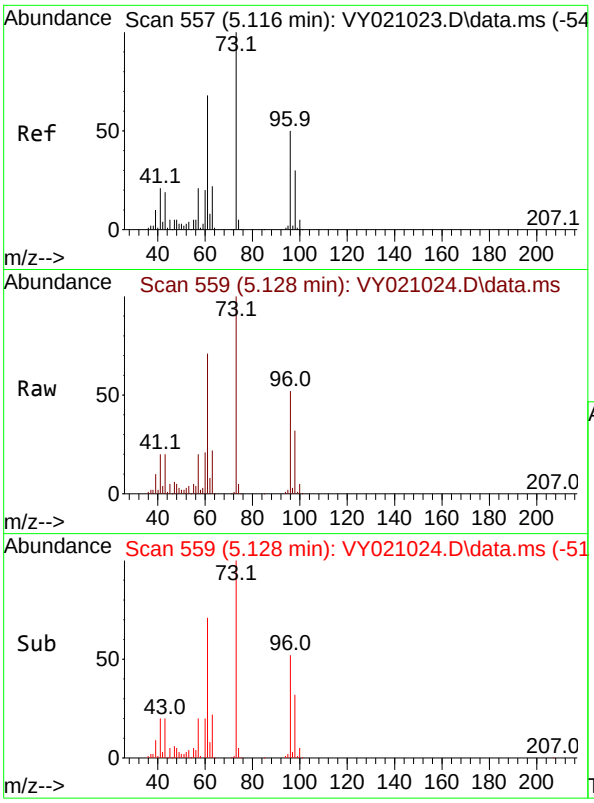


#18
Methyl Acetate
Concen: 124.639 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 43 Resp: 96229

Ion	Ratio	Lower	Upper
43	100		
74	24.3	22.2	33.4

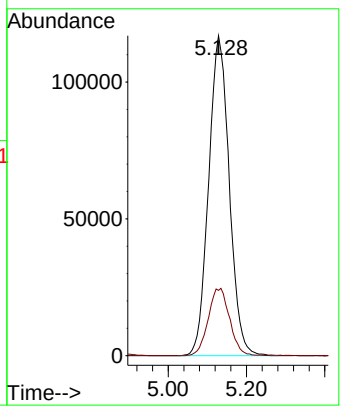




#19
Methyl tert-butyl Ether
Concen: 114.141 ug/l
RT: 5.128 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 73 Resp: 42757

Ion	Ratio	Lower	Upper
73	100		
57	20.4	16.6	25.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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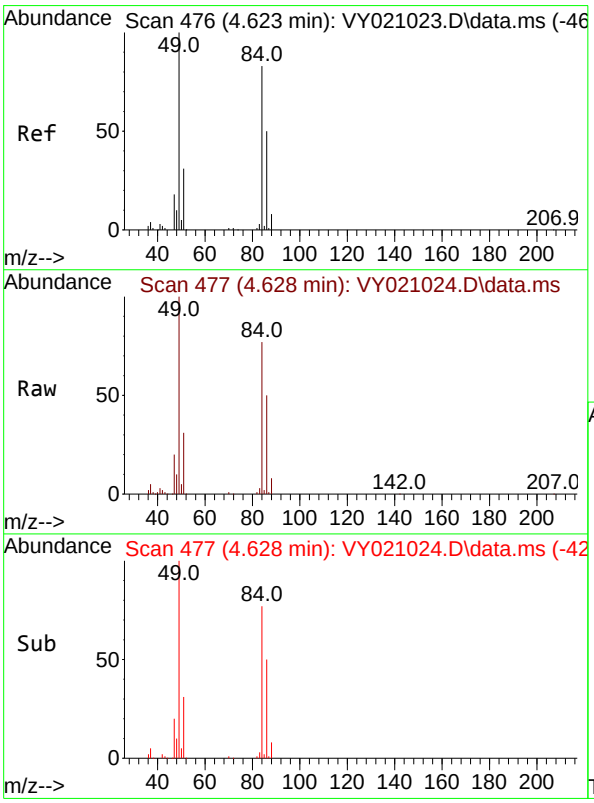
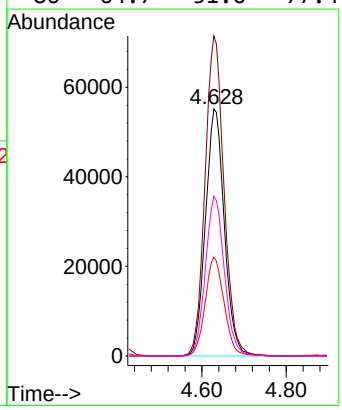
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

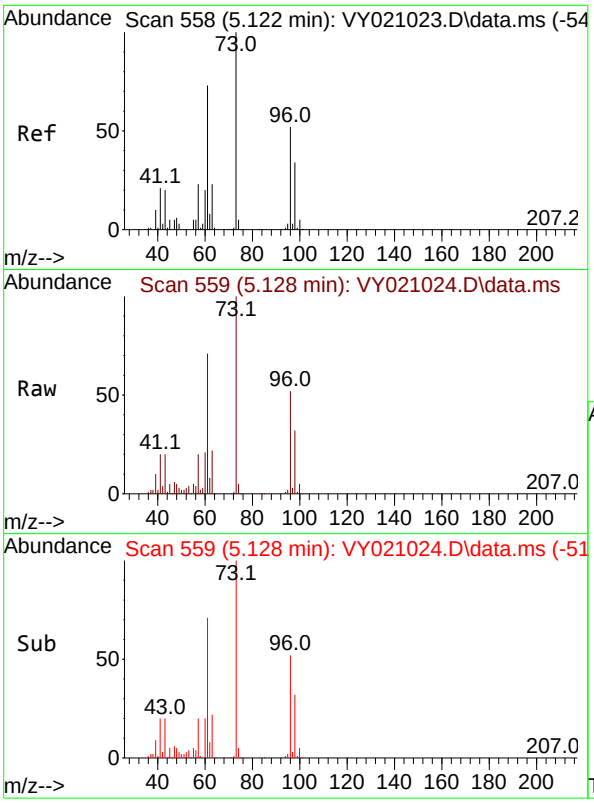


#20
Methylene Chloride
Concen: 105.558 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 84 Resp: 171778

Ion	Ratio	Lower	Upper
84	100		
49	129.6	88.3	132.5
51	40.0	27.7	41.5
86	64.7	51.6	77.4

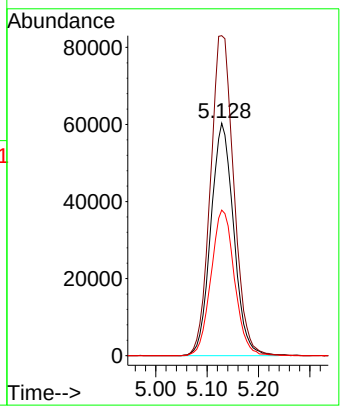




#21
trans-1,2-Dichloroethene
Concen: 108.095 ug/l
RT: 5.128 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 96 Resp: 18652

Ion	Ratio	Lower	Upper
96	100		
61	137.7	101.5	152.3
98	62.7	52.0	78.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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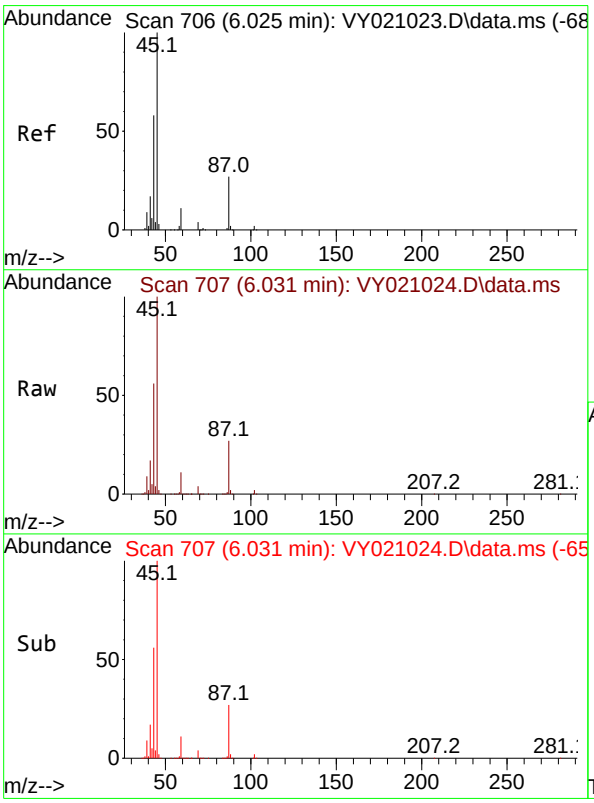
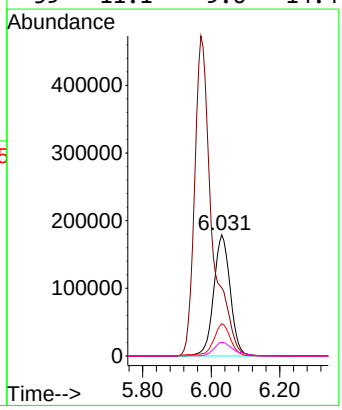
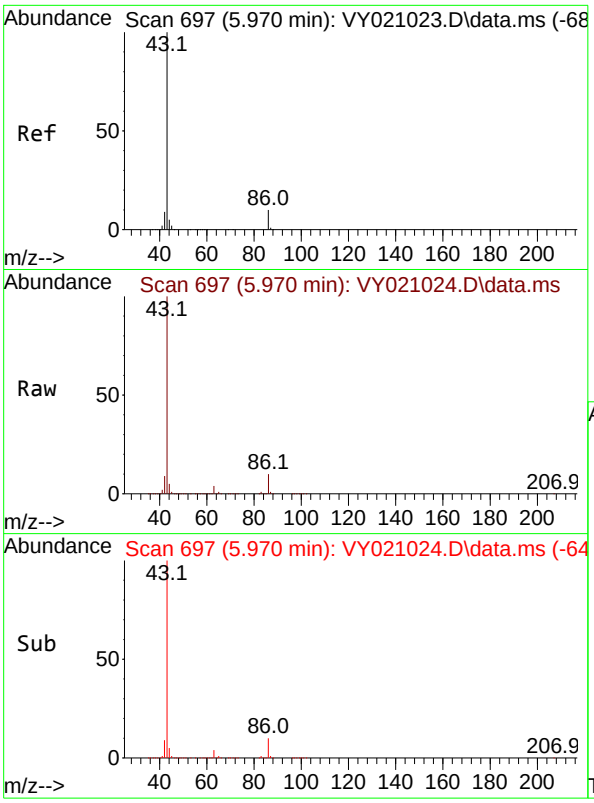


#22
Diisopropyl ether
Concen: 132.422 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 45 Resp: 598063

Ion	Ratio	Lower	Upper
45	100		
43	56.1	45.1	67.7
87	26.7	25.0	37.4
59	11.1	9.6	14.4





#23
Vinyl Acetate
Concen: 660.973 ug/l
RT: 5.970 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 43 Resp: 165315

Ion	Ratio	Lower	Upper
43	100		
86	10.0	9.7	14.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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Reviewed By :Mahesh Dadoda 02/04/2025
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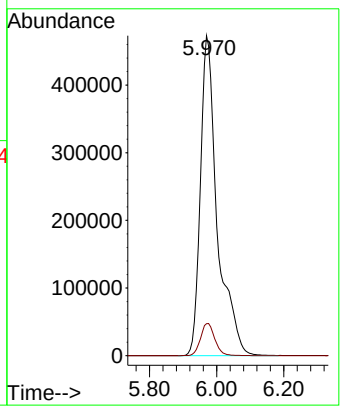
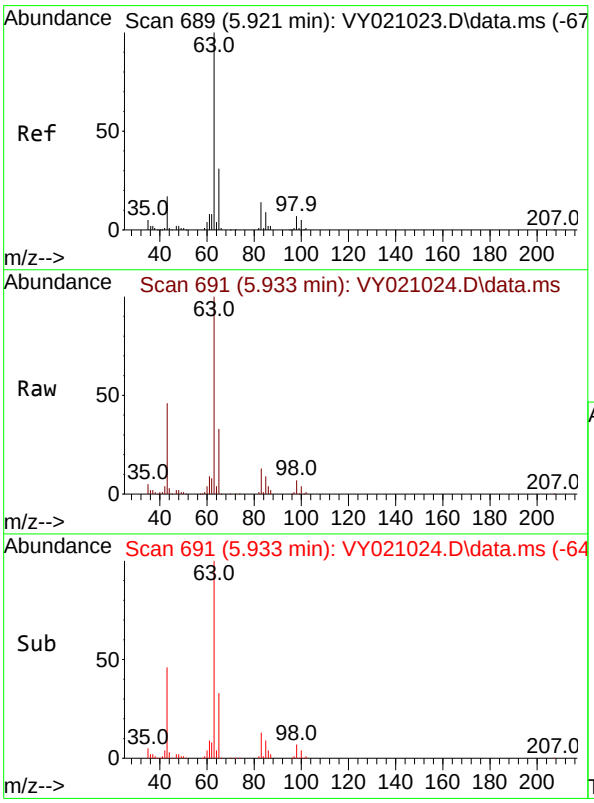
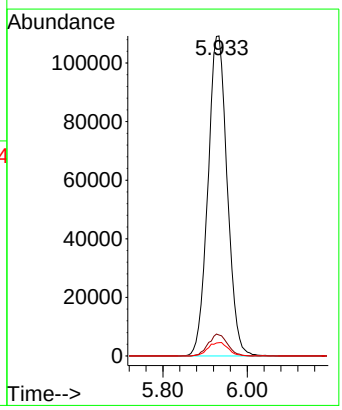


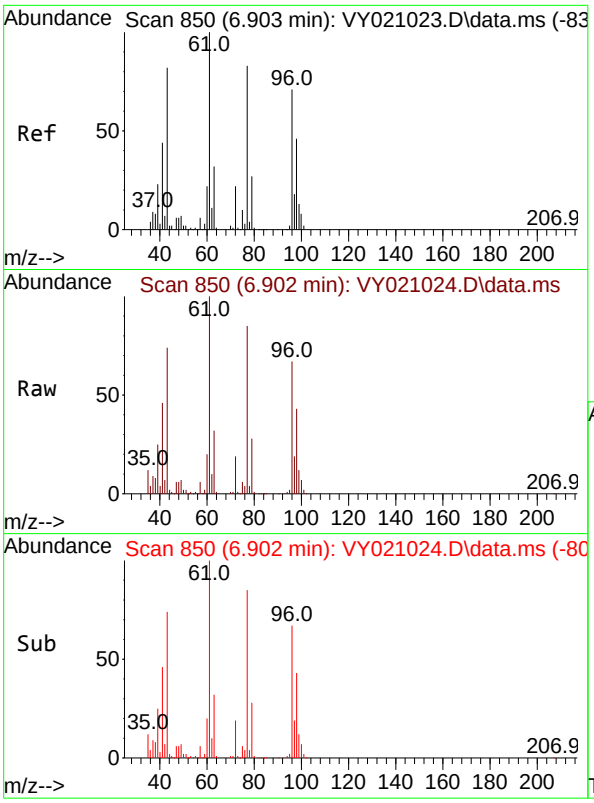


#24
1,1-Dichloroethane
Concen: 118.878 ug/l
RT: 5.933 min Scan# 691
Delta R.T. 0.013 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 63 Resp: 346367

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.7	11.1
100	4.1	2.4	7.2

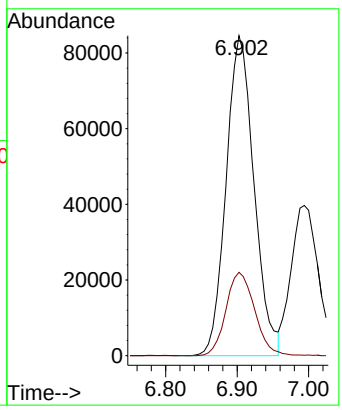




#25
2-Butanone
Concen: 613.177 ug/l
RT: 6.902 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 43 Resp: 22951

Ion	Ratio	Lower	Upper
43	100		
72	26.1	24.3	36.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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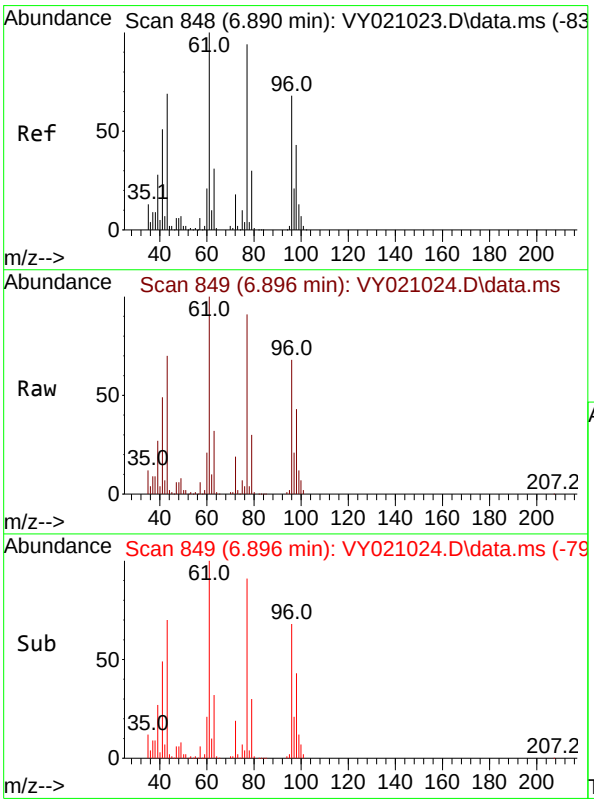
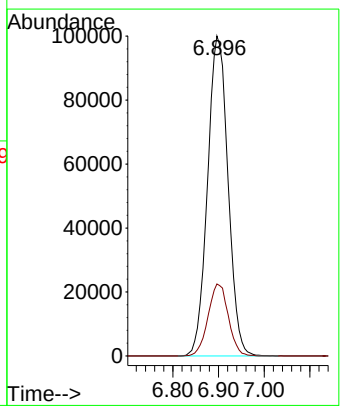
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

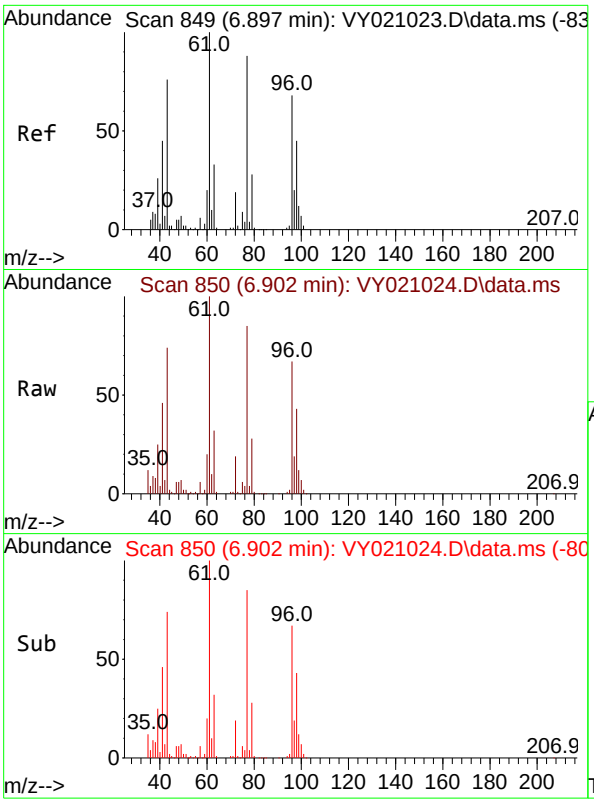


#26
2,2-Dichloropropane
Concen: 108.502 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 77 Resp: 311254

Ion	Ratio	Lower	Upper
77	100		
97	22.3	11.4	34.2

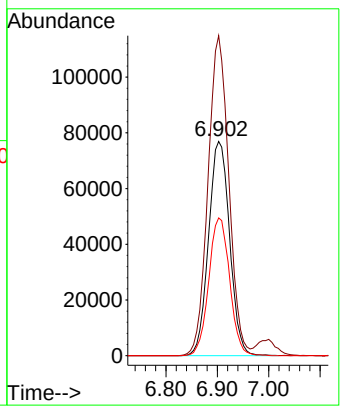




#27
cis-1,2-Dichloroethene
Concen: 110.326 ug/l
RT: 6.902 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 96 Resp: 21881

Ion	Ratio	Lower	Upper
96	100		
61	147.4	0.0	274.0
98	63.9	0.0	130.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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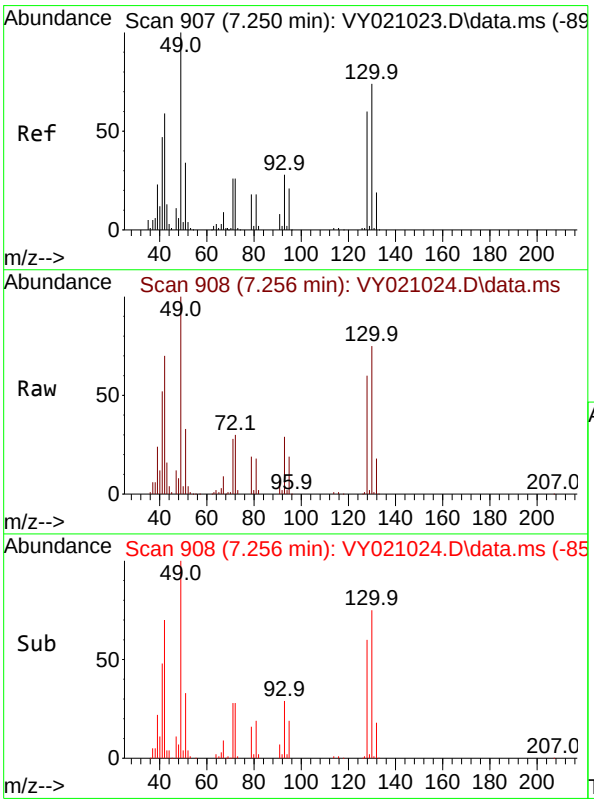
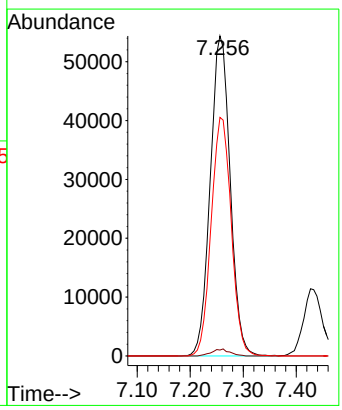
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

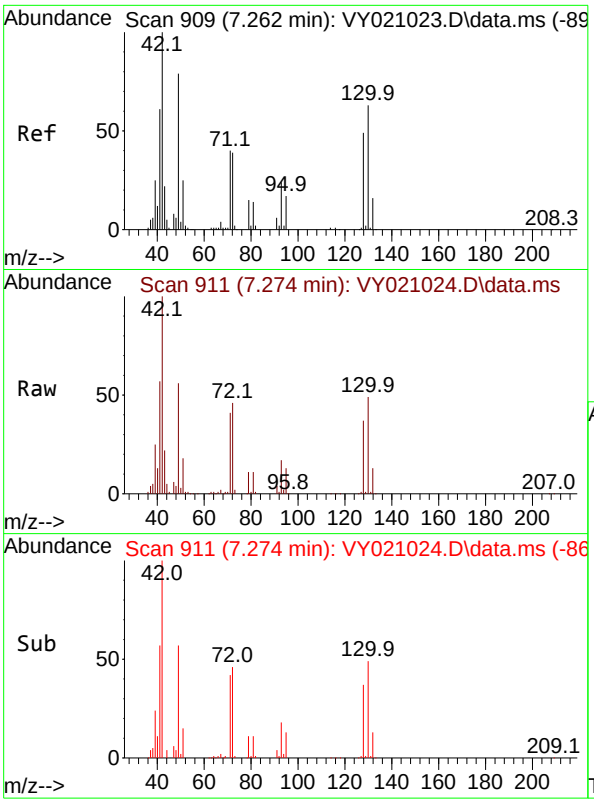


#28
Bromochloromethane
Concen: 130.955 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 49 Resp: 142156

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	5.0
130	74.8	73.2	109.8

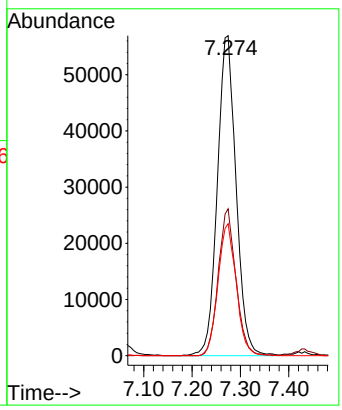




#29
Tetrahydrofuran
Concen: 607.855 ug/l
RT: 7.274 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 42 Resp: 15310

Ion	Ratio	Lower	Upper
42	100		
72	43.3	39.3	58.9
71	40.2	36.1	54.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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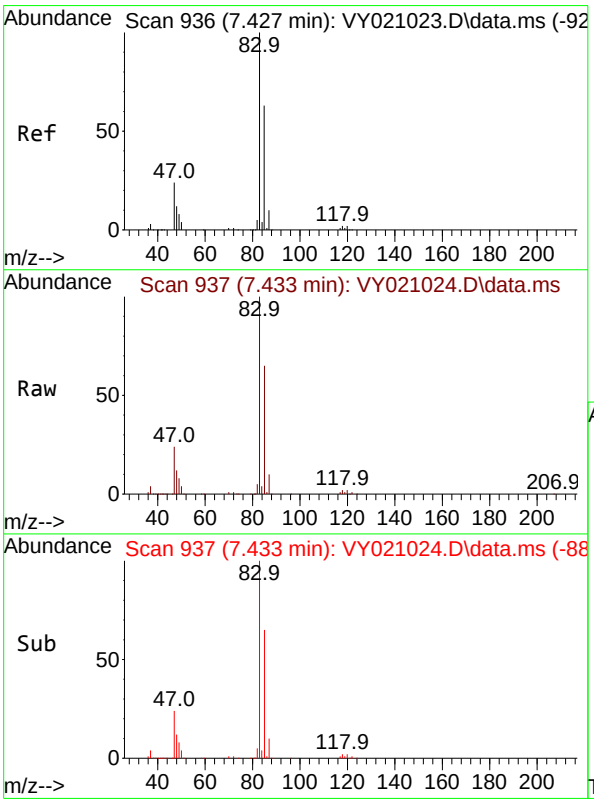
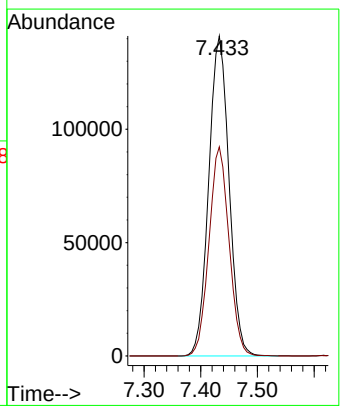
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

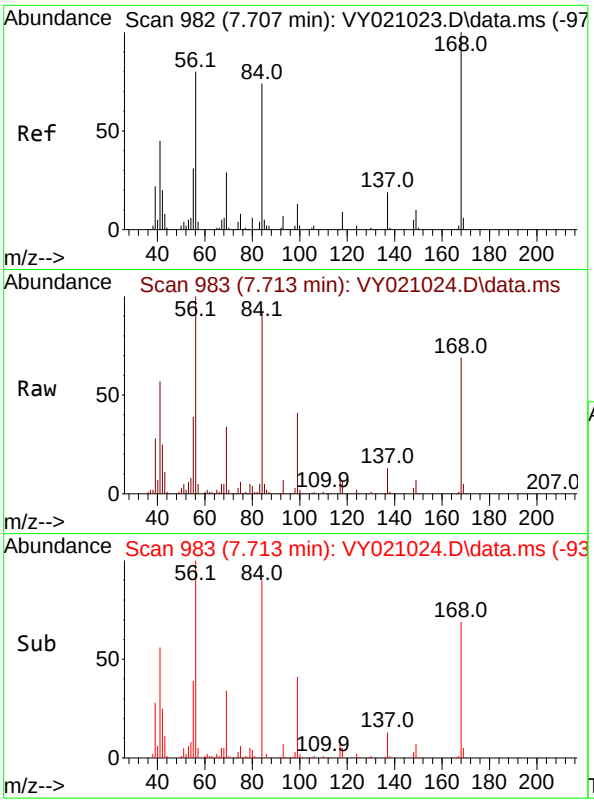


#30
Chloroform
Concen: 111.040 ug/l
RT: 7.433 min Scan# 937
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 83 Resp: 350416

Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.9	79.3

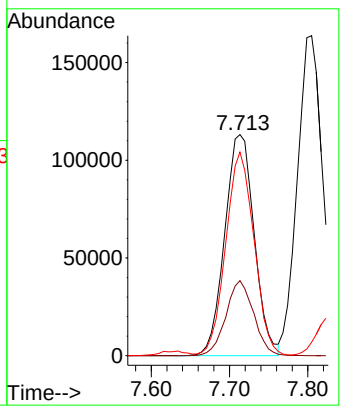




#31
Cyclohexane
Concen: 104.021 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 56 Resp: 29624

Ion	Ratio	Lower	Upper
56	100		
69	33.9	27.7	41.5
84	90.1	77.5	116.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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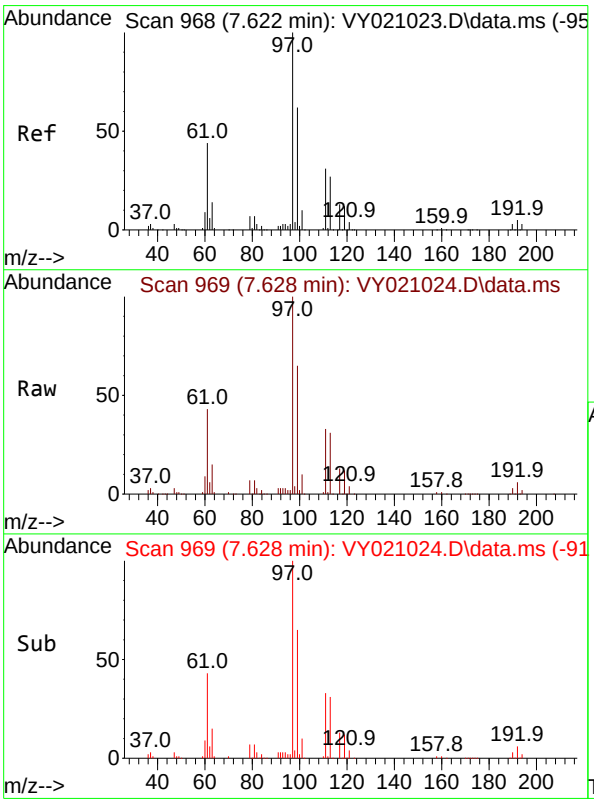
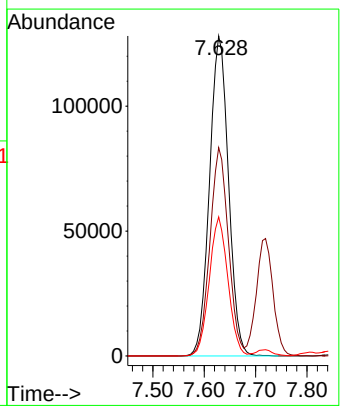
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

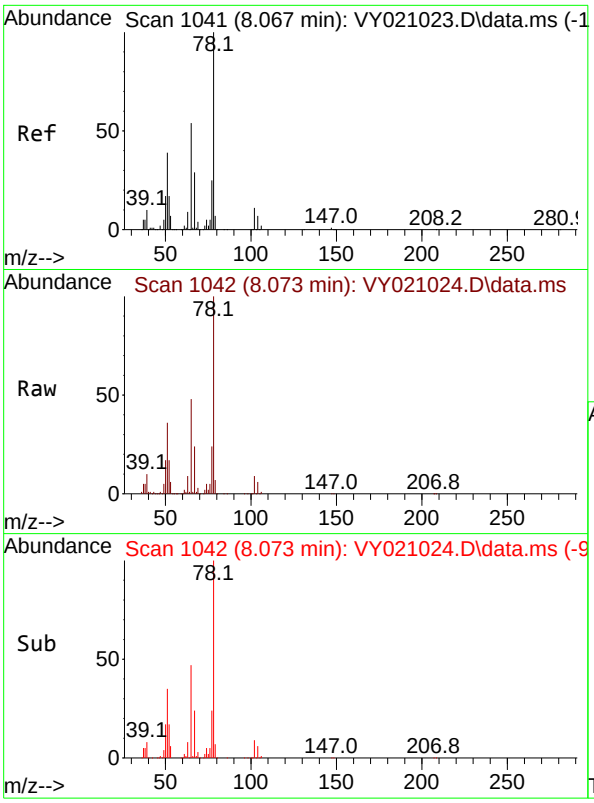


#32
1,1,1-Trichloroethane
Concen: 107.493 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 97 Resp: 328296

Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.4	77.0
61	42.7	31.4	47.0

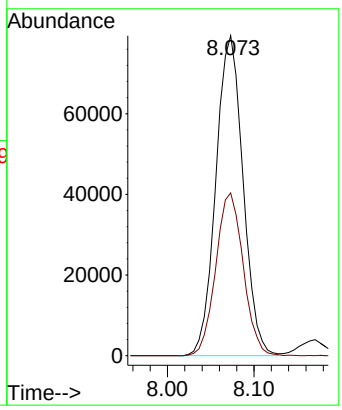




#33
1,2-Dichloroethane-d4
Concen: 106.741 ug/l
RT: 8.073 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 65 Resp: 17279

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	104.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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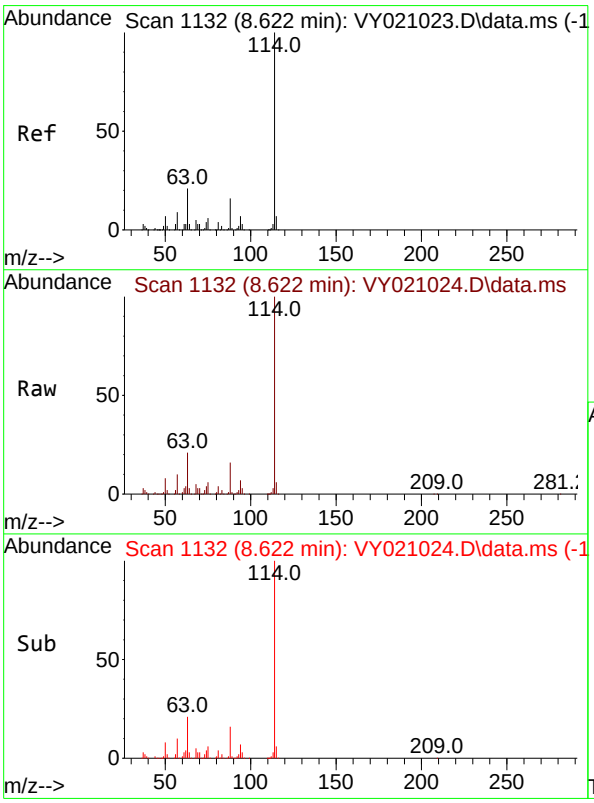
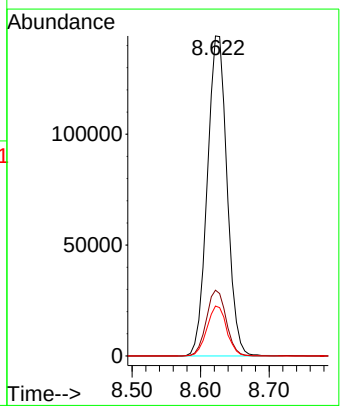
Supervised By :Semsettin Yesilyurt 02/04/2025

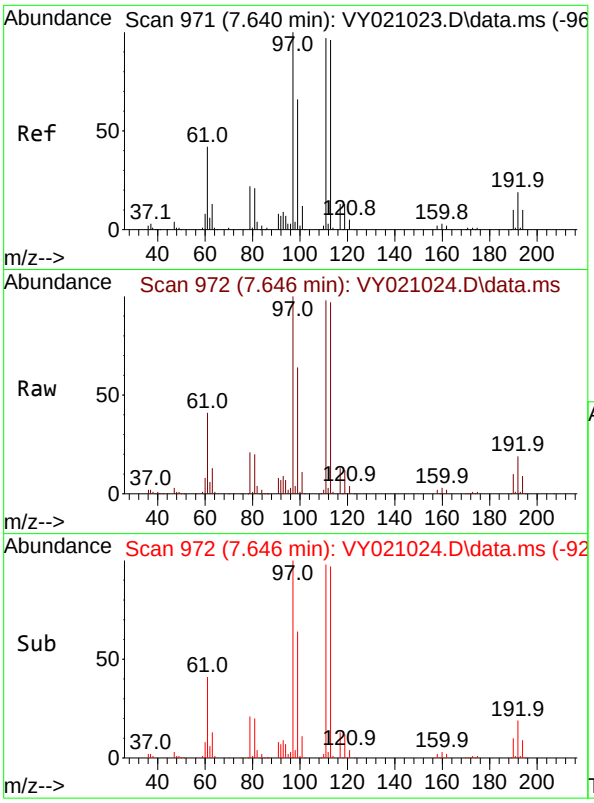


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:114 Resp: 289157

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	37.2
88	15.6	0.0	29.6





#35
Dibromofluoromethane
Concen: 98.858 ug/l
RT: 7.646 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:113 Resp: 17185

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	20.5	16.8	25.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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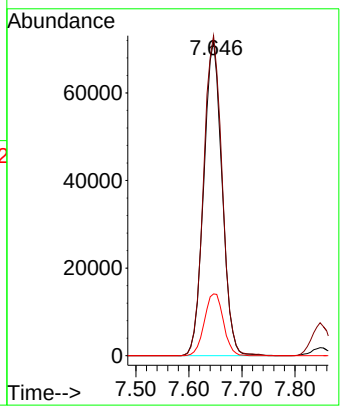
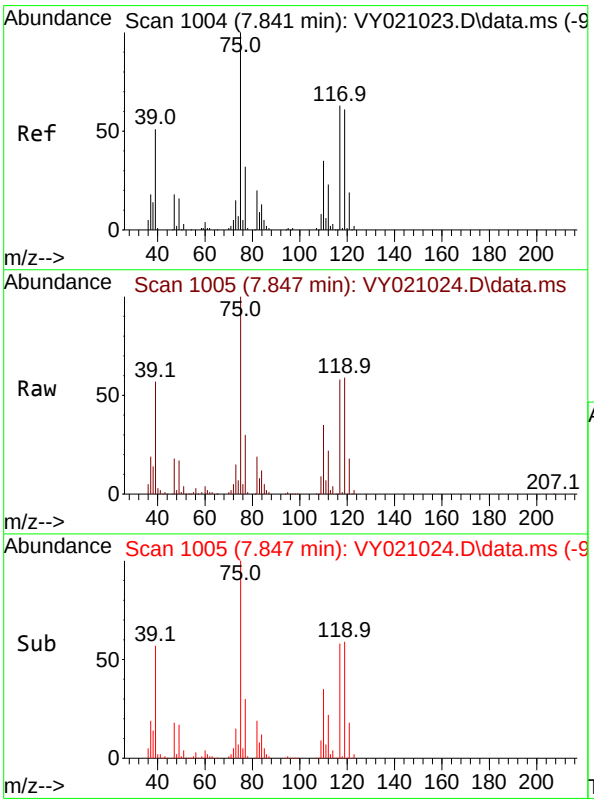
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

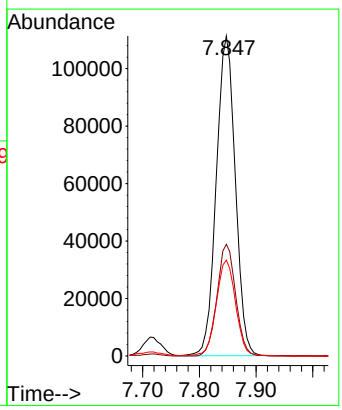


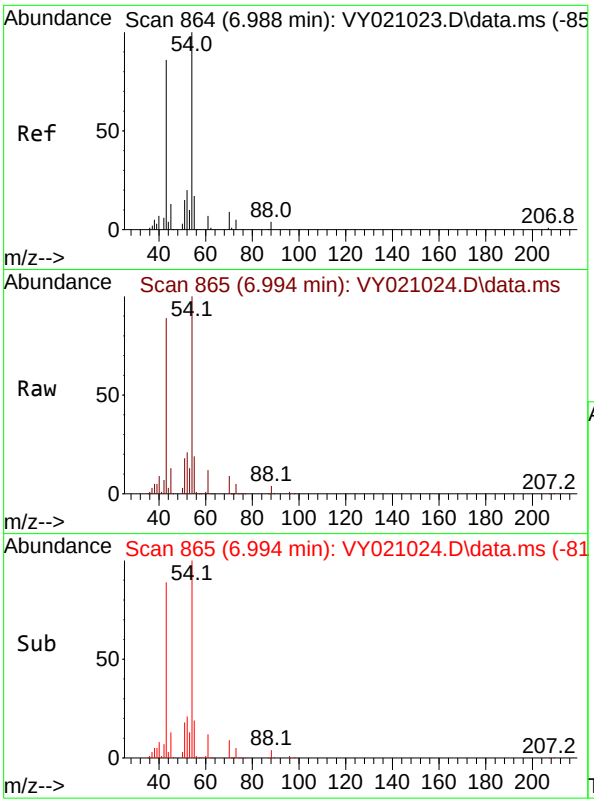


#36
1,1-Dichloropropene
Concen: 104.370 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 75 Resp: 258833

Ion	Ratio	Lower	Upper
75	100		
110	34.2	18.4	55.2
77	30.5	24.9	37.3





#37
Ethyl Acetate
Concen: 117.685 ug/l
RT: 6.994 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 43 Resp: 10880

Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.4	17.0
70	9.9	9.6	14.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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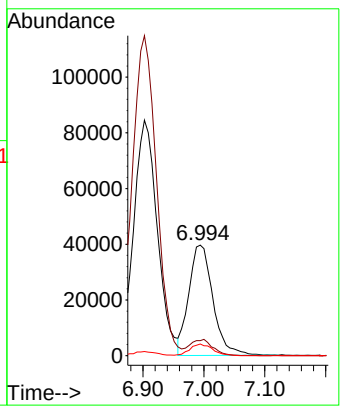
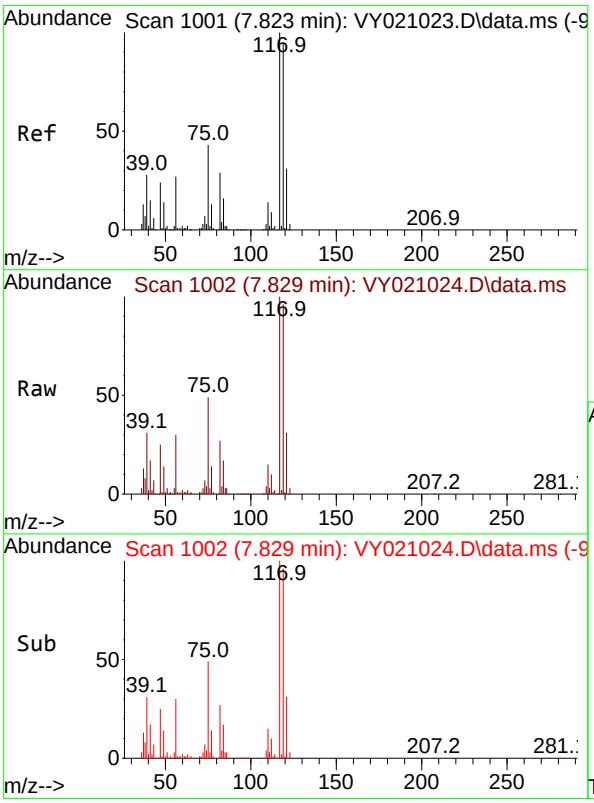
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

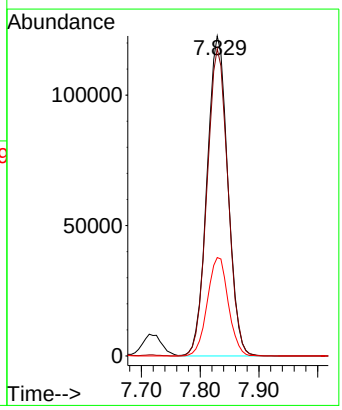


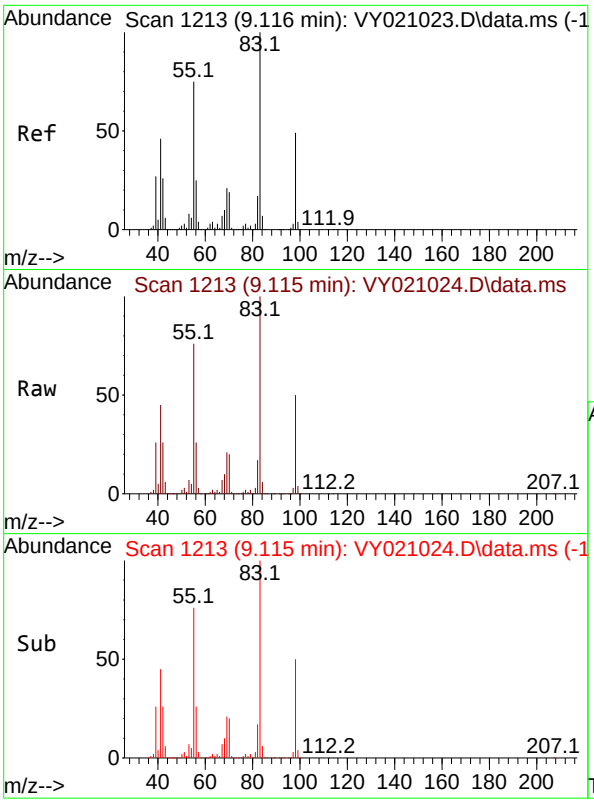


#38
Carbon Tetrachloride
Concen: 98.406 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:117 Resp: 302001

Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.0	112.6
121	30.8	24.2	36.2





#39
Methylcyclohexane
Concen: 99.014 ug/l
RT: 9.115 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 83 Resp: 32986

Ion	Ratio	Lower	Upper
83	100		
55	75.9	54.9	82.3
98	49.5	40.5	60.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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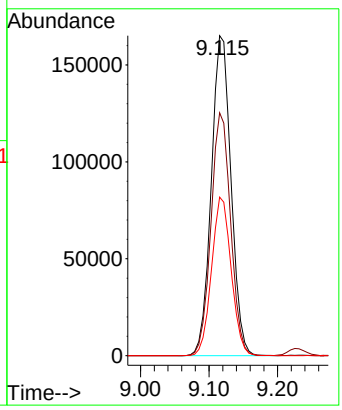
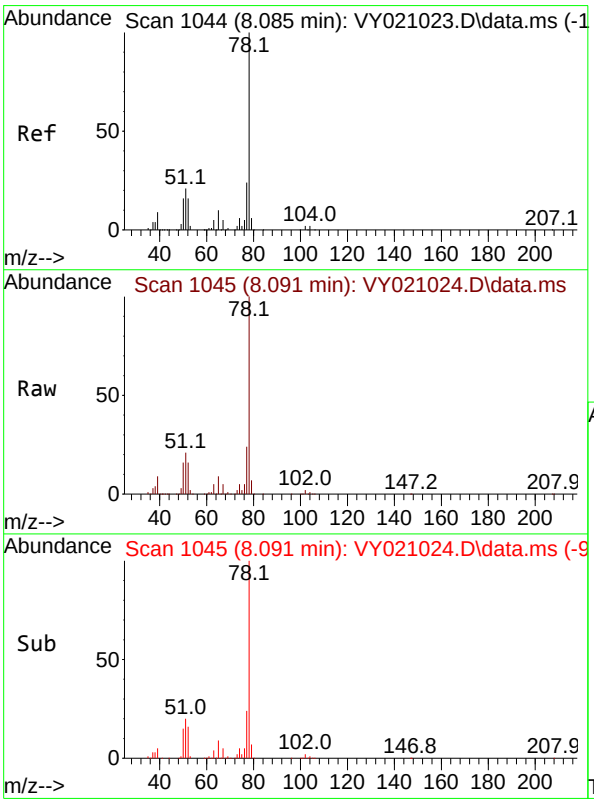
Supervised By :Semsettin Yesilyurt 02/04/2025

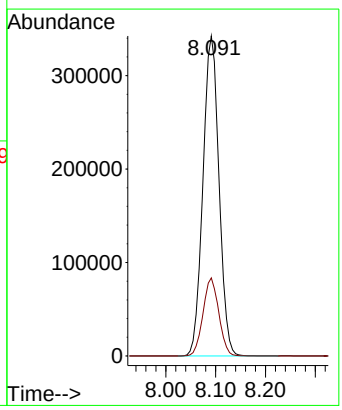


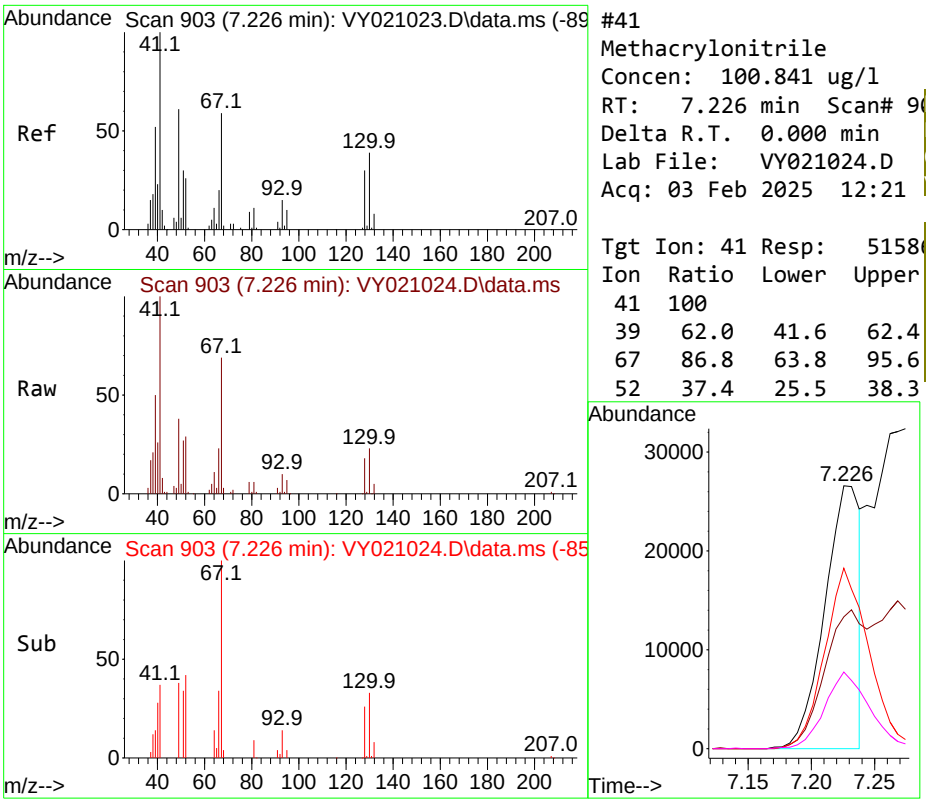


#40
Benzene
Concen: 104.883 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 78 Resp: 765340

Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.4	29.2





#41
Methacrylonitrile
Concen: 100.841 ug/l
RT: 7.226 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 41 Resp: 5158

Ion	Ratio	Lower	Upper
41	100		
39	62.0	41.6	62.4
67	86.8	63.8	95.6
52	37.4	25.5	38.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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Reviewed By :Mahesh Dadoda 02/04/2025
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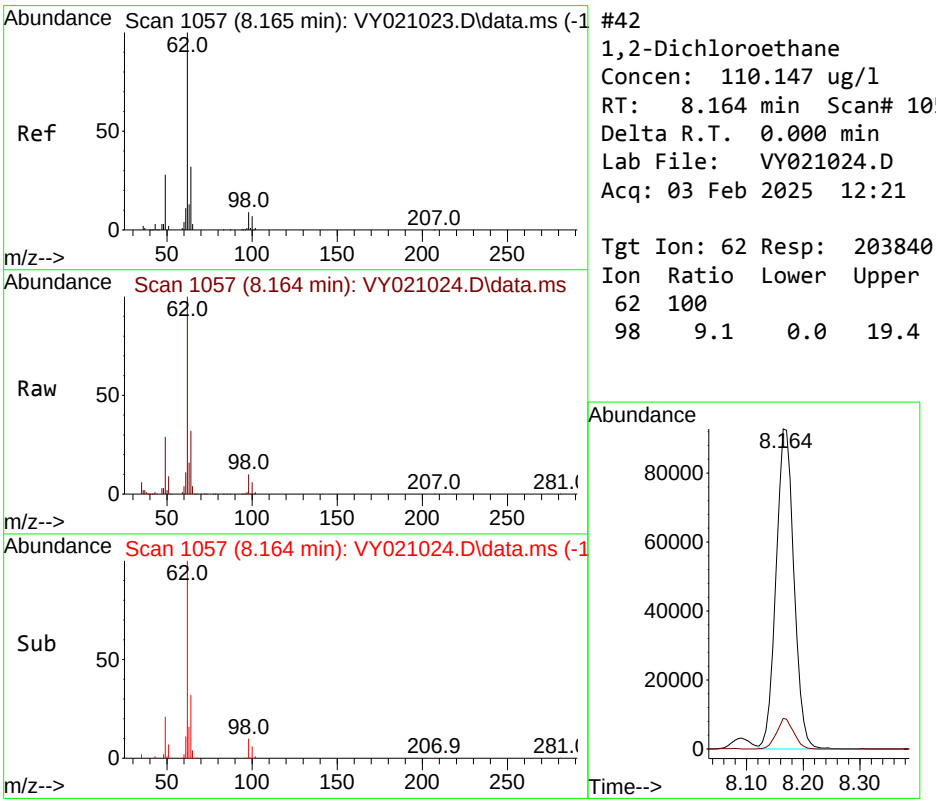
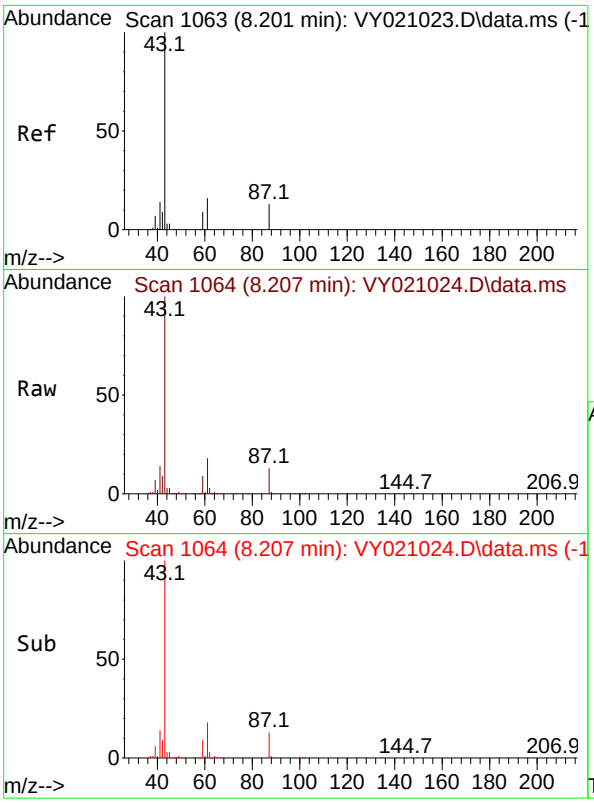


#42
1,2-Dichloroethane
Concen: 110.147 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 62 Resp: 203840

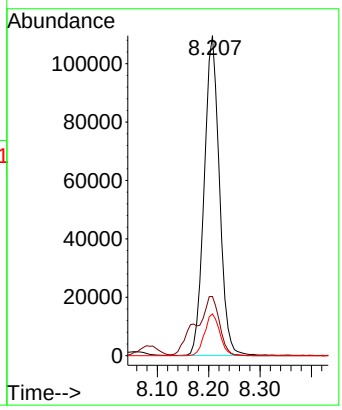
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.4



#43
Isopropyl Acetate
Concen: 121.752 ug/l
RT: 8.207 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 43 Resp: 22488

Ion	Ratio	Lower	Upper
43	100		
61	28.6	15.8	23.6
87	13.1	12.5	18.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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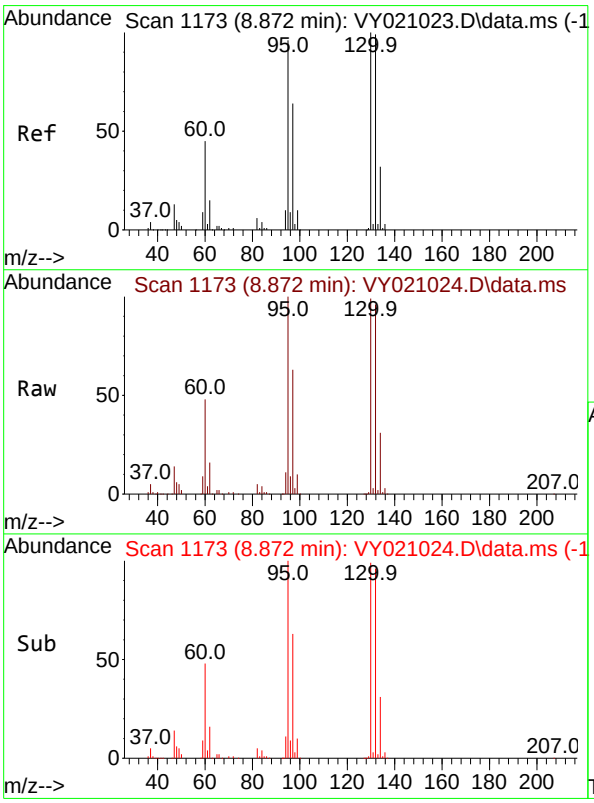
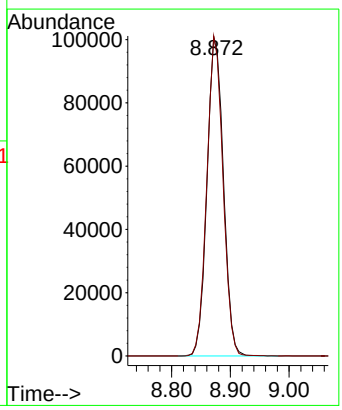
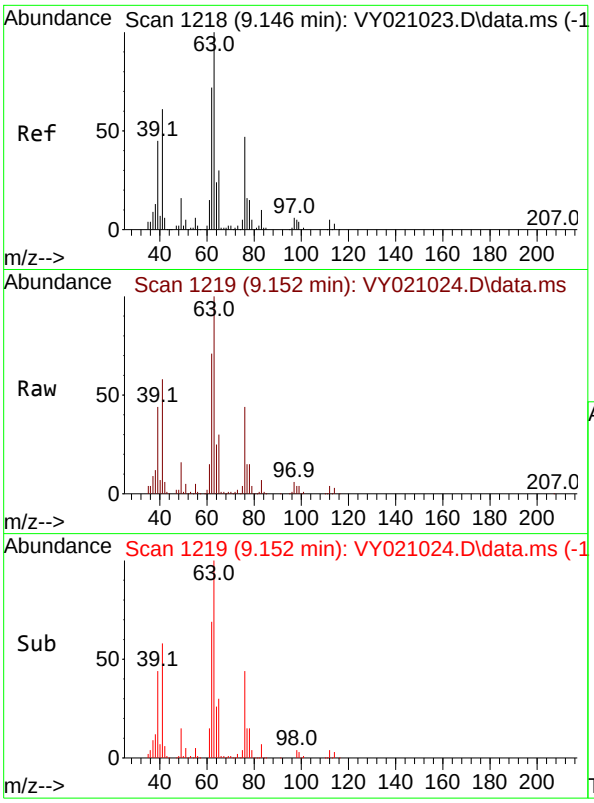


#44
Trichloroethene
Concen: 97.046 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:130 Resp: 195403

Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	189.6

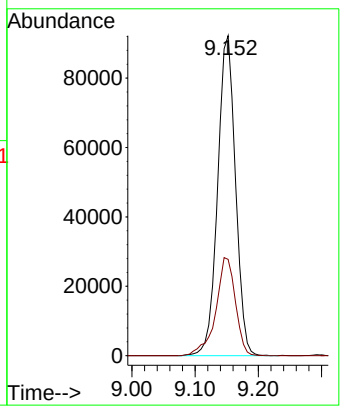




#45
1,2-Dichloropropane
Concen: 110.034 ug/l
RT: 9.152 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 63 Resp: 17996

Ion	Ratio	Lower	Upper
63	100		
65	30.1	23.6	35.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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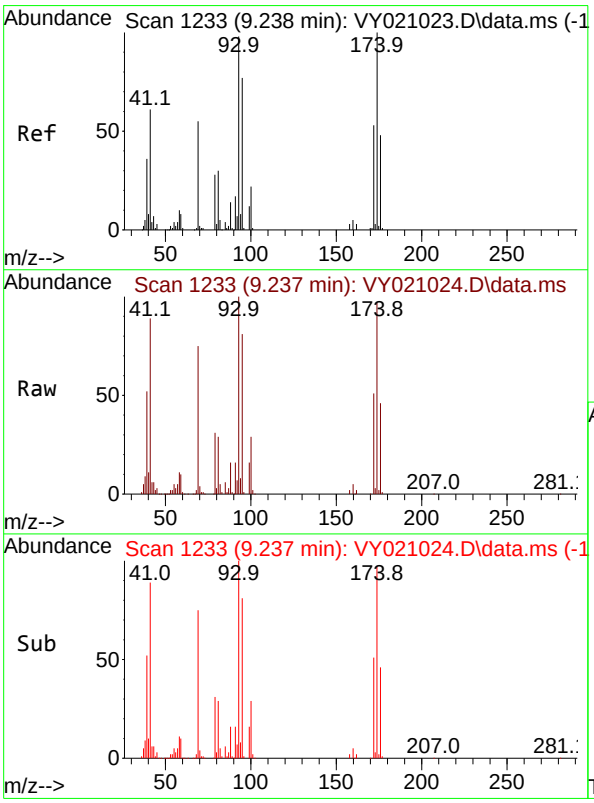
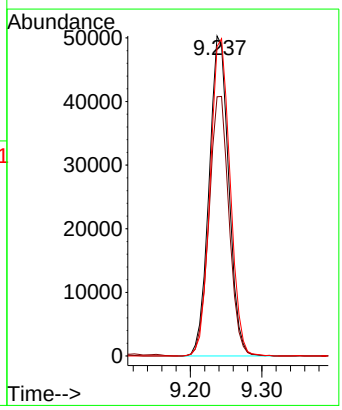
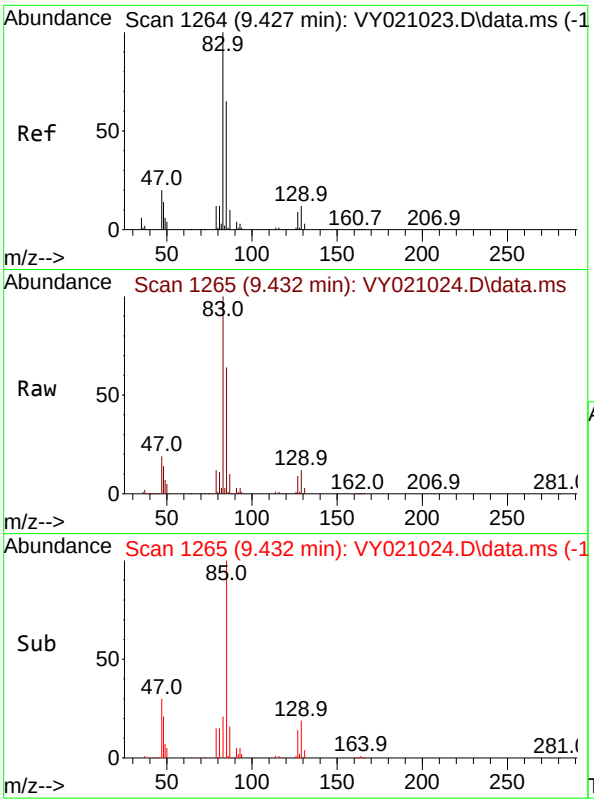


#46
Dibromomethane
Concen: 100.827 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 93 Resp: 95968

Ion	Ratio	Lower	Upper
93	100		
95	82.3	65.8	98.8
174	100.7	88.1	132.1

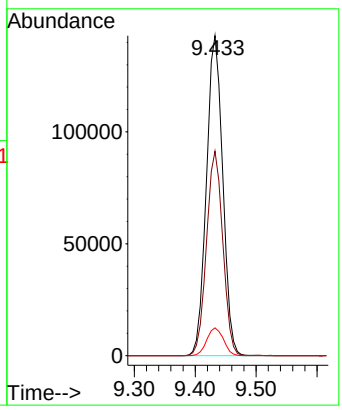




#47
Bromodichloromethane
Concen: 106.226 ug/l
RT: 9.432 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 83 Resp: 26551

Ion	Ratio	Lower	Upper
83	100		
85	63.9	49.6	74.4
127	8.7	7.1	10.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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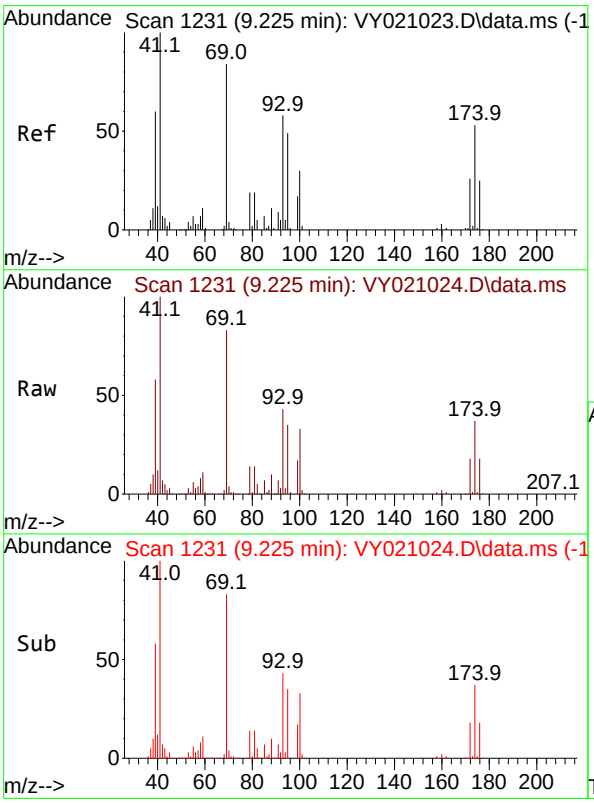
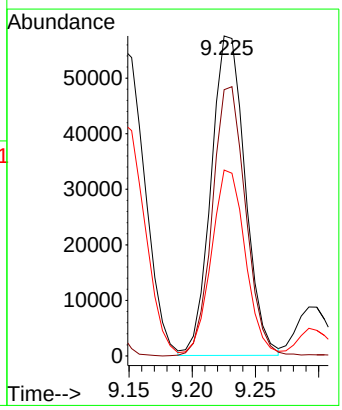
Supervised By :Semsettin Yesilyurt 02/04/2025

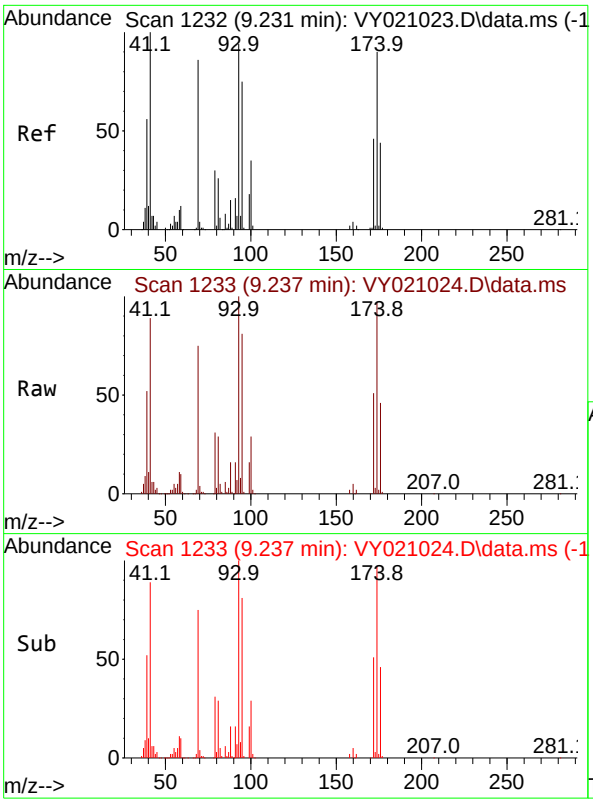


#48
Methyl methacrylate
Concen: 122.427 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 41 Resp: 107661

Ion	Ratio	Lower	Upper
41	100		
69	82.8	75.6	113.4
39	56.2	41.3	61.9

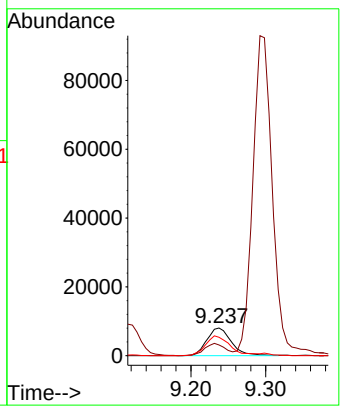




#49
1,4-Dioxane
Concen: 1817.108 ug/l
RT: 9.237 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 88 Resp: 1837

Ion	Ratio	Lower	Upper
88	100		
43	37.9	24.2	36.4
58	71.1	57.3	85.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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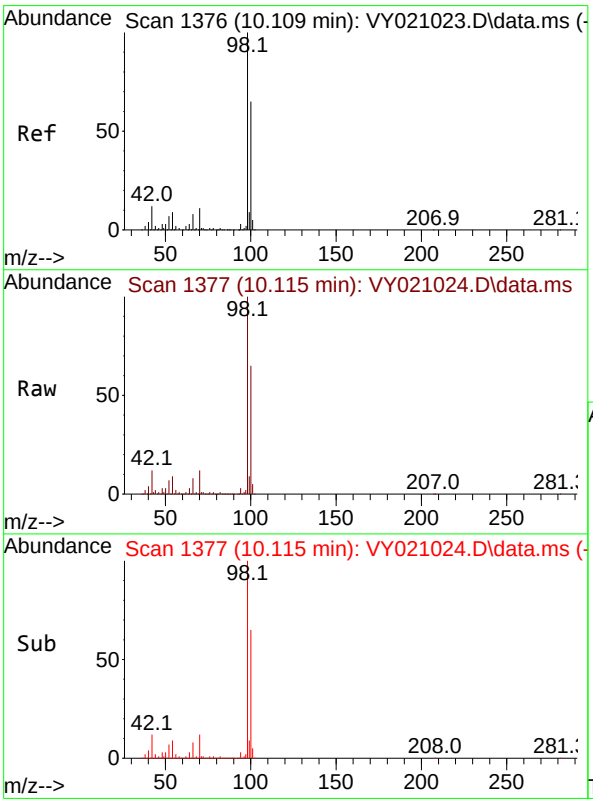
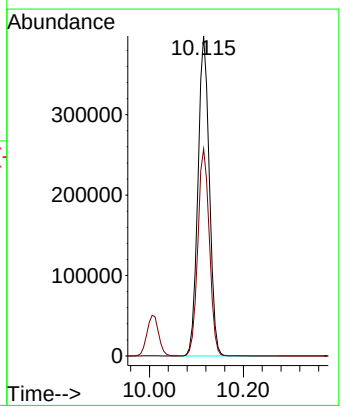
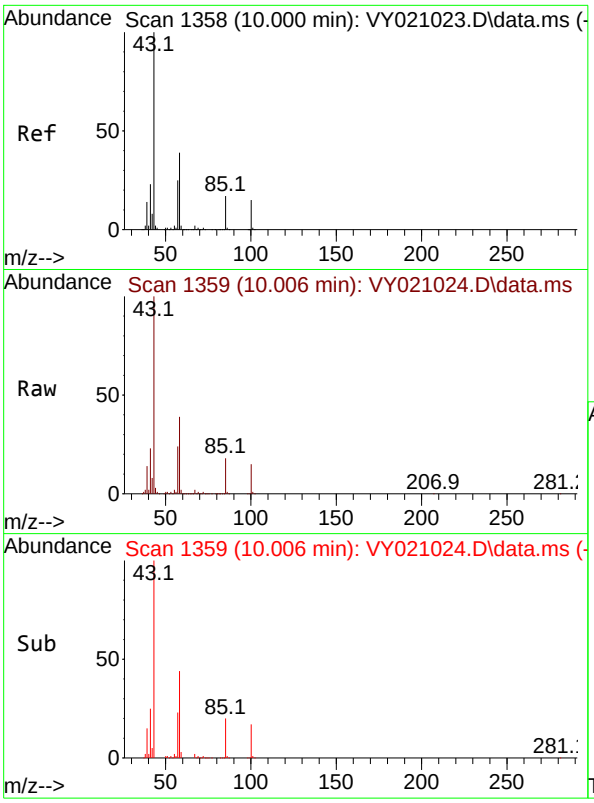


#50
Toluene-d8
Concen: 98.702 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 98 Resp: 669691

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.6	79.0

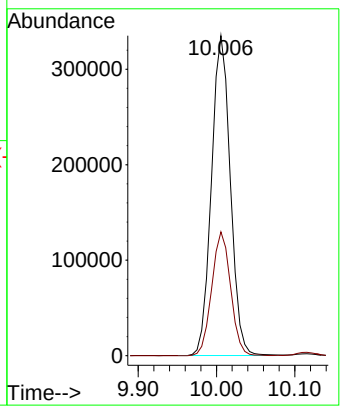




#51
4-Methyl-2-Pentanone
Concen: 592.226 ug/l
RT: 10.006 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 43 Resp: 56208

Ion	Ratio	Lower	Upper
43	100		
58	38.7	33.8	50.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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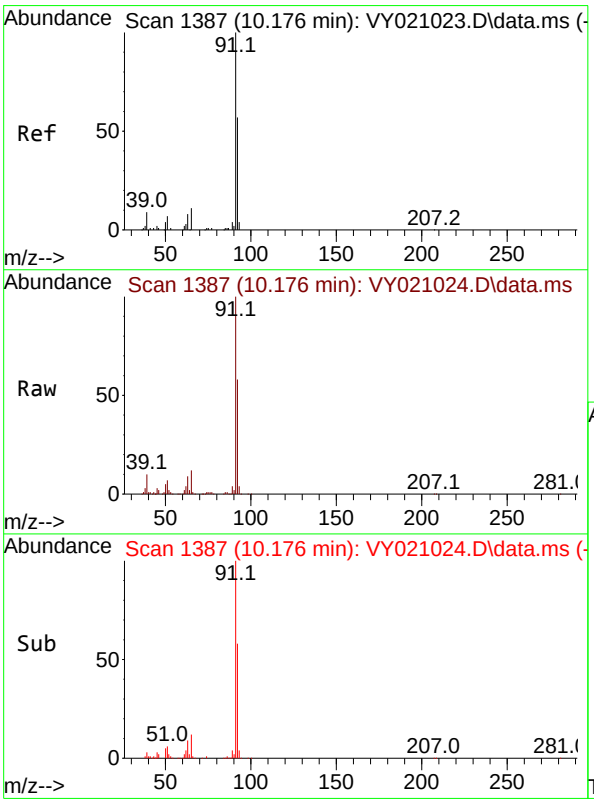
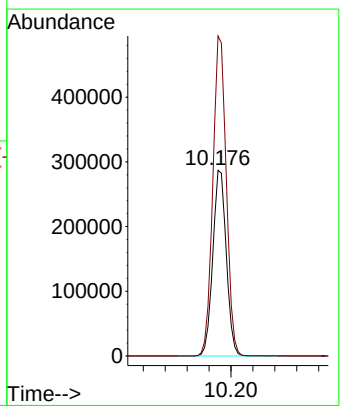
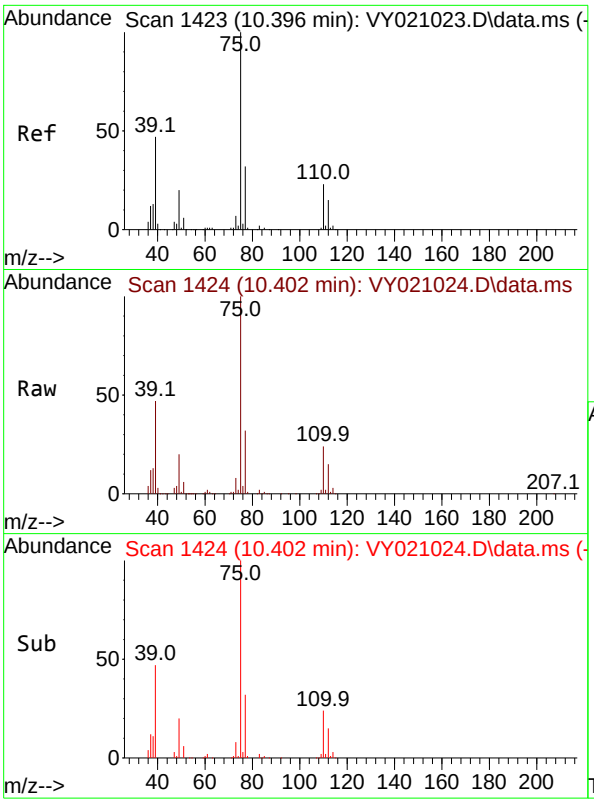


#52
Toluene
Concen: 103.090 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 92 Resp: 488296

Ion	Ratio	Lower	Upper
92	100		
91	171.7	135.8	203.8

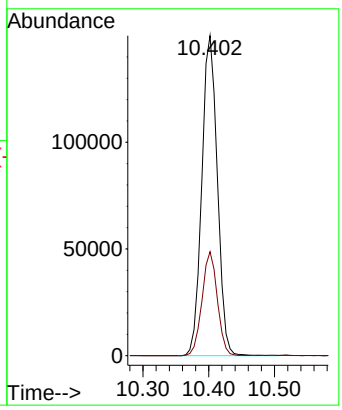




#53
t-1,3-Dichloropropene
Concen: 109.097 ug/l
RT: 10.402 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 75 Resp: 24676

Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.9	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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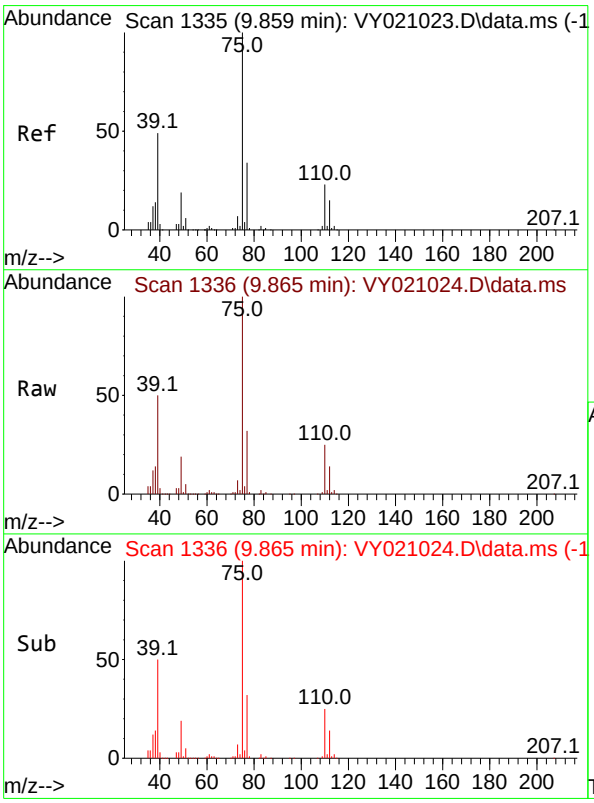
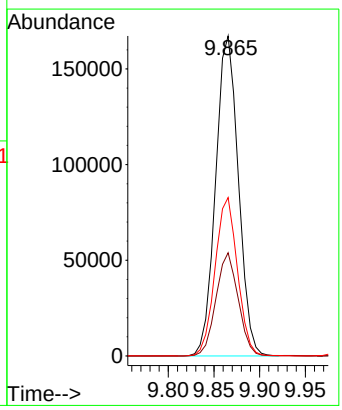
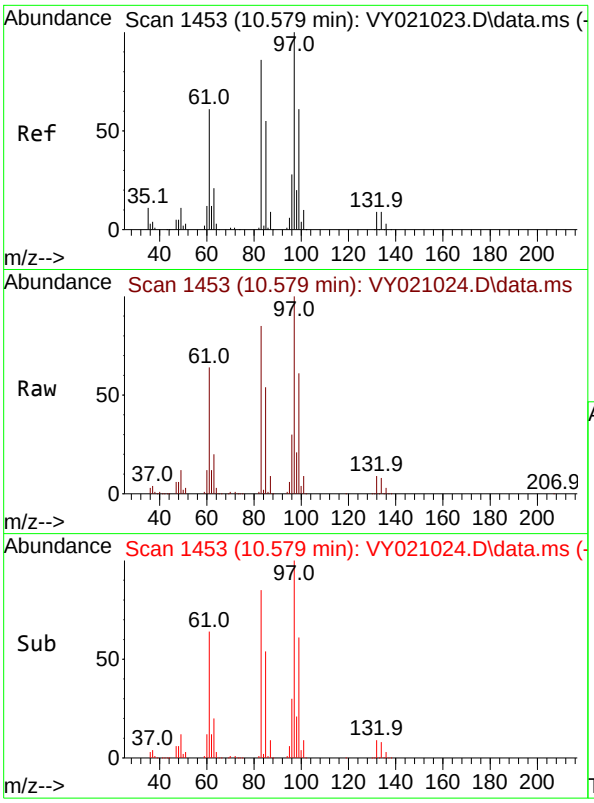


#54
cis-1,3-Dichloropropene
Concen: 107.141 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 75 Resp: 289643

Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.4	38.0
39	49.5	32.2	48.2#

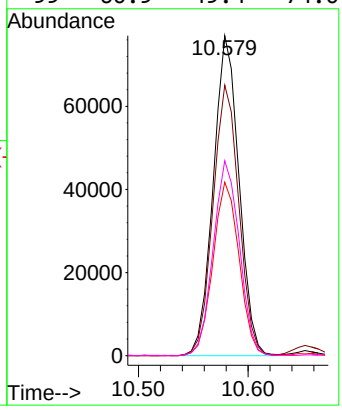




#55
1,1,2-Trichloroethane
Concen: 99.248 ug/l
RT: 10.579 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 97 Resp: 12562

Ion	Ratio	Lower	Upper
97	100		
83	84.5	67.7	101.5
85	54.2	43.4	65.2
99	60.9	49.4	74.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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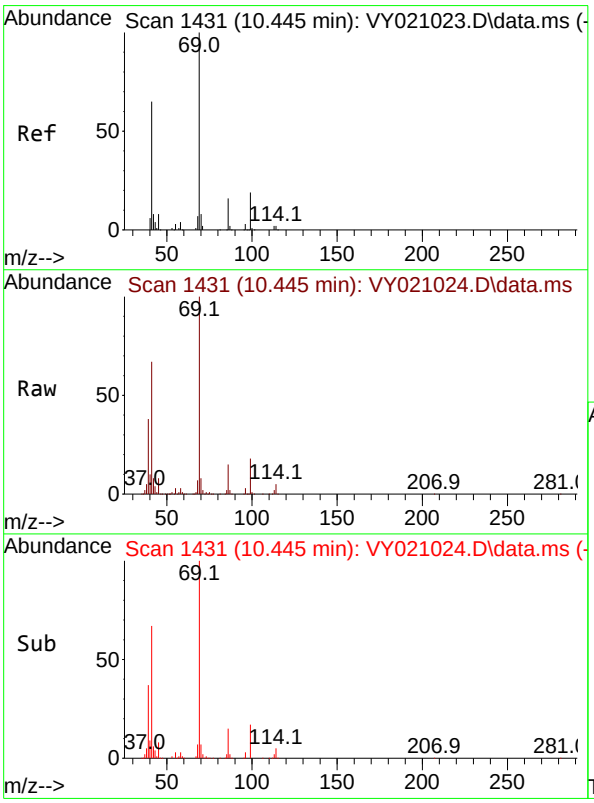
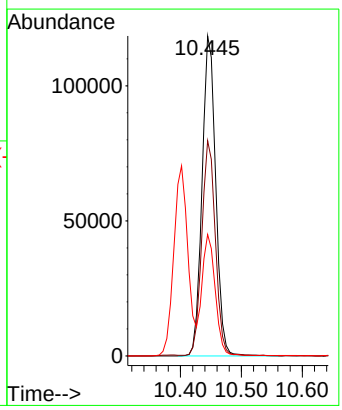
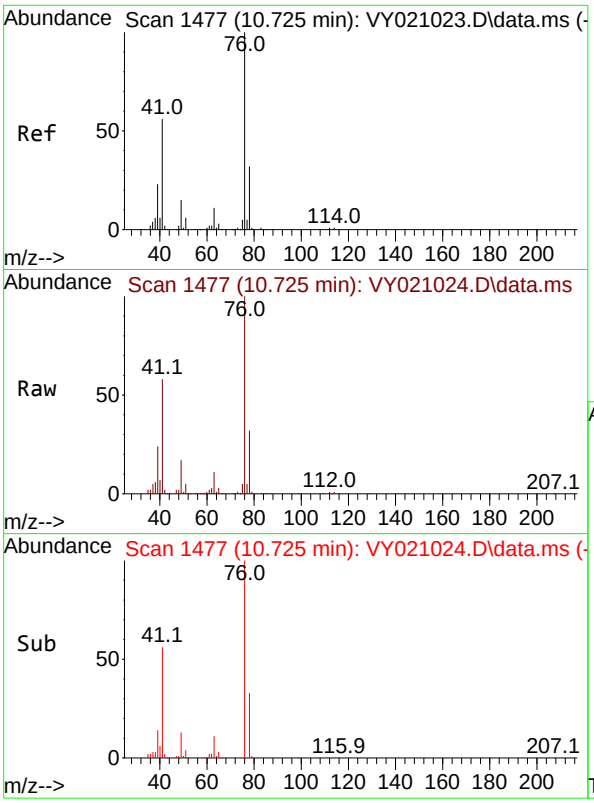


#56
Ethyl methacrylate
Concen: 111.337 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 69 Resp: 184212

Ion	Ratio	Lower	Upper
69	100		
41	66.9	46.3	69.5
39	36.5	24.5	36.7

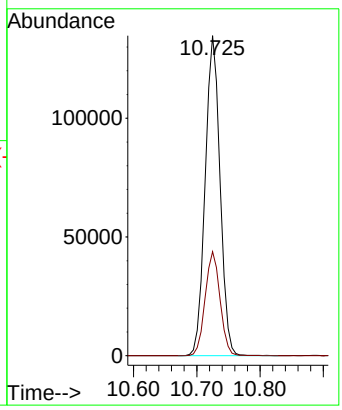




#57
1,3-Dichloropropane
Concen: 102.639 ug/l
RT: 10.725 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 76 Resp: 22020

Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.8	38.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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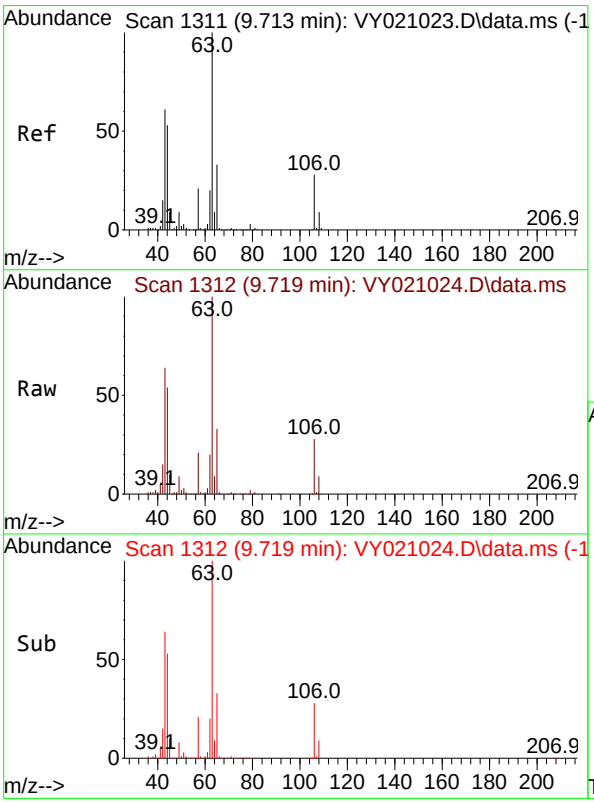
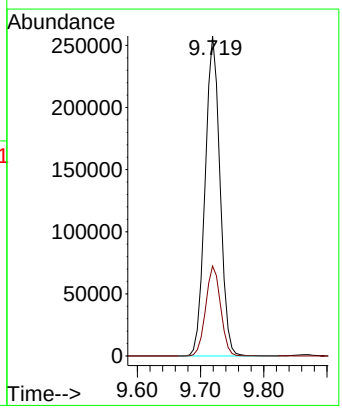
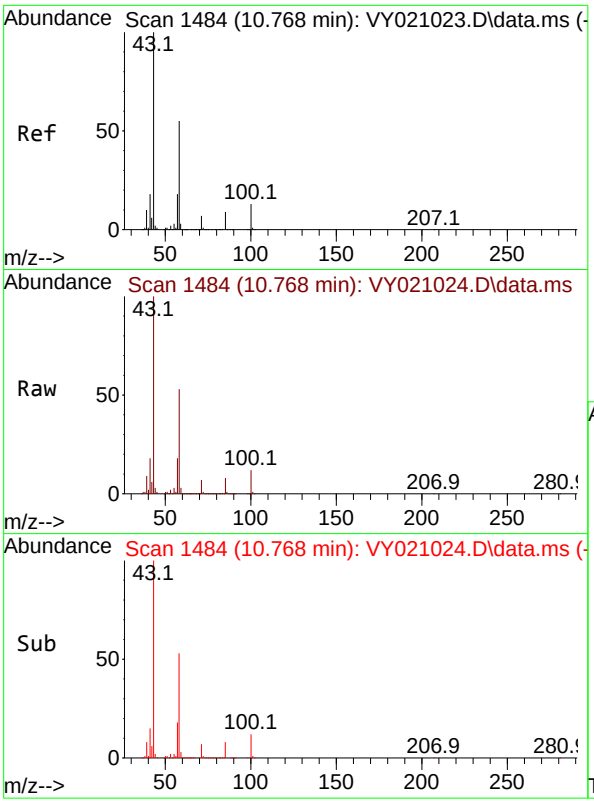


#58
2-Chloroethyl Vinyl ether
Concen: 599.795 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 63 Resp: 421206

Ion	Ratio	Lower	Upper
63	100		
106	28.2	24.7	37.1





#59
2-Hexanone
Concen: 605.028 ug/l
RT: 10.768 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 43 Resp: 37324

Ion	Ratio	Lower	Upper
43	100		
58	53.4	29.8	89.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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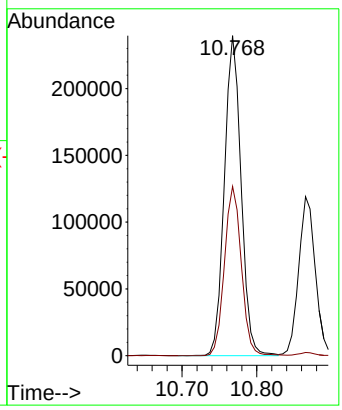
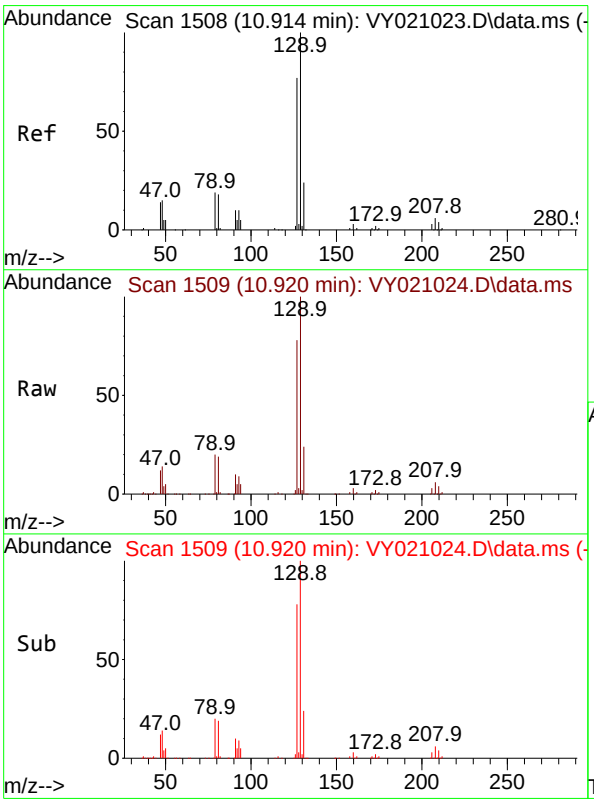
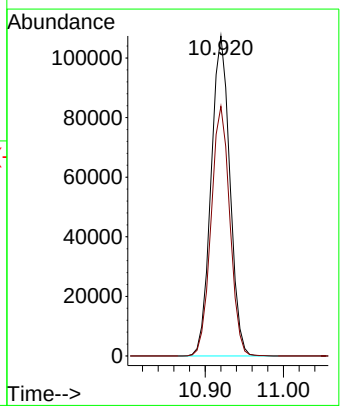


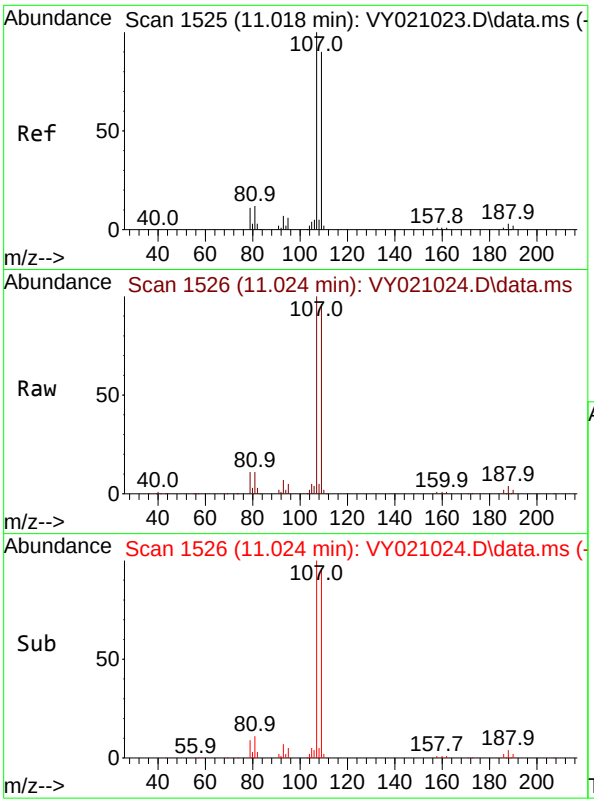


#60
Dibromochloromethane
Concen: 99.202 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:129 Resp: 179036

Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.5	115.3

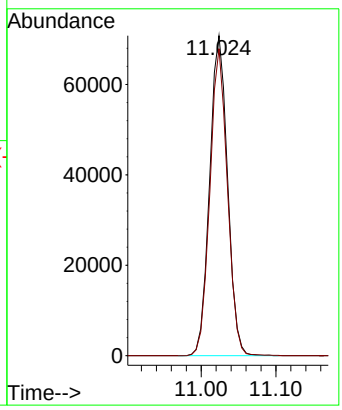




#61
1,2-Dibromoethane
Concen: 97.250 ug/l
RT: 11.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:107 Resp: 11757

Ion	Ratio	Lower	Upper
107	100		
109	93.9	76.6	114.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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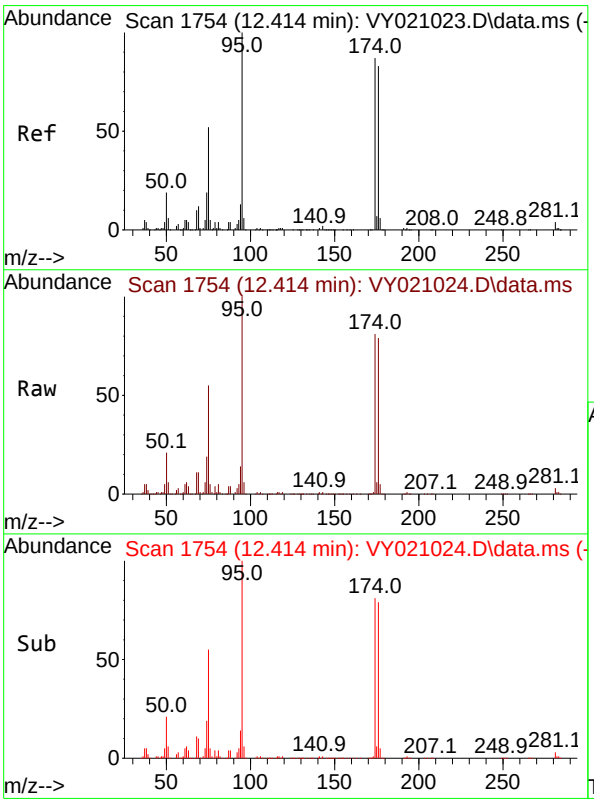
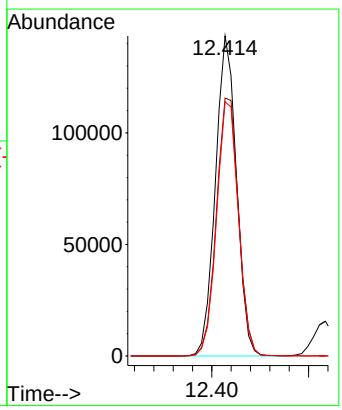
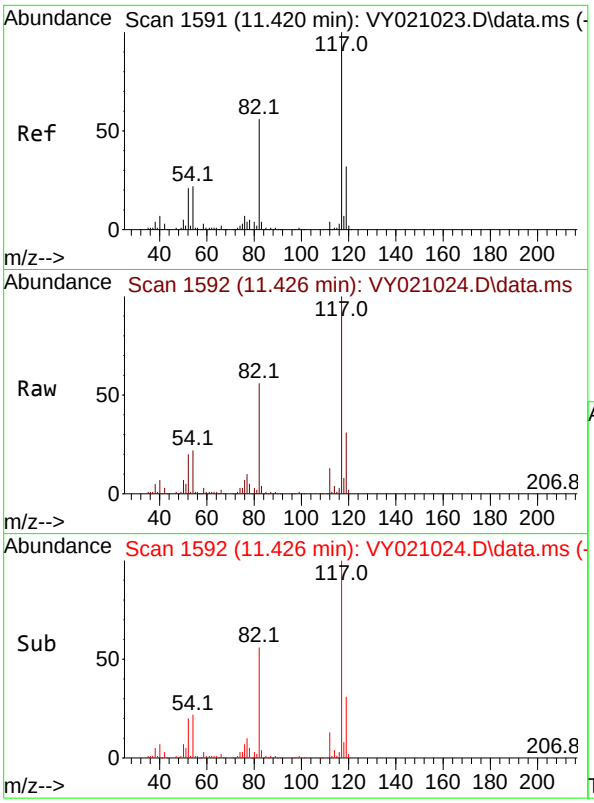


#62
4-Bromofluorobenzene
Concen: 95.157 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 95 Resp: 216644

Ion	Ratio	Lower	Upper
95	100		
174	84.9	0.0	181.2
176	82.0	0.0	175.2

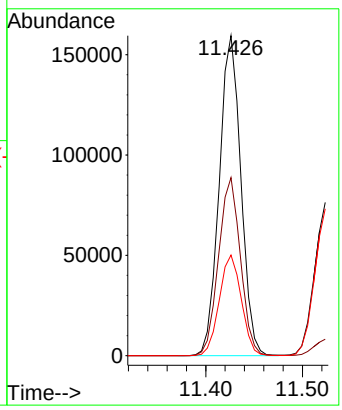




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:117 Resp: 24817

Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.2	66.2
119	31.5	25.9	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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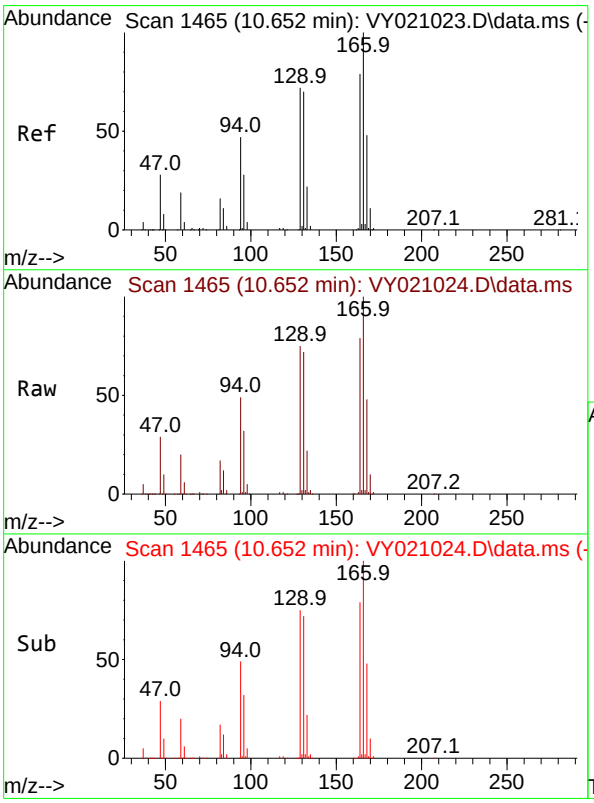
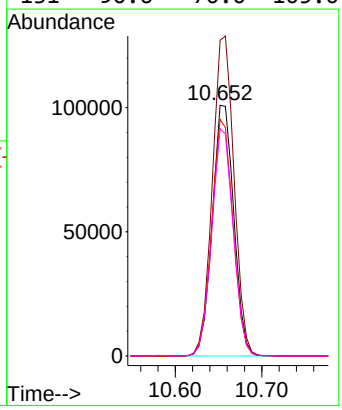
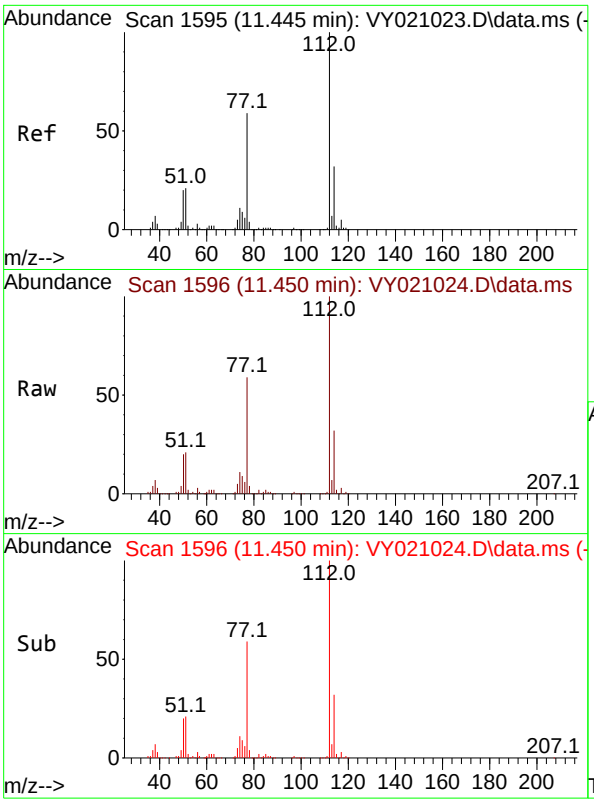


#64
Tetrachloroethene
Concen: 93.066 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:164 Resp: 174223

Ion	Ratio	Lower	Upper
164	100		
166	125.9	100.4	150.6
129	94.4	70.8	106.2
131	90.6	70.0	105.0

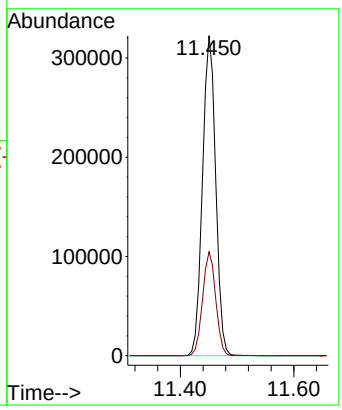




#65
Chlorobenzene
Concen: 99.441 ug/l
RT: 11.450 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:112 Resp: 51994

Ion	Ratio	Lower	Upper
112	100		
114	32.5	24.6	37.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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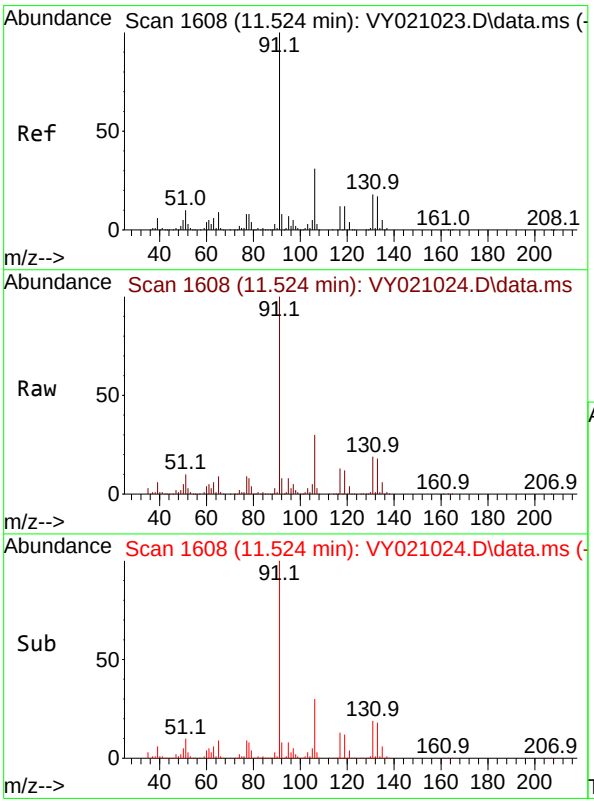
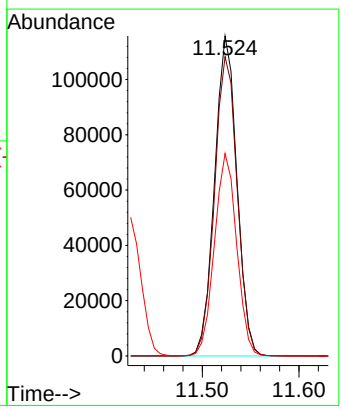
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

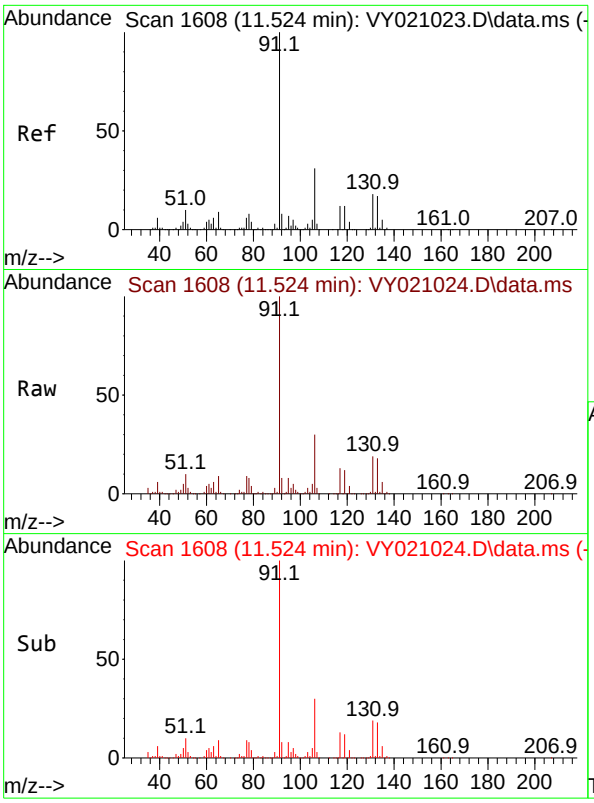


#66
1,1,1,2-Tetrachloroethane
Concen: 99.917 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:131 Resp: 185418

Ion	Ratio	Lower	Upper
131	100		
133	95.2	48.7	146.1
119	63.0	31.4	94.3





#67
Ethyl Benzene
Concen: 104.939 ug/l
RT: 11.524 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 91 Resp: 9500

Ion	Ratio	Lower	Upper
91	100		
106	30.1	24.9	37.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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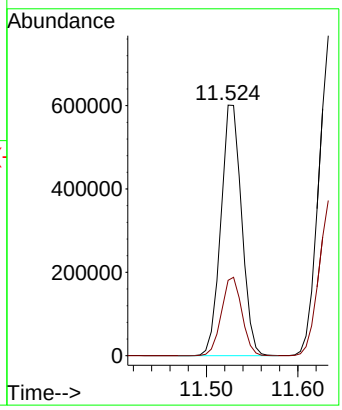
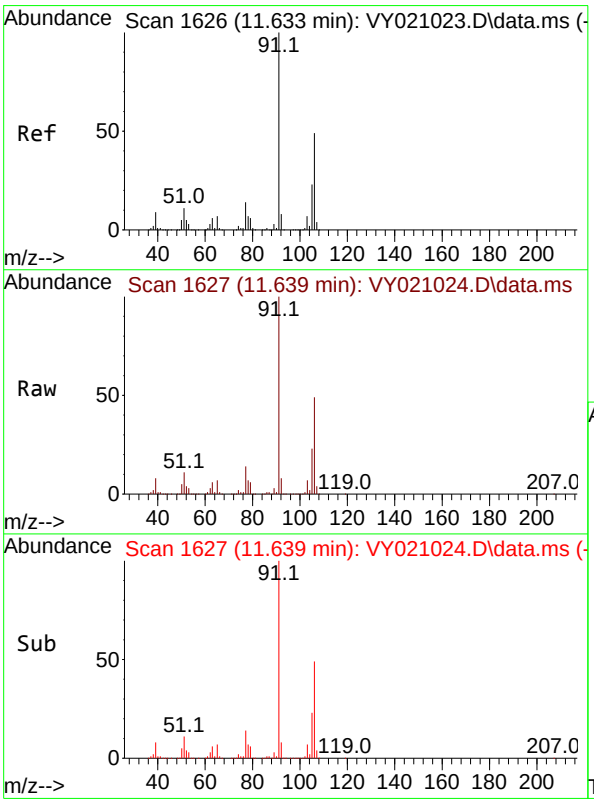
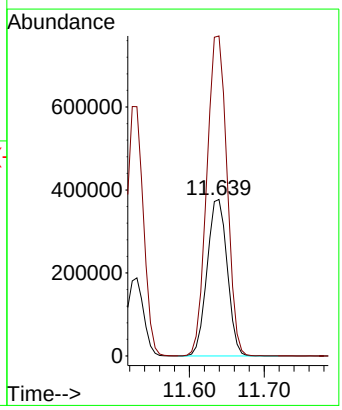


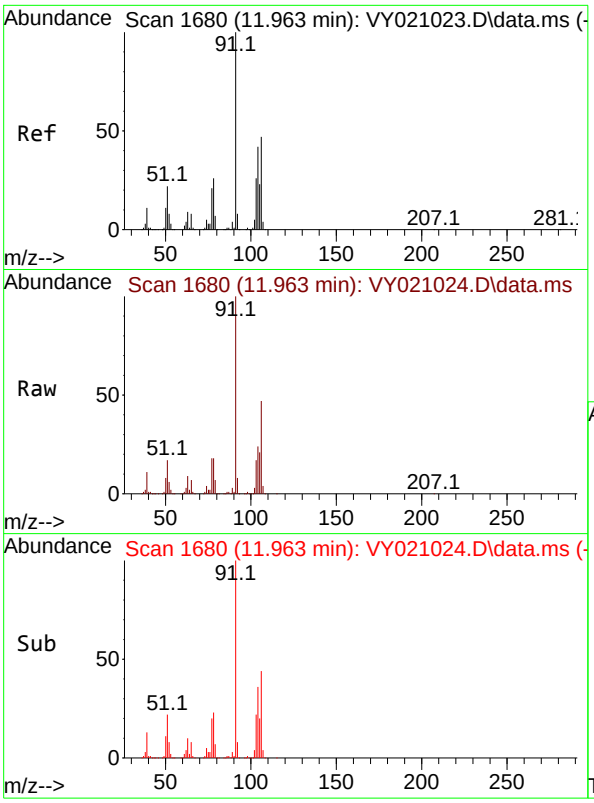


#68
m/p-Xylenes
Concen: 202.801 ug/l
RT: 11.639 min Scan# 1627
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:106 Resp: 705393

Ion	Ratio	Lower	Upper
106	100		
91	205.1	160.0	240.0





#69
o-Xylene
Concen: 102.783 ug/l
RT: 11.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:106 Resp: 33234

Ion	Ratio	Lower	Upper
106	100		
91	216.9	105.8	317.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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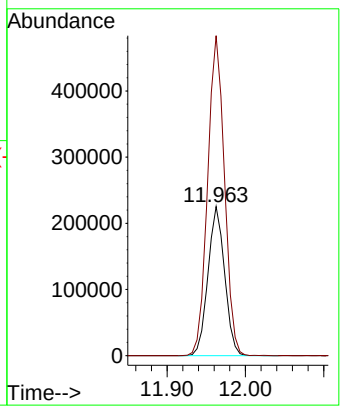
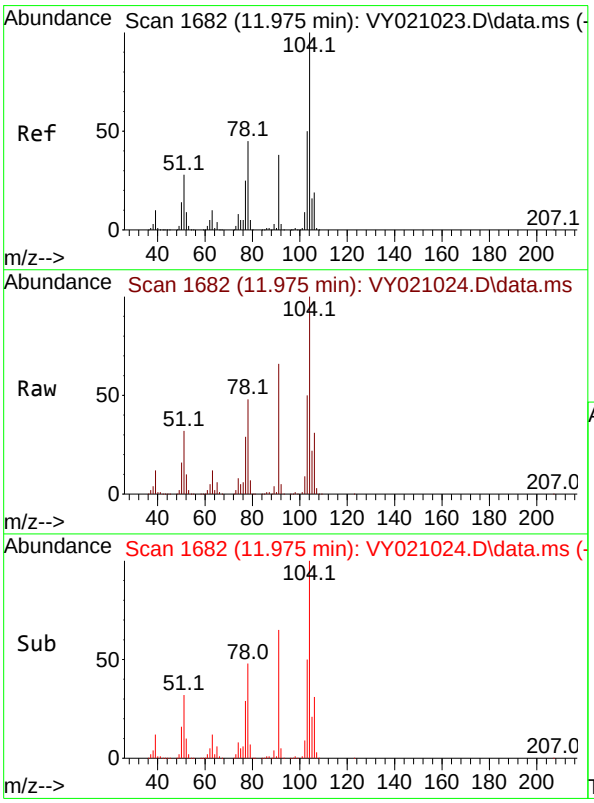
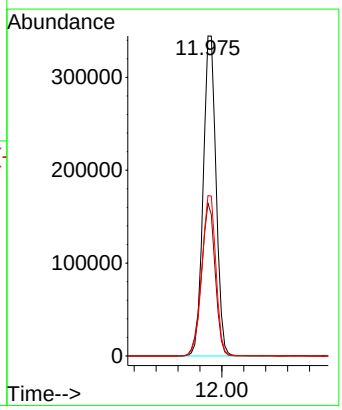


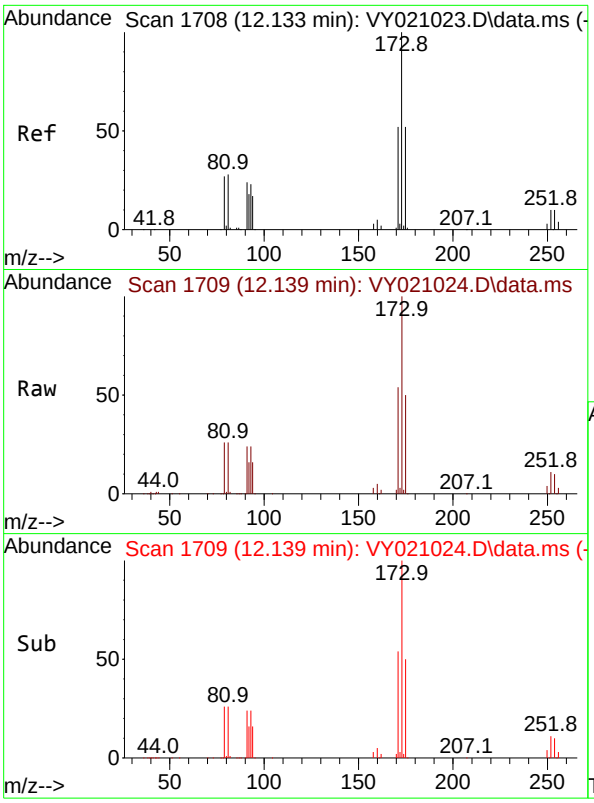


#70
Styrene
Concen: 104.245 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:104 Resp: 559633

Ion	Ratio	Lower	Upper
104	100		
78	50.9	39.0	58.4
103	54.6	43.7	65.5

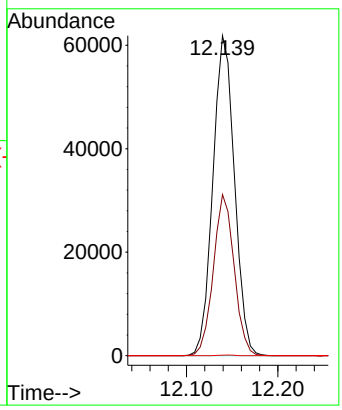




#71
Bromoform
Concen: 92.910 ug/l
RT: 12.139 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:173 Resp: 10161

Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.1	72.2
254	0.1	0.0	0.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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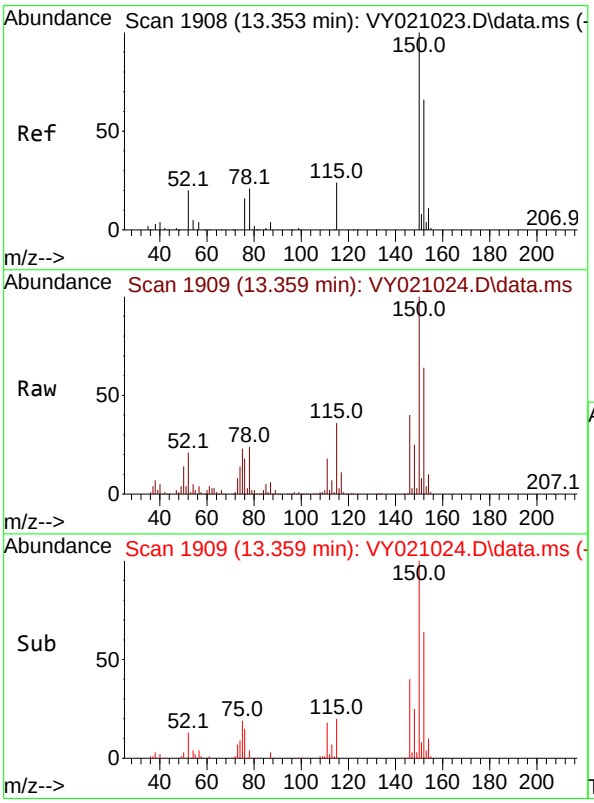
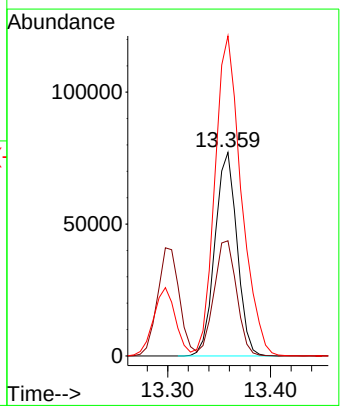
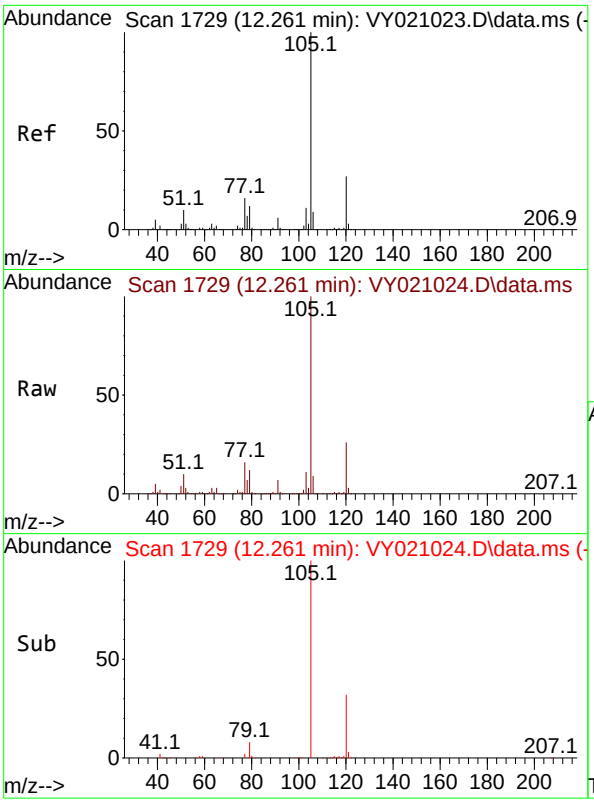


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:152 Resp: 115163

Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.4	85.2
150	188.0	0.0	342.8

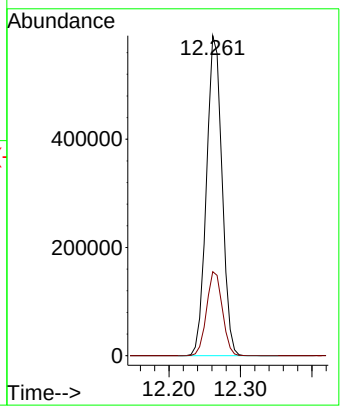




#73
Isopropylbenzene
Concen: 110.247 ug/l
RT: 12.261 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:105 Resp: 89169

Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.4	40.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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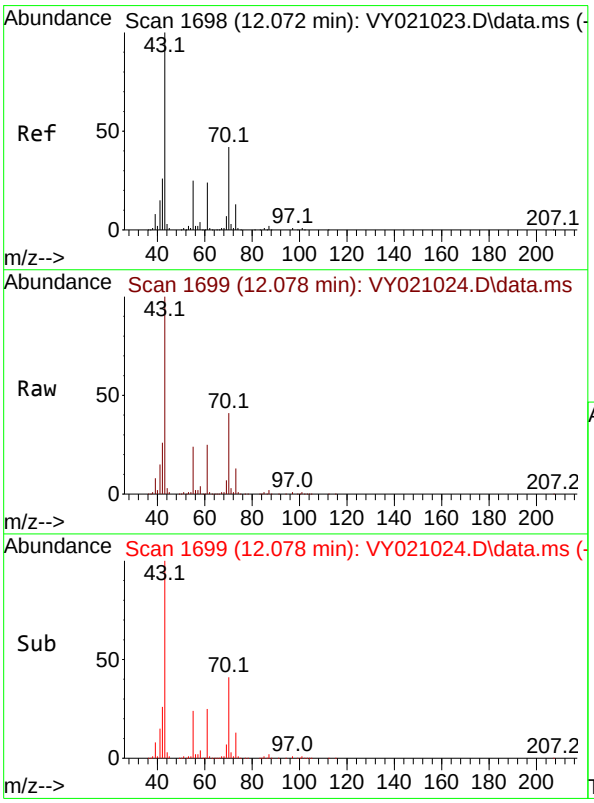
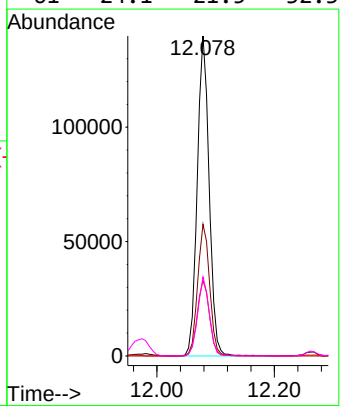
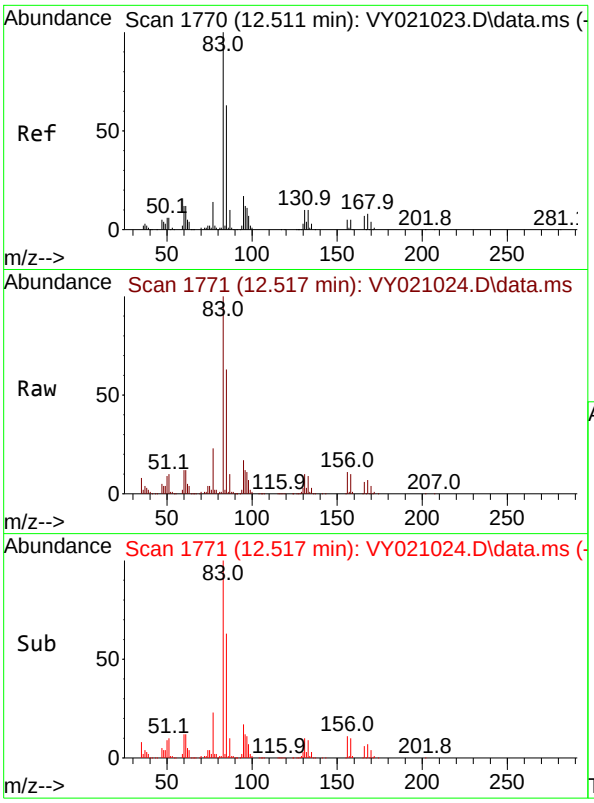


#74
N-amyl acetate
Concen: 133.629 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 43 Resp: 196809

Ion	Ratio	Lower	Upper
43	100		
70	41.4	39.3	58.9
55	24.2	22.3	33.5
61	24.1	21.5	32.3

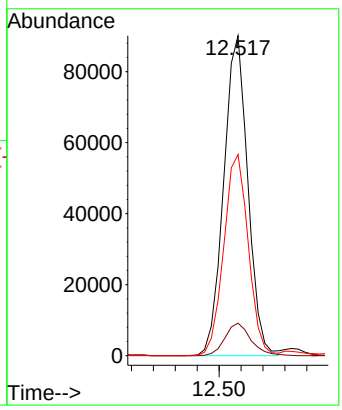




#75
1,1,2,2-Tetrachloroethane
Concen: 105.393 ug/l
RT: 12.517 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 83 Resp: 13759

Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.7	17.1
85	64.0	31.9	95.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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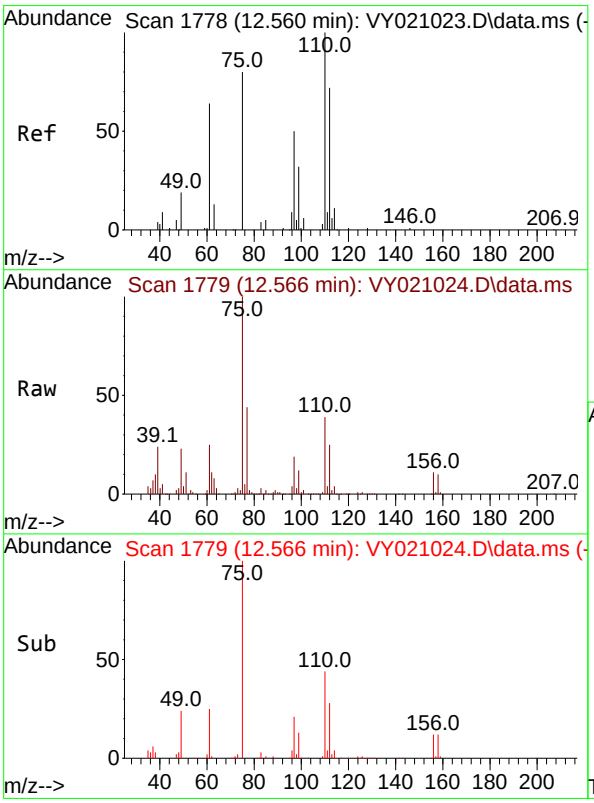
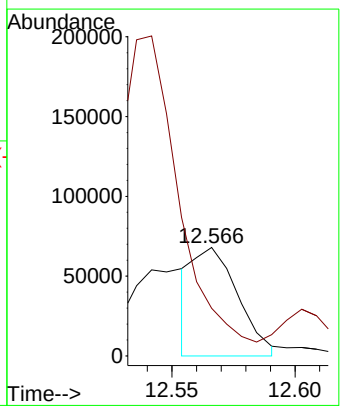
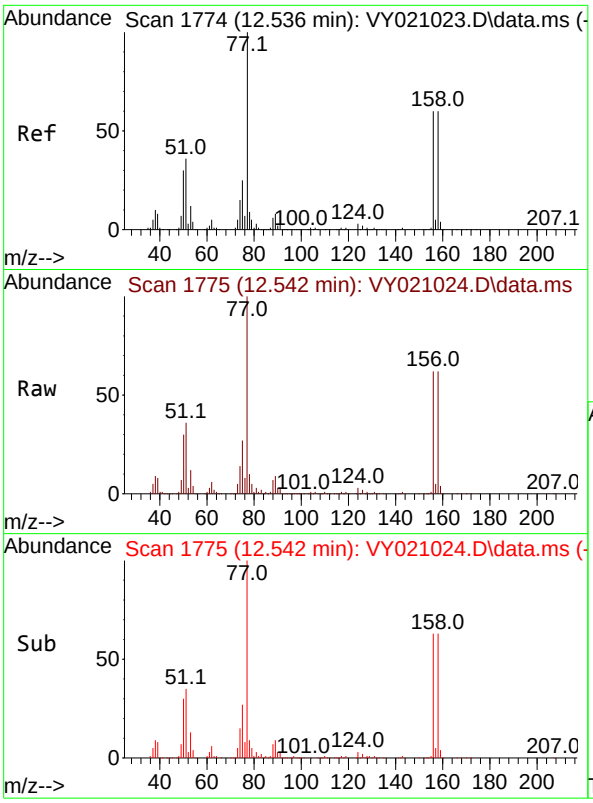


#76
1,2,3-Trichloropropane
Concen: 95.537 ug/l m
RT: 12.566 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 75 Resp: 87097

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

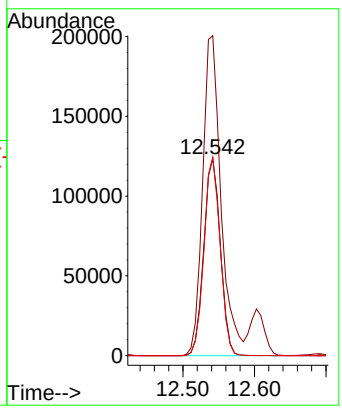




#77
Bromobenzene
Concen: 103.627 ug/l
RT: 12.542 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:156 Resp: 19871

Ion	Ratio	Lower	Upper
156	100		
77	179.5	83.3	249.9
158	98.1	48.3	144.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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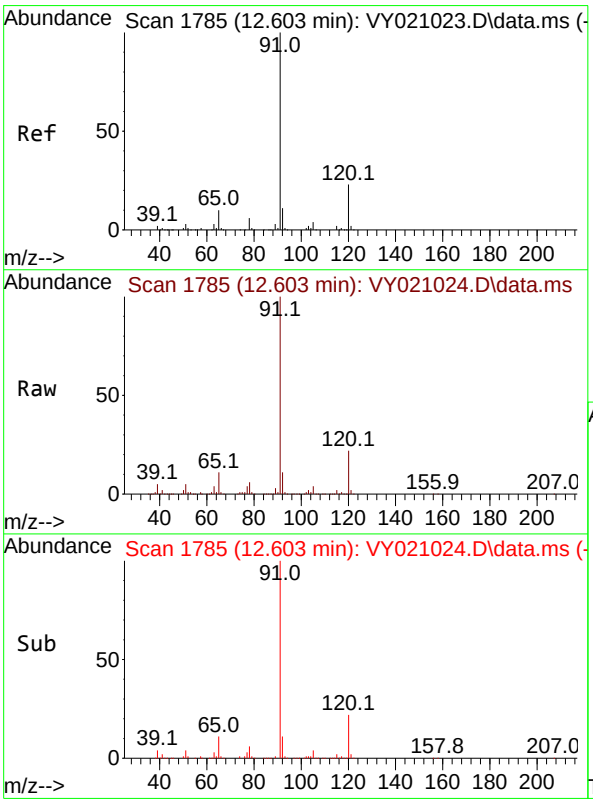
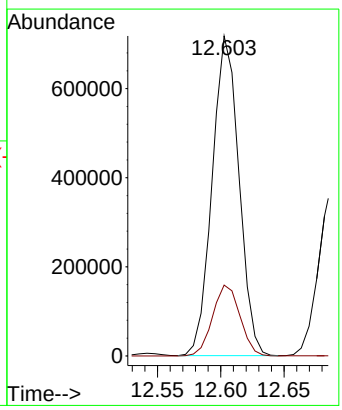
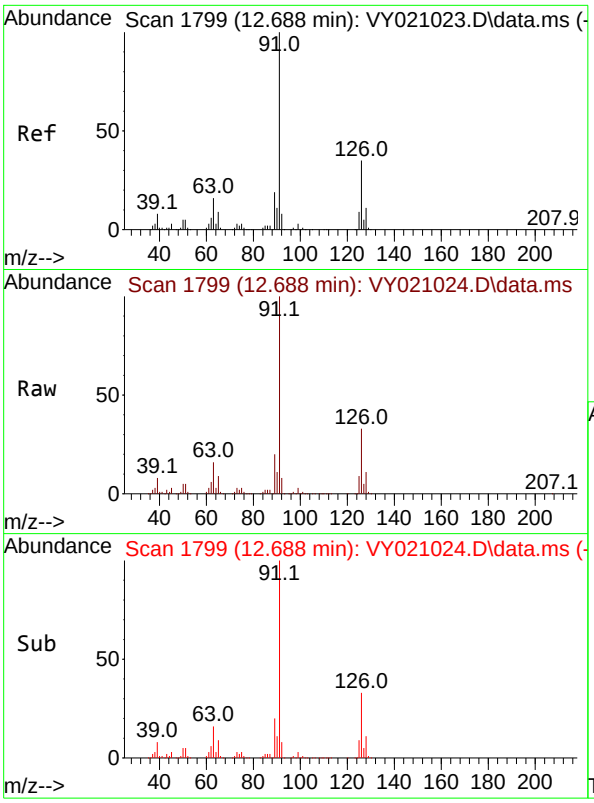


#78
n-propylbenzene
Concen: 111.529 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 91 Resp: 1057216

Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.8	35.4

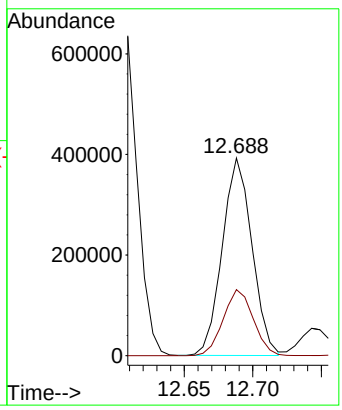




#79
2-Chlorotoluene
Concen: 109.632 ug/l
RT: 12.688 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 91 Resp: 59209

Ion	Ratio	Lower	Upper
91	100		
126	33.9	17.3	51.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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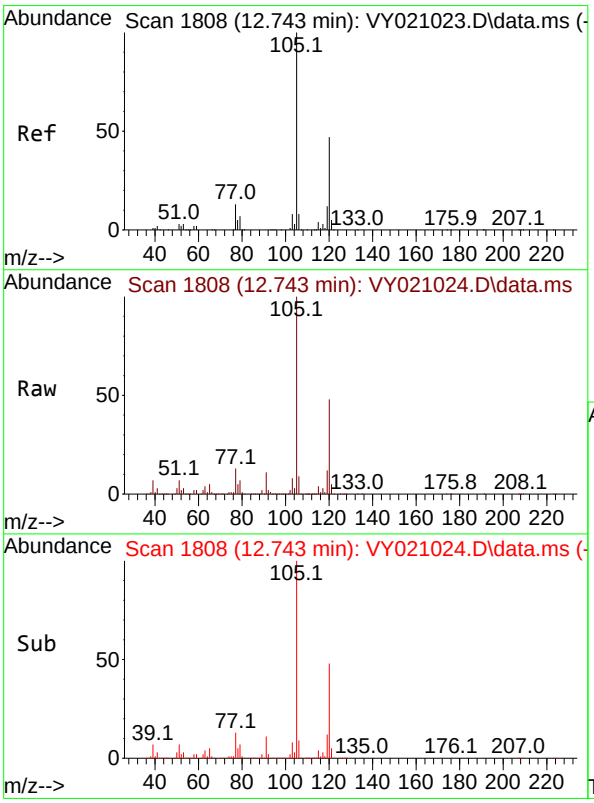
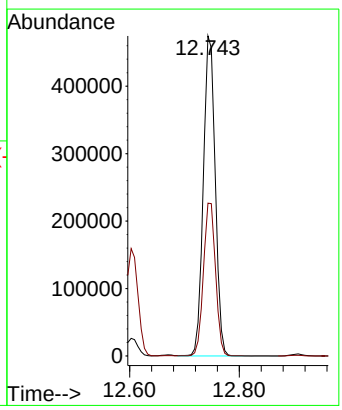
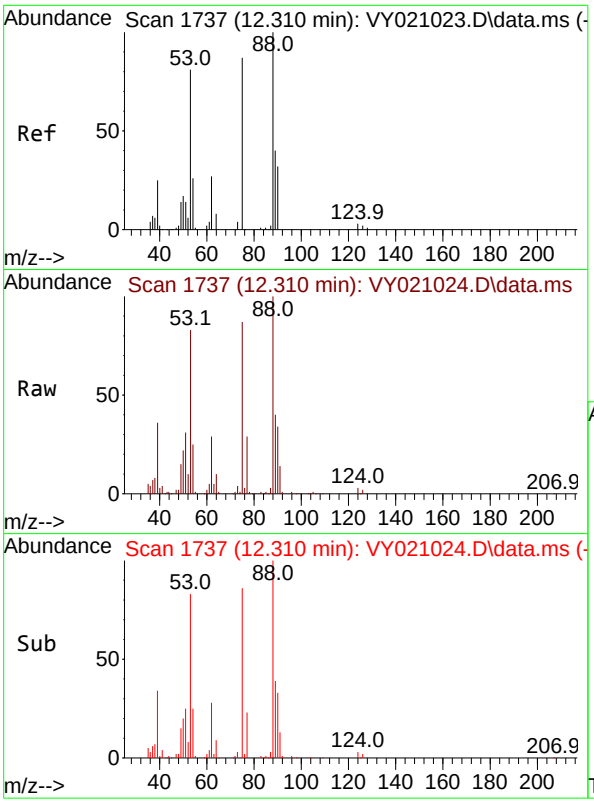


#80
1,3,5-Trimethylbenzene
Concen: 107.741 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:105 Resp: 713935

Ion	Ratio	Lower	Upper
105	100		
120	48.6	24.3	72.9

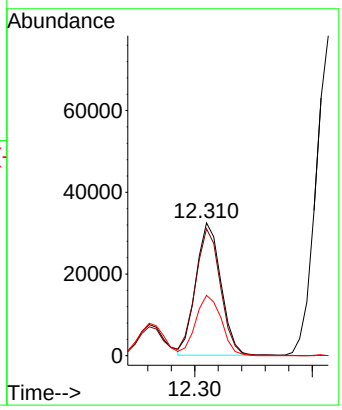




#81
trans-1,4-Dichloro-2-butene
Concen: 108.944 ug/l
RT: 12.310 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 75 Resp: 4784

Ion	Ratio	Lower	Upper
75	100		
53	97.1	68.6	103.0
89	47.0	38.1	57.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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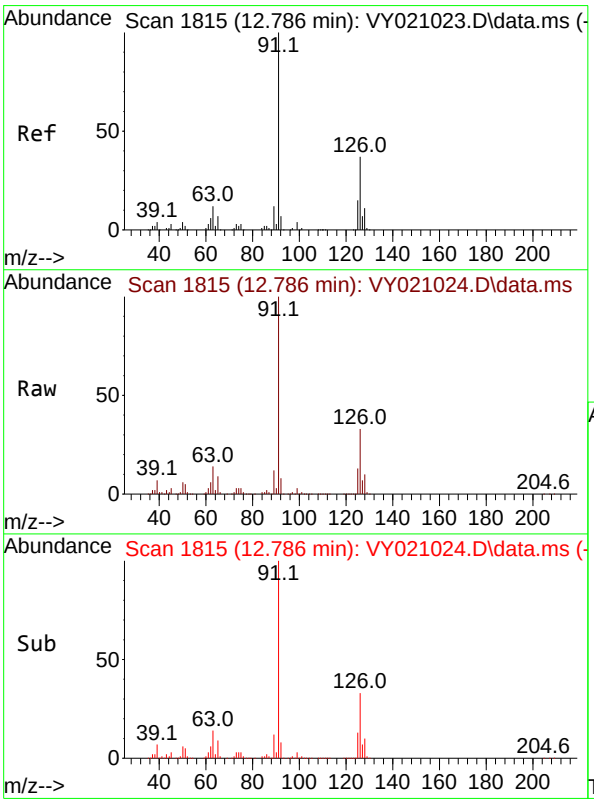
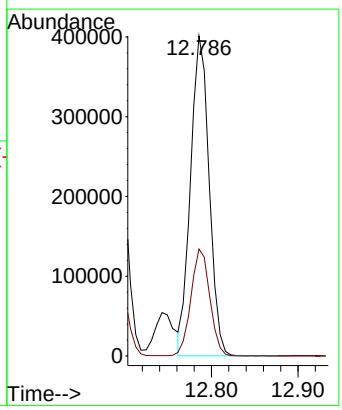
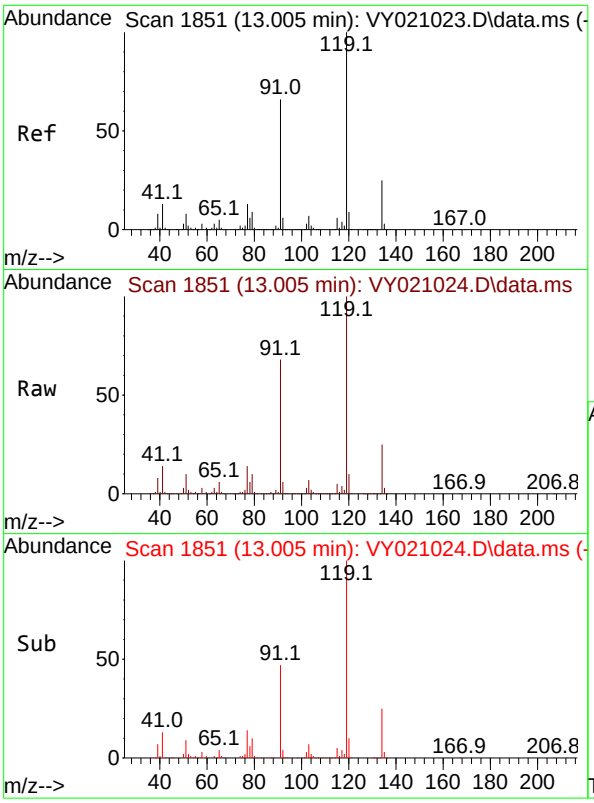


#82
4-Chlorotoluene
Concen: 108.014 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 91 Resp: 597047

Ion	Ratio	Lower	Upper
91	100		
126	34.0	17.3	52.0

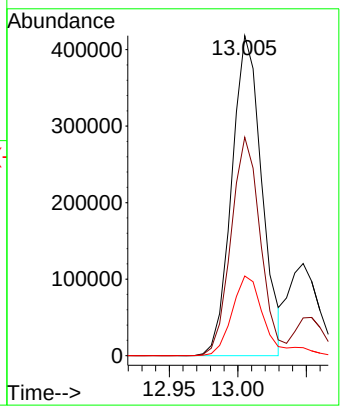




#83
tert-Butylbenzene
Concen: 103.933 ug/l
RT: 13.005 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:119 Resp: 63874

Ion	Ratio	Lower	Upper
119	100		
91	66.9	31.4	94.0
134	27.2	13.1	39.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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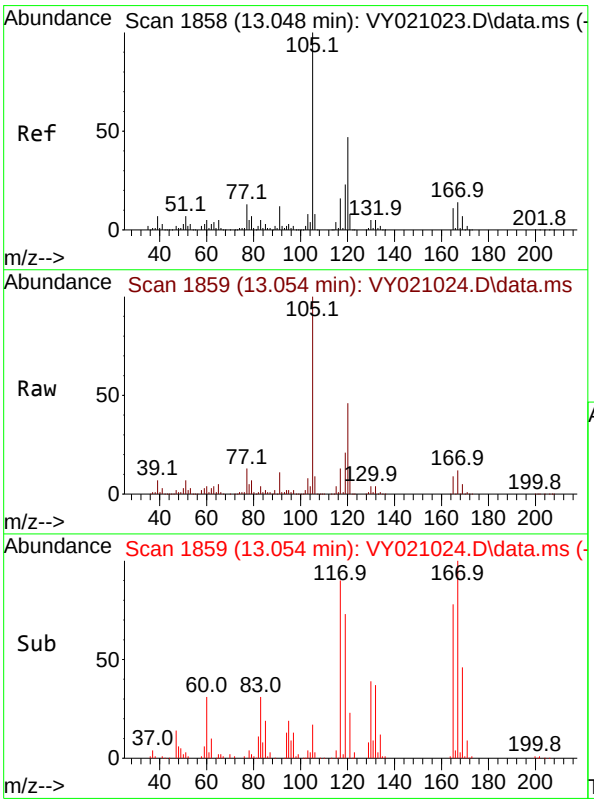
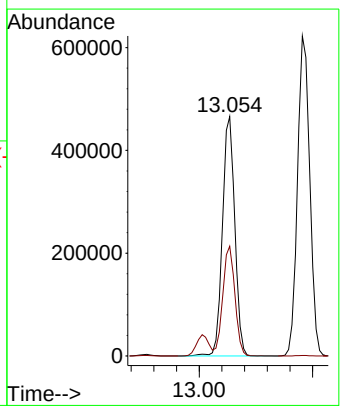
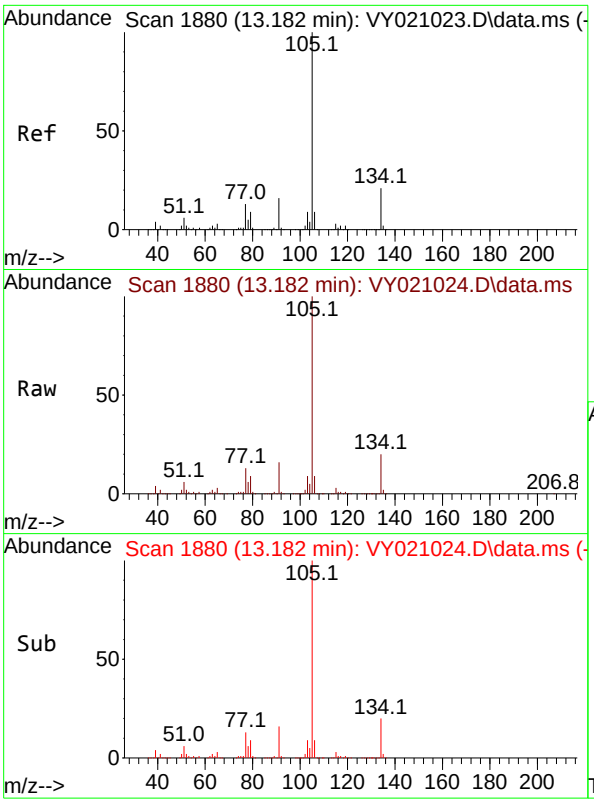


#84
1,2,4-Trimethylbenzene
Concen: 108.409 ug/l
RT: 13.054 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:105 Resp: 701716

Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.7	68.0

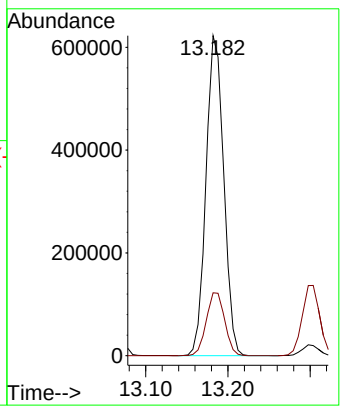




#85
sec-Butylbenzene
Concen: 107.093 ug/l
RT: 13.182 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:105 Resp: 93179

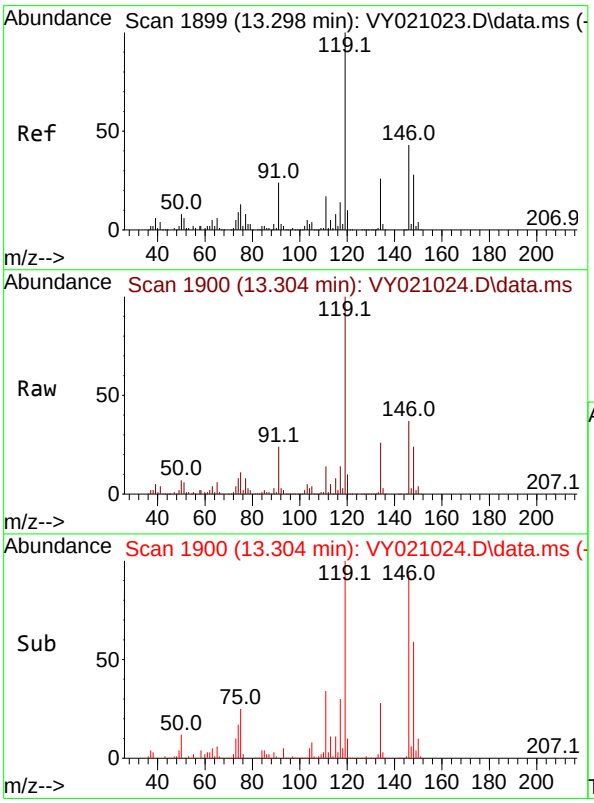
Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.3	30.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

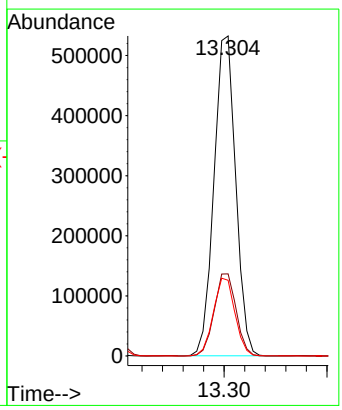
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

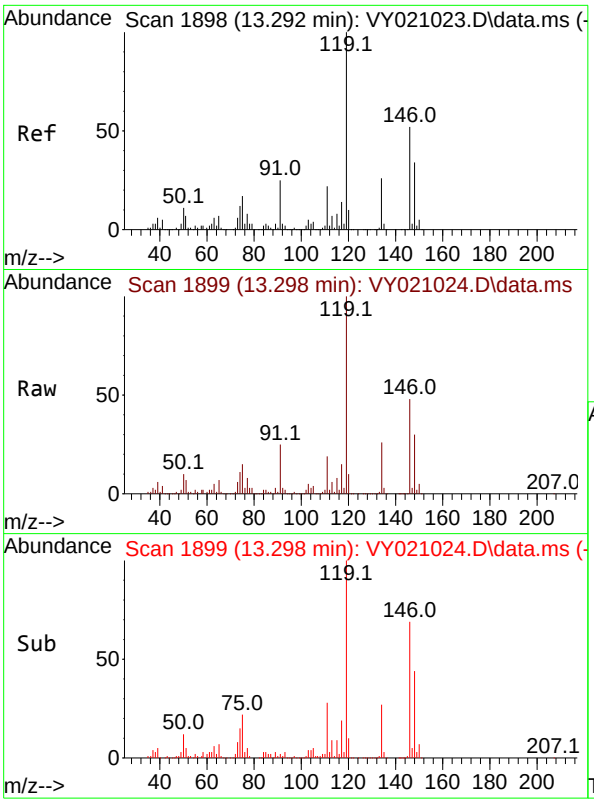


#86
p-Isopropyltoluene
Concen: 106.512 ug/l
RT: 13.304 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:119 Resp: 778814

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.3
91	24.2	11.5	34.5

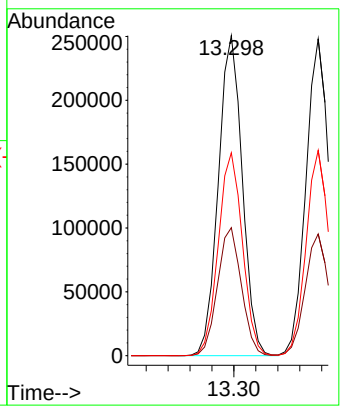




#87
1,3-Dichlorobenzene
Concen: 101.760 ug/l
RT: 13.298 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:146 Resp: 38048

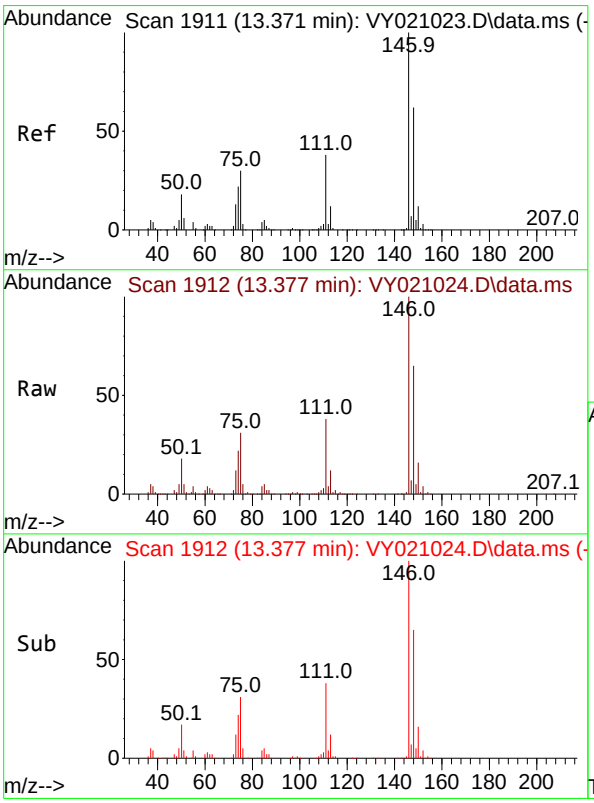
Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.7	59.1
148	64.0	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

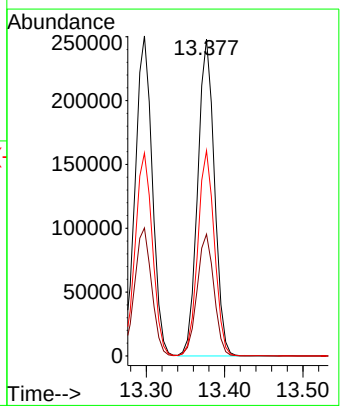
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

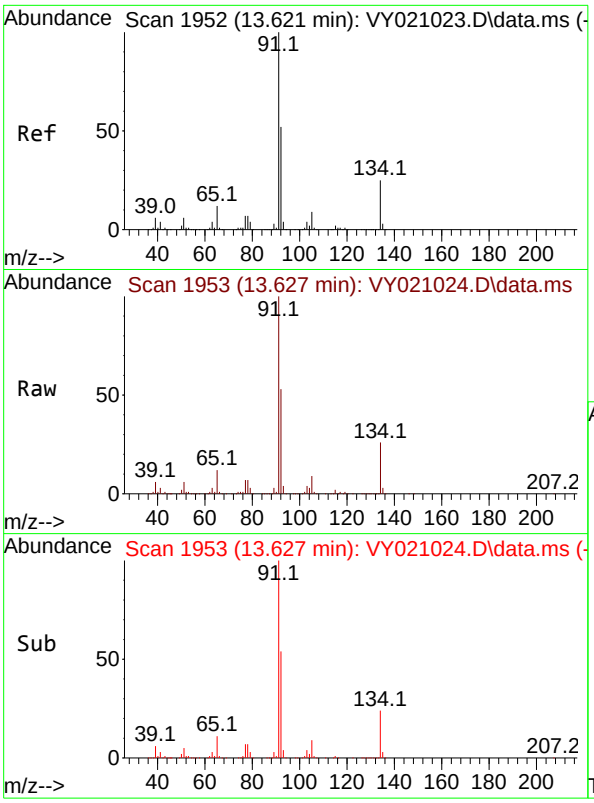


#88
1,4-Dichlorobenzene
Concen: 99.212 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:146 Resp: 368361

Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.0	57.0
148	64.0	31.6	95.0

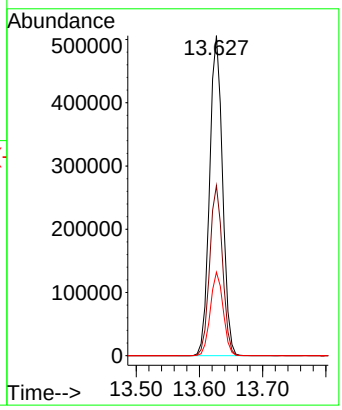




#89
n-Butylbenzene
Concen: 109.974 ug/l
RT: 13.627 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 91 Resp: 72025

Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.7	80.1
134	25.9	13.7	41.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
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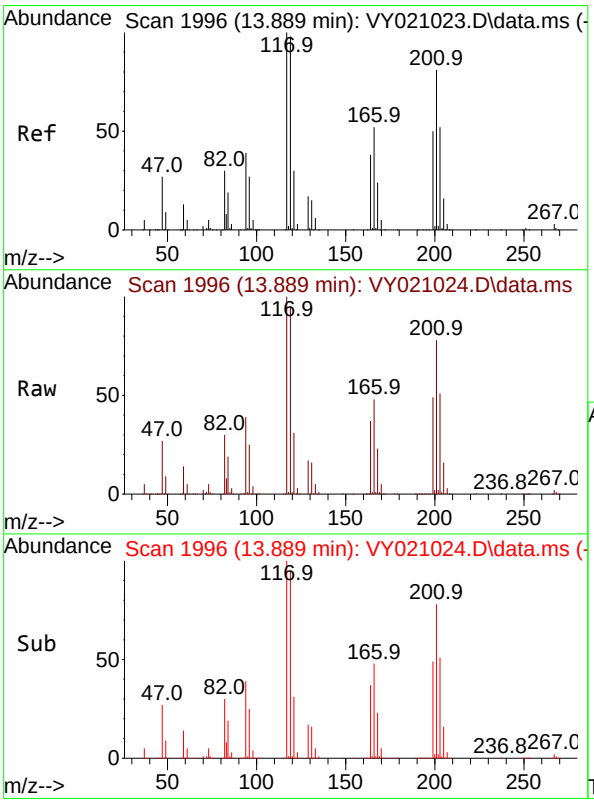
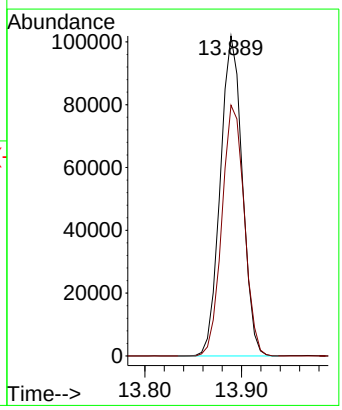
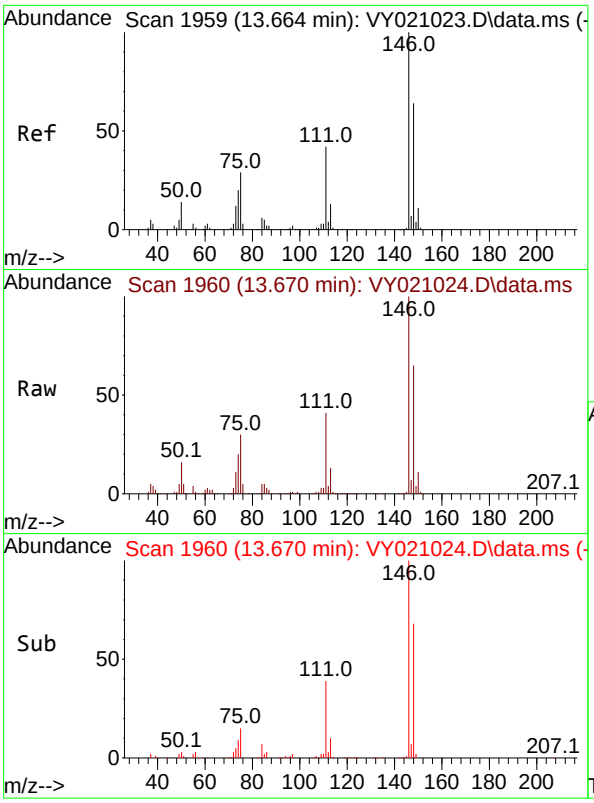


#90
Hexachloroethane
Concen: 108.782 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:117 Resp: 160918

Ion	Ratio	Lower	Upper
117	100		
201	79.4	42.5	127.5

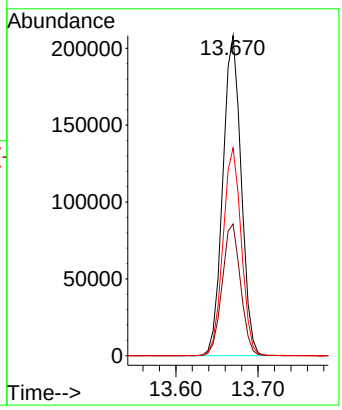




#91
1,2-Dichlorobenzene
Concen: 99.218 ug/l
RT: 13.670 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:146 Resp: 32350

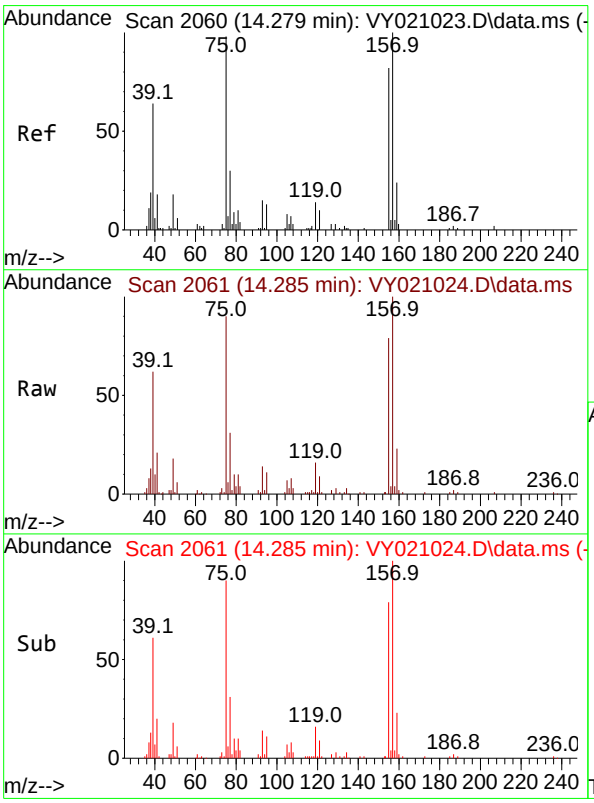
Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.3	60.8
148	64.6	32.2	96.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

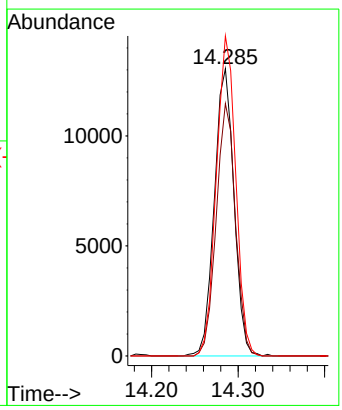
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

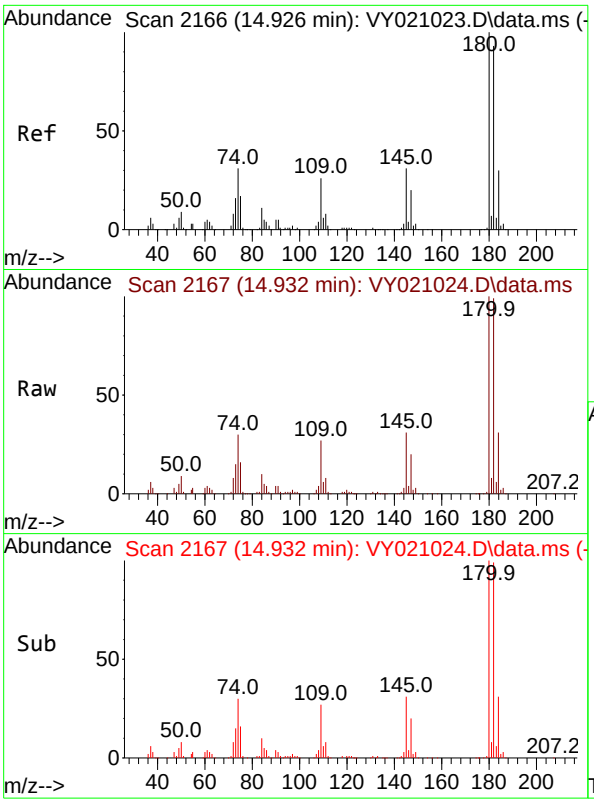


#92
1,2-Dibromo-3-Chloropropane
Concen: 102.253 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 75 Resp: 20553

Ion	Ratio	Lower	Upper
75	100		
155	86.0	45.9	137.6
157	110.2	59.3	177.9

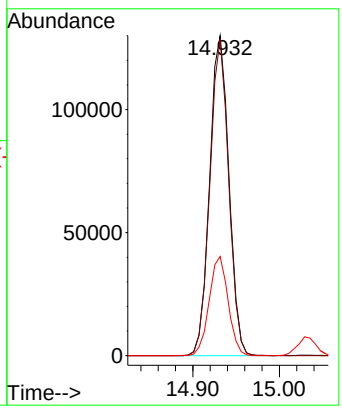




#93
1,2,4-Trichlorobenzene
Concen: 100.693 ug/l
RT: 14.932 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:180 Resp: 20102

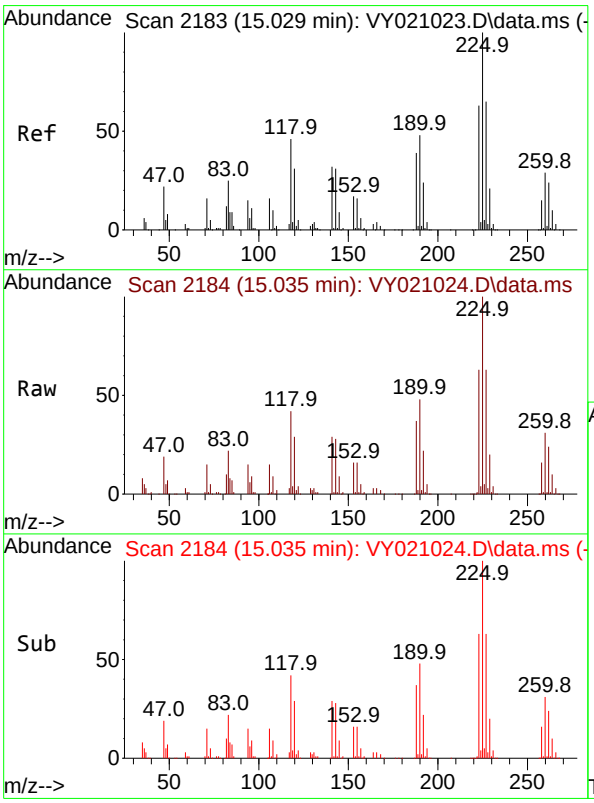
Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.3	144.8
145	30.6	15.3	45.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

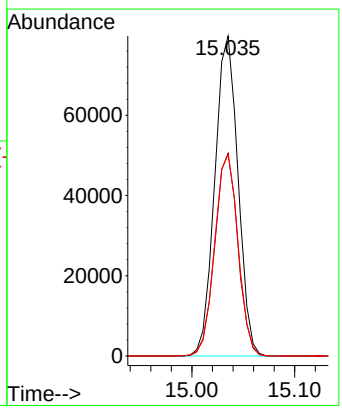
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

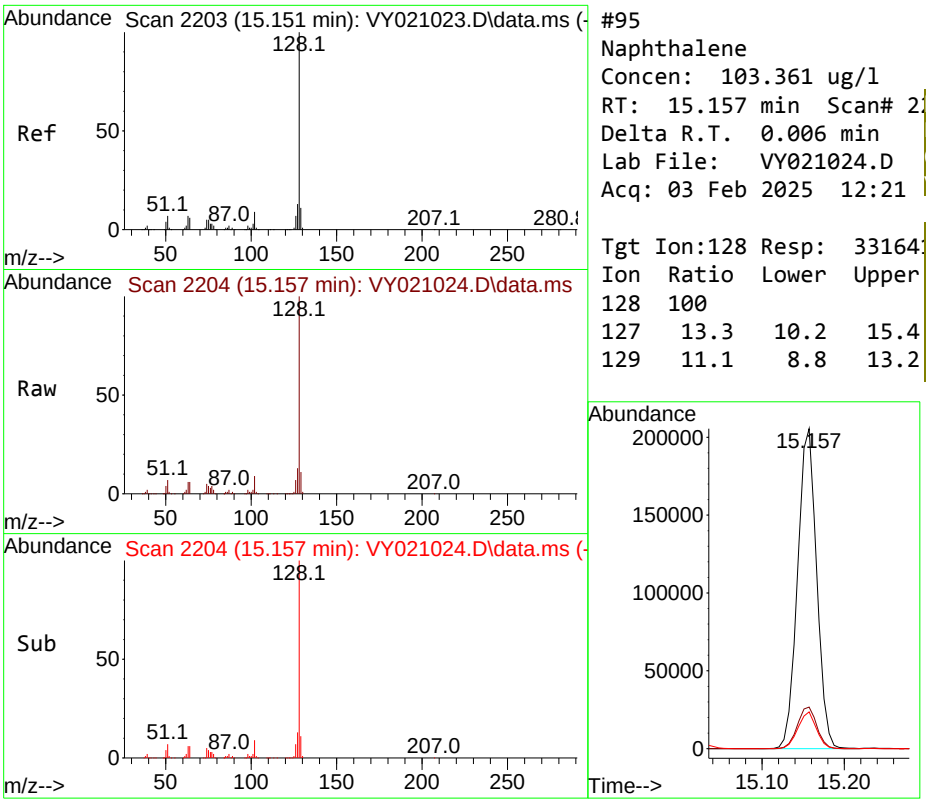


#94
Hexachlorobutadiene
Concen: 90.315 ug/l
RT: 15.035 min Scan# 2184
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:225 Resp: 124879

Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.4	94.2
227	63.5	31.8	95.3





#95
Naphthalene
Concen: 103.361 ug/l
RT: 15.157 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

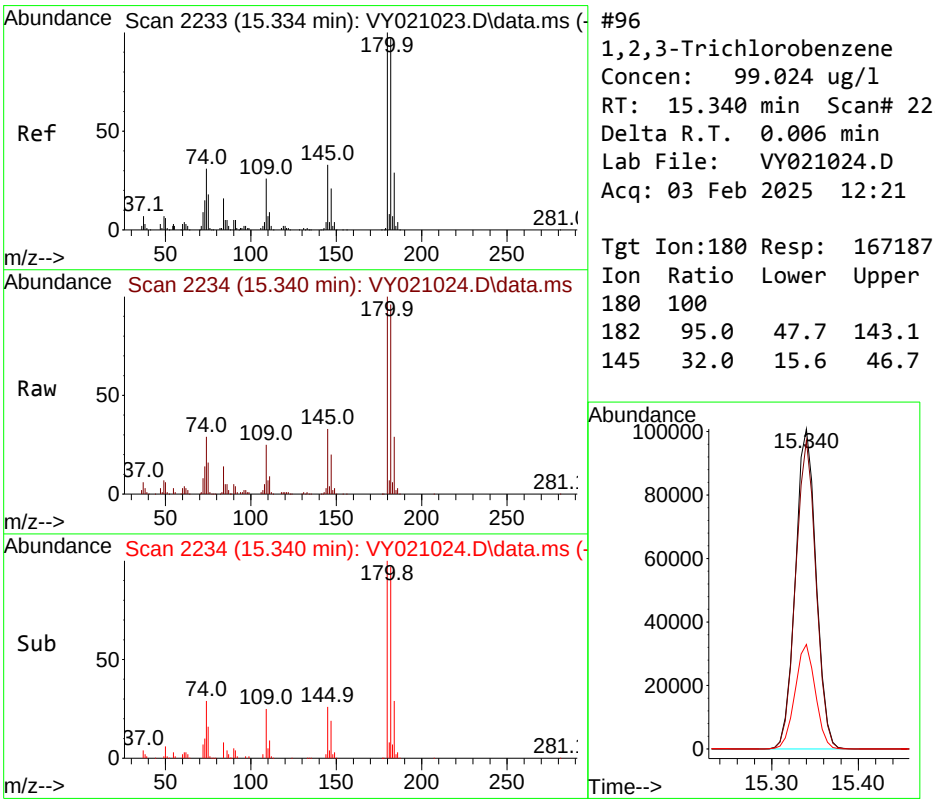
Tgt Ion:128 Resp: 33164

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	11.1	8.8	13.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#96
1,2,3-Trichlorobenzene
Concen: 99.024 ug/l
RT: 15.340 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:180 Resp: 167187

Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.7	143.1
145	32.0	15.6	46.7

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021025.D
Acq On : 03 Feb 2025 12:44
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

Quant Time: Feb 03 13:05:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:05:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	189855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	287697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	248527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	112575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	293662	145.336	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 290.680%#			
35) Dibromofluoromethane	7.640	113	287798	155.917	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 311.840%#			
50) Toluene-d8	10.109	98	1111573	156.140	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 312.280%#			
62) 4-Bromofluorobenzene	12.408	95	360358	162.912	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 325.820%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	260067	160.872	ug/l	97
3) Chloromethane	2.074	50	248885	87.825	ug/l	98
4) Vinyl Chloride	2.208	62	252501	75.880	ug/l	99
5) Bromomethane	2.592	94	146541	62.028	ug/l	99
6) Chloroethane	2.739	64	148751	70.352	ug/l	97
7) Trichlorofluoromethane	3.062	101	462994	129.223	ug/l	99
8) Diethyl Ether	3.458	74	147927	142.521	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.824	101	290713	133.999	ug/l	95
10) Methyl Iodide	4.013	142	352076	163.787	ug/l	94
11) Tert butyl alcohol	4.872	59	91037	651.581	ug/l	97
12) 1,1-Dichloroethene	3.799	96	283433	141.825	ug/l	94
13) Acrolein	3.659	56	152214	707.118	ug/l	98
14) Allyl chloride	4.391	41	481954	159.438	ug/l	96
15) Acrylonitrile	5.061	53	309767	696.889	ug/l	99
16) Acetone	3.873	43	237711	483.636	ug/l	96
17) Carbon Disulfide	4.116	76	886308	139.070	ug/l	100
18) Methyl Acetate	4.391	43	166019	134.682	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	720513	159.427	ug/l	99
20) Methylene Chloride	4.622	84	281630	109.728	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	306161	134.636	ug/l	94
22) Diisopropyl ether	6.025	45	955213	148.878	ug/l	97
23) Vinyl Acetate	5.970	43	2761423	786.547	ug/l	99
24) 1,1-Dichloroethane	5.921	63	563116	141.610	ug/l	98
25) 2-Butanone	6.902	43	395886	620.601	ug/l	99
26) 2,2-Dichloropropane	6.890	77	527500	153.065	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	356495	144.373	ug/l	94
28) Bromochloromethane	7.256	49	224174	131.225	ug/l	98
29) Tetrahydrofuran	7.268	42	263943	736.644	ug/l	96
30) Chloroform	7.427	83	572890	143.739	ug/l	98
31) Cyclohexane	7.707	56	485167	128.899	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	540513	151.377	ug/l	99
36) 1,1-Dichloropropene	7.841	75	423720	143.160	ug/l	99
37) Ethyl Acetate	6.988	43	186661	153.217	ug/l	99
38) Carbon Tetrachloride	7.823	117	501205	170.502	ug/l	99
39) Methylcyclohexane	9.115	83	542900	152.474	ug/l	98
40) Benzene	8.085	78	1239229	148.429	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021025.D
Acq On : 03 Feb 2025 12:44
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 03 13:05:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:05:07 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	115234	185.120	ug/l		95
42) 1,2-Dichloroethane	8.164	62	340547	158.367	ug/l		97
43) Isopropyl Acetate	8.201	43	388966	175.917	ug/l	#	86
44) Trichloroethene	8.872	130	323716	150.703	ug/l		96
45) 1,2-Dichloropropane	9.146	63	294150	147.060	ug/l		100
46) Dibromomethane	9.237	93	161341	154.118	ug/l		95
47) Bromodichloromethane	9.426	83	437119	160.591	ug/l		98
48) Methyl methacrylate	9.225	41	187040	167.251	ug/l		94
49) 1,4-Dioxane	9.231	88	32704	3078.544	ug/l		94
51) 4-Methyl-2-Pentanone	10.006	43	965506	814.397	ug/l		98
52) Toluene	10.176	92	792134	155.591	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	416872	166.270	ug/l		99
54) cis-1,3-Dichloropropene	9.859	75	483429	158.232	ug/l		92
55) 1,1,2-Trichloroethane	10.579	97	209006	146.925	ug/l		99
56) Ethyl methacrylate	10.444	69	313458	200.500	ug/l		93
57) 1,3-Dichloropropane	10.725	76	365553	149.005	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	721923	788.766	ug/l		100
59) 2-Hexanone	10.762	43	642448	763.675	ug/l		98
60) Dibromochloromethane	10.914	129	298751	175.351	ug/l		98
61) 1,2-Dibromoethane	11.018	107	200840	153.273	ug/l		99
64) Tetrachloroethene	10.652	164	288752	156.856	ug/l		96
65) Chlorobenzene	11.444	112	854481	161.190	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.524	131	303176	159.942	ug/l		97
67) Ethyl Benzene	11.524	91	1560654	161.195	ug/l		100
68) m/p-Xylenes	11.633	106	1152452	314.841	ug/l		97
69) o-Xylene	11.963	106	543425	163.662	ug/l		97
70) Styrene	11.975	104	900989	172.776	ug/l		97
71) Bromoform	12.139	173	170929	181.883	ug/l	#	97
73) Isopropylbenzene	12.261	105	1439642	154.780	ug/l		100
74) N-amyl acetate	12.072	43	337562	180.383	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.511	83	229575	139.062	ug/l		99
76) 1,2,3-Trichloropropane	12.560	75	166289m	149.965	ug/l		
77) Bromobenzene	12.536	156	330230	166.838	ug/l		92
78) n-propylbenzene	12.603	91	1706799	149.261	ug/l		99
79) 2-Chlorotoluene	12.688	91	961670	153.047	ug/l		100
80) 1,3,5-Trimethylbenzene	12.743	105	1146647	156.334	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.310	75	84506	165.703	ug/l		98
82) 4-Chlorotoluene	12.786	91	973177	151.120	ug/l		99
83) tert-Butylbenzene	13.005	119	1067144	164.670	ug/l		98
84) 1,2,4-Trimethylbenzene	13.048	105	1138490	157.248	ug/l		100
85) sec-Butylbenzene	13.182	105	1490237	152.184	ug/l		98
86) p-Isopropyltoluene	13.298	119	1267584	159.829	ug/l		99
87) 1,3-Dichlorobenzene	13.292	146	615944	153.896	ug/l		100
88) 1,4-Dichlorobenzene	13.371	146	600370	153.567	ug/l		99
89) n-Butylbenzene	13.621	91	1172760	153.276	ug/l		98
90) Hexachloroethane	13.883	117	264877	160.566	ug/l		86
91) 1,2-Dichlorobenzene	13.663	146	529143	159.648	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	36737	173.904	ug/l		99
93) 1,2,4-Trichlorobenzene	14.925	180	338957	199.568	ug/l		98
94) Hexachlorobutadiene	15.029	225	204211	192.252	ug/l		99
95) Naphthalene	15.151	128	581994	199.946	ug/l		99
96) 1,2,3-Trichlorobenzene	15.334	180	280907	197.311	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021025.D
Acq On : 03 Feb 2025 12:44
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

Quant Time: Feb 03 13:05:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:05:07 2025
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021025.D
Acq On : 03 Feb 2025 12:44
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 03 13:05:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:05:07 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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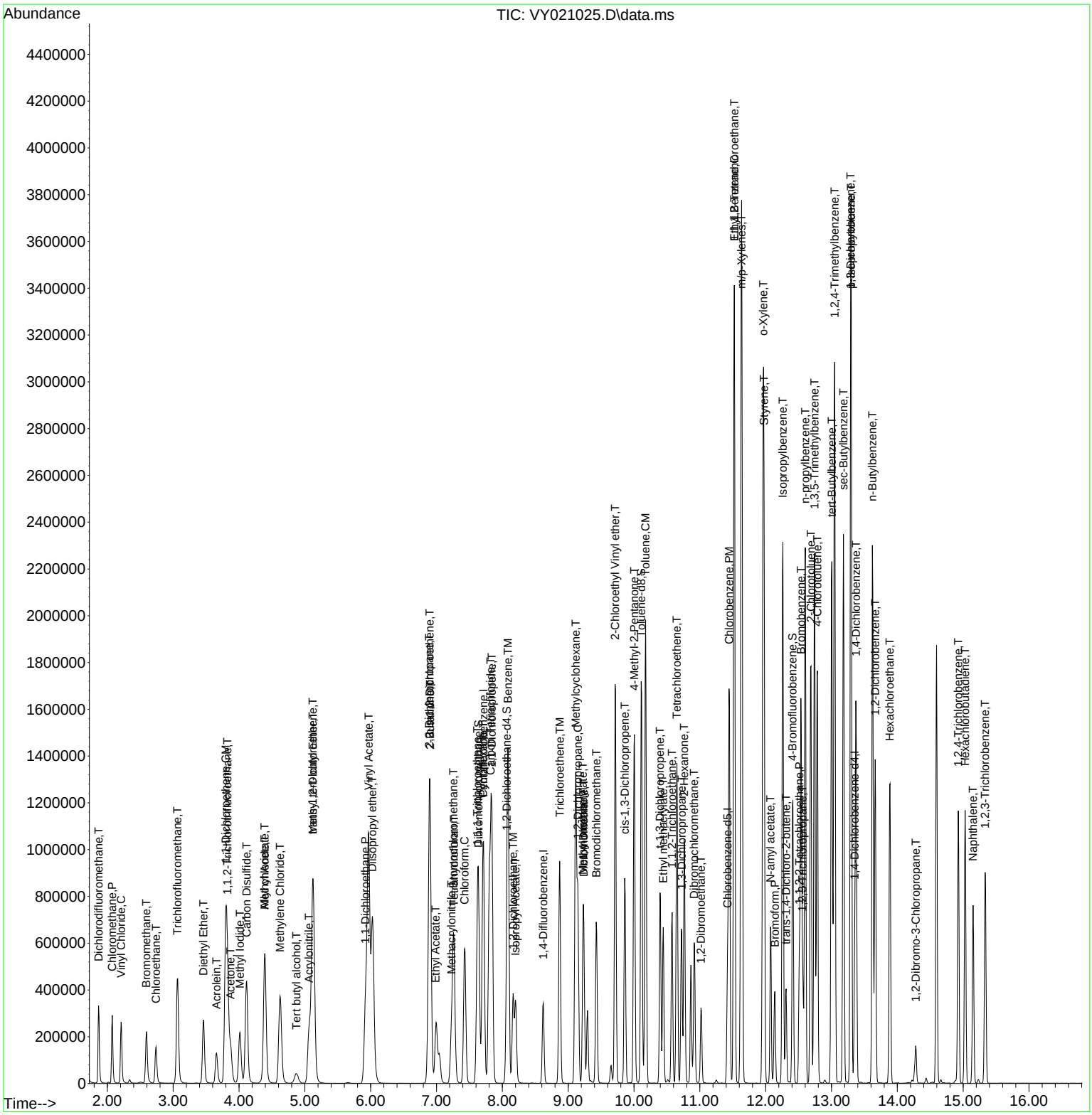
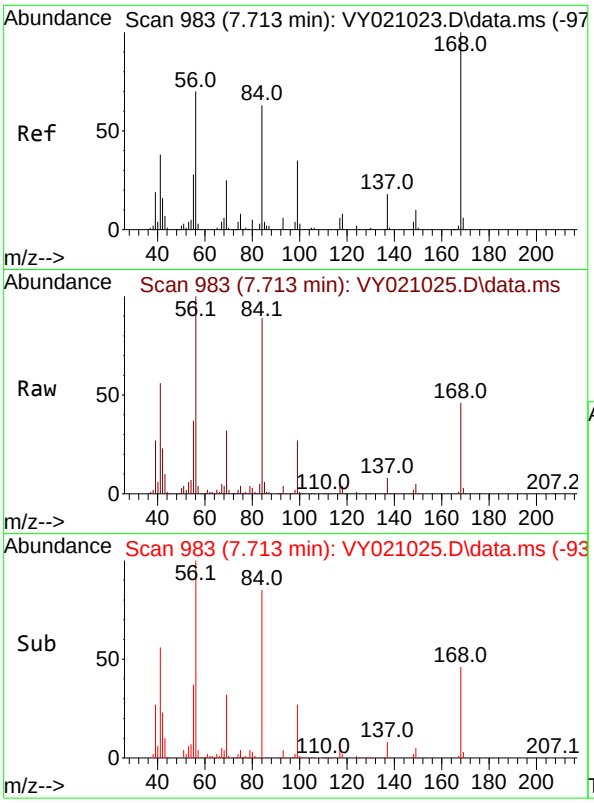
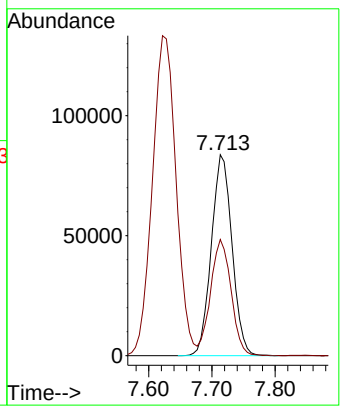




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:168 Resp: 18985

Ion	Ratio	Lower	Upper
168	100		
99	57.7	44.2	66.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

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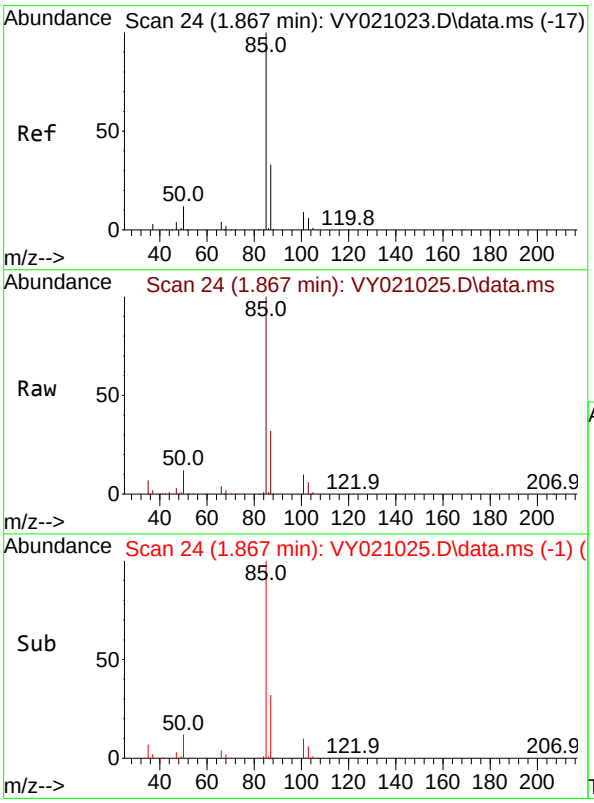
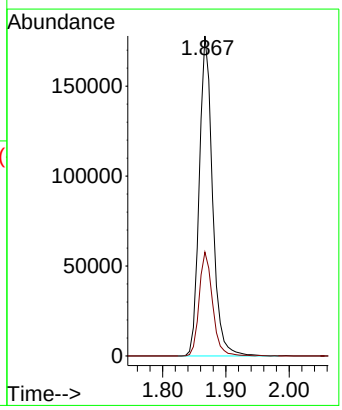
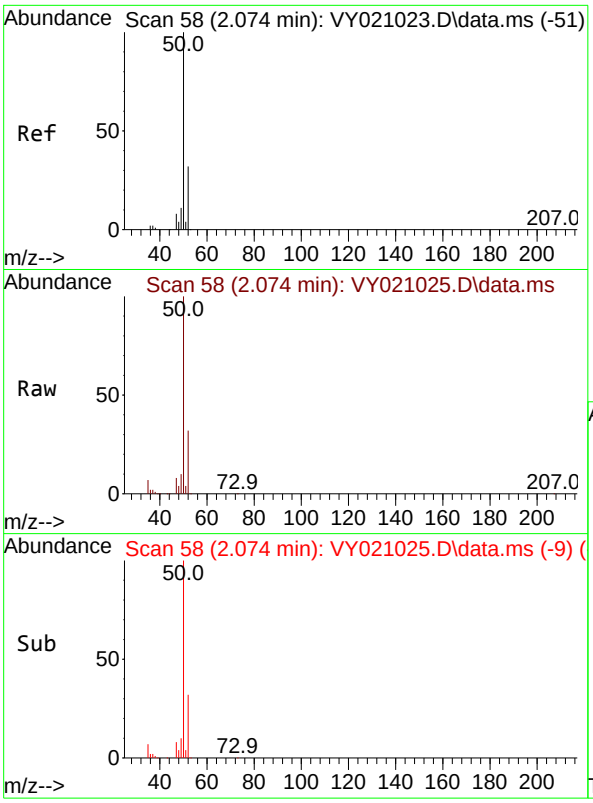


#2
Dichlorodifluoromethane
Concen: 160.872 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 85 Resp: 260067

Ion	Ratio	Lower	Upper
85	100		
87	32.5	17.1	51.3

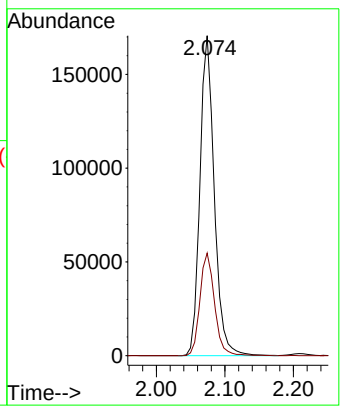




#3
Chloromethane
Concen: 87.825 ug/l
RT: 2.074 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 50 Resp: 24888

Ion	Ratio	Lower	Upper
50	100		
52	32.0	26.7	40.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

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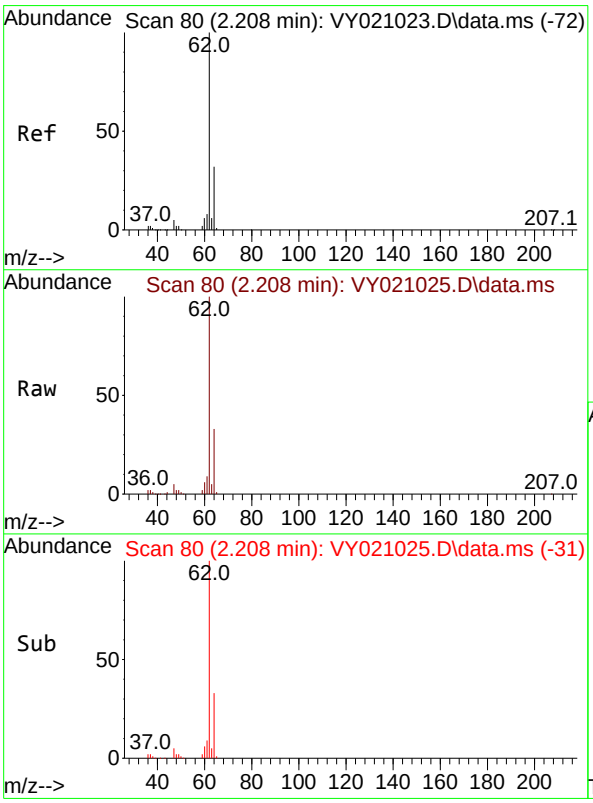
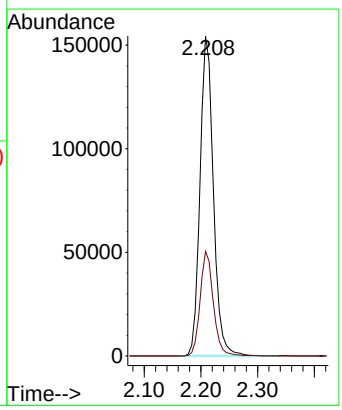
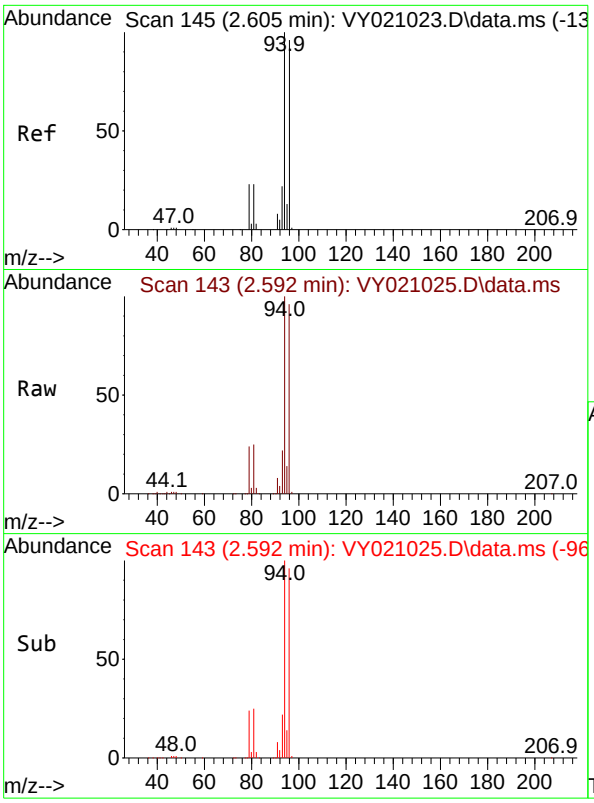


#4
Vinyl Chloride
Concen: 75.880 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 62 Resp: 252501

Ion	Ratio	Lower	Upper
62	100		
64	32.7	25.7	38.5





#5
Bromomethane
Concen: 62.028 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 94 Resp: 14654

Ion	Ratio	Lower	Upper
94	100		
96	96.1	77.3	115.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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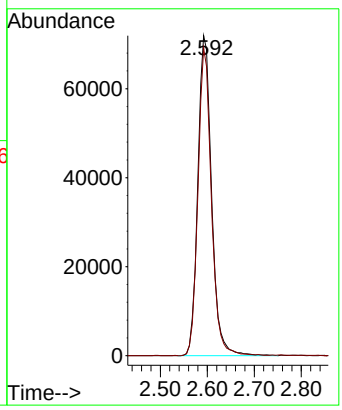
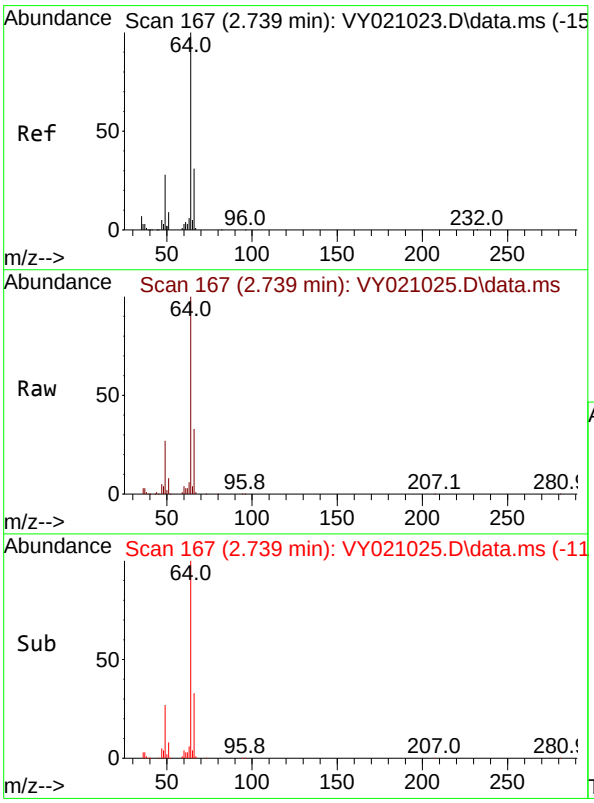
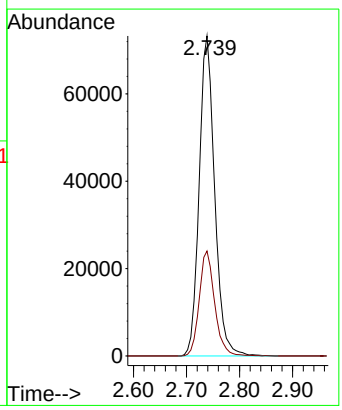


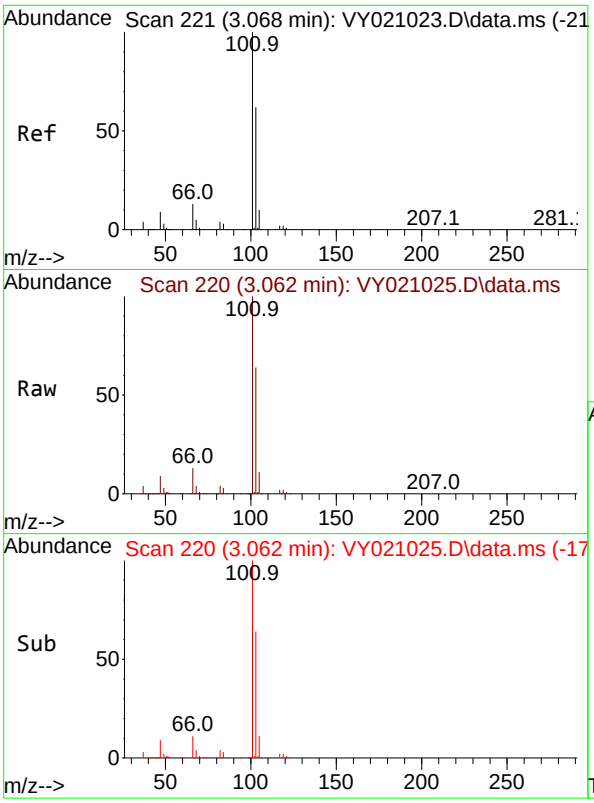


#6
Chloroethane
Concen: 70.352 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 64 Resp: 148751

Ion	Ratio	Lower	Upper
64	100		
66	32.8	25.1	37.7

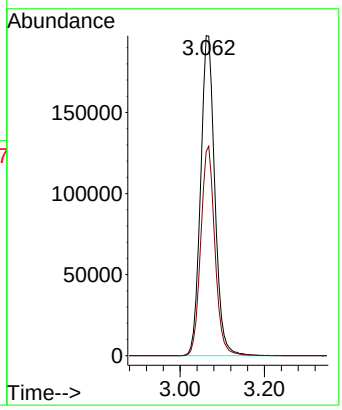




#7
Trichlorofluoromethane
Concen: 129.223 ug/l
RT: 3.062 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:101 Resp: 46299

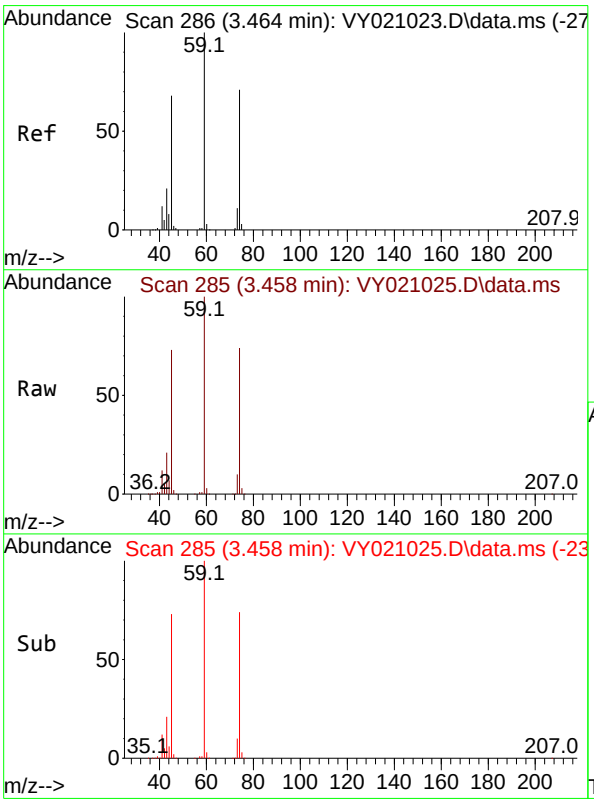
Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.9	77.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

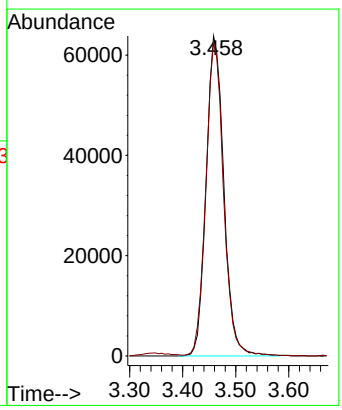
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

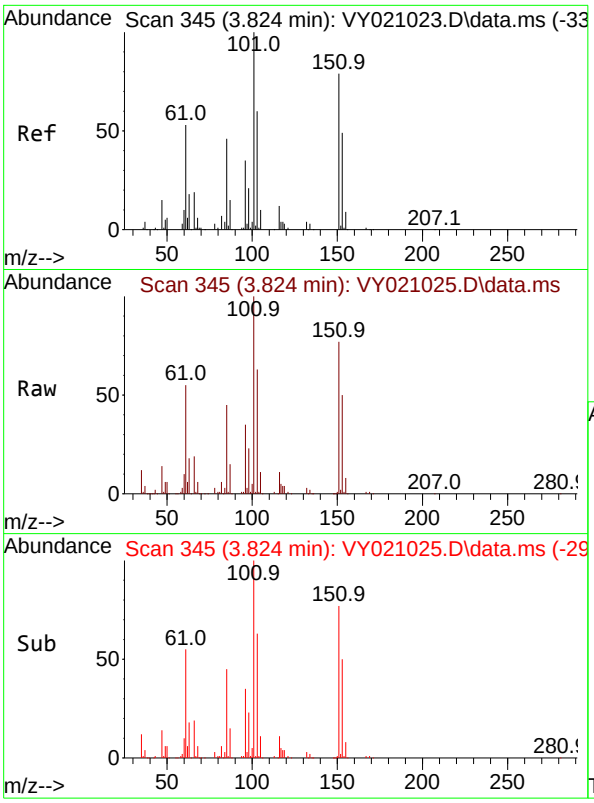


#8
Diethyl Ether
Concen: 142.521 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 74 Resp: 147927

Ion	Ratio	Lower	Upper
74	100		
45	98.2	47.9	143.7

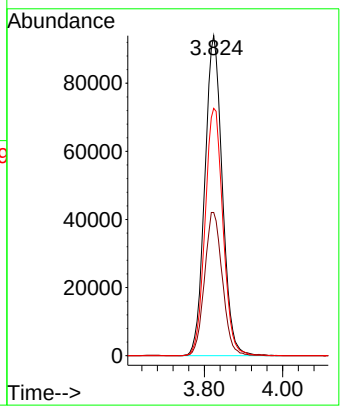




#9
1,1,2-Trichlorotrifluoroethane
Concen: 133.999 ug/l
RT: 3.824 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:101 Resp: 29071

Ion	Ratio	Lower	Upper
101	100		
85	45.6	35.8	53.6
151	78.9	58.6	88.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

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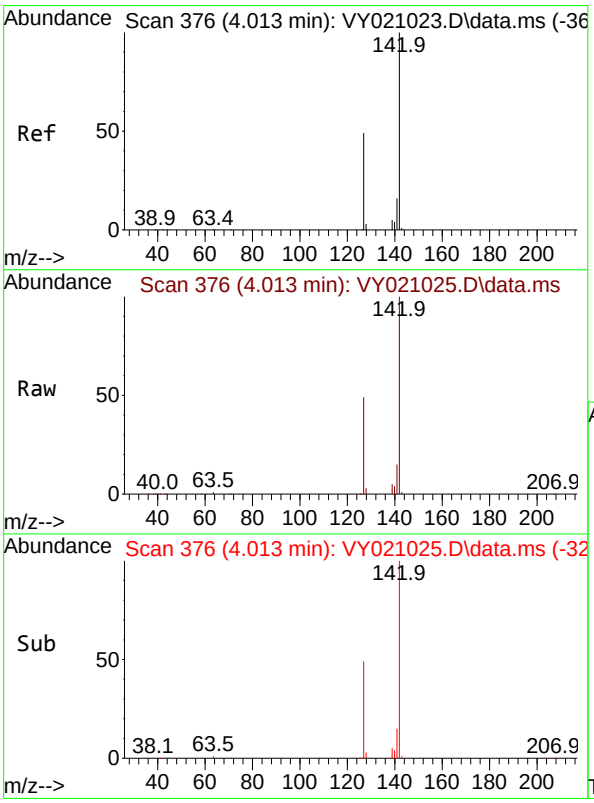
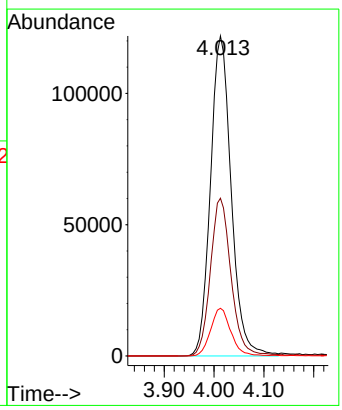
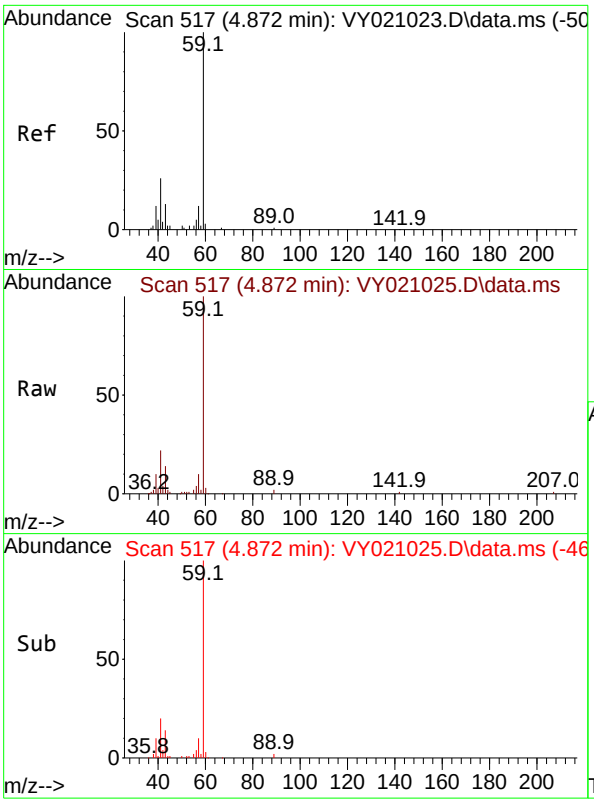


#10
Methyl Iodide
Concen: 163.787 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:142 Resp: 352076

Ion	Ratio	Lower	Upper
142	100		
127	49.2	35.1	52.7
141	14.5	11.8	17.6

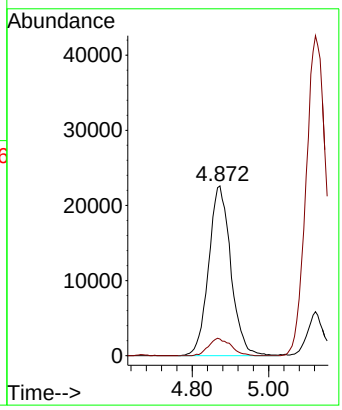




#11
Tert butyl alcohol
Concen: 651.581 ug/l
RT: 4.872 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 59 Resp: 9103

Ion	Ratio	Lower	Upper
59	100		
57	10.3	7.4	11.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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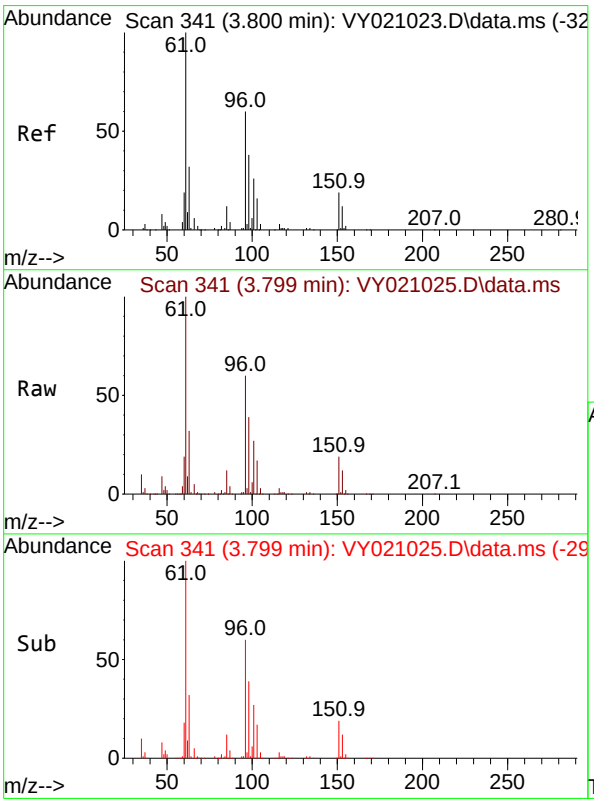
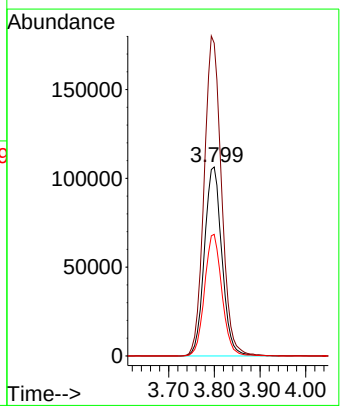
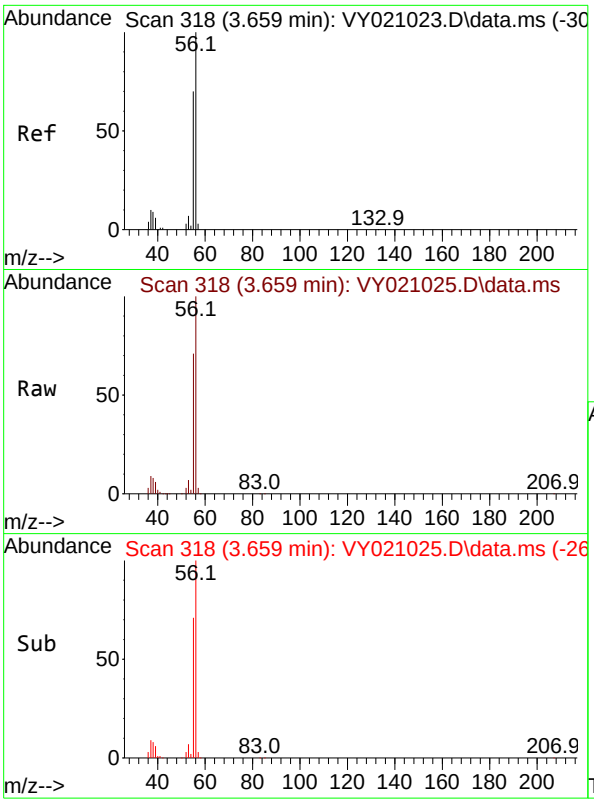


#12
1,1-Dichloroethene
Concen: 141.825 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 96 Resp: 283433

Ion	Ratio	Lower	Upper
96	100		
61	165.5	124.2	186.2
98	64.4	52.6	79.0

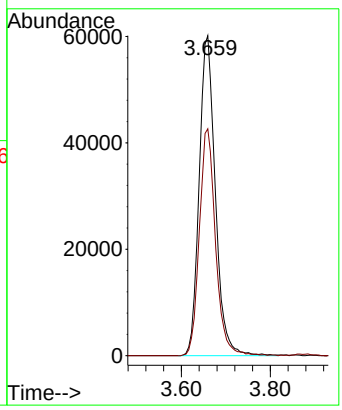




#13
Acrolein
Concen: 707.118 ug/l
RT: 3.659 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 56 Resp: 15221

Ion	Ratio	Lower	Upper
56	100		
55	71.1	55.4	83.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

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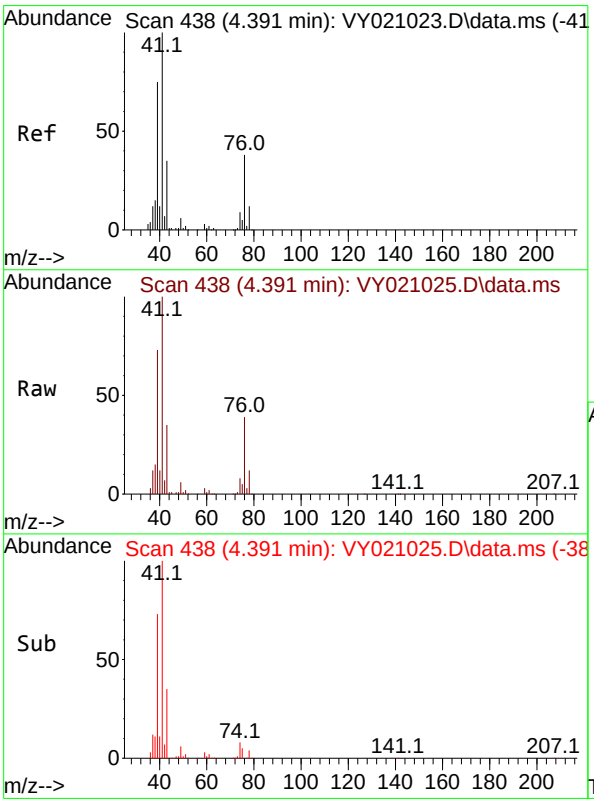
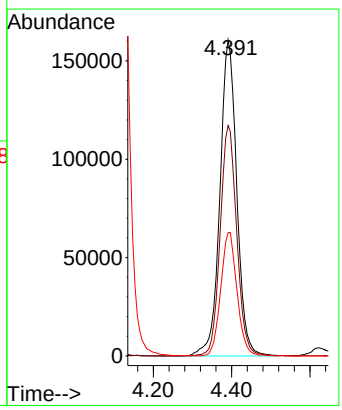
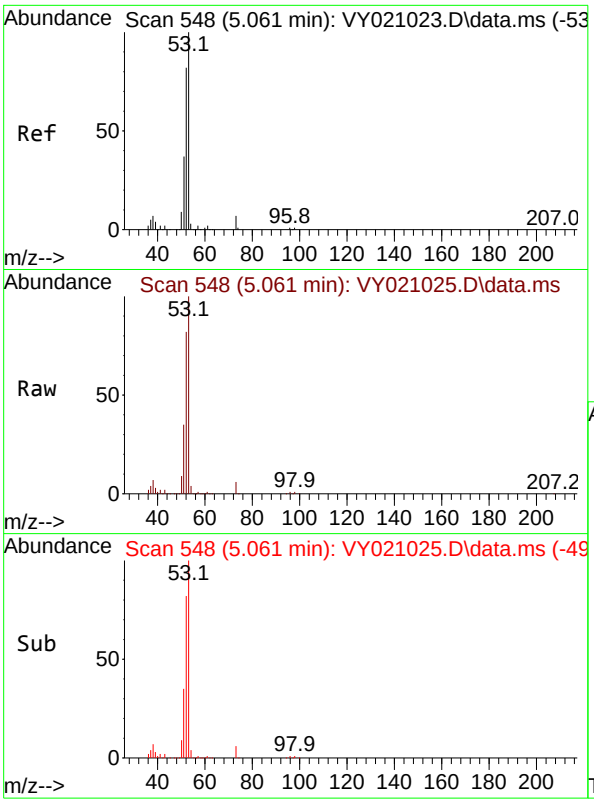


#14
Allyl chloride
Concen: 159.438 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 41 Resp: 481954

Ion	Ratio	Lower	Upper
41	100		
39	71.7	54.7	82.1
76	37.7	31.8	47.6





#15
Acrylonitrile
Concen: 696.889 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

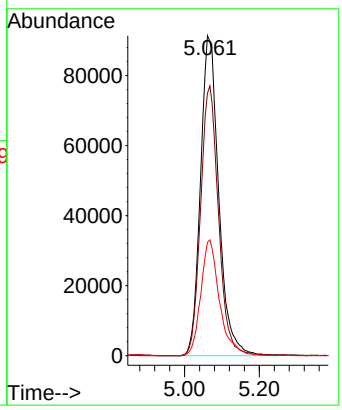
Tgt Ion: 53 Resp: 30976

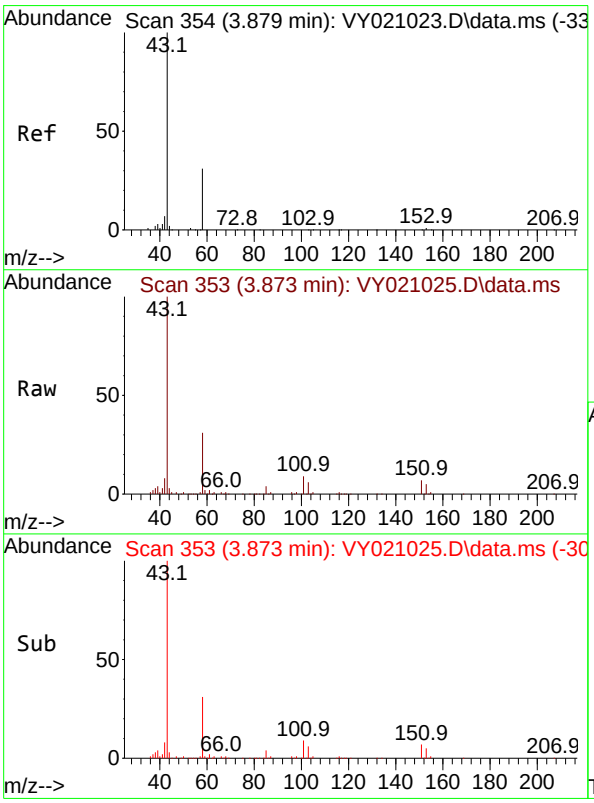
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.1	97.7
51	37.1	29.0	43.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

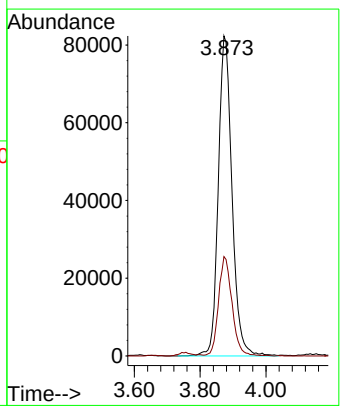


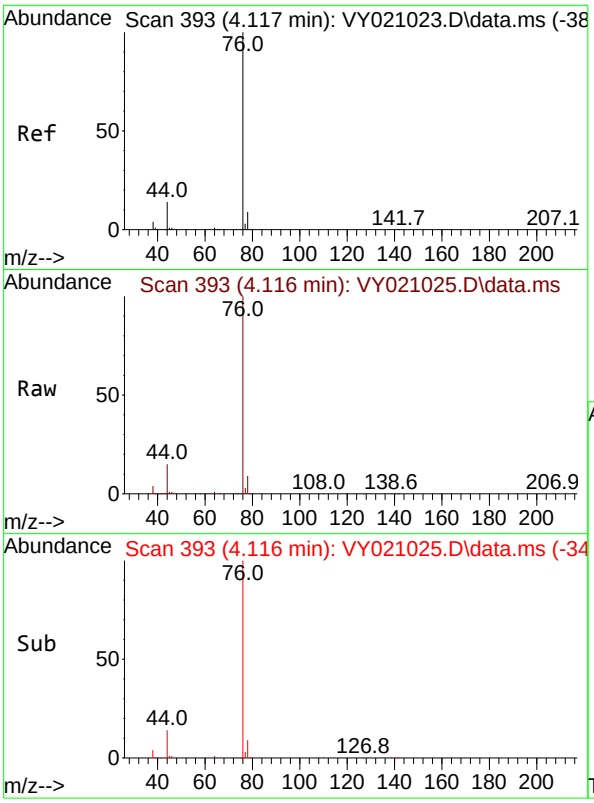


#16
Acetone
Concen: 483.636 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 43 Resp: 237711

Ion	Ratio	Lower	Upper
43	100		
58	31.0	26.6	39.8

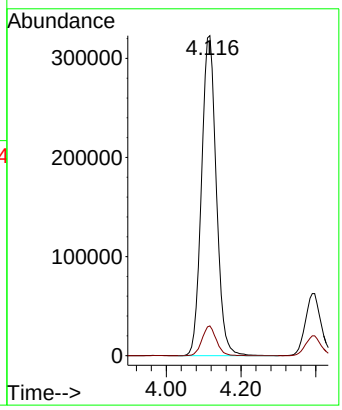




#17
Carbon Disulfide
Concen: 139.070 ug/l
RT: 4.116 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 76 Resp: 88630

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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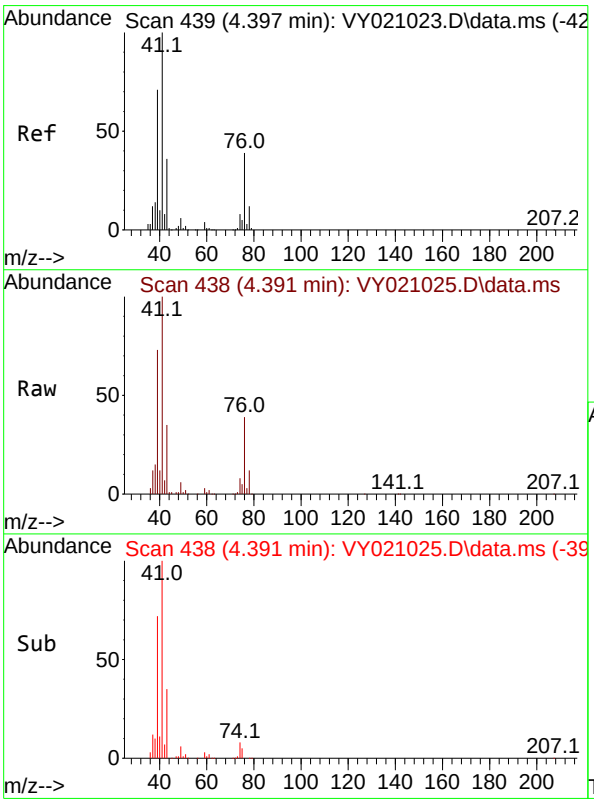
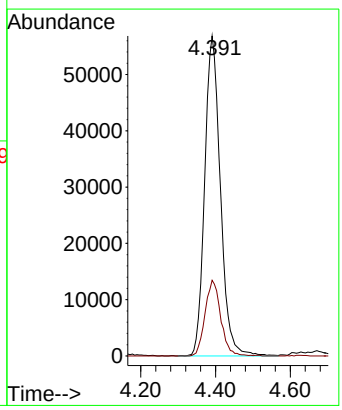
Supervised By :Semsettin Yesilyurt 02/04/2025

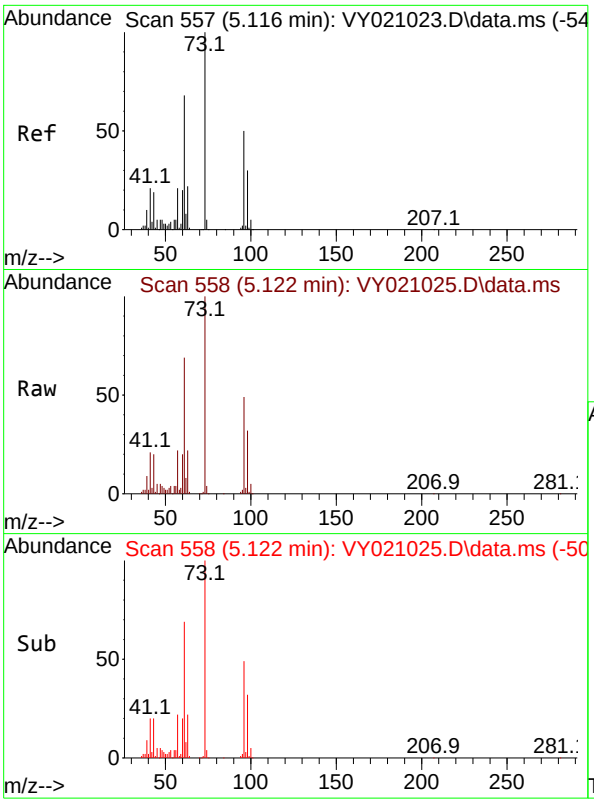


#18
Methyl Acetate
Concen: 134.682 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 43 Resp: 166019

Ion	Ratio	Lower	Upper
43	100		
74	23.5	19.8	29.6

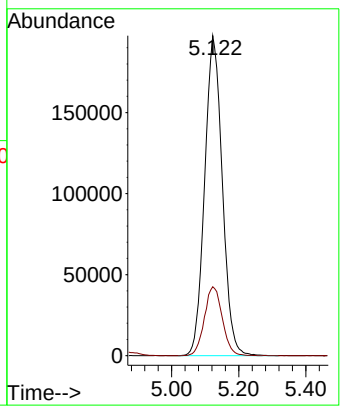




#19
Methyl tert-butyl Ether
Concen: 159.427 ug/l
RT: 5.122 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 73 Resp: 72051

Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.7	26.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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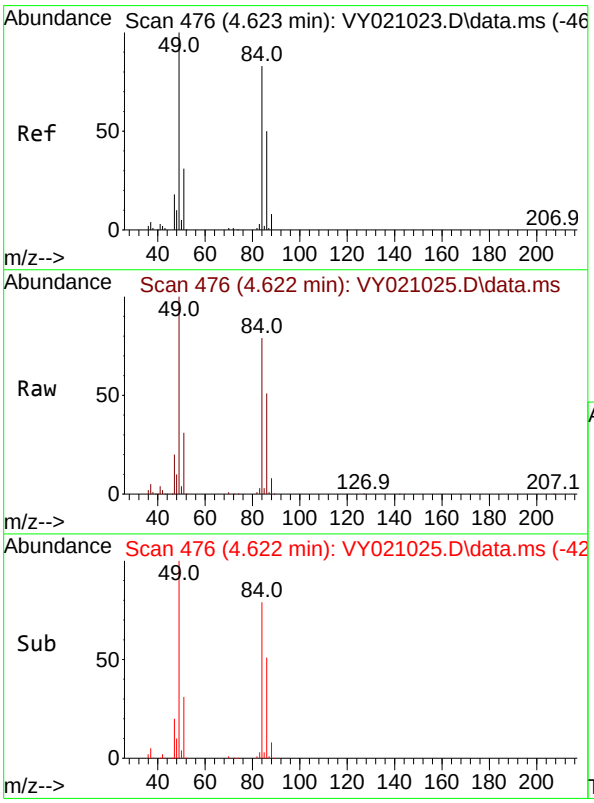
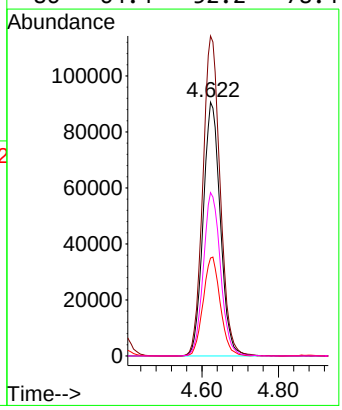
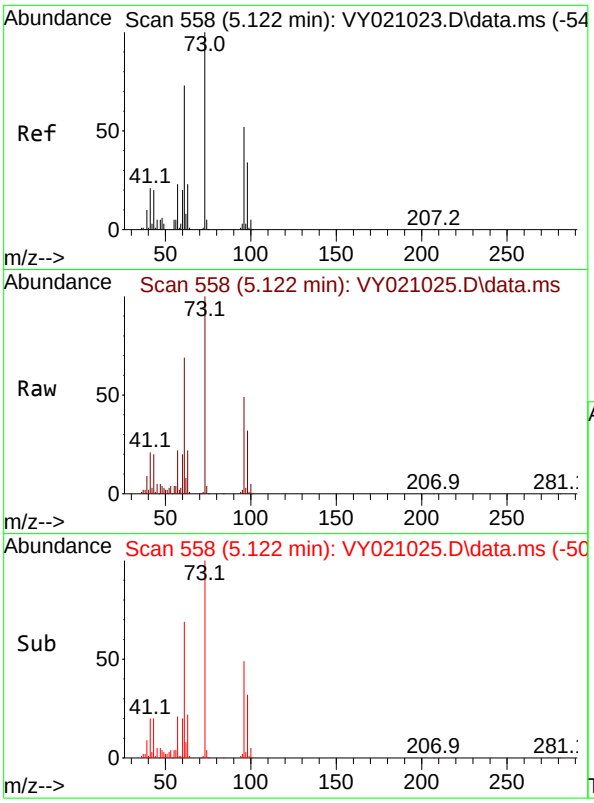


#20
Methylene Chloride
Concen: 109.728 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 84 Resp: 281630

Ion	Ratio	Lower	Upper
84	100		
49	126.1	95.2	142.8
51	38.6	29.9	44.9
86	64.4	52.2	78.4

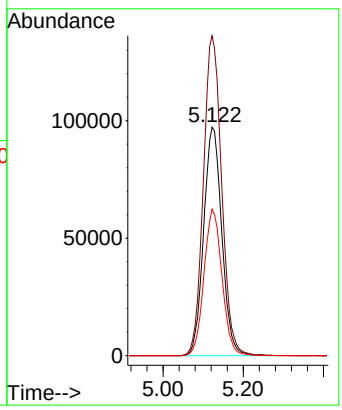




#21
trans-1,2-Dichloroethene
Concen: 134.636 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 96 Resp: 30616

Ion	Ratio	Lower	Upper
96	100		
61	140.1	104.6	156.8
98	64.1	50.9	76.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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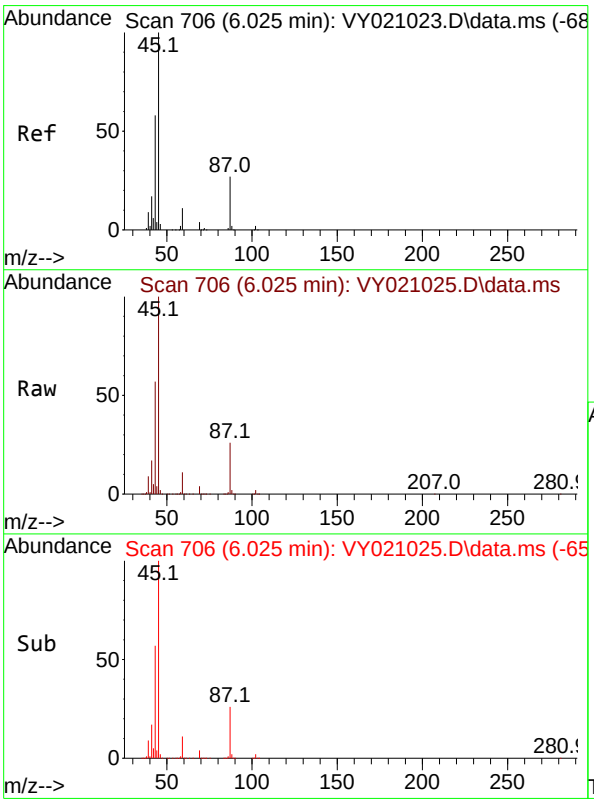
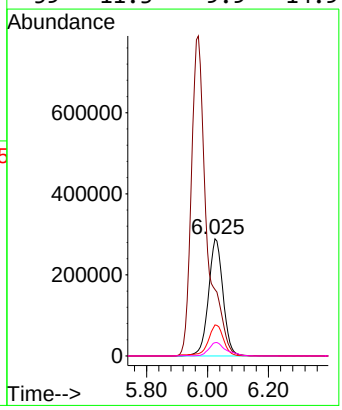
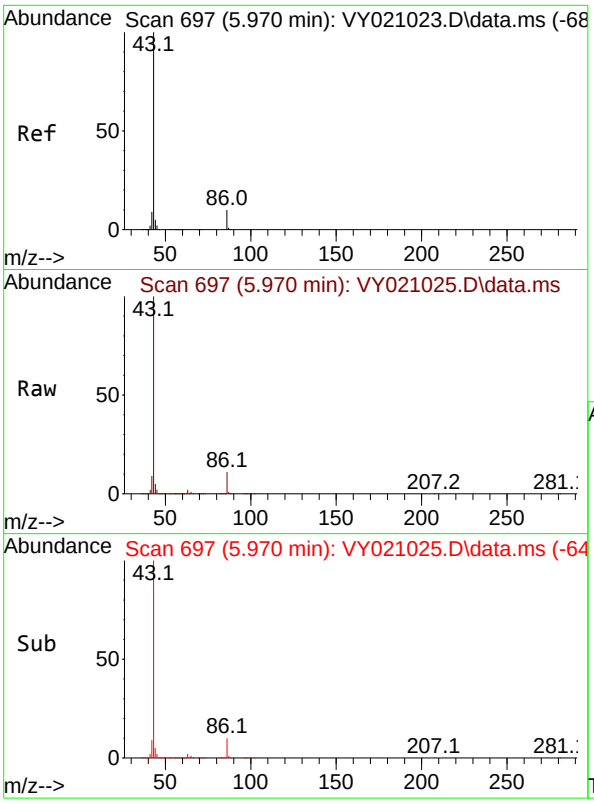


#22
Diisopropyl ether
Concen: 148.878 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 45 Resp: 955213

Ion	Ratio	Lower	Upper
45	100		
43	56.6	46.8	70.2
87	26.5	22.2	33.2
59	11.3	9.9	14.9





#23
Vinyl Acetate
Concen: 786.547 ug/l
RT: 5.970 min Scan# 6
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 43 Resp: 276142

Ion	Ratio	Lower	Upper
43	100		
86	10.5	8.6	13.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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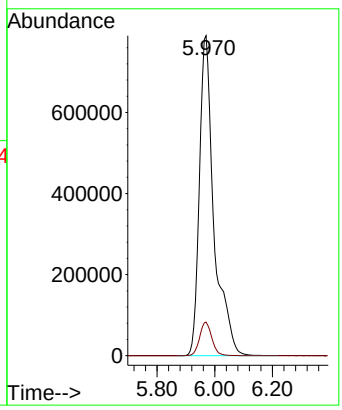
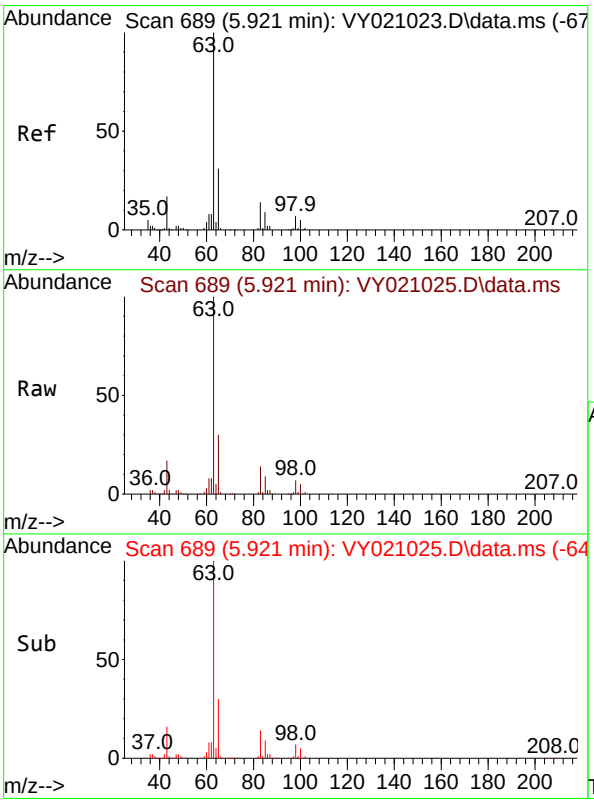
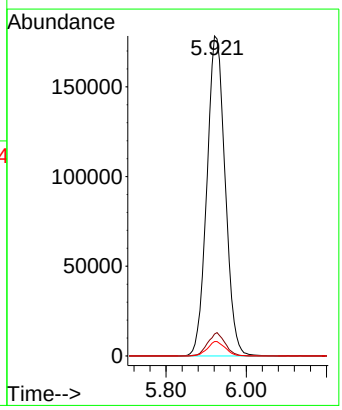


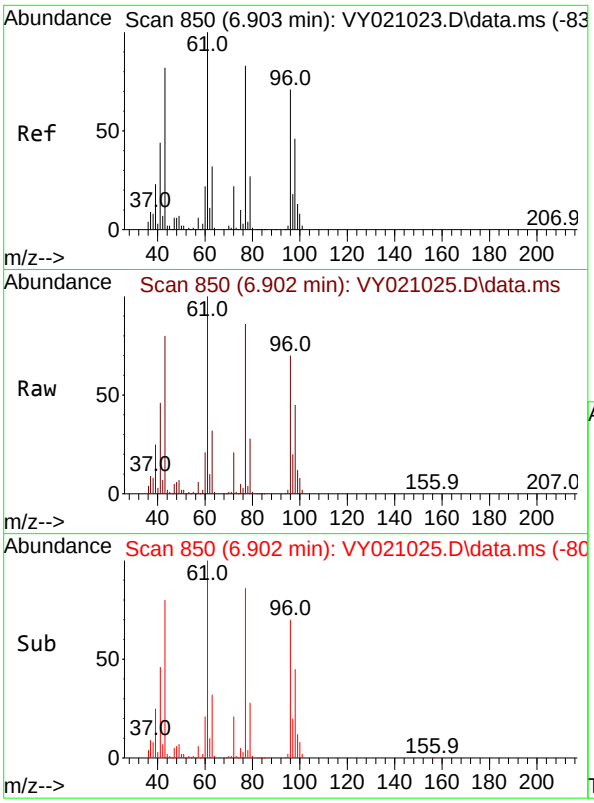


#24
1,1-Dichloroethane
Concen: 141.610 ug/l
RT: 5.921 min Scan# 689
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 63 Resp: 563116

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.8	11.4
100	4.5	2.1	6.2





#25
2-Butanone
Concen: 620.601 ug/l
RT: 6.902 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 43 Resp: 39588

Ion	Ratio	Lower	Upper
43	100		
72	26.4	21.4	32.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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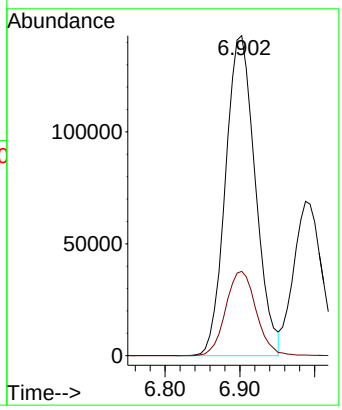
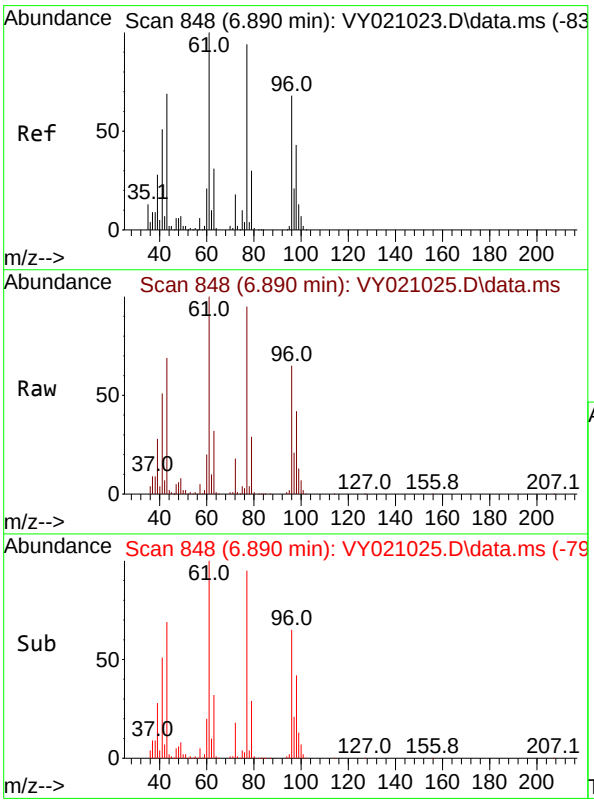
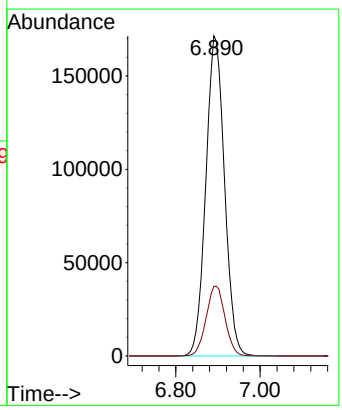


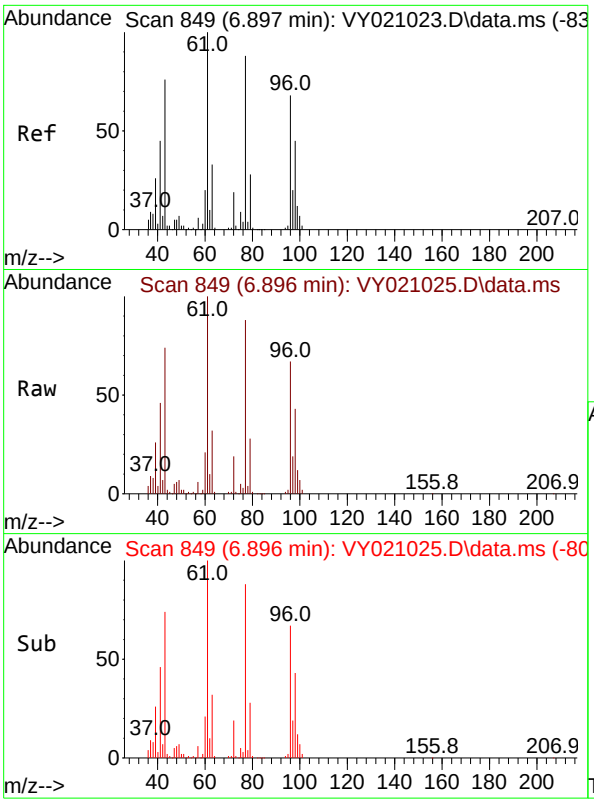


#26
2,2-Dichloropropane
Concen: 153.065 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 77 Resp: 527500

Ion	Ratio	Lower	Upper
77	100		
97	22.1	11.7	35.0

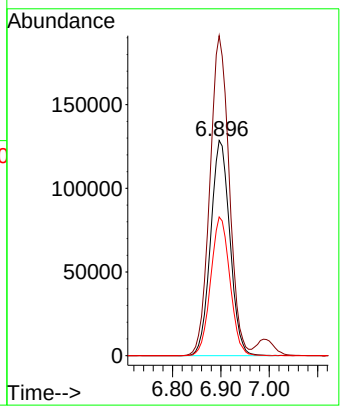




#27
cis-1,2-Dichloroethene
Concen: 144.373 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 96 Resp: 35649

Ion	Ratio	Lower	Upper
96	100		
61	149.4	0.0	278.8
98	64.4	0.0	127.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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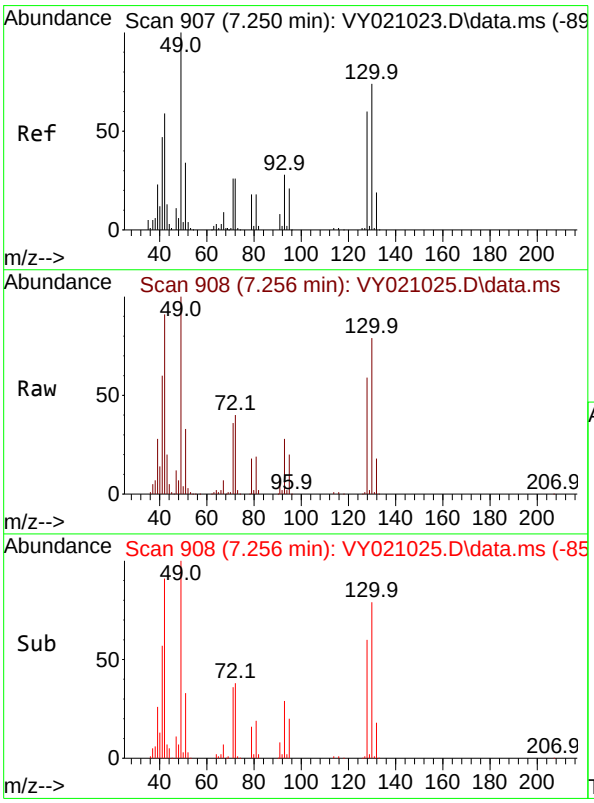
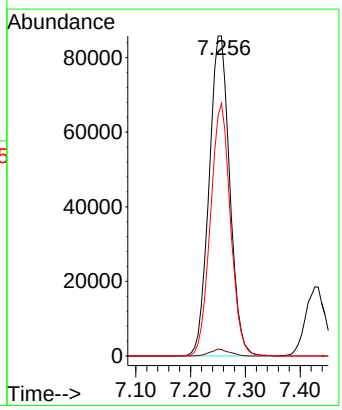
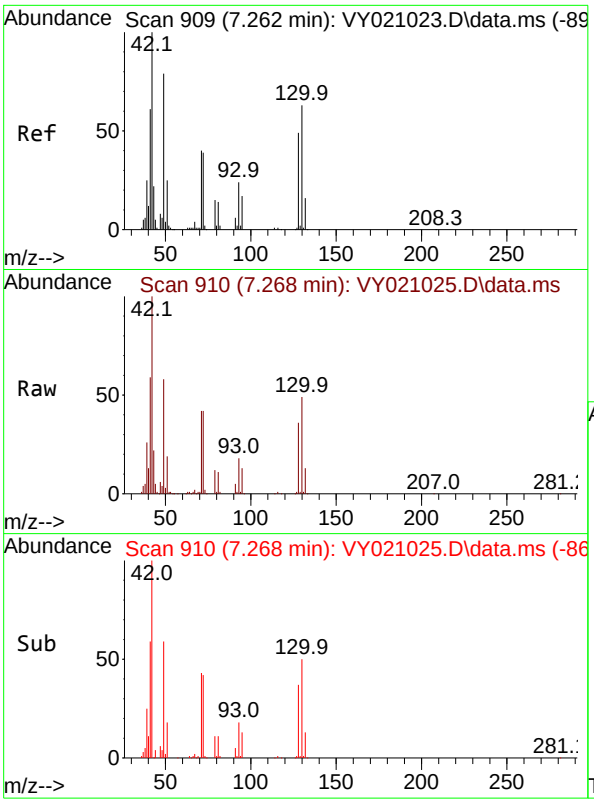


#28
Bromochloromethane
Concen: 131.225 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 49 Resp: 224174

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	76.4	59.8	89.8

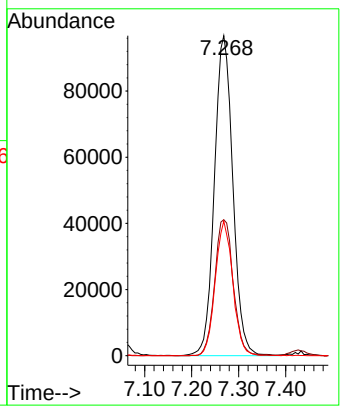




#29
Tetrahydrofuran
Concen: 736.644 ug/l
RT: 7.268 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 42 Resp: 26394

Ion	Ratio	Lower	Upper
42	100		
72	42.9	36.6	54.8
71	39.9	33.8	50.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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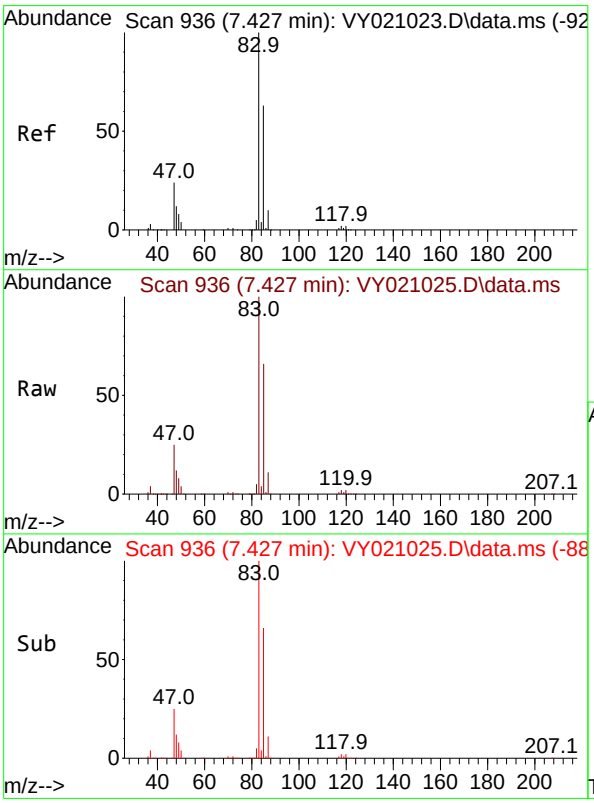
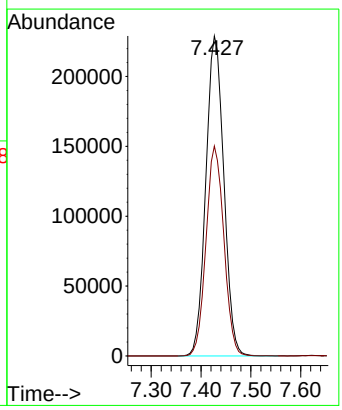
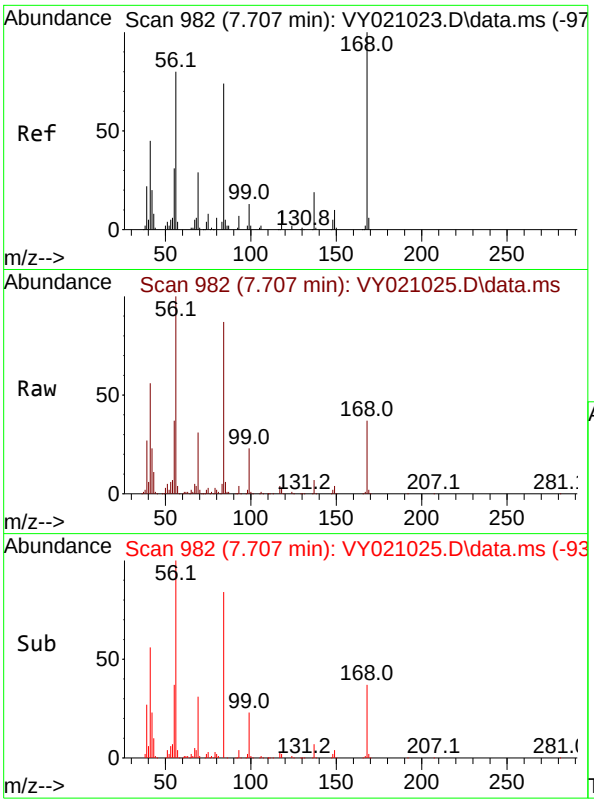


#30
Chloroform
Concen: 143.739 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 83 Resp: 572890

Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.2	76.8

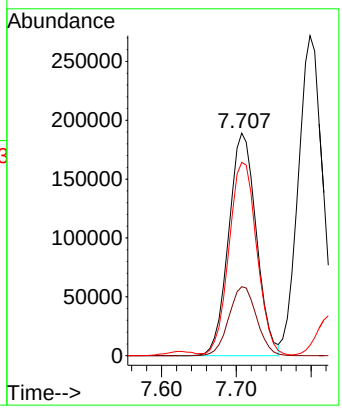




#31
Cyclohexane
Concen: 128.899 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 56 Resp: 48516

Ion	Ratio	Lower	Upper
56	100		
69	31.0	27.0	40.6
84	84.9	71.8	107.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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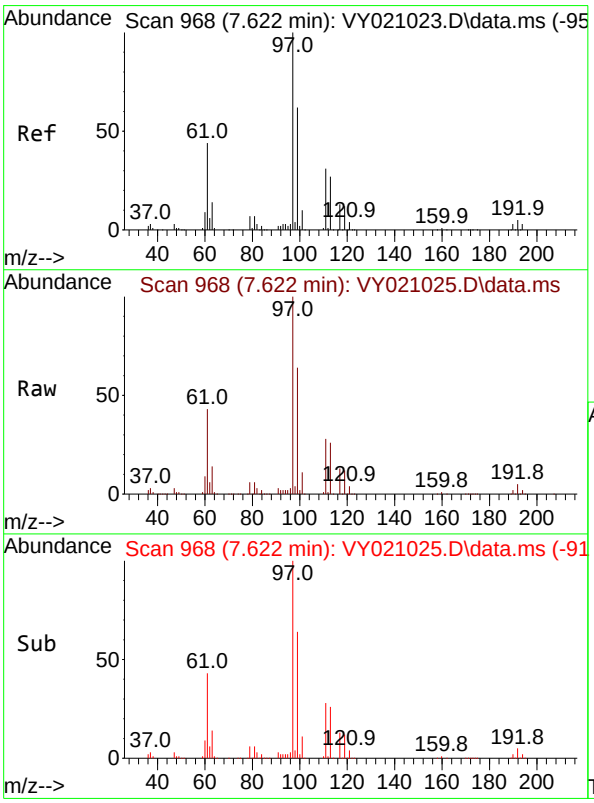
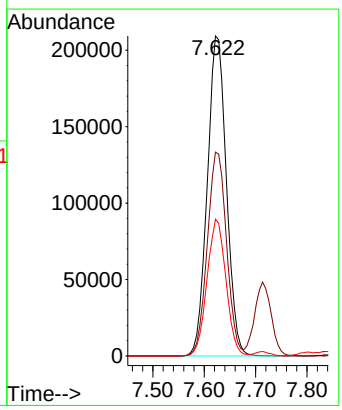
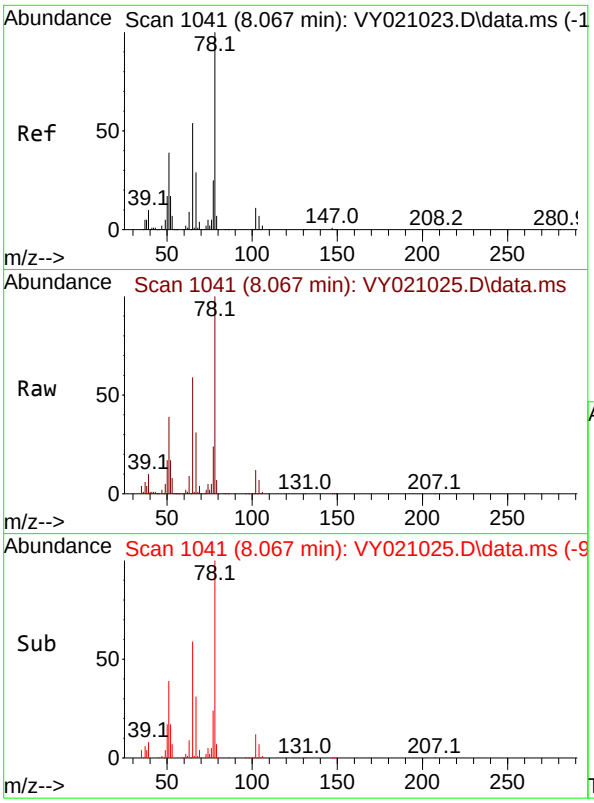


#32
1,1,1-Trichloroethane
Concen: 151.377 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 97 Resp: 540513

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.2	76.8
61	42.5	35.0	52.6

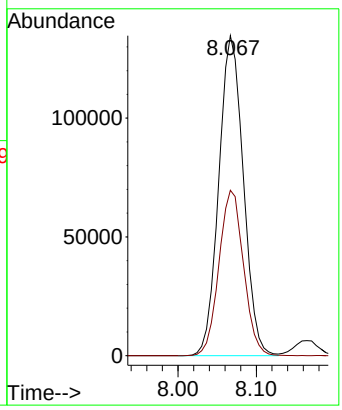




#33
1,2-Dichloroethane-d4
Concen: 145.336 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 65 Resp: 29366

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	109.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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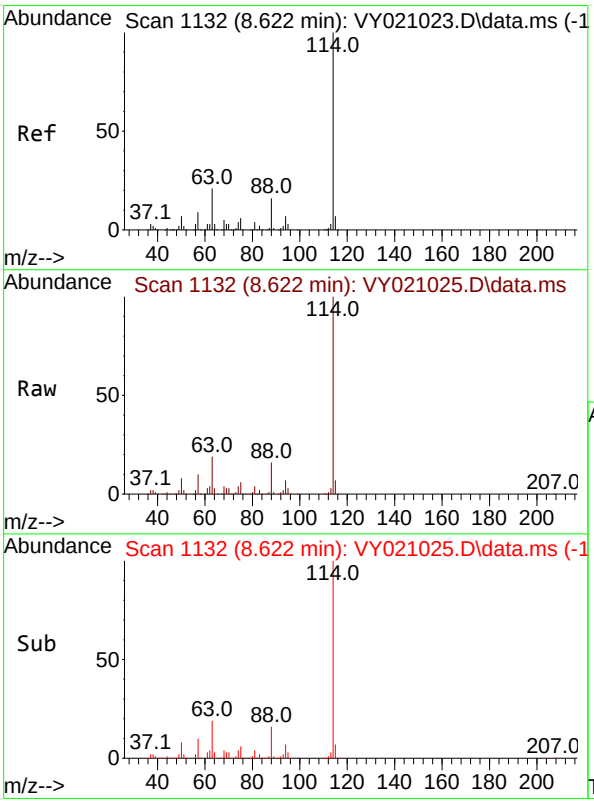
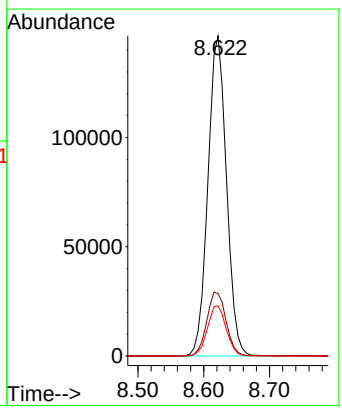
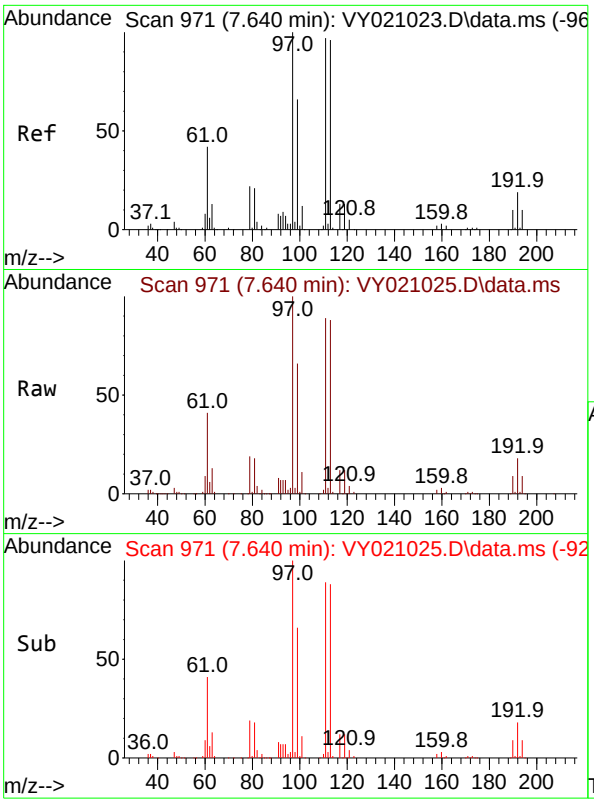


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:114 Resp: 287697

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	37.4
88	15.7	0.0	29.0

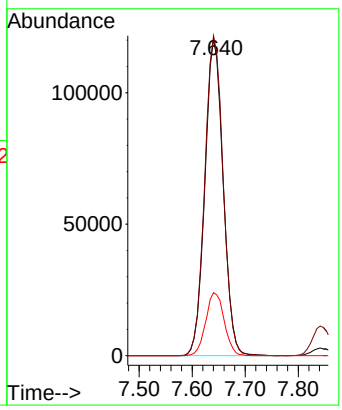




#35
Dibromofluoromethane
Concen: 155.917 ug/l
RT: 7.640 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:113 Resp: 28779

Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.8	125.6
192	20.1	14.5	21.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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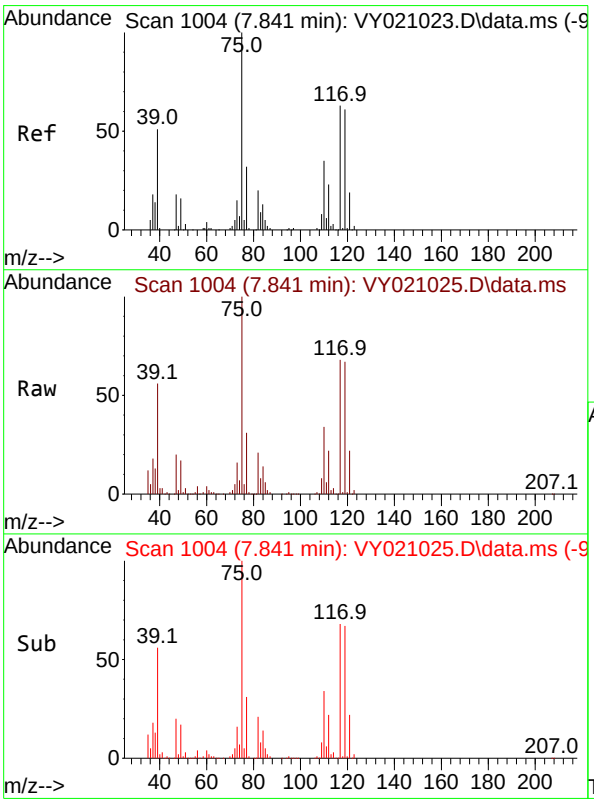
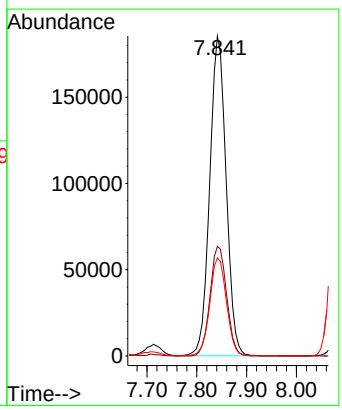
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

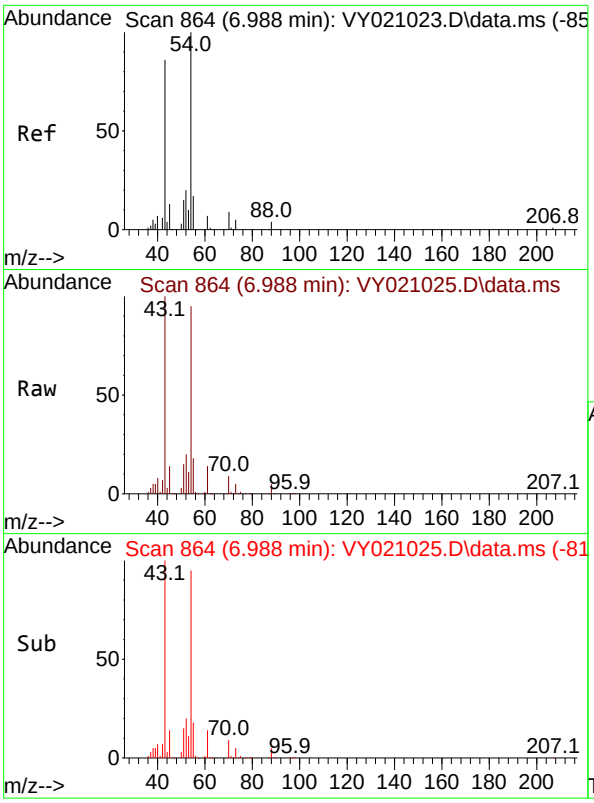


#36
1,1-Dichloropropene
Concen: 143.160 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 75 Resp: 423720

Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.4	52.3
77	31.4	24.7	37.1





#37
Ethyl Acetate
Concen: 153.217 ug/l
RT: 6.988 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 43 Resp: 18666

Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.0	16.6
70	9.6	8.1	12.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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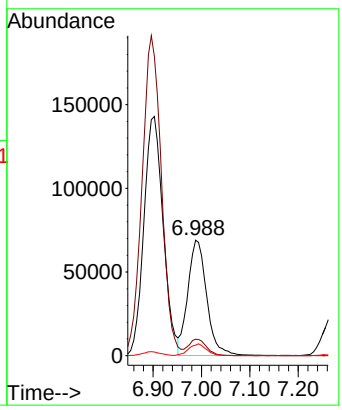
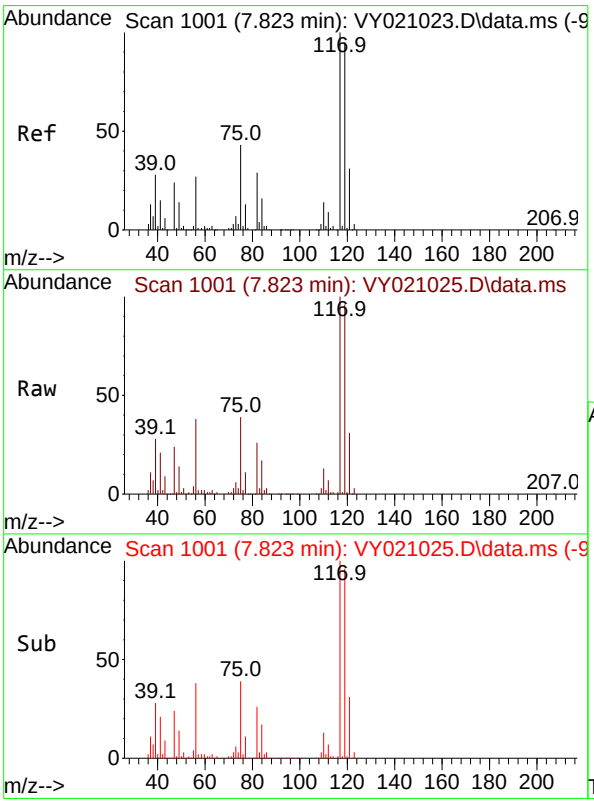
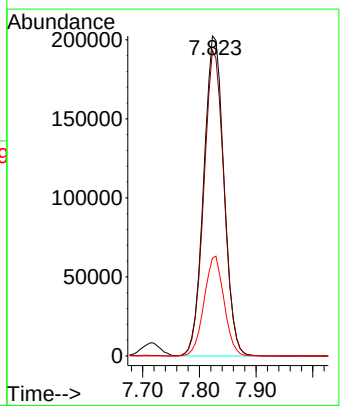


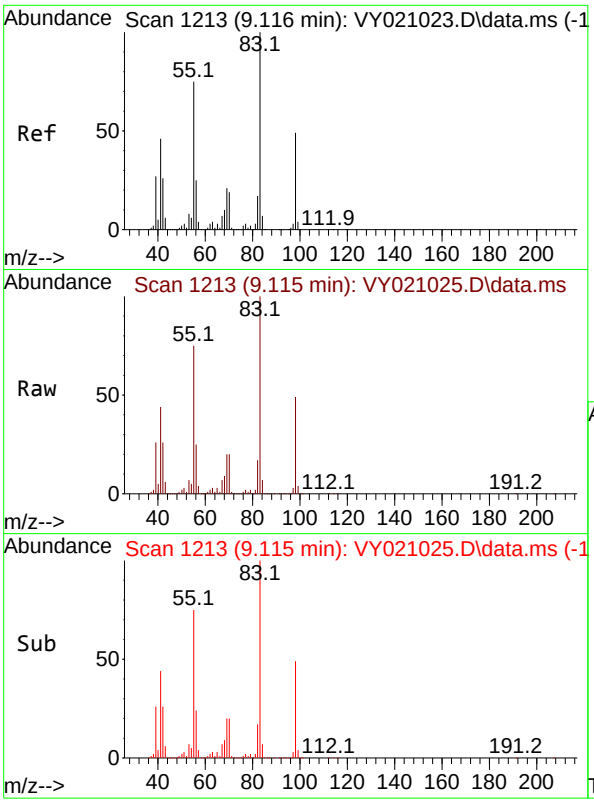


#38
Carbon Tetrachloride
Concen: 170.502 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:117 Resp: 501205

Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.0	114.0
121	30.6	24.2	36.2





#39
Methylcyclohexane
Concen: 152.474 ug/l
RT: 9.115 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 83 Resp: 54290

Ion	Ratio	Lower	Upper
83	100		
55	75.5	59.7	89.5
98	49.2	38.0	57.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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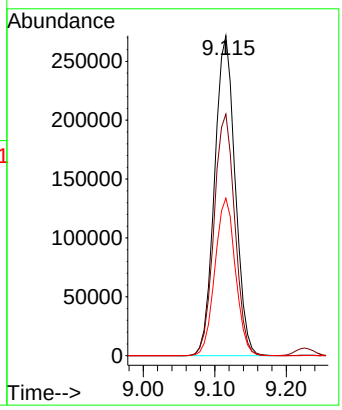
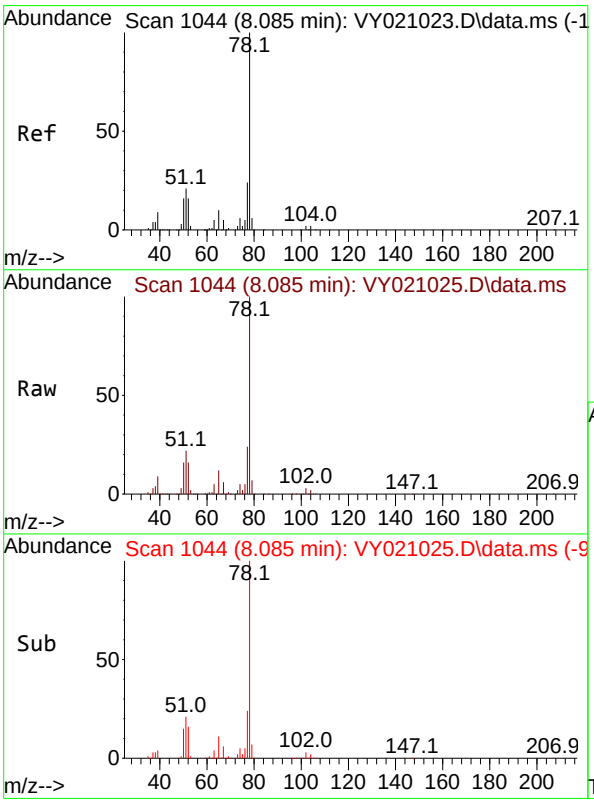
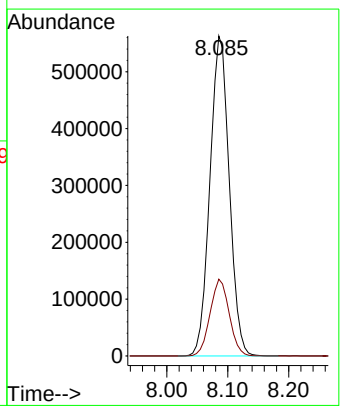


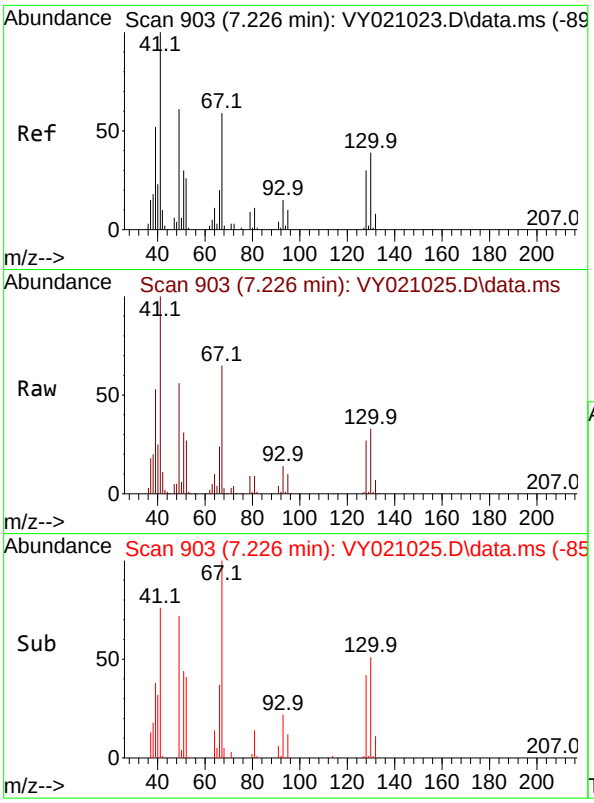


#40
Benzene
Concen: 148.429 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 78 Resp: 1239229

Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2

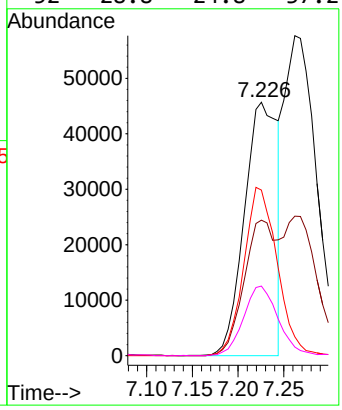




#41
Methacrylonitrile
Concen: 185.120 ug/l
RT: 7.226 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 41 Resp: 11523

Ion	Ratio	Lower	Upper
41	100		
39	52.7	41.9	62.9
67	67.4	59.8	89.6
52	28.8	24.8	37.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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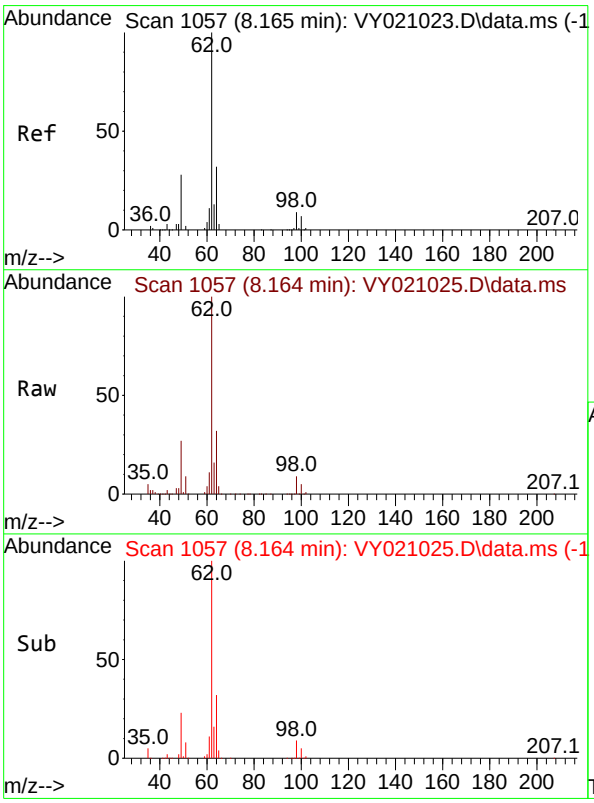
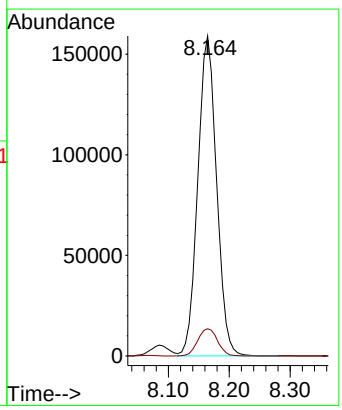
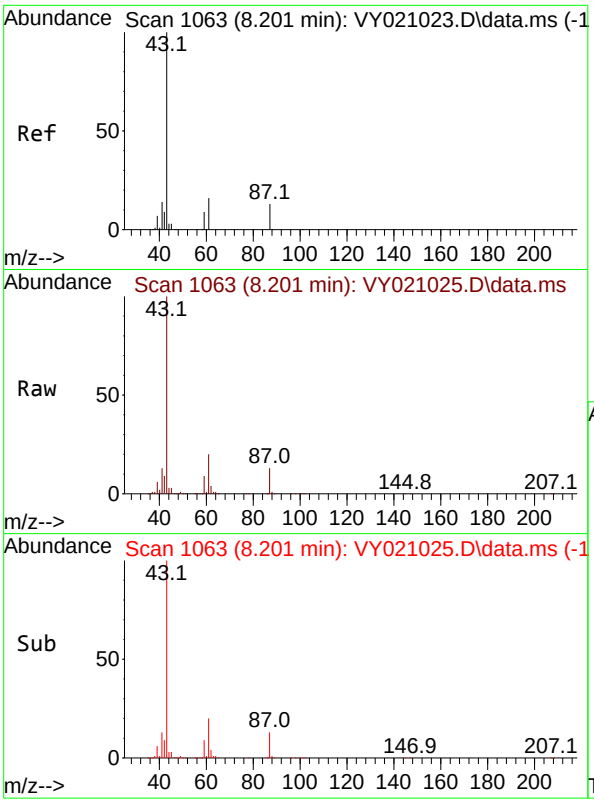


#42
1,2-Dichloroethane
Concen: 158.367 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 62 Resp: 340547

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	20.2





#43
Isopropyl Acetate
Concen: 175.917 ug/l
RT: 8.201 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 43 Resp: 38896

Ion	Ratio	Lower	Upper
43	100		
61	20.0	24.8	37.2
87	13.1	10.7	16.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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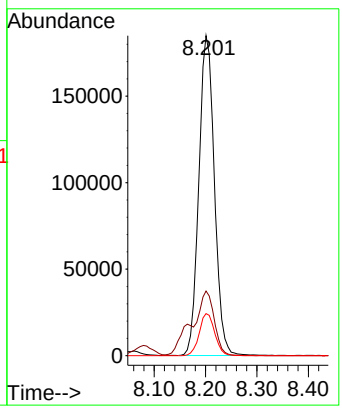
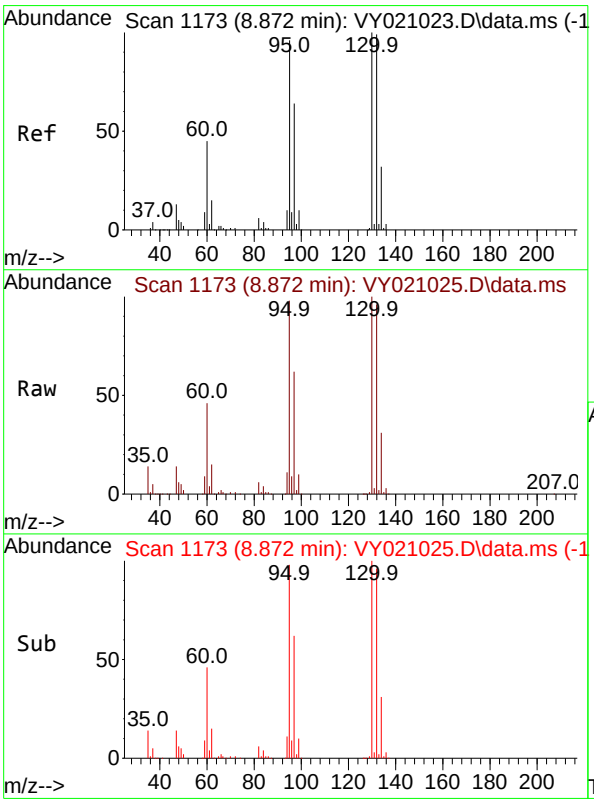
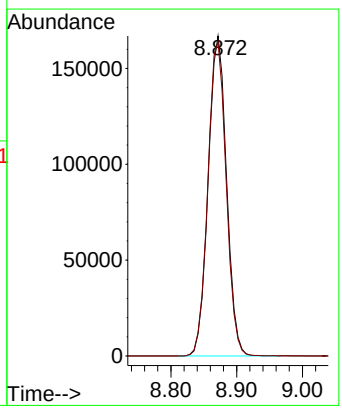


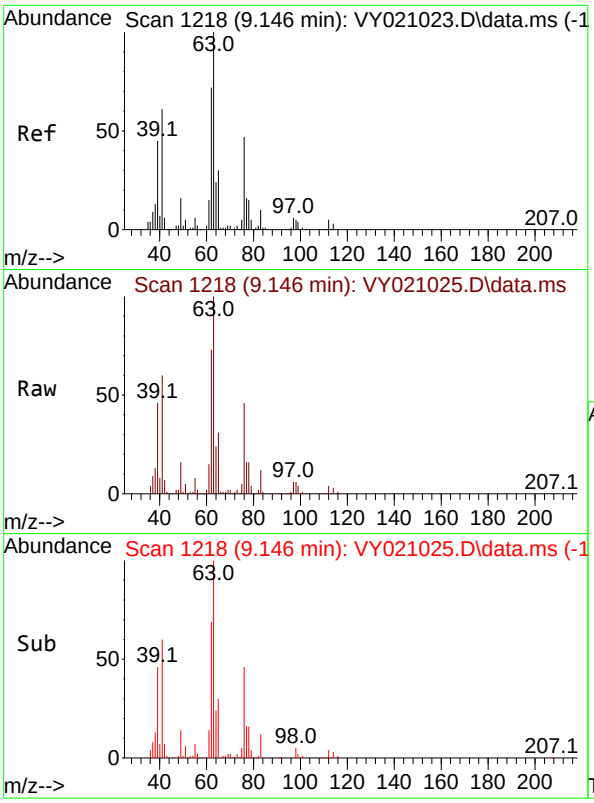


#44
Trichloroethene
Concen: 150.703 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:130 Resp: 323716

Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	203.8

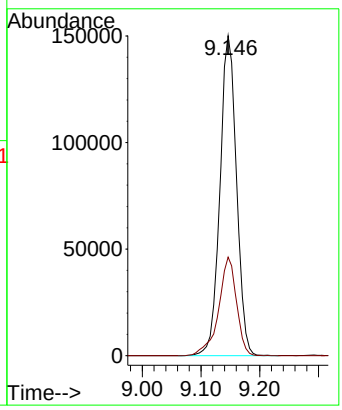




#45
1,2-Dichloropropane
Concen: 147.060 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 63 Resp: 29415

Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.6	36.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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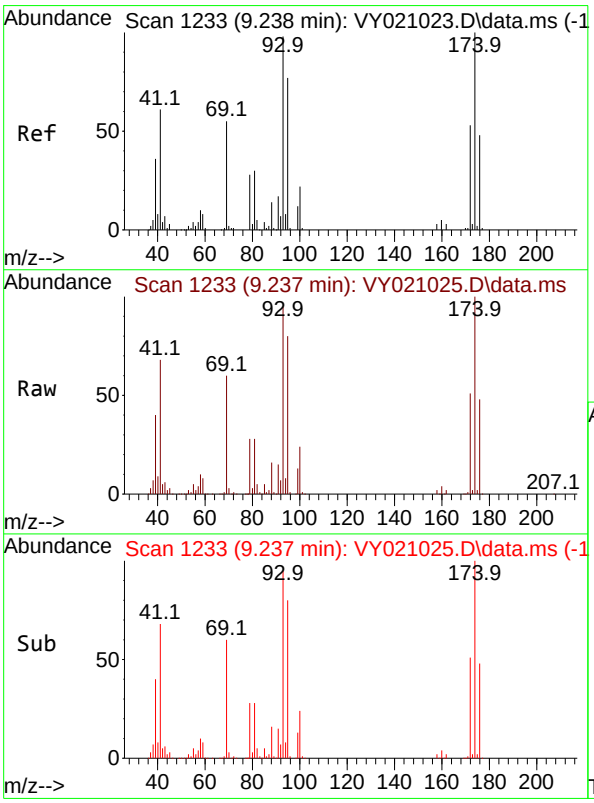
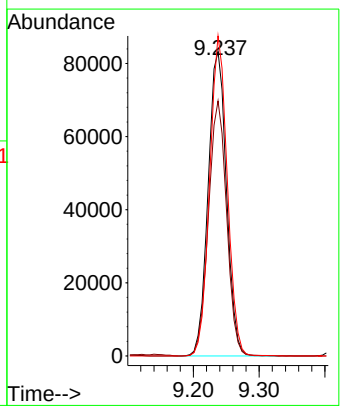
Supervised By :Semsettin Yesilyurt 02/04/2025

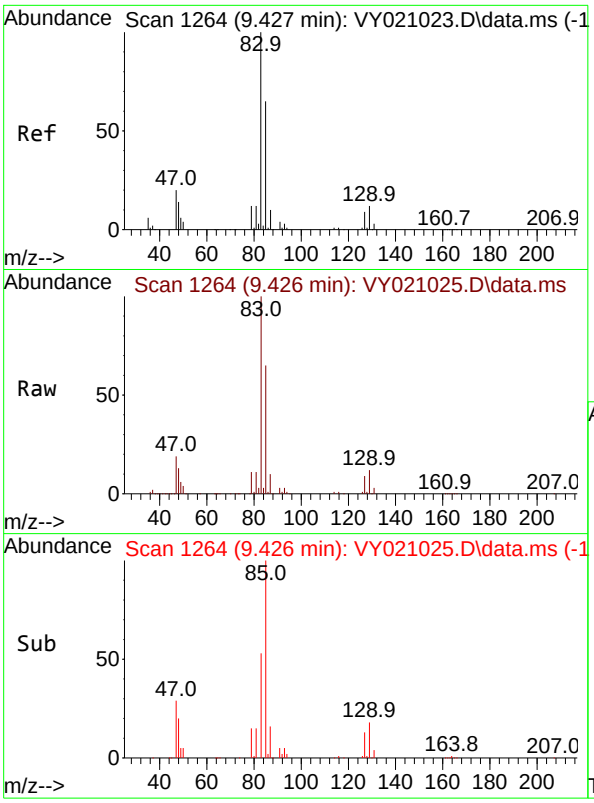


#46
Dibromomethane
Concen: 154.118 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 93 Resp: 161341

Ion	Ratio	Lower	Upper
93	100		
95	82.9	66.6	99.8
174	101.4	73.8	110.6

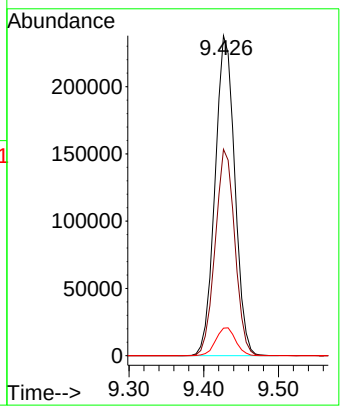




#47
Bromodichloromethane
Concen: 160.591 ug/l
RT: 9.426 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 83 Resp: 43711

Ion	Ratio	Lower	Upper
83	100		
85	64.5	53.2	79.8
127	8.6	6.4	9.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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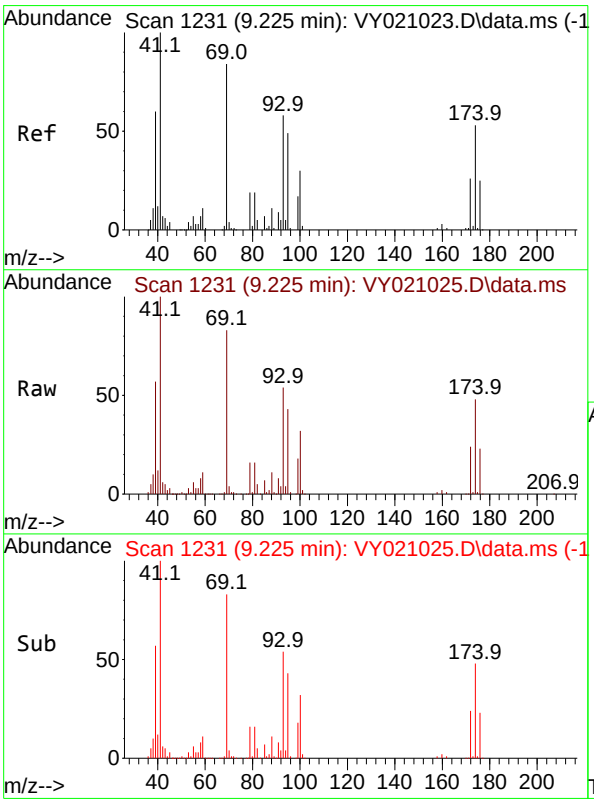
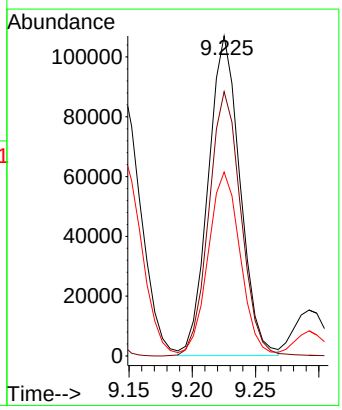
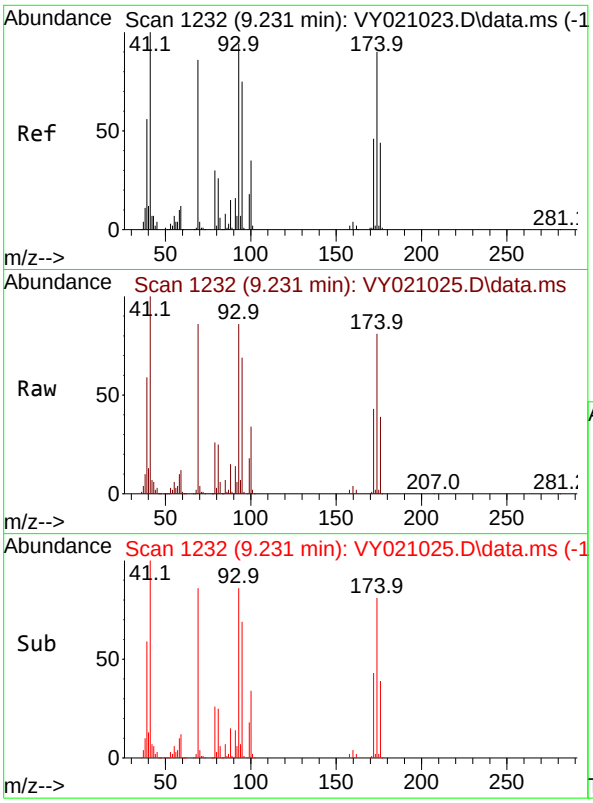


#48
Methyl methacrylate
Concen: 167.251 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 41 Resp: 187040

Ion	Ratio	Lower	Upper
41	100		
69	83.4	72.1	108.1
39	55.8	42.8	64.2

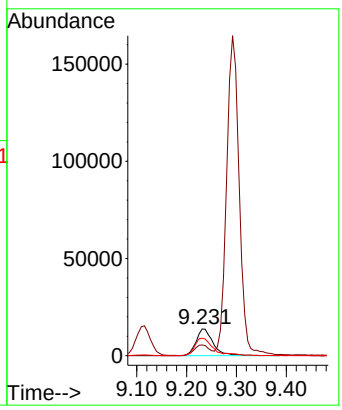




#49
1,4-Dioxane
Concen: 3078.544 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 88 Resp: 3270

Ion	Ratio	Lower	Upper
88	100		
43	36.2	28.2	42.4
58	72.3	52.2	78.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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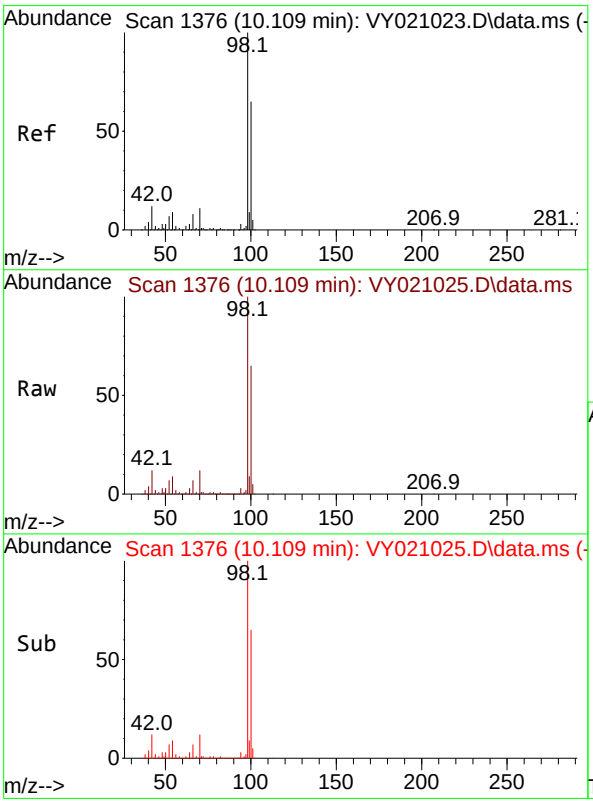
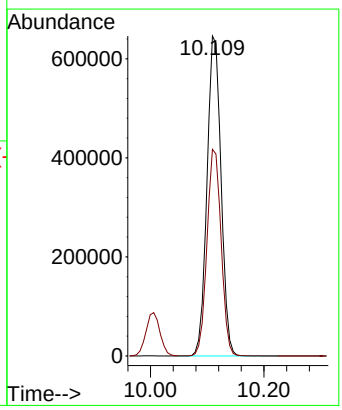
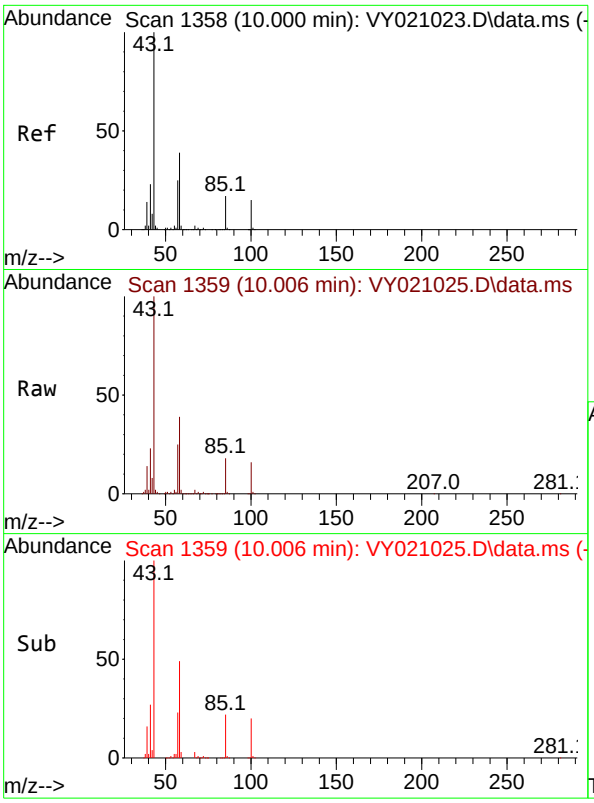


#50
Toluene-d8
Concen: 156.140 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 98 Resp: 1111573

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.3	78.5





#51
4-Methyl-2-Pentanone
Concen: 814.397 ug/l
RT: 10.006 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 43 Resp: 96550

Ion	Ratio	Lower	Upper
43	100		
58	38.9	32.2	48.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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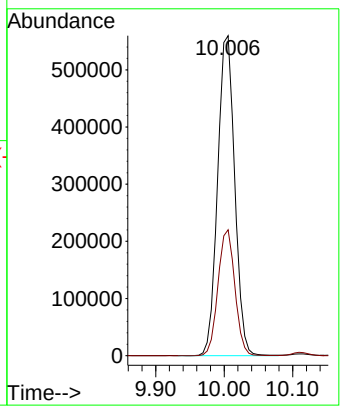
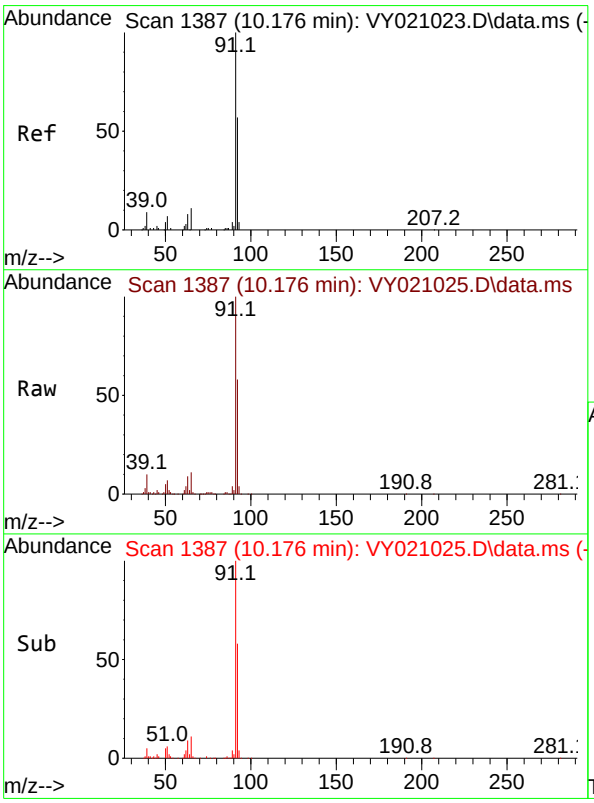
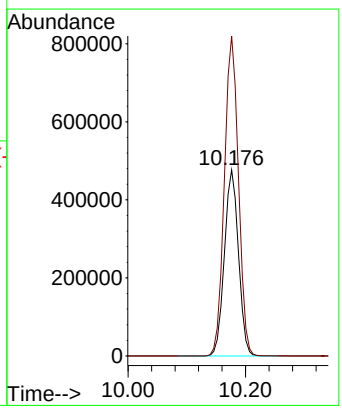


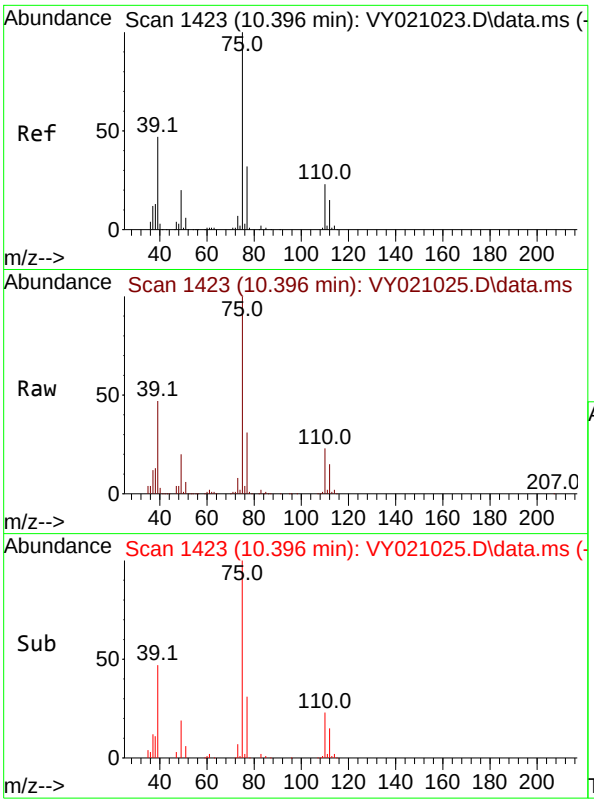


#52
Toluene
Concen: 155.591 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 92 Resp: 792134

Ion	Ratio	Lower	Upper
92	100		
91	172.3	137.6	206.4

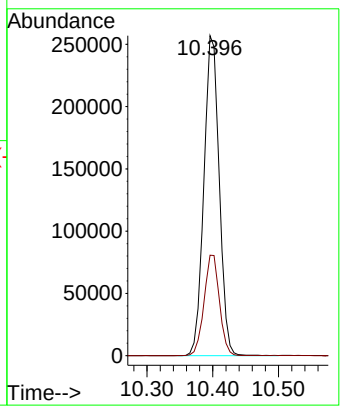




#53
t-1,3-Dichloropropene
Concen: 166.270 ug/l
RT: 10.396 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 75 Resp: 41687

Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.6	36.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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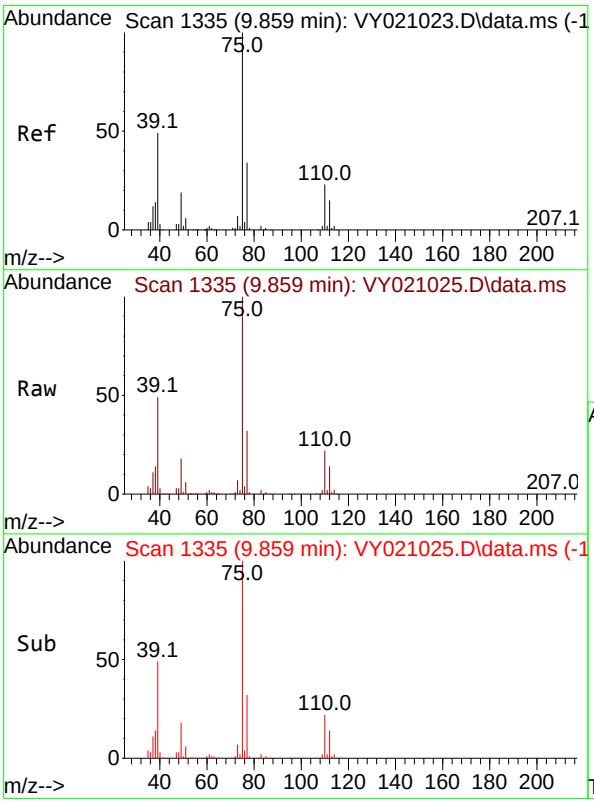
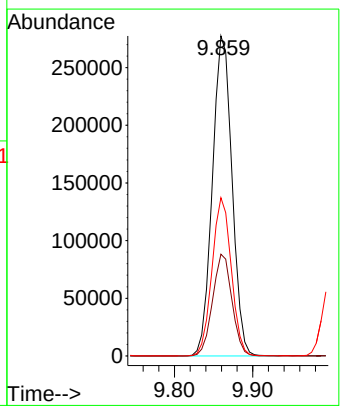
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

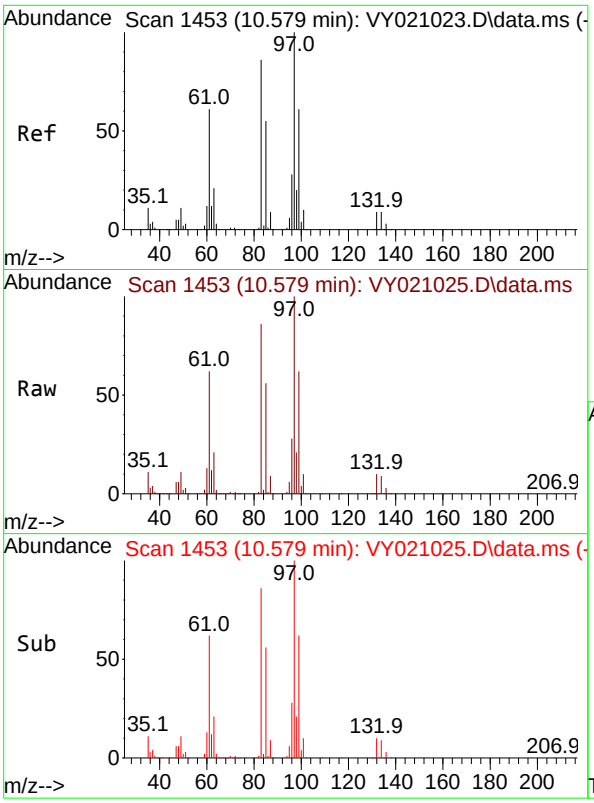


#54
cis-1,3-Dichloropropene
Concen: 158.232 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 75 Resp: 483429

Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.6	36.8
39	49.4	33.6	50.4

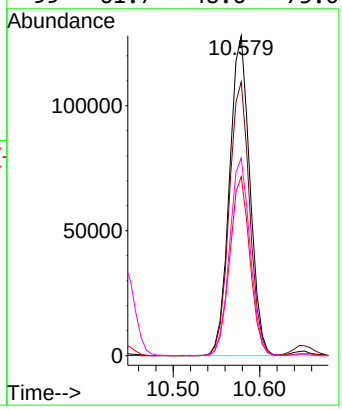




#55
1,1,2-Trichloroethane
Concen: 146.925 ug/l
RT: 10.579 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 97 Resp: 20900

Ion	Ratio	Lower	Upper
97	100		
83	85.6	69.4	104.2
85	56.0	43.9	65.9
99	61.7	48.6	73.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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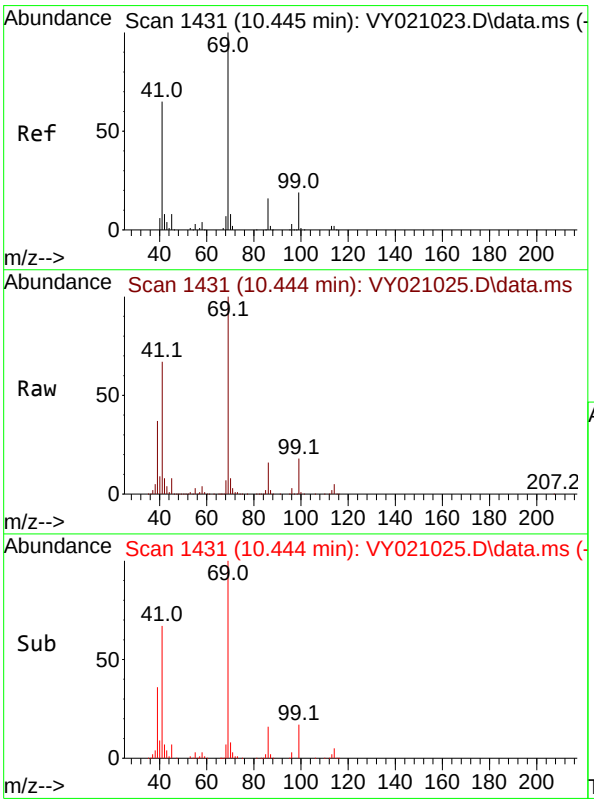
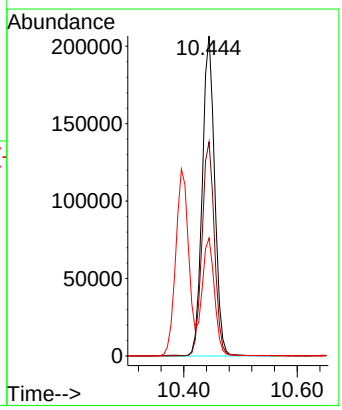
Supervised By :Semsettin Yesilyurt 02/04/2025

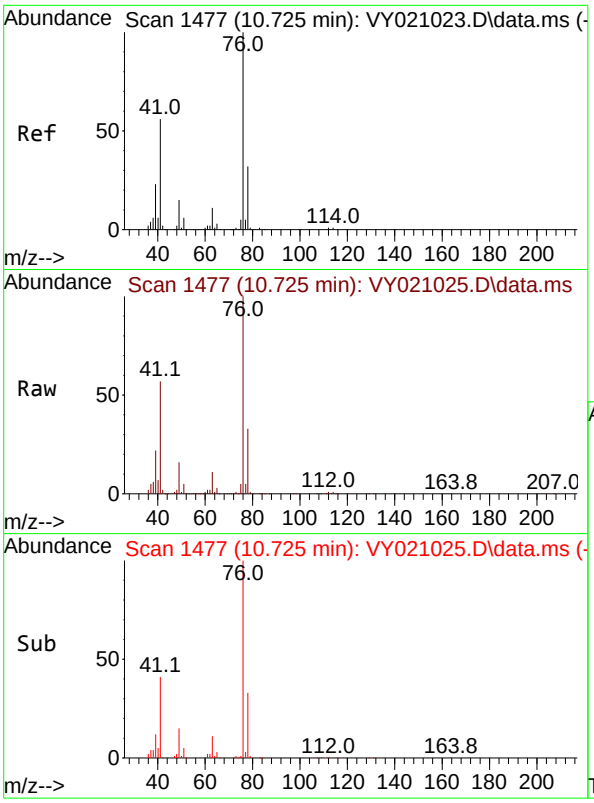


#56
Ethyl methacrylate
Concen: 200.500 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 69 Resp: 313458

Ion	Ratio	Lower	Upper
69	100		
41	67.0	49.2	73.8
39	37.0	26.8	40.2

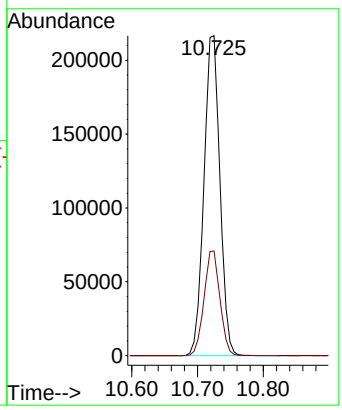




#57
1,3-Dichloropropane
Concen: 149.005 ug/l
RT: 10.725 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 76 Resp: 36555

Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.1	39.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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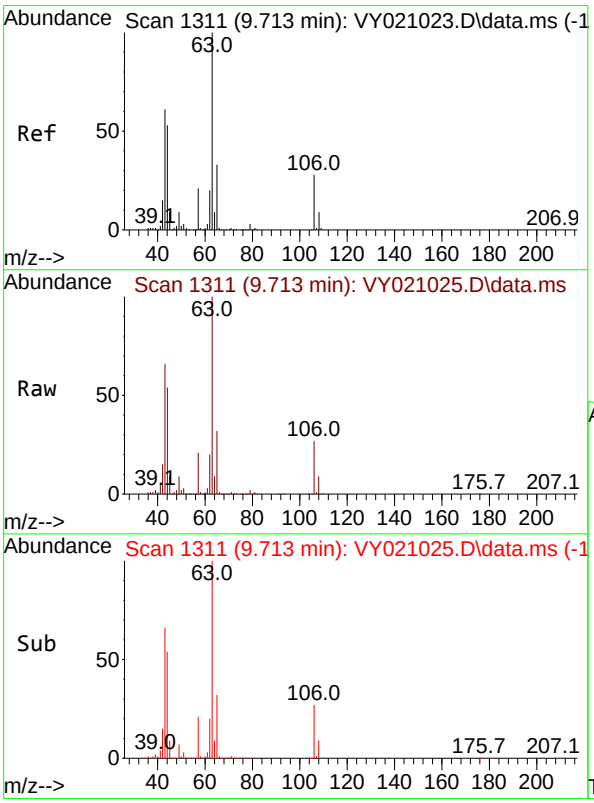
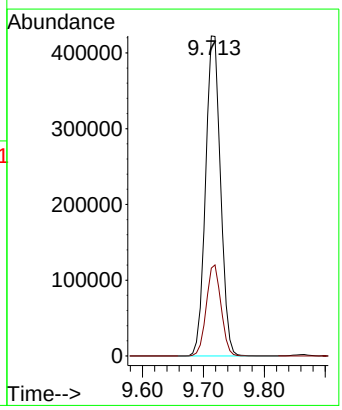
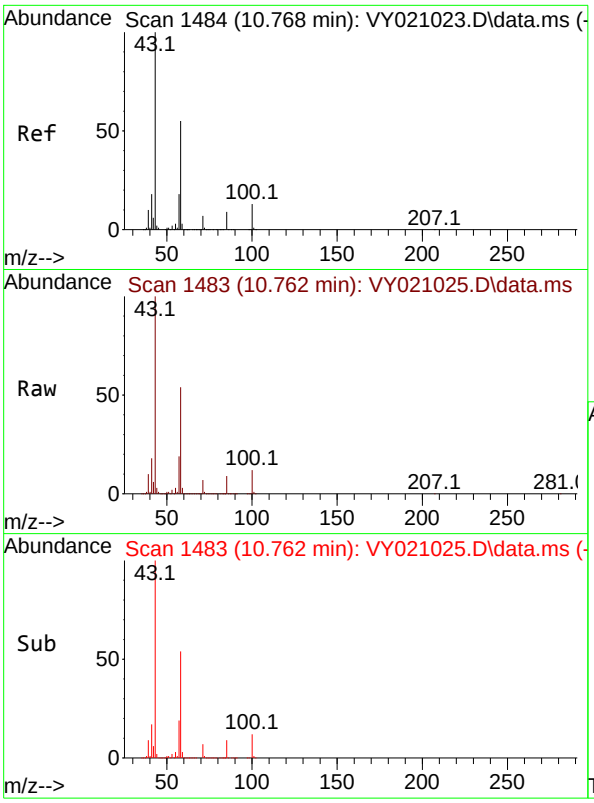


#58
2-Chloroethyl Vinyl ether
Concen: 788.766 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 63 Resp: 721923

Ion	Ratio	Lower	Upper
63	100		
106	28.0	22.4	33.6

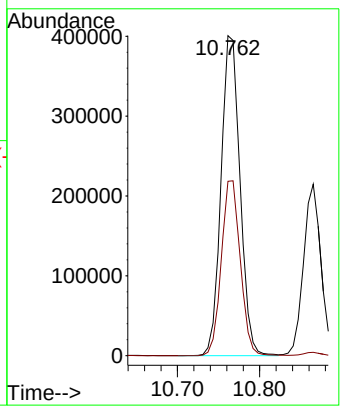




#59
2-Hexanone
Concen: 763.675 ug/l
RT: 10.762 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 43 Resp: 64244

Ion	Ratio	Lower	Upper
43	100		
58	54.6	28.1	84.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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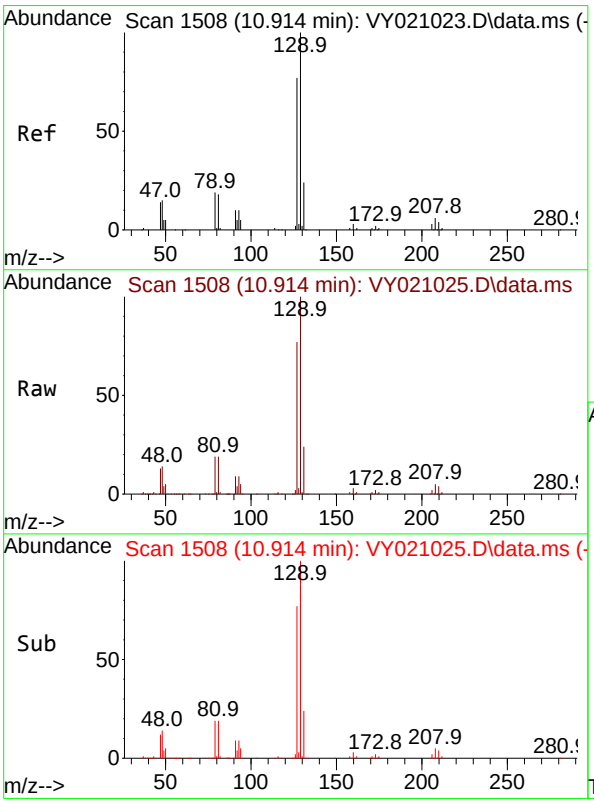
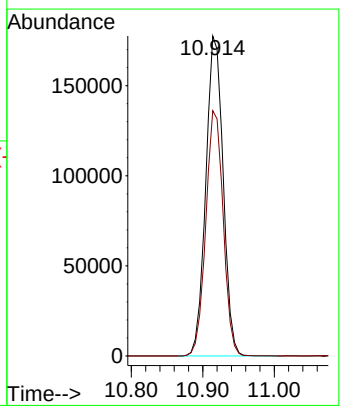
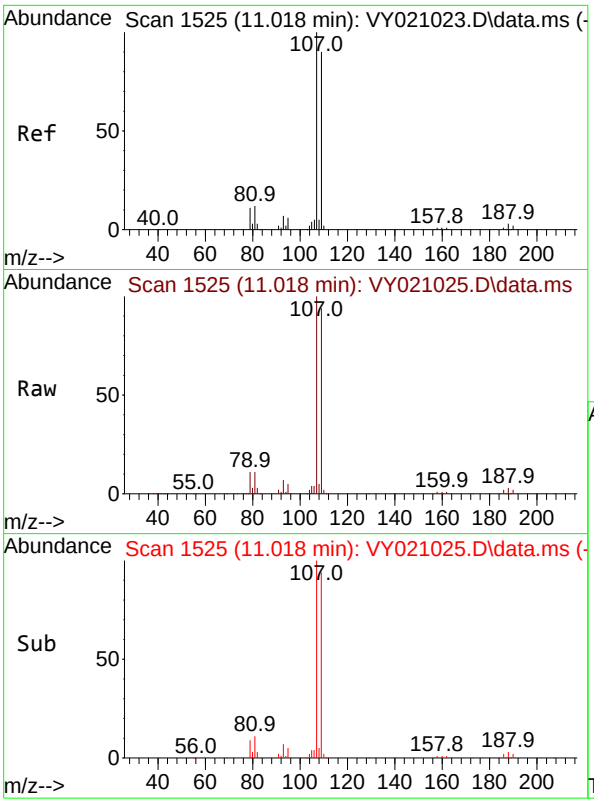


#60
Dibromochloromethane
Concen: 175.351 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:129 Resp: 298751

Ion	Ratio	Lower	Upper
129	100		
127	76.9	39.2	117.6

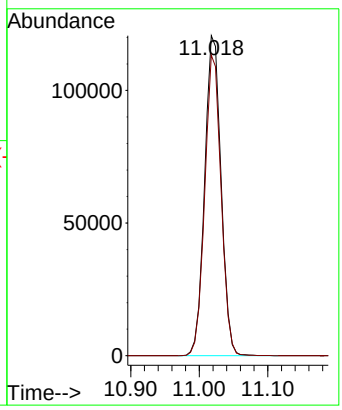




#61
1,2-Dibromoethane
Concen: 153.273 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:107 Resp: 20084

Ion	Ratio	Lower	Upper
107	100		
109	93.5	75.4	113.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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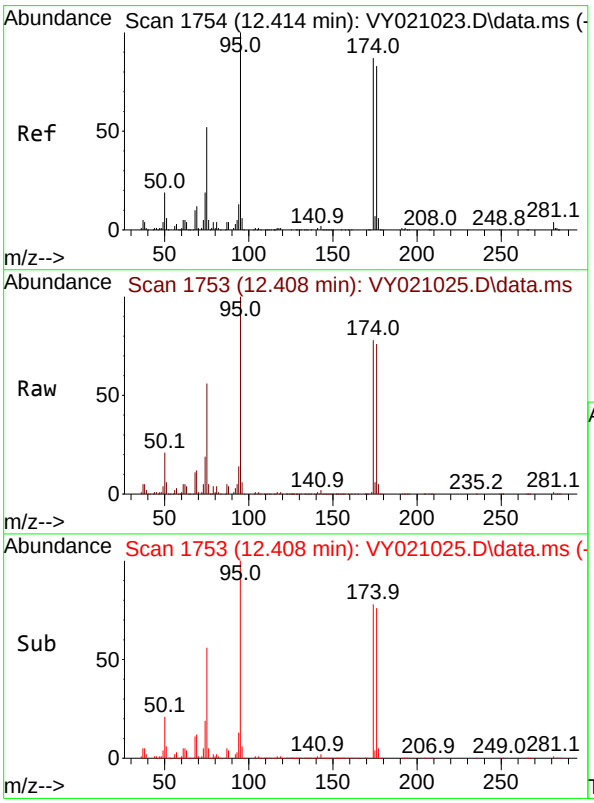
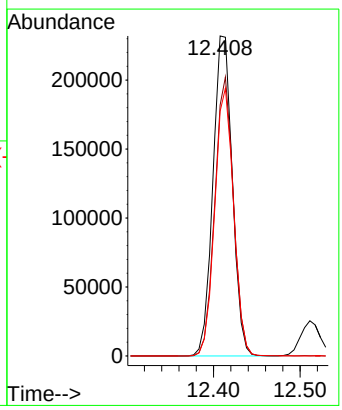
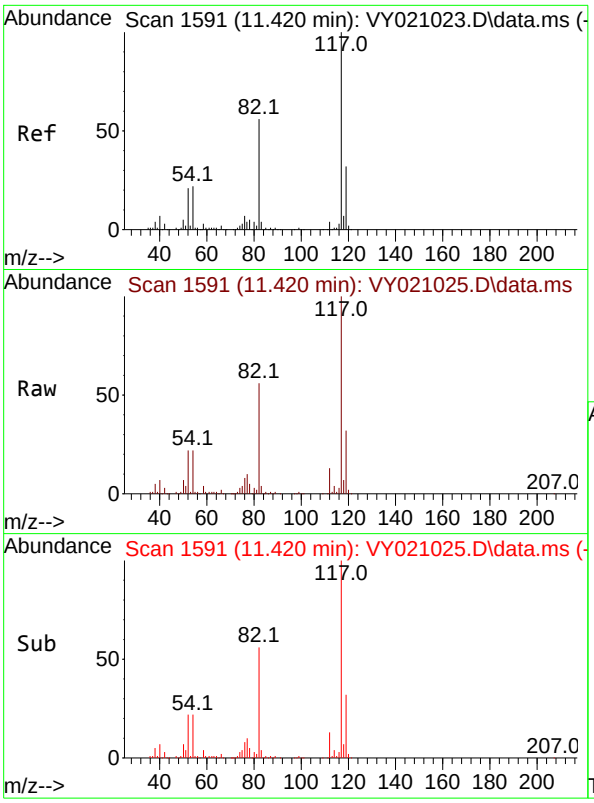


#62
4-Bromofluorobenzene
Concen: 162.912 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 95 Resp: 360358

Ion	Ratio	Lower	Upper
95	100		
174	84.2	0.0	160.0
176	81.4	0.0	151.8

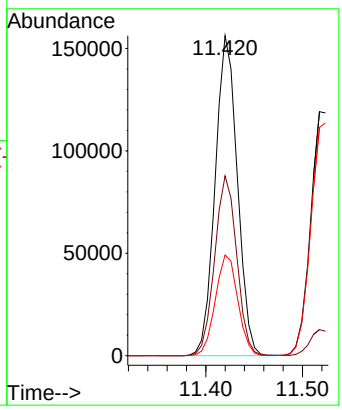




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:117 Resp: 24852

Ion	Ratio	Lower	Upper
117	100		
82	56.2	43.8	65.8
119	31.5	26.5	39.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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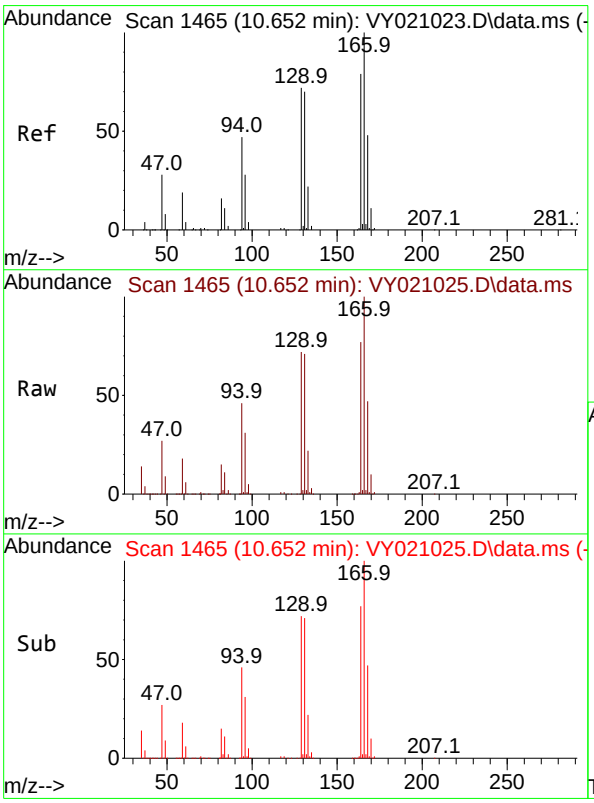
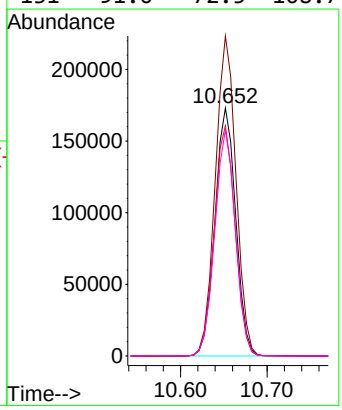
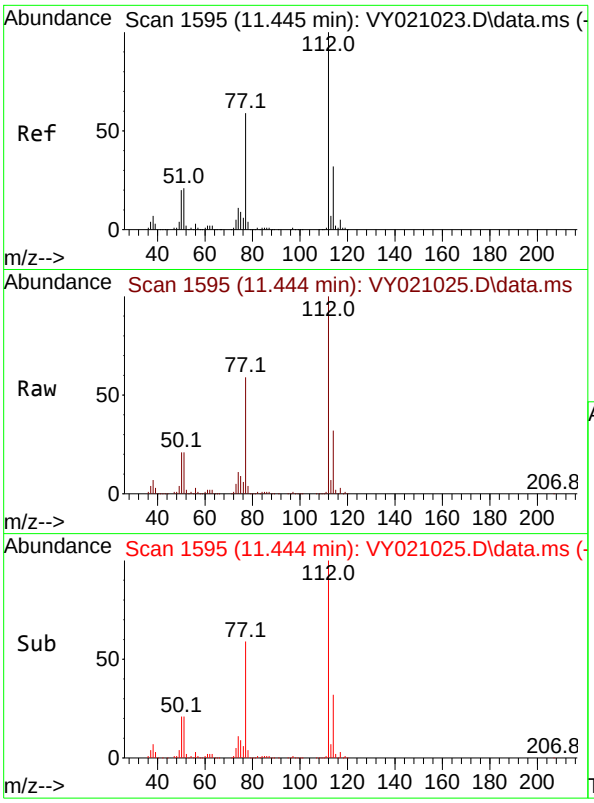


#64
Tetrachloroethene
Concen: 156.856 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:164 Resp: 288752

Ion	Ratio	Lower	Upper
164	100		
166	129.1	98.8	148.2
129	92.8	78.9	118.3
131	91.0	72.5	108.7

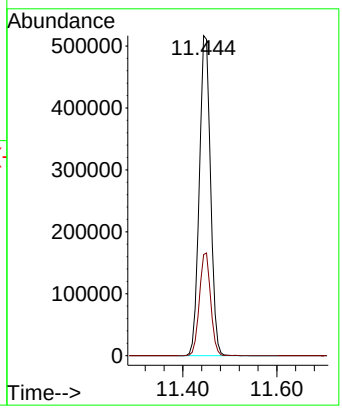




#65
Chlorobenzene
Concen: 161.190 ug/l
RT: 11.444 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:112 Resp: 85448

Ion	Ratio	Lower	Upper
112	100		
114	31.6	26.1	39.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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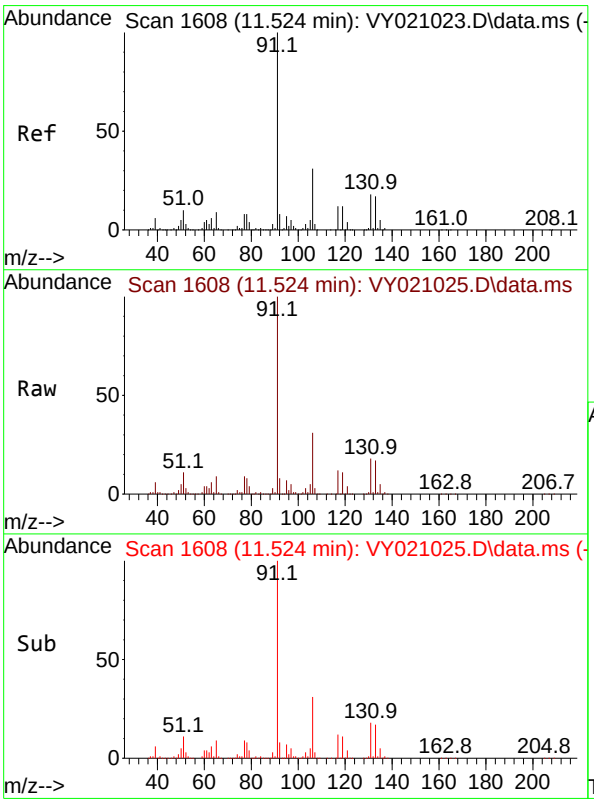
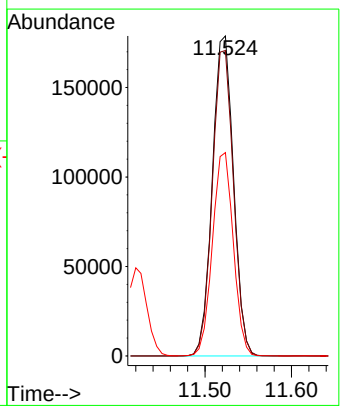
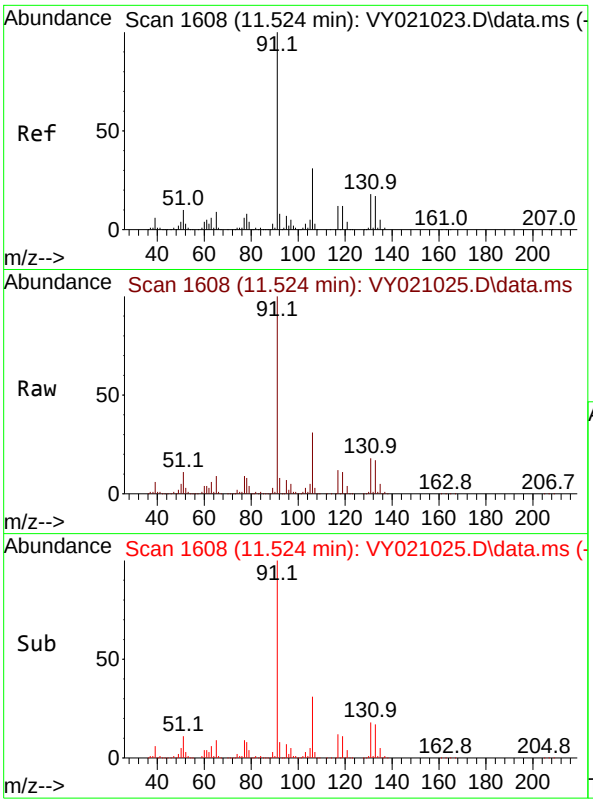


#66
1,1,1,2-Tetrachloroethane
Concen: 159.942 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:131 Resp: 303176

Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.0	141.0
119	62.8	33.3	99.9

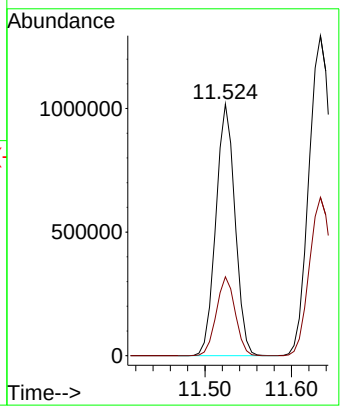




#67
Ethyl Benzene
Concen: 161.195 ug/l
RT: 11.524 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 91 Resp: 156065

Ion	Ratio	Lower	Upper
91	100		
106	31.3	25.0	37.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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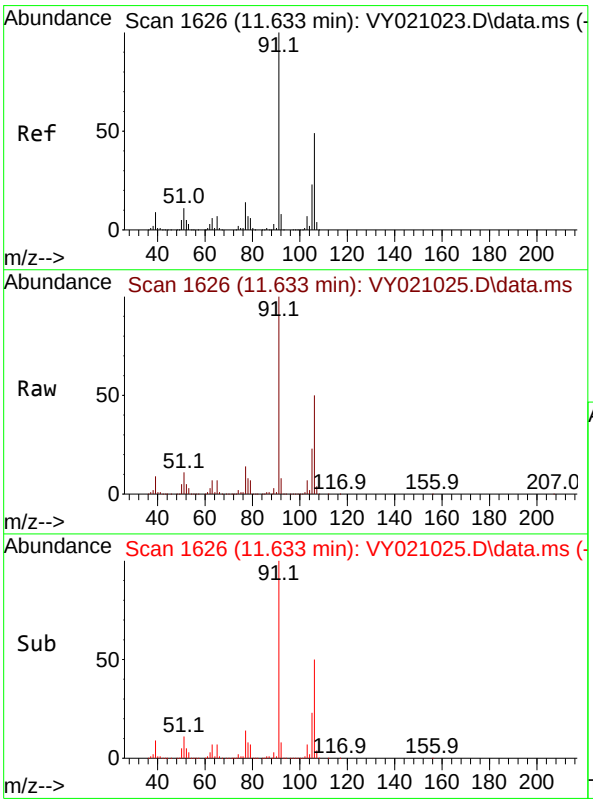
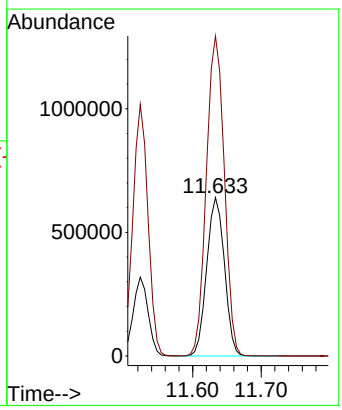
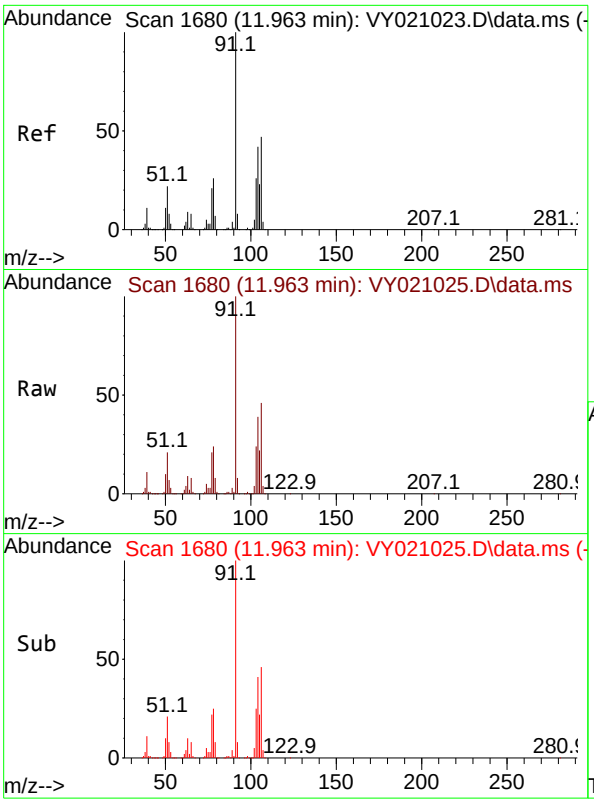


#68
m/p-Xylenes
Concen: 314.841 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:106 Resp: 1152452

Ion	Ratio	Lower	Upper
106	100		
91	204.9	160.7	241.1





#69
o-Xylene
Concen: 163.662 ug/l
RT: 11.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:106 Resp: 54342

Ion	Ratio	Lower	Upper
106	100		
91	217.3	106.5	319.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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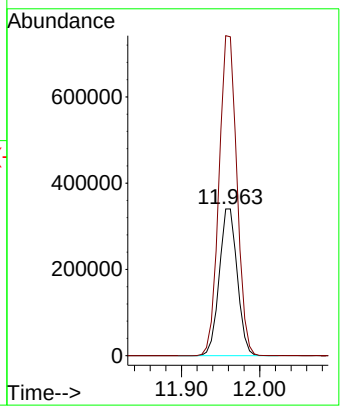
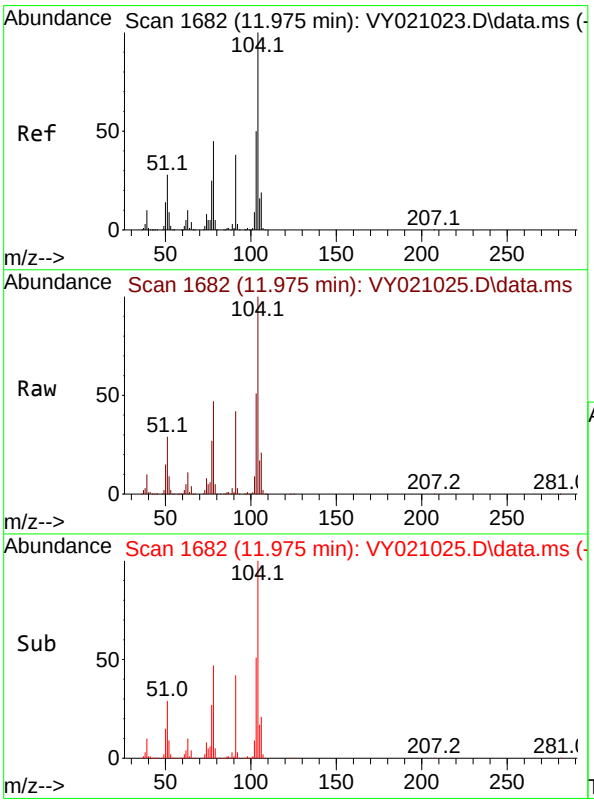
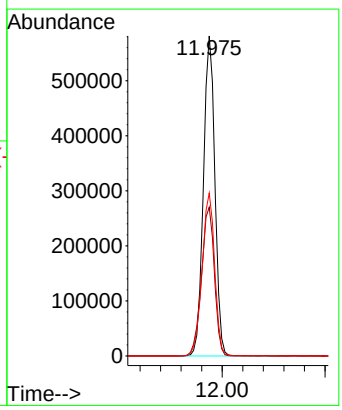


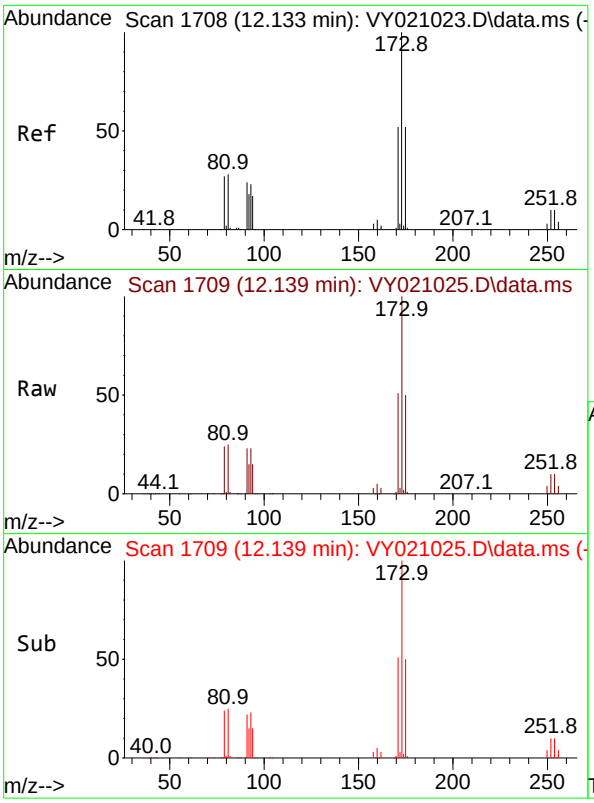


#70
Styrene
Concen: 172.776 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:104 Resp: 900989

Ion	Ratio	Lower	Upper
104	100		
78	52.1	39.2	58.8
103	55.3	43.8	65.6

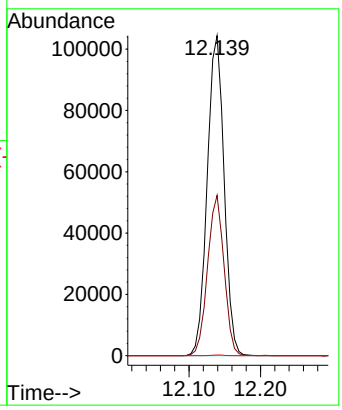




#71
Bromoform
Concen: 181.883 ug/l
RT: 12.139 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:173 Resp: 17092

Ion	Ratio	Lower	Upper
173	100		
175	48.9	23.5	70.6
254	0.1	0.0	0.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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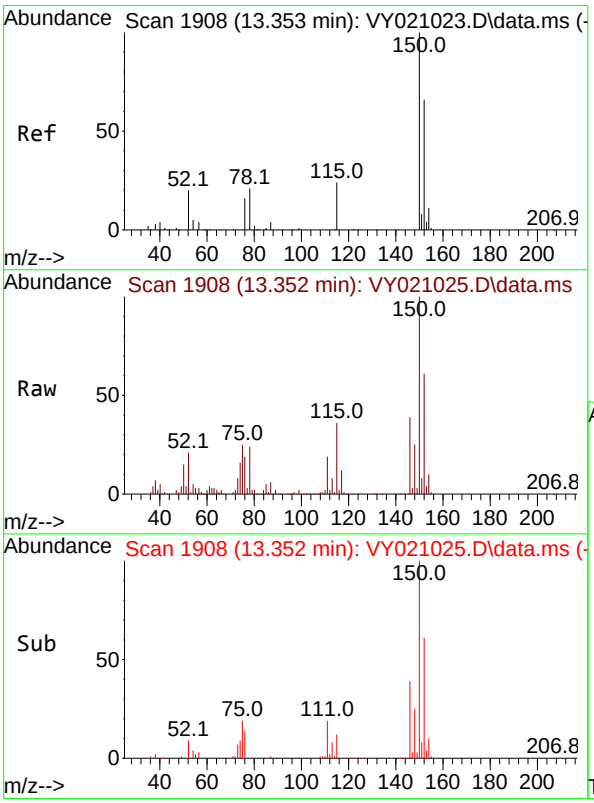
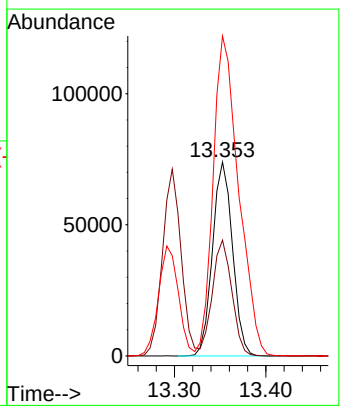
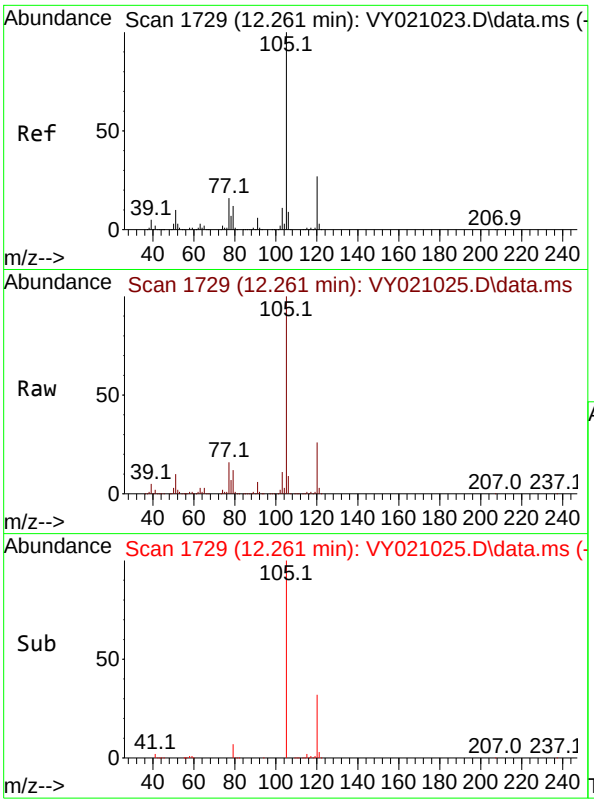


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:152 Resp: 112575

Ion	Ratio	Lower	Upper
152	100		
115	57.8	30.0	90.0
150	210.4	0.0	344.6

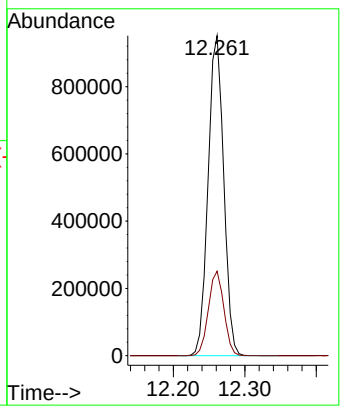




#73
Isopropylbenzene
Concen: 154.780 ug/l
RT: 12.261 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:105 Resp: 143964

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.0	39.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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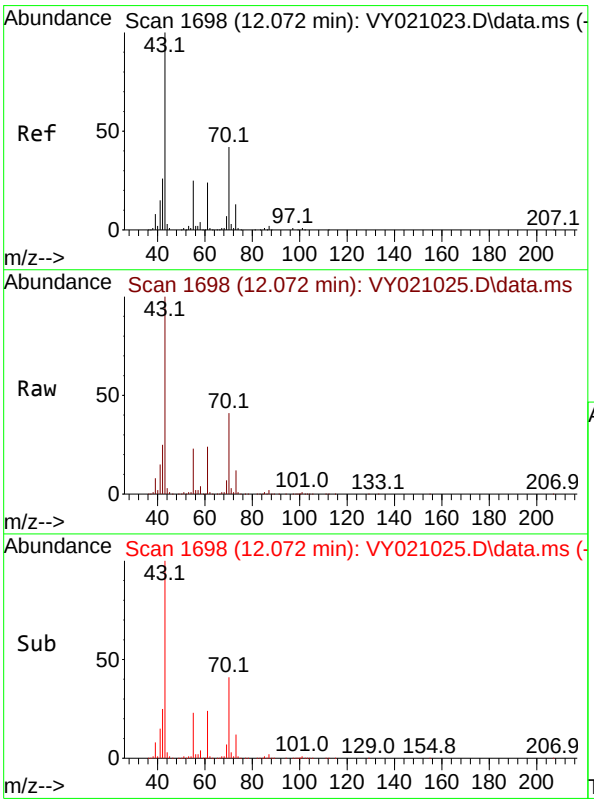
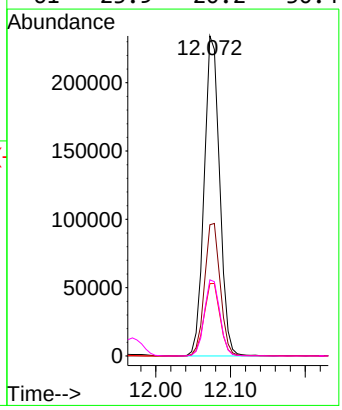
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

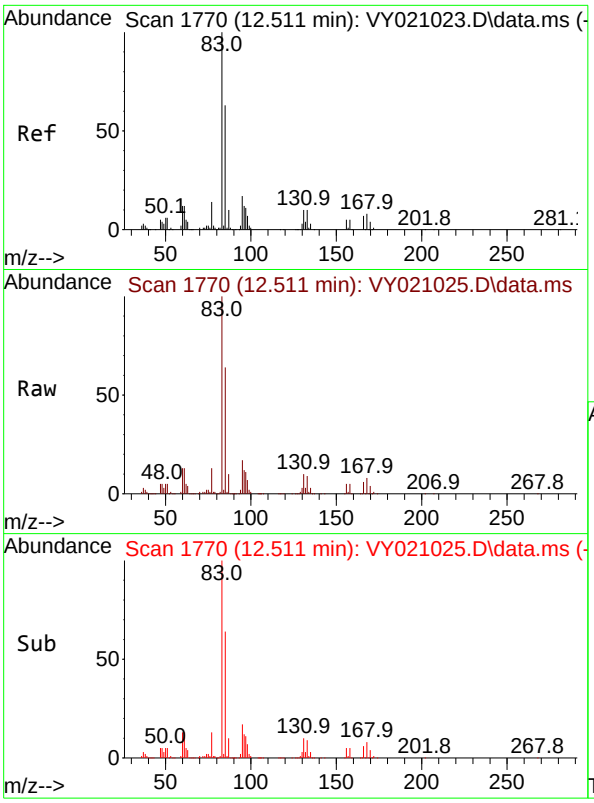


#74
N-amyl acetate
Concen: 180.383 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 43 Resp: 337562

Ion	Ratio	Lower	Upper
43	100		
70	41.9	36.6	55.0
55	23.4	22.2	33.4
61	23.9	20.2	30.4

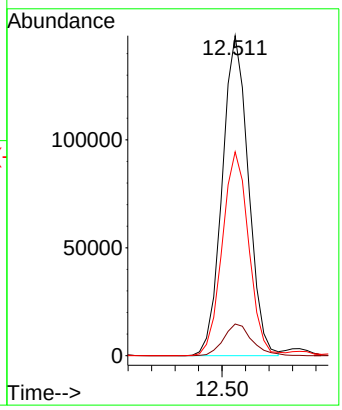




#75
1,1,2,2-Tetrachloroethane
Concen: 139.062 ug/l
RT: 12.511 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 83 Resp: 22957

Ion	Ratio	Lower	Upper
83	100		
131	10.7	4.9	14.6
85	64.5	32.6	98.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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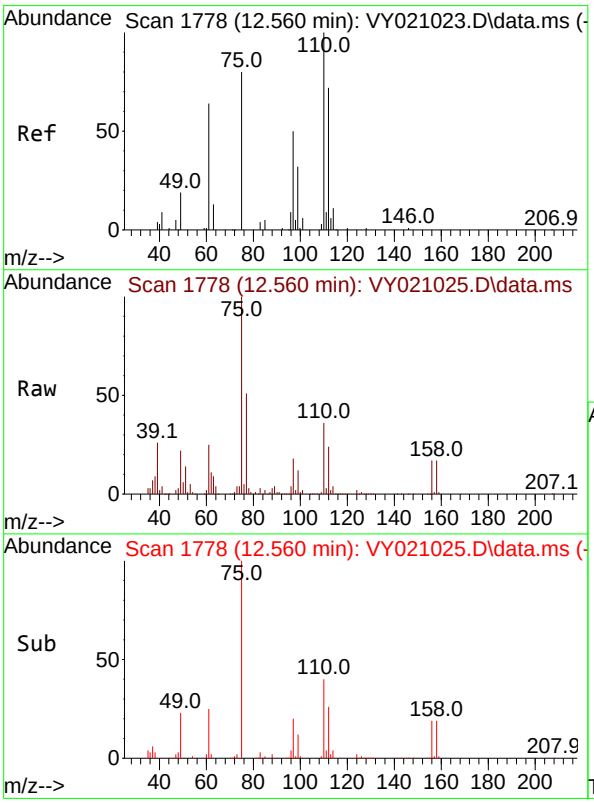
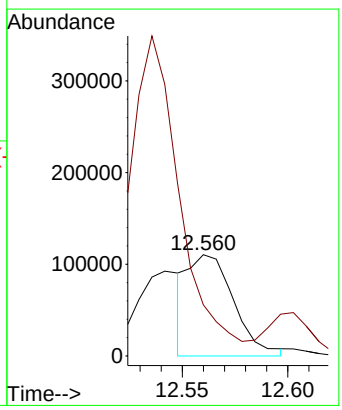
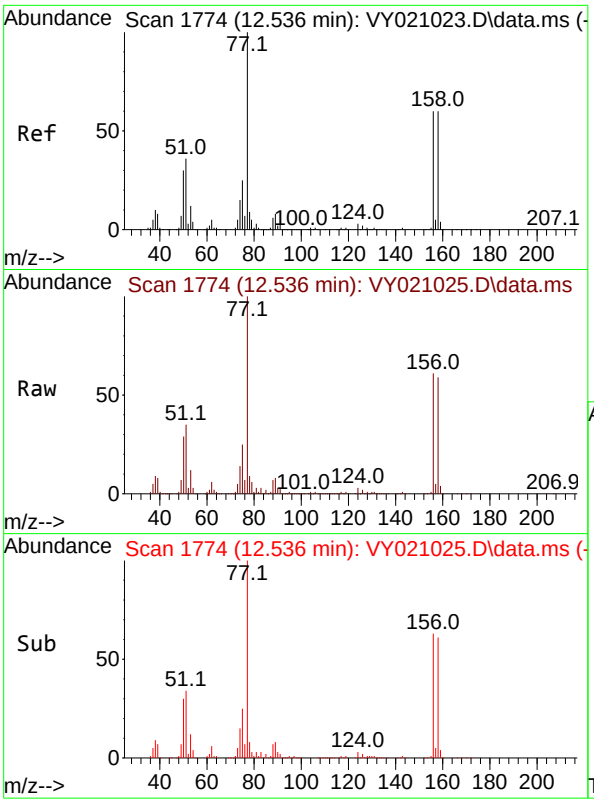


#76
1,2,3-Trichloropropane
Concen: 149.965 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 75 Resp: 166289

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

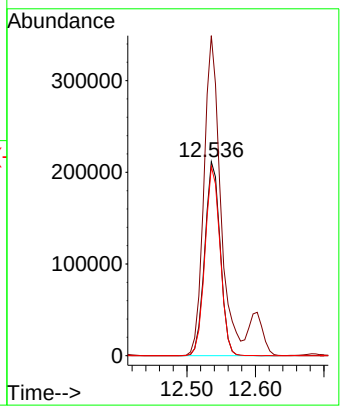




#77
Bromobenzene
Concen: 166.838 ug/l
RT: 12.536 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:156 Resp: 33023

Ion	Ratio	Lower	Upper
156	100		
77	177.0	97.3	291.8
158	96.2	48.4	145.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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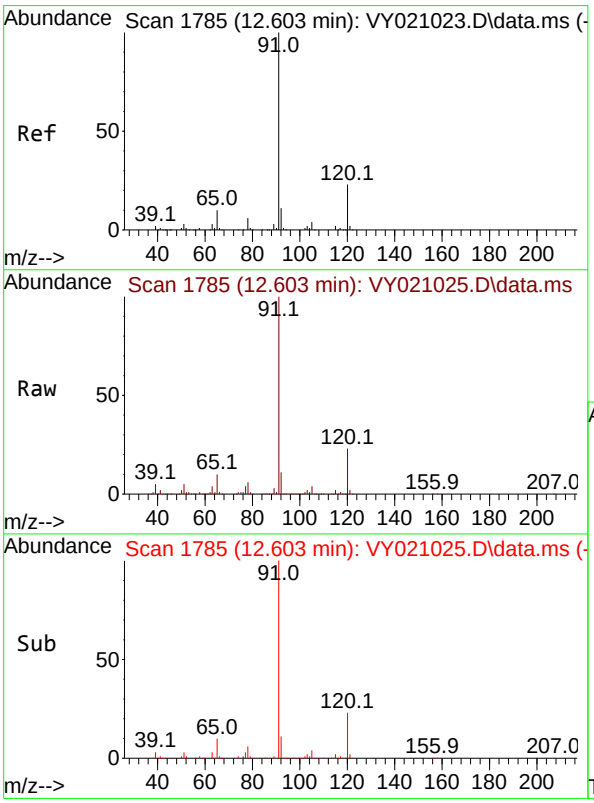
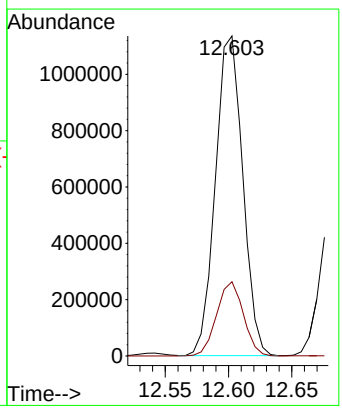
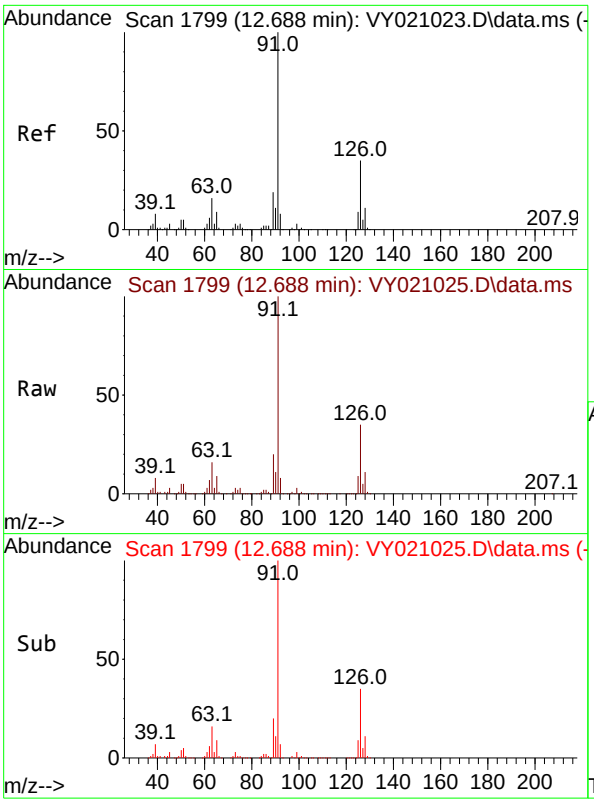


#78
n-propylbenzene
Concen: 149.261 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 91 Resp: 1706799

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.0	33.0

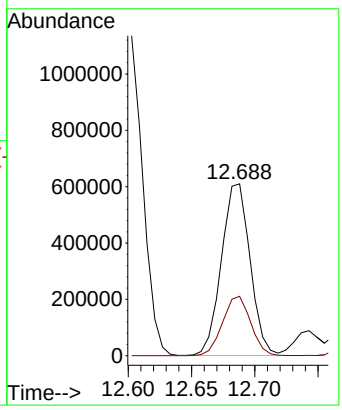




#79
2-Chlorotoluene
Concen: 153.047 ug/l
RT: 12.688 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 91 Resp: 96167

Ion	Ratio	Lower	Upper
91	100		
126	34.0	17.0	51.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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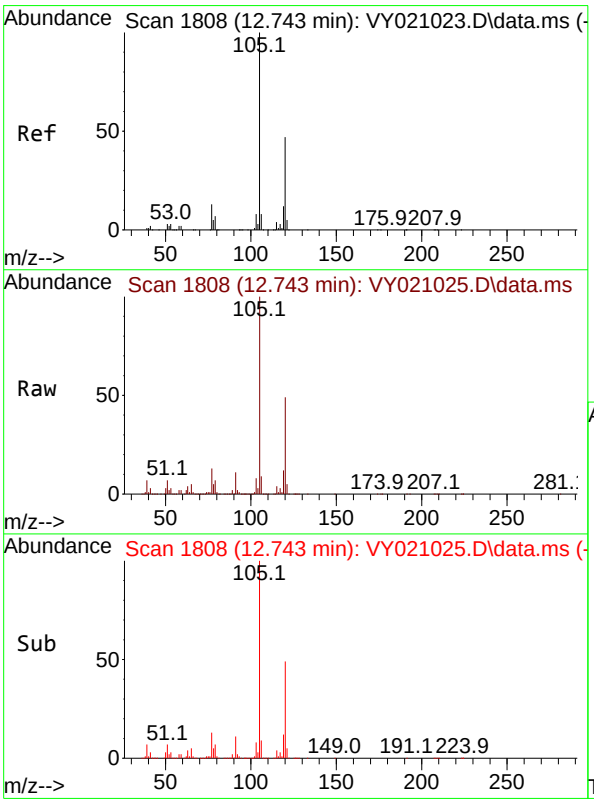
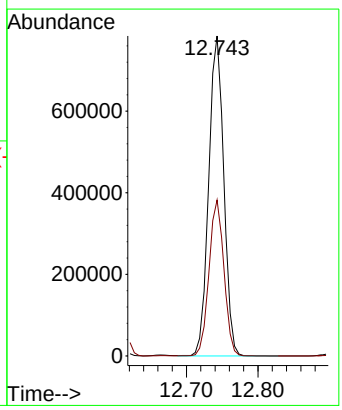
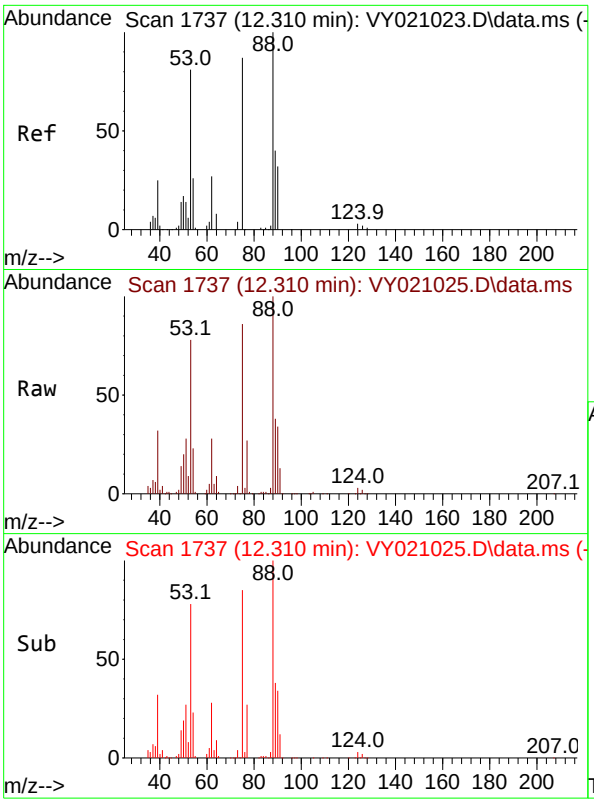


#80
1,3,5-Trimethylbenzene
Concen: 156.334 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:105 Resp: 1146647

Ion	Ratio	Lower	Upper
105	100		
120	48.3	24.3	72.8

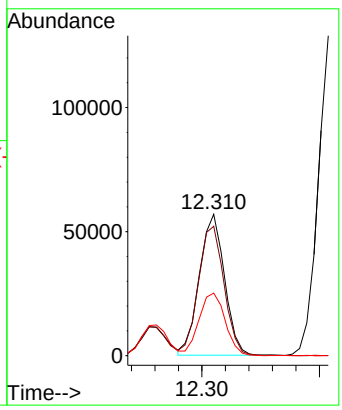




#81
trans-1,4-Dichloro-2-butene
Concen: 165.703 ug/l
RT: 12.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 75 Resp: 8450

Ion	Ratio	Lower	Upper
75	100		
53	94.3	74.0	111.0
89	46.7	36.5	54.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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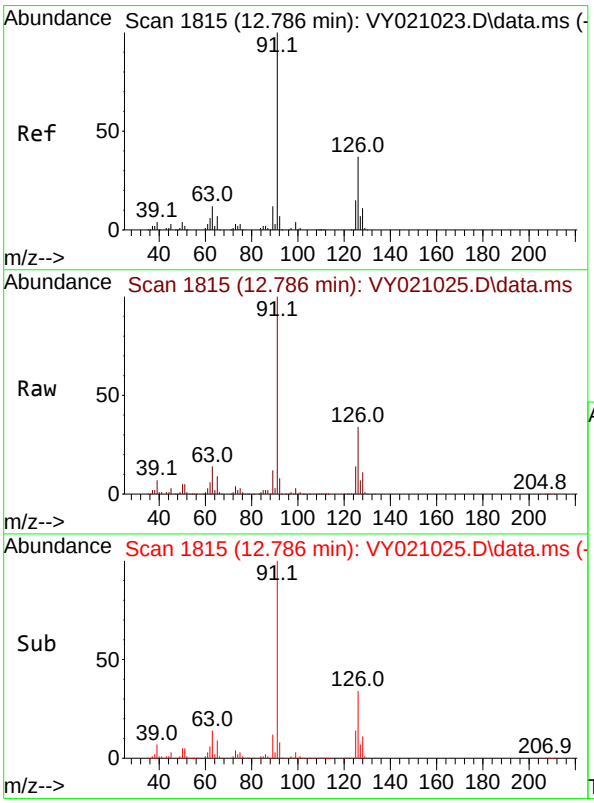
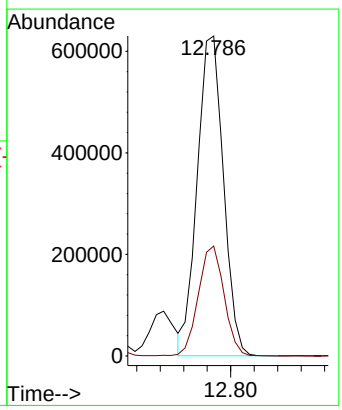
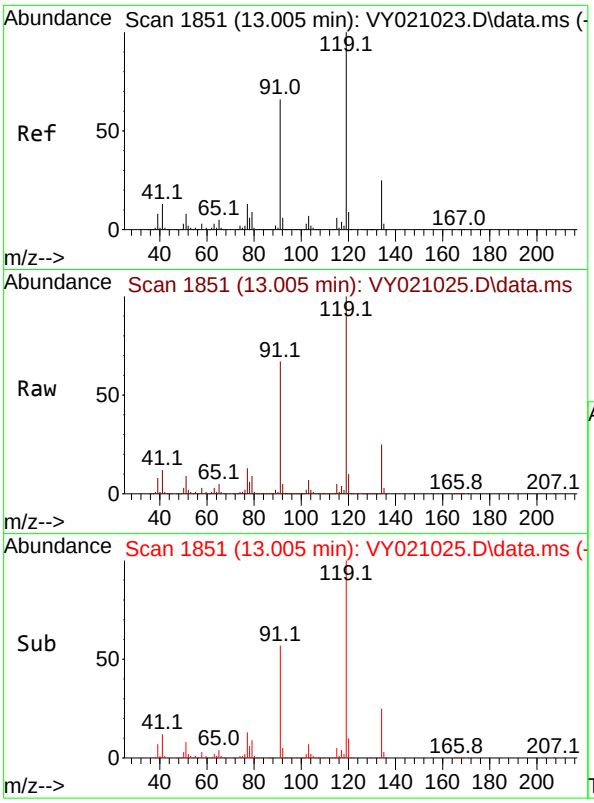


#82
4-Chlorotoluene
Concen: 151.120 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 91 Resp: 973177

Ion	Ratio	Lower	Upper
91	100		
126	33.8	17.1	51.2

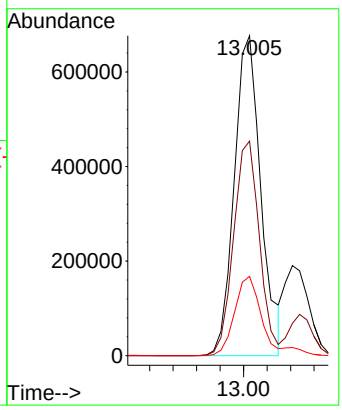




#83
tert-Butylbenzene
Concen: 164.670 ug/l
RT: 13.005 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:119 Resp: 106714

Ion	Ratio	Lower	Upper
119	100		
91	65.0	31.5	94.5
134	26.0	13.1	39.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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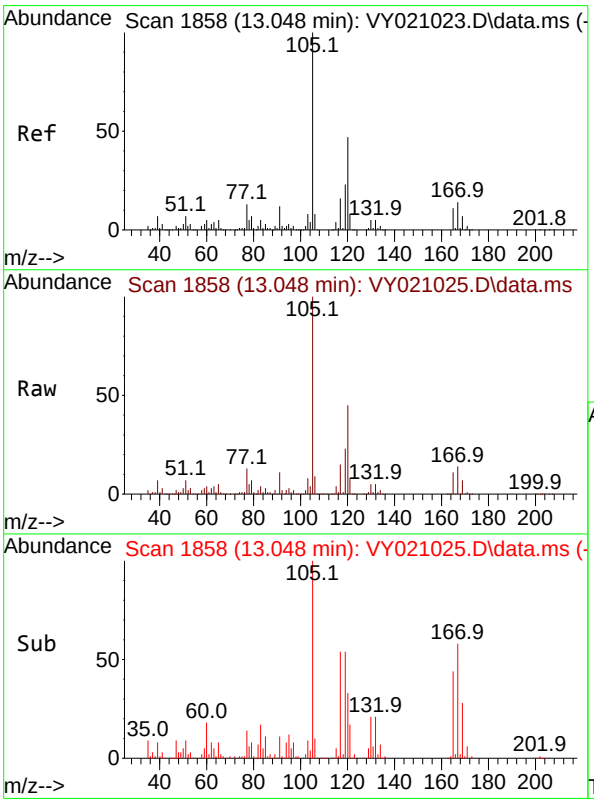
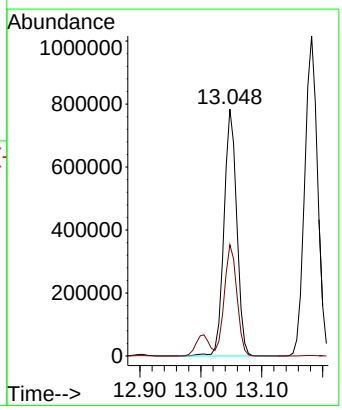
Supervised By :Semsettin Yesilyurt 02/04/2025

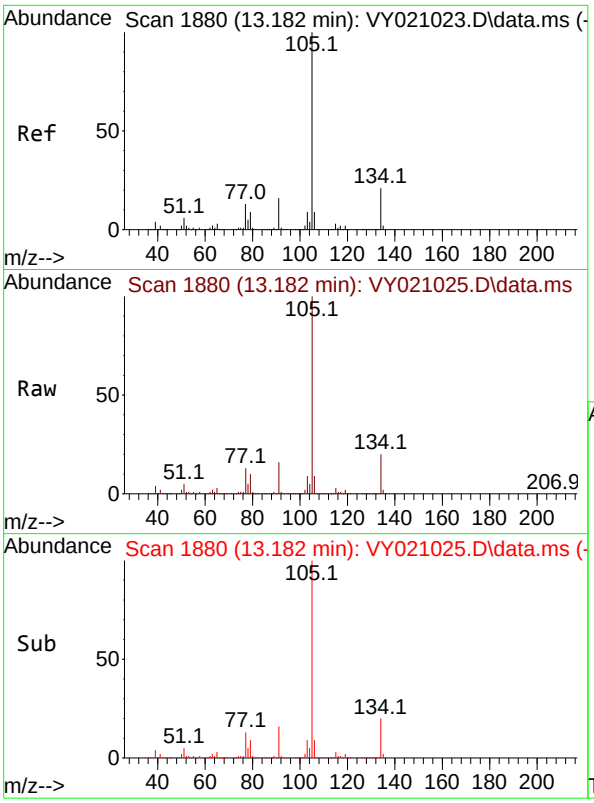


#84
1,2,4-Trimethylbenzene
Concen: 157.248 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:105 Resp: 1138490

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	66.3

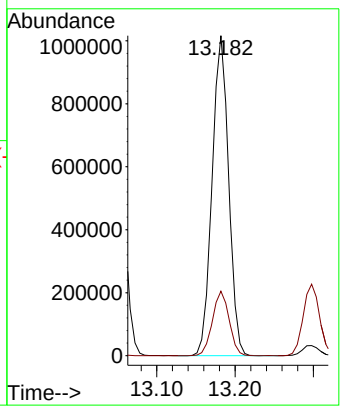




#85
sec-Butylbenzene
Concen: 152.184 ug/l
RT: 13.182 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:105 Resp: 149023

Ion	Ratio	Lower	Upper
105	100		
134	20.4	9.7	28.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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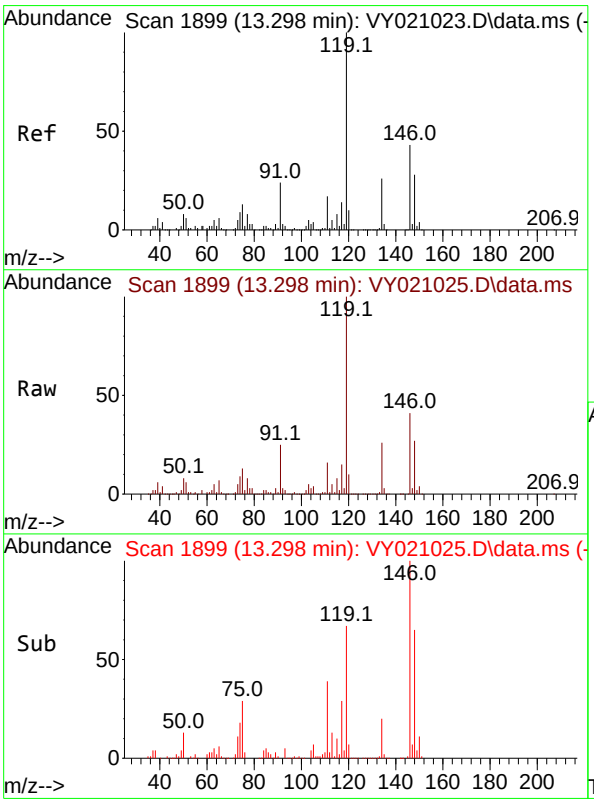
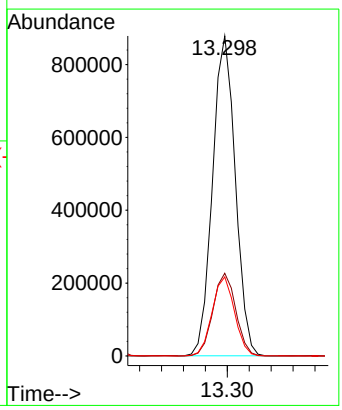
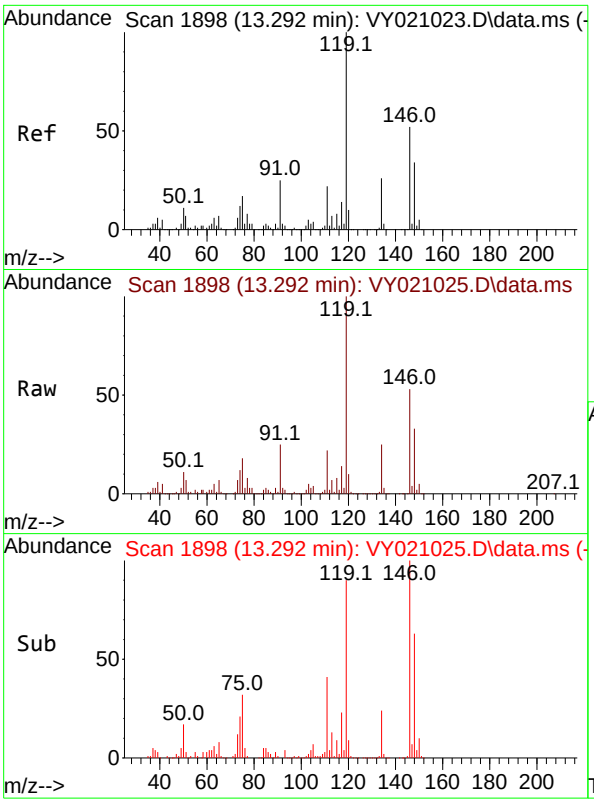


#86
p-Isopropyltoluene
Concen: 159.829 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:119 Resp: 1267584

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.1
91	24.4	11.7	35.0

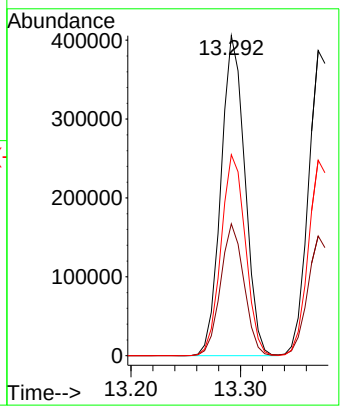




#87
1,3-Dichlorobenzene
Concen: 153.896 ug/l
RT: 13.292 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:146 Resp: 61594

Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.2	60.5
148	63.7	31.9	95.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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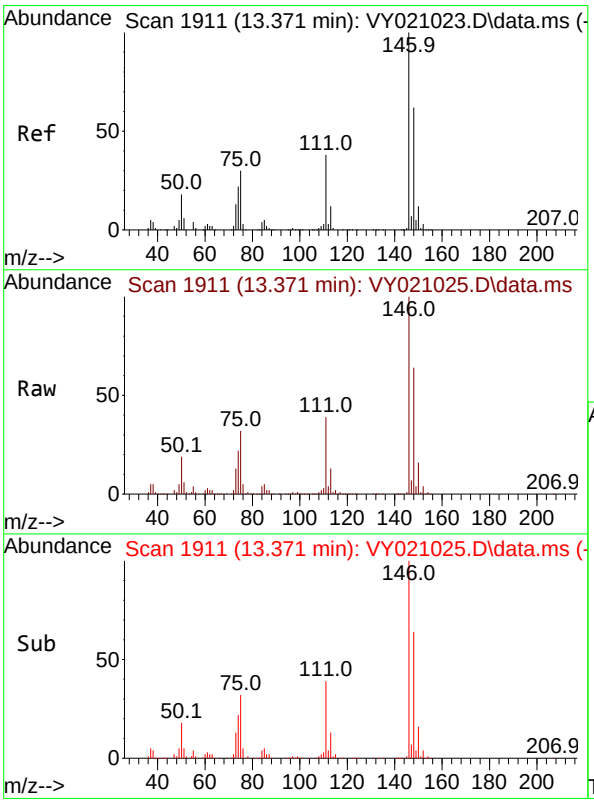
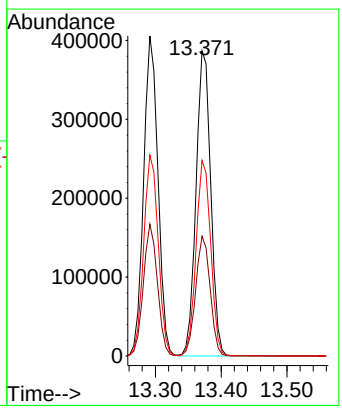
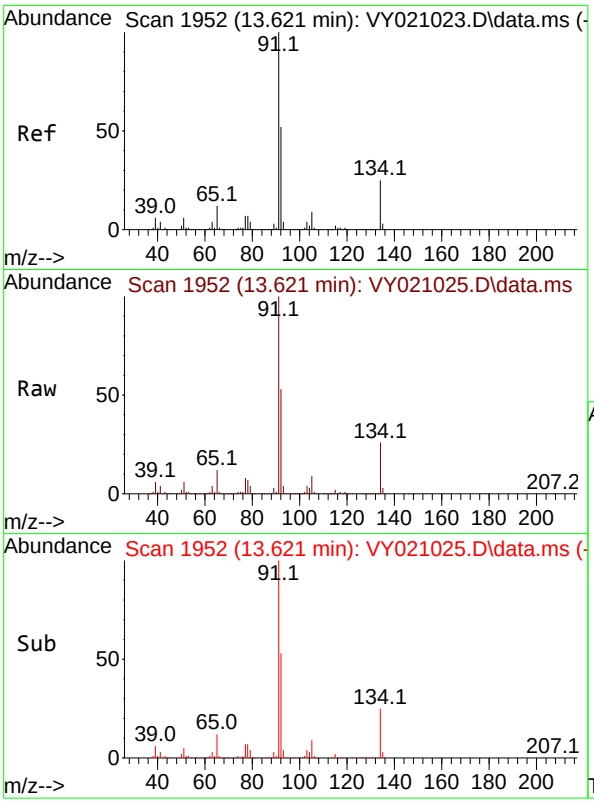


#88
1,4-Dichlorobenzene
Concen: 153.567 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:146 Resp: 600370

Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.3	57.9
148	63.8	31.6	94.7

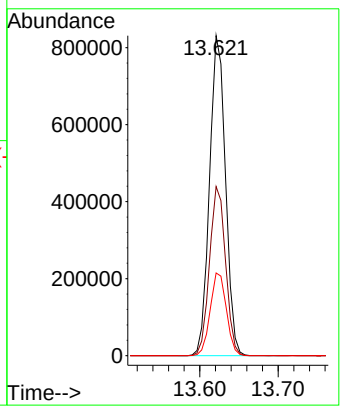




#89
n-Butylbenzene
Concen: 153.276 ug/l
RT: 13.621 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 91 Resp: 117276

Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.4	79.2
134	26.3	12.3	36.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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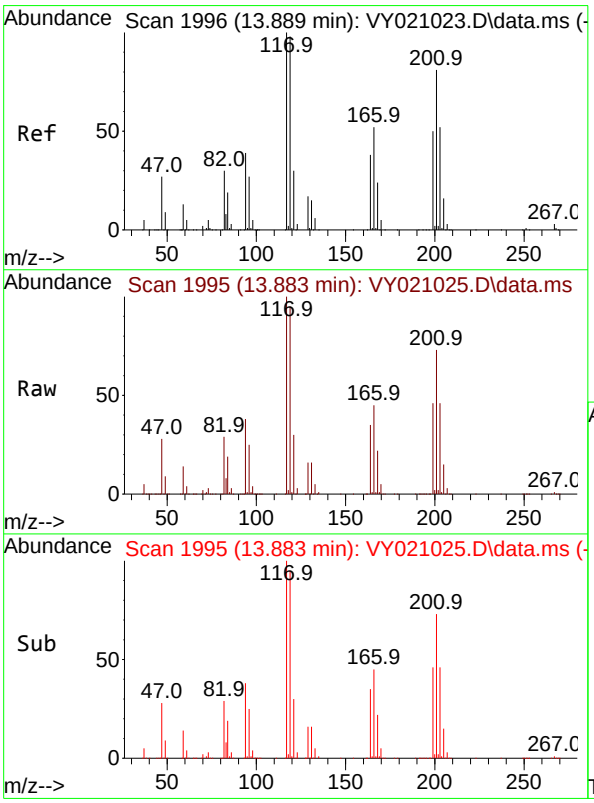
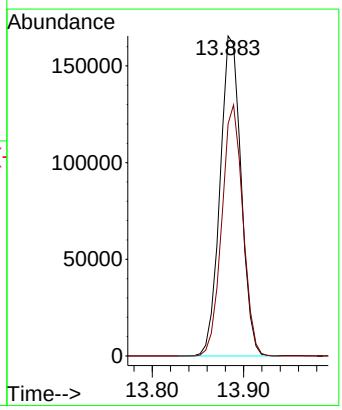
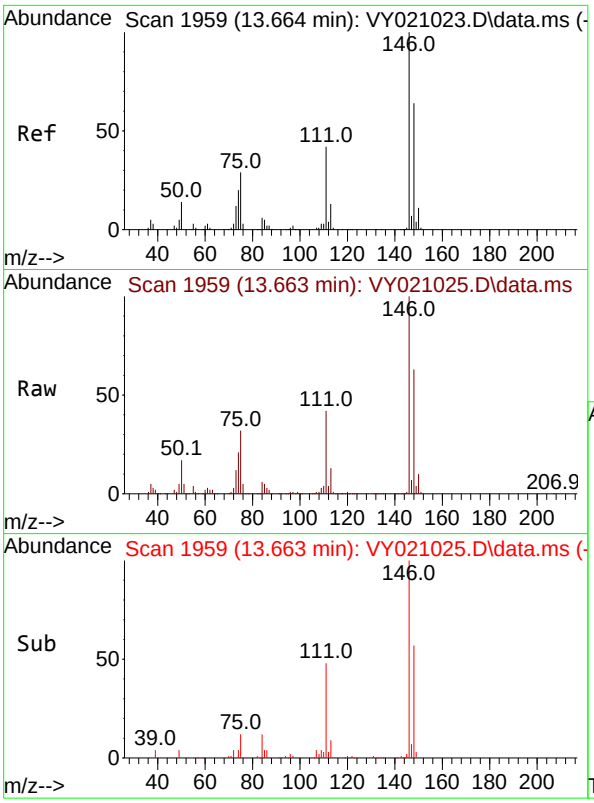


#90
Hexachloroethane
Concen: 160.566 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.006 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:117 Resp: 264877

Ion	Ratio	Lower	Upper
117	100		
201	78.2	33.4	100.1

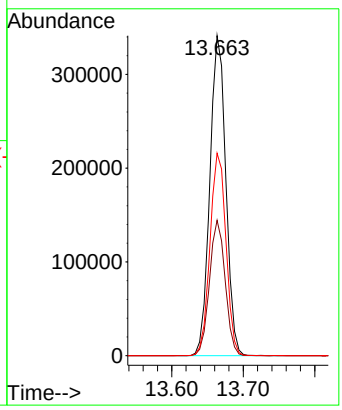




#91
1,2-Dichlorobenzene
Concen: 159.648 ug/l
RT: 13.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:146 Resp: 52914

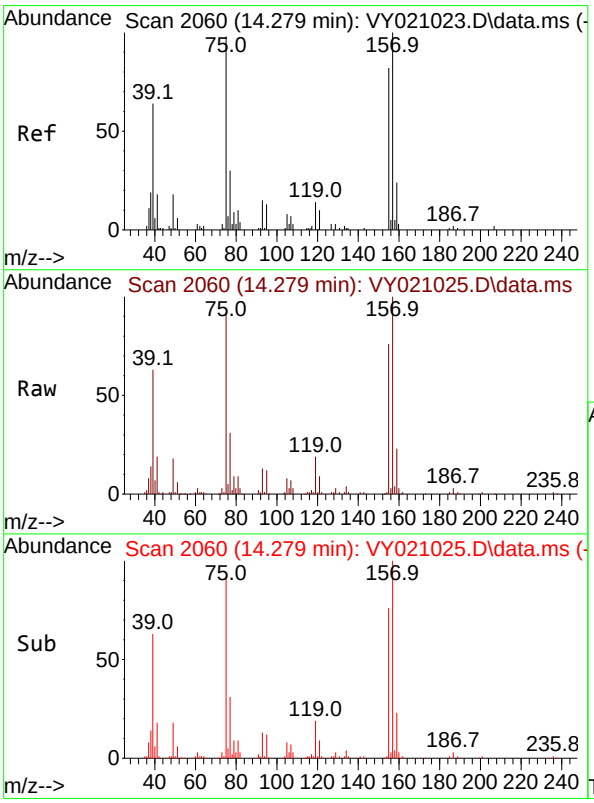
Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.5	61.6
148	63.4	31.4	94.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

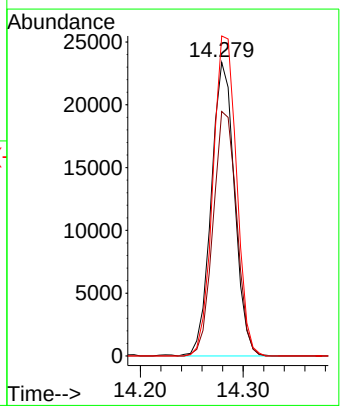
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

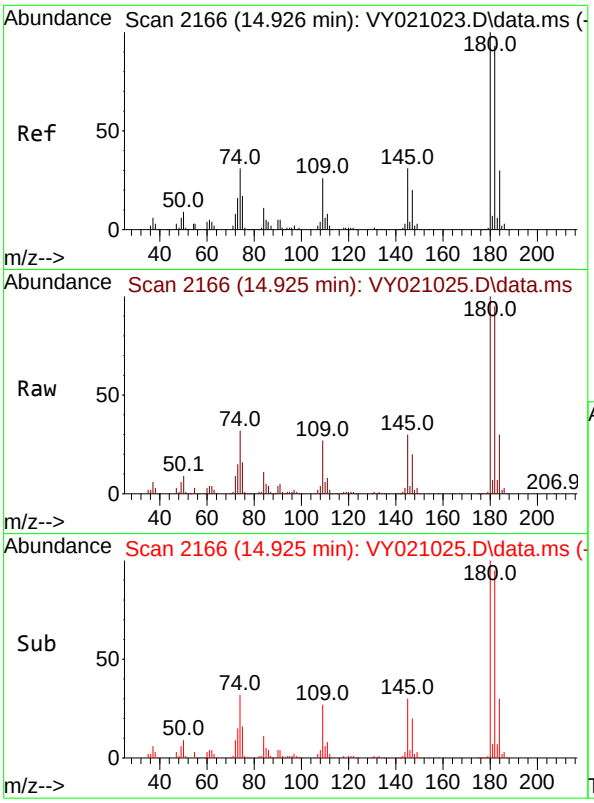


#92
1,2-Dibromo-3-Chloropropane
Concen: 173.904 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 75 Resp: 36737

Ion	Ratio	Lower	Upper
75	100		
155	84.1	42.1	126.3
157	110.5	55.8	167.4

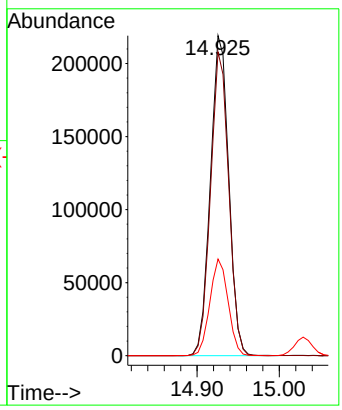




#93
1,2,4-Trichlorobenzene
Concen: 199.568 ug/l
RT: 14.925 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:180 Resp: 33895

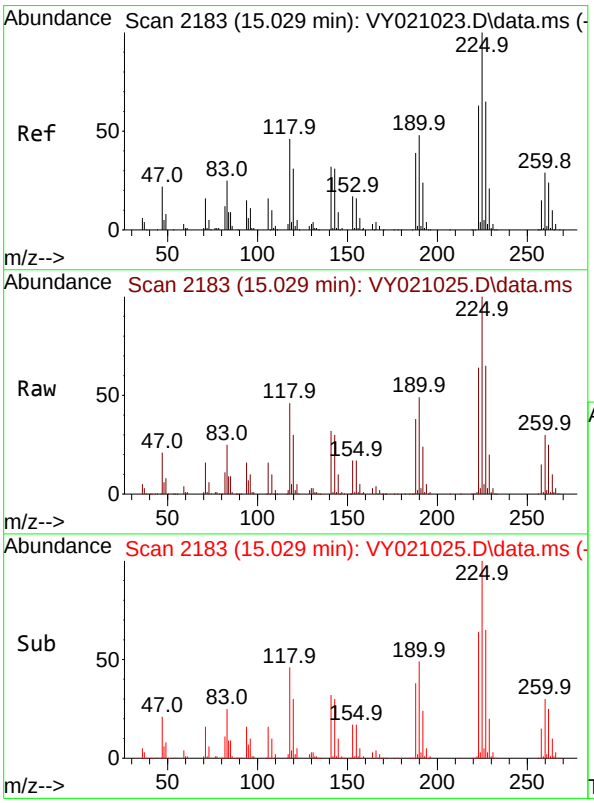
Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.9	143.7
145	30.1	15.9	47.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

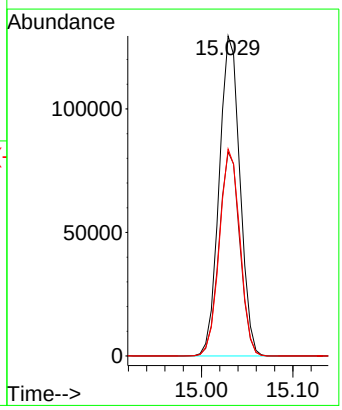
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

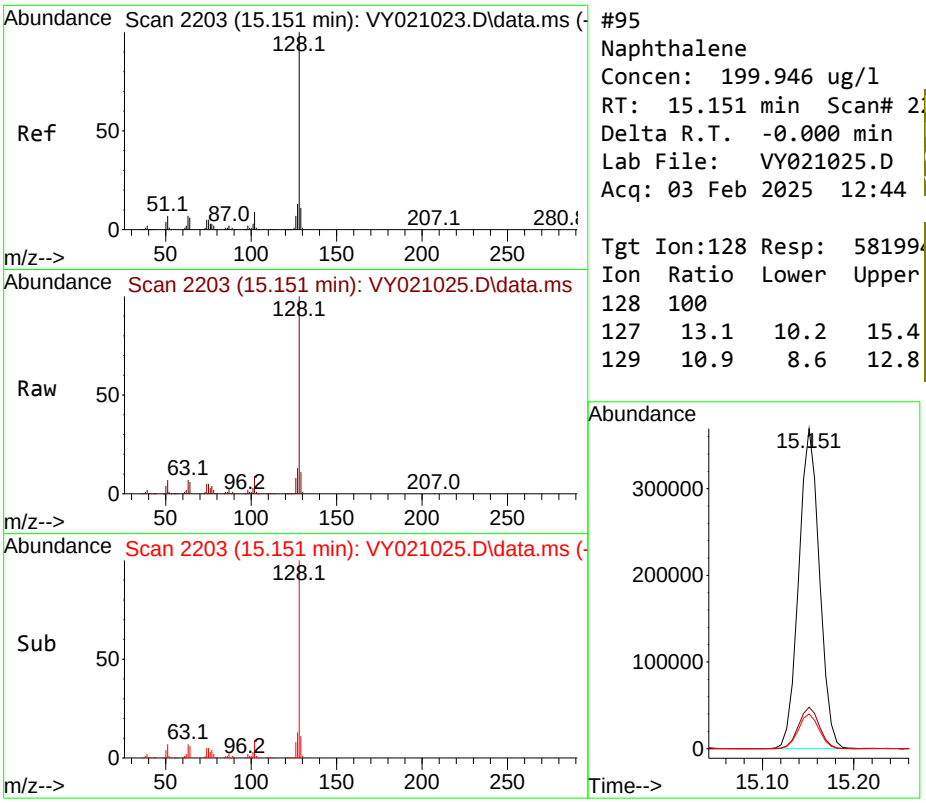


#94
Hexachlorobutadiene
Concen: 192.252 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:225 Resp: 204211

Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.4	94.3
227	64.1	32.3	96.8





#95
Naphthalene
Concen: 199.946 ug/l
RT: 15.151 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

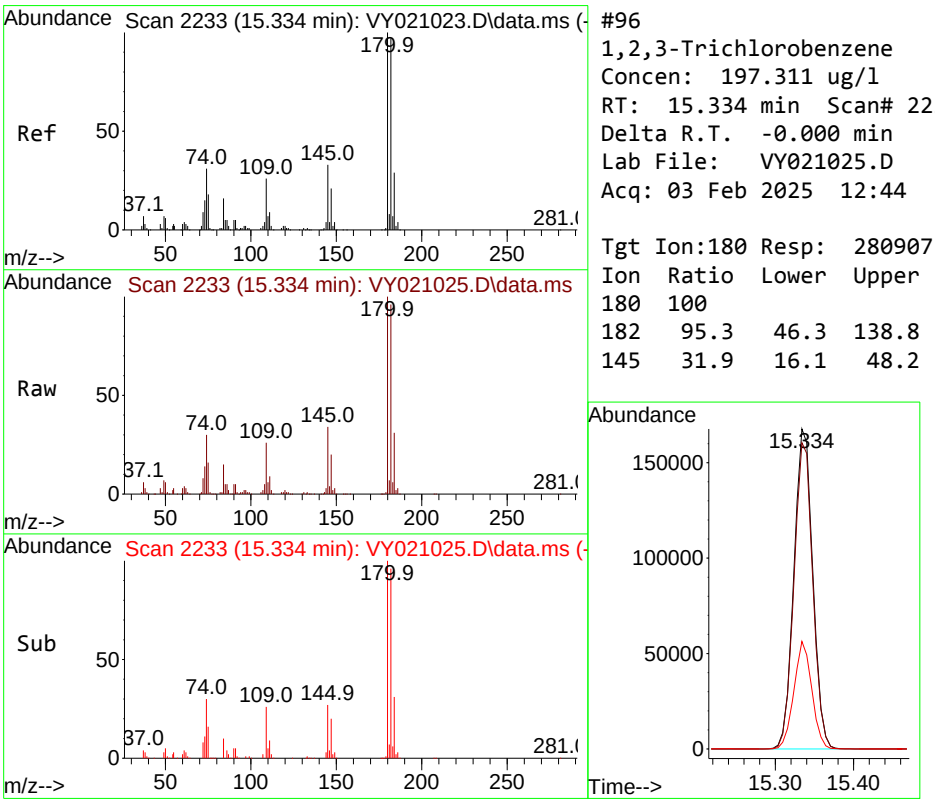
Tgt Ion:128 Resp: 58199

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.9	8.6	12.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#96
1,2,3-Trichlorobenzene
Concen: 197.311 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. -0.000 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:180 Resp: 280907

Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.3	138.8
145	31.9	16.1	48.2

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021027.D
Acq On : 03 Feb 2025 13:37
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Manual Integrations APPROVED
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

Quant Time: Feb 04 00:48:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	186133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	280950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	237569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	112062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	104134	54.604	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.200%			
35) Dibromofluoromethane	7.640	113	104051	57.790	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.580%			
50) Toluene-d8	10.109	98	411045	59.966	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 119.940%			
62) 4-Bromofluorobenzene	12.407	95	131943	58.919	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 117.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	86748	52.290	ug/l	98
3) Chloromethane	2.074	50	85135	52.006	ug/l	100
4) Vinyl Chloride	2.208	62	84130	51.058	ug/l	99
5) Bromomethane	2.598	94	53592	52.624	ug/l	94
6) Chloroethane	2.738	64	48969	49.925	ug/l	96
7) Trichlorofluoromethane	3.068	101	155690	51.864	ug/l	99
8) Diethyl Ether	3.458	74	43771	46.708	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	97040	51.507	ug/l	95
10) Methyl Iodide	4.013	142	102264	48.858	ug/l	95
11) Tert butyl alcohol	4.860	59	27677	214.161	ug/l	96
12) 1,1-Dichloroethene	3.793	96	91949	51.810	ug/l	92
13) Acrolein	3.653	56	46827	235.305	ug/l	100
14) Allyl chloride	4.391	41	151536	50.663	ug/l	96
15) Acrylonitrile	5.061	53	89881	230.328	ug/l	99
16) Acetone	3.866	43	72566	243.997	ug/l	96
17) Carbon Disulfide	4.110	76	289409	52.004	ug/l	99
18) Methyl Acetate	4.391	43	48057	46.031	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	213244	47.538	ug/l	100
20) Methylene Chloride	4.628	84	91358	49.414	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	98665	50.506	ug/l	94
22) Diisopropyl ether	6.024	45	304603	49.407	ug/l	98
23) Vinyl Acetate	5.964	43	819243	238.370	ug/l	100
24) 1,1-Dichloroethane	5.921	63	179904	49.806	ug/l	97
25) 2-Butanone	6.896	43	114117	233.503	ug/l	96
26) 2,2-Dichloropropane	6.890	77	169757	50.791	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	111947	49.785	ug/l	94
28) Bromochloromethane	7.250	49	78173	54.731	ug/l	99
29) Tetrahydrofuran	7.262	42	75445	228.139	ug/l	96
30) Chloroform	7.427	83	181229	48.846	ug/l	97
31) Cyclohexane	7.707	56	162806	50.051	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	174612	50.620	ug/l	99
36) 1,1-Dichloropropene	7.841	75	140344	52.625	ug/l	99
37) Ethyl Acetate	6.988	43	54994	47.006	ug/l	100
38) Carbon Tetrachloride	7.823	117	161137	51.711	ug/l	100
39) Methylcyclohexane	9.115	83	176554	54.123	ug/l	97
40) Benzene	8.085	78	399547	51.052	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021027.D
Acq On : 03 Feb 2025 13:37
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 04 00:48:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.232	41	29193	43.131	ug/l		98
42) 1,2-Dichloroethane	8.164	62	104015	47.910	ug/l		97
43) Isopropyl Acetate	8.201	43	110476	47.523	ug/l		98
44) Trichloroethene	8.872	130	102671	50.777	ug/l		95
45) 1,2-Dichloropropane	9.146	63	92259	49.666	ug/l		99
46) Dibromomethane	9.237	93	48251	46.914	ug/l		95
47) Bromodichloromethane	9.426	83	134607	48.799	ug/l		99
48) Methyl methacrylate	9.225	41	52480	49.560	ug/l		93
49) 1,4-Dioxane	9.231	88	9588	1001.398	ug/l		99
51) 4-Methyl-2-Pentanone	9.999	43	276605	236.615	ug/l		97
52) Toluene	10.176	92	251287	51.135	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	123718	49.950	ug/l		100
54) cis-1,3-Dichloropropene	9.859	75	148244	50.550	ug/l		96
55) 1,1,2-Trichloroethane	10.579	97	62357	46.820	ug/l		99
56) Ethyl methacrylate	10.444	69	87450	49.082	ug/l		93
57) 1,3-Dichloropropane	10.719	76	110606	47.980	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	213481	251.852	ug/l		99
59) 2-Hexanone	10.761	43	180455	239.750	ug/l		96
60) Dibromochloromethane	10.914	129	90009	48.123	ug/l		100
61) 1,2-Dibromoethane	11.017	107	59039	47.325	ug/l		100
64) Tetrachloroethene	10.652	164	92493	52.446	ug/l		95
65) Chlorobenzene	11.444	112	268544	50.766	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.523	131	94662	50.356	ug/l		98
67) Ethyl Benzene	11.523	91	492537	52.642	ug/l		99
68) m/p-Xylenes	11.633	106	367445	104.978	ug/l		98
69) o-Xylene	11.956	106	169897	52.062	ug/l		96
70) Styrene	11.975	104	282879	52.009	ug/l		99
71) Bromoform	12.133	173	50400	48.166	ug/l	#	99
73) Isopropylbenzene	12.255	105	467245	53.377	ug/l		99
74) N-amyl acetate	12.072	43	94701	49.483	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.511	83	68636	47.145	ug/l		98
76) 1,2,3-Trichloropropane	12.560	75	47988m	47.207	ug/l		
77) Bromobenzene	12.536	156	101991	50.490	ug/l		93
78) n-propylbenzene	12.596	91	558013	53.513	ug/l		98
79) 2-Chlorotoluene	12.682	91	310097	51.922	ug/l		100
80) 1,3,5-Trimethylbenzene	12.743	105	375018	52.840	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	24332	48.841	ug/l		98
82) 4-Chlorotoluene	12.779	91	313949	51.594	ug/l		100
83) tert-Butylbenzene	13.005	119	348046	53.952	ug/l		99
84) 1,2,4-Trimethylbenzene	13.048	105	370353	53.370	ug/l		99
85) sec-Butylbenzene	13.182	105	494957	53.301	ug/l		98
86) p-Isopropyltoluene	13.298	119	411332	53.325	ug/l		99
87) 1,3-Dichlorobenzene	13.291	146	198405	50.868	ug/l		100
88) 1,4-Dichlorobenzene	13.371	146	193207	50.309	ug/l		99
89) n-Butylbenzene	13.621	91	384473	54.636	ug/l		99
90) Hexachloroethane	13.883	117	82908	51.521	ug/l		84
91) 1,2-Dichlorobenzene	13.663	146	168238	49.696	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	10000	45.965	ug/l		98
93) 1,2,4-Trichlorobenzene	14.925	180	98409	52.224	ug/l		99
94) Hexachlorobutadiene	15.029	225	65883	52.760	ug/l		99
95) Naphthalene	15.151	128	154493	51.245	ug/l		100
96) 1,2,3-Trichlorobenzene	15.334	180	79793	50.882	ug/l		97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021027.D
Acq On : 03 Feb 2025 13:37
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

Quant Time: Feb 04 00:48:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021027.D
Acq On : 03 Feb 2025 13:37
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 04 00:48:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Manual Integrations APPROVED

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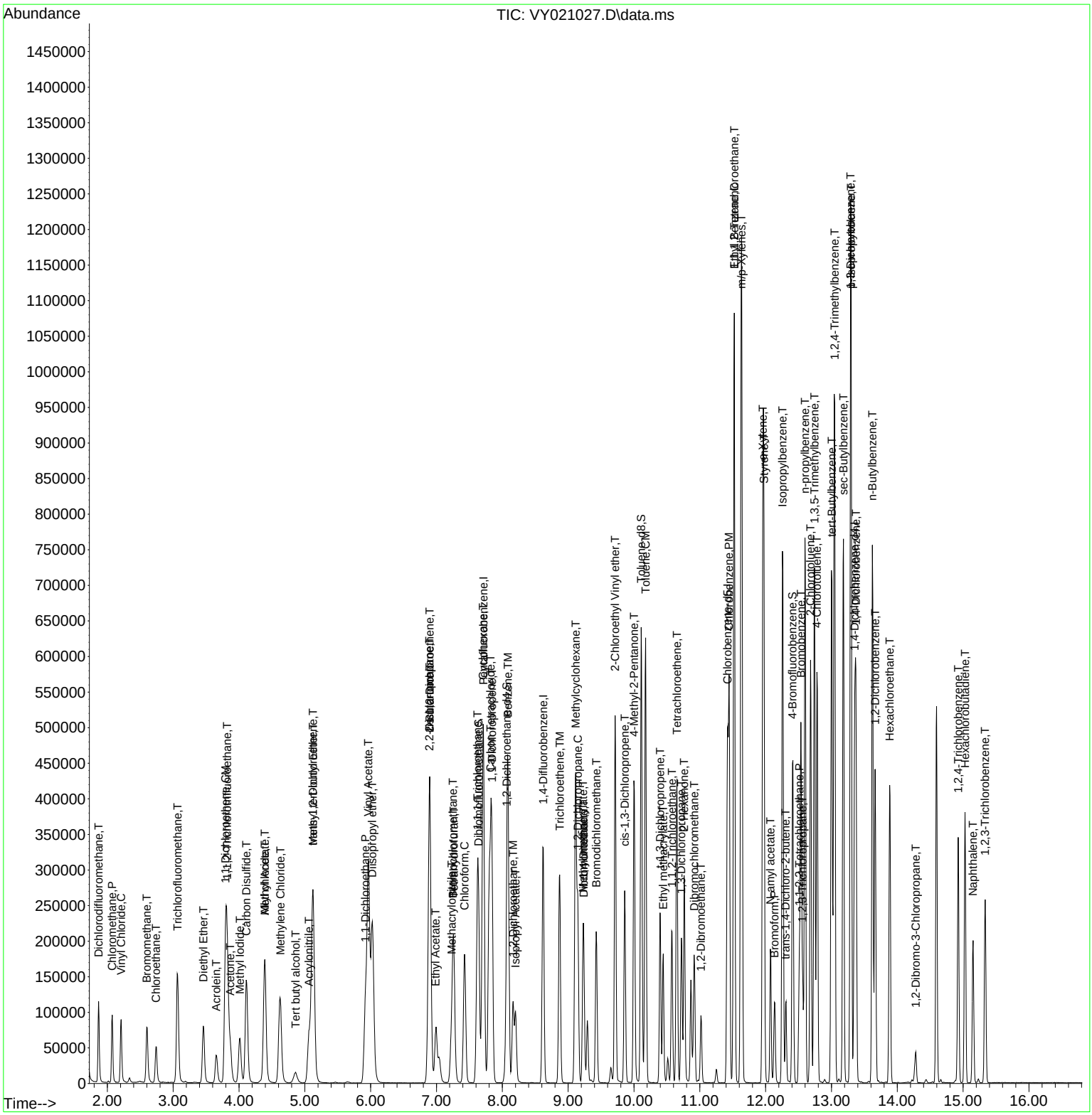
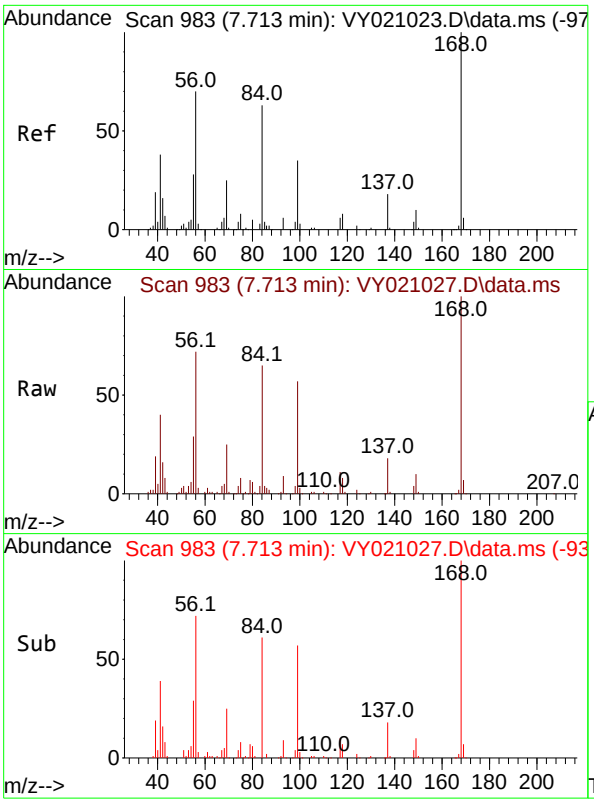
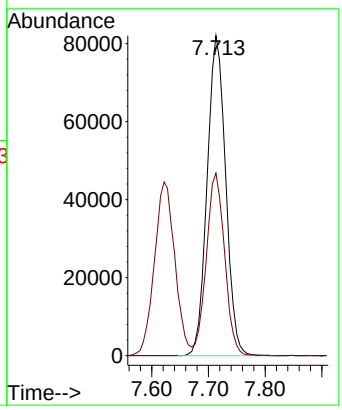




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:168 Resp: 18613

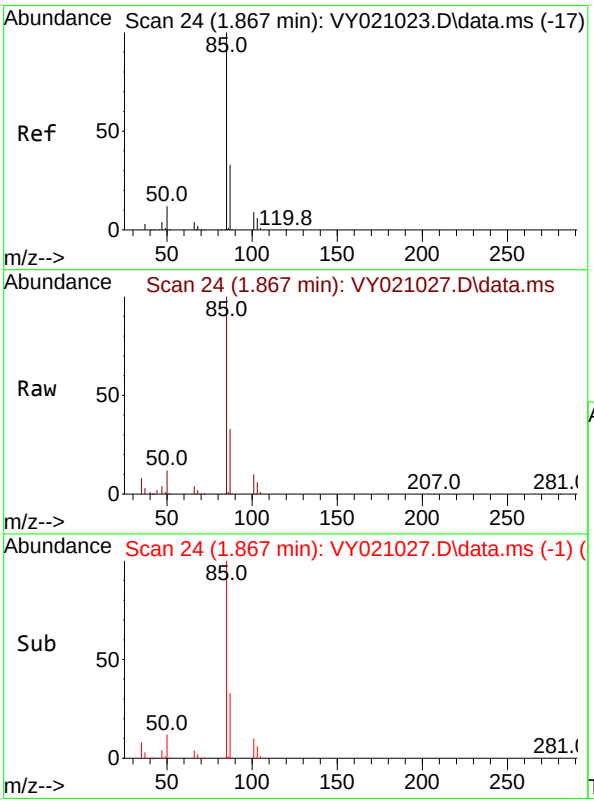
Ion	Ratio	Lower	Upper
168	100		
99	57.0	44.2	66.4



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Manual Integrations APPROVED

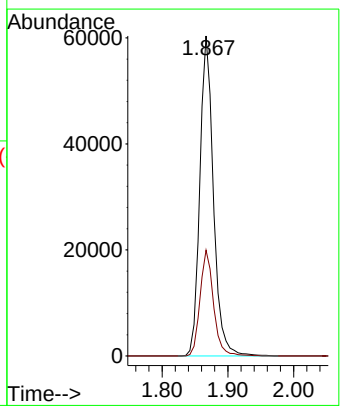
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

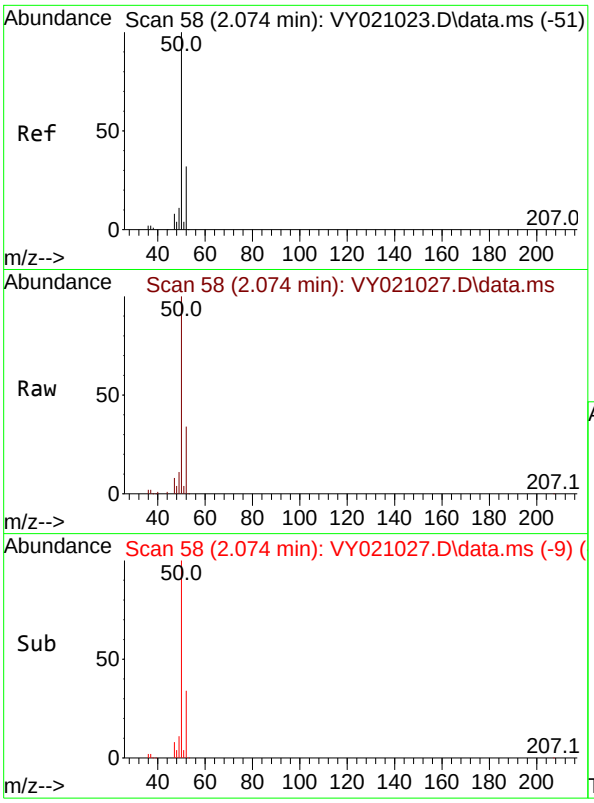


#2
Dichlorodifluoromethane
Concen: 52.290 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 85 Resp: 86748

Ion	Ratio	Lower	Upper
85	100		
87	33.0	17.1	51.3

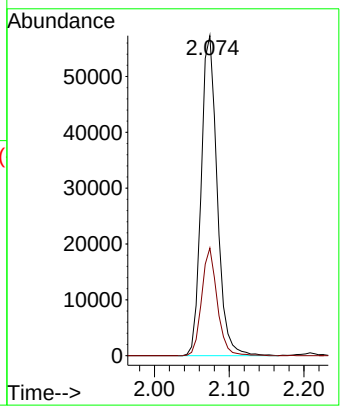




#3
Chloromethane
Concen: 52.006 ug/l
RT: 2.074 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 50 Resp: 8513

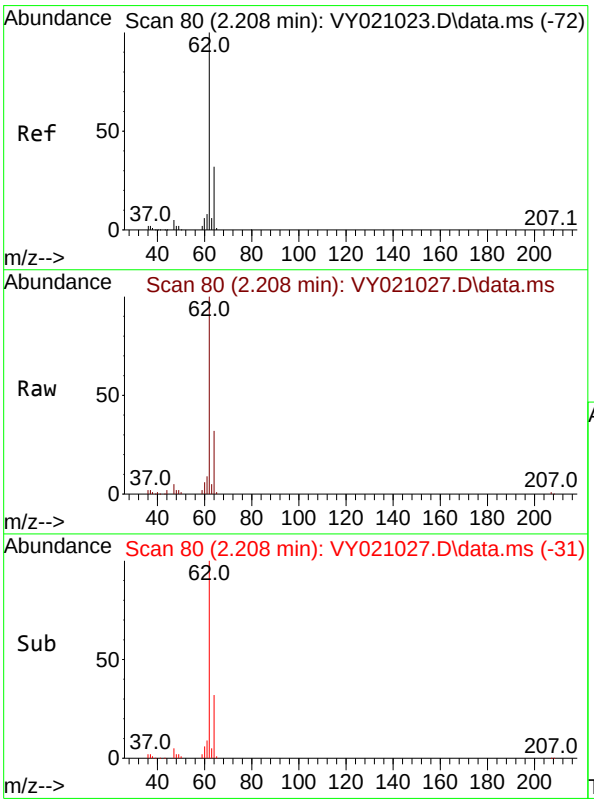
Ion	Ratio	Lower	Upper
50	100		
52	33.7	26.7	40.1



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Manual Integrations
APPROVED

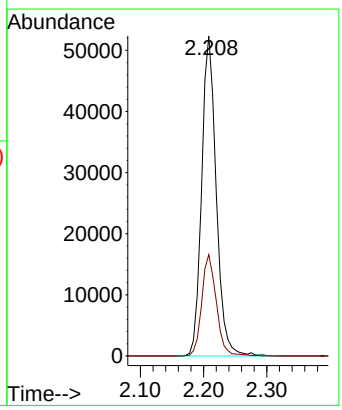
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

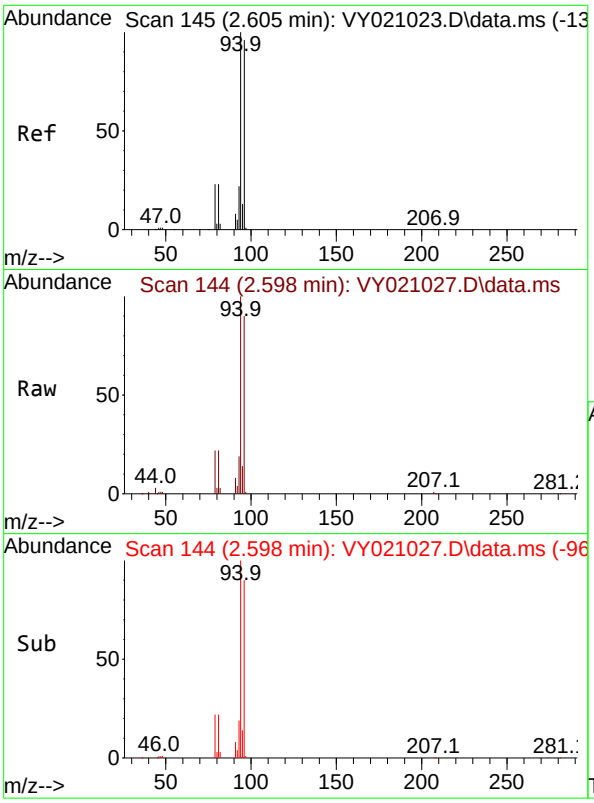


#4
Vinyl Chloride
Concen: 51.058 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 62 Resp: 84130

Ion	Ratio	Lower	Upper
62	100		
64	31.6	25.7	38.5

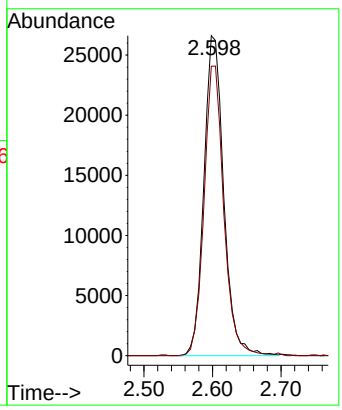




#5
Bromomethane
Concen: 52.624 ug/l
RT: 2.598 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 94 Resp: 5359

Ion	Ratio	Lower	Upper
94	100		
96	90.5	77.3	115.9



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Manual Integrations
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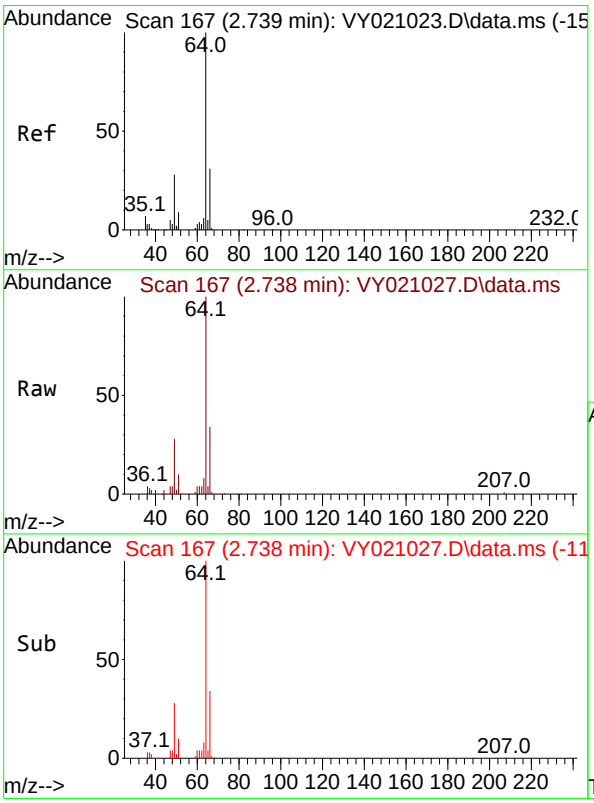
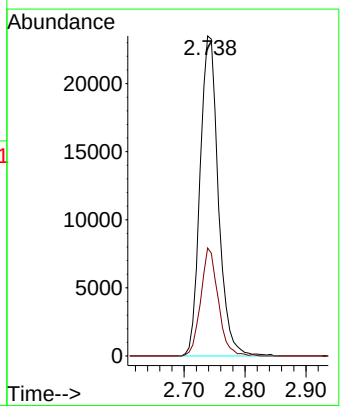
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

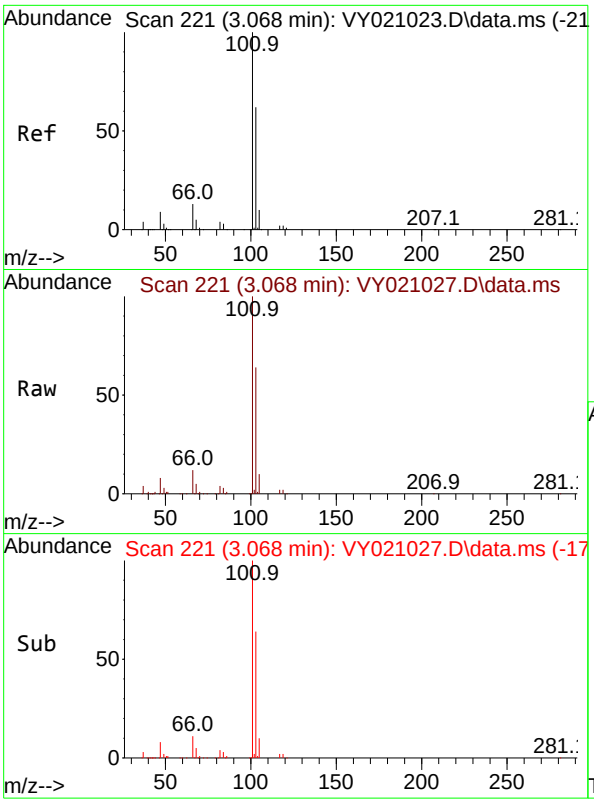


#6
Chloroethane
Concen: 49.925 ug/l
RT: 2.738 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 64 Resp: 48969

Ion	Ratio	Lower	Upper
64	100		
66	33.8	25.1	37.7

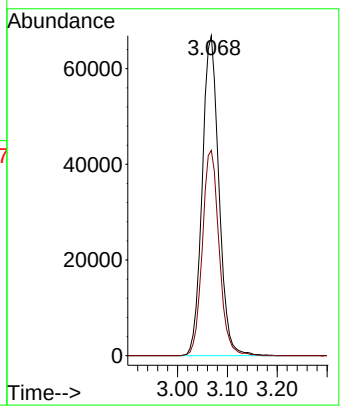




#7
Trichlorofluoromethane
Concen: 51.864 ug/l
RT: 3.068 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:101 Resp: 15569

Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.9	77.9



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

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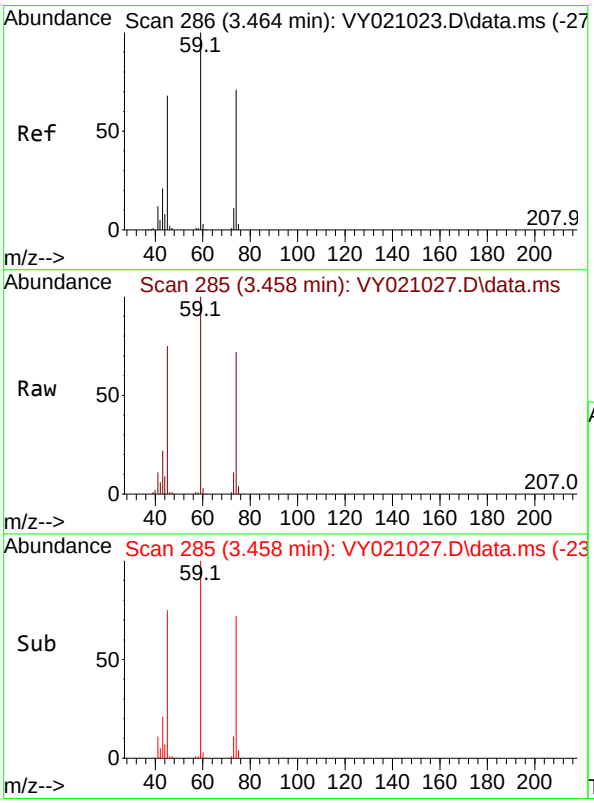
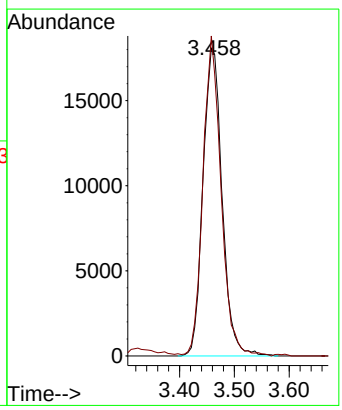
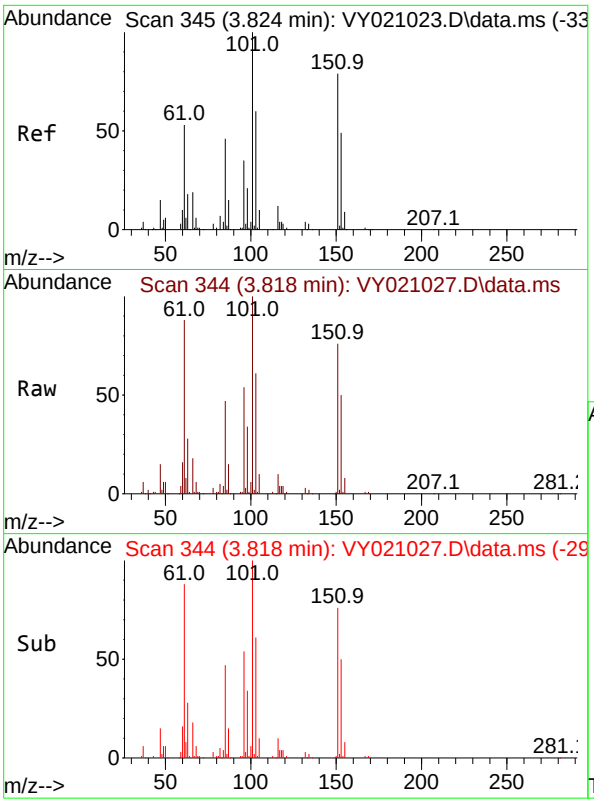


#8
Diethyl Ether
Concen: 46.708 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 74 Resp: 43771

Ion	Ratio	Lower	Upper
74	100		
45	98.4	47.9	143.7

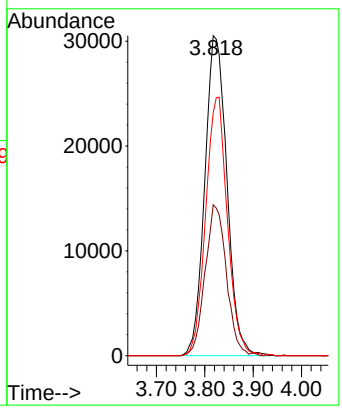




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.507 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:101 Resp: 9704

Ion	Ratio	Lower	Upper
101	100		
85	45.5	35.8	53.6
151	79.3	58.6	88.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

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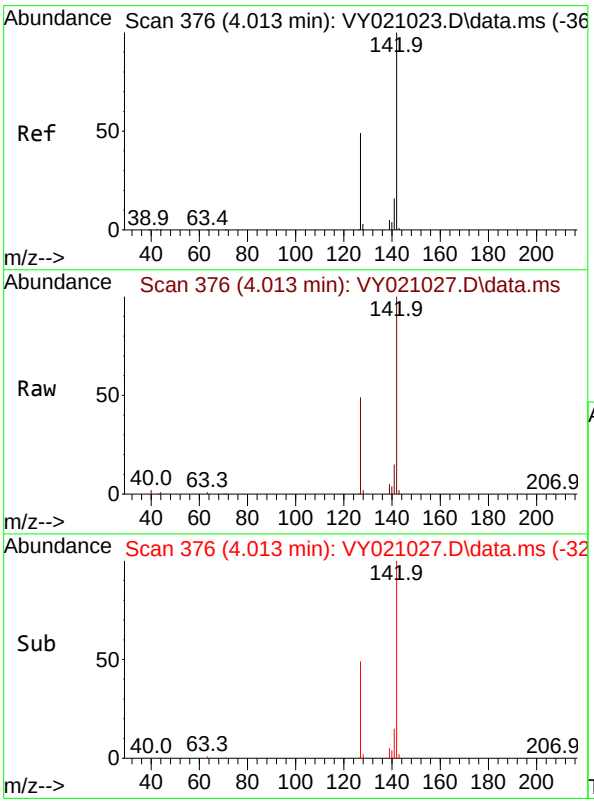
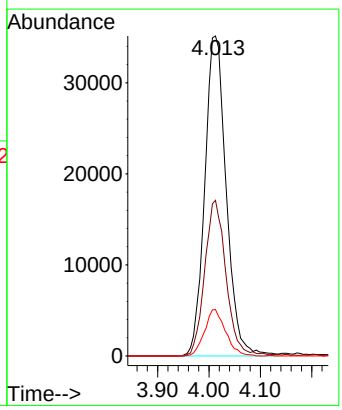
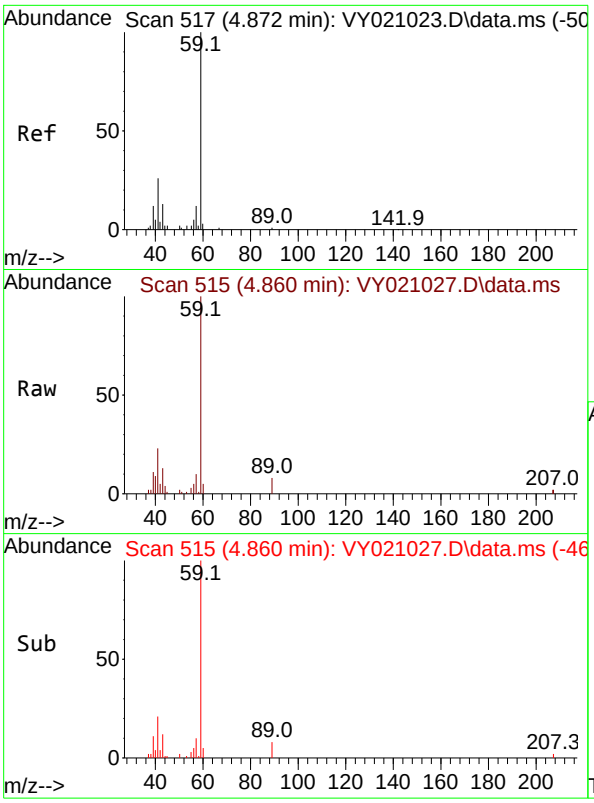


#10
Methyl Iodide
Concen: 48.858 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:142 Resp: 102264

Ion	Ratio	Lower	Upper
142	100		
127	48.1	35.1	52.7
141	14.2	11.8	17.6

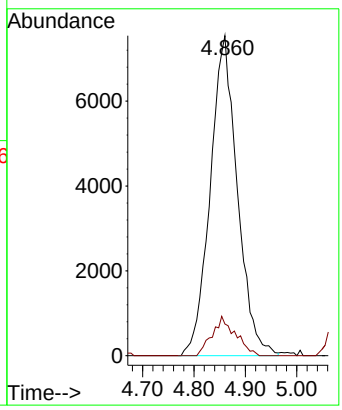




#11
Tert butyl alcohol
Concen: 214.161 ug/l
RT: 4.860 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 59 Resp: 2767

Ion	Ratio	Lower	Upper
59	100		
57	10.6	7.4	11.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

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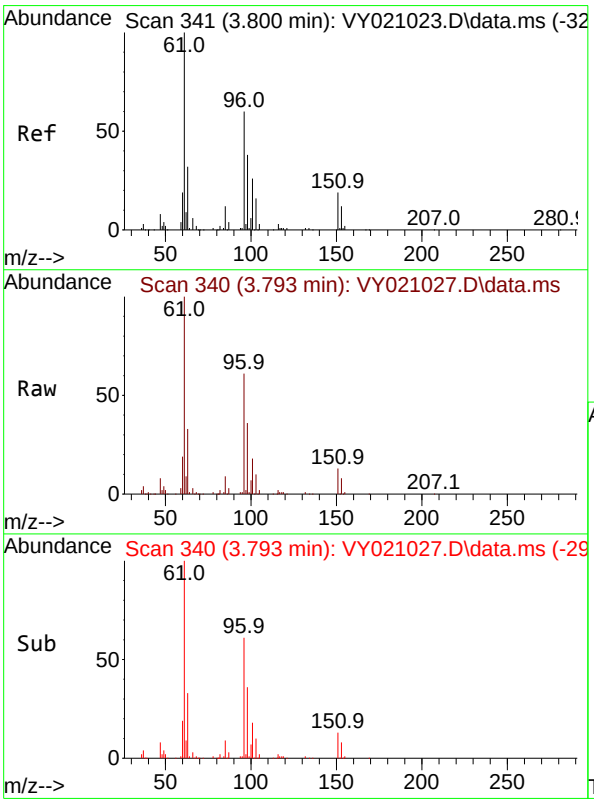
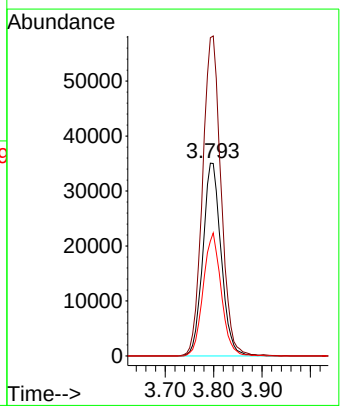
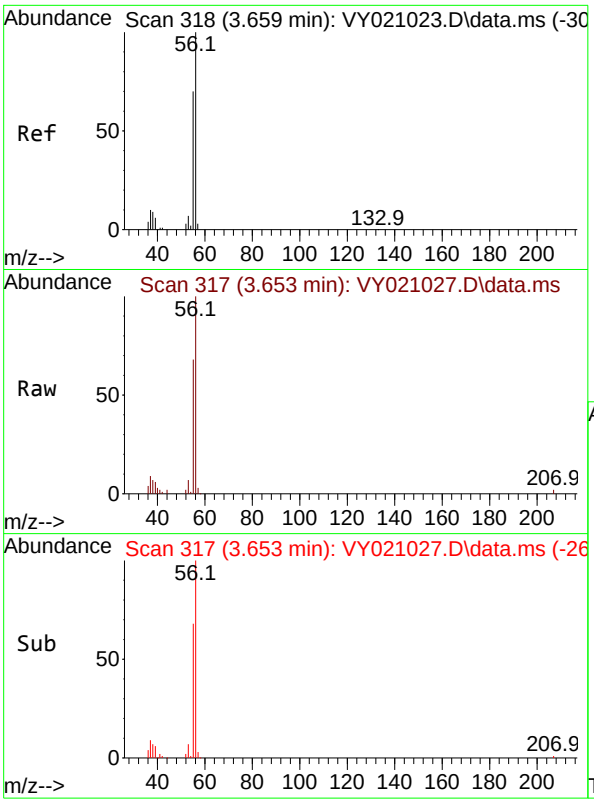


#12
1,1-Dichloroethene
Concen: 51.810 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 96 Resp: 91949

Ion	Ratio	Lower	Upper
96	100		
61	165.0	124.2	186.2
98	59.6	52.6	79.0

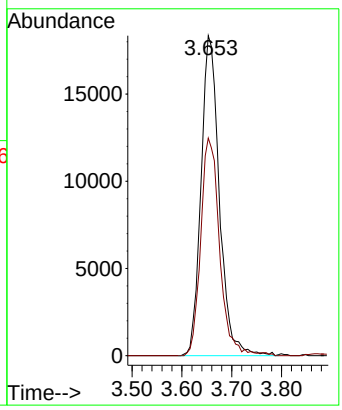




#13
Acrolein
Concen: 235.305 ug/l
RT: 3.653 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 56 Resp: 4682

Ion	Ratio	Lower	Upper
56	100		
55	69.5	55.4	83.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

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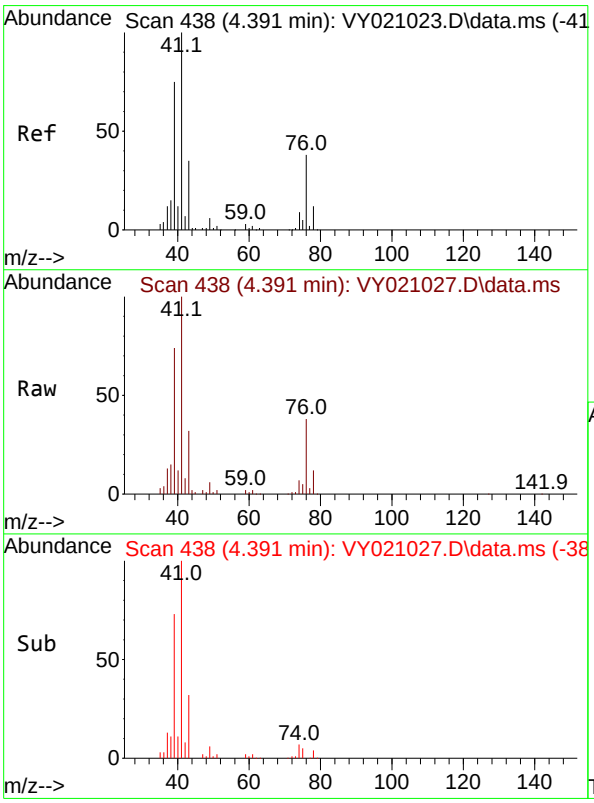
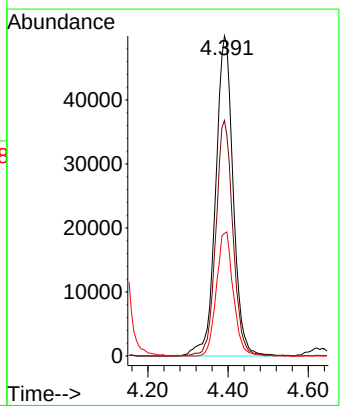
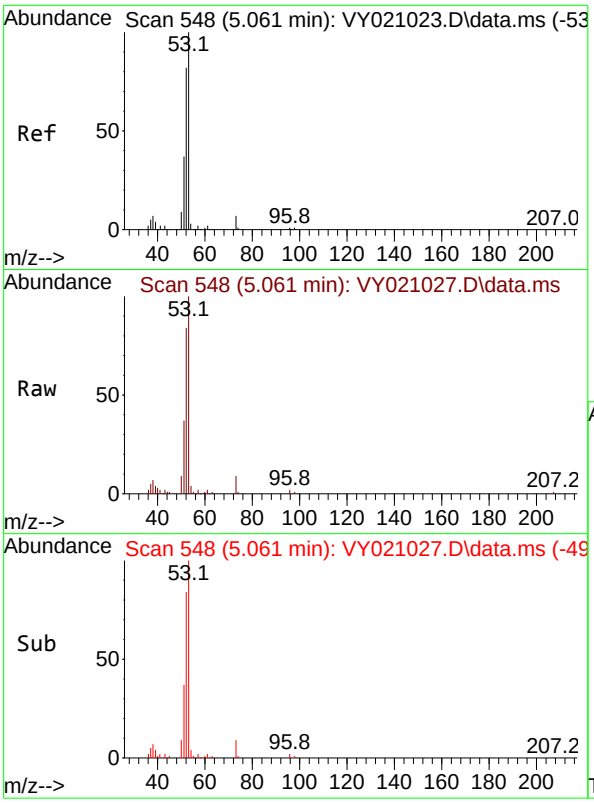


#14
Allyl chloride
Concen: 50.663 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 41 Resp: 151536

Ion	Ratio	Lower	Upper
41	100		
39	71.4	54.7	82.1
76	37.3	31.8	47.6

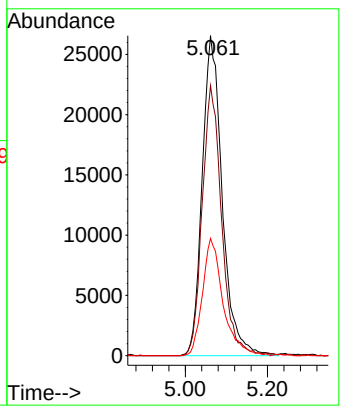




#15
Acrylonitrile
Concen: 230.328 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 53 Resp: 8988

Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.1	97.7
51	37.6	29.0	43.4



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Manual Integrations
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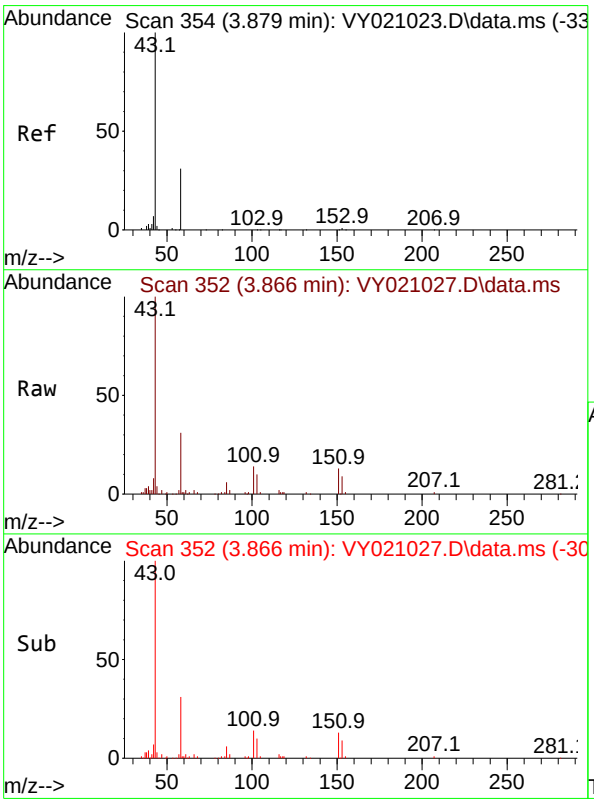
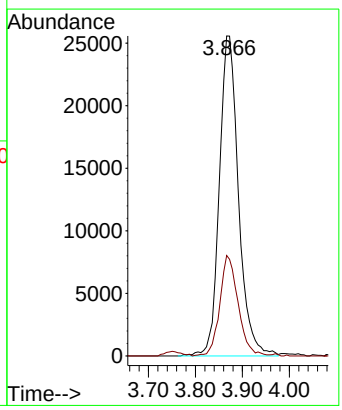
Supervised By :Semsettin Yesilyurt 02/04/2025

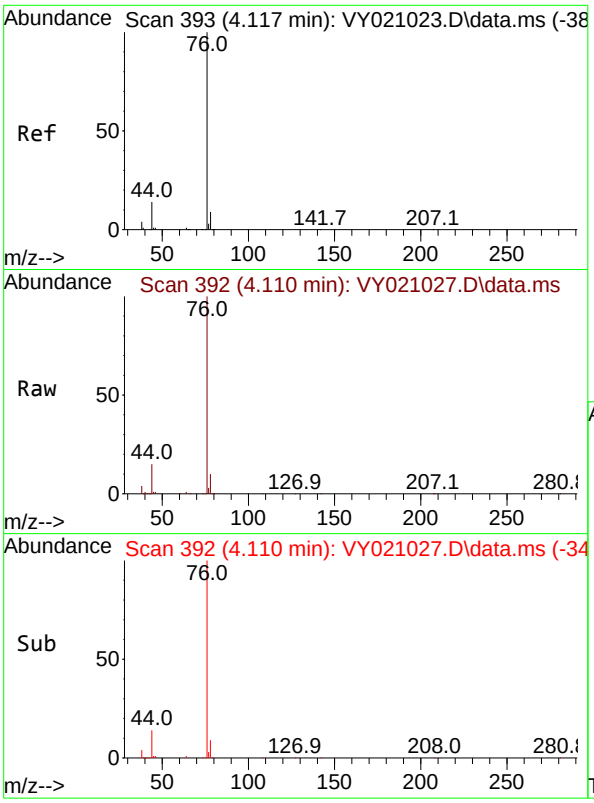


#16
Acetone
Concen: 243.997 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 43 Resp: 72566

Ion	Ratio	Lower	Upper
43	100		
58	31.0	26.6	39.8

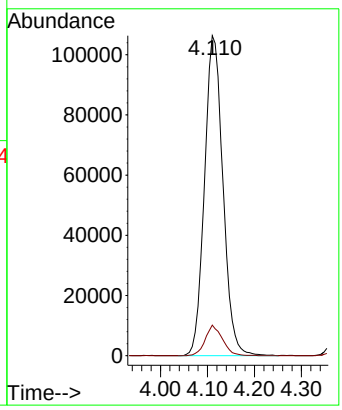




#17
Carbon Disulfide
Concen: 52.004 ug/l
RT: 4.110 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 76 Resp: 28940

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

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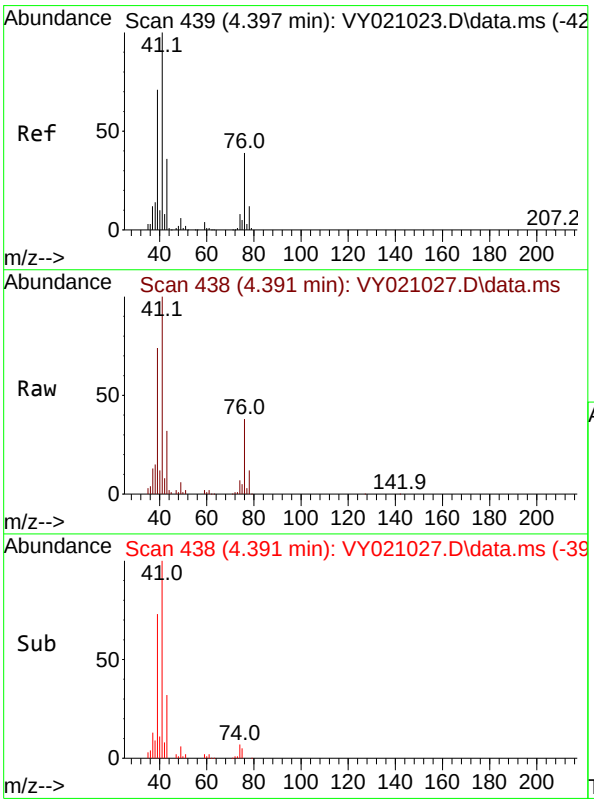
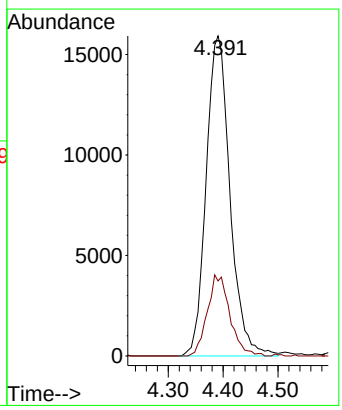
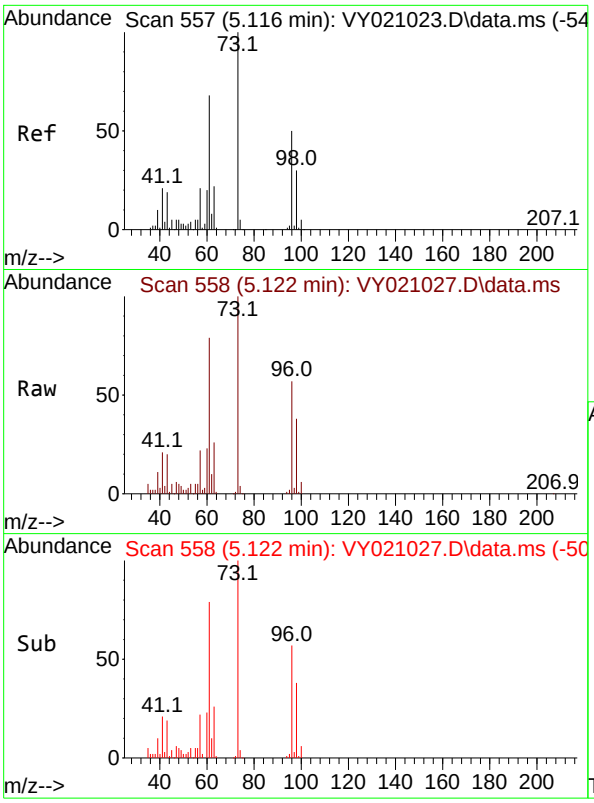


#18
Methyl Acetate
Concen: 46.031 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 43 Resp: 48057

Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.8	29.6

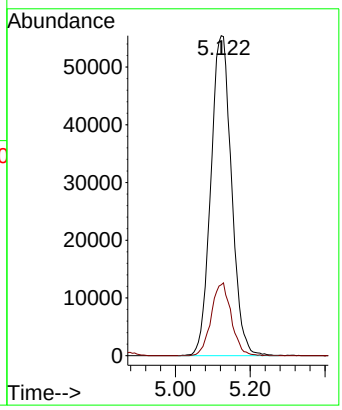




#19
Methyl tert-butyl Ether
Concen: 47.538 ug/l
RT: 5.122 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 73 Resp: 21324

Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.7	26.5



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

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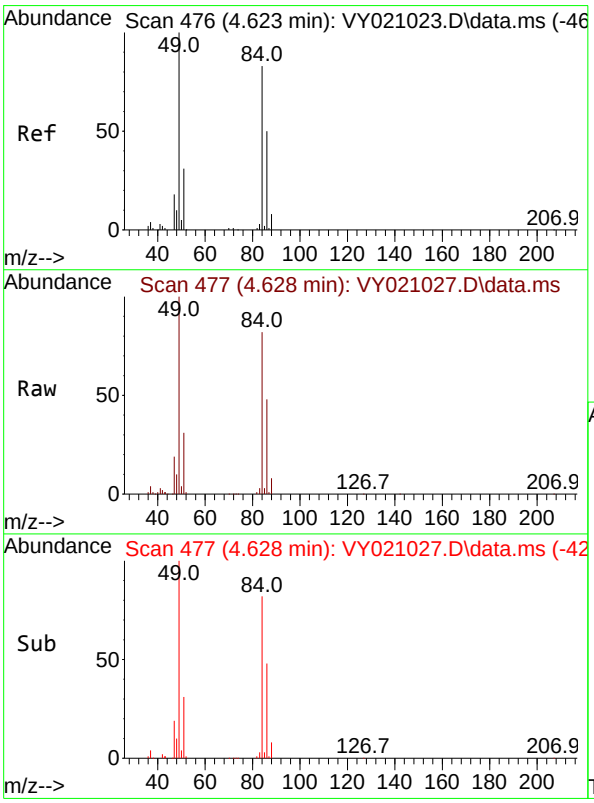
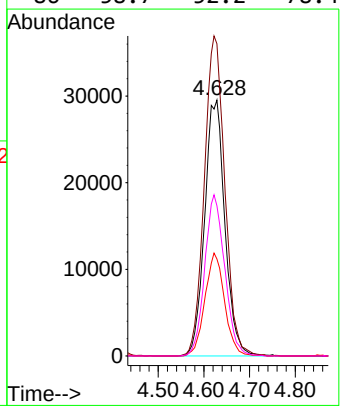
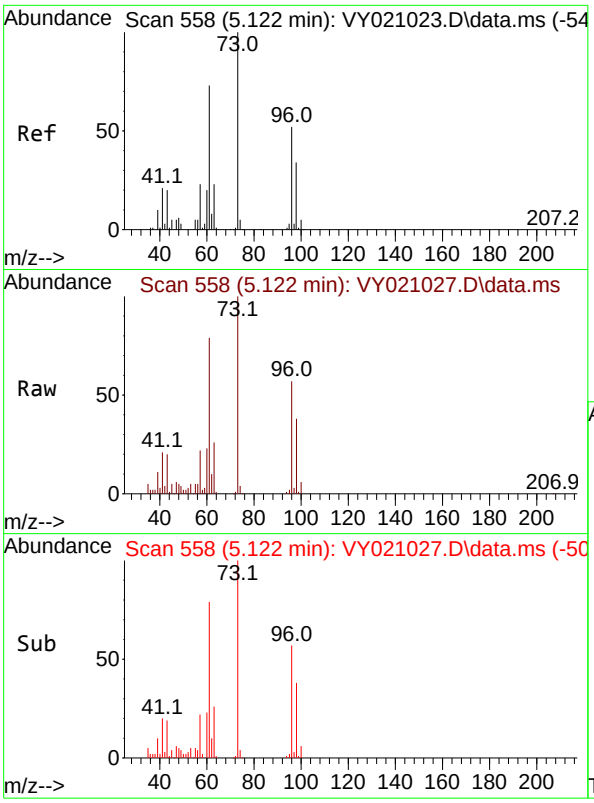


#20
Methylene Chloride
Concen: 49.414 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 84 Resp: 91358

Ion	Ratio	Lower	Upper
84	100		
49	122.0	95.2	142.8
51	37.9	29.9	44.9
86	58.7	52.2	78.4

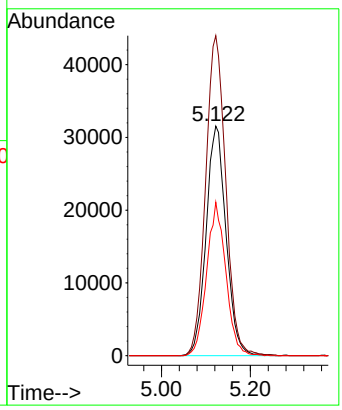




#21
trans-1,2-Dichloroethene
Concen: 50.506 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 96 Resp: 9866

Ion	Ratio	Lower	Upper
96	100		
61	139.4	104.6	156.8
98	66.8	50.9	76.3



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

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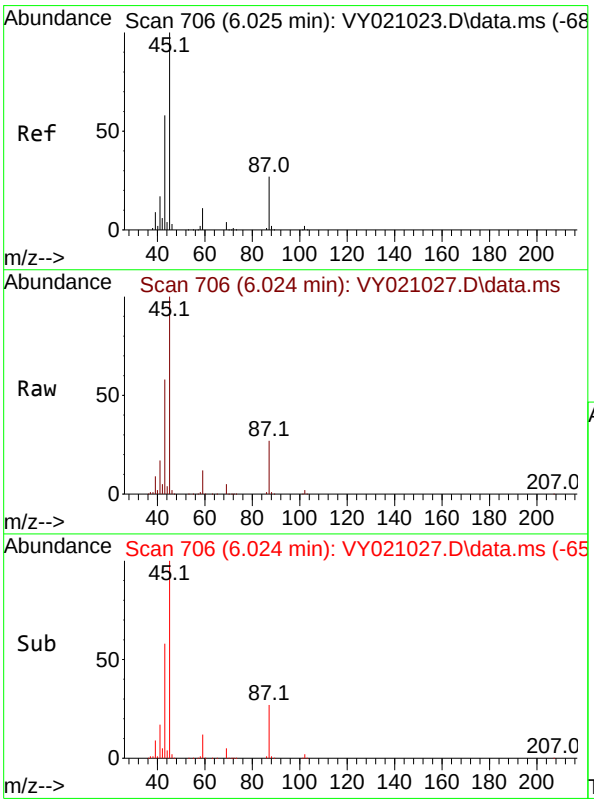
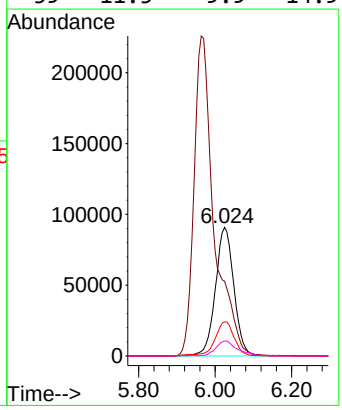
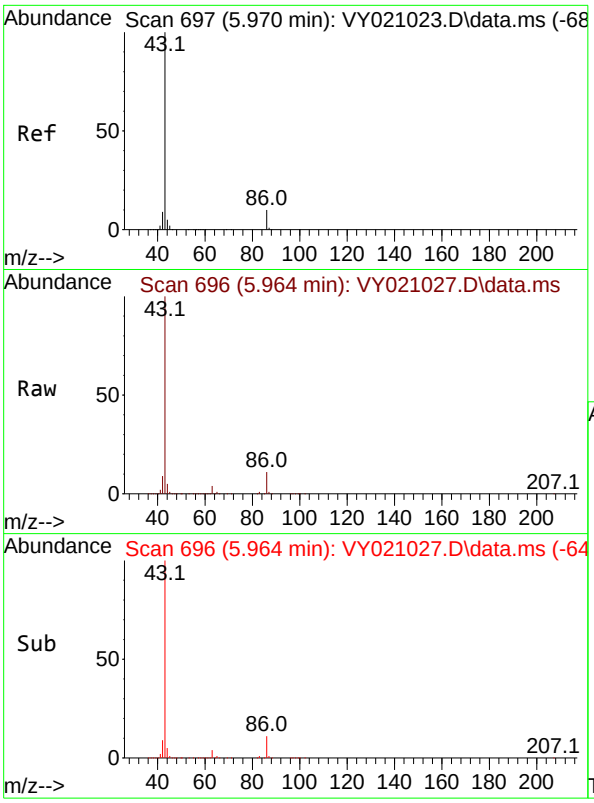


#22
Diisopropyl ether
Concen: 49.407 ug/l
RT: 6.024 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 45 Resp: 304603

Ion	Ratio	Lower	Upper
45	100		
43	57.5	46.8	70.2
87	26.5	22.2	33.2
59	11.5	9.9	14.9

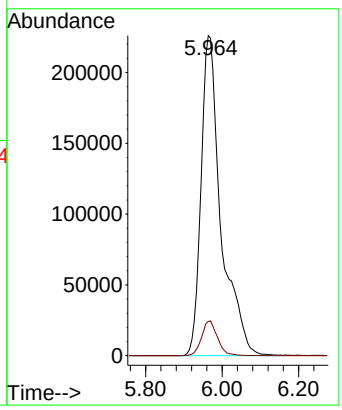




#23
Vinyl Acetate
Concen: 238.370 ug/l
RT: 5.964 min Scan# 6
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 43 Resp: 81924

Ion	Ratio	Lower	Upper
43	100		
86	10.7	8.6	13.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

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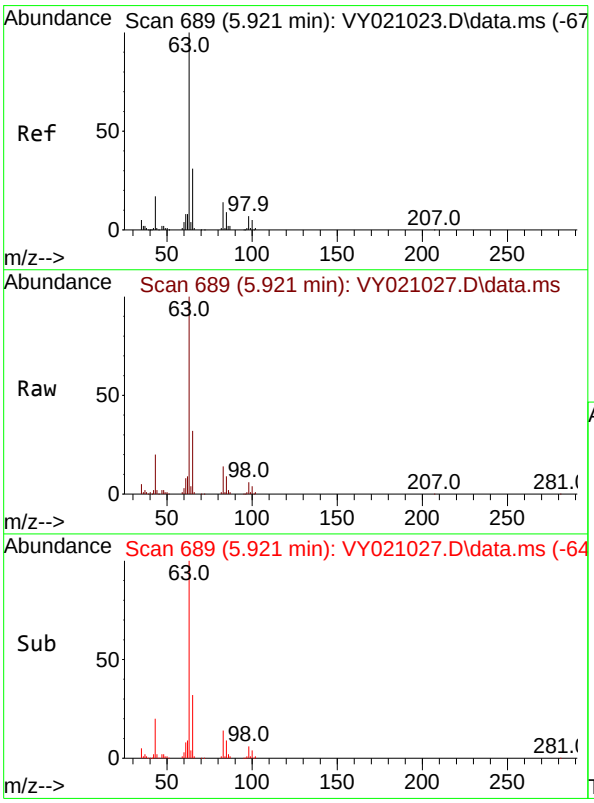
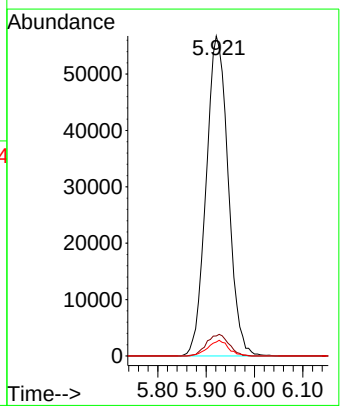
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

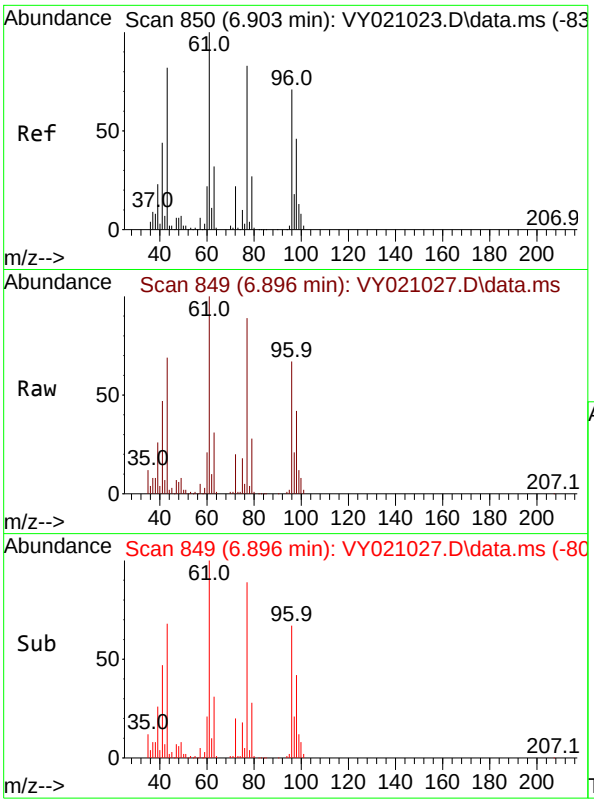


#24
1,1-Dichloroethane
Concen: 49.806 ug/l
RT: 5.921 min Scan# 689
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 63 Resp: 179904

Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.8	11.4
100	4.4	2.1	6.2





#25
2-Butanone
Concen: 233.503 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 43 Resp: 11411

Ion	Ratio	Lower	Upper
43	100		
72	28.8	21.4	32.2

Instrument :
MSVOA_Y
ClientSampleId :
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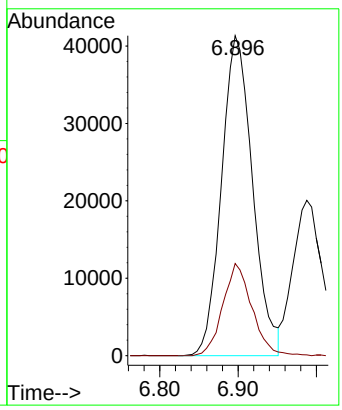
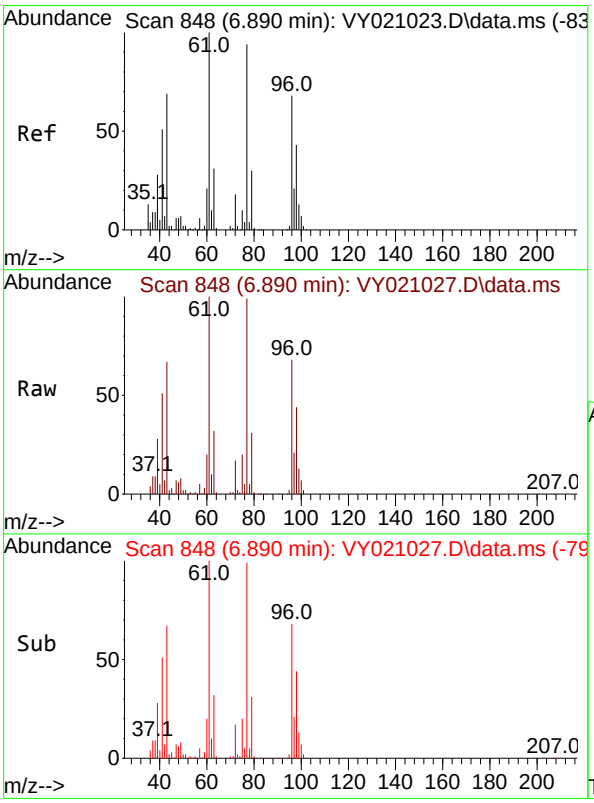
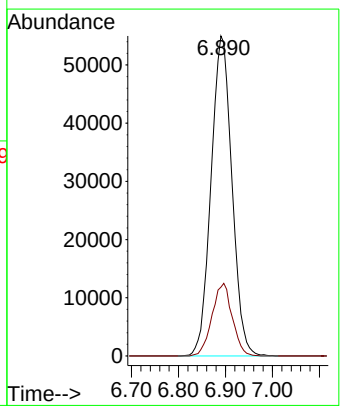


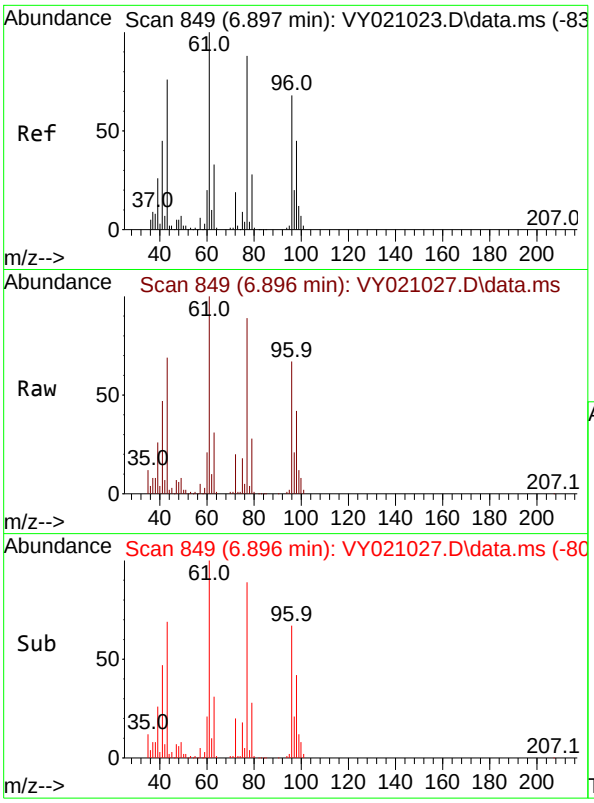


#26
2,2-Dichloropropane
Concen: 50.791 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 77 Resp: 169757

Ion	Ratio	Lower	Upper
77	100		
97	21.9	11.7	35.0

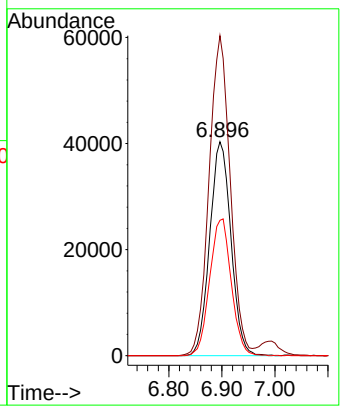




#27
cis-1,2-Dichloroethene
Concen: 49.785 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 96 Resp: 11194

Ion	Ratio	Lower	Upper
96	100		
61	149.6	0.0	278.8
98	65.1	0.0	127.0



Instrument :
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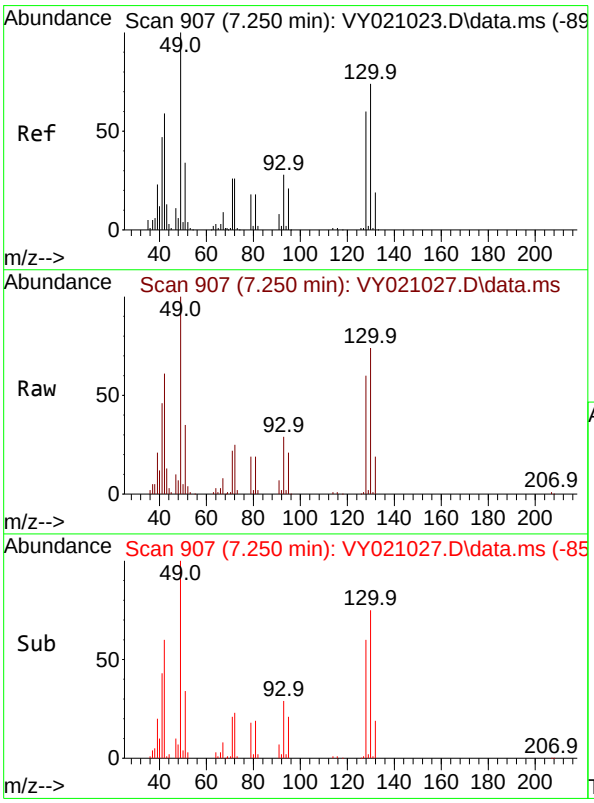
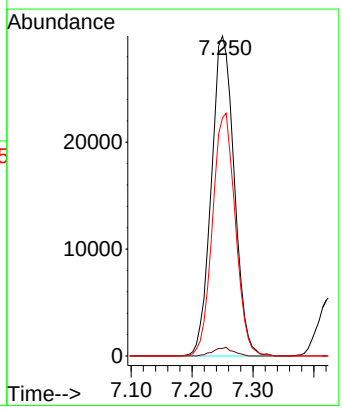
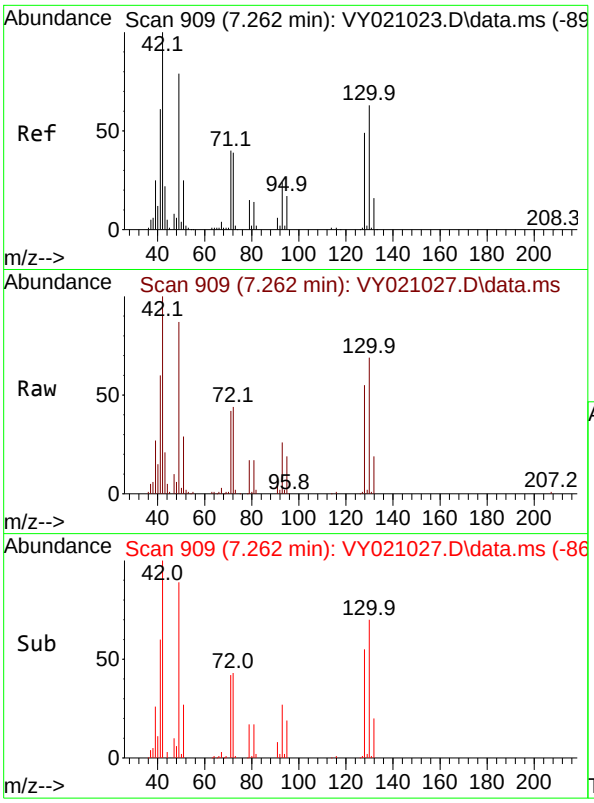


#28
Bromochloromethane
Concen: 54.731 ug/l
RT: 7.250 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 49 Resp: 78173

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	3.8
130	75.7	59.8	89.8

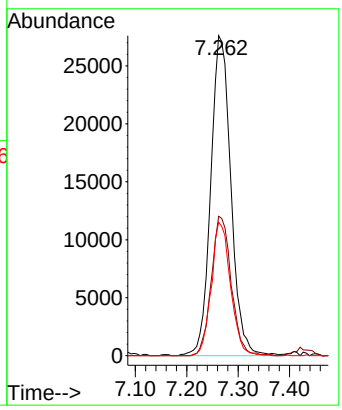




#29
Tetrahydrofuran
Concen: 228.139 ug/l
RT: 7.262 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 42 Resp: 7544

Ion	Ratio	Lower	Upper
42	100		
72	42.8	36.6	54.8
71	39.7	33.8	50.6



Instrument :
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ClientSampleId :
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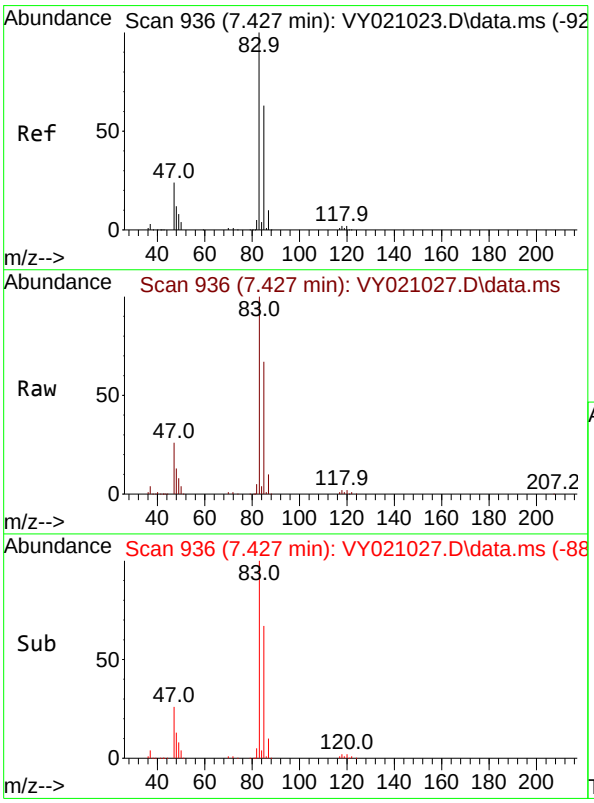
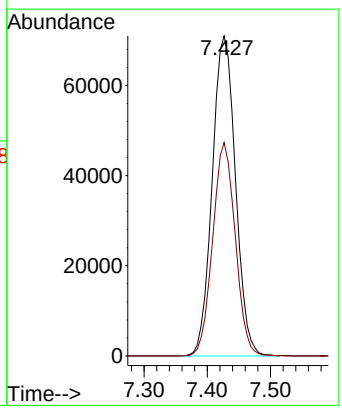
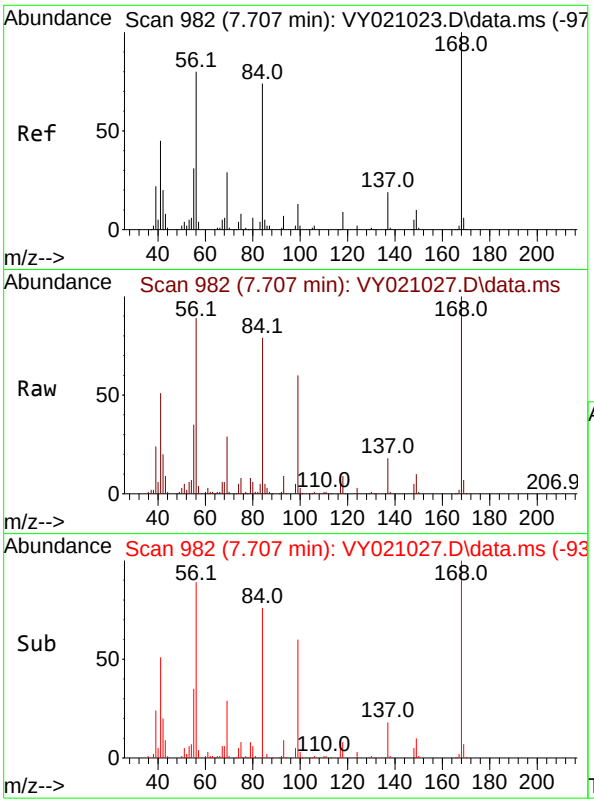


#30
Chloroform
Concen: 48.846 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 83 Resp: 181229

Ion	Ratio	Lower	Upper
83	100		
85	66.7	51.2	76.8

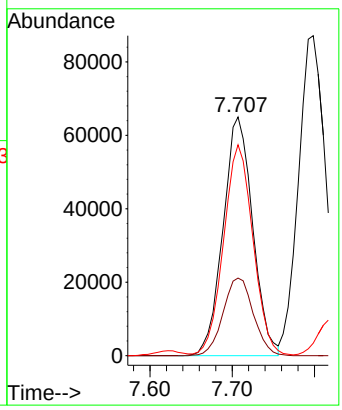




#31
Cyclohexane
Concen: 50.051 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 56 Resp: 16280

Ion	Ratio	Lower	Upper
56	100		
69	32.5	27.0	40.6
84	86.9	71.8	107.6



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

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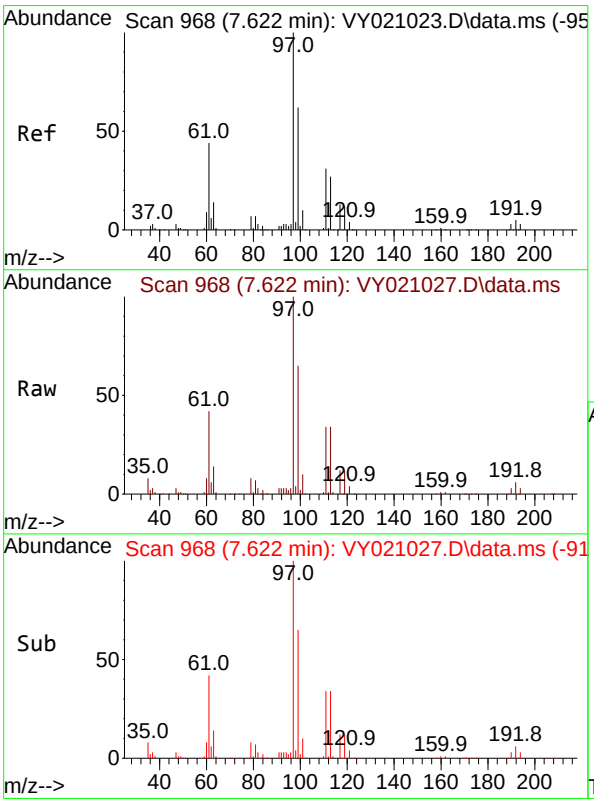
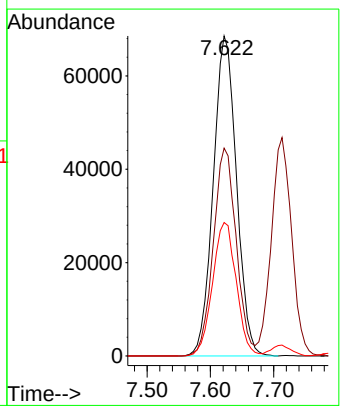
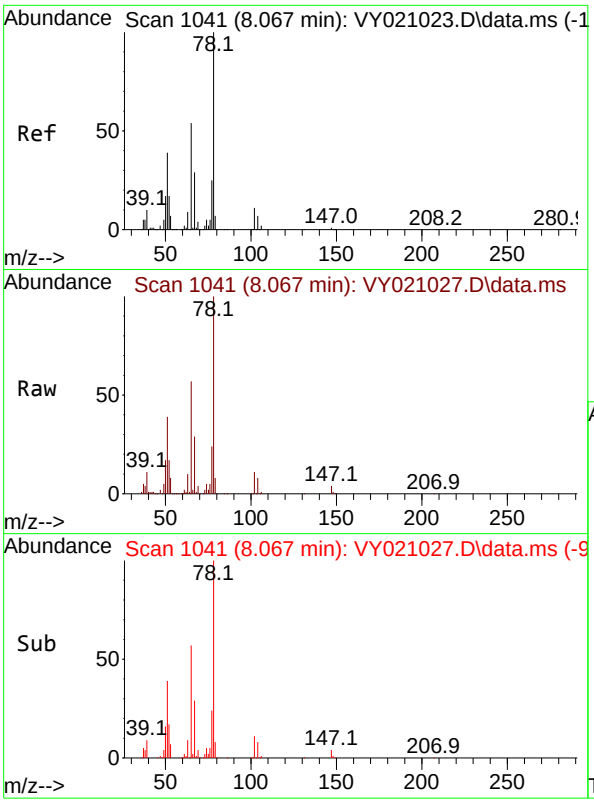


#32
1,1,1-Trichloroethane
Concen: 50.620 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 97 Resp: 174612

Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.2	76.8
61	42.6	35.0	52.6

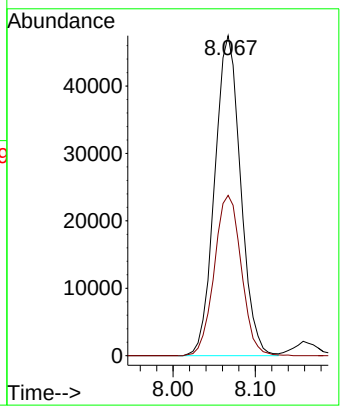




#33
1,2-Dichloroethane-d4
Concen: 54.604 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 65 Resp: 10413

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	109.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

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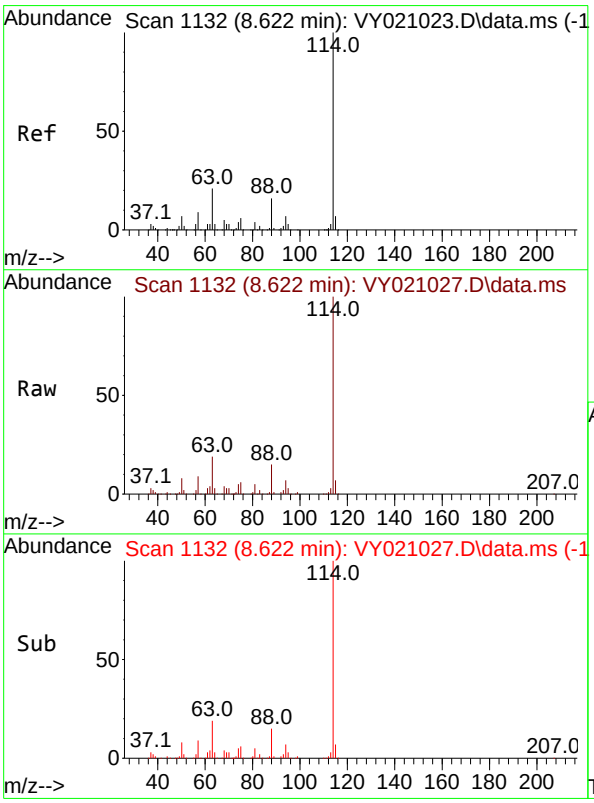
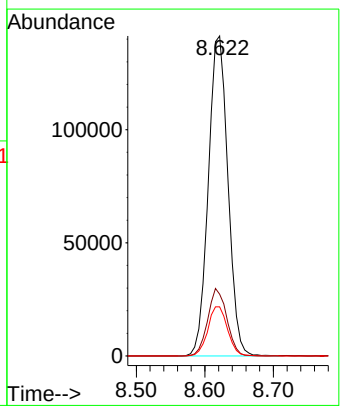
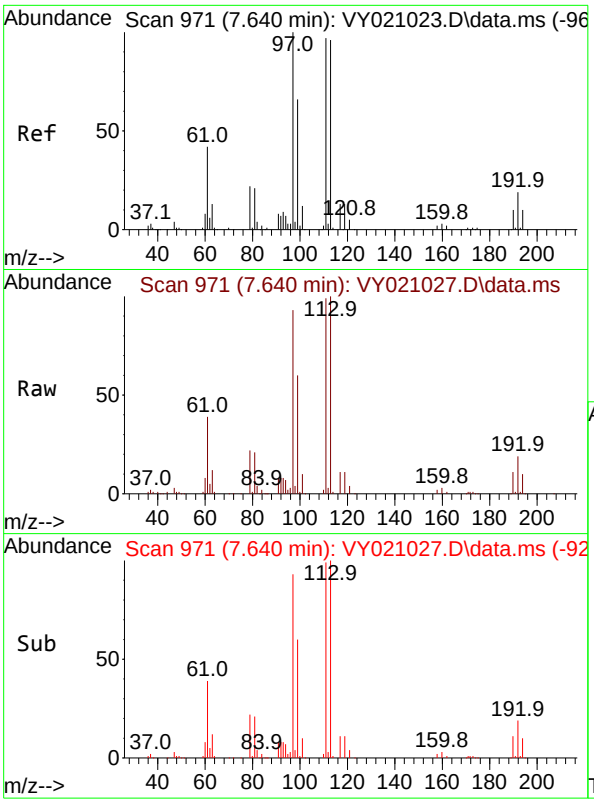


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:114 Resp: 280950

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	37.4
88	15.4	0.0	29.0





#35
Dibromofluoromethane
Concen: 57.790 ug/l
RT: 7.640 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:113 Resp: 10405

Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.8	125.6
192	20.0	14.5	21.7

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

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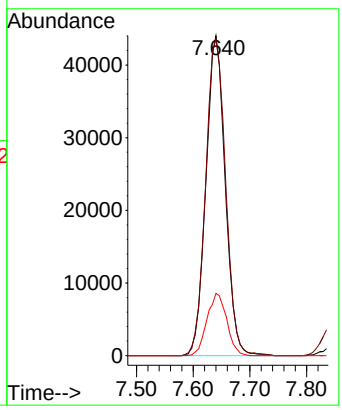
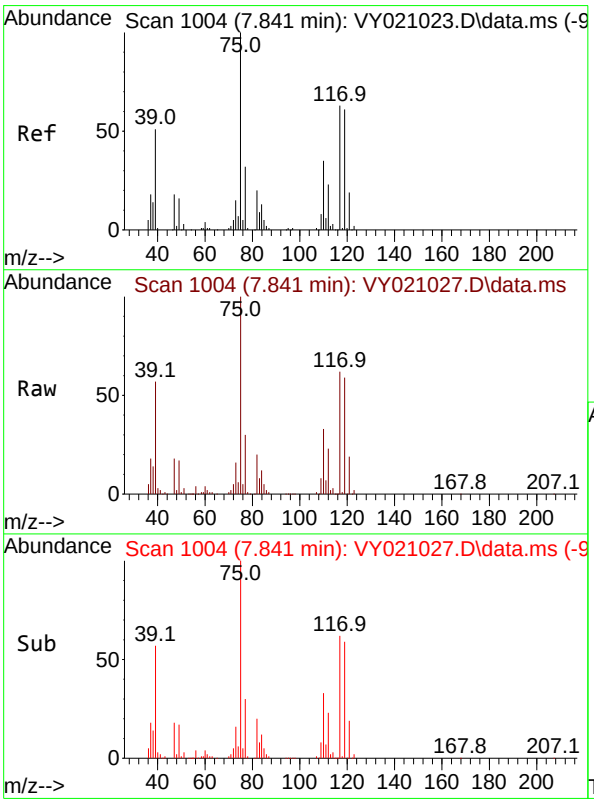
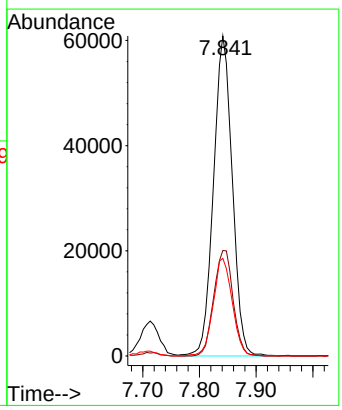


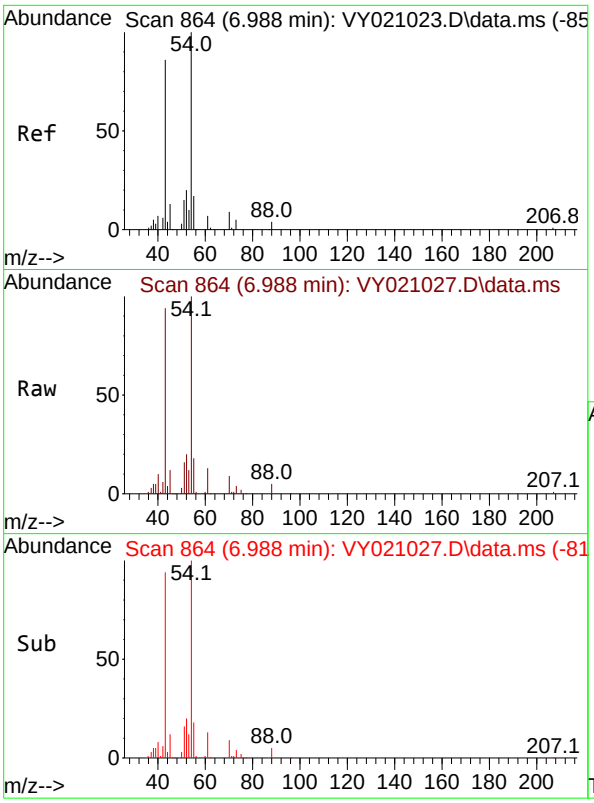


#36
1,1-Dichloropropene
Concen: 52.625 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 75 Resp: 140344

Ion	Ratio	Lower	Upper
75	100		
110	33.8	17.4	52.3
77	30.7	24.7	37.1

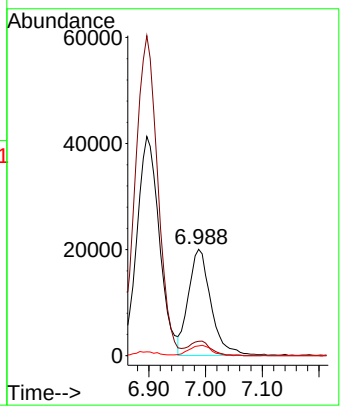




#37
Ethyl Acetate
Concen: 47.006 ug/l
RT: 6.988 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 43 Resp: 5499

Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.6
70	9.7	8.1	12.1



Instrument :
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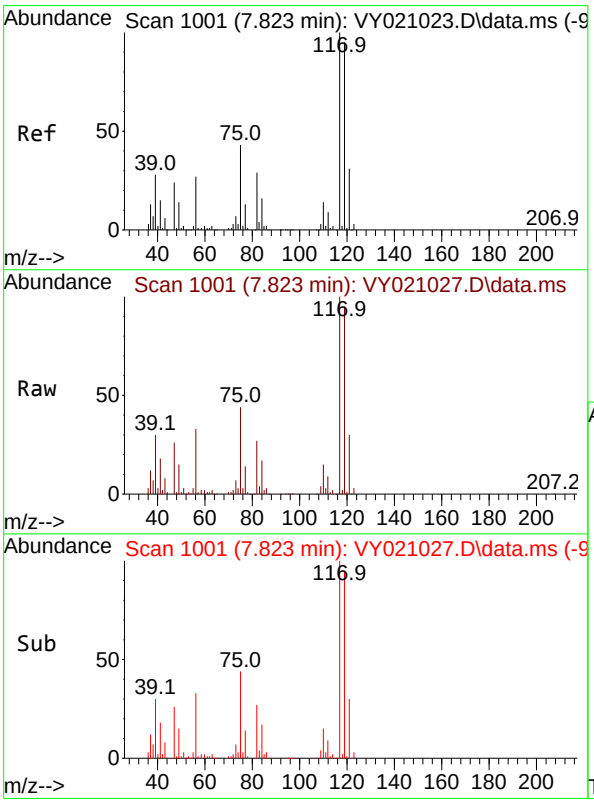
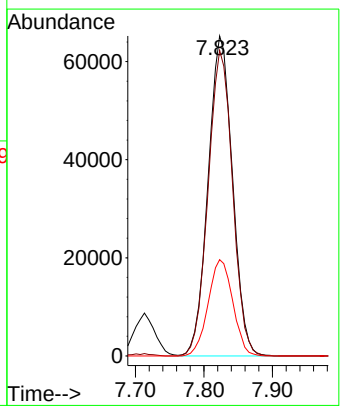
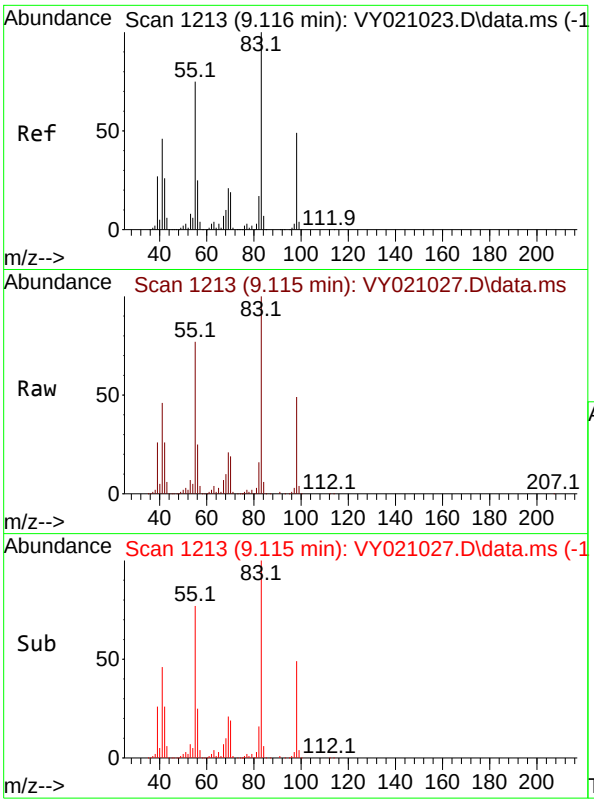


#38
Carbon Tetrachloride
Concen: 51.711 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:117 Resp: 161137

Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.0	114.0
121	30.1	24.2	36.2





#39
Methylcyclohexane
Concen: 54.123 ug/l
RT: 9.115 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 83 Resp: 17655

Ion	Ratio	Lower	Upper
83	100		
55	77.1	59.7	89.5
98	49.4	38.0	57.0

Instrument :
MSVOA_Y
ClientSampleId :
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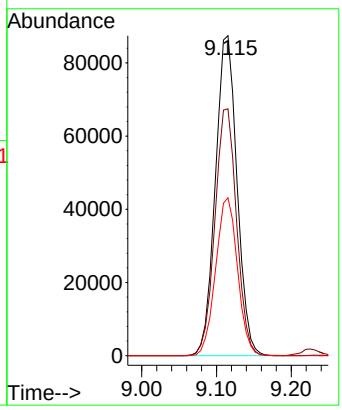
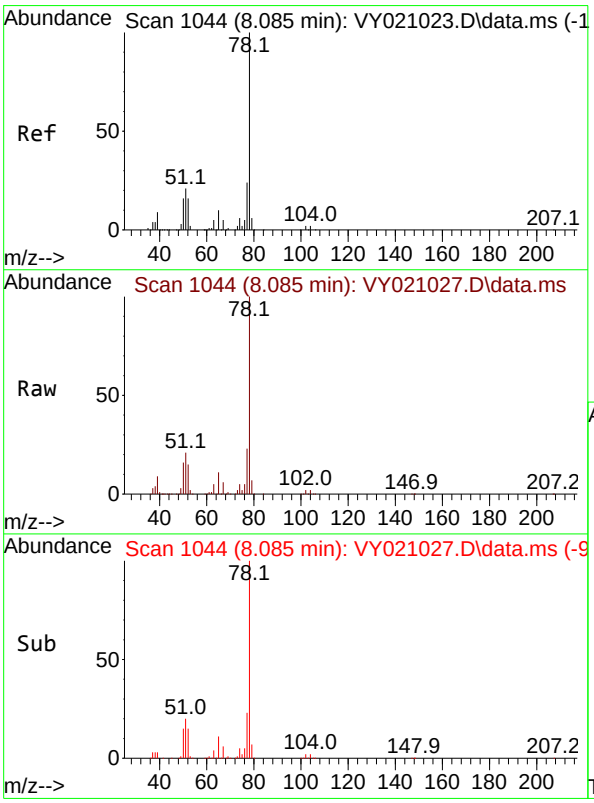
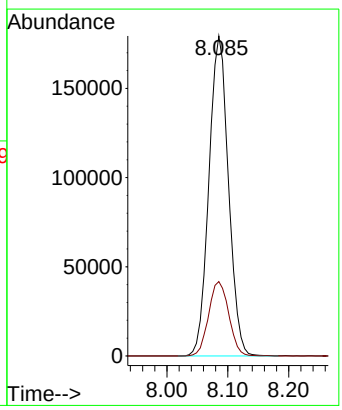


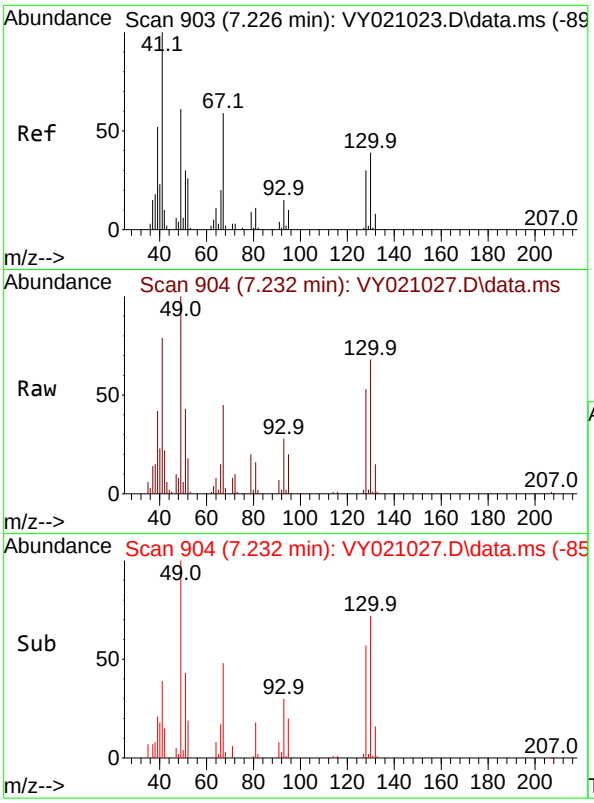


#40
Benzene
Concen: 51.052 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 78 Resp: 399547

Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.8	28.2

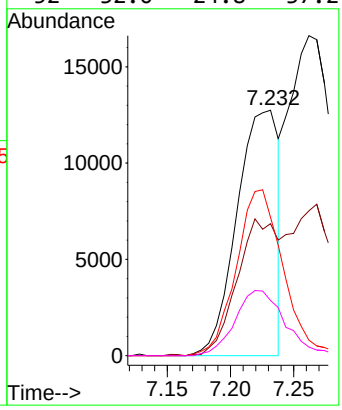




#41
Methacrylonitrile
Concen: 43.131 ug/l
RT: 7.232 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 41 Resp: 2919

Ion	Ratio	Lower	Upper
41	100		
39	53.8	41.9	62.9
67	76.7	59.8	89.6
52	32.0	24.8	37.2



Instrument :
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ClientSampleId :
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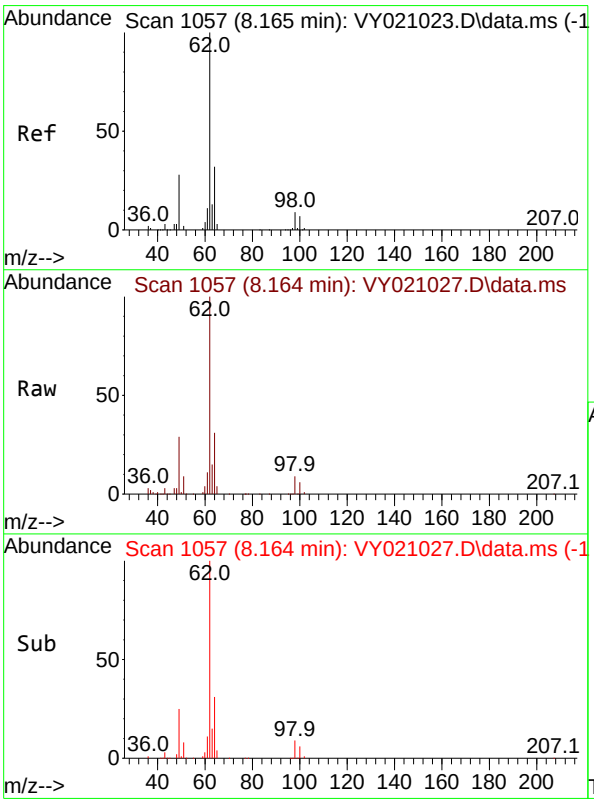
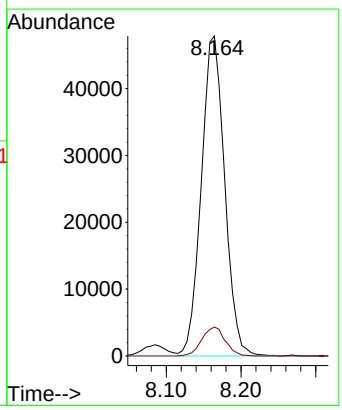
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

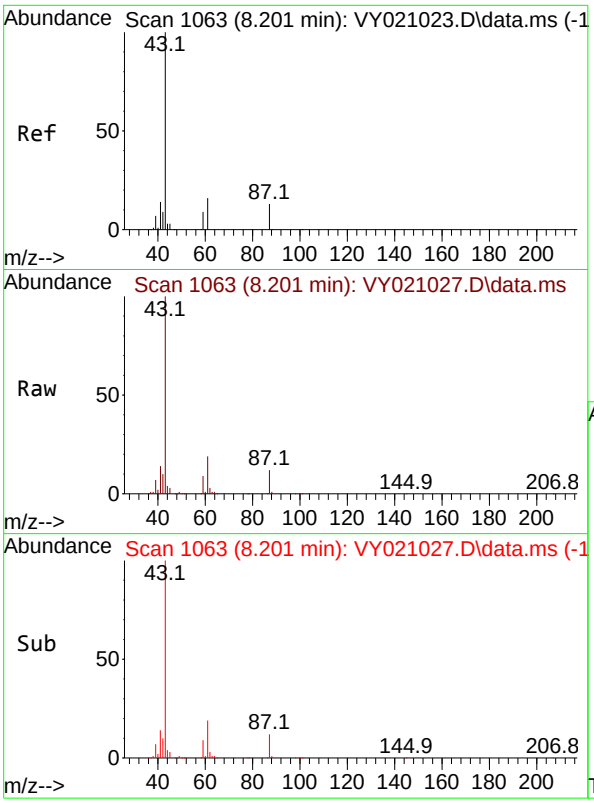


#42
1,2-Dichloroethane
Concen: 47.910 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 62 Resp: 104015

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	20.2

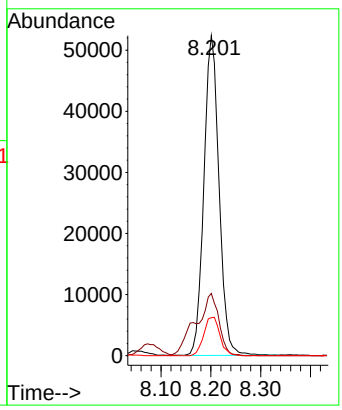




#43
Isopropyl Acetate
Concen: 47.523 ug/l
RT: 8.201 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 43 Resp: 11047

Ion	Ratio	Lower	Upper
43	100		
61	29.5	24.8	37.2
87	12.8	10.7	16.1



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

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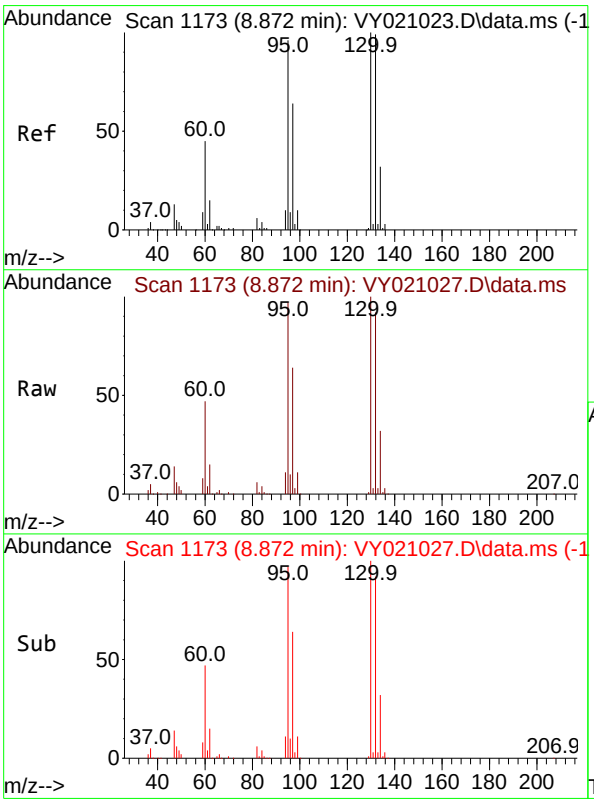
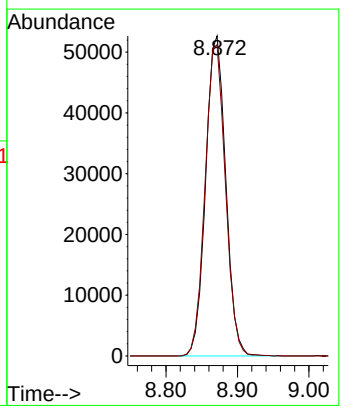
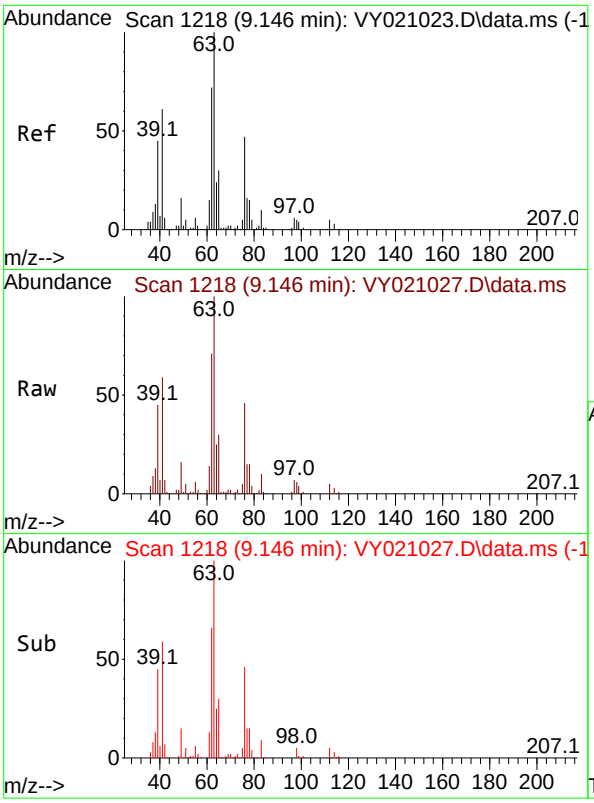


#44
Trichloroethene
Concen: 50.777 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:130 Resp: 102671

Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	203.8

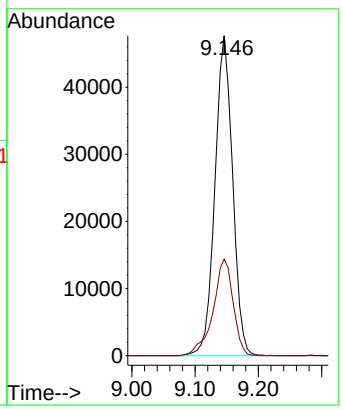




#45
1,2-Dichloropropane
Concen: 49.666 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 63 Resp: 9225

Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.6	36.8



Instrument :
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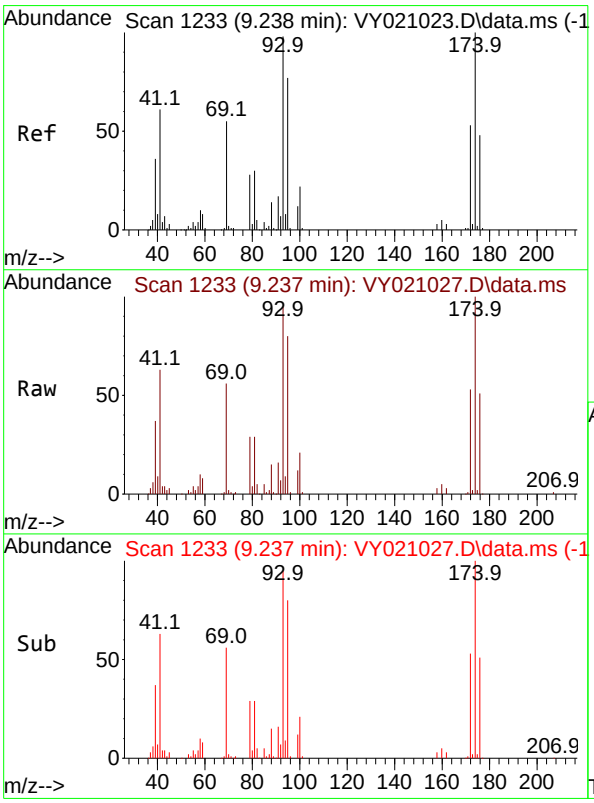
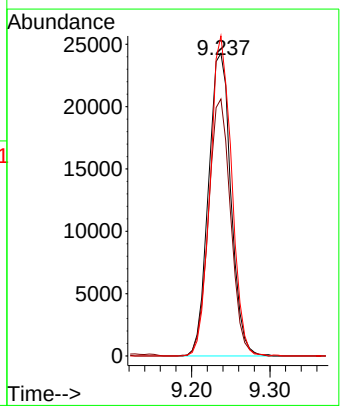
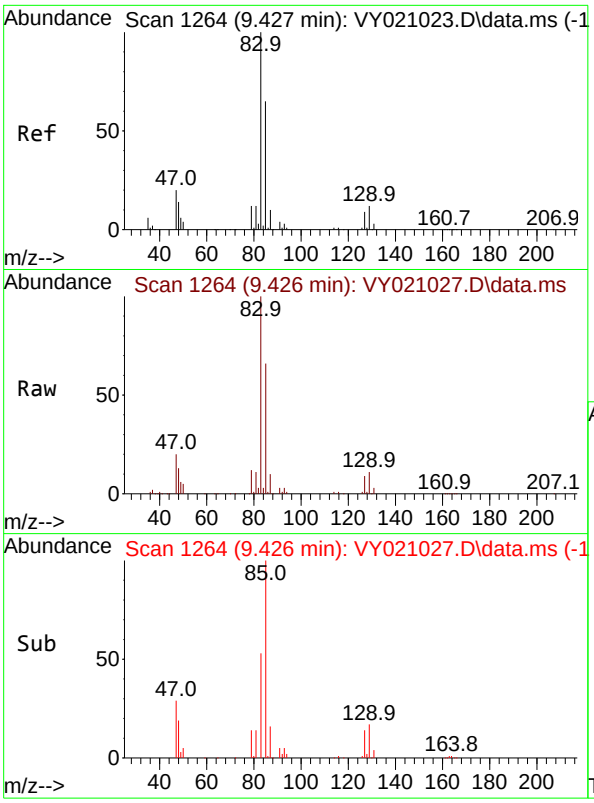


#46
Dibromomethane
Concen: 46.914 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 93 Resp: 48251

Ion	Ratio	Lower	Upper
93	100		
95	83.8	66.6	99.8
174	101.3	73.8	110.6

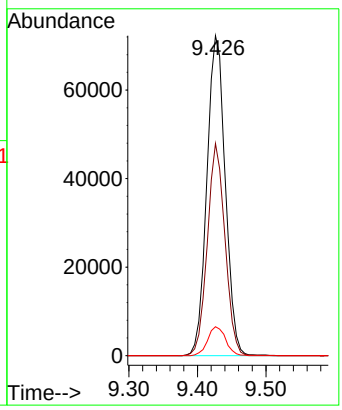




#47
Bromodichloromethane
Concen: 48.799 ug/l
RT: 9.426 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 83 Resp: 13460

Ion	Ratio	Lower	Upper
83	100		
85	66.3	53.2	79.8
127	9.1	6.4	9.6



Instrument :
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ClientSampleId :
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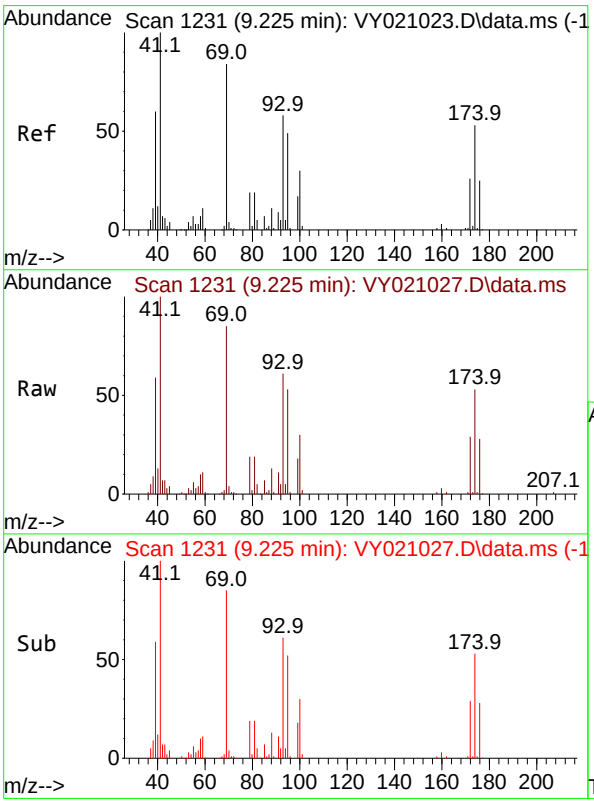
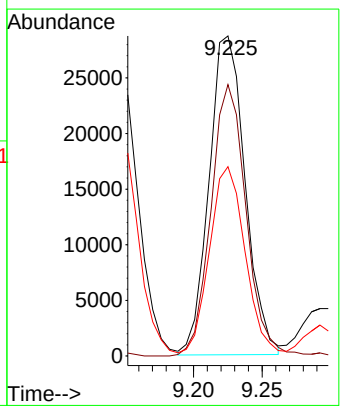
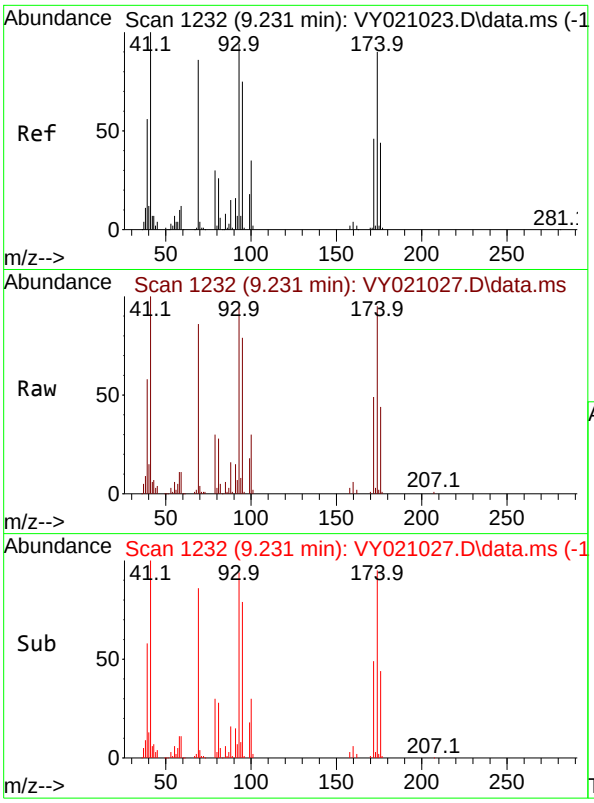


#48
Methyl methacrylate
Concen: 49.560 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 41 Resp: 52480

Ion	Ratio	Lower	Upper
41	100		
69	83.0	72.1	108.1
39	57.2	42.8	64.2

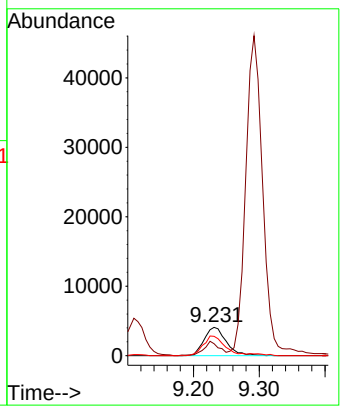




#49
1,4-Dioxane
Concen: 1001.398 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 88 Resp: 958

Ion	Ratio	Lower	Upper
88	100		
43	35.5	28.2	42.4
58	66.7	52.2	78.2



Instrument :
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ClientSampleId :
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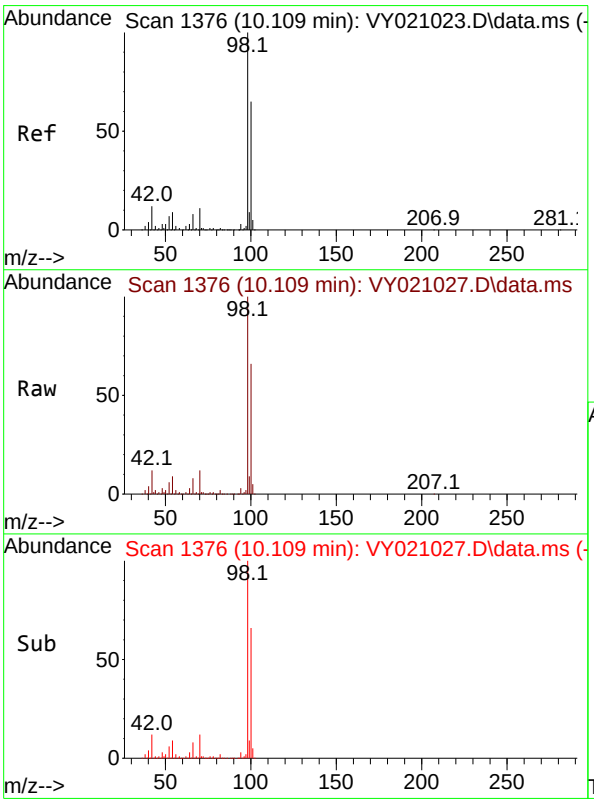
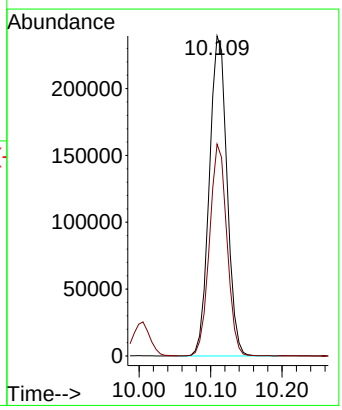
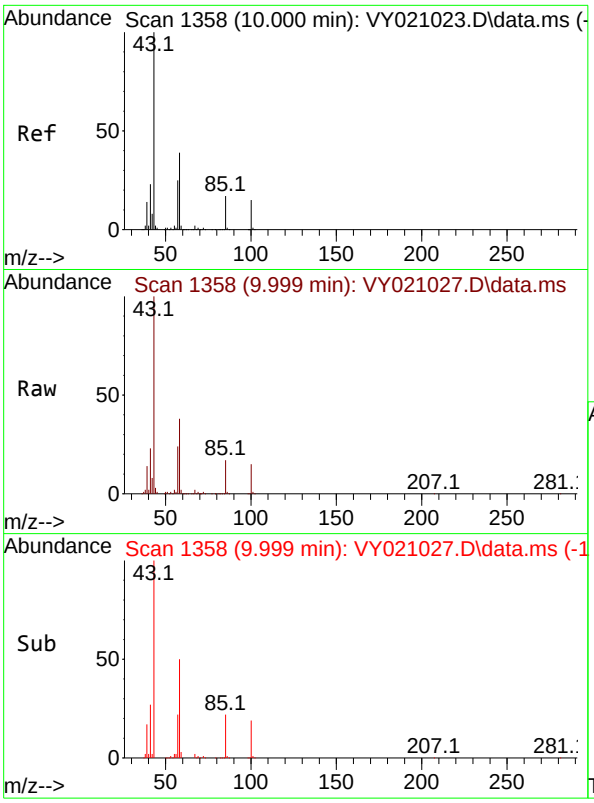


#50
Toluene-d8
Concen: 59.966 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 98 Resp: 411045

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.3	78.5

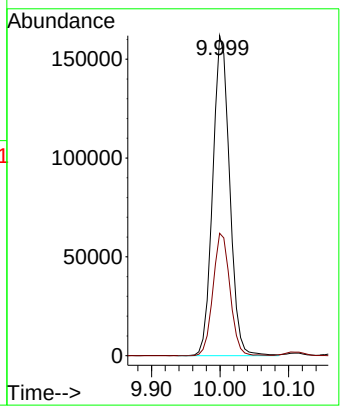




#51
4-Methyl-2-Pentanone
Concen: 236.615 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 43 Resp: 27660

Ion	Ratio	Lower	Upper
43	100		
58	38.6	32.2	48.2



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

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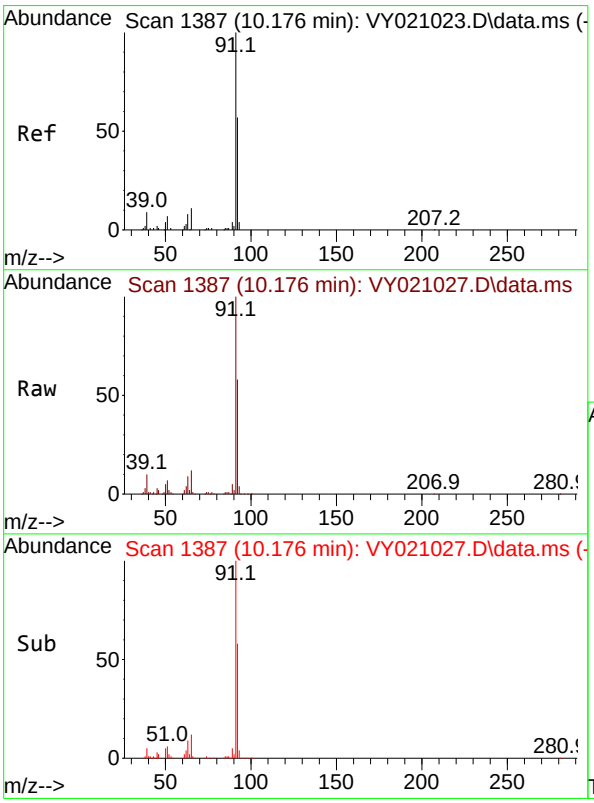
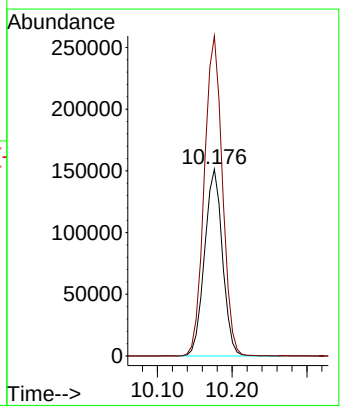
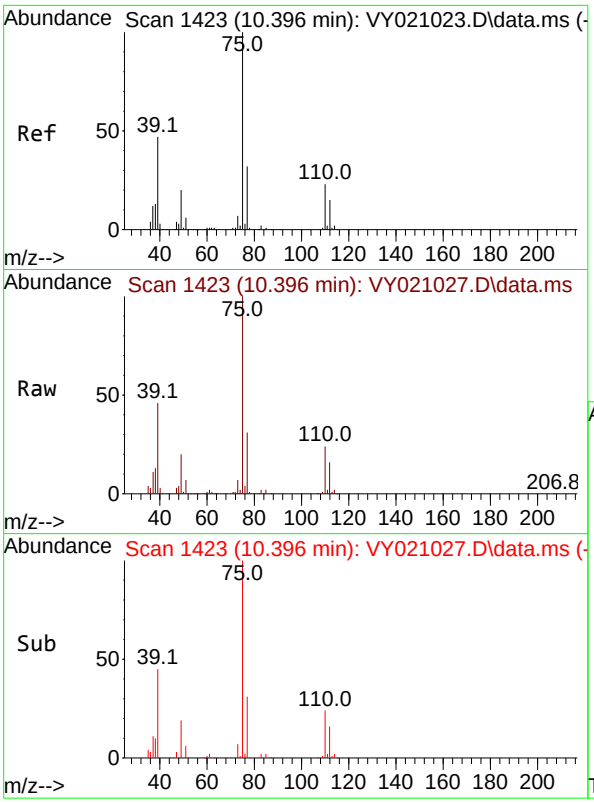


#52
Toluene
Concen: 51.135 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 92 Resp: 251287

Ion	Ratio	Lower	Upper
92	100		
91	173.2	137.6	206.4

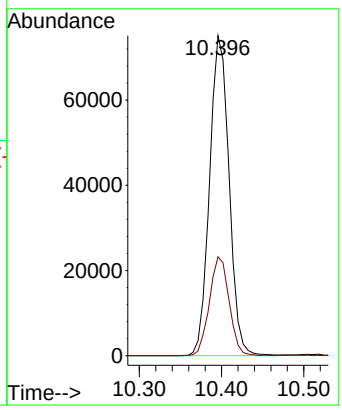




#53
t-1,3-Dichloropropene
Concen: 49.950 ug/l
RT: 10.396 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 75 Resp: 12371

Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.6	36.8



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

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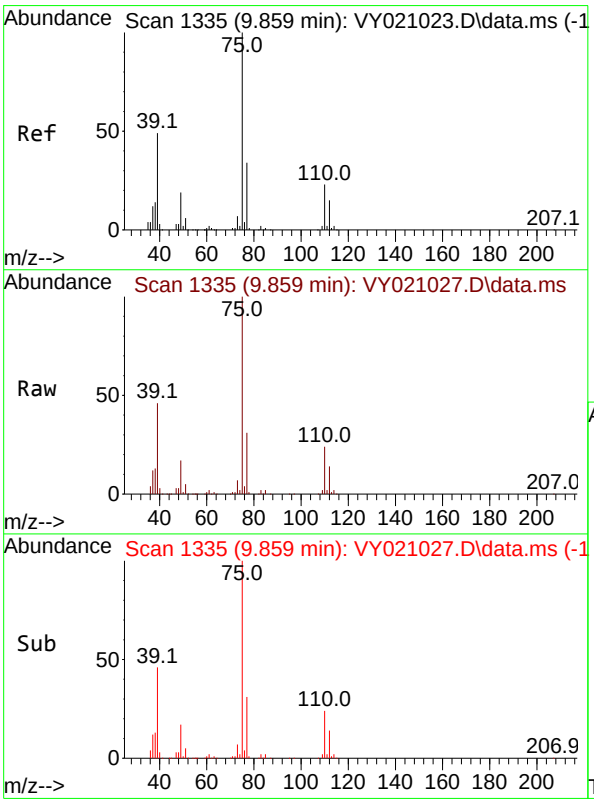
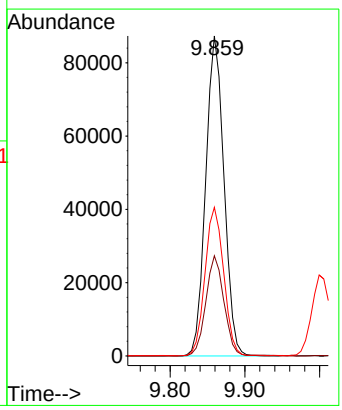
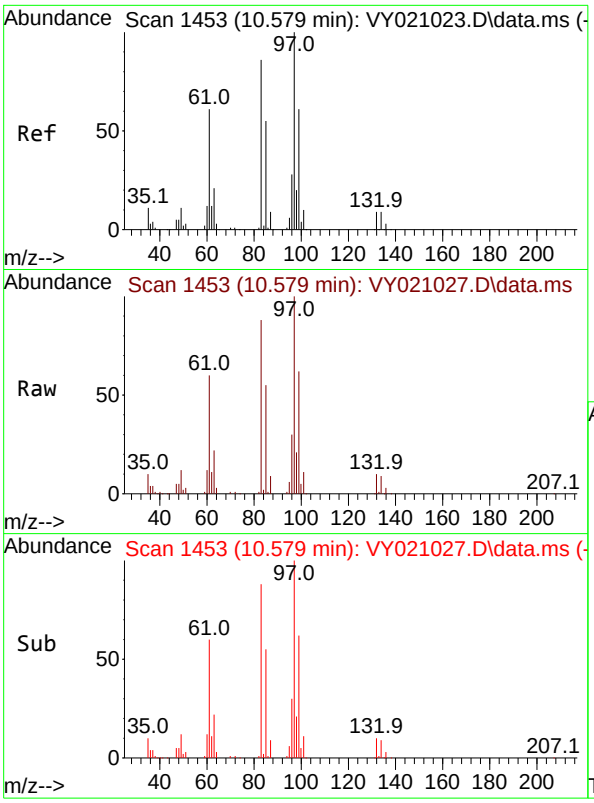


#54
cis-1,3-Dichloropropene
Concen: 50.550 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 75 Resp: 148244

Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.6	36.8
39	46.4	33.6	50.4

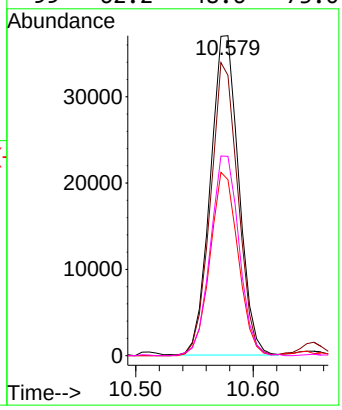




#55
1,1,2-Trichloroethane
Concen: 46.820 ug/l
RT: 10.579 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 97 Resp: 6235

Ion	Ratio	Lower	Upper
97	100		
83	87.5	69.4	104.2
85	55.1	43.9	65.9
99	62.2	48.6	73.0



Instrument :
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ClientSampleId :
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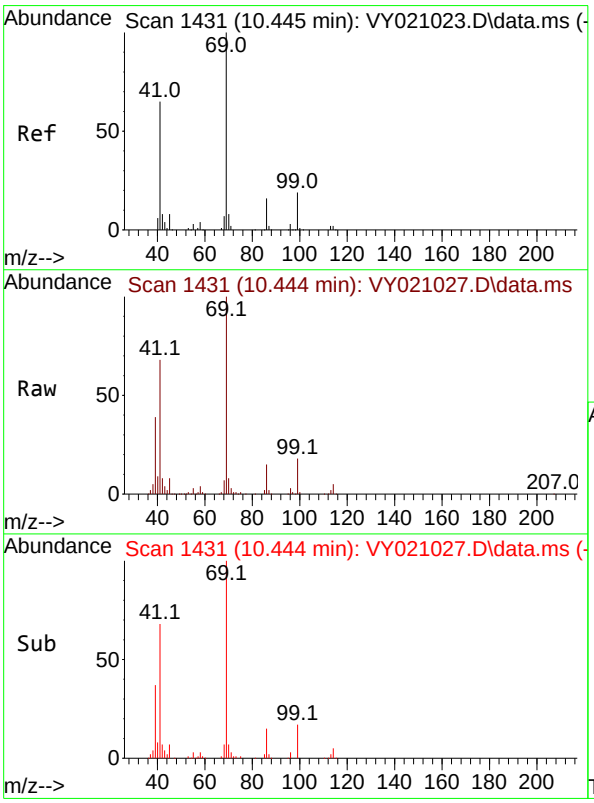
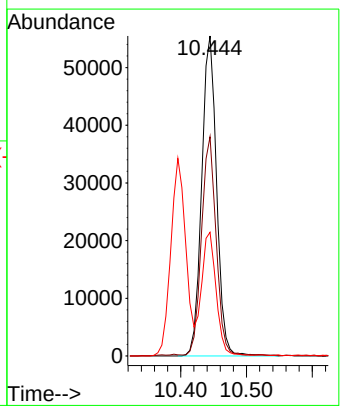
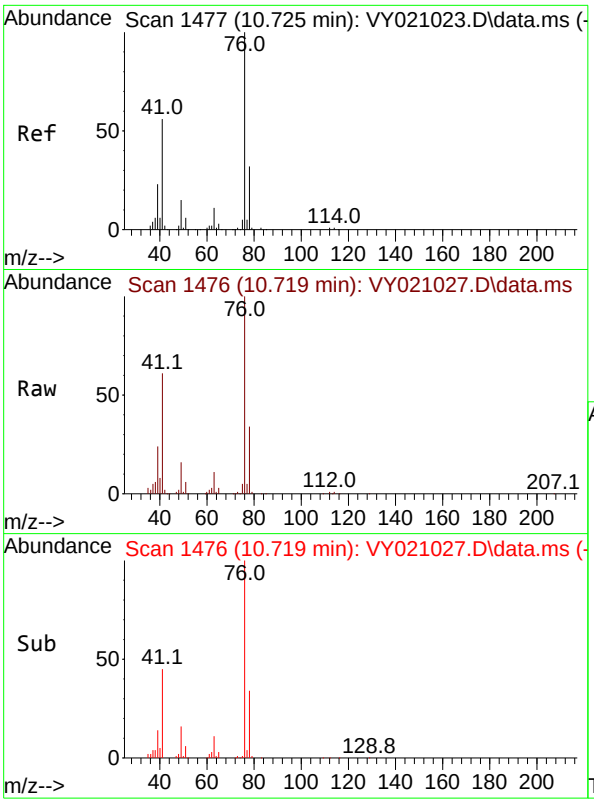


#56
Ethyl methacrylate
Concen: 49.082 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 69 Resp: 87450

Ion	Ratio	Lower	Upper
69	100		
41	66.5	49.2	73.8
39	37.5	26.8	40.2

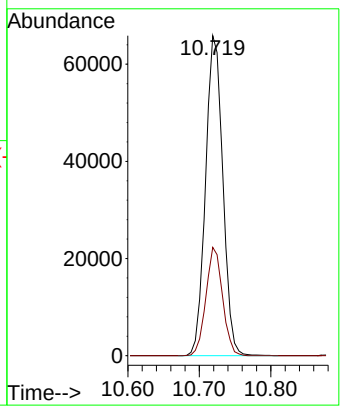




#57
1,3-Dichloropropane
Concen: 47.980 ug/l
RT: 10.719 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 76 Resp: 11060

Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.1	39.1



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

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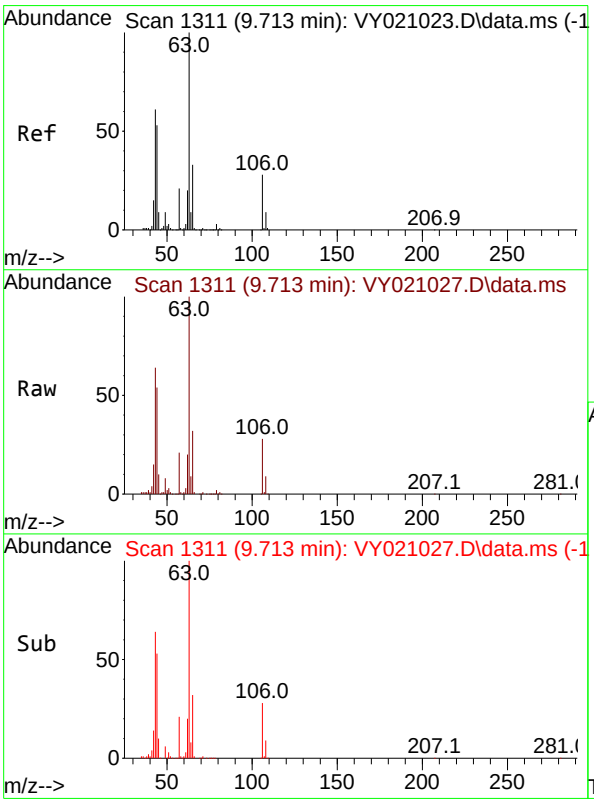
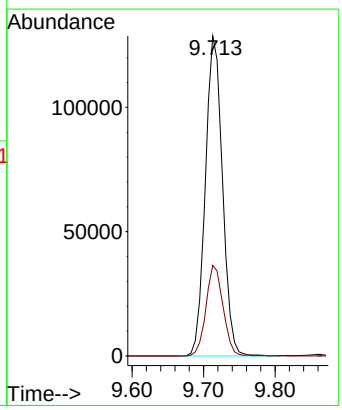
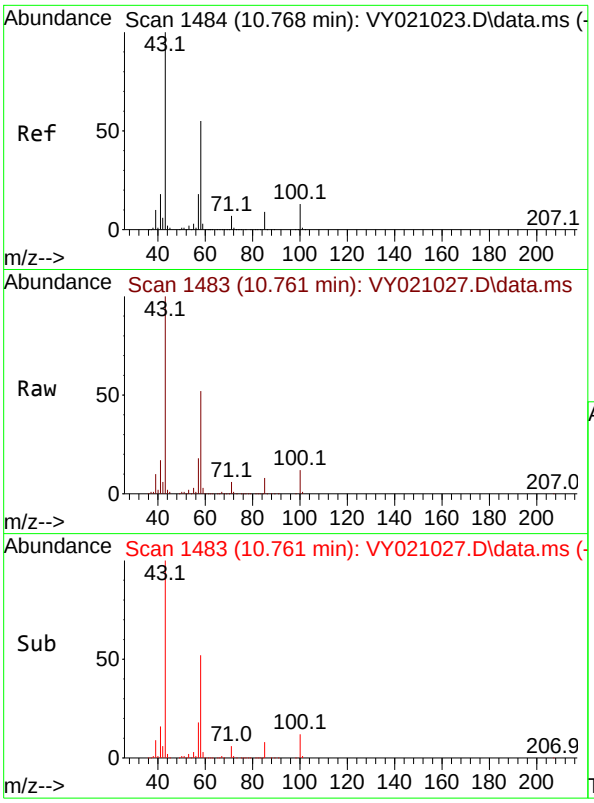


#58
2-Chloroethyl Vinyl ether
Concen: 251.852 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 63 Resp: 213481

Ion	Ratio	Lower	Upper
63	100		
106	28.3	22.4	33.6

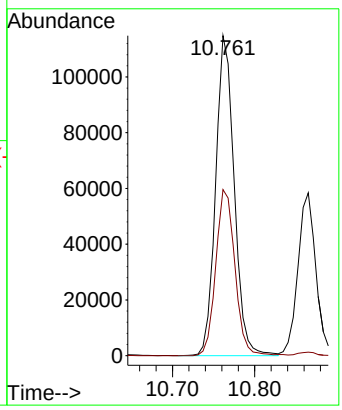




#59
2-Hexanone
Concen: 239.750 ug/l
RT: 10.761 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 43 Resp: 18045

Ion	Ratio	Lower	Upper
43	100		
58	53.5	28.1	84.3



Instrument :
MSVOA_Y
ClientSampleId :
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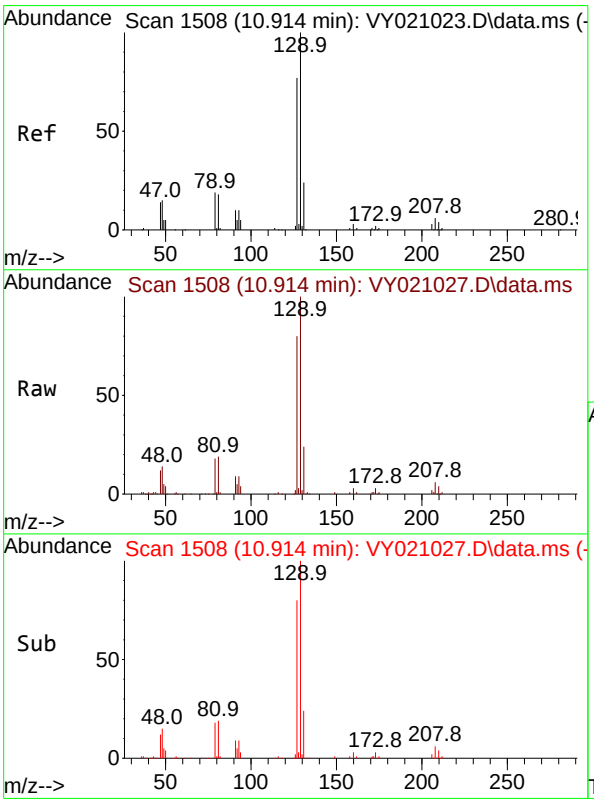
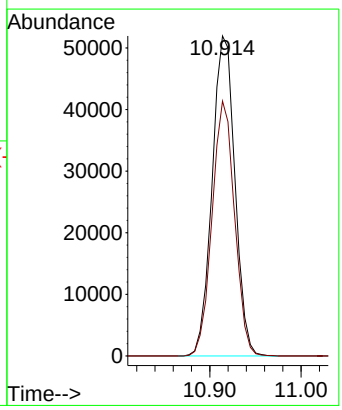
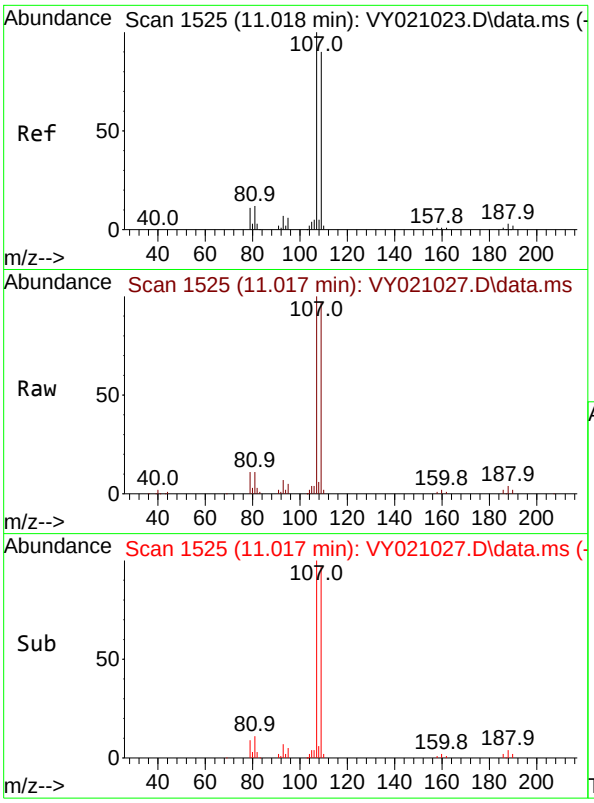


#60
Dibromochloromethane
Concen: 48.123 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:129 Resp: 90009

Ion	Ratio	Lower	Upper
129	100		
127	78.6	39.2	117.6

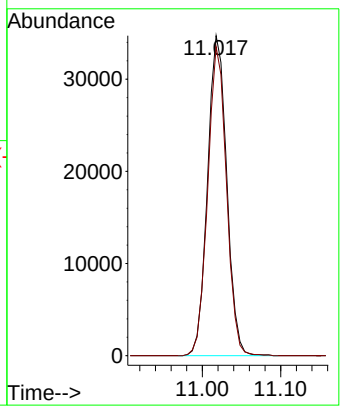




#61
1,2-Dibromoethane
Concen: 47.325 ug/l
RT: 11.017 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:107 Resp: 5903

Ion	Ratio	Lower	Upper
107	100		
109	94.5	75.4	113.2



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

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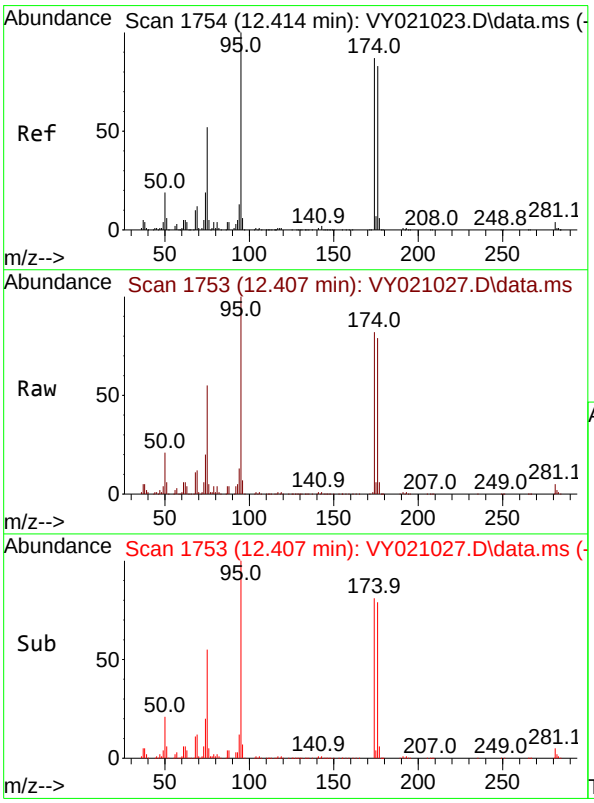
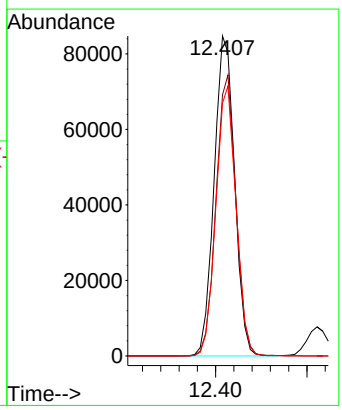
Supervised By :Semsettin Yesilyurt 02/04/2025

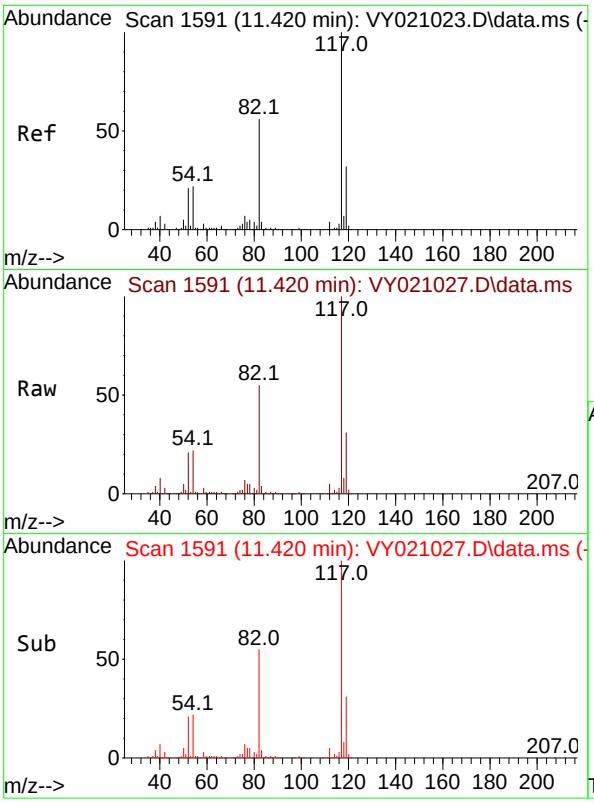


#62
4-Bromofluorobenzene
Concen: 58.919 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 95 Resp: 131943

Ion	Ratio	Lower	Upper
95	100		
174	85.5	0.0	160.0
176	83.2	0.0	151.8

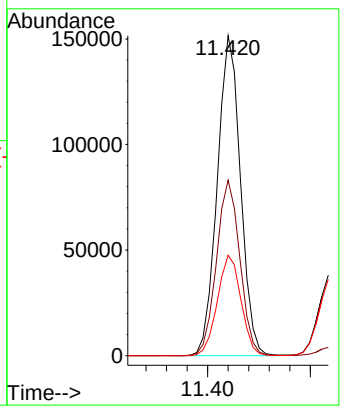




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:117 Resp: 23756

Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.8	65.8
119	31.4	26.5	39.7



Instrument :
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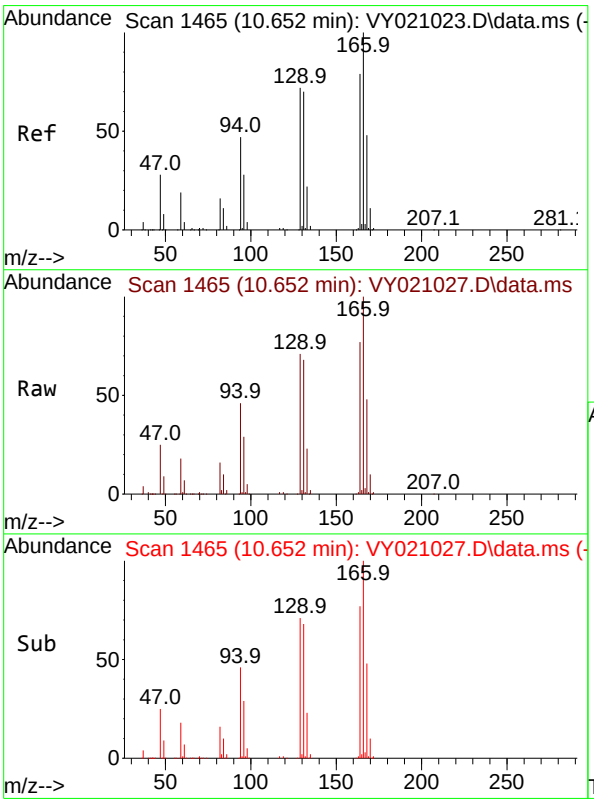
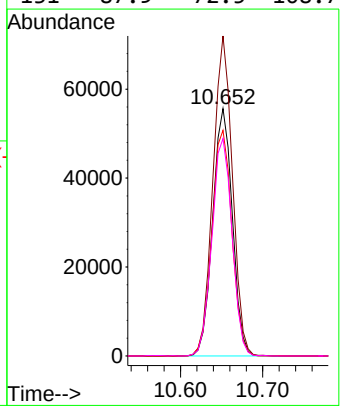
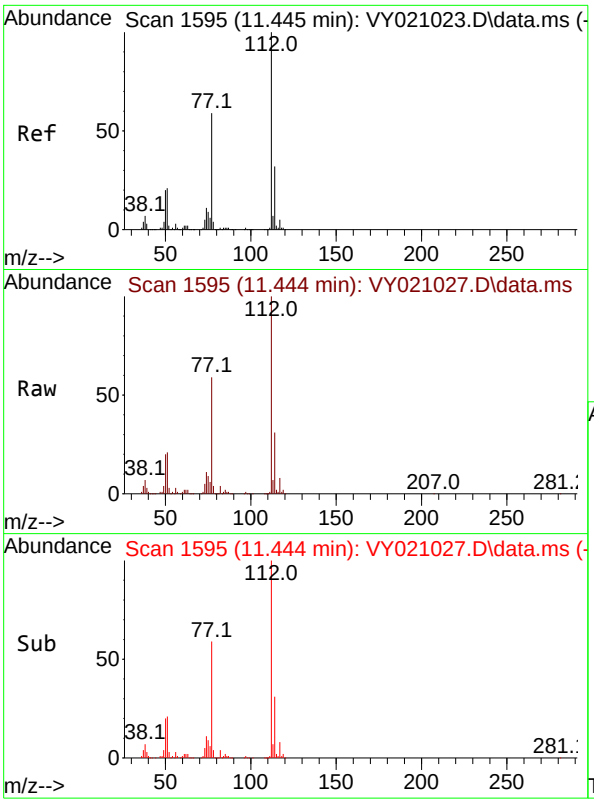


#64
Tetrachloroethene
Concen: 52.446 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:164 Resp: 92493

Ion	Ratio	Lower	Upper
164	100		
166	129.4	98.8	148.2
129	91.2	78.9	118.3
131	87.9	72.5	108.7

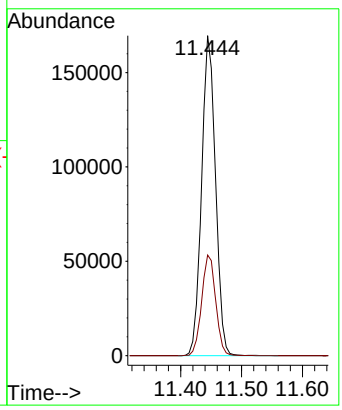




#65
Chlorobenzene
Concen: 50.766 ug/l
RT: 11.444 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:112 Resp: 26854

Ion	Ratio	Lower	Upper
112	100		
114	31.5	26.1	39.1



Instrument :
MSVOA_Y
ClientSampleId :
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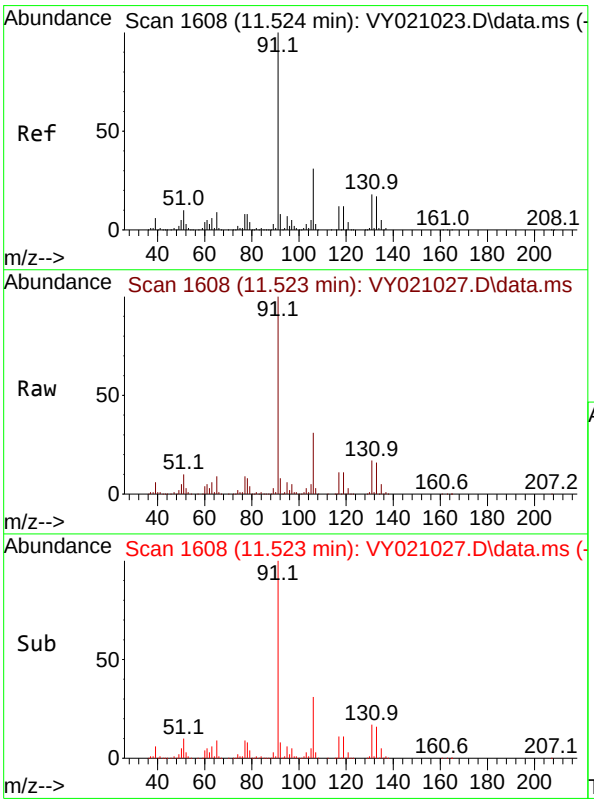
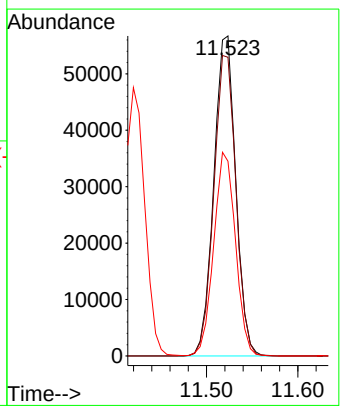
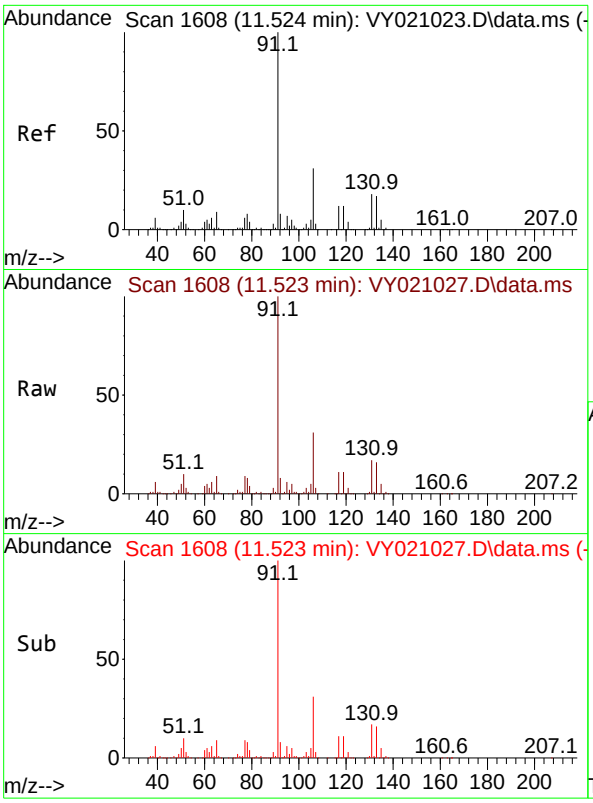


#66
1,1,1,2-Tetrachloroethane
Concen: 50.356 ug/l
RT: 11.523 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:131 Resp: 94662

Ion	Ratio	Lower	Upper
131	100		
133	94.7	47.0	141.0
119	63.3	33.3	99.9

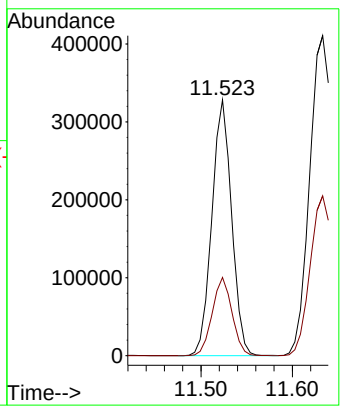




#67
Ethyl Benzene
Concen: 52.642 ug/l
RT: 11.523 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 91 Resp: 49253

Ion	Ratio	Lower	Upper
91	100		
106	30.6	25.0	37.4



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

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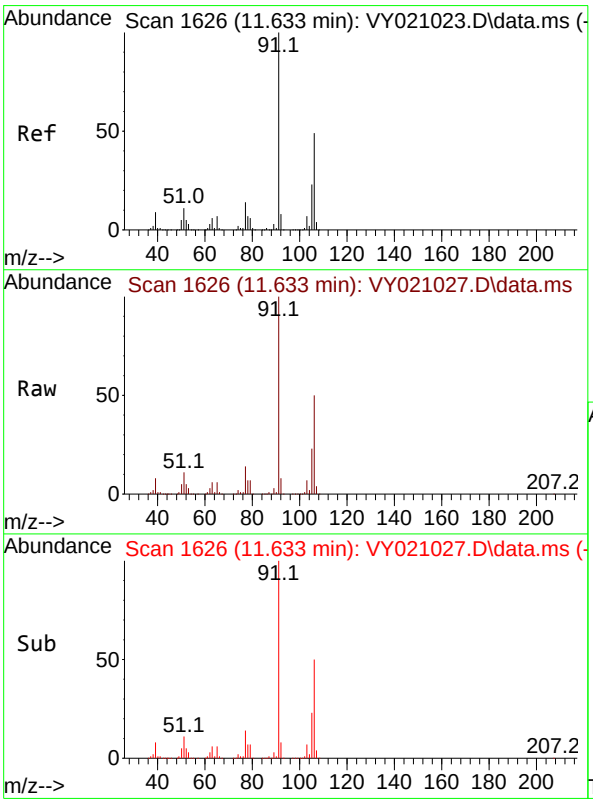
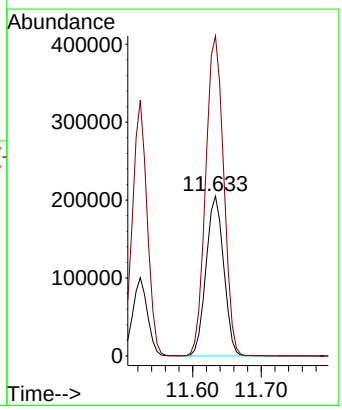
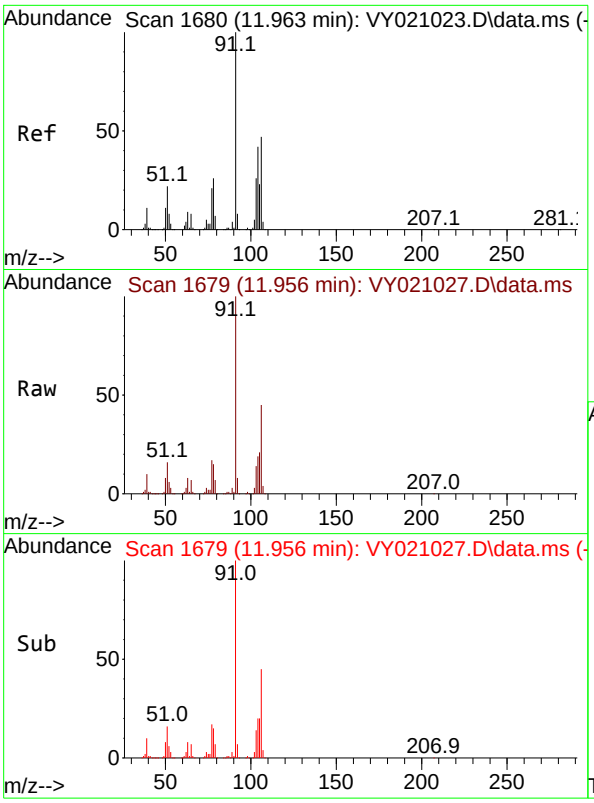


#68
m/p-Xylenes
Concen: 104.978 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:106 Resp: 367445

Ion	Ratio	Lower	Upper
106	100		
91	204.0	160.7	241.1

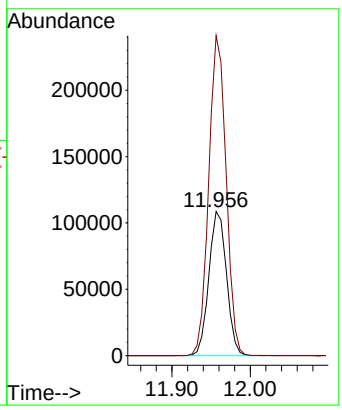




#69
o-Xylene
Concen: 52.062 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:106 Resp: 16989

Ion	Ratio	Lower	Upper
106	100		
91	218.5	106.5	319.5



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

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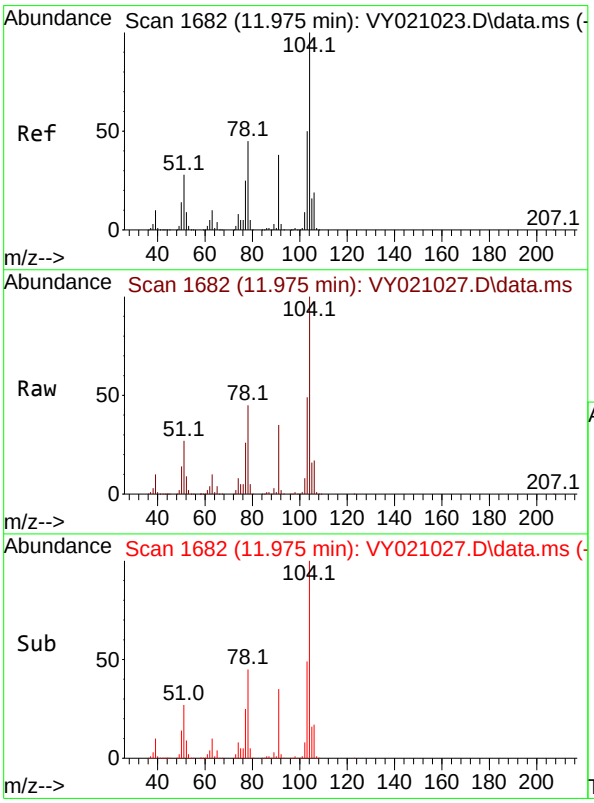
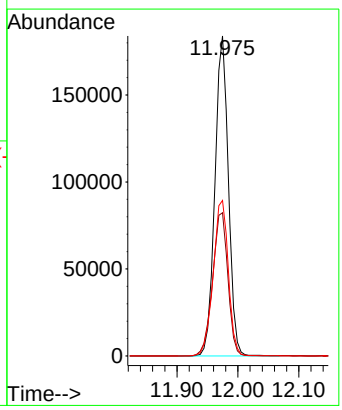
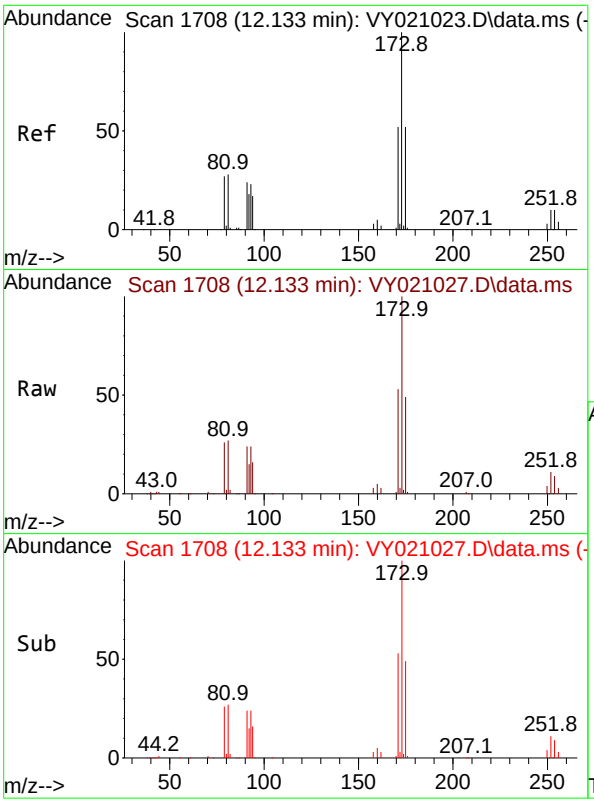


#70
Styrene
Concen: 52.009 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:104 Resp: 282879

Ion	Ratio	Lower	Upper
104	100		
78	50.8	39.2	58.8
103	54.5	43.8	65.6

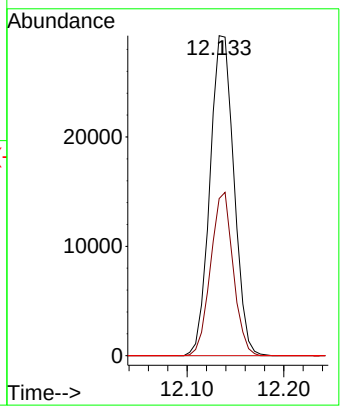




#71
Bromoform
Concen: 48.166 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:173 Resp: 5040

Ion	Ratio	Lower	Upper
173	100		
175	48.0	23.5	70.6
254	0.0	0.0	0.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

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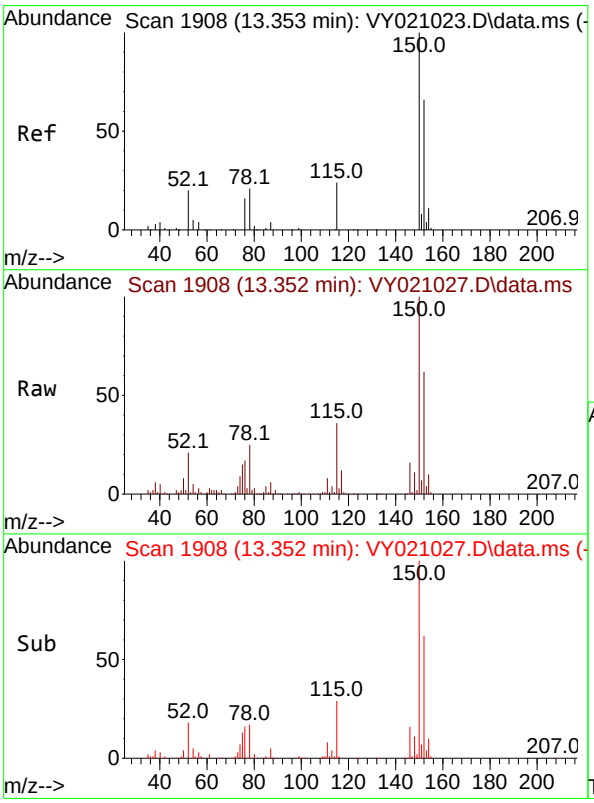
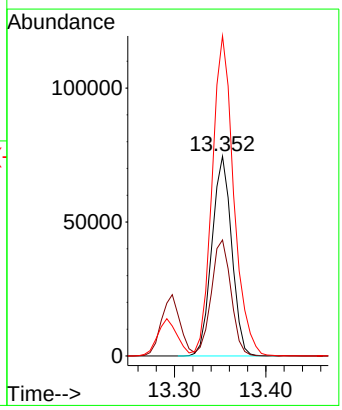
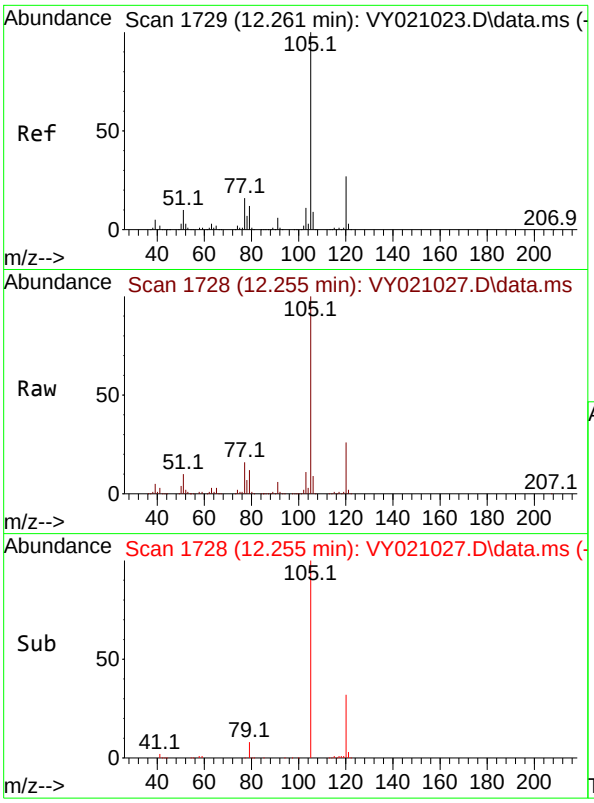


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:152 Resp: 112062

Ion	Ratio	Lower	Upper
152	100		
115	58.0	30.0	90.0
150	175.2	0.0	344.6

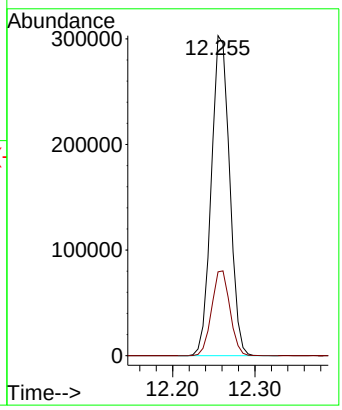




#73
Isopropylbenzene
Concen: 53.377 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:105 Resp: 46724

Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.0	39.0



Instrument :
MSVOA_Y
ClientSampleId :
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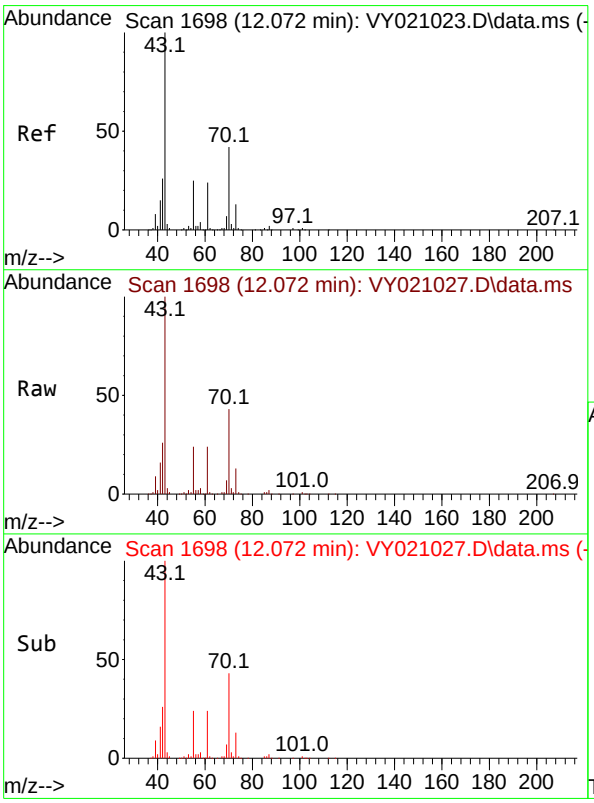
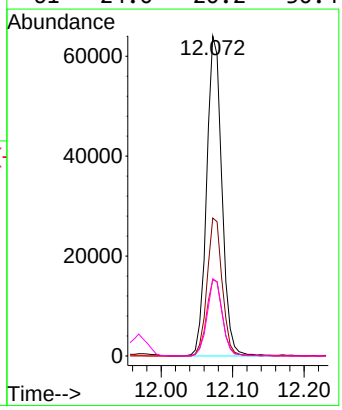
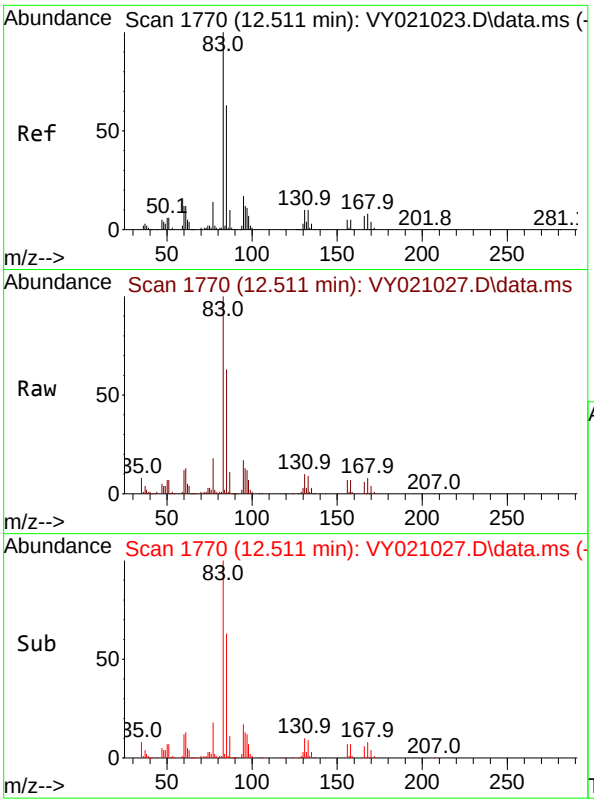


#74
N-amyl acetate
Concen: 49.483 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 43 Resp: 94701

Ion	Ratio	Lower	Upper
43	100		
70	42.8	36.6	55.0
55	24.9	22.2	33.4
61	24.0	20.2	30.4

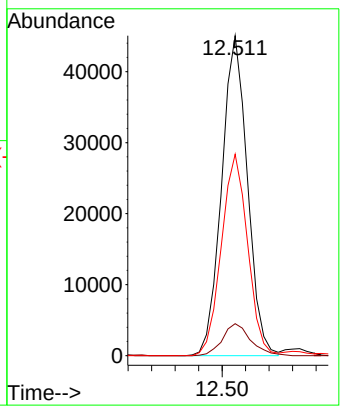




#75
1,1,2,2-Tetrachloroethane
Concen: 47.145 ug/l
RT: 12.511 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 83 Resp: 6863

Ion	Ratio	Lower	Upper
83	100		
131	10.9	4.9	14.6
85	64.0	32.6	98.0



Instrument :
MSVOA_Y
ClientSampleId :
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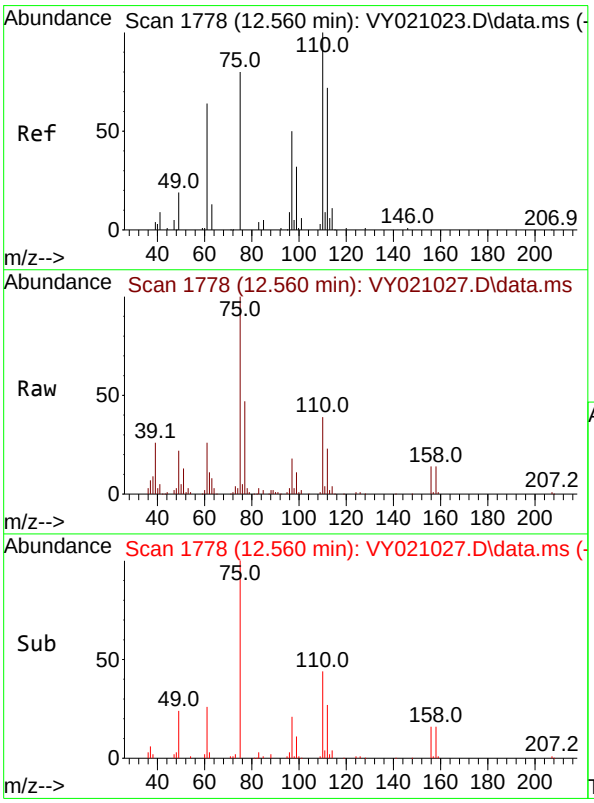
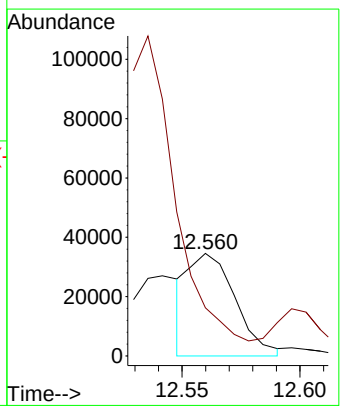
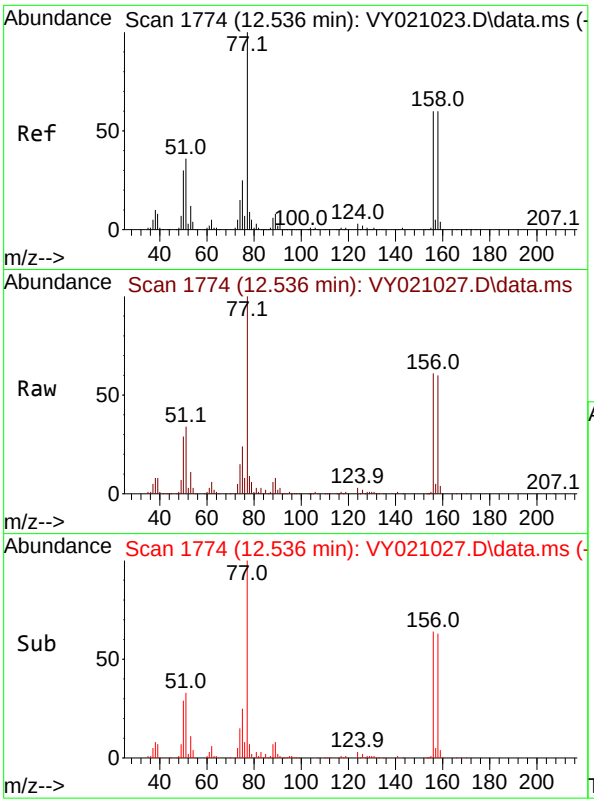


#76
1,2,3-Trichloropropane
Concen: 47.207 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 75 Resp: 47988

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

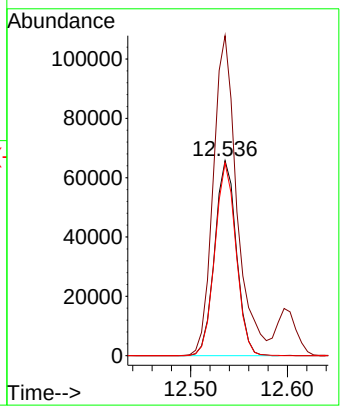




#77
Bromobenzene
Concen: 50.490 ug/l
RT: 12.536 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:156 Resp: 10199

Ion	Ratio	Lower	Upper
156	100		
77	179.9	97.3	291.8
158	96.9	48.4	145.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

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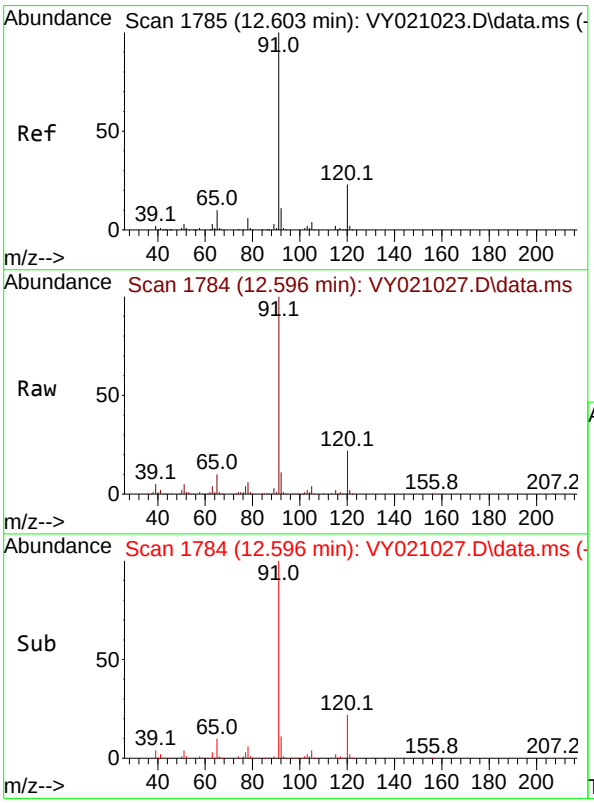
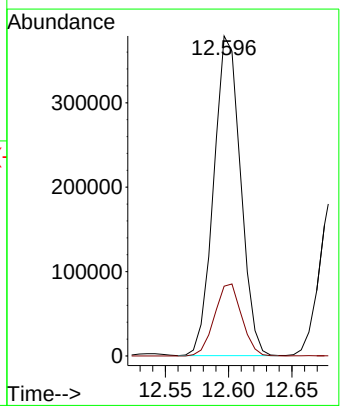
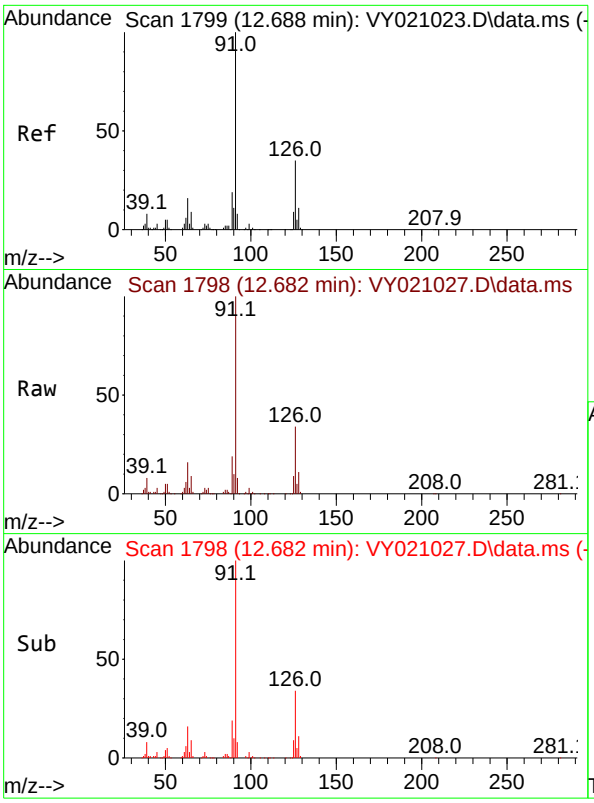


#78
n-propylbenzene
Concen: 53.513 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 91 Resp: 558013

Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.0	33.0

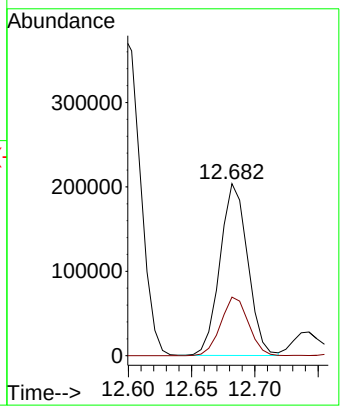




#79
2-Chlorotoluene
Concen: 51.922 ug/l
RT: 12.682 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 91 Resp: 31009

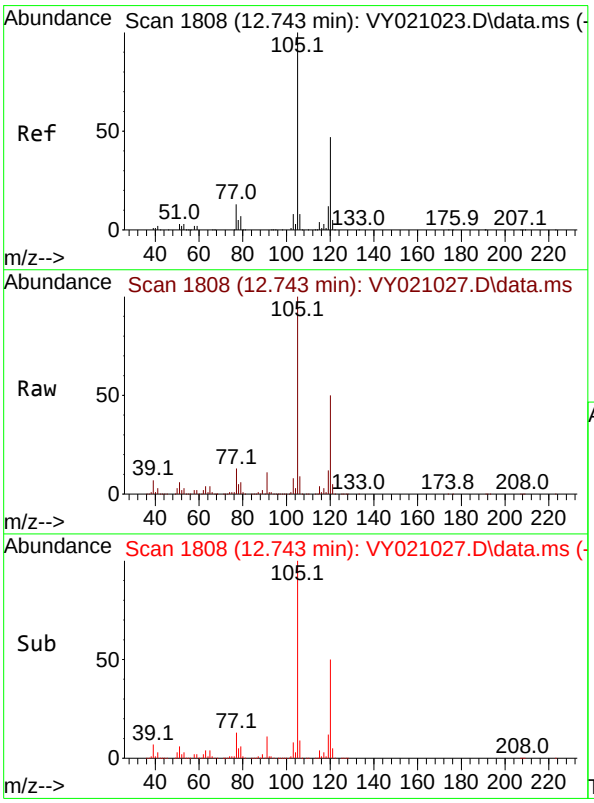
Ion	Ratio	Lower	Upper
91	100		
126	34.1	17.0	51.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Manual Integrations
APPROVED

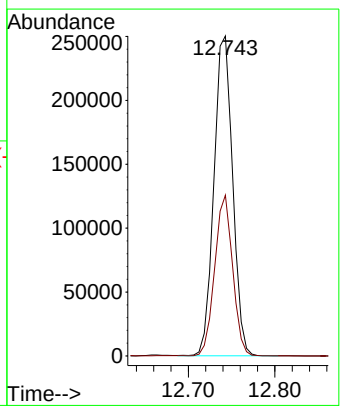
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

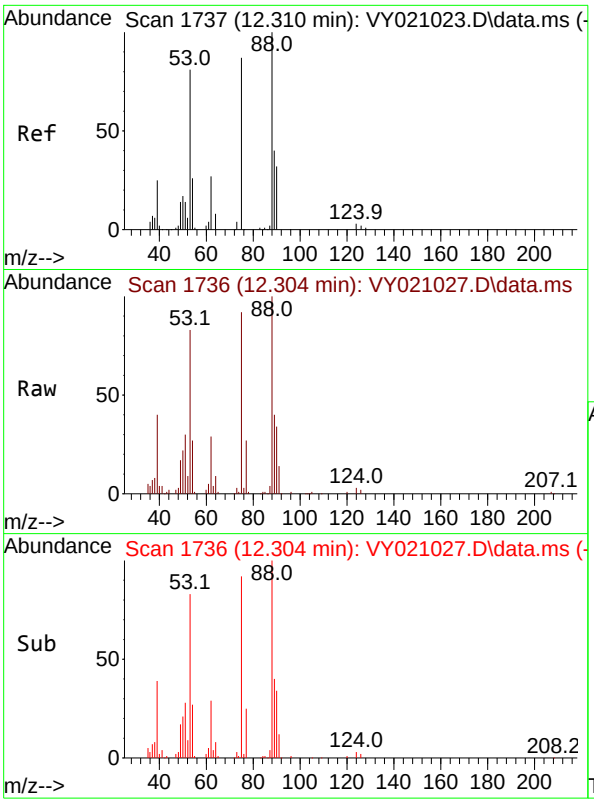


#80
1,3,5-Trimethylbenzene
Concen: 52.840 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:105 Resp: 375018

Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.3	72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 48.841 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 75 Resp: 2433

Ion	Ratio	Lower	Upper
75	100		
53	94.8	74.0	111.0
89	45.9	36.5	54.7

Instrument :
MSVOA_Y
ClientSampleId :
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Manual Integrations
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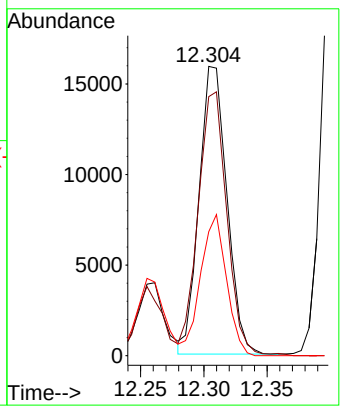
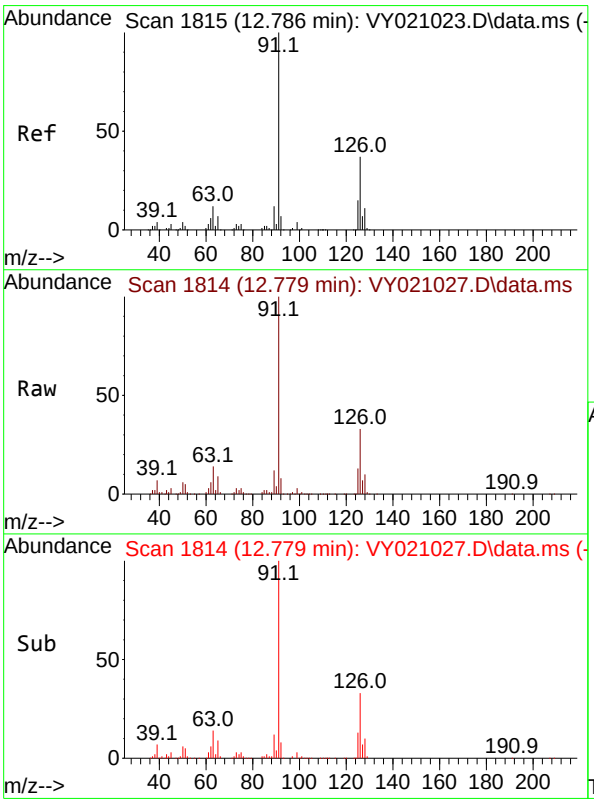
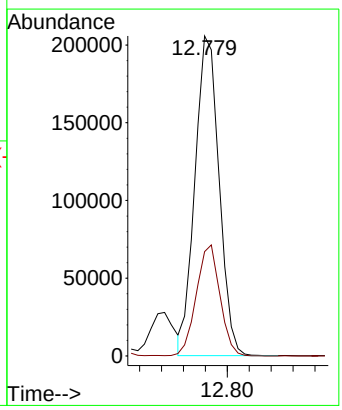


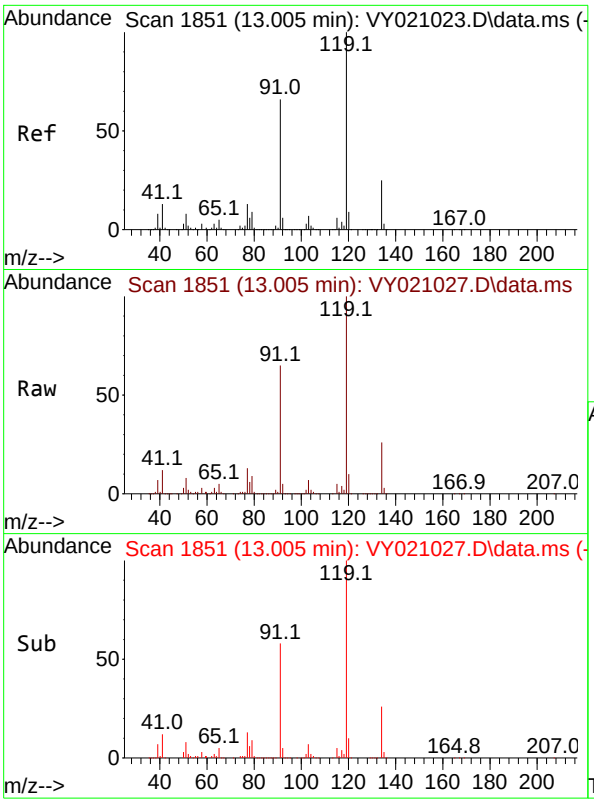


#82
4-Chlorotoluene
Concen: 51.594 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 91 Resp: 313949

Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.1	51.2

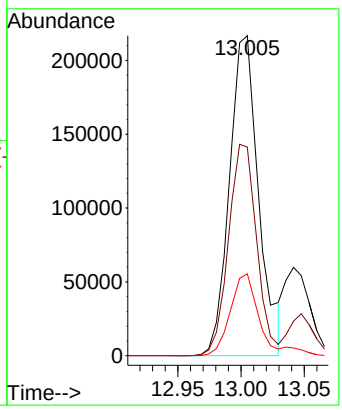




#83
tert-Butylbenzene
Concen: 53.952 ug/l
RT: 13.005 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:119 Resp: 34804

Ion	Ratio	Lower	Upper
119	100		
91	63.9	31.5	94.5
134	25.9	13.1	39.3



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Manual Integrations
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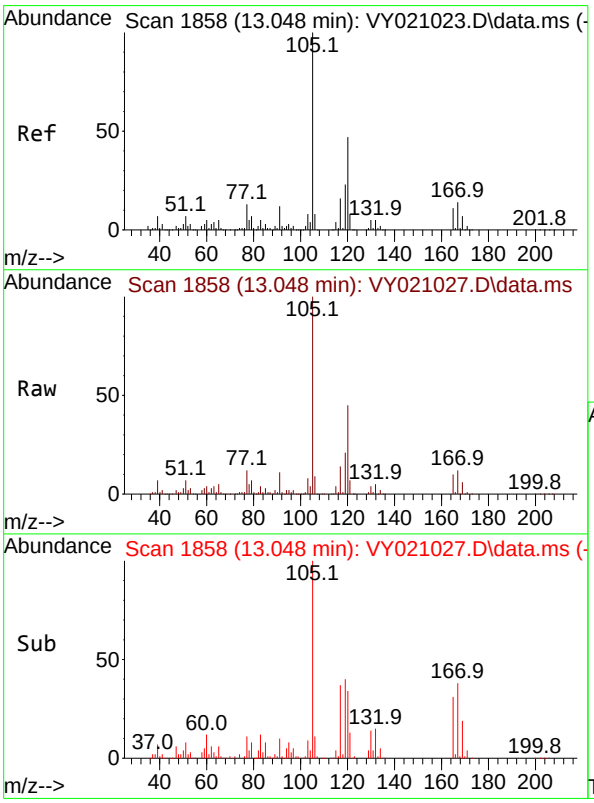
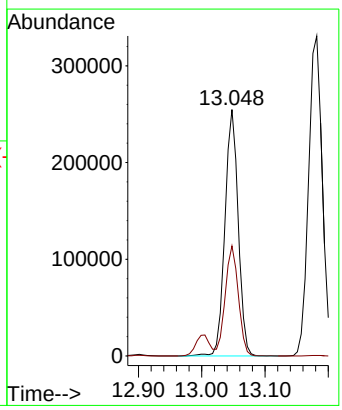
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

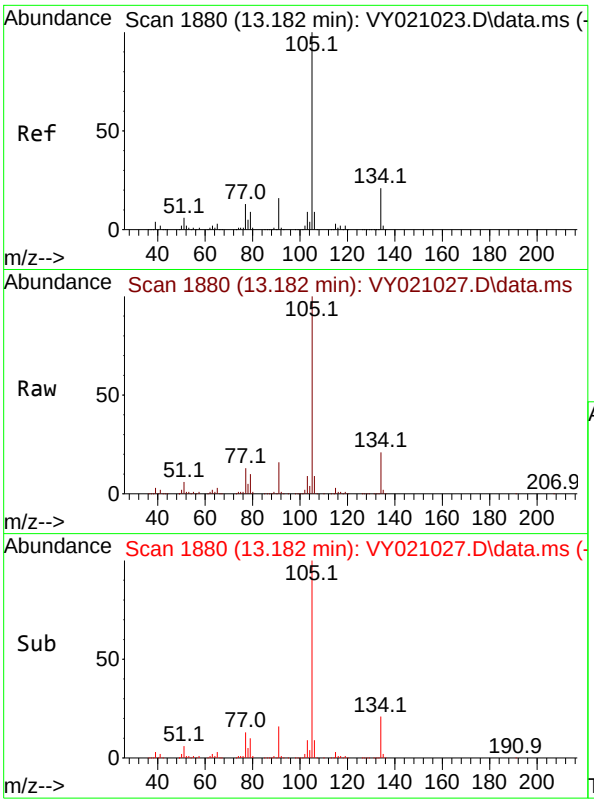


#84
1,2,4-Trimethylbenzene
Concen: 53.370 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:105 Resp: 370353

Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.1	66.3

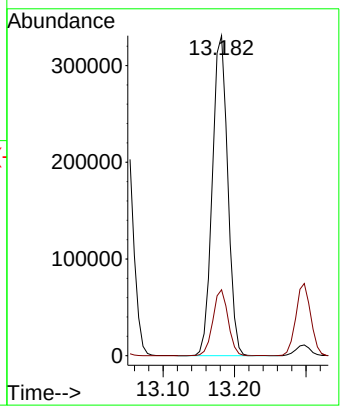




#85
sec-Butylbenzene
Concen: 53.301 ug/l
RT: 13.182 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:105 Resp: 49495

Ion	Ratio	Lower	Upper
105	100		
134	20.3	9.7	28.9



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

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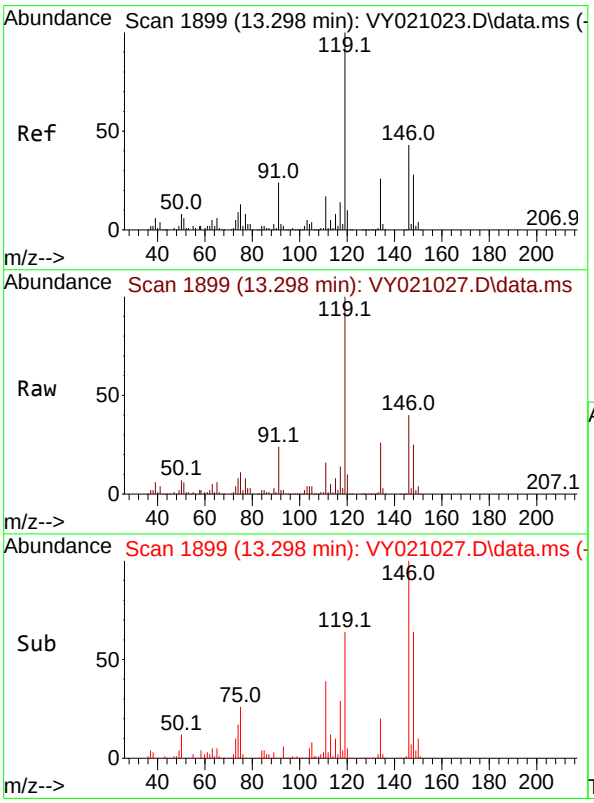
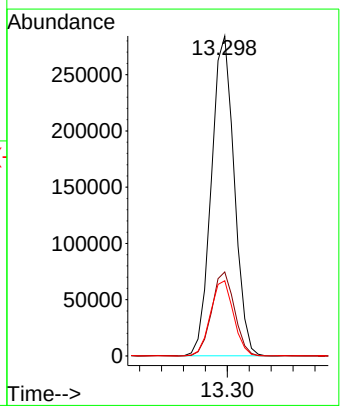
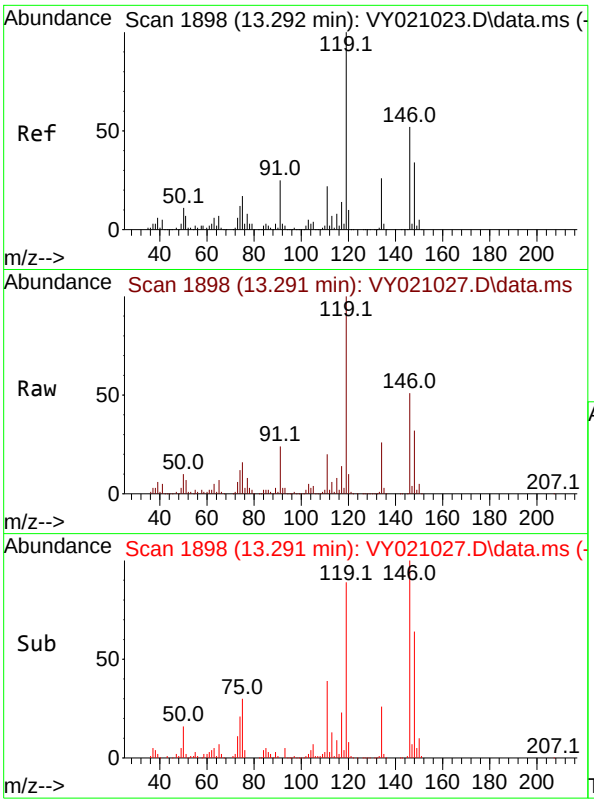


#86
p-Isopropyltoluene
Concen: 53.325 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:119 Resp: 411332

Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.1	39.1
91	23.7	11.7	35.0

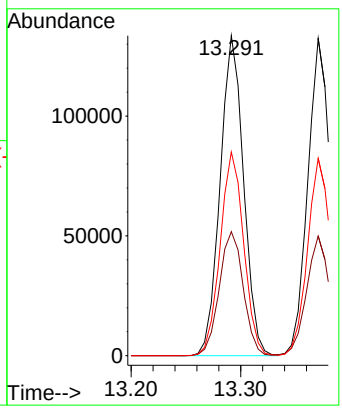




#87
1,3-Dichlorobenzene
Concen: 50.868 ug/l
RT: 13.291 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:146 Resp: 19840

Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.2	60.5
148	63.8	31.9	95.9



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Manual Integrations
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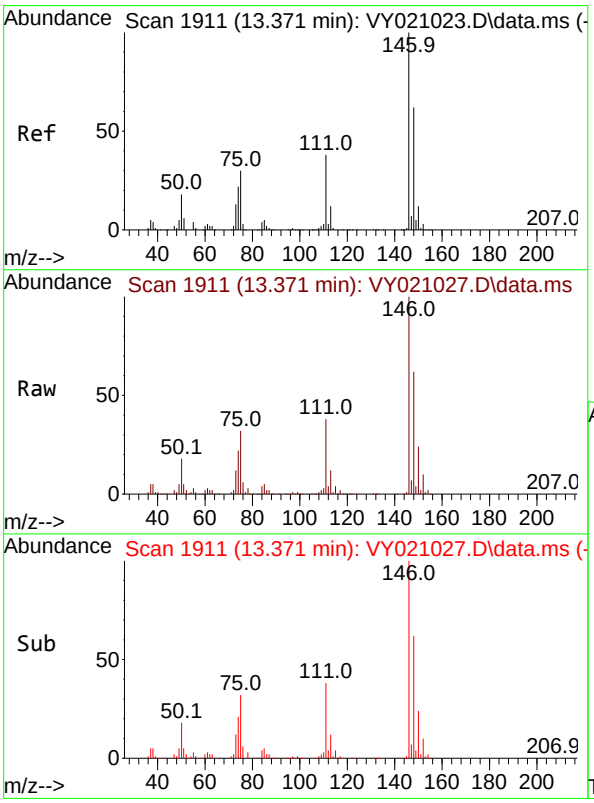
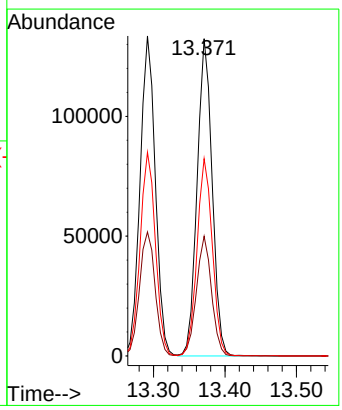
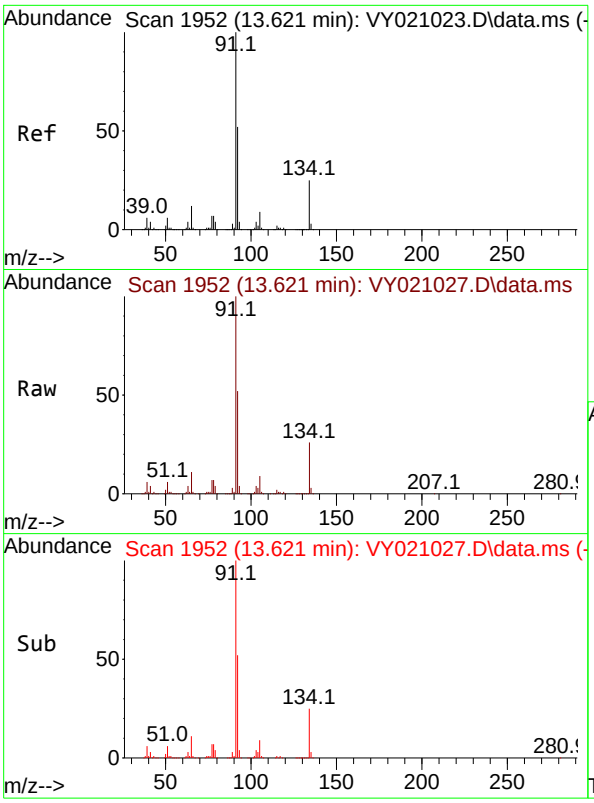


#88
1,4-Dichlorobenzene
Concen: 50.309 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:146 Resp: 193207

Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.3	57.9
148	63.4	31.6	94.7

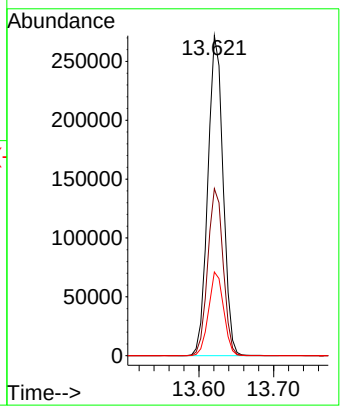




#89
n-Butylbenzene
Concen: 54.636 ug/l
RT: 13.621 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 91 Resp: 38447

Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.4	79.2
134	25.9	12.3	36.8



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Manual Integrations
APPROVED

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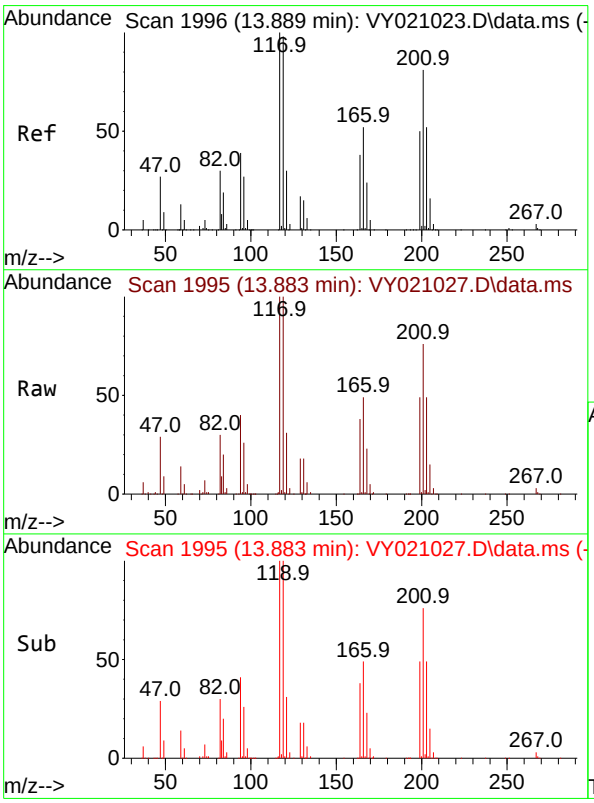
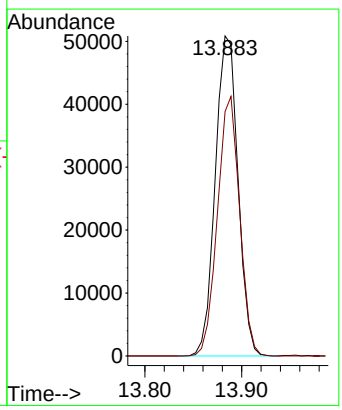
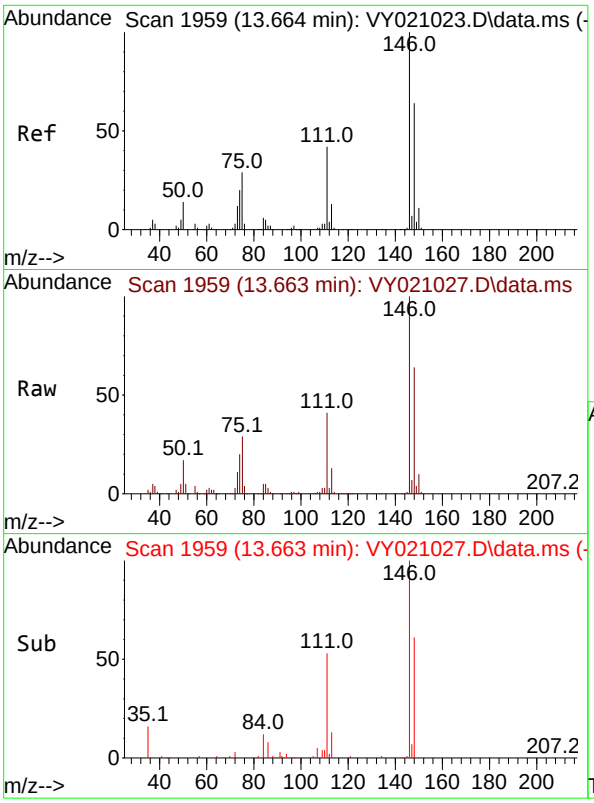


#90
Hexachloroethane
Concen: 51.521 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:117 Resp: 82908

Ion	Ratio	Lower	Upper
117	100		
201	79.2	33.4	100.1

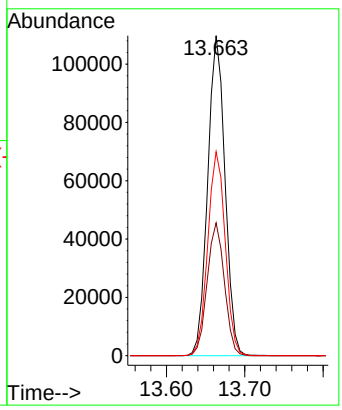




#91
1,2-Dichlorobenzene
Concen: 49.696 ug/l
RT: 13.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:146 Resp: 16823

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.5	61.6
148	64.3	31.4	94.3



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

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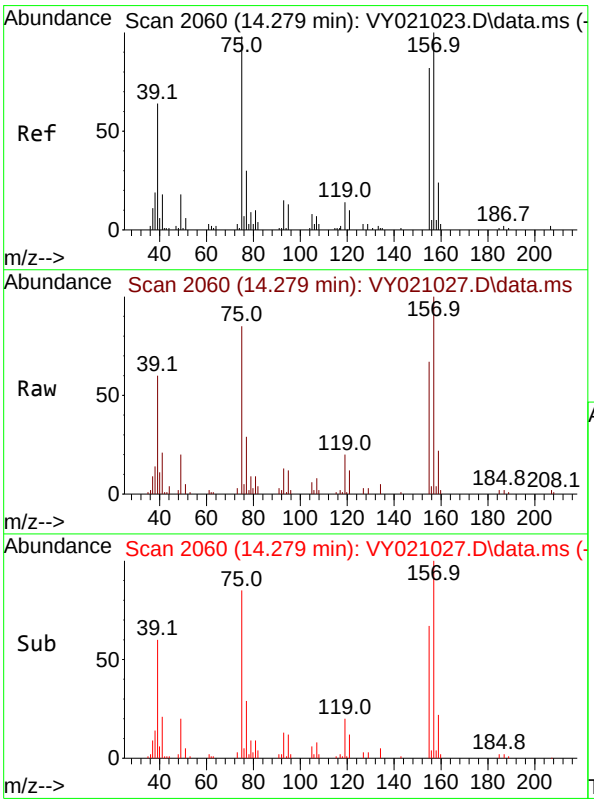
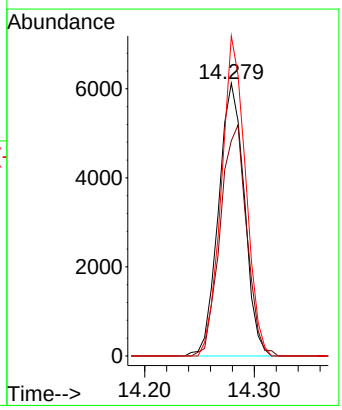
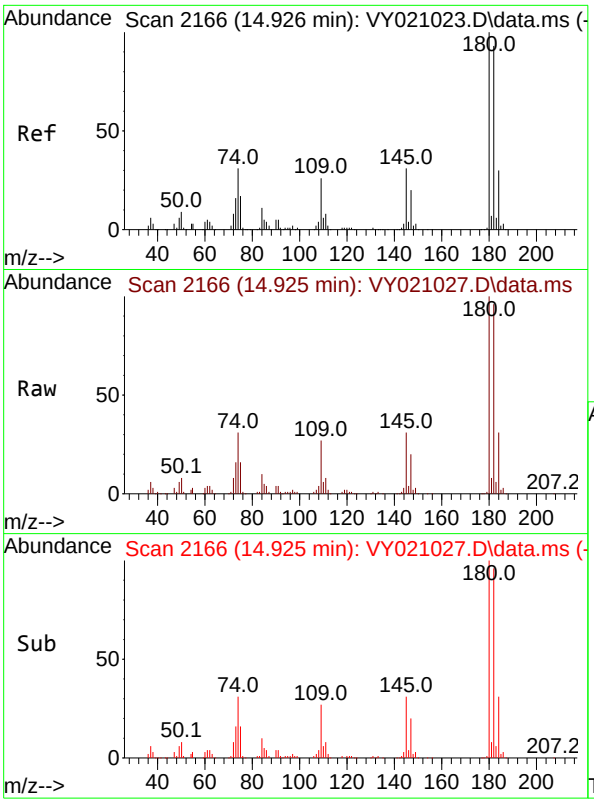


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.965 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 75 Resp: 10000

Ion	Ratio	Lower	Upper
75	100		
155	86.6	42.1	126.3
157	109.8	55.8	167.4

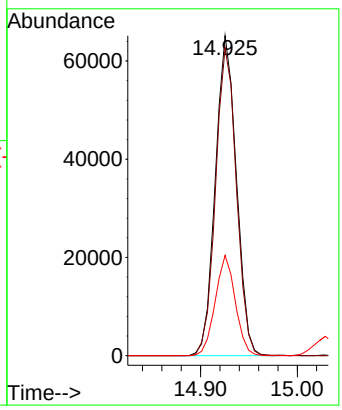




#93
1,2,4-Trichlorobenzene
Concen: 52.224 ug/l
RT: 14.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:180 Resp: 9840

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.9	143.7
145	29.9	15.9	47.7



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Manual Integrations APPROVED

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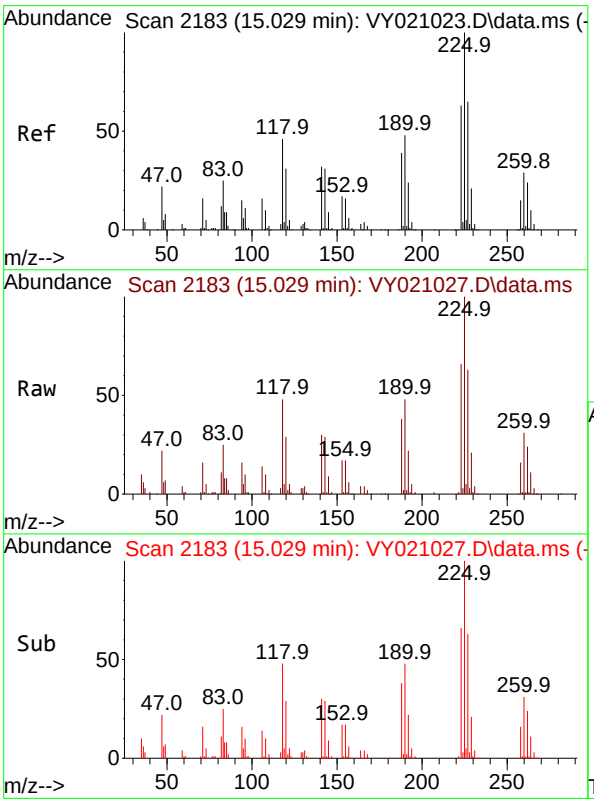
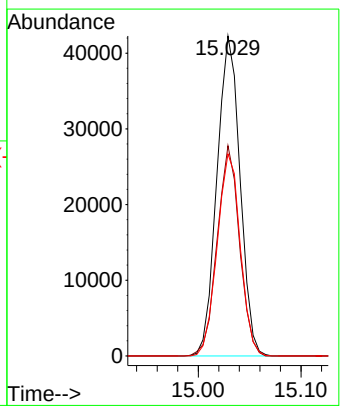
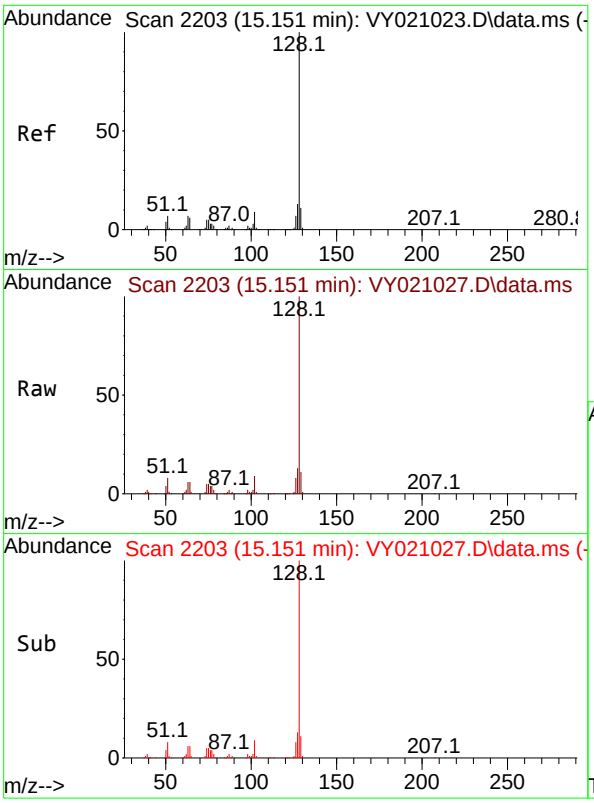


#94
Hexachlorobutadiene
Concen: 52.760 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:225 Resp: 65883

Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.4	94.3
227	63.0	32.3	96.8

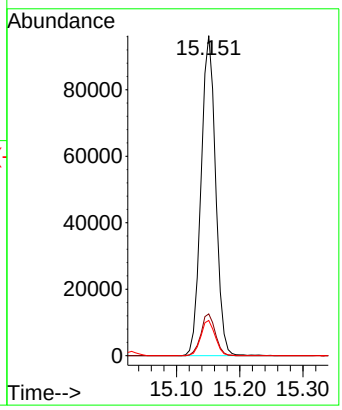




#95
Naphthalene
Concen: 51.245 ug/l
RT: 15.151 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:128 Resp: 15449

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.9	8.6	12.8



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Manual Integrations
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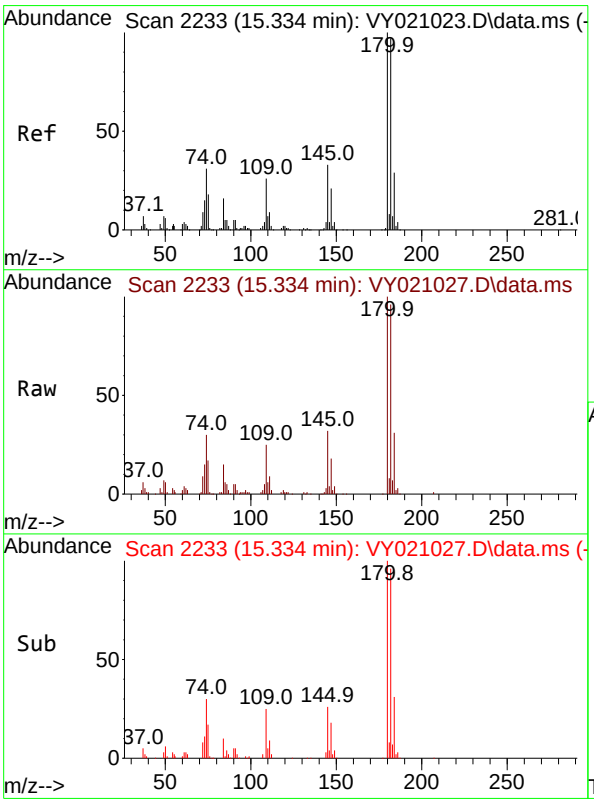
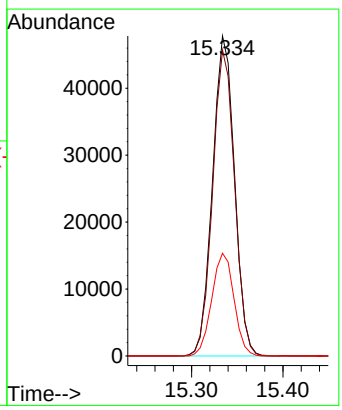


#96
1,2,3-Trichlorobenzene
Concen: 50.882 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:180 Resp: 79793

Ion	Ratio	Lower	Upper
180	100		
182	95.6	46.3	138.8
145	32.5	16.1	48.2



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Data File : VY021027.D
Acq On : 03 Feb 2025 13:37
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Quant Time: Feb 04 00:48:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	101	0.00
2	T	Dichlorodifluoromethane	0.446	0.466	-4.5	105	0.00
3	P	Chloromethane	0.440	0.457	-3.9	109	0.00
4	C	Vinyl Chloride	0.443	0.452	-2.0#	107	0.00
5	T	Bromomethane	0.274	0.288	-5.1	112	0.00
6	T	Chloroethane	0.263	0.263	0.0	104	0.00
7	T	Trichlorofluoromethane	0.806	0.836	-3.7	107	0.00
8	T	Diethyl Ether	0.252	0.235	6.7	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.506	0.521	-3.0	106	0.00
10	T	Methyl Iodide	0.562	0.549	2.3	94	0.00
11	T	Tert butyl alcohol	0.035	0.030	14.3	94	-0.01
12	CM	1,1-Dichloroethene	0.477	0.494	-3.6#	106	0.00
13	T	Acrolein	0.053	0.050	5.7	97	0.00
14	T	Allyl chloride	0.803	0.814	-1.4	102	0.00
15	T	Acrylonitrile	0.105	0.097	7.6	91	0.00
16	T	Acetone	0.080	0.078	2.5	101	-0.01
17	T	Carbon Disulfide	1.495	1.555	-4.0	106	0.00
18	T	Methyl Acetate	0.280	0.258	7.9	90	0.00
19	T	Methyl tert-butyl Ether	1.205	1.146	4.9	95	0.00
20	T	Methylene Chloride	0.497	0.491	1.2	102	0.00
21	T	trans-1,2-Dichloroethene	0.525	0.530	-1.0	102	0.00
22	T	Diisopropyl ether	1.656	1.636	1.2	99	0.00
23	T	Vinyl Acetate	0.923	0.880	4.7	93	0.00
24	P	1,1-Dichloroethane	0.970	0.967	0.3	103	0.00
25	T	2-Butanone	0.131	0.123	6.1	91	0.00
26	T	2,2-Dichloropropane	0.898	0.912	-1.6	105	0.00
27	T	cis-1,2-Dichloroethene	0.604	0.601	0.5	101	0.00
28	T	Bromochloromethane	0.384	0.420	-9.4	102	0.00
29	T	Tetrahydrofuran	0.089	0.081	9.0	89	0.00
30	C	Chloroform	0.997	0.974	2.3#	100	0.00
31	T	Cyclohexane	0.874	0.875	-0.1	106	0.00
32	T	1,1,1-Trichloroethane	0.927	0.938	-1.2	103	0.00
33	S	1,2-Dichloroethane-d4	0.512	0.559	-9.2	112	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35	S	Dibromofluoromethane	0.320	0.370	-15.6	116	0.00
36	T	1,1-Dichloropropene	0.475	0.500	-5.3	106	0.00
37	T	Ethyl Acetate	0.208	0.196	5.8	91	0.00
38	T	Carbon Tetrachloride	0.555	0.574	-3.4	103	0.00
39	T	Methylcyclohexane	0.581	0.628	-8.1	105	0.00
40	TM	Benzene	1.393	1.422	-2.1	101	0.00
41	T	Methacrylonitrile	0.120	0.104	13.3	92	0.00
42	TM	1,2-Dichloroethane	0.386	0.370	4.1	96	0.00
43	T	Isopropyl Acetate	0.414	0.393	5.1	92	0.00
44	TM	Trichloroethene	0.360	0.365	-1.4	103	0.00
45	C	1,2-Dichloropropane	0.331	0.328	0.9#	99	0.00
46	T	Dibromomethane	0.183	0.172	6.0	93	0.00
47	T	Bromodichloromethane	0.491	0.479	2.4	98	0.00
48	T	Methyl methacrylate	0.188	0.187	0.5	96	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021027.D
Acq On : 03 Feb 2025 13:37
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Quant Time: Feb 04 00:48:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	96	0.00
50	S	Toluene-d8	1.220	1.463	-19.9	120	0.00
51	T	4-Methyl-2-Pentanone	0.208	0.197	5.3	90	0.00
52	CM	Toluene	0.875	0.894	-2.2#	100	0.00
53	T	t-1,3-Dichloropropene	0.441	0.440	0.2	96	0.00
54	T	cis-1,3-Dichloropropene	0.522	0.528	-1.1	99	0.00
55	T	1,1,2-Trichloroethane	0.237	0.222	6.3	93	0.00
56	T	Ethyl methacrylate	0.317	0.311	1.9	91	0.00
57	T	1,3-Dichloropropane	0.410	0.394	3.9	94	0.00
58	T	2-Chloroethyl Vinyl ether	0.151	0.152	-0.7	95	0.00
59	T	2-Hexanone	0.134	0.128	4.5	88	0.00
60	T	Dibromochloromethane	0.333	0.320	3.9	96	0.00
61	T	1,2-Dibromoethane	0.222	0.210	5.4	92	0.00
62	S	4-Bromofluorobenzene	0.399	0.470	-17.8	115	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64	T	Tetrachloroethene	0.371	0.389	-4.9	103	0.00
65	PM	Chlorobenzene	1.113	1.130	-1.5	99	0.00
66	T	1,1,1,2-Tetrachloroethane	0.396	0.398	-0.5	99	0.00
67	C	Ethyl Benzene	1.969	2.073	-5.3#	101	0.00
68	T	m/p-Xylenes	0.737	0.773	-4.9	100	0.00
69	T	o-Xylene	0.687	0.715	-4.1	100	0.00
70	T	Styrene	1.145	1.191	-4.0	98	0.00
71	P	Bromoform	0.220	0.212	3.6	93	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73	T	Isopropylbenzene	3.906	4.170	-6.8	101	0.00
74	T	N-amyl acetate	0.854	0.845	1.1	88	0.00
75	P	1,1,2,2-Tetrachloroethane	0.650	0.612	5.8	90	0.00
76	T	1,2,3-Trichloropropane	0.454	0.428	5.7	86	0.00
77	T	Bromobenzene	0.901	0.910	-1.0	98	0.00
78	T	n-propylbenzene	4.653	4.980	-7.0	101	0.00
79	T	2-Chlorotoluene	2.665	2.767	-3.8	99	0.00
80	T	1,3,5-Trimethylbenzene	3.167	3.347	-5.7	100	0.00
81	T	trans-1,4-Dichloro-2-butene	0.222	0.217	2.3	90	0.00
82	T	4-Chlorotoluene	2.715	2.802	-3.2	99	0.00
83	T	tert-Butylbenzene	2.878	3.106	-7.9	100	0.00
84	T	1,2,4-Trimethylbenzene	3.096	3.305	-6.8	100	0.00
85	T	sec-Butylbenzene	4.143	4.417	-6.6	101	0.00
86	T	p-Isopropyltoluene	3.442	3.671	-6.7	99	0.00
87	T	1,3-Dichlorobenzene	1.740	1.770	-1.7	97	0.00
88	T	1,4-Dichlorobenzene	1.714	1.724	-0.6	96	0.00
89	T	n-Butylbenzene	3.140	3.431	-9.3	101	0.00
90	T	Hexachloroethane	0.718	0.740	-3.1	98	0.00
91	T	1,2-Dichlorobenzene	1.510	1.501	0.6	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.097	0.089	8.2	85	0.00
93	T	1,2,4-Trichlorobenzene	0.841	0.878	-4.4	93	0.00
94	T	Hexachlorobutadiene	0.557	0.588	-5.6	98	0.00
95	T	Naphthalene	1.345	1.379	-2.5	86	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021027.D
Acq On : 03 Feb 2025 13:37
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Quant Time: Feb 04 00:48:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.700	0.712	-1.7	90	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021027.D
Acq On : 03 Feb 2025 13:37
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Quant Time: Feb 04 00:48:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	101	0.00
2	T	Dichlorodifluoromethane	50.000	52.290	-4.6	105	0.00
3	P	Chloromethane	50.000	52.006	-4.0	109	0.00
4	C	Vinyl Chloride	50.000	51.058	-2.1#	107	0.00
5	T	Bromomethane	50.000	52.624	-5.2	112	0.00
6	T	Chloroethane	50.000	49.925	0.2	104	0.00
7	T	Trichlorofluoromethane	50.000	51.864	-3.7	107	0.00
8	T	Diethyl Ether	50.000	46.708	6.6	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.507	-3.0	106	0.00
10	T	Methyl Iodide	50.000	48.858	2.3	94	0.00
11	T	Tert butyl alcohol	250.000	214.161	14.3	94	-0.01
12	CM	1,1-Dichloroethene	50.000	51.810	-3.6#	106	0.00
13	T	Acrolein	250.000	235.305	5.9	97	0.00
14	T	Allyl chloride	50.000	50.663	-1.3	102	0.00
15	T	Acrylonitrile	250.000	230.328	7.9	91	0.00
16	T	Acetone	250.000	243.997	2.4	101	-0.01
17	T	Carbon Disulfide	50.000	52.004	-4.0	106	0.00
18	T	Methyl Acetate	50.000	46.031	7.9	90	0.00
19	T	Methyl tert-butyl Ether	50.000	47.538	4.9	95	0.00
20	T	Methylene Chloride	50.000	49.414	1.2	102	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.506	-1.0	102	0.00
22	T	Diisopropyl ether	50.000	49.407	1.2	99	0.00
23	T	Vinyl Acetate	250.000	238.370	4.7	93	0.00
24	P	1,1-Dichloroethane	50.000	49.806	0.4	103	0.00
25	T	2-Butanone	250.000	233.503	6.6	91	0.00
26	T	2,2-Dichloropropane	50.000	50.791	-1.6	105	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.785	0.4	101	0.00
28	T	Bromochloromethane	50.000	54.731	-9.5	102	0.00
29	T	Tetrahydrofuran	250.000	228.139	8.7	89	0.00
30	C	Chloroform	50.000	48.846	2.3#	100	0.00
31	T	Cyclohexane	50.000	50.051	-0.1	106	0.00
32	T	1,1,1-Trichloroethane	50.000	50.620	-1.2	103	0.00
33	S	1,2-Dichloroethane-d4	50.000	54.604	-9.2	112	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35	S	Dibromofluoromethane	50.000	57.790	-15.6	116	0.00
36	T	1,1-Dichloropropene	50.000	52.625	-5.3	106	0.00
37	T	Ethyl Acetate	50.000	47.006	6.0	91	0.00
38	T	Carbon Tetrachloride	50.000	51.711	-3.4	103	0.00
39	T	Methylcyclohexane	50.000	54.123	-8.2	105	0.00
40	TM	Benzene	50.000	51.052	-2.1	101	0.00
41	T	Methacrylonitrile	50.000	43.131	13.7	92	0.00
42	TM	1,2-Dichloroethane	50.000	47.910	4.2	96	0.00
43	T	Isopropyl Acetate	50.000	47.523	5.0	92	0.00
44	TM	Trichloroethene	50.000	50.777	-1.6	103	0.00
45	C	1,2-Dichloropropane	50.000	49.666	0.7#	99	0.00
46	T	Dibromomethane	50.000	46.914	6.2	93	0.00
47	T	Bromodichloromethane	50.000	48.799	2.4	98	0.00
48	T	Methyl methacrylate	50.000	49.560	0.9	96	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021027.D
Acq On : 03 Feb 2025 13:37
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Quant Time: Feb 04 00:48:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1001.398	-0.1	96	0.00
50	S	Toluene-d8	50.000	59.966	-19.9	120	0.00
51	T	4-Methyl-2-Pentanone	250.000	236.615	5.4	90	0.00
52	CM	Toluene	50.000	51.135	-2.3#	100	0.00
53	T	t-1,3-Dichloropropene	50.000	49.950	0.1	96	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.550	-1.1	99	0.00
55	T	1,1,2-Trichloroethane	50.000	46.820	6.4	93	0.00
56	T	Ethyl methacrylate	50.000	49.082	1.8	91	0.00
57	T	1,3-Dichloropropane	50.000	47.980	4.0	94	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	251.852	-0.7	95	0.00
59	T	2-Hexanone	250.000	239.750	4.1	88	0.00
60	T	Dibromochloromethane	50.000	48.123	3.8	96	0.00
61	T	1,2-Dibromoethane	50.000	47.325	5.3	92	0.00
62	S	4-Bromofluorobenzene	50.000	58.919	-17.8	115	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64	T	Tetrachloroethene	50.000	52.446	-4.9	103	0.00
65	PM	Chlorobenzene	50.000	50.766	-1.5	99	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.356	-0.7	99	0.00
67	C	Ethyl Benzene	50.000	52.642	-5.3#	101	0.00
68	T	m/p-Xylenes	100.000	104.978	-5.0	100	0.00
69	T	o-Xylene	50.000	52.062	-4.1	100	0.00
70	T	Styrene	50.000	52.009	-4.0	98	0.00
71	P	Bromoform	50.000	48.166	3.7	93	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73	T	Isopropylbenzene	50.000	53.377	-6.8	101	0.00
74	T	N-amyl acetate	50.000	49.483	1.0	88	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.145	5.7	90	0.00
76	T	1,2,3-Trichloropropane	50.000	47.207	5.6	86	0.00
77	T	Bromobenzene	50.000	50.490	-1.0	98	0.00
78	T	n-propylbenzene	50.000	53.513	-7.0	101	0.00
79	T	2-Chlorotoluene	50.000	51.922	-3.8	99	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.840	-5.7	100	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.841	2.3	90	0.00
82	T	4-Chlorotoluene	50.000	51.594	-3.2	99	0.00
83	T	tert-Butylbenzene	50.000	53.952	-7.9	100	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.370	-6.7	100	0.00
85	T	sec-Butylbenzene	50.000	53.301	-6.6	101	0.00
86	T	p-Isopropyltoluene	50.000	53.325	-6.7	99	0.00
87	T	1,3-Dichlorobenzene	50.000	50.868	-1.7	97	0.00
88	T	1,4-Dichlorobenzene	50.000	50.309	-0.6	96	0.00
89	T	n-Butylbenzene	50.000	54.636	-9.3	101	0.00
90	T	Hexachloroethane	50.000	51.521	-3.0	98	0.00
91	T	1,2-Dichlorobenzene	50.000	49.696	0.6	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.965	8.1	85	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.224	-4.4	93	0.00
94	T	Hexachlorobutadiene	50.000	52.760	-5.5	98	0.00
95	T	Naphthalene	50.000	51.245	-2.5	86	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021027.D
Acq On : 03 Feb 2025 13:37
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Quant Time: Feb 04 00:48:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.882	-1.8	90	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 ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG No.: Q1383

Instrument ID: MSVOA_Y Calibration Date(s): 02/25/2025 02/25/2025

Heated Purge: (Y/N) Y Calibration Time(s): 12:40 16:49

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY021309.D RRF010 = VY021310.D RRF020 = VY021311.D
RRF050 = VY021312.D RRF150 = VY021314.D RRF100 = VY021316.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF150	RRF100	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.510	0.484	0.431	0.493	0.480	0.447	0.474	6.2
Chloromethane	0.709	0.628	0.566	0.602	0.597	0.570	0.612	8.6
Vinyl Chloride	0.648	0.591	0.554	0.627	0.606	0.580	0.601	5.6
Bromomethane	0.505	0.414	0.361	0.387	0.371	0.359	0.399	13.9
Chloroethane	0.414	0.365	0.347	0.390	0.365	0.355	0.373	6.7
Tetrahydrofuran	0.105	0.100	0.106	0.115	0.114	0.104	0.107	5.4
Trichlorofluoromethane	0.976	0.915	0.838	0.936	0.909	0.870	0.908	5.3
1,1,2-Trichlorotrifluoroethane	0.546	0.529	0.491	0.537	0.541	0.508	0.525	4.1
1,1-Dichloroethene	0.545	0.489	0.462	0.515	0.518	0.490	0.503	5.7
Acrylonitrile	0.122	0.115	0.116	0.127	0.127	0.115	0.120	5
Acetone	0.122	0.102	0.094	0.128	0.104	0.103	0.109	11.9
Carbon Disulfide	1.800	1.652	1.540	1.734	1.678	1.620	1.671	5.4
Methyl tert-butyl Ether	1.312	1.268	1.267	1.410	1.410	1.307	1.329	4.9
Methylene Chloride	0.733	0.598	0.539	0.585	0.547	0.529	0.588	12.8
trans-1,2-Dichloroethene	0.589	0.536	0.507	0.573	0.570	0.547	0.554	5.4
1,1-Dichloroethane	1.101	1.032	0.961	1.083	1.058	1.007	1.040	4.9
2-Butanone	0.162	0.155	0.156	0.183	0.171	0.159	0.164	6.5
Carbon Tetrachloride	0.567	0.562	0.509	0.581	0.567	0.535	0.554	4.8
2,2-Dichloropropane	1.036	0.939	0.845	0.972	0.952	0.920	0.944	6.6
cis-1,2-Dichloroethene	0.649	0.610	0.588	0.665	0.656	0.626	0.632	4.7
Chloroform	1.128	1.046	0.977	1.095	1.062	1.017	1.054	5.1
1,1,1-Trichloroethane	1.020	0.956	0.889	0.986	0.979	0.927	0.960	4.8
1,1-Dichloropropene	0.508	0.487	0.460	0.516	0.505	0.478	0.492	4.3
Benzene	1.515	1.445	1.359	1.533	1.472	1.409	1.456	4.5
1,2-Dichloroethane	0.422	0.417	0.393	0.434	0.419	0.394	0.413	3.9
Trichloroethene	0.375	0.360	0.341	0.382	0.375	0.354	0.364	4.3
1,2-Dichloropropane	0.360	0.350	0.329	0.371	0.357	0.336	0.350	4.5
Dibromomethane	0.192	0.189	0.183	0.203	0.199	0.184	0.191	4.2
Bromodichloromethane	0.519	0.503	0.477	0.541	0.528	0.495	0.511	4.5
4-Methyl-2-Pentanone	0.220	0.227	0.239	0.267	0.264	0.238	0.243	7.9

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

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: NOBI03

Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG No.: Q1383

Instrument ID: MSVOA_Y Calibration Date(s): 02/25/2025 02/25/2025

Heated Purge: (Y/N) Y Calibration Time(s): 12:40 16:49

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY021309.D RRF010 = VY021310.D RRF020 = VY021311.D
RRF050 = VY021312.D RRF150 = VY021314.D RRF100 = VY021316.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF150	RRF100	$\overline{RRF}$	% RSD
Toluene	0.887	0.888	0.852	0.965	0.936	0.897	0.904	4.4
t-1,3-Dichloropropene	0.438	0.436	0.434	0.515	0.509	0.474	0.468	8
cis-1,3-Dichloropropene	0.541	0.526	0.528	0.591	0.581	0.546	0.552	5
1,1,2-Trichloroethane	0.250	0.251	0.238	0.267	0.254	0.237	0.249	4.4
1,3-Dichloropropane	0.427	0.428	0.422	0.469	0.454	0.426	0.438	4.4
2-Hexanone	0.133	0.146	0.155	0.183	0.178	0.162	0.159	11.9
Dibromochloromethane	0.340	0.325	0.322	0.368	0.352	0.332	0.340	5.2
1,2-Dibromoethane	0.234	0.231	0.226	0.254	0.245	0.227	0.236	4.7
Tetrachloroethene	0.405	0.380	0.351	0.389	0.386	0.355	0.378	5.5
Chlorobenzene	1.171	1.111	1.039	1.176	1.159	1.078	1.122	5
1,1,1,2-Tetrachloroethane	0.396	0.401	0.362	0.414	0.404	0.381	0.393	4.7
Ethyl Benzene	1.938	1.941	1.826	2.130	2.115	1.979	1.988	5.8
m/p-Xylenes	0.735	0.738	0.696	0.802	0.783	0.733	0.748	5.1
o-Xylene	0.689	0.675	0.648	0.758	0.739	0.694	0.701	5.9
Styrene	1.081	1.128	1.091	1.277	1.257	1.159	1.166	7.2
Bromoform	0.221	0.221	0.211	0.246	0.236	0.214	0.225	5.9
Isopropylbenzene	3.744	3.605	3.437	3.976	4.009	3.783	3.759	5.8
1,1,2,2-Tetrachloroethane	0.700	0.649	0.621	0.697	0.689	0.624	0.663	5.5
1,2,3-Trichloropropane	0.517	0.547	0.448	0.523	0.493	0.474	0.500	7.2
Bromobenzene	0.919	0.843	0.806	0.908	0.915	0.854	0.874	5.3
n-propylbenzene	4.532	4.403	4.216	4.830	4.842	4.546	4.561	5.3
2-Chlorotoluene	2.741	2.558	2.412	2.715	2.730	2.551	2.618	5
1,3,5-Trimethylbenzene	3.092	2.977	2.873	3.250	3.264	3.042	3.083	5
4-Chlorotoluene	2.871	2.665	2.496	2.815	2.802	2.633	2.714	5.2
tert-Butylbenzene	2.703	2.753	2.601	2.892	3.000	2.760	2.785	5.1
1,2,4-Trimethylbenzene	3.014	2.958	2.860	3.248	3.269	3.048	3.066	5.3
sec-Butylbenzene	4.126	4.003	3.760	4.257	4.274	3.987	4.068	4.8
p-Isopropyltoluene	3.340	3.267	3.162	3.593	3.641	3.377	3.397	5.5
1,3-Dichlorobenzene	1.812	1.729	1.598	1.792	1.777	1.668	1.730	4.8
1,4-Dichlorobenzene	1.825	1.710	1.593	1.751	1.744	1.629	1.709	5

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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG No.: Q1383

Instrument ID: MSVOA_Y Calibration Date(s): 02/25/2025 02/25/2025

Heated Purge: (Y/N) Y Calibration Time(s): 12:40 16:49

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY021309.D RRF010 = VY021310.D RRF020 = VY021311.D
RRF050 = VY021312.D RRF150 = VY021314.D RRF100 = VY021316.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF150	RRF100	$\overline{RRF}$	% RSD
n-Butylbenzene	3.078	3.050	2.931	3.421	3.481	3.218	3.196	6.8
1,2-Dichlorobenzene	1.599	1.499	1.408	1.575	1.564	1.446	1.515	5.1
1,2-Dibromo-3-Chloropropane	0.103	0.097	0.099	0.113	0.115	0.102	0.105	7.2
1,2,4-Trichlorobenzene	0.906	0.848	0.822	0.968	1.053	0.950	0.925	9.2
Hexachlorobutadiene	0.633	0.573	0.517	0.591	0.616	0.563	0.582	7
1,2,3-Trichlorobenzene	0.742	0.719	0.698	0.824	0.896	0.809	0.781	9.6
1,2-Dichloroethane-d4	0.681	0.510	0.548	0.551	0.566	0.547	0.567	10.3
Dibromofluoromethane	0.370	0.299	0.317	0.325	0.334	0.322	0.328	7.2
Toluene-d8	1.420	1.158	1.230	1.251	1.290	1.253	1.267	6.8
4-Bromofluorobenzene	0.490	0.387	0.404	0.423	0.435	0.420	0.426	8.2
trans-1,4-Dichloro-2-butene	0.210	0.209	0.208	0.244	0.255	0.225	0.225	8.9

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

Response Factor Report GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y022525S.M
Title : SW846 8260
Last Update : Wed Feb 26 02:09:13 2025
Response Via : Initial Calibration

Calibration Files
5 =VY021309.D 10 =VY021310.D 20 =VY021311.D 50 =VY021312.D 100 =VY021316.D 150 =VY021314.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.510	0.484	0.431	0.493	0.447	0.480	0.474	6.16
3)	P	Chloromethane	0.709	0.628	0.566	0.602	0.570	0.597	0.612	8.61
4)	C	Vinyl Chloride	0.648	0.591	0.554	0.627	0.580	0.606	0.601	5.60#
5)	T	Bromomethane	0.505	0.414	0.361	0.387	0.359	0.371	0.399	13.92
6)	T	Chloroethane	0.414	0.365	0.347	0.390	0.355	0.365	0.373	6.66
7)	T	Trichlorofluor...	0.976	0.915	0.838	0.936	0.870	0.909	0.908	5.33
8)	T	Diethyl Ether	0.276	0.264	0.260	0.286	0.263	0.286	0.272	4.34
9)	T	1,1,2-Trichlor...	0.546	0.529	0.491	0.537	0.508	0.541	0.525	4.09
10)	T	Methyl Iodide	0.492	0.473	0.490	0.637	0.600	0.625	0.553	13.64
11)	T	Tert butyl alc...	0.058	0.047	0.042	0.040	0.034	0.039	0.044	18.88
12)	CM	1,1-Dichloroet...	0.545	0.489	0.462	0.515	0.490	0.518	0.503	5.75#
13)	T	Acrolein	0.065	0.058	0.059	0.007	0.006	0.006	0.033	89.20
14)	T	Allyl chloride	0.929	0.847	0.821	0.926	0.889	0.938	0.892	5.42
15)	T	Acrylonitrile	0.122	0.115	0.116	0.127	0.115	0.127	0.120	5.01
16)	T	Acetone	0.122	0.102	0.094	0.128	0.103	0.104	0.109	11.92
17)	T	Carbon Disulfide	1.800	1.652	1.540	1.734	1.620	1.678	1.671	5.41
18)	T	Methyl Acetate	0.285	0.249	0.259	0.276	0.250	0.276	0.266	5.65
19)	T	Methyl tert-bu...	1.312	1.268	1.267	1.410	1.307	1.410	1.329	4.93
20)	T	Methylene Chlo...	0.733	0.598	0.539	0.585	0.529	0.547	0.588	12.84
21)	T	trans-1,2-Dich...	0.589	0.536	0.507	0.573	0.547	0.570	0.554	5.36
22)	T	Diisopropyl ether	1.839	1.794	1.752	1.961	1.828	1.900	1.846	4.06
23)	T	Vinyl Acetate	1.062	1.041	1.045	1.188	1.103	1.179	1.103	6.00
24)	P	1,1-Dichloroet...	1.101	1.032	0.961	1.083	1.007	1.058	1.040	4.94
25)	T	2-Butanone	0.162	0.155	0.156	0.183	0.159	0.171	0.164	6.53
26)	T	2,2-Dichloropr...	1.036	0.939	0.845	0.972	0.920	0.952	0.944	6.64
27)	T	cis-1,2-Dichlo...	0.649	0.610	0.588	0.665	0.626	0.656	0.632	4.68
28)	T	Bromochloromet...	0.525	0.442	0.438	0.454	0.439	0.464	0.460	7.23
29)	T	Tetrahydrofuran	0.105	0.100	0.106	0.115	0.104	0.114	0.107	5.36
30)	C	Chloroform	1.128	1.046	0.977	1.095	1.017	1.062	1.054	5.11#
31)	T	Cyclohexane	1.182	1.025	0.910	0.989	0.923	0.971	1.000	9.90
32)	T	1,1,1-Trichlor...	1.020	0.956	0.889	0.986	0.927	0.979	0.960	4.81
33)	S	1,2-Dichloroet...	0.681	0.510	0.548	0.551	0.547	0.566	0.567	10.35
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.370	0.299	0.317	0.325	0.322	0.334	0.328	7.20
36)	T	1,1-Dichloropr...	0.508	0.487	0.460	0.516	0.478	0.505	0.492	4.28
37)	T	Ethyl Acetate	0.251	0.246	0.232	0.257	0.228	0.255	0.245	5.02
38)	T	Carbon Tetrach...	0.567	0.562	0.509	0.581	0.535	0.567	0.554	4.80
39)	T	Methylcyclohexane	0.597	0.613	0.584	0.662	0.618	0.663	0.623	5.33
40)	TM	Benzene	1.515	1.445	1.359	1.533	1.409	1.472	1.456	4.48
41)	T	Methacrylonitrile	0.162	0.118	0.120	0.147	0.129	0.146	0.137	12.55
42)	TM	1,2-Dichloroet...	0.422	0.417	0.393	0.434	0.394	0.419	0.413	3.91
43)	T	Isopropyl Acetate	0.443	0.447	0.464	0.513	0.466	0.511	0.474	6.49
44)	TM	Trichloroethene	0.375	0.360	0.341	0.382	0.354	0.375	0.364	4.29
45)	C	1,2-Dichloropr...	0.360	0.350	0.329	0.371	0.336	0.357	0.350	4.49#
46)	T	Dibromomethane	0.192	0.188	0.183	0.203	0.184	0.199	0.191	4.22
47)	T	Bromodichlorom...	0.519	0.503	0.477	0.541	0.495	0.528	0.511	4.54
48)	T	Methyl methacr...	0.197	0.201	0.208	0.247	0.225	0.251	0.222	10.59
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	6.15
50)	S	Toluene-d8	1.420	1.158	1.230	1.251	1.253	1.290	1.267	6.83
51)	T	4-Methyl-2-Pen...	0.220	0.227	0.239	0.267	0.238	0.264	0.243	7.94
52)	CM	Toluene	0.887	0.888	0.852	0.965	0.897	0.936	0.904	4.42#
53)	T	t-1,3-Dichloro...	0.438	0.436	0.434	0.515	0.474	0.509	0.468	8.02
54)	T	cis-1,3-Dichlo...	0.541	0.526	0.528	0.591	0.546	0.581	0.552	4.97
55)	T	1,1,2-Trichlor...	0.250	0.251	0.238	0.267	0.237	0.254	0.249	4.42
56)	T	Ethyl methacry...	0.294	0.308	0.315	0.392	0.360	0.398	0.345	13.04

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y022525S.M

57)	T	1,3-Dichloropr...	0.427	0.428	0.422	0.469	0.426	0.454	0.438	4.39
58)	T	2-Chloroethyl ...	0.140	0.146	0.159	0.191	0.177	0.179	0.165	12.21
59)	T	2-Hexanone	0.133	0.146	0.155	0.183	0.162	0.178	0.159	11.90
60)	T	Dibromochlorom...	0.340	0.325	0.322	0.368	0.332	0.352	0.340	5.17
61)	T	1,2-Dibromoethane	0.234	0.231	0.226	0.254	0.227	0.245	0.236	4.72
62)	S	4-Bromofluorob...	0.490	0.387	0.404	0.423	0.420	0.435	0.426	8.25
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.405	0.380	0.351	0.389	0.355	0.386	0.378	5.52
65)	PM	Chlorobenzene	1.171	1.111	1.039	1.176	1.078	1.159	1.122	4.97
66)	T	1,1,1,2-Tetrac...	0.396	0.401	0.362	0.414	0.381	0.404	0.393	4.71
67)	C	Ethyl Benzene	1.938	1.941	1.826	2.130	1.979	2.115	1.988	5.85#
68)	T	m/p-Xylenes	0.735	0.738	0.696	0.802	0.733	0.783	0.748	5.13
69)	T	o-Xylene	0.689	0.675	0.648	0.758	0.694	0.739	0.701	5.86
70)	T	Styrene	1.081	1.128	1.091	1.276	1.159	1.257	1.166	7.15
71)	P	Bromoform	0.221	0.221	0.211	0.246	0.214	0.236	0.225	5.89
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.744	3.605	3.437	3.976	3.783	4.009	3.759	5.80
74)	T	N-amyl acetate	0.818	0.854	0.904	1.060	0.990	1.106	0.955	12.07
75)	P	1,1,2,2-Tetrac...	0.700	0.649	0.621	0.697	0.624	0.689	0.663	5.52
76)	T	1,2,3-Trichlor...	0.517	0.547	0.448	0.523	0.474	0.493	0.500	7.19
77)	T	Bromobenzene	0.919	0.843	0.806	0.908	0.854	0.915	0.874	5.34
78)	T	n-propylbenzene	4.532	4.403	4.216	4.830	4.546	4.842	4.561	5.34
79)	T	2-Chlorotoluene	2.741	2.558	2.412	2.715	2.551	2.730	2.618	5.05
80)	T	1,3,5-Trimethy...	3.092	2.977	2.873	3.250	3.042	3.264	3.083	4.99
81)	T	trans-1,4-Dich...	0.210	0.209	0.208	0.244	0.225	0.255	0.225	8.86
82)	T	4-Chlorotoluene	2.871	2.665	2.496	2.815	2.633	2.802	2.714	5.19
83)	T	tert-Butylbenzene	2.703	2.753	2.601	2.892	2.760	3.000	2.785	5.08
84)	T	1,2,4-Trimethy...	3.014	2.958	2.860	3.248	3.048	3.269	3.066	5.28
85)	T	sec-Butylbenzene	4.126	4.003	3.760	4.257	3.987	4.274	4.068	4.75
86)	T	p-Isopropyltol...	3.340	3.267	3.162	3.593	3.377	3.641	3.397	5.48
87)	T	1,3-Dichlorobe...	1.812	1.729	1.598	1.792	1.668	1.777	1.730	4.77
88)	T	1,4-Dichlorobe...	1.825	1.710	1.593	1.751	1.629	1.744	1.709	4.99
89)	T	n-Butylbenzene	3.078	3.050	2.931	3.421	3.218	3.481	3.196	6.82
90)	T	Hexachloroethane	0.759	0.690	0.638	0.721	0.693	0.755	0.710	6.43
91)	T	1,2-Dichlorobe...	1.599	1.499	1.408	1.575	1.446	1.564	1.515	5.09
92)	T	1,2-Dibromo-3-...	0.103	0.097	0.099	0.113	0.102	0.115	0.105	7.23
93)	T	1,2,4-Trichlor...	0.906	0.848	0.822	0.968	0.950	1.053	0.925	9.16
94)	T	Hexachlorobuta...	0.633	0.573	0.517	0.591	0.563	0.616	0.582	7.04
95)	T	Naphthalene	1.249	1.282	1.361	1.721	1.673	1.905	1.532	17.67
96)	T	1,2,3-Trichlor...	0.742	0.719	0.698	0.824	0.809	0.896	0.781	9.62

(#) = Out of Range

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021309.D
Acq On : 25 Feb 2025 12:40
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

Quant Time: Feb 26 01:42:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.707	168	177514	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.616	114	289913	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.414	117	247837	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	118690	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.061	65	12088	6.003	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	12.000%#			
35) Dibromofluoromethane	7.634	113	10715	5.637	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	11.280%#			
50) Toluene-d8	10.103	98	41158	5.603	ug/l		0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	11.200%#			
62) 4-Bromofluorobenzene	12.408	95	14192	5.741	ug/l		0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	11.480%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.861	85	9045	5.374	ug/l		99
3) Chloromethane	2.068	50	12591	5.793	ug/l		97
4) Vinyl Chloride	2.202	62	11497	5.389	ug/l		93
5) Bromomethane	2.598	94	8962	6.321	ug/l		99
6) Chloroethane	2.733	64	7351	5.556	ug/l		99
7) Trichlorofluoromethane	3.056	101	17319	5.375	ug/l	#	83
8) Diethyl Ether	3.458	74	4897	5.064	ug/l		89
9) 1,1,2-Trichlorotrifluo...	3.806	101	9686	5.193	ug/l		96
10) Methyl Iodide	4.001	142	8728	4.447	ug/l		99
11) Tert butyl alcohol	4.848	59	5165	33.345	ug/l	#	84
12) 1,1-Dichloroethene	3.787	96	9671	5.415	ug/l		90
13) Acrolein	3.647	56	5798	48.848	ug/l		99
14) Allyl chloride	4.379	41	16498	5.210	ug/l		99
15) Acrylonitrile	5.055	53	10830	25.330	ug/l		98
16) Acetone	3.866	43	10823	28.018	ug/l		99
17) Carbon Disulfide	4.104	76	31953	5.387	ug/l		99
18) Methyl Acetate	4.391	43	5062	5.362	ug/l	#	54
19) Methyl tert-butyl Ether	5.110	73	23290	4.935	ug/l		100
20) Methylene Chloride	4.610	84	13003	6.225	ug/l		93
21) trans-1,2-Dichloroethene	5.110	96	10455	5.317	ug/l		98
22) Diisopropyl ether	6.012	45	32640	4.981	ug/l	#	86
23) Vinyl Acetate	5.958	43	94244	24.067	ug/l		99
24) 1,1-Dichloroethane	5.915	63	19538	5.290	ug/l		98
25) 2-Butanone	6.890	43	14341	24.599	ug/l	#	88
26) 2,2-Dichloropropane	6.884	77	18391	5.488	ug/l		100
27) cis-1,2-Dichloroethene	6.890	96	11522	5.132	ug/l		97
28) Bromochloromethane	7.244	49	9318	5.702	ug/l		99
29) Tetrahydrofuran	7.262	42	9319	24.455	ug/l		99
30) Chloroform	7.421	83	20025	5.351	ug/l		98
31) Cyclohexane	7.701	56	20990	5.912	ug/l	#	86
32) 1,1,1-Trichloroethane	7.616	97	18106	5.315	ug/l		98
36) 1,1-Dichloropropene	7.829	75	14719	5.155	ug/l		98
37) Ethyl Acetate	6.982	43	7270	5.119	ug/l		98
38) Carbon Tetrachloride	7.817	117	16445	5.124	ug/l		92
39) Methylcyclohexane	9.103	83	17316	4.795	ug/l		95
40) Benzene	8.079	78	43912	5.203	ug/l		95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021309.D
Acq On : 25 Feb 2025 12:40
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 26 01:42:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.238	41	4691m	5.908	ug/l		
42) 1,2-Dichloroethane	8.158	62	12236	5.110	ug/l		99
43) Isopropyl Acetate	8.195	43	12832	4.668	ug/l		99
44) Trichloroethene	8.859	130	10868	5.143	ug/l		100
45) 1,2-Dichloropropane	9.140	63	10426	5.133	ug/l		95
46) Dibromomethane	9.231	93	5557	5.005	ug/l		100
47) Bromodichloromethane	9.420	83	15042	5.081	ug/l		100
48) Methyl methacrylate	9.219	41	5698	4.433	ug/l		95
49) 1,4-Dioxane	9.231	88	1164	94.292	ug/l		94
51) 4-Methyl-2-Pentanone	10.000	43	31910	22.677	ug/l		100
52) Toluene	10.170	92	25715	4.905	ug/l		98
53) t-1,3-Dichloropropene	10.396	75	12697	4.682	ug/l		98
54) cis-1,3-Dichloropropene	9.853	75	15685	4.899	ug/l		99
55) 1,1,2-Trichloroethane	10.573	97	7259	5.019	ug/l		96
56) Ethyl methacrylate	10.438	69	8528	4.267	ug/l		99
57) 1,3-Dichloropropane	10.713	76	12384	4.880	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.707	63	20290	21.153	ug/l		98
59) 2-Hexanone	10.762	43	19312	20.897	ug/l		97
60) Dibromochloromethane	10.914	129	9844	4.998	ug/l		97
61) 1,2-Dibromoethane	11.018	107	6792	4.960	ug/l		98
64) Tetrachloroethene	10.646	164	10042	5.361	ug/l		96
65) Chlorobenzene	11.444	112	29025	5.217	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.518	131	9824	5.043	ug/l		99
67) Ethyl Benzene	11.518	91	48026	4.874	ug/l		97
68) m/p-Xylenes	11.627	106	36446	9.833	ug/l		100
69) o-Xylene	11.956	106	17085	4.920	ug/l		97
70) Styrene	11.969	104	26787	4.637	ug/l		99
71) Bromoform	12.133	173	5478	4.916	ug/l	#	99
73) Isopropylbenzene	12.255	105	44434	4.980	ug/l		99
74) N-amyl acetate	12.072	43	9713	4.283	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	8309	5.276	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	6139m	5.136	ug/l		
77) Bromobenzene	12.536	156	10911	5.257	ug/l		99
78) n-propylbenzene	12.597	91	53794	4.968	ug/l		100
79) 2-Chlorotoluene	12.682	91	32529	5.235	ug/l		98
80) 1,3,5-Trimethylbenzene	12.737	105	36696	5.014	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	2493	4.664	ug/l		97
82) 4-Chlorotoluene	12.780	91	34079	5.290	ug/l		99
83) tert-Butylbenzene	12.999	119	32078	4.852	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	35772	4.915	ug/l		100
85) sec-Butylbenzene	13.176	105	48977	5.072	ug/l		100
86) p-Isopropyltoluene	13.292	119	39637	4.916	ug/l		98
87) 1,3-Dichlorobenzene	13.292	146	21510	5.239	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	21663	5.341	ug/l		95
89) n-Butylbenzene	13.621	91	36537	4.815	ug/l		100
90) Hexachloroethane	13.883	117	9013	5.351	ug/l		97
91) 1,2-Dichlorobenzene	13.664	146	18984	5.278	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	1227	4.925	ug/l		97
93) 1,2,4-Trichlorobenzene	14.925	180	10759	4.901	ug/l		98
94) Hexachlorobutadiene	15.029	225	7510	5.434	ug/l		95
95) Naphthalene	15.145	128	14829	4.078	ug/l		97
96) 1,2,3-Trichlorobenzene	15.334	180	8804	4.746	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021309.D
Acq On : 25 Feb 2025 12:40
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

Quant Time: Feb 26 01:42:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

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

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

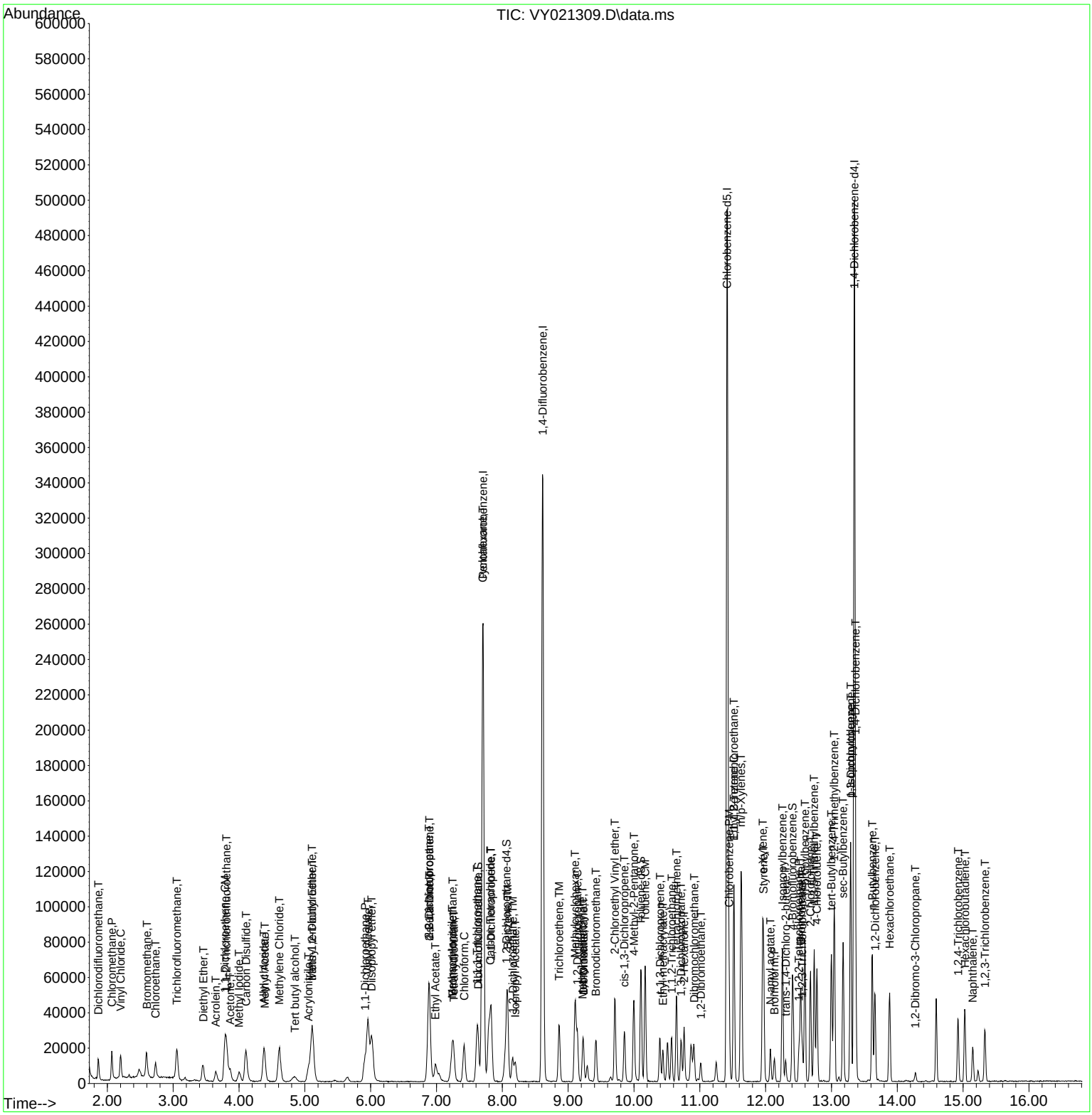
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021309.D
Acq On : 25 Feb 2025 12:40
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

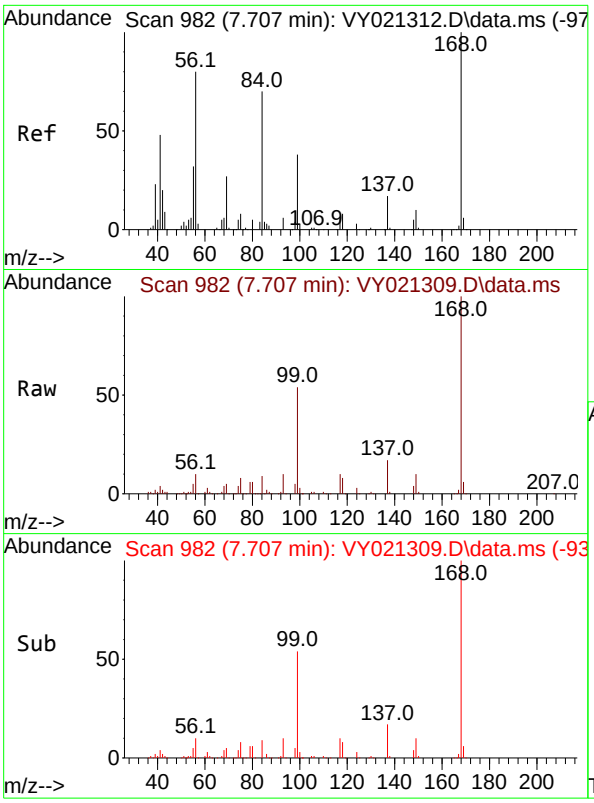
Quant Time: Feb 26 01:42:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

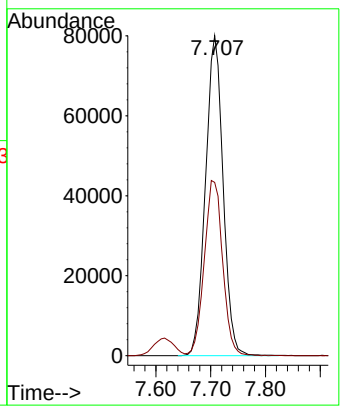




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:168 Resp: 17751

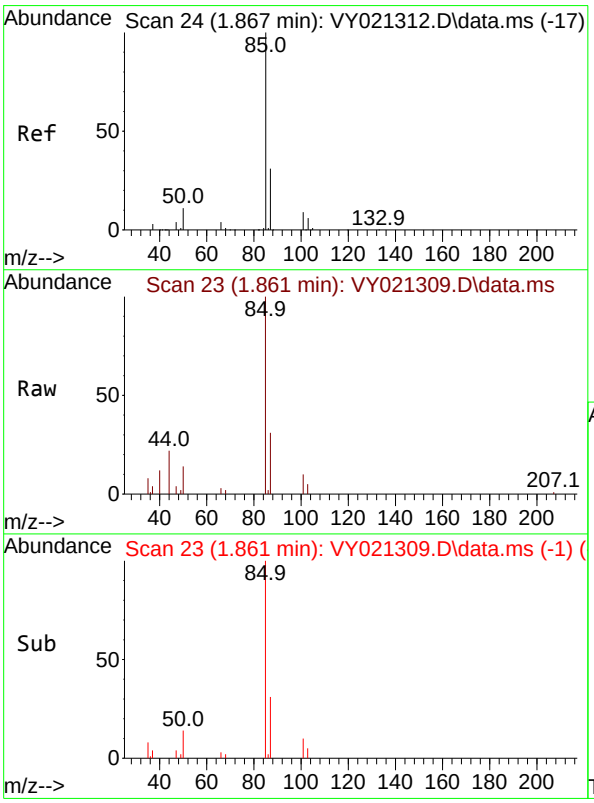
Ion	Ratio	Lower	Upper
168	100		
99	54.1	47.1	70.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

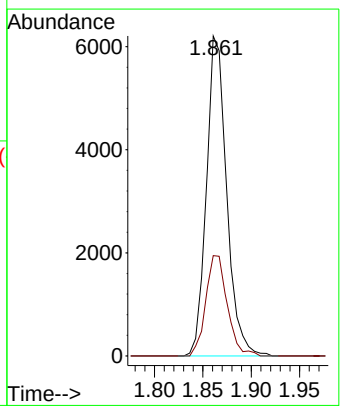
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

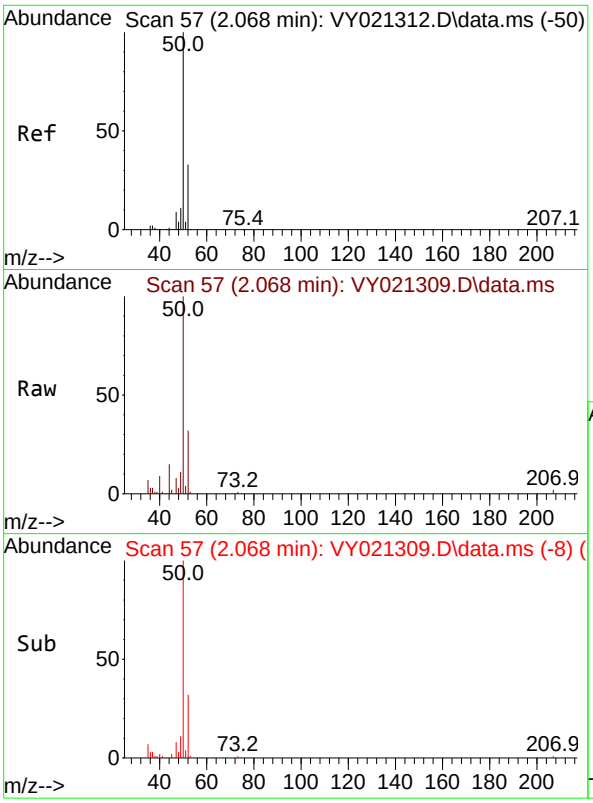


#2
Dichlorodifluoromethane
Concen: 5.374 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 85 Resp: 9045

Ion	Ratio	Lower	Upper
85	100		
87	31.4	15.4	46.4

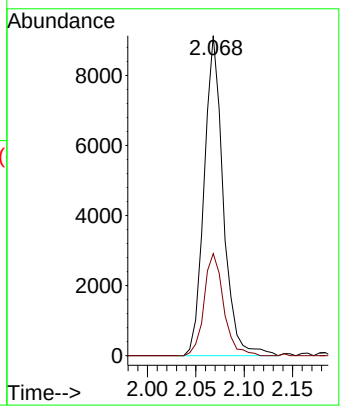




#3
Chloromethane
Concen: 5.793 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 50 Resp: 1259

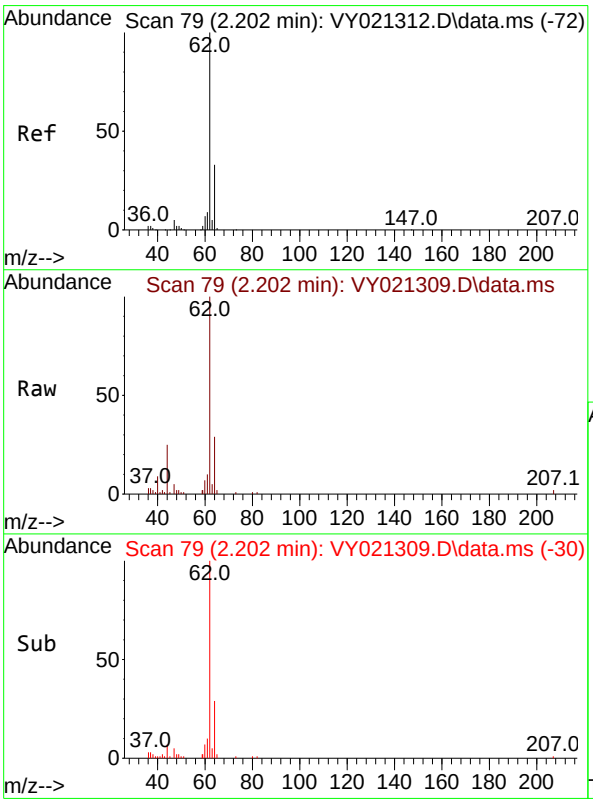
Ion	Ratio	Lower	Upper
50	100		
52	31.9	26.6	40.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

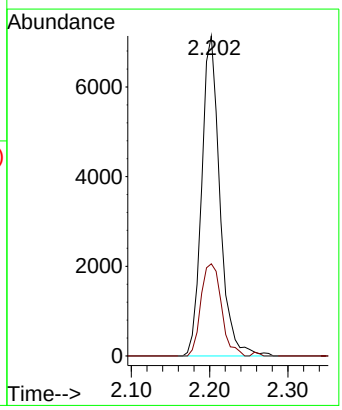
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

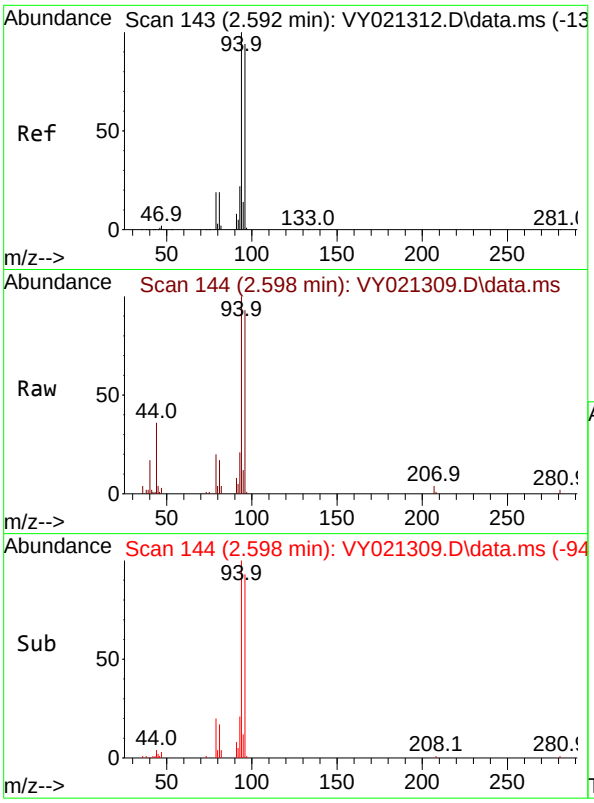


#4
Vinyl Chloride
Concen: 5.389 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 62 Resp: 11497

Ion	Ratio	Lower	Upper
62	100		
64	28.8	26.3	39.5

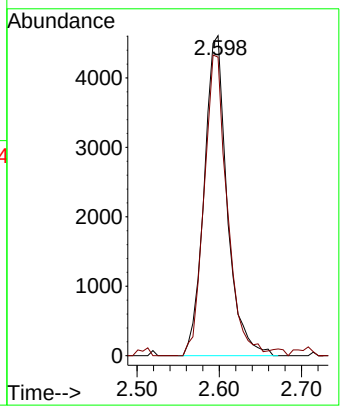




#5
Bromomethane
Concen: 6.321 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 94 Resp: 896

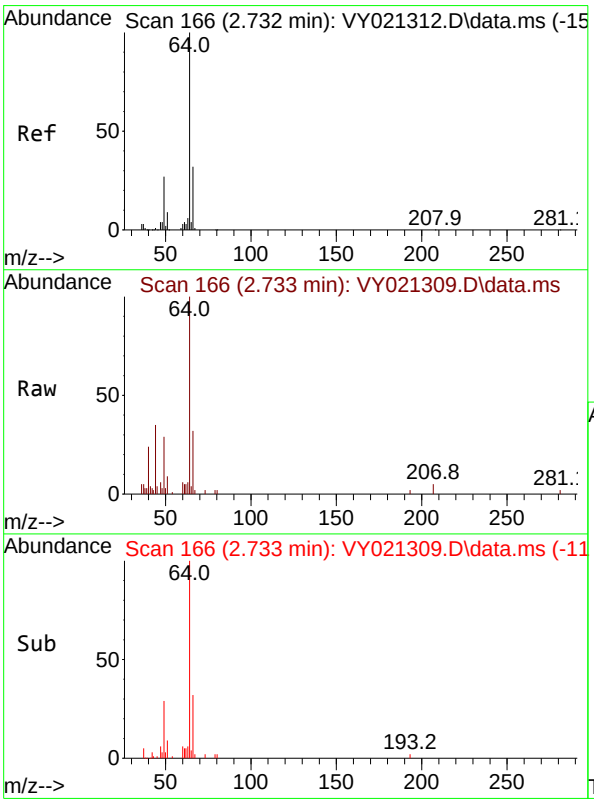
Ion	Ratio	Lower	Upper
94	100		
96	93.3	75.2	112.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

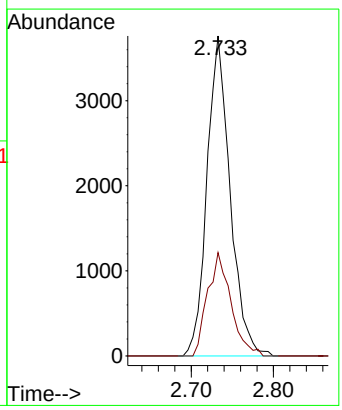
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

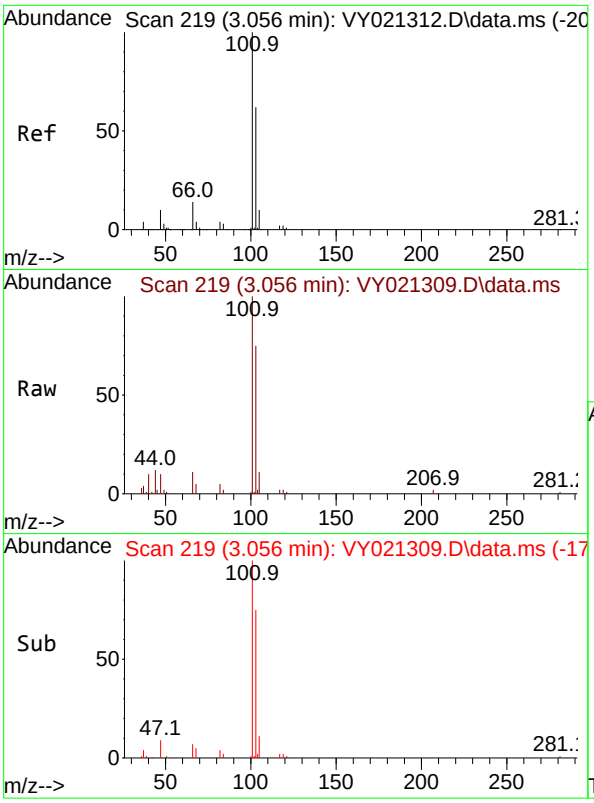


#6
Chloroethane
Concen: 5.556 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 64 Resp: 7351

Ion	Ratio	Lower	Upper
64	100		
66	32.3	25.4	38.0





#7
Trichlorofluoromethane
Concen: 5.375 ug/l
RT: 3.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

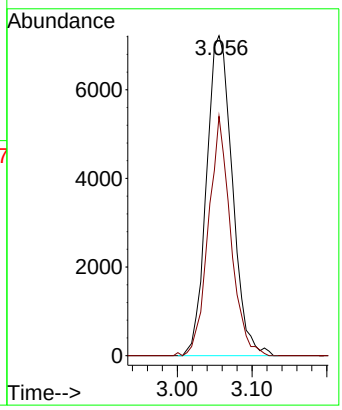
Tgt Ion:101 Resp: 1731

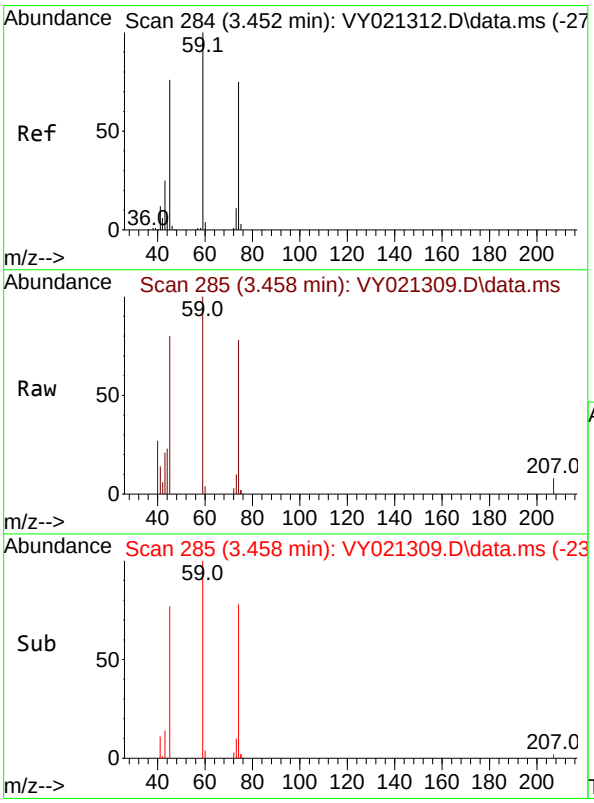
Ion	Ratio	Lower	Upper
101	100		
103	74.8	49.7	74.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

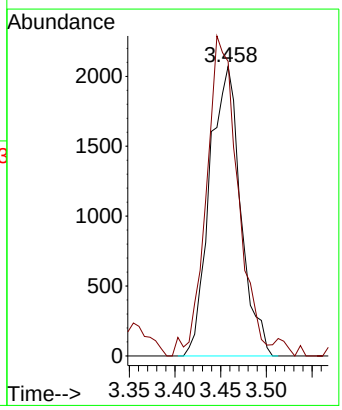


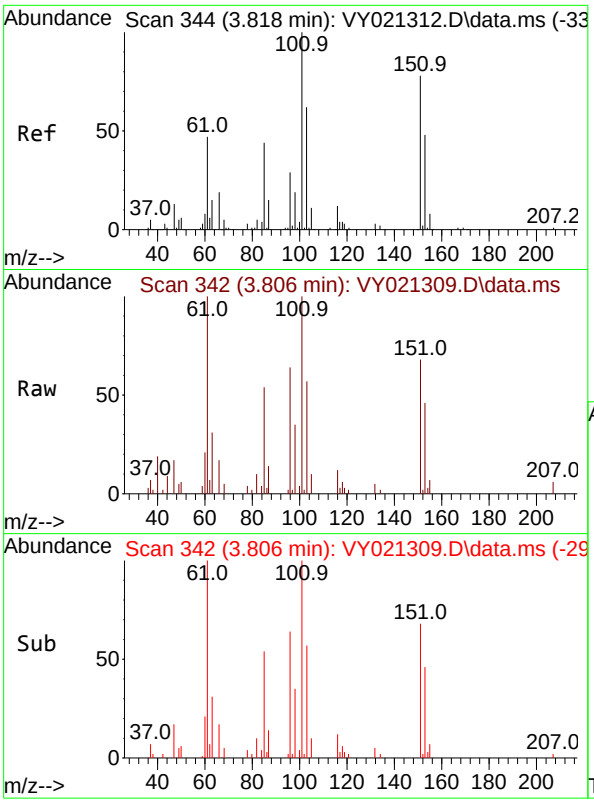


#8
Diethyl Ether
Concen: 5.064 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 74 Resp: 4897

Ion	Ratio	Lower	Upper
74	100		
45	111.5	50.3	150.9

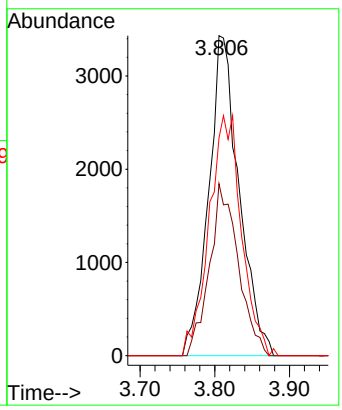




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.193 ug/l
RT: 3.806 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:101 Resp: 968

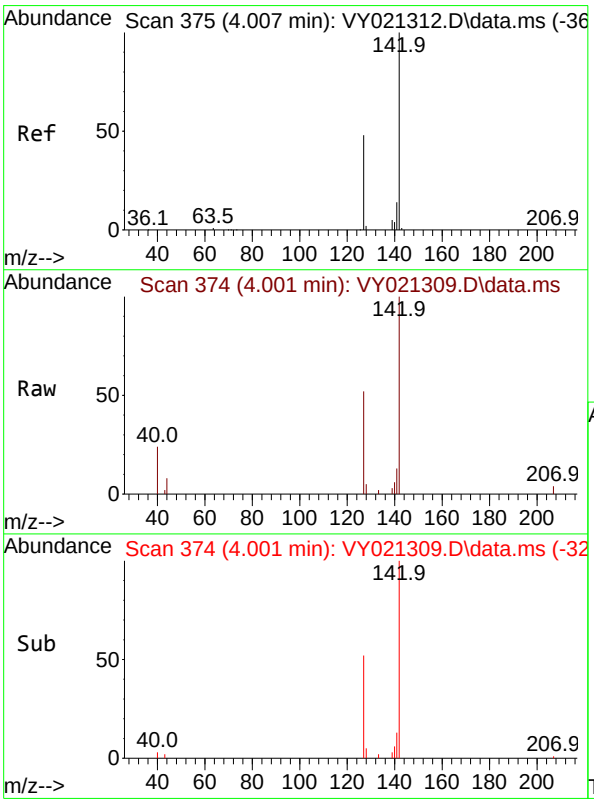
Ion	Ratio	Lower	Upper
101	100		
85	50.9	36.7	55.1
151	80.2	62.6	94.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

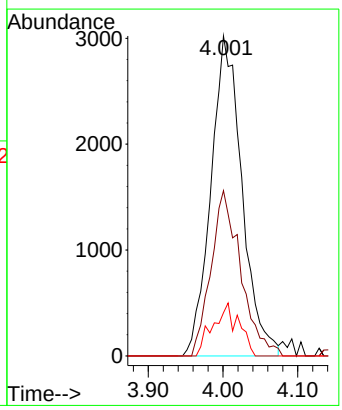
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

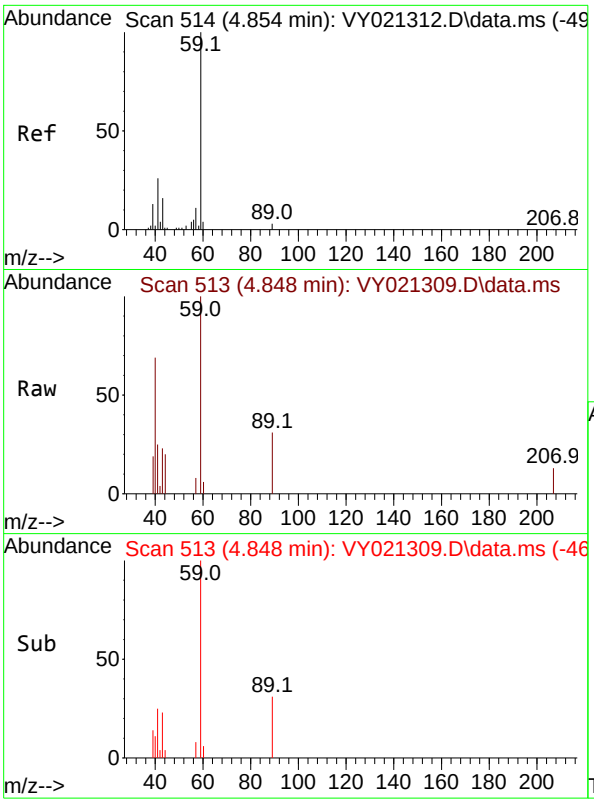


#10
Methyl Iodide
Concen: 4.447 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:142 Resp: 8728

Ion	Ratio	Lower	Upper
142	100		
127	49.6	39.2	58.8
141	13.8	11.4	17.2

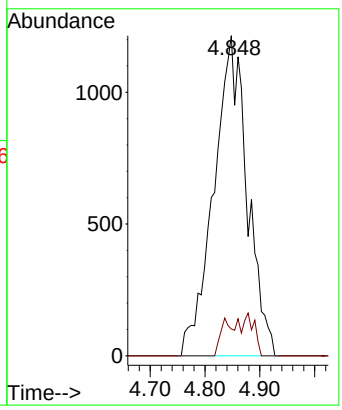




#11
Tert butyl alcohol
Concen: 33.345 ug/l
RT: 4.848 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 59 Resp: 516

Ion	Ratio	Lower	Upper
59	100		
57	4.3	8.3	12.5#



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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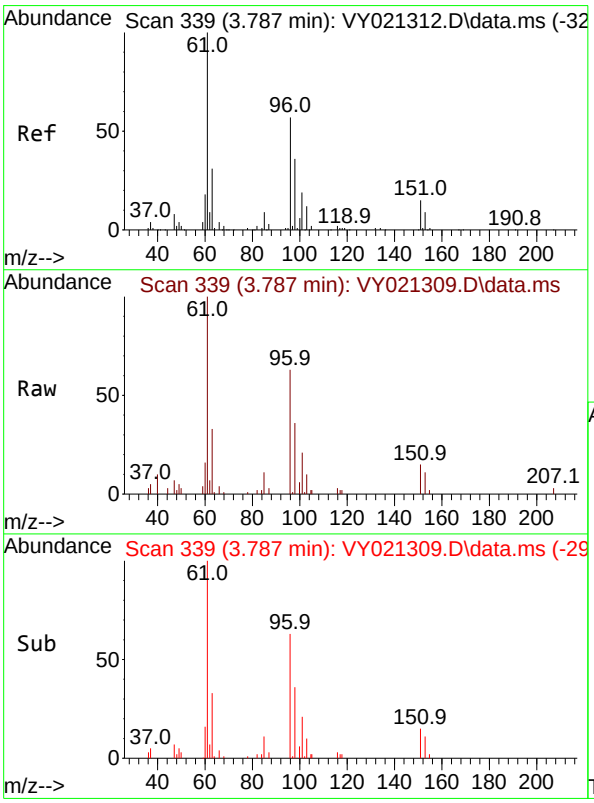
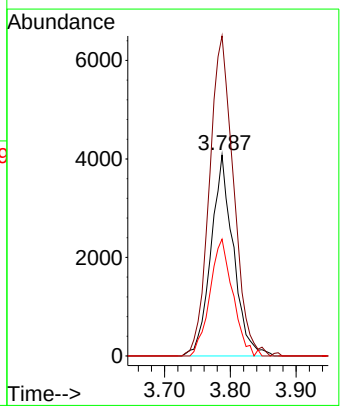
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

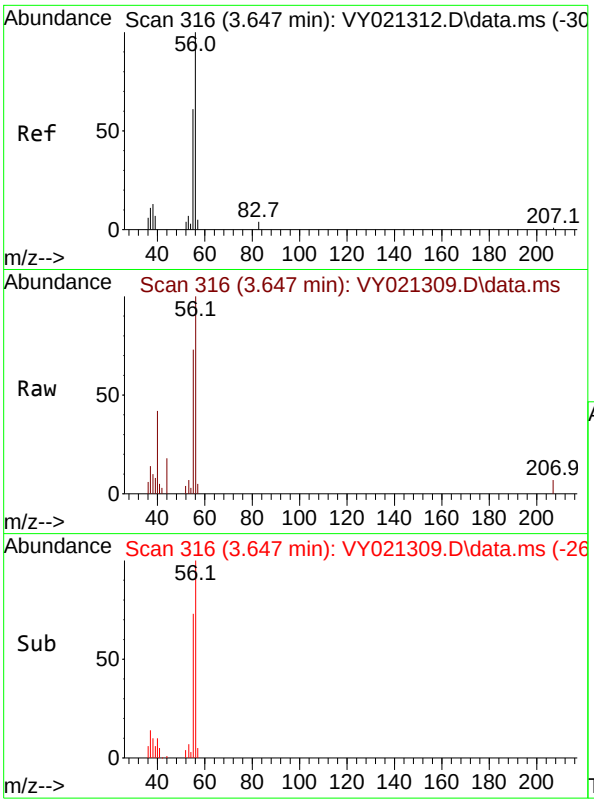


#12
1,1-Dichloroethene
Concen: 5.415 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 96 Resp: 9671

Ion	Ratio	Lower	Upper
96	100		
61	159.2	139.7	209.5
98	58.1	49.7	74.5

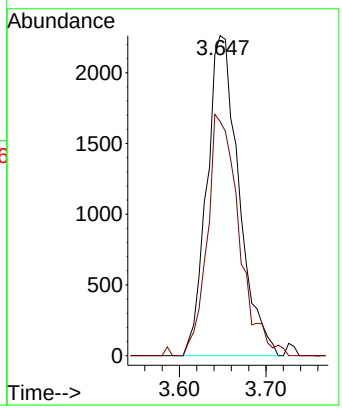




#13
Acrolein
Concen: 48.848 ug/l
RT: 3.647 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 56 Resp: 579

Ion	Ratio	Lower	Upper
56	100		
55	74.8	59.0	88.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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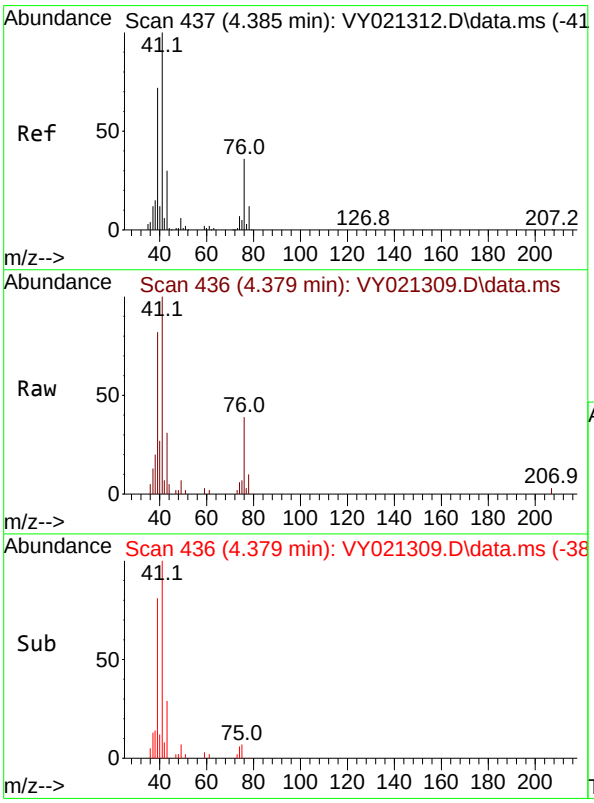
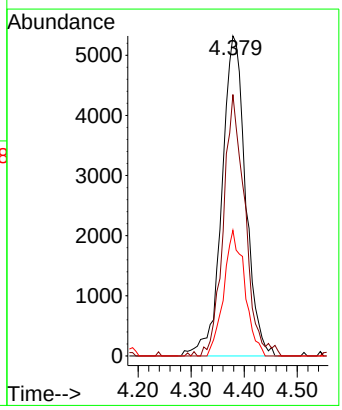
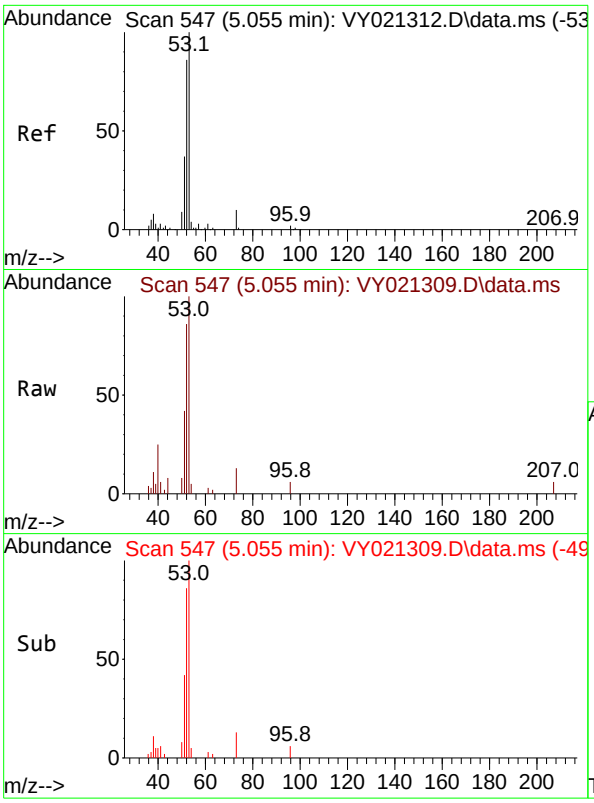


#14
Allyl chloride
Concen: 5.210 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 41 Resp: 16498

Ion	Ratio	Lower	Upper
41	100		
39	74.4	60.0	90.0
76	34.9	29.0	43.6

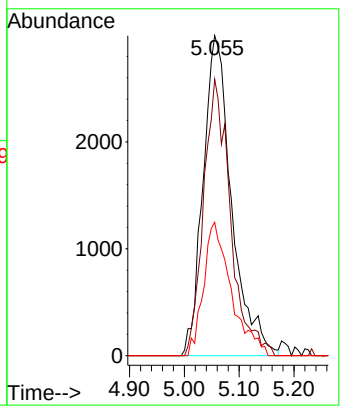




#15
Acrylonitrile
Concen: 25.330 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 53 Resp: 1083

Ion	Ratio	Lower	Upper
53	100		
52	81.0	65.5	98.3
51	40.3	30.6	46.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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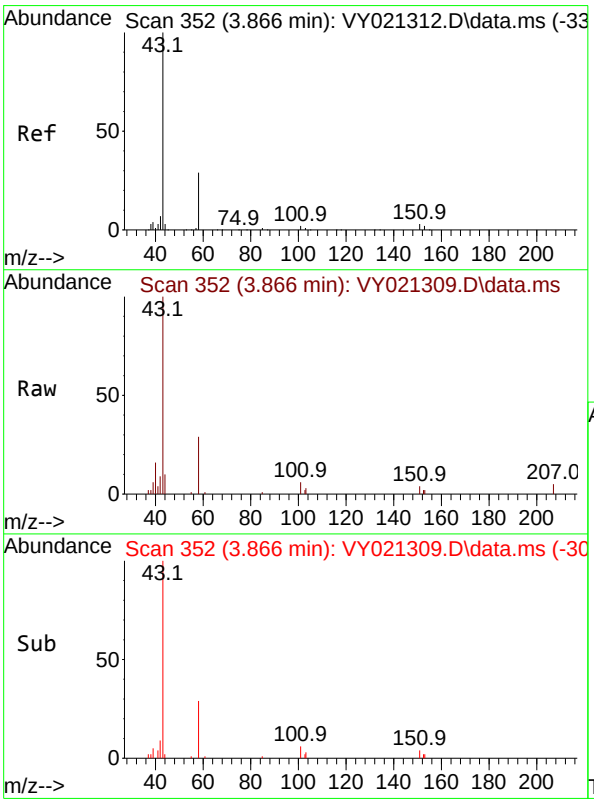
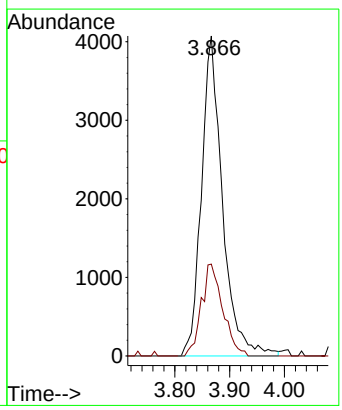
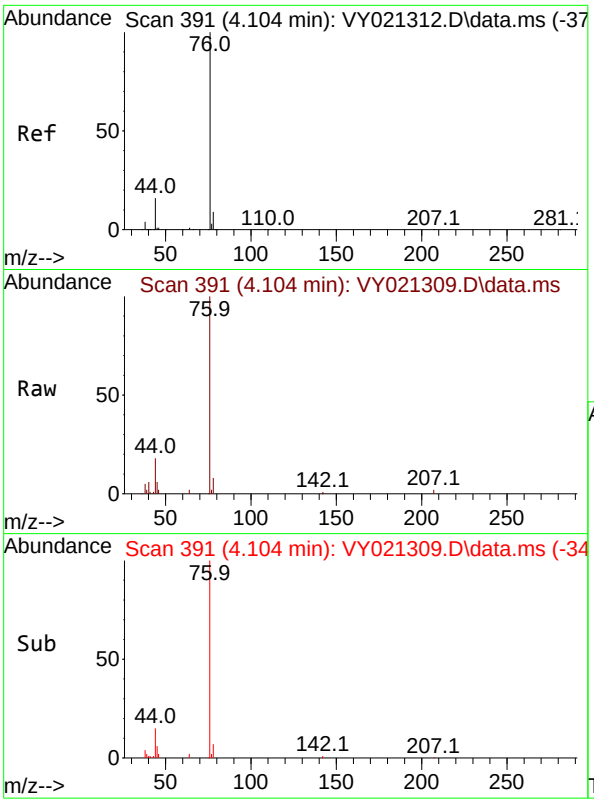


#16
Acetone
Concen: 28.018 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 43 Resp: 10823

Ion	Ratio	Lower	Upper
43	100		
58	28.7	23.5	35.3





#17
Carbon Disulfide
Concen: 5.387 ug/l
RT: 4.104 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 76 Resp: 3195

Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.1	10.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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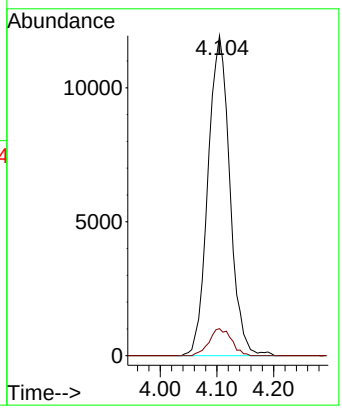
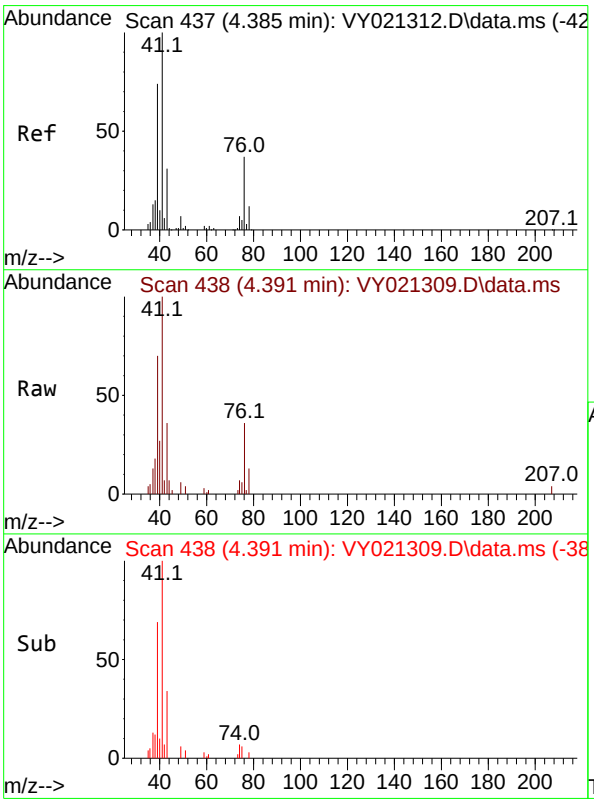
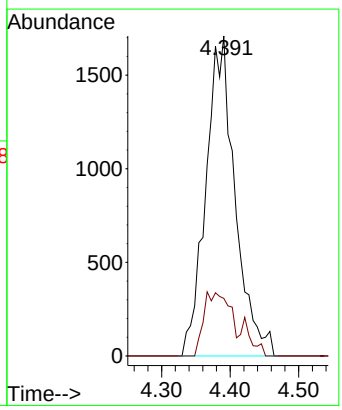


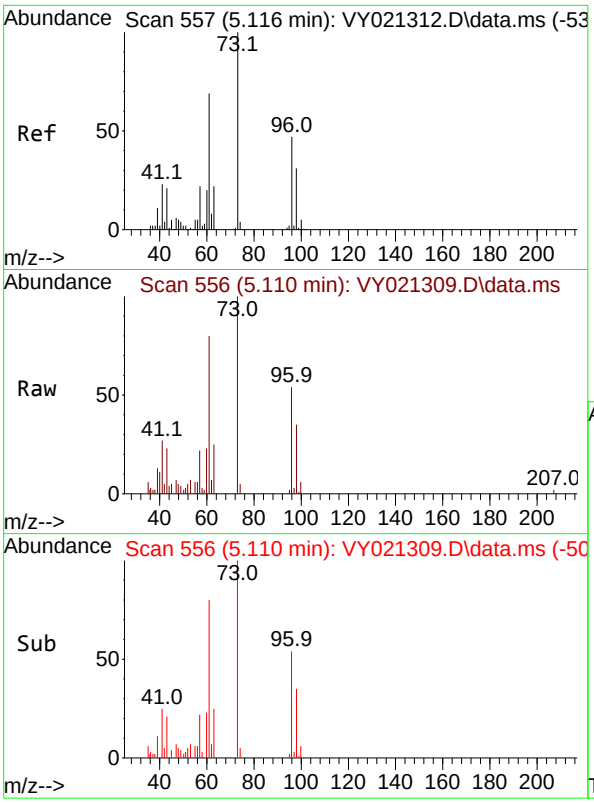


#18
Methyl Acetate
Concen: 5.362 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 43 Resp: 5062

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.7	26.5#

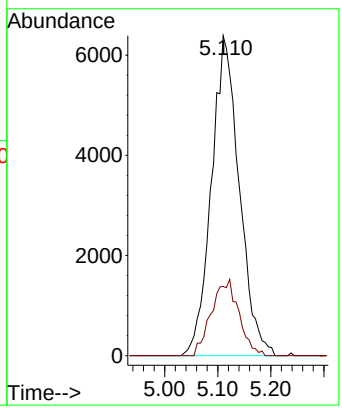




#19
Methyl tert-butyl Ether
Concen: 4.935 ug/l
RT: 5.110 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 73 Resp: 2329

Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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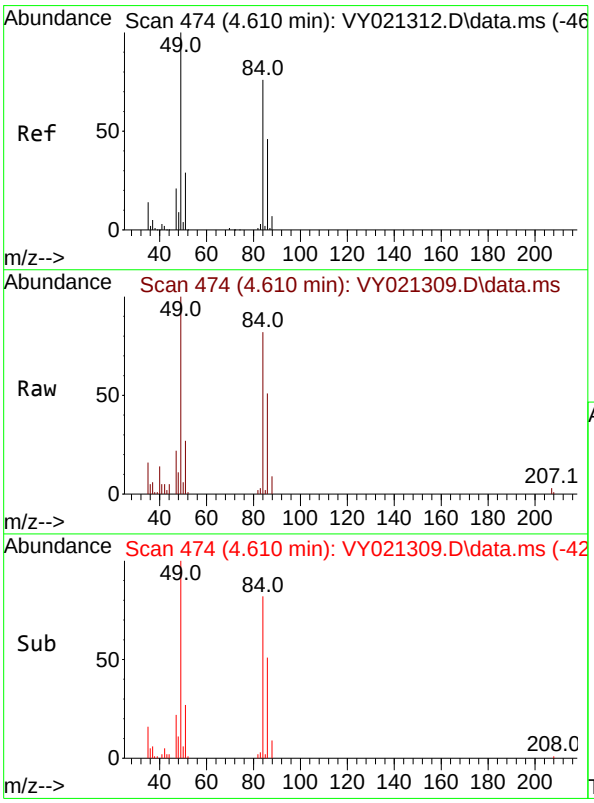
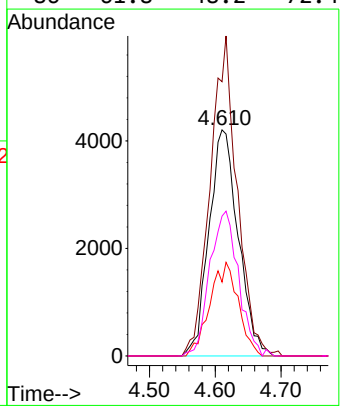
Supervised By :Mahesh Dadoda 02/26/2025

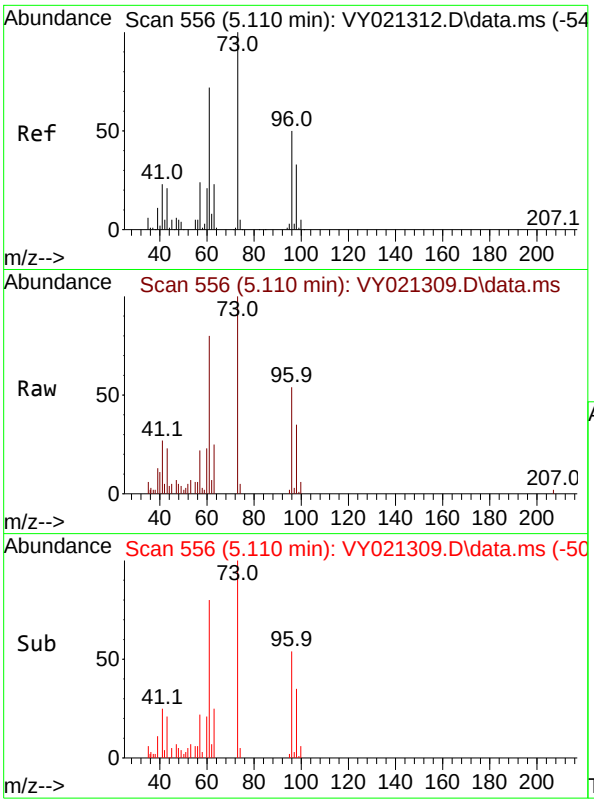


#20
Methylene Chloride
Concen: 6.225 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 84 Resp: 13003

Ion	Ratio	Lower	Upper
84	100		
49	121.3	105.1	157.7
51	32.7	31.0	46.4
86	61.8	48.2	72.4

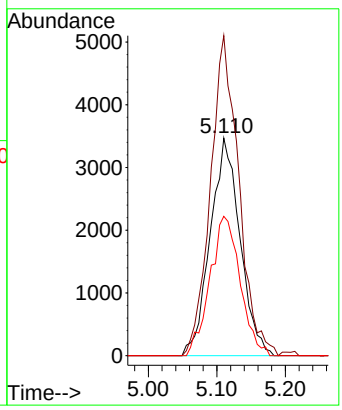




#21
trans-1,2-Dichloroethene
Concen: 5.317 ug/l
RT: 5.110 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 96 Resp: 1045

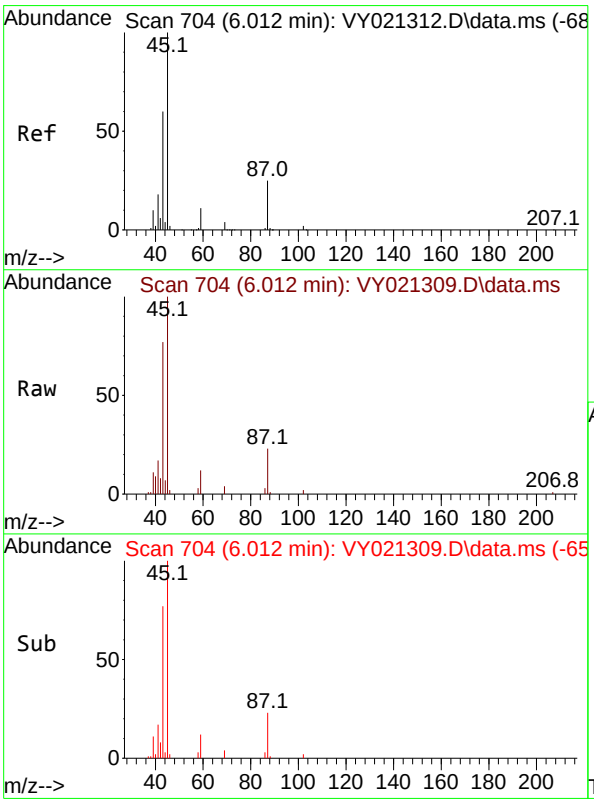
Ion	Ratio	Lower	Upper
96	100		
61	147.0	116.3	174.5
98	64.0	52.6	78.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

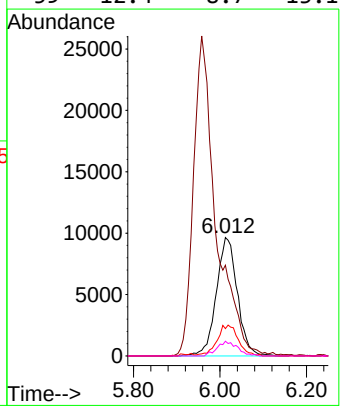
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

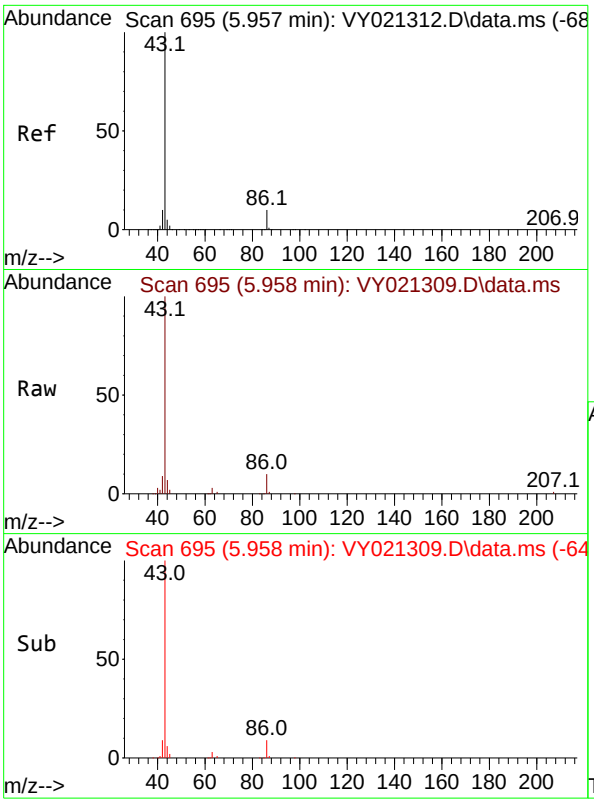


#22
Diisopropyl ether
Concen: 4.981 ug/l
RT: 6.012 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 45 Resp: 32640

Ion	Ratio	Lower	Upper
45	100		
43	75.5	48.2	72.4#
87	23.1	20.3	30.5
59	12.4	8.7	13.1





#23
Vinyl Acetate
Concen: 24.067 ug/l
RT: 5.958 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 43 Resp: 9424

Ion	Ratio	Lower	Upper
43	100		
86	9.5	8.0	12.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :Romaben Patel 02/26/2025
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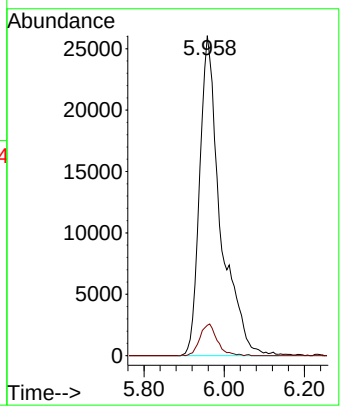
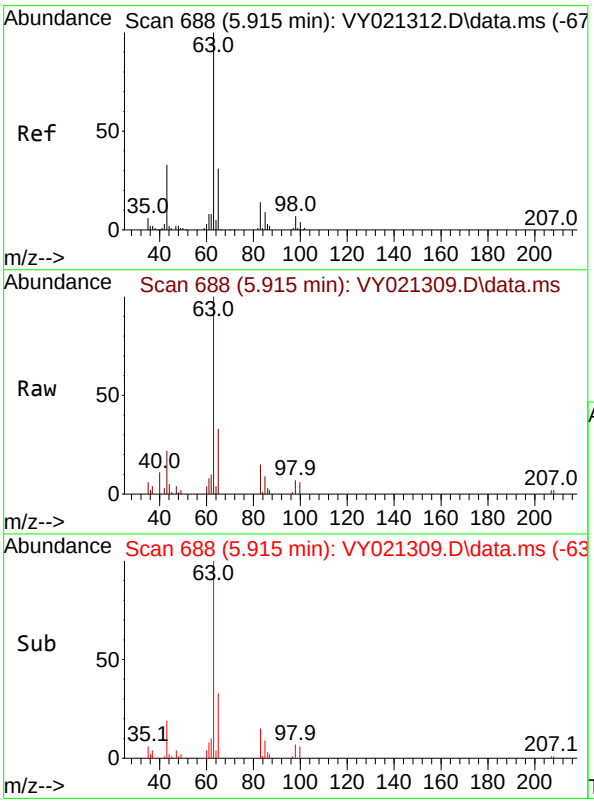
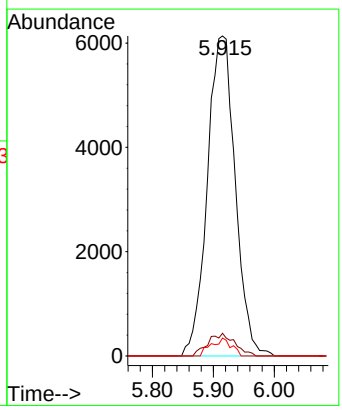


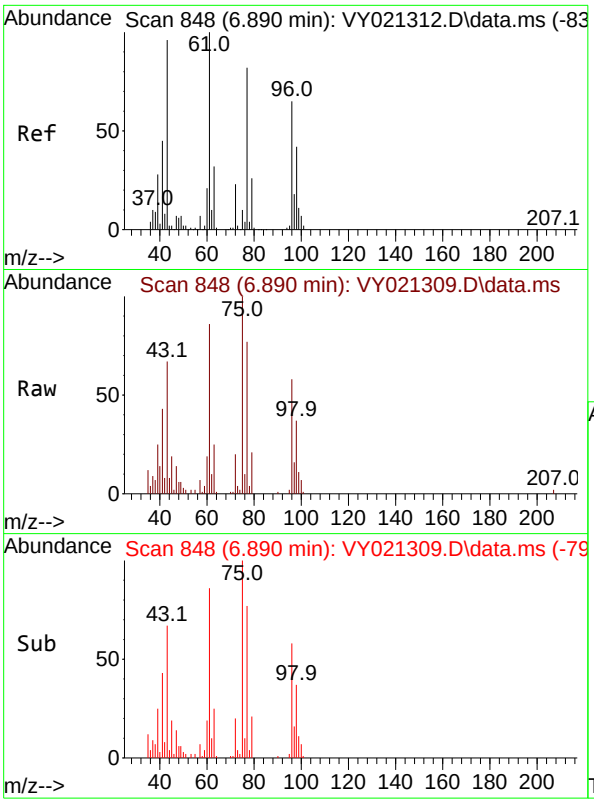


#24
1,1-Dichloroethane
Concen: 5.290 ug/l
RT: 5.915 min Scan# 688
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 63 Resp: 19538

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.7	11.1
100	5.6	2.1	6.5





#25
2-Butanone
Concen: 24.599 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 43 Resp: 1434

Ion	Ratio	Lower	Upper
43	100		
72	29.6	19.0	28.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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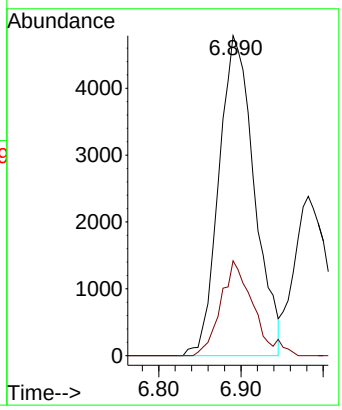
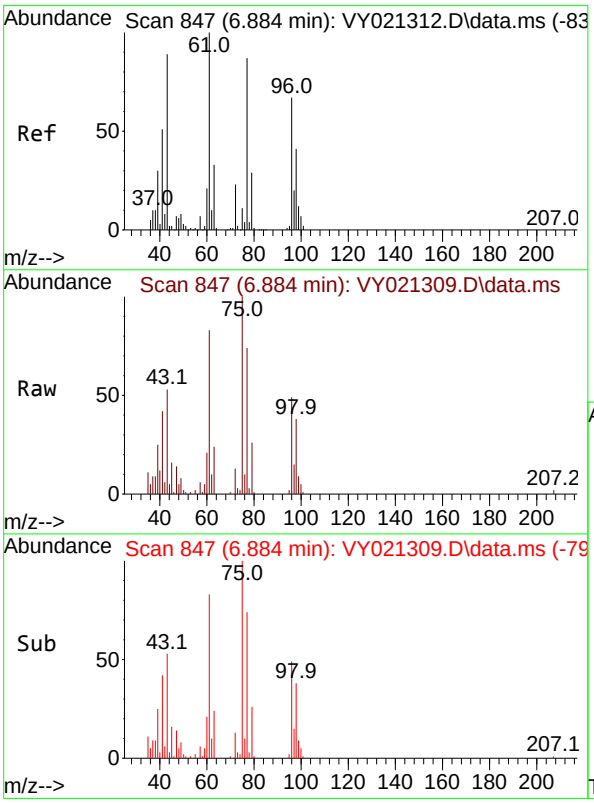
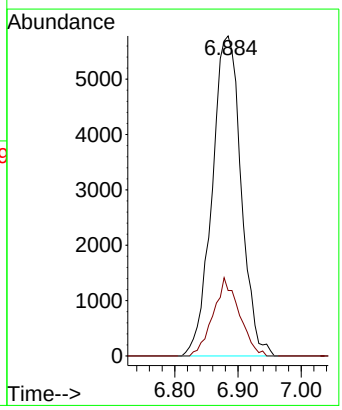


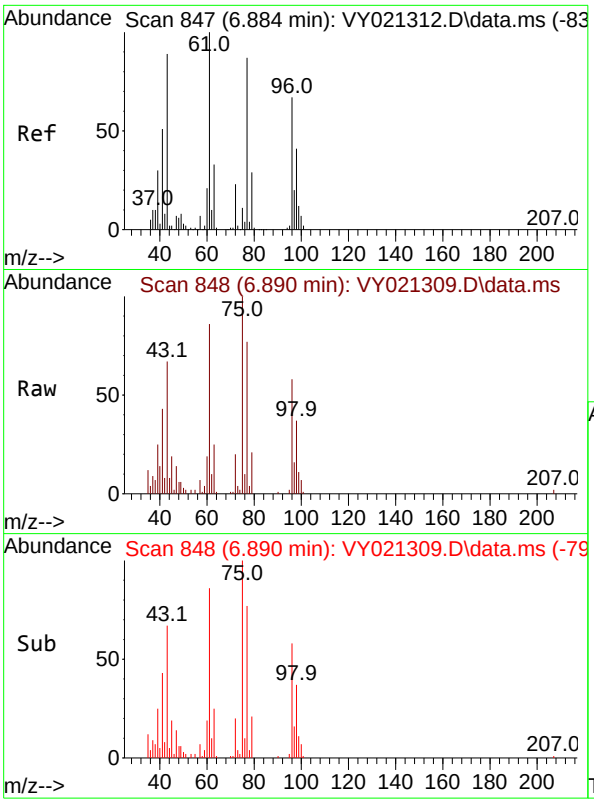


#26
2,2-Dichloropropane
Concen: 5.488 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 77 Resp: 18391

Ion	Ratio	Lower	Upper
77	100		
97	22.0	10.9	32.7

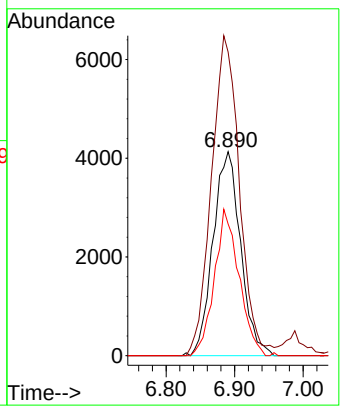




#27
cis-1,2-Dichloroethene
Concen: 5.132 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 96 Resp: 1152

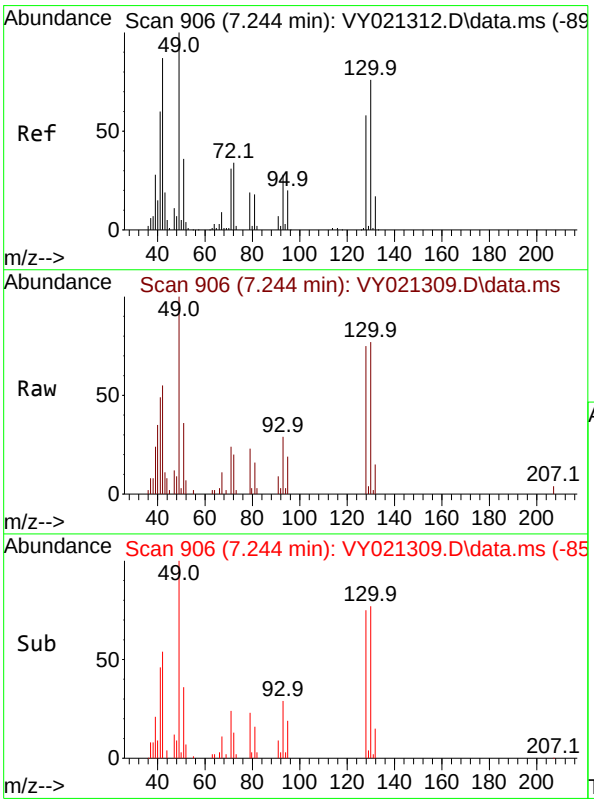
Ion	Ratio	Lower	Upper
96	100		
61	159.3	0.0	308.0
98	64.2	0.0	129.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

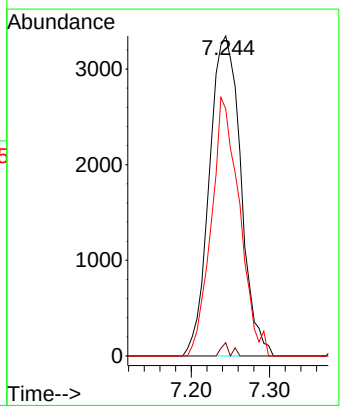
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

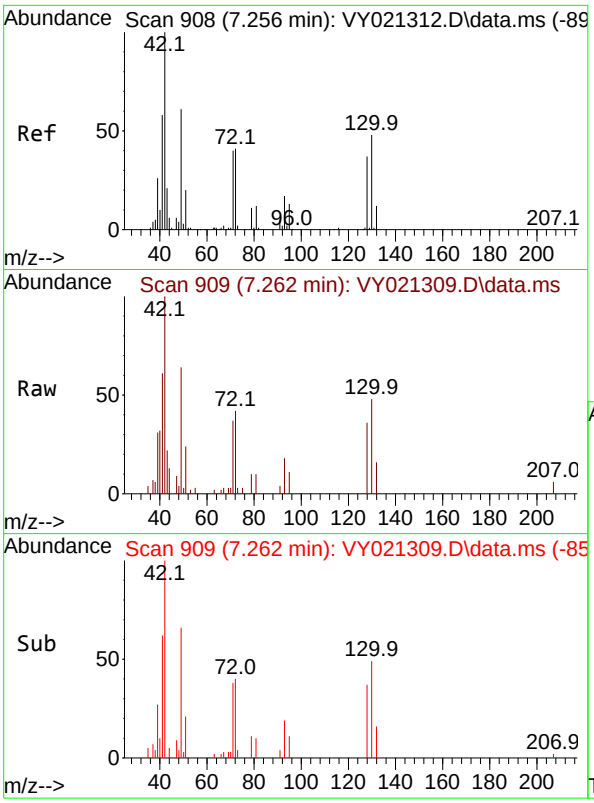


#28
Bromochloromethane
Concen: 5.702 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 49 Resp: 9318

Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.0
130	72.6	57.8	86.6

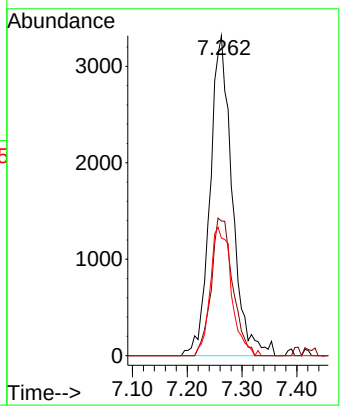




#29
Tetrahydrofuran
Concen: 24.455 ug/l
RT: 7.262 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 42 Resp: 931

Ion	Ratio	Lower	Upper
42	100		
72	41.6	33.1	49.7
71	38.3	31.4	47.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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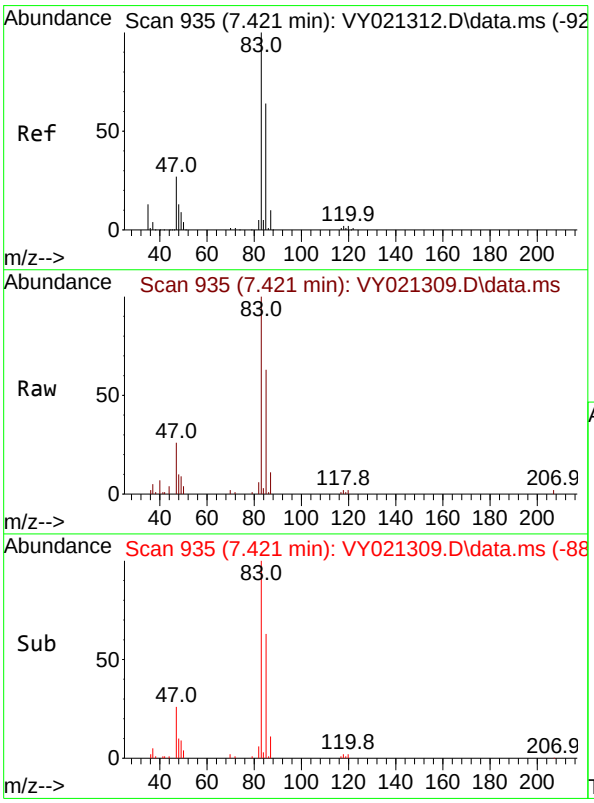
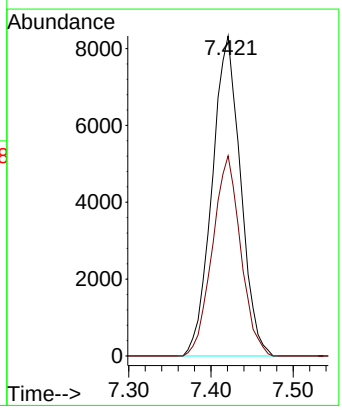
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

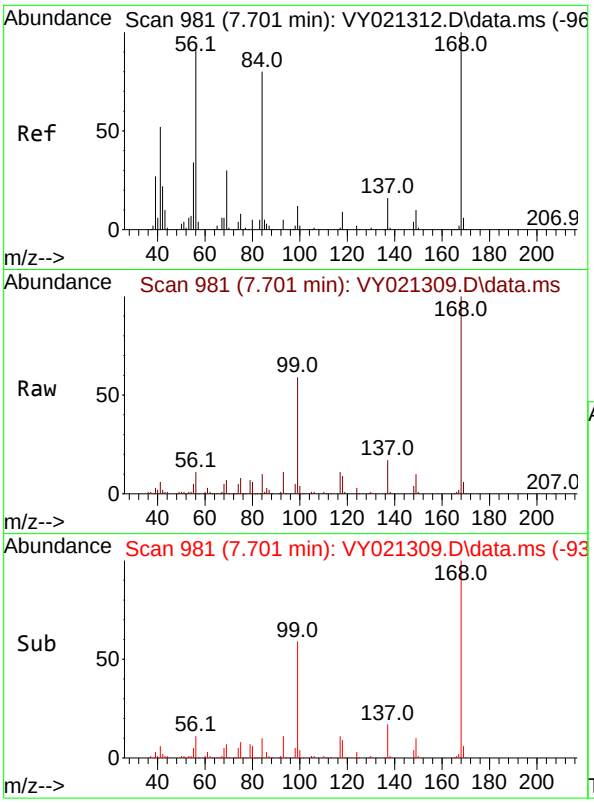


#30
Chloroform
Concen: 5.351 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 83 Resp: 20025

Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.6	77.4

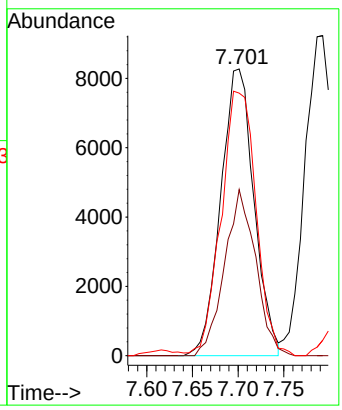




#31
Cyclohexane
Concen: 5.912 ug/l
RT: 7.701 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 56 Resp: 2099

Ion	Ratio	Lower	Upper
56	100		
69	57.9	26.2	39.4
84	90.3	70.2	105.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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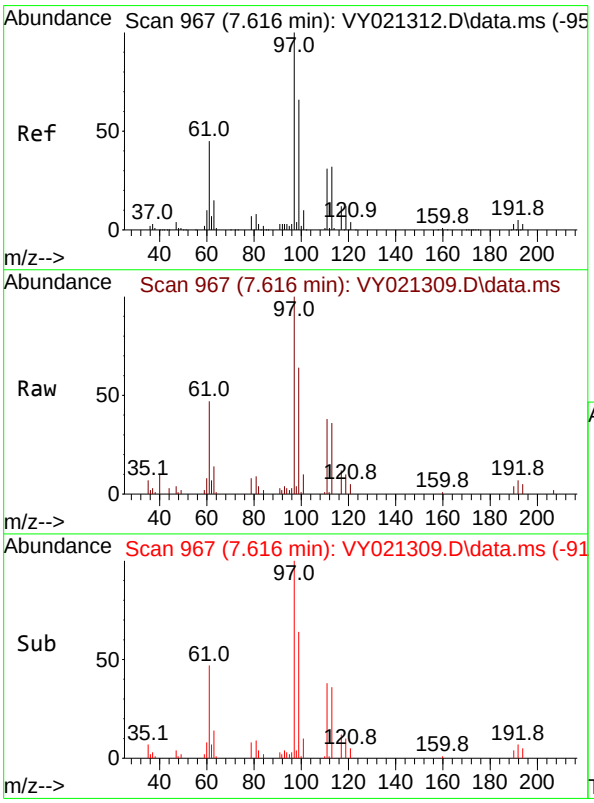
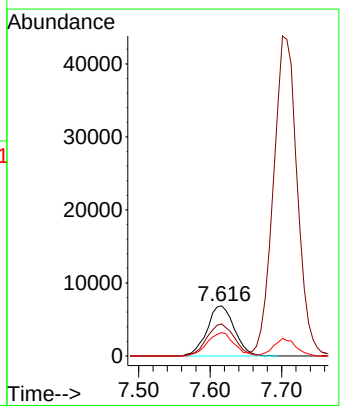
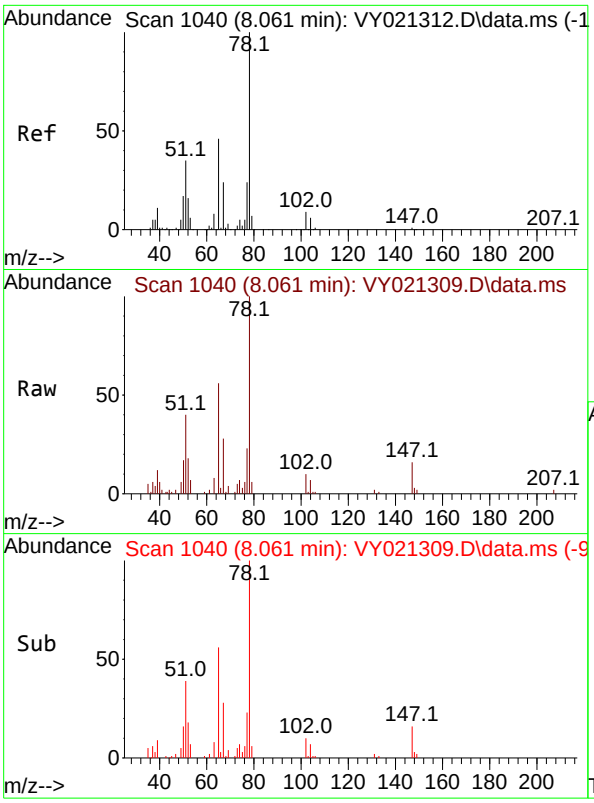


#32
1,1,1-Trichloroethane
Concen: 5.315 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 97 Resp: 18106

Ion	Ratio	Lower	Upper
97	100		
99	63.5	52.4	78.6
61	45.7	36.2	54.2

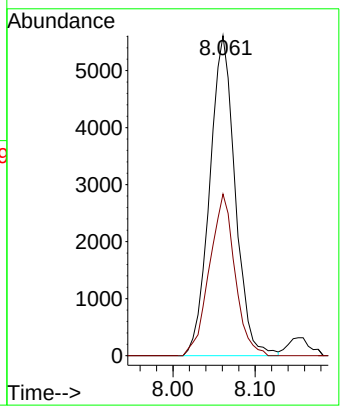




#33
1,2-Dichloroethane-d4
Concen: 6.003 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 65 Resp: 1208

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	103.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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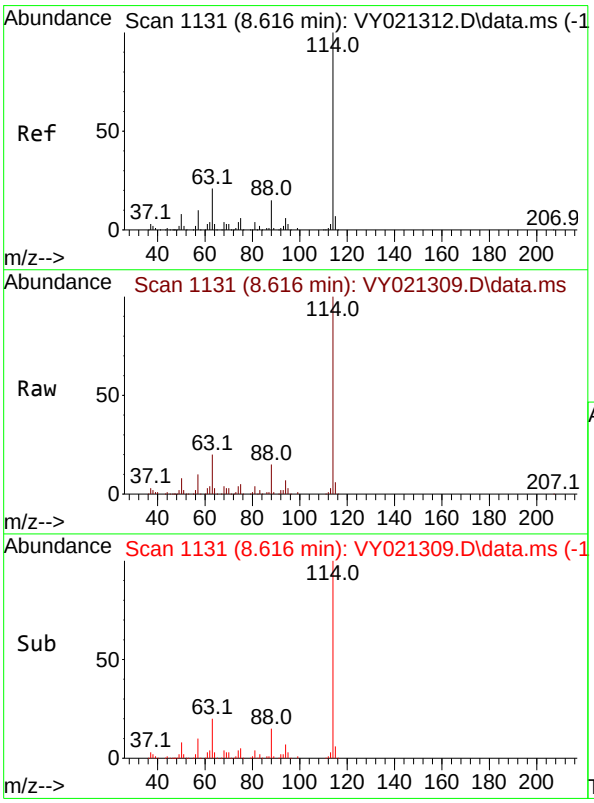
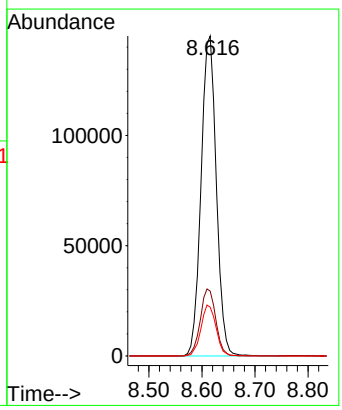
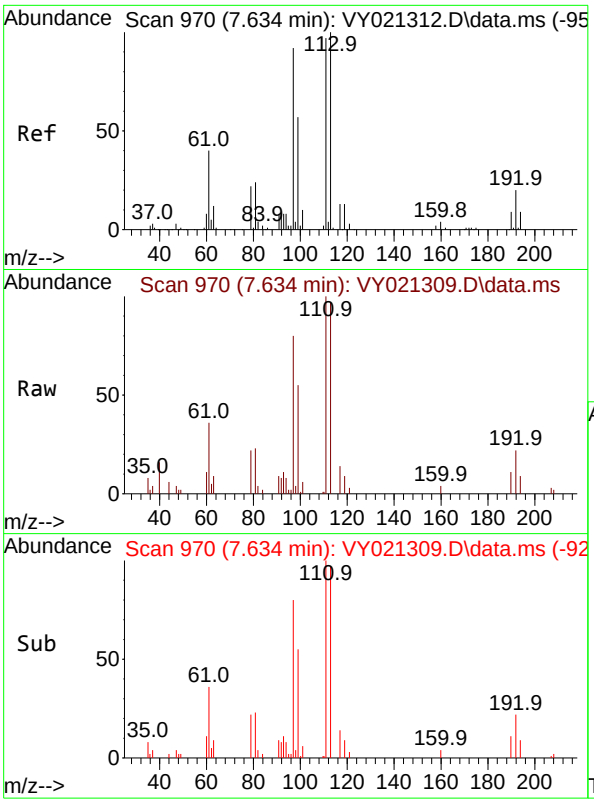


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:114 Resp: 289913

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	42.2
88	15.2	0.0	29.8

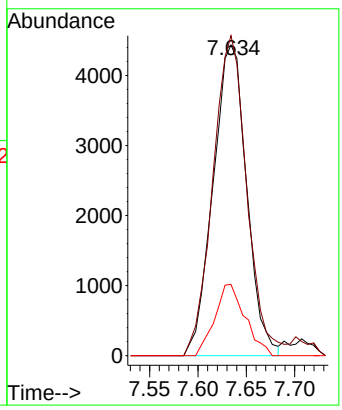




#35
Dibromofluoromethane
Concen: 5.637 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:113 Resp: 1071

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.0	121.6
192	20.8	15.8	23.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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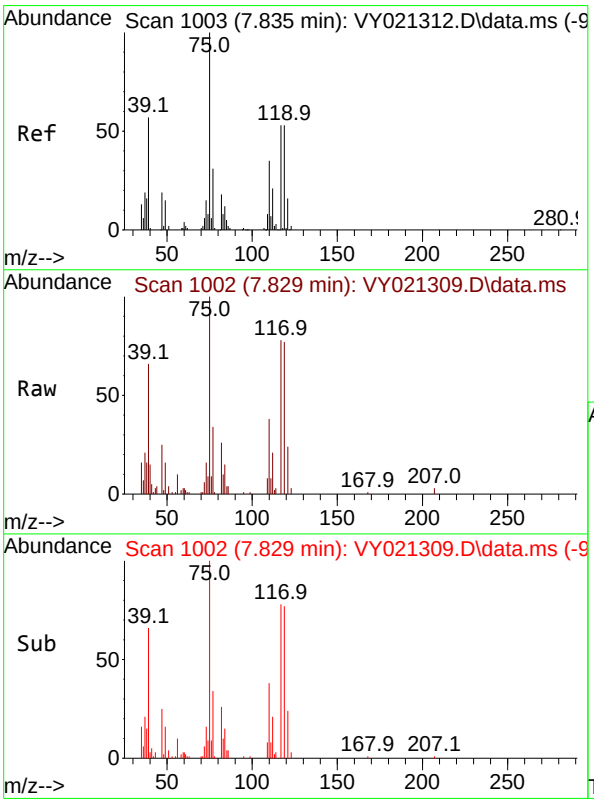
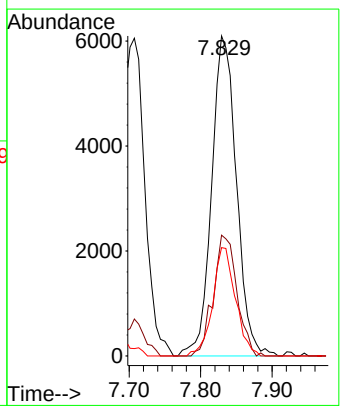
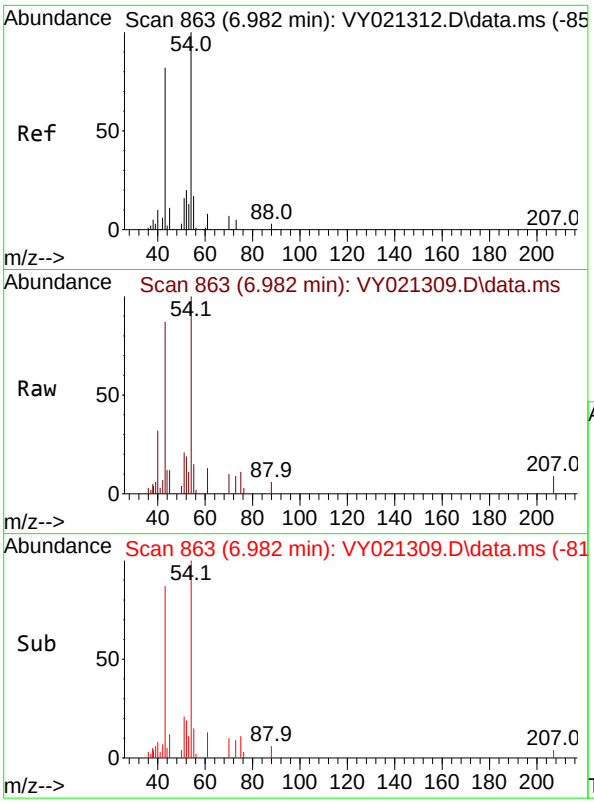


#36
1,1-Dichloropropene
Concen: 5.155 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 75 Resp: 14719

Ion	Ratio	Lower	Upper
75	100		
110	35.9	16.9	50.7
77	31.0	24.6	36.8

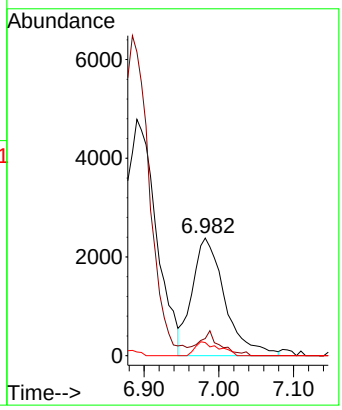




#37
Ethyl Acetate
Concen: 5.119 ug/l
RT: 6.982 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 43 Resp: 727

Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.4	15.6
70	8.5	7.5	11.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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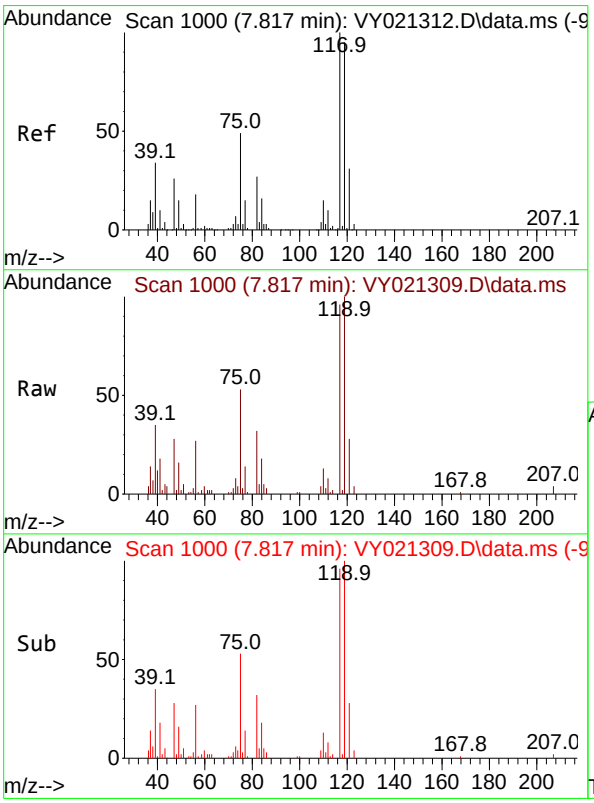
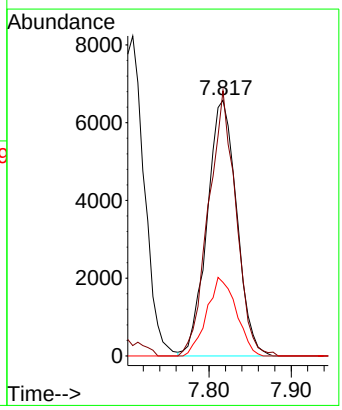
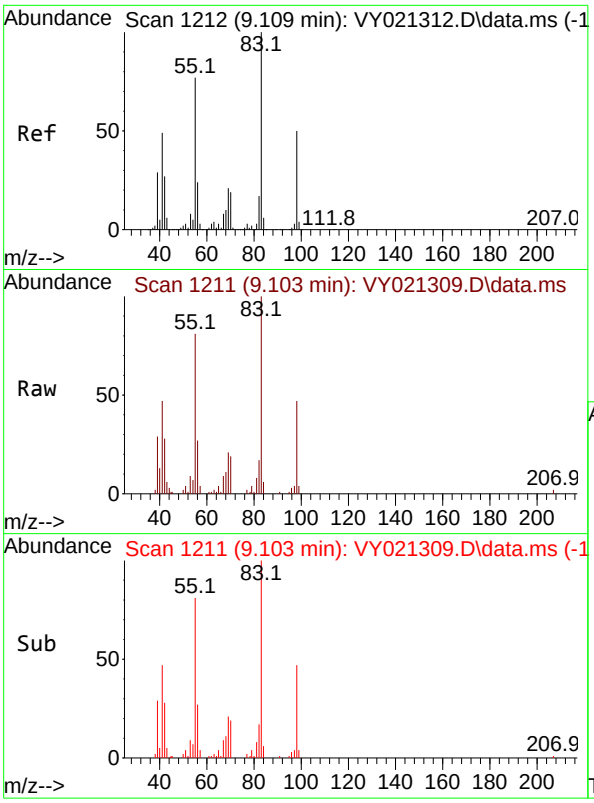


#38
Carbon Tetrachloride
Concen: 5.124 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:117 Resp: 16445

Ion	Ratio	Lower	Upper
117	100		
119	103.8	76.0	114.0
121	28.8	24.9	37.3

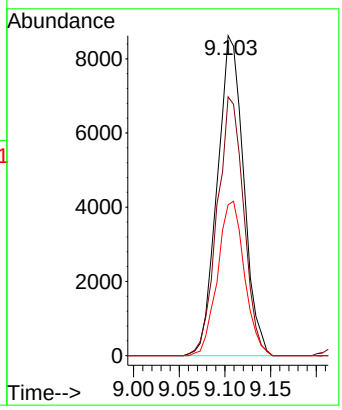




#39
Methylcyclohexane
Concen: 4.795 ug/l
RT: 9.103 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 83 Resp: 1731

Ion	Ratio	Lower	Upper
83	100		
55	80.9	61.3	91.9
98	47.2	39.9	59.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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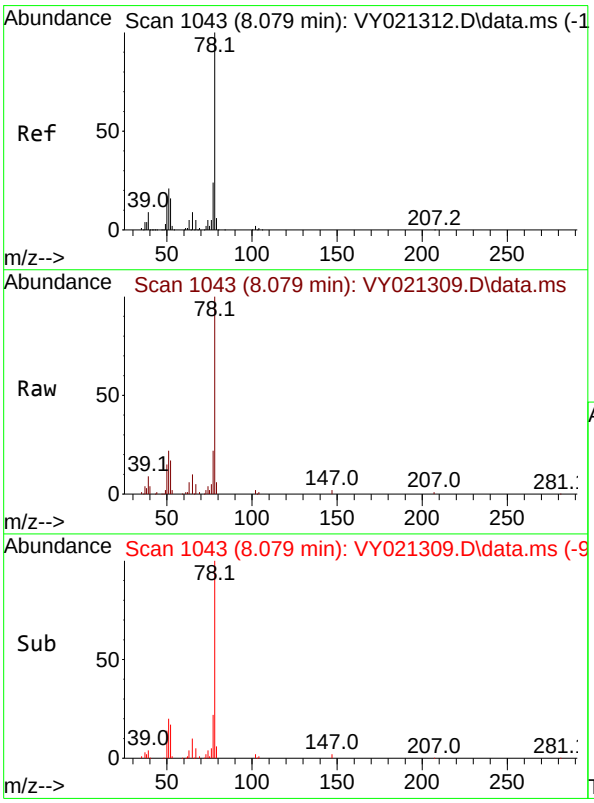
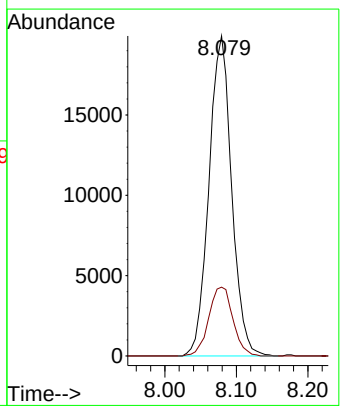
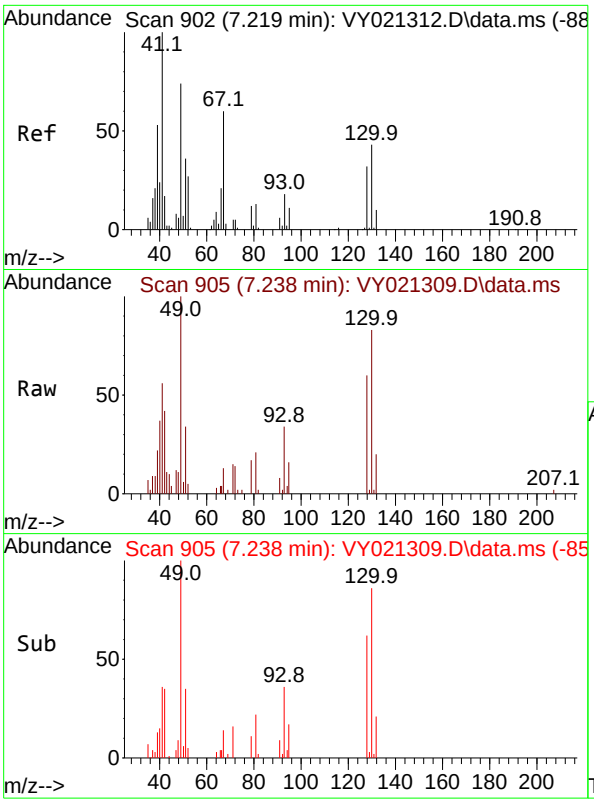


#40
Benzene
Concen: 5.203 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 78 Resp: 43912

Ion	Ratio	Lower	Upper
78	100		
77	21.5	19.2	28.8

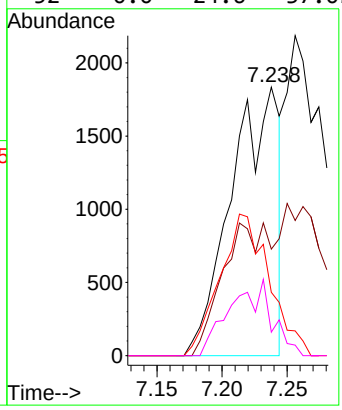




#41
Methacrylonitrile
Concen: 5.908 ug/l m
RT: 7.238 min Scan# 9
Delta R.T. 0.018 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 41 Resp: 469

Ion	Ratio	Lower	Upper
41	100		
39	35.3	42.3	63.5#
67	54.1	54.8	82.2#
52	0.0	24.6	37.0#



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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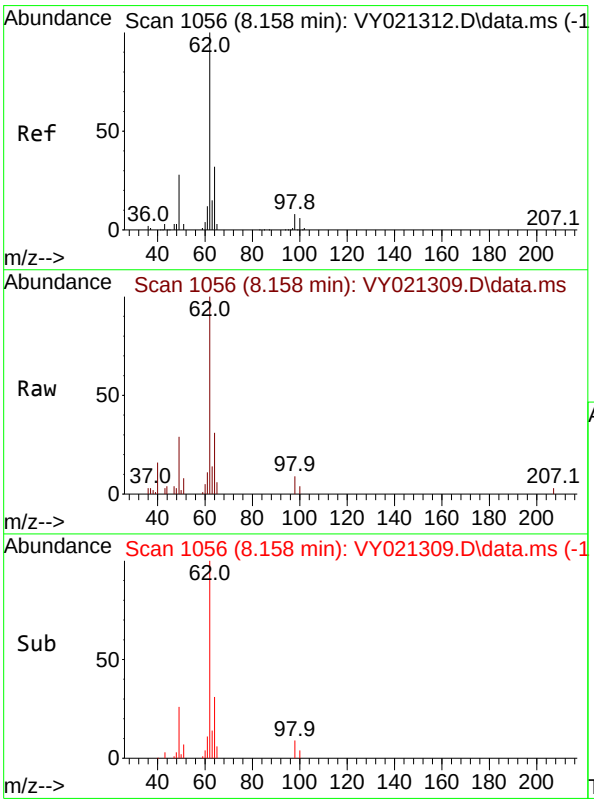
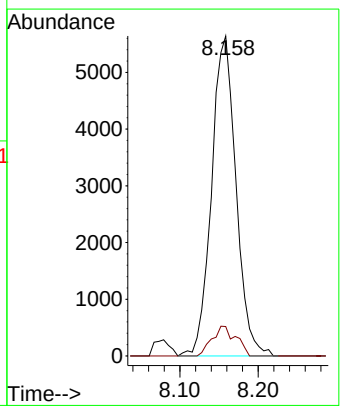
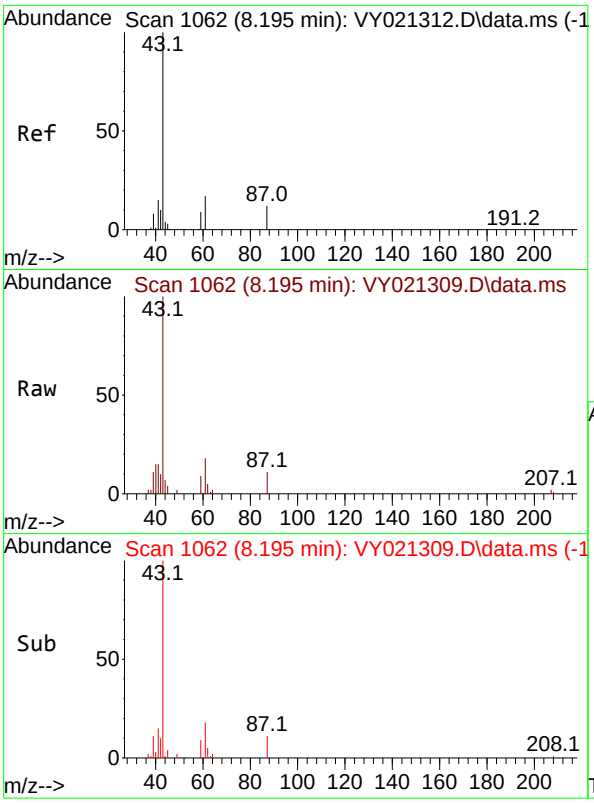


#42
1,2-Dichloroethane
Concen: 5.110 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 62 Resp: 12236

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.6

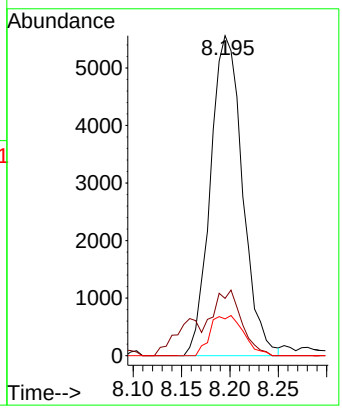




#43
Isopropyl Acetate
Concen: 4.668 ug/l
RT: 8.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 43 Resp: 1283

Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.0	22.6
87	13.0	10.0	15.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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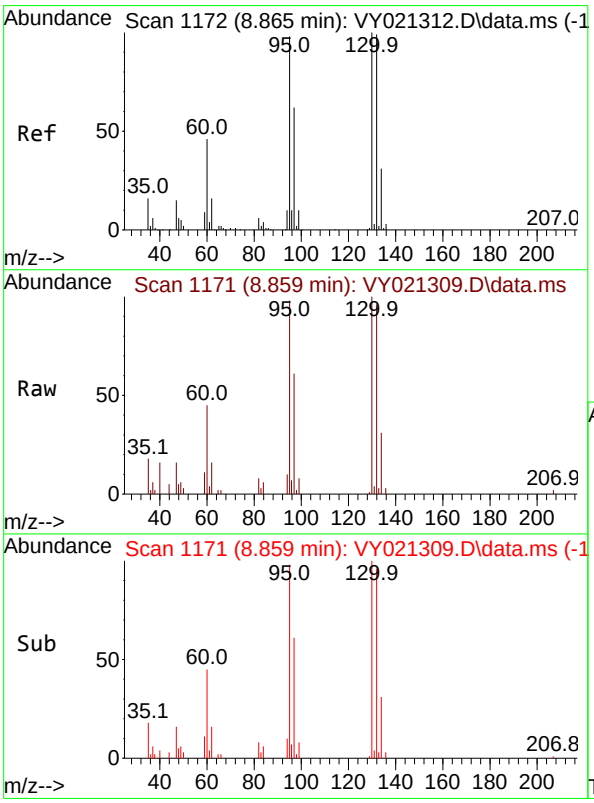
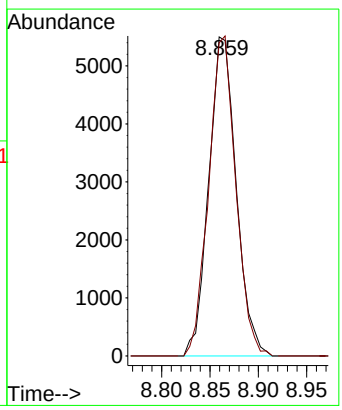
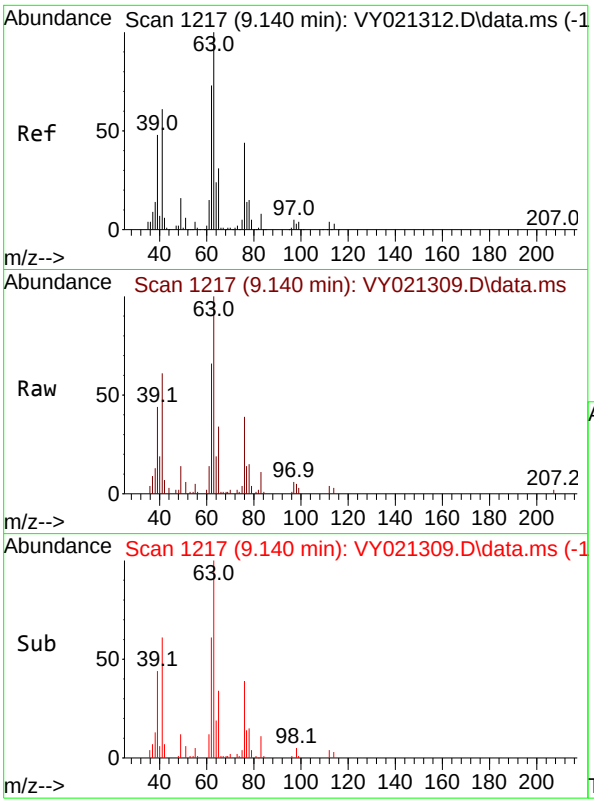


#44
Trichloroethene
Concen: 5.143 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:130 Resp: 10868

Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	196.0

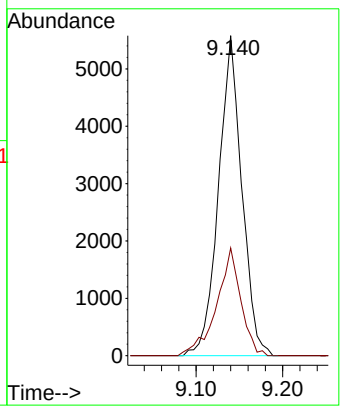




#45
1,2-Dichloropropane
Concen: 5.133 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 63 Resp: 1042

Ion	Ratio	Lower	Upper
63	100		
65	33.6	24.6	36.8



Instrument :
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ClientSampleId :
VSTDICC005

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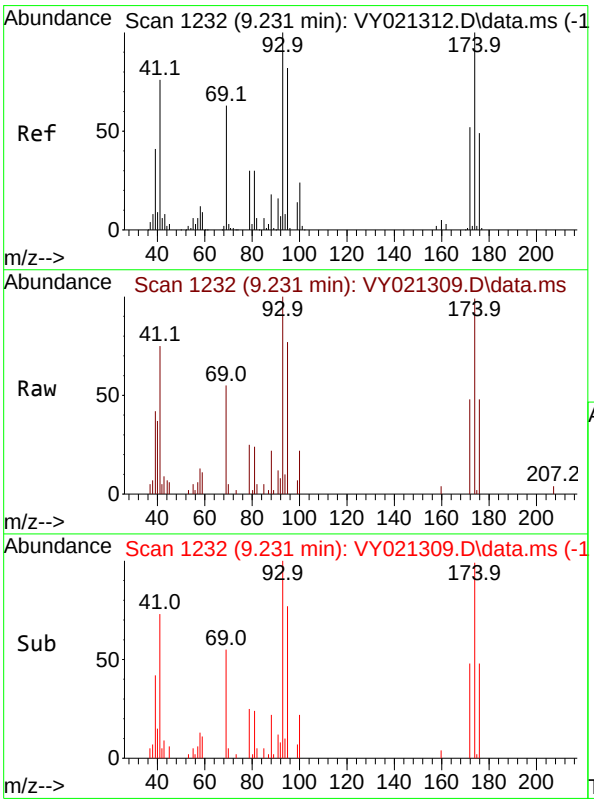
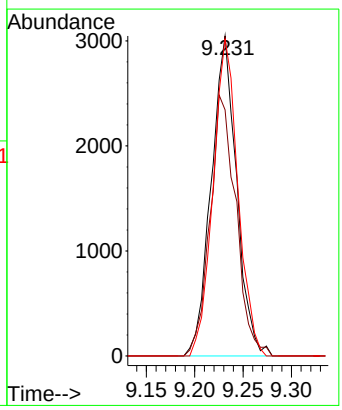
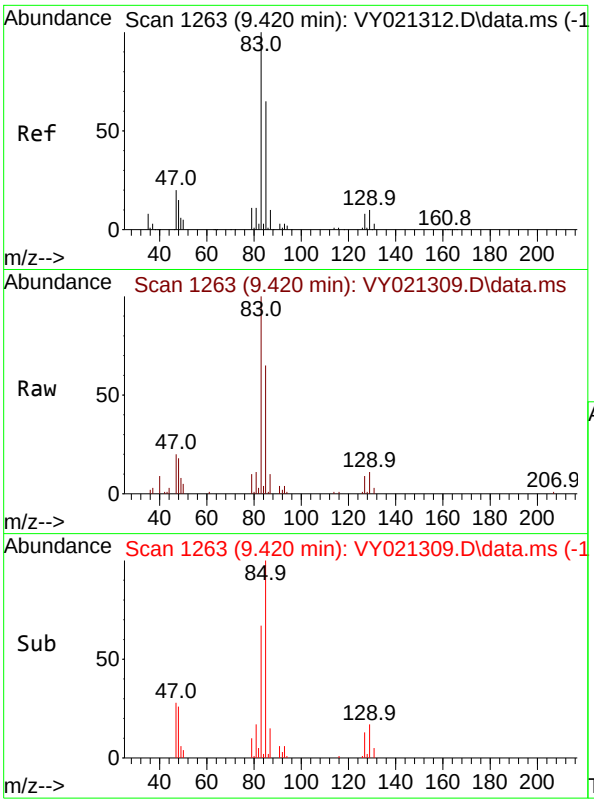


#46
Dibromomethane
Concen: 5.005 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 93 Resp: 5557

Ion	Ratio	Lower	Upper
93	100		
95	83.1	66.4	99.6
174	97.3	78.2	117.2

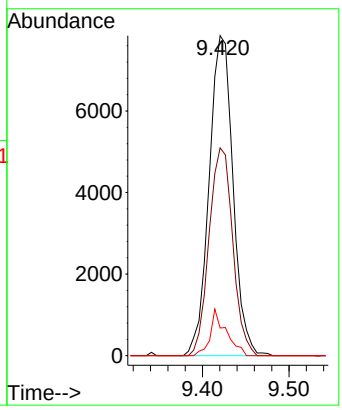




#47
Bromodichloromethane
Concen: 5.081 ug/l
RT: 9.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 83 Resp: 1504

Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.8	77.8
127	8.7	6.7	10.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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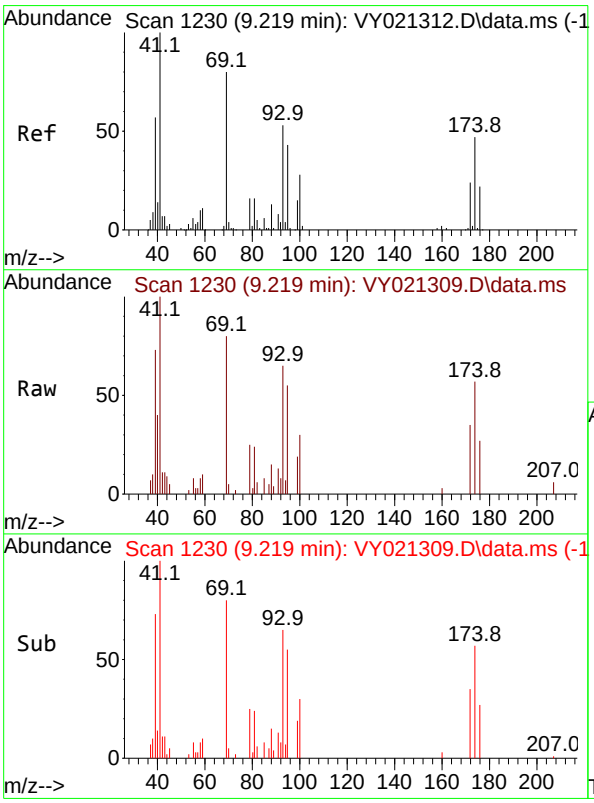
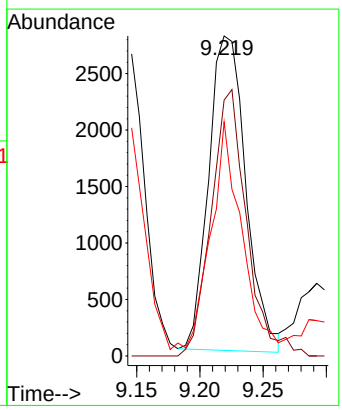
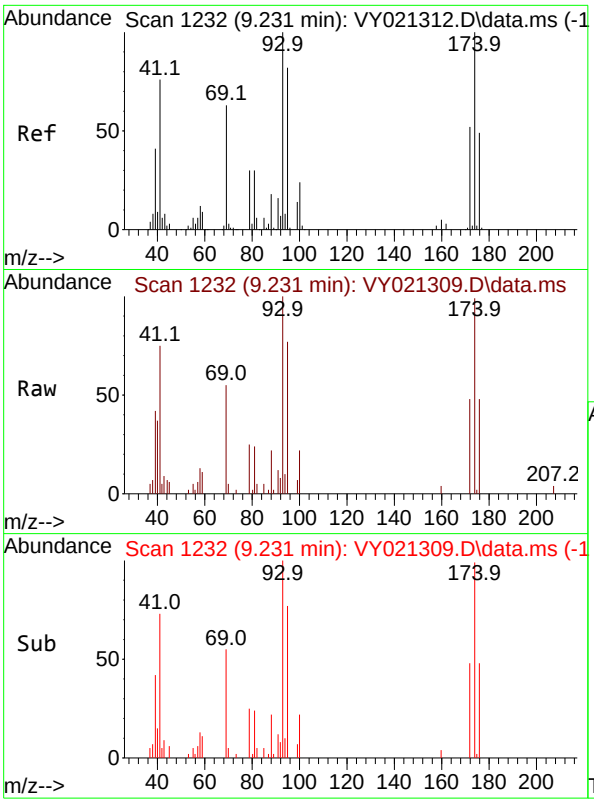


#48
Methyl methacrylate
Concen: 4.433 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 41 Resp: 5698

Ion	Ratio	Lower	Upper
41	100		
69	80.6	63.3	94.9
39	62.7	45.0	67.6

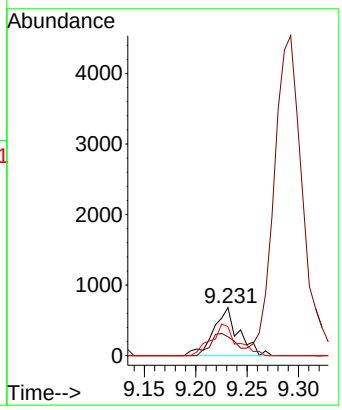




#49
1,4-Dioxane
Concen: 94.292 ug/l
RT: 9.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 88 Resp: 116

Ion	Ratio	Lower	Upper
88	100		
43	43.6	34.8	52.2
58	67.1	59.8	89.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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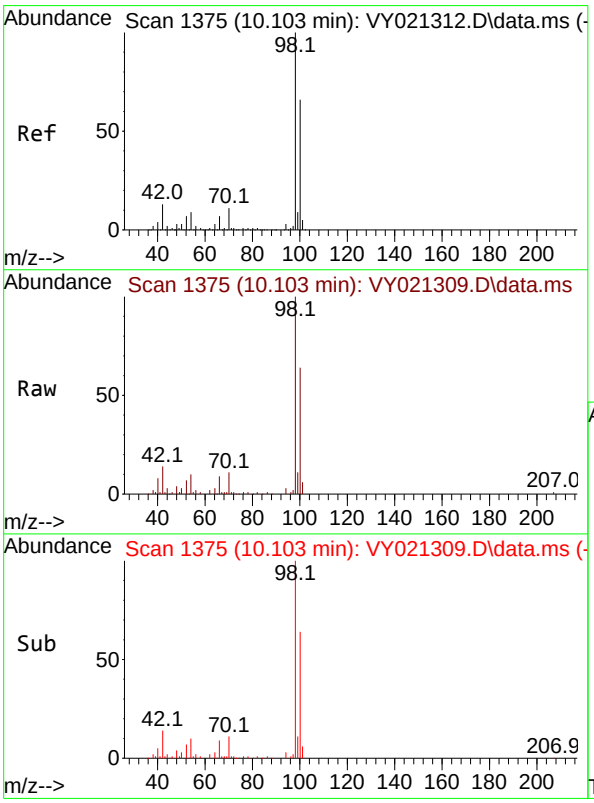
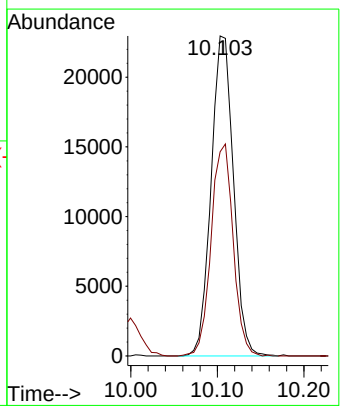
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

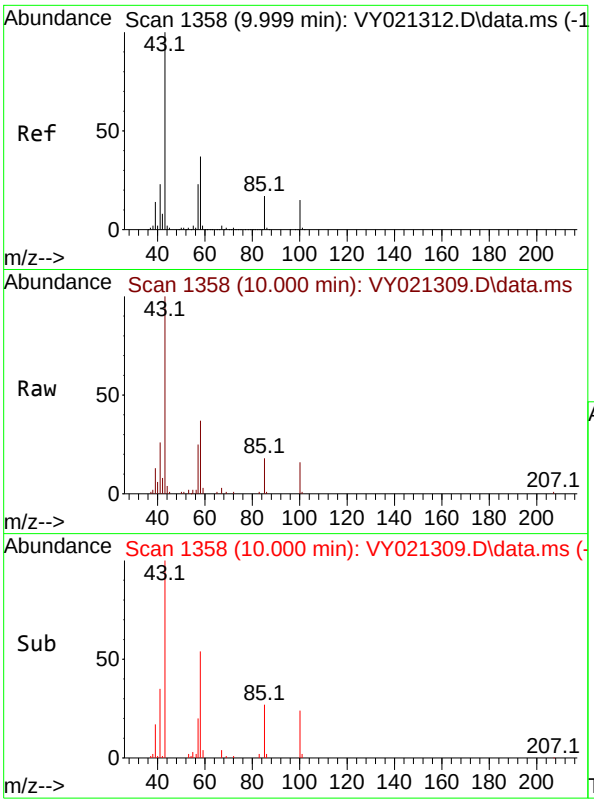


#50
Toluene-d8
Concen: 5.603 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 98 Resp: 41158

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.4	78.6

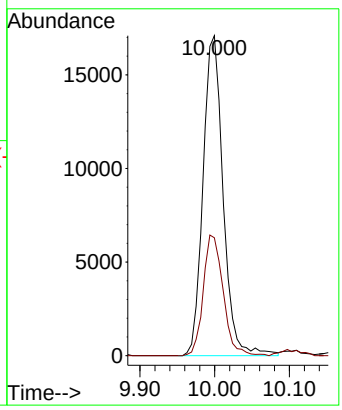




#51
4-Methyl-2-Pentanone
Concen: 22.677 ug/l
RT: 10.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 43 Resp: 3191

Ion	Ratio	Lower	Upper
43	100		
58	37.3	30.1	45.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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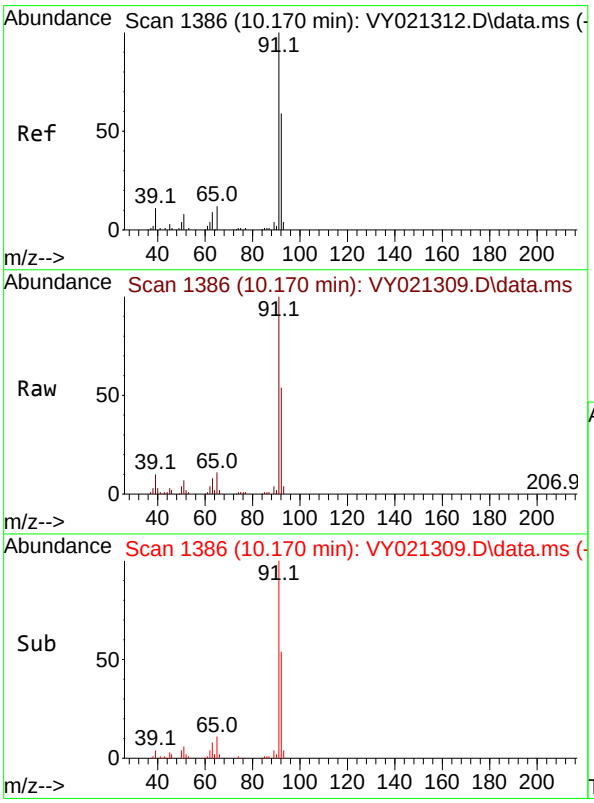
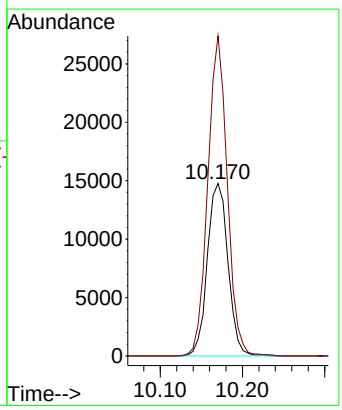
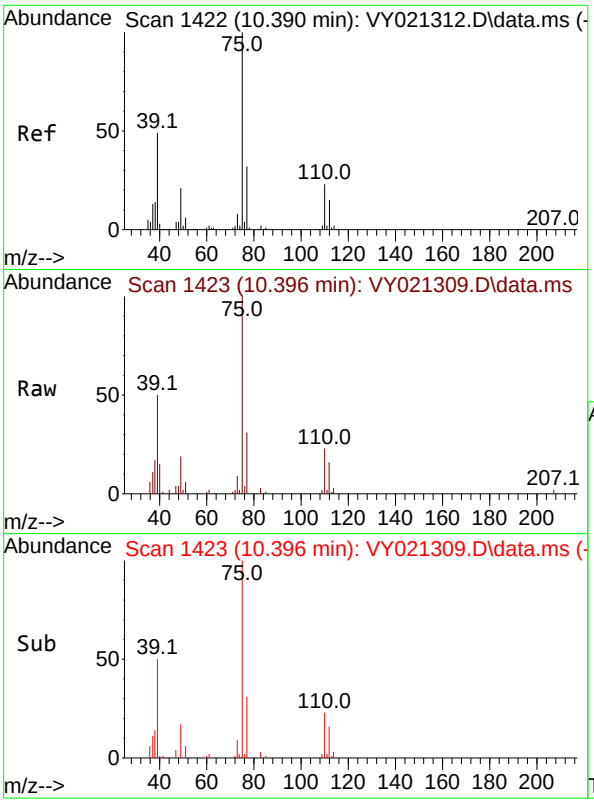


#52
Toluene
Concen: 4.905 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 92 Resp: 25715

Ion	Ratio	Lower	Upper
92	100		
91	175.2	137.8	206.8

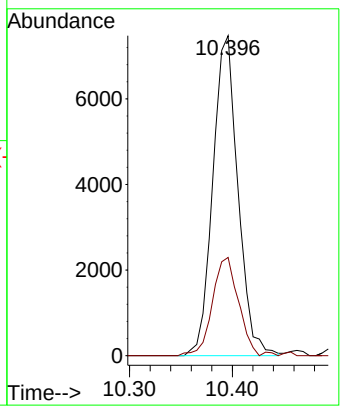




#53
t-1,3-Dichloropropene
Concen: 4.682 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 75 Resp: 1269

Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.3	37.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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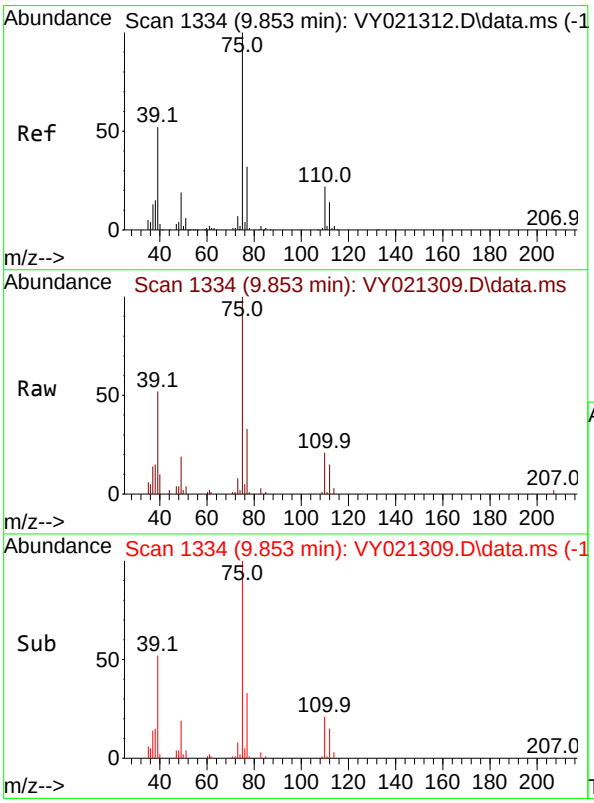
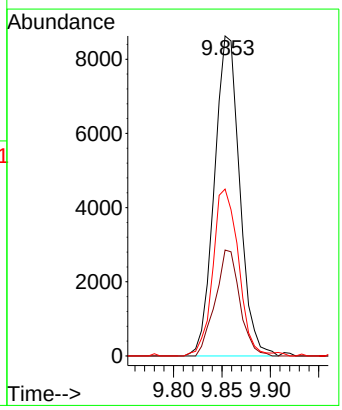
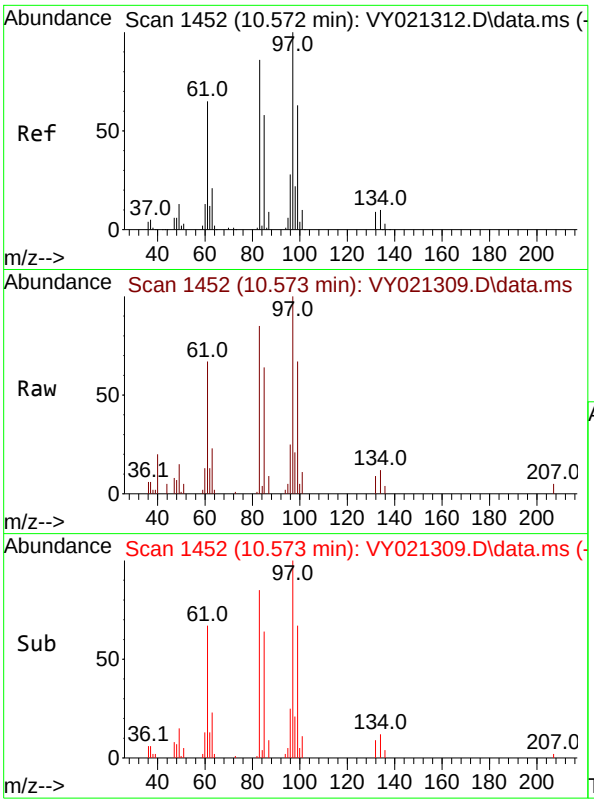


#54
cis-1,3-Dichloropropene
Concen: 4.899 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 75 Resp: 15685

Ion	Ratio	Lower	Upper
75	100		
77	33.1	25.7	38.5
39	52.2	41.8	62.6

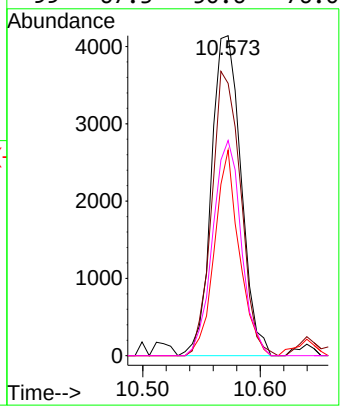




#55
1,1,2-Trichloroethane
Concen: 5.019 ug/l
RT: 10.573 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 97 Resp: 725

Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.7	103.1
85	64.3	46.3	69.5
99	67.3	50.6	76.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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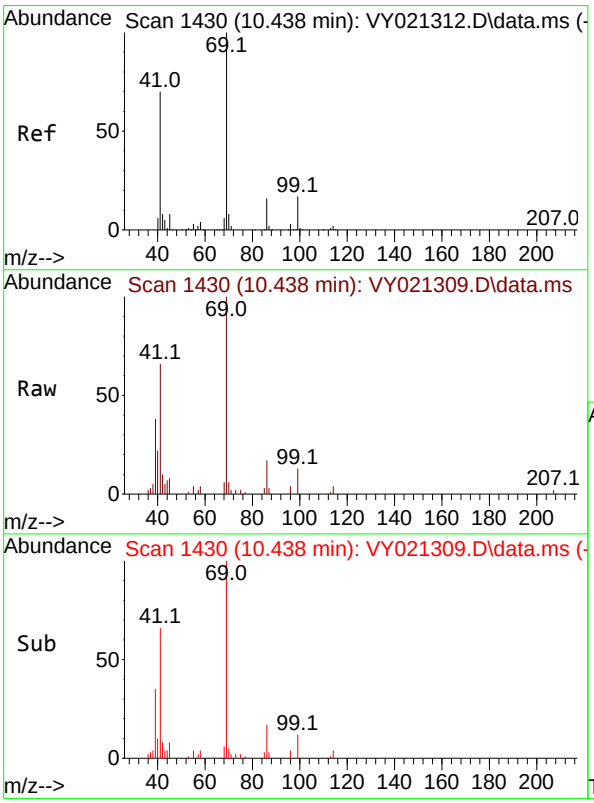
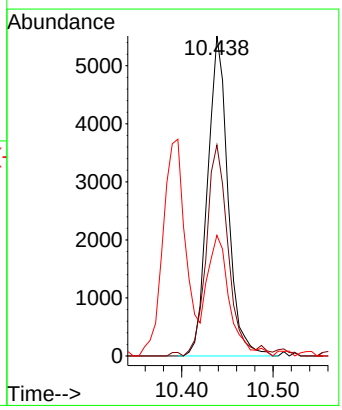
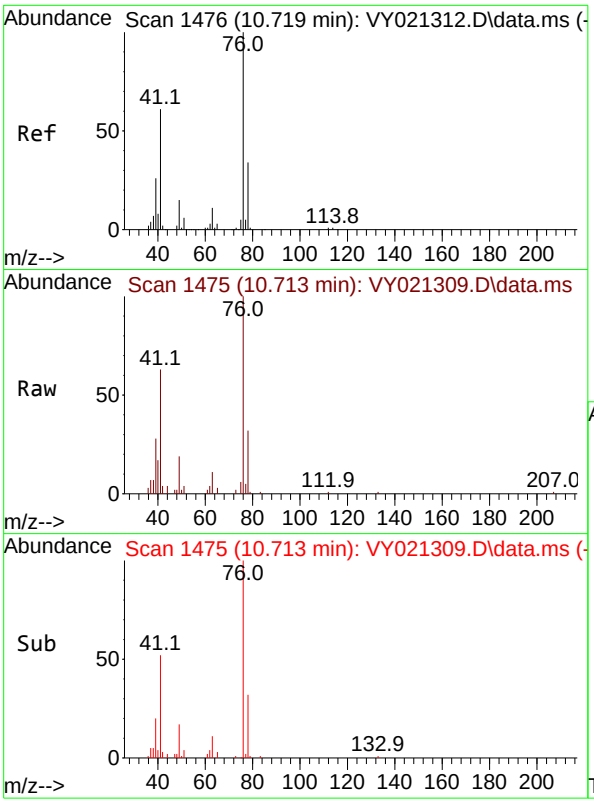


#56
Ethyl methacrylate
Concen: 4.267 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 69 Resp: 8528

Ion	Ratio	Lower	Upper
69	100		
41	71.9	56.2	84.4
39	40.8	32.7	49.1

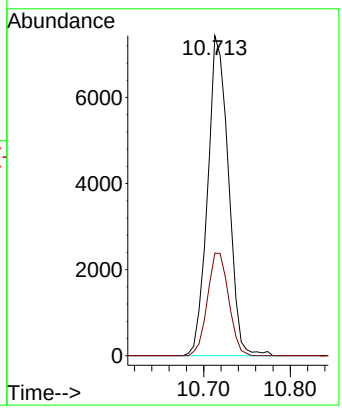




#57
1,3-Dichloropropane
Concen: 4.880 ug/l
RT: 10.713 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 76 Resp: 1238

Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.9	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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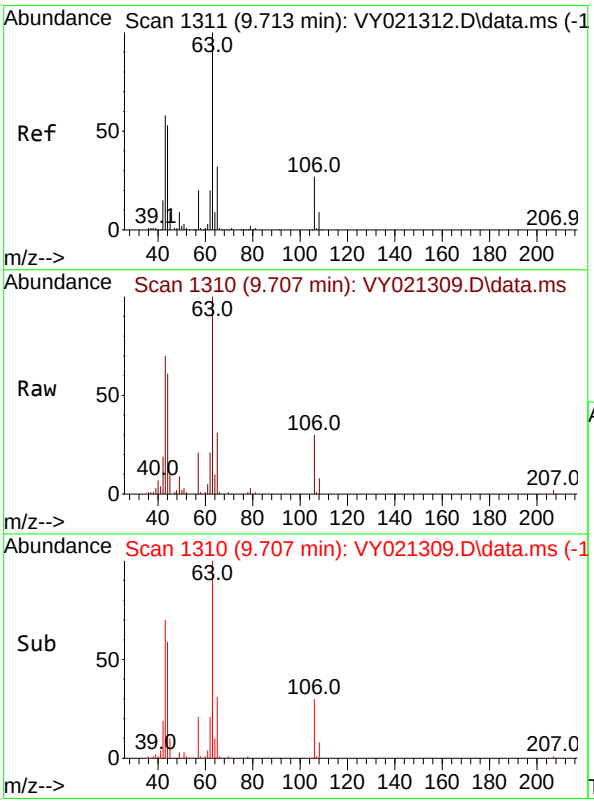
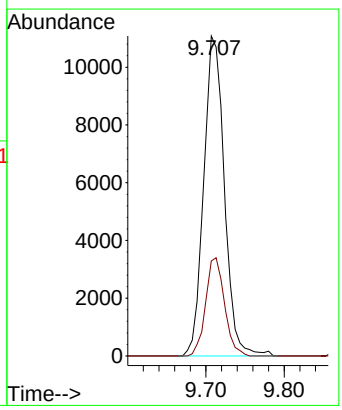
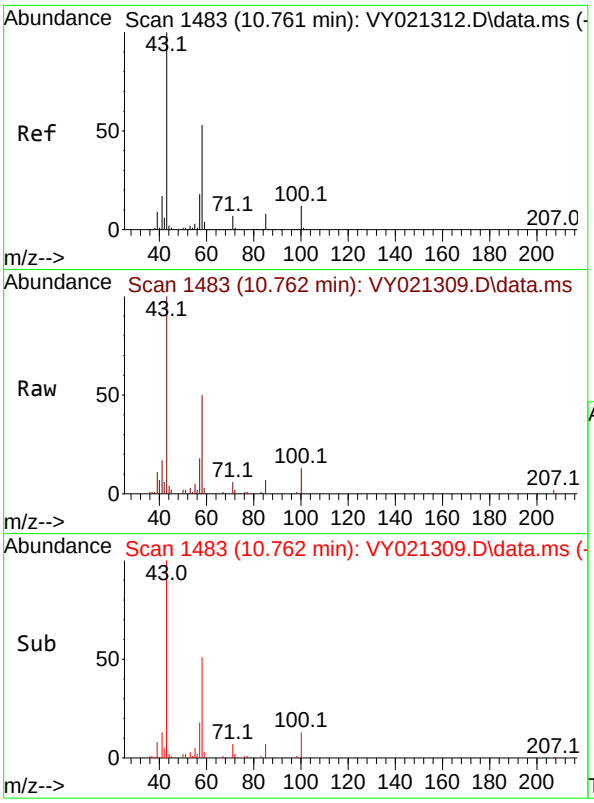


#58
2-Chloroethyl Vinyl ether
Concen: 21.153 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 63 Resp: 20290

Ion	Ratio	Lower	Upper
63	100		
106	28.0	21.7	32.5

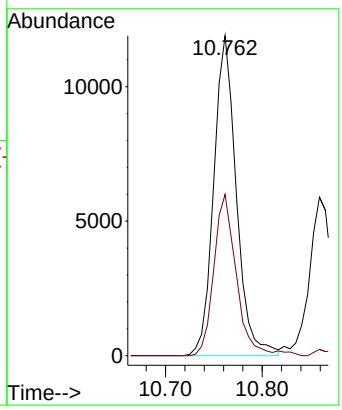




#59
2-Hexanone
Concen: 20.897 ug/l
RT: 10.762 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 43 Resp: 1931

Ion	Ratio	Lower	Upper
43	100		
58	49.3	25.9	77.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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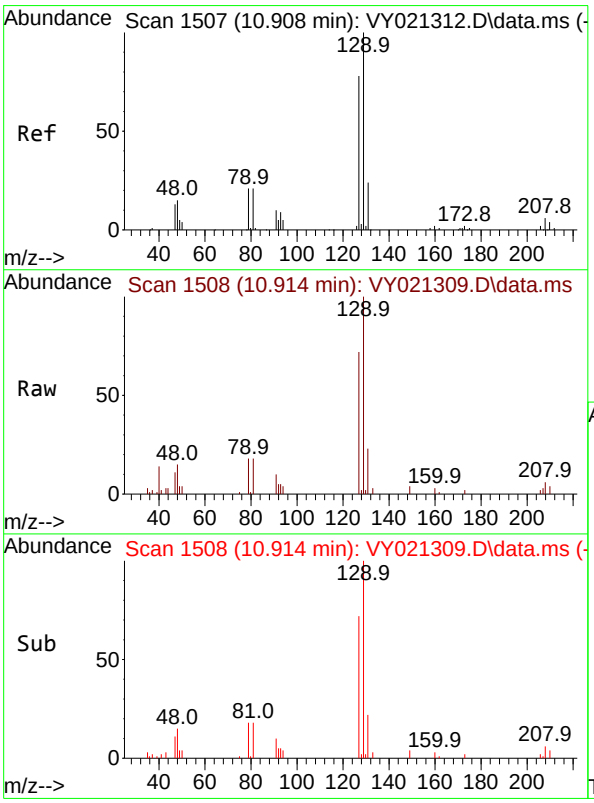
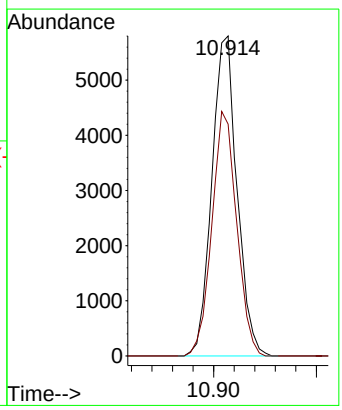
Supervised By :Mahesh Dadoda 02/26/2025

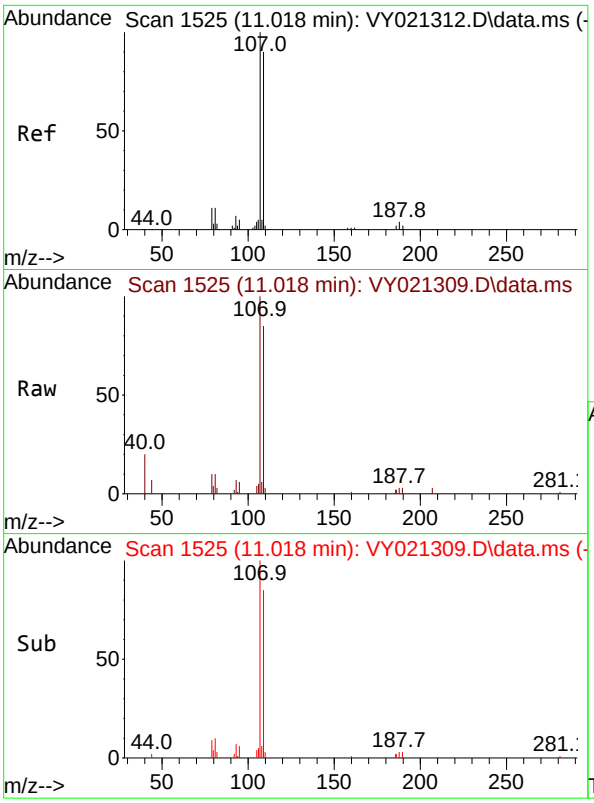


#60
Dibromochloromethane
Concen: 4.998 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:129 Resp: 9844

Ion	Ratio	Lower	Upper
129	100		
127	75.4	38.8	116.4

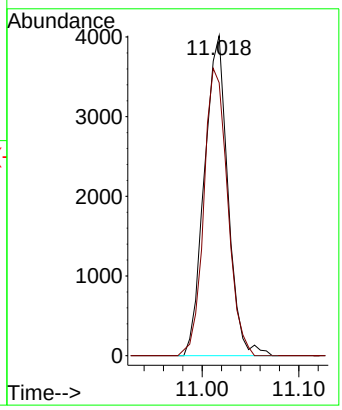




#61
1,2-Dibromoethane
Concen: 4.960 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:107 Resp: 679

Ion	Ratio	Lower	Upper
107	100		
109	90.5	73.8	110.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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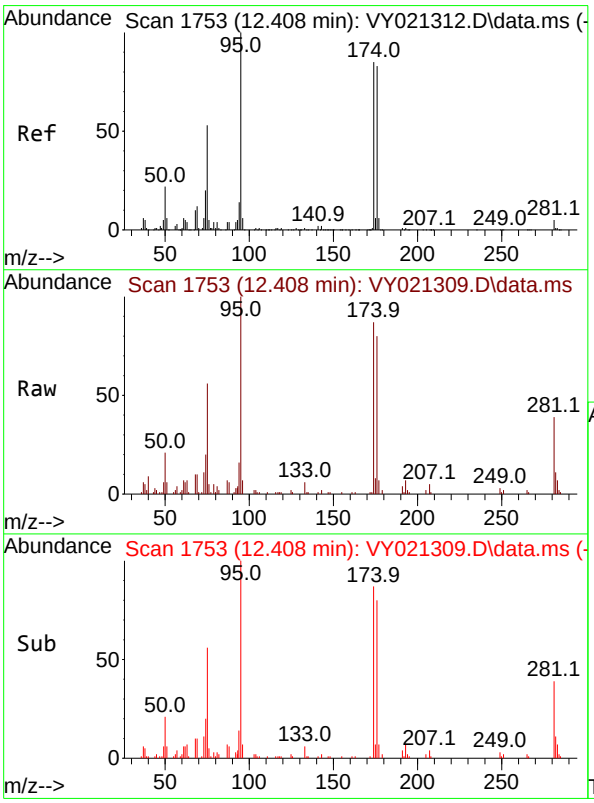
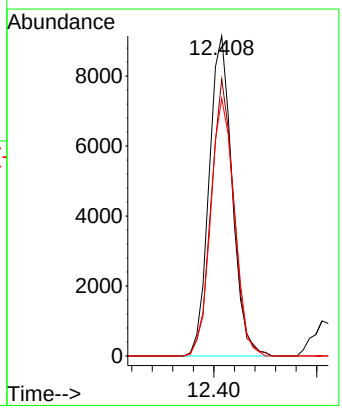
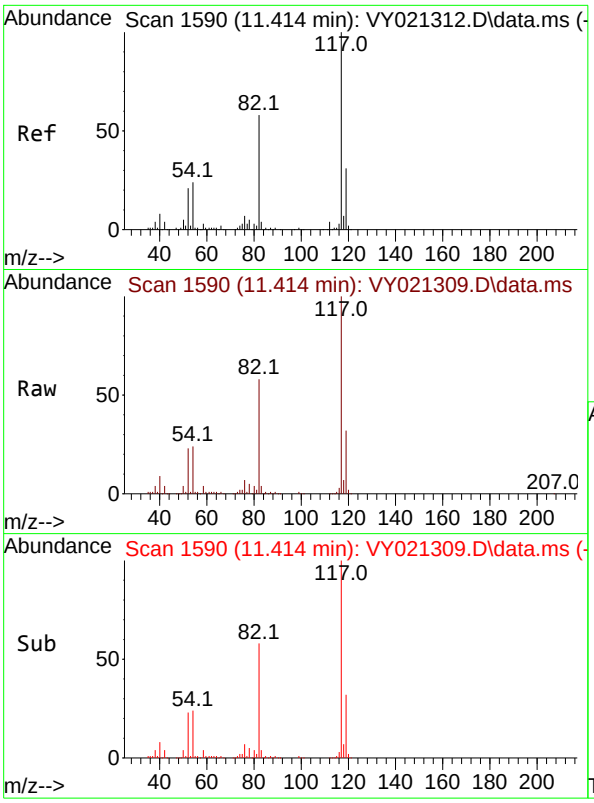


#62
4-Bromofluorobenzene
Concen: 5.741 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 95 Resp: 14192

Ion	Ratio	Lower	Upper
95	100		
174	85.3	0.0	168.0
176	83.1	0.0	162.6

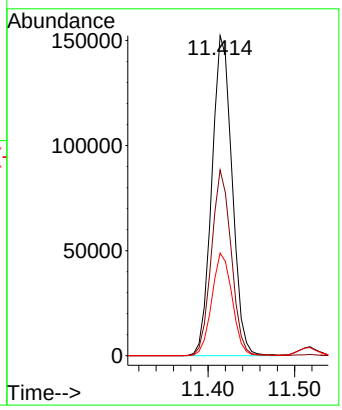




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:117 Resp: 24783

Ion	Ratio	Lower	Upper
117	100		
82	58.1	46.2	69.4
119	32.0	24.9	37.3



Instrument :
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ClientSampleId :
VSTDICC005

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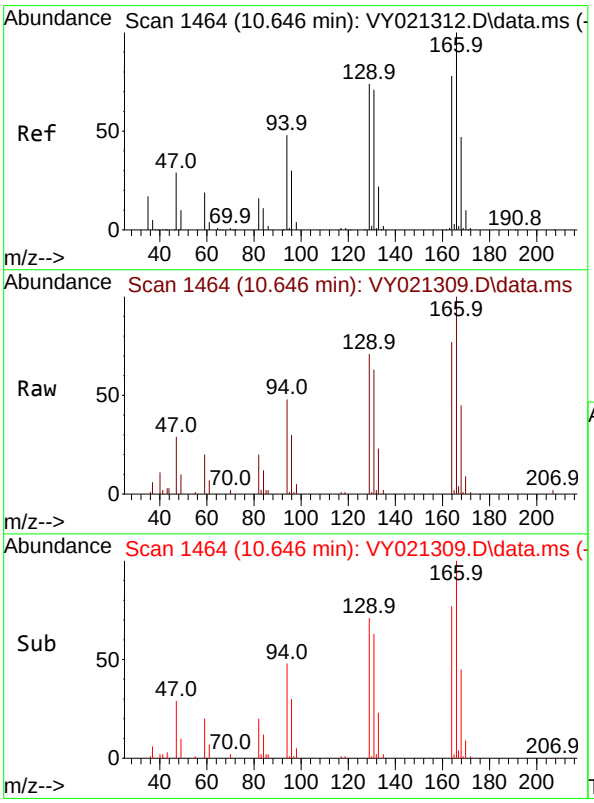
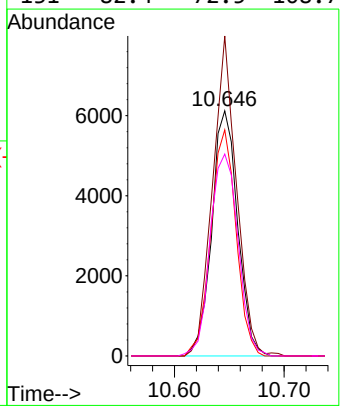
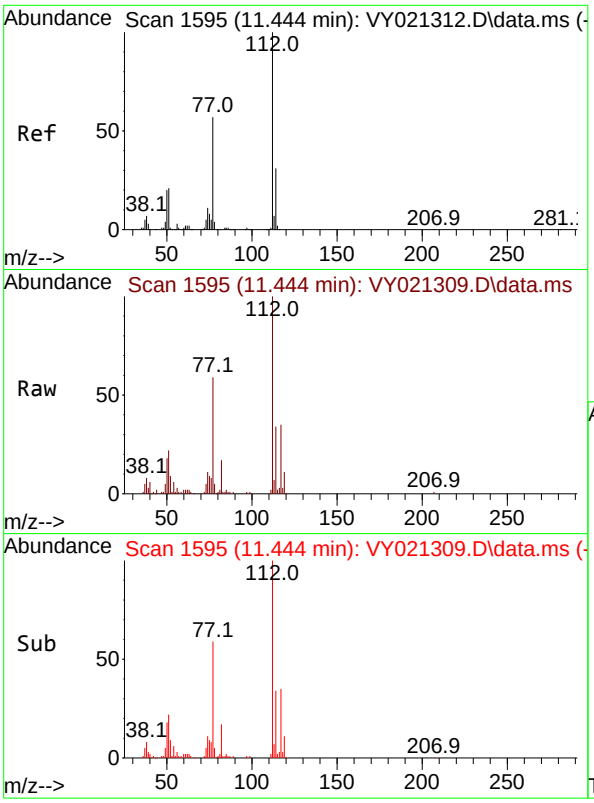


#64
Tetrachloroethene
Concen: 5.361 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:164 Resp: 10042

Ion	Ratio	Lower	Upper
164	100		
166	130.6	101.9	152.9
129	92.3	75.5	113.3
131	82.4	72.5	108.7

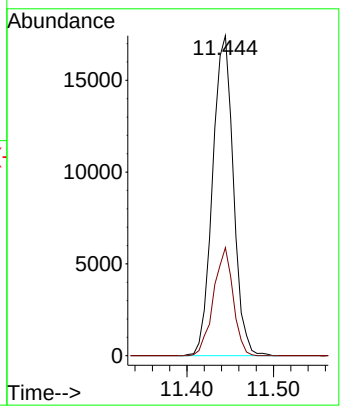




#65
Chlorobenzene
Concen: 5.217 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:112 Resp: 2902

Ion	Ratio	Lower	Upper
112	100		
114	33.8	25.0	37.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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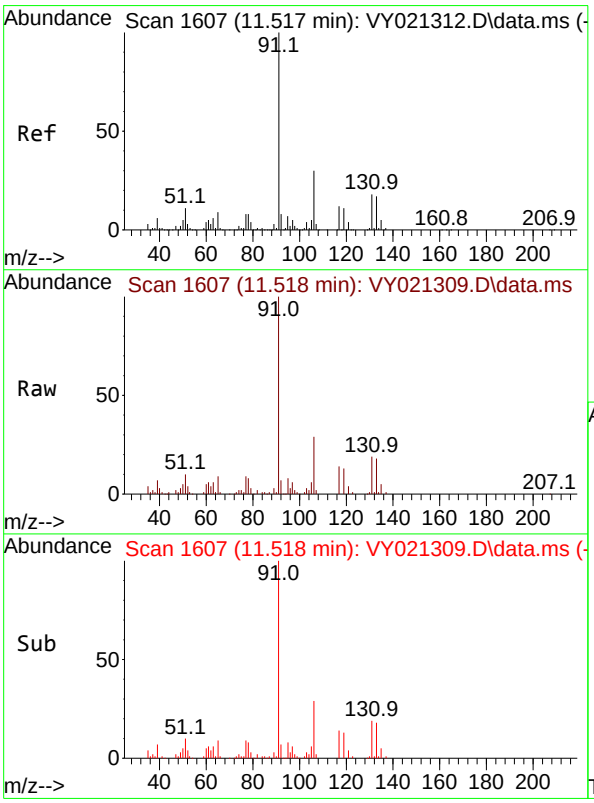
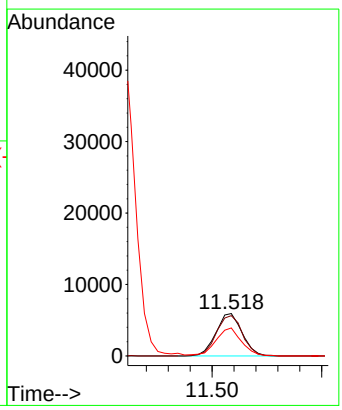
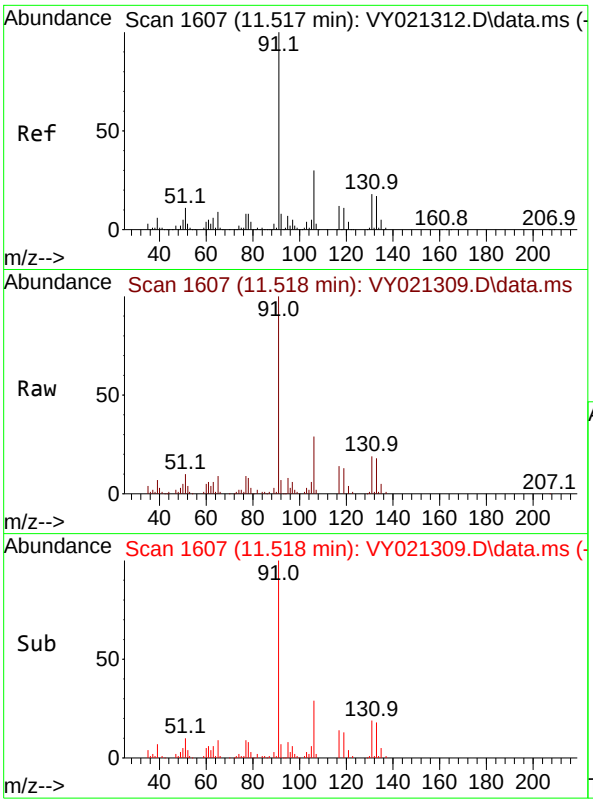


#66
1,1,1,2-Tetrachloroethane
Concen: 5.043 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:131 Resp: 9824

Ion	Ratio	Lower	Upper
131	100		
133	95.8	47.9	143.6
119	64.5	31.7	95.1





#67
Ethyl Benzene
Concen: 4.874 ug/l
RT: 11.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 91 Resp: 4802

Ion	Ratio	Lower	Upper
91	100		
106	28.8	24.4	36.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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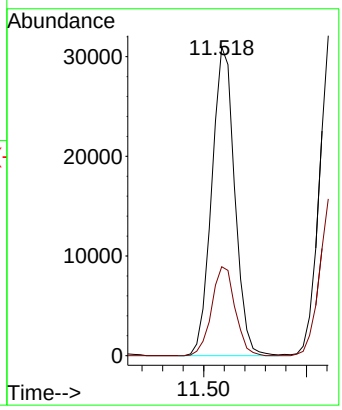
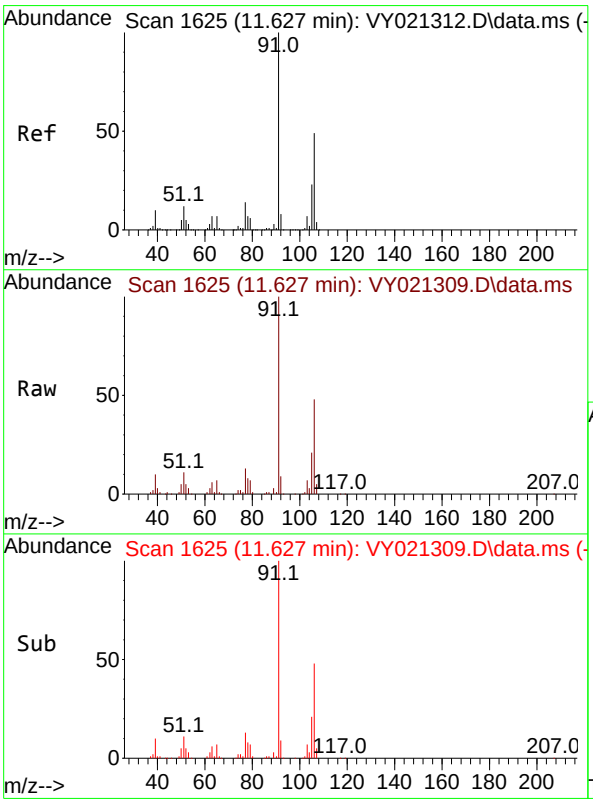
Supervised By :Mahesh Dadoda 02/26/2025

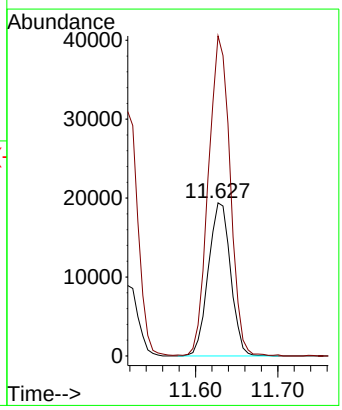


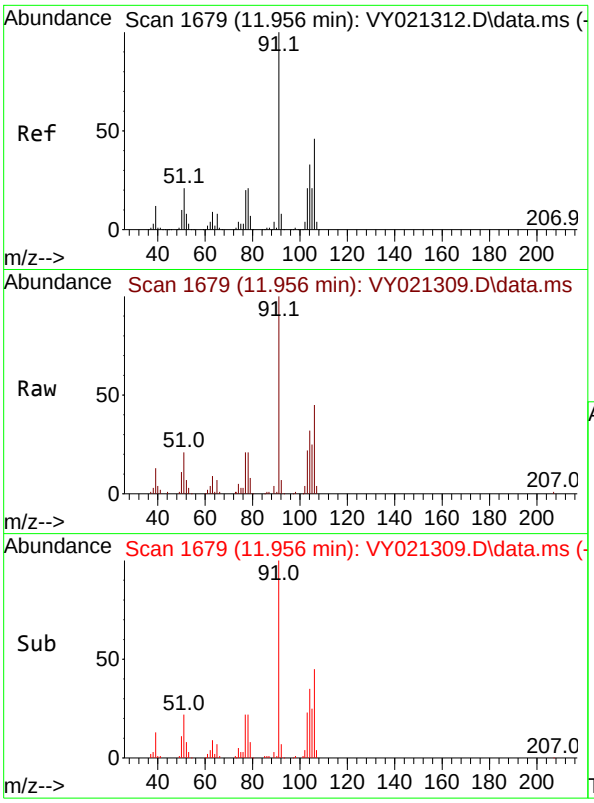


#68
m/p-Xylenes
Concen: 9.833 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:106 Resp: 36446

Ion	Ratio	Lower	Upper
106	100		
91	205.1	163.9	245.9

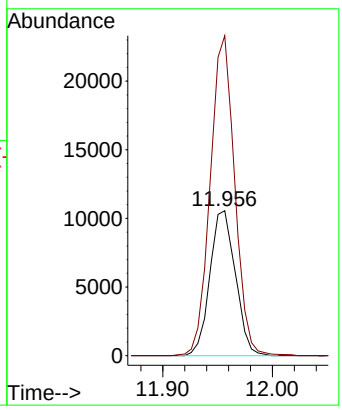




#69
o-Xylene
Concen: 4.920 ug/l
RT: 11.956 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:106 Resp: 1708

Ion	Ratio	Lower	Upper
106	100		
91	211.7	108.1	324.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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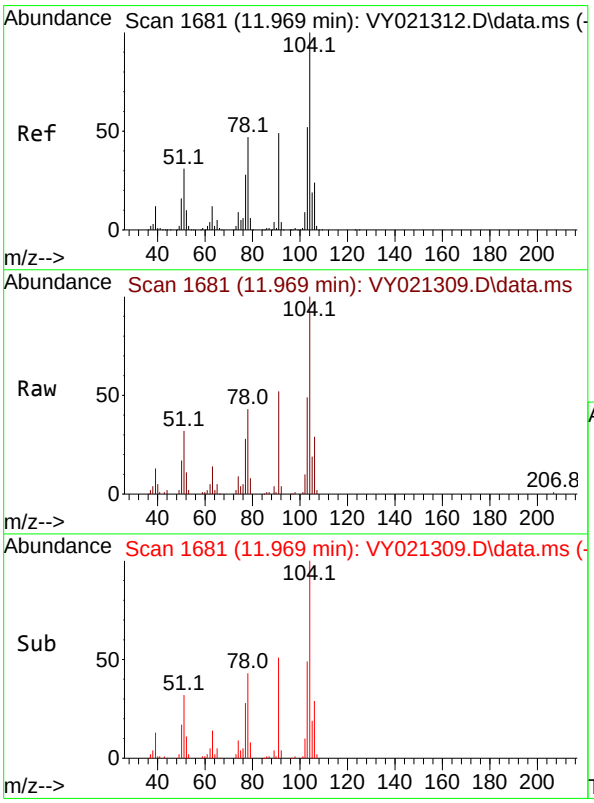
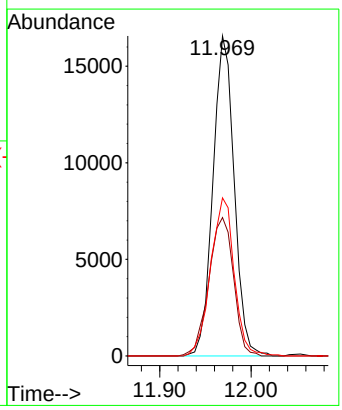
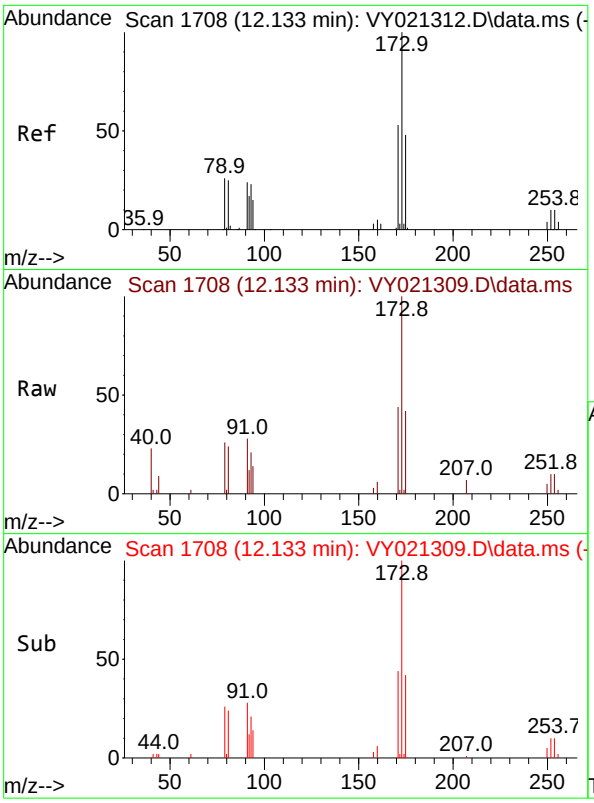


#70
Styrene
Concen: 4.637 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:104 Resp: 26787

Ion	Ratio	Lower	Upper
104	100		
78	50.1	41.3	61.9
103	54.9	43.9	65.9

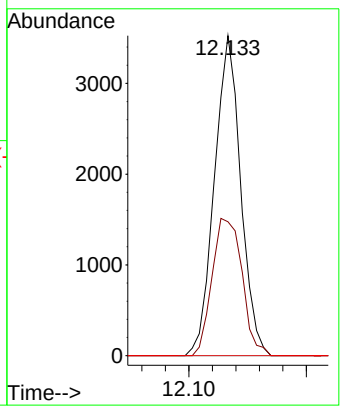




#71
Bromoform
Concen: 4.916 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:173 Resp: 547

Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.1	72.3
254	0.0	0.1	0.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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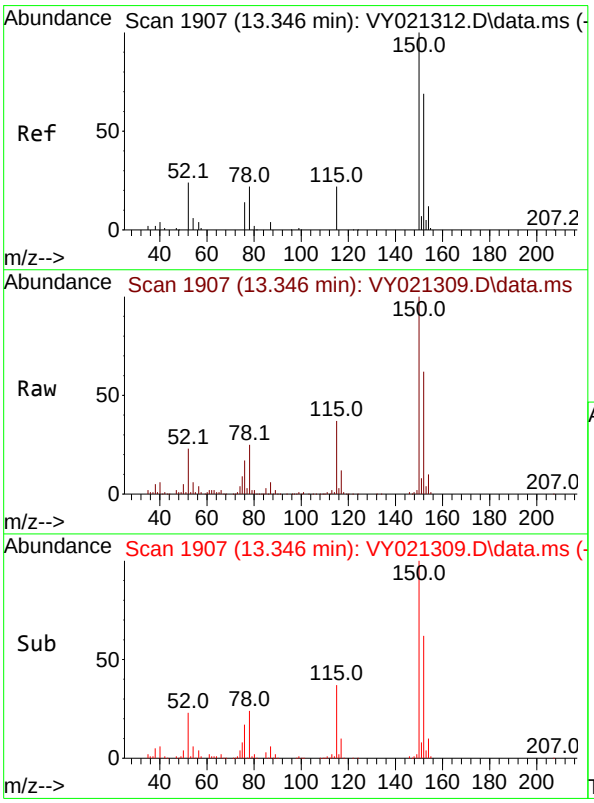
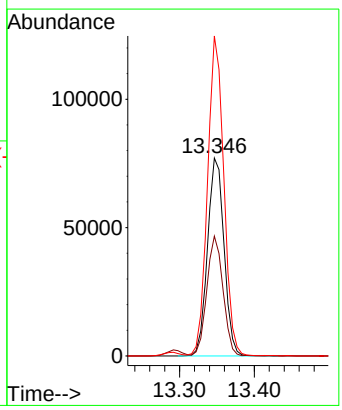
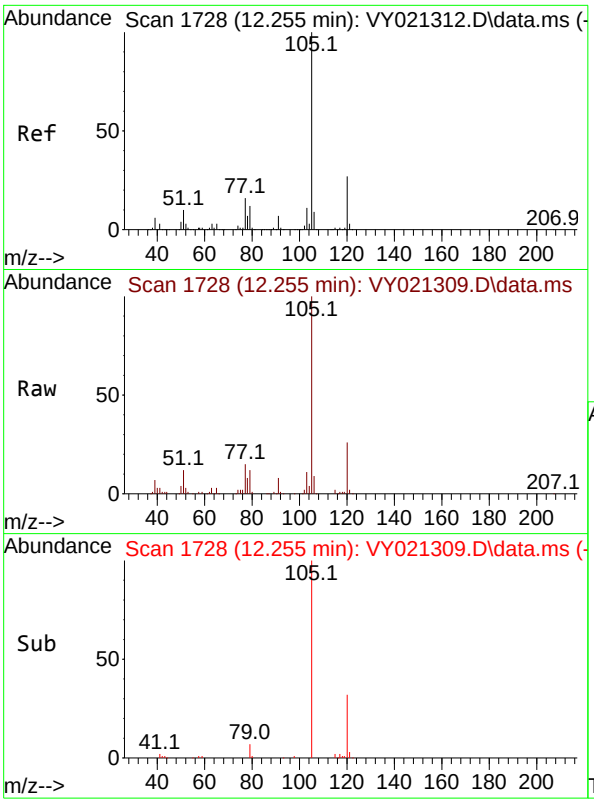


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:152 Resp: 118690

Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.3	88.0
150	158.5	0.0	347.4

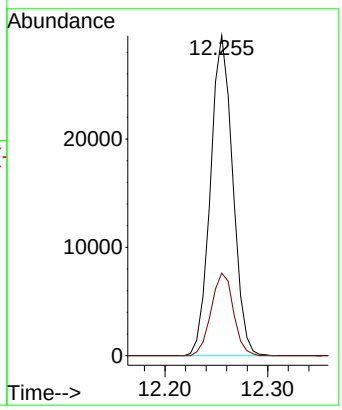




#73
Isopropylbenzene
Concen: 4.980 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:105 Resp: 4443

Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.3	39.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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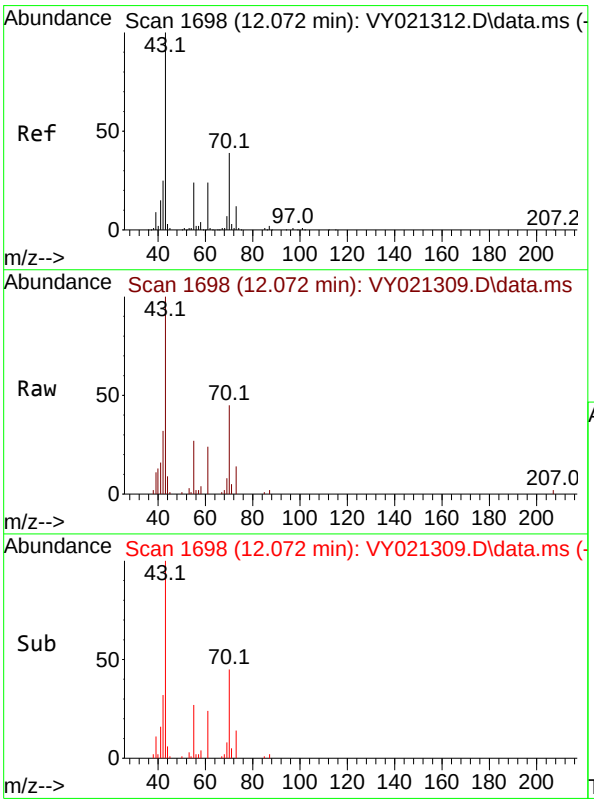
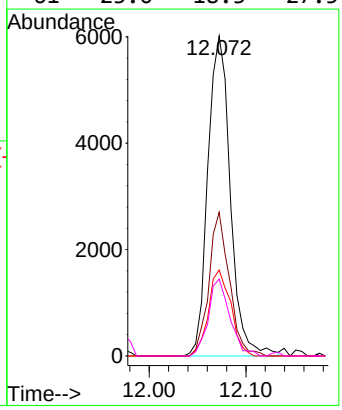
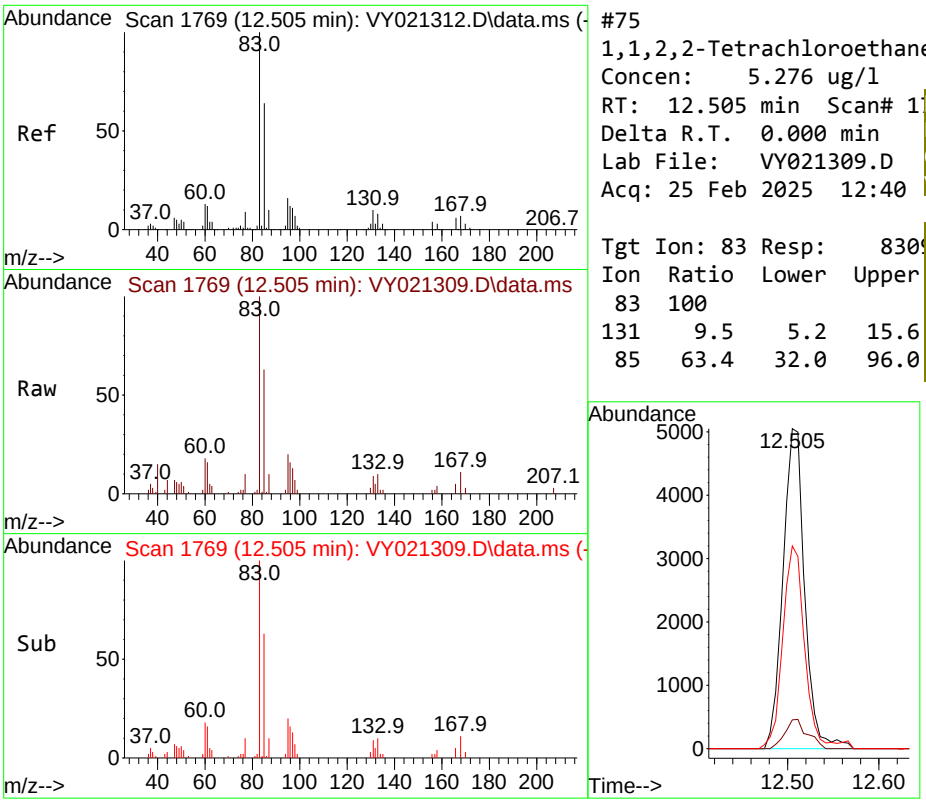


#74
N-amyl acetate
Concen: 4.283 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 43 Resp: 9713

Ion	Ratio	Lower	Upper
43	100		
70	40.9	32.2	48.2
55	26.7	19.6	29.4
61	23.0	18.3	27.5





#75
1,1,2,2-Tetrachloroethane
Concen: 5.276 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 83 Resp: 830

Ion	Ratio	Lower	Upper
83	100		
131	9.5	5.2	15.6
85	63.4	32.0	96.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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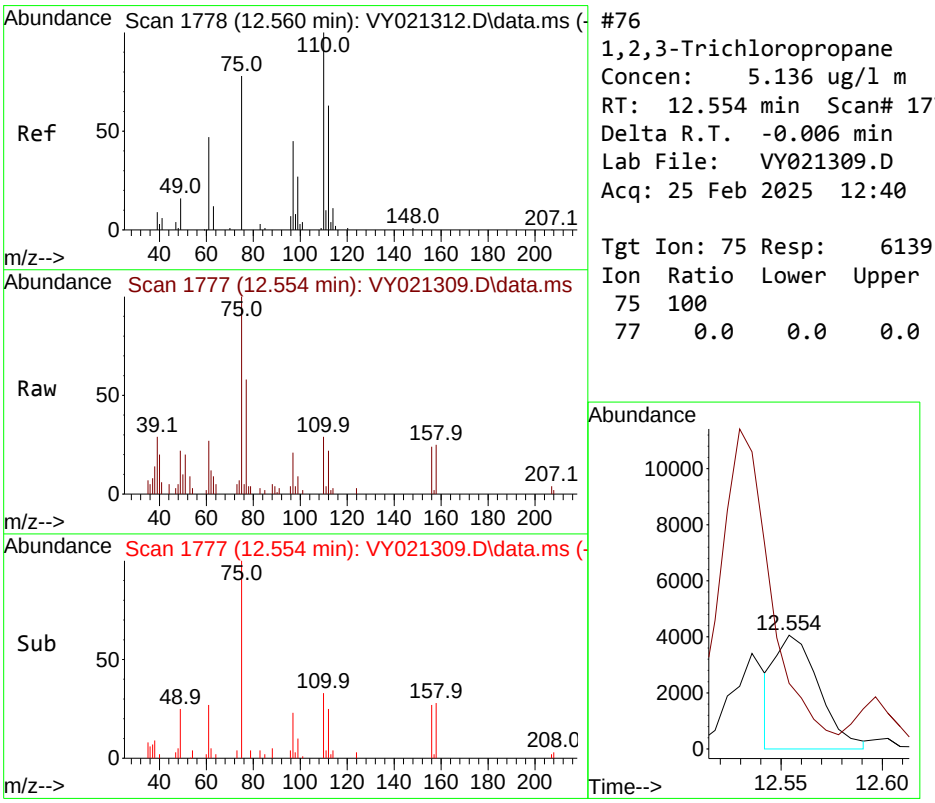
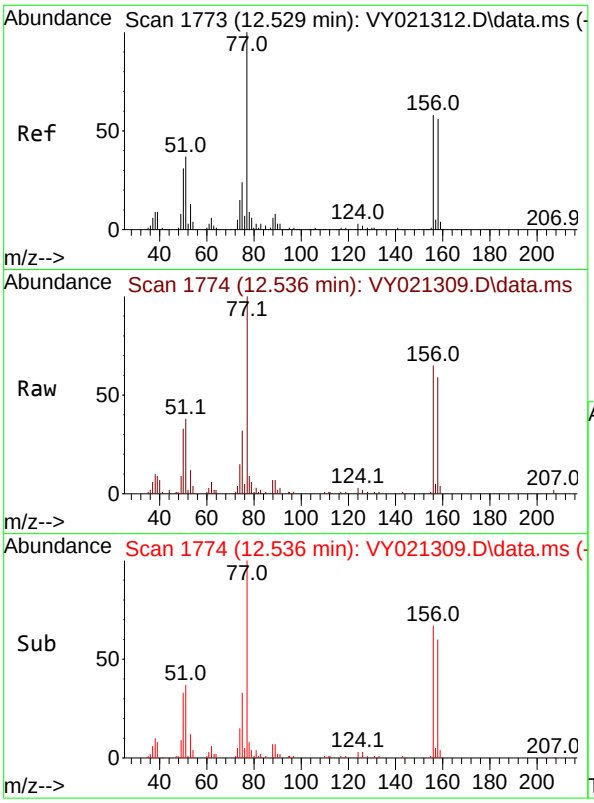


#76
1,2,3-Trichloropropane
Concen: 5.136 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 75 Resp: 6139

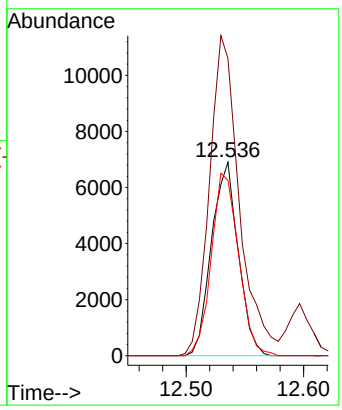
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



#77
Bromobenzene
Concen: 5.257 ug/l
RT: 12.536 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:156 Resp: 1091

Ion	Ratio	Lower	Upper
156	100		
77	185.6	94.0	282.1
158	96.6	48.7	146.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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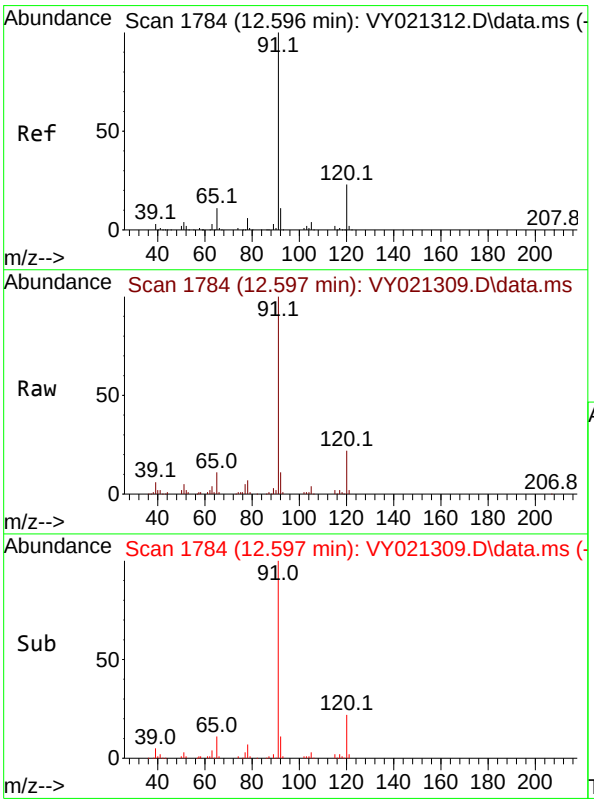
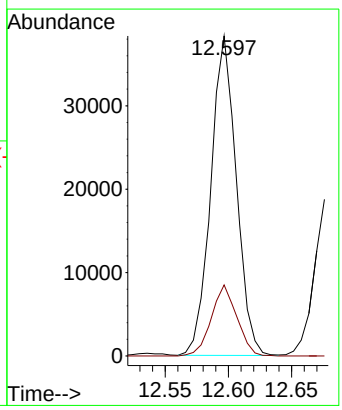
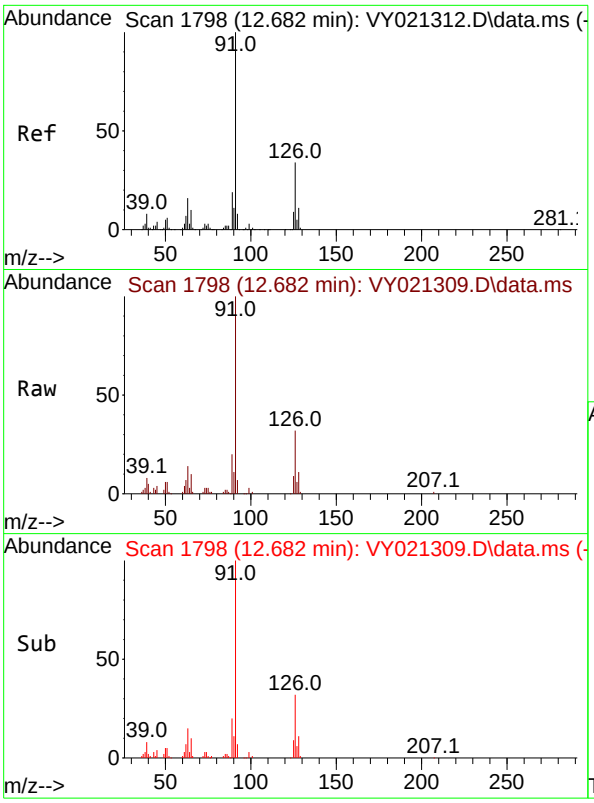


#78
n-propylbenzene
Concen: 4.968 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 91 Resp: 53794

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.2	33.5

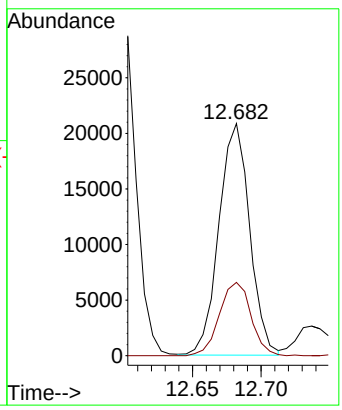




#79
2-Chlorotoluene
Concen: 5.235 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 91 Resp: 3252

Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.9	50.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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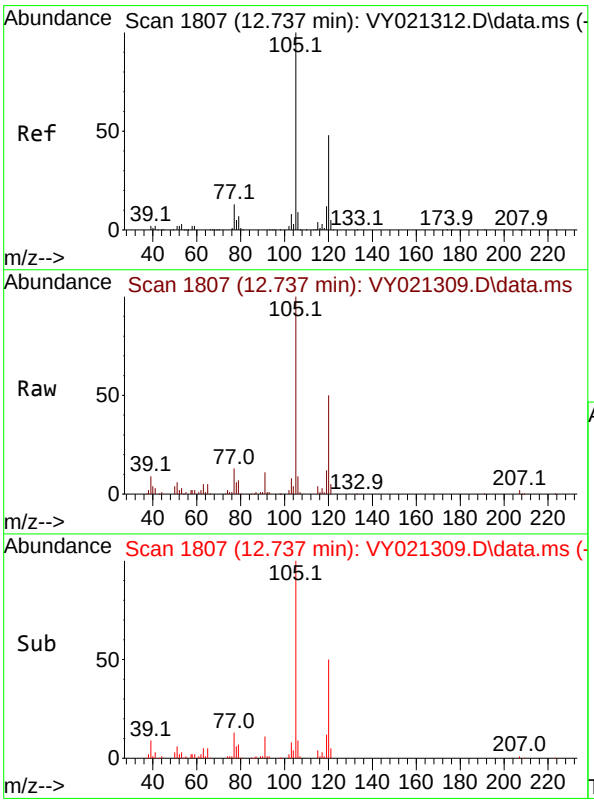
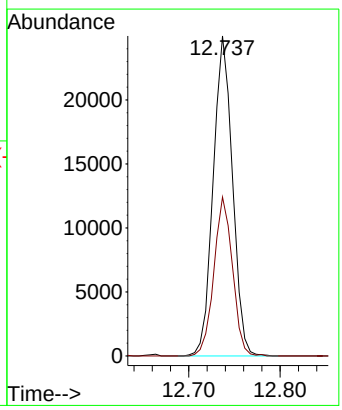
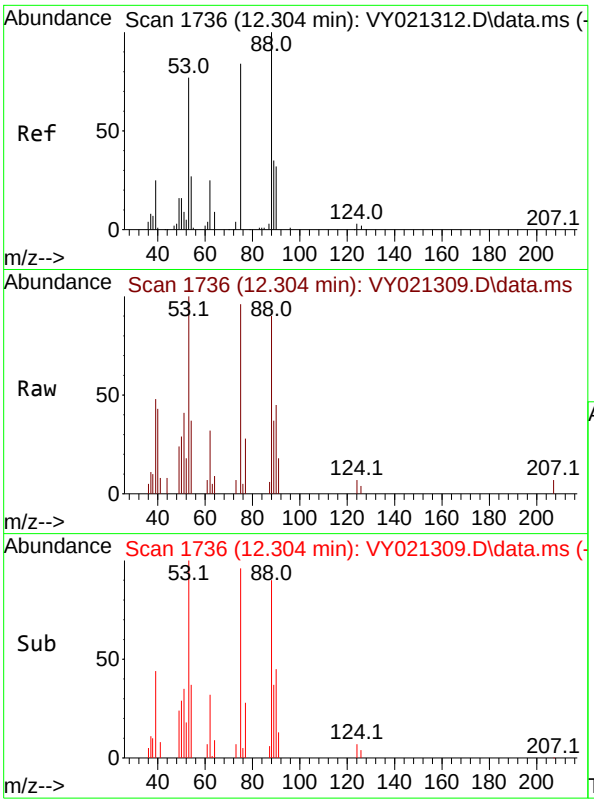


#80
1,3,5-Trimethylbenzene
Concen: 5.014 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:105 Resp: 36696

Ion	Ratio	Lower	Upper
105	100		
120	47.9	24.3	73.0

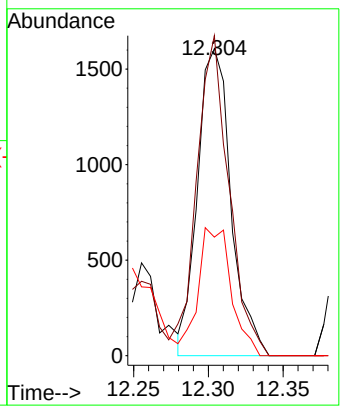




#81
trans-1,4-Dichloro-2-butene
Concen: 4.664 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 75 Resp: 249

Ion	Ratio	Lower	Upper
75	100		
53	100.8	79.1	118.7
89	41.2	35.6	53.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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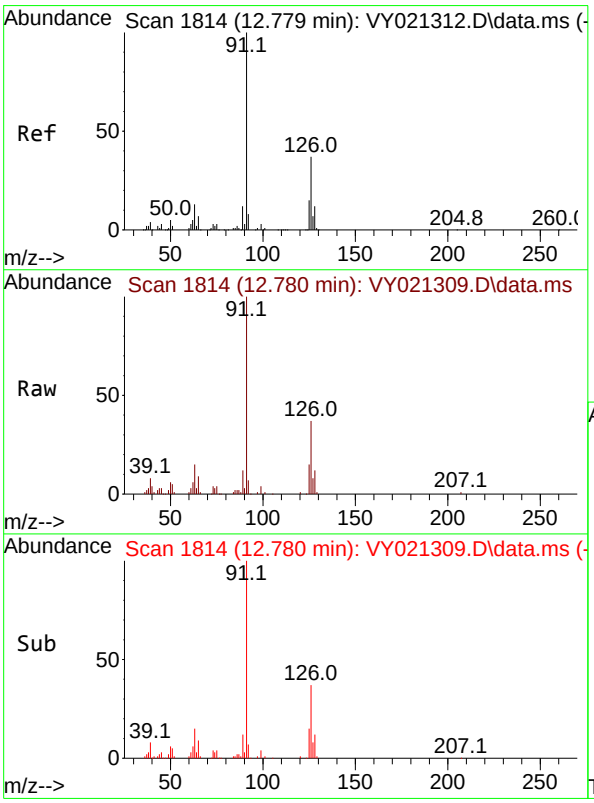
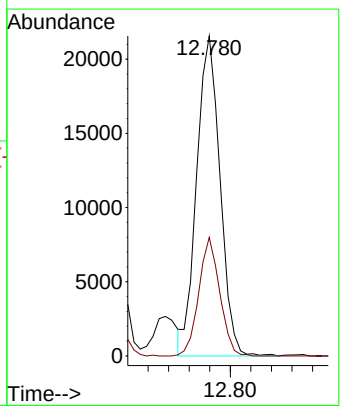
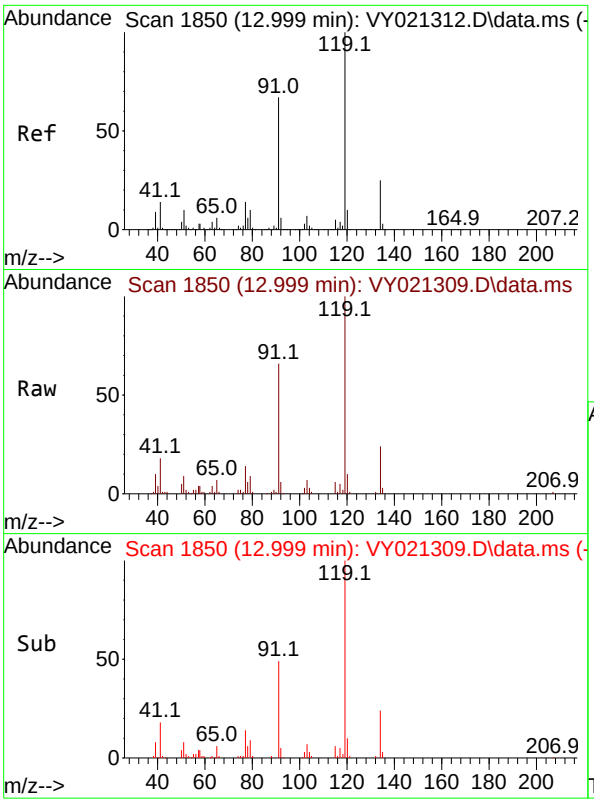


#82
4-Chlorotoluene
Concen: 5.290 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 91 Resp: 34079

Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.8	50.4

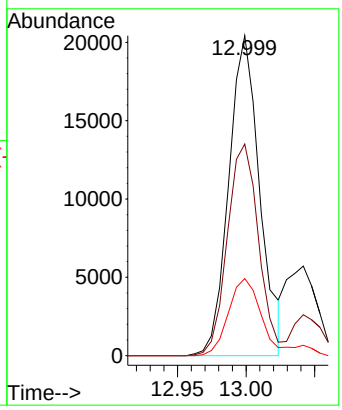




#83
tert-Butylbenzene
Concen: 4.852 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:119 Resp: 3207

Ion	Ratio	Lower	Upper
119	100		
91	66.5	32.7	98.1
134	26.0	13.3	39.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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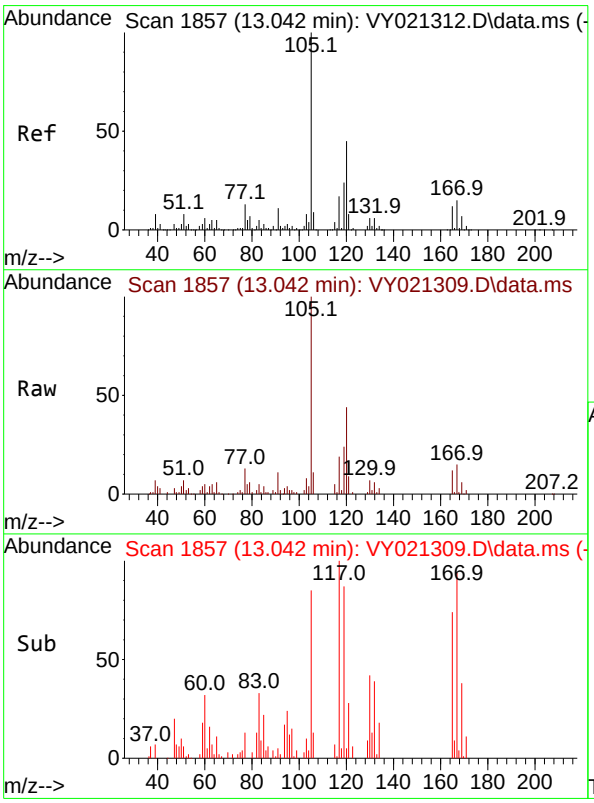
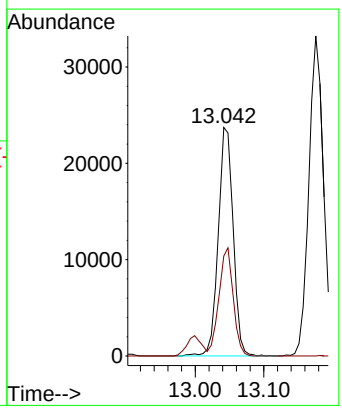
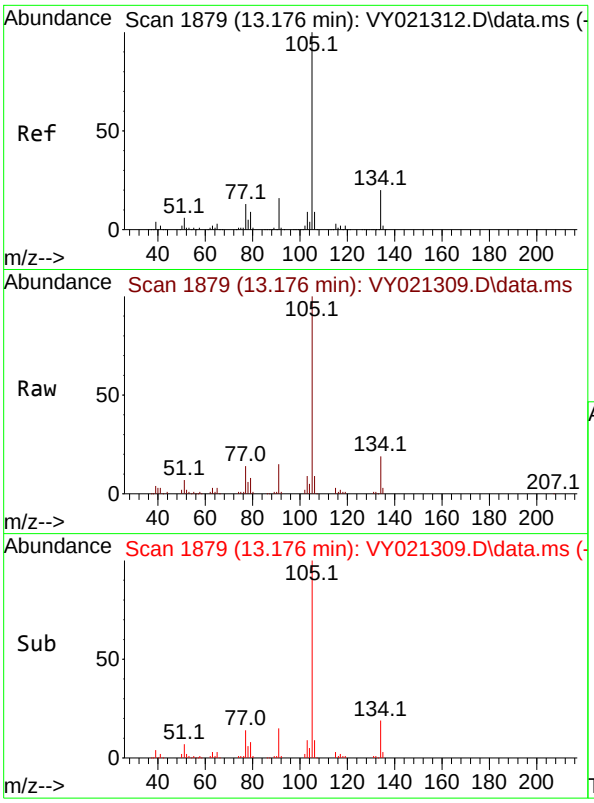


#84
1,2,4-Trimethylbenzene
Concen: 4.915 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:105 Resp: 35772

Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.4	67.3

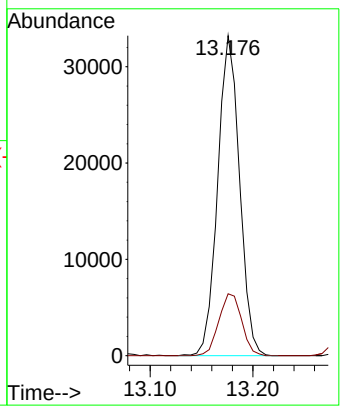




#85
sec-Butylbenzene
Concen: 5.072 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:105 Resp: 4897

Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.0	30.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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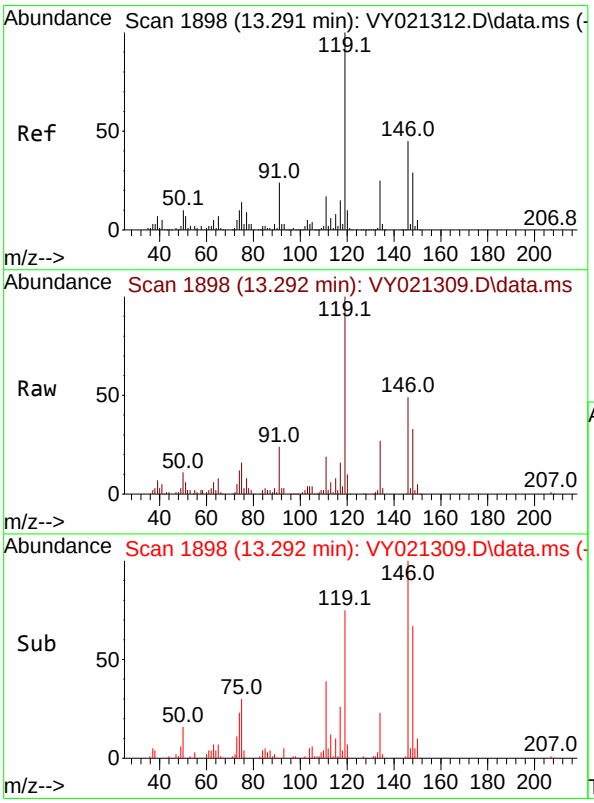
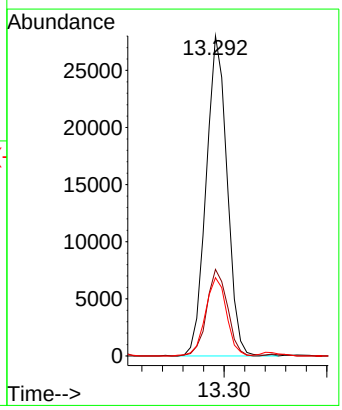
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

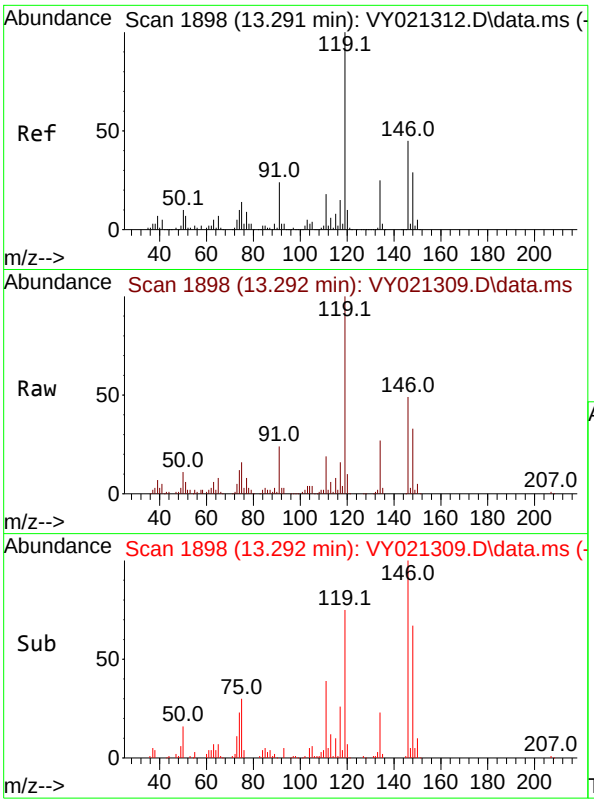


#86
p-Isopropyltoluene
Concen: 4.916 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:119 Resp: 39637

Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.0	38.9
91	24.8	12.0	36.1

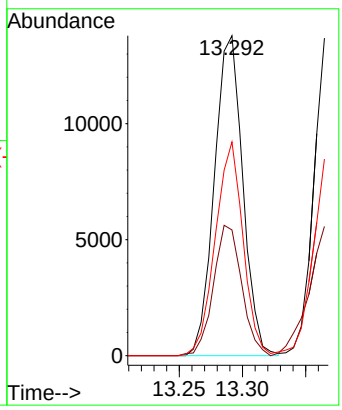




#87
1,3-Dichlorobenzene
Concen: 5.239 ug/l
RT: 13.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:146 Resp: 2151

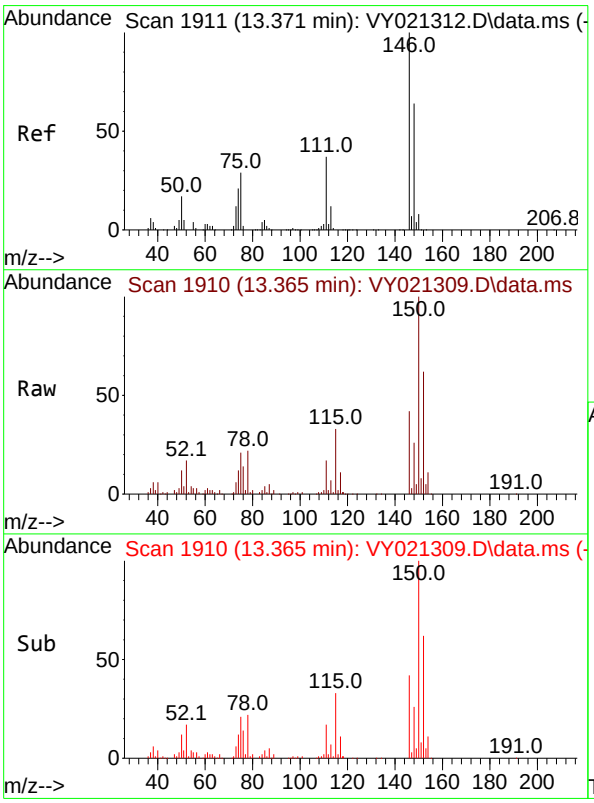
Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.0	59.9
148	65.2	31.9	95.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

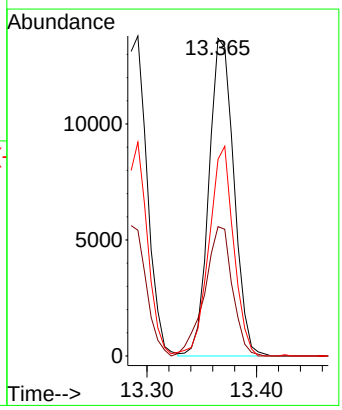
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

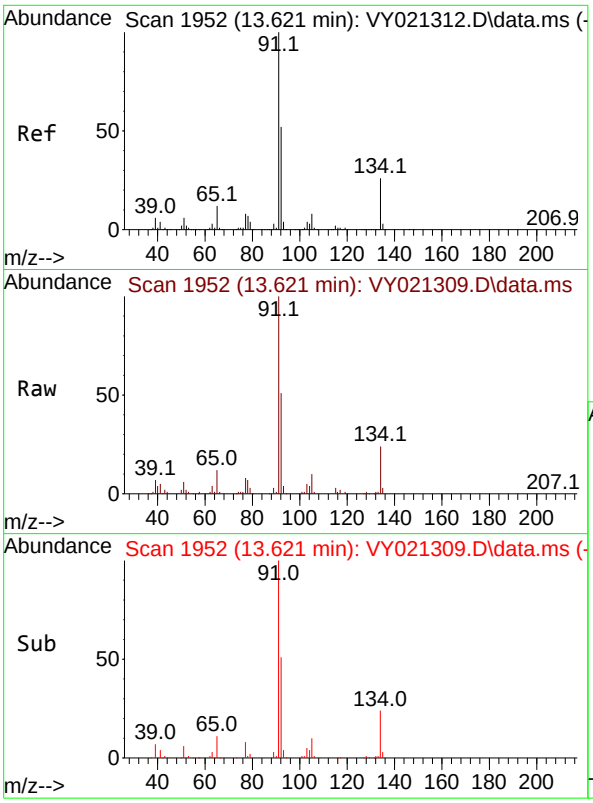


#88
1,4-Dichlorobenzene
Concen: 5.341 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:146 Resp: 21663

Ion	Ratio	Lower	Upper
146	100		
111	45.2	19.5	58.5
148	65.3	32.0	96.2

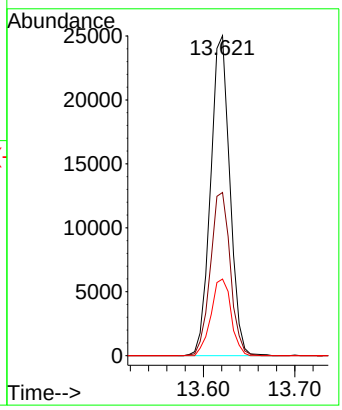




#89
n-Butylbenzene
Concen: 4.815 ug/l
RT: 13.621 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 91 Resp: 3653

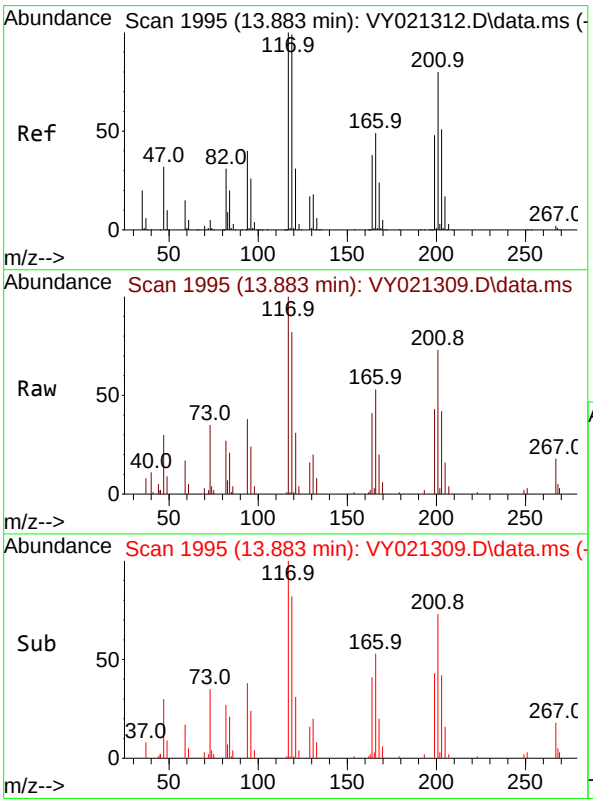
Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.4	79.2
134	25.0	12.7	38.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

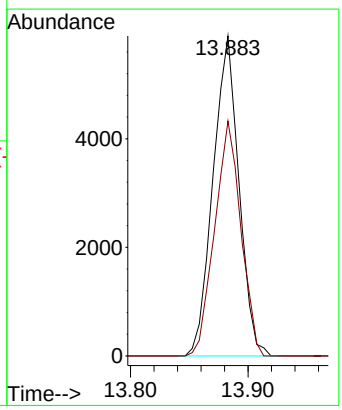
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

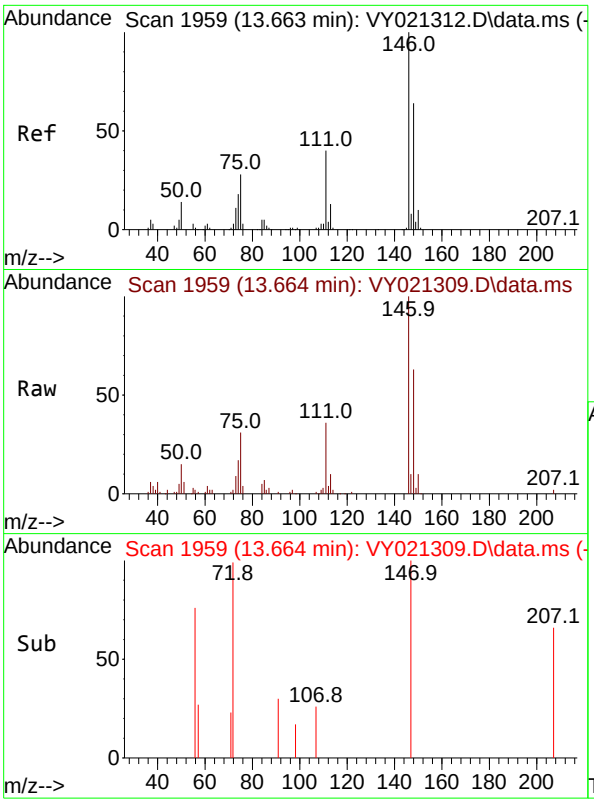


#90
Hexachloroethane
Concen: 5.351 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:117 Resp: 9013

Ion	Ratio	Lower	Upper
117	100		
201	74.3	38.4	115.2

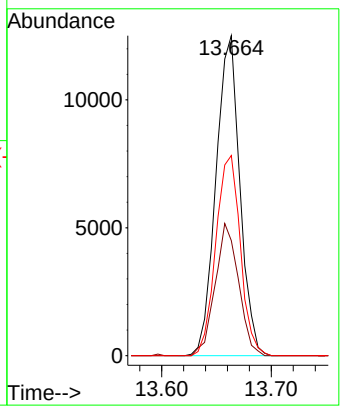




#91
1,2-Dichlorobenzene
Concen: 5.278 ug/l
RT: 13.664 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:146 Resp: 1898

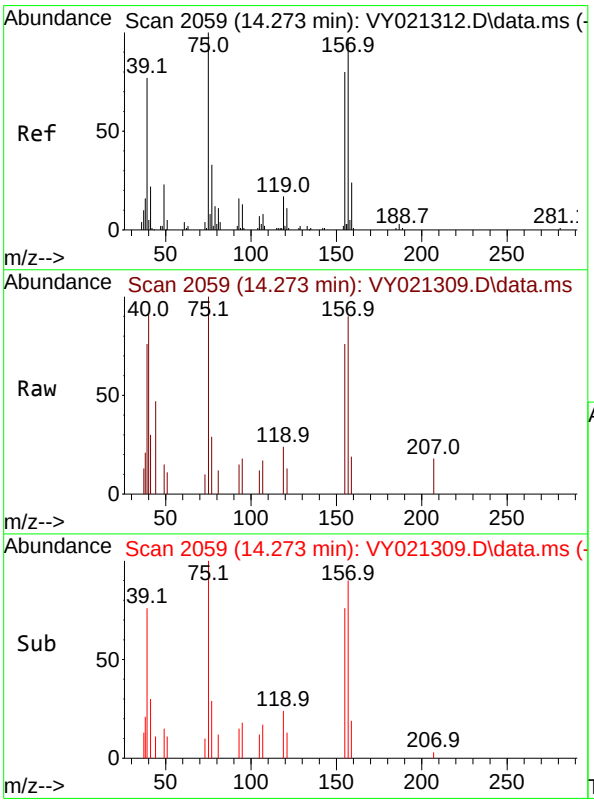
Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.7	62.1
148	64.2	31.7	95.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

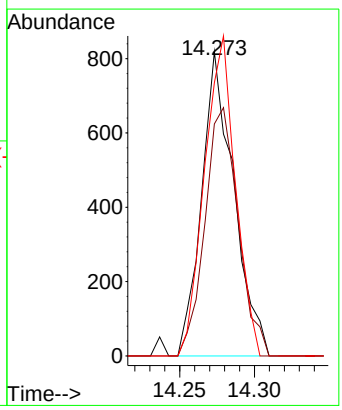
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

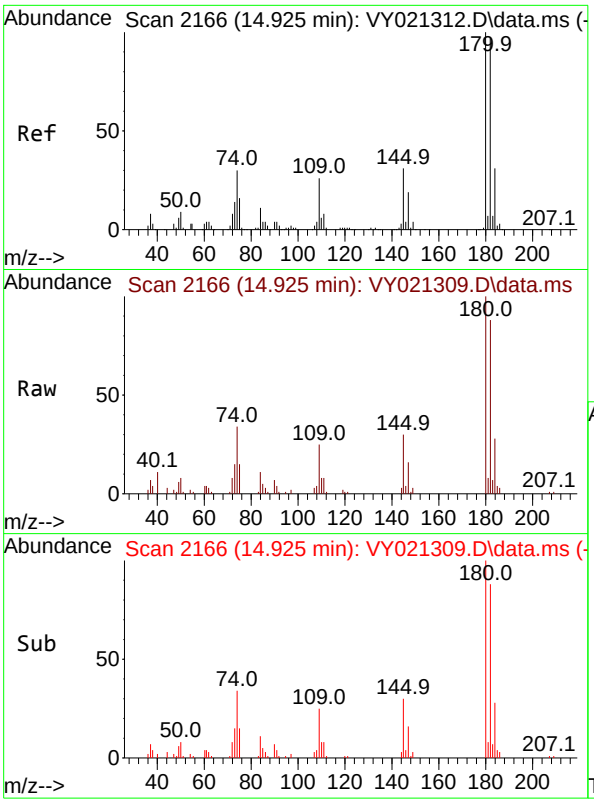


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.925 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 75 Resp: 1227

Ion	Ratio	Lower	Upper
75	100		
155	84.4	41.9	125.6
157	100.9	52.5	157.6

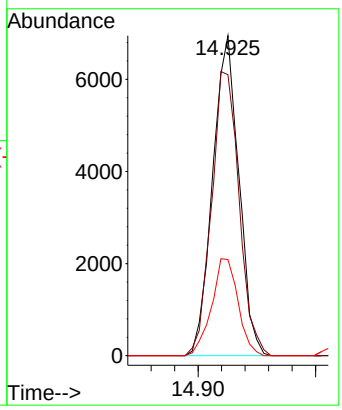




#93
1,2,4-Trichlorobenzene
Concen: 4.901 ug/l
RT: 14.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:180 Resp: 1075

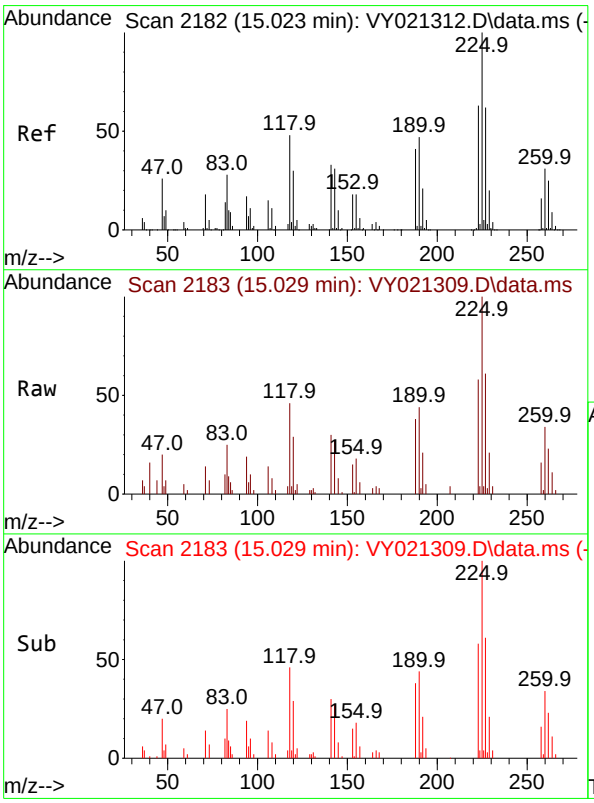
Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.9	143.7
145	30.7	15.6	46.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

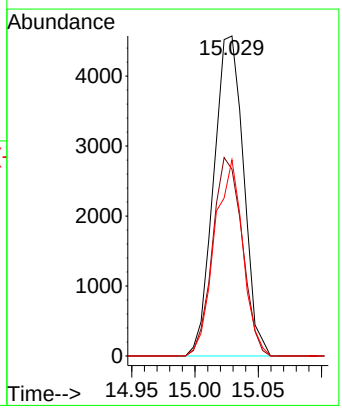
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

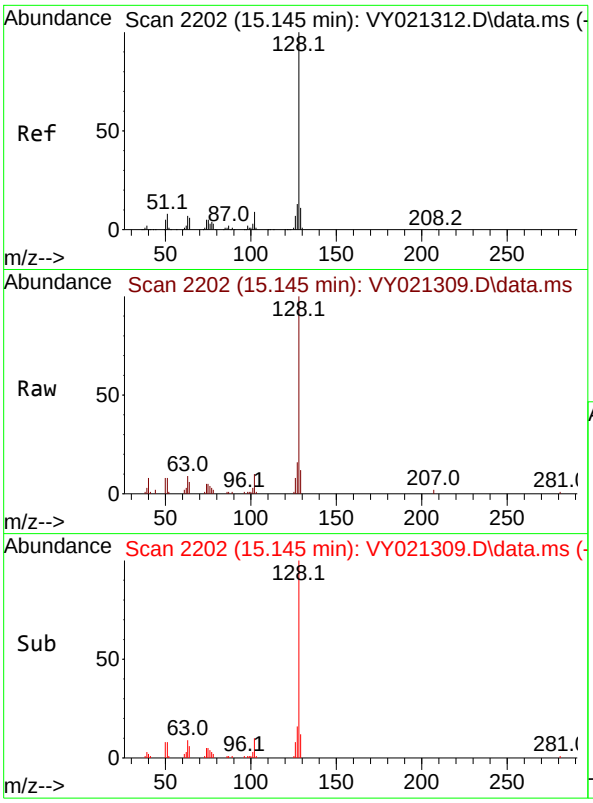


#94
Hexachlorobutadiene
Concen: 5.434 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:225 Resp: 7510

Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.8	95.4
227	58.3	31.9	95.7

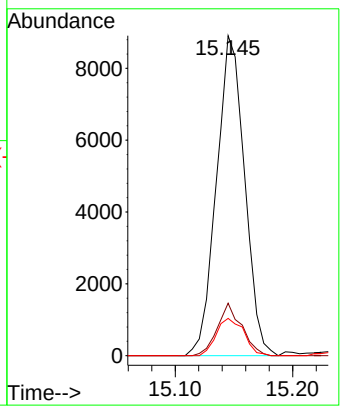




#95
Naphthalene
Concen: 4.078 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:128 Resp: 1482

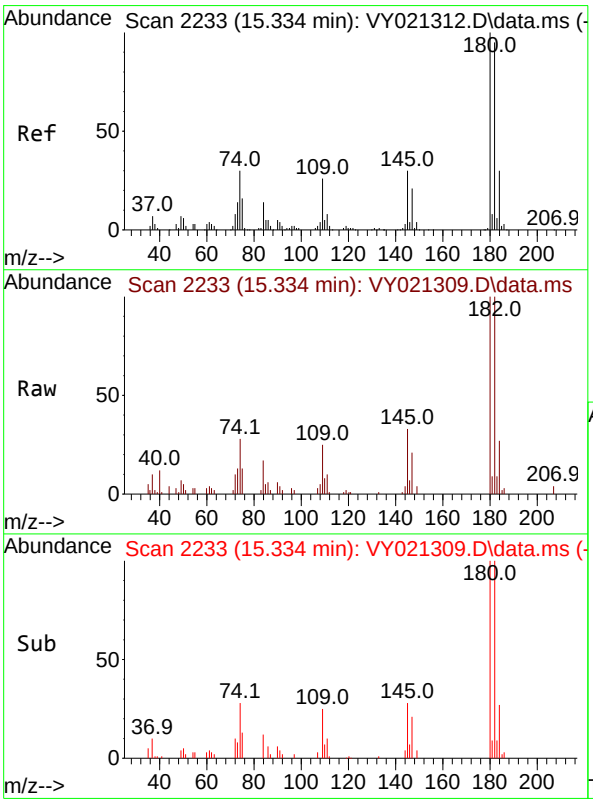
Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.5	15.7
129	11.5	8.5	12.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

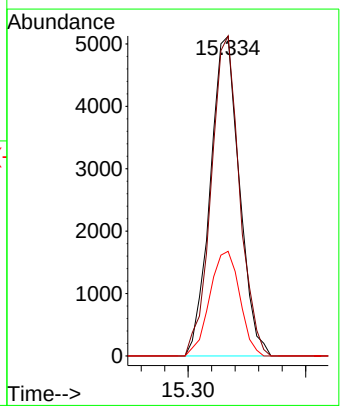
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.746 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:180 Resp: 8804

Ion	Ratio	Lower	Upper
180	100		
182	97.2	48.3	144.9
145	33.8	16.1	48.3



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021310.D
Acq On : 25 Feb 2025 13:03
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 26 01:43:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	185658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	289178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	250629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	125138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	18938	8.992	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	17.980%#		
35) Dibromofluoromethane	7.634	113	17267	9.108	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	18.220%#		
50) Toluene-d8	10.103	98	66979	9.141	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	18.280%#		
62) 4-Bromofluorobenzene	12.408	95	22364	9.069	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	18.140%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	17969	10.208	ug/l	99
3) Chloromethane	2.068	50	23321	10.259	ug/l	96
4) Vinyl Chloride	2.202	62	21933	9.830	ug/l	99
5) Bromomethane	2.592	94	15371	10.366	ug/l	92
6) Chloroethane	2.732	64	13561	9.801	ug/l	96
7) Trichlorofluoromethane	3.056	101	33977	10.083	ug/l	96
8) Diethyl Ether	3.452	74	9792	9.682	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.818	101	19660	10.077	ug/l	99
10) Methyl Iodide	4.001	142	17573	8.562	ug/l	99
11) Tert butyl alcohol	4.854	59	8754	54.037	ug/l #	81
12) 1,1-Dichloroethene	3.793	96	18141	9.711	ug/l	87
13) Acrolein	3.647	56	10715	86.313	ug/l	97
14) Allyl chloride	4.385	41	31462	9.499	ug/l	98
15) Acrylonitrile	5.061	53	21273	47.572	ug/l	98
16) Acetone	3.866	43	19023	47.086	ug/l	92
17) Carbon Disulfide	4.104	76	61336	9.888	ug/l	100
18) Methyl Acetate	4.379	43	9259	9.378	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	47090	9.541	ug/l	98
20) Methylene Chloride	4.610	84	22192	10.158	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	19921	9.687	ug/l	94
22) Diisopropyl ether	6.012	45	66598	9.717	ug/l	93
23) Vinyl Acetate	5.957	43	193291	47.195	ug/l	99
24) 1,1-Dichloroethane	5.909	63	38311	9.918	ug/l	98
25) 2-Butanone	6.896	43	28711	47.087	ug/l	99
26) 2,2-Dichloropropane	6.884	77	34859	9.945	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	22663	9.651	ug/l	99
28) Bromochloromethane	7.244	49	16417	9.605	ug/l	100
29) Tetrahydrofuran	7.262	42	18625	46.731	ug/l	99
30) Chloroform	7.415	83	38838	9.922	ug/l	97
31) Cyclohexane	7.701	56	38072	10.253	ug/l #	88
32) 1,1,1-Trichloroethane	7.616	97	35489	9.961	ug/l	99
36) 1,1-Dichloropropene	7.829	75	28171	9.892	ug/l	99
37) Ethyl Acetate	6.982	43	14219	10.038	ug/l	98
38) Carbon Tetrachloride	7.811	117	32494	10.149	ug/l	96
39) Methylcyclohexane	9.103	83	35431	9.837	ug/l	95
40) Benzene	8.079	78	83594	9.930	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021310.D
Acq On : 25 Feb 2025 13:03
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 26 01:43:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	6845	8.642	ug/l		92
42) 1,2-Dichloroethane	8.158	62	24091	10.087	ug/l		99
43) Isopropyl Acetate	8.195	43	25874	9.436	ug/l		99
44) Trichloroethene	8.859	130	20823	9.880	ug/l		97
45) 1,2-Dichloropropane	9.140	63	20214	9.978	ug/l		98
46) Dibromomethane	9.231	93	10902	9.845	ug/l		99
47) Bromodichloromethane	9.420	83	29114	9.860	ug/l		97
48) Methyl methacrylate	9.219	41	11652	9.088	ug/l		96
49) 1,4-Dioxane	9.225	88	2309	187.520	ug/l		96
51) 4-Methyl-2-Pentanone	9.993	43	65698	46.808	ug/l		99
52) Toluene	10.170	92	51371	9.823	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	25218	9.322	ug/l		97
54) cis-1,3-Dichloropropene	9.853	75	30428	9.528	ug/l		97
55) 1,1,2-Trichloroethane	10.573	97	14509	10.057	ug/l		96
56) Ethyl methacrylate	10.438	69	17817	8.938	ug/l		96
57) 1,3-Dichloropropane	10.713	76	24769	9.784	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	42304	44.215	ug/l		100
59) 2-Hexanone	10.755	43	42123	45.697	ug/l		99
60) Dibromochloromethane	10.908	129	18793	9.565	ug/l		96
61) 1,2-Dibromoethane	11.011	107	13351	9.775	ug/l		98
64) Tetrachloroethene	10.646	164	19065	10.064	ug/l		97
65) Chlorobenzene	11.438	112	55689	9.899	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.511	131	20089	10.198	ug/l		98
67) Ethyl Benzene	11.517	91	97299	9.764	ug/l		99
68) m/p-Xylenes	11.627	106	73991	19.740	ug/l		99
69) o-Xylene	11.950	106	33822	9.632	ug/l		99
70) Styrene	11.969	104	56550	9.679	ug/l		99
71) Bromoform	12.133	173	11067	9.820	ug/l	#	100
73) Isopropylbenzene	12.255	105	90221	9.590	ug/l		100
74) N-amyl acetate	12.066	43	21370	8.937	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.505	83	16246	9.785	ug/l		98
76) 1,2,3-Trichloropropane	12.554	75	13699m	10.871	ug/l		
77) Bromobenzene	12.529	156	21097	9.641	ug/l		99
78) n-propylbenzene	12.597	91	110190	9.652	ug/l		99
79) 2-Chlorotoluene	12.682	91	64018	9.771	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	74498	9.655	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	5238	9.295	ug/l		96
82) 4-Chlorotoluene	12.773	91	66701	9.821	ug/l		100
83) tert-Butylbenzene	12.999	119	68905	9.886	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	74032	9.647	ug/l		99
85) sec-Butylbenzene	13.176	105	100189	9.841	ug/l		99
86) p-Isopropyltoluene	13.292	119	81769	9.619	ug/l		98
87) 1,3-Dichlorobenzene	13.285	146	43267	9.996	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	42788	10.006	ug/l		98
89) n-Butylbenzene	13.615	91	76325	9.541	ug/l		99
90) Hexachloroethane	13.877	117	17261	9.721	ug/l		97
91) 1,2-Dichlorobenzene	13.657	146	37522	9.894	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2424	9.229	ug/l		98
93) 1,2,4-Trichlorobenzene	14.919	180	21234	9.174	ug/l		97
94) Hexachlorobutadiene	15.023	225	14346	9.845	ug/l		99
95) Naphthalene	15.145	128	32094	8.371	ug/l		98
96) 1,2,3-Trichlorobenzene	15.328	180	17983	9.195	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021310.D
Acq On : 25 Feb 2025 13:03
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

Quant Time: Feb 26 01:43:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021310.D
Acq On : 25 Feb 2025 13:03
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 26 01:43:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/26/2025
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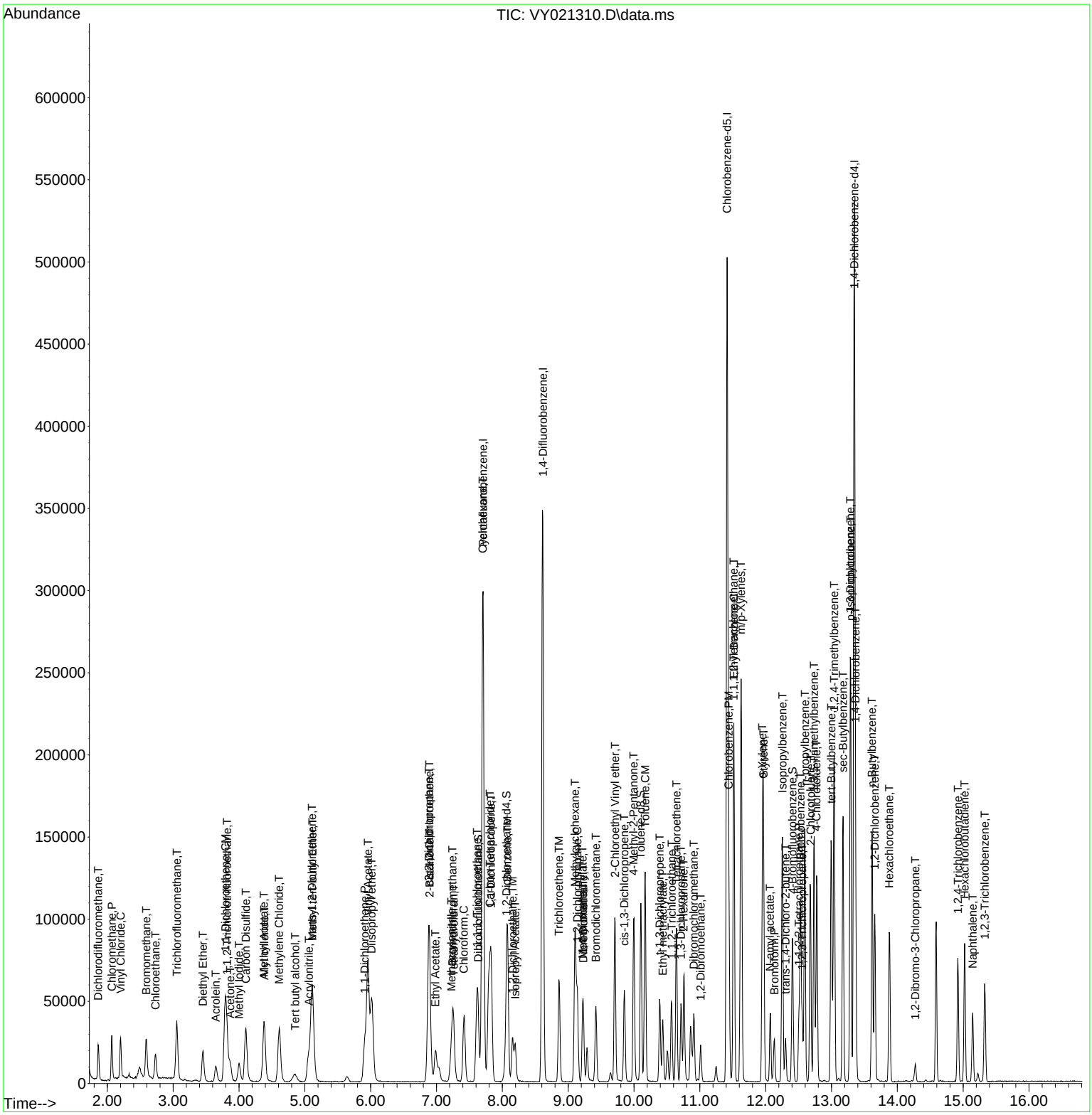
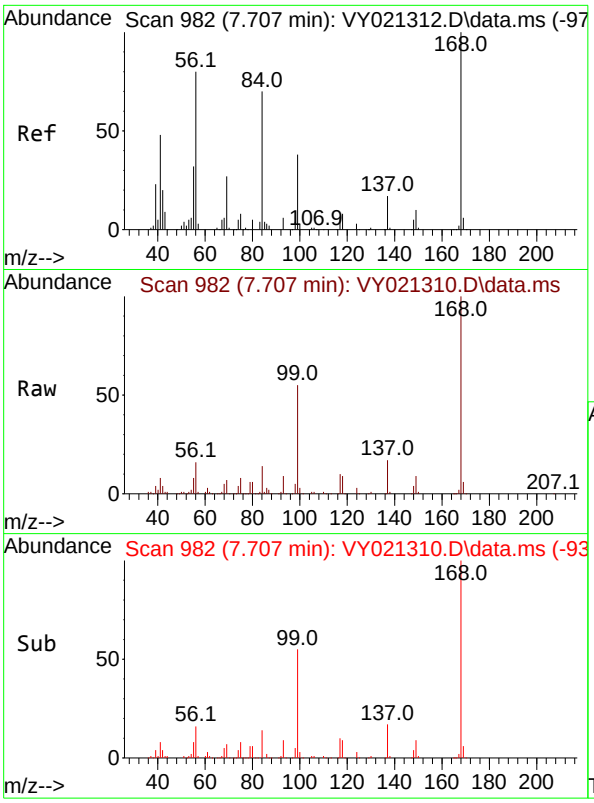
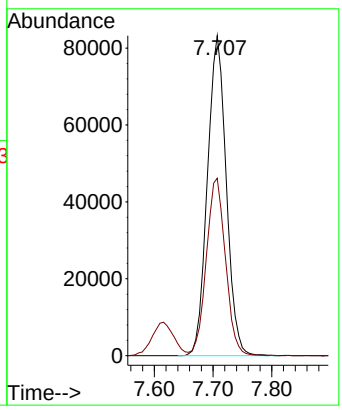




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:168 Resp: 18565

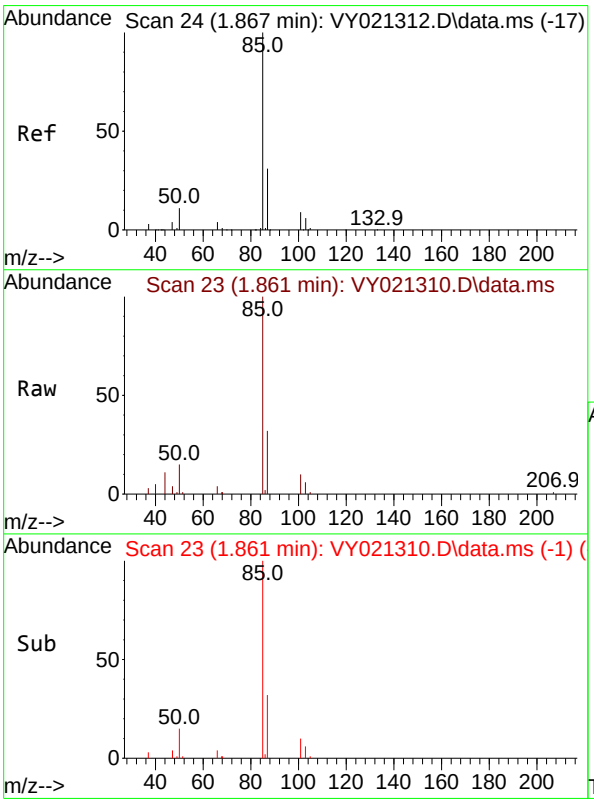
Ion	Ratio	Lower	Upper
168	100		
99	55.4	47.1	70.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

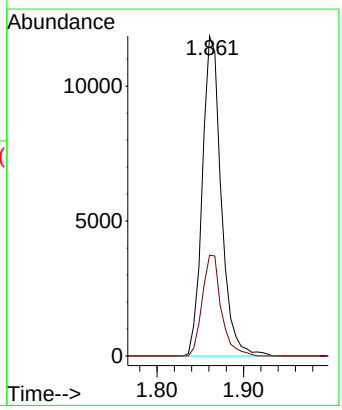
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

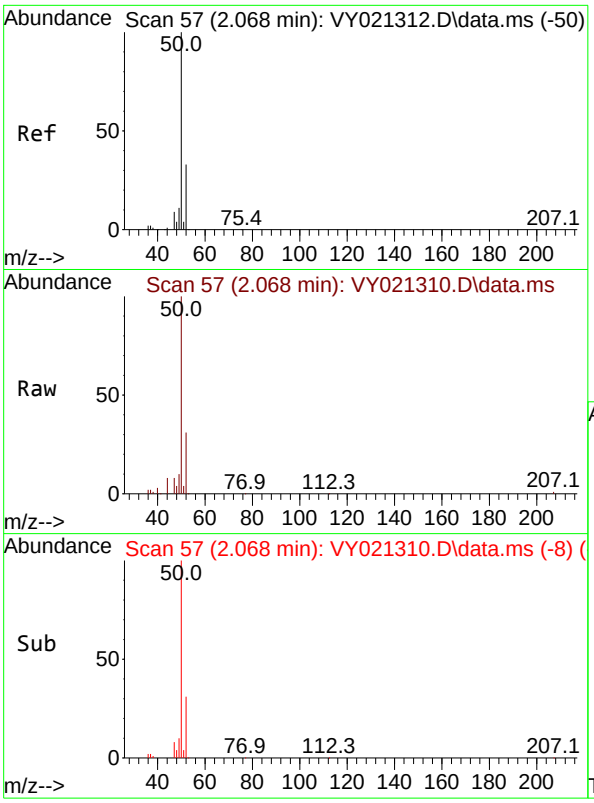


#2
Dichlorodifluoromethane
Concen: 10.208 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 85 Resp: 17969

Ion	Ratio	Lower	Upper
85	100		
87	31.5	15.4	46.4

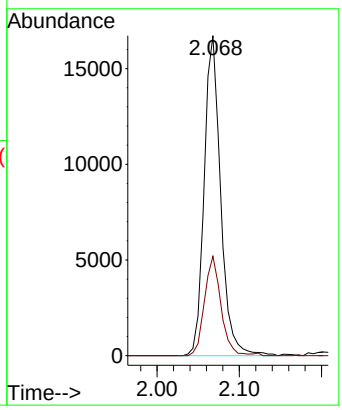




#3
Chloromethane
Concen: 10.259 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 50 Resp: 2332

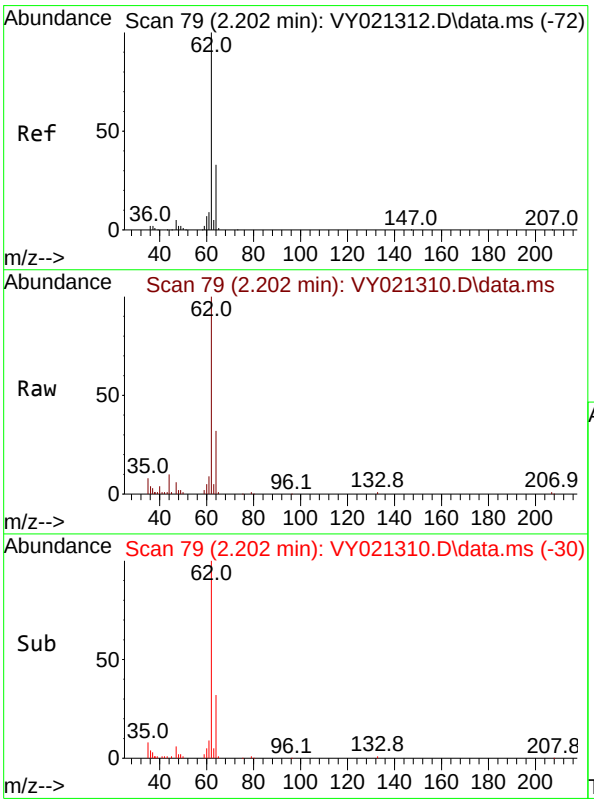
Ion	Ratio	Lower	Upper
50	100		
52	31.1	26.6	40.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

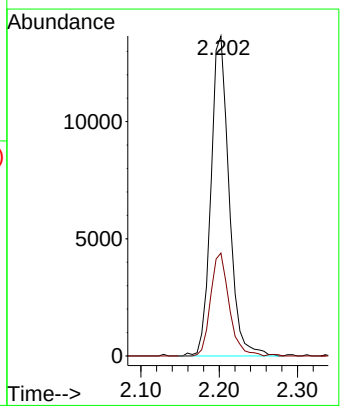
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

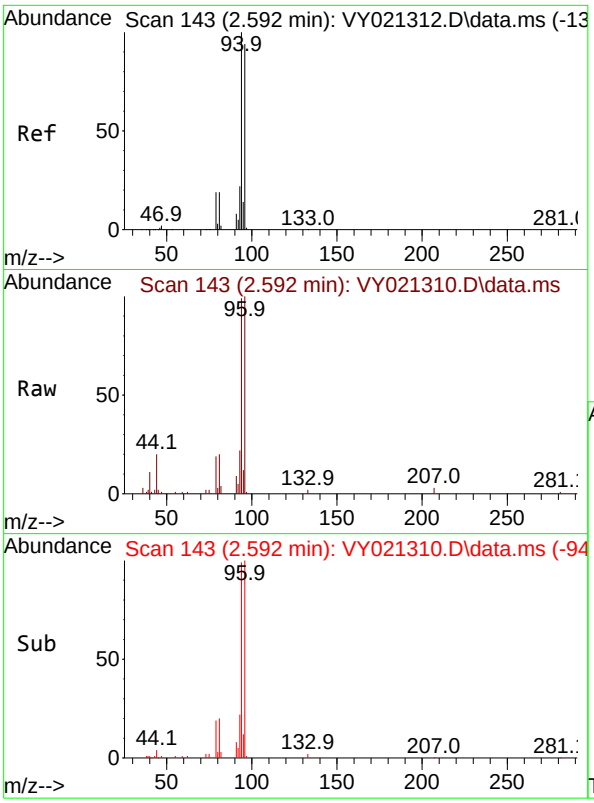


#4
Vinyl Chloride
Concen: 9.830 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 62 Resp: 21933

Ion	Ratio	Lower	Upper
62	100		
64	32.1	26.3	39.5

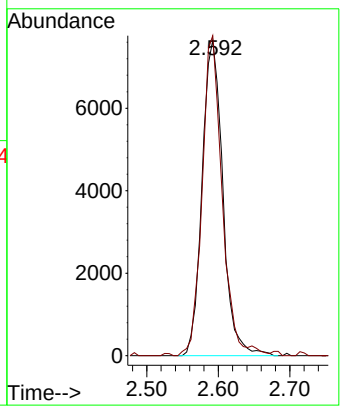




#5
Bromomethane
Concen: 10.366 ug/l
RT: 2.592 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 94 Resp: 1537

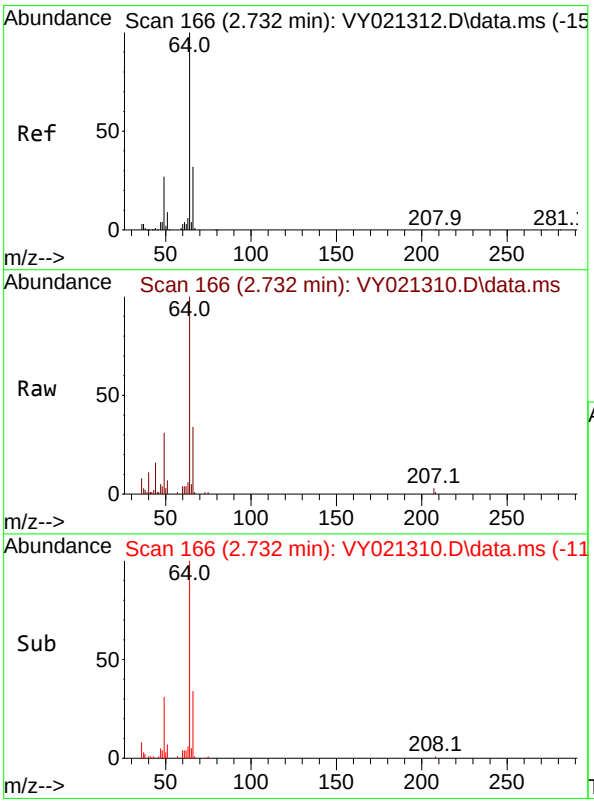
Ion	Ratio	Lower	Upper
94	100		
96	101.5	75.2	112.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

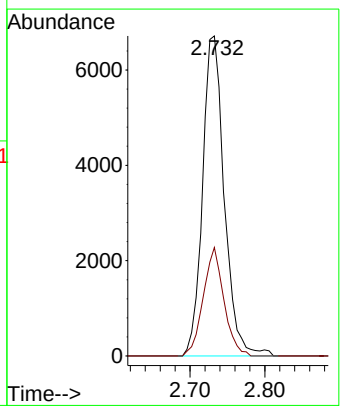
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

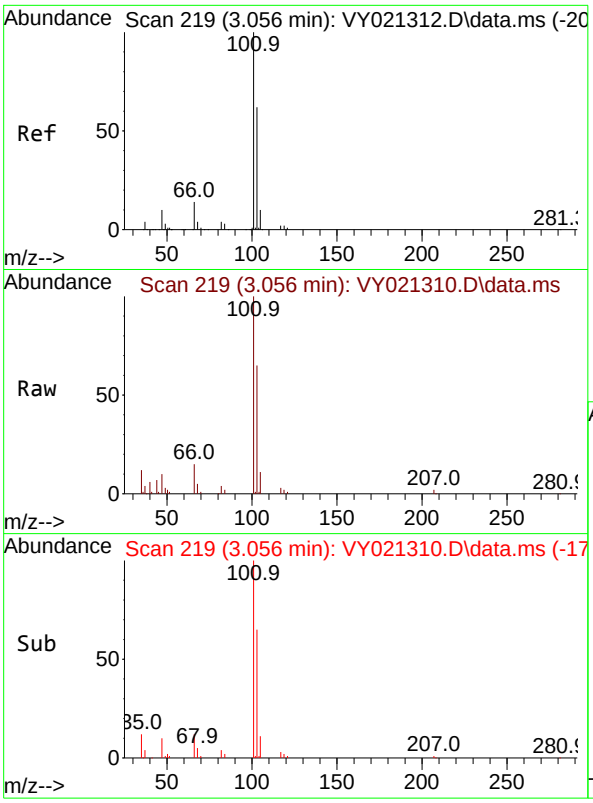


#6
Chloroethane
Concen: 9.801 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 64 Resp: 13561

Ion	Ratio	Lower	Upper
64	100		
66	33.9	25.4	38.0

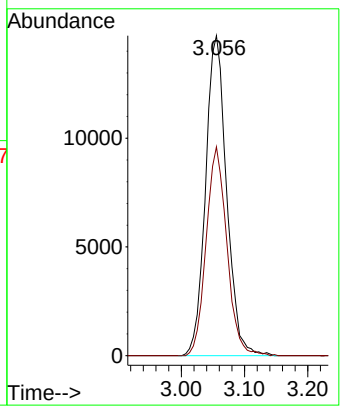




#7
Trichlorofluoromethane
Concen: 10.083 ug/l
RT: 3.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:101 Resp: 3397

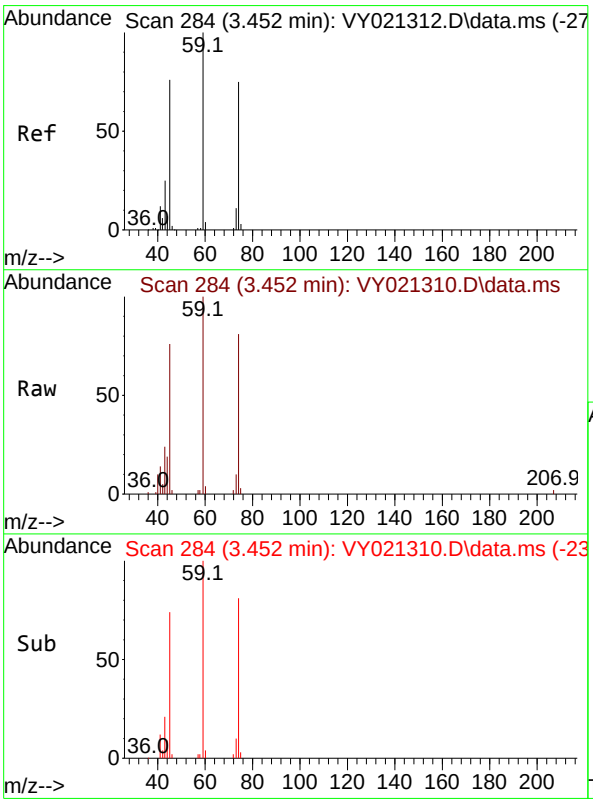
Ion	Ratio	Lower	Upper
101	100		
103	65.3	49.7	74.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

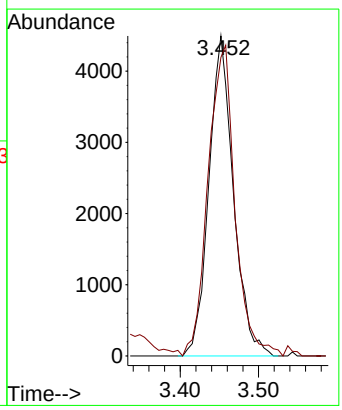
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

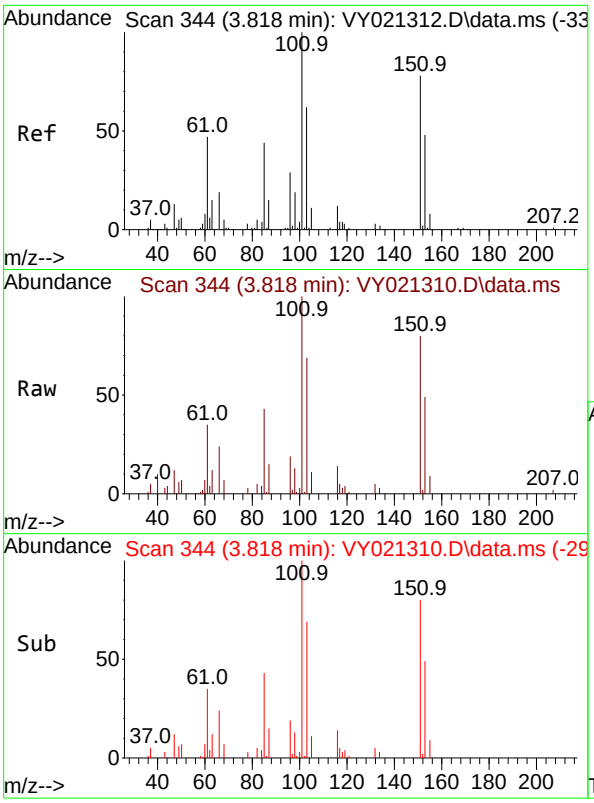


#8
Diethyl Ether
Concen: 9.682 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 74 Resp: 9792

Ion	Ratio	Lower	Upper
74	100		
45	106.0	50.3	150.9

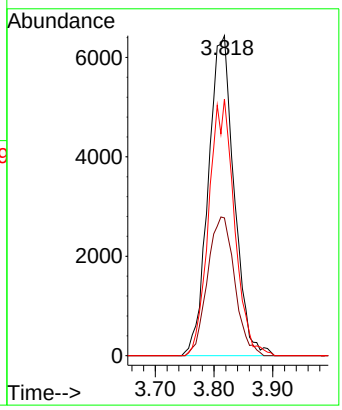




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.077 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:101 Resp: 1966

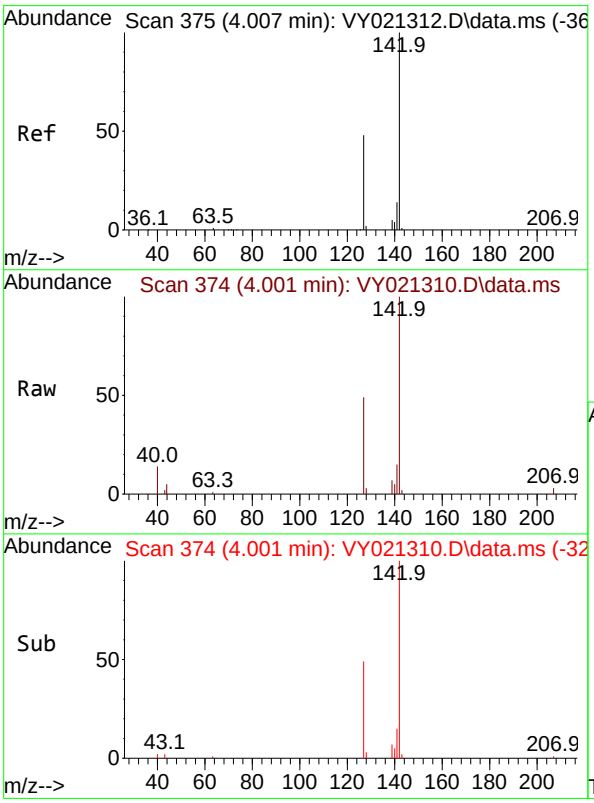
Ion	Ratio	Lower	Upper
101	100		
85	45.7	36.7	55.1
151	79.5	62.6	94.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

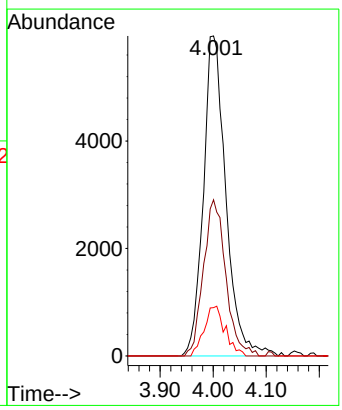
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

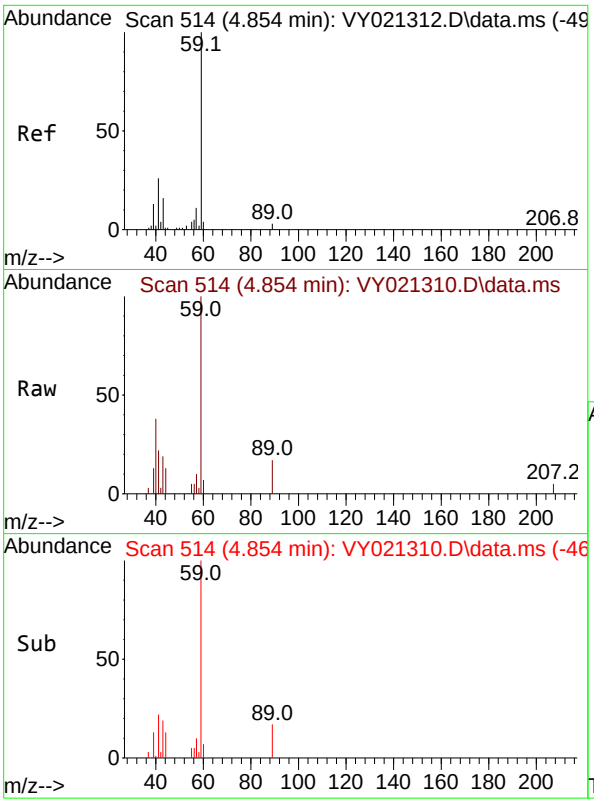


#10
Methyl Iodide
Concen: 8.562 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:142 Resp: 17573

Ion	Ratio	Lower	Upper
142	100		
127	48.3	39.2	58.8
141	14.5	11.4	17.2

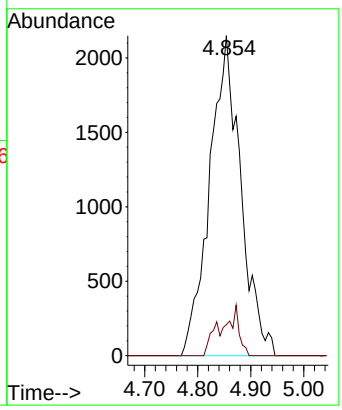




#11
Tert butyl alcohol
Concen: 54.037 ug/l
RT: 4.854 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 59 Resp: 875

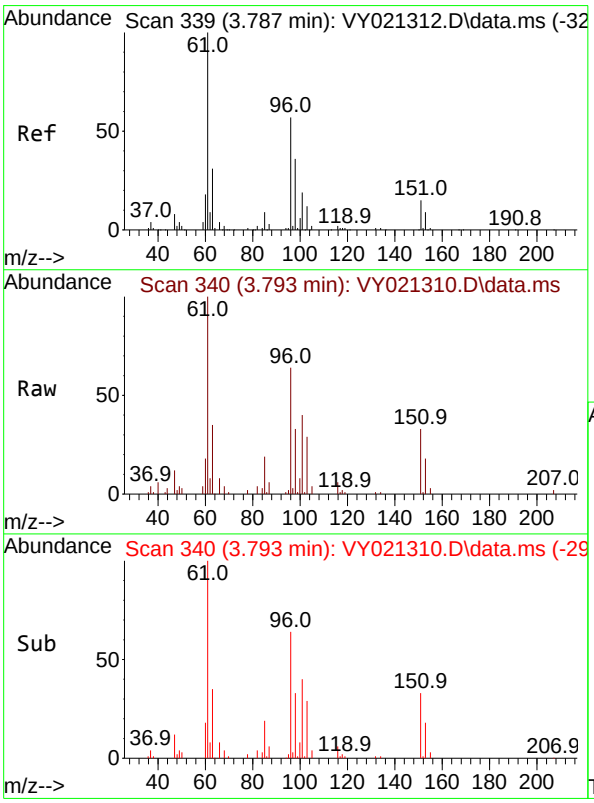
Ion	Ratio	Lower	Upper
59	100		
57	3.1	8.3	12.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

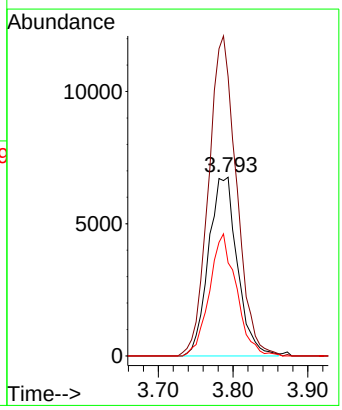
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

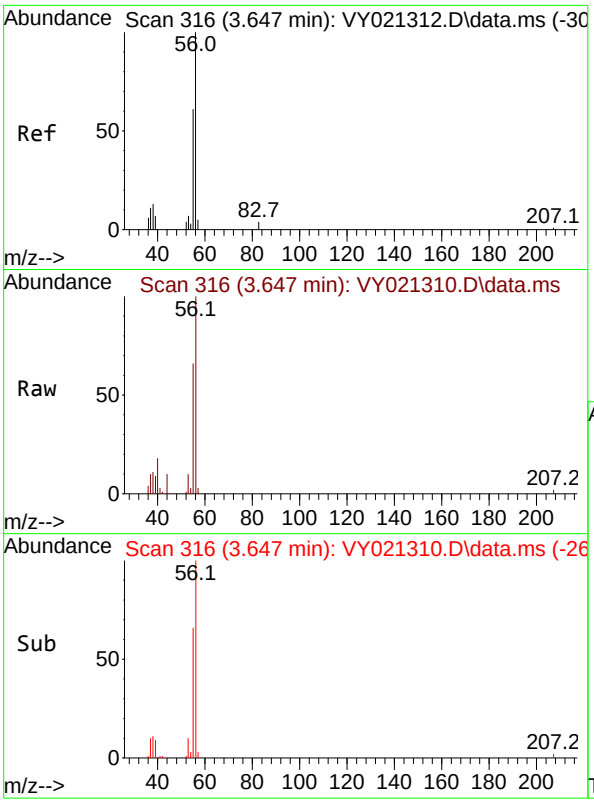


#12
1,1-Dichloroethene
Concen: 9.711 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 96 Resp: 18141

Ion	Ratio	Lower	Upper
96	100		
61	156.3	139.7	209.5
98	52.1	49.7	74.5

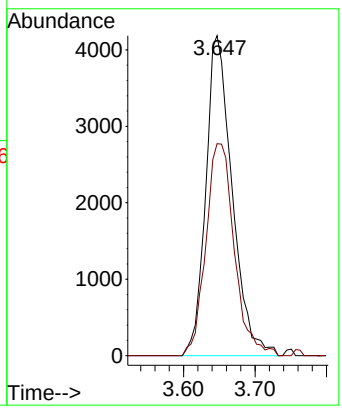




#13
Acrolein
Concen: 86.313 ug/l
RT: 3.647 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 56 Resp: 1071

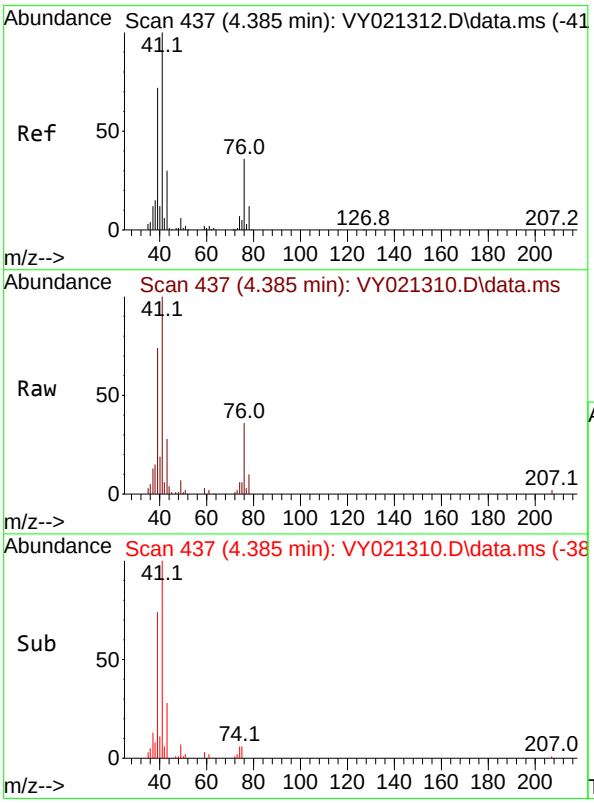
Ion	Ratio	Lower	Upper
56	100		
55	71.4	59.0	88.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

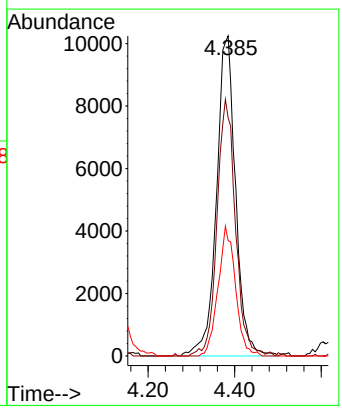
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

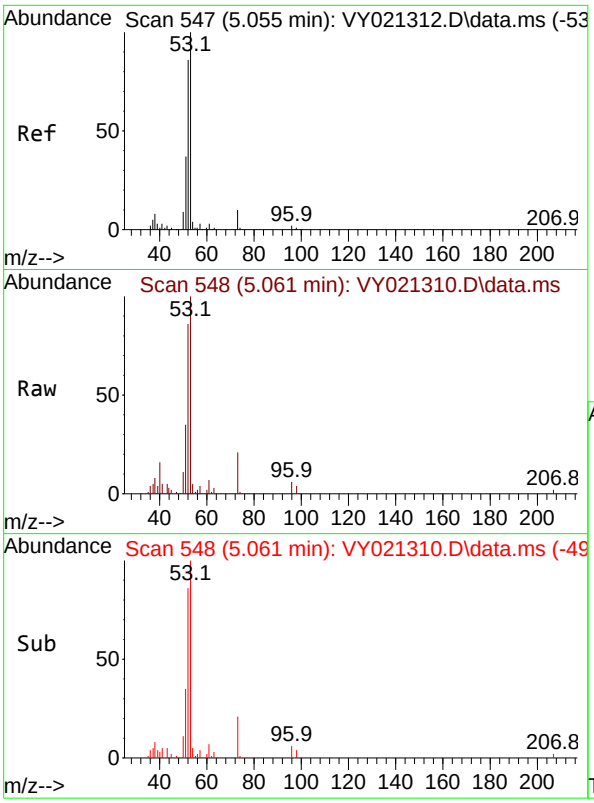


#14
Allyl chloride
Concen: 9.499 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 41 Resp: 31462

Ion	Ratio	Lower	Upper
41	100		
39	77.2	60.0	90.0
76	36.9	29.0	43.6

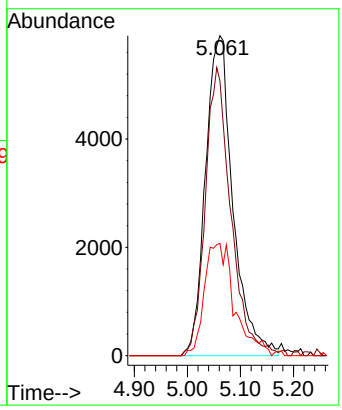




#15
Acrylonitrile
Concen: 47.572 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 53 Resp: 2127

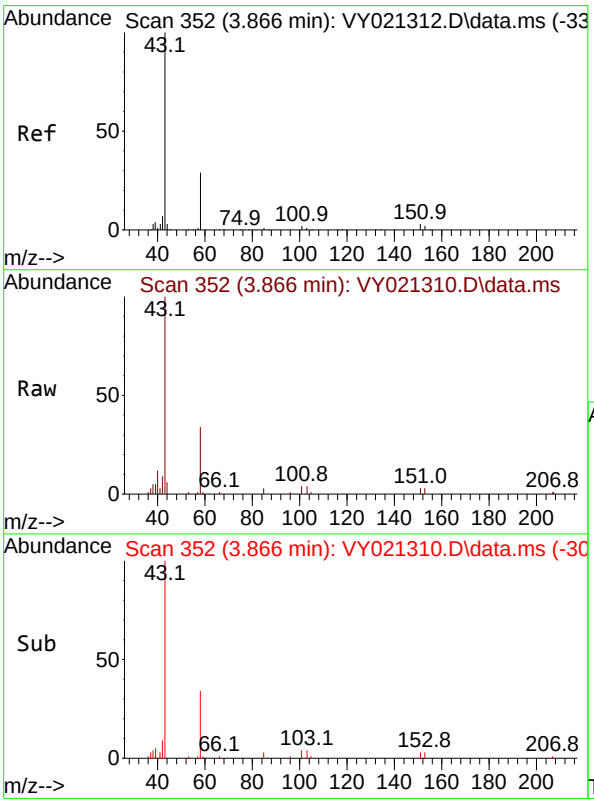
Ion	Ratio	Lower	Upper
53	100		
52	84.1	65.5	98.3
51	38.5	30.6	46.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

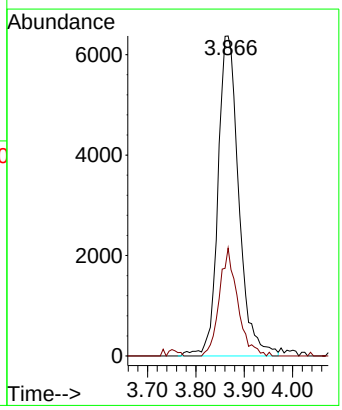
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

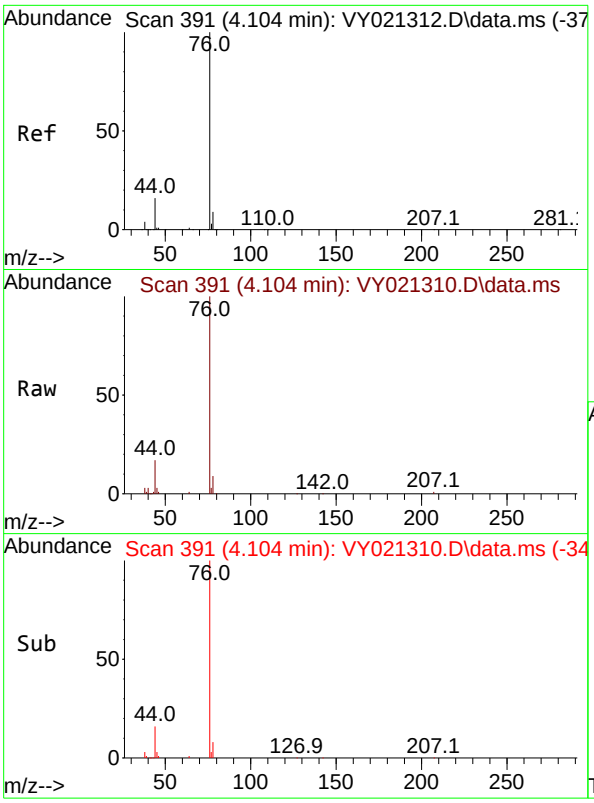


#16
Acetone
Concen: 47.086 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 43 Resp: 19023

Ion	Ratio	Lower	Upper
43	100		
58	33.7	23.5	35.3

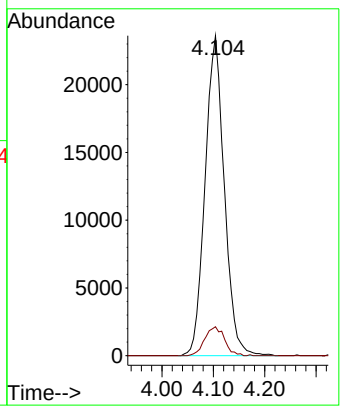




#17
Carbon Disulfide
Concen: 9.888 ug/l
RT: 4.104 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 76 Resp: 6133

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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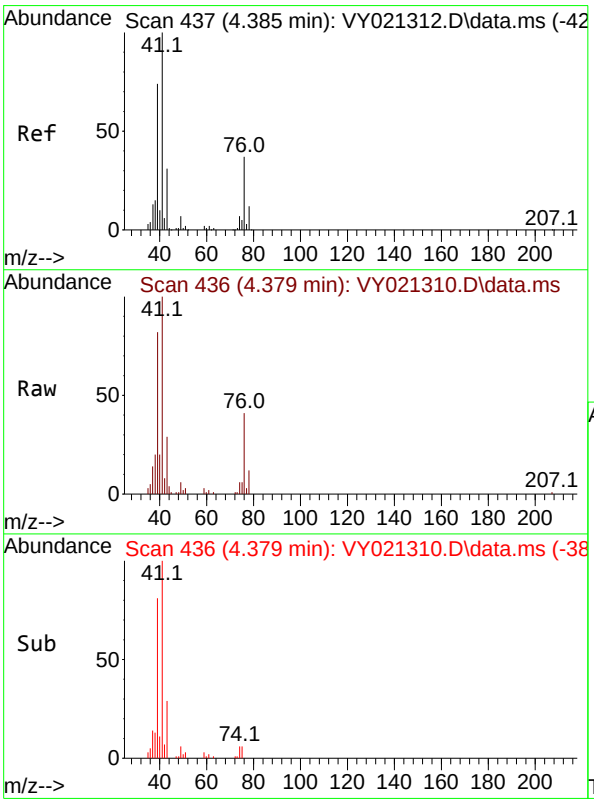
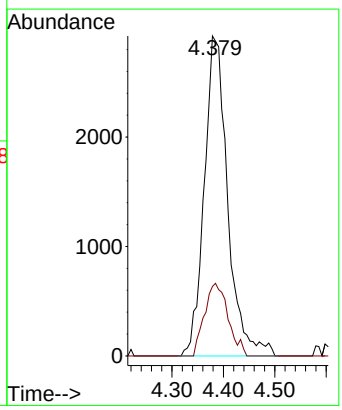
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

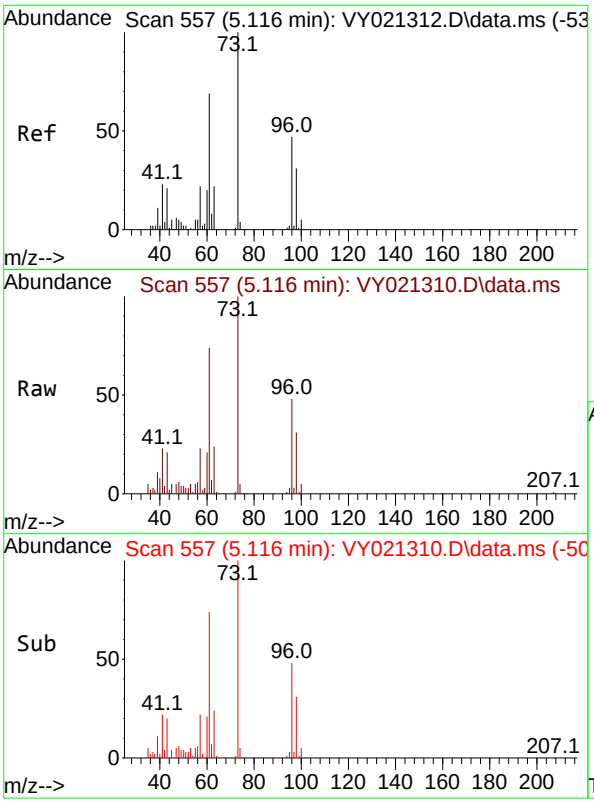


#18
Methyl Acetate
Concen: 9.378 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 43 Resp: 9259

Ion	Ratio	Lower	Upper
43	100		
74	22.8	17.7	26.5

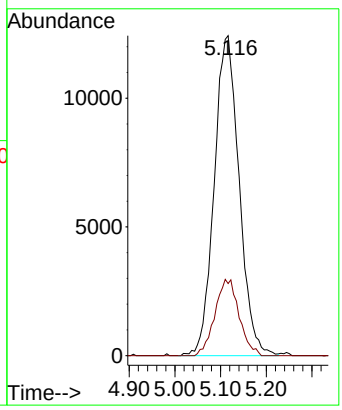




#19
Methyl tert-butyl Ether
Concen: 9.541 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 73 Resp: 4709

Ion	Ratio	Lower	Upper
73	100		
57	22.6	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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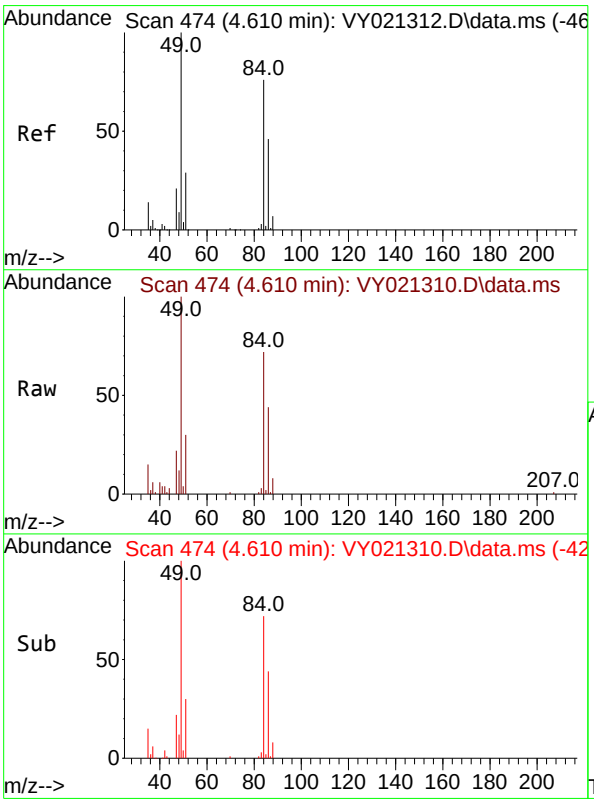
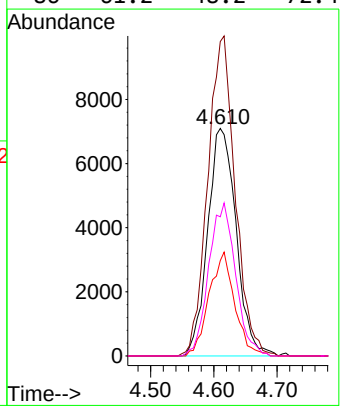
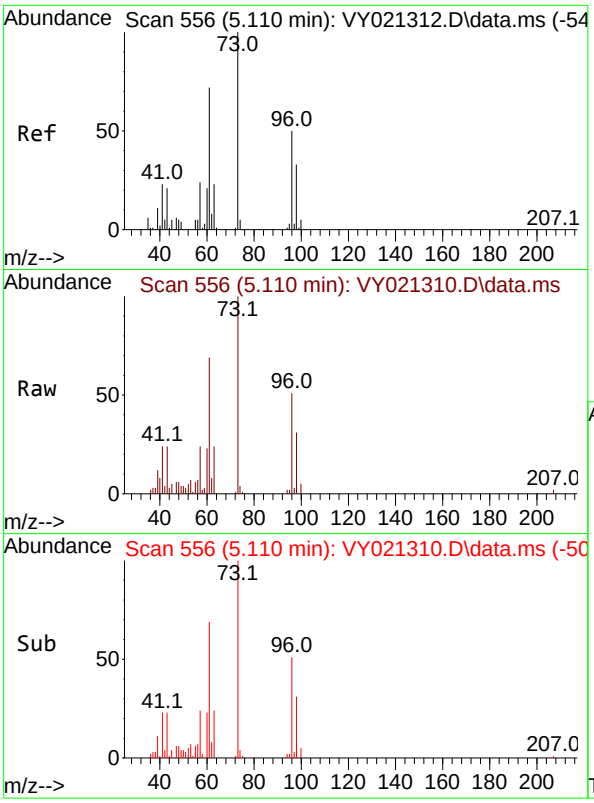


#20
Methylene Chloride
Concen: 10.158 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 84 Resp: 22192

Ion	Ratio	Lower	Upper
84	100		
49	138.2	105.1	157.7
51	41.9	31.0	46.4
86	61.2	48.2	72.4

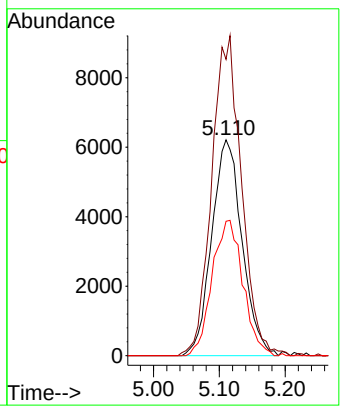




#21
trans-1,2-Dichloroethene
Concen: 9.687 ug/l
RT: 5.110 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 96 Resp: 1992

Ion	Ratio	Lower	Upper
96	100		
61	137.3	116.3	174.5
98	62.3	52.6	78.8



Instrument :
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ClientSampleId :
VSTDICC010

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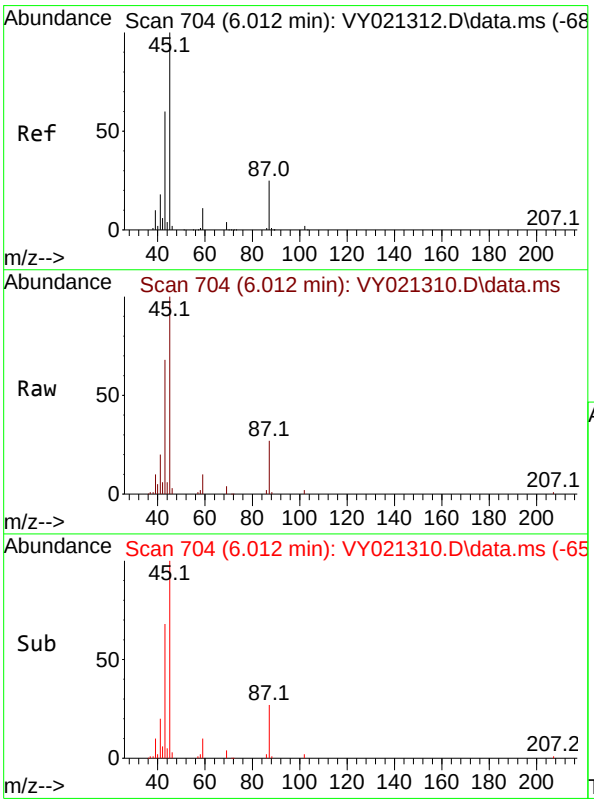
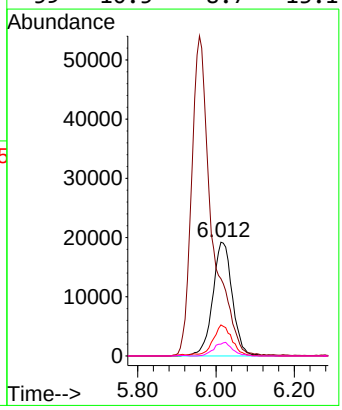
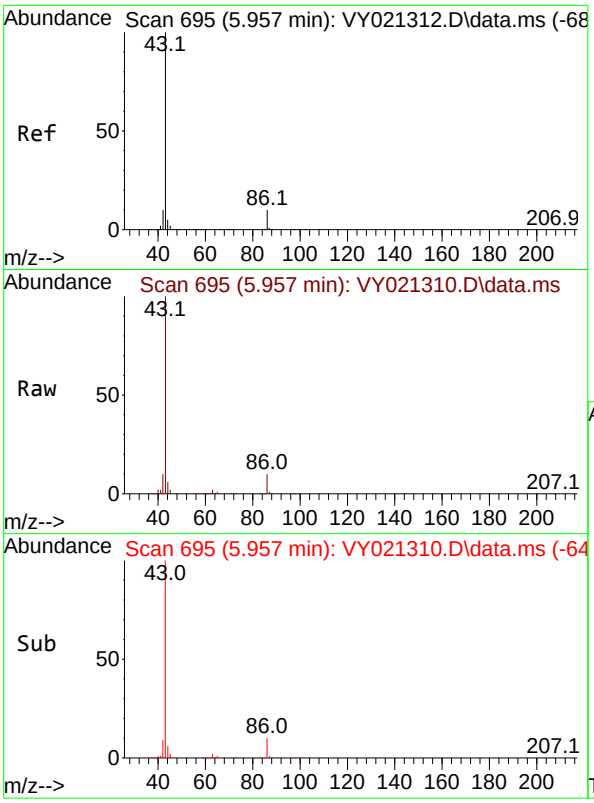


#22
Diisopropyl ether
Concen: 9.717 ug/l
RT: 6.012 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 45 Resp: 66598

Ion	Ratio	Lower	Upper
45	100		
43	67.4	48.2	72.4
87	27.4	20.3	30.5
59	10.5	8.7	13.1





#23
Vinyl Acetate
Concen: 47.195 ug/l
RT: 5.957 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 43 Resp: 19329

Ion	Ratio	Lower	Upper
43	100		
86	10.2	8.0	12.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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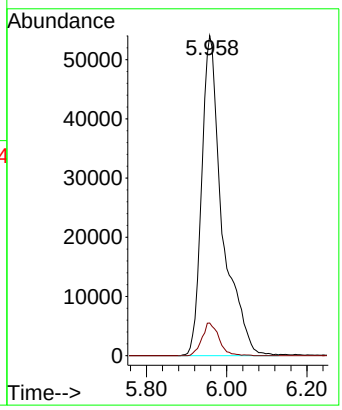
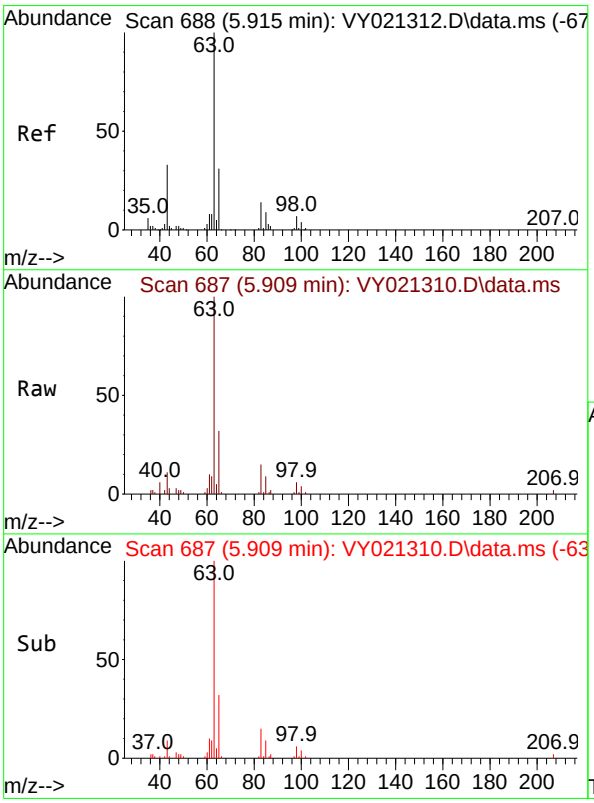
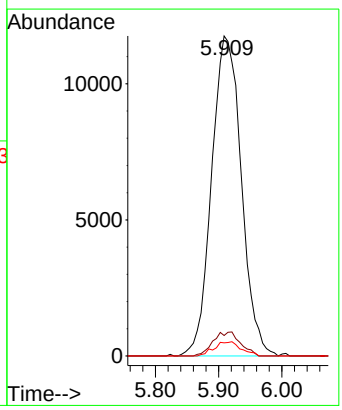


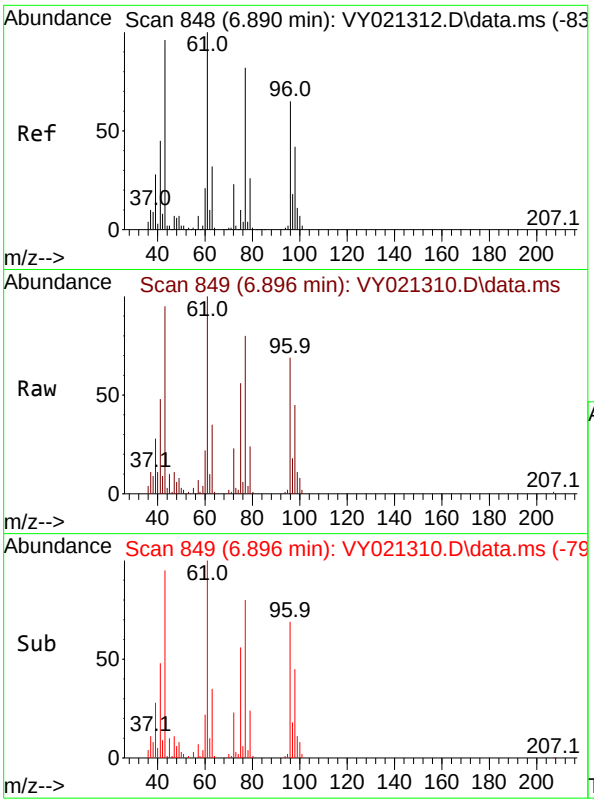


#24
1,1-Dichloroethane
Concen: 9.918 ug/l
RT: 5.909 min Scan# 687
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 63 Resp: 38311

Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.7	11.1
100	4.1	2.1	6.5

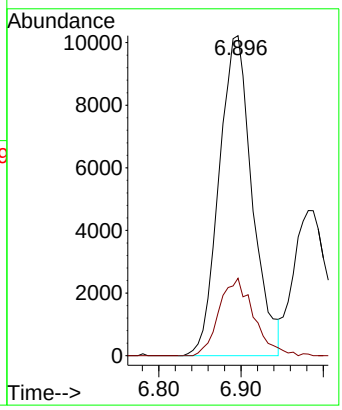




#25
2-Butanone
Concen: 47.087 ug/l
RT: 6.896 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 43 Resp: 2871

Ion	Ratio	Lower	Upper
43	100		
72	24.2	19.0	28.6



Instrument :
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ClientSampleId :
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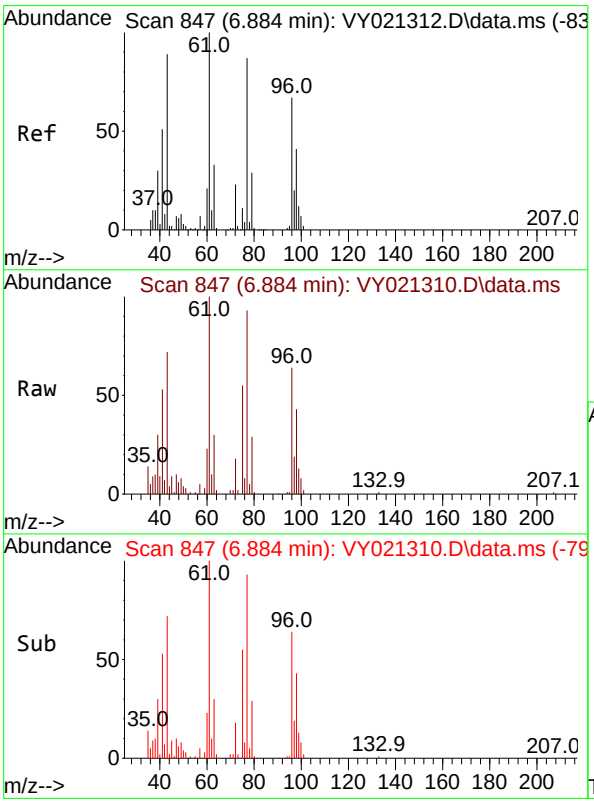
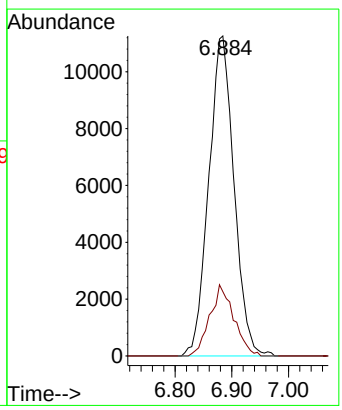
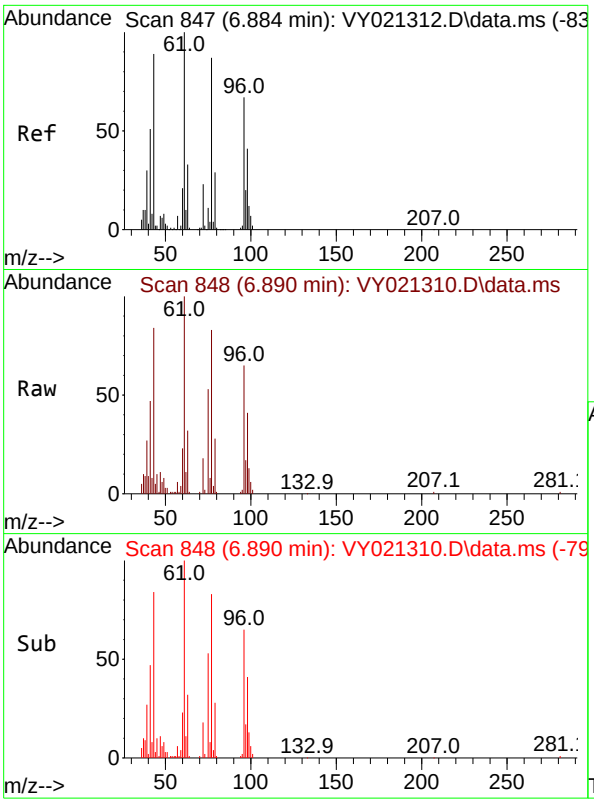


#26
2,2-Dichloropropane
Concen: 9.945 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 77 Resp: 34859

Ion	Ratio	Lower	Upper
77	100		
97	21.2	10.9	32.7

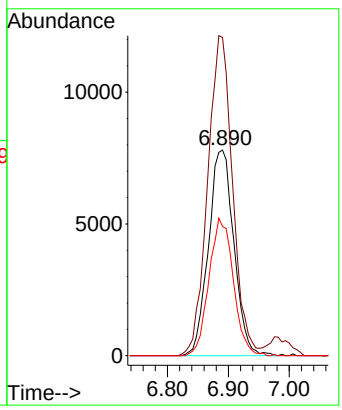




#27
cis-1,2-Dichloroethene
Concen: 9.651 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 96 Resp: 2266

Ion	Ratio	Lower	Upper
96	100		
61	152.2	0.0	308.0
98	63.9	0.0	129.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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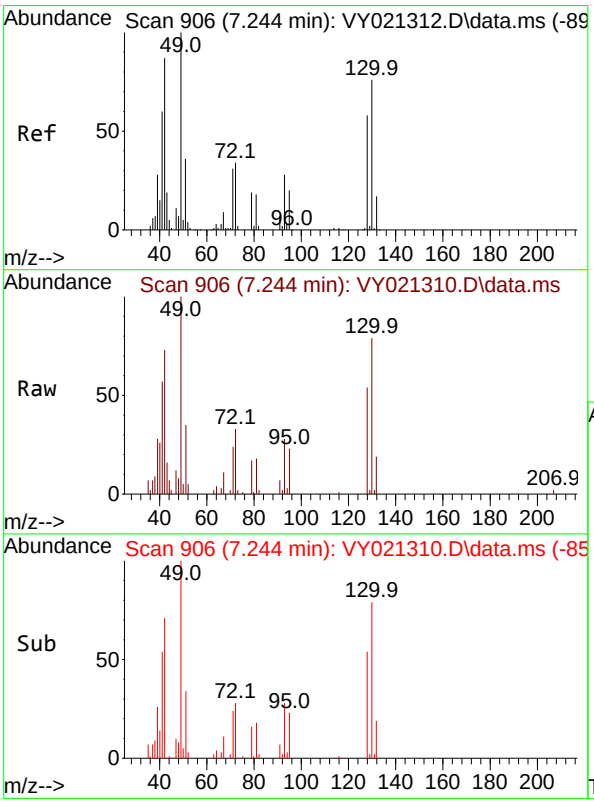
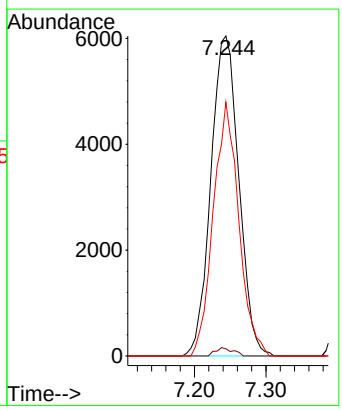
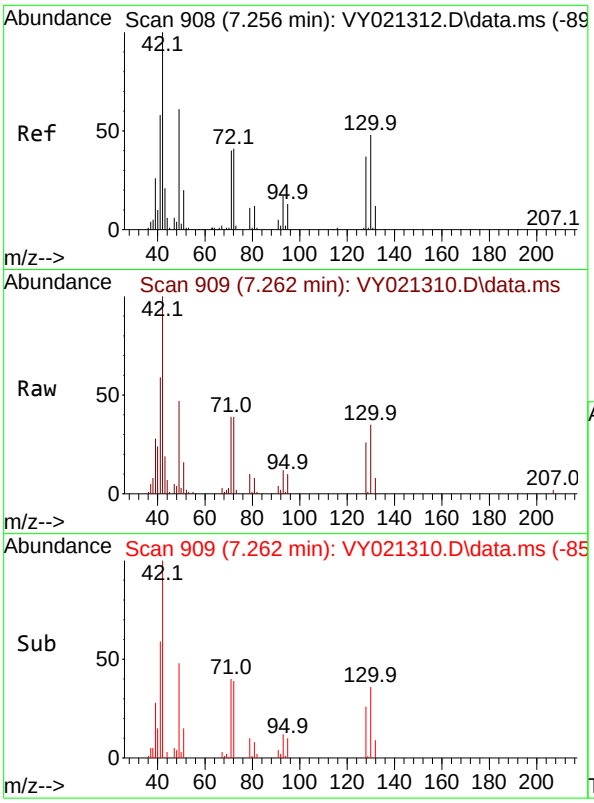


#28
Bromochloromethane
Concen: 9.605 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 49 Resp: 16417

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.0
130	72.2	57.8	86.6

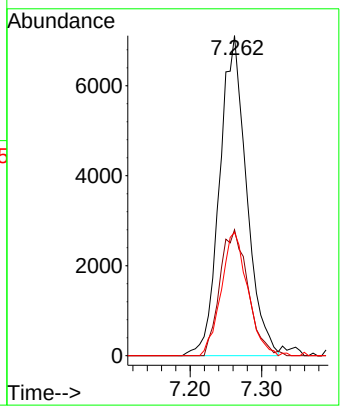




#29
Tetrahydrofuran
Concen: 46.731 ug/l
RT: 7.262 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 42 Resp: 1862

Ion	Ratio	Lower	Upper
42	100		
72	41.1	33.1	49.7
71	38.1	31.4	47.0



Instrument :
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ClientSampleId :
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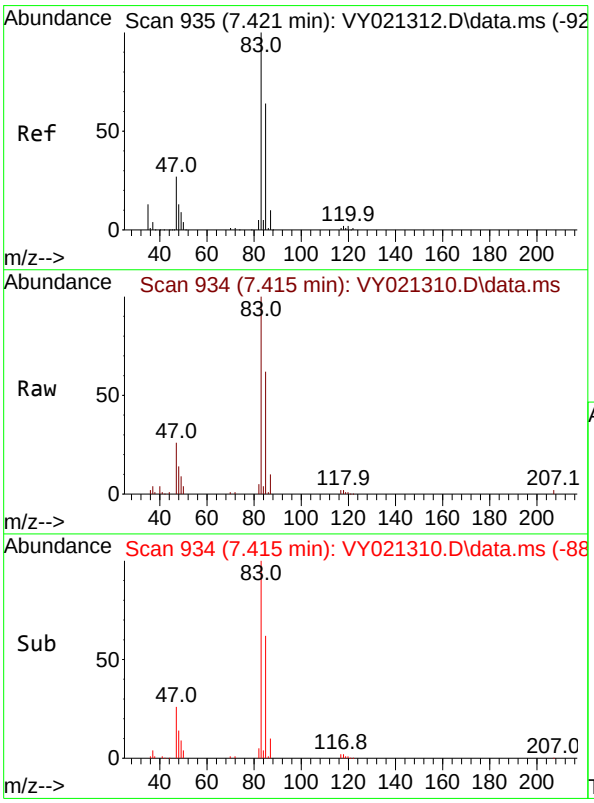
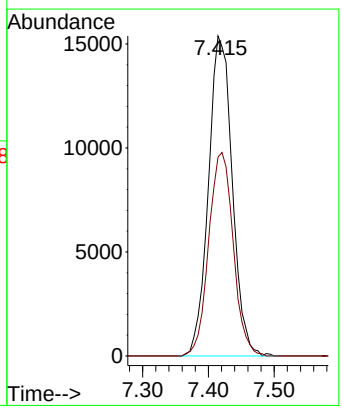
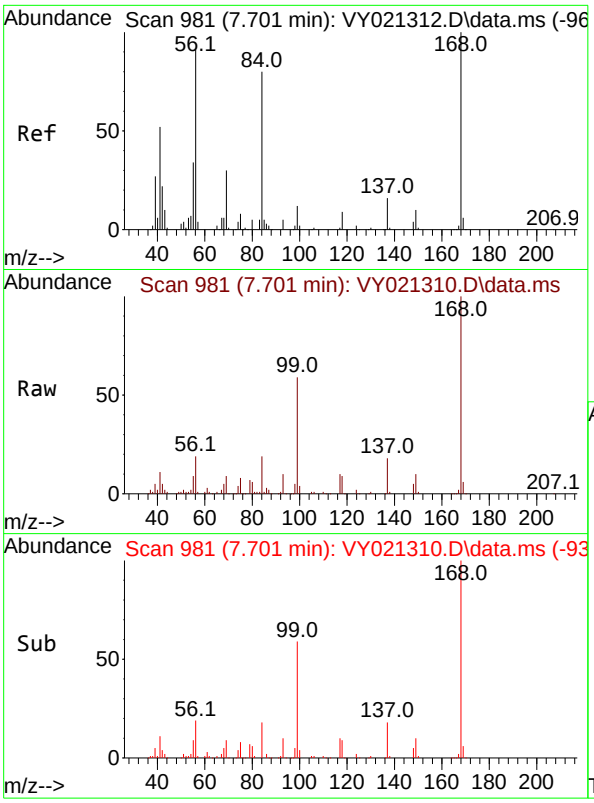


#30
Chloroform
Concen: 9.922 ug/l
RT: 7.415 min Scan# 934
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 83 Resp: 38838

Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.6	77.4

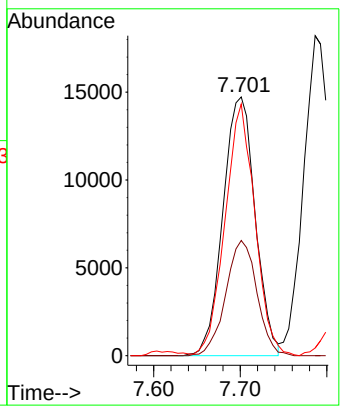




#31
Cyclohexane
Concen: 10.253 ug/l
RT: 7.701 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 56 Resp: 3807

Ion	Ratio	Lower	Upper
56	100		
69	44.5	26.2	39.4
84	96.3	70.2	105.4



Instrument :
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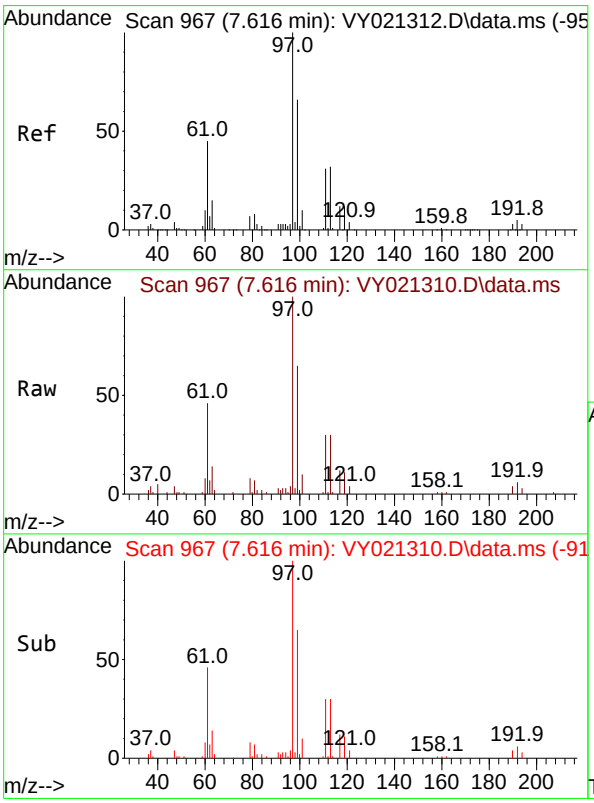
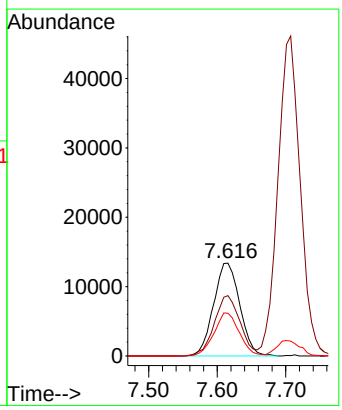
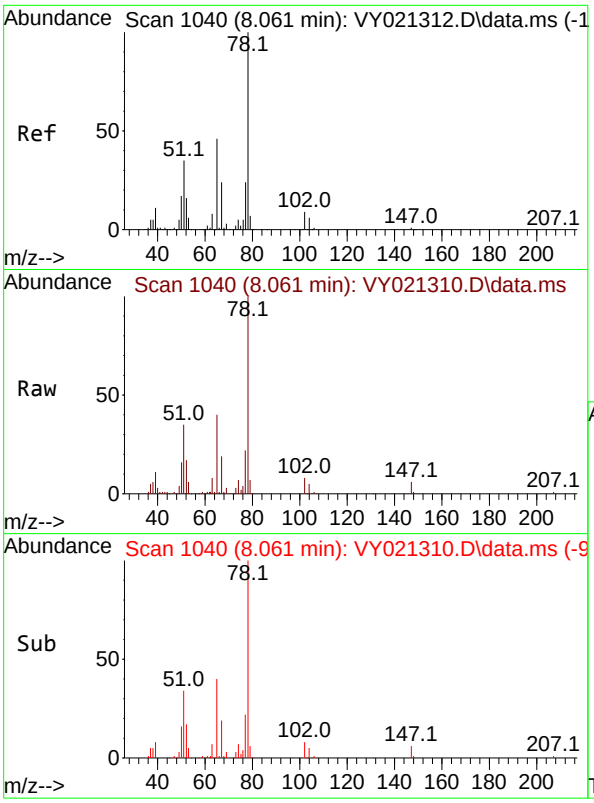


#32
1,1,1-Trichloroethane
Concen: 9.961 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 97 Resp: 35489

Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.4	78.6
61	45.1	36.2	54.2

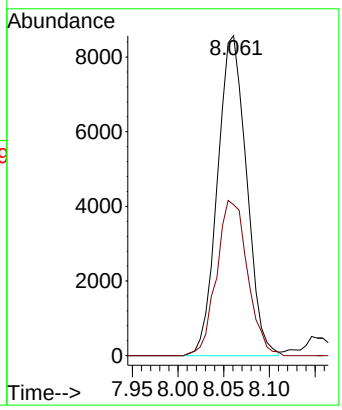




#33
1,2-Dichloroethane-d4
Concen: 8.992 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 65 Resp: 1893

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	103.6



Instrument :
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ClientSampleId :
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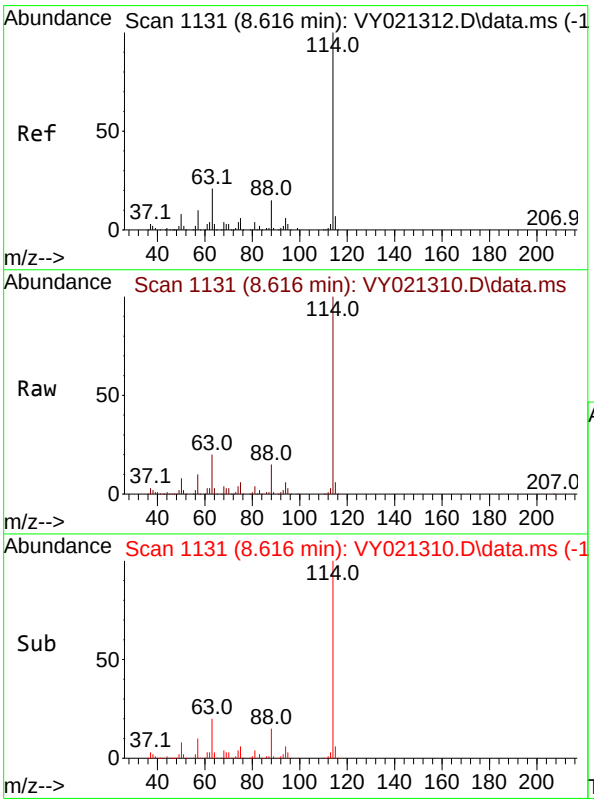
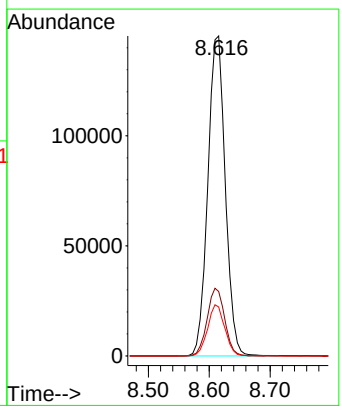
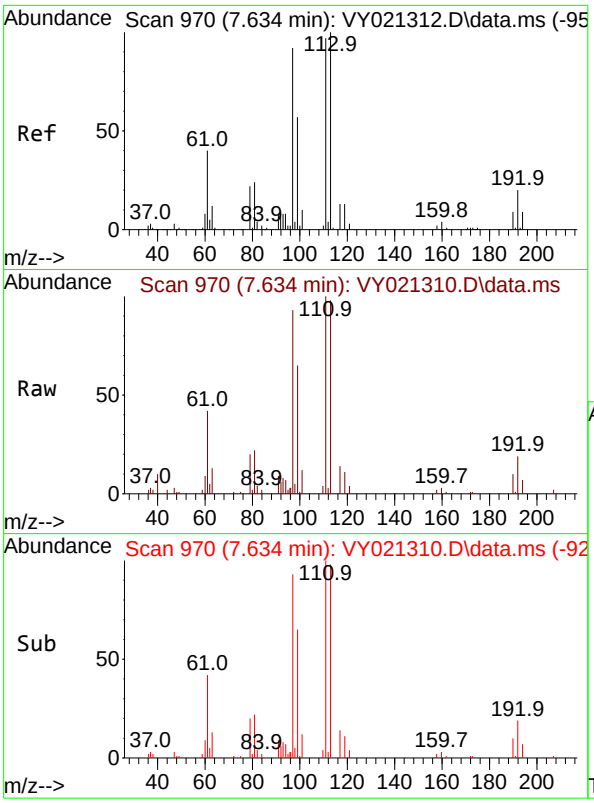


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:114 Resp: 289178

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.2
88	15.3	0.0	29.8

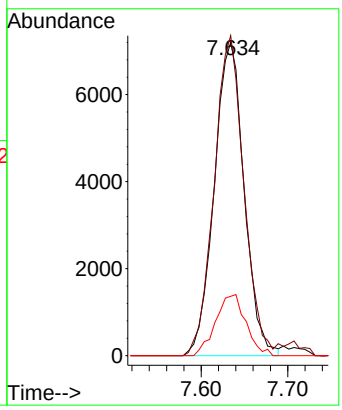




#35
Dibromofluoromethane
Concen: 9.108 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:113 Resp: 1726

Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.0	121.6
192	19.7	15.8	23.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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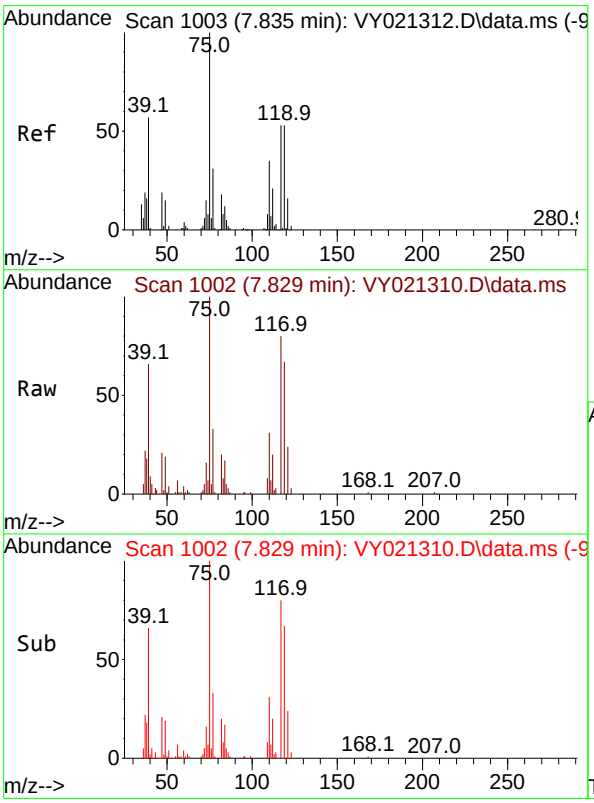
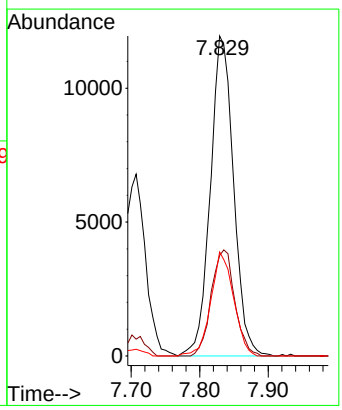
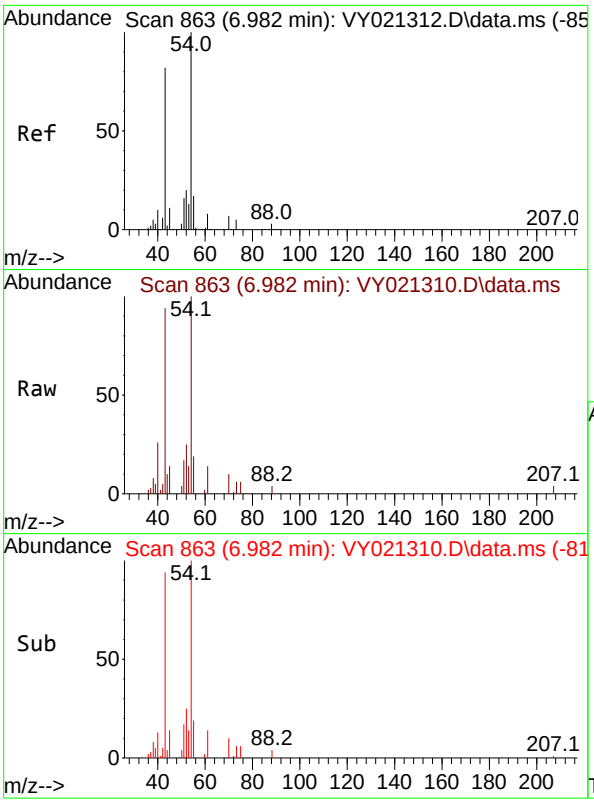


#36
1,1-Dichloropropene
Concen: 9.892 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 75 Resp: 28171

Ion	Ratio	Lower	Upper
75	100		
110	33.5	16.9	50.7
77	31.9	24.6	36.8

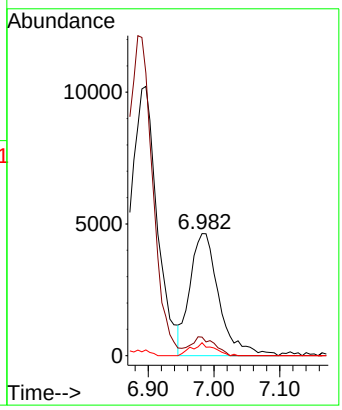




#37
Ethyl Acetate
Concen: 10.038 ug/l
RT: 6.982 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 43 Resp: 1421

Ion	Ratio	Lower	Upper
43	100		
61	12.4	10.4	15.6
70	8.0	7.5	11.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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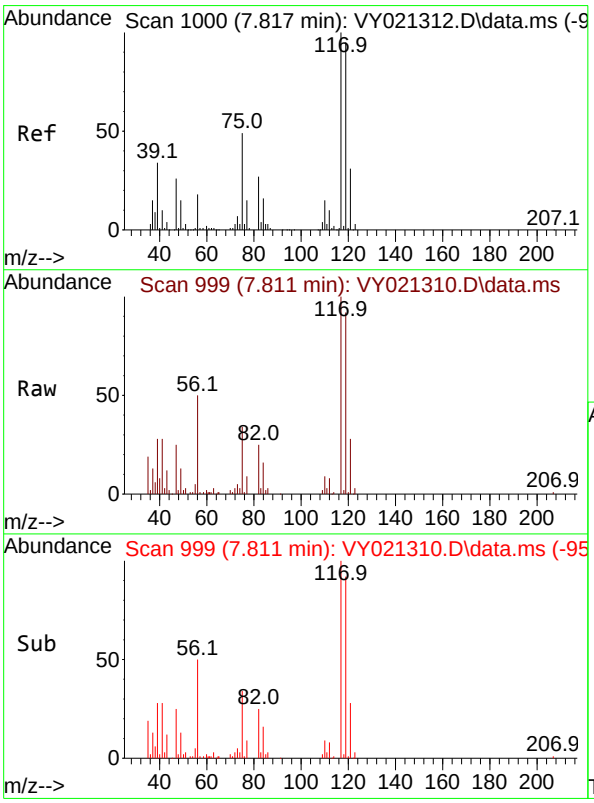
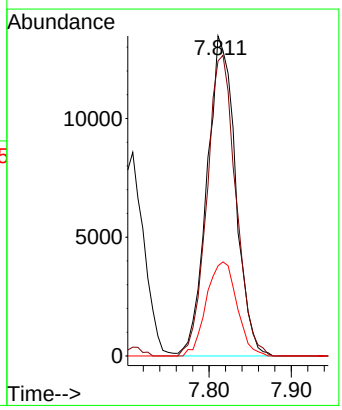
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

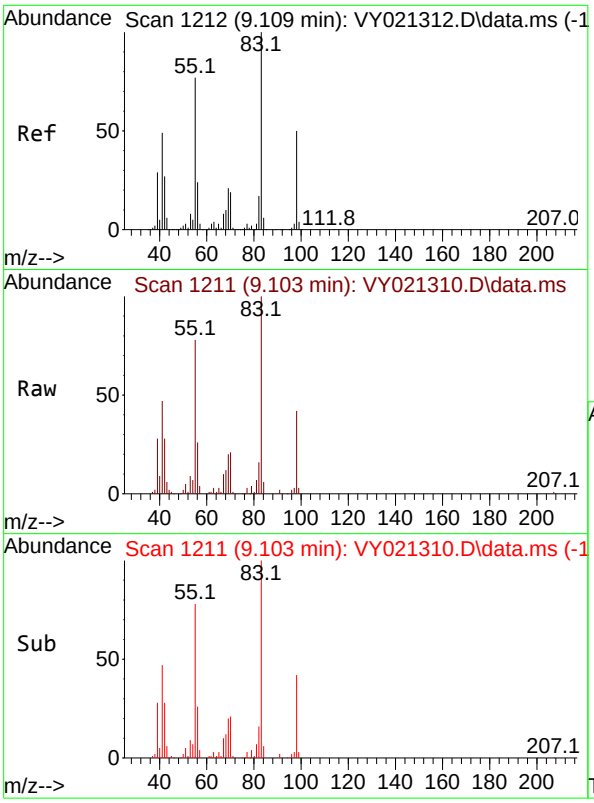


#38
Carbon Tetrachloride
Concen: 10.149 ug/l
RT: 7.811 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:117 Resp: 32494

Ion	Ratio	Lower	Upper
117	100		
119	92.2	76.0	114.0
121	28.1	24.9	37.3





#39
Methylcyclohexane
Concen: 9.837 ug/l
RT: 9.103 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 83 Resp: 3543

Ion	Ratio	Lower	Upper
83	100		
55	78.2	61.3	91.9
98	42.5	39.9	59.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

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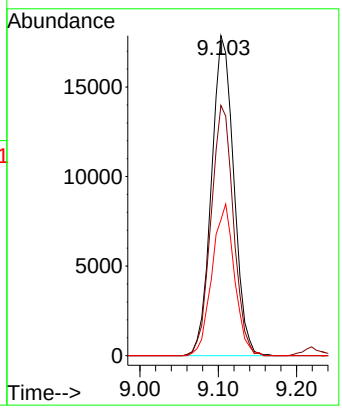
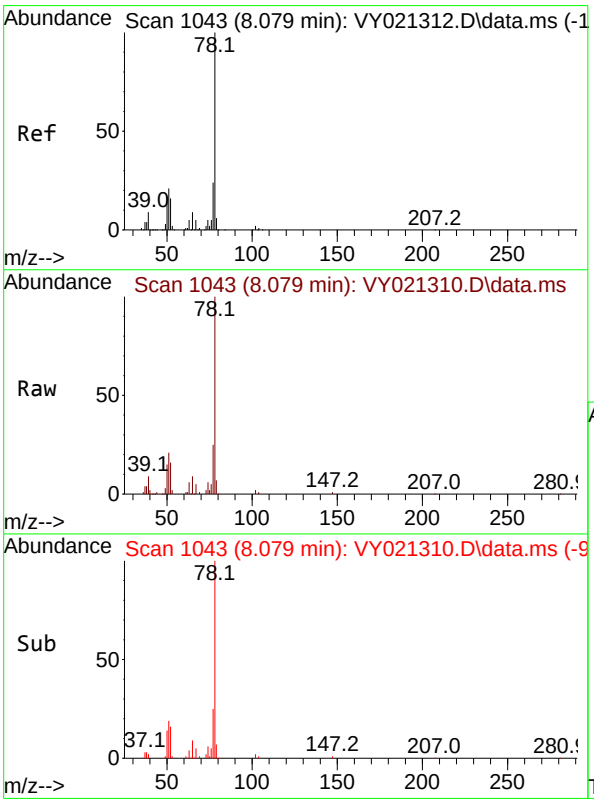
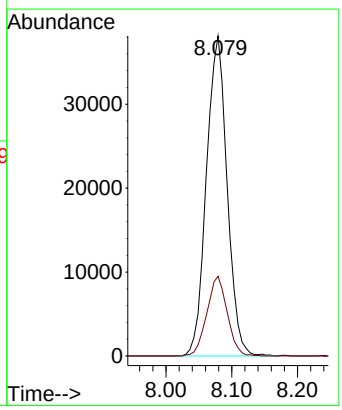


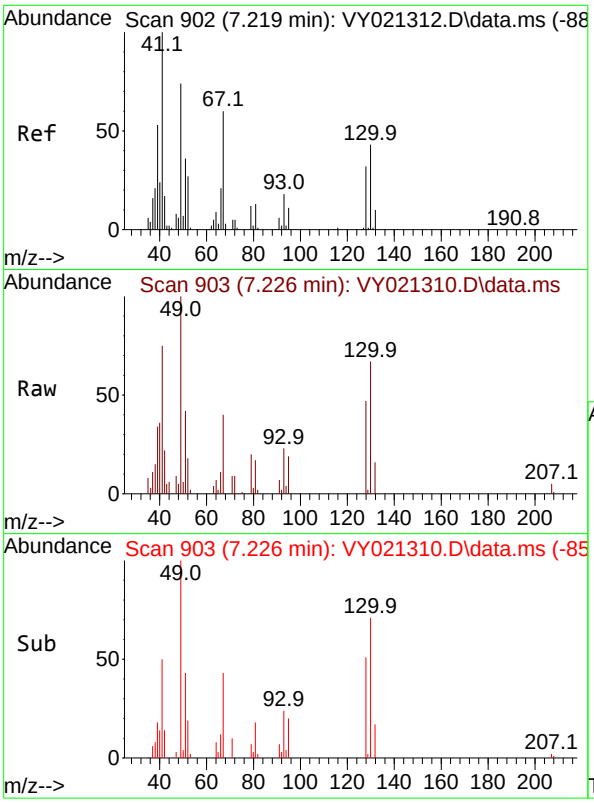


#40
Benzene
Concen: 9.930 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 78 Resp: 83594

Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.2	28.8

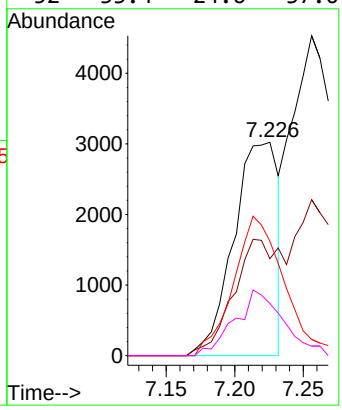




#41
Methacrylonitrile
Concen: 8.642 ug/l
RT: 7.226 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 41 Resp: 684

Ion	Ratio	Lower	Upper
41	100		
39	60.5	42.3	63.5
67	74.2	54.8	82.2
52	33.4	24.6	37.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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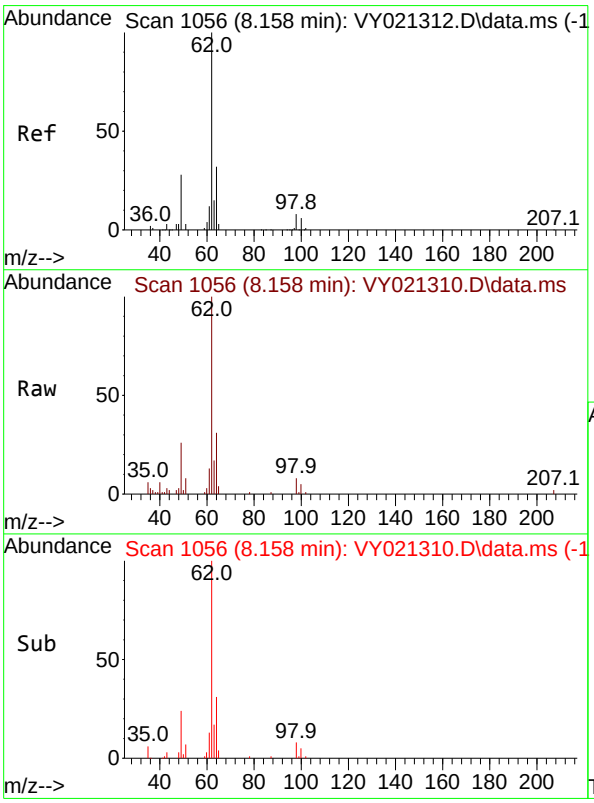
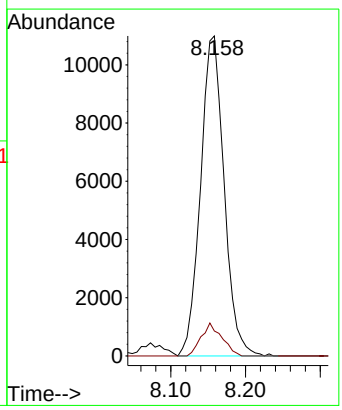
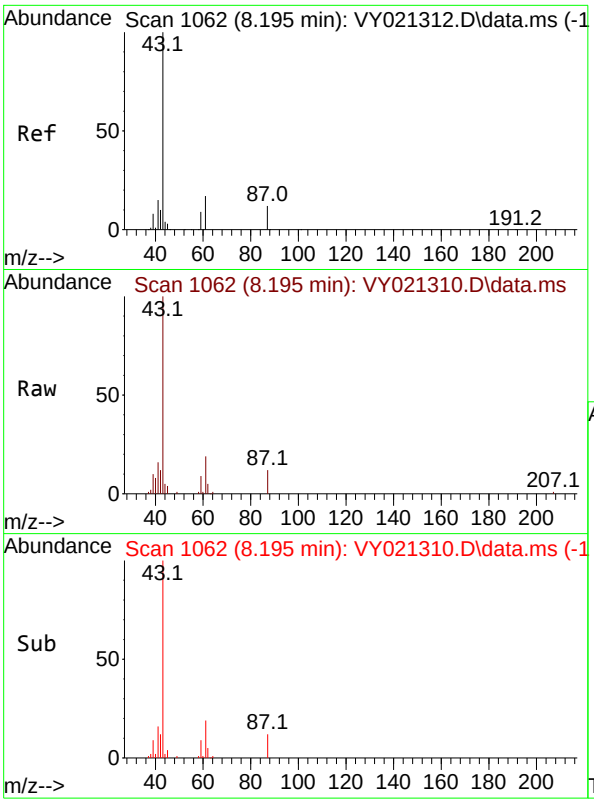


#42
1,2-Dichloroethane
Concen: 10.087 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 62 Resp: 24091

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.6

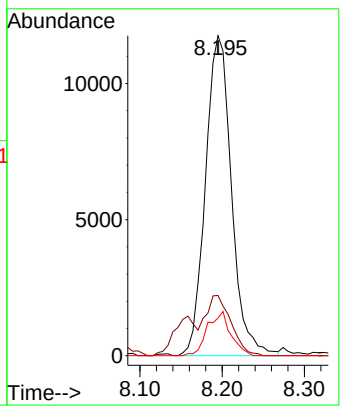




#43
Isopropyl Acetate
Concen: 9.436 ug/l
RT: 8.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 43 Resp: 2587

Ion	Ratio	Lower	Upper
43	100		
61	18.4	15.0	22.6
87	12.3	10.0	15.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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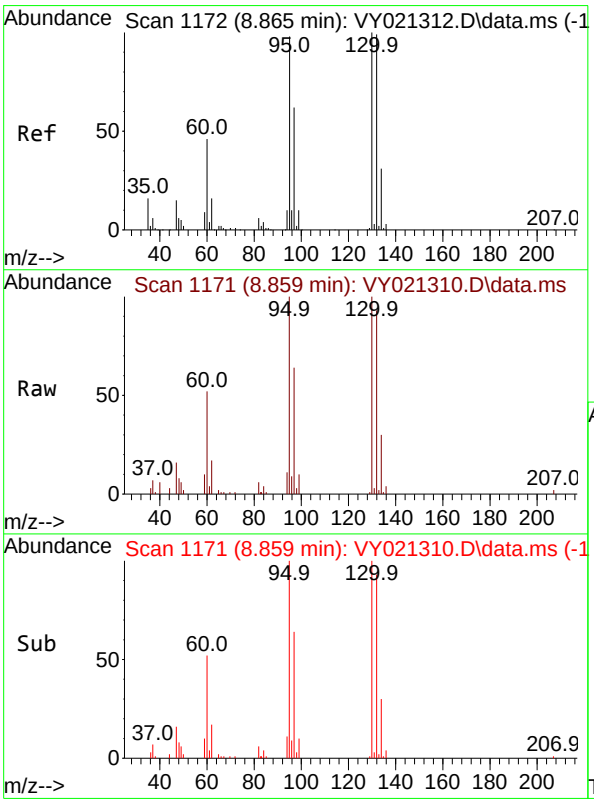
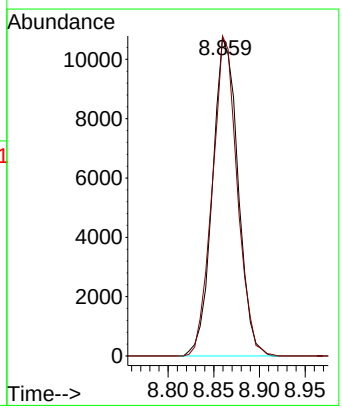
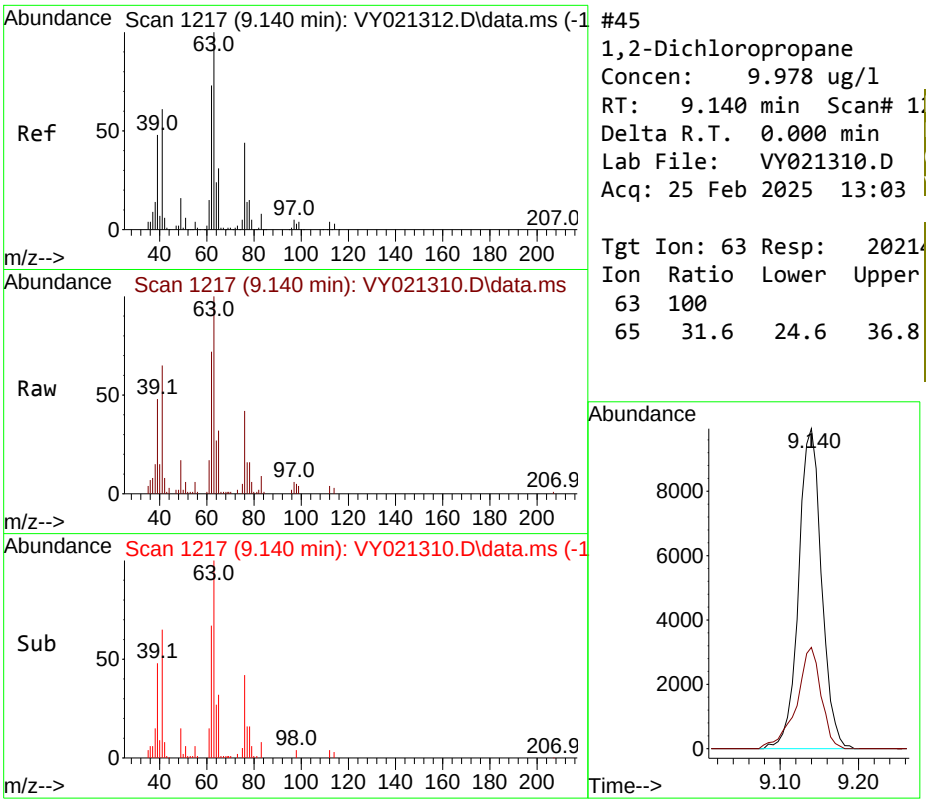


#44
Trichloroethene
Concen: 9.880 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:130 Resp: 20823

Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	196.0





#45
1,2-Dichloropropane
Concen: 9.978 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 63 Resp: 2021

Ion	Ratio	Lower	Upper
63	100		
65	31.6	24.6	36.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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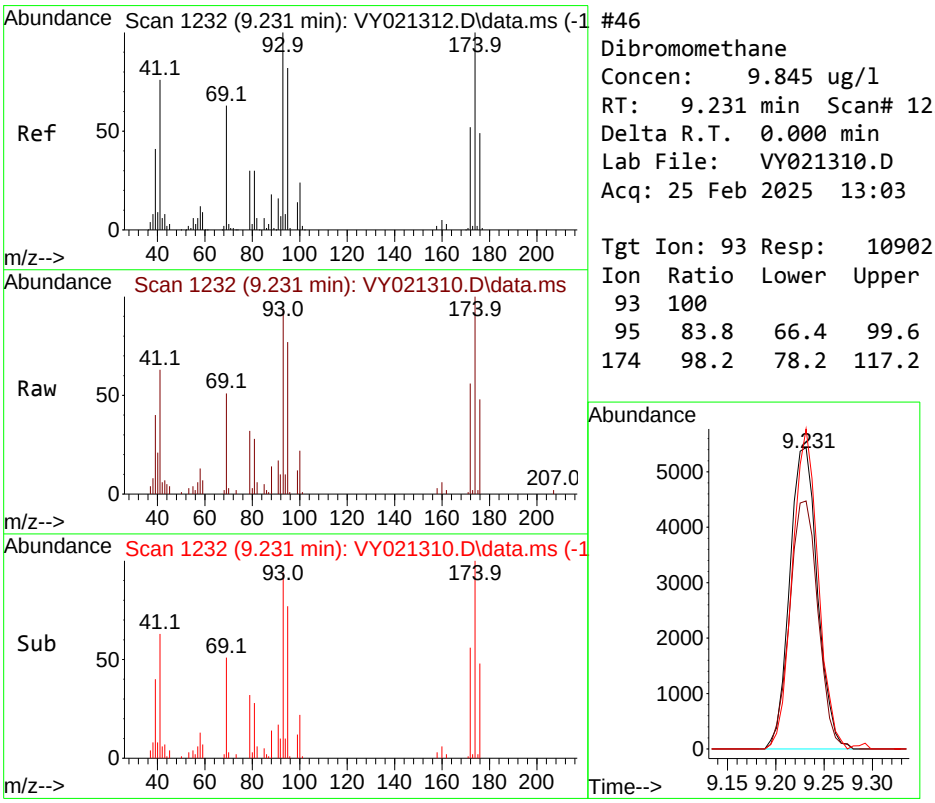
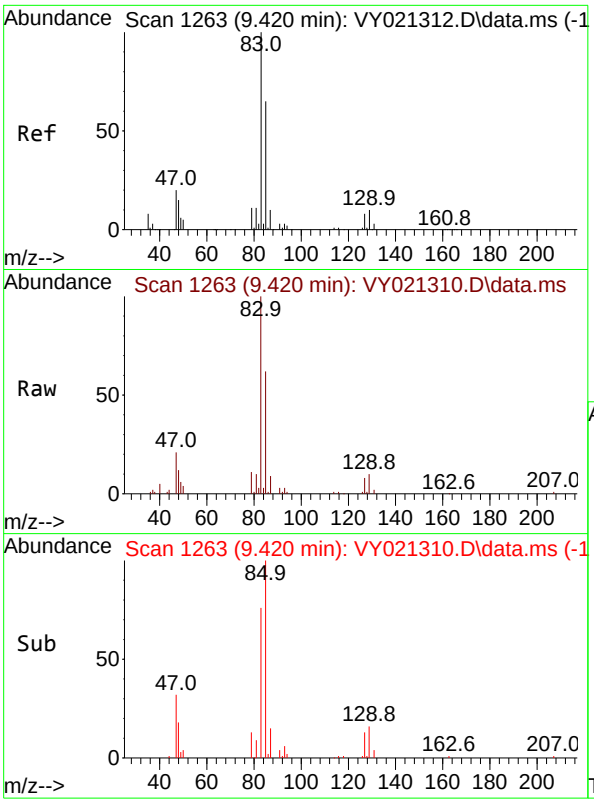


#46
Dibromomethane
Concen: 9.845 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 93 Resp: 10902

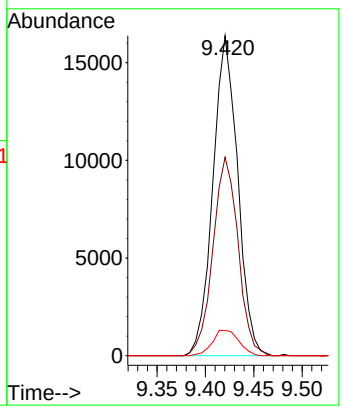
Ion	Ratio	Lower	Upper
93	100		
95	83.8	66.4	99.6
174	98.2	78.2	117.2



#47
Bromodichloromethane
Concen: 9.860 ug/l
RT: 9.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 83 Resp: 2911

Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.8	77.8
127	7.9	6.7	10.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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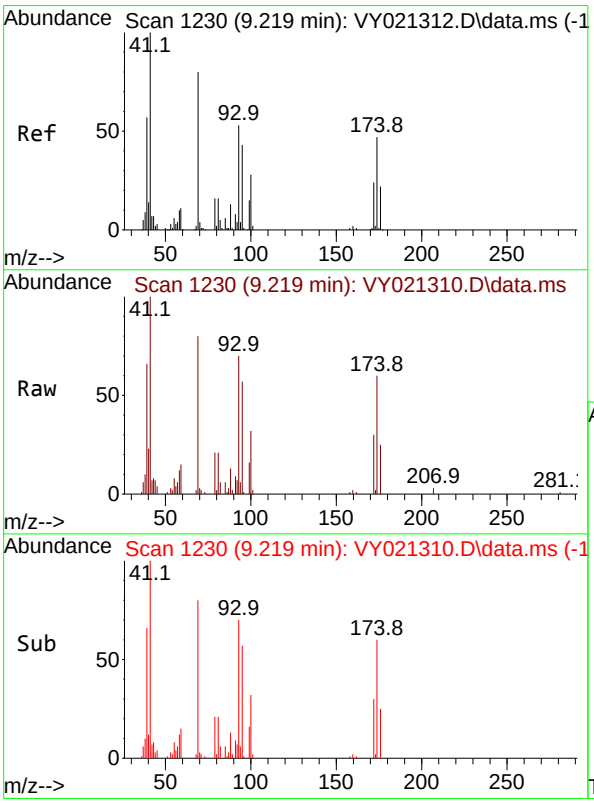
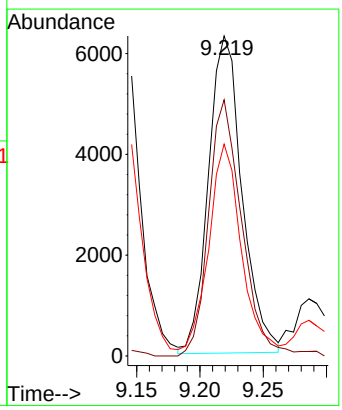
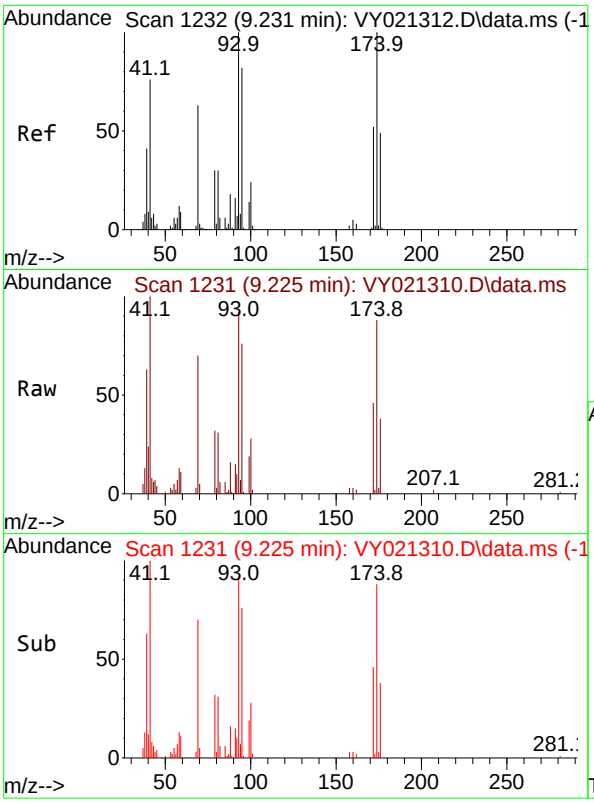


#48
Methyl methacrylate
Concen: 9.088 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 41 Resp: 11652

Ion	Ratio	Lower	Upper
41	100		
69	80.1	63.3	94.9
39	61.7	45.0	67.6





#49
1,4-Dioxane
Concen: 187.520 ug/l
RT: 9.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 88 Resp: 230

Ion	Ratio	Lower	Upper
88	100		
43	44.1	34.8	52.2
58	79.5	59.8	89.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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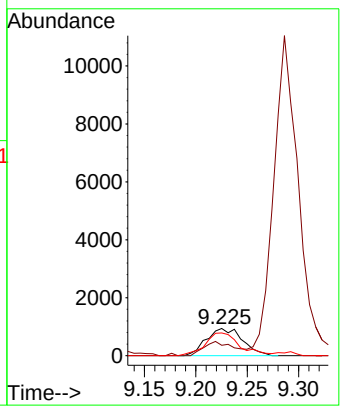
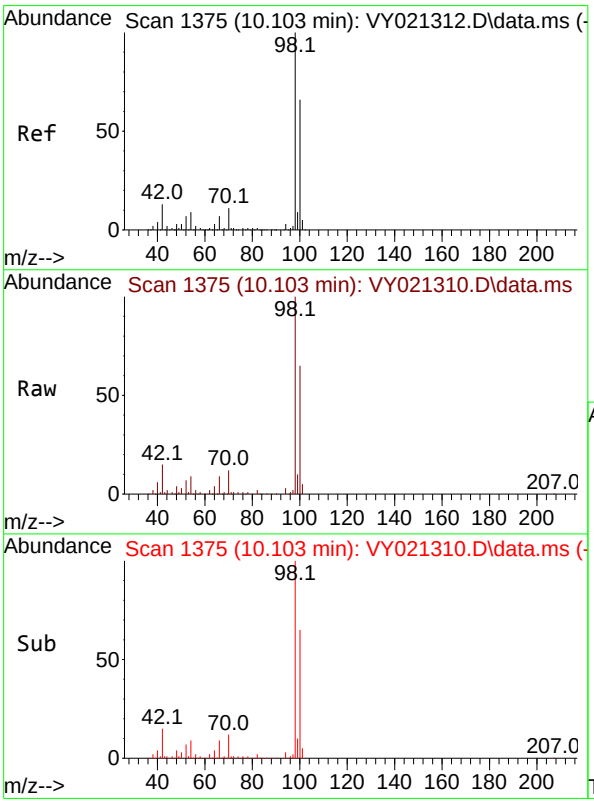
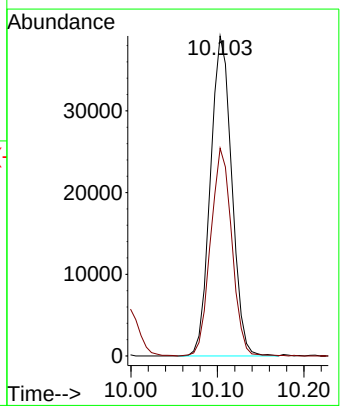


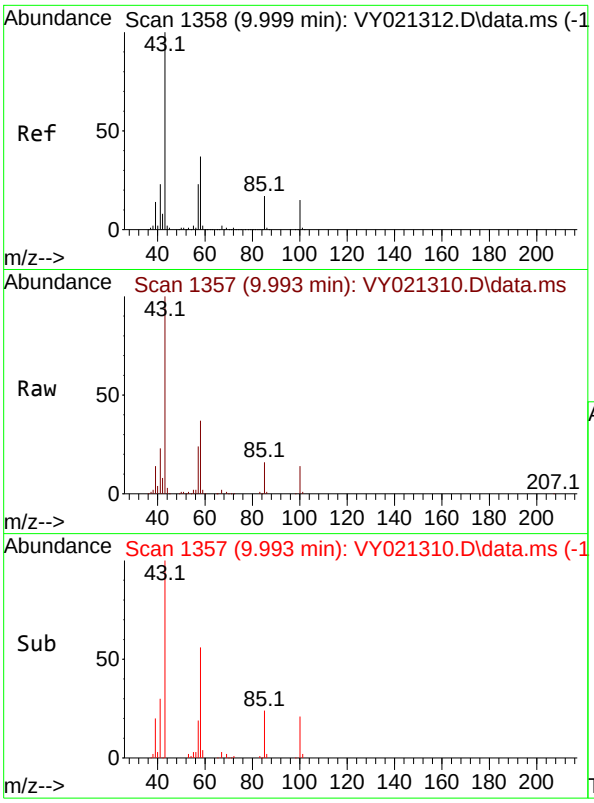


#50
Toluene-d8
Concen: 9.141 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 98 Resp: 66979

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.4	78.6

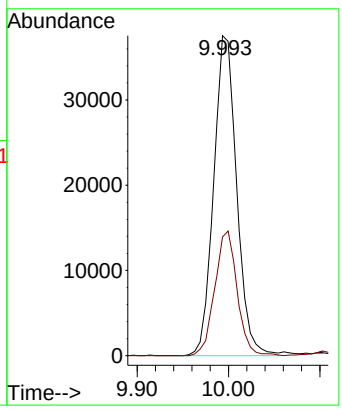




#51
4-Methyl-2-Pentanone
Concen: 46.808 ug/l
RT: 9.993 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 43 Resp: 6569

Ion	Ratio	Lower	Upper
43	100		
58	37.9	30.1	45.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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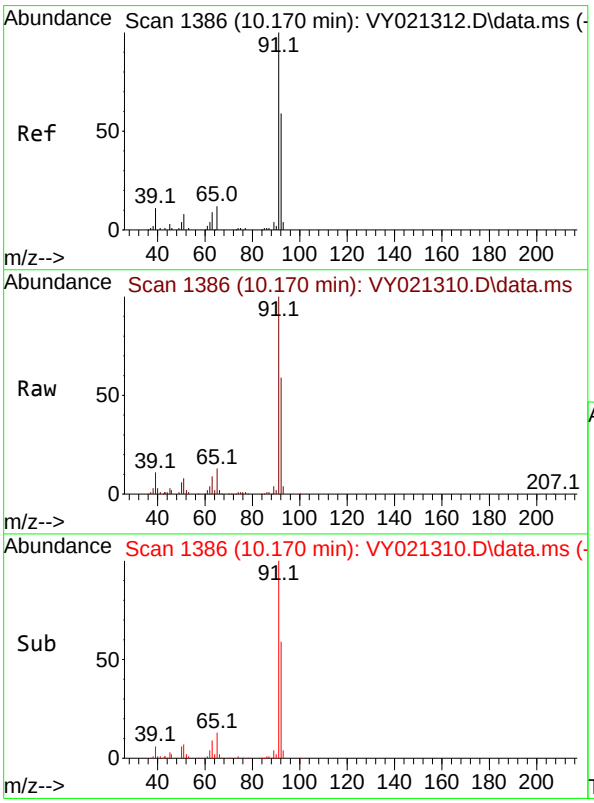
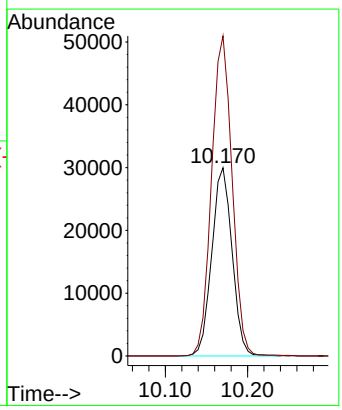
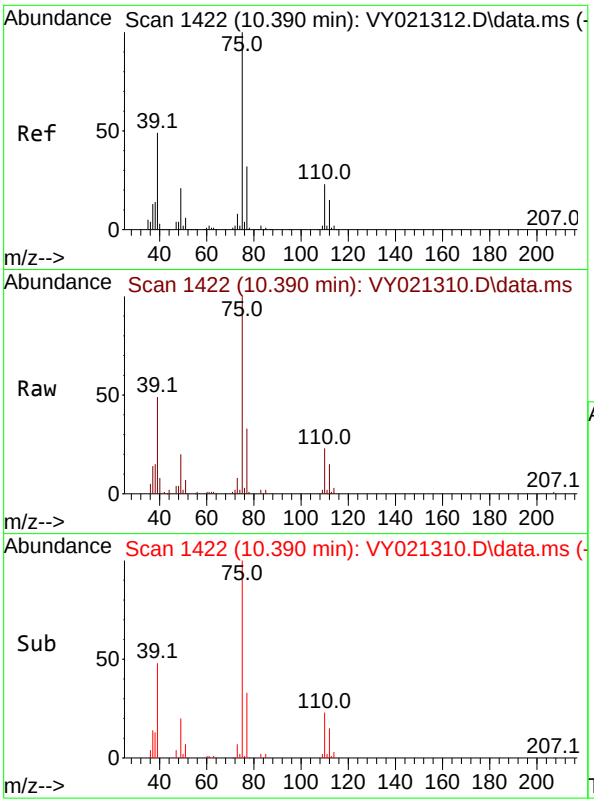


#52
Toluene
Concen: 9.823 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 92 Resp: 51371

Ion	Ratio	Lower	Upper
92	100		
91	172.4	137.8	206.8

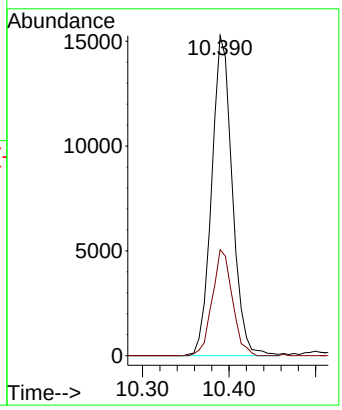




#53
t-1,3-Dichloropropene
Concen: 9.322 ug/l
RT: 10.390 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 75 Resp: 2521

Ion	Ratio	Lower	Upper
75	100		
77	33.1	25.3	37.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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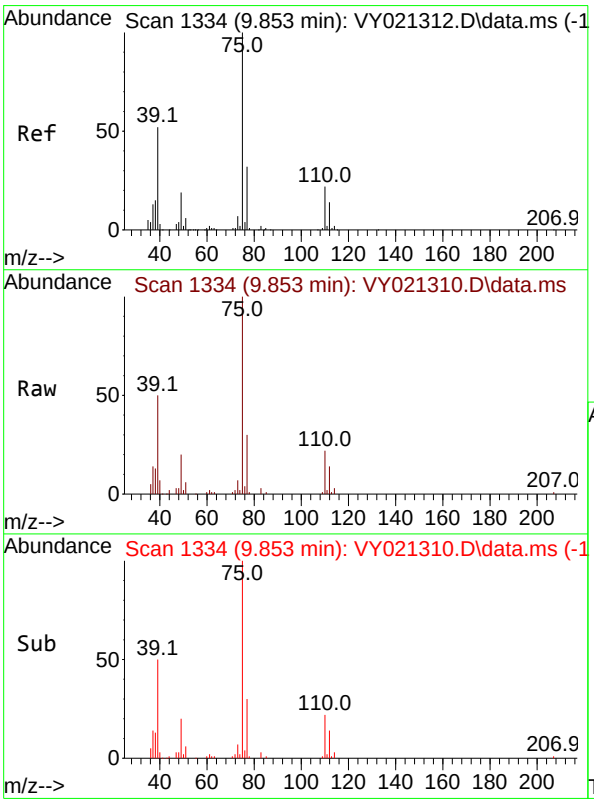
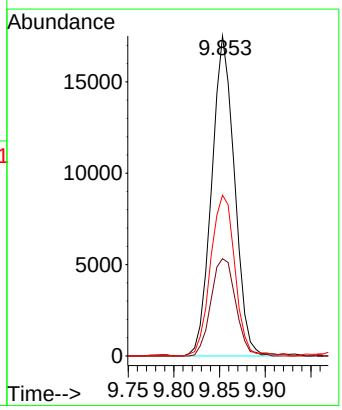
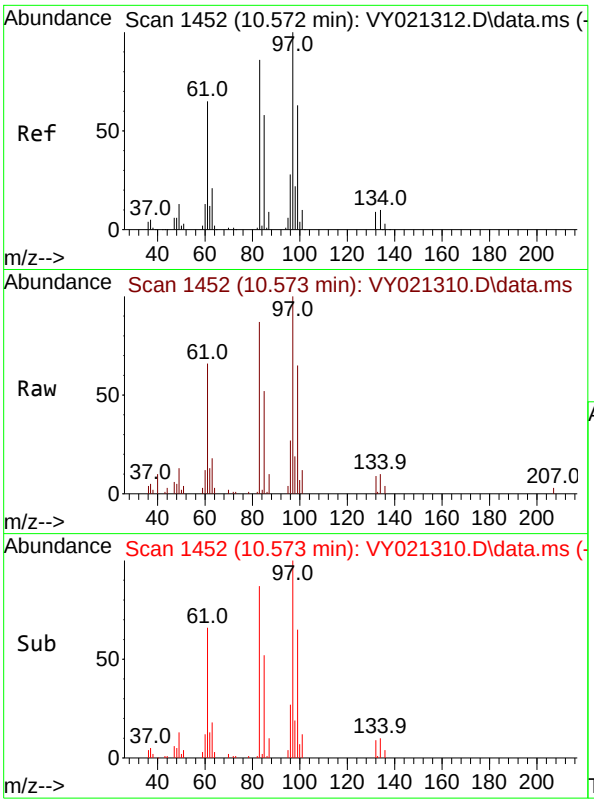


#54
cis-1,3-Dichloropropene
Concen: 9.528 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 75 Resp: 30428

Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.7	38.5
39	50.2	41.8	62.6

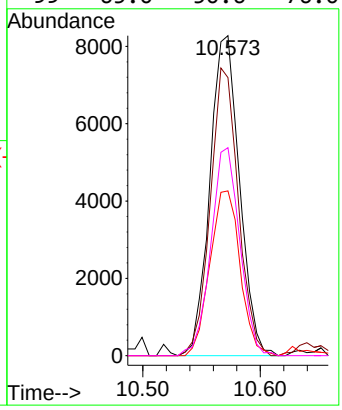




#55
1,1,2-Trichloroethane
Concen: 10.057 ug/l
RT: 10.573 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 97 Resp: 1450

Ion	Ratio	Lower	Upper
97	100		
83	86.9	68.7	103.1
85	51.5	46.3	69.5
99	65.0	50.6	76.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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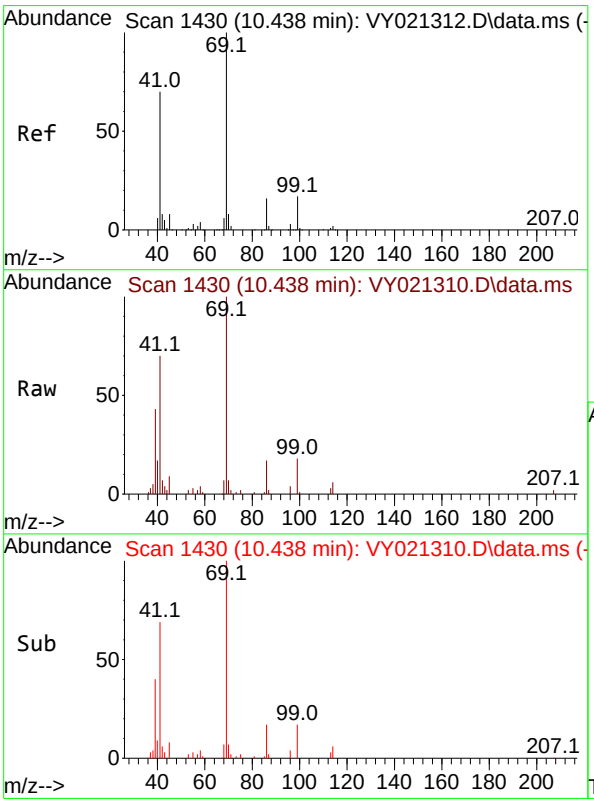
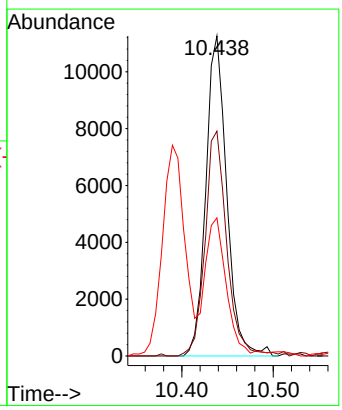
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

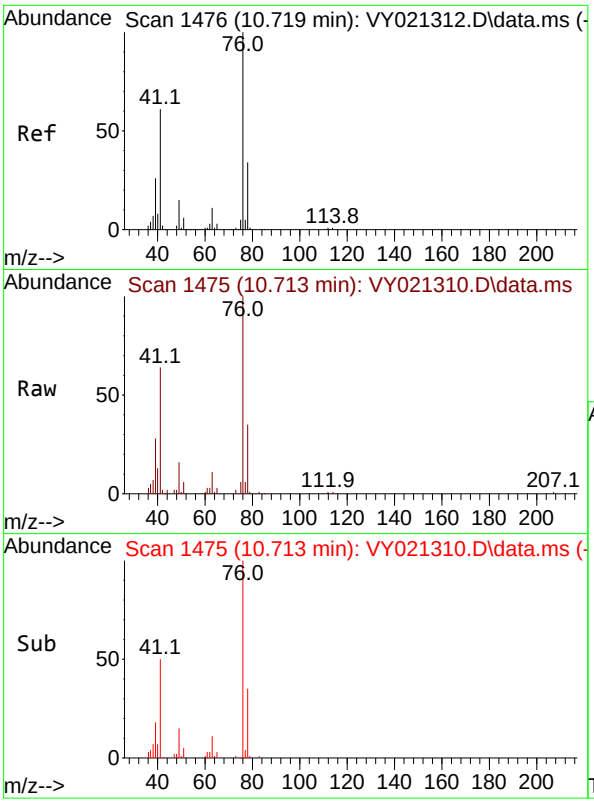


#56
Ethyl methacrylate
Concen: 8.938 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 69 Resp: 17817

Ion	Ratio	Lower	Upper
69	100		
41	73.6	56.2	84.4
39	43.1	32.7	49.1

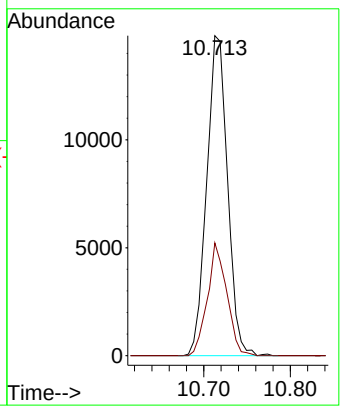




#57
1,3-Dichloropropane
Concen: 9.784 ug/l
RT: 10.713 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 76 Resp: 2476

Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.9	38.9



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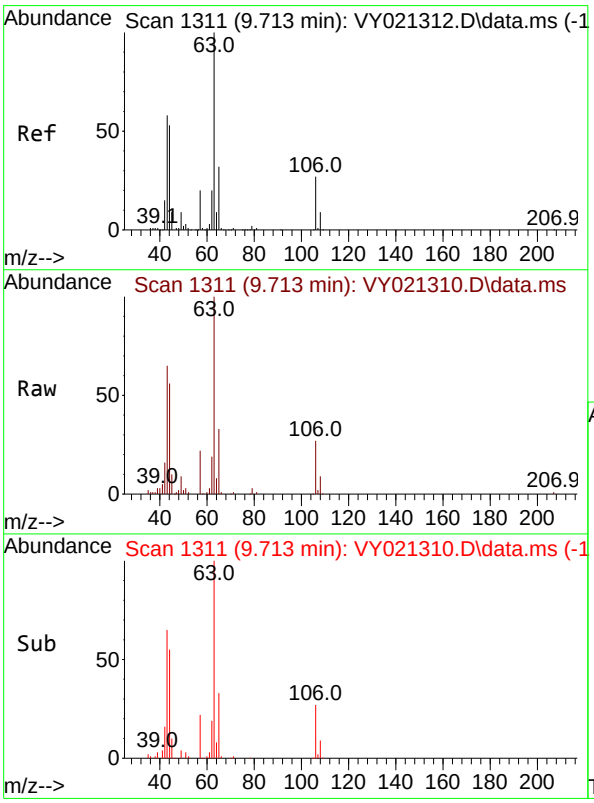
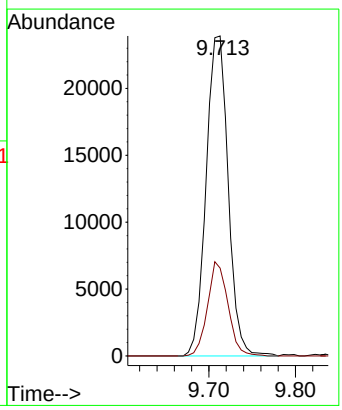
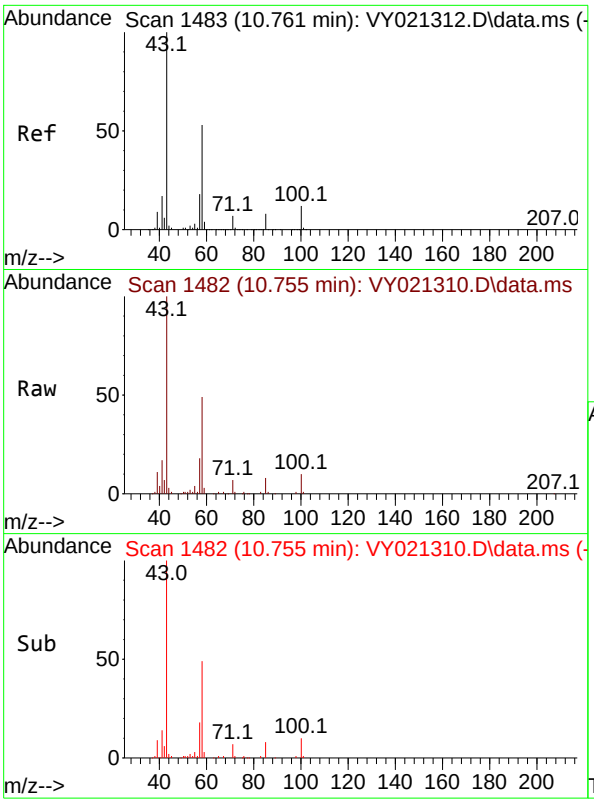


#58
2-Chloroethyl Vinyl ether
Concen: 44.215 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 63 Resp: 42304

Ion	Ratio	Lower	Upper
63	100		
106	27.2	21.7	32.5

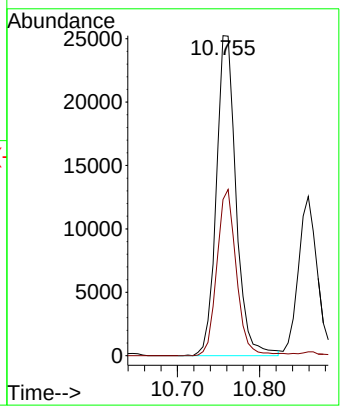




#59
2-Hexanone
Concen: 45.697 ug/l
RT: 10.755 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 43 Resp: 4212

Ion	Ratio	Lower	Upper
43	100		
58	51.3	25.9	77.6



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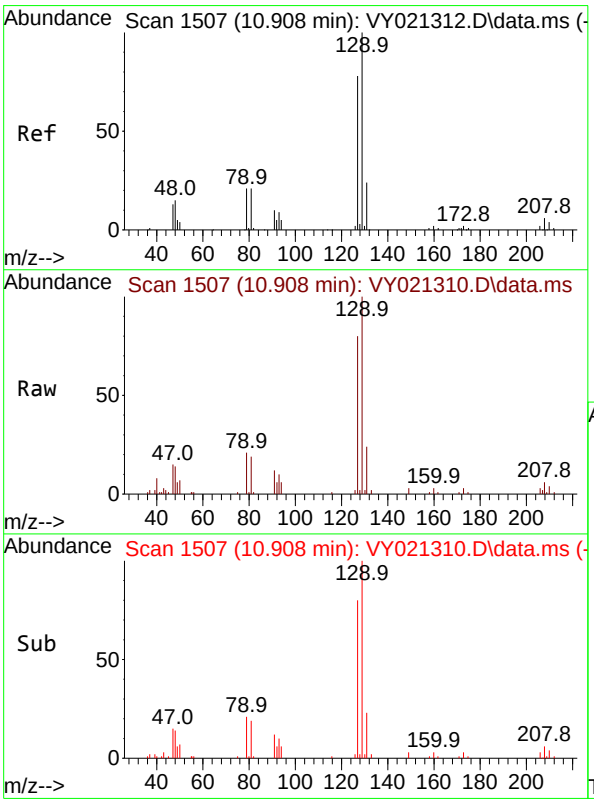
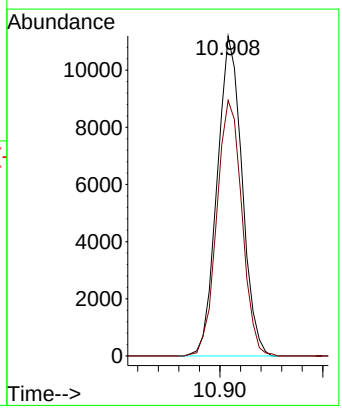
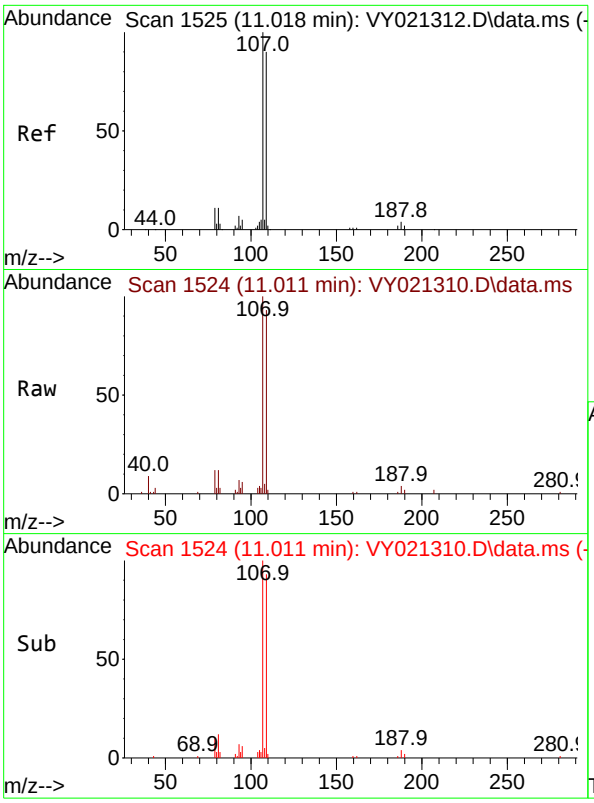


#60
Dibromochloromethane
Concen: 9.565 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:129 Resp: 18793

Ion	Ratio	Lower	Upper
129	100		
127	80.8	38.8	116.4

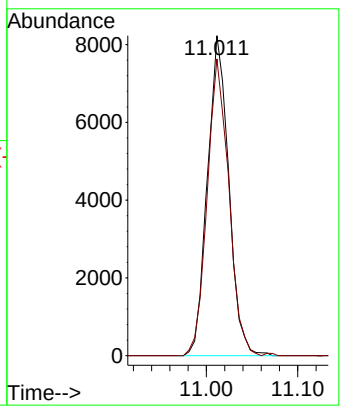




#61
1,2-Dibromoethane
Concen: 9.775 ug/l
RT: 11.011 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:107 Resp: 1335

Ion	Ratio	Lower	Upper
107	100		
109	93.8	73.8	110.8



Instrument :
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ClientSampleId :
VSTDICC010

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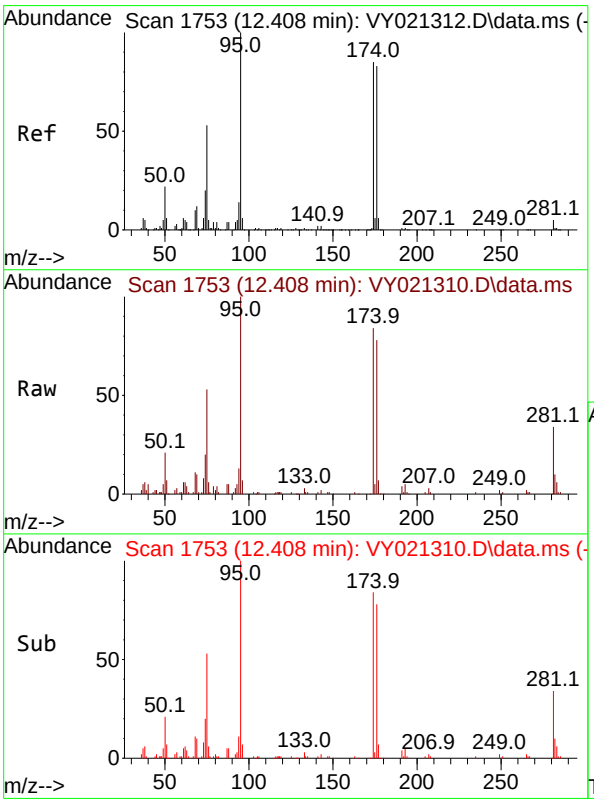
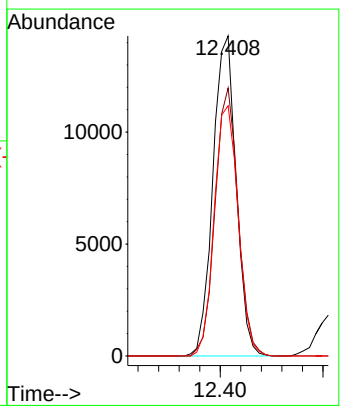
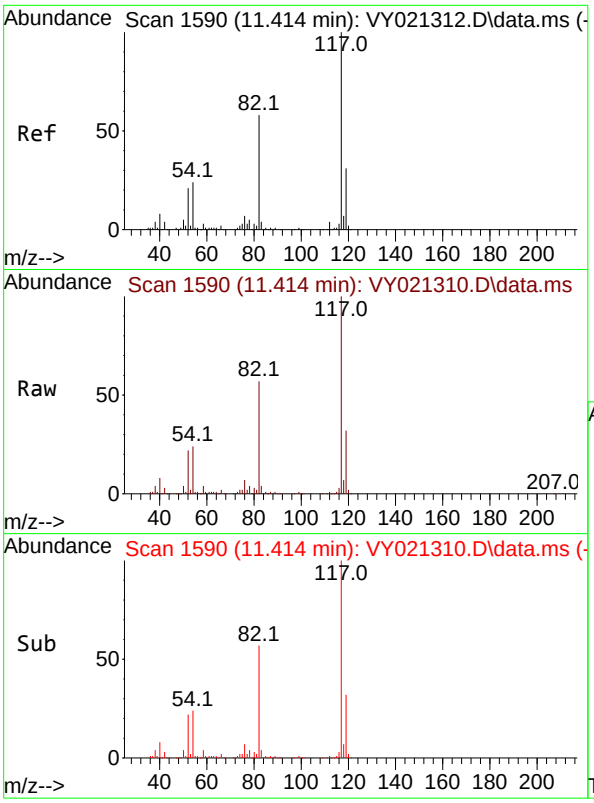


#62
4-Bromofluorobenzene
Concen: 9.069 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 95 Resp: 22364

Ion	Ratio	Lower	Upper
95	100		
174	83.0	0.0	168.0
176	80.9	0.0	162.6

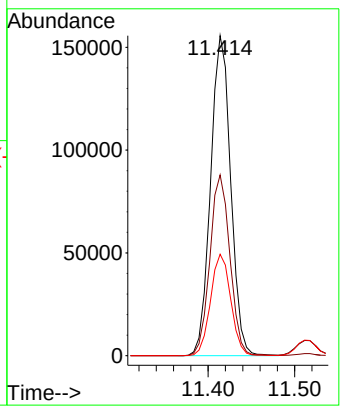




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:117 Resp: 25062

Ion	Ratio	Lower	Upper
117	100		
82	56.5	46.2	69.4
119	31.7	24.9	37.3



Instrument :
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ClientSampleId :
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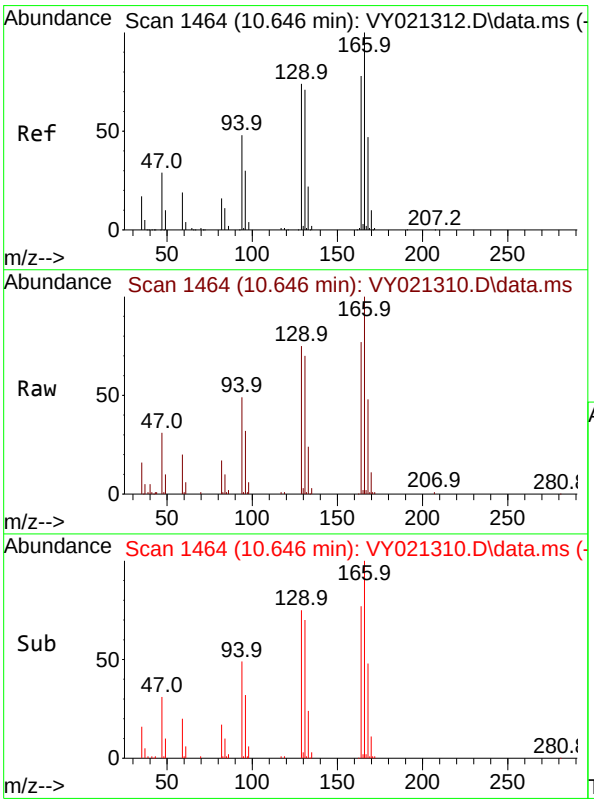
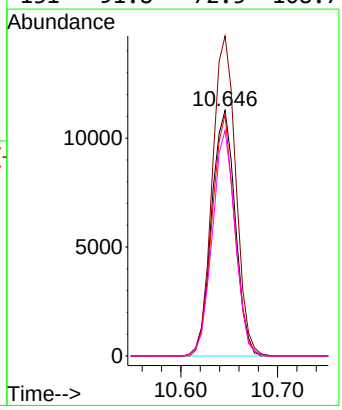
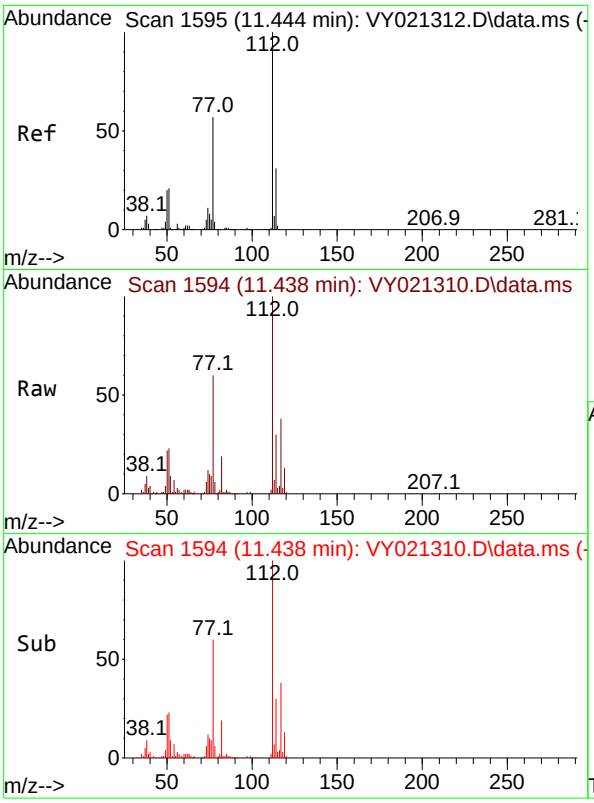


#64
Tetrachloroethene
Concen: 10.064 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:164 Resp: 19065

Ion	Ratio	Lower	Upper
164	100		
166	130.3	101.9	152.9
129	98.3	75.5	113.3
131	91.8	72.5	108.7

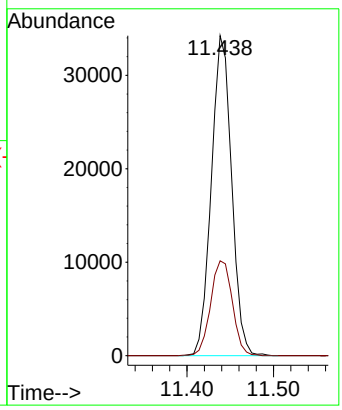




#65
Chlorobenzene
Concen: 9.899 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:112 Resp: 5568

Ion	Ratio	Lower	Upper
112	100		
114	29.6	25.0	37.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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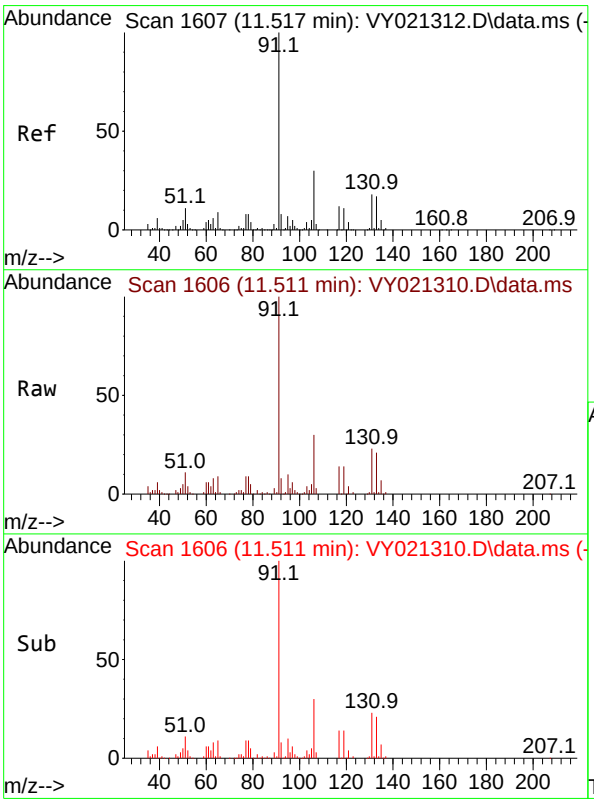
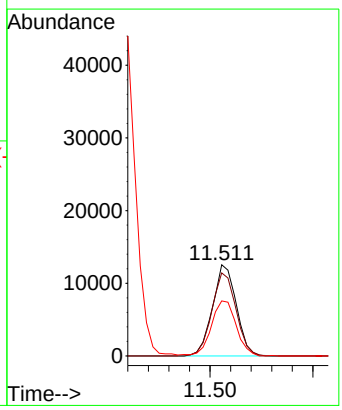
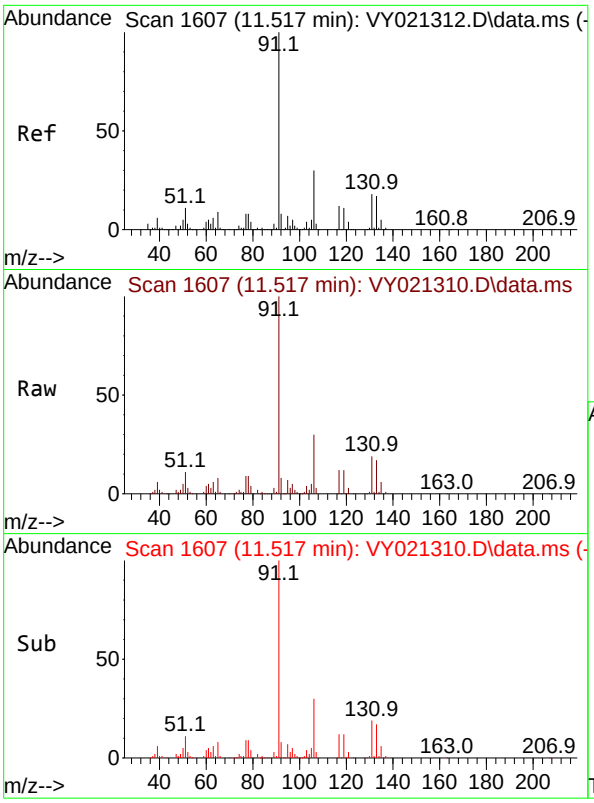


#66
1,1,1,2-Tetrachloroethane
Concen: 10.198 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:131 Resp: 20089

Ion	Ratio	Lower	Upper
131	100		
133	93.0	47.9	143.6
119	62.8	31.7	95.1

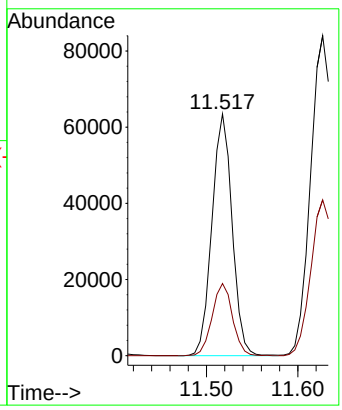




#67
Ethyl Benzene
Concen: 9.764 ug/l
RT: 11.517 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 91 Resp: 9729

Ion	Ratio	Lower	Upper
91	100		
106	29.8	24.4	36.6



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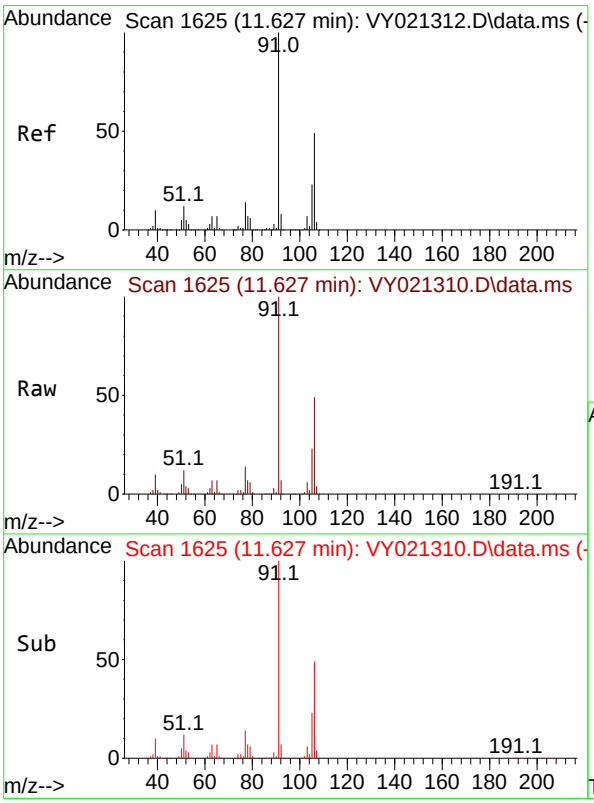
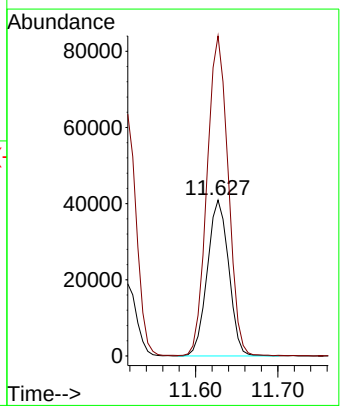
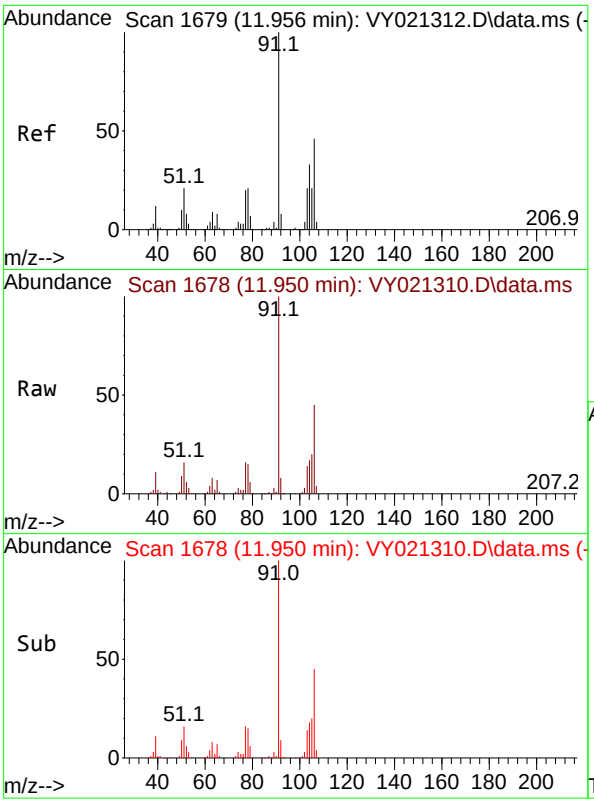


#68
m/p-Xylenes
Concen: 19.740 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:106 Resp: 73991

Ion	Ratio	Lower	Upper
106	100		
91	203.6	163.9	245.9





#69
o-Xylene
Concen: 9.632 ug/l
RT: 11.950 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:106 Resp: 3382

Ion	Ratio	Lower	Upper
106	100		
91	217.1	108.1	324.2

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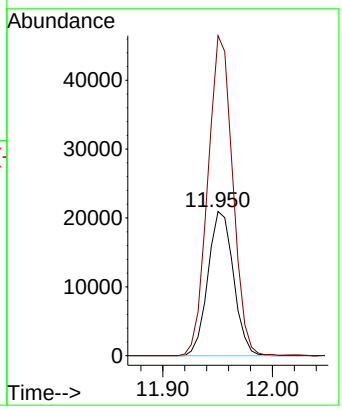
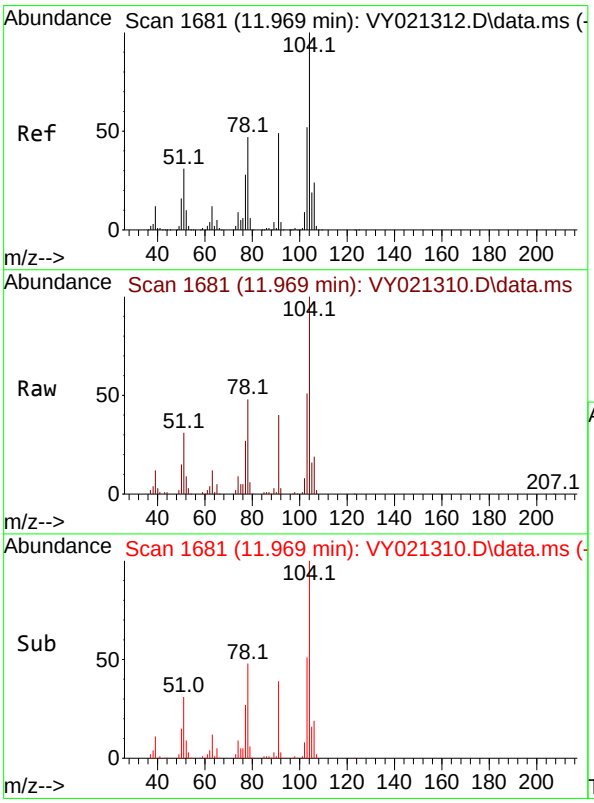
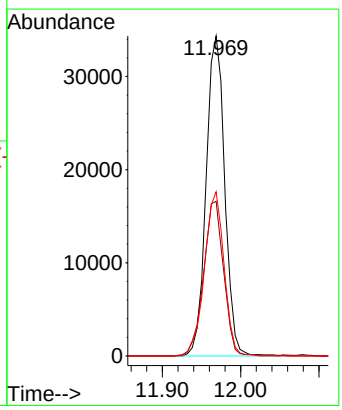


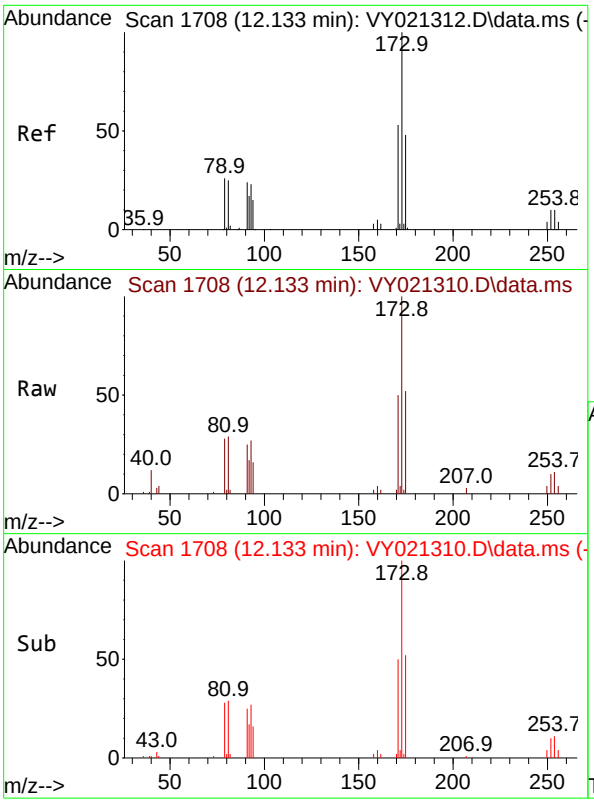


#70
Styrene
Concen: 9.679 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:104 Resp: 56550

Ion	Ratio	Lower	Upper
104	100		
78	52.2	41.3	61.9
103	54.2	43.9	65.9

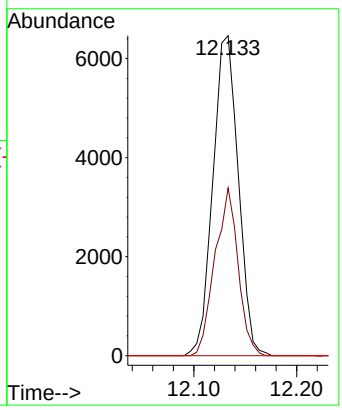




#71
Bromoform
Concen: 9.820 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:173 Resp: 1106

Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.1	72.3
254	0.0	0.1	0.1



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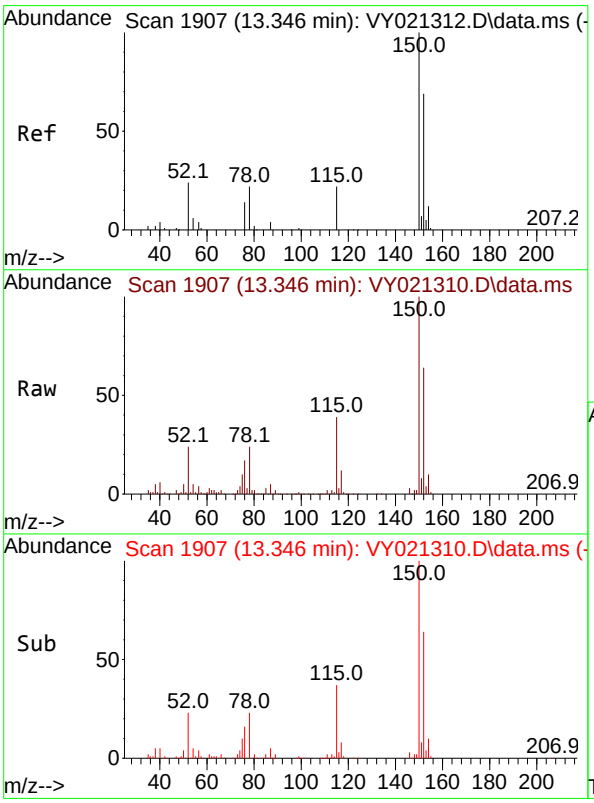
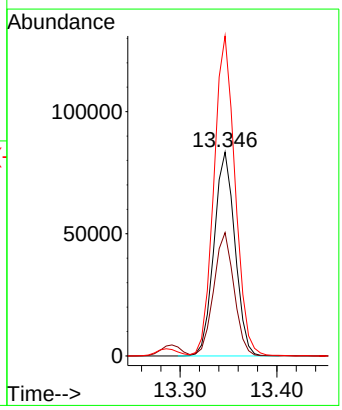
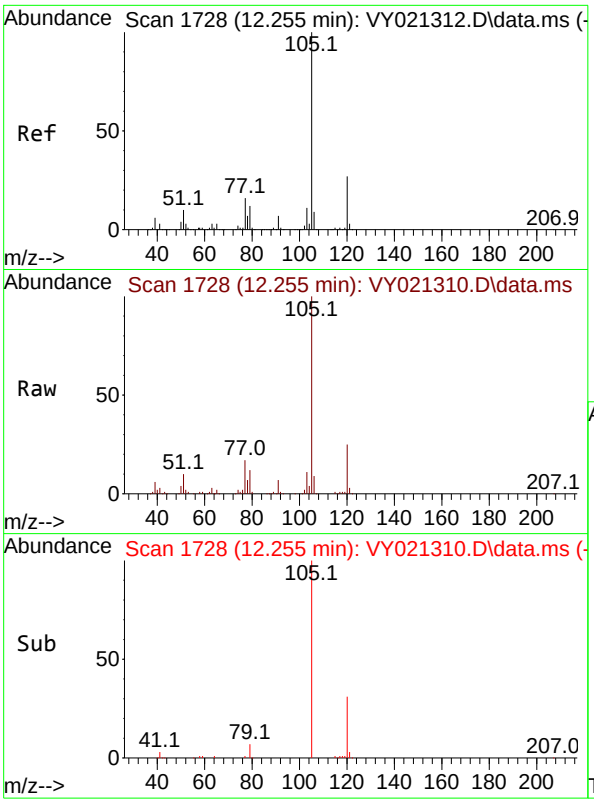


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:152 Resp: 125138

Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.3	88.0
150	159.4	0.0	347.4

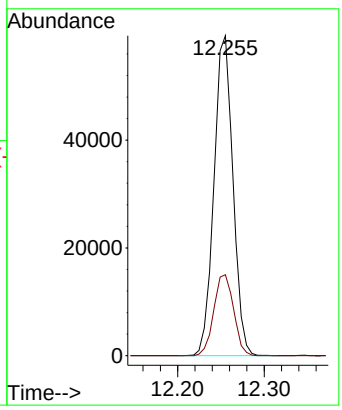




#73
Isopropylbenzene
Concen: 9.590 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:105 Resp: 9022

Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.3	39.8



Instrument :
MSVOA_Y
ClientSampleId :
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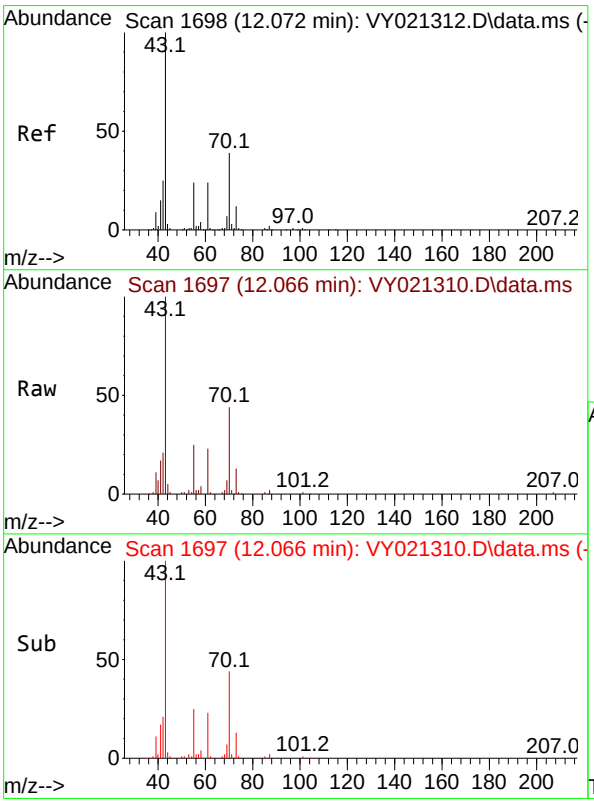
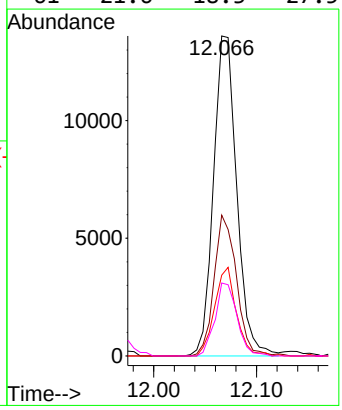
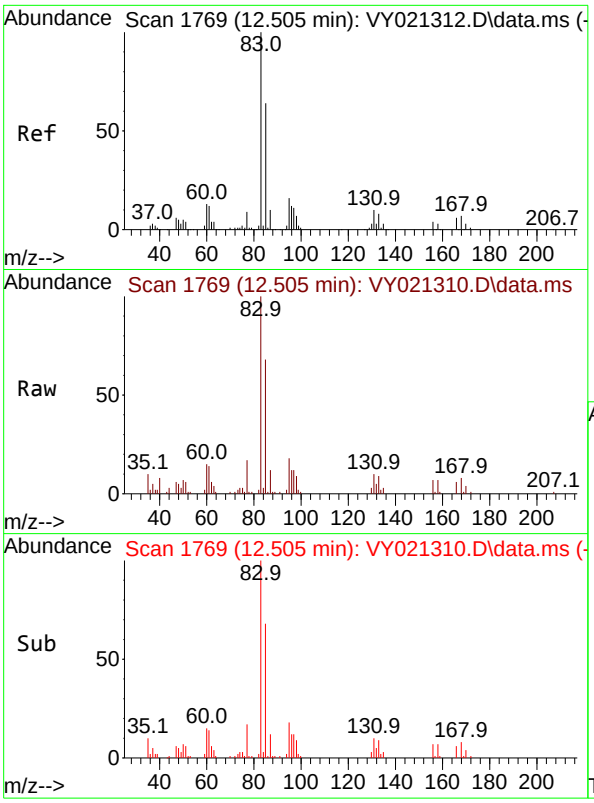


#74
N-amyl acetate
Concen: 8.937 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 43 Resp: 21370

Ion	Ratio	Lower	Upper
43	100		
70	42.4	32.2	48.2
55	25.9	19.6	29.4
61	21.6	18.3	27.5

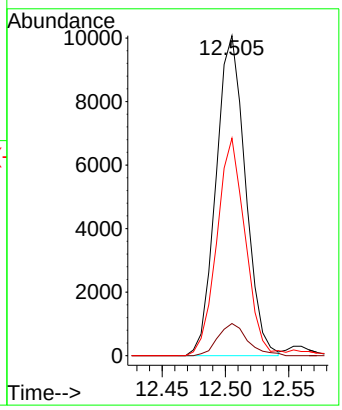




#75
1,1,2,2-Tetrachloroethane
Concen: 9.785 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 83 Resp: 1624

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.2	15.6
85	65.8	32.0	96.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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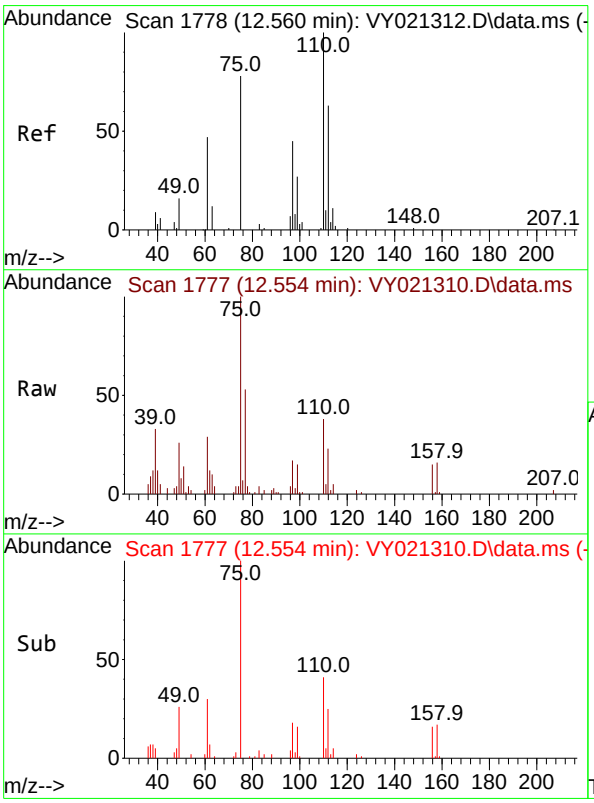
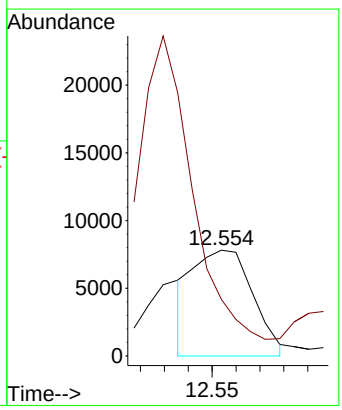
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

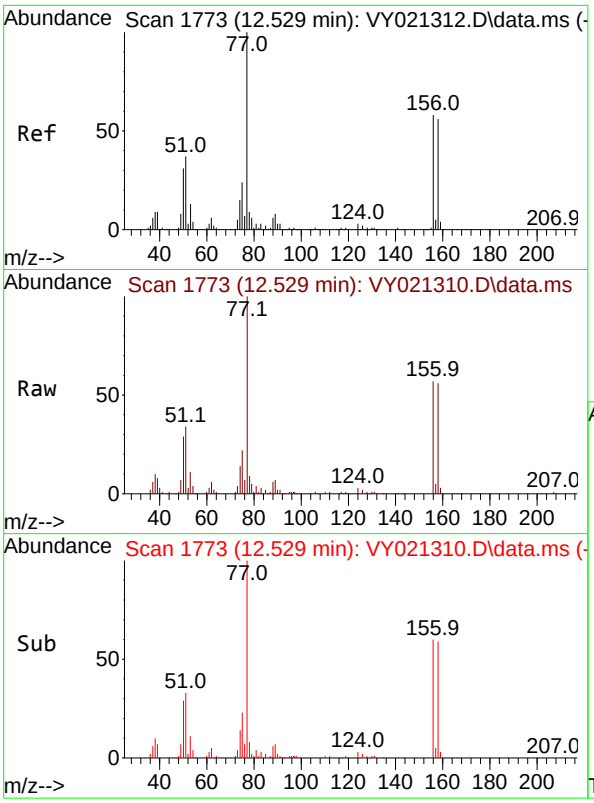


#76
1,2,3-Trichloropropane
Concen: 10.871 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 75 Resp: 13699

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

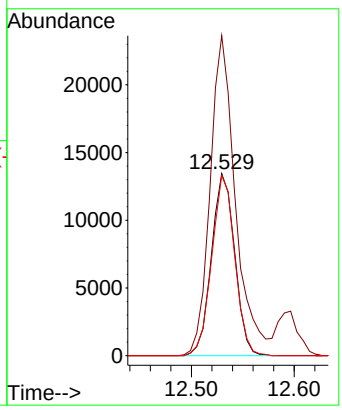




#77
Bromobenzene
Concen: 9.641 ug/l
RT: 12.529 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:156 Resp: 2109

Ion	Ratio	Lower	Upper
156	100		
77	190.2	94.0	282.1
158	98.2	48.7	146.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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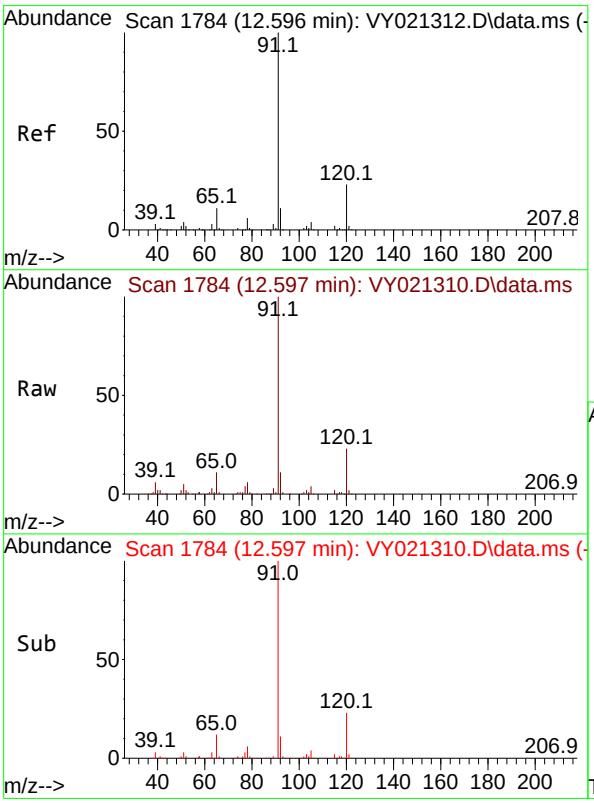
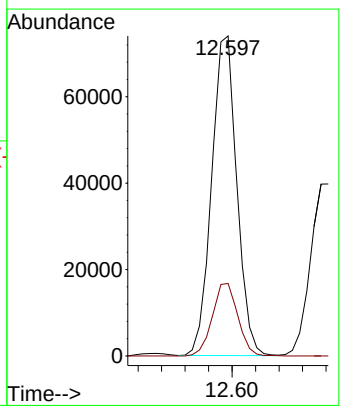
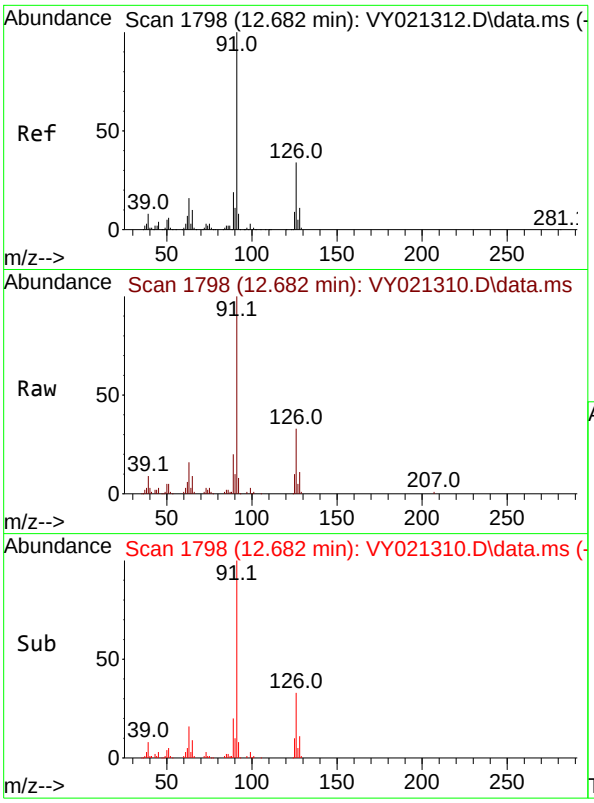


#78
n-propylbenzene
Concen: 9.652 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 91 Resp: 110190

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.2	33.5

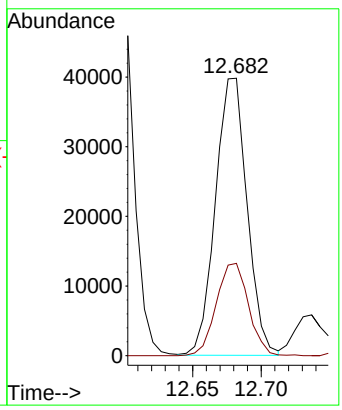




#79
2-Chlorotoluene
Concen: 9.771 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 91 Resp: 6401

Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.9	50.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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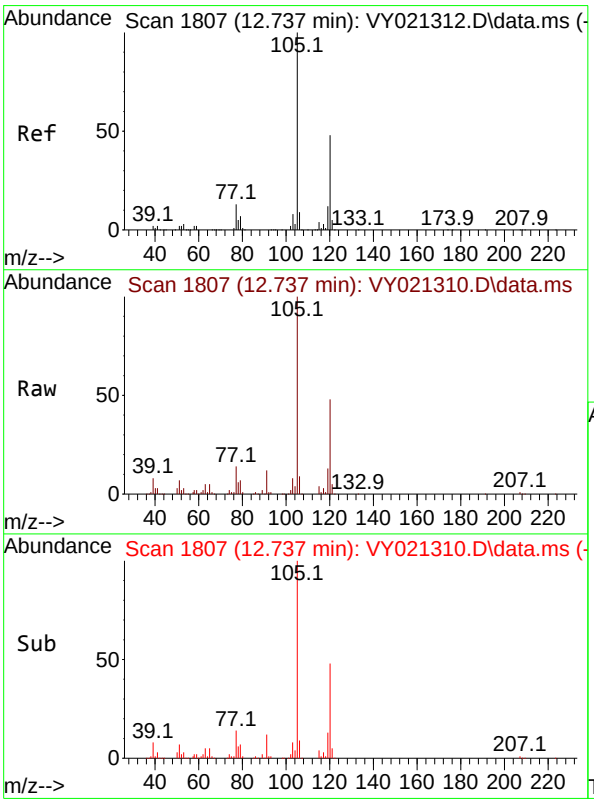
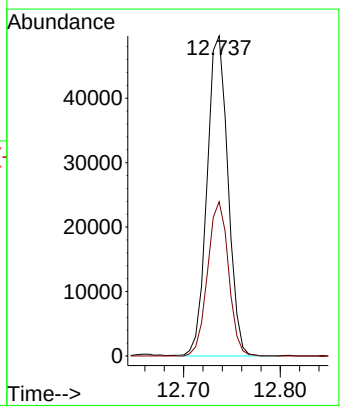
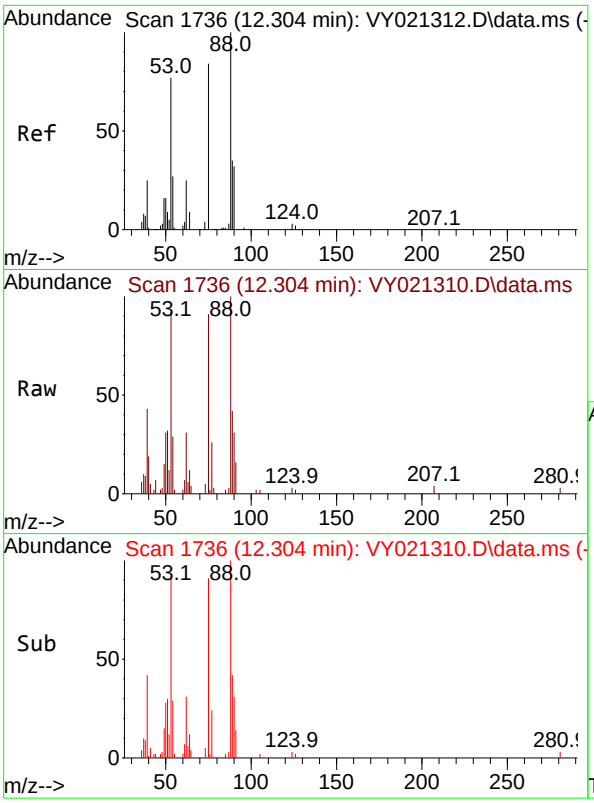


#80
1,3,5-Trimethylbenzene
Concen: 9.655 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:105 Resp: 74498

Ion	Ratio	Lower	Upper
105	100		
120	48.2	24.3	73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 9.295 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 75 Resp: 523

Ion	Ratio	Lower	Upper
75	100		
53	102.5	79.1	118.7
89	47.3	35.6	53.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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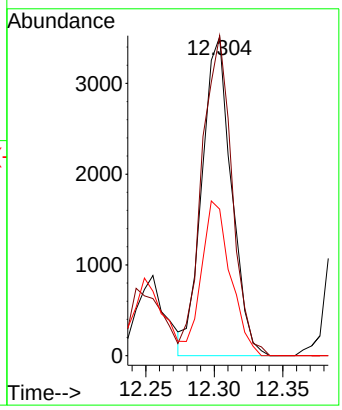
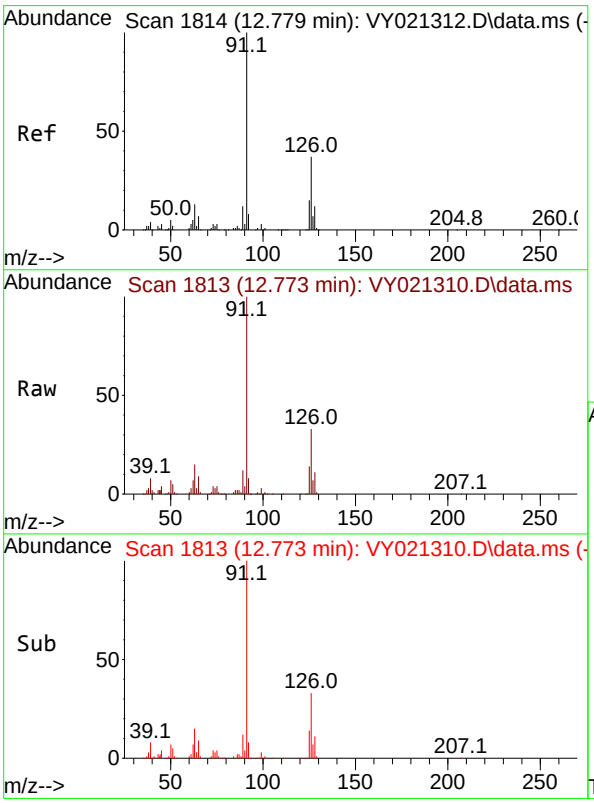
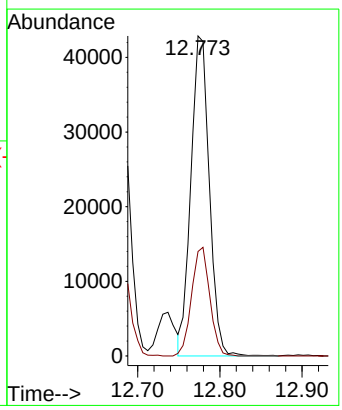


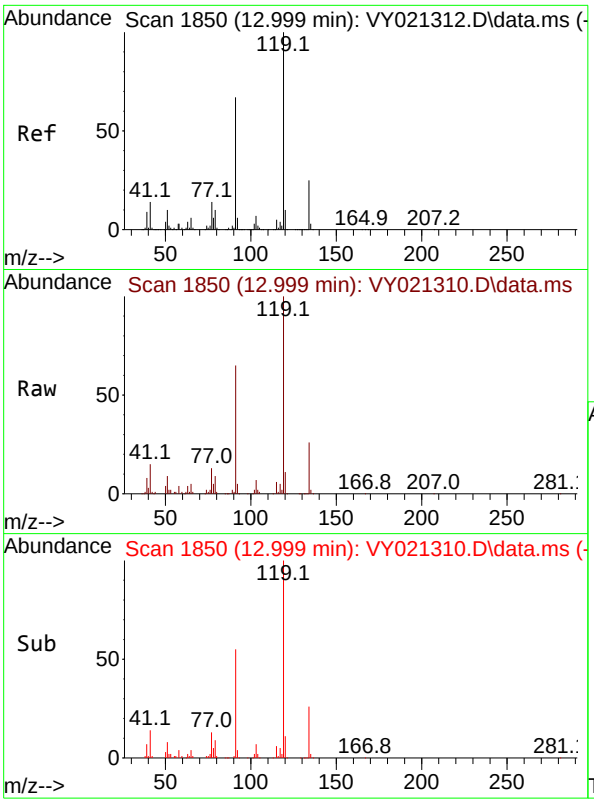


#82
4-Chlorotoluene
Concen: 9.821 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 91 Resp: 66701

Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.8	50.4

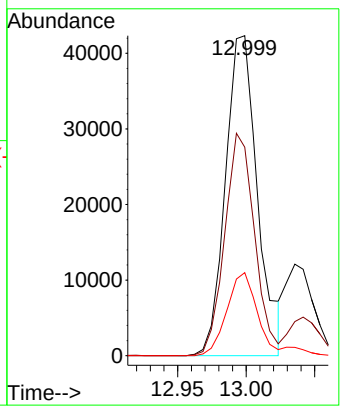




#83
tert-Butylbenzene
Concen: 9.886 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:119 Resp: 6890

Ion	Ratio	Lower	Upper
119	100		
91	64.8	32.7	98.1
134	26.3	13.3	39.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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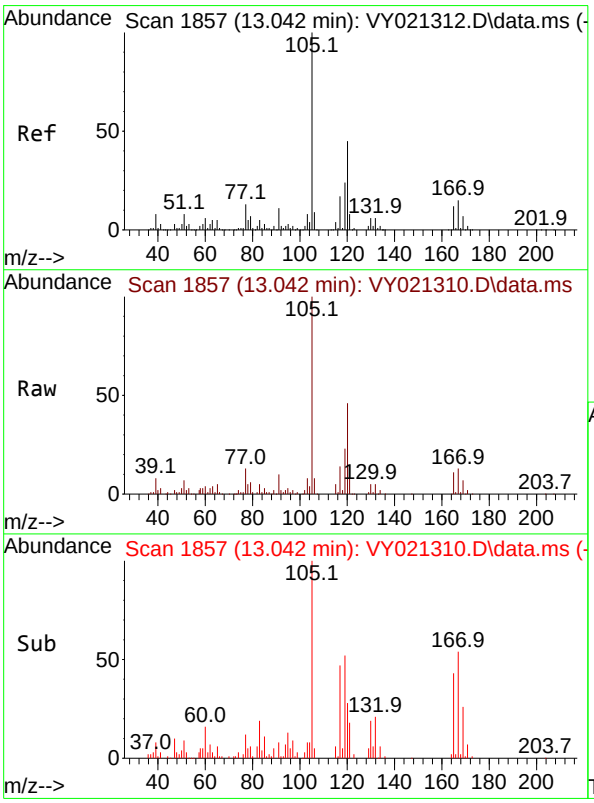
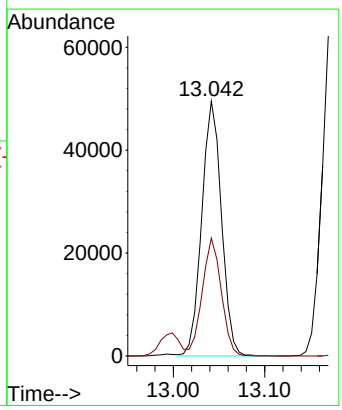
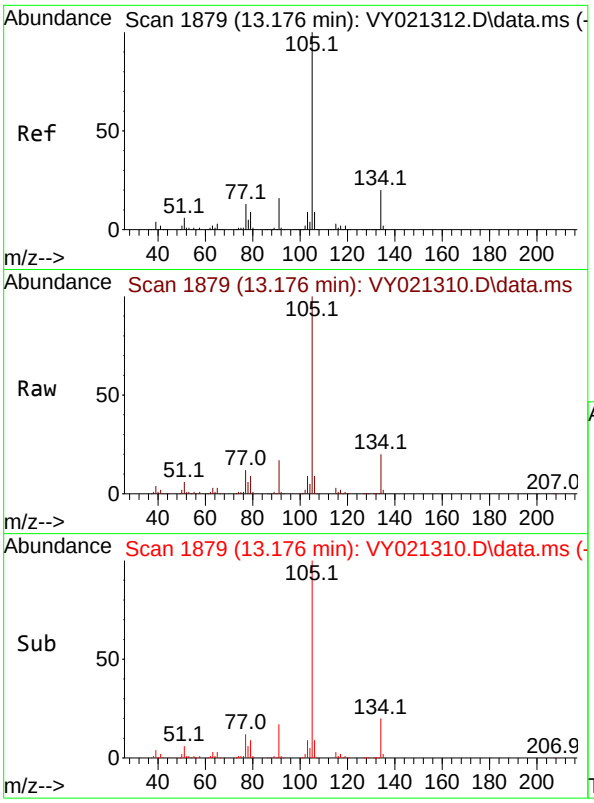


#84
1,2,4-Trimethylbenzene
Concen: 9.647 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:105 Resp: 74032

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.4	67.3

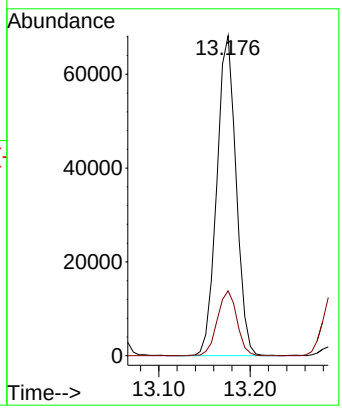




#85
sec-Butylbenzene
Concen: 9.841 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:105 Resp: 10018

Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.0	30.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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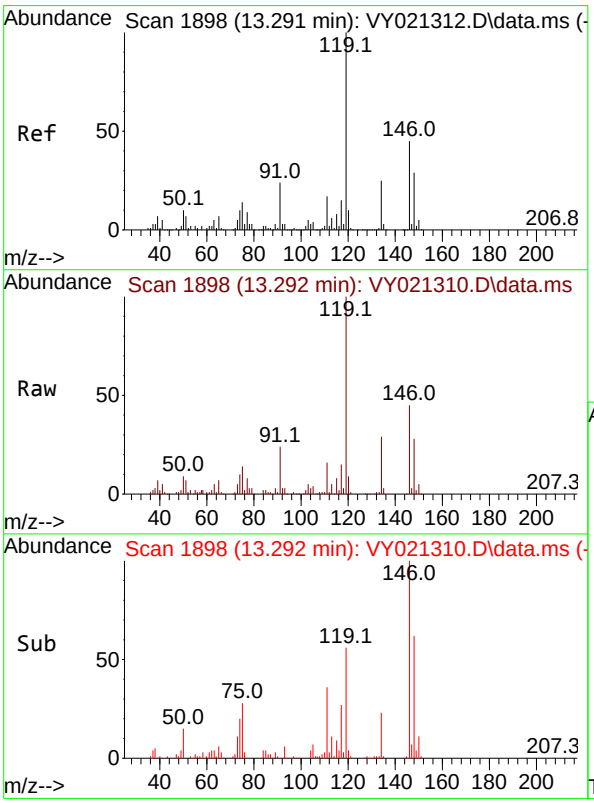
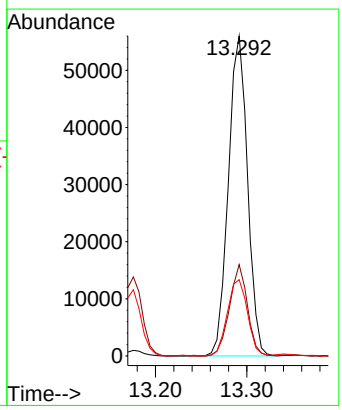
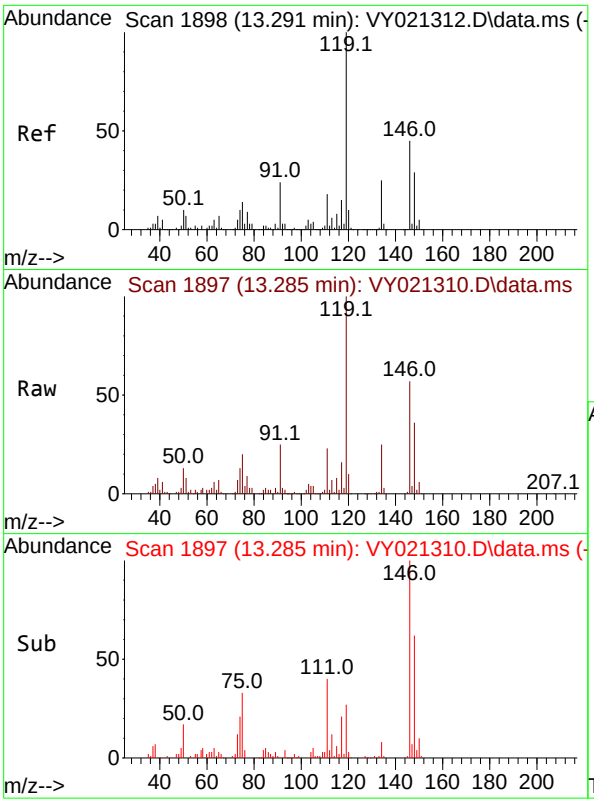


#86
p-Isopropyltoluene
Concen: 9.619 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:119 Resp: 81769

Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.0	38.9
91	25.1	12.0	36.1

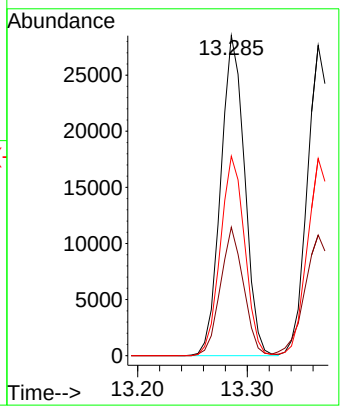




#87
1,3-Dichlorobenzene
Concen: 9.996 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:146 Resp: 4326

Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.0	59.9
148	63.2	31.9	95.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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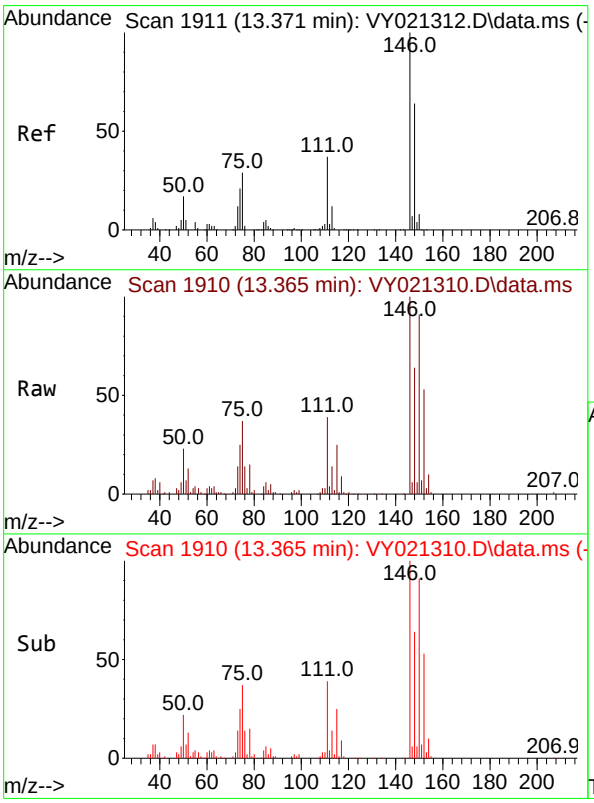
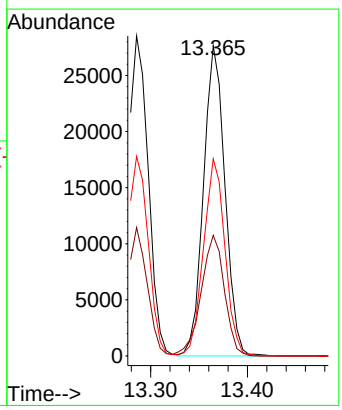
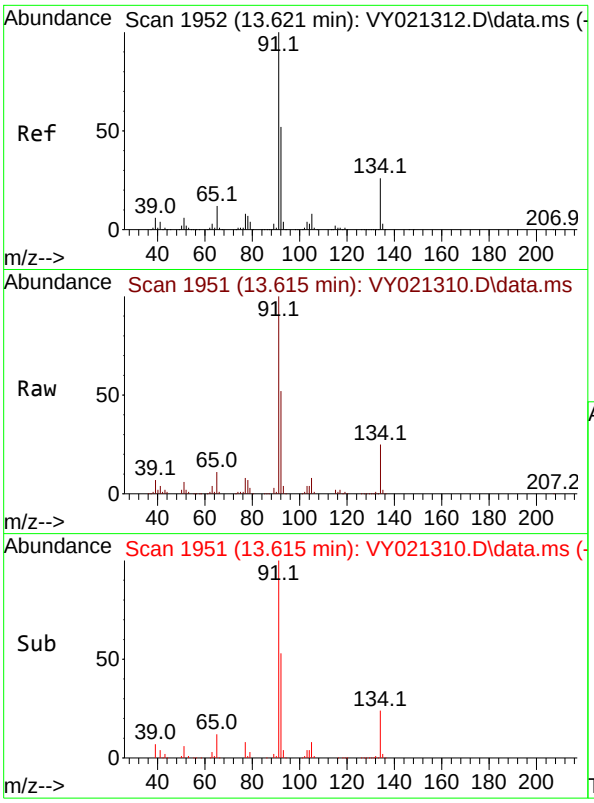


#88
1,4-Dichlorobenzene
Concen: 10.006 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:146 Resp: 42788

Ion	Ratio	Lower	Upper
146	100		
111	42.1	19.5	58.5
148	63.5	32.0	96.2

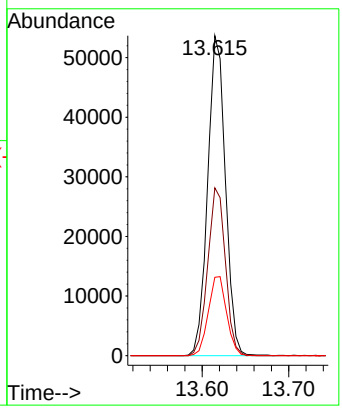




#89
n-Butylbenzene
Concen: 9.541 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 91 Resp: 7632

Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.4	79.2
134	25.5	12.7	38.0



Instrument :
MSVOA_Y
ClientSampleId :
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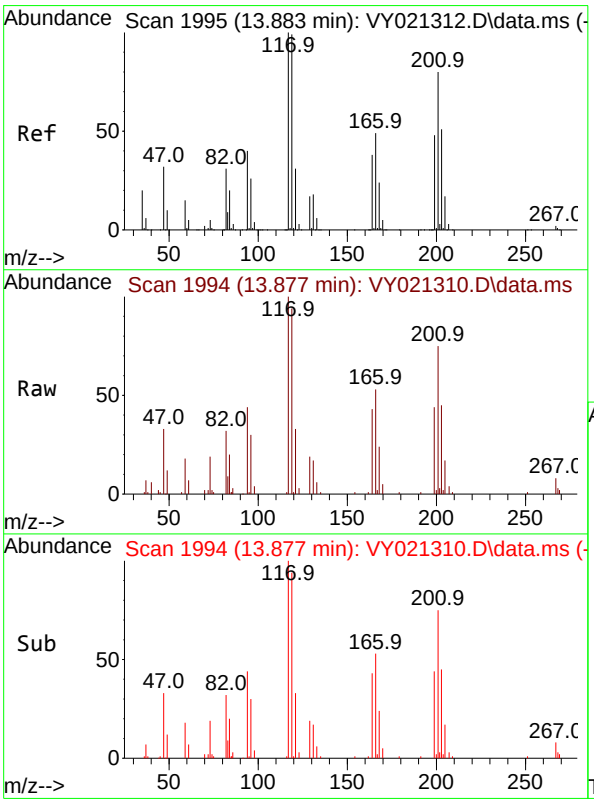
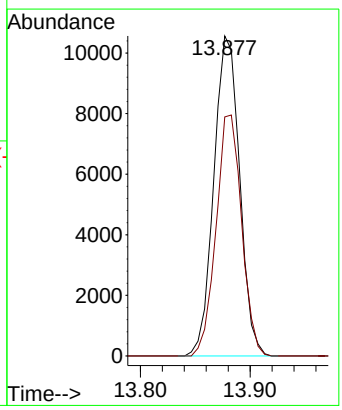
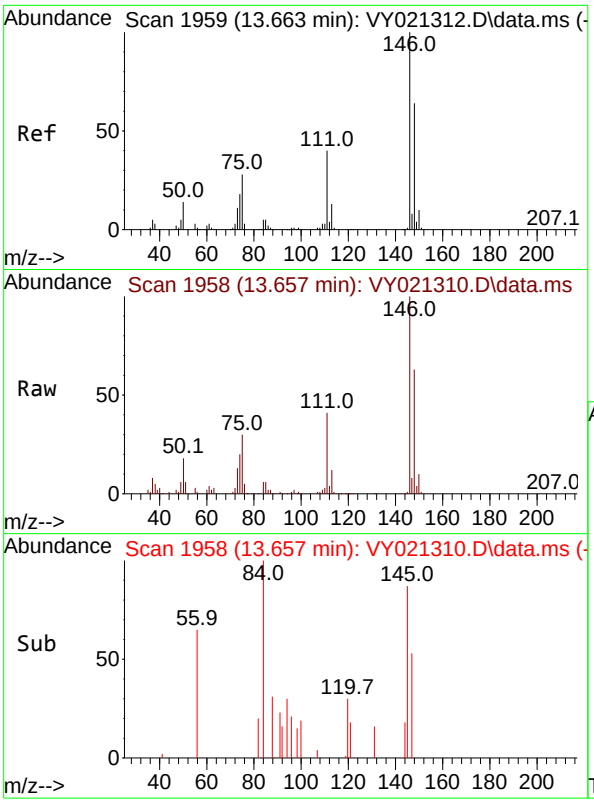


#90
Hexachloroethane
Concen: 9.721 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:117 Resp: 17261

Ion	Ratio	Lower	Upper
117	100		
201	74.6	38.4	115.2

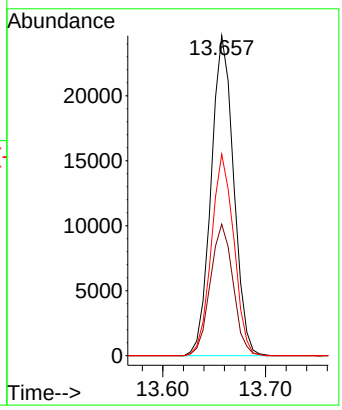




#91
1,2-Dichlorobenzene
Concen: 9.894 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:146 Resp: 3752

Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.7	62.1
148	62.8	31.7	95.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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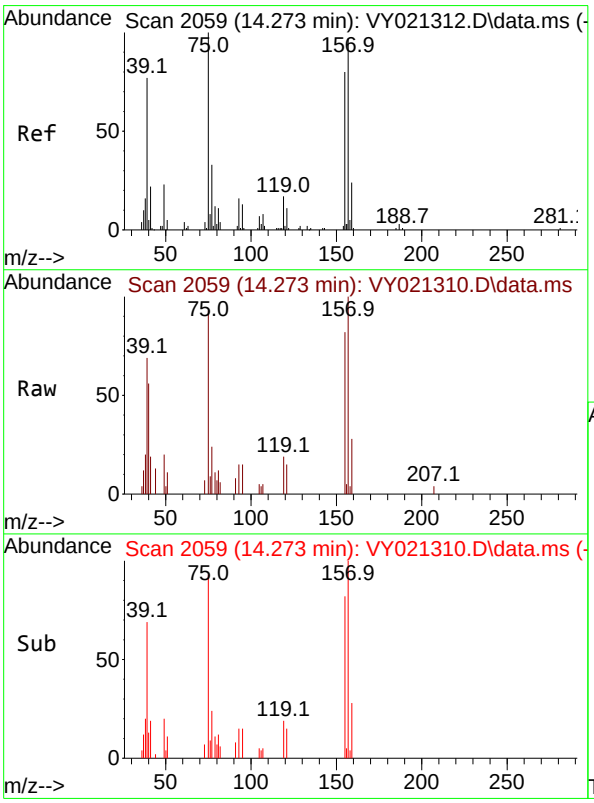
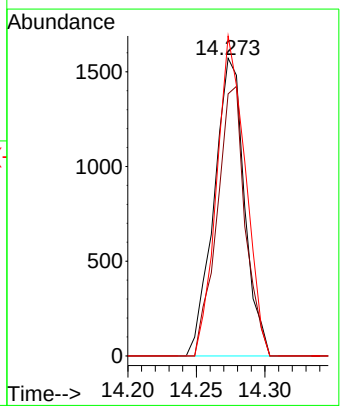
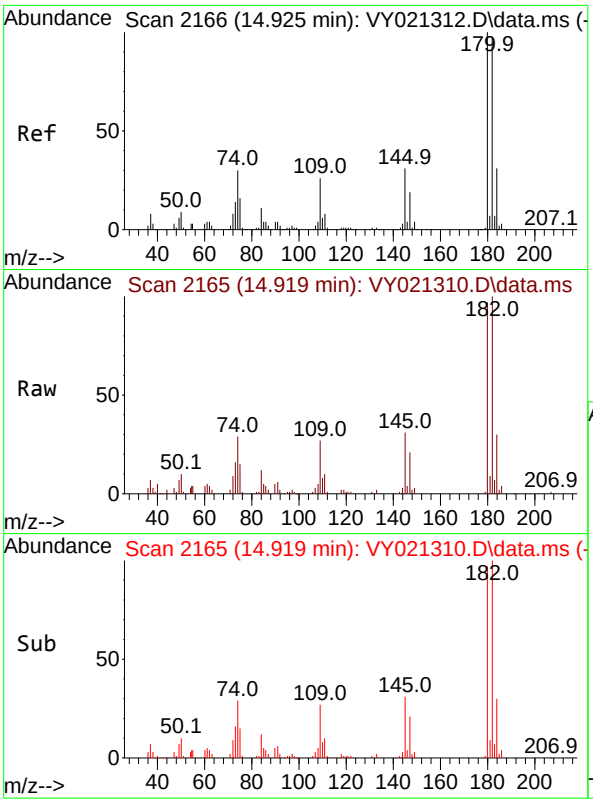


#92
1,2-Dibromo-3-Chloropropane
Concen: 9.229 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 75 Resp: 2424

Ion	Ratio	Lower	Upper
75	100		
155	84.3	41.9	125.6
157	101.6	52.5	157.6

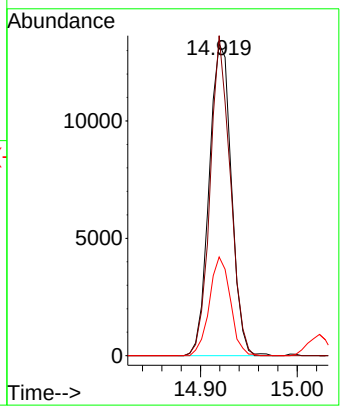




#93
1,2,4-Trichlorobenzene
Concen: 9.174 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:180 Resp: 2123

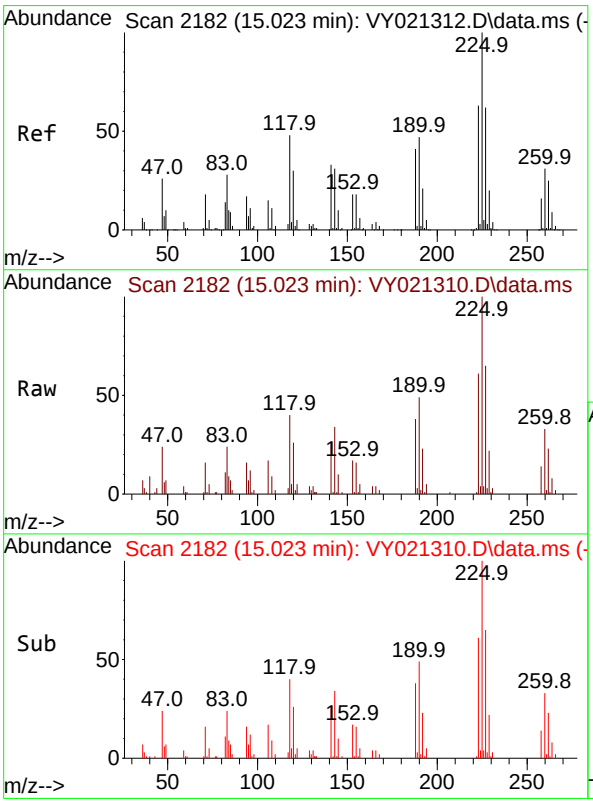
Ion	Ratio	Lower	Upper
180	100		
182	92.7	47.9	143.7
145	29.9	15.6	46.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

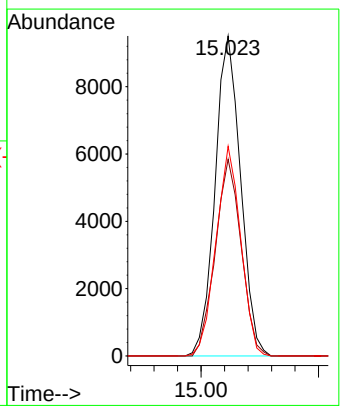
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

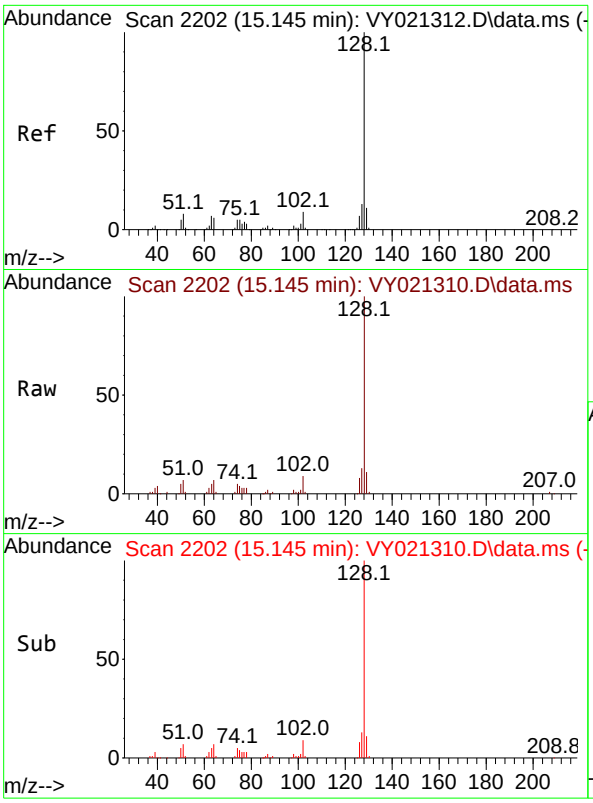


#94
Hexachlorobutadiene
Concen: 9.845 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:225 Resp: 14346

Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.8	95.4
227	63.4	31.9	95.7

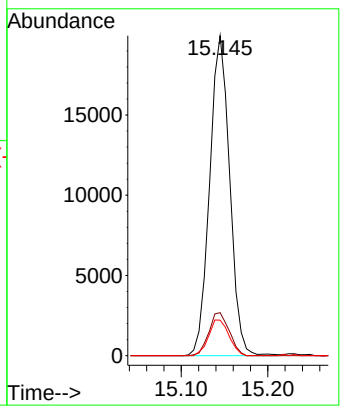




#95
Naphthalene
Concen: 8.371 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:128 Resp: 3209

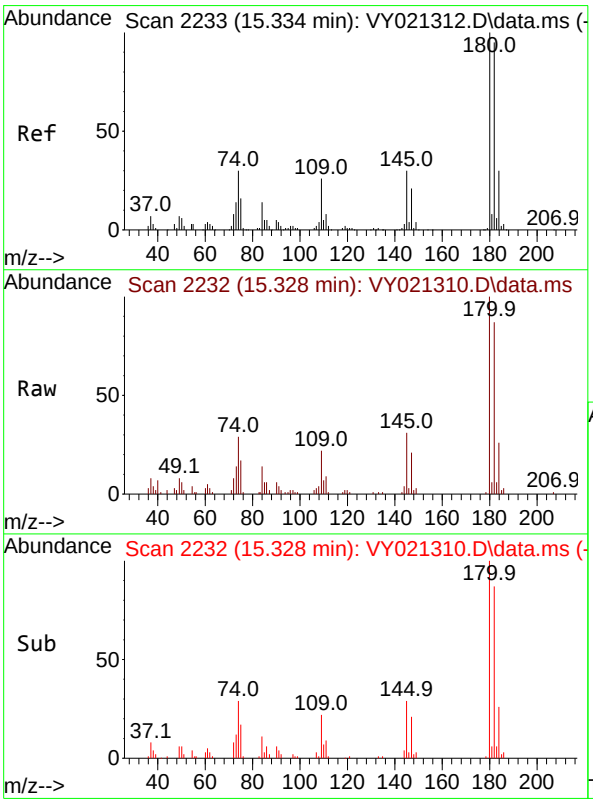
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.5	15.7
129	11.4	8.5	12.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

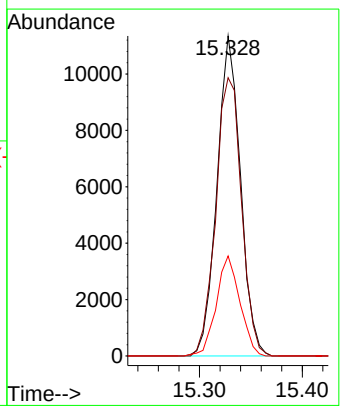
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 9.195 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:180 Resp: 17983

Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.3	144.9
145	31.4	16.1	48.3



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021311.D
Acq On : 25 Feb 2025 13:26
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

Quant Time: Feb 26 01:44:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	188363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	293434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	258896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	130546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	41320	19.337	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	38.680%#		
35) Dibromofluoromethane	7.634	113	37265	19.371	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	38.740%#		
50) Toluene-d8	10.103	98	144409	19.423	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	38.840%#		
62) 4-Bromofluorobenzene	12.408	95	47417	18.950	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	37.900%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	32511	18.204	ug/l	96
3) Chloromethane	2.068	50	42633	18.484	ug/l	97
4) Vinyl Chloride	2.202	62	41719	18.429	ug/l	100
5) Bromomethane	2.586	94	27198	18.079	ug/l	98
6) Chloroethane	2.726	64	26161	18.635	ug/l	99
7) Trichlorofluoromethane	3.056	101	63170	18.477	ug/l	95
8) Diethyl Ether	3.452	74	19564	19.066	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	37017	18.701	ug/l	99
10) Methyl Iodide	4.001	142	36945	17.741	ug/l	99
11) Tert butyl alcohol	4.860	59	15935	96.952	ug/l	96
12) 1,1-Dichloroethene	3.787	96	34827	18.376	ug/l	98
13) Acrolein	3.647	56	22079	175.300	ug/l	100
14) Allyl chloride	4.379	41	61887	18.417	ug/l	98
15) Acrylonitrile	5.061	53	43763	96.460	ug/l	99
16) Acetone	3.866	43	35506	86.623	ug/l	96
17) Carbon Disulfide	4.104	76	116030	18.437	ug/l	99
18) Methyl Acetate	4.379	43	19534	19.500	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	95488	19.069	ug/l	97
20) Methylene Chloride	4.616	84	40630	18.331	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	38218	18.317	ug/l	98
22) Diisopropyl ether	6.019	45	132039	18.989	ug/l	97
23) Vinyl Acetate	5.958	43	393629	94.730	ug/l	99
24) 1,1-Dichloroethane	5.909	63	72428	18.480	ug/l	99
25) 2-Butanone	6.890	43	58941	95.278	ug/l	98
26) 2,2-Dichloropropane	6.884	77	63686	17.908	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	44297	18.592	ug/l	98
28) Bromochloromethane	7.244	49	32987	19.022	ug/l	99
29) Tetrahydrofuran	7.256	42	39775	98.365	ug/l	98
30) Chloroform	7.421	83	73639	18.543	ug/l	96
31) Cyclohexane	7.701	56	68531	18.191	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	67011	18.538	ug/l	98
36) 1,1-Dichloropropene	7.835	75	53995	18.685	ug/l	100
37) Ethyl Acetate	6.982	43	27188	18.914	ug/l	98
38) Carbon Tetrachloride	7.817	117	59733	18.387	ug/l	98
39) Methylcyclohexane	9.103	83	68516	18.746	ug/l	98
40) Benzene	8.079	78	159536	18.676	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021311.D
Acq On : 25 Feb 2025 13:26
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 26 01:44:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	14108	17.554	ug/l		92
42) 1,2-Dichloroethane	8.152	62	46152	19.043	ug/l		99
43) Isopropyl Acetate	8.195	43	54484	19.583	ug/l		98
44) Trichloroethene	8.866	130	40005	18.706	ug/l		93
45) 1,2-Dichloropropane	9.140	63	38611	18.782	ug/l		100
46) Dibromomethane	9.231	93	21421	19.063	ug/l		99
47) Bromodichloromethane	9.420	83	56033	18.701	ug/l		98
48) Methyl methacrylate	9.219	41	24461	18.801	ug/l		97
49) 1,4-Dioxane	9.225	88	5308	424.825	ug/l		90
51) 4-Methyl-2-Pentanone	10.000	43	140187	98.430	ug/l		100
52) Toluene	10.170	92	100050	18.854	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	50957	18.563	ug/l		100
54) cis-1,3-Dichloropropene	9.853	75	61967	19.122	ug/l		99
55) 1,1,2-Trichloroethane	10.567	97	27942	19.088	ug/l		99
56) Ethyl methacrylate	10.438	69	36997	18.291	ug/l		95
57) 1,3-Dichloropropane	10.713	76	49499	19.270	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.707	63	93377	96.179	ug/l		100
59) 2-Hexanone	10.762	43	90882	97.163	ug/l		100
60) Dibromochloromethane	10.908	129	37808	18.964	ug/l		99
61) 1,2-Dibromoethane	11.012	107	26519	19.135	ug/l		99
64) Tetrachloroethene	10.646	164	36387	18.595	ug/l		97
65) Chlorobenzene	11.438	112	107621	18.519	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.511	131	37487	18.422	ug/l		99
67) Ethyl Benzene	11.518	91	189052	18.366	ug/l		99
68) m/p-Xylenes	11.627	106	144073	37.210	ug/l		99
69) o-Xylene	11.950	106	67060	18.488	ug/l		100
70) Styrene	11.969	104	113033	18.729	ug/l		99
71) Bromoform	12.133	173	21886	18.800	ug/l	#	99
73) Isopropylbenzene	12.255	105	179489	18.288	ug/l		99
74) N-amyl acetate	12.072	43	47224	18.930	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	32419	18.717	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	23402m	17.801	ug/l		
77) Bromobenzene	12.530	156	42078	18.433	ug/l		99
78) n-propylbenzene	12.597	91	220158	18.486	ug/l		100
79) 2-Chlorotoluene	12.676	91	125969	18.430	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	150004	18.635	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	10866	18.483	ug/l		99
82) 4-Chlorotoluene	12.780	91	130335	18.396	ug/l		100
83) tert-Butylbenzene	12.999	119	135829	18.681	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	149358	18.657	ug/l		99
85) sec-Butylbenzene	13.176	105	196335	18.486	ug/l		100
86) p-Isopropyltoluene	13.292	119	165127	18.620	ug/l		99
87) 1,3-Dichlorobenzene	13.286	146	83463	18.483	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	83179	18.646	ug/l		99
89) n-Butylbenzene	13.615	91	153032	18.337	ug/l		100
90) Hexachloroethane	13.877	117	33341	17.998	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	73513	18.581	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5181	18.908	ug/l		97
93) 1,2,4-Trichlorobenzene	14.919	180	42908	17.770	ug/l		99
94) Hexachlorobutadiene	15.023	225	27015	17.771	ug/l		99
95) Naphthalene	15.145	128	71044	17.763	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	36460	17.871	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021311.D
Acq On : 25 Feb 2025 13:26
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

Quant Time: Feb 26 01:44:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021311.D
Acq On : 25 Feb 2025 13:26
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 26 01:44:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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Reviewed By :Romaben Patel 02/26/2025
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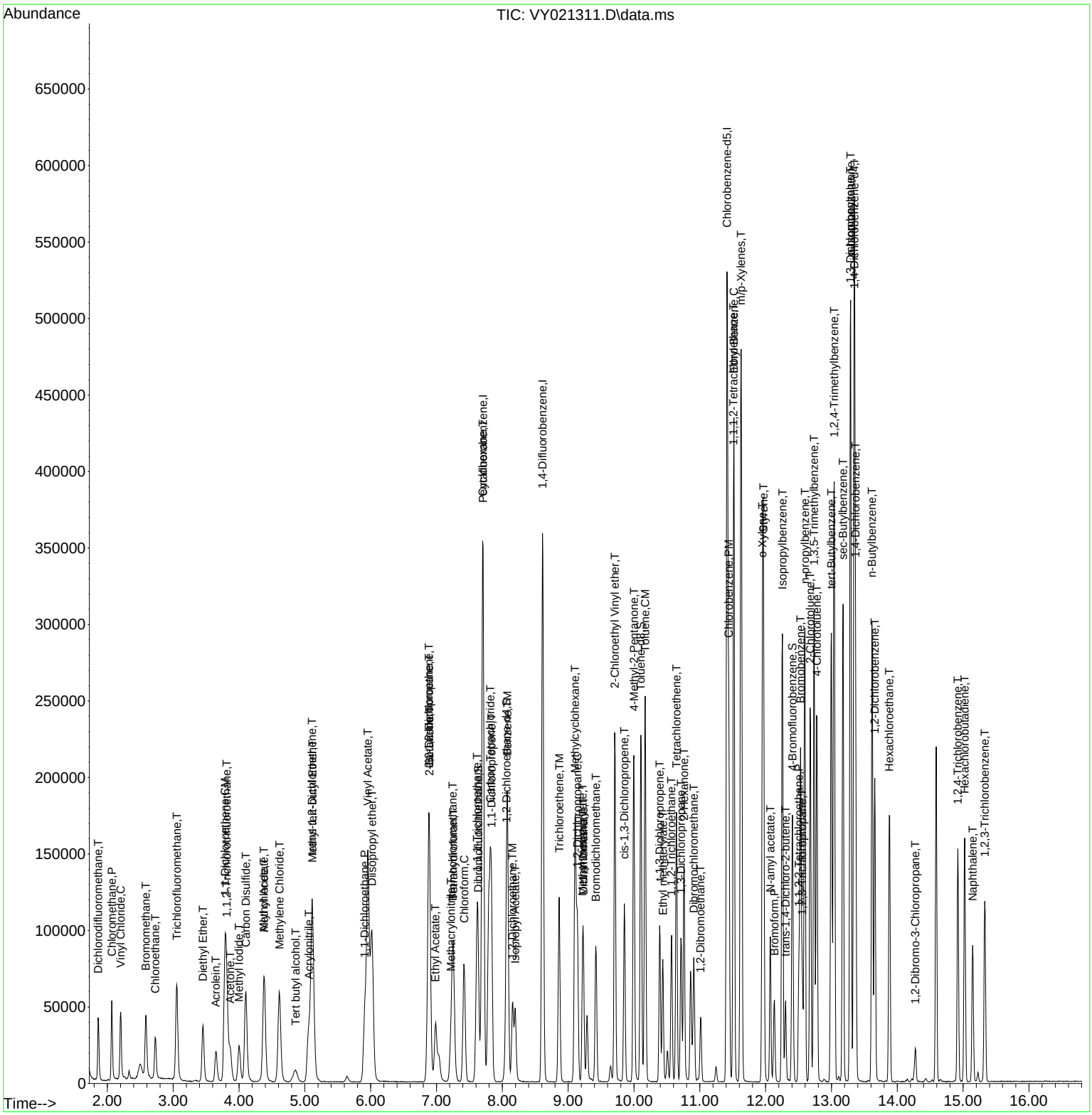
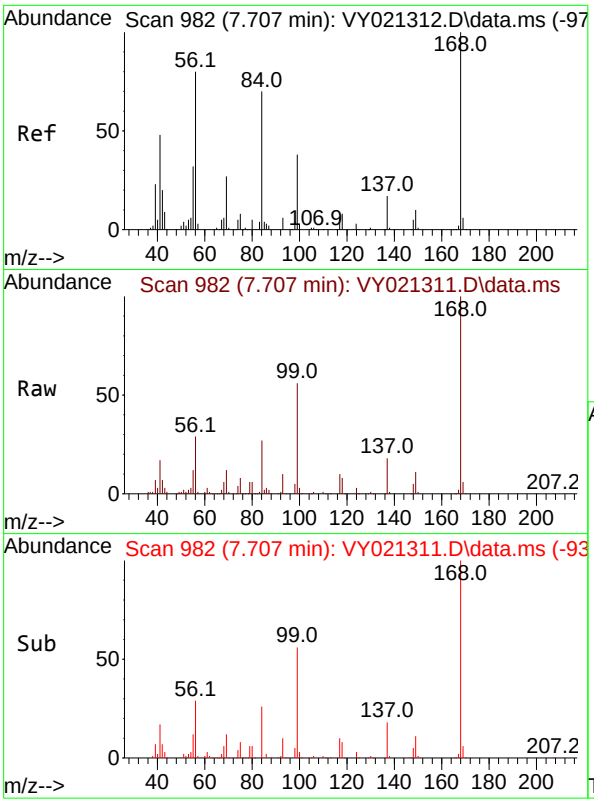
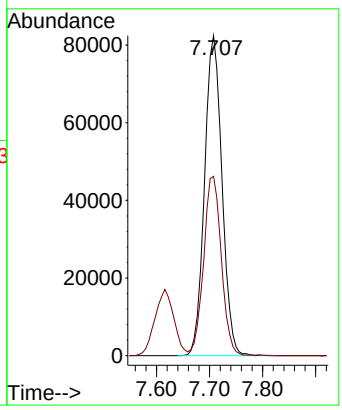




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:168 Resp: 18836

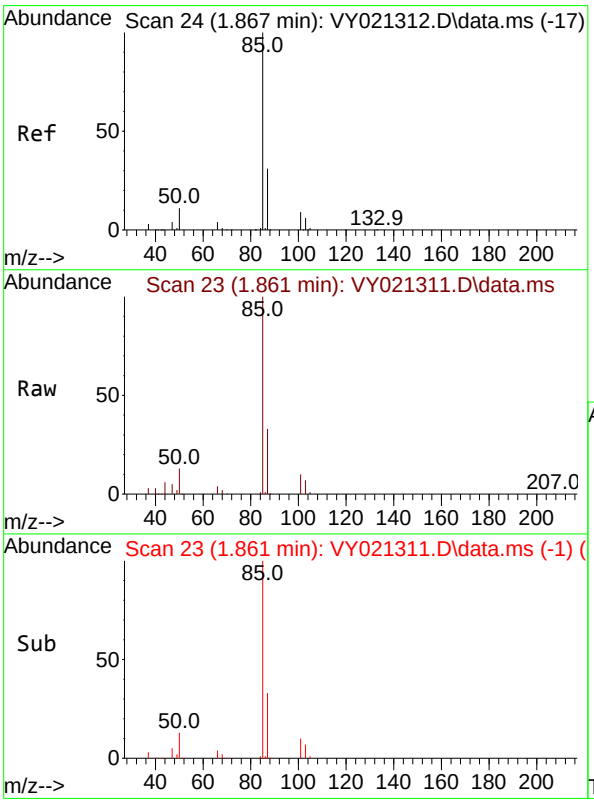
Ion	Ratio	Lower	Upper
168	100		
99	56.0	47.1	70.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

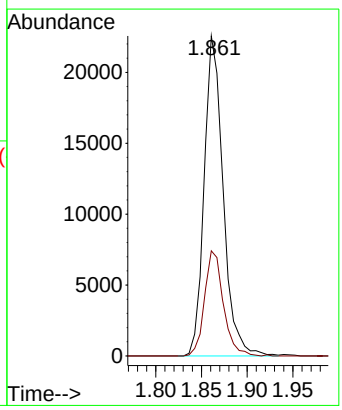
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

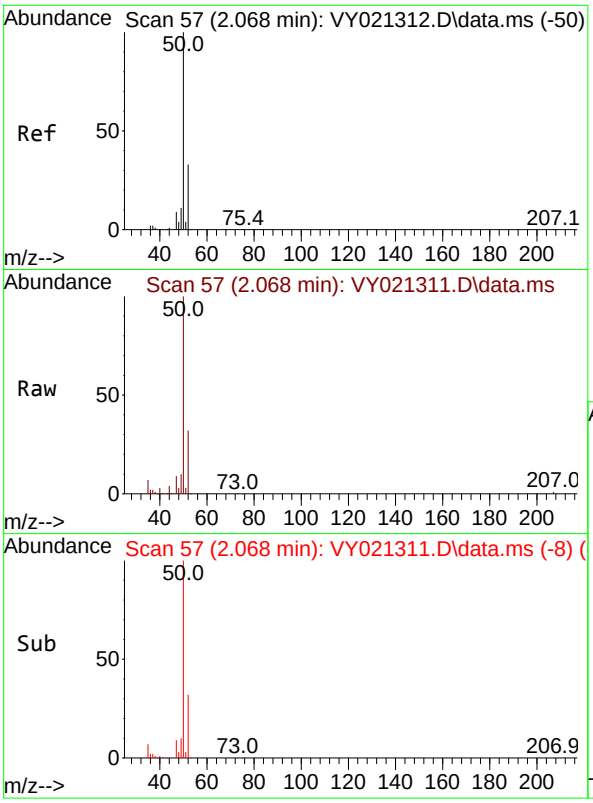


#2
Dichlorodifluoromethane
Concen: 18.204 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 85 Resp: 32511

Ion	Ratio	Lower	Upper
85	100		
87	32.9	15.4	46.4

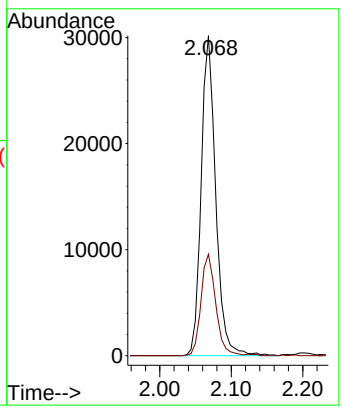




#3
Chloromethane
Concen: 18.484 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 50 Resp: 4263

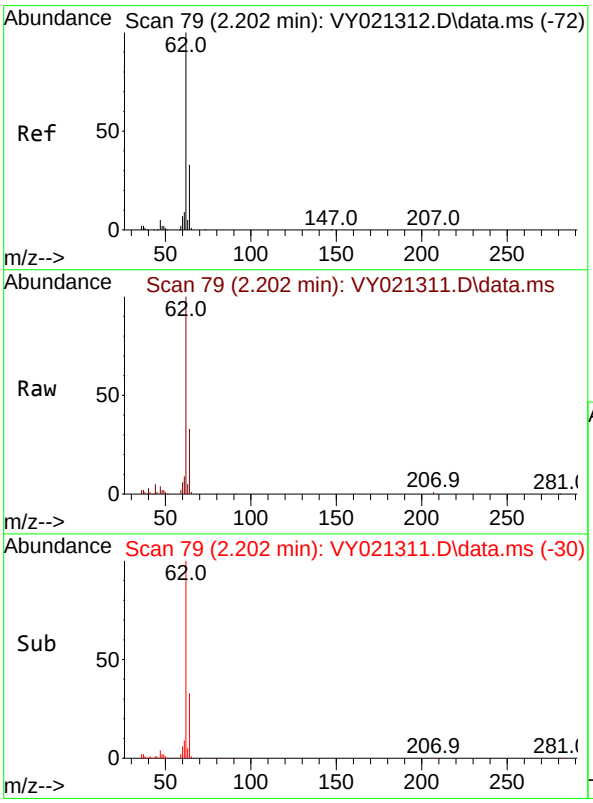
Ion	Ratio	Lower	Upper
50	100		
52	31.7	26.6	40.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

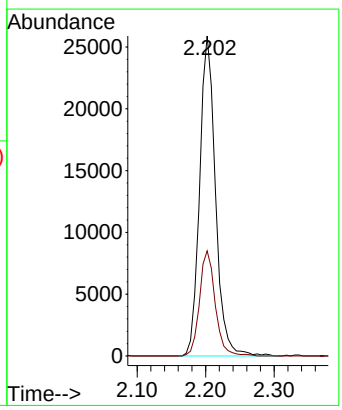
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

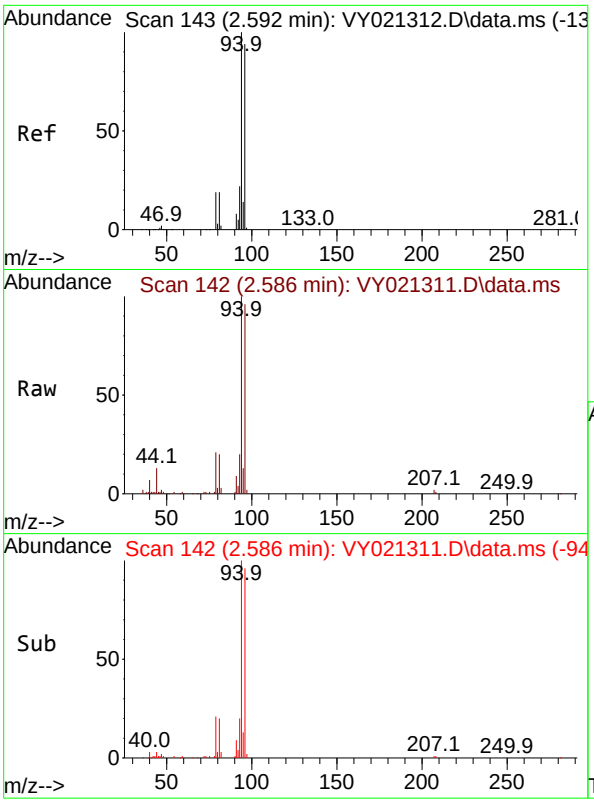


#4
Vinyl Chloride
Concen: 18.429 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 62 Resp: 41719

Ion	Ratio	Lower	Upper
62	100		
64	32.8	26.3	39.5

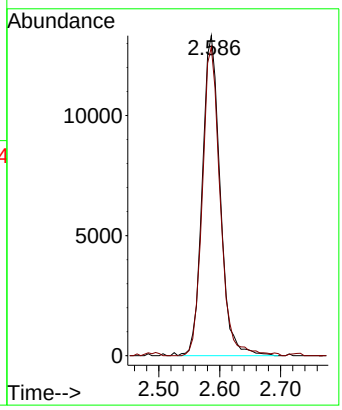




#5
Bromomethane
Concen: 18.079 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 94 Resp: 2719

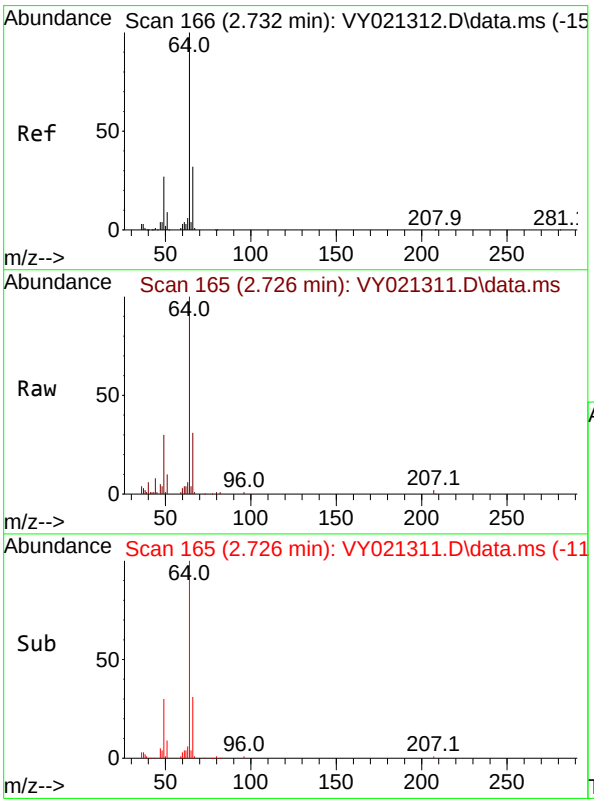
Ion	Ratio	Lower	Upper
94	100		
96	96.3	75.2	112.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

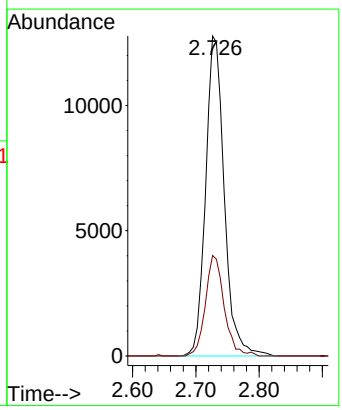
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

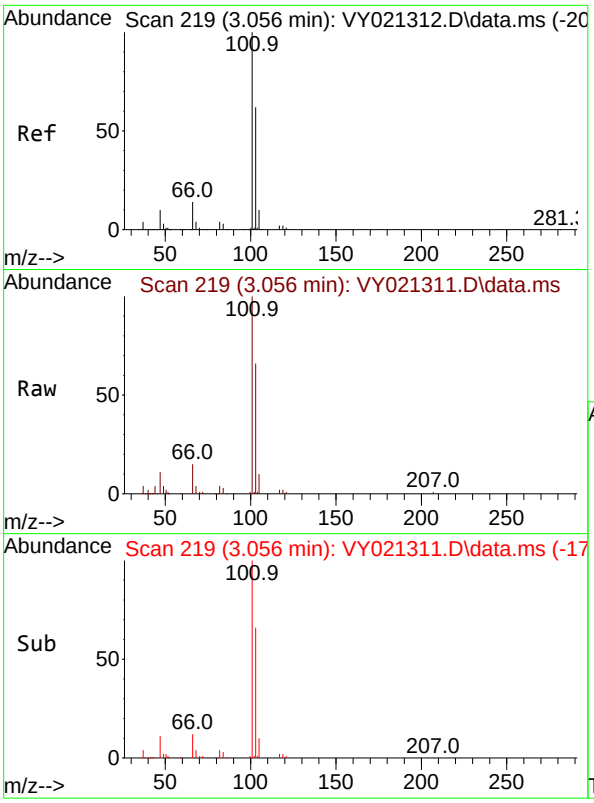


#6
Chloroethane
Concen: 18.635 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 64 Resp: 26161

Ion	Ratio	Lower	Upper
64	100		
66	31.4	25.4	38.0

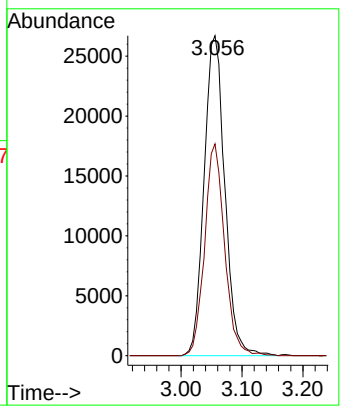




#7
Trichlorofluoromethane
Concen: 18.477 ug/l
RT: 3.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:101 Resp: 6317

Ion	Ratio	Lower	Upper
101	100		
103	66.2	49.7	74.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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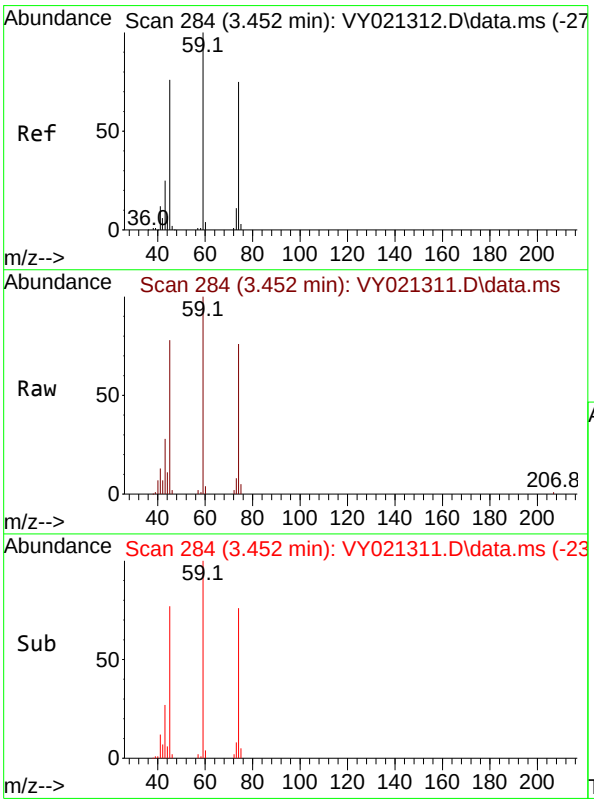
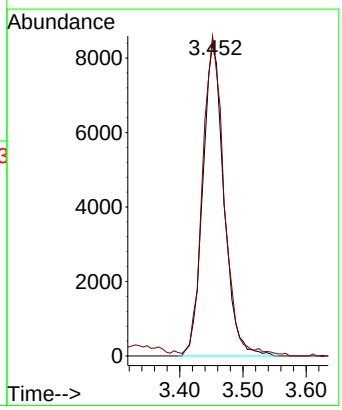
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

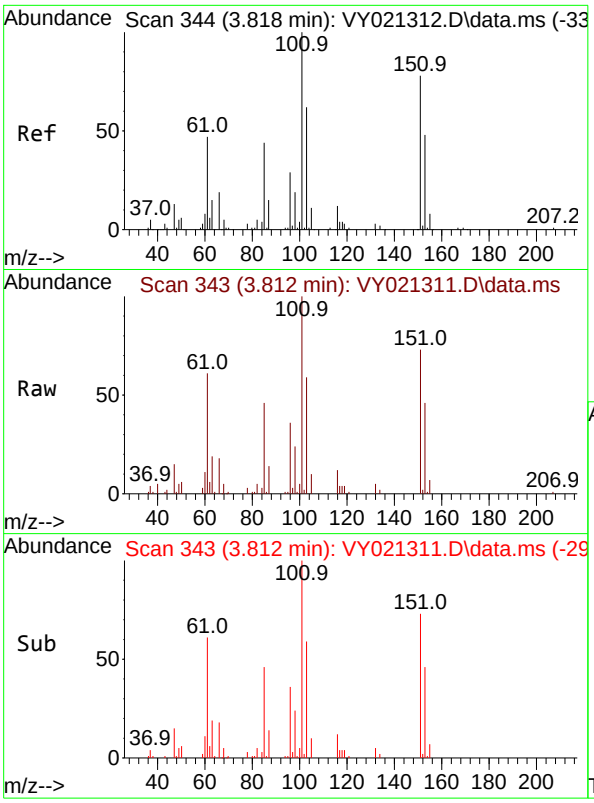


#8
Diethyl Ether
Concen: 19.066 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 74 Resp: 19564

Ion	Ratio	Lower	Upper
74	100		
45	104.3	50.3	150.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.701 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:101 Resp: 3701

Ion	Ratio	Lower	Upper
101	100		
85	47.3	36.7	55.1
151	77.8	62.6	94.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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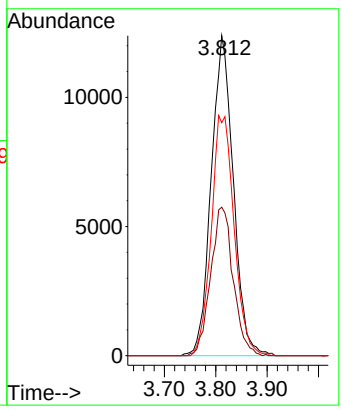
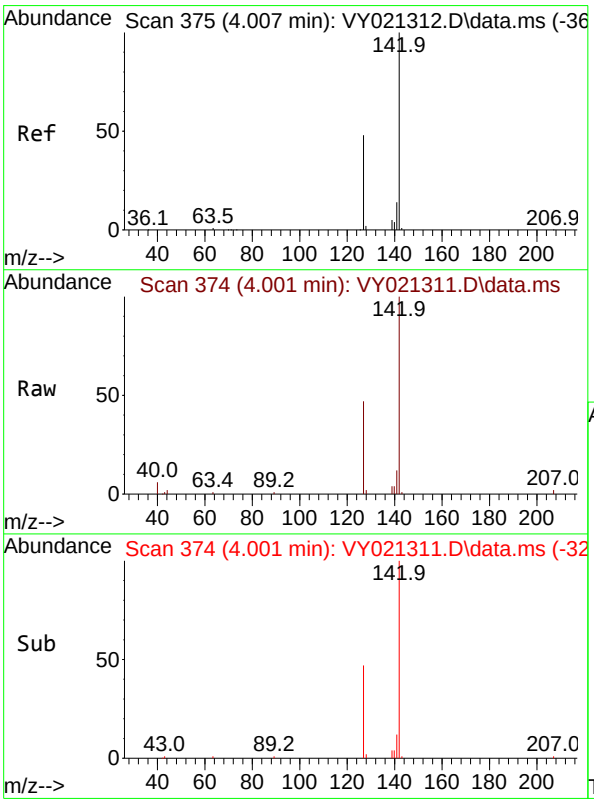
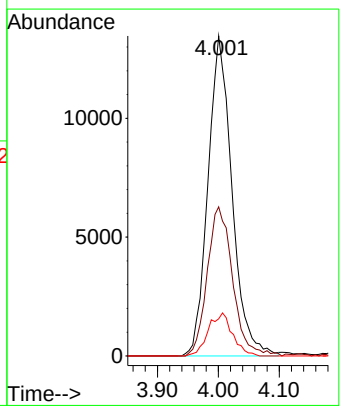


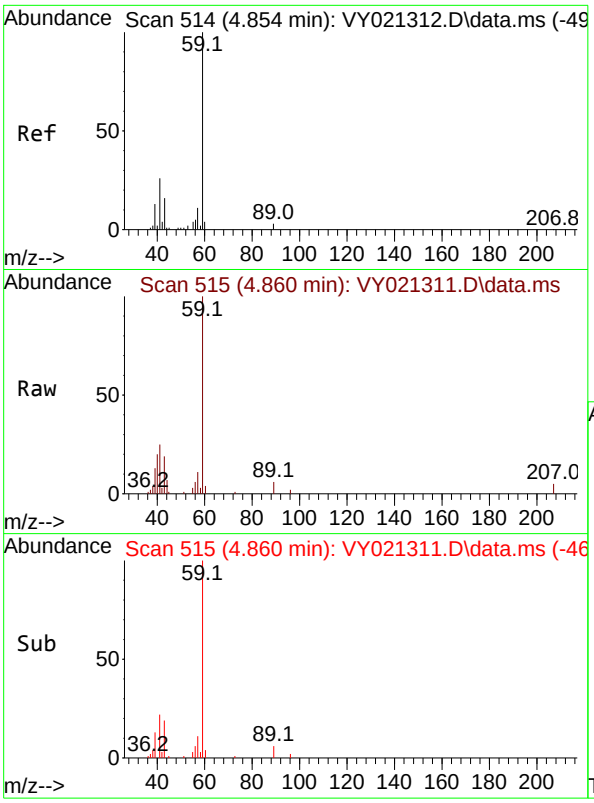


#10
Methyl Iodide
Concen: 17.741 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:142 Resp: 36945

Ion	Ratio	Lower	Upper
142	100		
127	49.1	39.2	58.8
141	13.5	11.4	17.2

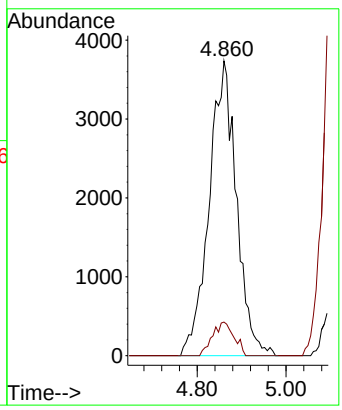




#11
Tert butyl alcohol
Concen: 96.952 ug/l
RT: 4.860 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 59 Resp: 1593

Ion	Ratio	Lower	Upper
59	100		
57	8.9	8.3	12.5



Instrument :
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ClientSampleId :
VSTDICC020

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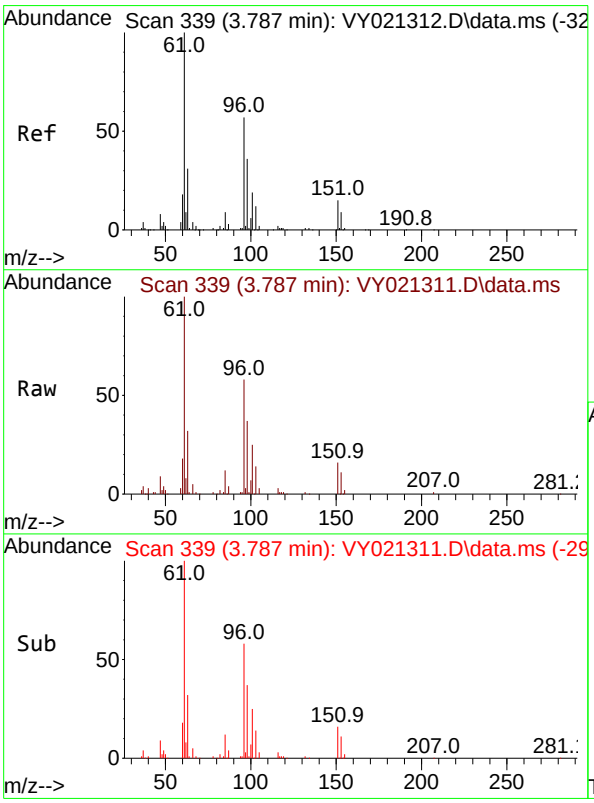
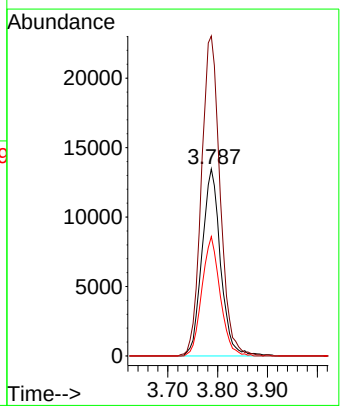
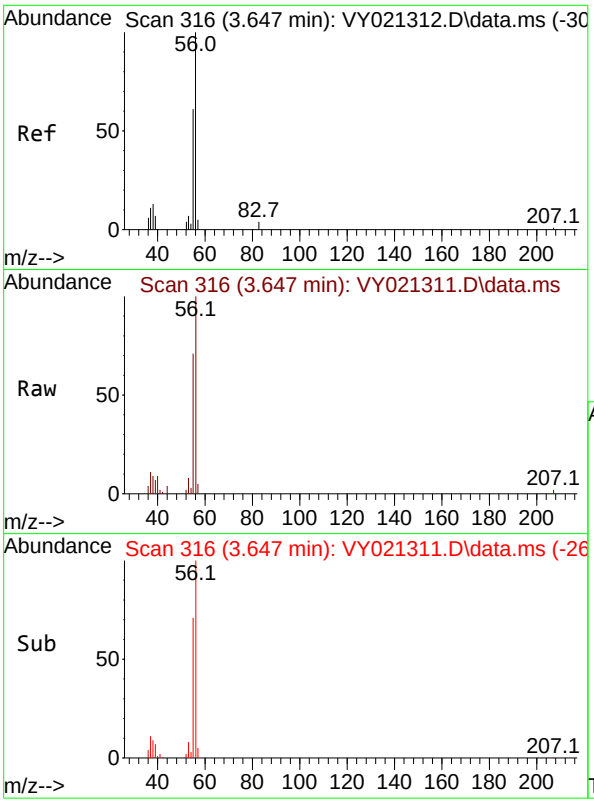


#12
1,1-Dichloroethene
Concen: 18.376 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 96 Resp: 34827

Ion	Ratio	Lower	Upper
96	100		
61	171.1	139.7	209.5
98	63.8	49.7	74.5

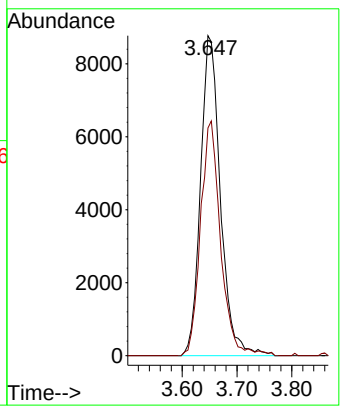




#13
Acrolein
Concen: 175.300 ug/l
RT: 3.647 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 56 Resp: 2207

Ion	Ratio	Lower	Upper
56	100		
55	74.0	59.0	88.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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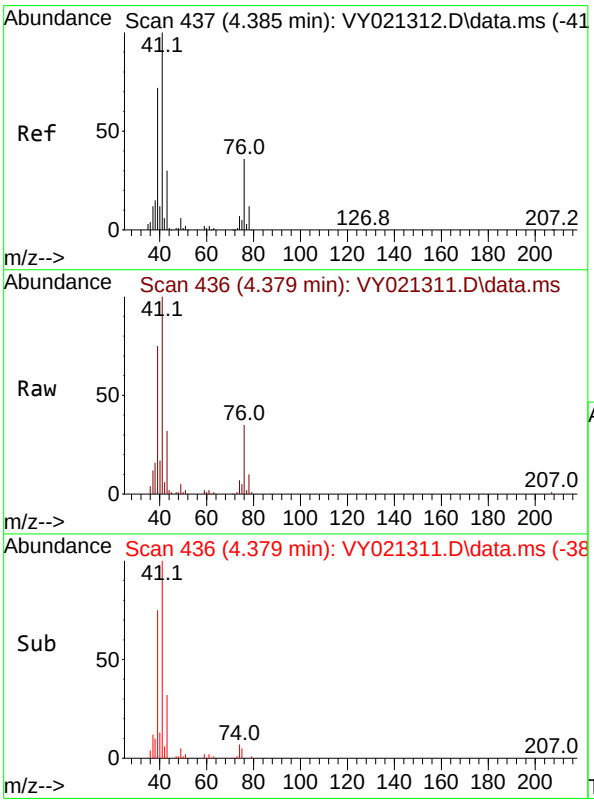
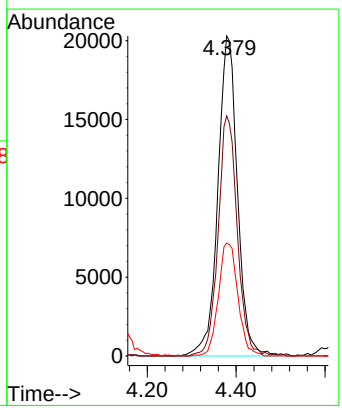
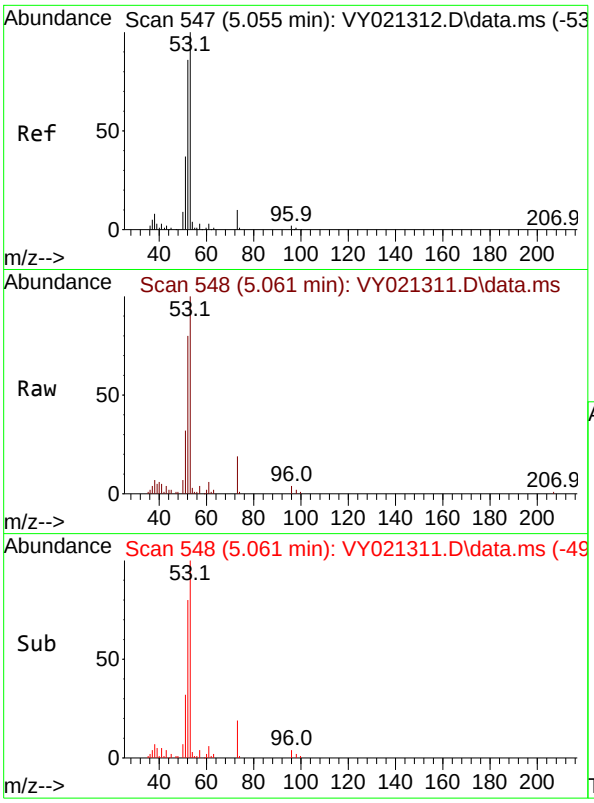


#14
Allyl chloride
Concen: 18.417 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 41 Resp: 61887

Ion	Ratio	Lower	Upper
41	100		
39	73.3	60.0	90.0
76	35.2	29.0	43.6

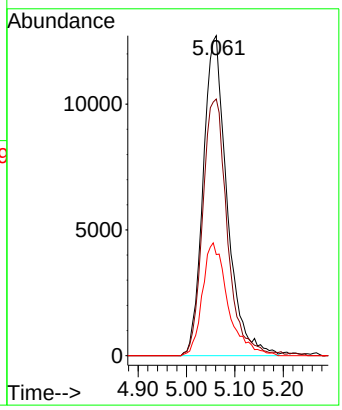




#15
Acrylonitrile
Concen: 96.460 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 53 Resp: 4376

Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.5	98.3
51	37.8	30.6	46.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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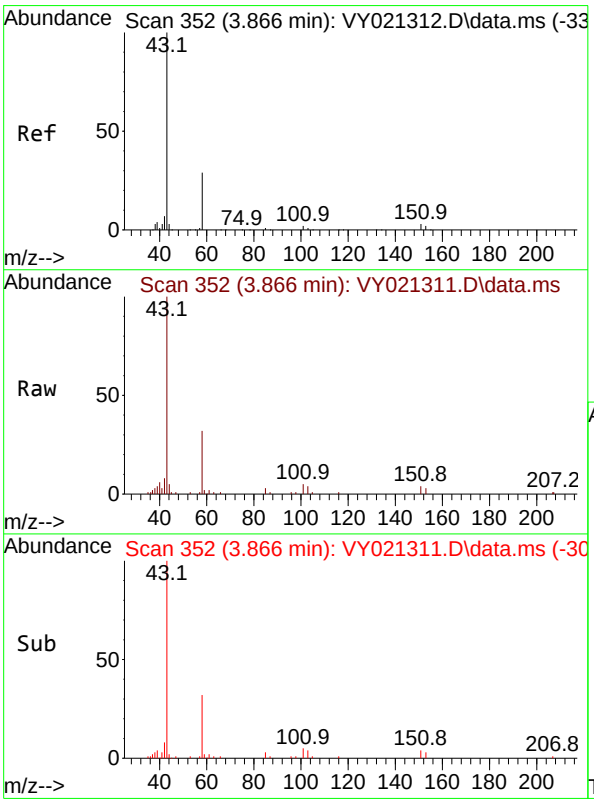
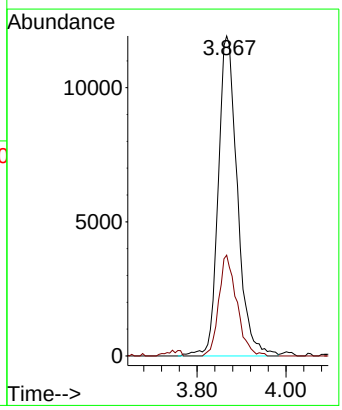
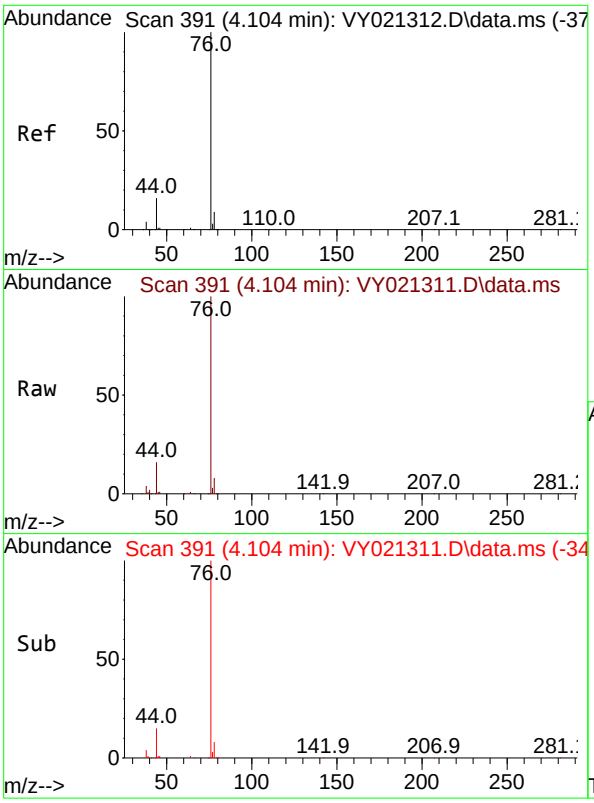


#16
Acetone
Concen: 86.623 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 43 Resp: 35506

Ion	Ratio	Lower	Upper
43	100		
58	31.5	23.5	35.3

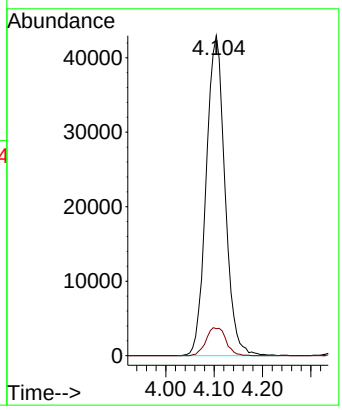




#17
Carbon Disulfide
Concen: 18.437 ug/l
RT: 4.104 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 76 Resp: 11603

Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.1	10.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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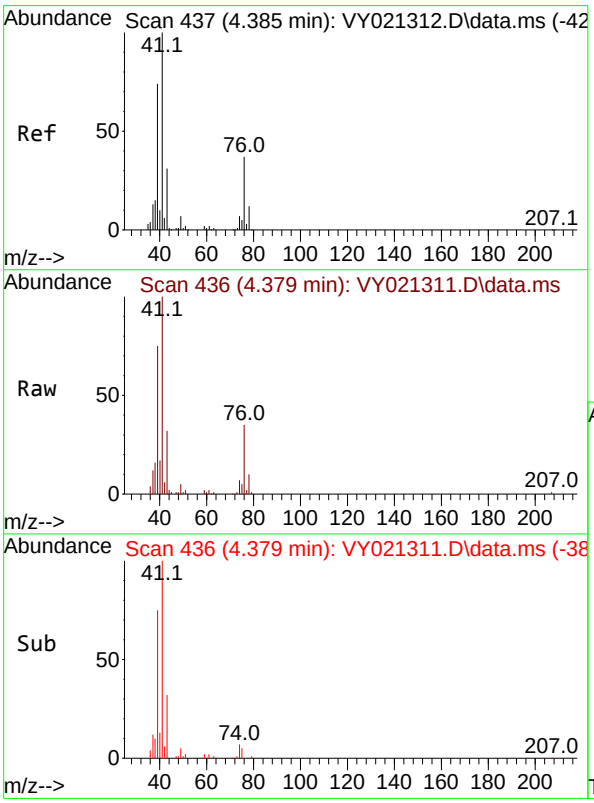
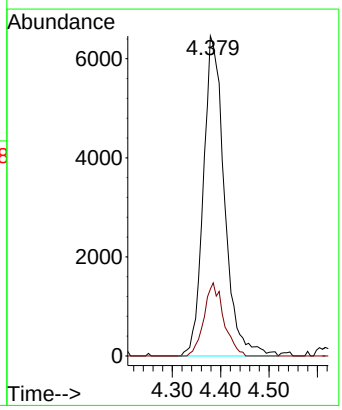
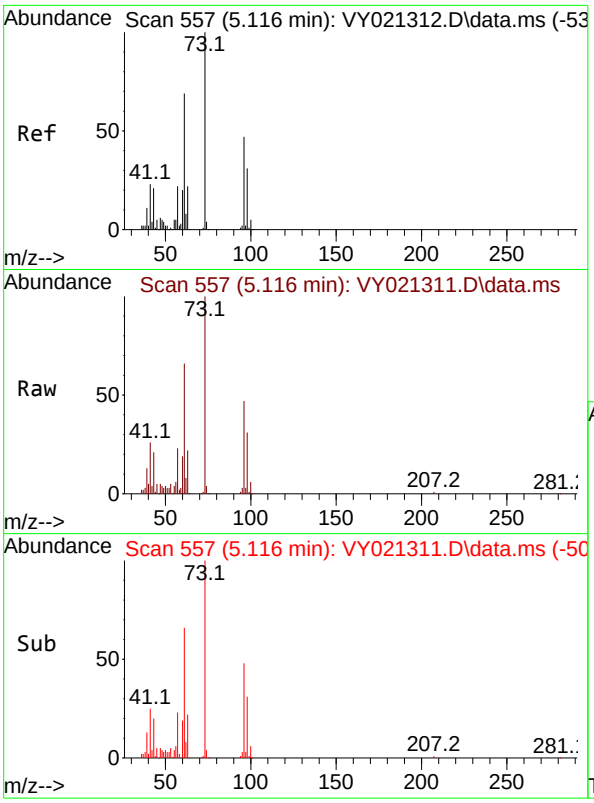


#18
Methyl Acetate
Concen: 19.500 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 43 Resp: 19534

Ion	Ratio	Lower	Upper
43	100		
74	21.4	17.7	26.5

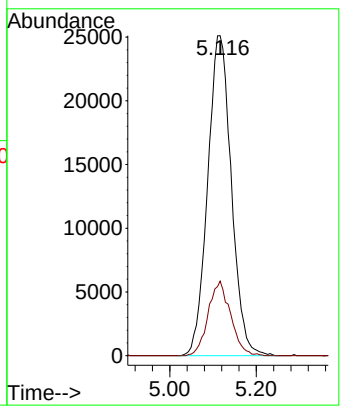




#19
Methyl tert-butyl Ether
Concen: 19.069 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 73 Resp: 9548

Ion	Ratio	Lower	Upper
73	100		
57	23.3	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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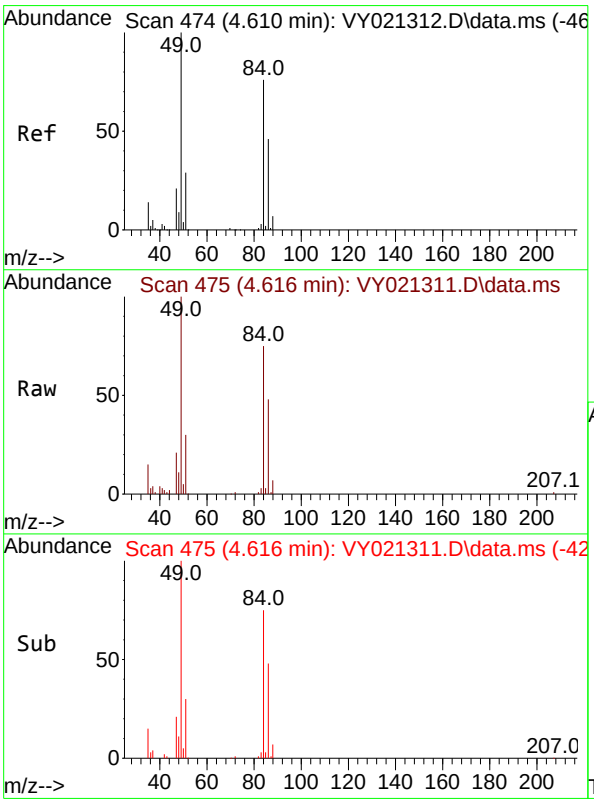
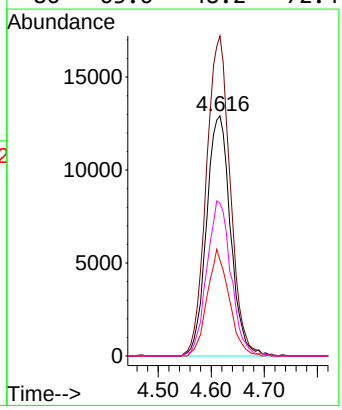
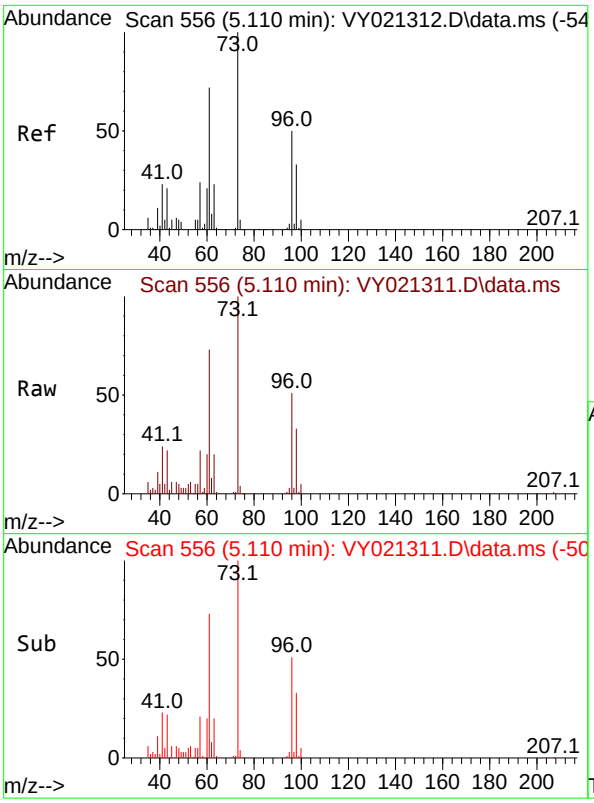


#20
Methylene Chloride
Concen: 18.331 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 84 Resp: 40630

Ion	Ratio	Lower	Upper
84	100		
49	133.3	105.1	157.7
51	39.8	31.0	46.4
86	63.6	48.2	72.4

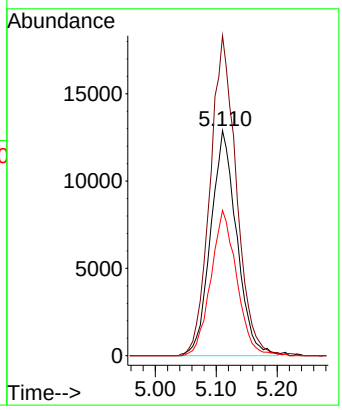




#21
trans-1,2-Dichloroethene
Concen: 18.317 ug/l
RT: 5.110 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 96 Resp: 3821

Ion	Ratio	Lower	Upper
96	100		
61	142.1	116.3	174.5
98	64.5	52.6	78.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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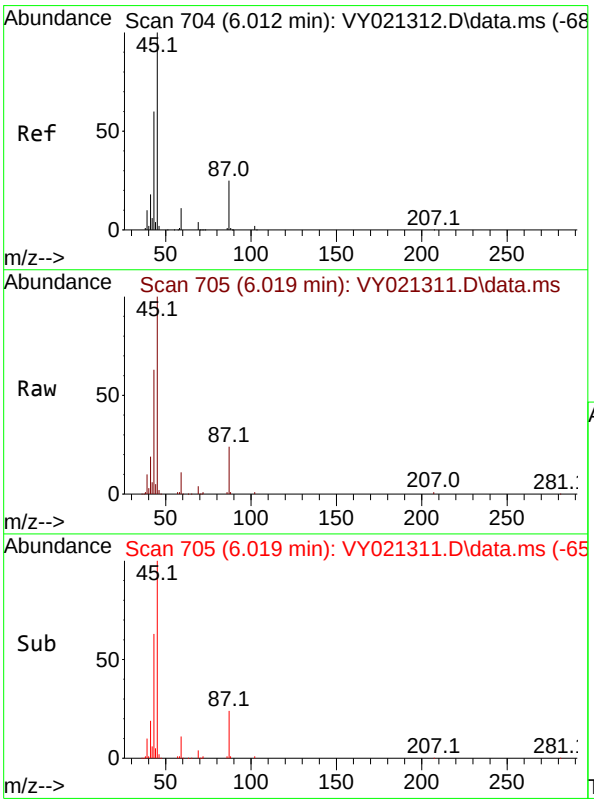
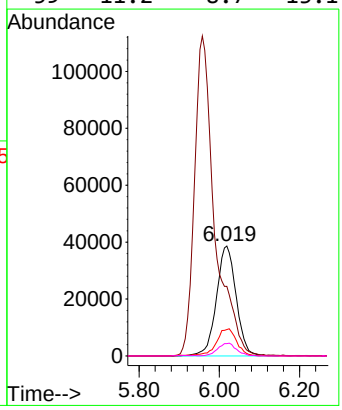
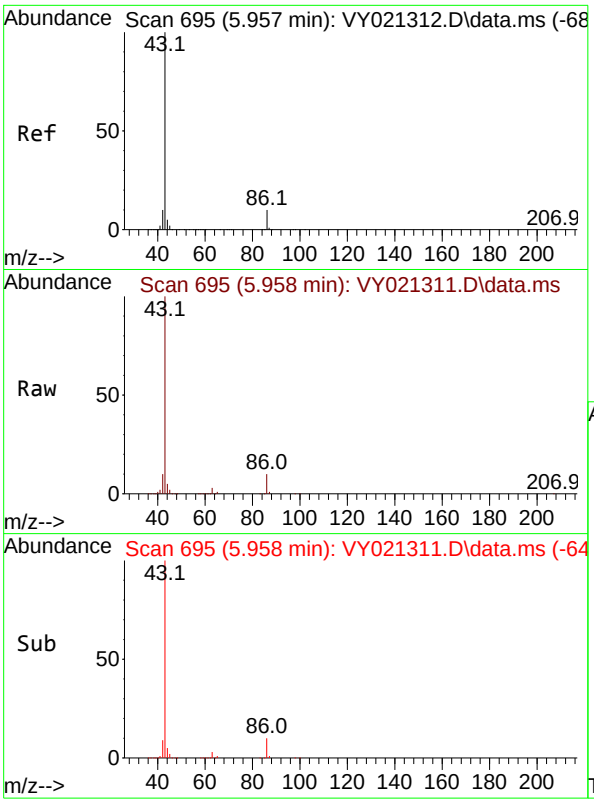


#22
Diisopropyl ether
Concen: 18.989 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 45 Resp: 132039

Ion	Ratio	Lower	Upper
45	100		
43	62.7	48.2	72.4
87	24.1	20.3	30.5
59	11.2	8.7	13.1





#23
Vinyl Acetate
Concen: 94.730 ug/l
RT: 5.958 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 43 Resp: 39362

Ion	Ratio	Lower	Upper
43	100		
86	10.2	8.0	12.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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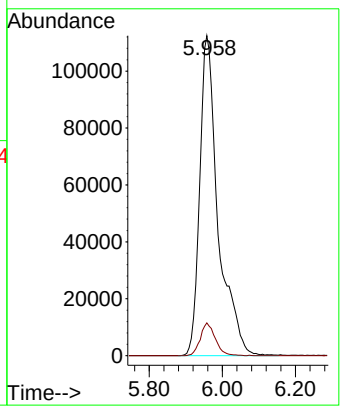
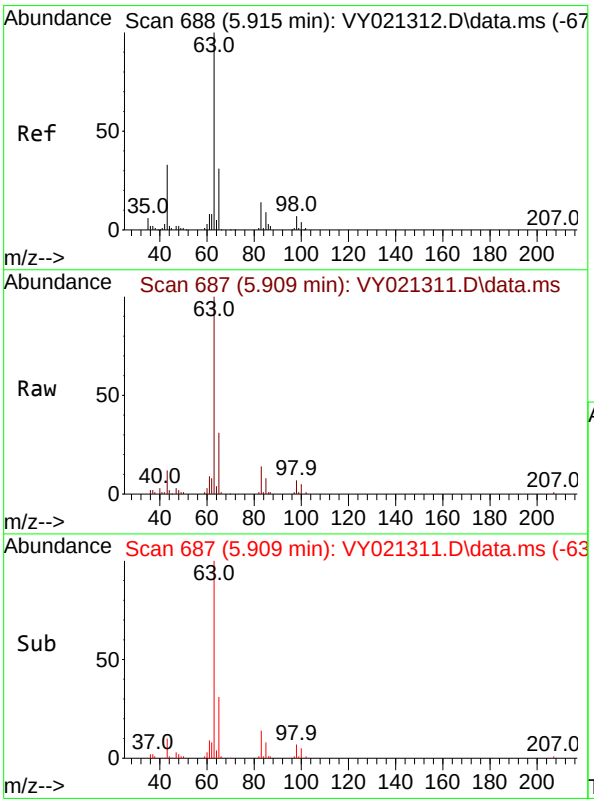
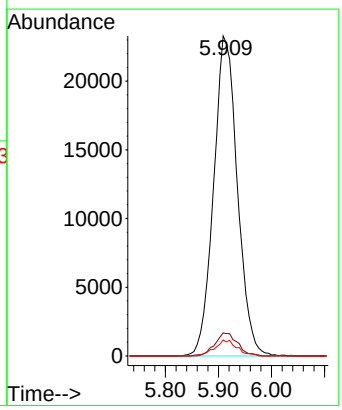


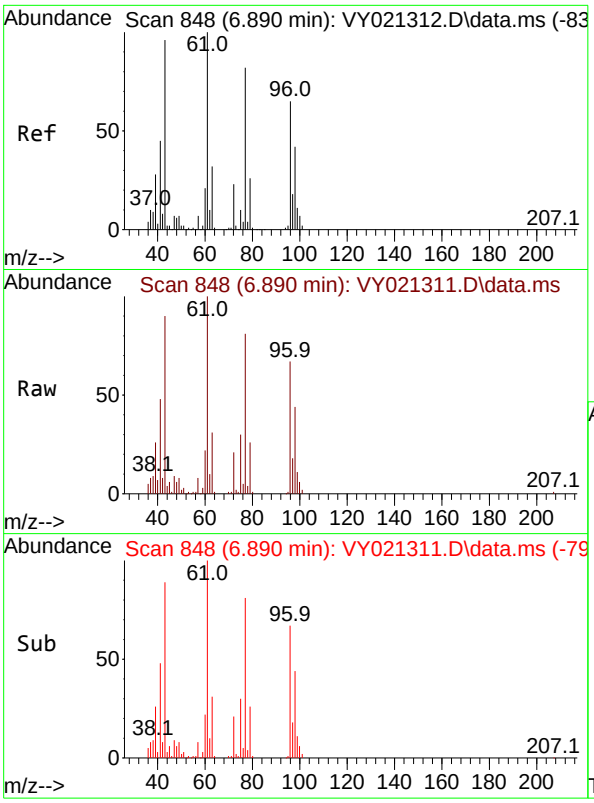


#24
1,1-Dichloroethane
Concen: 18.480 ug/l
RT: 5.909 min Scan# 687
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 63 Resp: 72428

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.7	11.1
100	5.0	2.1	6.5

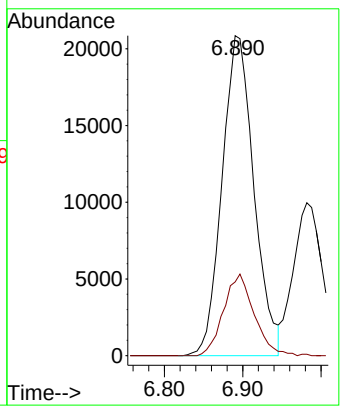




#25
2-Butanone
Concen: 95.278 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 43 Resp: 5894

Ion	Ratio	Lower	Upper
43	100		
72	23.0	19.0	28.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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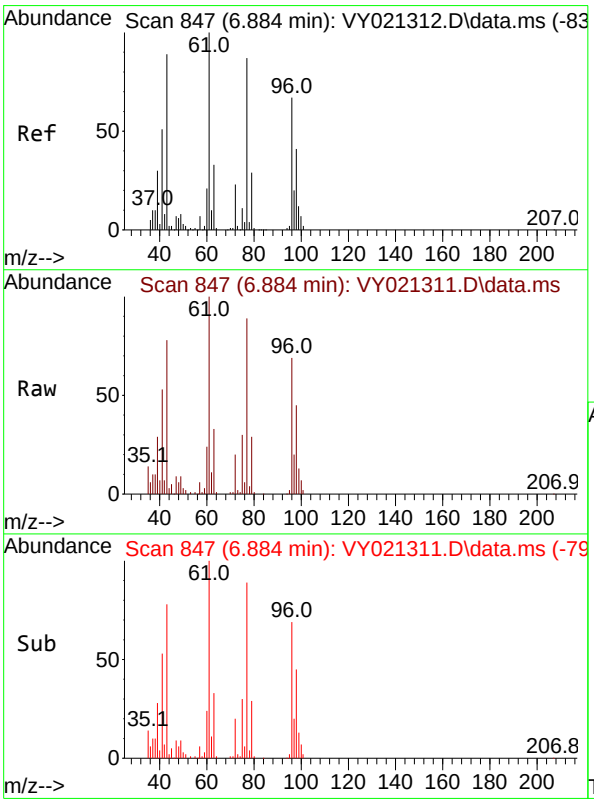
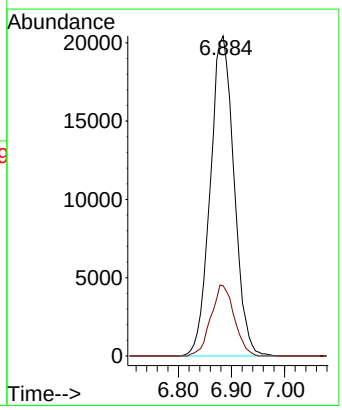
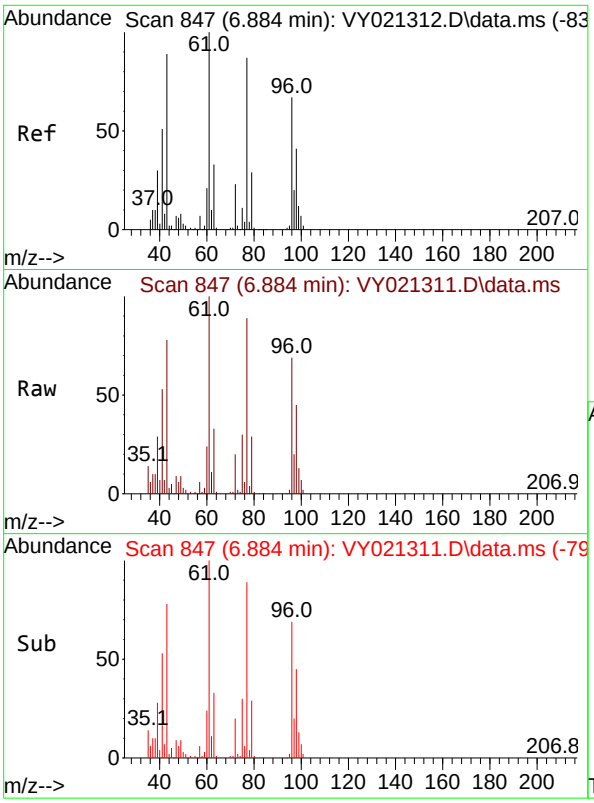


#26
2,2-Dichloropropane
Concen: 17.908 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 77 Resp: 63686

Ion	Ratio	Lower	Upper
77	100		
97	21.7	10.9	32.7

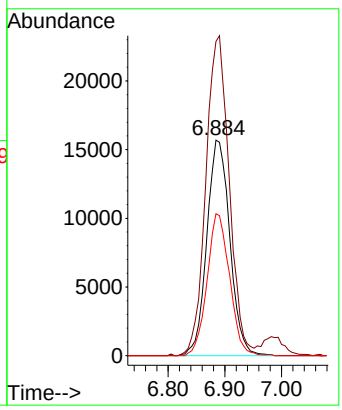




#27
cis-1,2-Dichloroethene
Concen: 18.592 ug/l
RT: 6.884 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 96 Resp: 4429

Ion	Ratio	Lower	Upper
96	100		
61	150.5	0.0	308.0
98	64.3	0.0	129.6



Instrument :
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ClientSampleId :
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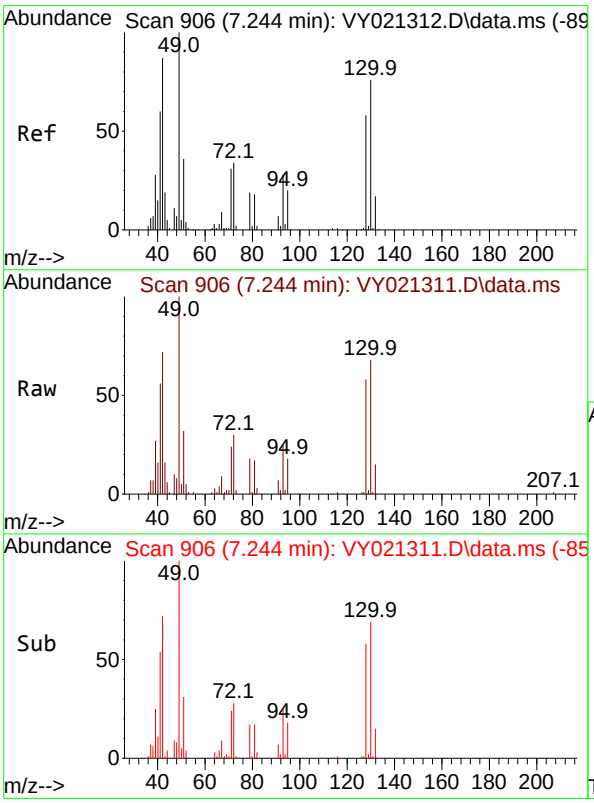
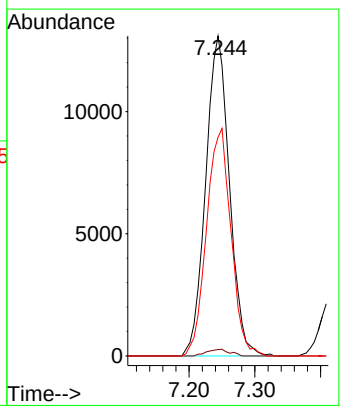
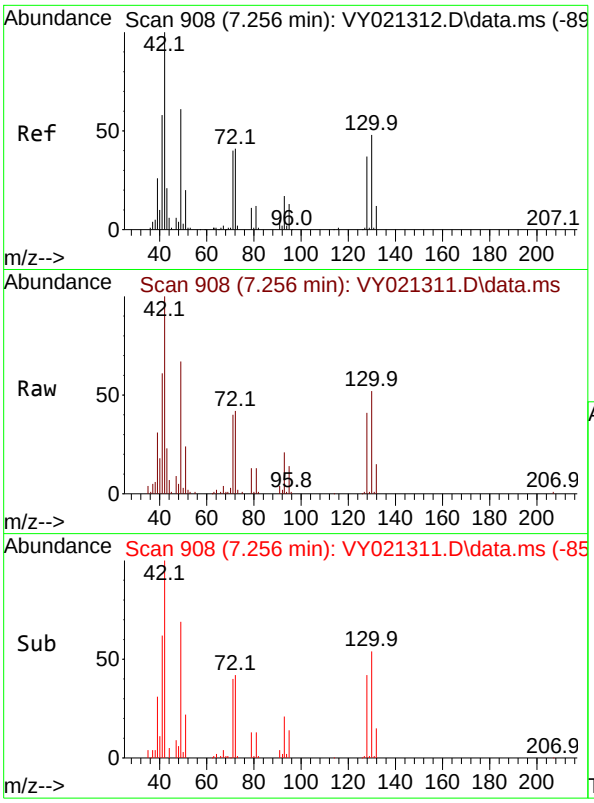


#28
Bromochloromethane
Concen: 19.022 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 49 Resp: 32987

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	73.2	57.8	86.6

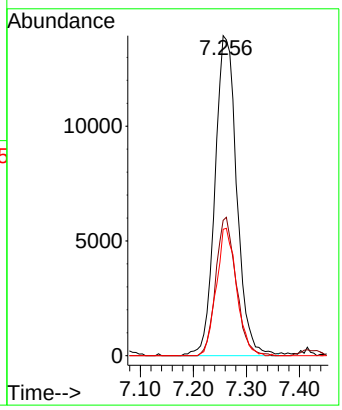




#29
Tetrahydrofuran
Concen: 98.365 ug/l
RT: 7.256 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 42 Resp: 3977

Ion	Ratio	Lower	Upper
42	100		
72	40.4	33.1	49.7
71	37.2	31.4	47.0



Instrument :
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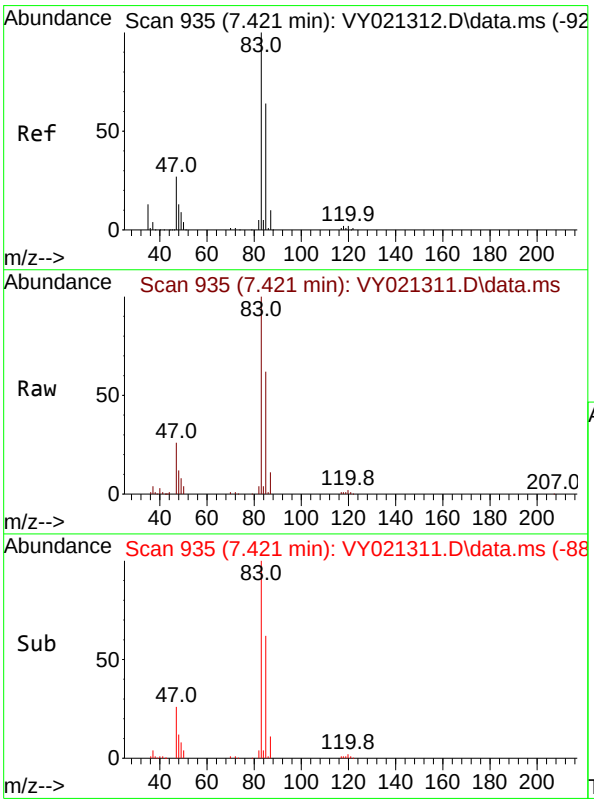
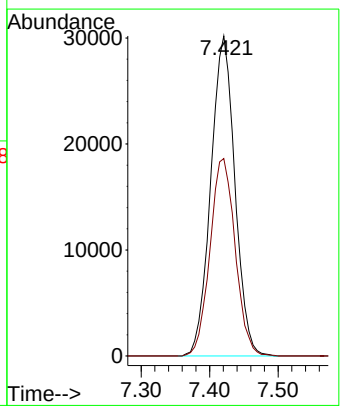
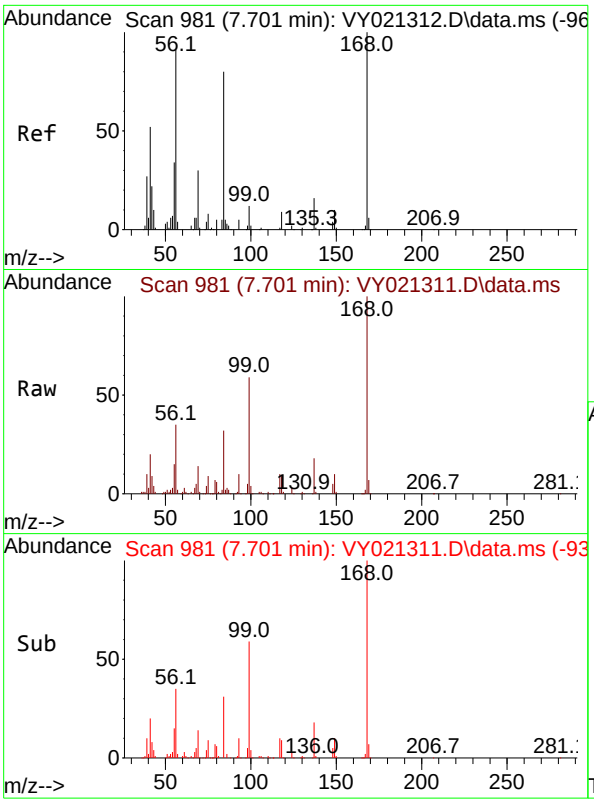


#30
Chloroform
Concen: 18.543 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 83 Resp: 73639

Ion	Ratio	Lower	Upper
83	100		
85	61.7	51.6	77.4

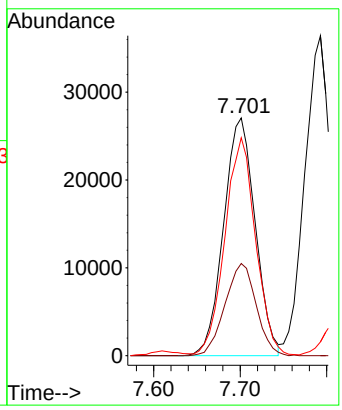




#31
Cyclohexane
Concen: 18.191 ug/l
RT: 7.701 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 56 Resp: 6853

Ion	Ratio	Lower	Upper
56	100		
69	38.8	26.2	39.4
84	90.4	70.2	105.4



Instrument :
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ClientSampleId :
VSTDICC020

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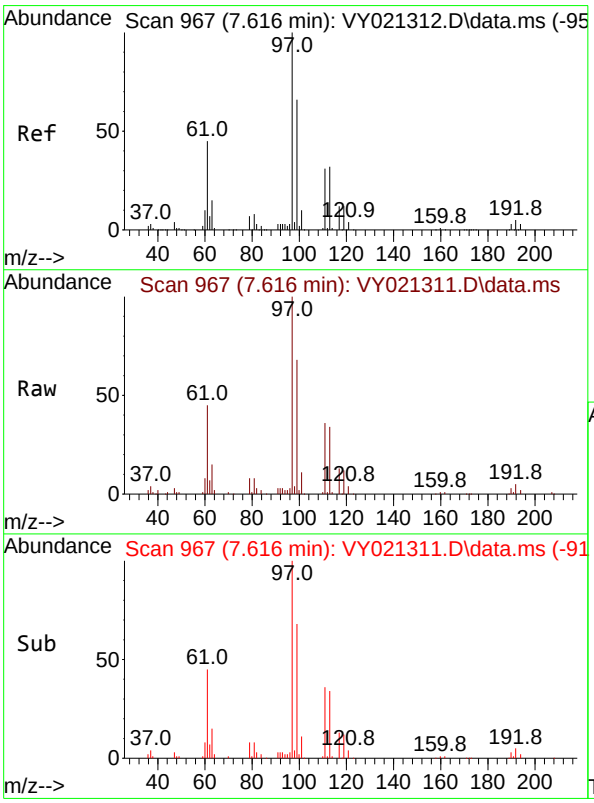
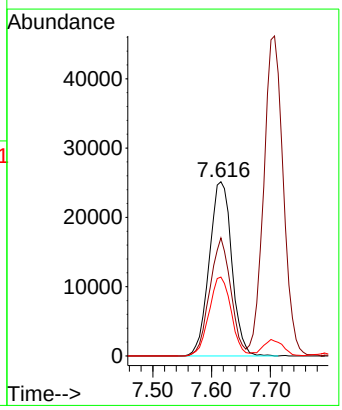
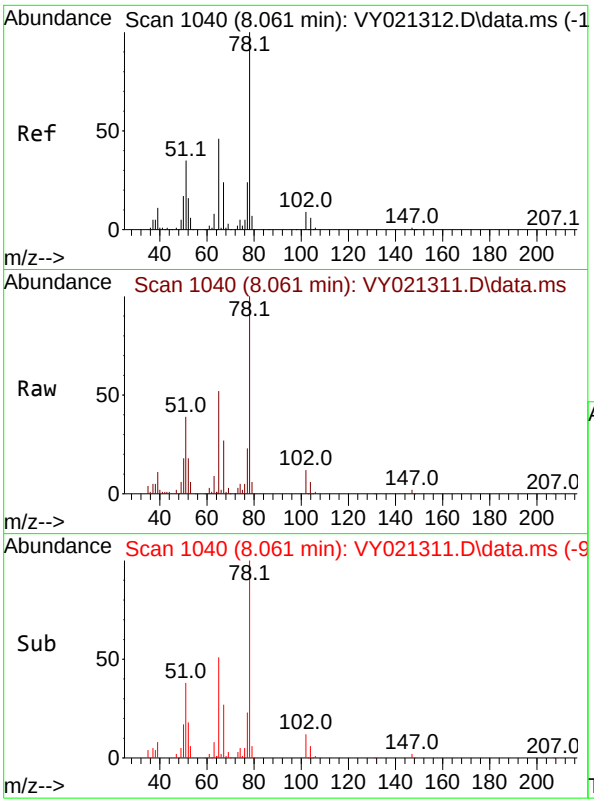


#32
1,1,1-Trichloroethane
Concen: 18.538 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 97 Resp: 67011

Ion	Ratio	Lower	Upper
97	100		
99	63.3	52.4	78.6
61	44.5	36.2	54.2

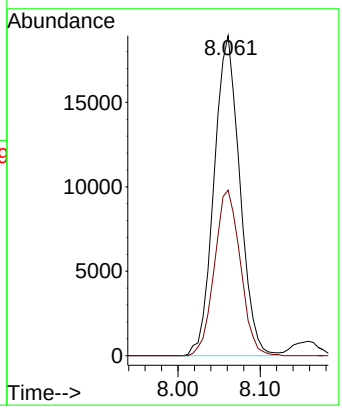




#33
1,2-Dichloroethane-d4
Concen: 19.337 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 65 Resp: 4132

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	103.6



Instrument :
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ClientSampleId :
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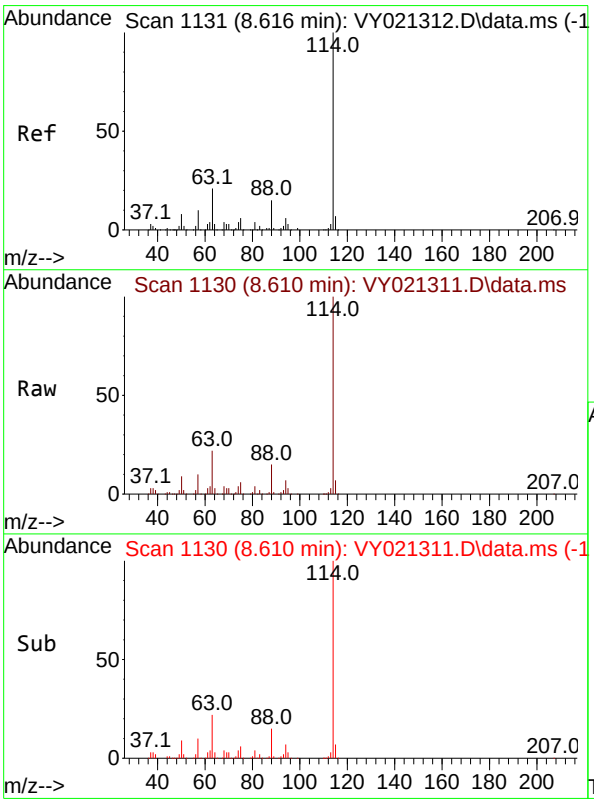
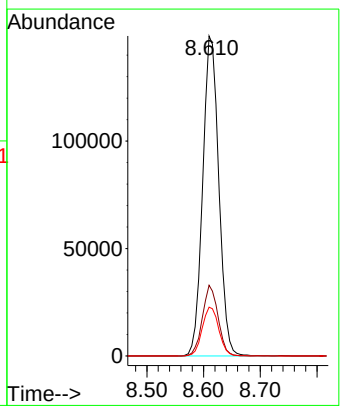
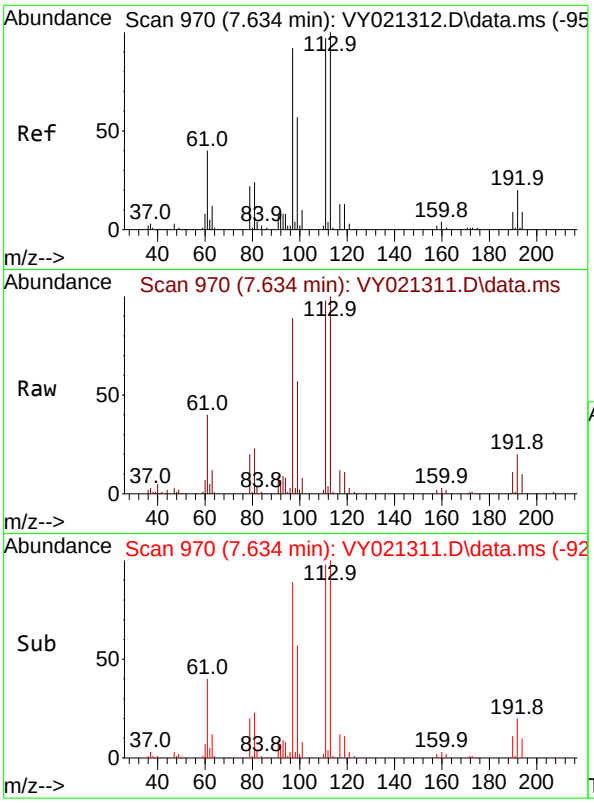


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:114 Resp: 293434

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	42.2
88	15.2	0.0	29.8

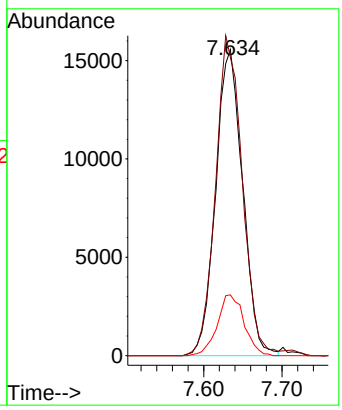




#35
Dibromofluoromethane
Concen: 19.371 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:113 Resp: 3726

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.0	121.6
192	19.8	15.8	23.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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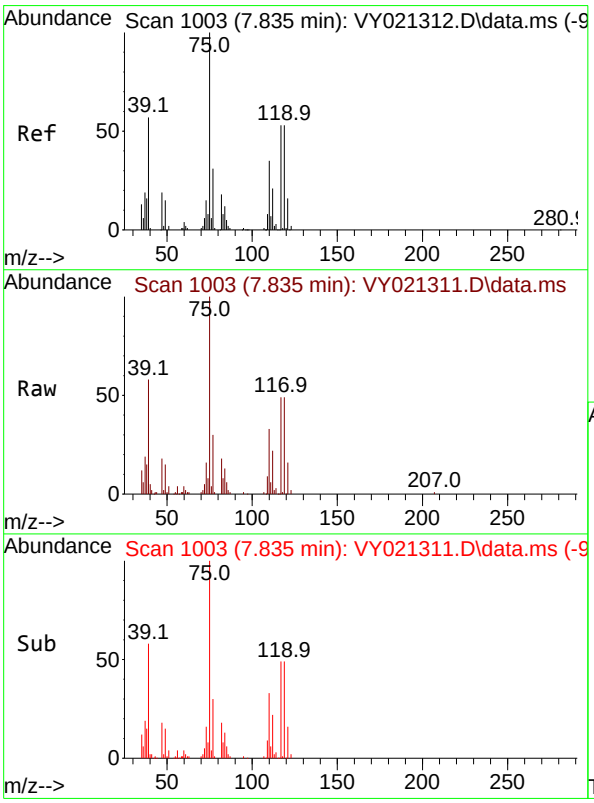
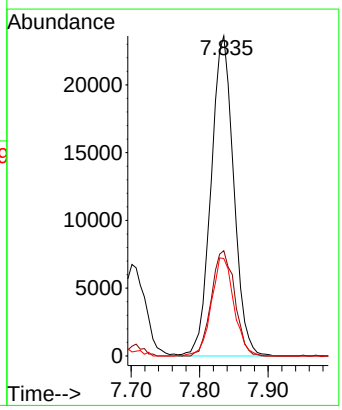
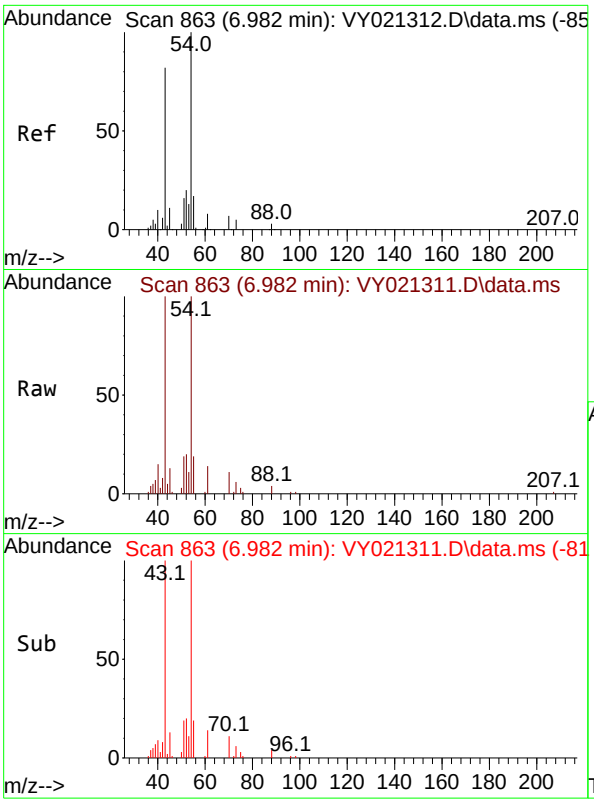


#36
1,1-Dichloropropene
Concen: 18.685 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 75 Resp: 53995

Ion	Ratio	Lower	Upper
75	100		
110	33.9	16.9	50.7
77	30.6	24.6	36.8





#37
Ethyl Acetate
Concen: 18.914 ug/l
RT: 6.982 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 43 Resp: 2718

Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.4	15.6
70	9.8	7.5	11.3

Instrument :
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ClientSampleId :
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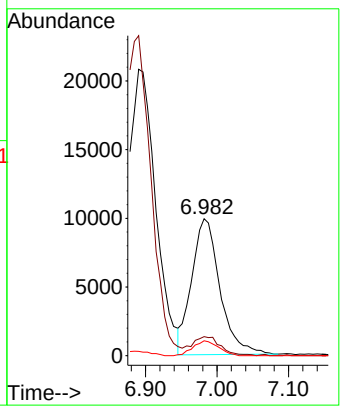
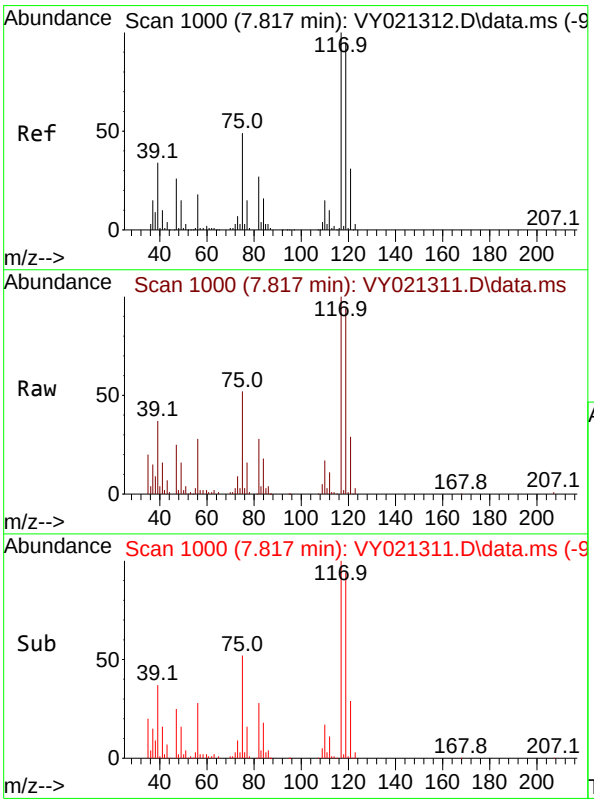
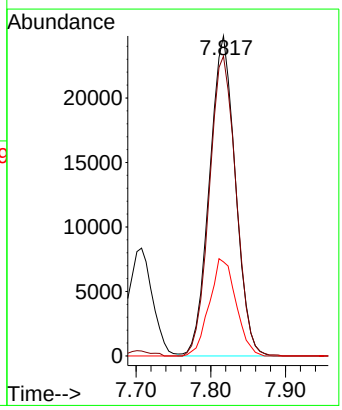


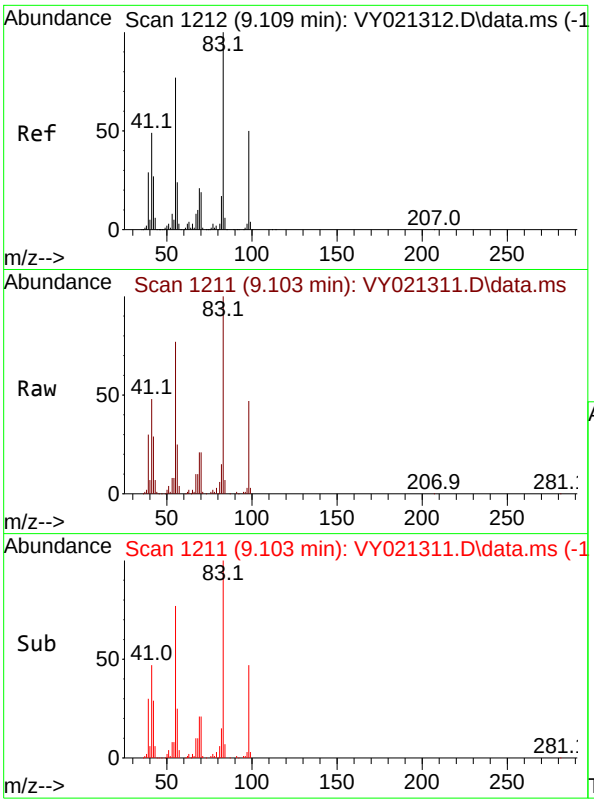


#38
Carbon Tetrachloride
Concen: 18.387 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:117 Resp: 59733

Ion	Ratio	Lower	Upper
117	100		
119	93.7	76.0	114.0
121	29.4	24.9	37.3

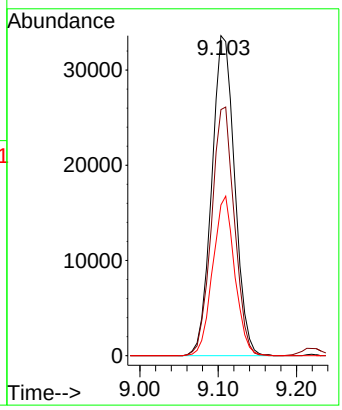




#39
Methylcyclohexane
Concen: 18.746 ug/l
RT: 9.103 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 83 Resp: 6851

Ion	Ratio	Lower	Upper
83	100		
55	76.9	61.3	91.9
98	47.1	39.9	59.9



Instrument :
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ClientSampleId :
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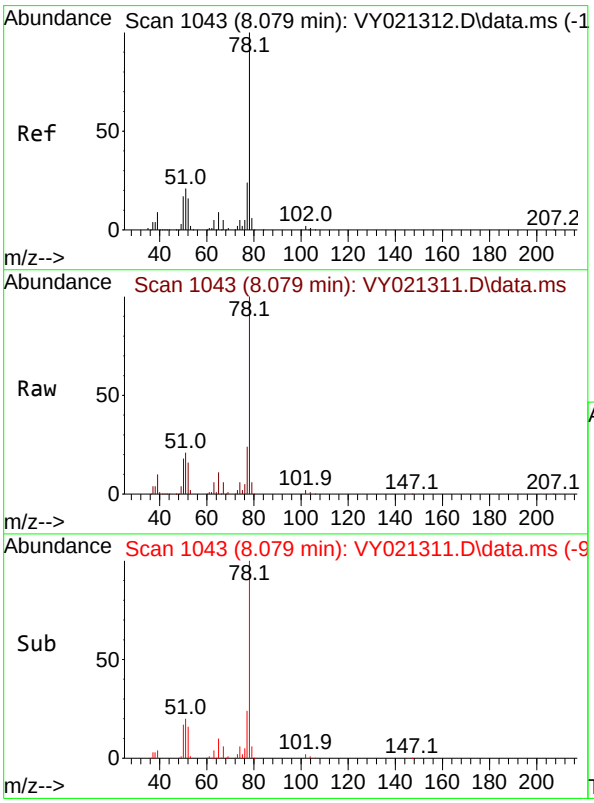
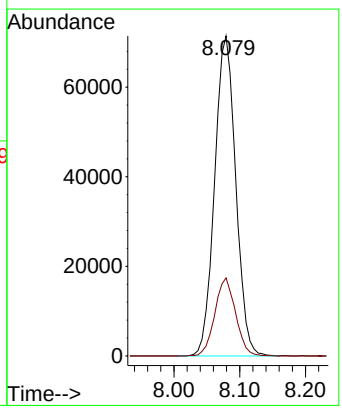
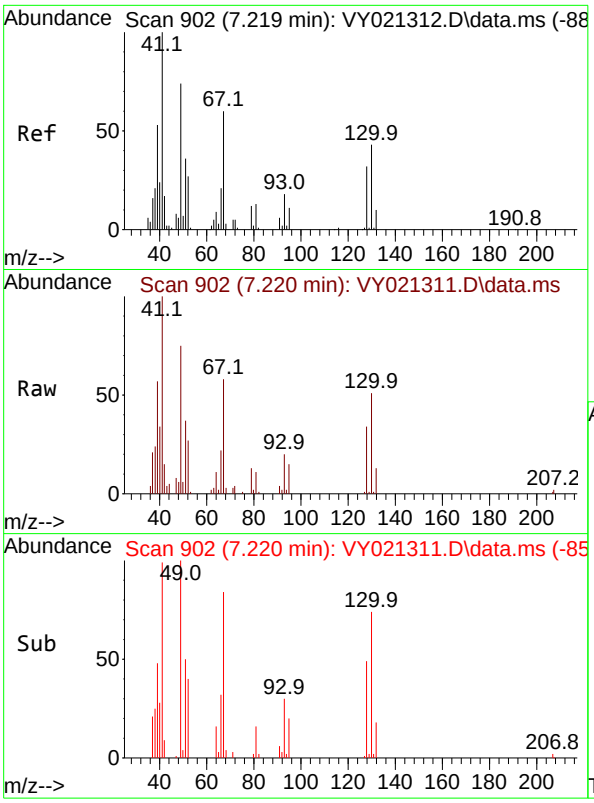


#40
Benzene
Concen: 18.676 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 78 Resp: 159536

Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.2	28.8

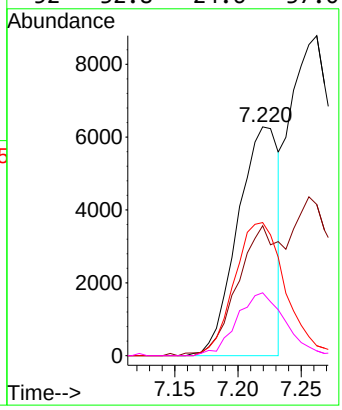




#41
Methacrylonitrile
Concen: 17.554 ug/l
RT: 7.220 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 41 Resp: 1410

Ion	Ratio	Lower	Upper
41	100		
39	63.1	42.3	63.5
67	72.9	54.8	82.2
52	32.8	24.6	37.0



Instrument :
MSVOA_Y
ClientSampleId :
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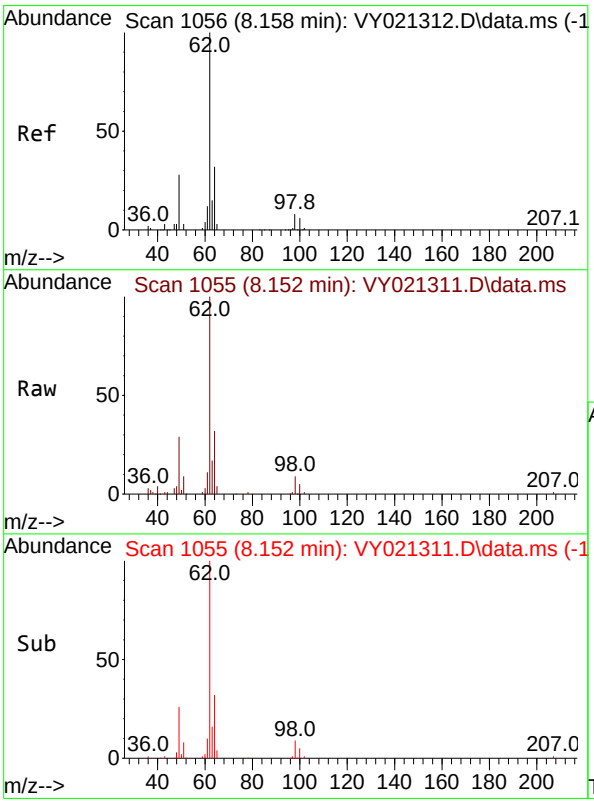
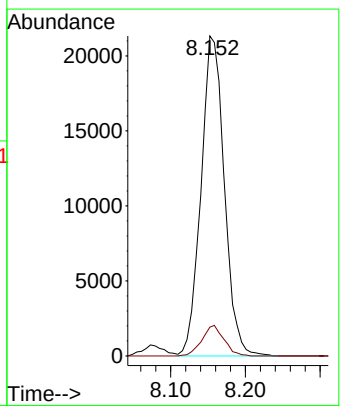
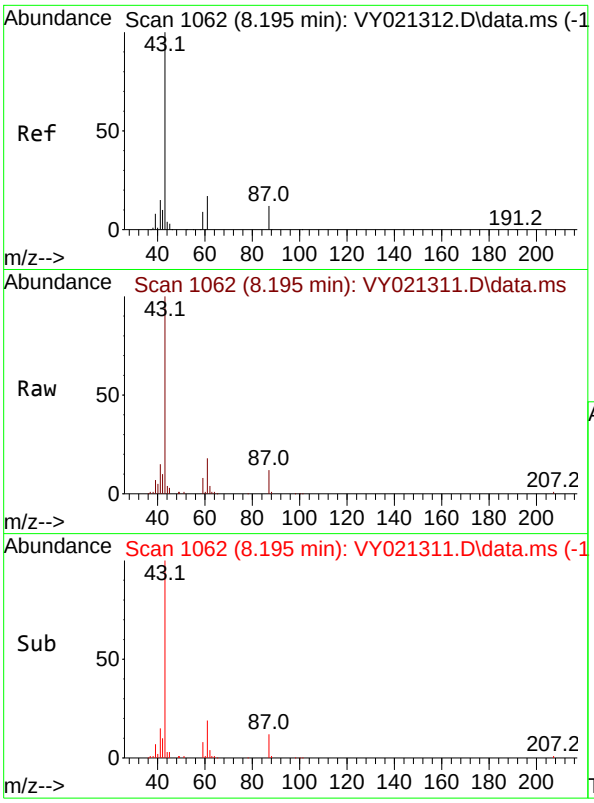


#42
1,2-Dichloroethane
Concen: 19.043 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 62 Resp: 46152

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.6

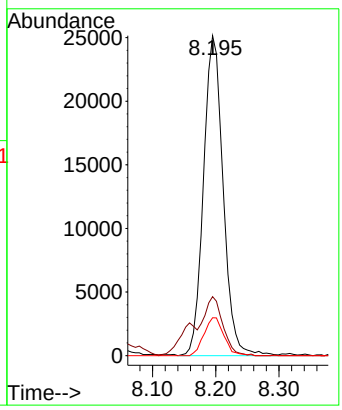




#43
Isopropyl Acetate
Concen: 19.583 ug/l
RT: 8.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 43 Resp: 5448

Ion	Ratio	Lower	Upper
43	100		
61	18.0	15.0	22.6
87	12.1	10.0	15.0



Instrument :
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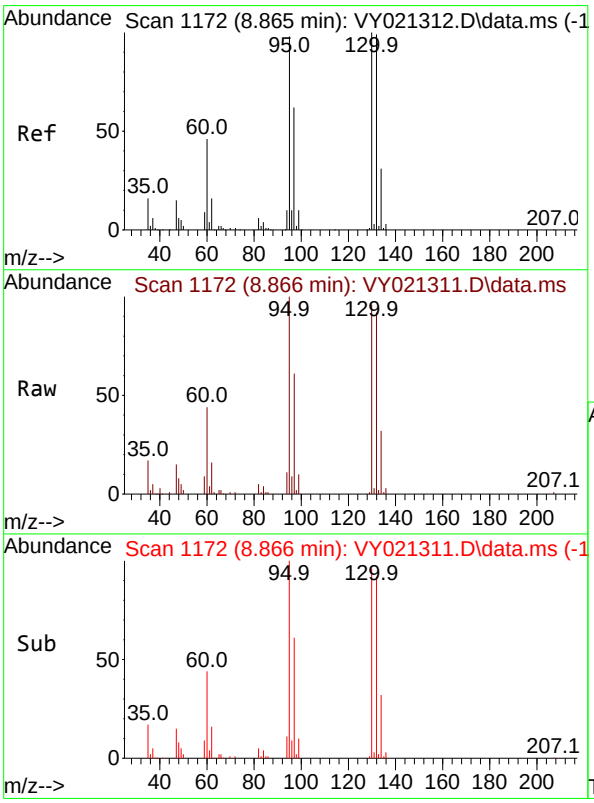
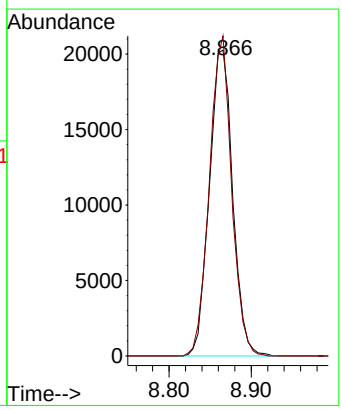
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

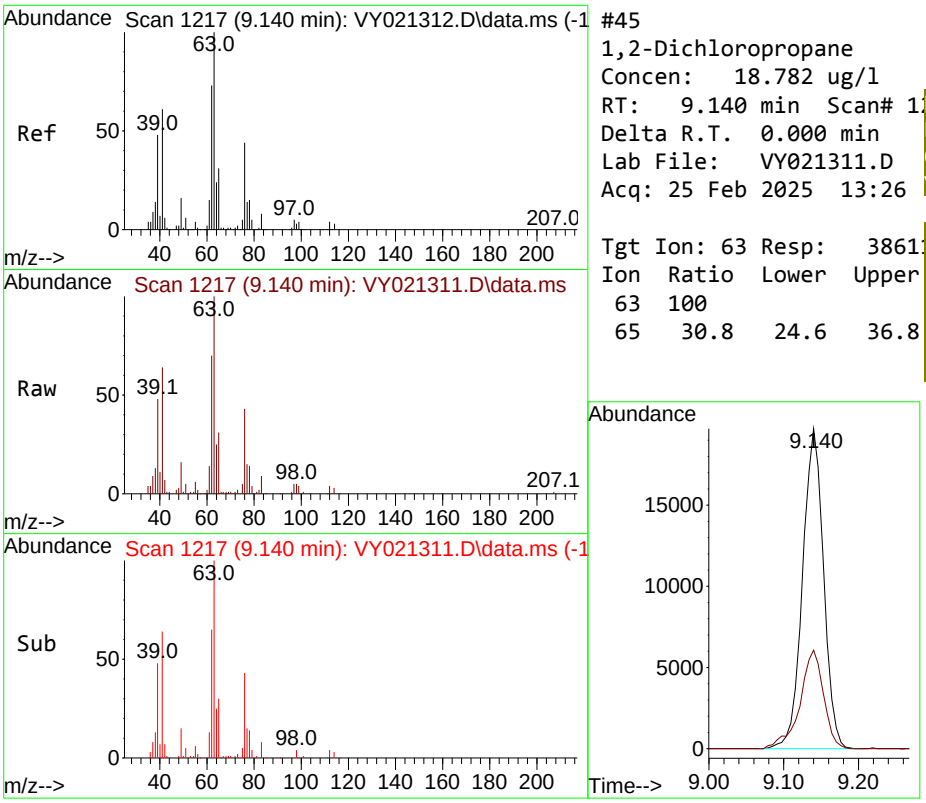


#44
Trichloroethene
Concen: 18.706 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:130 Resp: 40005

Ion	Ratio	Lower	Upper
130	100		
95	104.6	0.0	196.0





#45
1,2-Dichloropropane
Concen: 18.782 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 63 Resp: 3861

Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.6	36.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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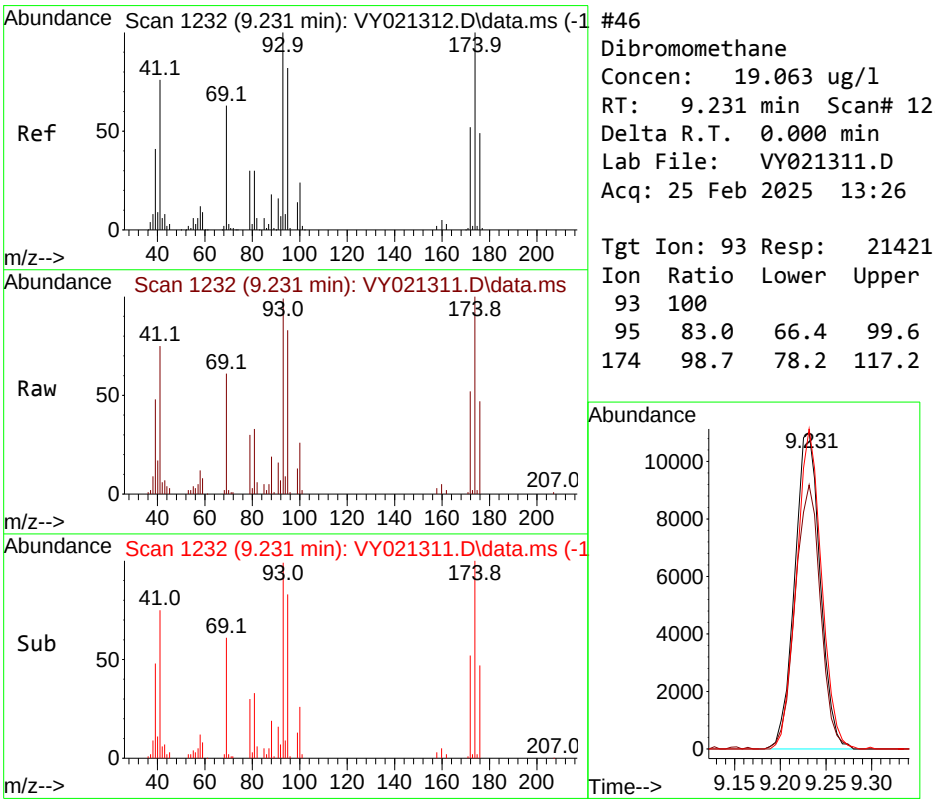
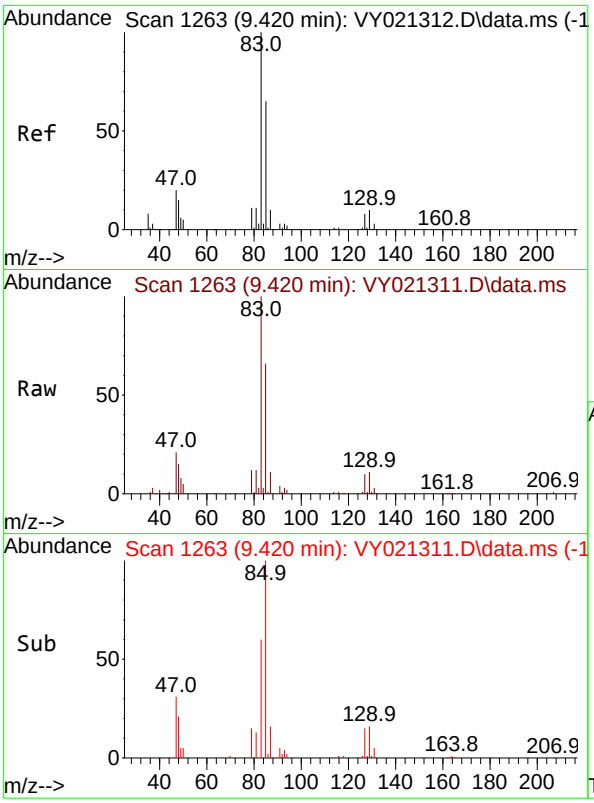
Supervised By :Mahesh Dadoda 02/26/2025



#46
Dibromomethane
Concen: 19.063 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 93 Resp: 21421

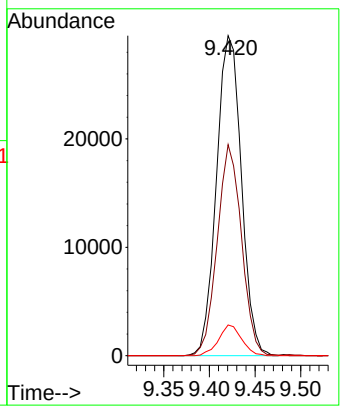
Ion	Ratio	Lower	Upper
93	100		
95	83.0	66.4	99.6
174	98.7	78.2	117.2



#47
Bromodichloromethane
Concen: 18.701 ug/l
RT: 9.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 83 Resp: 5603

Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.8	77.8
127	9.6	6.7	10.1



Instrument :
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ClientSampleId :
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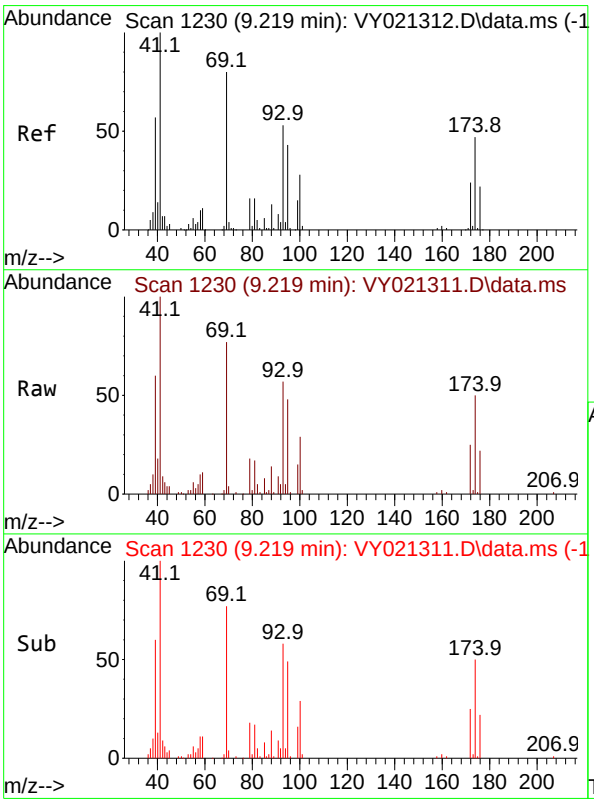
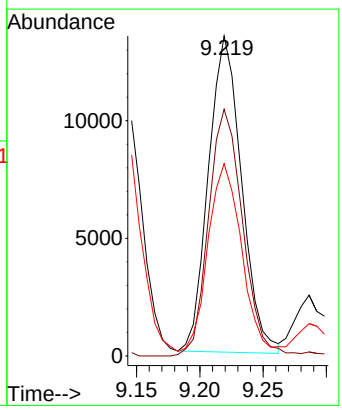
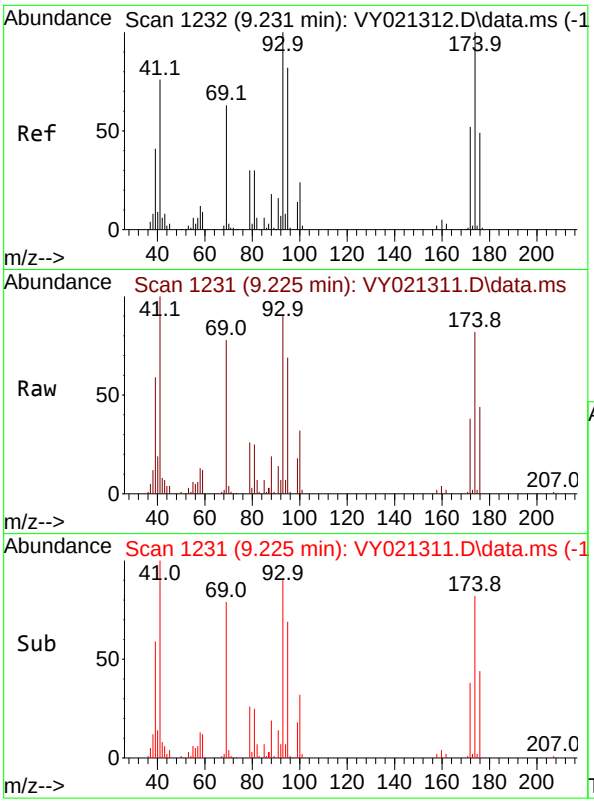


#48
Methyl methacrylate
Concen: 18.801 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 41 Resp: 24461

Ion	Ratio	Lower	Upper
41	100		
69	80.2	63.3	94.9
39	60.2	45.0	67.6

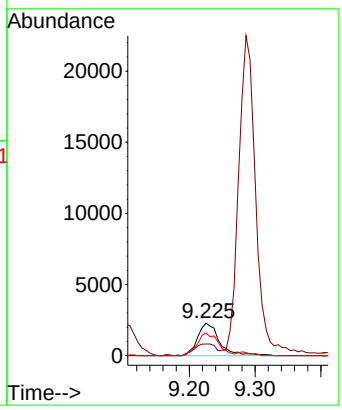




#49
1,4-Dioxane
Concen: 424.825 ug/l
RT: 9.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 88 Resp: 530

Ion	Ratio	Lower	Upper
88	100		
43	35.4	34.8	52.2
58	66.8	59.8	89.6



Instrument :
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ClientSampleId :
VSTDICC020

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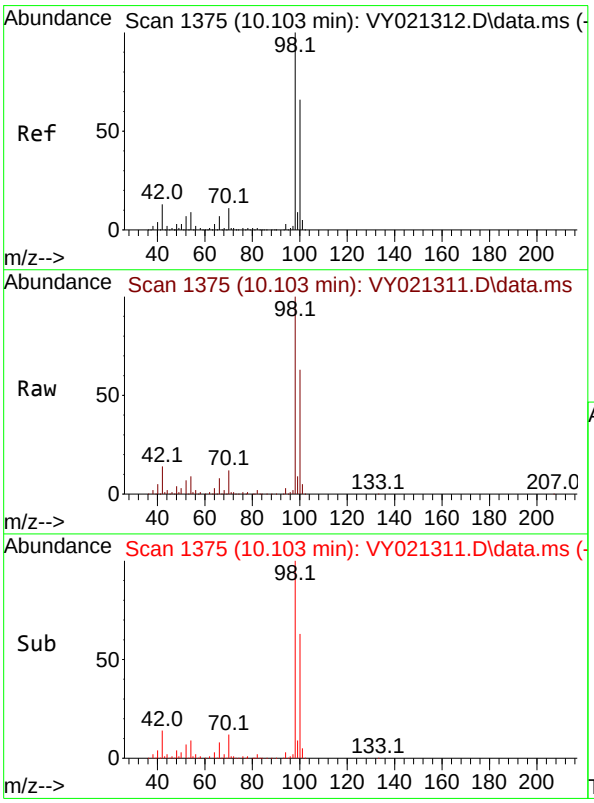
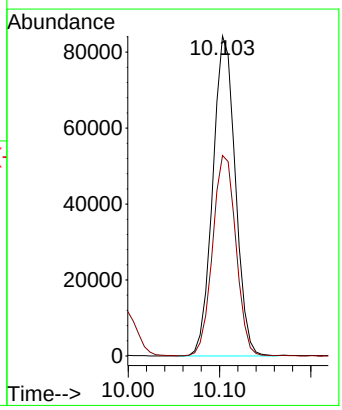
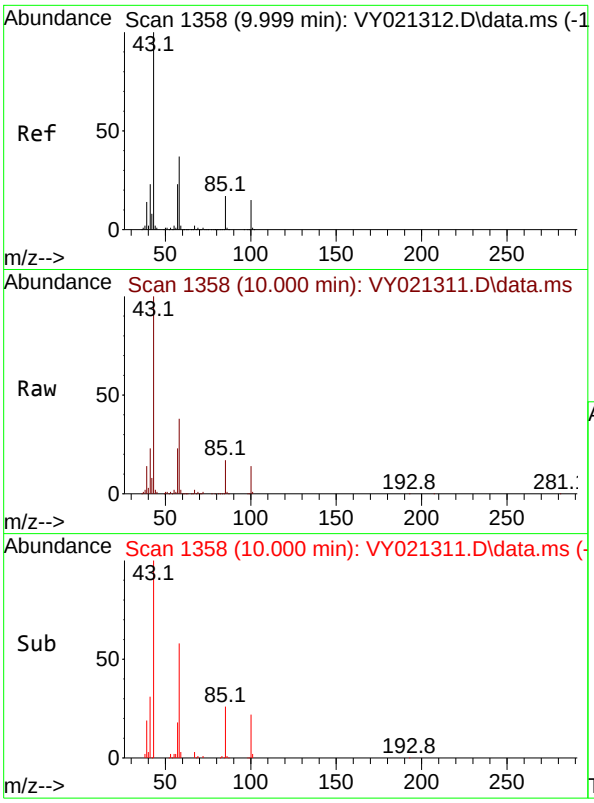


#50
Toluene-d8
Concen: 19.423 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 98 Resp: 144409

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.4	78.6

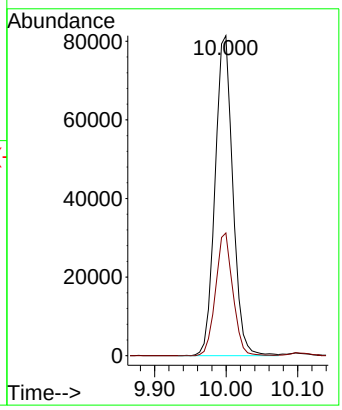




#51
4-Methyl-2-Pentanone
Concen: 98.430 ug/l
RT: 10.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 43 Resp: 14018

Ion	Ratio	Lower	Upper
43	100		
58	37.3	30.1	45.1



Instrument :
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ClientSampleId :
VSTDICC020

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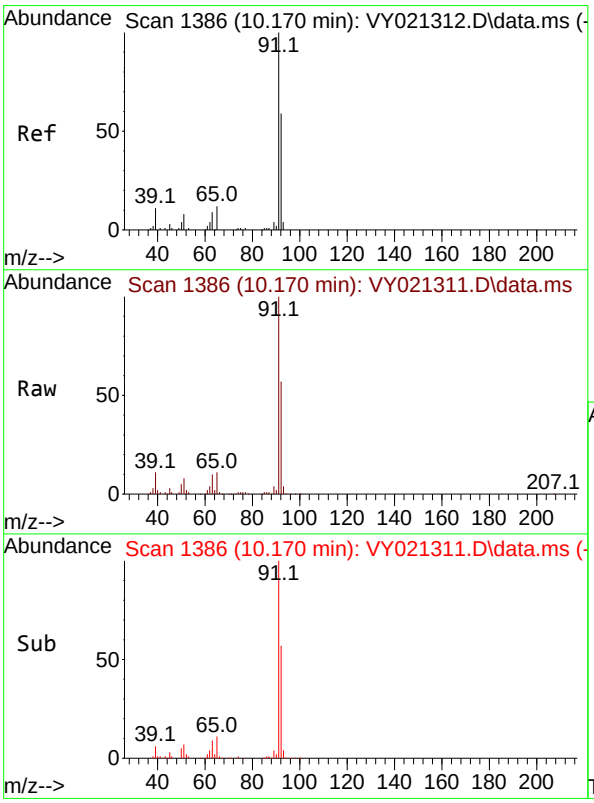
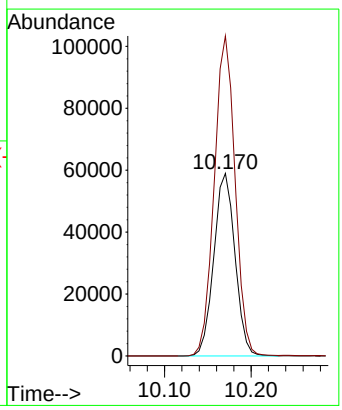
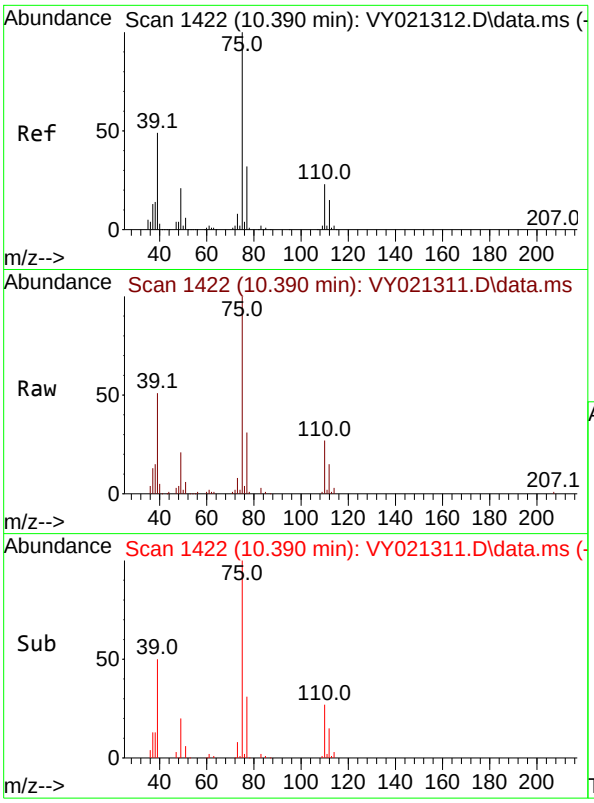


#52
Toluene
Concen: 18.854 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 92 Resp: 100050

Ion	Ratio	Lower	Upper
92	100		
91	172.8	137.8	206.8

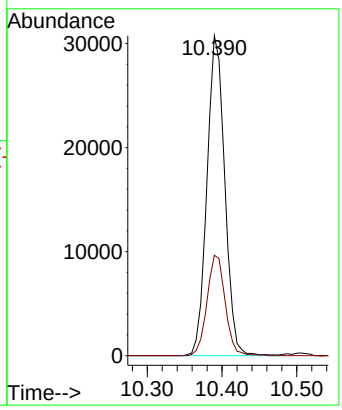




#53
t-1,3-Dichloropropene
Concen: 18.563 ug/l
RT: 10.390 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 75 Resp: 5095

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.3	37.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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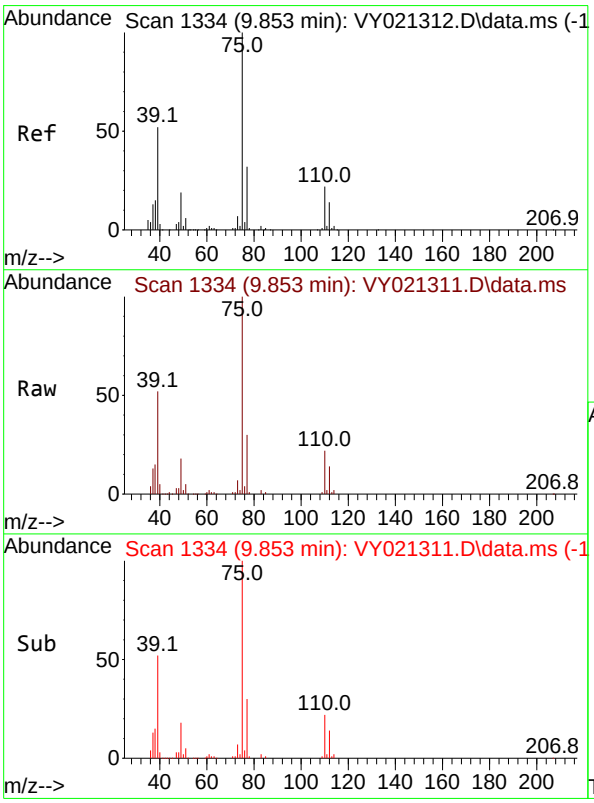
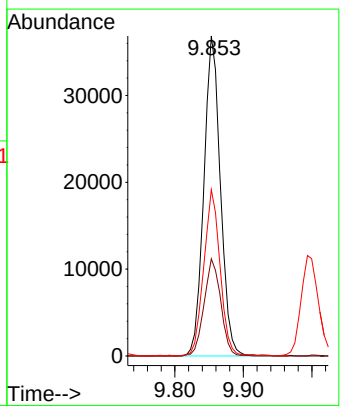
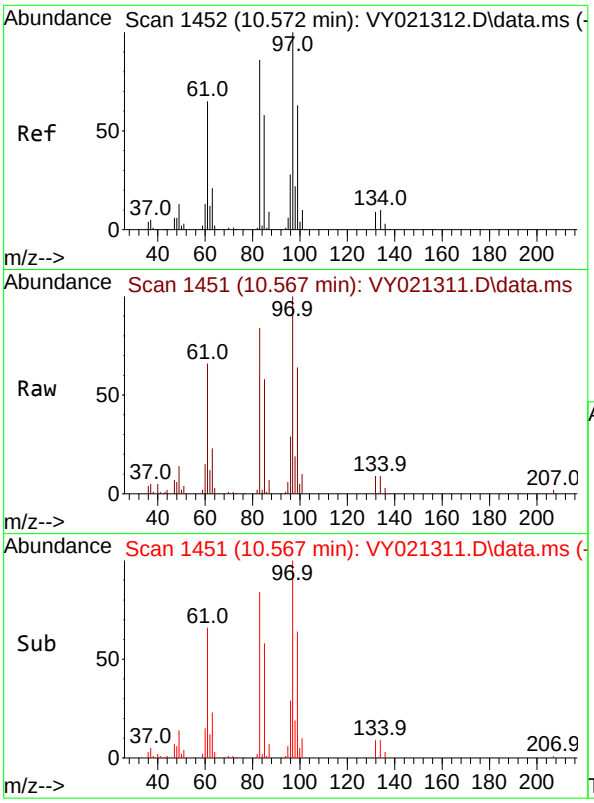


#54
cis-1,3-Dichloropropene
Concen: 19.122 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 75 Resp: 61967

Ion	Ratio	Lower	Upper
75	100		
77	30.3	25.7	38.5
39	52.0	41.8	62.6

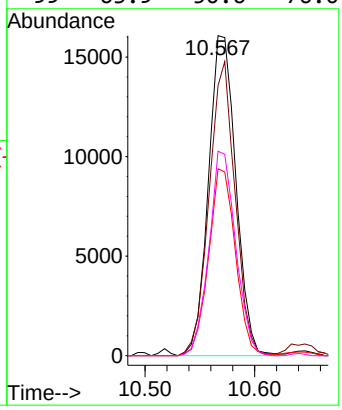




#55
1,1,2-Trichloroethane
Concen: 19.088 ug/l
RT: 10.567 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 97 Resp: 2794

Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.7	103.1
85	58.4	46.3	69.5
99	63.9	50.6	76.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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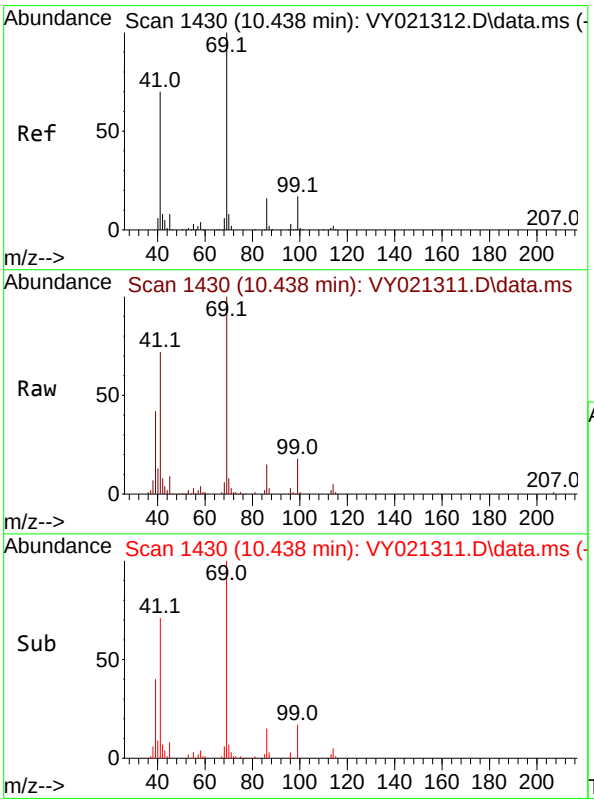
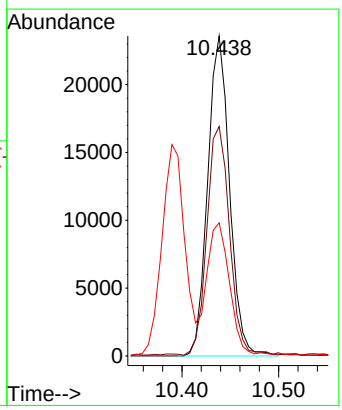
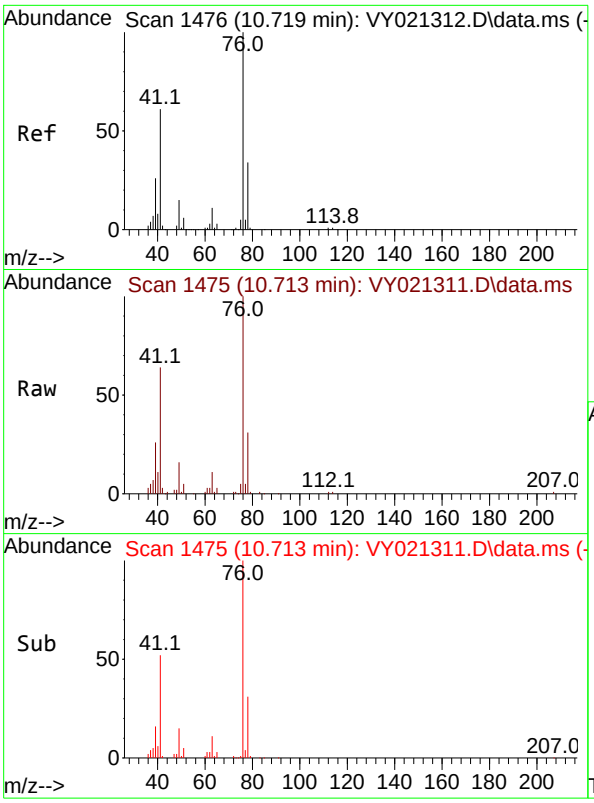


#56
Ethyl methacrylate
Concen: 18.291 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 69 Resp: 36997

Ion	Ratio	Lower	Upper
69	100		
41	74.3	56.2	84.4
39	43.9	32.7	49.1

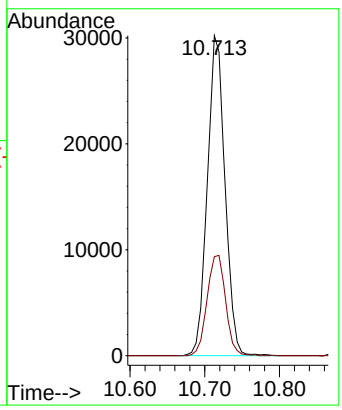




#57
1,3-Dichloropropane
Concen: 19.270 ug/l
RT: 10.713 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 76 Resp: 4949

Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.9	38.9



Instrument :
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ClientSampleId :
VSTDICC020

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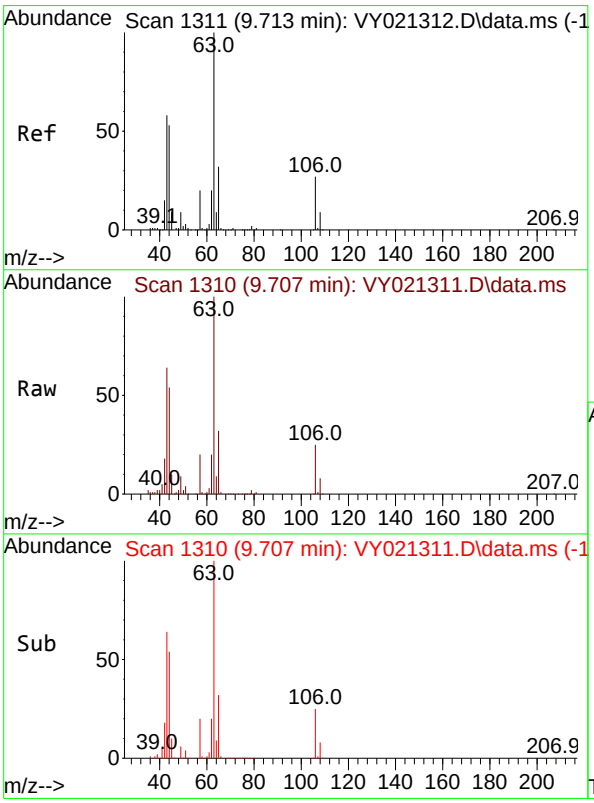
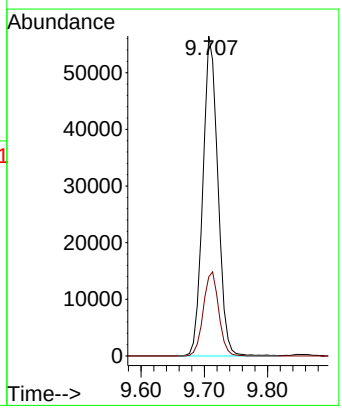
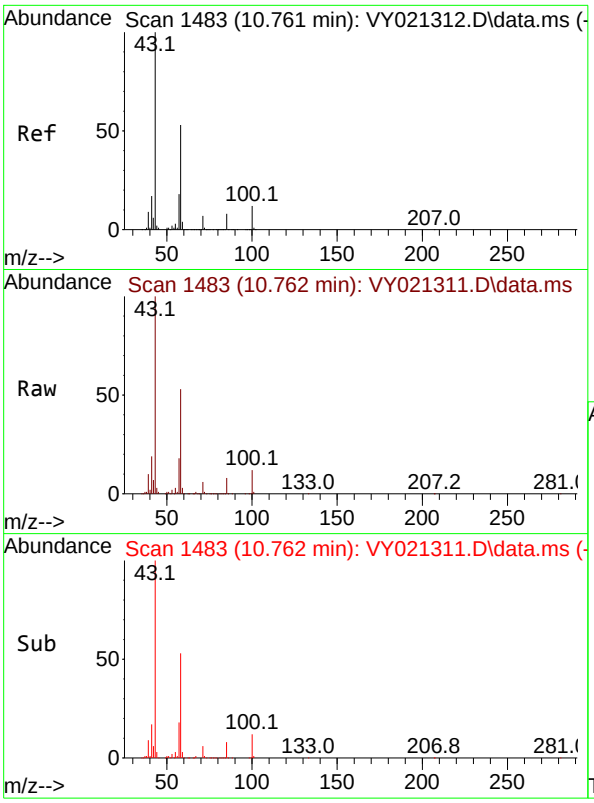


#58
2-Chloroethyl Vinyl ether
Concen: 96.179 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 63 Resp: 93377

Ion	Ratio	Lower	Upper
63	100		
106	26.9	21.7	32.5





#59
2-Hexanone
Concen: 97.163 ug/l
RT: 10.762 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 43 Resp: 9088

Ion	Ratio	Lower	Upper
43	100		
58	51.7	25.9	77.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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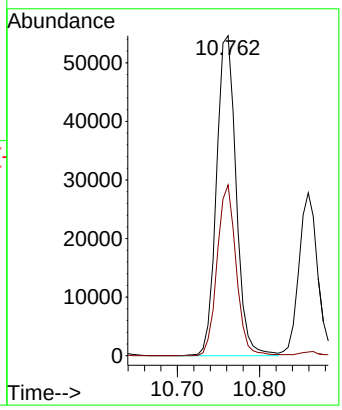
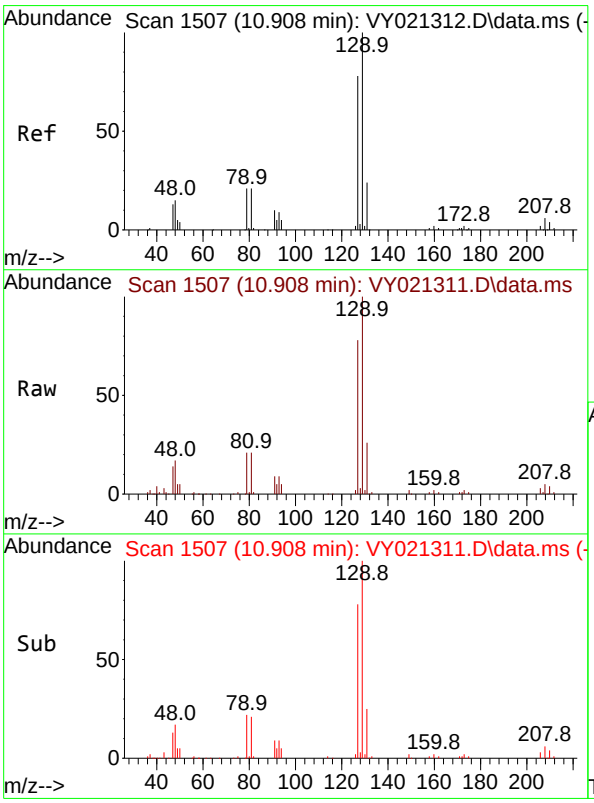
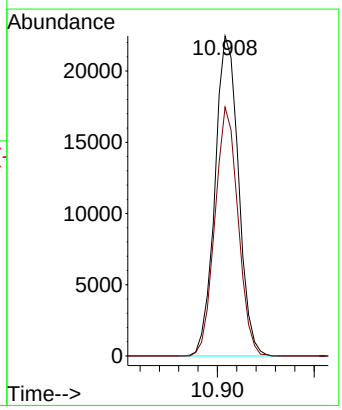


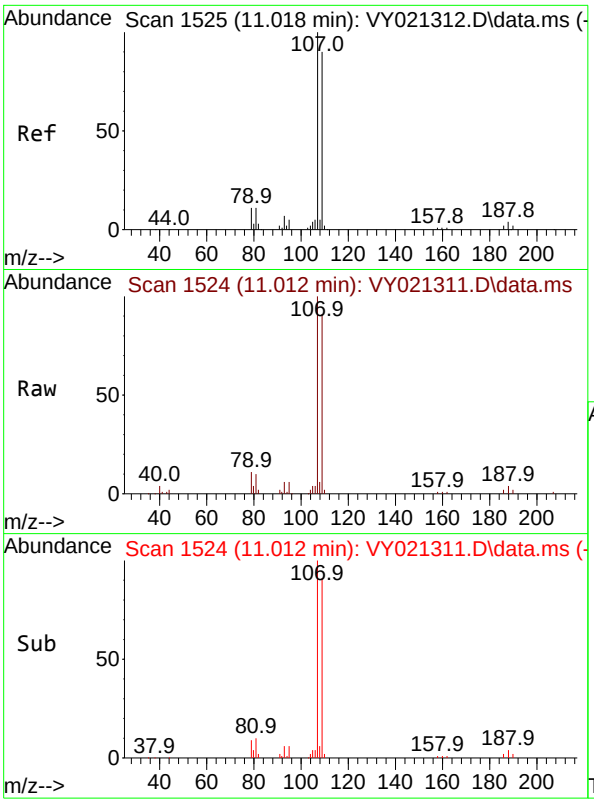


#60
Dibromochloromethane
Concen: 18.964 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:129 Resp: 37808

Ion	Ratio	Lower	Upper
129	100		
127	76.5	38.8	116.4

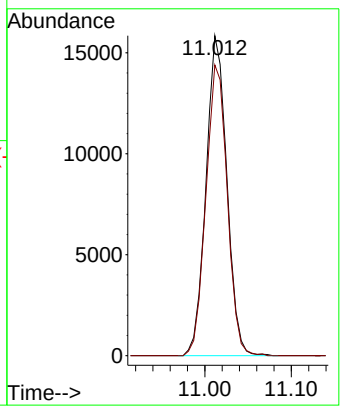




#61
1,2-Dibromoethane
Concen: 19.135 ug/l
RT: 11.012 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:107 Resp: 2651

Ion	Ratio	Lower	Upper
107	100		
109	92.9	73.8	110.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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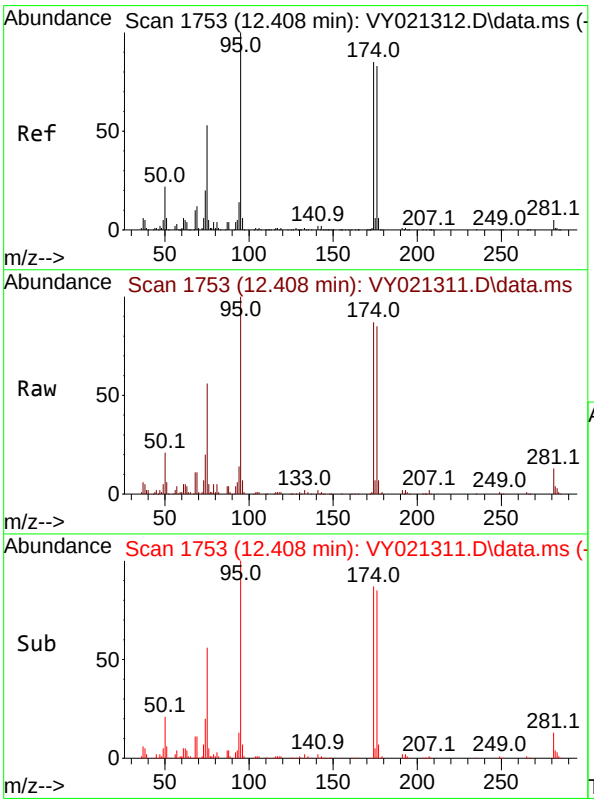
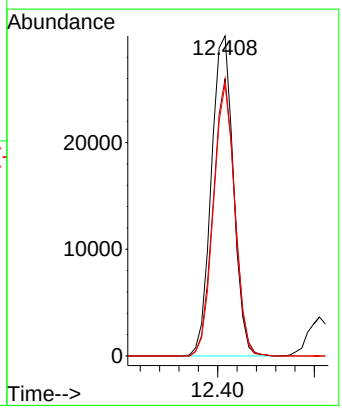
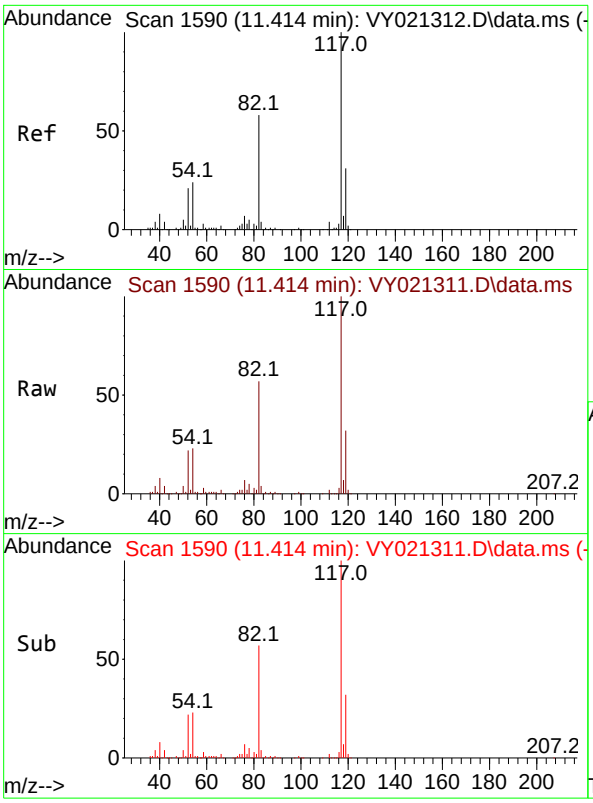


#62
4-Bromofluorobenzene
Concen: 18.950 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 95 Resp: 47417

Ion	Ratio	Lower	Upper
95	100		
174	84.5	0.0	168.0
176	82.0	0.0	162.6

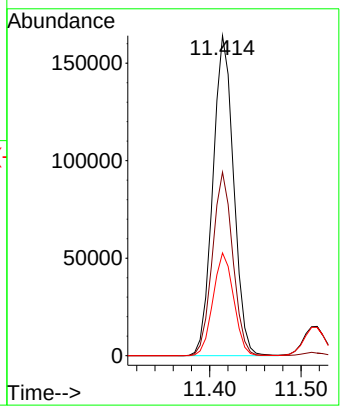




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:117 Resp: 25889

Ion	Ratio	Lower	Upper
117	100		
82	57.3	46.2	69.4
119	32.1	24.9	37.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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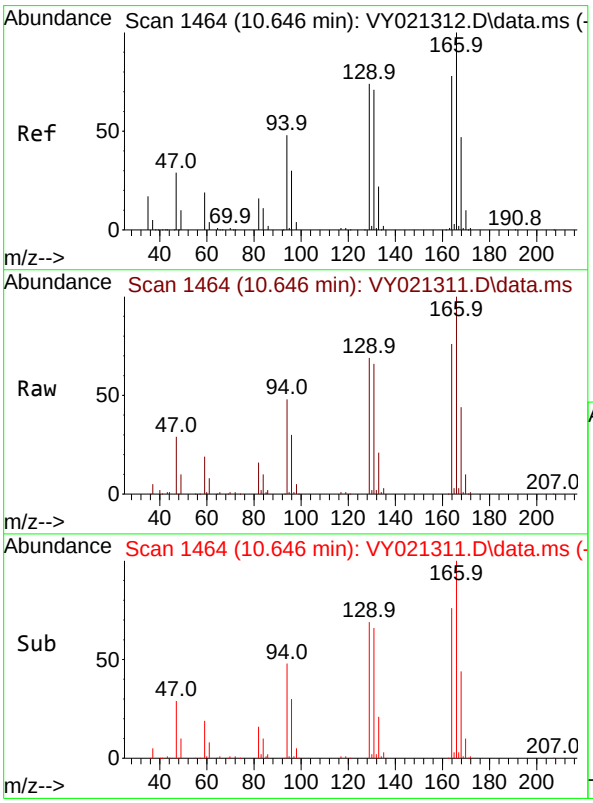
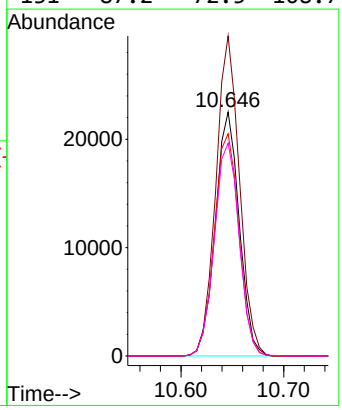
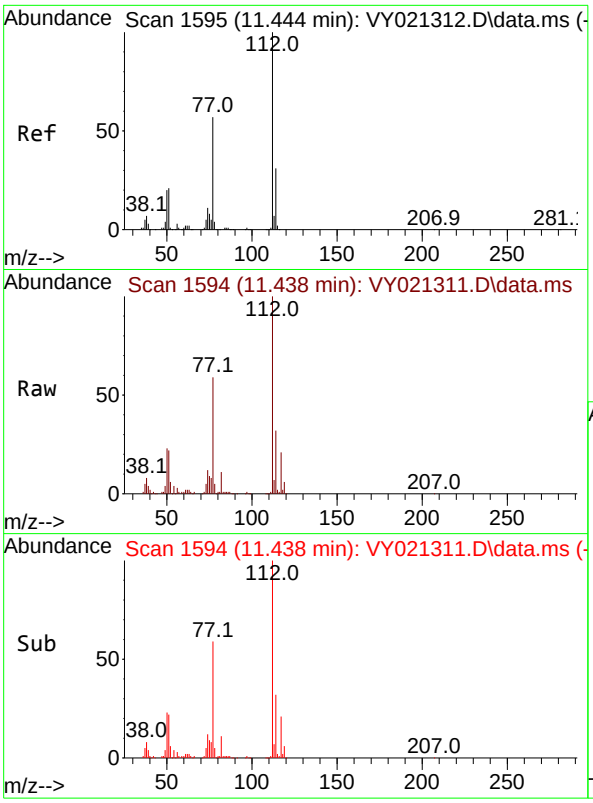


#64
Tetrachloroethene
Concen: 18.595 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:164 Resp: 36387

Ion	Ratio	Lower	Upper
164	100		
166	131.1	101.9	152.9
129	91.1	75.5	113.3
131	87.2	72.5	108.7

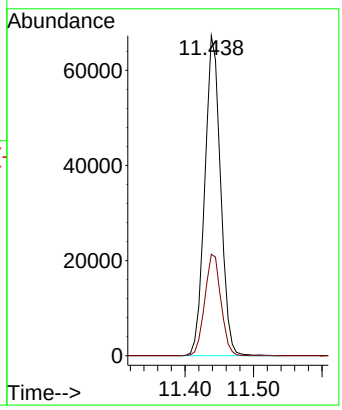




#65
Chlorobenzene
Concen: 18.519 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:112 Resp: 10762

Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.0	37.6



Instrument :
MSVOA_Y
ClientSampleId :
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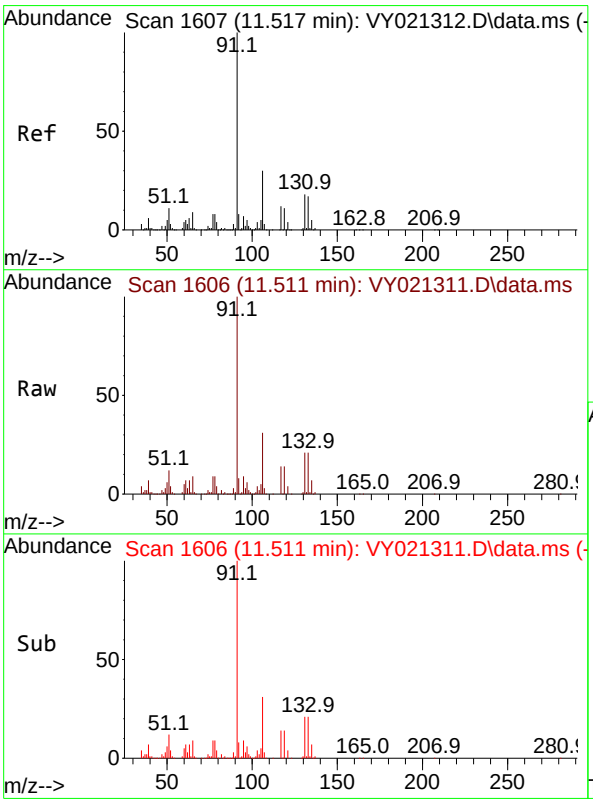
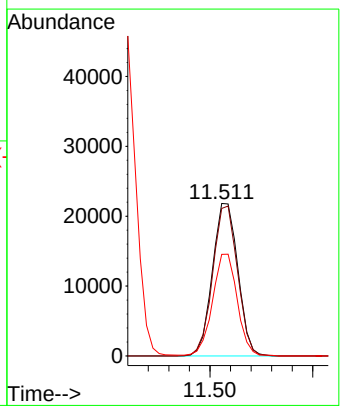
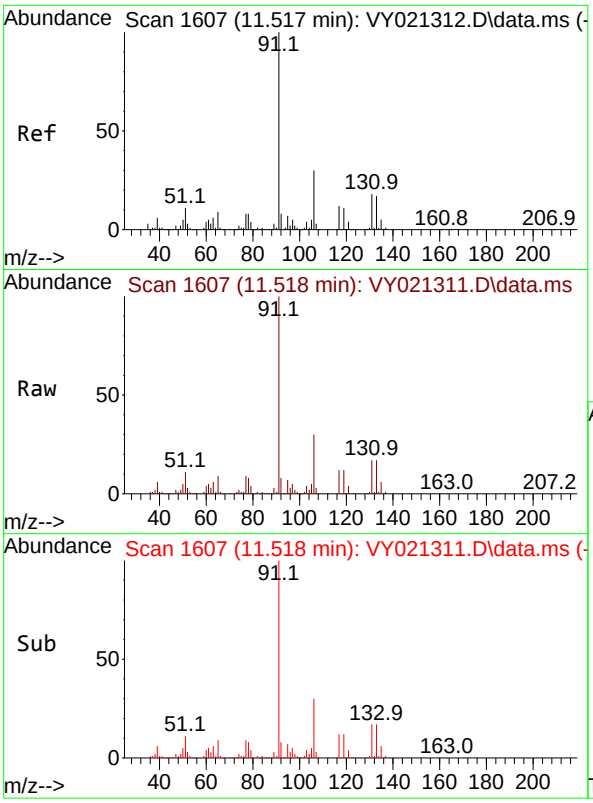


#66
1,1,1,2-Tetrachloroethane
Concen: 18.422 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:131 Resp: 37487

Ion	Ratio	Lower	Upper
131	100		
133	96.3	47.9	143.6
119	65.1	31.7	95.1

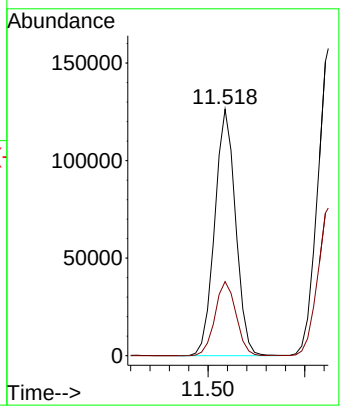




#67
Ethyl Benzene
Concen: 18.366 ug/l
RT: 11.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 91 Resp: 18905

Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.4	36.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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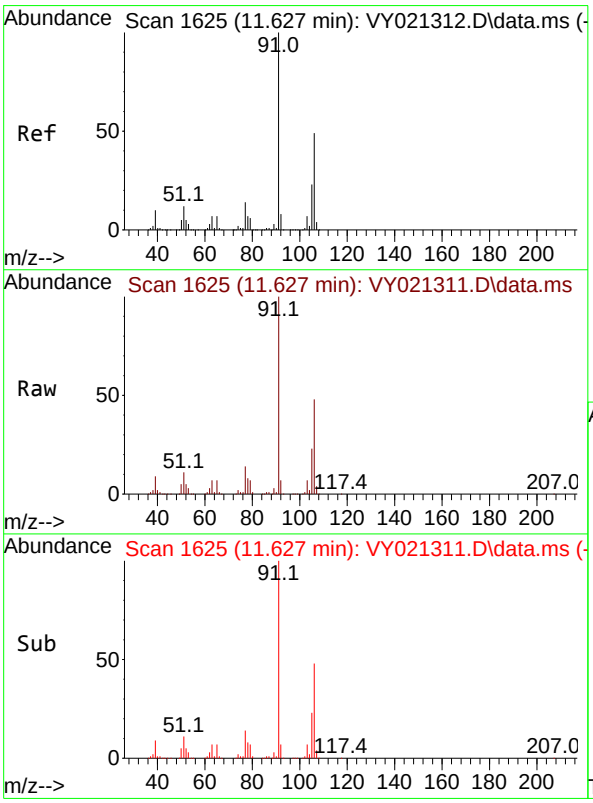
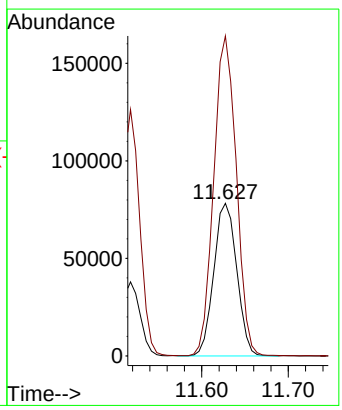
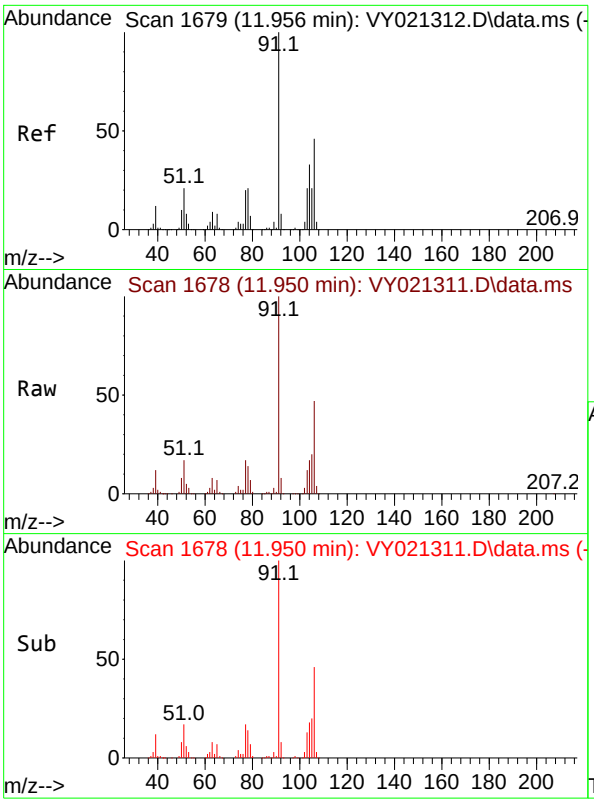


#68
m/p-Xylenes
Concen: 37.210 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:106 Resp: 144073

Ion	Ratio	Lower	Upper
106	100		
91	205.9	163.9	245.9





#69
o-Xylene
Concen: 18.488 ug/l
RT: 11.950 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:106 Resp: 6706

Ion	Ratio	Lower	Upper
106	100		
91	216.5	108.1	324.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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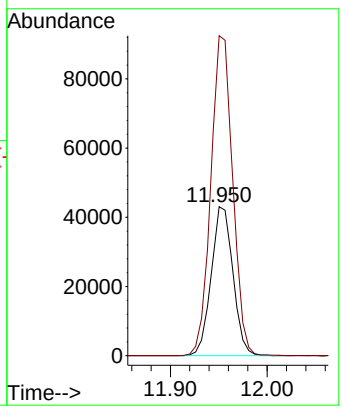
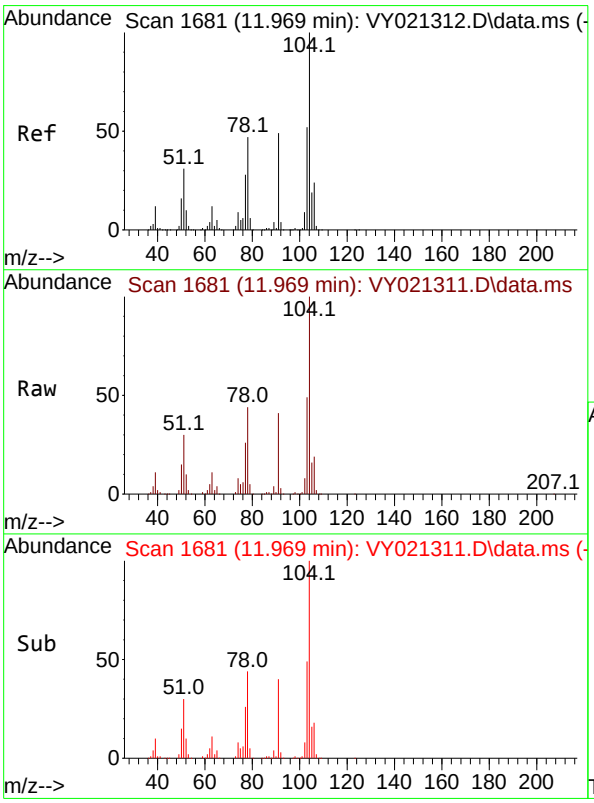
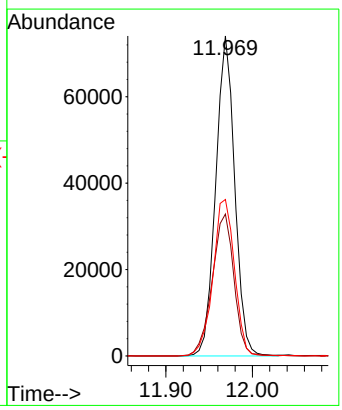


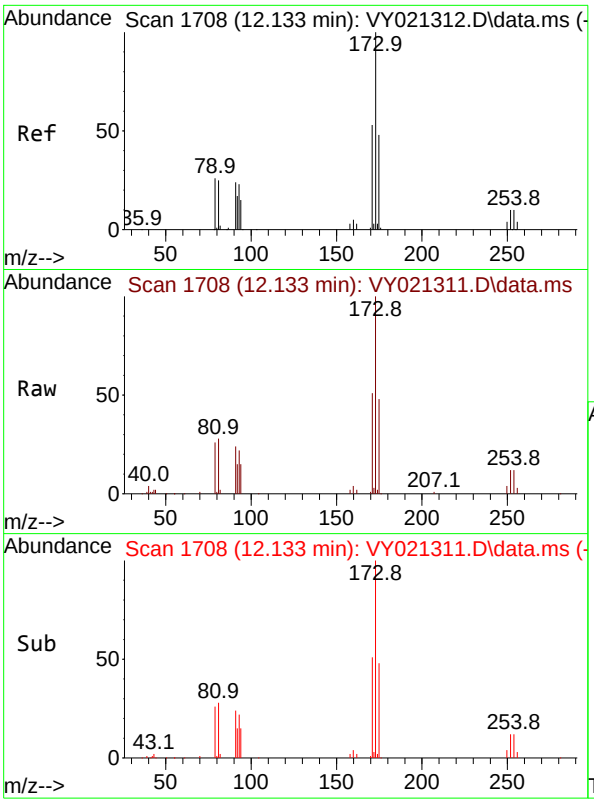


#70
Styrene
Concen: 18.729 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:104 Resp: 113033

Ion	Ratio	Lower	Upper
104	100		
78	50.7	41.3	61.9
103	55.5	43.9	65.9

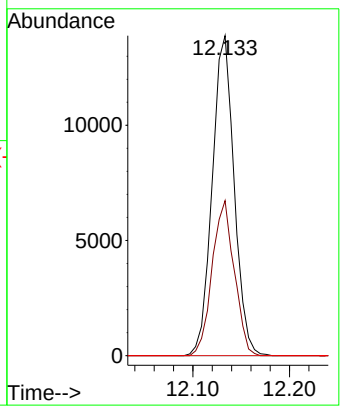




#71
Bromoform
Concen: 18.800 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:173 Resp: 2188

Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.1	72.3
254	0.0	0.1	0.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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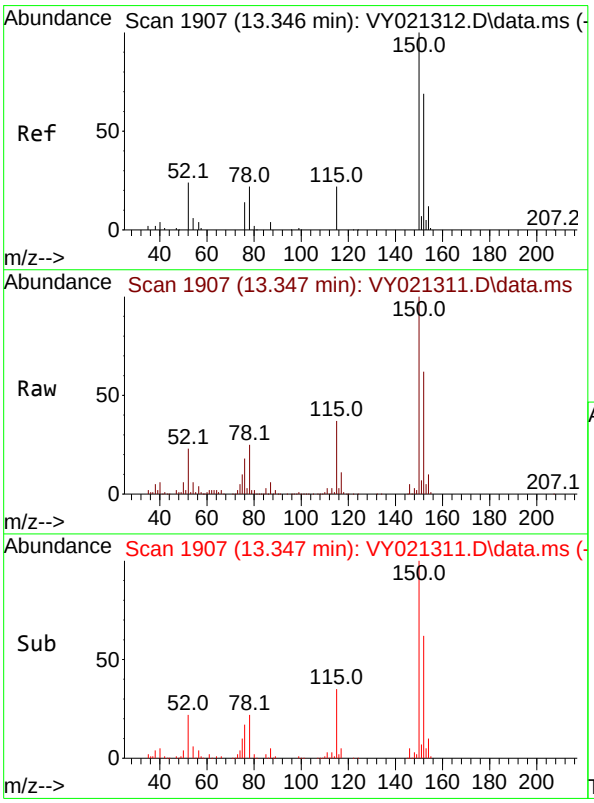
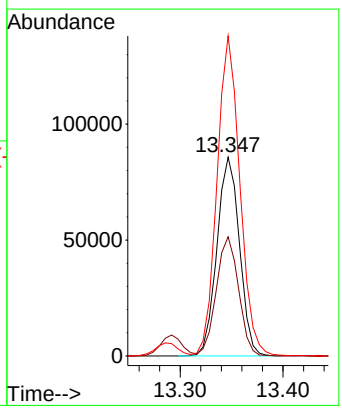
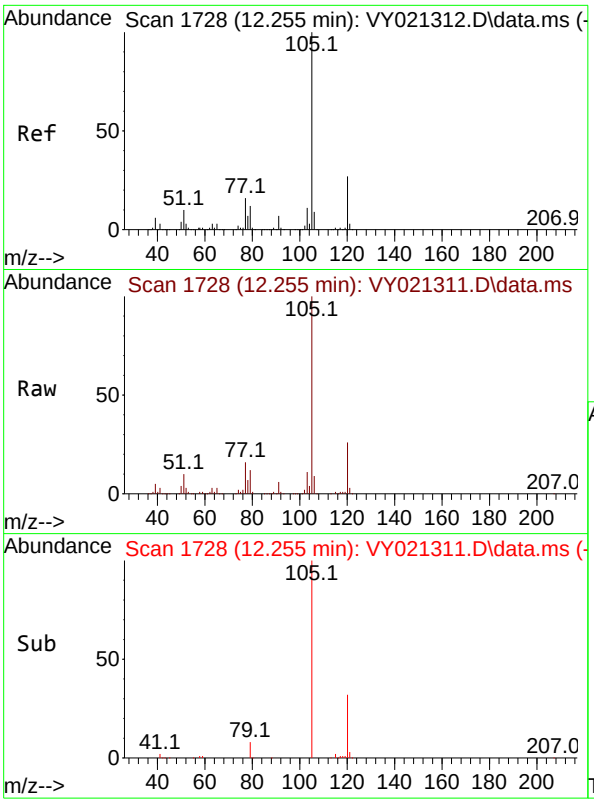


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:152 Resp: 130546

Ion	Ratio	Lower	Upper
152	100		
115	59.3	29.3	88.0
150	163.4	0.0	347.4

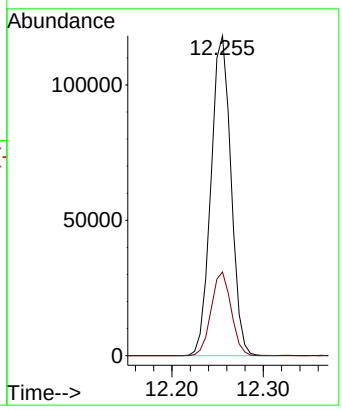




#73
Isopropylbenzene
Concen: 18.288 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:105 Resp: 17948

Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.3	39.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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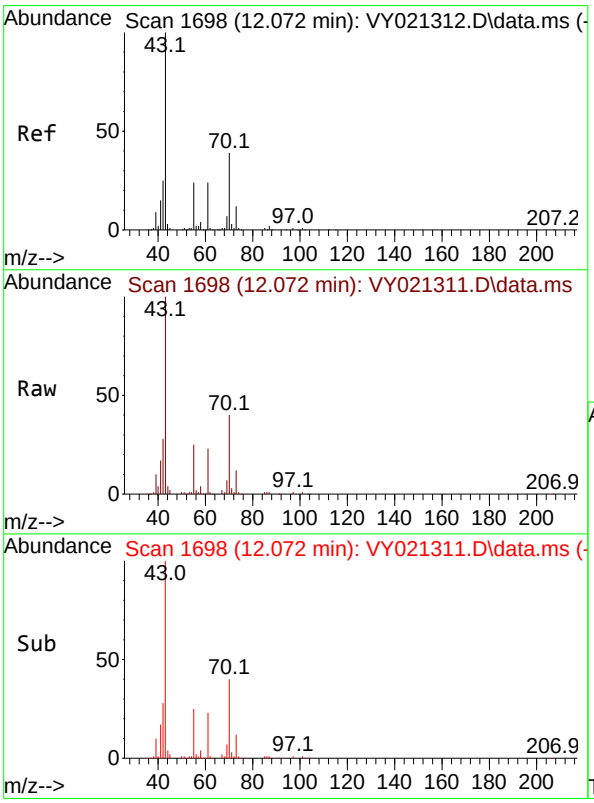
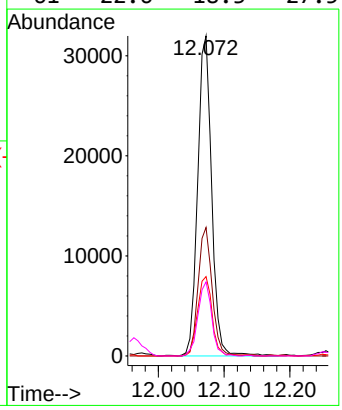
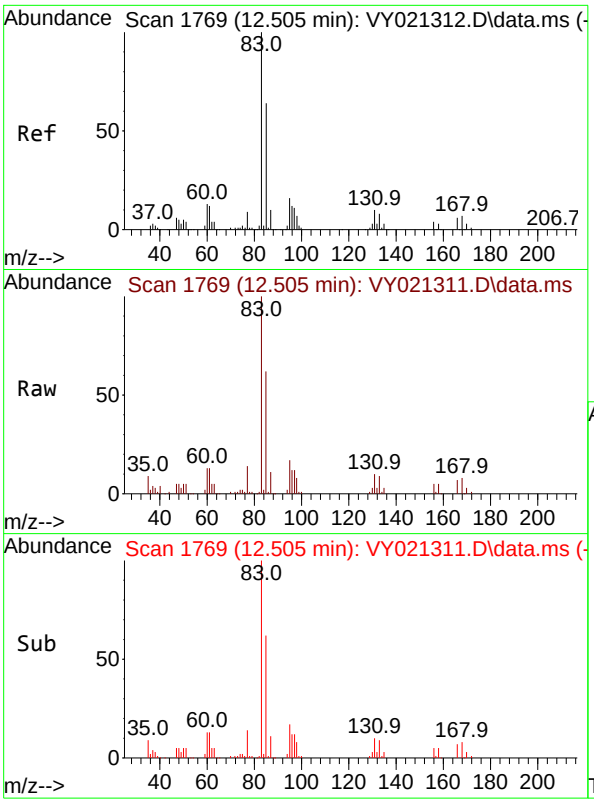


#74
N-amyl acetate
Concen: 18.930 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 43 Resp: 47224

Ion	Ratio	Lower	Upper
43	100		
70	40.3	32.2	48.2
55	25.6	19.6	29.4
61	22.6	18.3	27.5

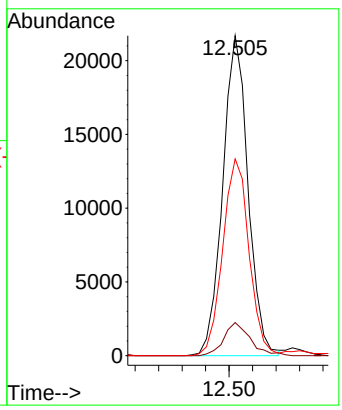




#75
1,1,2,2-Tetrachloroethane
Concen: 18.717 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 83 Resp: 3241

Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.2	15.6
85	63.8	32.0	96.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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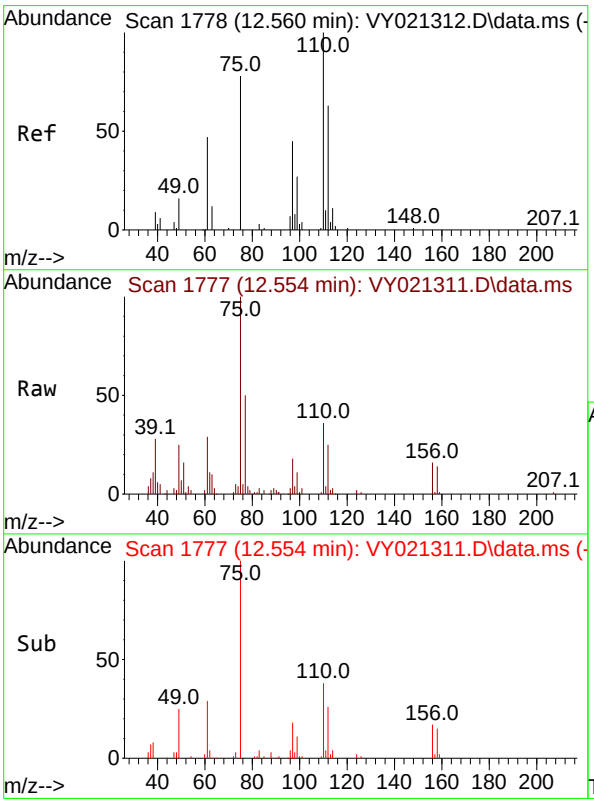
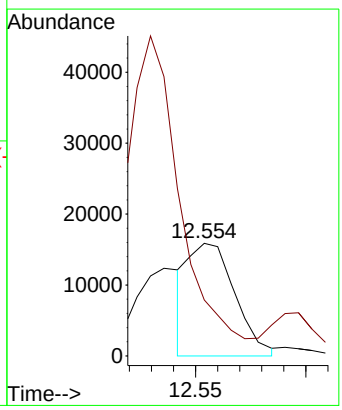
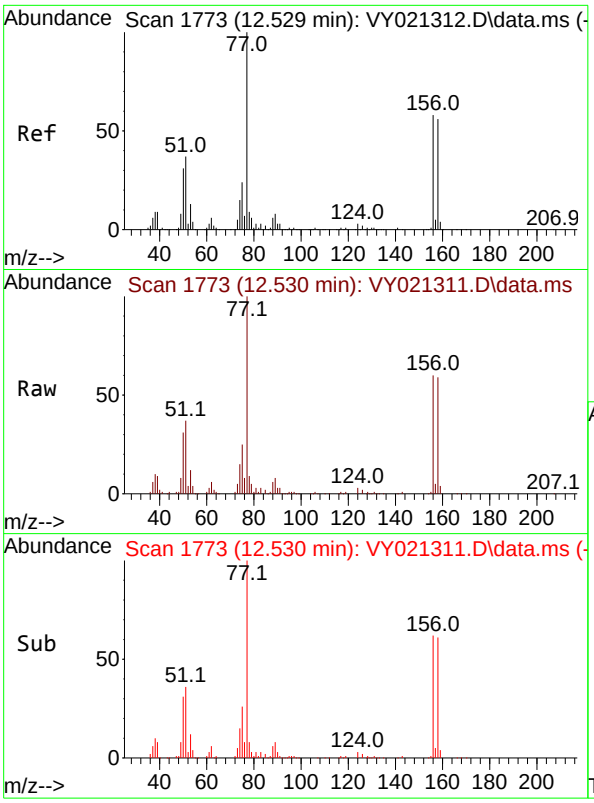


#76
1,2,3-Trichloropropane
Concen: 17.801 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 75 Resp: 23402

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

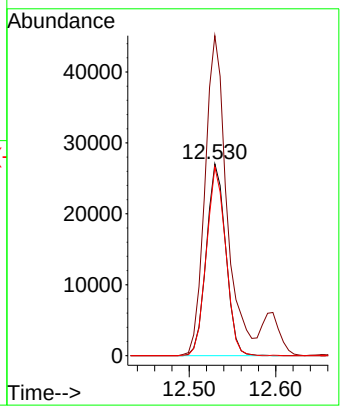




#77
Bromobenzene
Concen: 18.433 ug/l
RT: 12.530 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:156 Resp: 4207

Ion	Ratio	Lower	Upper
156	100		
77	186.1	94.0	282.1
158	97.9	48.7	146.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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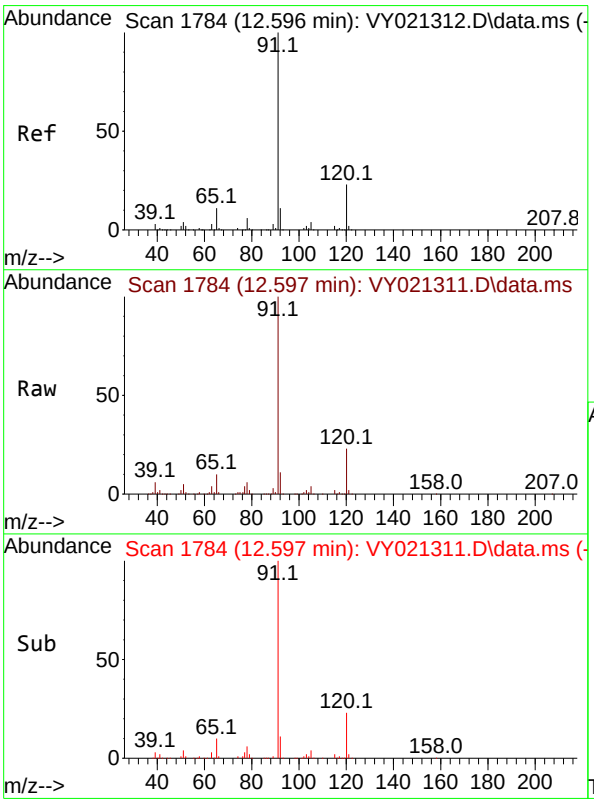
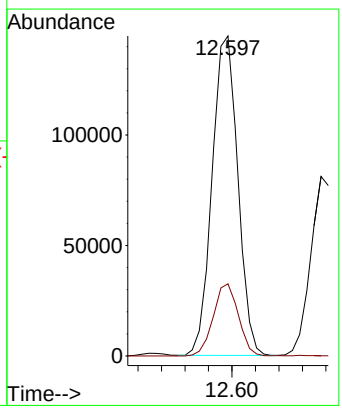
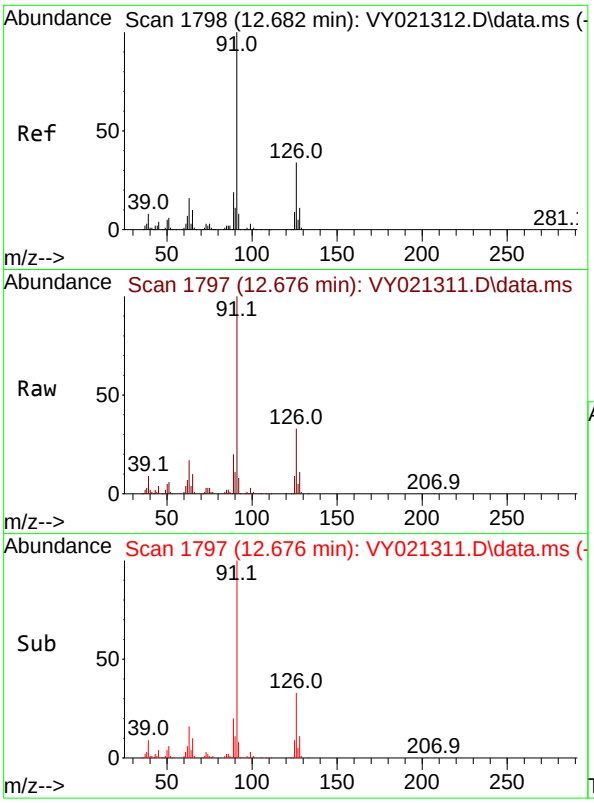


#78
n-propylbenzene
Concen: 18.486 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 91 Resp: 220158

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.2	33.5

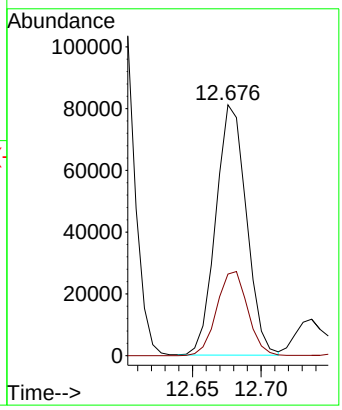




#79
2-Chlorotoluene
Concen: 18.430 ug/l
RT: 12.676 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 91 Resp: 12596

Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.9	50.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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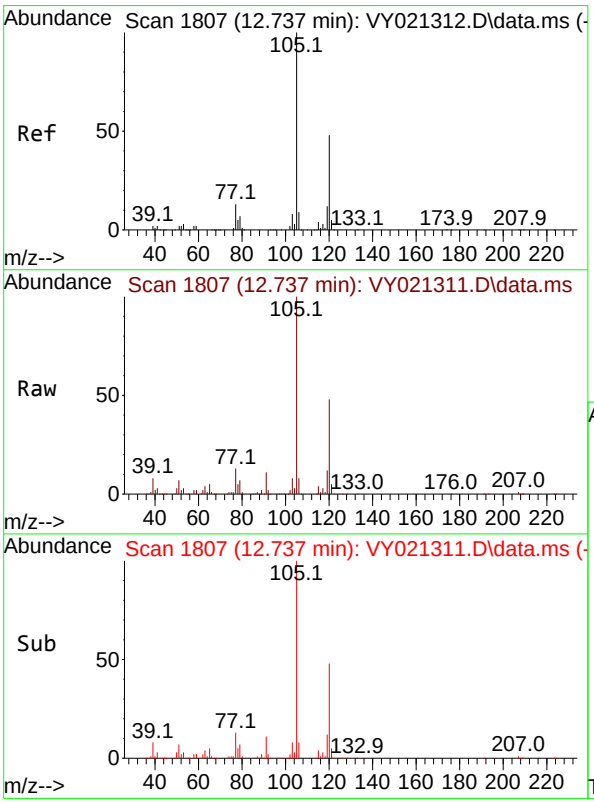
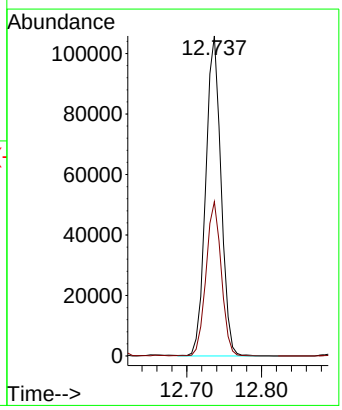
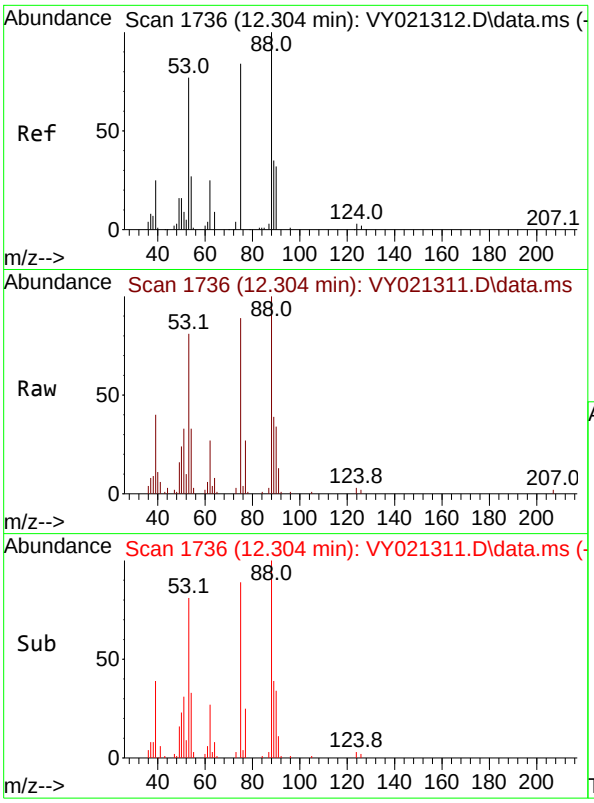


#80
1,3,5-Trimethylbenzene
Concen: 18.635 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:105 Resp: 150004

Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.3	73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 18.483 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 75 Resp: 1086

Ion	Ratio	Lower	Upper
75	100		
53	100.2	79.1	118.7
89	44.9	35.6	53.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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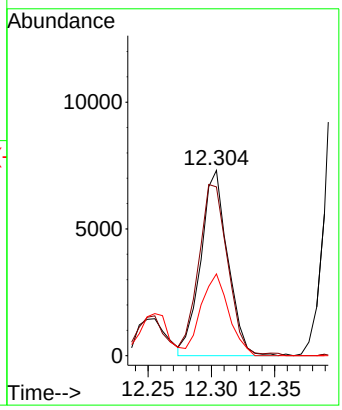
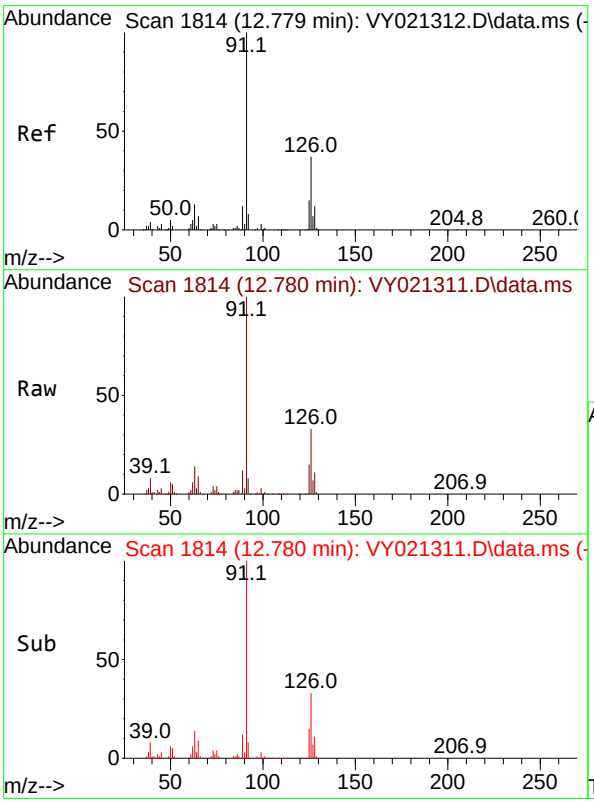
Supervised By :Mahesh Dadoda 02/26/2025

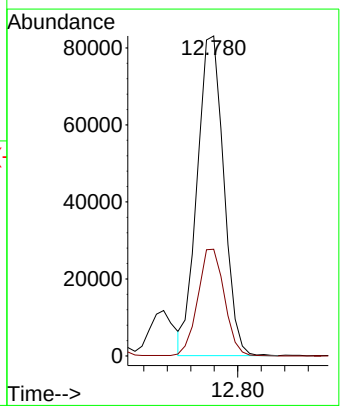


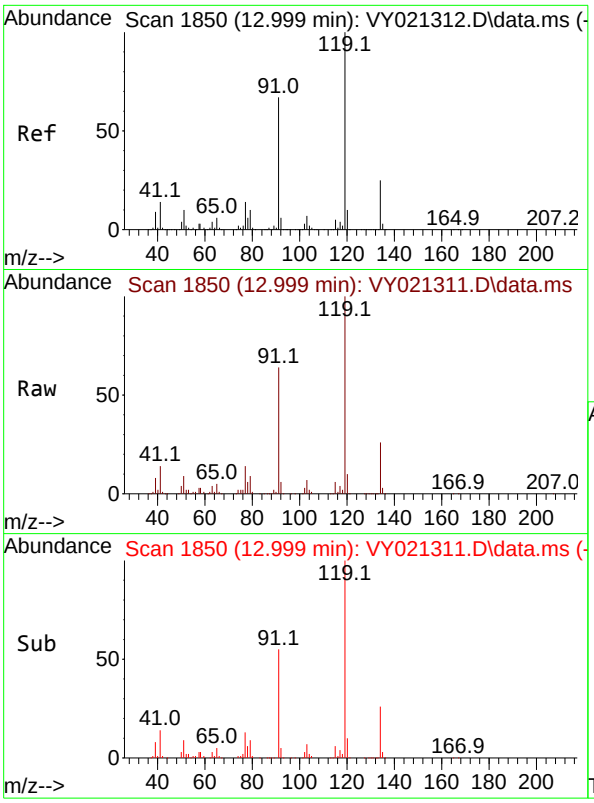


#82
4-Chlorotoluene
Concen: 18.396 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 91 Resp: 130335

Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.8	50.4

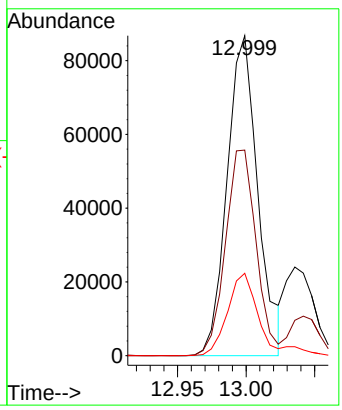




#83
tert-Butylbenzene
Concen: 18.681 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:119 Resp: 13582

Ion	Ratio	Lower	Upper
119	100		
91	64.0	32.7	98.1
134	26.8	13.3	39.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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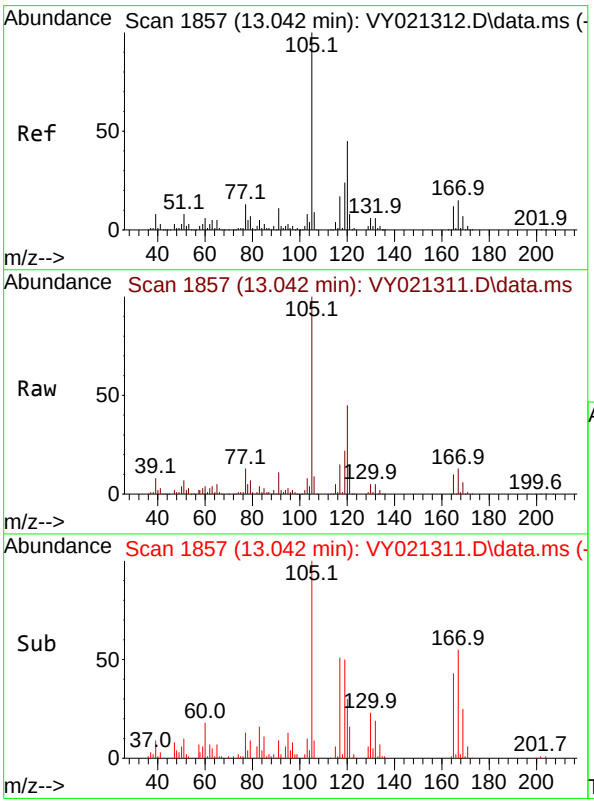
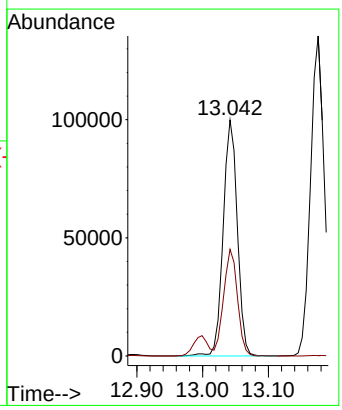
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

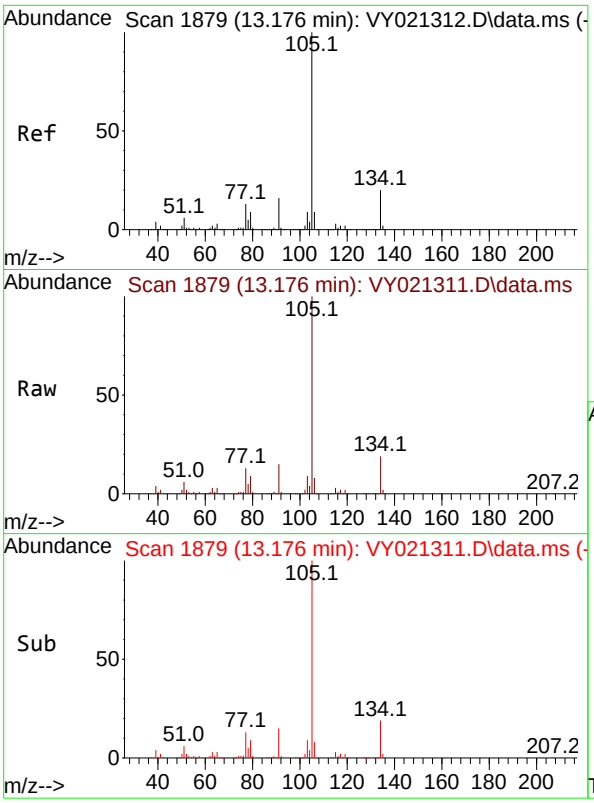


#84
1,2,4-Trimethylbenzene
Concen: 18.657 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:105 Resp: 149358

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.4	67.3

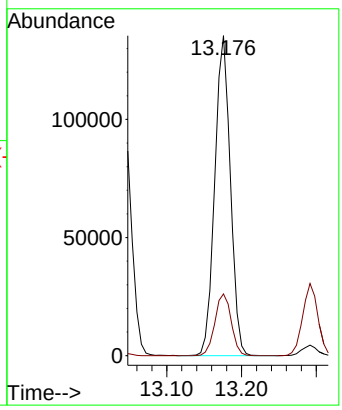




#85
sec-Butylbenzene
Concen: 18.486 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:105 Resp: 19633

Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.0	30.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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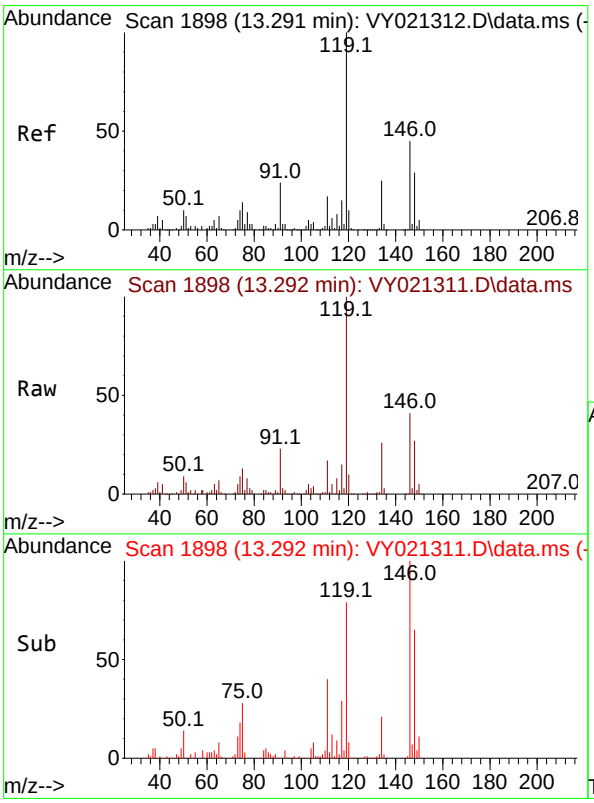
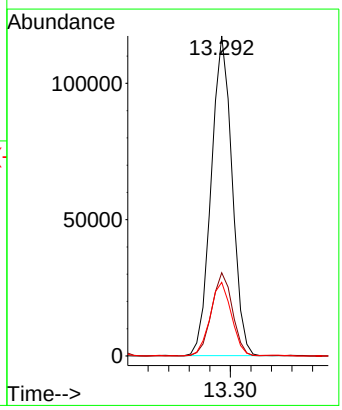
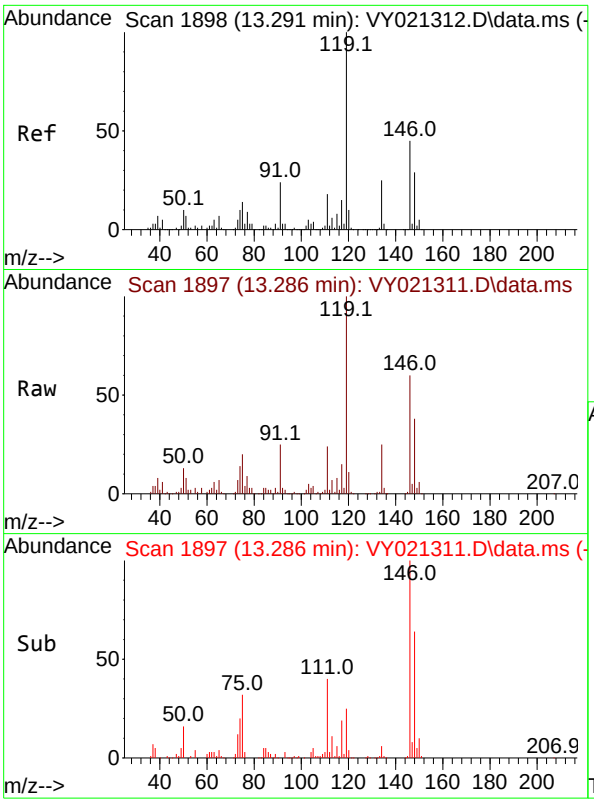


#86
p-Isopropyltoluene
Concen: 18.620 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:119 Resp: 165127

Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.0	38.9
91	23.5	12.0	36.1

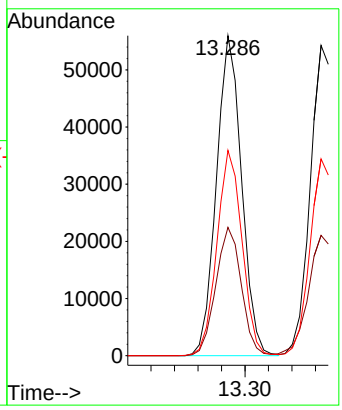




#87
1,3-Dichlorobenzene
Concen: 18.483 ug/l
RT: 13.286 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:146 Resp: 8346

Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.0	59.9
148	64.0	31.9	95.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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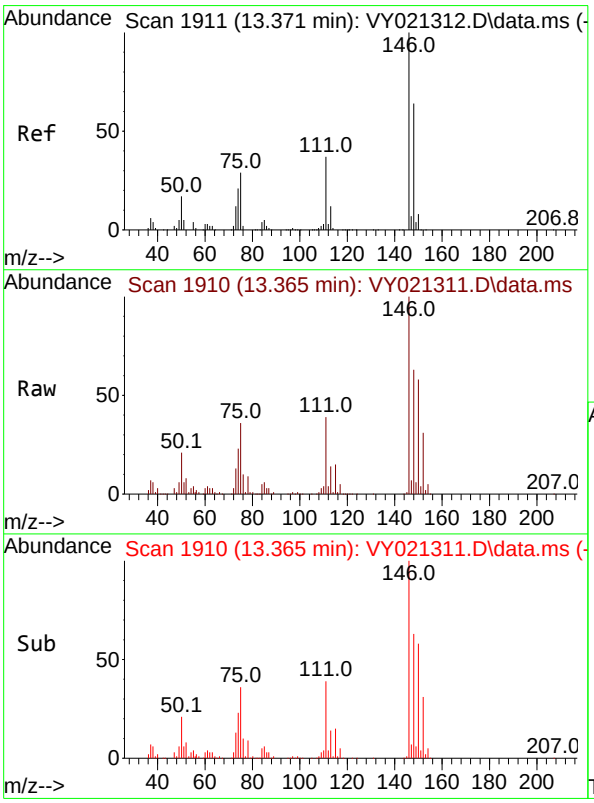
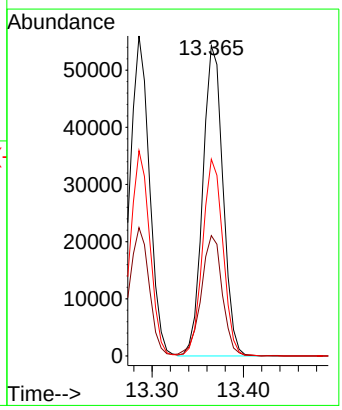
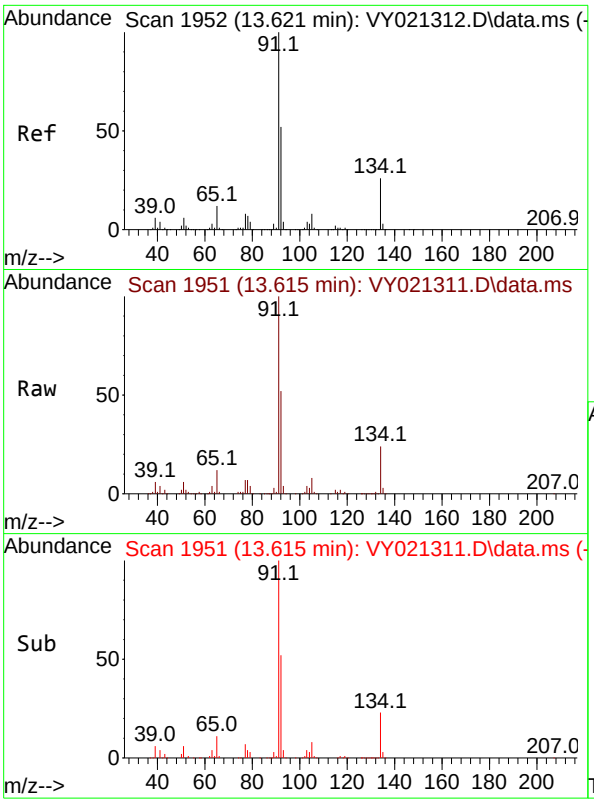


#88
1,4-Dichlorobenzene
Concen: 18.646 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:146 Resp: 83179

Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.5	58.5
148	63.9	32.0	96.2

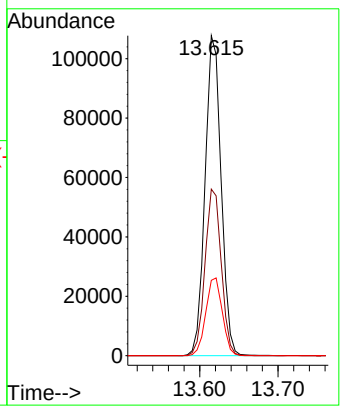




#89
n-Butylbenzene
Concen: 18.337 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 91 Resp: 15303

Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.4	79.2
134	25.0	12.7	38.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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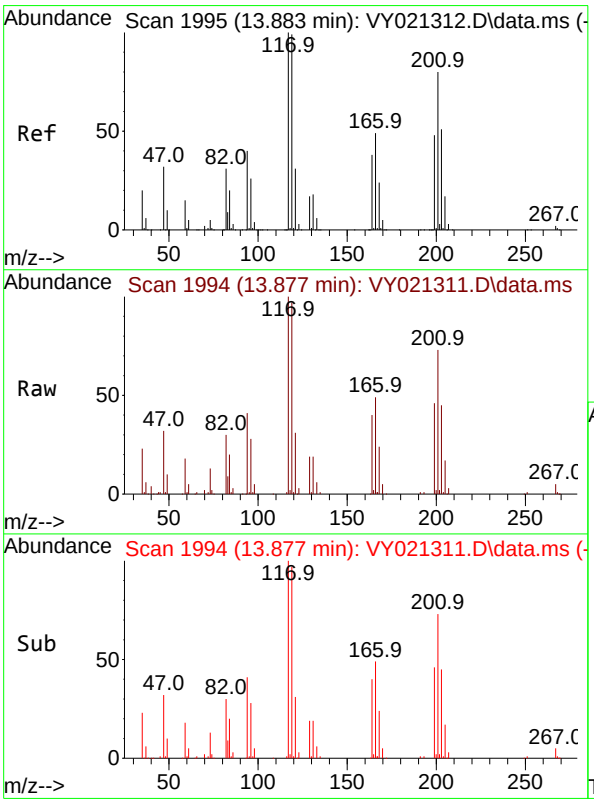
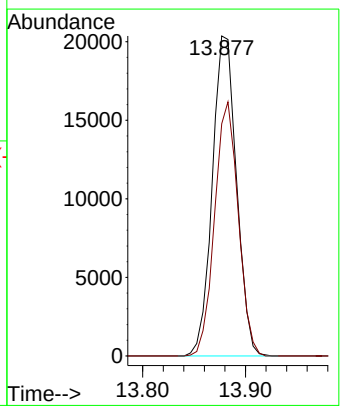
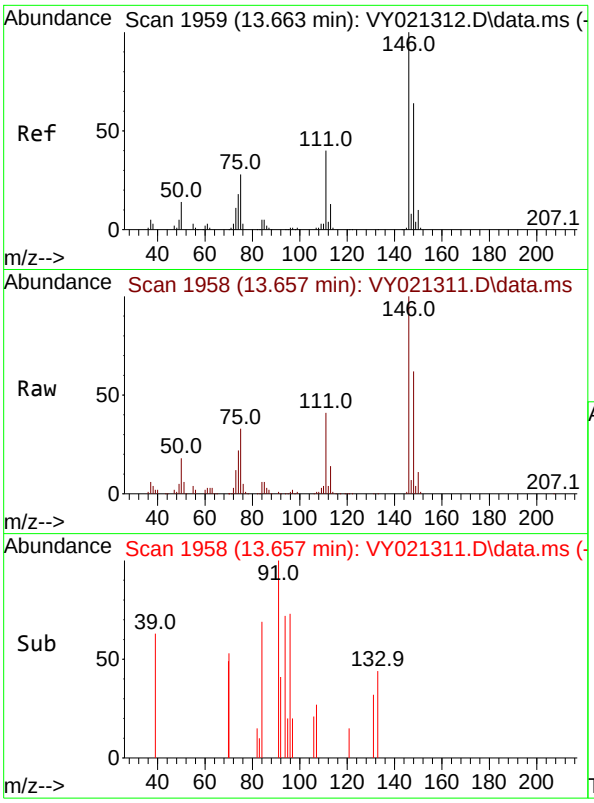


#90
Hexachloroethane
Concen: 17.998 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:117 Resp: 33341

Ion	Ratio	Lower	Upper
117	100		
201	77.3	38.4	115.2

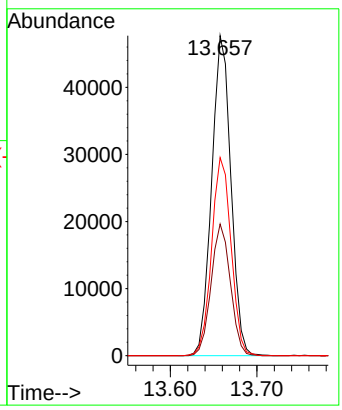




#91
1,2-Dichlorobenzene
Concen: 18.581 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:146 Resp: 7351

Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.7	62.1
148	62.8	31.7	95.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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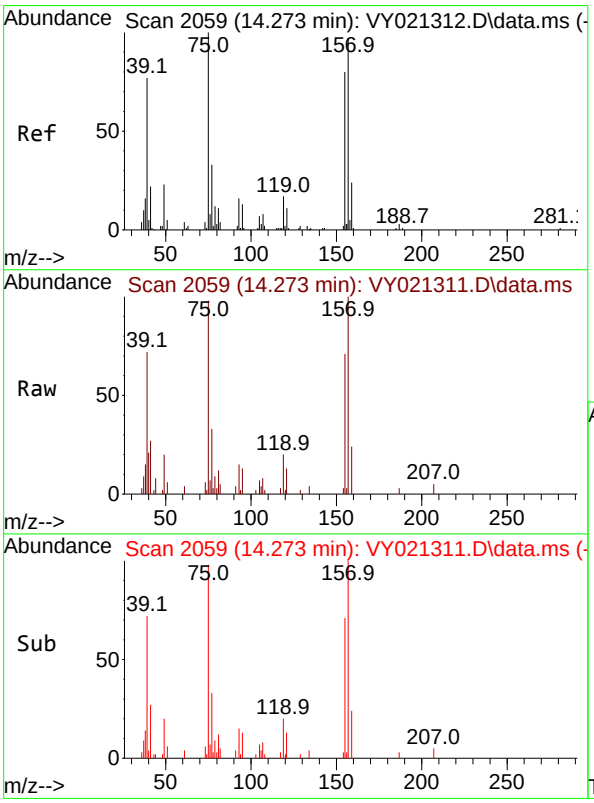
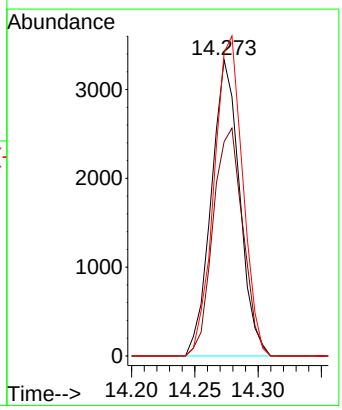
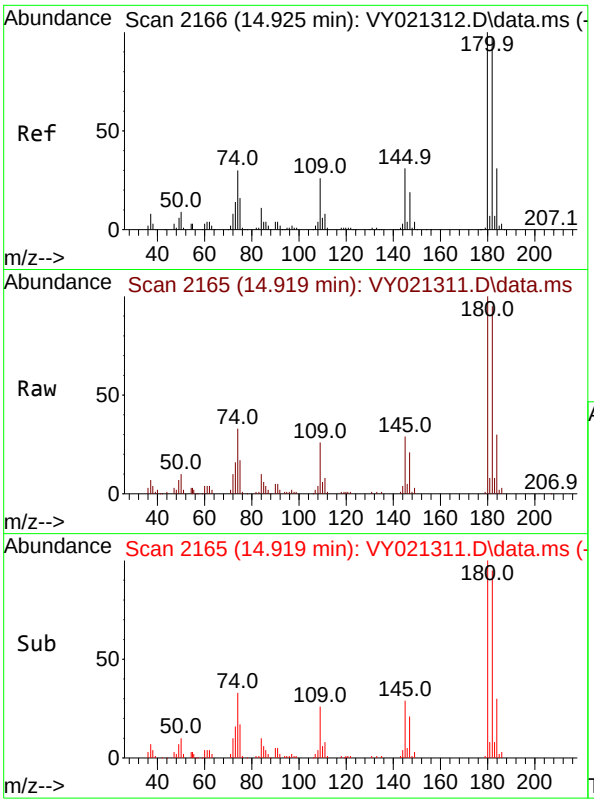


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.908 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 75 Resp: 5181

Ion	Ratio	Lower	Upper
75	100		
155	81.2	41.9	125.6
157	109.0	52.5	157.6

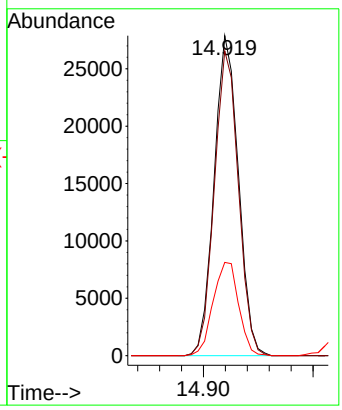




#93
1,2,4-Trichlorobenzene
Concen: 17.770 ug/l
RT: 14.919 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:180 Resp: 4290

Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.9	143.7
145	30.7	15.6	46.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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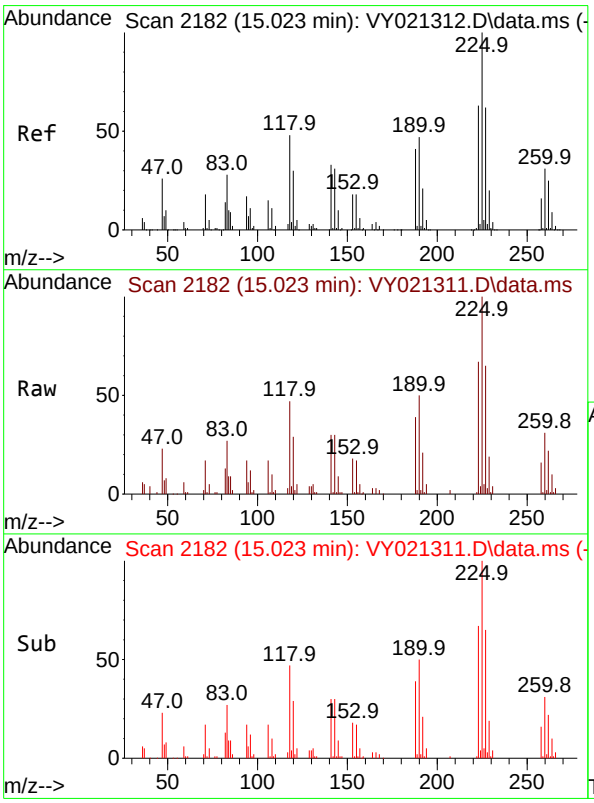
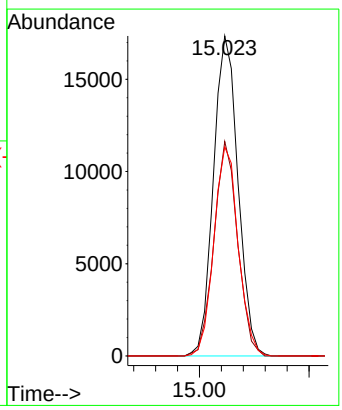
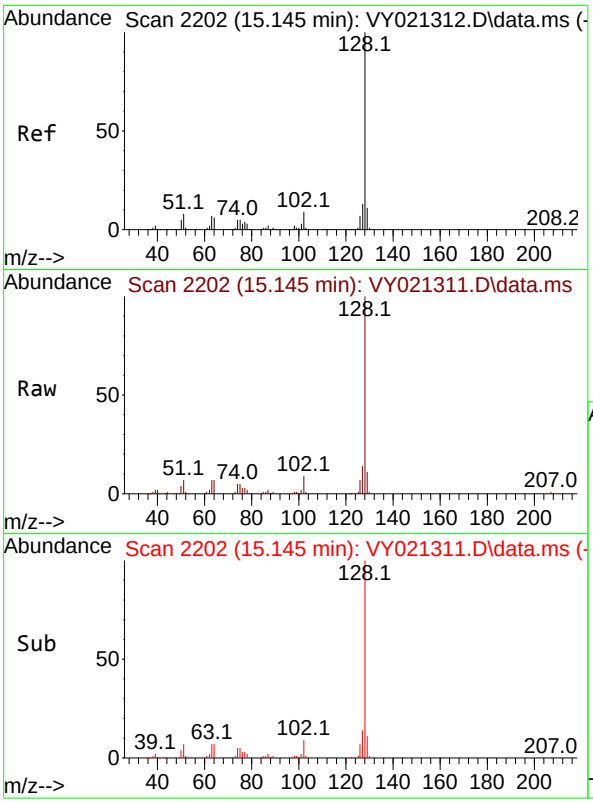


#94
Hexachlorobutadiene
Concen: 17.771 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:225 Resp: 27015

Ion	Ratio	Lower	Upper
225	100		
223	64.5	31.8	95.4
227	64.7	31.9	95.7

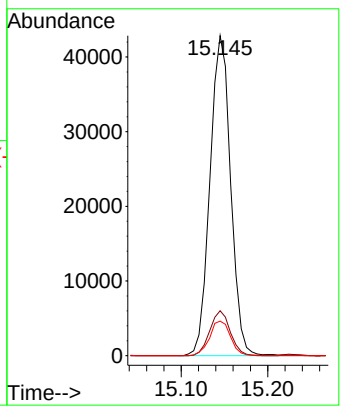




#95
Naphthalene
Concen: 17.763 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:128 Resp: 7104

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.5	15.7
129	10.9	8.5	12.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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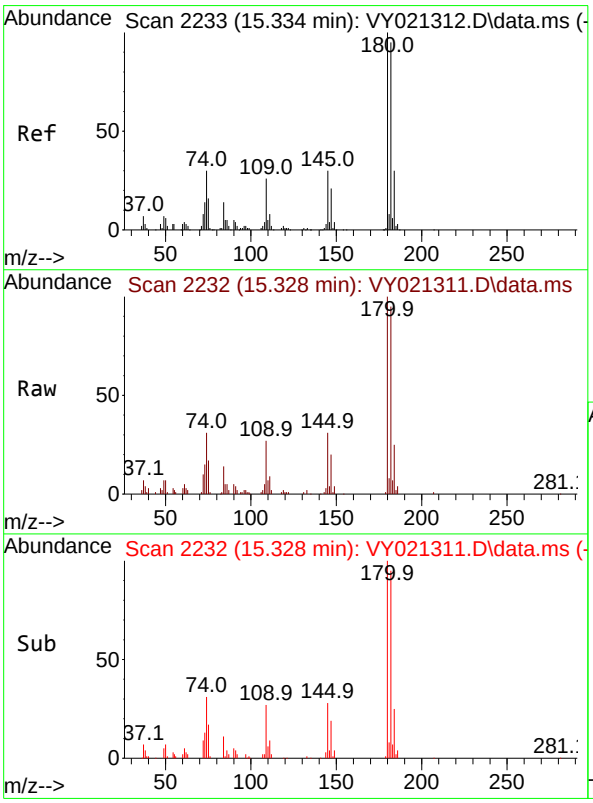
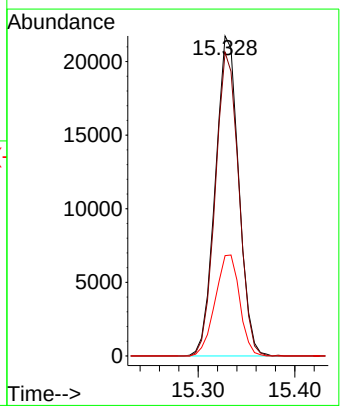


#96
1,2,3-Trichlorobenzene
Concen: 17.871 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:180 Resp: 36460

Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.3	144.9
145	32.9	16.1	48.3



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021312.D
Acq On : 25 Feb 2025 14:48
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

Quant Time: Feb 26 01:45:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	175365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	272563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	239724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	121718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	96694	48.606	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 97.220%			
35) Dibromofluoromethane	7.634	113	88513	49.533	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.060%			
50) Toluene-d8	10.103	98	340929	49.367	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.740%			
62) 4-Bromofluorobenzene	12.408	95	115401	49.652	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.300%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	86387	51.957	ug/l	100
3) Chloromethane	2.068	50	105626	49.191	ug/l	100
4) Vinyl Chloride	2.202	62	109961	52.173	ug/l	100
5) Bromomethane	2.592	94	67780	48.395	ug/l	100
6) Chloroethane	2.732	64	68323	52.276	ug/l	100
7) Trichlorofluoromethane	3.056	101	164215	51.592	ug/l	100
8) Diethyl Ether	3.452	74	50185	52.532	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	94197	51.116	ug/l	100
10) Methyl Iodide	4.007	142	111673	57.600	ug/l	100
11) Tert butyl alcohol	4.854	59	35300	230.691	ug/l	100
12) 1,1-Dichloroethene	3.787	96	90388	51.226	ug/l	100
13) Acrolein	3.647	56	5860	49.975	ug/l	100
14) Allyl chloride	4.385	41	162419	51.918	ug/l	100
15) Acrylonitrile	5.055	53	111677	264.397	ug/l	100
16) Acetone	3.866	43	111923	293.294	ug/l	100
17) Carbon Disulfide	4.104	76	304042	51.892	ug/l	100
18) Methyl Acetate	4.385	43	48368	51.864	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	247280	53.043	ug/l	100
20) Methylene Chloride	4.610	84	102592	49.716	ug/l	100
21) trans-1,2-Dichloroethene	5.110	96	100568	51.774	ug/l	100
22) Diisopropyl ether	6.012	45	343920	53.126	ug/l	100
23) Vinyl Acetate	5.957	43	1041767	269.294	ug/l	100
24) 1,1-Dichloroethane	5.915	63	189943	52.057	ug/l	100
25) 2-Butanone	6.890	43	160248	278.240	ug/l	100
26) 2,2-Dichloropropane	6.884	77	170469	51.489	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	116627	52.579	ug/l	100
28) Bromochloromethane	7.244	49	79678	49.352	ug/l	100
29) Tetrahydrofuran	7.256	42	100417	266.741	ug/l	100
30) Chloroform	7.421	83	191980	51.925	ug/l	100
31) Cyclohexane	7.701	56	173460	49.456	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	172880	51.372	ug/l	100
36) 1,1-Dichloropropene	7.835	75	140574	52.371	ug/l	100
37) Ethyl Acetate	6.982	43	70184	52.565	ug/l	100
38) Carbon Tetrachloride	7.817	117	158319	52.465	ug/l	100
39) Methylcyclohexane	9.109	83	180496	53.165	ug/l	100
40) Benzene	8.079	78	417798	52.655	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021312.D
Acq On : 25 Feb 2025 14:48
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 26 01:45:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	39965	53.535	ug/l	100
42) 1,2-Dichloroethane	8.158	62	118176	52.494	ug/l	100
43) Isopropyl Acetate	8.195	43	139829	54.106	ug/l	100
44) Trichloroethene	8.865	130	104074	52.389	ug/l	100
45) 1,2-Dichloropropane	9.140	63	101166	52.980	ug/l	100
46) Dibromomethane	9.231	93	55365	53.043	ug/l	100
47) Bromodichloromethane	9.420	83	147382	52.957	ug/l	100
48) Methyl methacrylate	9.219	41	67406	55.775	ug/l	100
49) 1,4-Dioxane	9.231	88	12193	1050.591	ug/l	100
51) 4-Methyl-2-Pentanone	9.999	43	364446	275.485	ug/l	100
52) Toluene	10.170	92	263062	53.367	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	140399	55.062	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	161021	53.492	ug/l	100
55) 1,1,2-Trichloroethane	10.572	97	72720	53.481	ug/l	100
56) Ethyl methacrylate	10.438	69	106914	56.904	ug/l	100
57) 1,3-Dichloropropane	10.719	76	127795	53.559	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	260718	289.104	ug/l	100
59) 2-Hexanone	10.761	43	249578	287.258	ug/l	100
60) Dibromochloromethane	10.908	129	100250	54.134	ug/l	100
61) 1,2-Dibromoethane	11.018	107	69236	53.783	ug/l	100
64) Tetrachloroethene	10.646	164	93317	51.501	ug/l	100
65) Chlorobenzene	11.444	112	281918	52.390	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	99131	52.611	ug/l	100
67) Ethyl Benzene	11.517	91	510639	53.573	ug/l	100
68) m/p-Xylenes	11.627	106	384346	107.204	ug/l	100
69) o-Xylene	11.956	106	181728	54.108	ug/l	100
70) Styrene	11.969	104	306007	54.760	ug/l	100
71) Bromoform	12.133	173	58860	54.605	ug/l	100
73) Isopropylbenzene	12.255	105	483937	52.885	ug/l	100
74) N-amyl acetate	12.072	43	129020	55.471	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	84893	52.566	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	63683m	51.954	ug/l	
77) Bromobenzene	12.529	156	110538	51.935	ug/l	100
78) n-propylbenzene	12.596	91	587915	52.946	ug/l	100
79) 2-Chlorotoluene	12.682	91	330472	51.857	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	395609	52.712	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	29649	54.090	ug/l	100
82) 4-Chlorotoluene	12.779	91	342611	51.864	ug/l	100
83) tert-Butylbenzene	12.999	119	352055	51.930	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	395315	52.962	ug/l	100
85) sec-Butylbenzene	13.176	105	518094	52.319	ug/l	100
86) p-Isopropyltoluene	13.291	119	437283	52.884	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	218136	51.811	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	213090	51.233	ug/l	100
89) n-Butylbenzene	13.621	91	416377	53.510	ug/l	100
90) Hexachloroethane	13.883	117	87765	50.814	ug/l	100
91) 1,2-Dichlorobenzene	13.663	146	191758	51.985	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13782	53.947	ug/l	100
93) 1,2,4-Trichlorobenzene	14.925	180	117882	52.360	ug/l	100
94) Hexachlorobutadiene	15.023	225	71915	50.738	ug/l	100
95) Naphthalene	15.145	128	209478	56.174	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	100312	52.735	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021312.D
Acq On : 25 Feb 2025 14:48
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

Quant Time: Feb 26 01:45:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

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

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

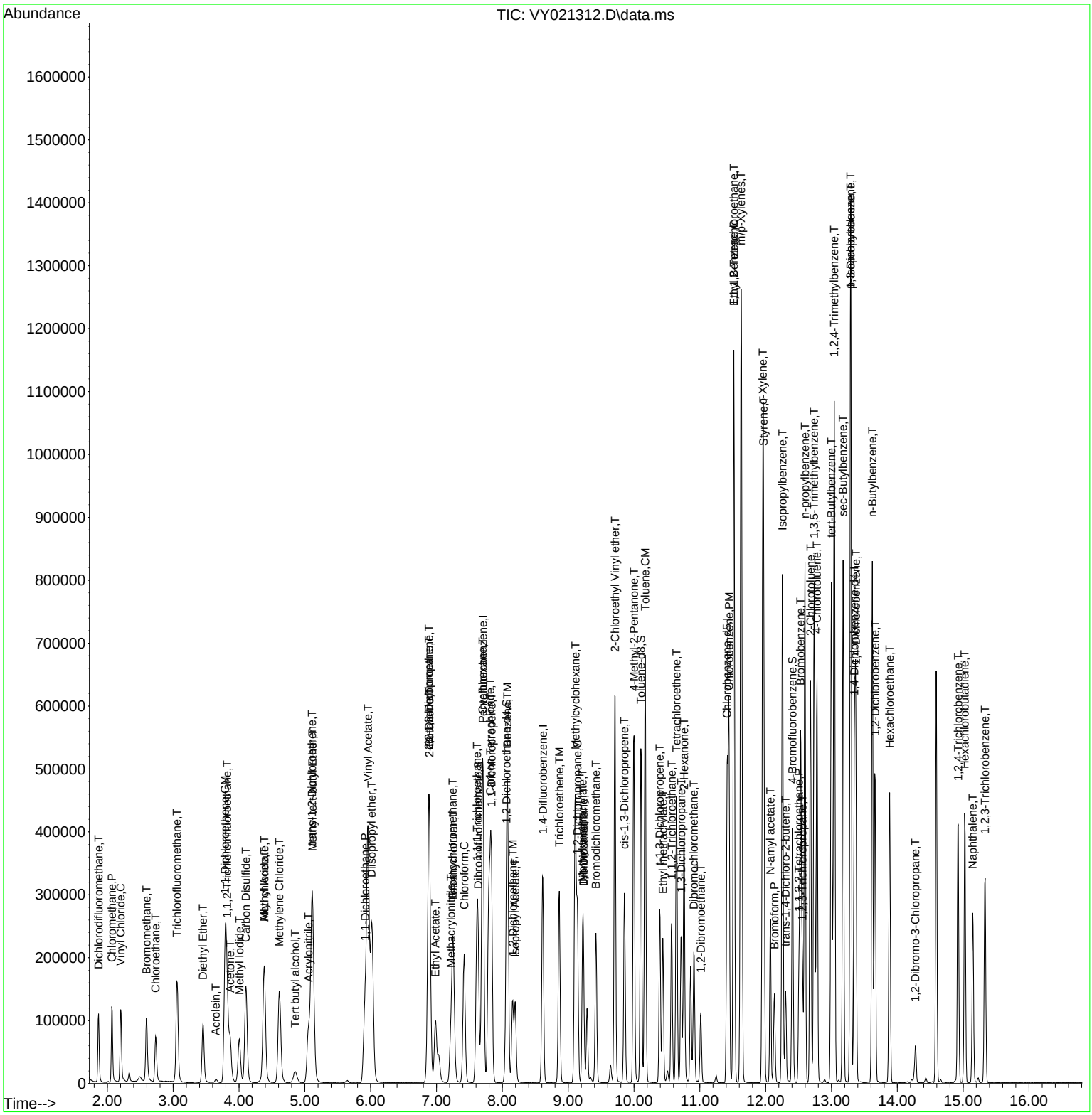
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021312.D
Acq On : 25 Feb 2025 14:48
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

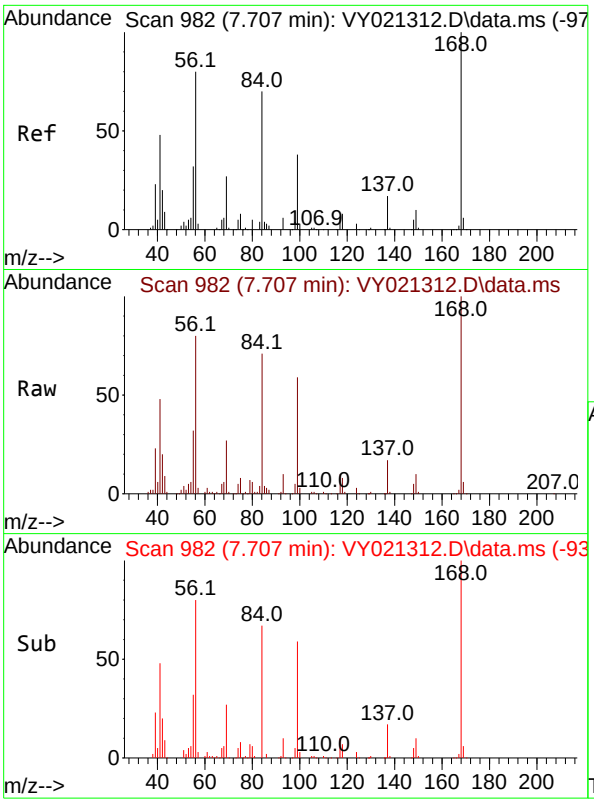
Quant Time: Feb 26 01:45:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

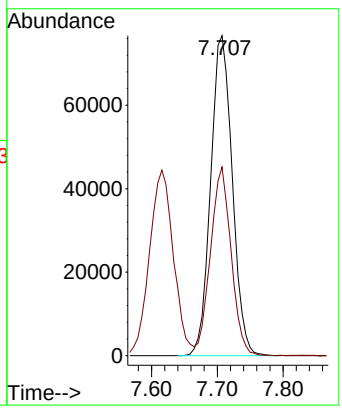




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:168 Resp: 17536

Ion	Ratio	Lower	Upper
168	100		
99	58.9	47.1	70.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/26/2025
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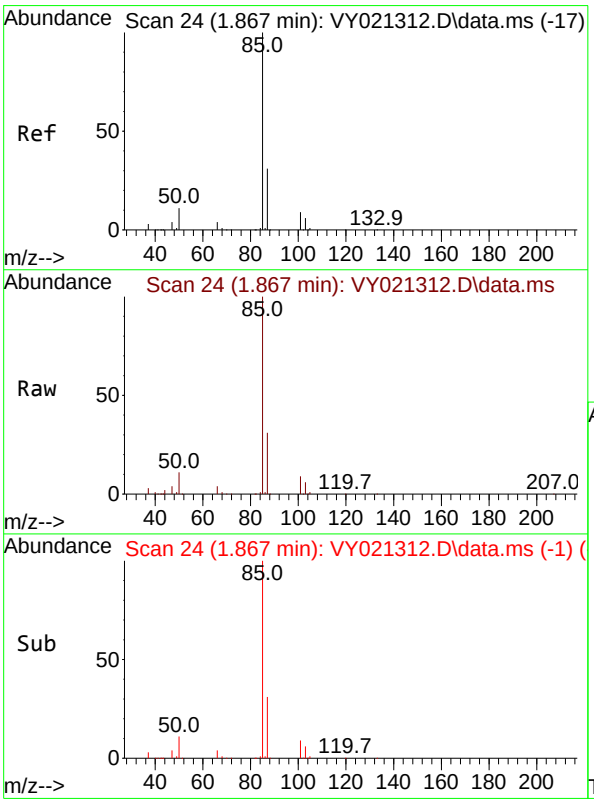
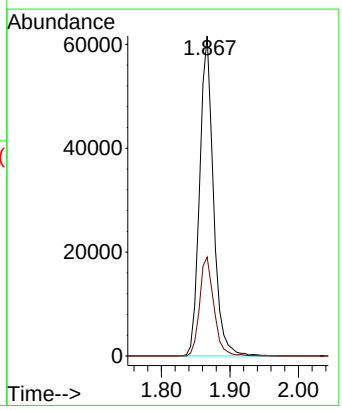
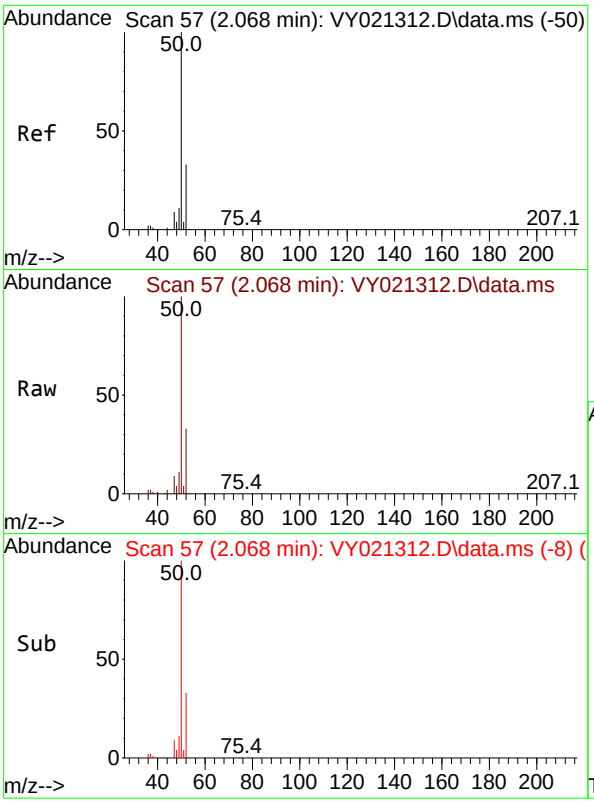


#2
Dichlorodifluoromethane
Concen: 51.957 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 85 Resp: 86387

Ion	Ratio	Lower	Upper
85	100		
87	30.9	15.4	46.4

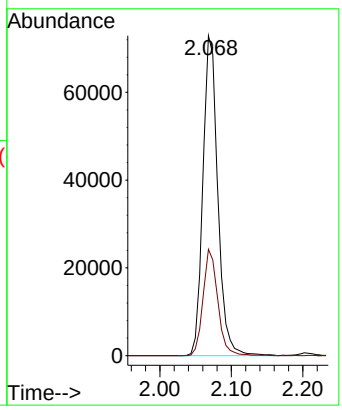




#3
Chloromethane
Concen: 49.191 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 50 Resp: 10562

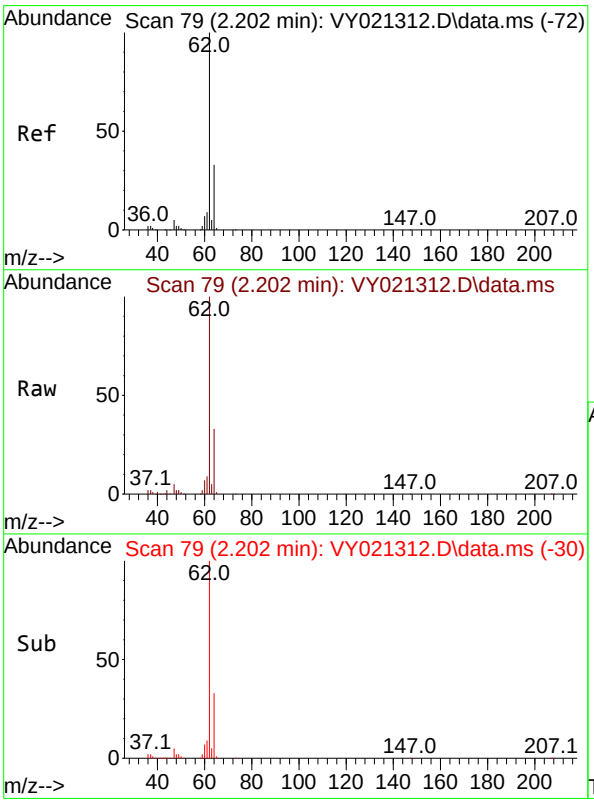
Ion	Ratio	Lower	Upper
50	100		
52	33.3	26.6	40.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

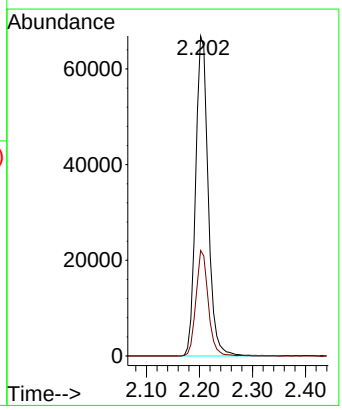
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

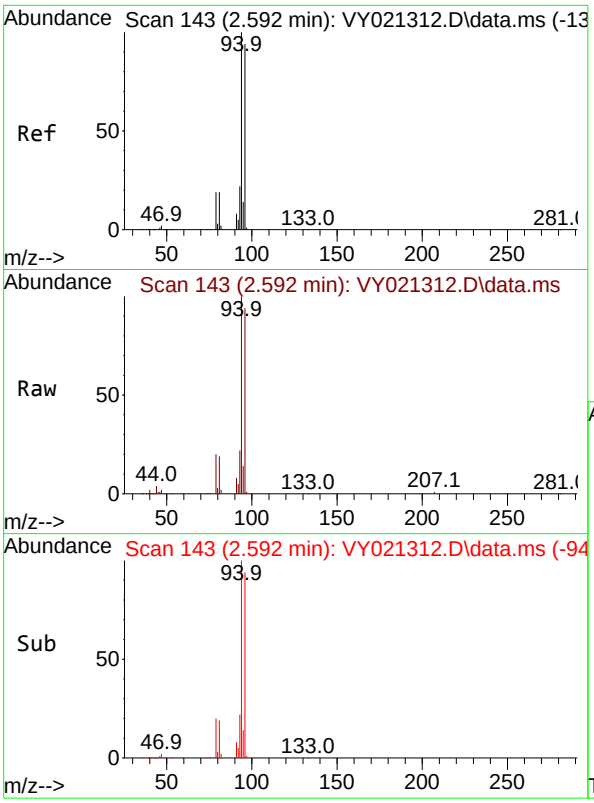


#4
Vinyl Chloride
Concen: 52.173 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 62 Resp: 109961

Ion	Ratio	Lower	Upper
62	100		
64	32.9	26.3	39.5

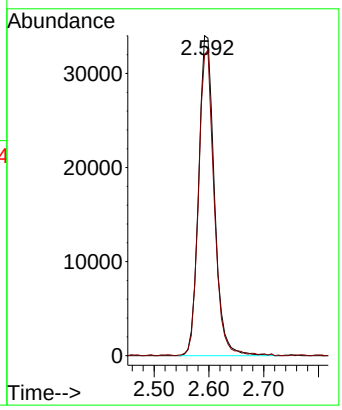




#5
Bromomethane
Concen: 48.395 ug/l
RT: 2.592 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 94 Resp: 6778(

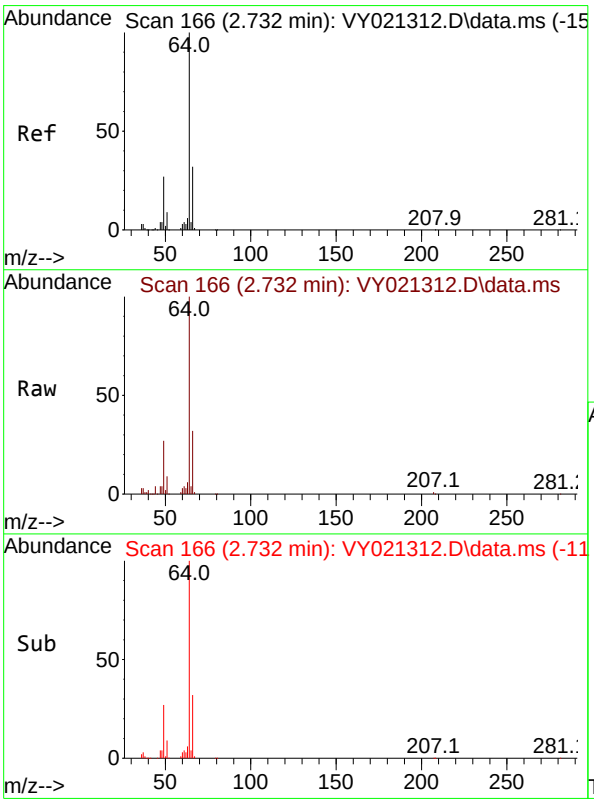
Ion	Ratio	Lower	Upper
94	100		
96	94.0	75.2	112.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

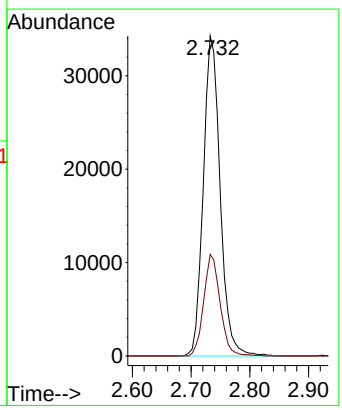
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

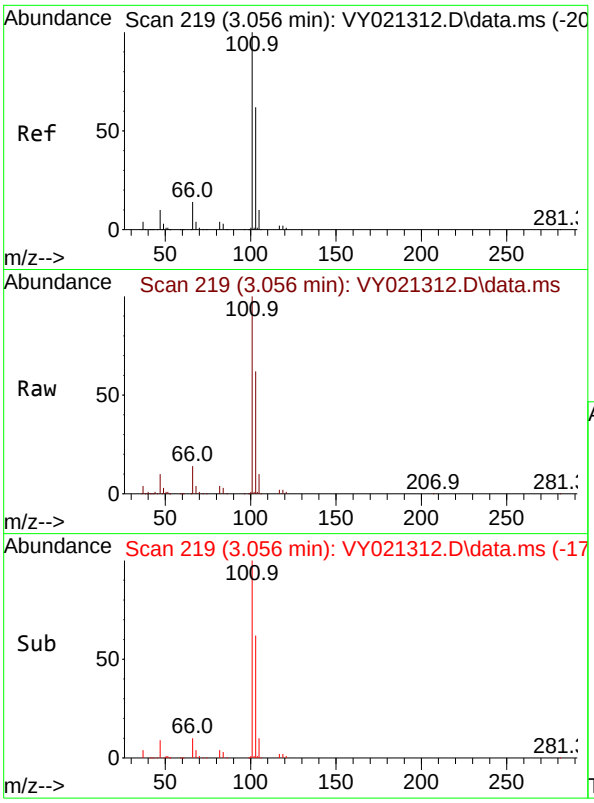


#6
Chloroethane
Concen: 52.276 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 64 Resp: 68323

Ion	Ratio	Lower	Upper
64	100		
66	31.7	25.4	38.0

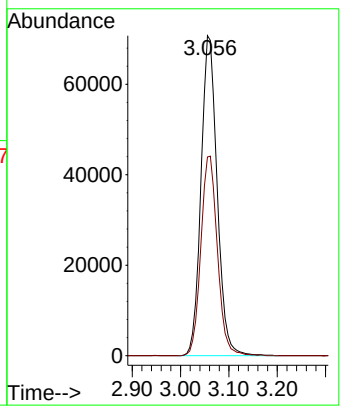




#7
Trichlorofluoromethane
Concen: 51.592 ug/l
RT: 3.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:101 Resp: 16421

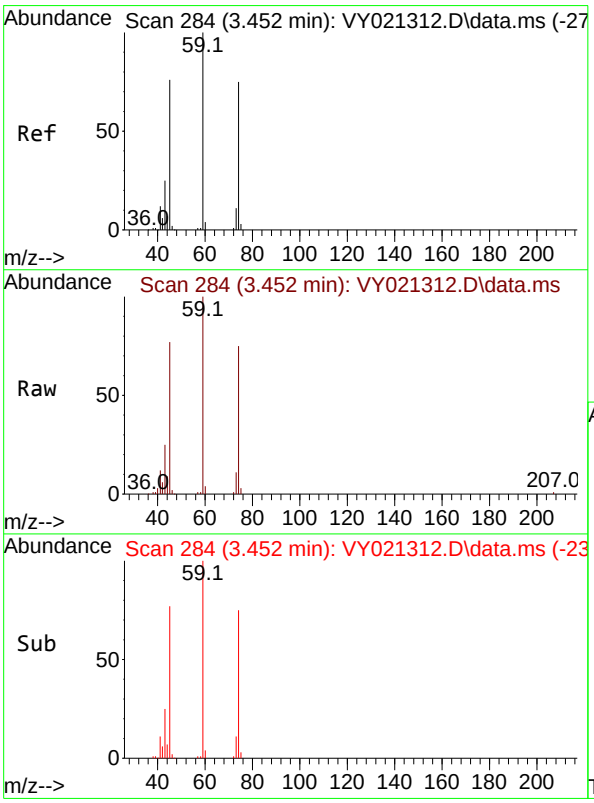
Ion	Ratio	Lower	Upper
101	100		
103	62.1	49.7	74.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

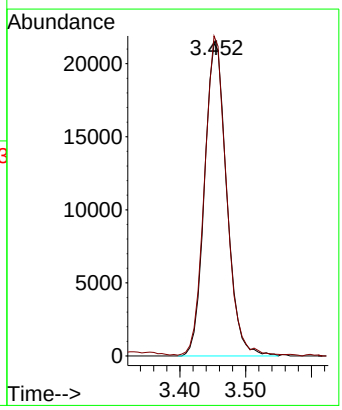
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

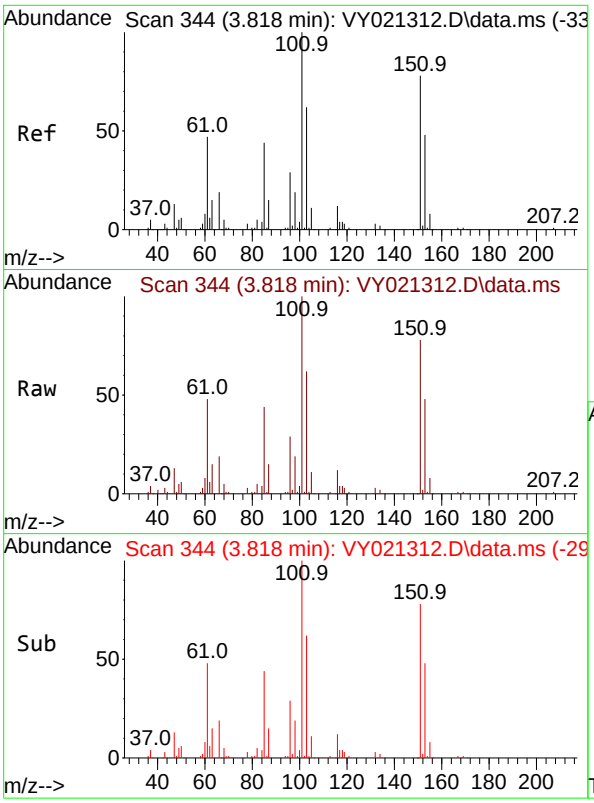


#8
Diethyl Ether
Concen: 52.532 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 74 Resp: 50185

Ion	Ratio	Lower	Upper
74	100		
45	100.6	50.3	150.9

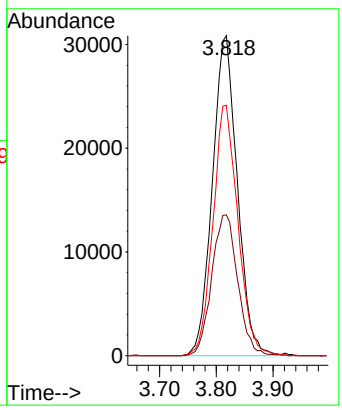




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.116 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:101 Resp: 9419

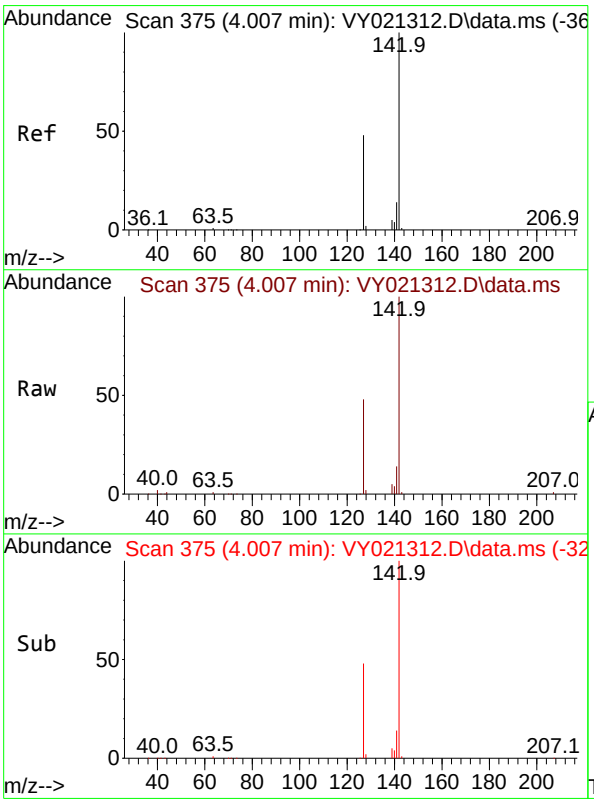
Ion	Ratio	Lower	Upper
101	100		
85	45.9	36.7	55.1
151	78.3	62.6	94.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

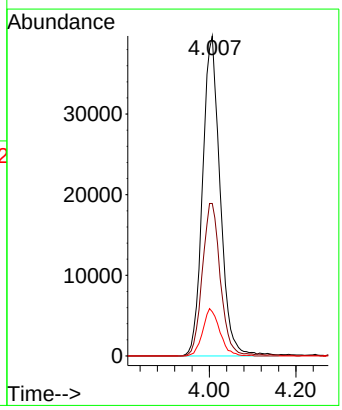
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

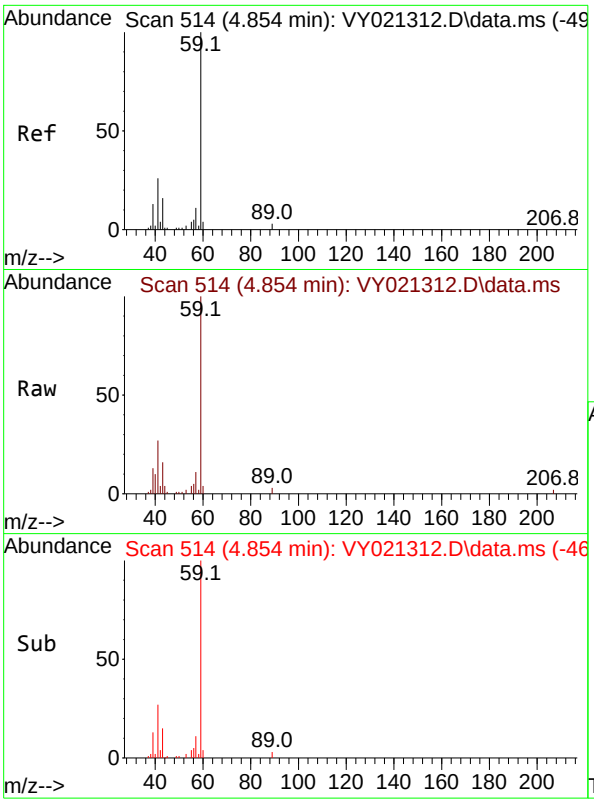


#10
Methyl Iodide
Concen: 57.600 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:142 Resp: 111673

Ion	Ratio	Lower	Upper
142	100		
127	49.0	39.2	58.8
141	14.3	11.4	17.2

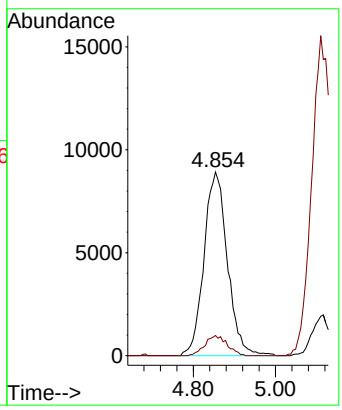




#11
Tert butyl alcohol
Concen: 230.691 ug/l
RT: 4.854 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 59 Resp: 3530

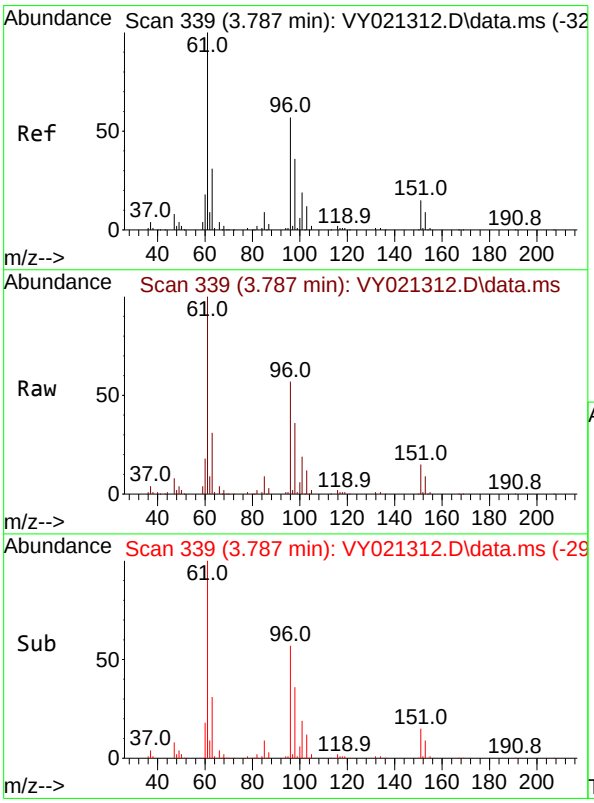
Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

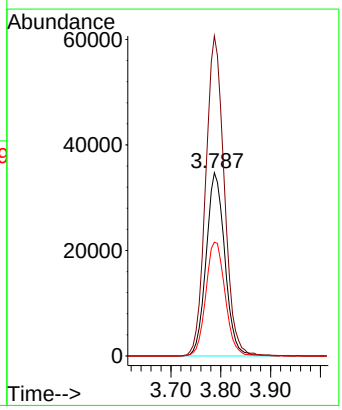
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

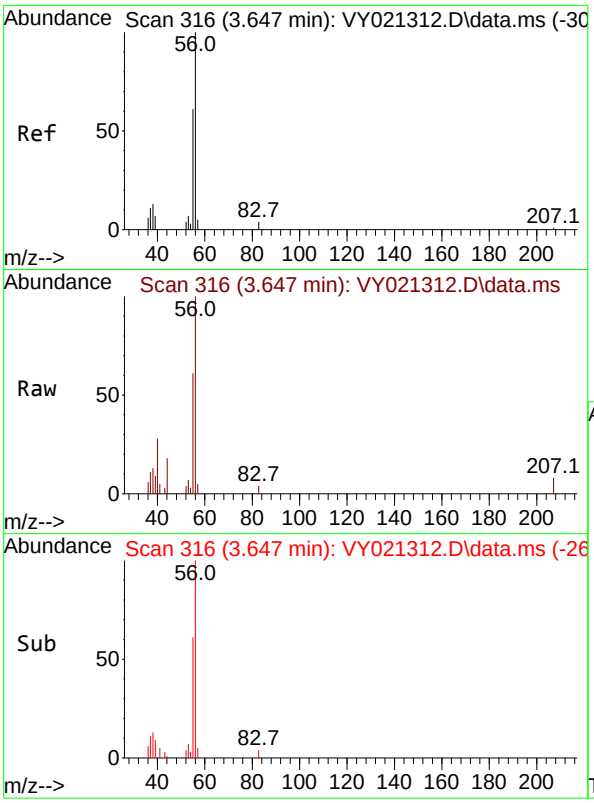


#12
1,1-Dichloroethene
Concen: 51.226 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 96 Resp: 90388

Ion	Ratio	Lower	Upper
96	100		
61	174.6	139.7	209.5
98	62.1	49.7	74.5

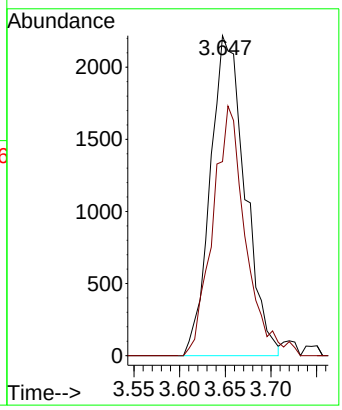




#13
Acrolein
Concen: 49.975 ug/l
RT: 3.647 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 56 Resp: 586

Ion	Ratio	Lower	Upper
56	100		
55	73.8	59.0	88.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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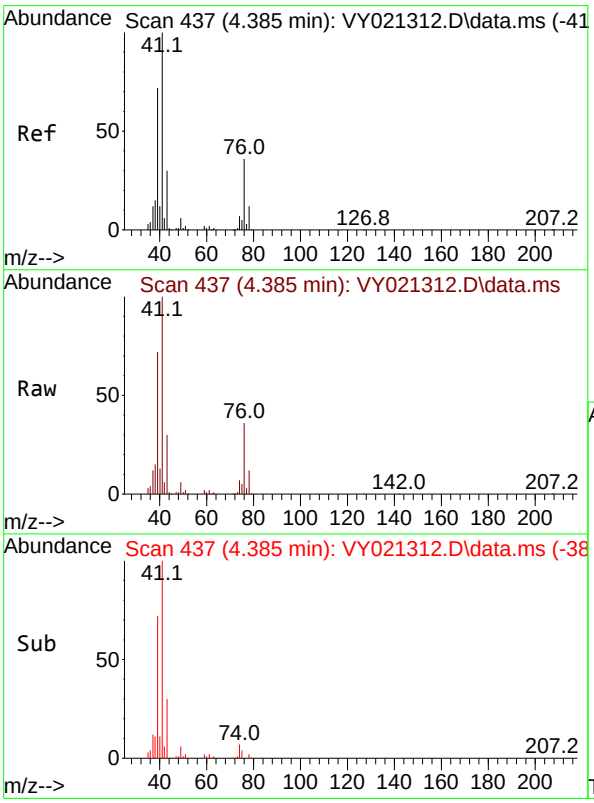
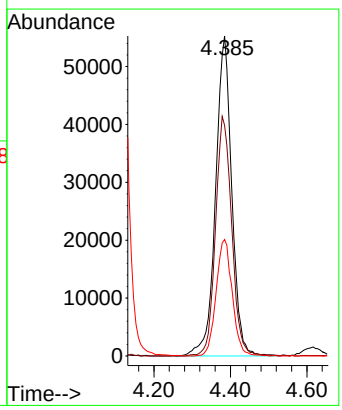
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

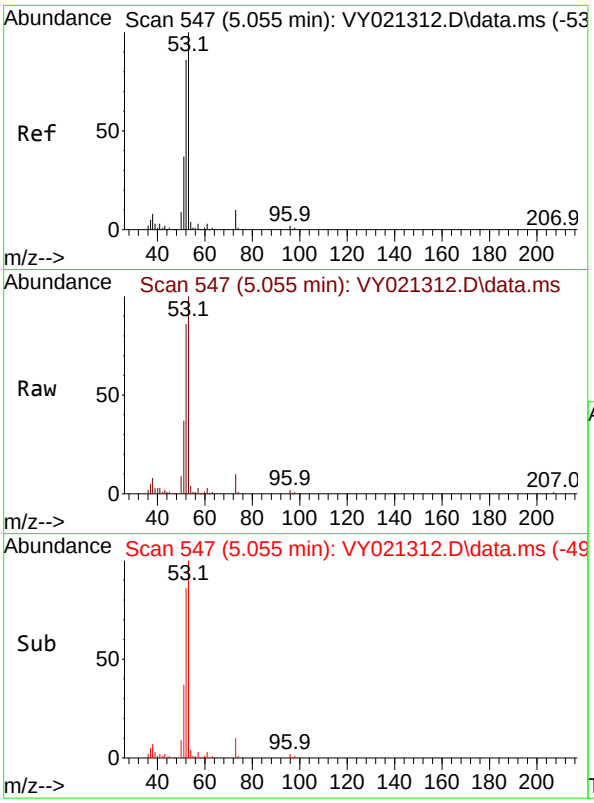


#14
Allyl chloride
Concen: 51.918 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 41 Resp: 162419

Ion	Ratio	Lower	Upper
41	100		
39	75.0	60.0	90.0
76	36.3	29.0	43.6

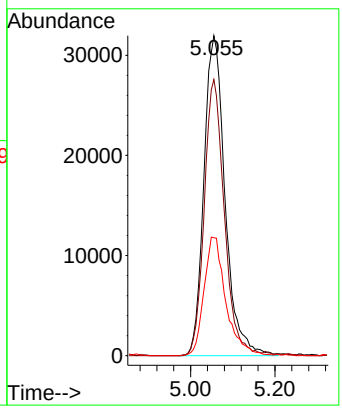




#15
Acrylonitrile
Concen: 264.397 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 53 Resp: 11167

Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.5	98.3
51	38.3	30.6	46.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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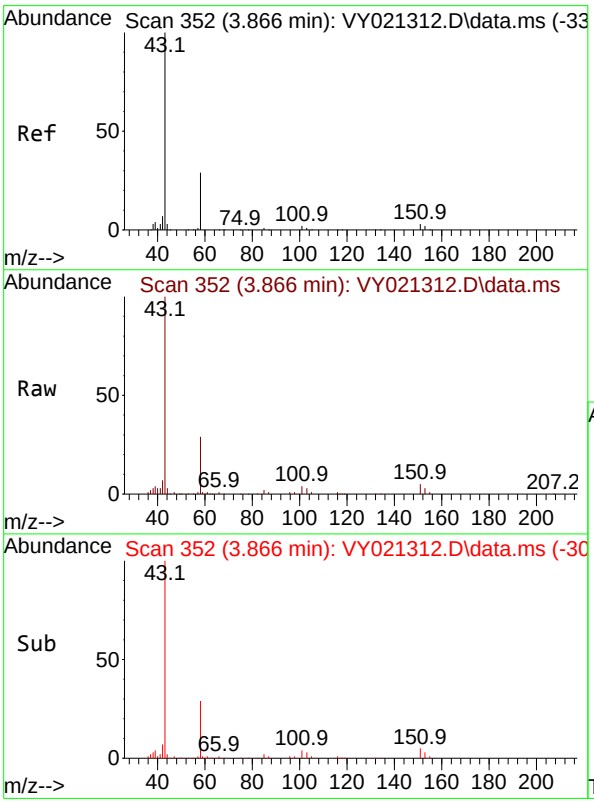
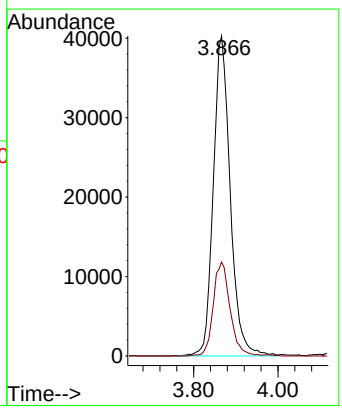
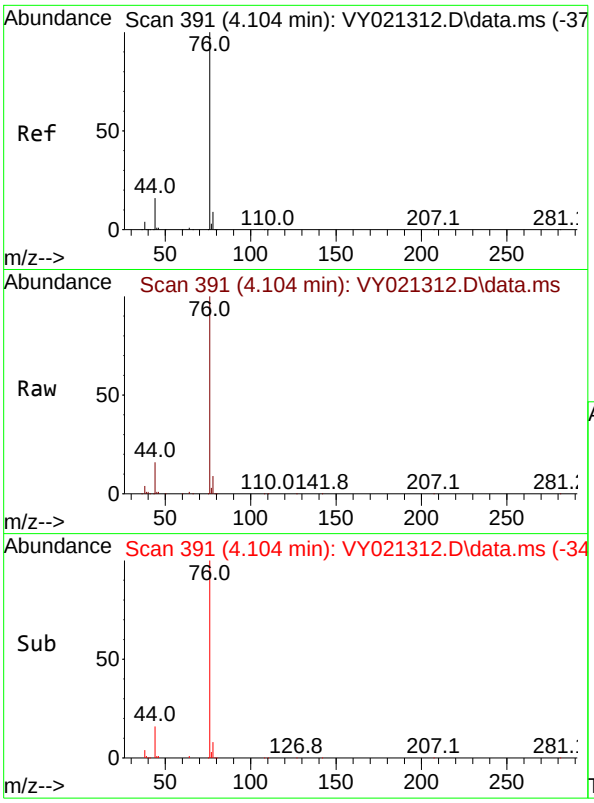


#16
Acetone
Concen: 293.294 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 43 Resp: 111923

Ion	Ratio	Lower	Upper
43	100		
58	29.4	23.5	35.3

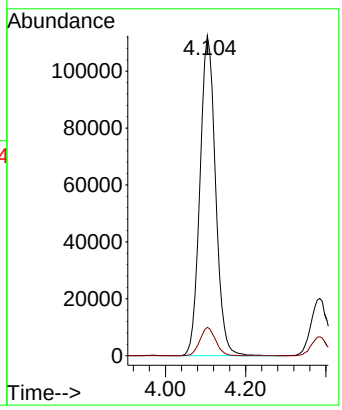




#17
Carbon Disulfide
Concen: 51.892 ug/l
RT: 4.104 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 76 Resp: 30404

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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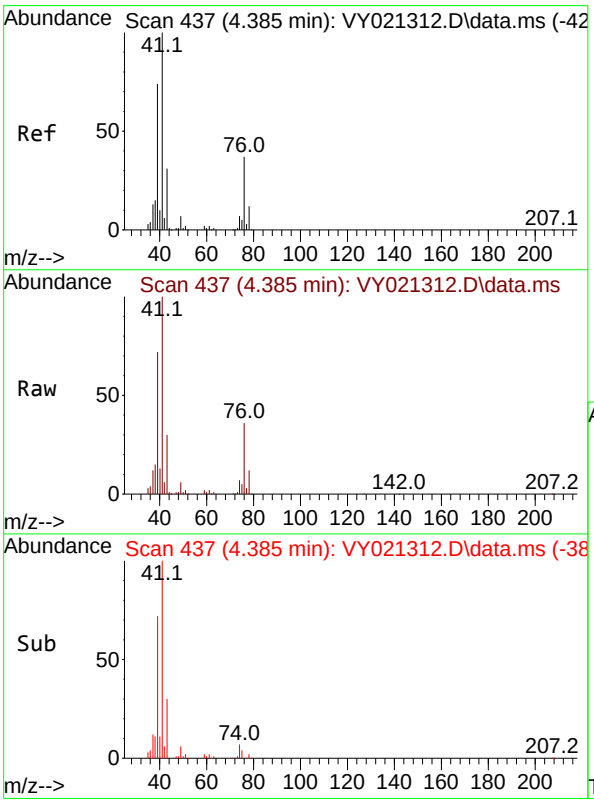
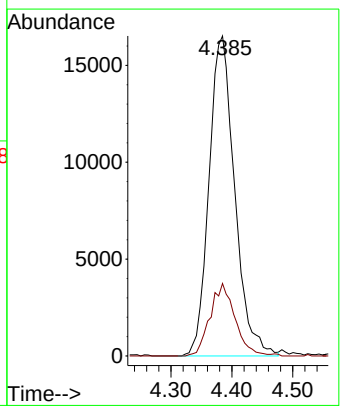
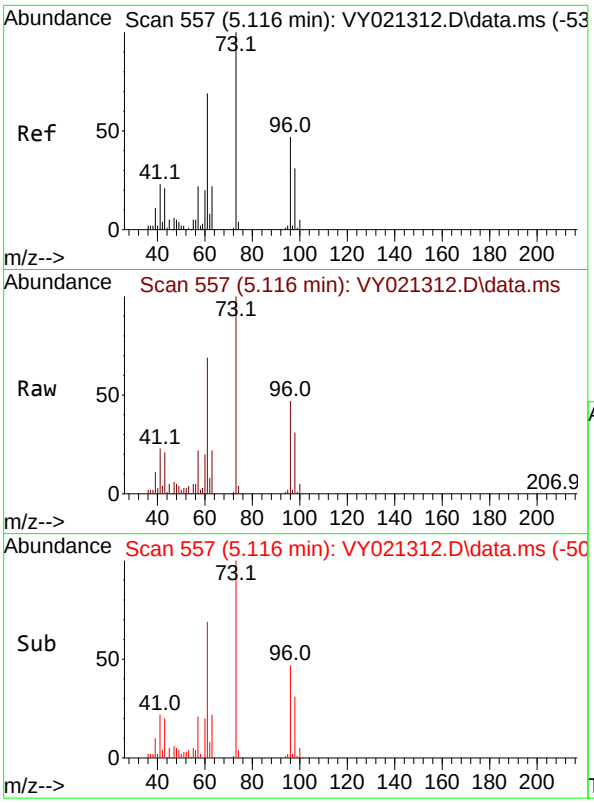


#18
Methyl Acetate
Concen: 51.864 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 43 Resp: 48368

Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.7	26.5

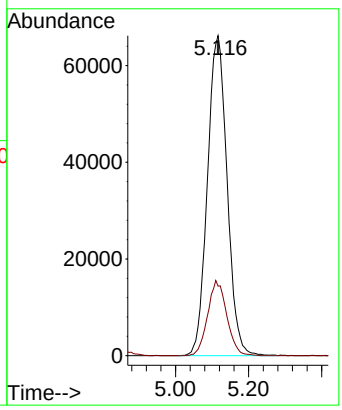




#19
Methyl tert-butyl Ether
Concen: 53.043 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 73 Resp: 24728

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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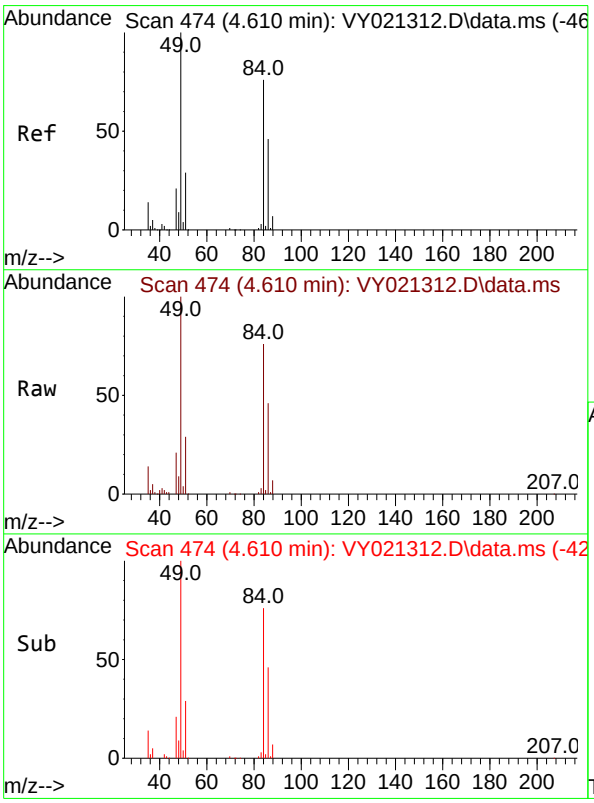
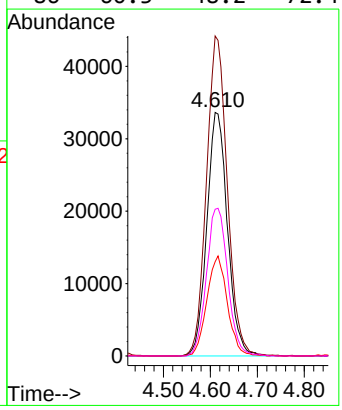
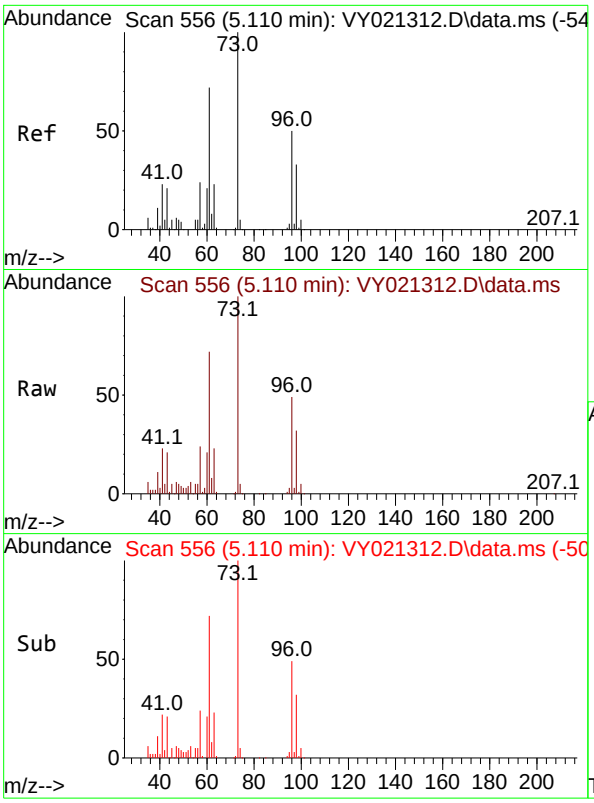


#20
Methylene Chloride
Concen: 49.716 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 84 Resp: 102592

Ion	Ratio	Lower	Upper
84	100		
49	131.4	105.1	157.7
51	38.7	31.0	46.4
86	60.3	48.2	72.4

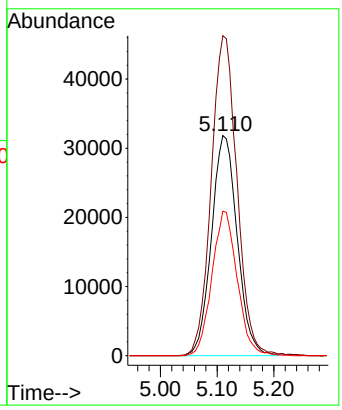




#21
trans-1,2-Dichloroethene
Concen: 51.774 ug/l
RT: 5.110 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 96 Resp: 10056

Ion	Ratio	Lower	Upper
96	100		
61	145.4	116.3	174.5
98	65.7	52.6	78.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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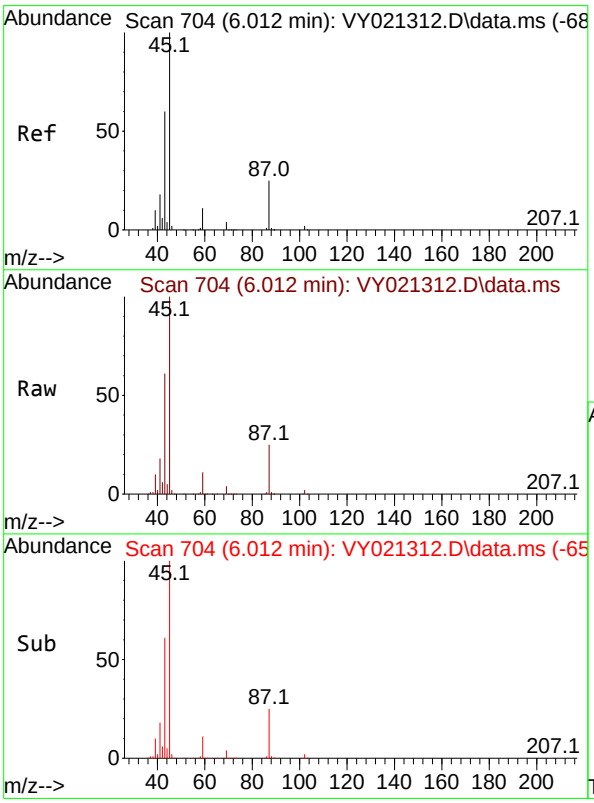
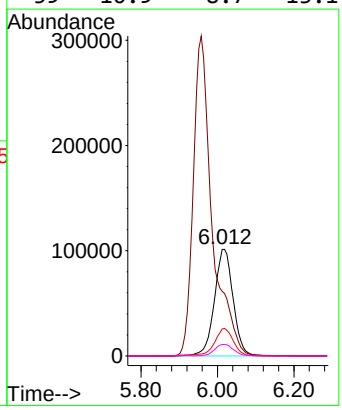
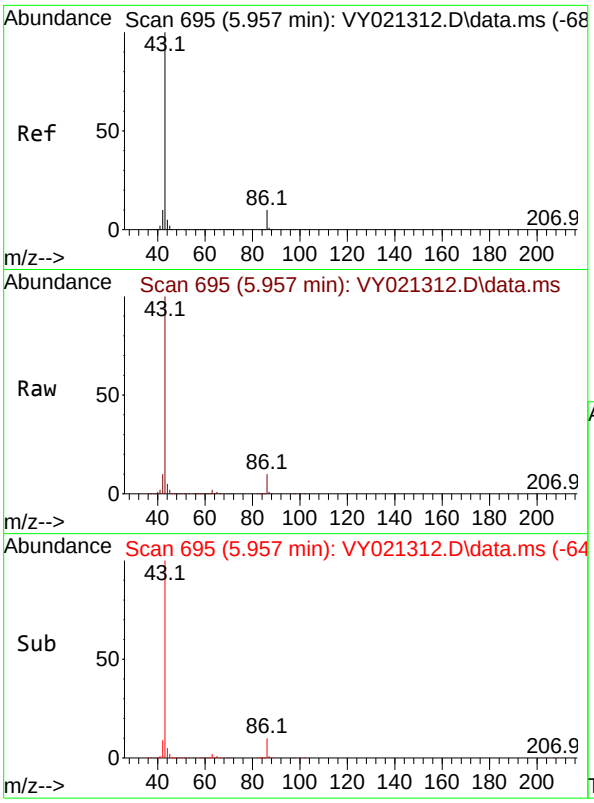


#22
Diisopropyl ether
Concen: 53.126 ug/l
RT: 6.012 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 45 Resp: 343920

Ion	Ratio	Lower	Upper
45	100		
43	60.3	48.2	72.4
87	25.4	20.3	30.5
59	10.9	8.7	13.1





#23
Vinyl Acetate
Concen: 269.294 ug/l
RT: 5.957 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 43 Resp: 104176

Ion	Ratio	Lower	Upper
43	100		
86	10.0	8.0	12.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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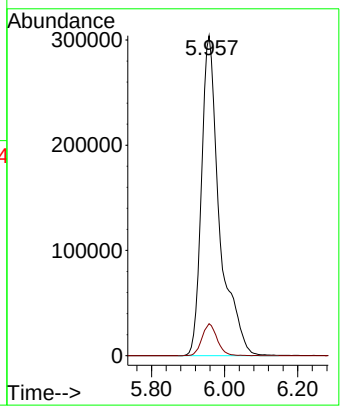
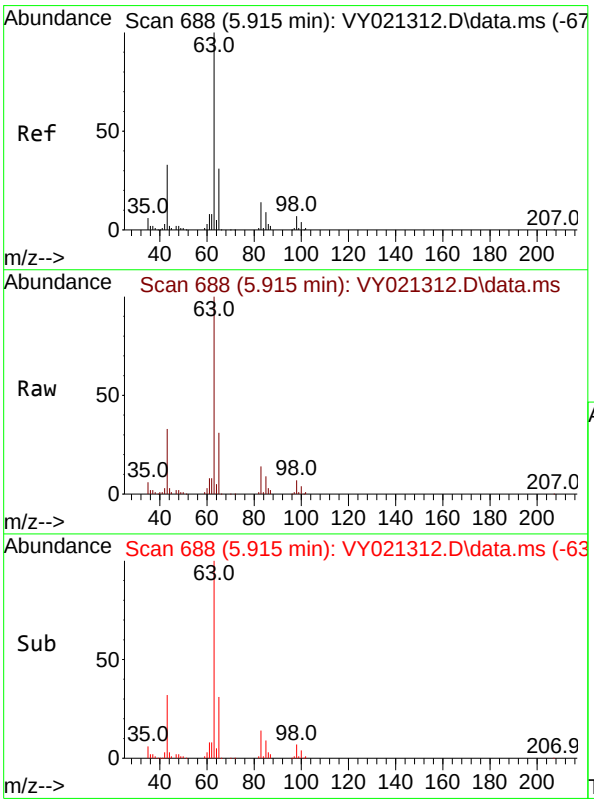
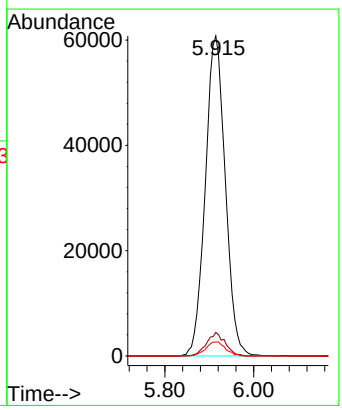


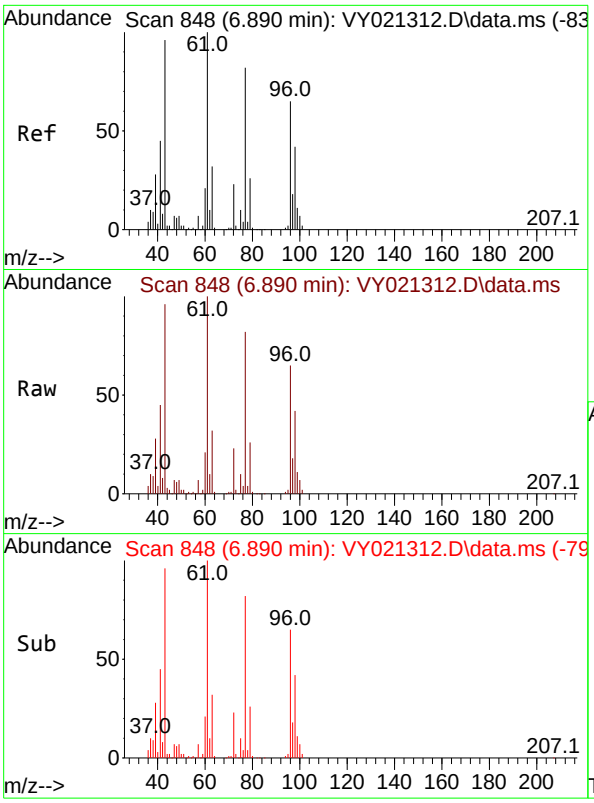


#24
1,1-Dichloroethane
Concen: 52.057 ug/l
RT: 5.915 min Scan# 688
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 63 Resp: 189943

Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.7	11.1
100	4.3	2.1	6.5

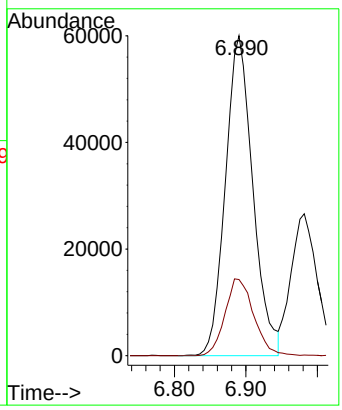




#25
2-Butanone
Concen: 278.240 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 43 Resp: 16024

Ion	Ratio	Lower	Upper
43	100		
72	23.8	19.0	28.6



Instrument :
MSVOA_Y
ClientSampleId :
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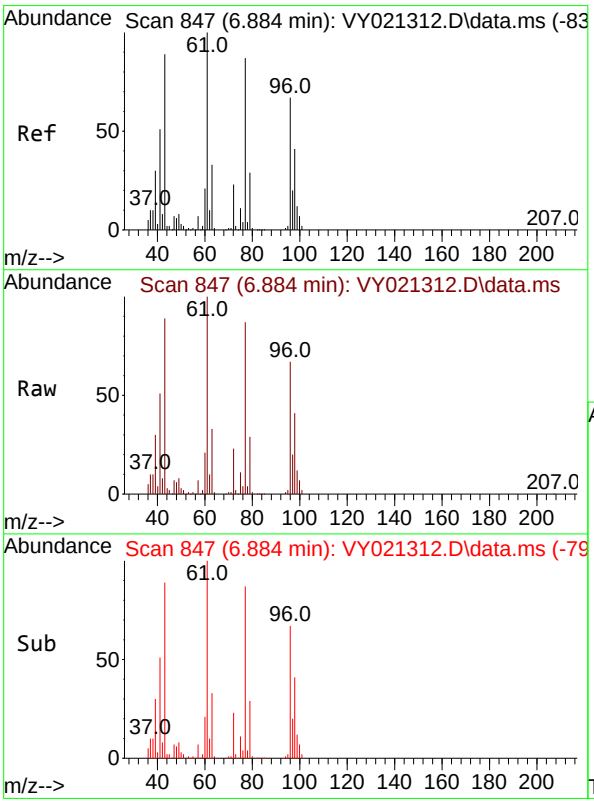
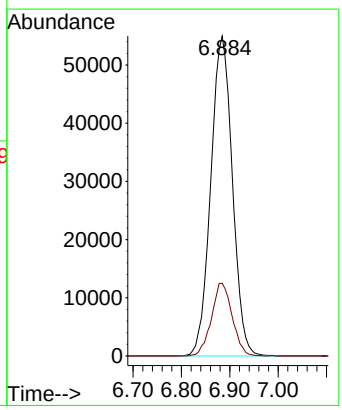
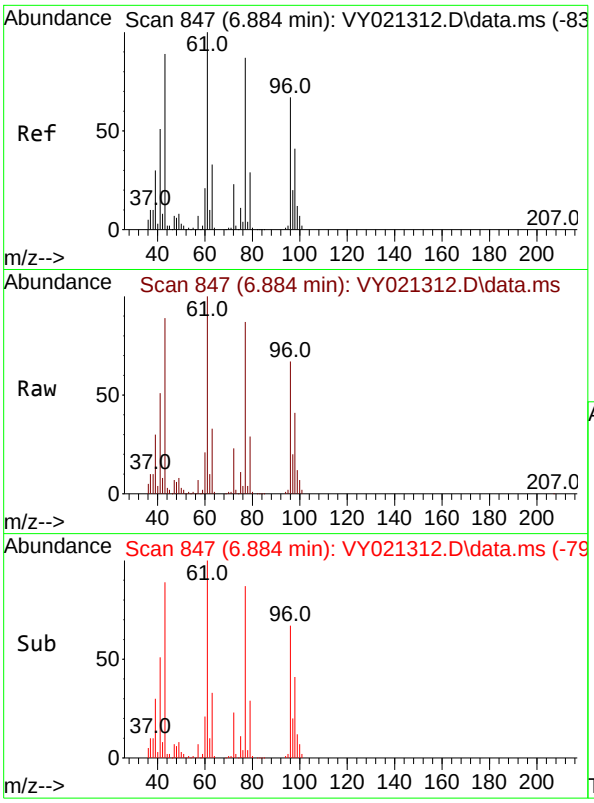


#26
2,2-Dichloropropane
Concen: 51.489 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 77 Resp: 170469

Ion	Ratio	Lower	Upper
77	100		
97	21.8	10.9	32.7

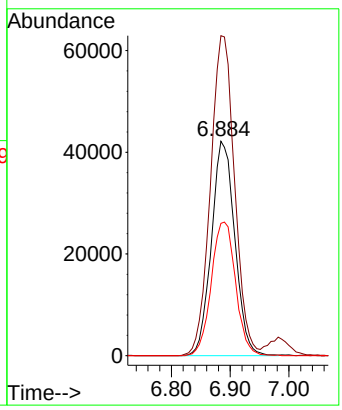




#27
cis-1,2-Dichloroethene
Concen: 52.579 ug/l
RT: 6.884 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 96 Resp: 11662

Ion	Ratio	Lower	Upper
96	100		
61	154.0	0.0	308.0
98	64.8	0.0	129.6



Instrument :
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ClientSampleId :
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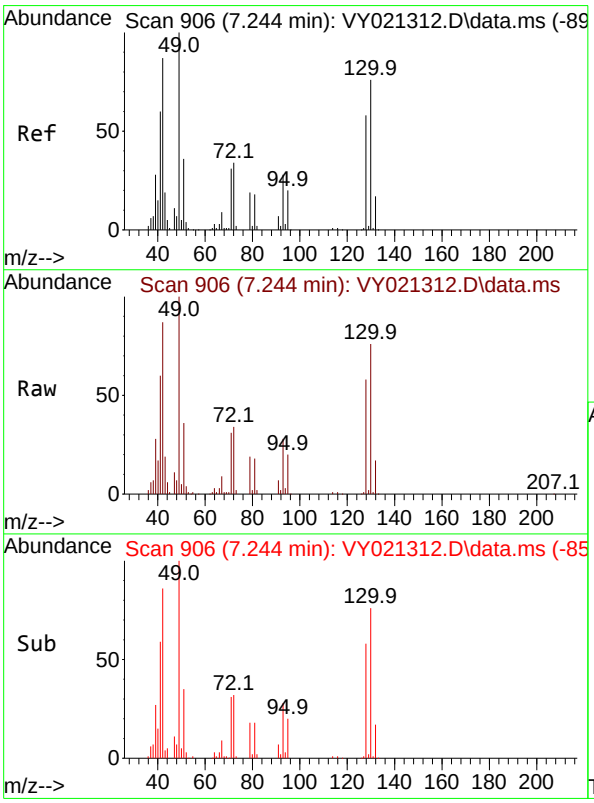
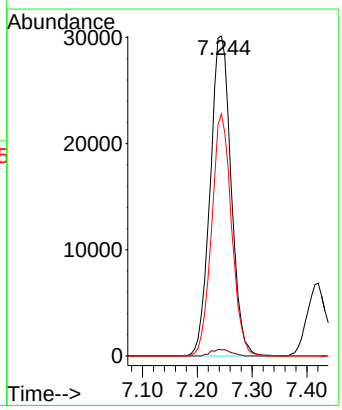
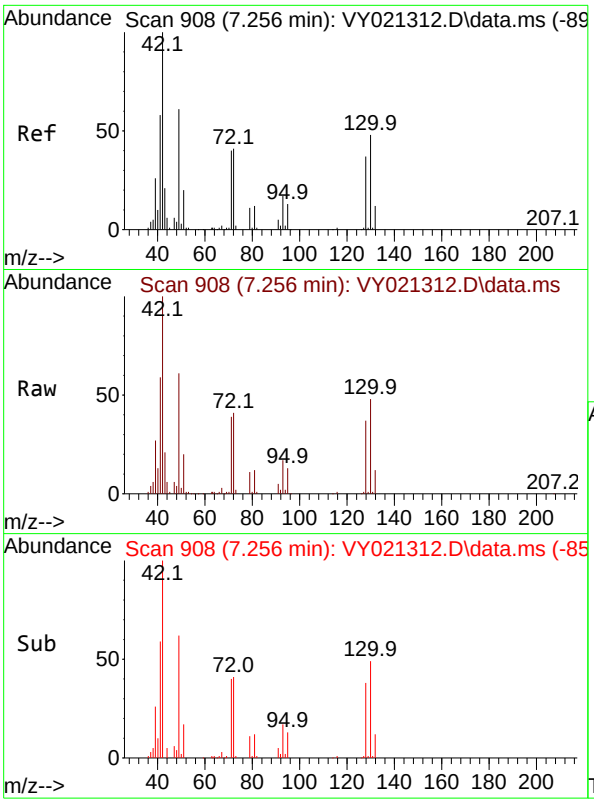


#28
Bromochloromethane
Concen: 49.352 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 49 Resp: 79678

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	72.2	57.8	86.6

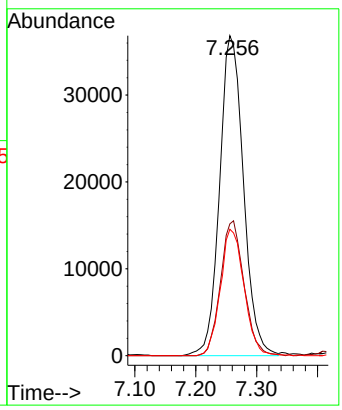




#29
Tetrahydrofuran
Concen: 266.741 ug/l
RT: 7.256 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 42 Resp: 10041

Ion	Ratio	Lower	Upper
42	100		
72	41.4	33.1	49.7
71	39.2	31.4	47.0



Instrument :
MSVOA_Y
ClientSampleId :
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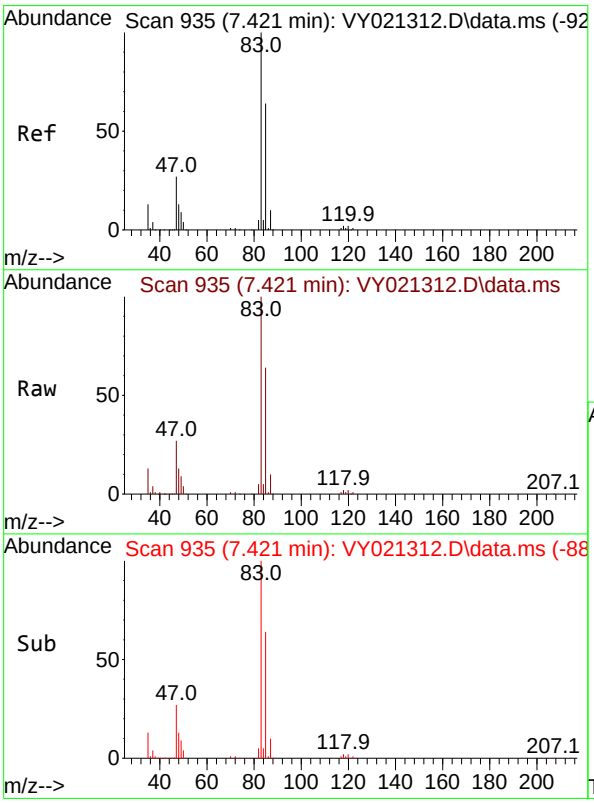
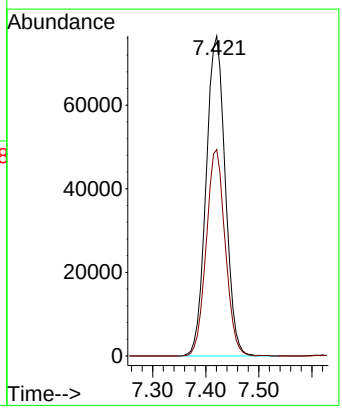
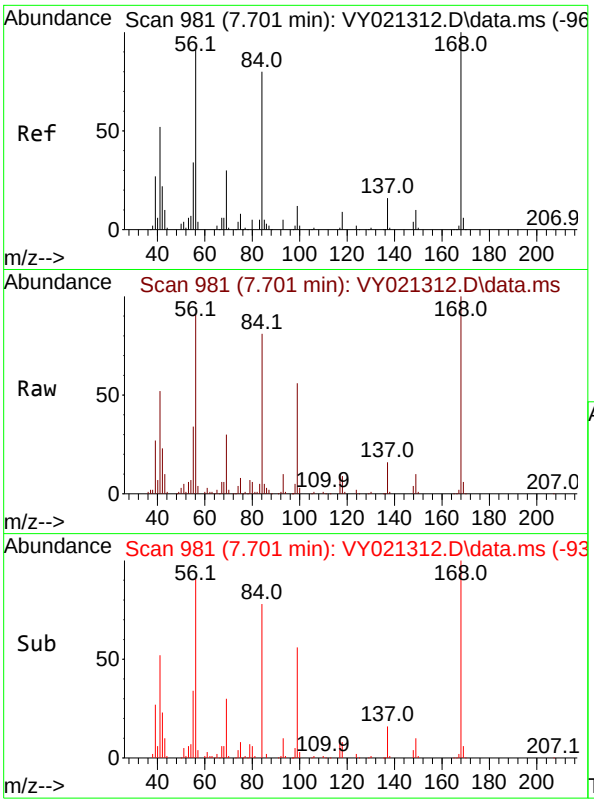


#30
Chloroform
Concen: 51.925 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 83 Resp: 191980

Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.6	77.4

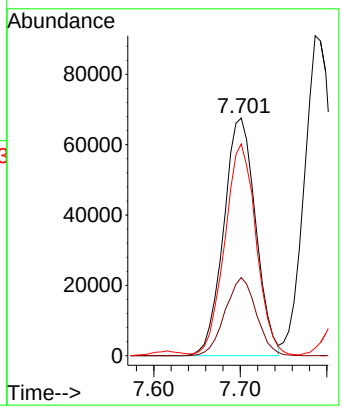




#31
Cyclohexane
Concen: 49.456 ug/l
RT: 7.701 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 56 Resp: 17346

Ion	Ratio	Lower	Upper
56	100		
69	32.8	26.2	39.4
84	87.8	70.2	105.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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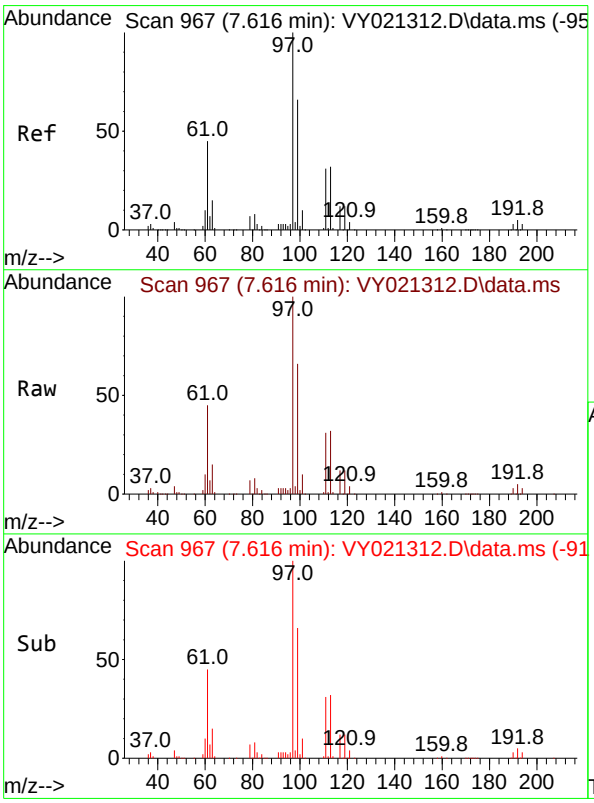
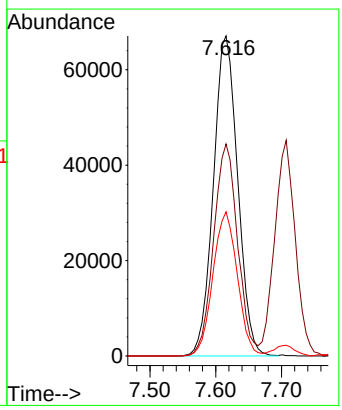
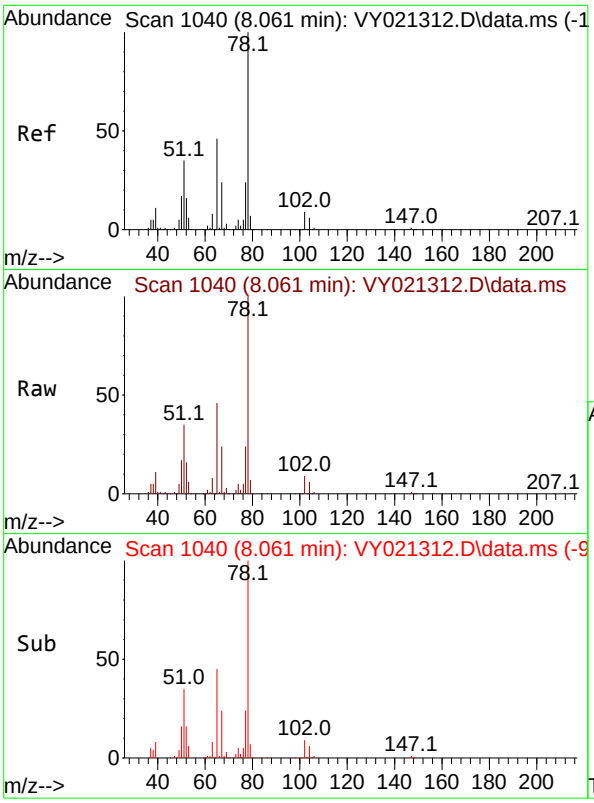


#32
1,1,1-Trichloroethane
Concen: 51.372 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 97 Resp: 172880

Ion	Ratio	Lower	Upper
97	100		
99	65.5	52.4	78.6
61	45.2	36.2	54.2

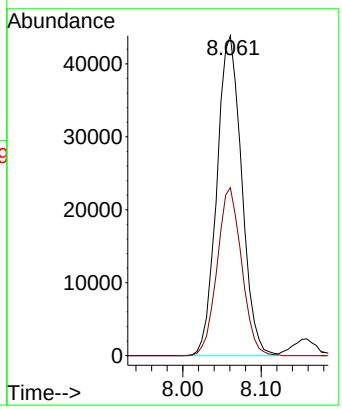




#33
1,2-Dichloroethane-d4
Concen: 48.606 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 65 Resp: 9669

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	103.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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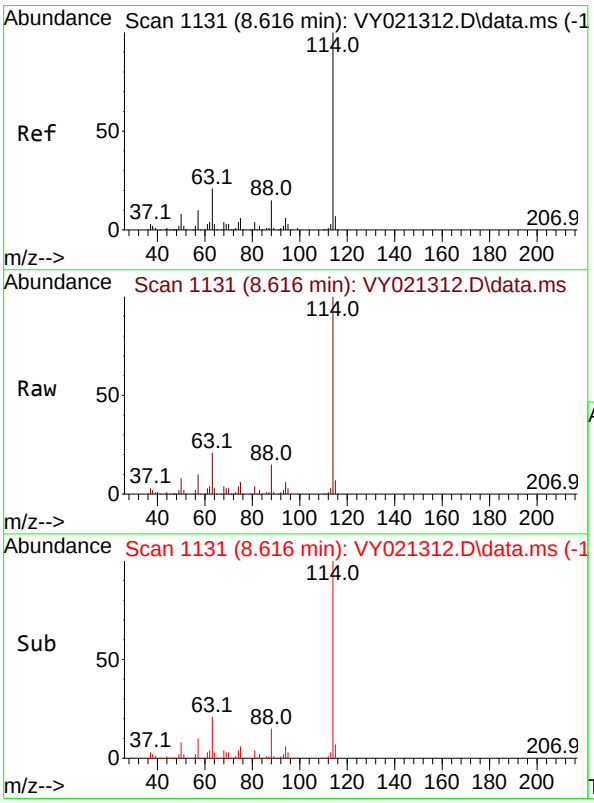
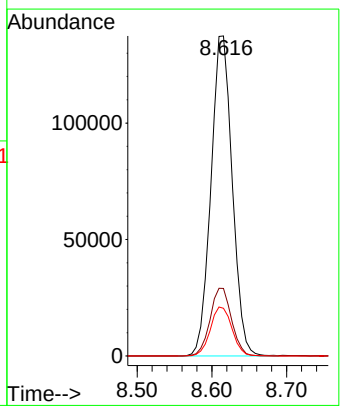
Supervised By :Mahesh Dadoda 02/26/2025

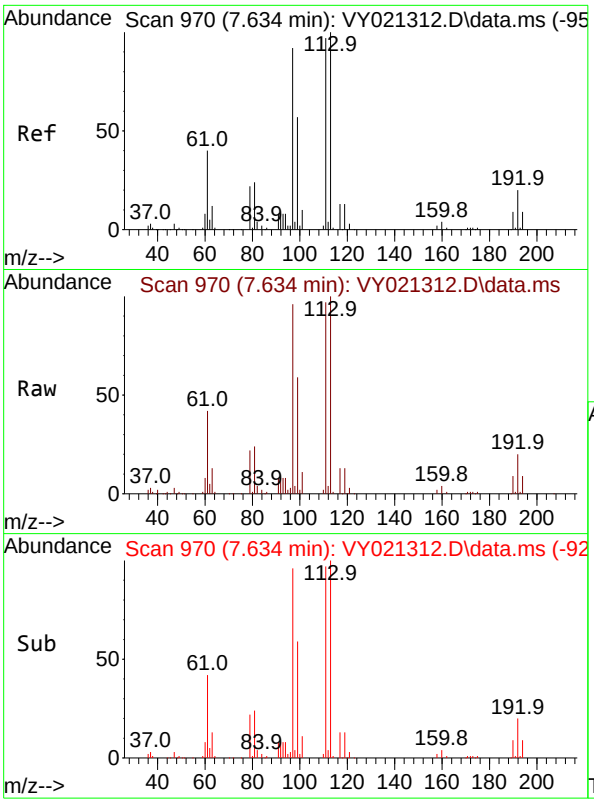


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:114 Resp: 272563

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	42.2
88	14.9	0.0	29.8

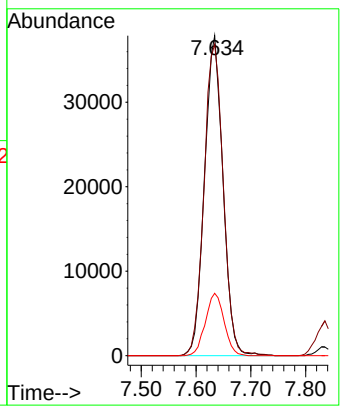




#35
Dibromofluoromethane
Concen: 49.533 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:113 Resp: 8851

Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.0	121.6
192	19.8	15.8	23.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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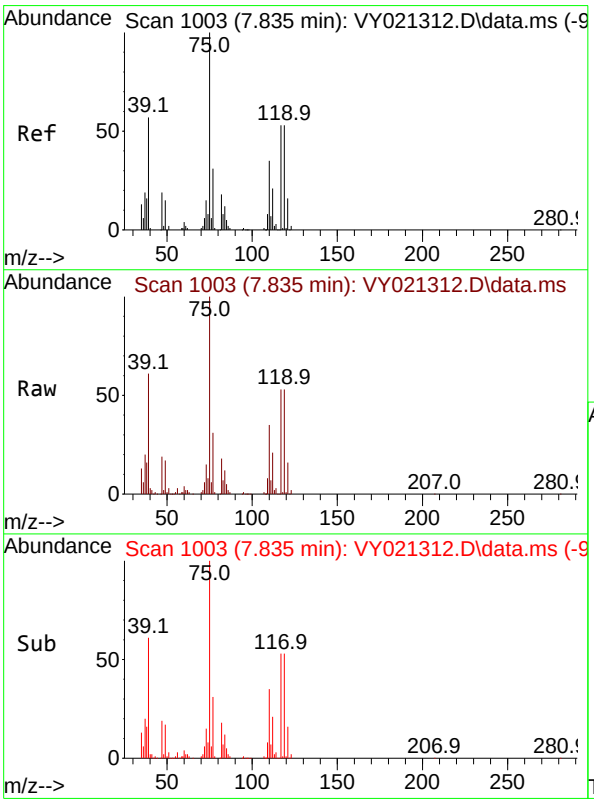
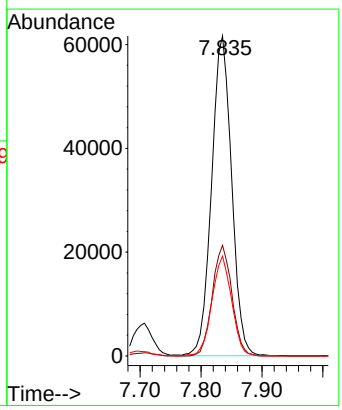
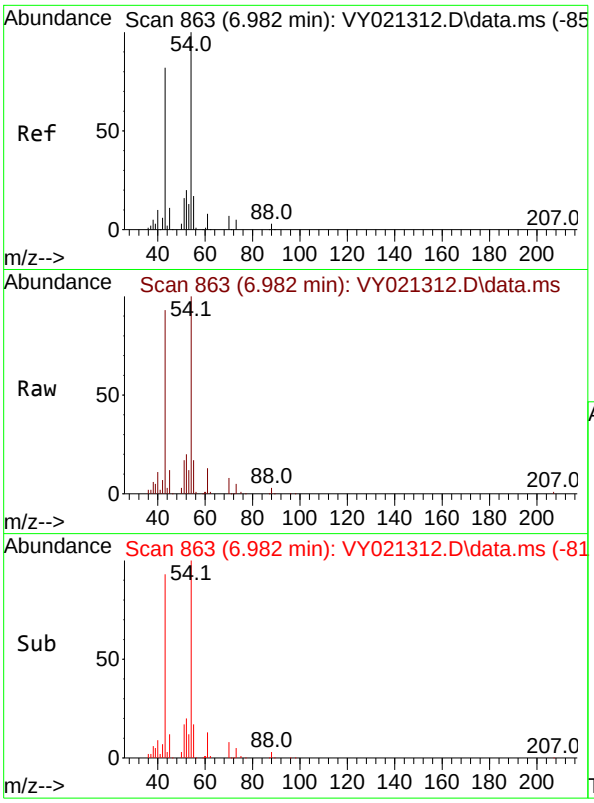


#36
1,1-Dichloropropene
Concen: 52.371 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 75 Resp: 140574

Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.9	50.7
77	30.7	24.6	36.8

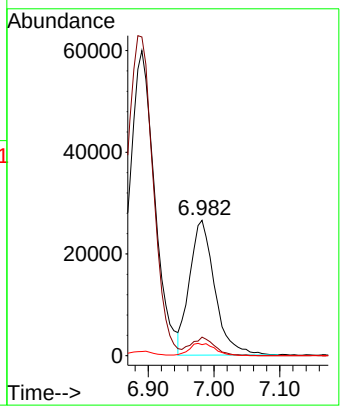




#37
Ethyl Acetate
Concen: 52.565 ug/l
RT: 6.982 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 43 Resp: 7018

Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.4	15.6
70	9.4	7.5	11.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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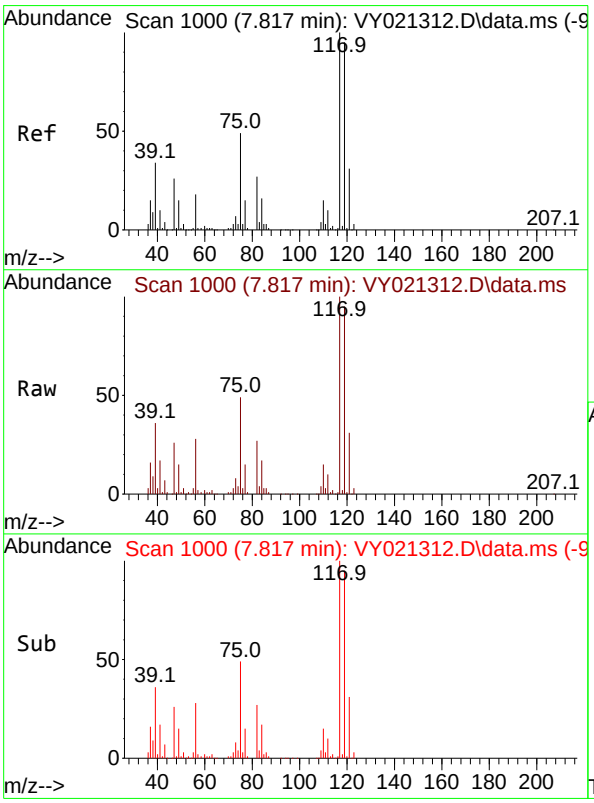
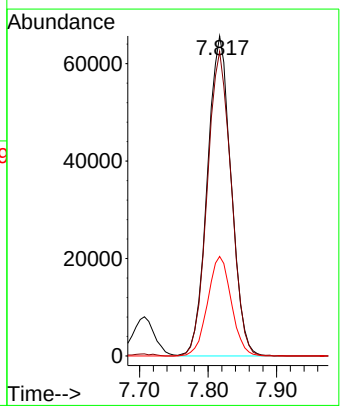
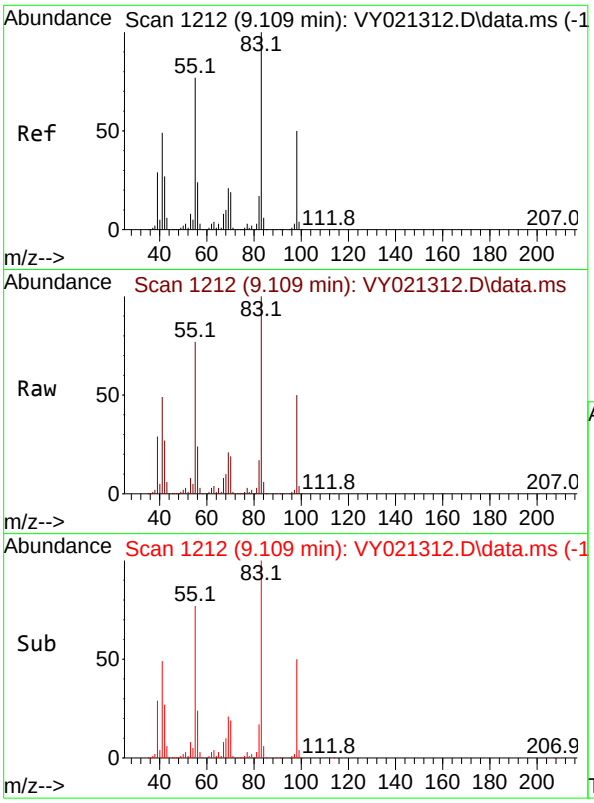


#38
Carbon Tetrachloride
Concen: 52.465 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:117 Resp: 158319

Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.0	114.0
121	31.1	24.9	37.3

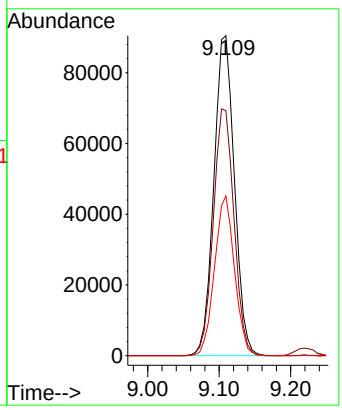




#39
Methylcyclohexane
Concen: 53.165 ug/l
RT: 9.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 83 Resp: 18049

Ion	Ratio	Lower	Upper
83	100		
55	76.6	61.3	91.9
98	49.9	39.9	59.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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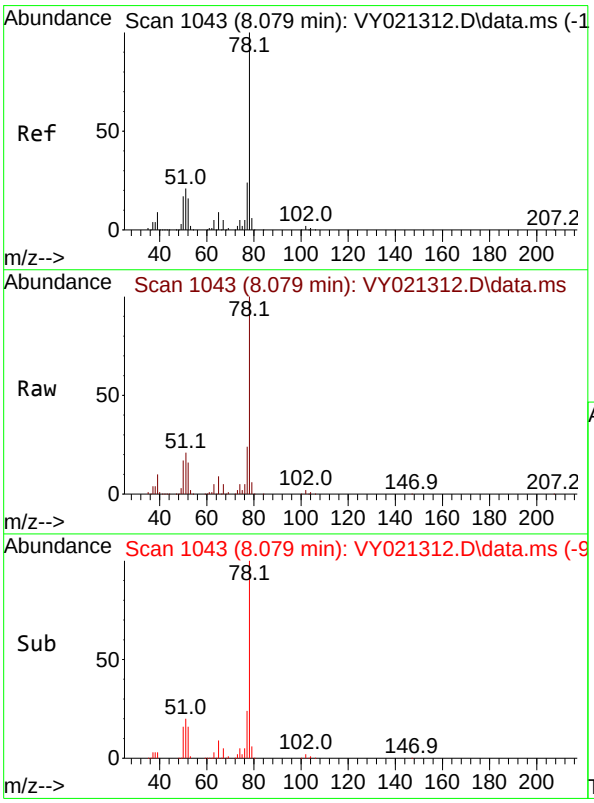
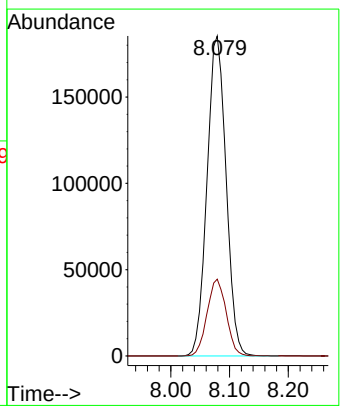
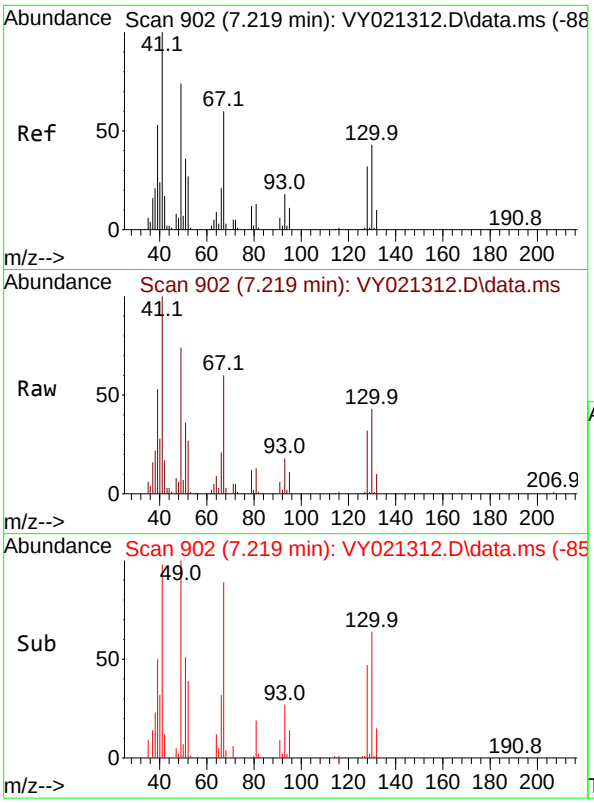


#40
Benzene
Concen: 52.655 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 78 Resp: 417798

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.2	28.8

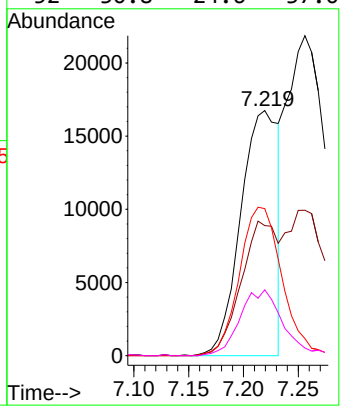




#41
Methacrylonitrile
Concen: 53.535 ug/l
RT: 7.219 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 41 Resp: 3996

Ion	Ratio	Lower	Upper
41	100		
39	52.9	42.3	63.5
67	68.5	54.8	82.2
52	30.8	24.6	37.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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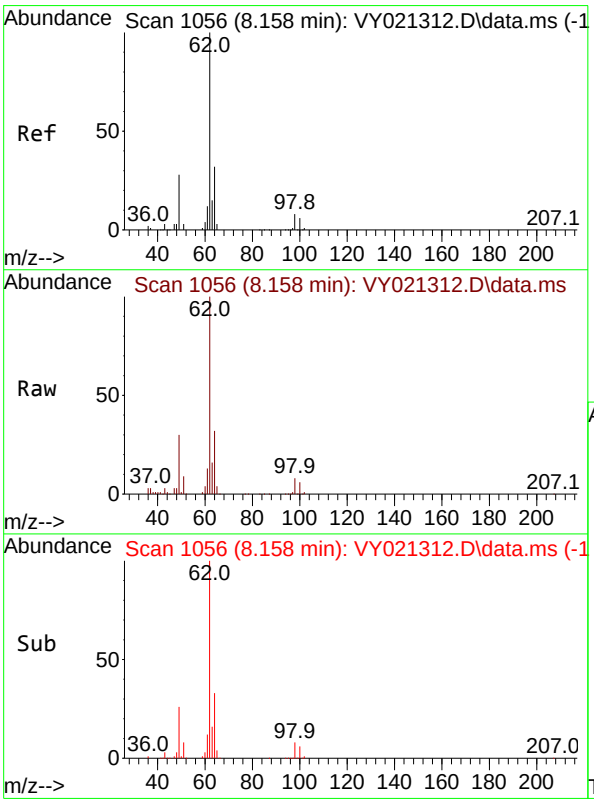
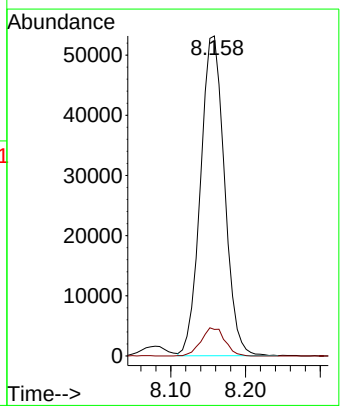
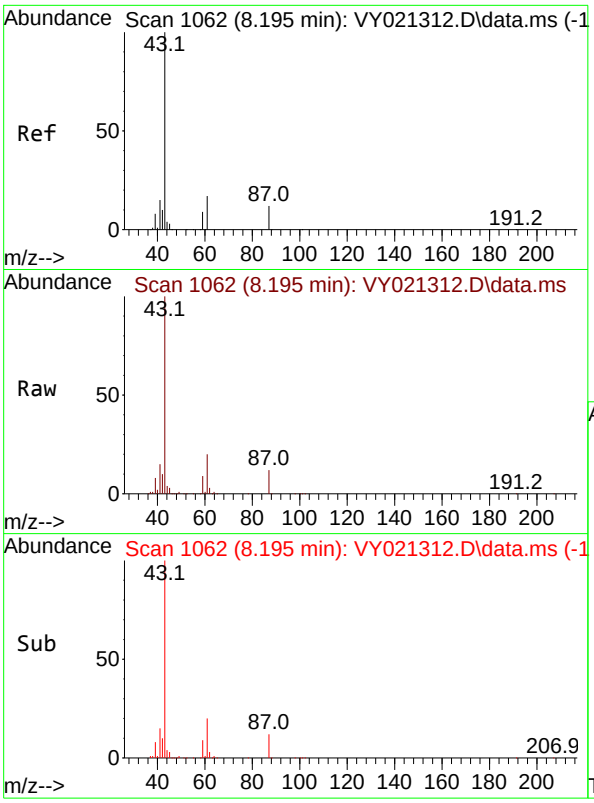


#42
1,2-Dichloroethane
Concen: 52.494 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 62 Resp: 118176

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.6

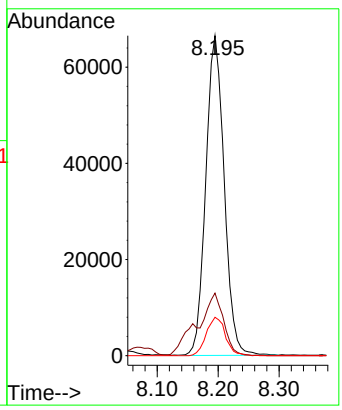




#43
Isopropyl Acetate
Concen: 54.106 ug/l
RT: 8.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 43 Resp: 13982

Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.0	22.6
87	12.5	10.0	15.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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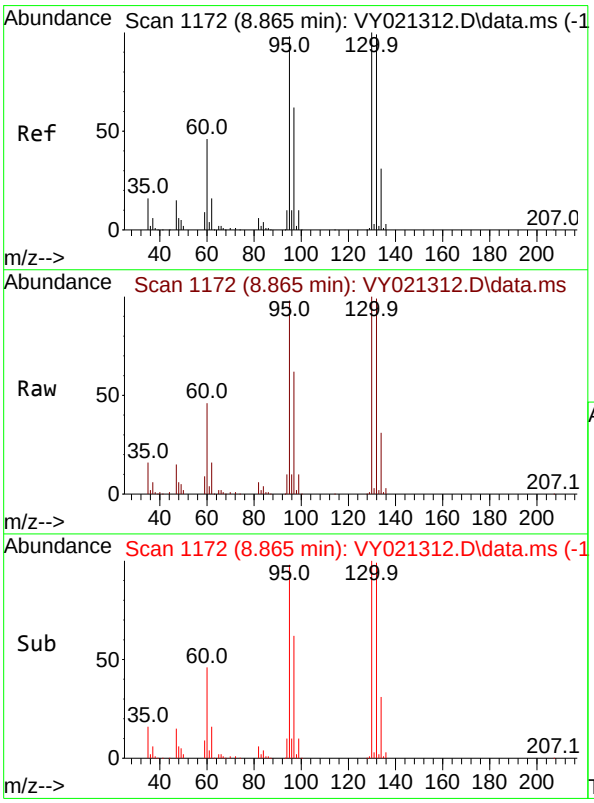
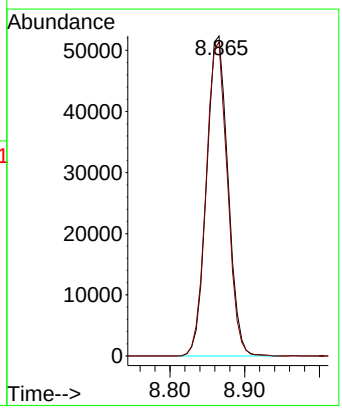
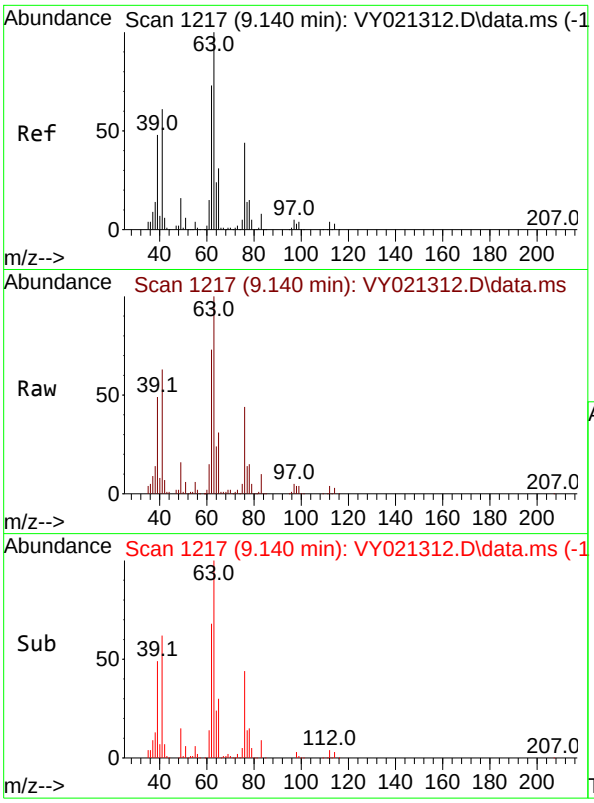


#44
Trichloroethene
Concen: 52.389 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:130 Resp: 104074

Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	196.0

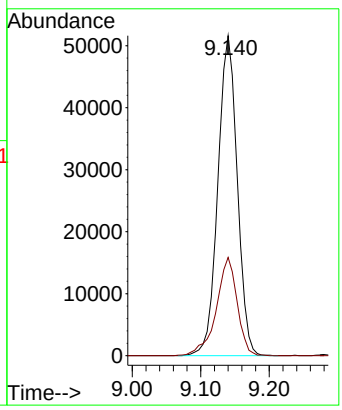




#45
1,2-Dichloropropane
Concen: 52.980 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 63 Resp: 10116

Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.6	36.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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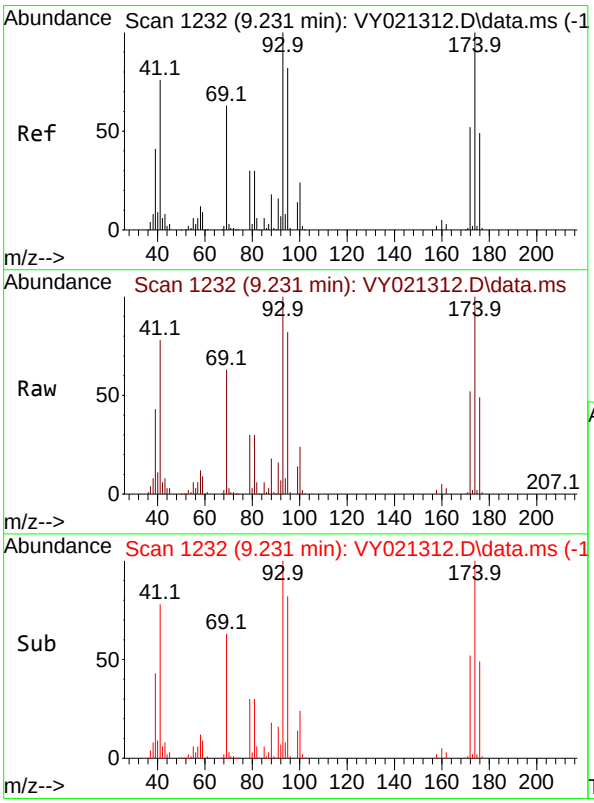
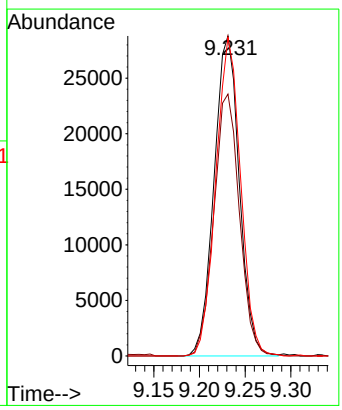
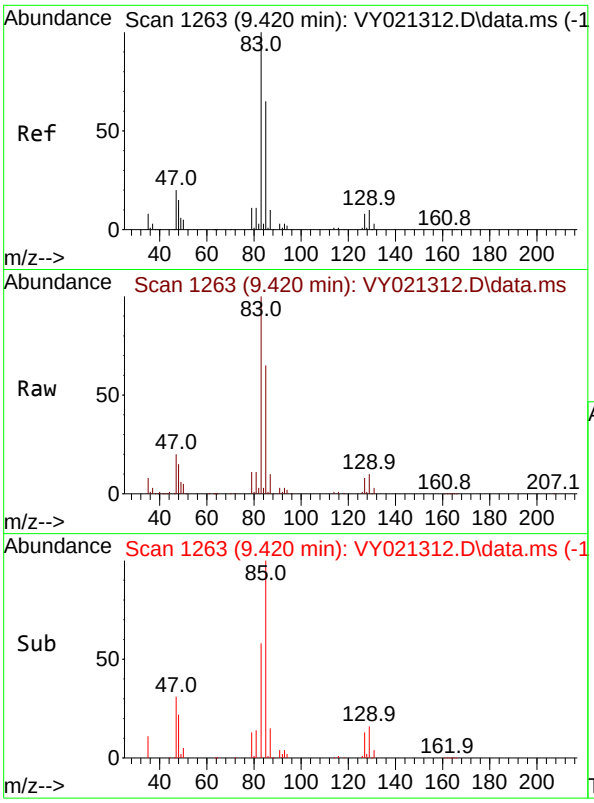


#46
Dibromomethane
Concen: 53.043 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 93 Resp: 55365

Ion	Ratio	Lower	Upper
93	100		
95	83.0	66.4	99.6
174	97.7	78.2	117.2

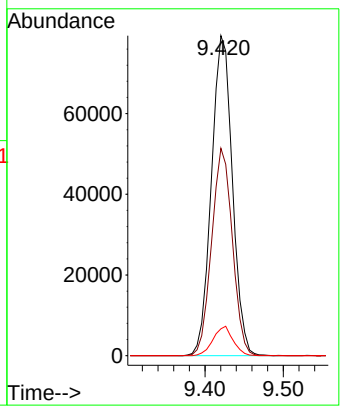




#47
Bromodichloromethane
Concen: 52.957 ug/l
RT: 9.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 83 Resp: 14738

Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.8
127	8.4	6.7	10.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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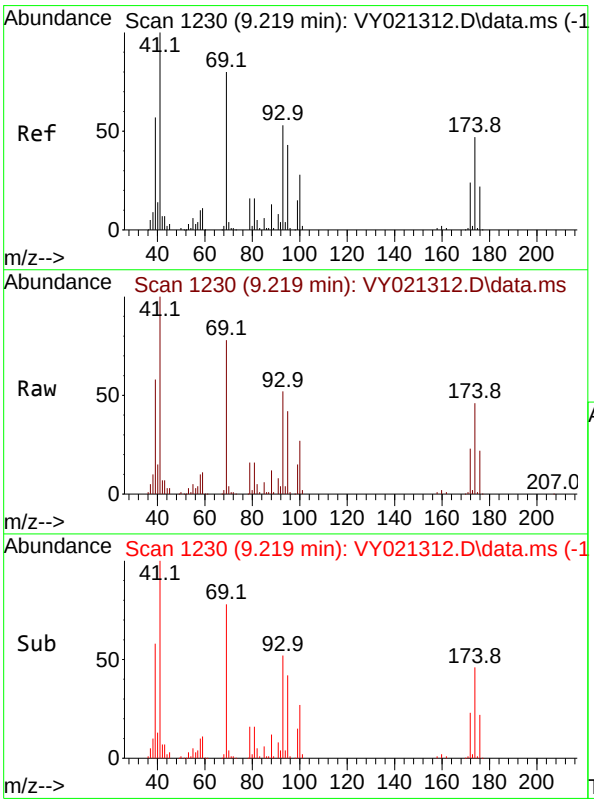
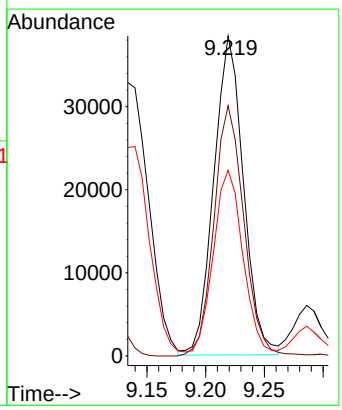
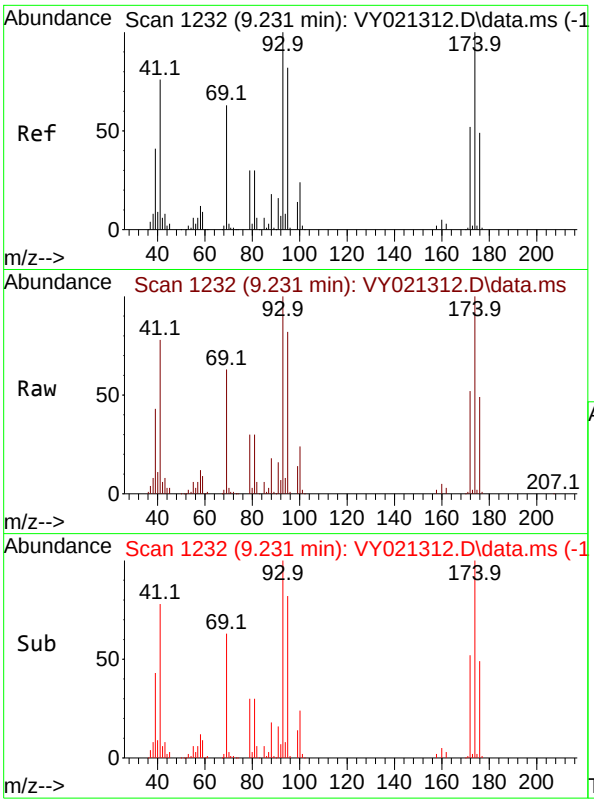


#48
Methyl methacrylate
Concen: 55.775 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 41 Resp: 67406

Ion	Ratio	Lower	Upper
41	100		
69	79.1	63.3	94.9
39	56.3	45.0	67.6





#49
1,4-Dioxane
Concen: 1050.591 ug/l
RT: 9.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 88 Resp: 1219

Ion	Ratio	Lower	Upper
88	100		
43	43.5	34.8	52.2
58	74.7	59.8	89.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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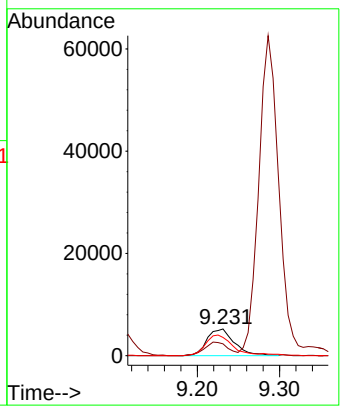
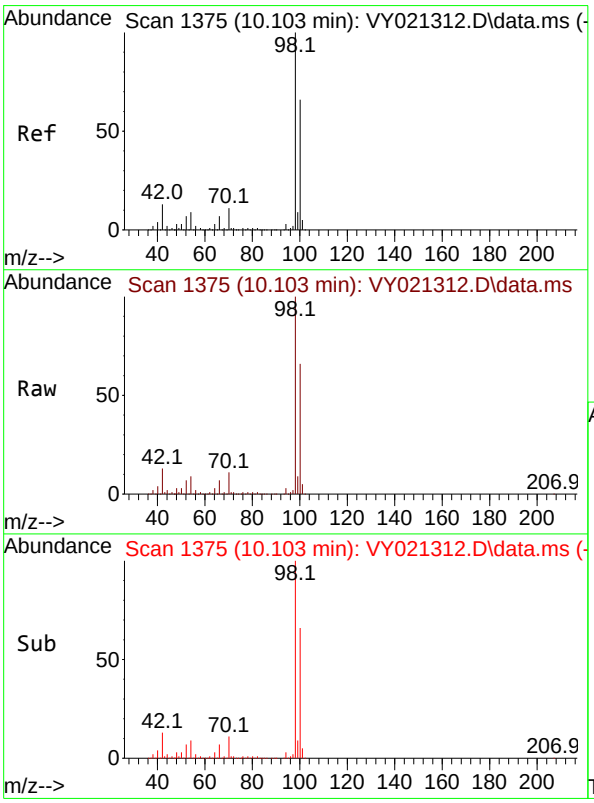
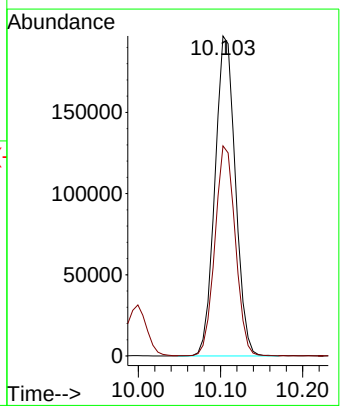


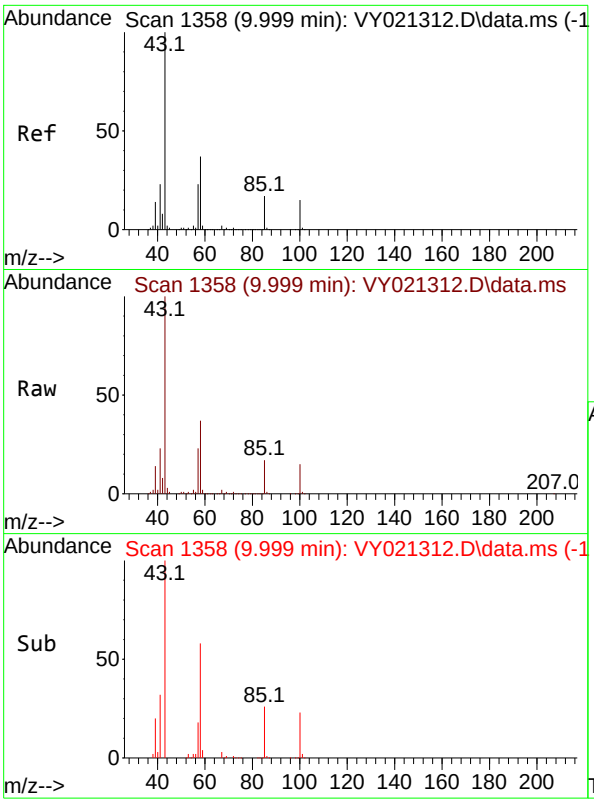


#50
Toluene-d8
Concen: 49.367 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 98 Resp: 340929

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.4	78.6

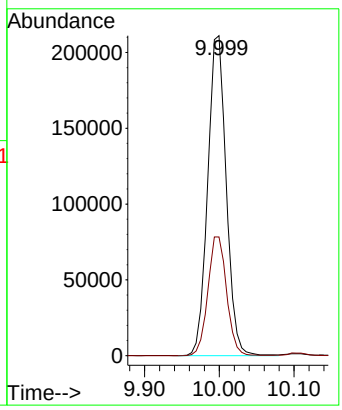




#51
4-Methyl-2-Pentanone
Concen: 275.485 ug/l
RT: 9.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 43 Resp: 36444

Ion	Ratio	Lower	Upper
43	100		
58	37.6	30.1	45.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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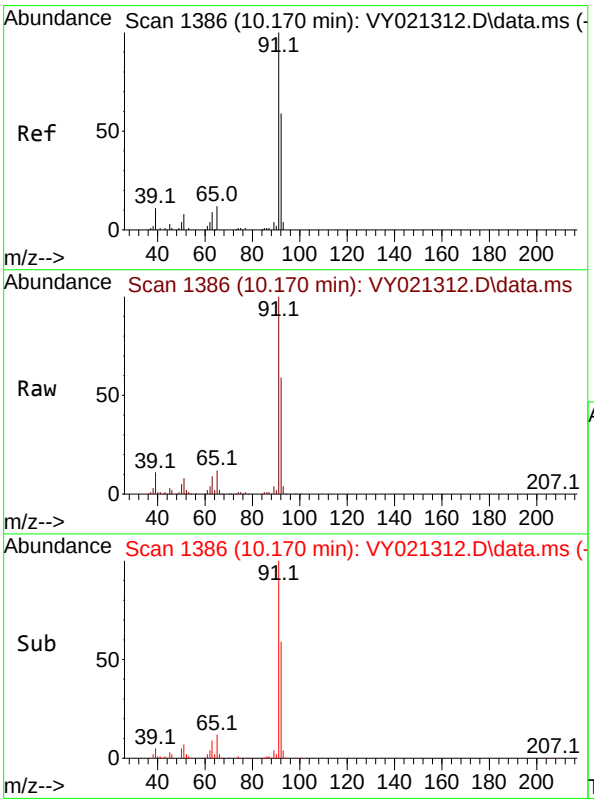
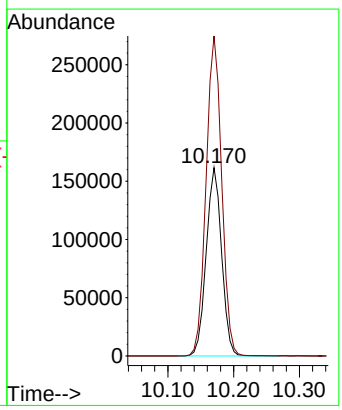
Supervised By :Mahesh Dadoda 02/26/2025

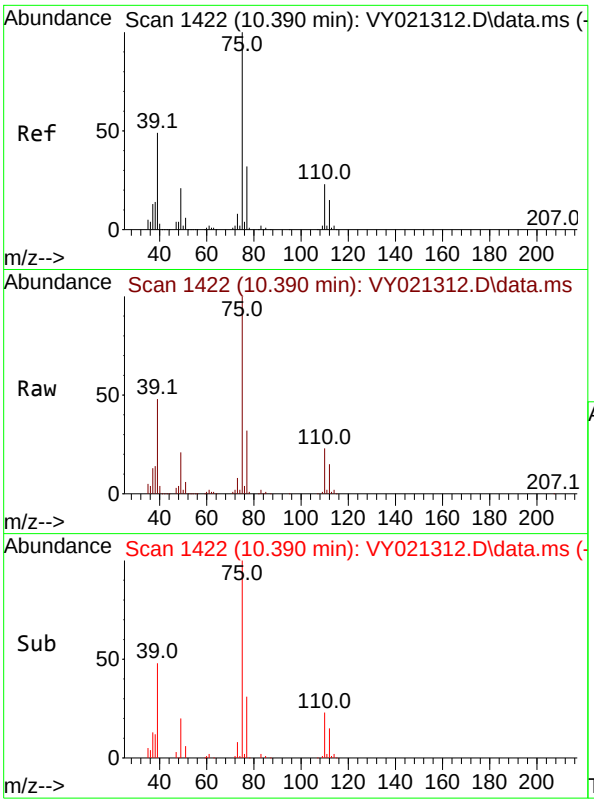


#52
Toluene
Concen: 53.367 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 92 Resp: 263062

Ion	Ratio	Lower	Upper
92	100		
91	172.3	137.8	206.8

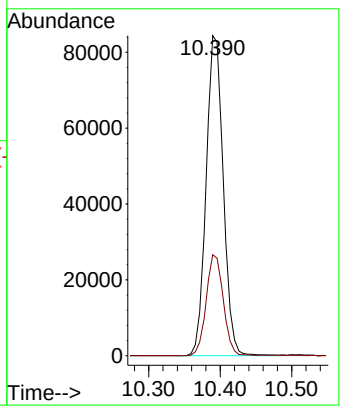




#53
t-1,3-Dichloropropene
Concen: 55.062 ug/l
RT: 10.390 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 75 Resp: 140399

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.3	37.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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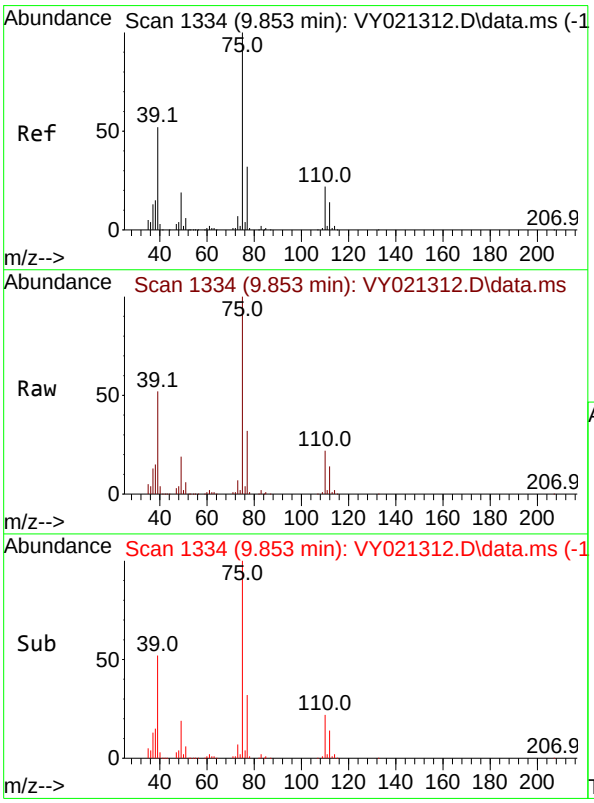
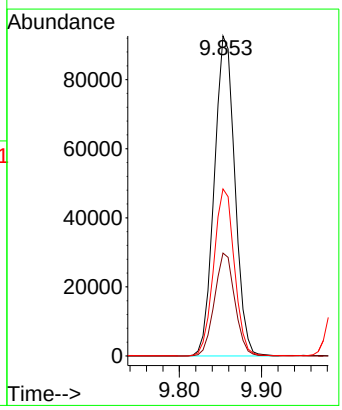
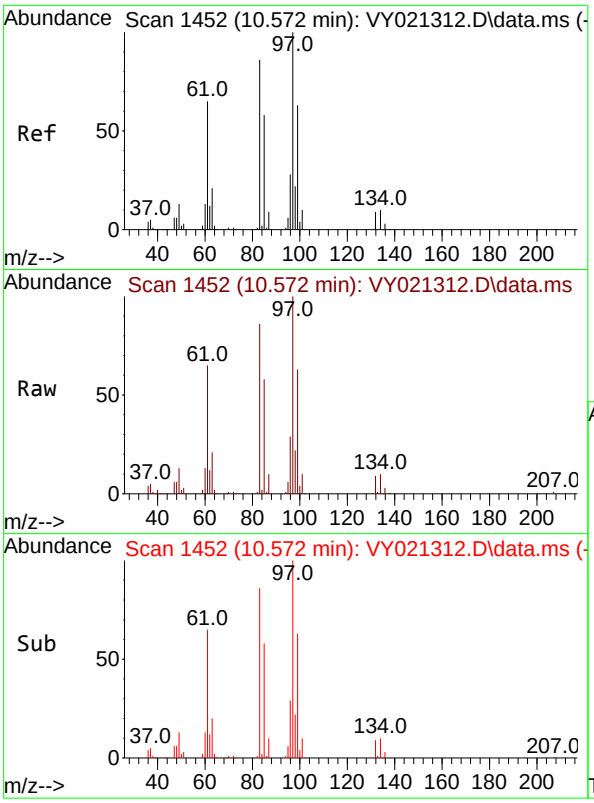


#54
cis-1,3-Dichloropropene
Concen: 53.492 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 75 Resp: 161021

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.7	38.5
39	52.2	41.8	62.6

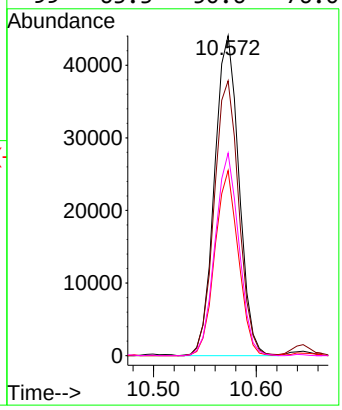




#55
1,1,2-Trichloroethane
Concen: 53.481 ug/l
RT: 10.572 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 97 Resp: 7272

Ion	Ratio	Lower	Upper
97	100		
83	85.9	68.7	103.1
85	57.9	46.3	69.5
99	63.3	50.6	76.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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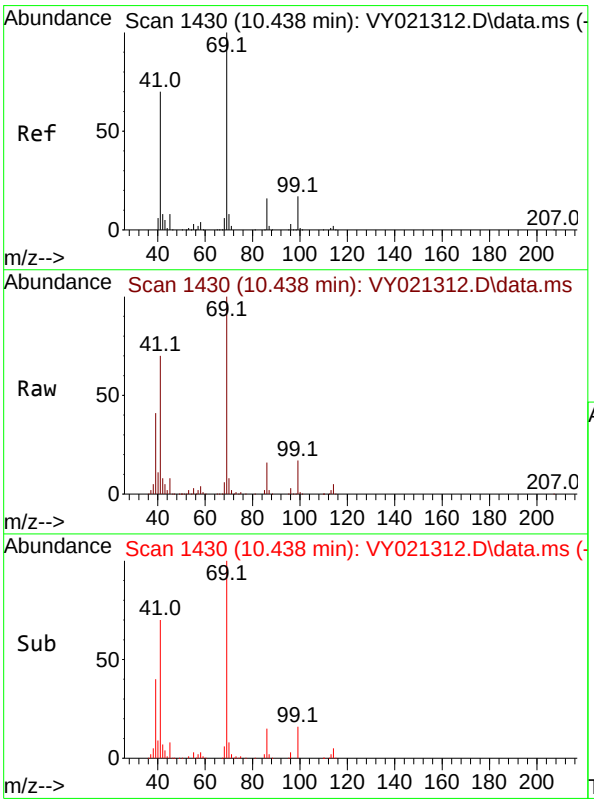
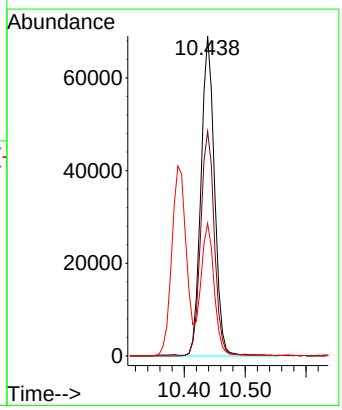
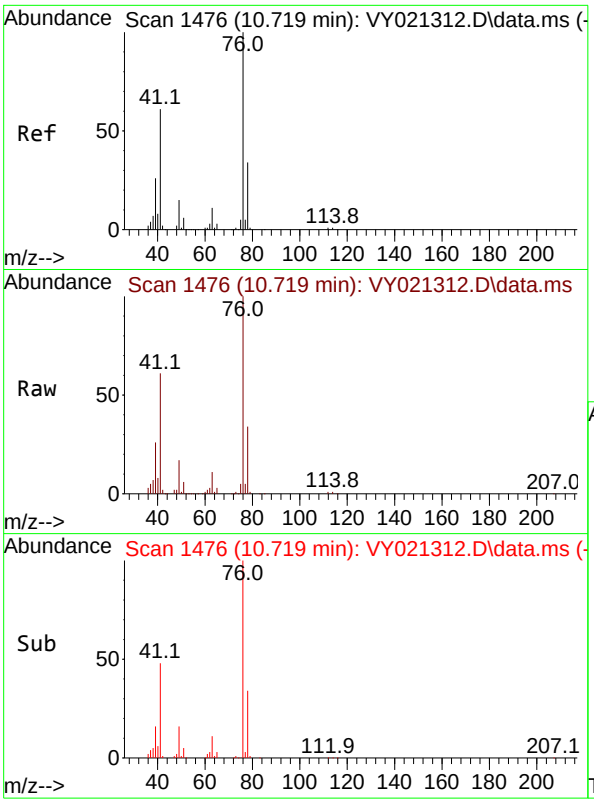


#56
Ethyl methacrylate
Concen: 56.904 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 69 Resp: 106914

Ion	Ratio	Lower	Upper
69	100		
41	70.3	56.2	84.4
39	40.9	32.7	49.1

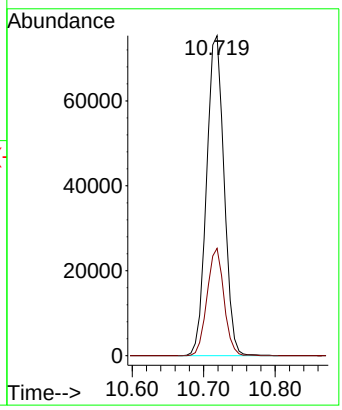




#57
1,3-Dichloropropane
Concen: 53.559 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 76 Resp: 12779

Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.9	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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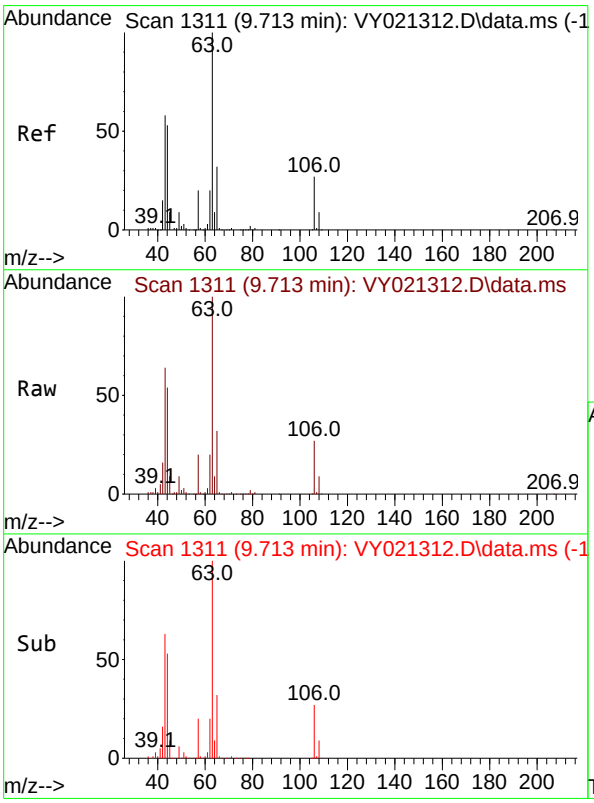
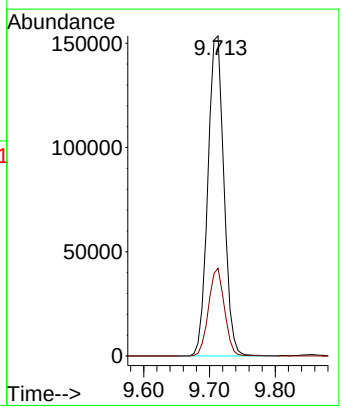
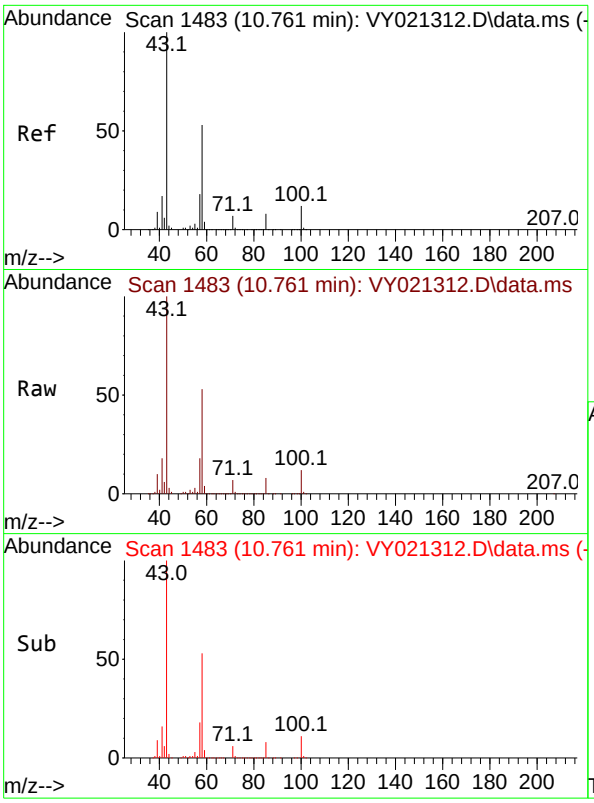


#58
2-Chloroethyl Vinyl ether
Concen: 289.104 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 63 Resp: 260718

Ion	Ratio	Lower	Upper
63	100		
106	27.1	21.7	32.5





#59
2-Hexanone
Concen: 287.258 ug/l
RT: 10.761 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 43 Resp: 24957

Ion	Ratio	Lower	Upper
43	100		
58	51.7	25.9	77.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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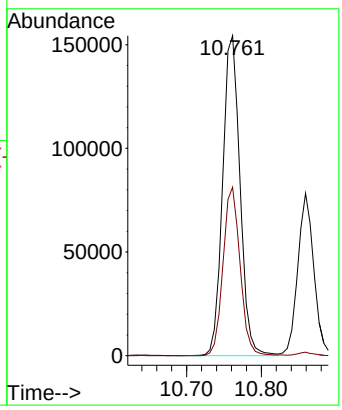
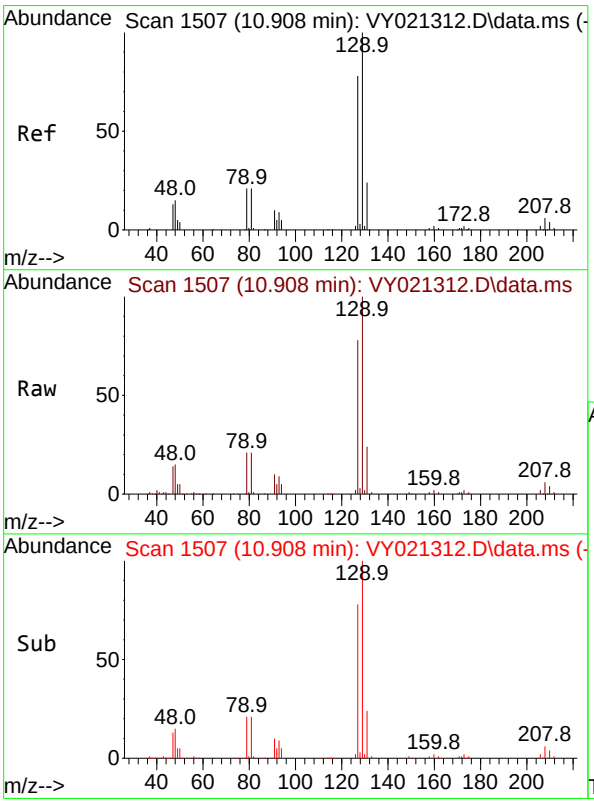
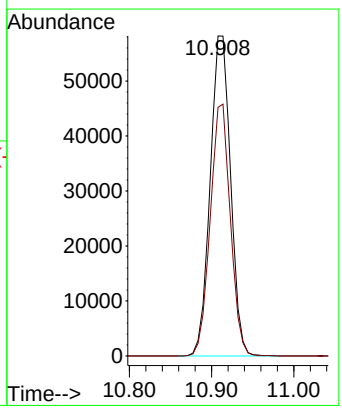


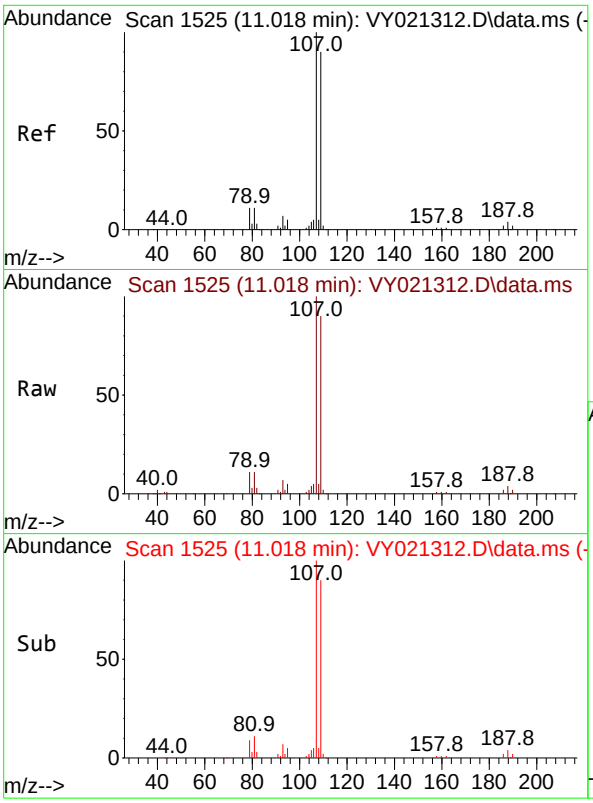


#60
Dibromochloromethane
Concen: 54.134 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:129 Resp: 100250

Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.8	116.4

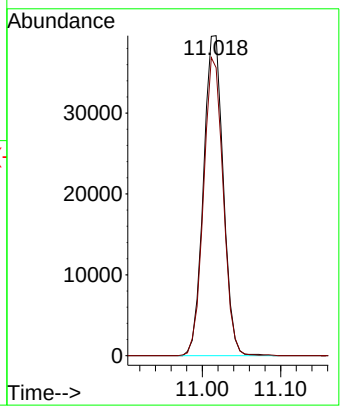




#61
1,2-Dibromoethane
Concen: 53.783 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:107 Resp: 6923

Ion	Ratio	Lower	Upper
107	100		
109	92.3	73.8	110.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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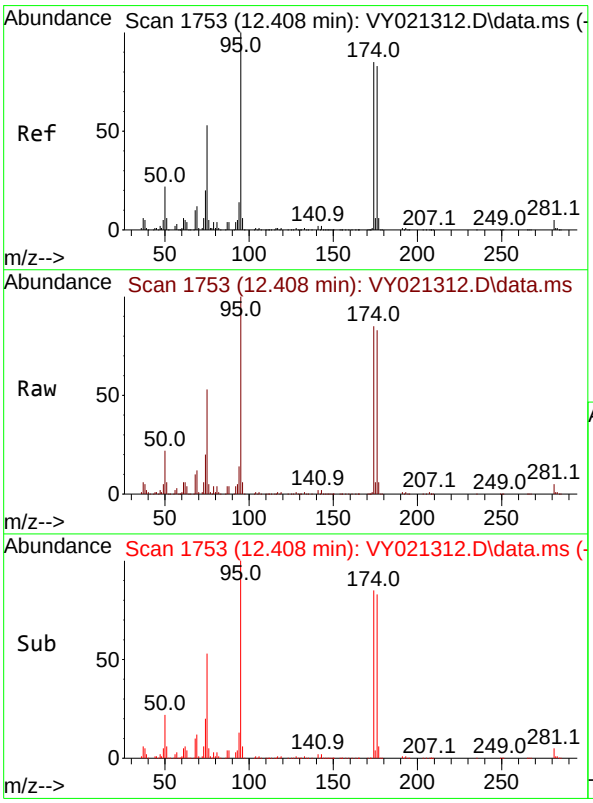
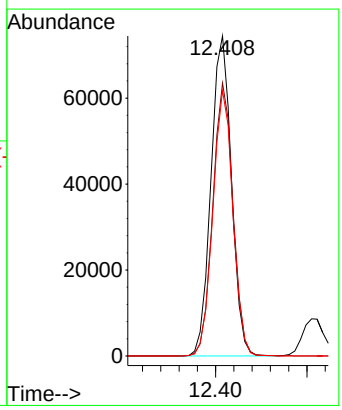
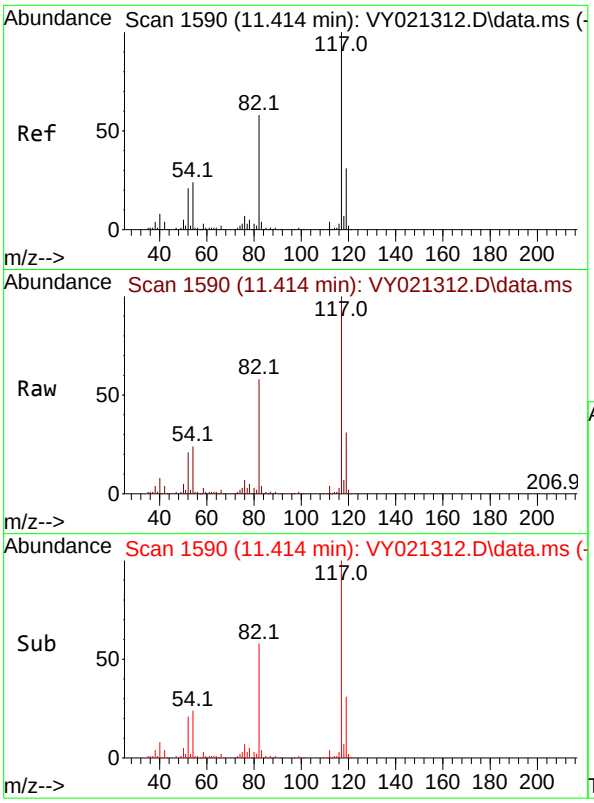


#62
4-Bromofluorobenzene
Concen: 49.652 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 95 Resp: 115401

Ion	Ratio	Lower	Upper
95	100		
174	84.0	0.0	168.0
176	81.3	0.0	162.6

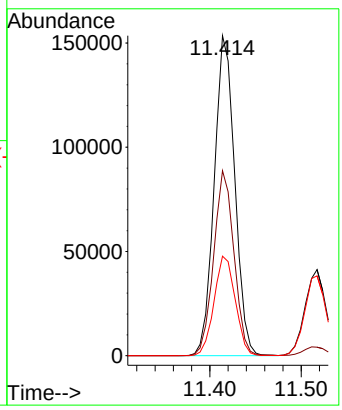




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:117 Resp: 23972

Ion	Ratio	Lower	Upper
117	100		
82	57.8	46.2	69.4
119	31.1	24.9	37.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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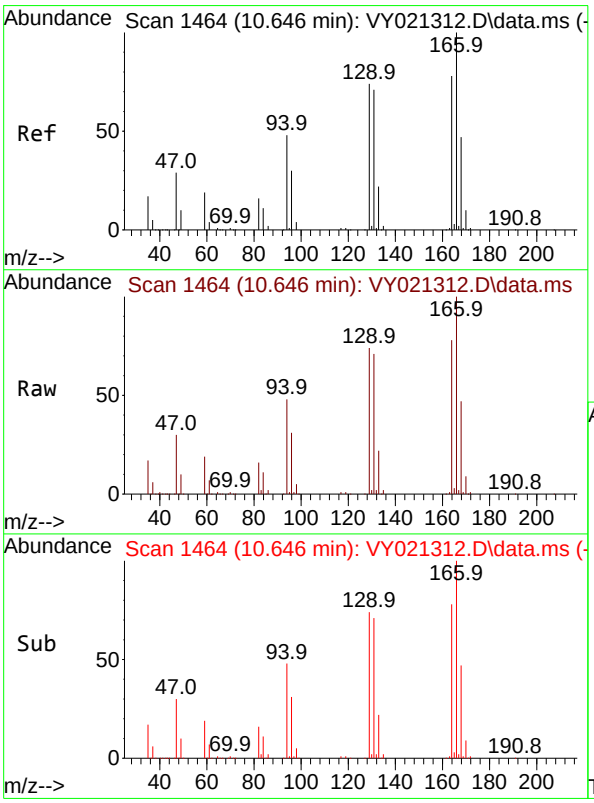
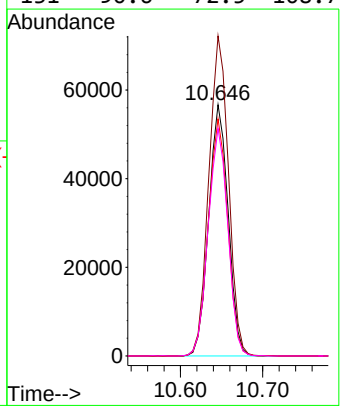
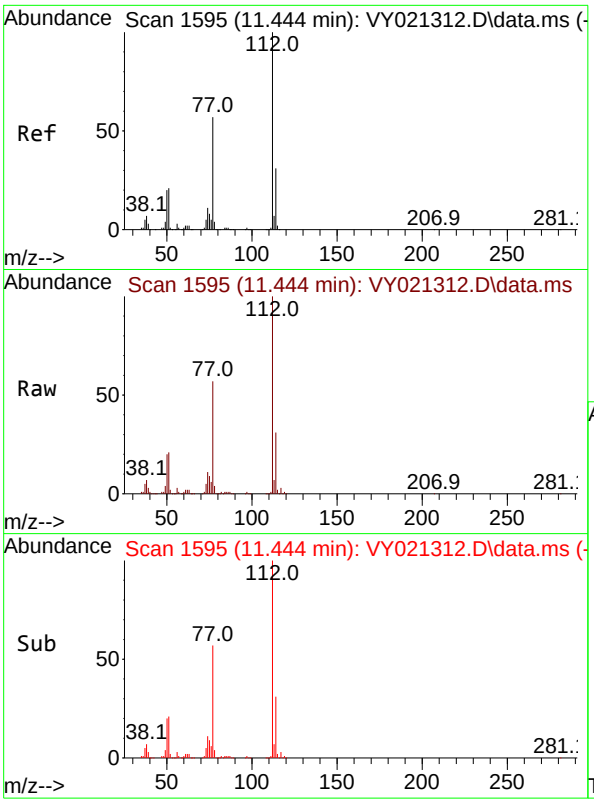


#64
Tetrachloroethene
Concen: 51.501 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:164 Resp: 93317

Ion	Ratio	Lower	Upper
164	100		
166	127.4	101.9	152.9
129	94.4	75.5	113.3
131	90.6	72.5	108.7

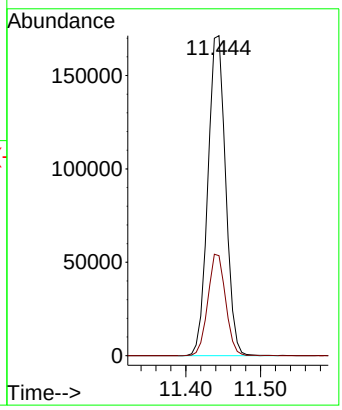




#65
Chlorobenzene
Concen: 52.390 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:112 Resp: 28191

Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.0	37.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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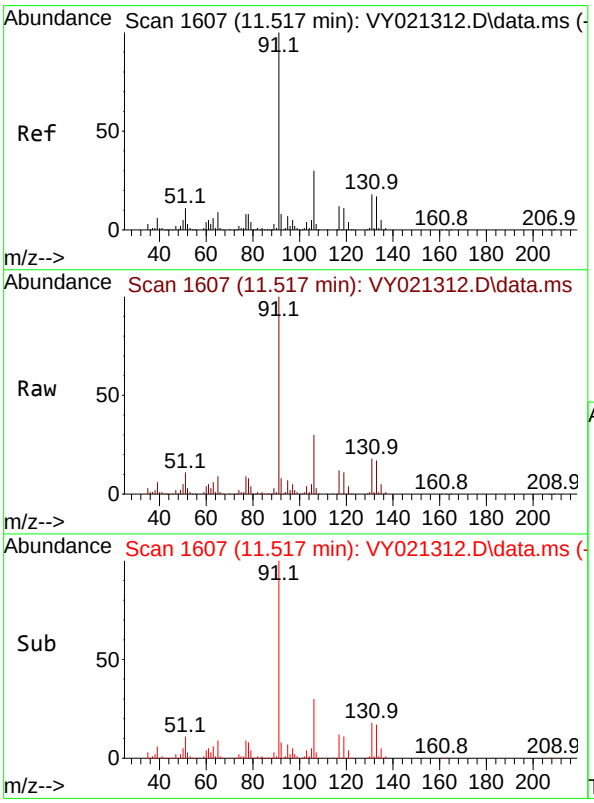
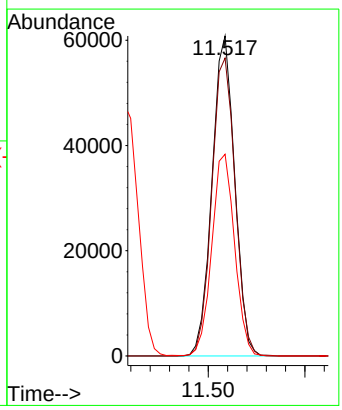
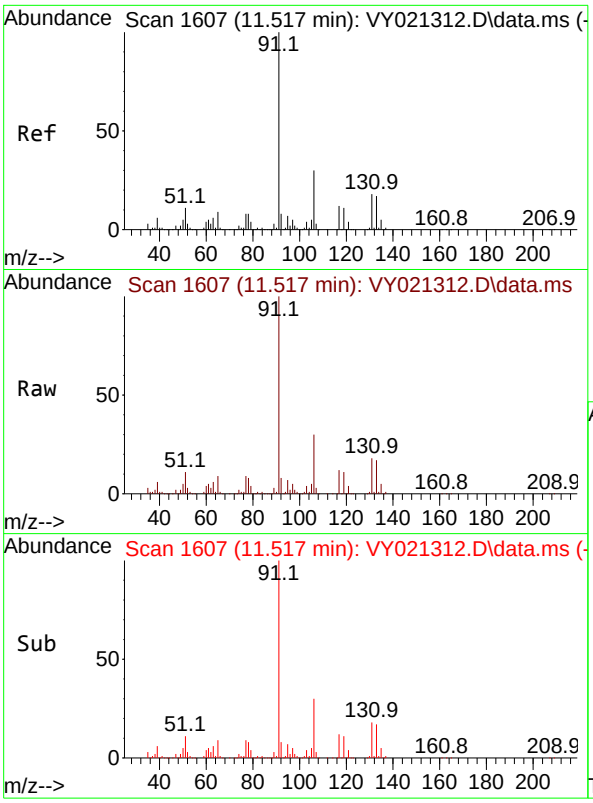


#66
1,1,1,2-Tetrachloroethane
Concen: 52.611 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:131 Resp: 99131

Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.9	143.6
119	63.4	31.7	95.1

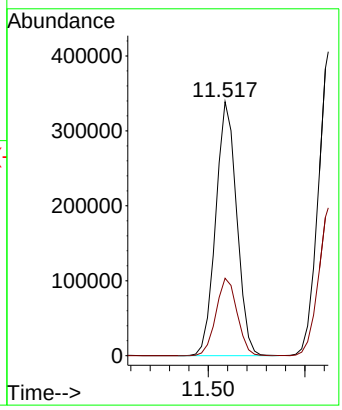




#67
Ethyl Benzene
Concen: 53.573 ug/l
RT: 11.517 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 91 Resp: 51063

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.4	36.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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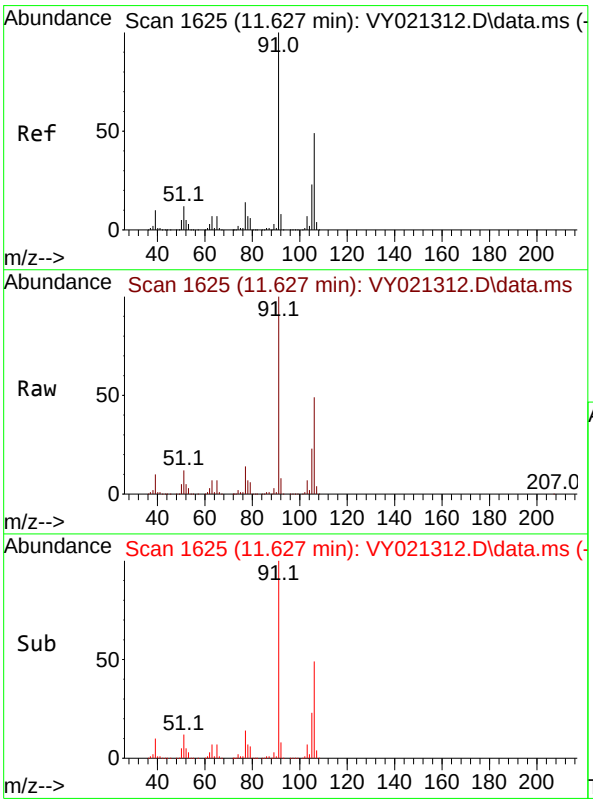
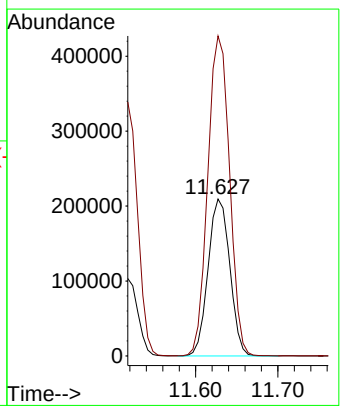
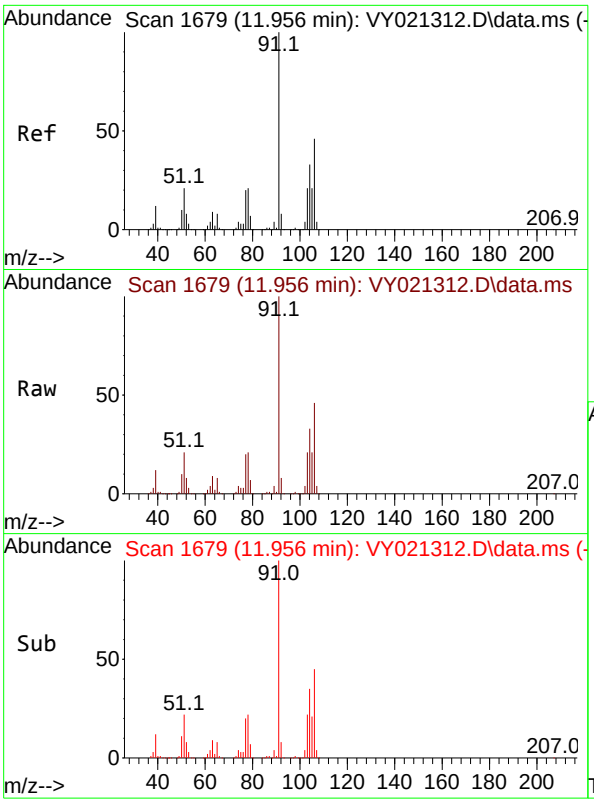


#68
m/p-Xylenes
Concen: 107.204 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:106 Resp: 384346

Ion	Ratio	Lower	Upper
106	100		
91	204.9	163.9	245.9

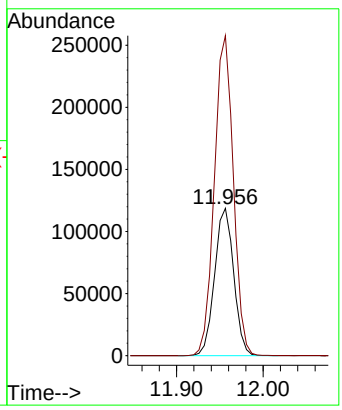




#69
o-Xylene
Concen: 54.108 ug/l
RT: 11.956 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:106 Resp: 18172

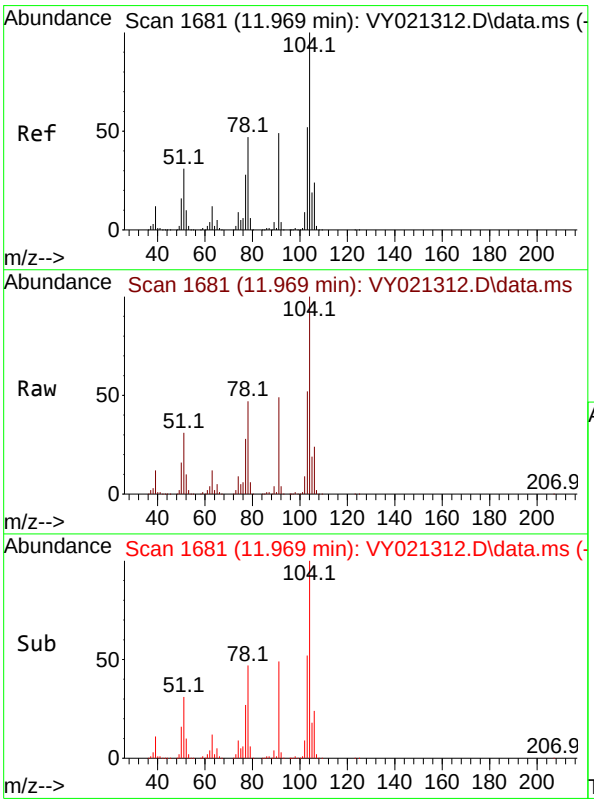
Ion	Ratio	Lower	Upper
106	100		
91	216.1	108.1	324.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

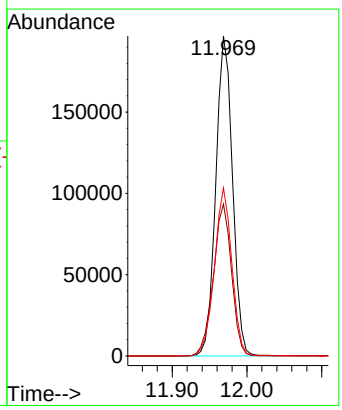
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

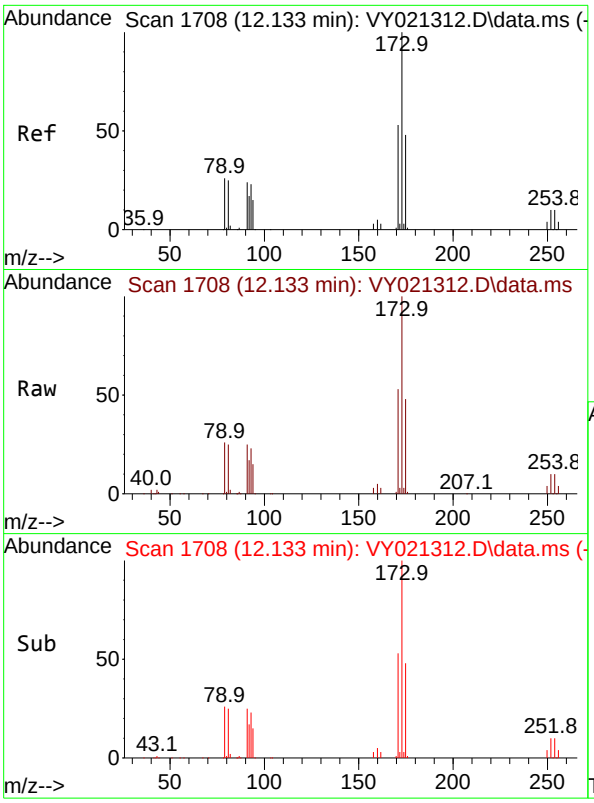


#70
Styrene
Concen: 54.760 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:104 Resp: 306007

Ion	Ratio	Lower	Upper
104	100		
78	51.6	41.3	61.9
103	54.9	43.9	65.9

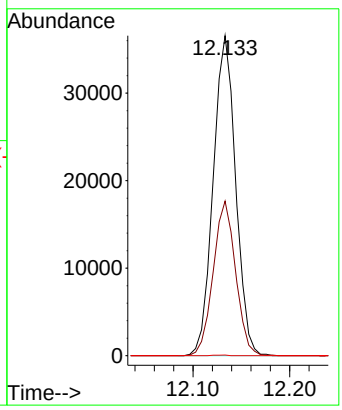




#71
Bromoform
Concen: 54.605 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:173 Resp: 5886

Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.1	72.3
254	0.1	0.1	0.1



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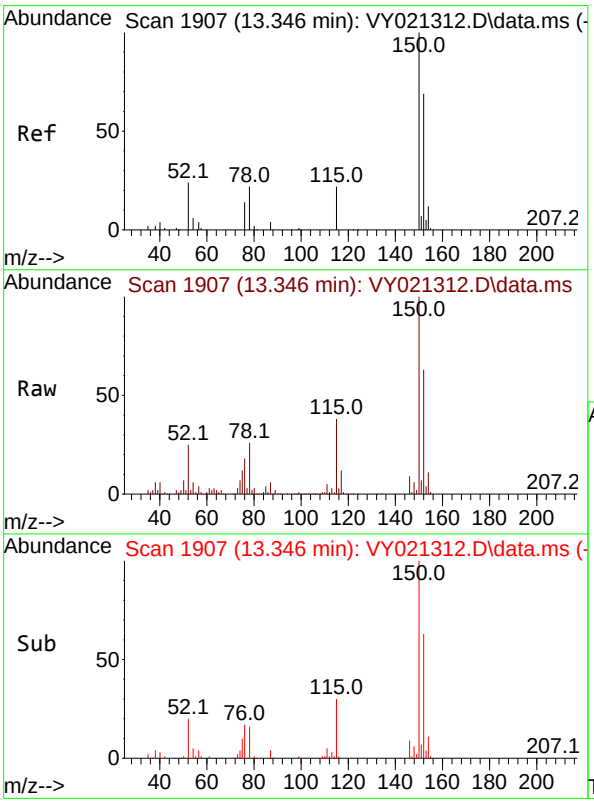
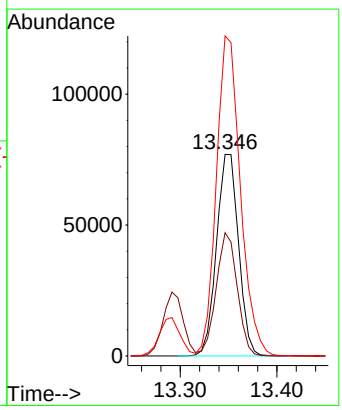
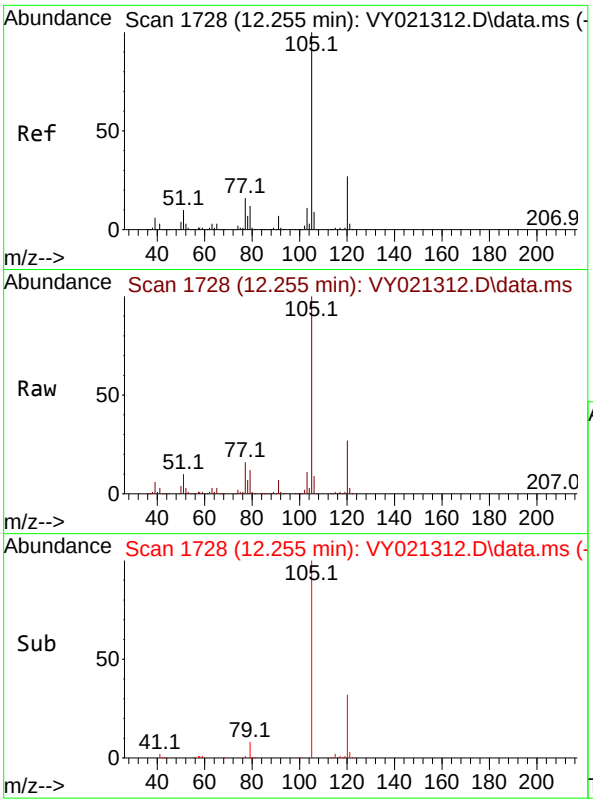


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:152 Resp: 121718

Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.3	88.0
150	173.7	0.0	347.4

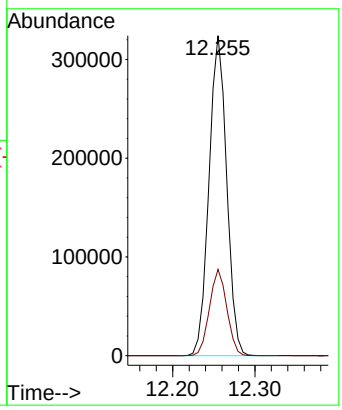




#73
Isopropylbenzene
Concen: 52.885 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:105 Resp: 48393

Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.3	39.8



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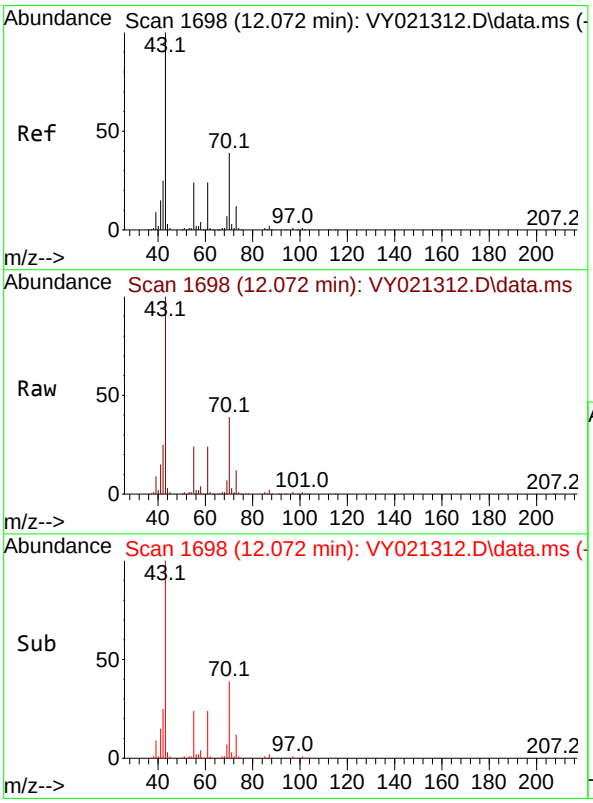
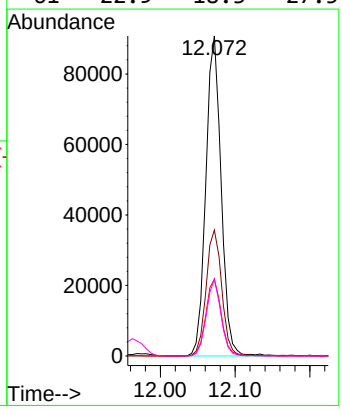
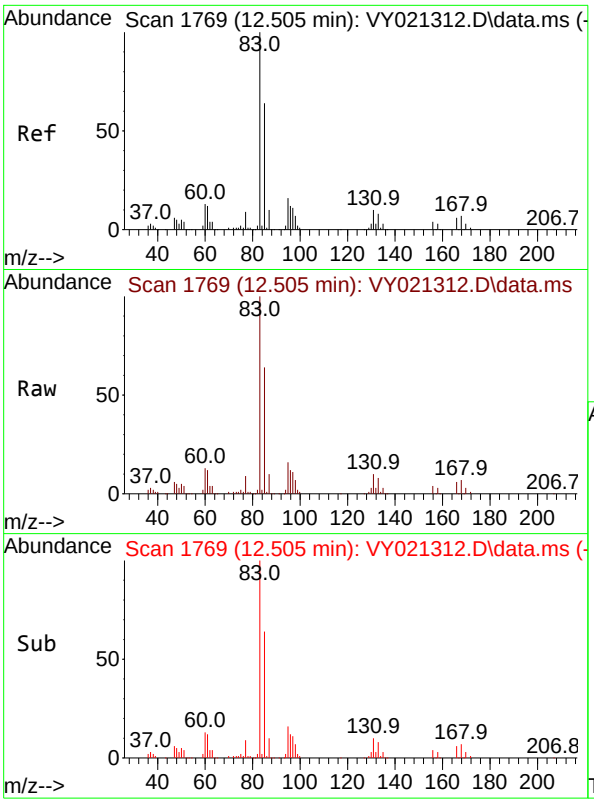


#74
N-amyl acetate
Concen: 55.471 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 43 Resp: 129020

Ion	Ratio	Lower	Upper
43	100		
70	40.2	32.2	48.2
55	24.5	19.6	29.4
61	22.9	18.3	27.5

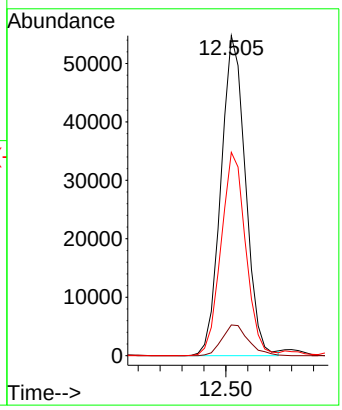




#75
1,1,2,2-Tetrachloroethane
Concen: 52.566 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 83 Resp: 8489

Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.2	15.6
85	64.0	32.0	96.0



Instrument :
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ClientSampleId :
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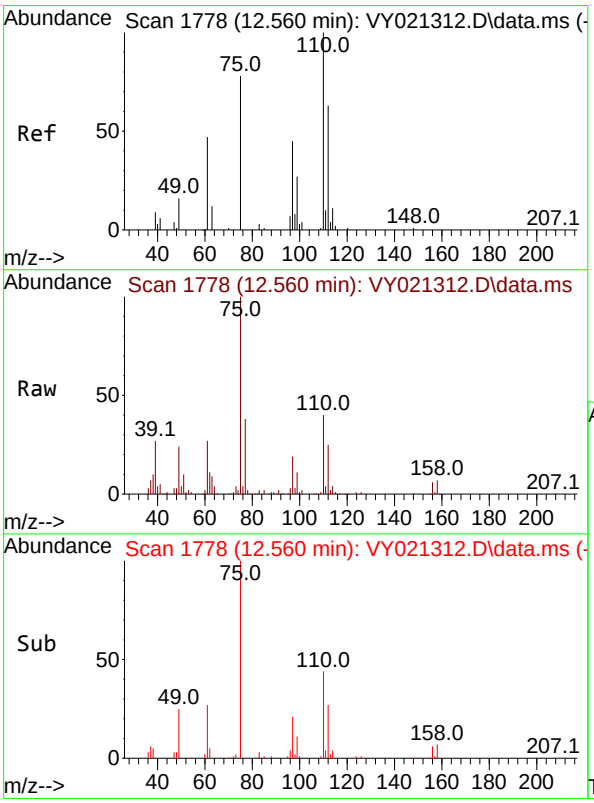
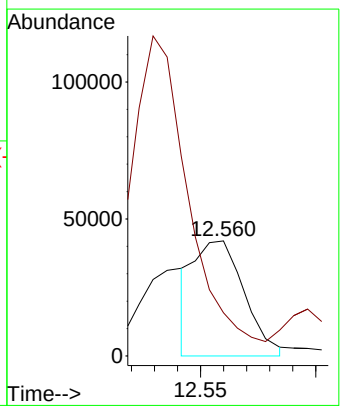
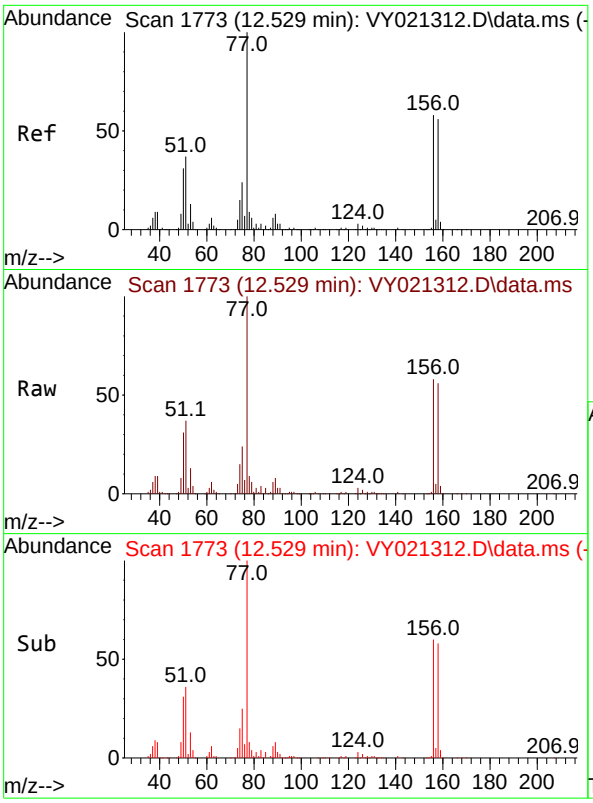


#76
1,2,3-Trichloropropane
Concen: 51.954 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 75 Resp: 63683

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

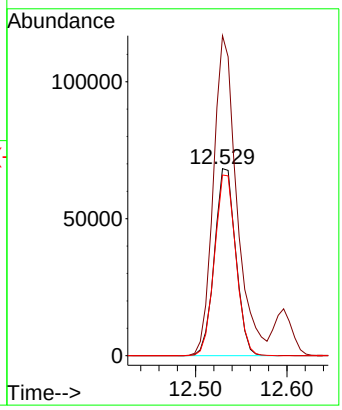




#77
Bromobenzene
Concen: 51.935 ug/l
RT: 12.529 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:156 Resp: 11053

Ion	Ratio	Lower	Upper
156	100		
77	188.1	94.0	282.1
158	97.4	48.7	146.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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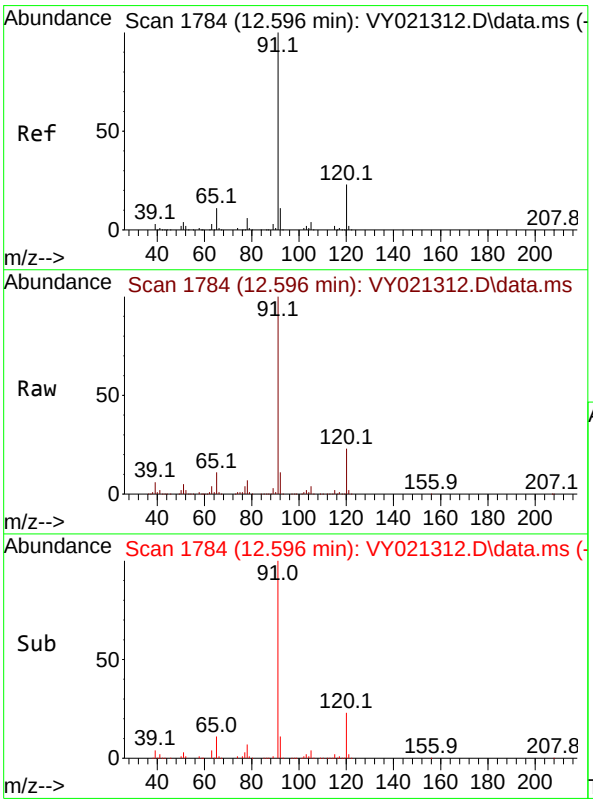
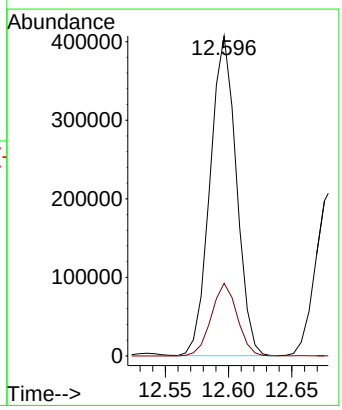
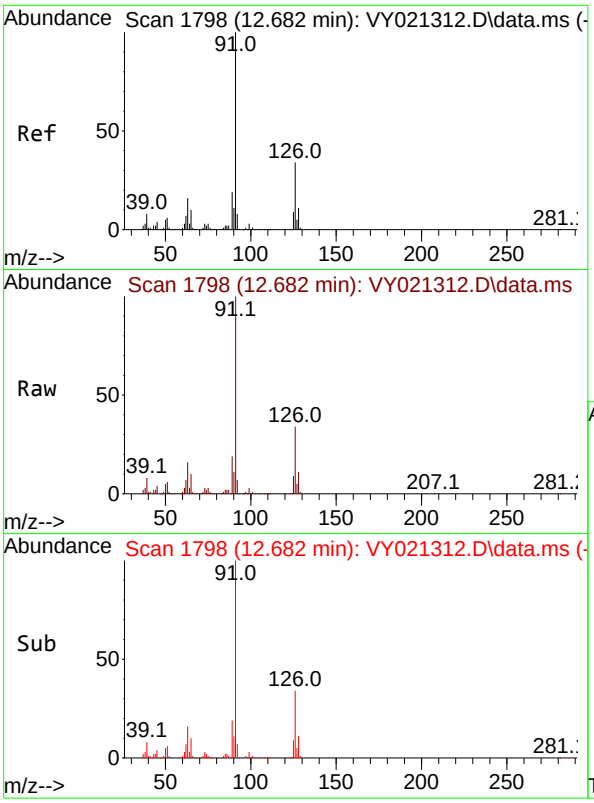


#78
n-propylbenzene
Concen: 52.946 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 91 Resp: 587915

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.2	33.5

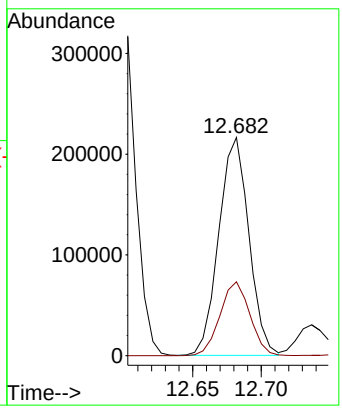




#79
2-Chlorotoluene
Concen: 51.857 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 91 Resp: 33047

Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.9	50.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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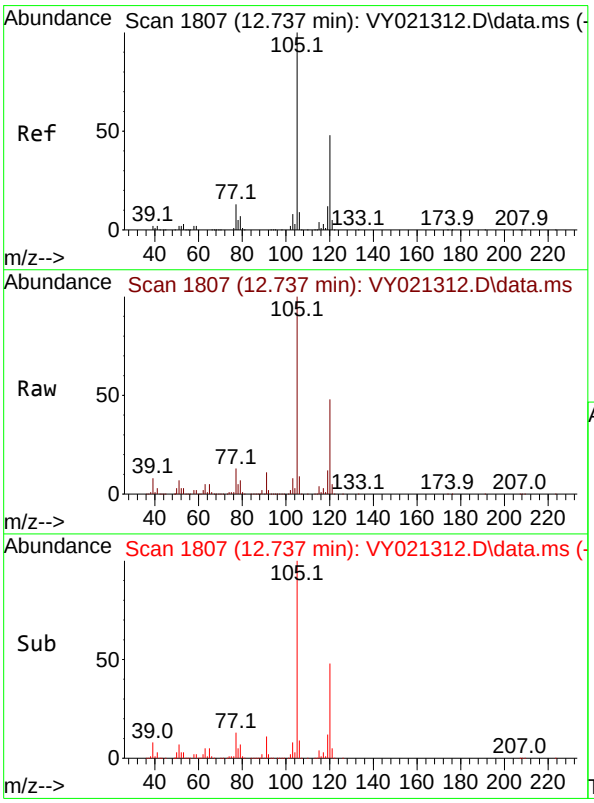
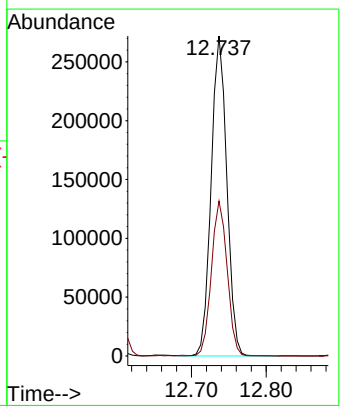
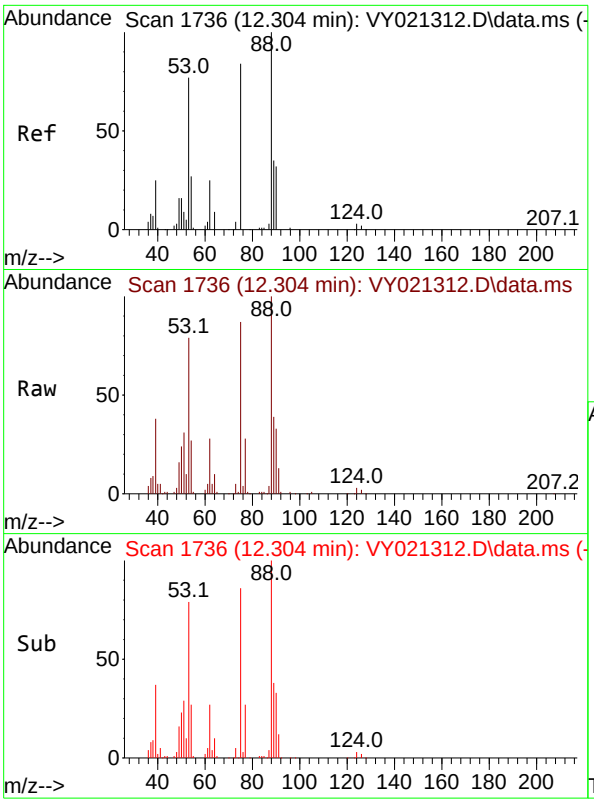


#80
1,3,5-Trimethylbenzene
Concen: 52.712 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:105 Resp: 395609

Ion	Ratio	Lower	Upper
105	100		
120	48.7	24.3	73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 54.090 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 75 Resp: 2964

Ion	Ratio	Lower	Upper
75	100		
53	98.9	79.1	118.7
89	44.5	35.6	53.4

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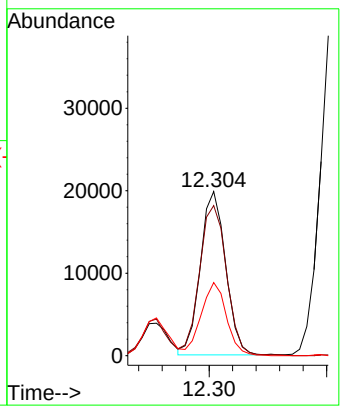
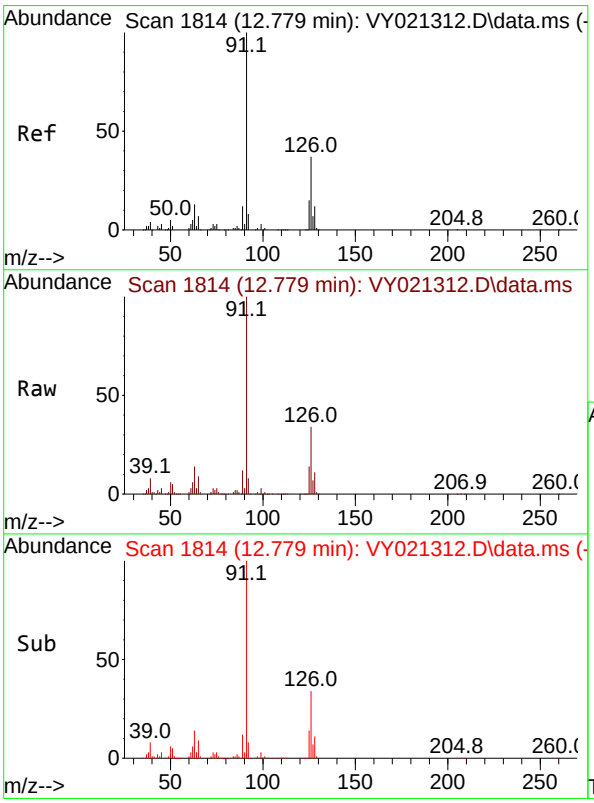
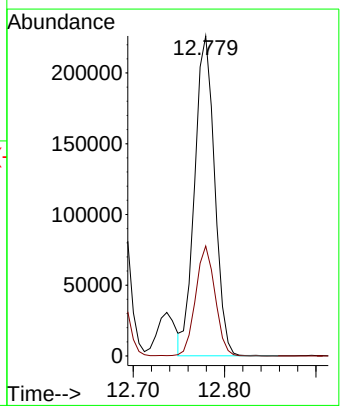


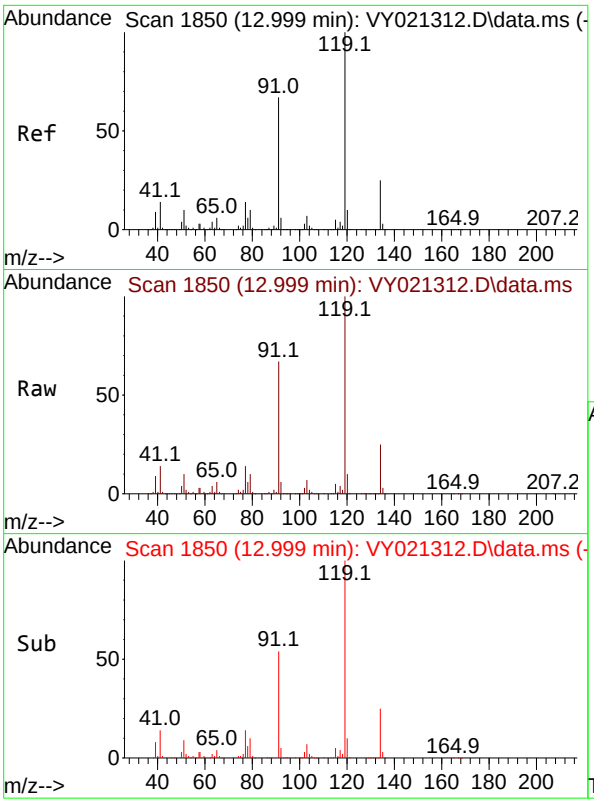


#82
4-Chlorotoluene
Concen: 51.864 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 91 Resp: 342611

Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.8	50.4

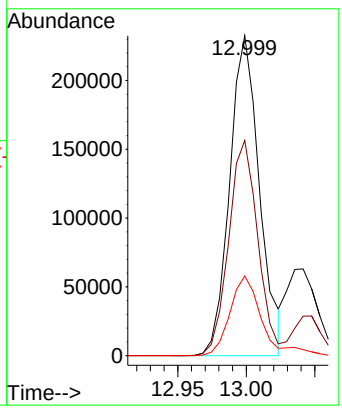




#83
tert-Butylbenzene
Concen: 51.930 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:119 Resp: 35205

Ion	Ratio	Lower	Upper
119	100		
91	65.4	32.7	98.1
134	26.6	13.3	39.9



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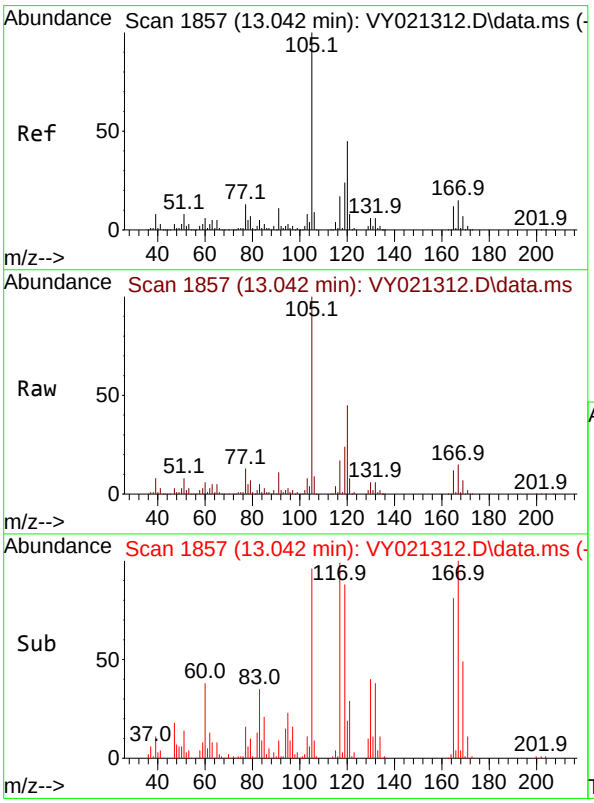
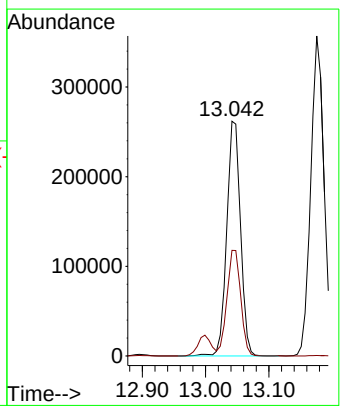
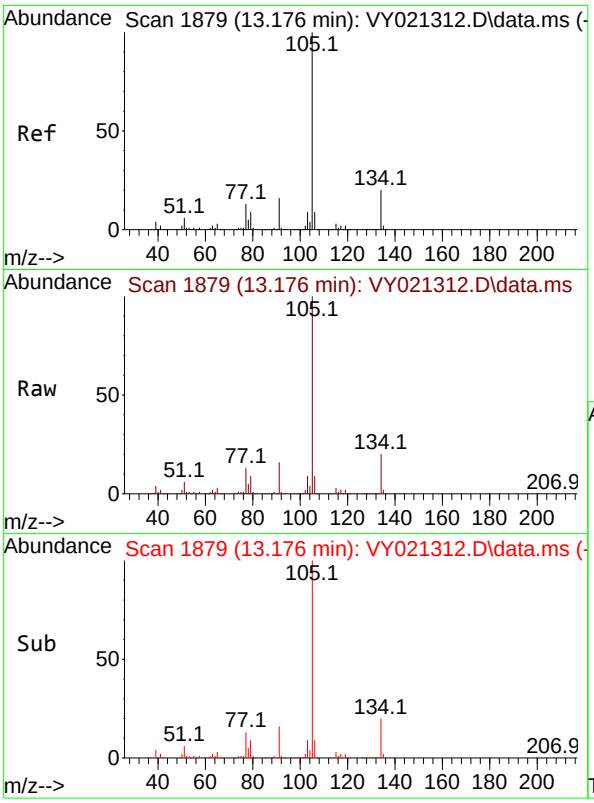


#84
1,2,4-Trimethylbenzene
Concen: 52.962 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:105 Resp: 395315

Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.4	67.3

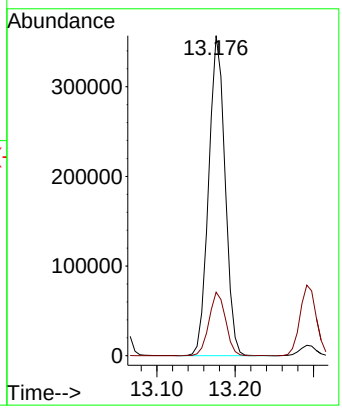




#85
sec-Butylbenzene
Concen: 52.319 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:105 Resp: 51809

Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.0	30.0



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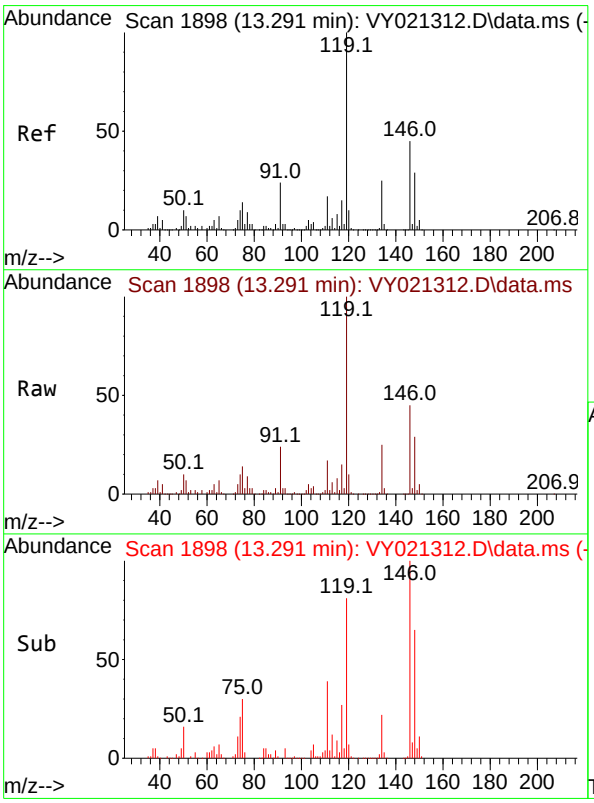
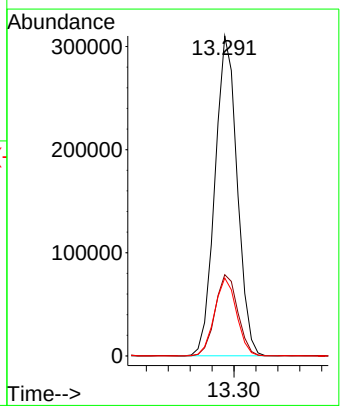
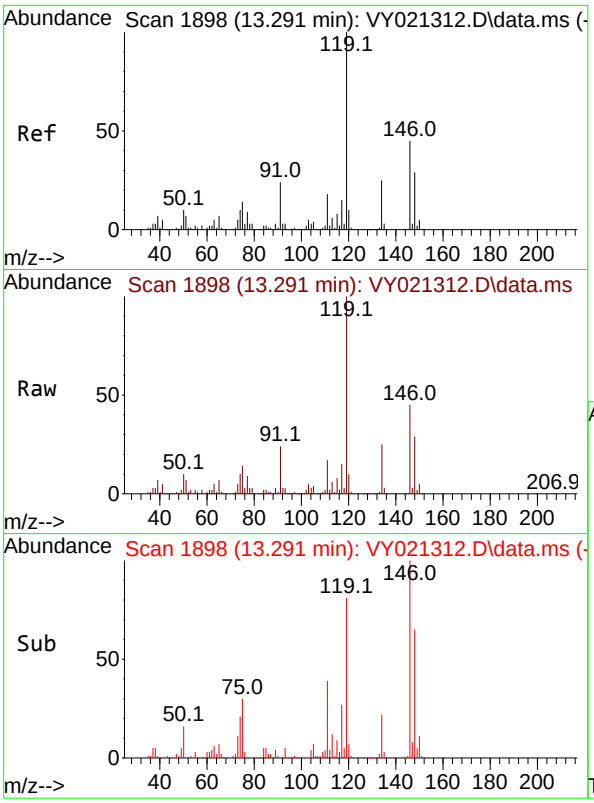


#86
p-Isopropyltoluene
Concen: 52.884 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:119 Resp: 437283

Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.0	38.9
91	24.1	12.0	36.1

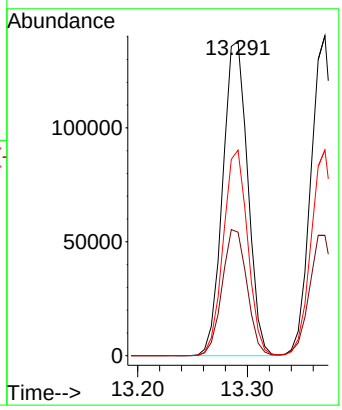




#87
1,3-Dichlorobenzene
Concen: 51.811 ug/l
RT: 13.291 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:146 Resp: 21813

Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	59.9
148	63.9	31.9	95.9



Instrument :
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ClientSampleId :
VSTDICCC050

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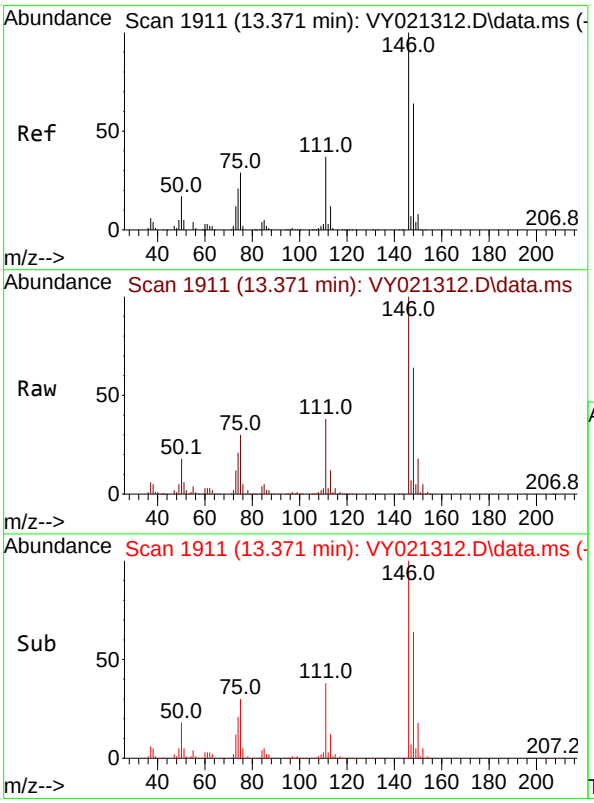
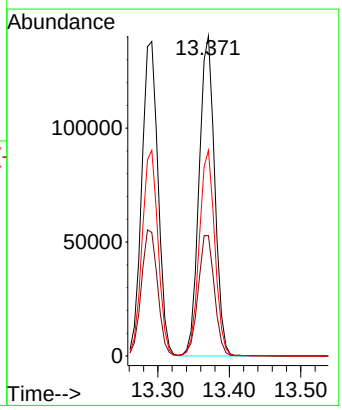
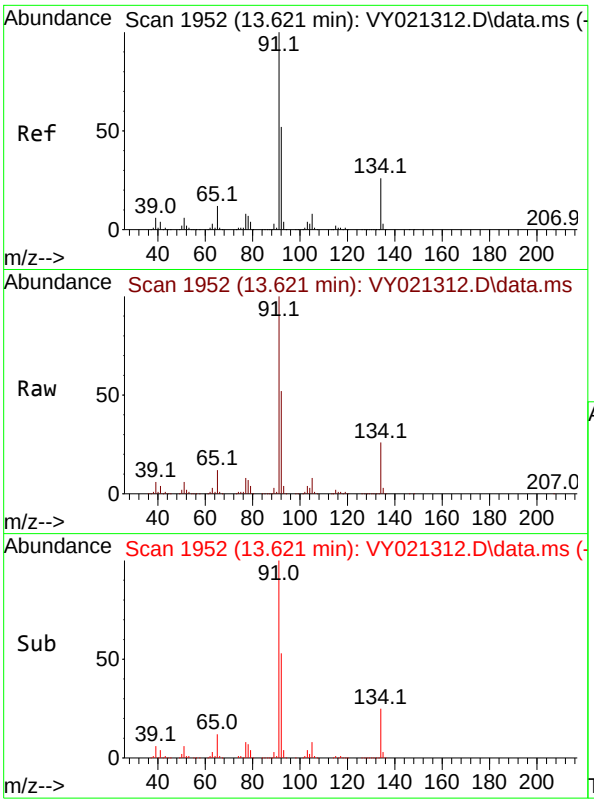


#88
1,4-Dichlorobenzene
Concen: 51.233 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:146 Resp: 213090

Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.5	58.5
148	64.1	32.0	96.2

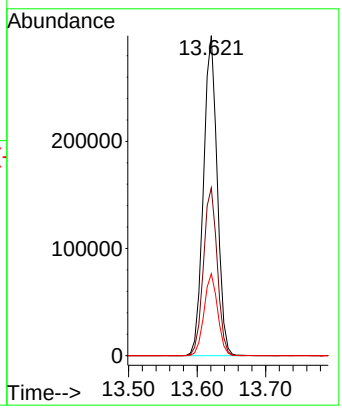




#89
n-Butylbenzene
Concen: 53.510 ug/l
RT: 13.621 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 91 Resp: 41637

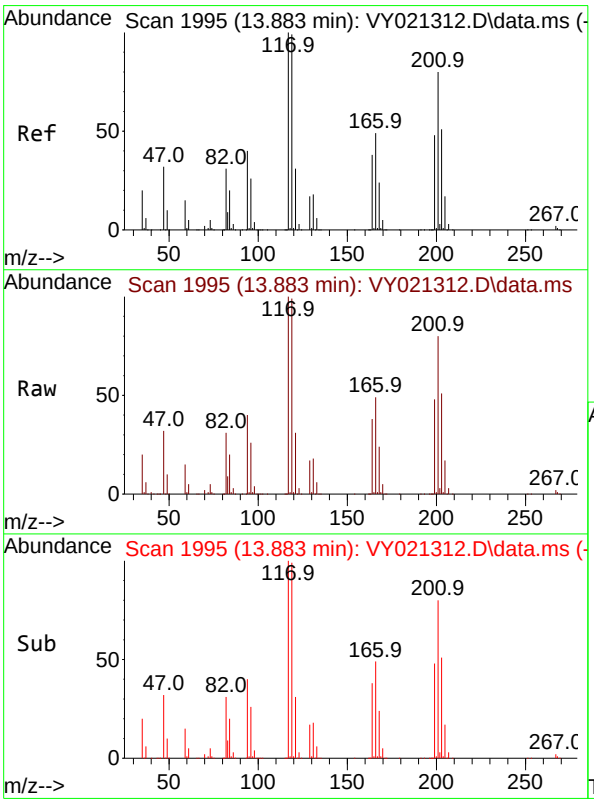
Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.4	79.2
134	25.3	12.7	38.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

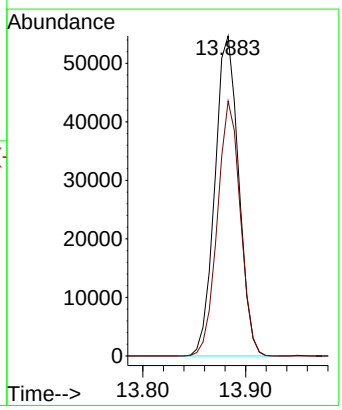
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

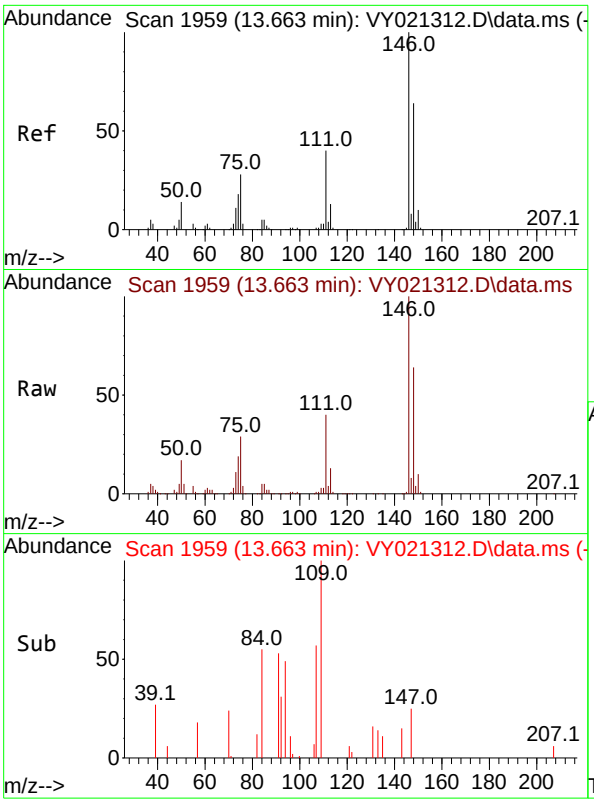


#90
Hexachloroethane
Concen: 50.814 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:117 Resp: 87765

Ion	Ratio	Lower	Upper
117	100		
201	76.8	38.4	115.2

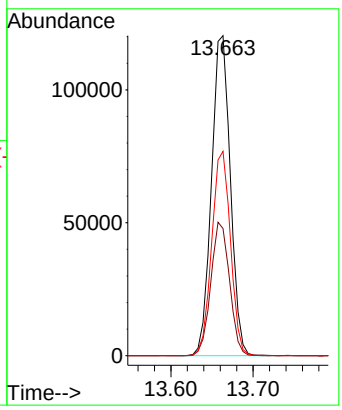




#91
1,2-Dichlorobenzene
Concen: 51.985 ug/l
RT: 13.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:146 Resp: 19175

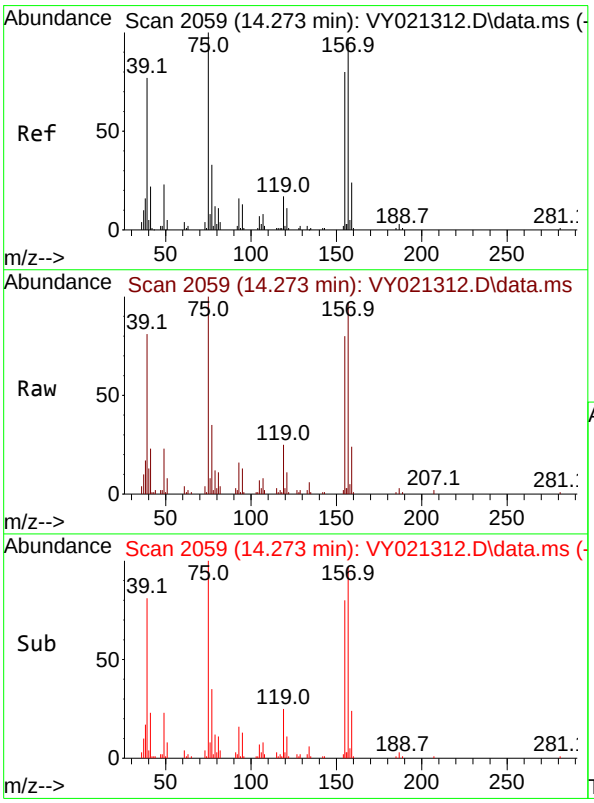
Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.7	62.1
148	63.4	31.7	95.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

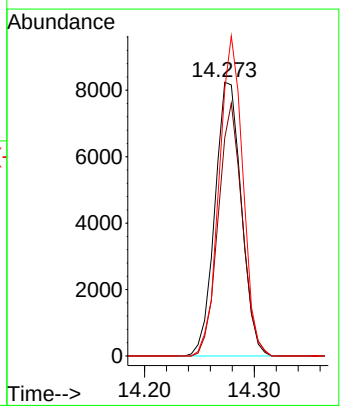
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

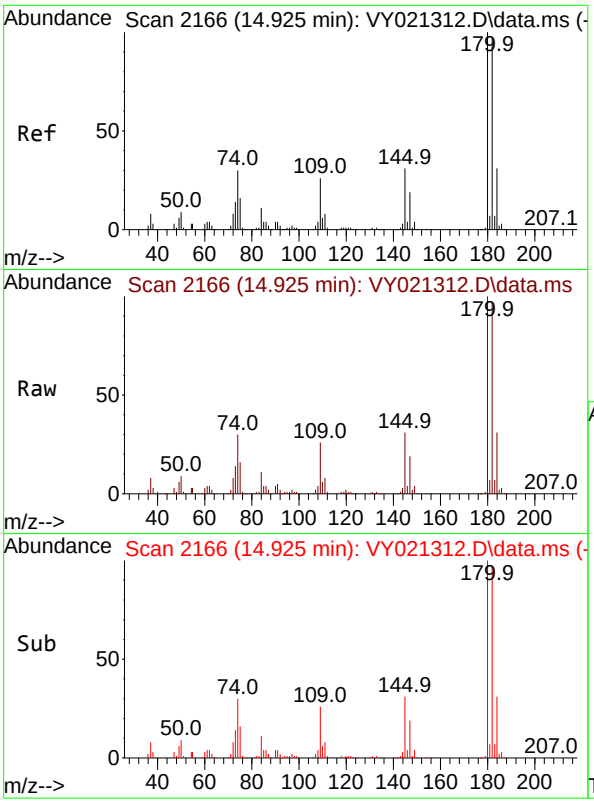


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.947 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 75 Resp: 13782

Ion	Ratio	Lower	Upper
75	100		
155	83.7	41.9	125.6
157	105.1	52.5	157.6

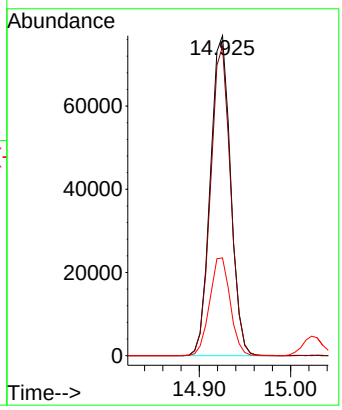




#93
1,2,4-Trichlorobenzene
Concen: 52.360 ug/l
RT: 14.925 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:180 Resp: 11788

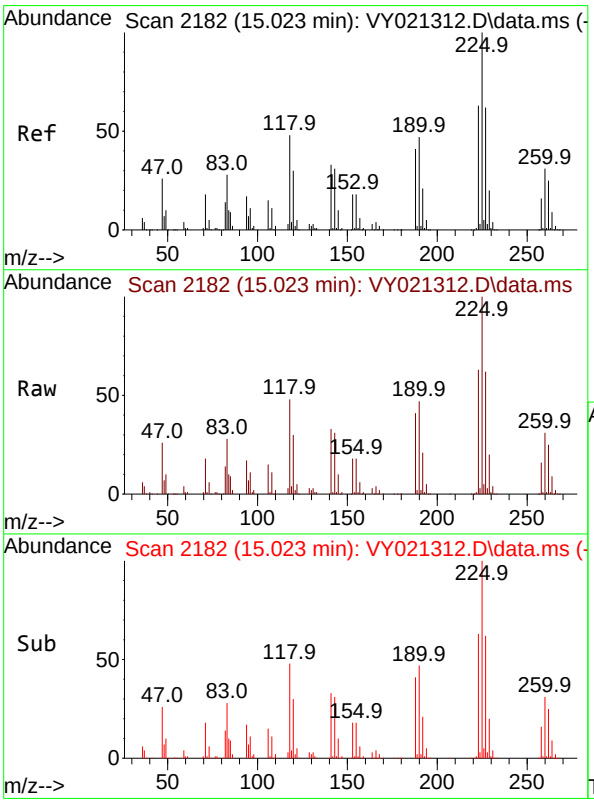
Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.9	143.7
145	31.2	15.6	46.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

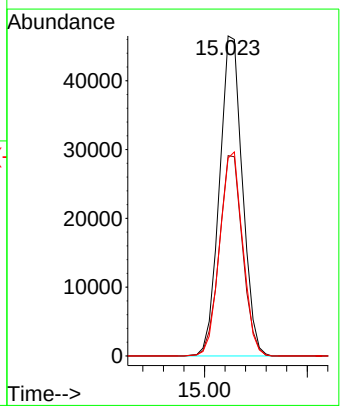
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

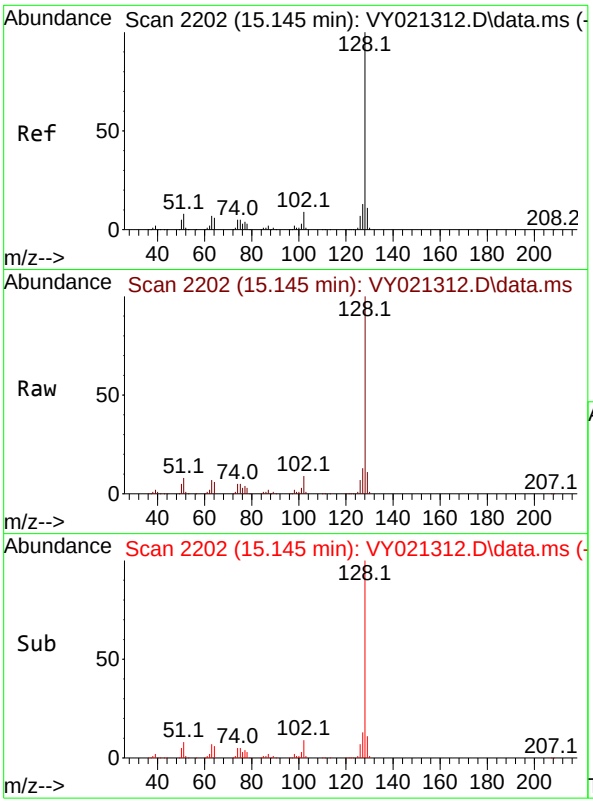


#94
Hexachlorobutadiene
Concen: 50.738 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:225 Resp: 71915

Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.8	95.4
227	63.8	31.9	95.7

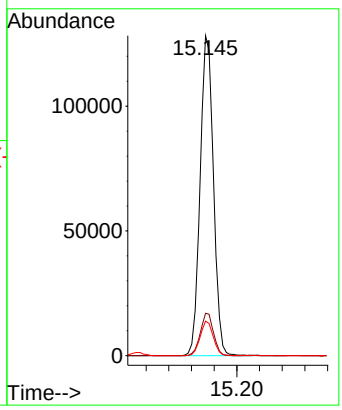




#95
Naphthalene
Concen: 56.174 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:128 Resp: 20947

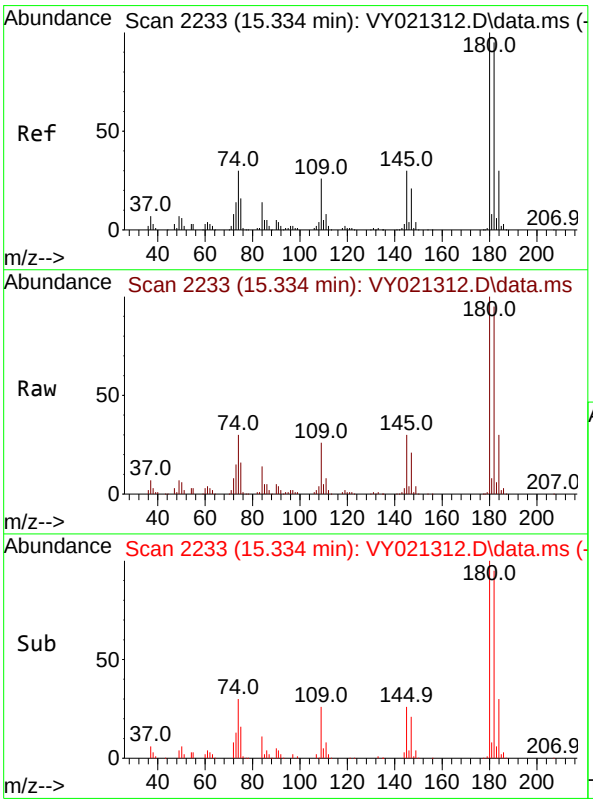
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.6	8.5	12.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

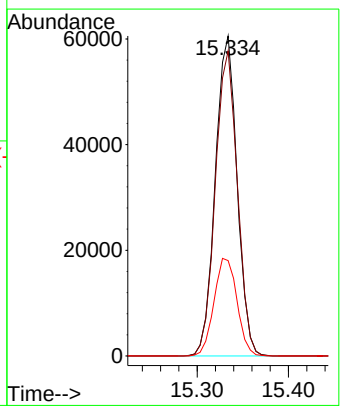
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 52.735 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:180 Resp: 100312

Ion	Ratio	Lower	Upper
180	100		
182	96.6	48.3	144.9
145	32.2	16.1	48.3



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021314.D
Acq On : 25 Feb 2025 15:57
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

Quant Time: Feb 26 01:46:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	180458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	283003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	248493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	121558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	306215	149.582	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 299.160%#			
35) Dibromofluoromethane	7.634	113	283537	152.818	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 305.640%#			
50) Toluene-d8	10.103	98	1094820	152.682	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 305.360%#			
62) 4-Bromofluorobenzene	12.401	95	369071	152.937	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 305.880%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	259643	151.753	ug/l	99
3) Chloromethane	2.068	50	323414	146.365	ug/l	99
4) Vinyl Chloride	2.202	62	328290	151.368	ug/l	97
5) Bromomethane	2.580	94	200754	139.293	ug/l	100
6) Chloroethane	2.726	64	197463	146.820	ug/l	97
7) Trichlorofluoromethane	3.056	101	492238	150.283	ug/l	98
8) Diethyl Ether	3.452	74	154649	157.312	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.811	101	293114	154.570	ug/l	99
10) Methyl Iodide	4.000	142	338246	169.542	ug/l	99
11) Tert butyl alcohol	4.860	59	106628	677.165	ug/l	99
12) 1,1-Dichloroethene	3.787	96	280431	154.445	ug/l	98
13) Acrolein	3.647	56	17213	142.652	ug/l	96
14) Allyl chloride	4.378	41	507854	157.755	ug/l	98
15) Acrylonitrile	5.055	53	344988	793.713	ug/l	99
16) Acetone	3.860	43	280172	713.470	ug/l	97
17) Carbon Disulfide	4.104	76	908476	150.676	ug/l	99
18) Methyl Acetate	4.378	43	149226	155.496	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	763596	159.172	ug/l	100
20) Methylene Chloride	4.610	84	296032	139.409	ug/l	99
21) trans-1,2-Dichloroethene	5.110	96	308627	154.401	ug/l	98
22) Diisopropyl ether	6.018	45	1028788	154.433	ug/l	96
23) Vinyl Acetate	5.957	43	3191401	801.685	ug/l	99
24) 1,1-Dichloroethane	5.915	63	572832	152.564	ug/l	98
25) 2-Butanone	6.890	43	462541	780.449	ug/l	97
26) 2,2-Dichloropropane	6.884	77	515178	151.214	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	354979	155.519	ug/l	99
28) Bromochloromethane	7.244	49	251245	151.227	ug/l	99
29) Tetrahydrofuran	7.256	42	309130	797.978	ug/l	99
30) Chloroform	7.421	83	574920	151.112	ug/l	100
31) Cyclohexane	7.695	56	525636	145.637	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	529792	152.986	ug/l	99
36) 1,1-Dichloropropene	7.835	75	429157	153.985	ug/l	100
37) Ethyl Acetate	6.982	43	216920	156.470	ug/l	100
38) Carbon Tetrachloride	7.817	117	481774	153.764	ug/l	99
39) Methylcyclohexane	9.103	83	563132	159.752	ug/l	97
40) Benzene	8.079	78	1249573	151.673	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021314.D
Acq On : 25 Feb 2025 15:57
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 26 01:46:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.219	41	123663	159.542 ug/l		95
42) 1,2-Dichloroethane	8.152	62	355374	152.036 ug/l		99
43) Isopropyl Acetate	8.195	43	433742	161.641 ug/l		98
44) Trichloroethene	8.865	130	318590	154.457 ug/l		99
45) 1,2-Dichloropropane	9.140	63	302967	152.809 ug/l		99
46) Dibromomethane	9.231	93	168654	155.620 ug/l		99
47) Bromodichloromethane	9.420	83	448398	155.172 ug/l		99
48) Methyl methacrylate	9.219	41	213222	169.923 ug/l		100
49) 1,4-Dioxane	9.225	88	38142	3165.209 ug/l		93
51) 4-Methyl-2-Pentanone	9.993	43	1121500	816.471 ug/l		100
52) Toluene	10.170	92	794485	155.232 ug/l		100
53) t-1,3-Dichloropropene	10.390	75	432560	163.384 ug/l		98
54) cis-1,3-Dichloropropene	9.853	75	493601	157.928 ug/l		100
55) 1,1,2-Trichloroethane	10.572	97	215312	152.506 ug/l		98
56) Ethyl methacrylate	10.438	69	337816	173.168 ug/l		99
57) 1,3-Dichloropropane	10.713	76	385803	155.726 ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	761125	812.859 ug/l		100
59) 2-Hexanone	10.755	43	754575	836.458 ug/l		98
60) Dibromochloromethane	10.908	129	299188	155.598 ug/l		99
61) 1,2-Dibromoethane	11.011	107	208046	155.651 ug/l		99
64) Tetrachloroethene	10.646	164	288026	153.351 ug/l		98
65) Chlorobenzene	11.438	112	863676	154.837 ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.511	131	301244	154.234 ug/l		100
67) Ethyl Benzene	11.517	91	1576743	159.586 ug/l		100
68) m/p-Xylenes	11.627	106	1167839	314.246 ug/l		100
69) o-Xylene	11.950	106	550972	158.258 ug/l		99
70) Styrene	11.969	104	936967	161.754 ug/l		100
71) Bromoform	12.133	173	175918	157.441 ug/l	#	99
73) Isopropylbenzene	12.255	105	1461905	159.969 ug/l		99
74) N-amyl acetate	12.066	43	403238	173.596 ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	251216	155.759 ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	179622m	146.733 ug/l		
77) Bromobenzene	12.529	156	333772	157.025 ug/l		99
78) n-propylbenzene	12.597	91	1765636	159.217 ug/l		100
79) 2-Chlorotoluene	12.682	91	995452	156.411 ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	1190462	158.830 ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	92910	169.722 ug/l		98
82) 4-Chlorotoluene	12.779	91	1021811	154.883 ug/l		100
83) tert-Butylbenzene	12.999	119	1094125	161.602 ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	1192062	159.915 ug/l		99
85) sec-Butylbenzene	13.176	105	1558540	157.594 ug/l		100
86) p-Isopropyltoluene	13.291	119	1327819	160.795 ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	648204	154.161 ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	635981	153.109 ug/l		100
89) n-Butylbenzene	13.615	91	1269399	163.350 ug/l		99
90) Hexachloroethane	13.877	117	275368	159.641 ug/l		100
91) 1,2-Dichlorobenzene	13.657	146	570360	154.826 ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	42060	164.851 ug/l		99
93) 1,2,4-Trichlorobenzene	14.919	180	384163	170.860 ug/l		99
94) Hexachlorobutadiene	15.023	225	224602	158.670 ug/l		99
95) Naphthalene	15.145	128	694625	186.517 ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	326876	172.067 ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021314.D
Acq On : 25 Feb 2025 15:57
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

Quant Time: Feb 26 01:46:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

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

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

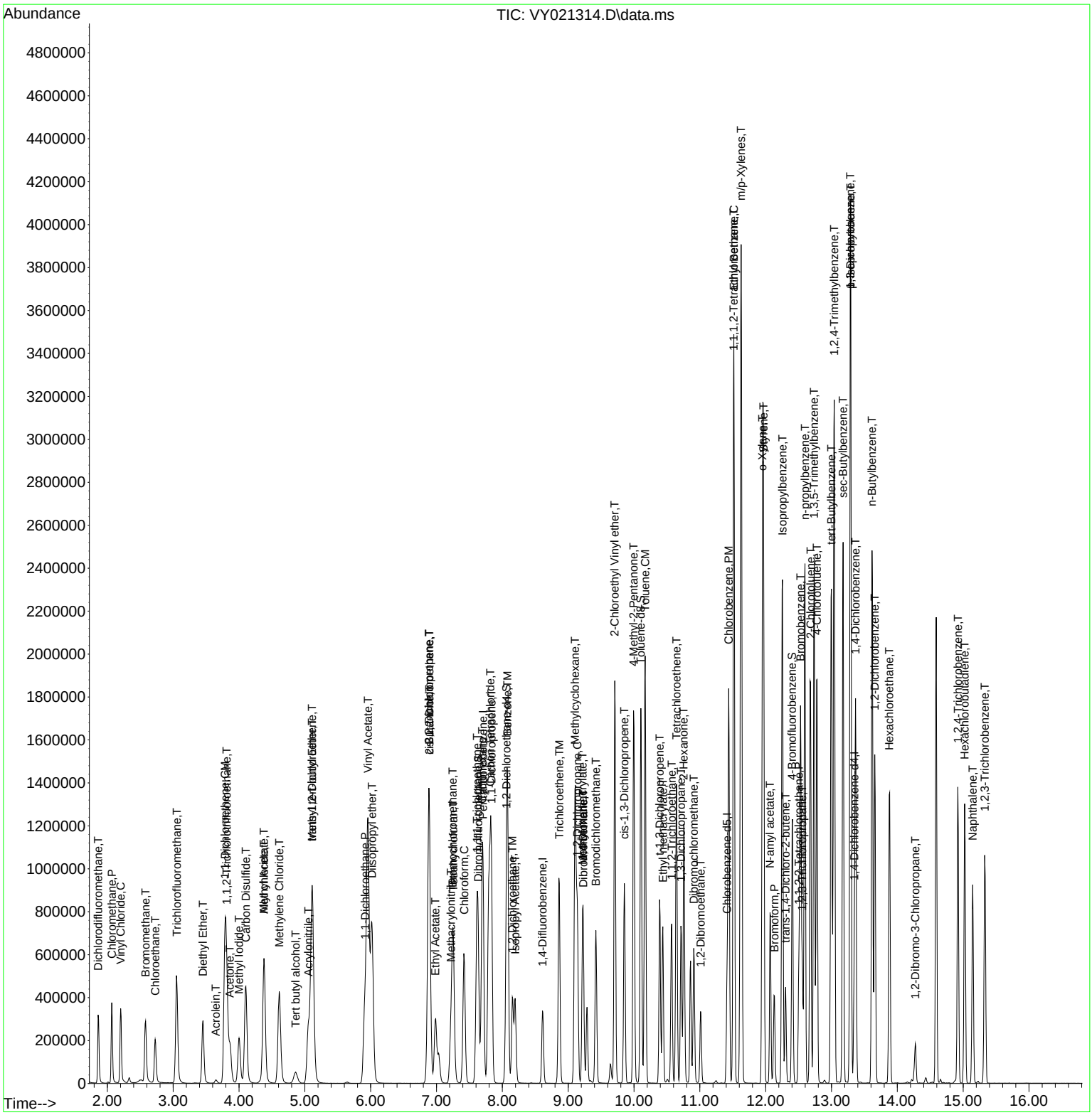
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021314.D
Acq On : 25 Feb 2025 15:57
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

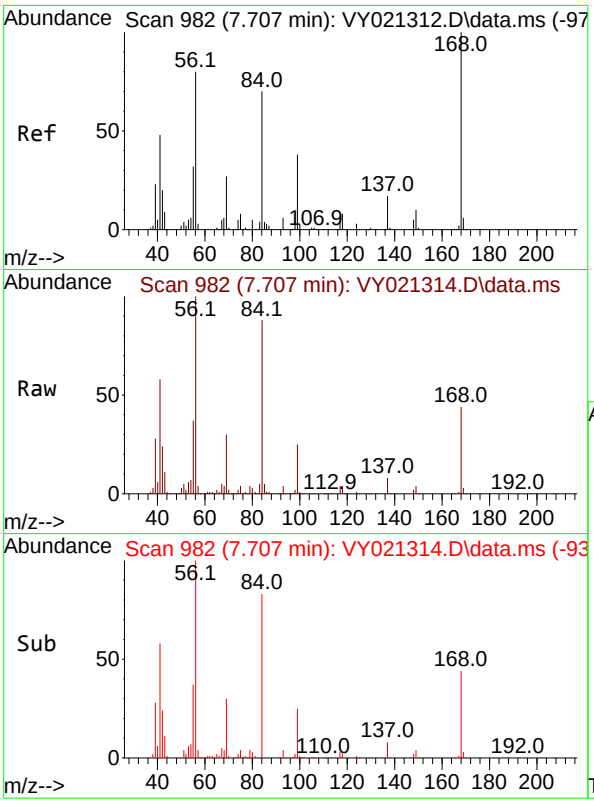
Quant Time: Feb 26 01:46:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

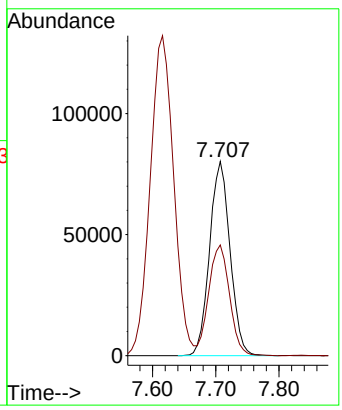




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:168 Resp: 18045

Ion	Ratio	Lower	Upper
168	100		
99	57.0	47.1	70.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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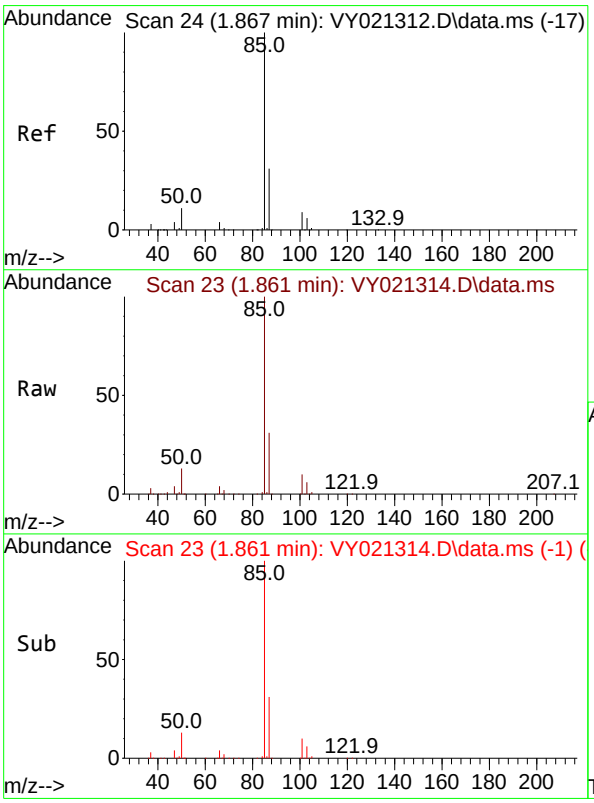
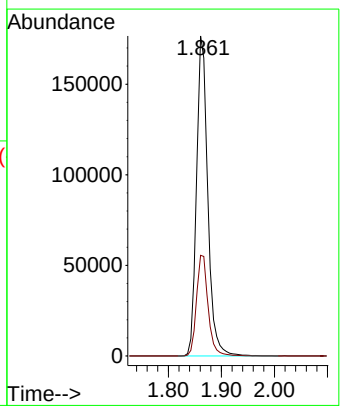
Supervised By :Mahesh Dadoda 02/26/2025

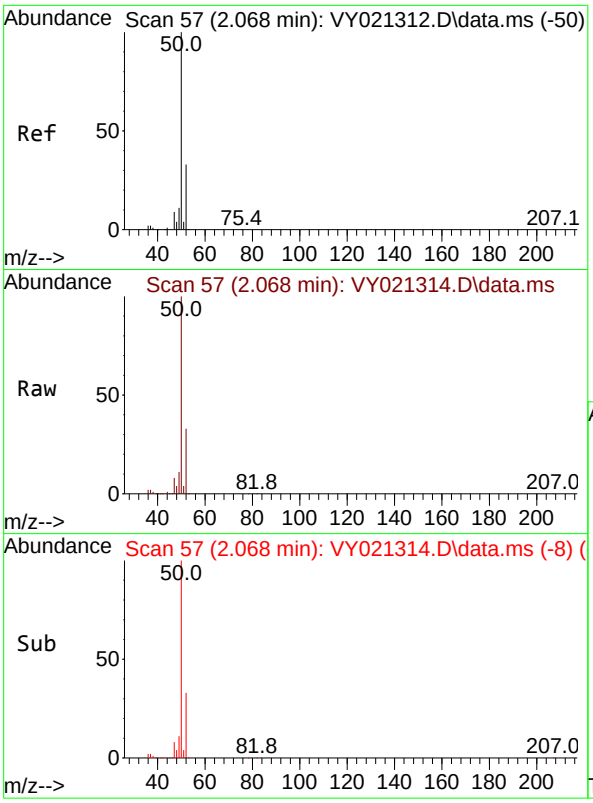


#2
Dichlorodifluoromethane
Concen: 151.753 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 85 Resp: 259643

Ion	Ratio	Lower	Upper
85	100		
87	31.5	15.4	46.4

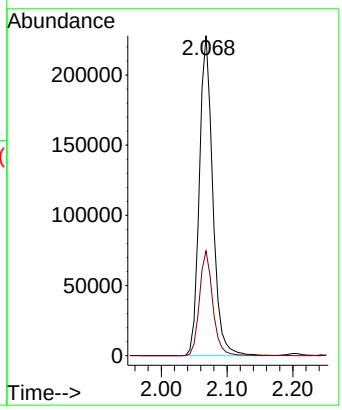




#3
Chloromethane
Concen: 146.365 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 50 Resp: 32341

Ion	Ratio	Lower	Upper
50	100		
52	32.7	26.6	40.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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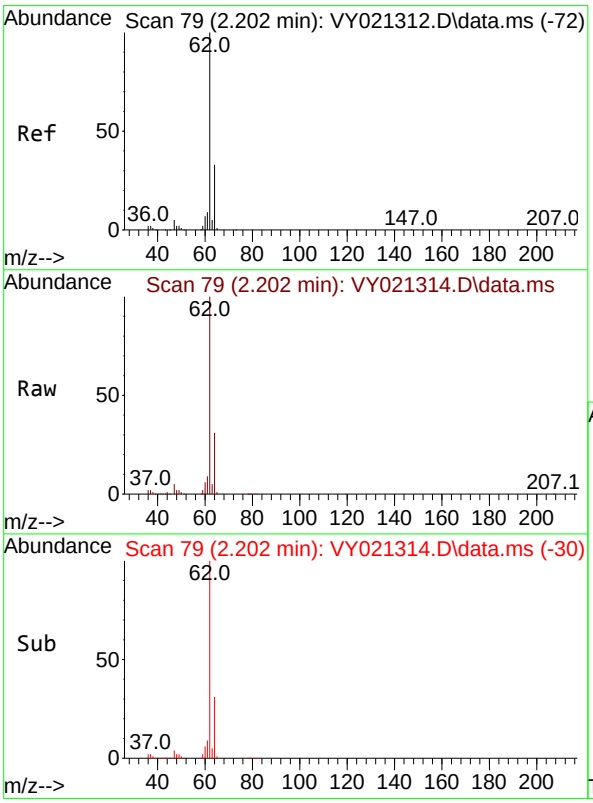
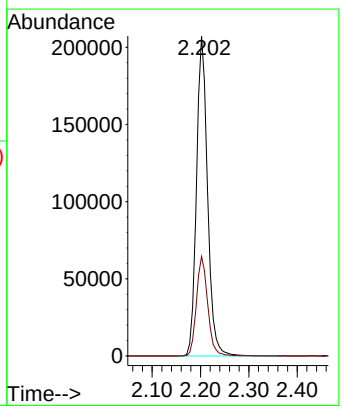
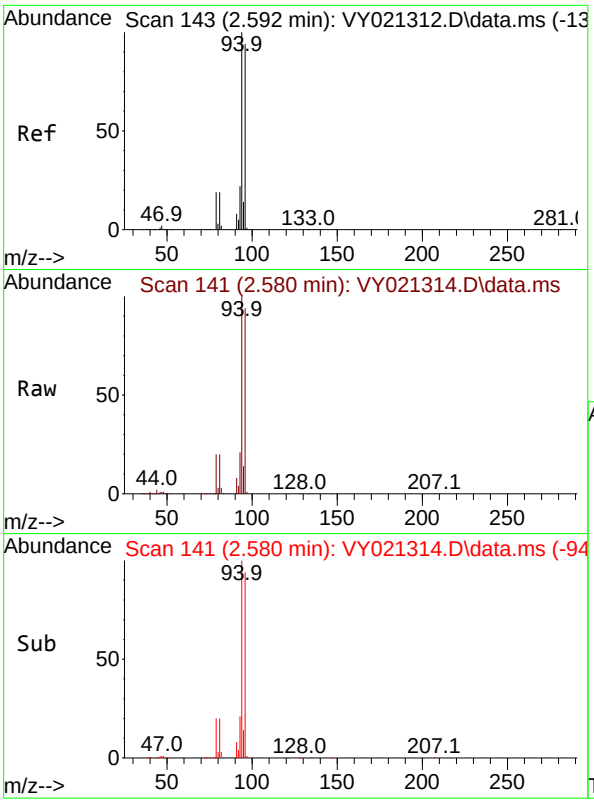


#4
Vinyl Chloride
Concen: 151.368 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 62 Resp: 328290

Ion	Ratio	Lower	Upper
62	100		
64	31.1	26.3	39.5

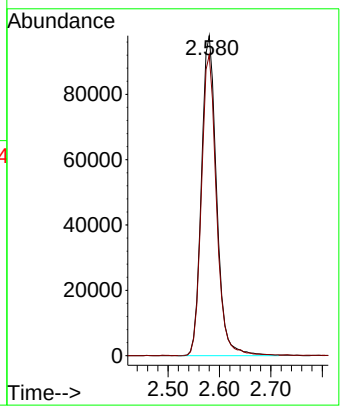




#5
Bromomethane
Concen: 139.293 ug/l
RT: 2.580 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 94 Resp: 20075

Ion	Ratio	Lower	Upper
94	100		
96	93.9	75.2	112.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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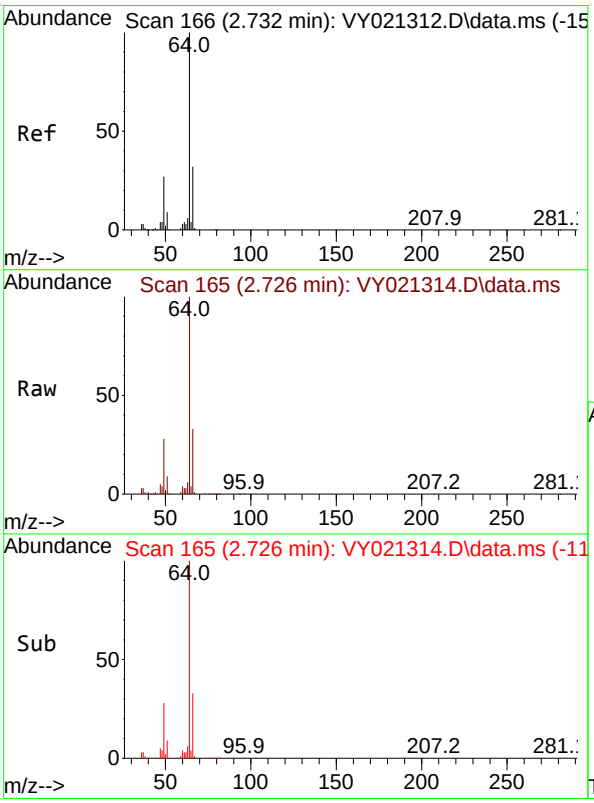
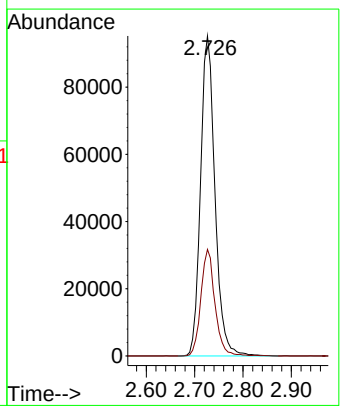
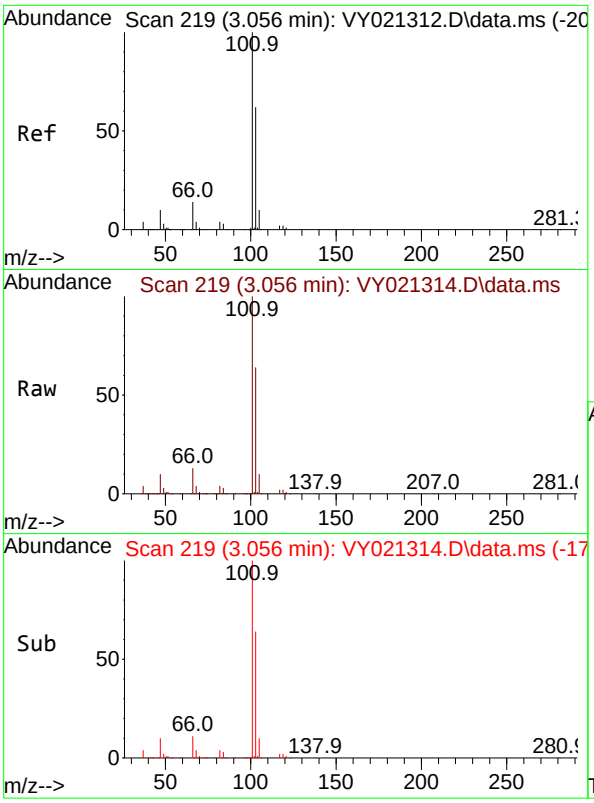


#6
Chloroethane
Concen: 146.820 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 64 Resp: 197463

Ion	Ratio	Lower	Upper
64	100		
66	33.3	25.4	38.0

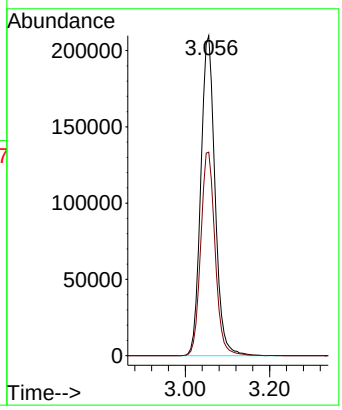




#7
Trichlorofluoromethane
Concen: 150.283 ug/l
RT: 3.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:101 Resp: 49223

Ion	Ratio	Lower	Upper
101	100		
103	63.6	49.7	74.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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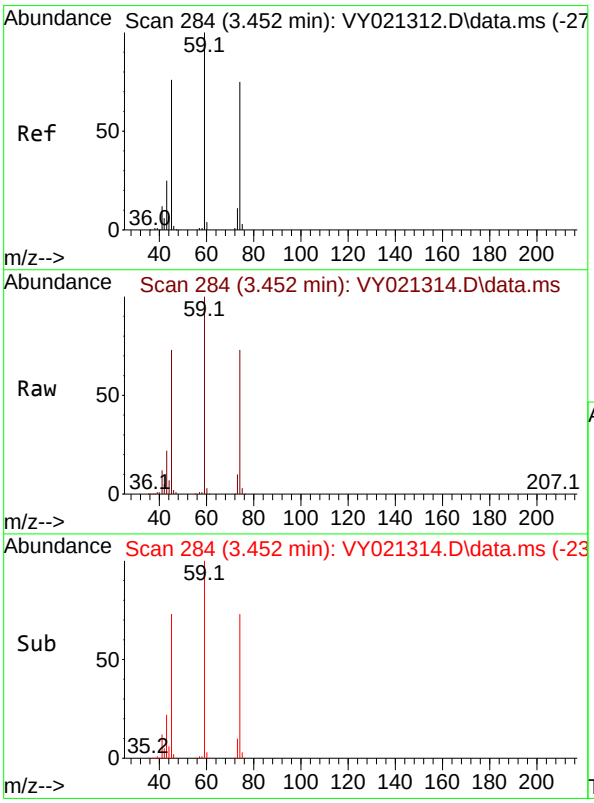
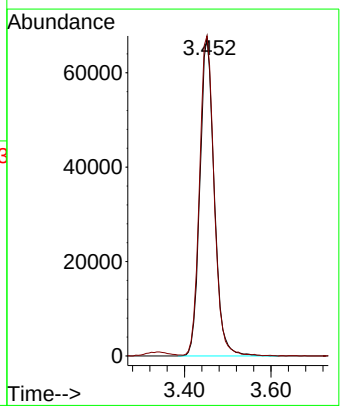
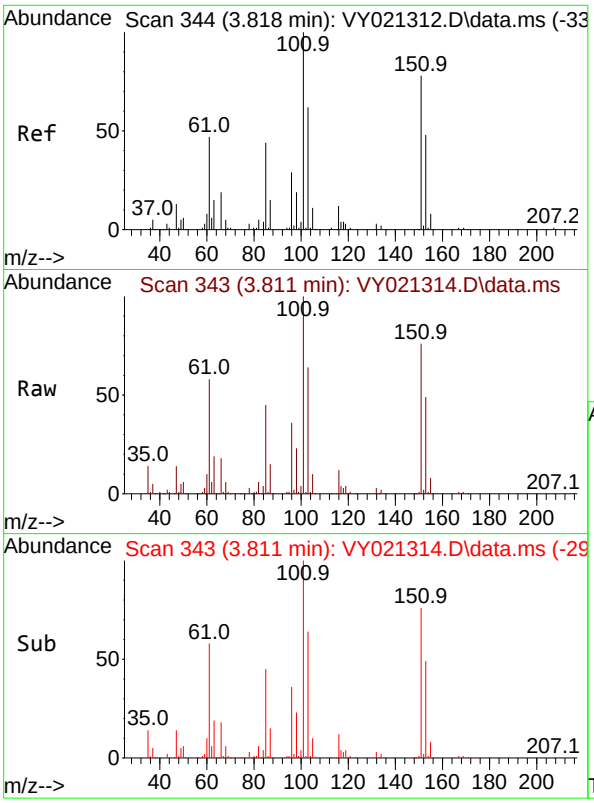


#8
Diethyl Ether
Concen: 157.312 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 74 Resp: 154649

Ion	Ratio	Lower	Upper
74	100		
45	103.0	50.3	150.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 154.570 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:101 Resp: 29311

Ion	Ratio	Lower	Upper
101	100		
85	45.8	36.7	55.1
151	76.6	62.6	94.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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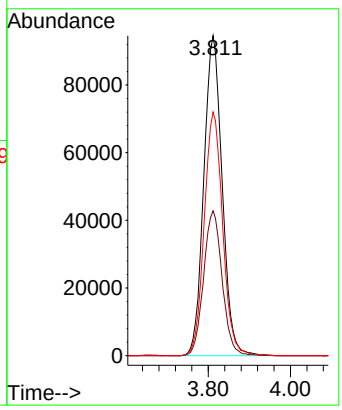
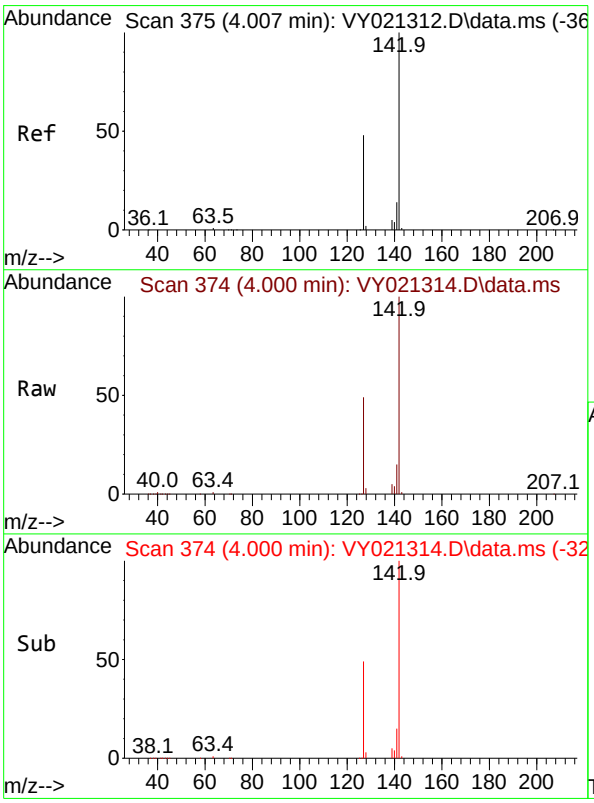
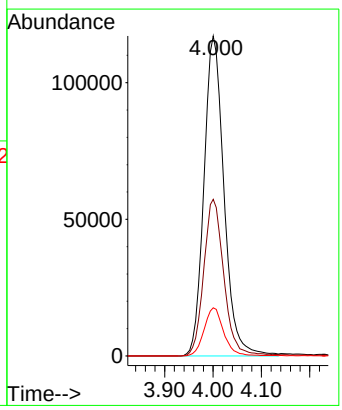


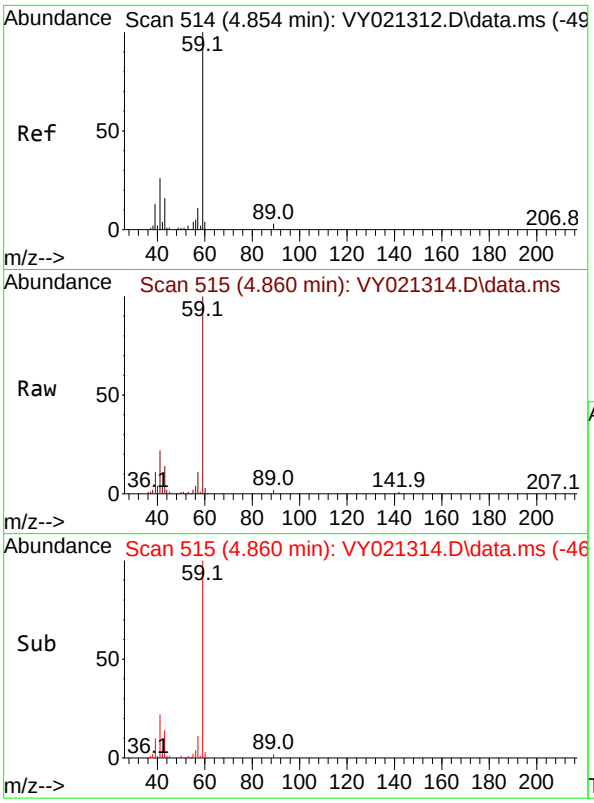


#10
Methyl Iodide
Concen: 169.542 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:142 Resp: 338246

Ion	Ratio	Lower	Upper
142	100		
127	49.4	39.2	58.8
141	14.8	11.4	17.2

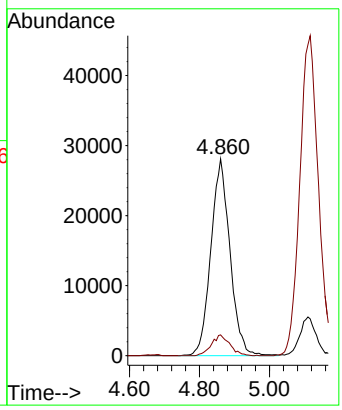




#11
Tert butyl alcohol
Concen: 677.165 ug/l
RT: 4.860 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 59 Resp: 10662

Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.3	12.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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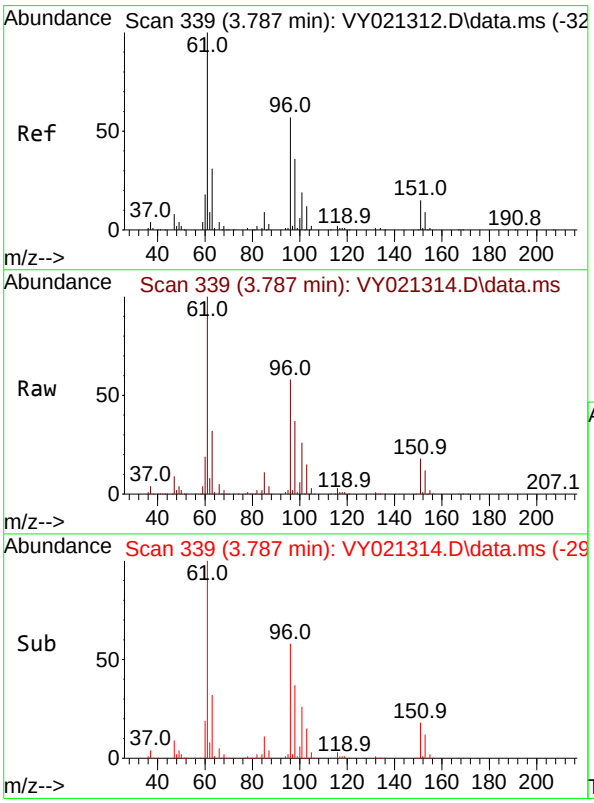
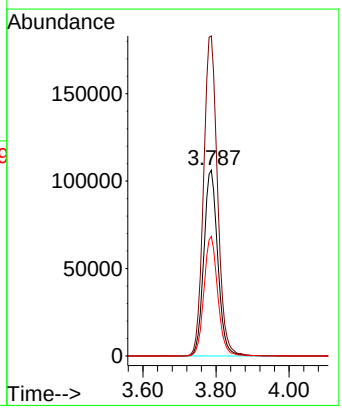
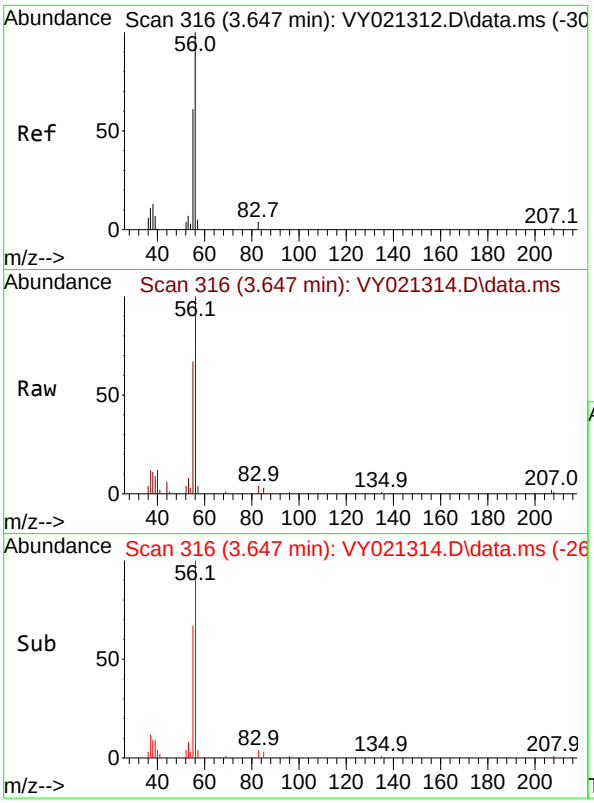


#12
1,1-Dichloroethene
Concen: 154.445 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 96 Resp: 280431

Ion	Ratio	Lower	Upper
96	100		
61	172.2	139.7	209.5
98	64.3	49.7	74.5

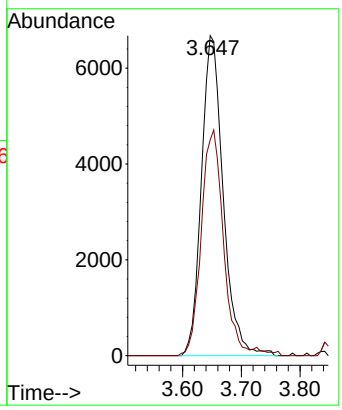




#13
Acrolein
Concen: 142.652 ug/l
RT: 3.647 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 56 Resp: 1721

Ion	Ratio	Lower	Upper
56	100		
55	70.8	59.0	88.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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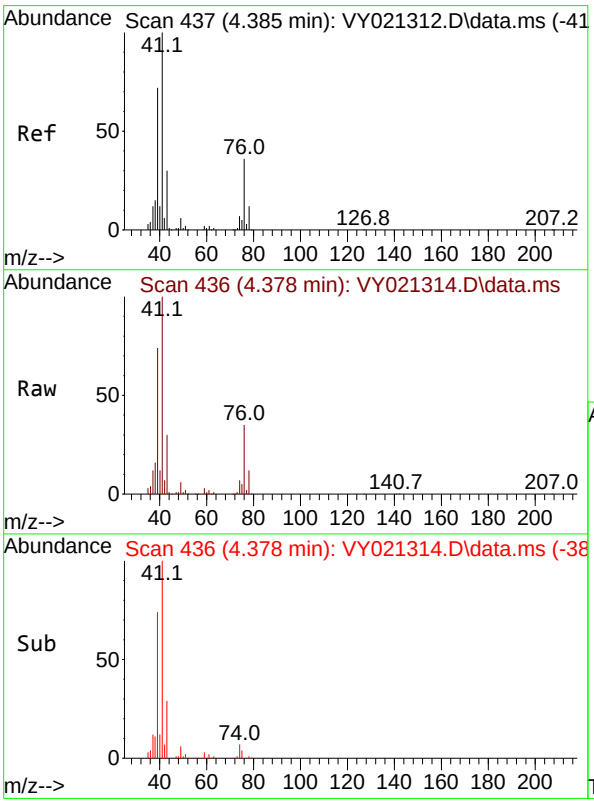
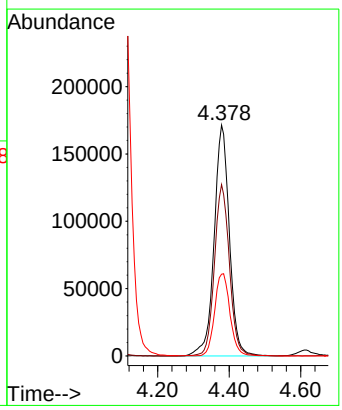
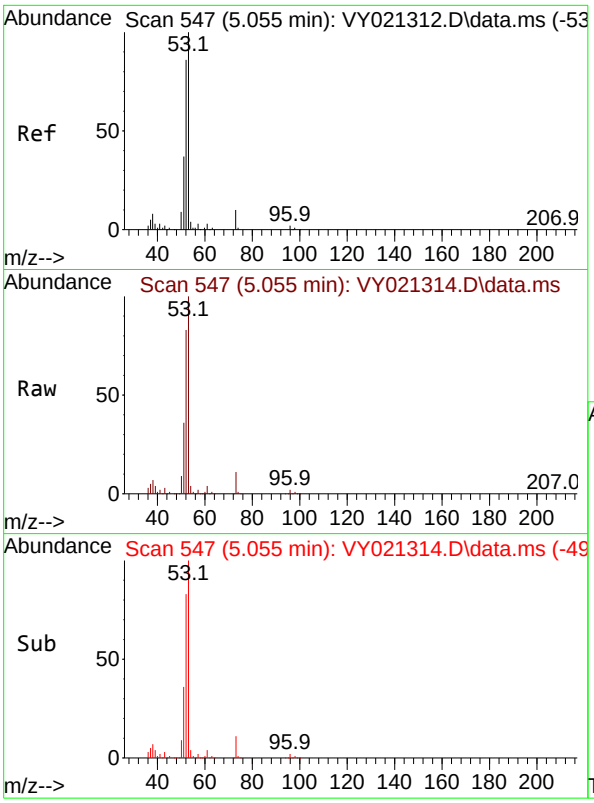


#14
Allyl chloride
Concen: 157.755 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 41 Resp: 507854

Ion	Ratio	Lower	Upper
41	100		
39	73.1	60.0	90.0
76	35.8	29.0	43.6





#15
Acrylonitrile
Concen: 793.713 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 53 Resp: 34498

Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.5	98.3
51	37.2	30.6	46.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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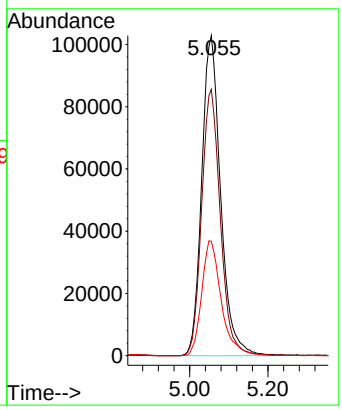
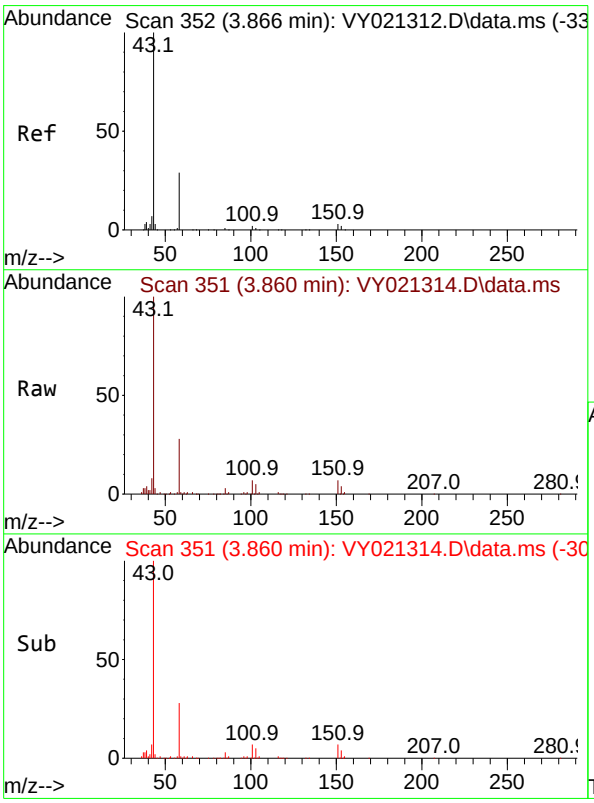
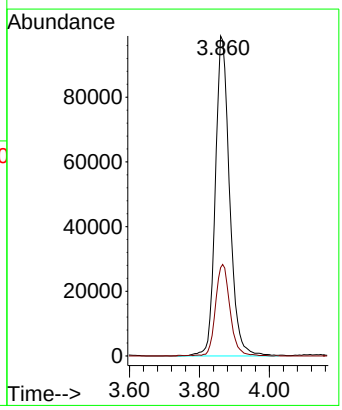


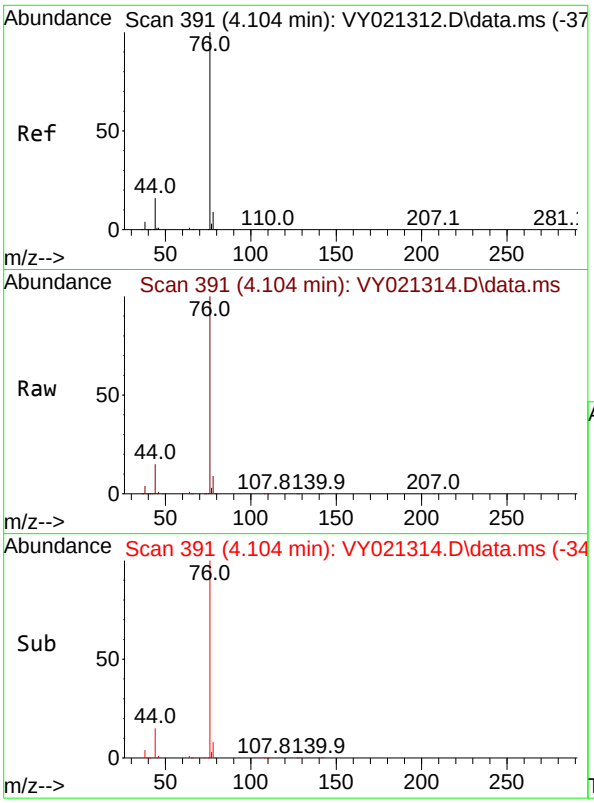


#16
Acetone
Concen: 713.470 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 43 Resp: 280172

Ion	Ratio	Lower	Upper
43	100		
58	27.5	23.5	35.3

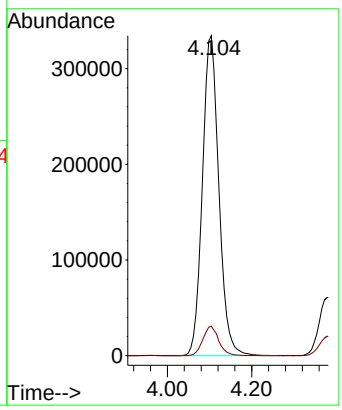




#17
Carbon Disulfide
Concen: 150.676 ug/l
RT: 4.104 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 76 Resp: 90847

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.1	10.7



Instrument :
MSVOA_Y
ClientSampleId :
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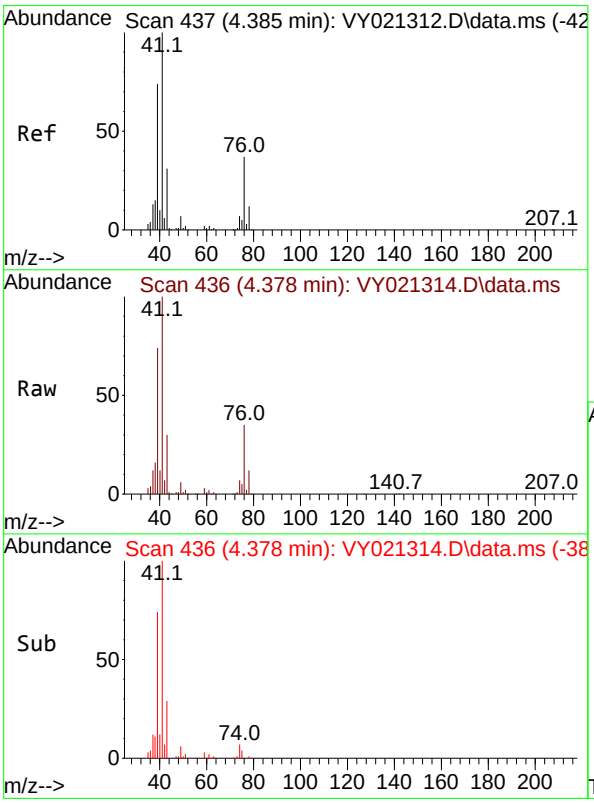
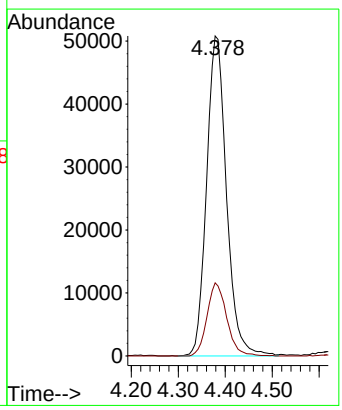
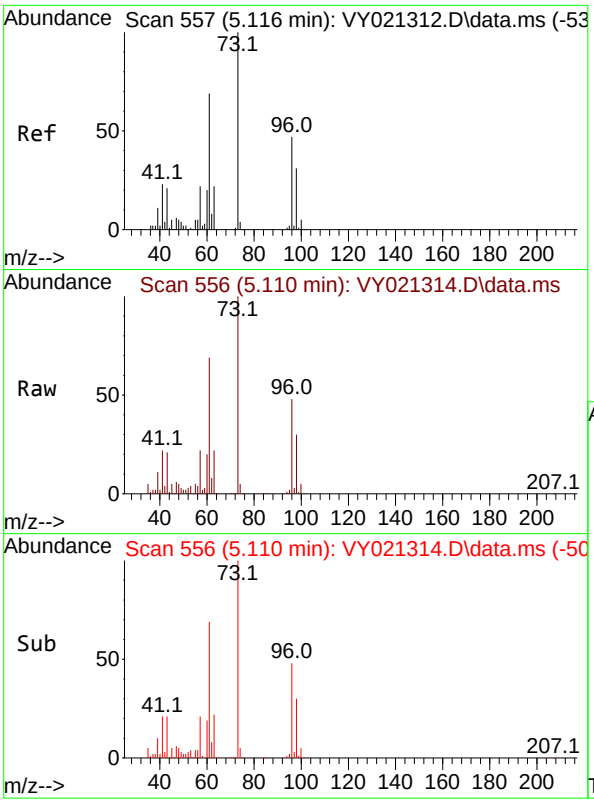


#18
Methyl Acetate
Concen: 155.496 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 43 Resp: 149226

Ion	Ratio	Lower	Upper
43	100		
74	22.6	17.7	26.5

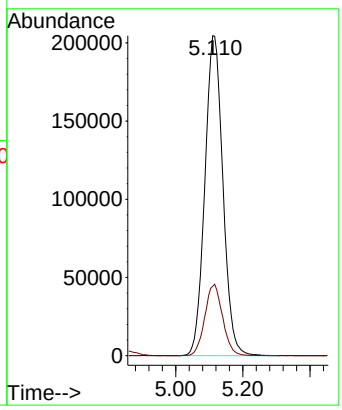




#19
Methyl tert-butyl Ether
Concen: 159.172 ug/l
RT: 5.110 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 73 Resp: 76359

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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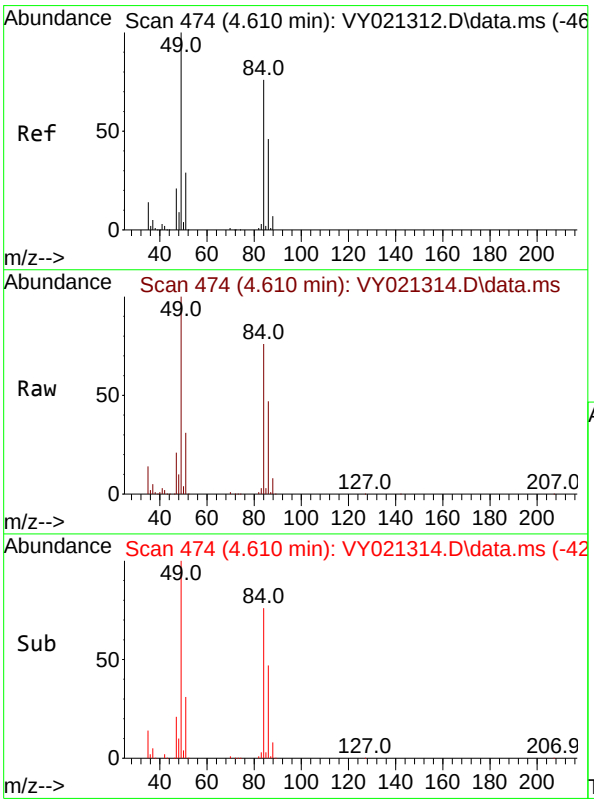
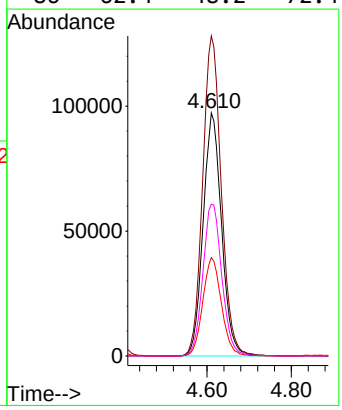
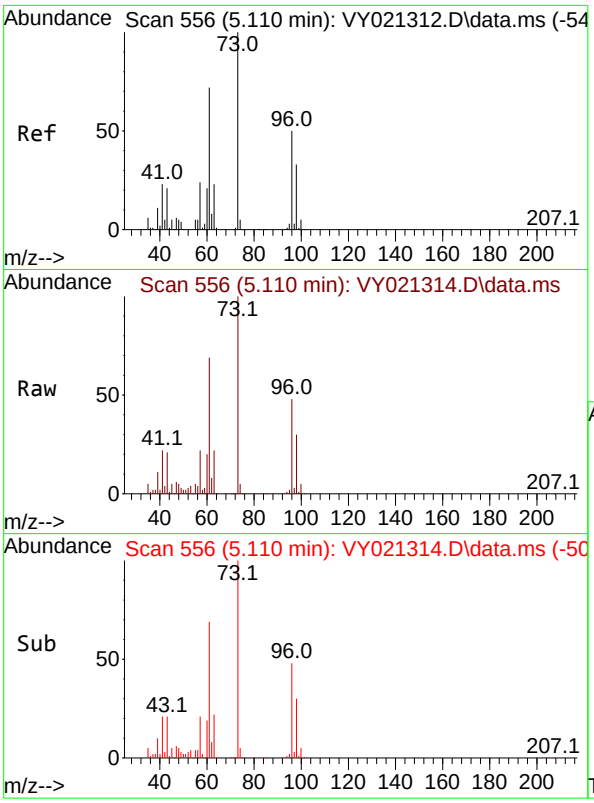


#20
Methylene Chloride
Concen: 139.409 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 84 Resp: 296032

Ion	Ratio	Lower	Upper
84	100		
49	131.6	105.1	157.7
51	40.5	31.0	46.4
86	62.4	48.2	72.4

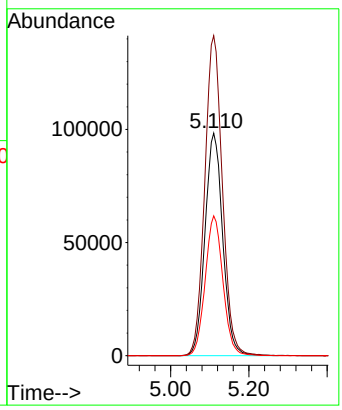




#21
trans-1,2-Dichloroethene
Concen: 154.401 ug/l
RT: 5.110 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 96 Resp: 30862

Ion	Ratio	Lower	Upper
96	100		
61	143.8	116.3	174.5
98	62.8	52.6	78.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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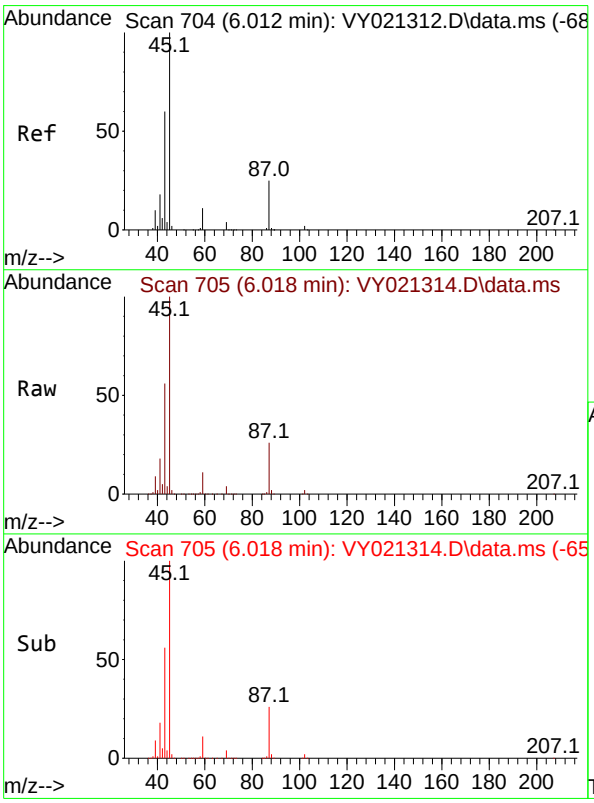
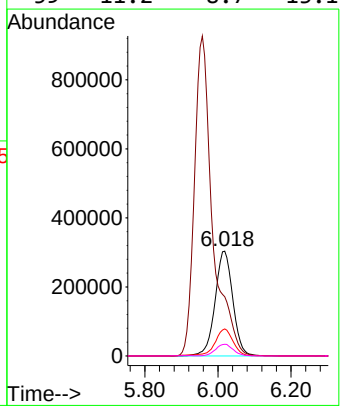
Supervised By :Mahesh Dadoda 02/26/2025

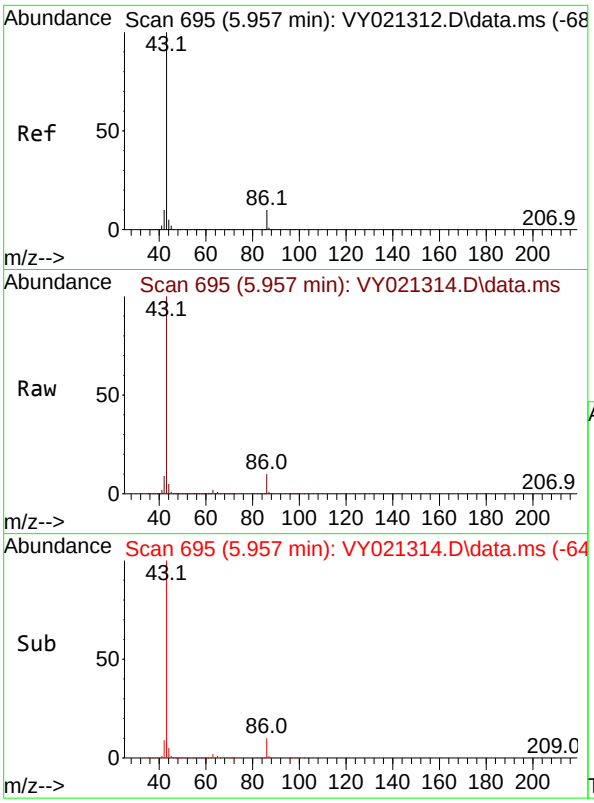


#22
Diisopropyl ether
Concen: 154.433 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 45 Resp: 1028788

Ion	Ratio	Lower	Upper
45	100		
43	56.2	48.2	72.4
87	25.8	20.3	30.5
59	11.2	8.7	13.1

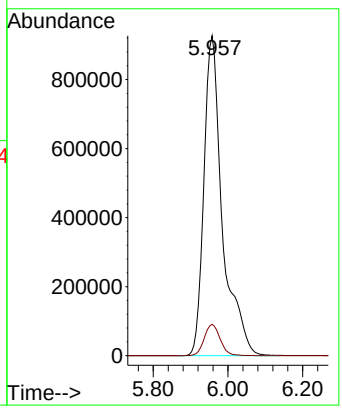




#23
Vinyl Acetate
Concen: 801.685 ug/l
RT: 5.957 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 43 Resp: 319140

Ion	Ratio	Lower	Upper
43	100		
86	9.8	8.0	12.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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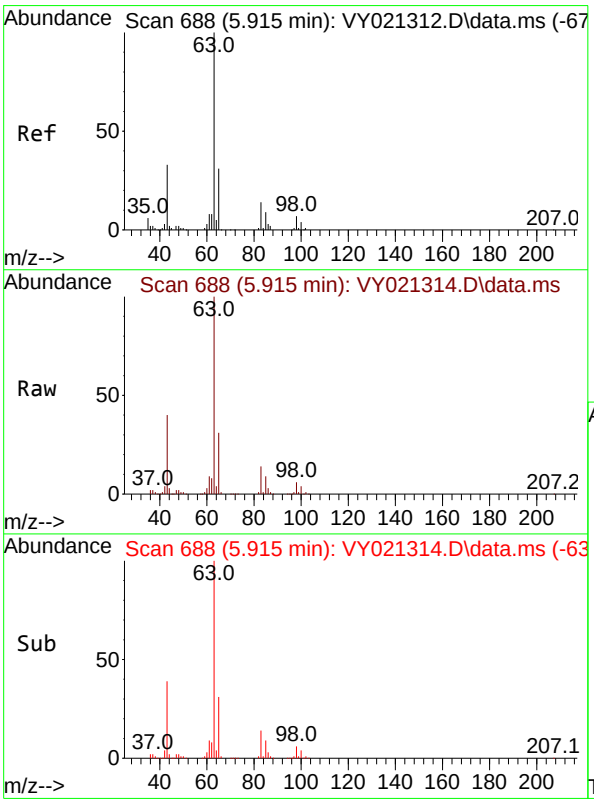
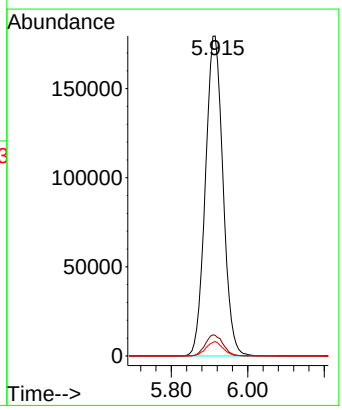
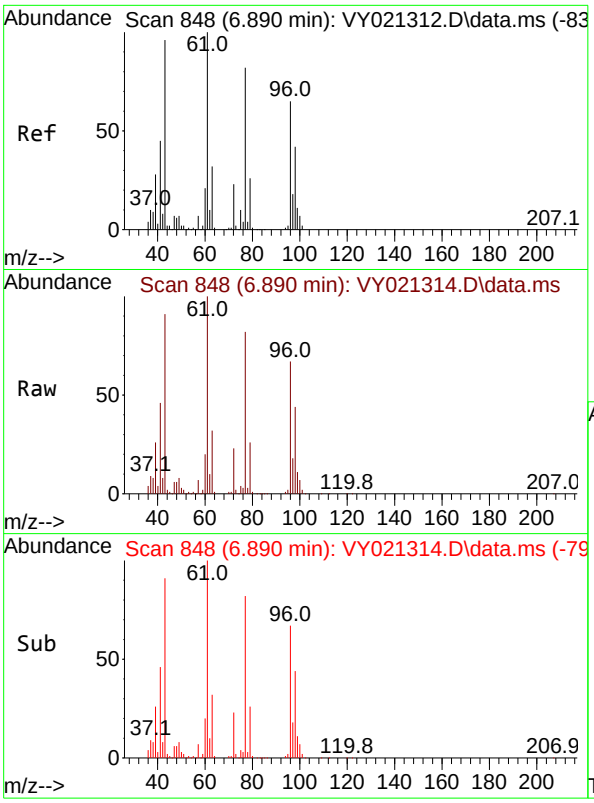


#24
1,1-Dichloroethane
Concen: 152.564 ug/l
RT: 5.915 min Scan# 688
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 63 Resp: 572832

Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.7	11.1
100	4.5	2.1	6.5

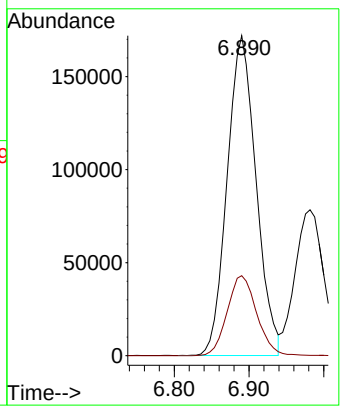




#25
2-Butanone
Concen: 780.449 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 43 Resp: 46254

Ion	Ratio	Lower	Upper
43	100		
72	25.0	19.0	28.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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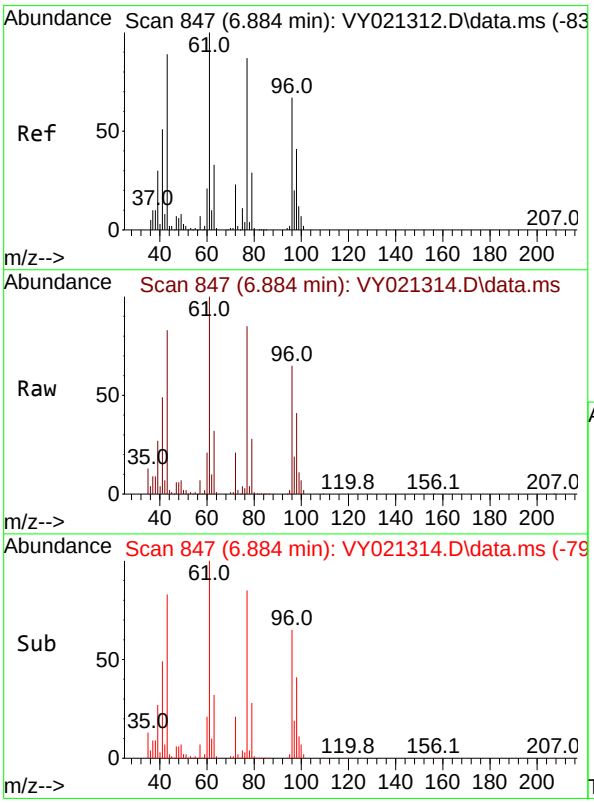
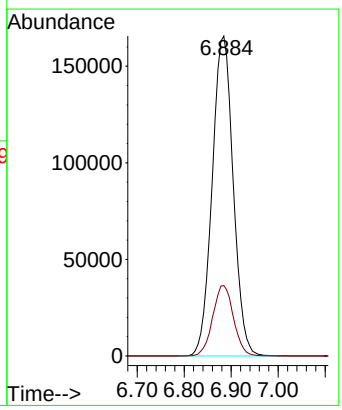
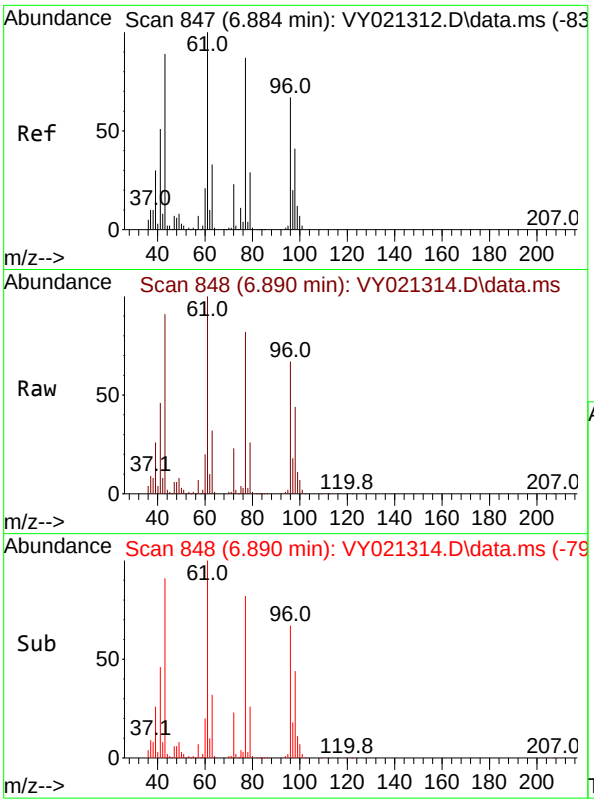


#26
2,2-Dichloropropane
Concen: 151.214 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 77 Resp: 515178

Ion	Ratio	Lower	Upper
77	100		
97	21.8	10.9	32.7

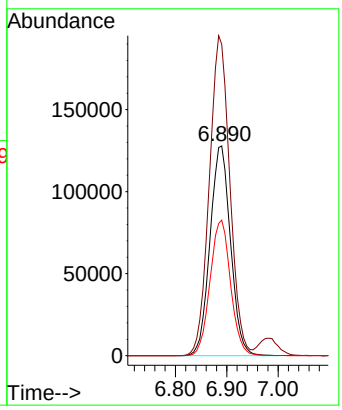




#27
cis-1,2-Dichloroethene
Concen: 155.519 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 96 Resp: 35497

Ion	Ratio	Lower	Upper
96	100		
61	152.6	0.0	308.0
98	64.4	0.0	129.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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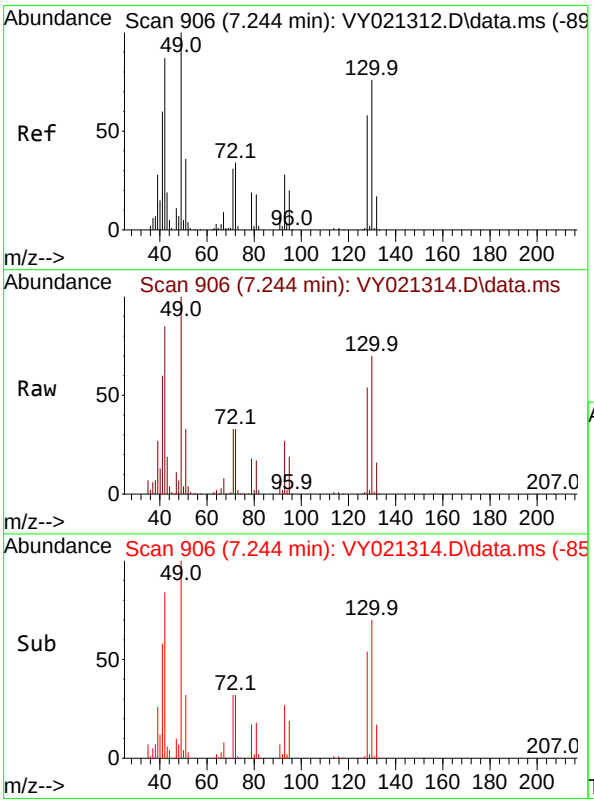
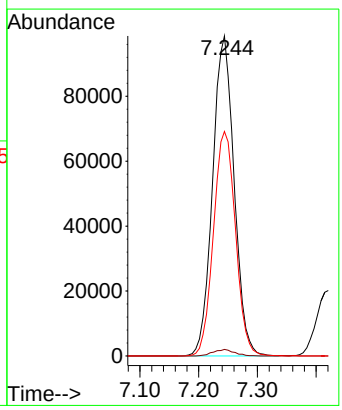
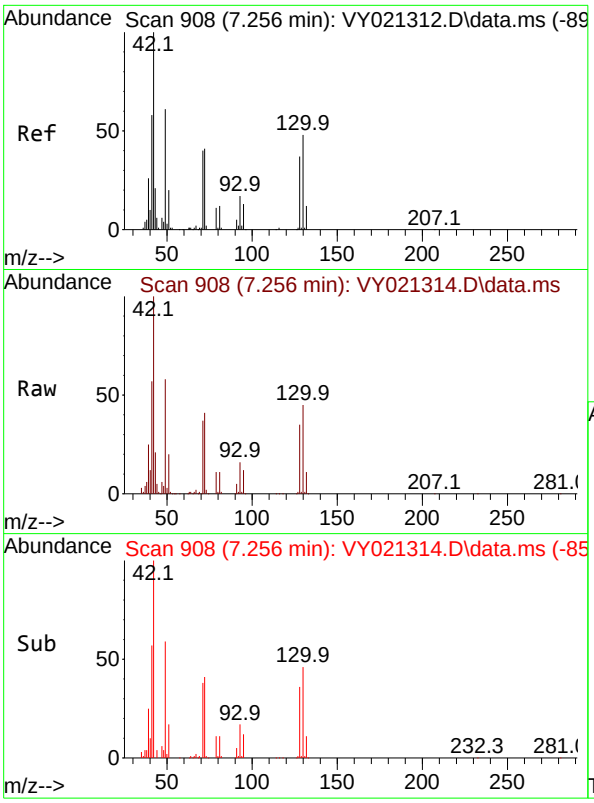


#28
Bromochloromethane
Concen: 151.227 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 49 Resp: 251245

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	71.7	57.8	86.6

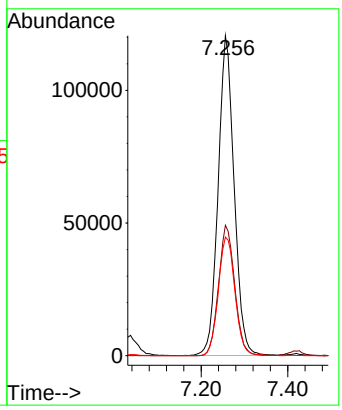




#29
Tetrahydrofuran
Concen: 797.978 ug/l
RT: 7.256 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 42 Resp: 30913

Ion	Ratio	Lower	Upper
42	100		
72	41.2	33.1	49.7
71	38.6	31.4	47.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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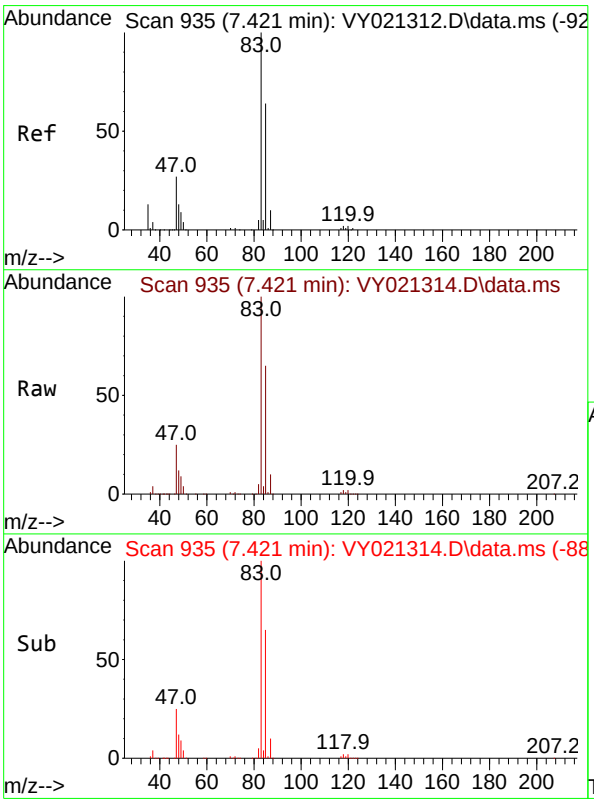
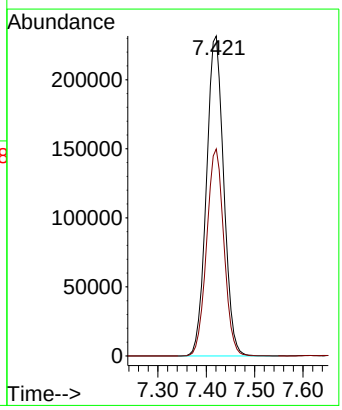
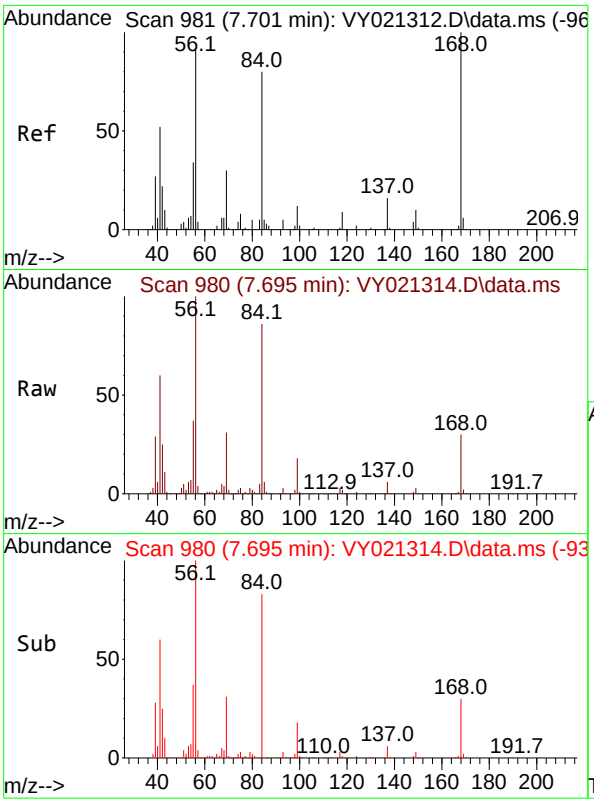


#30
Chloroform
Concen: 151.112 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 83 Resp: 574920

Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.6	77.4





#31
Cyclohexane
Concen: 145.637 ug/l
RT: 7.695 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 56 Resp: 52563

Ion	Ratio	Lower	Upper
56	100		
69	30.8	26.2	39.4
84	84.4	70.2	105.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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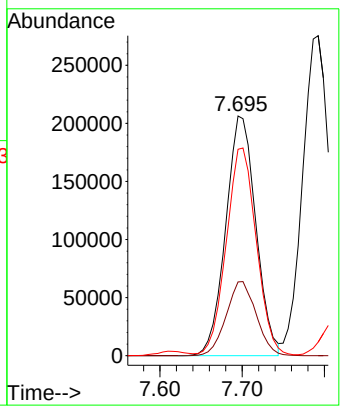
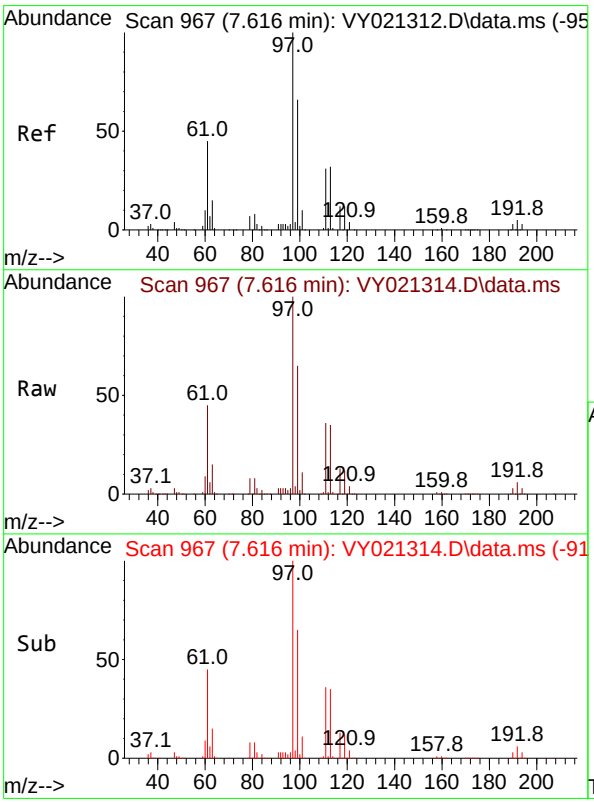
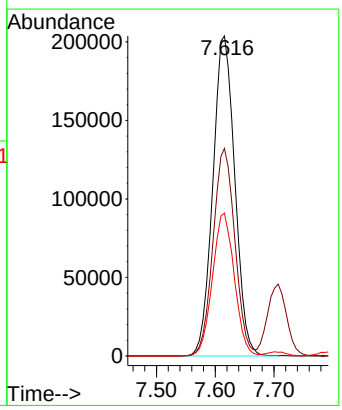


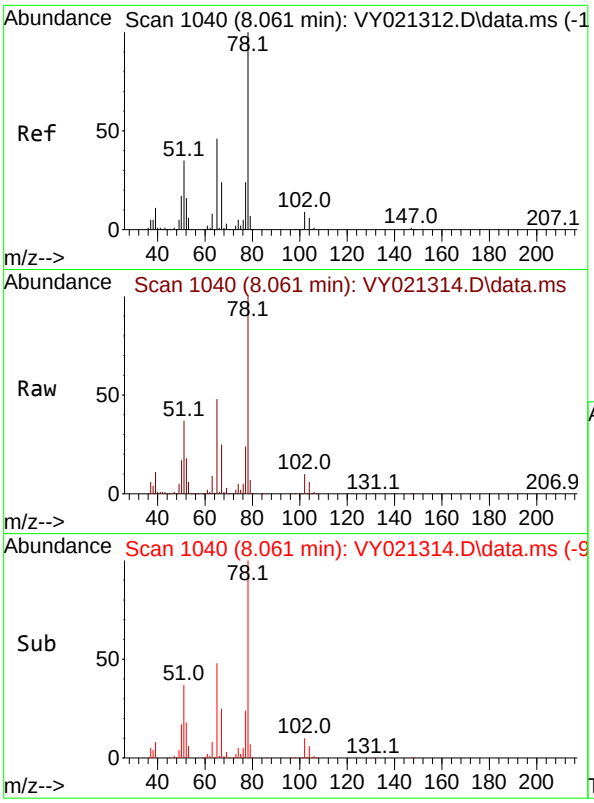


#32
1,1,1-Trichloroethane
Concen: 152.986 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 97 Resp: 529792

Ion	Ratio	Lower	Upper
97	100		
99	64.7	52.4	78.6
61	44.4	36.2	54.2

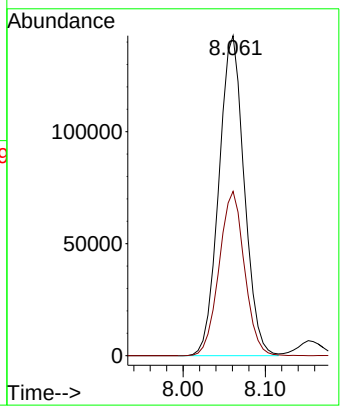




#33
1,2-Dichloroethane-d4
Concen: 149.582 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 65 Resp: 30621

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	103.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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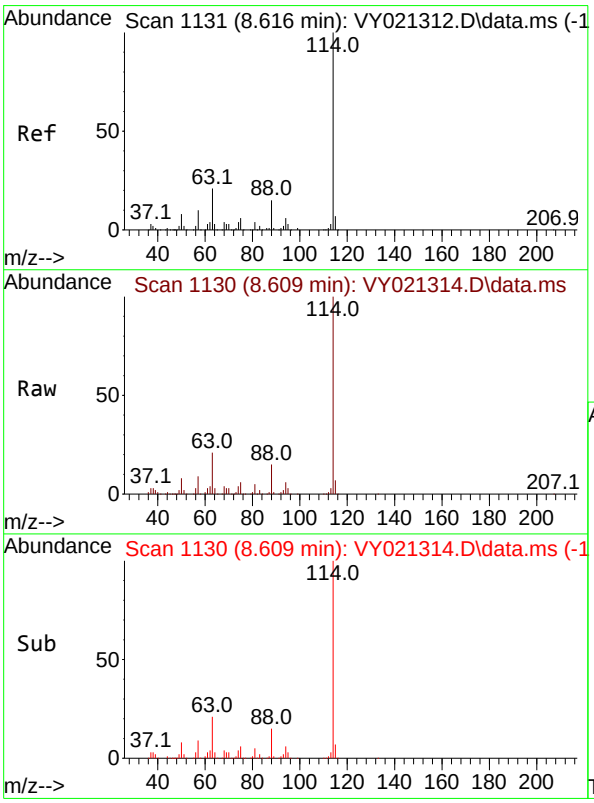
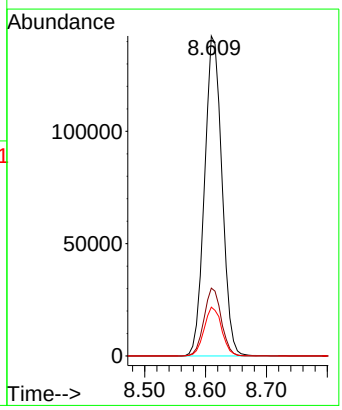
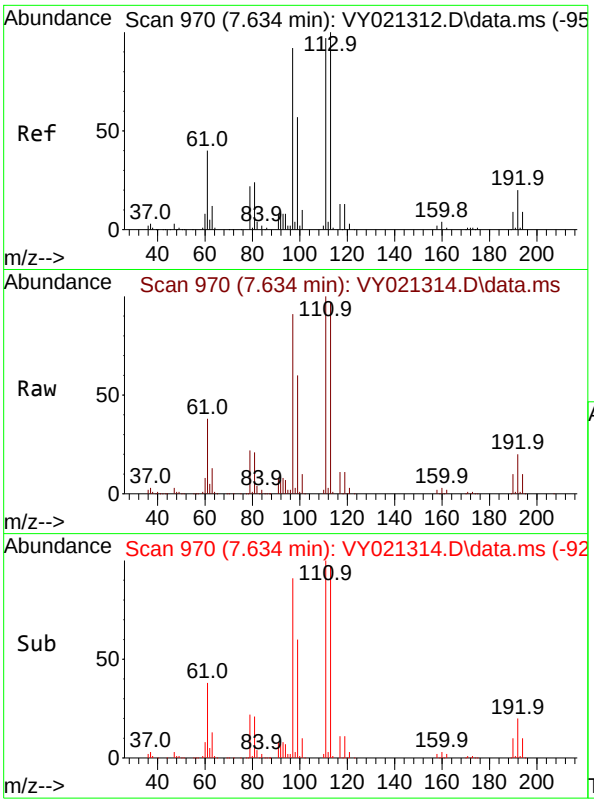


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:114 Resp: 283003

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	42.2
88	15.3	0.0	29.8

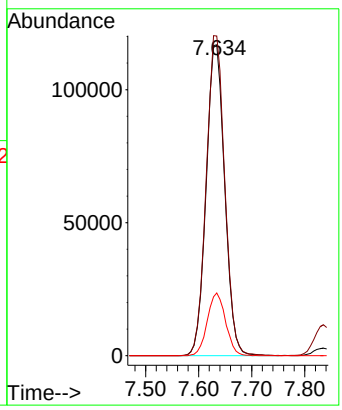




#35
Dibromofluoromethane
Concen: 152.818 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:113 Resp: 28353

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.0	121.6
192	19.9	15.8	23.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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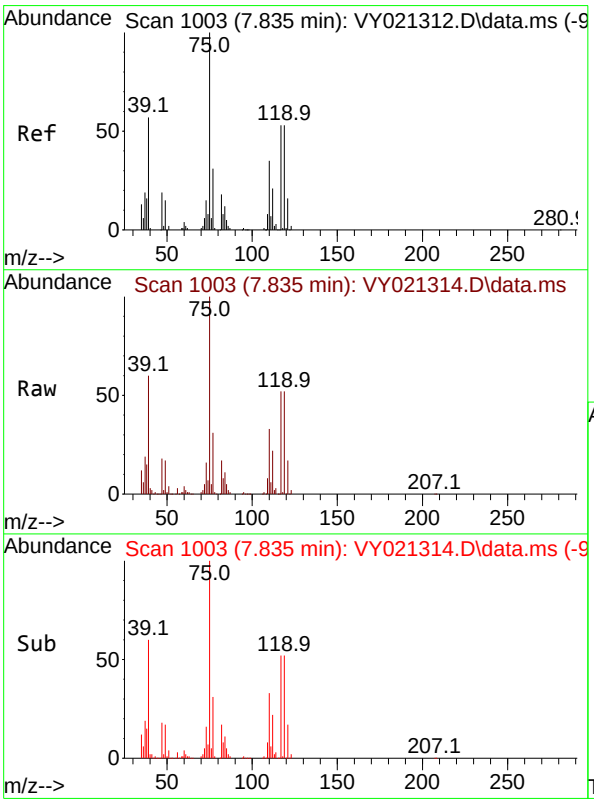
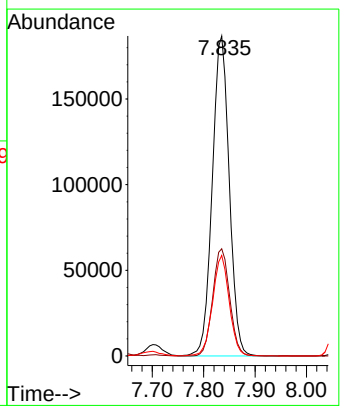
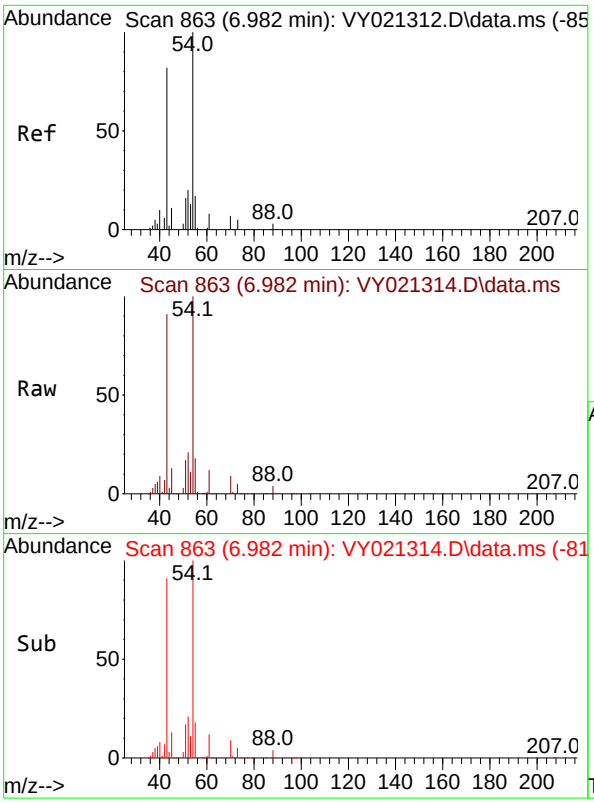


#36
1,1-Dichloropropene
Concen: 153.985 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 75 Resp: 429157

Ion	Ratio	Lower	Upper
75	100		
110	33.5	16.9	50.7
77	30.8	24.6	36.8





#37
Ethyl Acetate
Concen: 156.470 ug/l
RT: 6.982 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 43 Resp: 21692

Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.4	15.6
70	9.4	7.5	11.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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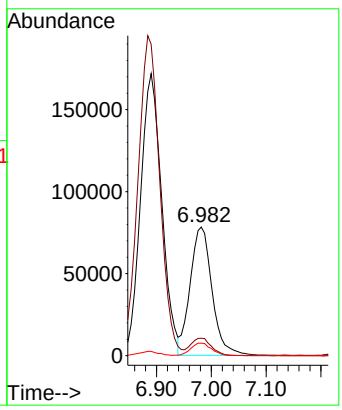
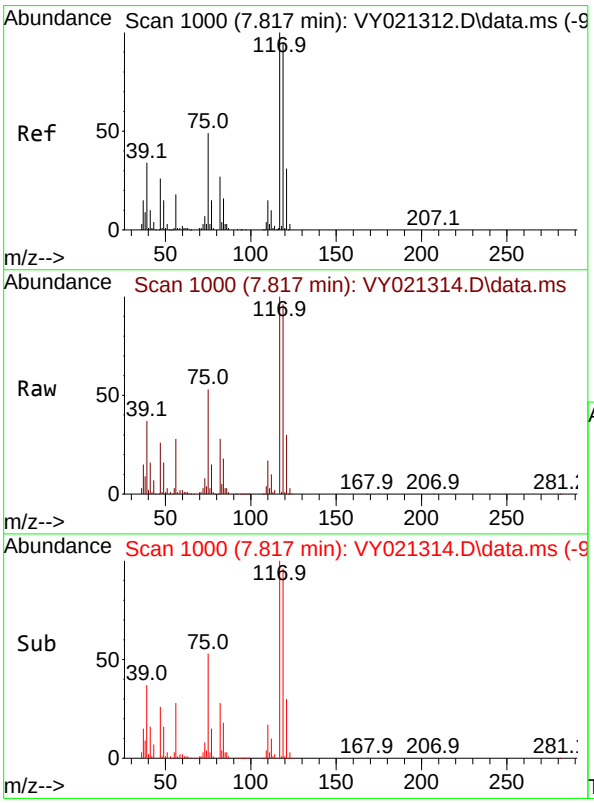
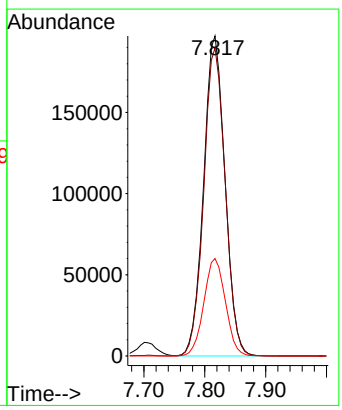


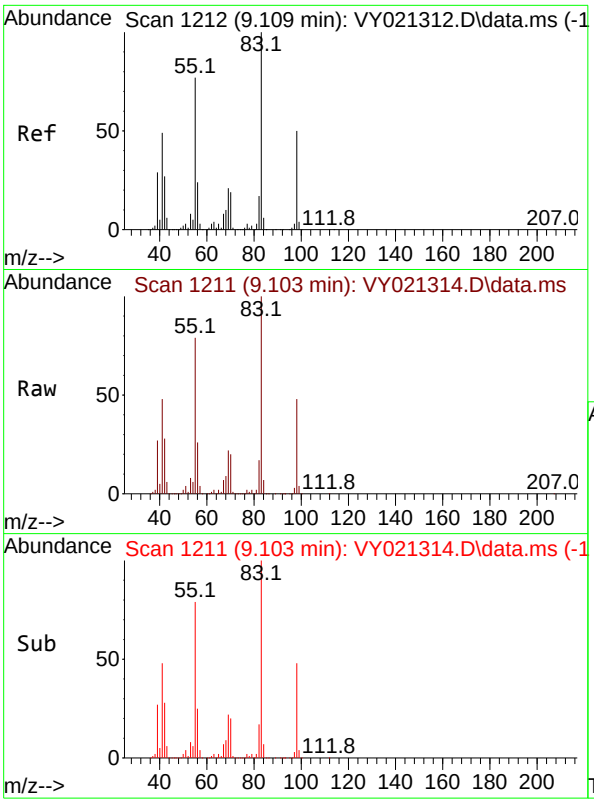


#38
Carbon Tetrachloride
Concen: 153.764 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:117 Resp: 481774

Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.0	114.0
121	30.5	24.9	37.3

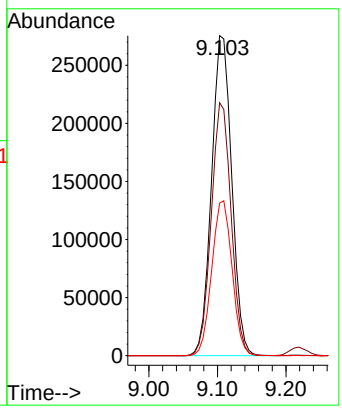




#39
Methylcyclohexane
Concen: 159.752 ug/l
RT: 9.103 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 83 Resp: 56313

Ion	Ratio	Lower	Upper
83	100		
55	79.0	61.3	91.9
98	47.7	39.9	59.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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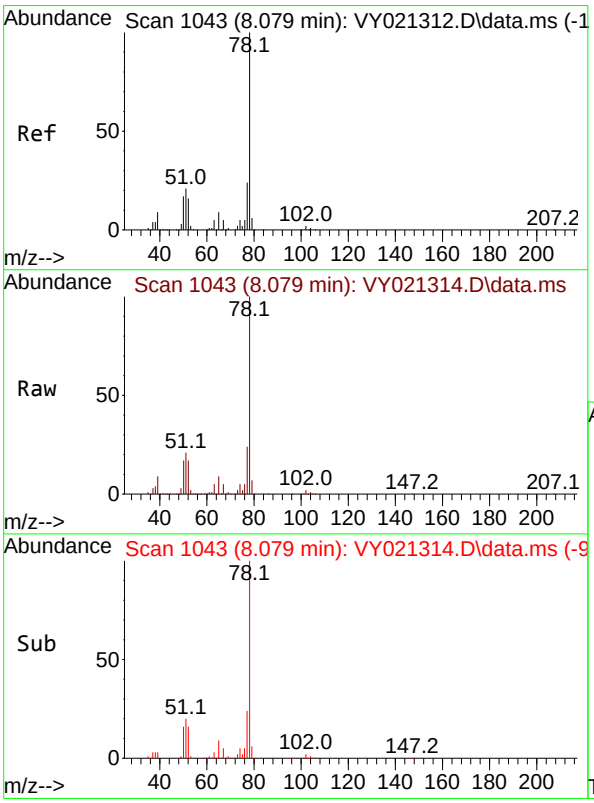
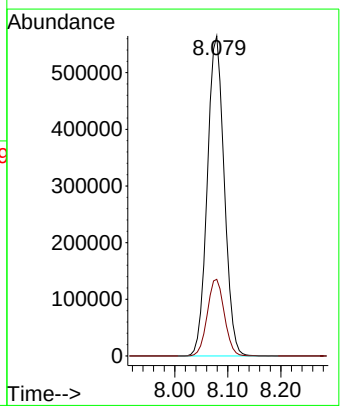
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

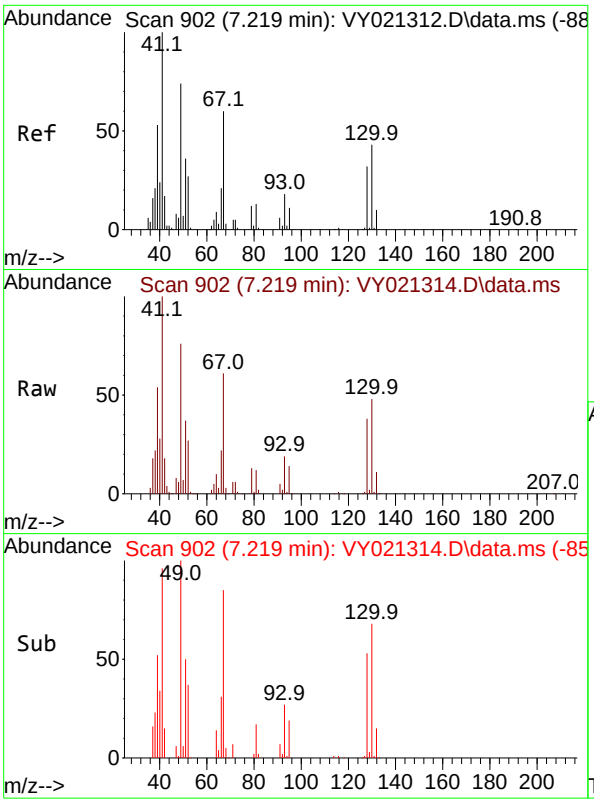


#40
Benzene
Concen: 151.673 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 78 Resp: 1249573

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.2	28.8

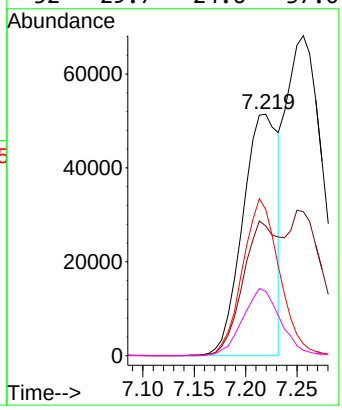




#41
Methacrylonitrile
Concen: 159.542 ug/l
RT: 7.219 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 41 Resp: 12366

Ion	Ratio	Lower	Upper
41	100		
39	61.3	42.3	63.5
67	67.7	54.8	82.2
52	29.7	24.6	37.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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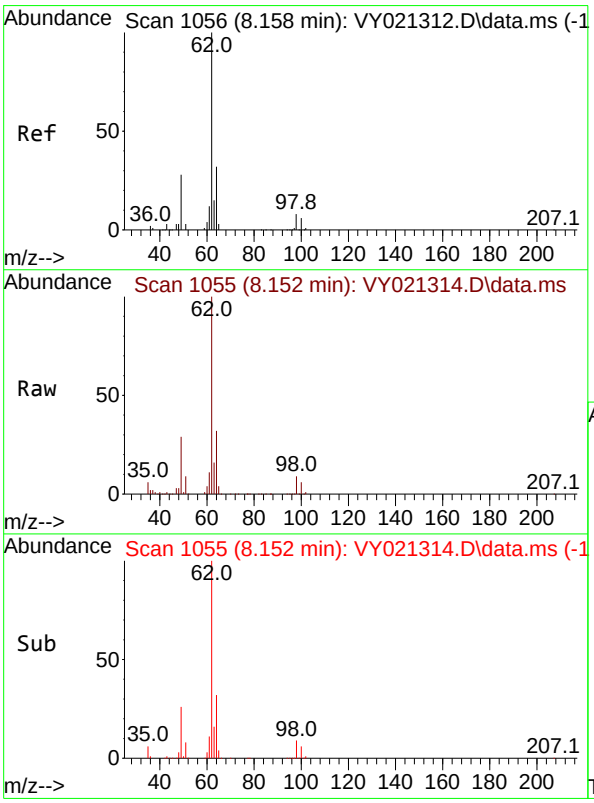
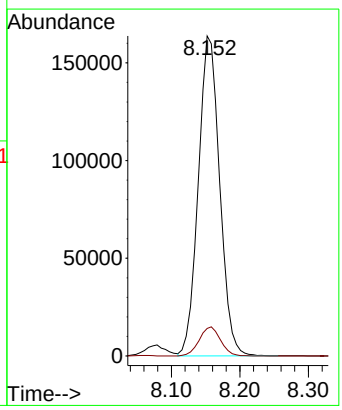
Supervised By :Mahesh Dadoda 02/26/2025

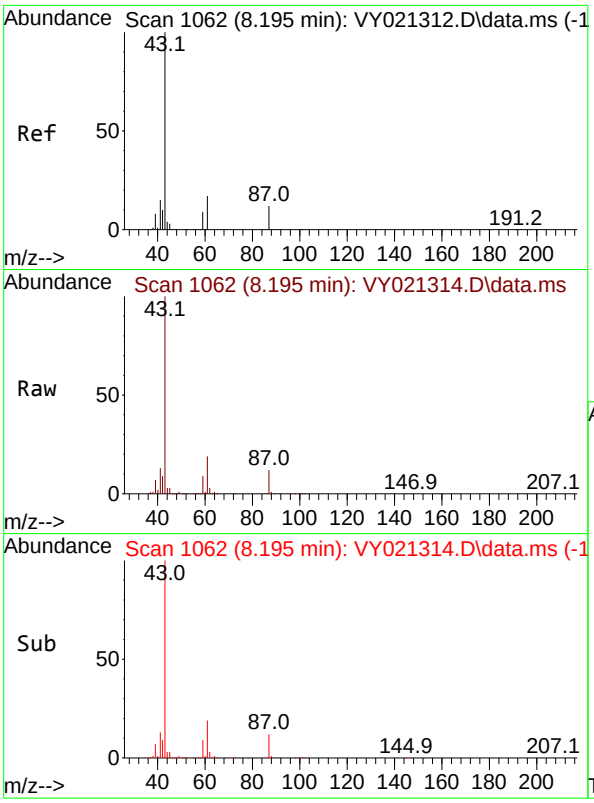


#42
1,2-Dichloroethane
Concen: 152.036 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 62 Resp: 355374

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.6

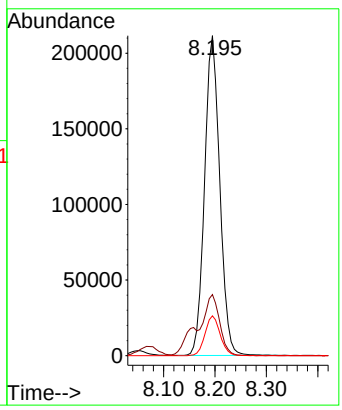




#43
Isopropyl Acetate
Concen: 161.641 ug/l
RT: 8.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 43 Resp: 43374

Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.0	22.6
87	12.4	10.0	15.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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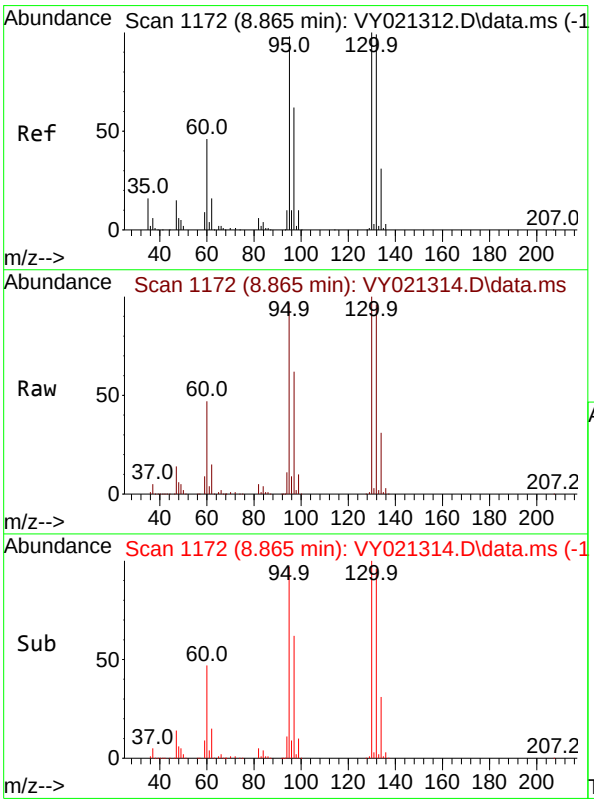
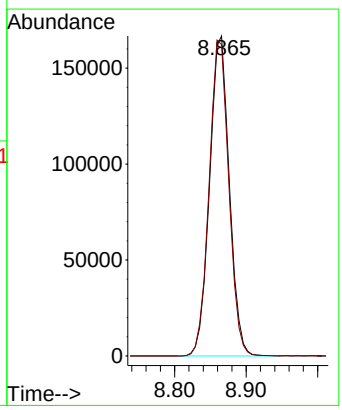
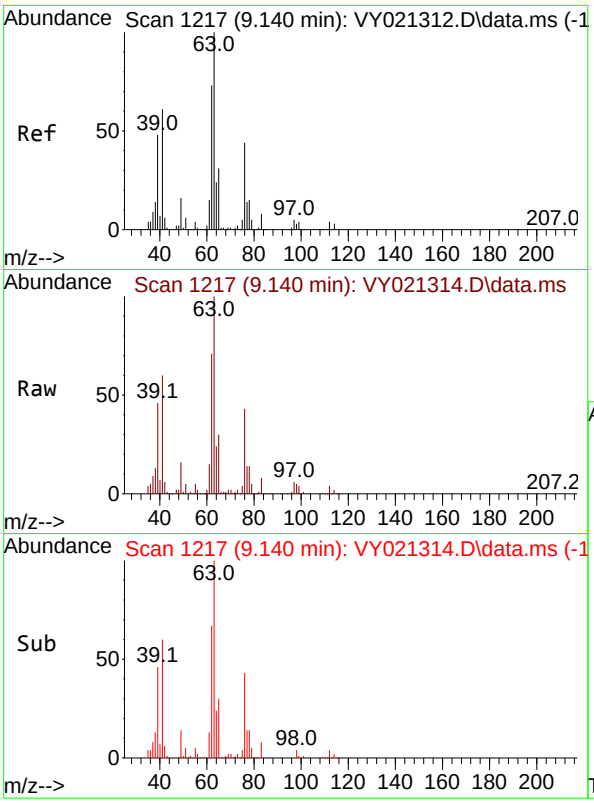


#44
Trichloroethene
Concen: 154.457 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:130 Resp: 318590

Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	196.0

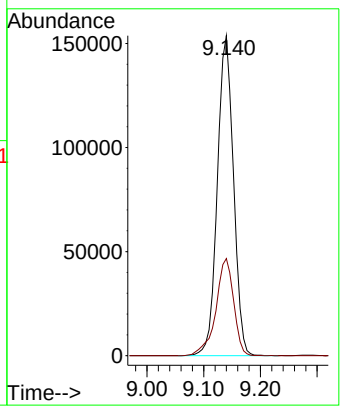




#45
1,2-Dichloropropane
Concen: 152.809 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 63 Resp: 30296

Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.6	36.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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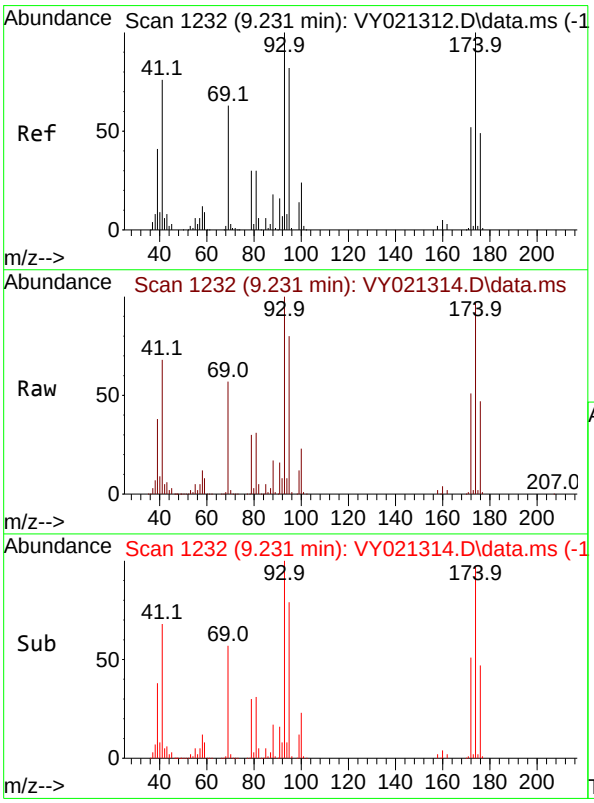
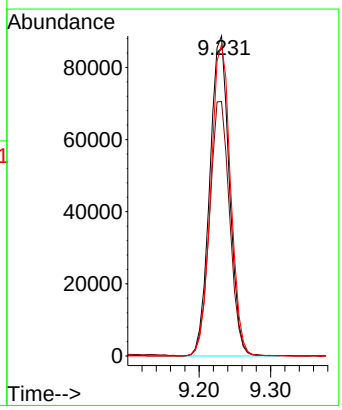
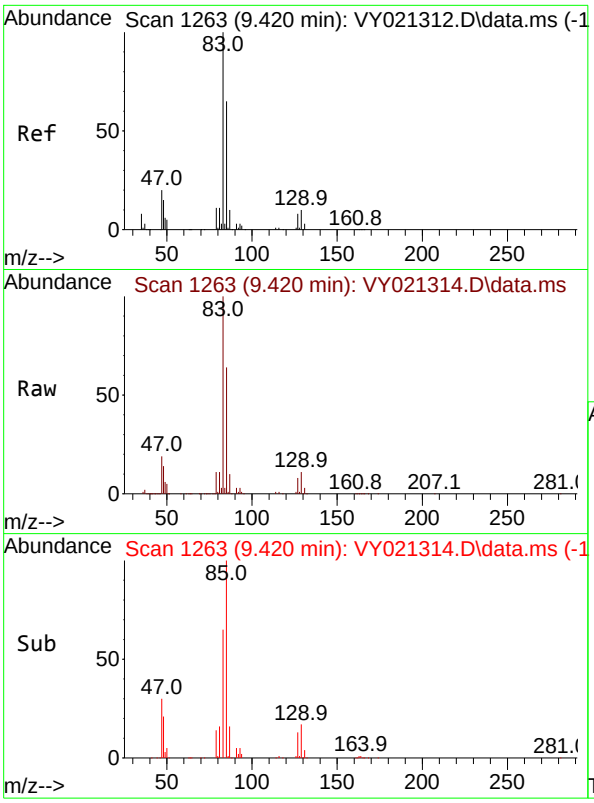


#46
Dibromomethane
Concen: 155.620 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 93 Resp: 168654

Ion	Ratio	Lower	Upper
93	100		
95	81.2	66.4	99.6
174	98.2	78.2	117.2

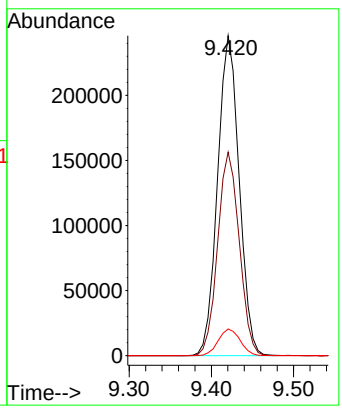




#47
Bromodichloromethane
Concen: 155.172 ug/l
RT: 9.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 83 Resp: 44839

Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.8	77.8
127	8.4	6.7	10.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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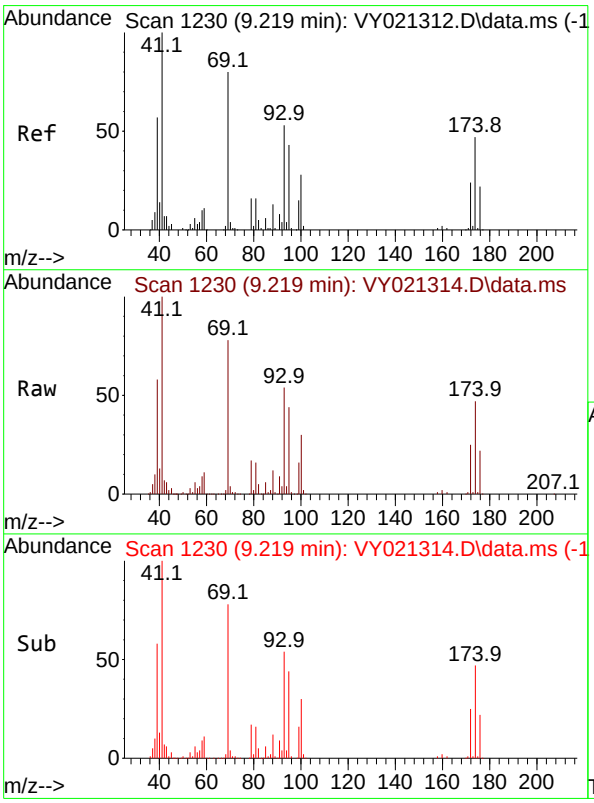
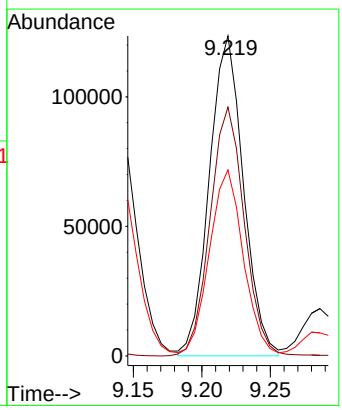
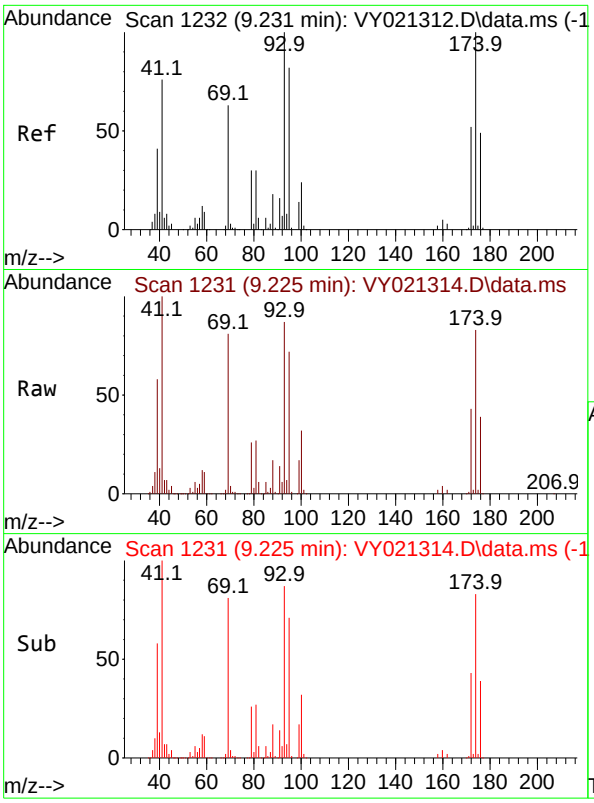


#48
Methyl methacrylate
Concen: 169.923 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 41 Resp: 213222

Ion	Ratio	Lower	Upper
41	100		
69	78.4	63.3	94.9
39	56.2	45.0	67.6

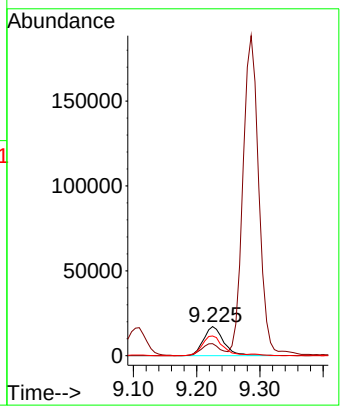




#49
1,4-Dioxane
Concen: 3165.209 ug/l
RT: 9.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 88 Resp: 3814

Ion	Ratio	Lower	Upper
88	100		
43	38.4	34.8	52.2
58	68.6	59.8	89.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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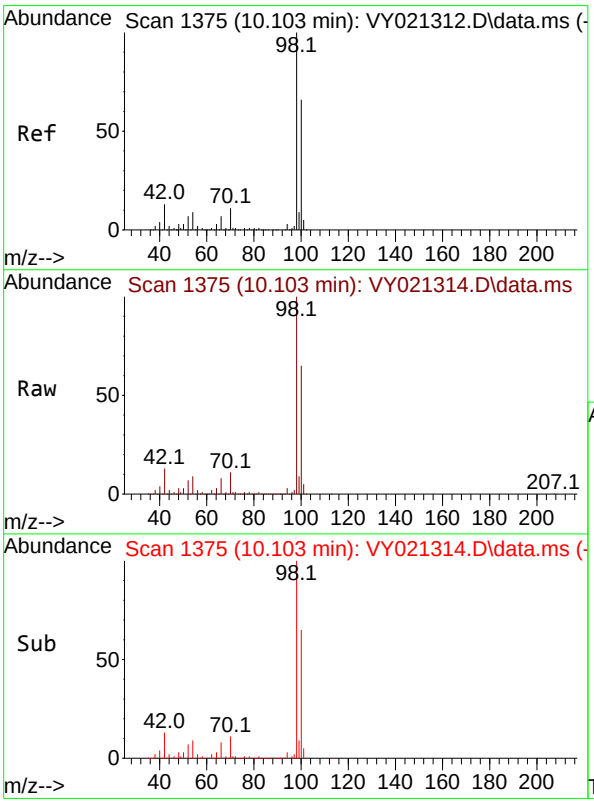
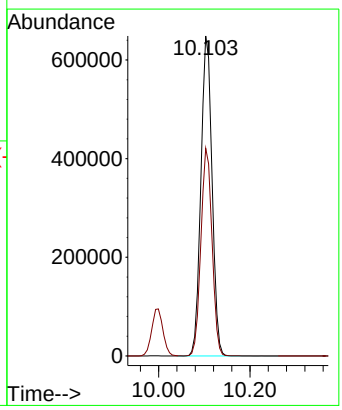
Supervised By :Mahesh Dadoda 02/26/2025

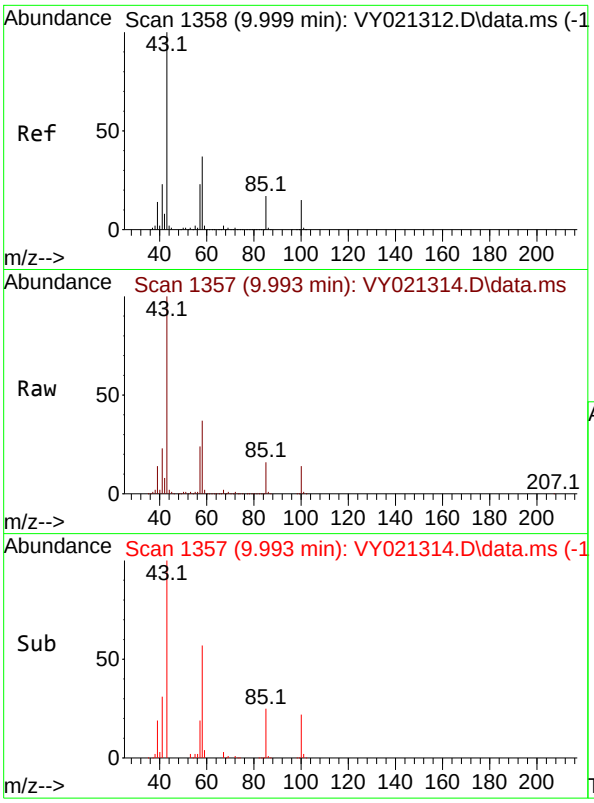


#50
Toluene-d8
Concen: 152.682 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 98 Resp: 1094820

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.4	78.6

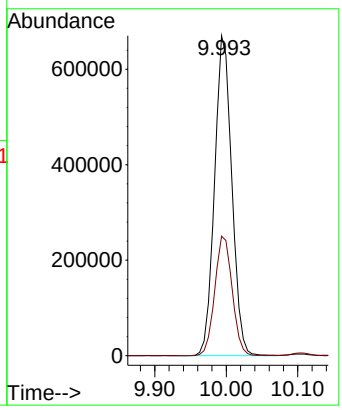




#51
4-Methyl-2-Pentanone
Concen: 816.471 ug/l
RT: 9.993 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 43 Resp: 112150

Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.1	45.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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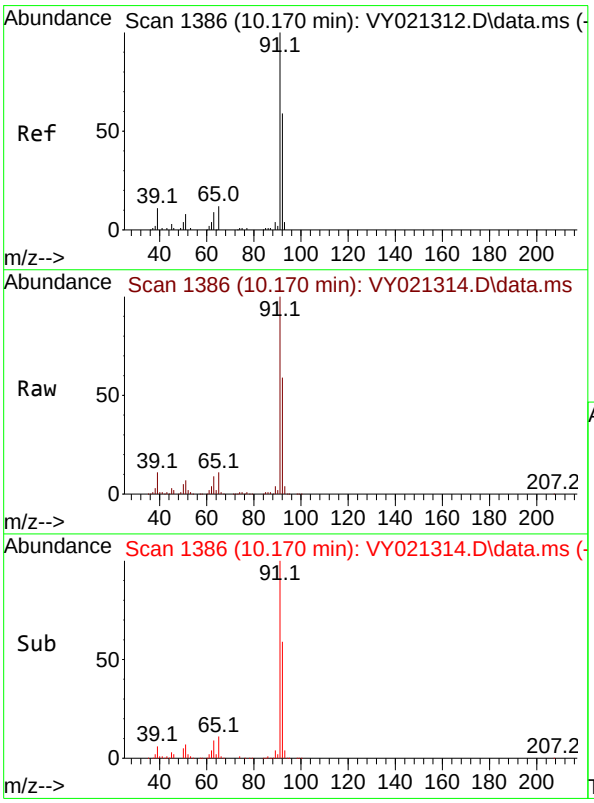
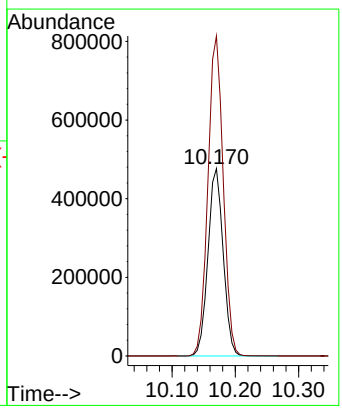
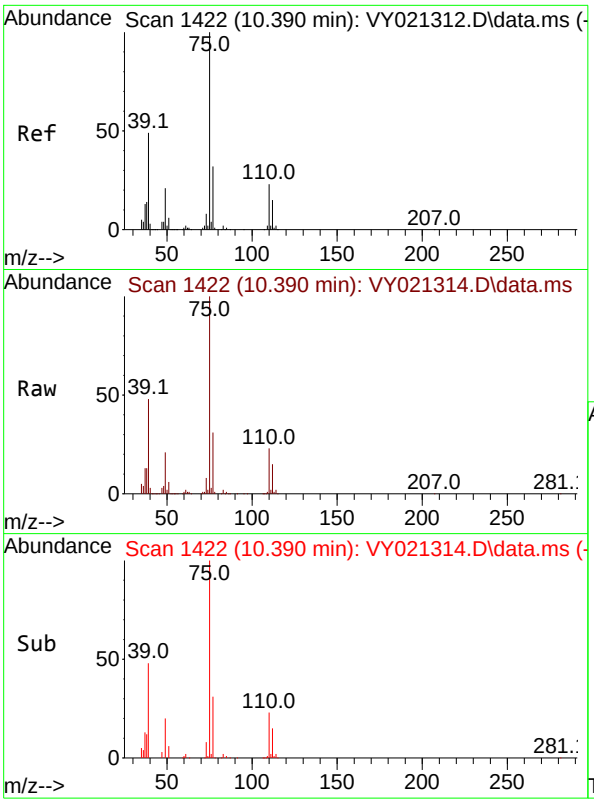


#52
Toluene
Concen: 155.232 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 92 Resp: 794485

Ion	Ratio	Lower	Upper
92	100		
91	172.2	137.8	206.8

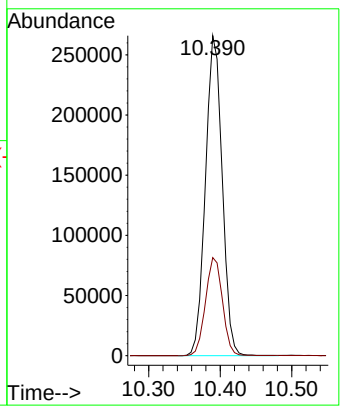




#53
t-1,3-Dichloropropene
Concen: 163.384 ug/l
RT: 10.390 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 75 Resp: 43256

Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.3	37.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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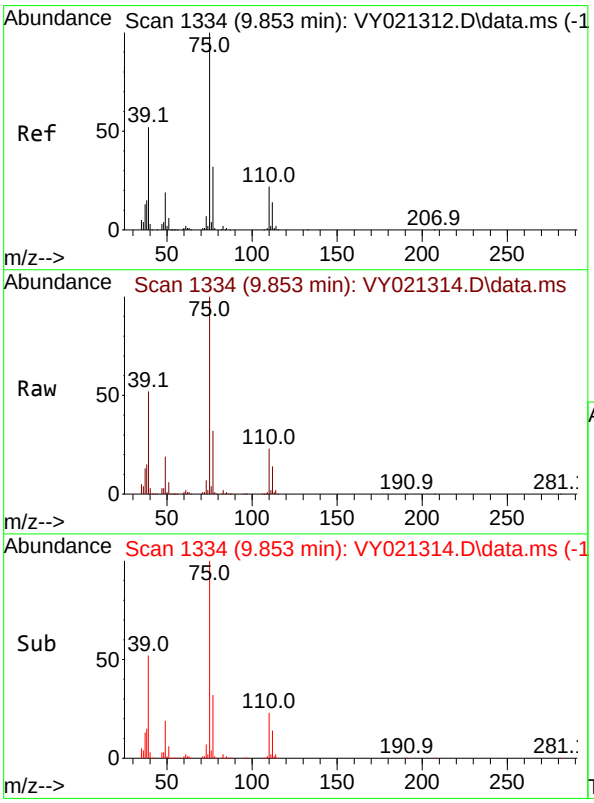
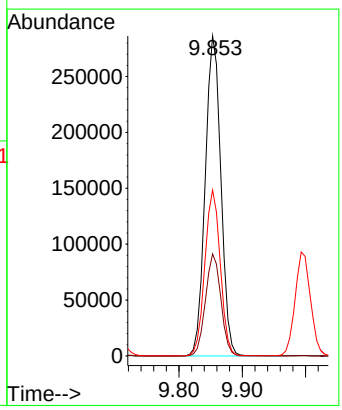
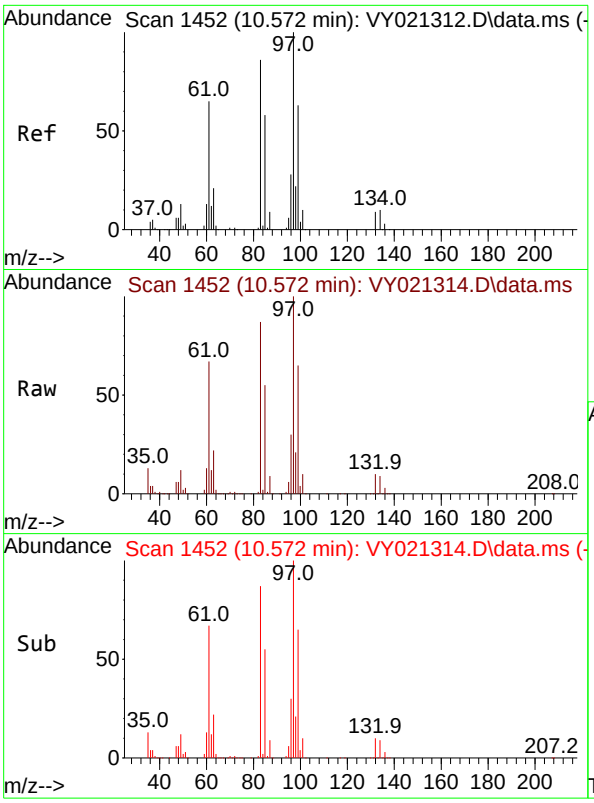


#54
cis-1,3-Dichloropropene
Concen: 157.928 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 75 Resp: 493601

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.7	38.5
39	51.8	41.8	62.6

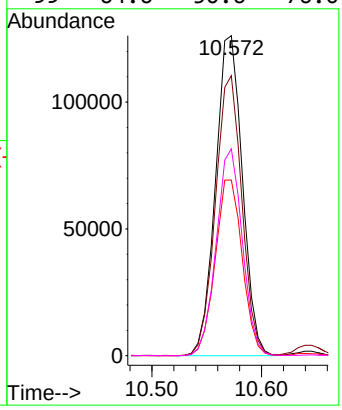




#55
1,1,2-Trichloroethane
Concen: 152.506 ug/l
RT: 10.572 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 97 Resp: 21531

Ion	Ratio	Lower	Upper
97	100		
83	87.5	68.7	103.1
85	54.8	46.3	69.5
99	64.6	50.6	76.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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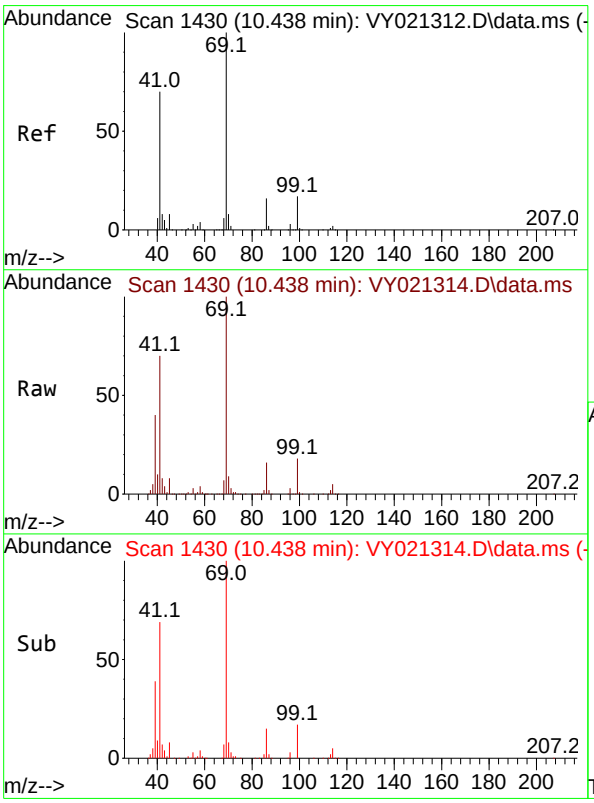
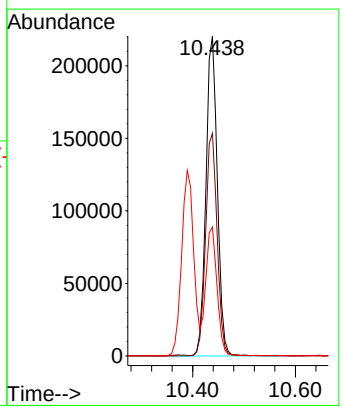
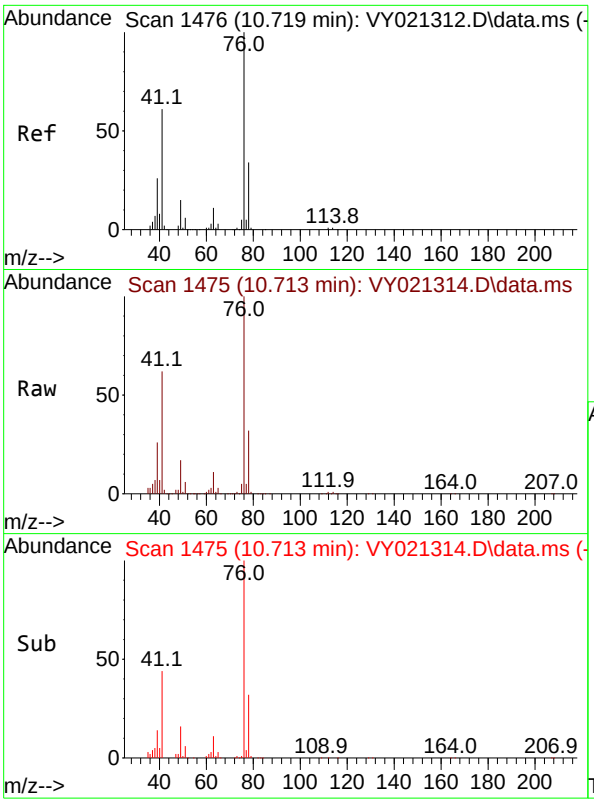


#56
Ethyl methacrylate
Concen: 173.168 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 69 Resp: 337816

Ion	Ratio	Lower	Upper
69	100		
41	70.3	56.2	84.4
39	40.0	32.7	49.1





#57
1,3-Dichloropropane
Concen: 155.726 ug/l
RT: 10.713 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 76 Resp: 38580

Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.9	38.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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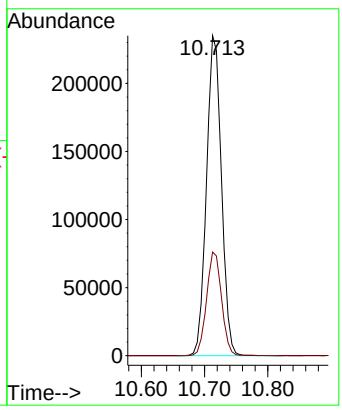
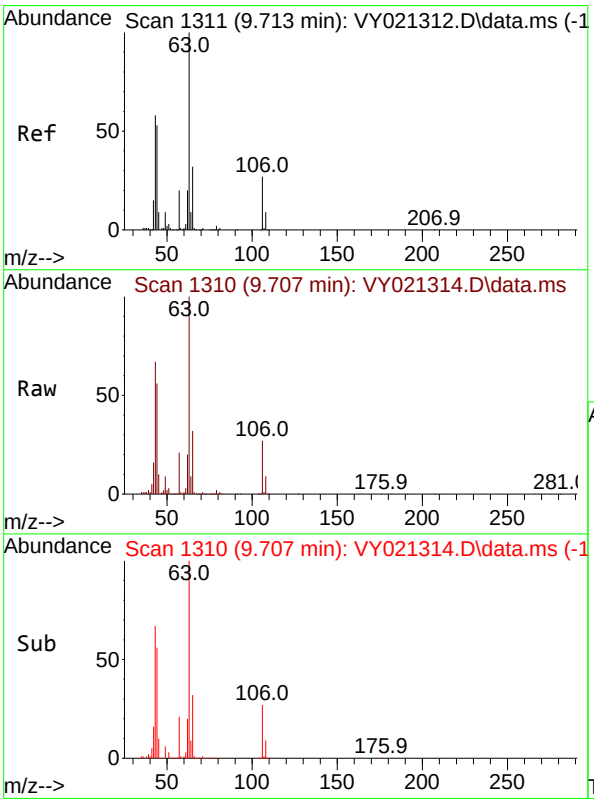
Supervised By :Mahesh Dadoda 02/26/2025

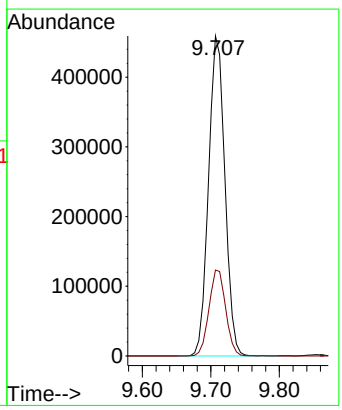


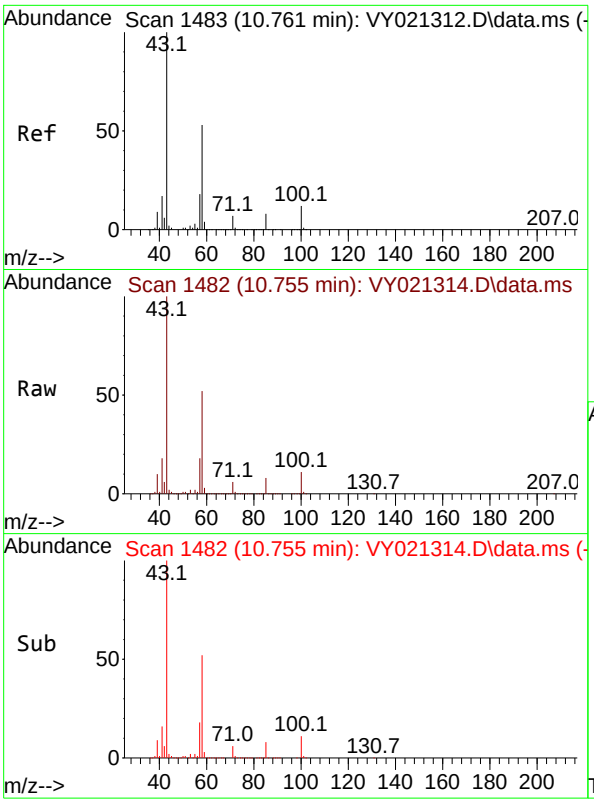


#58
2-Chloroethyl Vinyl ether
Concen: 812.859 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 63 Resp: 761125

Ion	Ratio	Lower	Upper
63	100		
106	27.4	21.7	32.5

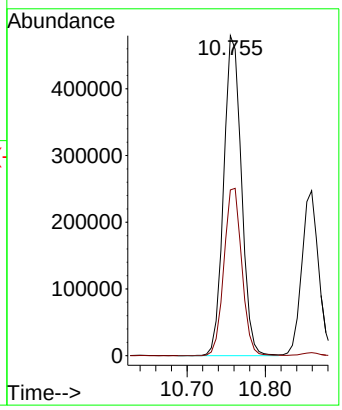




#59
2-Hexanone
Concen: 836.458 ug/l
RT: 10.755 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 43 Resp: 754575

Ion	Ratio	Lower	Upper
43	100		
58	52.8	25.9	77.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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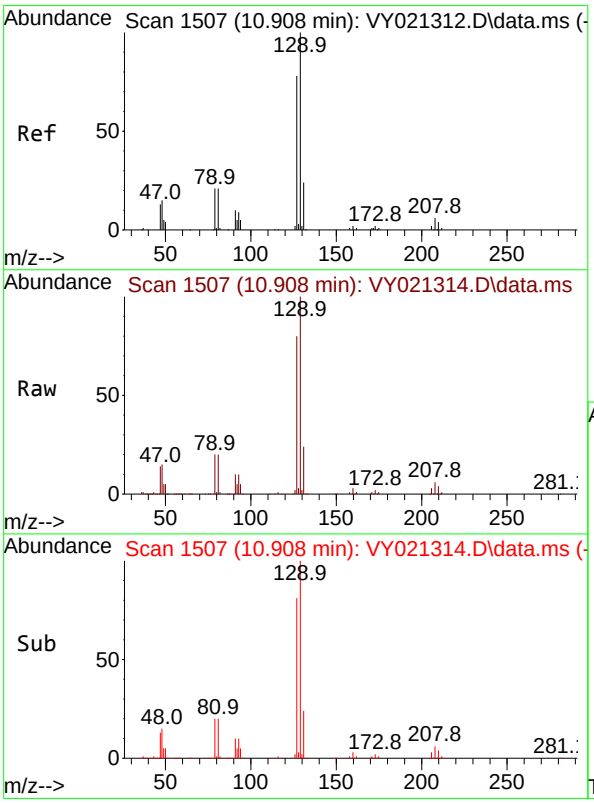
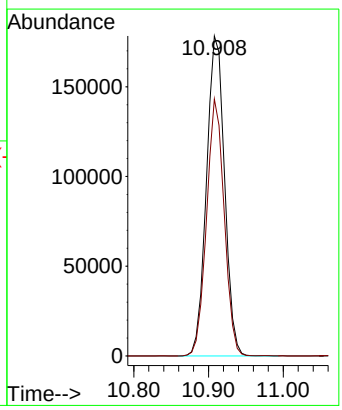
Supervised By :Mahesh Dadoda 02/26/2025

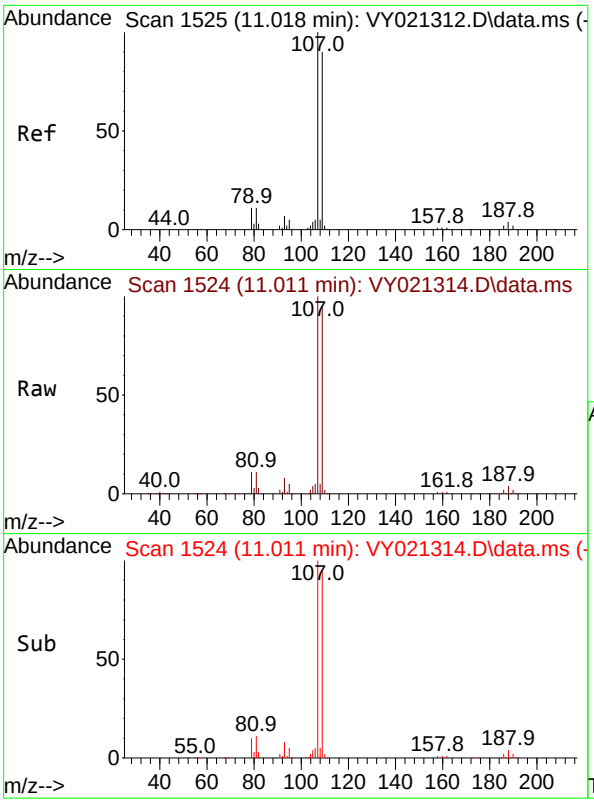


#60
Dibromochloromethane
Concen: 155.598 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:129 Resp: 299188

Ion	Ratio	Lower	Upper
129	100		
127	78.3	38.8	116.4

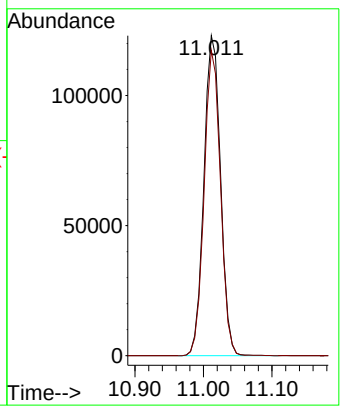




#61
1,2-Dibromoethane
Concen: 155.651 ug/l
RT: 11.011 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:107 Resp: 20804

Ion	Ratio	Lower	Upper
107	100		
109	93.7	73.8	110.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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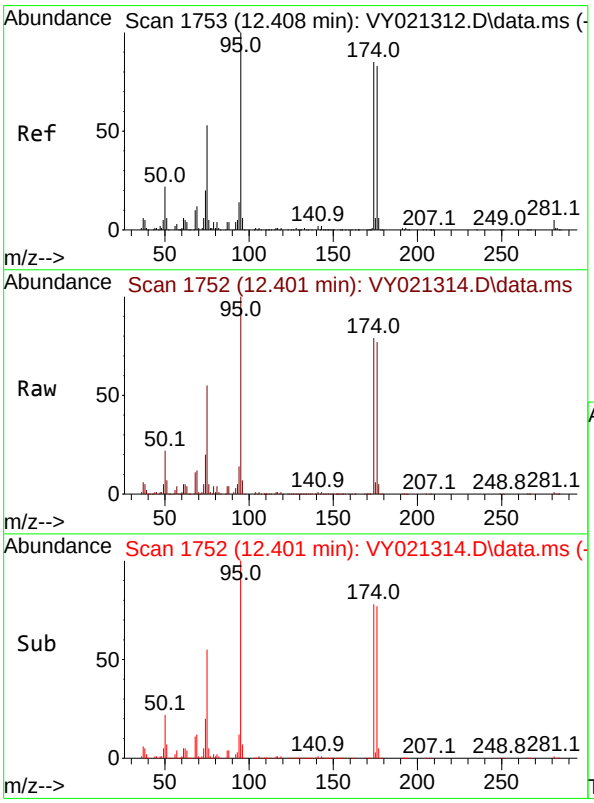
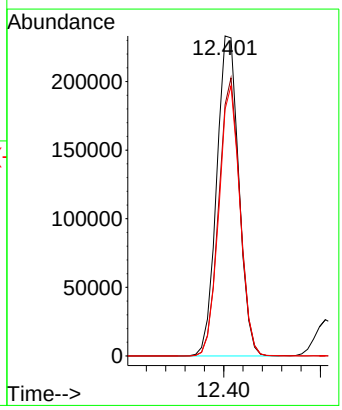
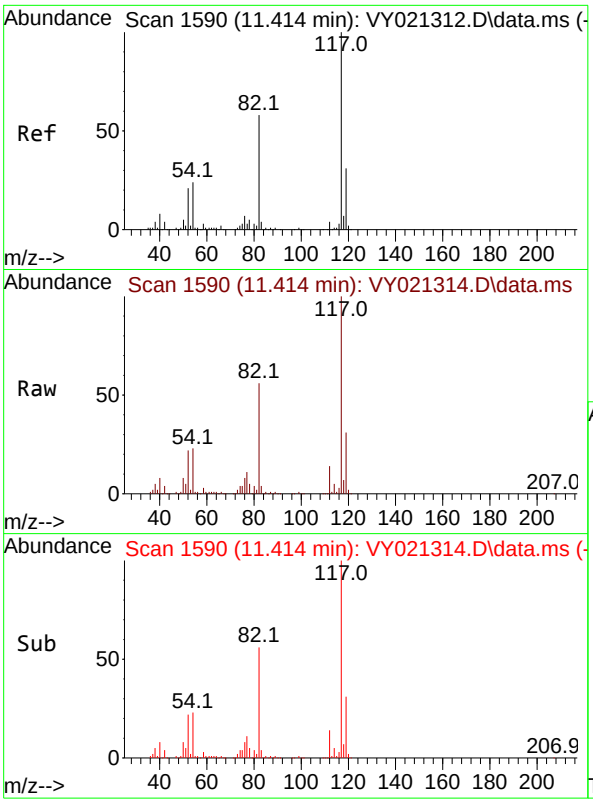


#62
4-Bromofluorobenzene
Concen: 152.937 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 95 Resp: 369071

Ion	Ratio	Lower	Upper
95	100		
174	82.9	0.0	168.0
176	80.5	0.0	162.6

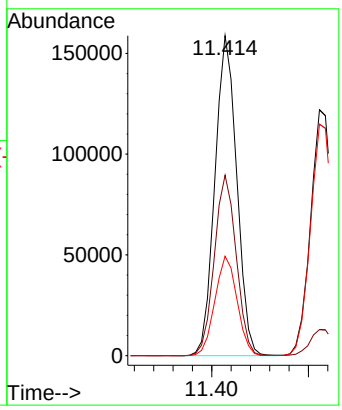




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:117 Resp: 24849

Ion	Ratio	Lower	Upper
117	100		
82	56.4	46.2	69.4
119	31.1	24.9	37.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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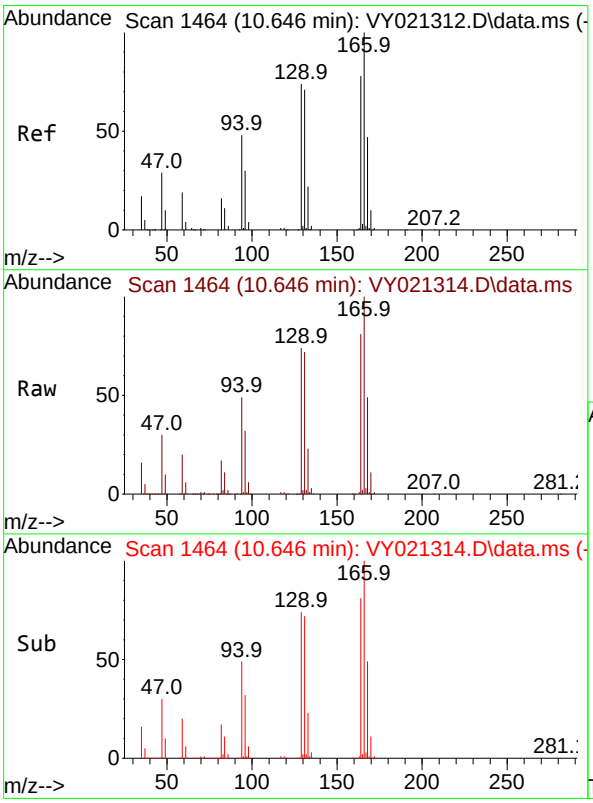
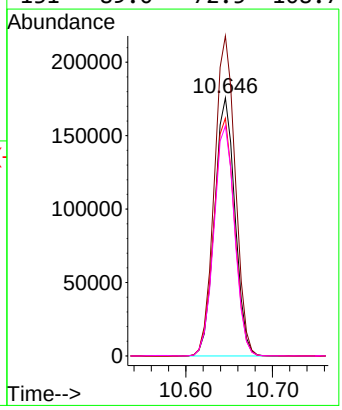
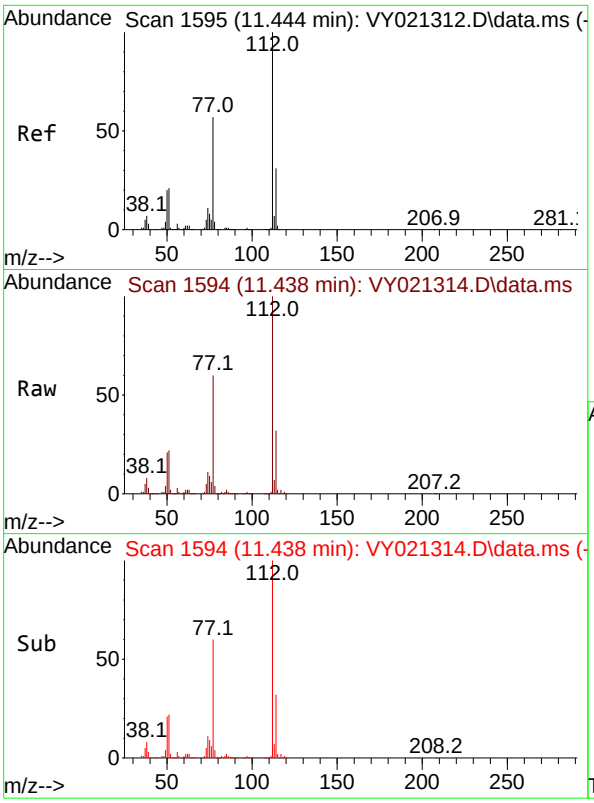


#64
Tetrachloroethene
Concen: 153.351 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:164 Resp: 288026

Ion	Ratio	Lower	Upper
164	100		
166	124.0	101.9	152.9
129	92.1	75.5	113.3
131	89.0	72.5	108.7

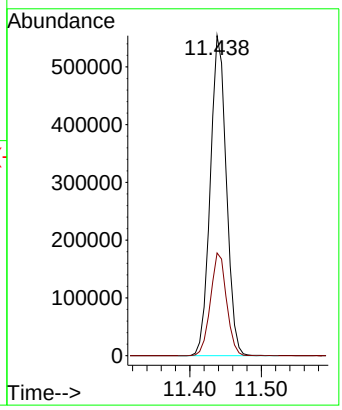




#65
Chlorobenzene
Concen: 154.837 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:112 Resp: 86367

Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.0	37.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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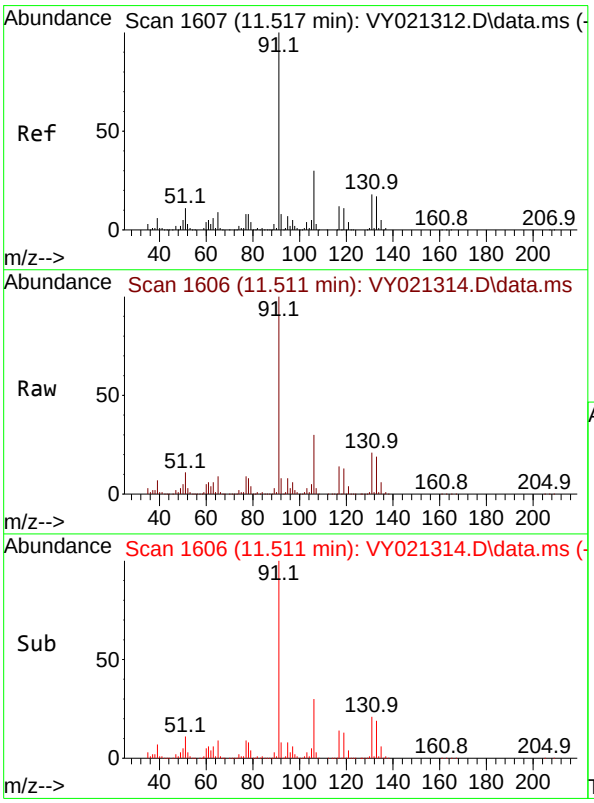
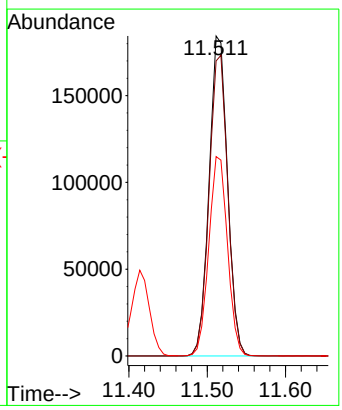
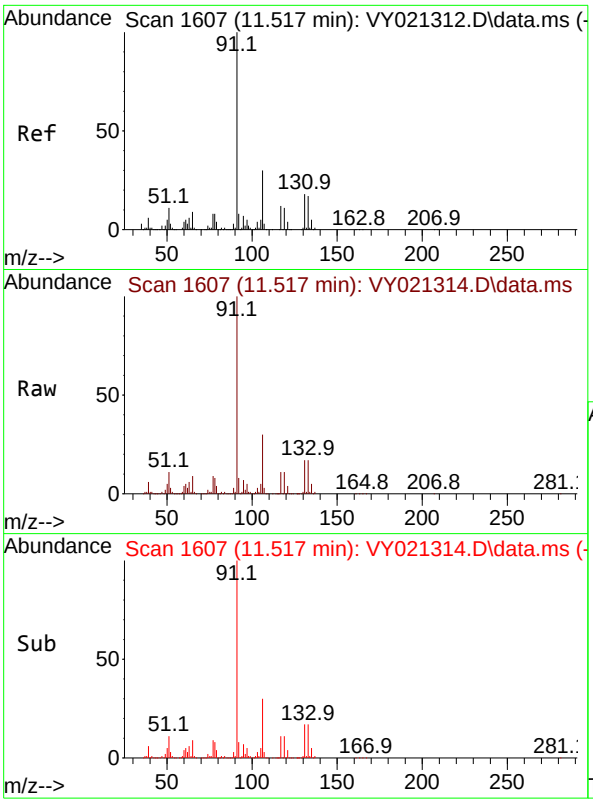


#66
1,1,1,2-Tetrachloroethane
Concen: 154.234 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:131 Resp: 301244

Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.9	143.6
119	63.3	31.7	95.1

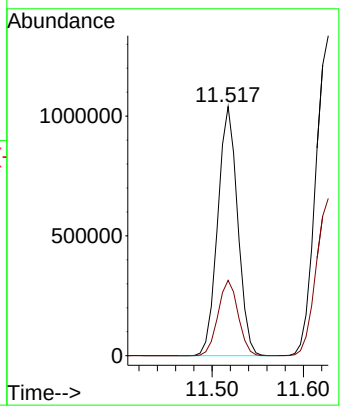




#67
Ethyl Benzene
Concen: 159.586 ug/l
RT: 11.517 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 91 Resp: 157674

Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.4	36.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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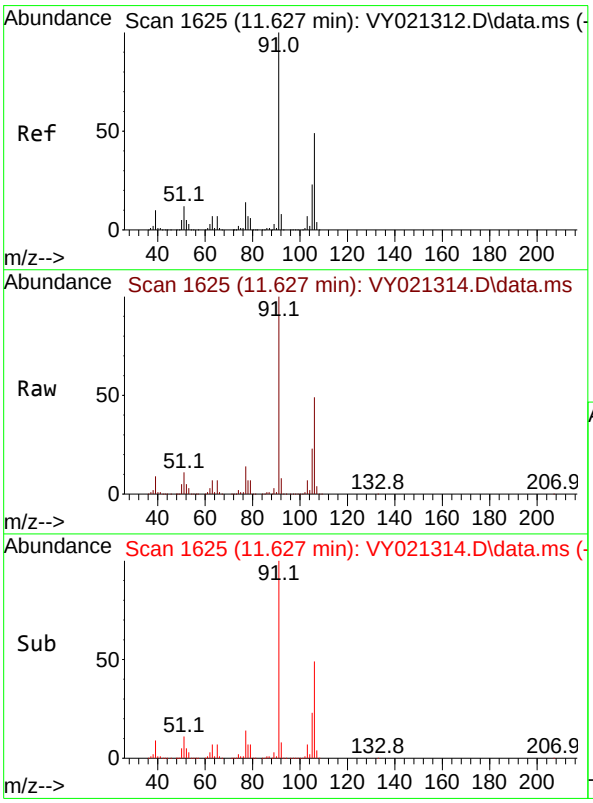
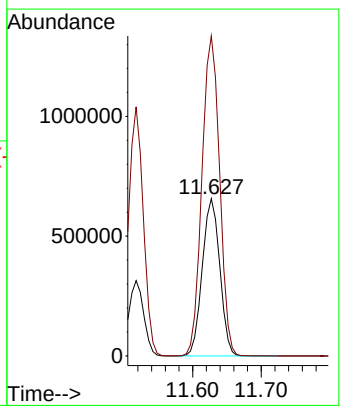
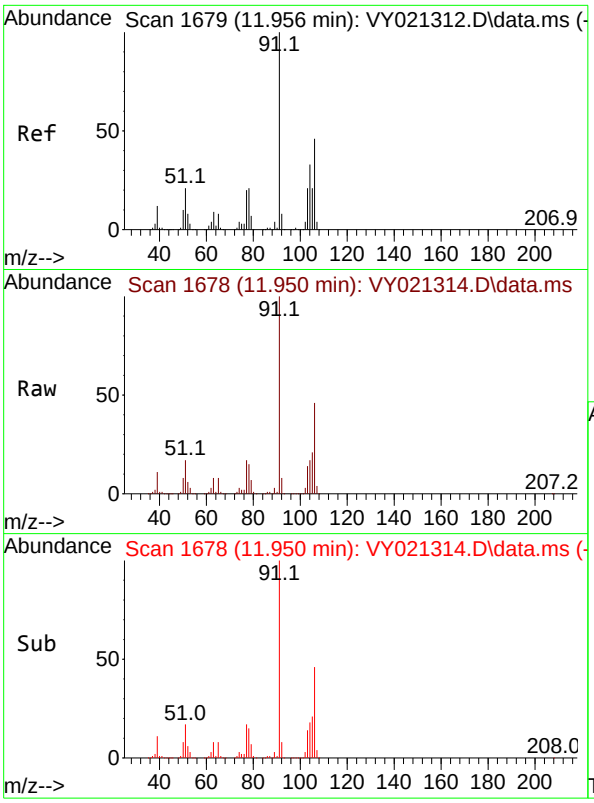


#68
m/p-Xylenes
Concen: 314.246 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:106 Resp: 1167839

Ion	Ratio	Lower	Upper
106	100		
91	205.5	163.9	245.9

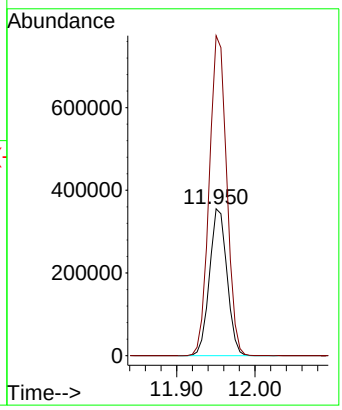




#69
o-Xylene
Concen: 158.258 ug/l
RT: 11.950 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:106 Resp: 55097

Ion	Ratio	Lower	Upper
106	100		
91	217.0	108.1	324.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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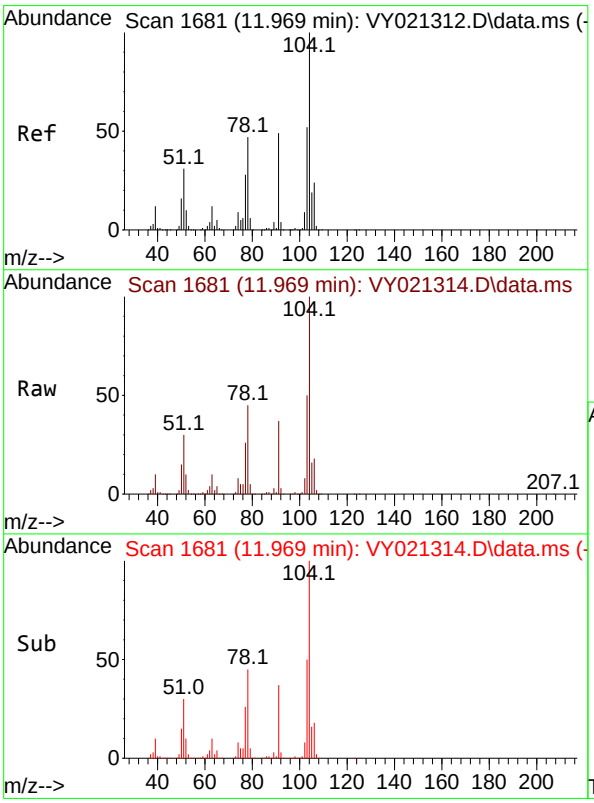
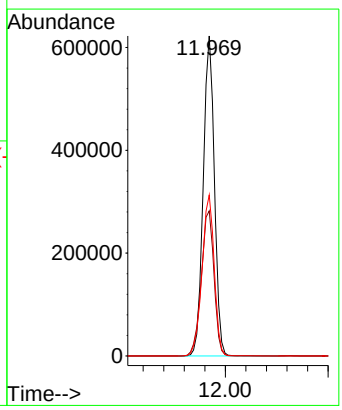
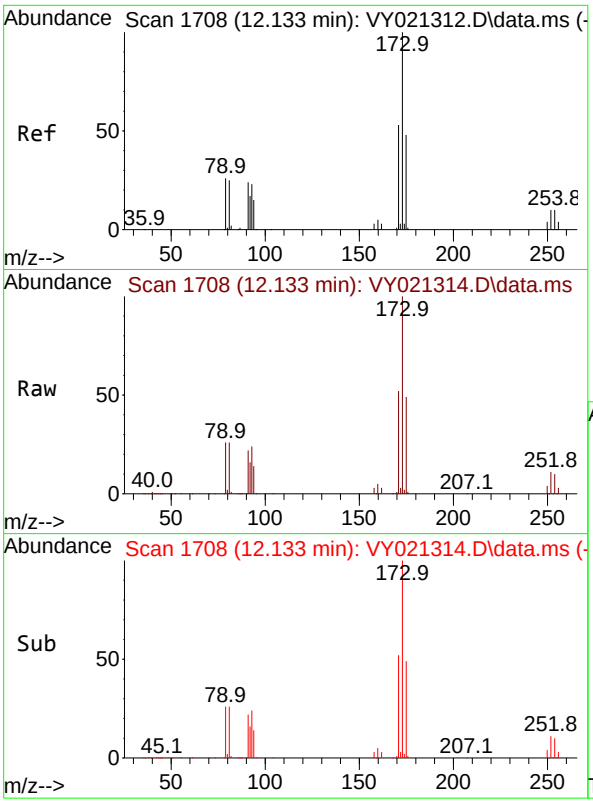


#70
Styrene
Concen: 161.754 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:104 Resp: 936967

Ion	Ratio	Lower	Upper
104	100		
78	51.7	41.3	61.9
103	55.0	43.9	65.9

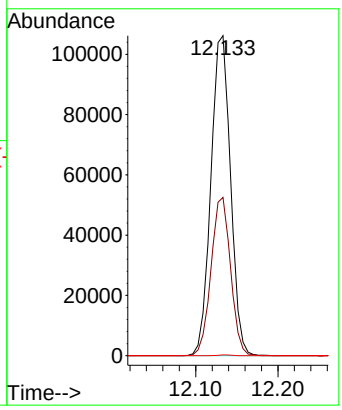




#71
Bromoform
Concen: 157.441 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:173 Resp: 17591

Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.1	72.3
254	0.2	0.1	0.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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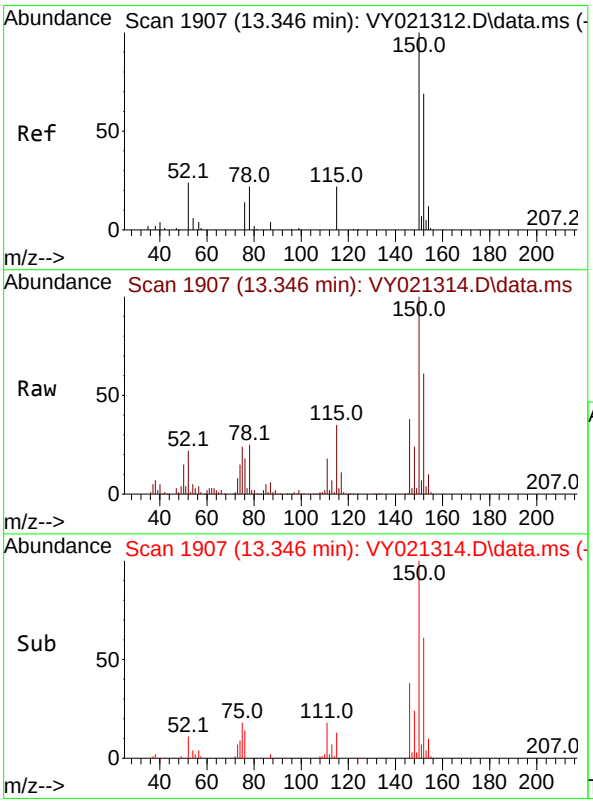
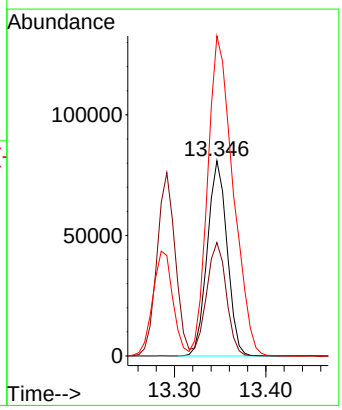
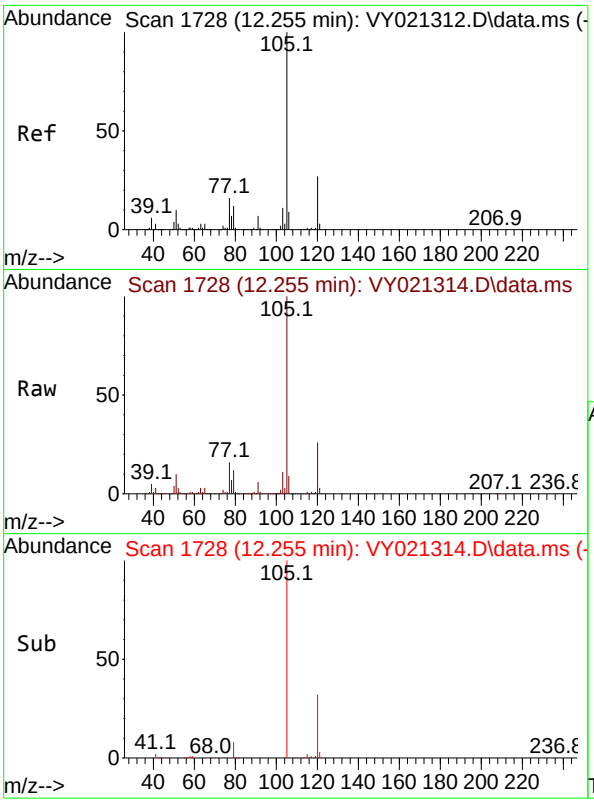


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:152 Resp: 121558

Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.3	88.0
150	210.8	0.0	347.4

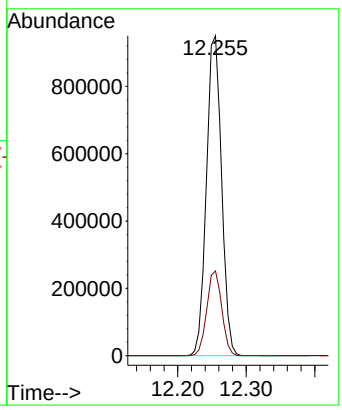




#73
Isopropylbenzene
Concen: 159.969 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:105 Resp: 146190

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.3	39.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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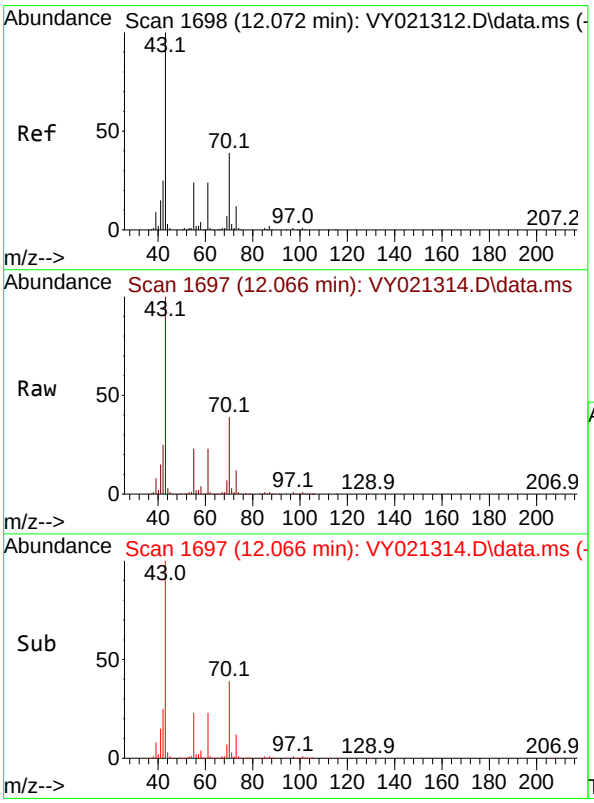
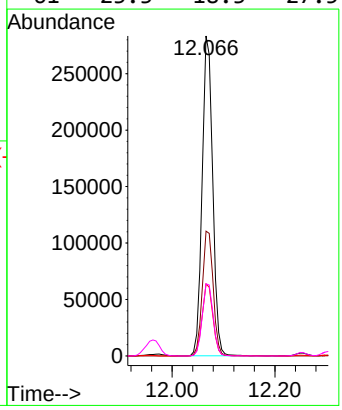
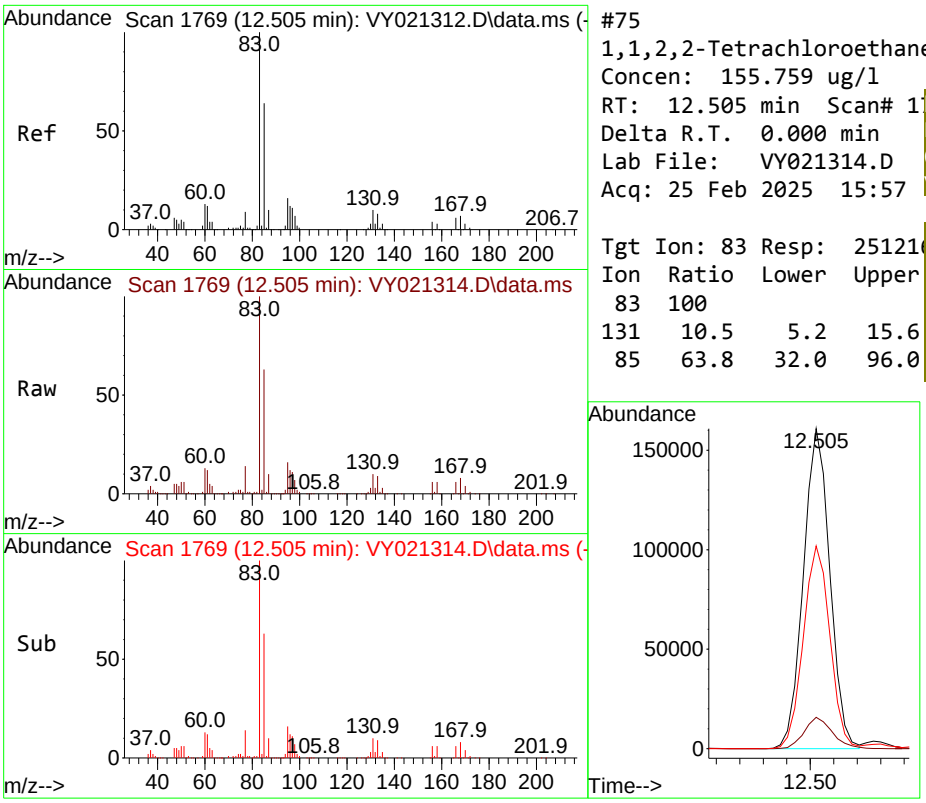


#74
N-amyl acetate
Concen: 173.596 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 43 Resp: 403238

Ion	Ratio	Lower	Upper
43	100		
70	40.2	32.2	48.2
55	23.0	19.6	29.4
61	23.3	18.3	27.5





#75
1,1,2,2-Tetrachloroethane
Concen: 155.759 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 83 Resp: 25121

Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.2	15.6
85	63.8	32.0	96.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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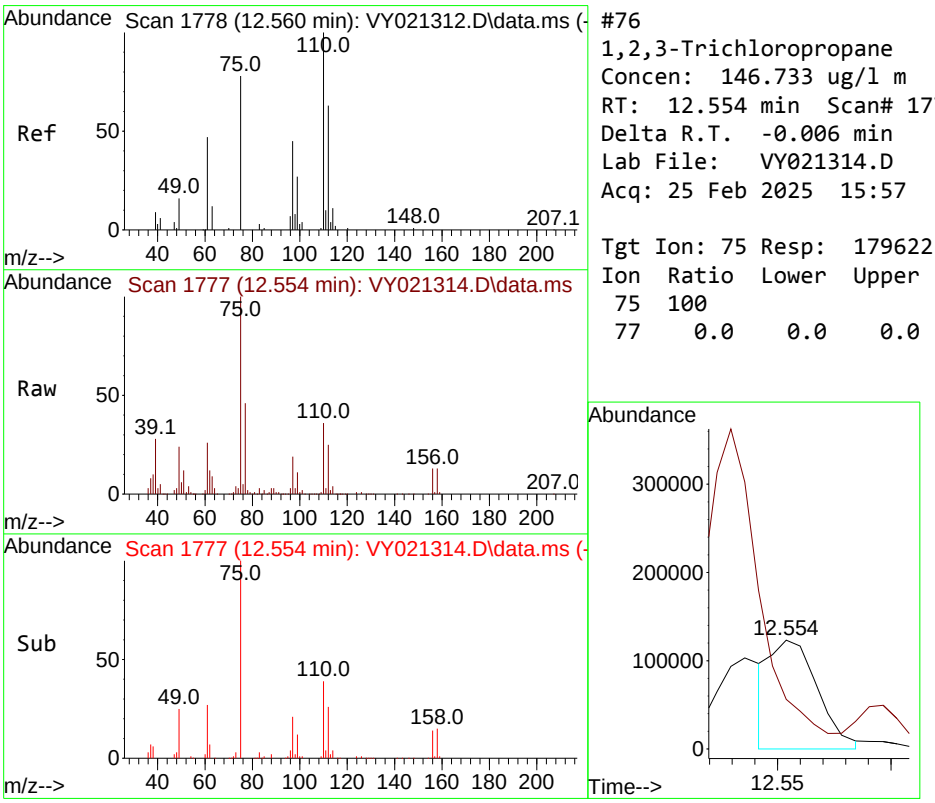
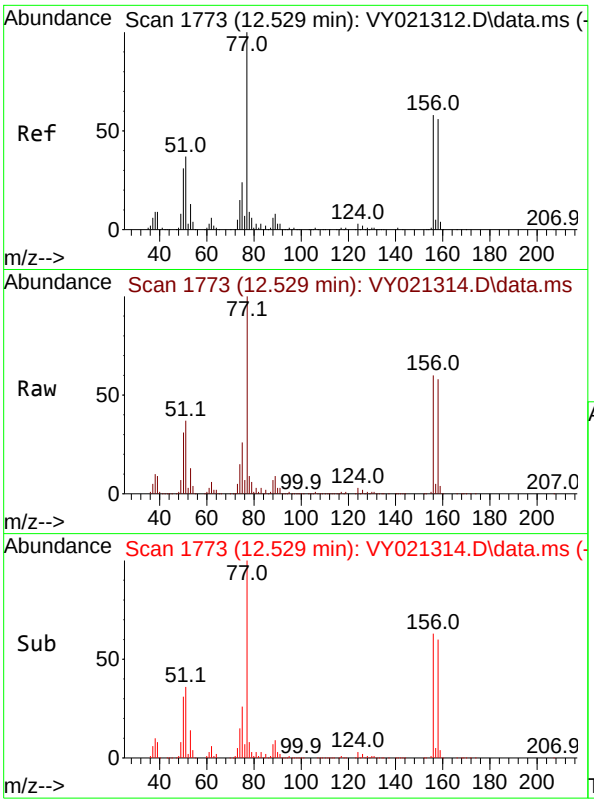


#76
1,2,3-Trichloropropane
Concen: 146.733 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 75 Resp: 179622

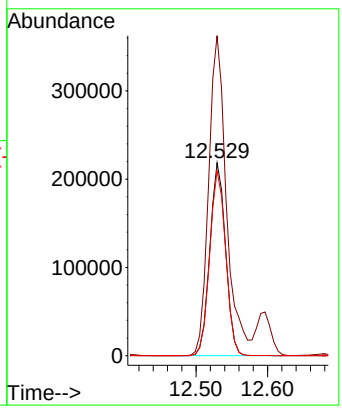
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



#77
Bromobenzene
Concen: 157.025 ug/l
RT: 12.529 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:156 Resp: 33377

Ion	Ratio	Lower	Upper
156	100		
77	186.1	94.0	282.1
158	97.0	48.7	146.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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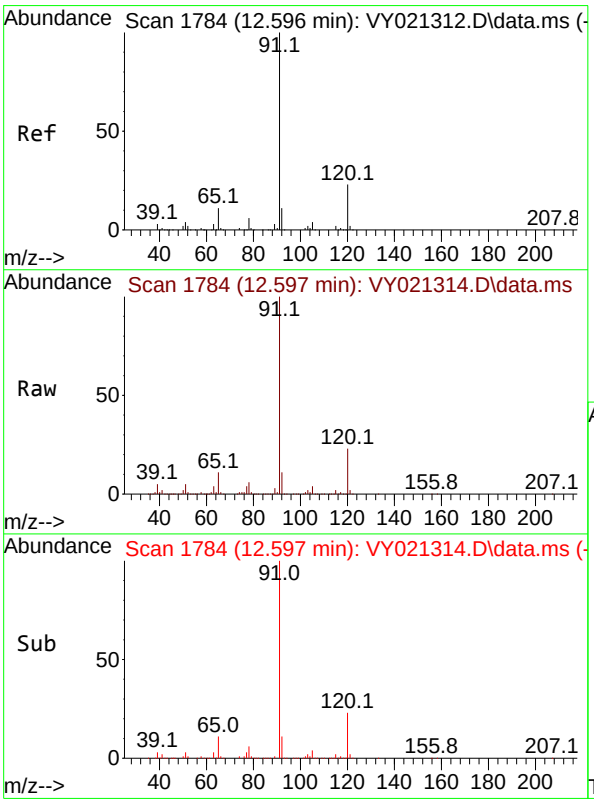
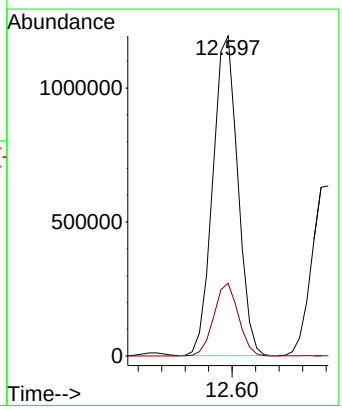
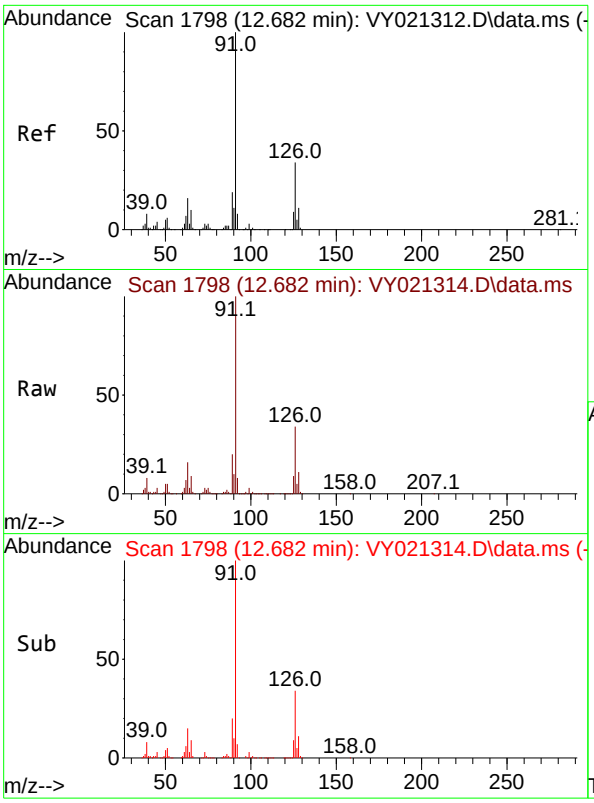


#78
n-propylbenzene
Concen: 159.217 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 91 Resp: 1765636

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.2	33.5

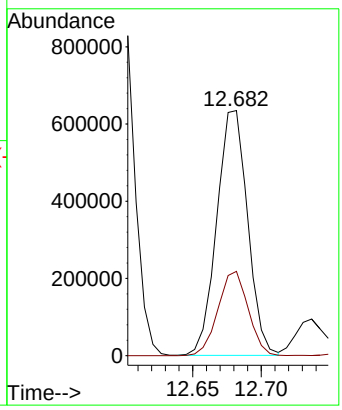




#79
2-Chlorotoluene
Concen: 156.411 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 91 Resp: 99545

Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.9	50.6



Instrument :
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ClientSampleId :
VSTDICC150

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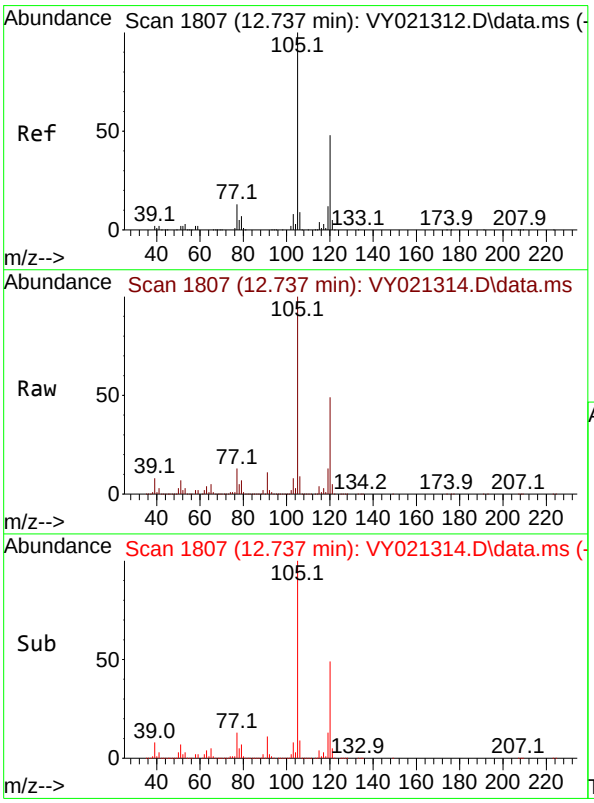
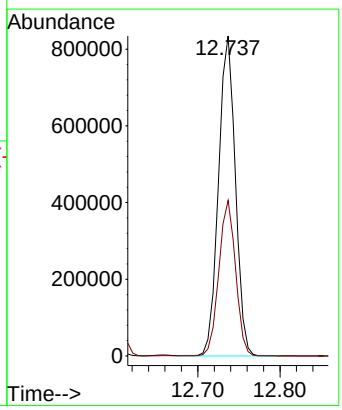
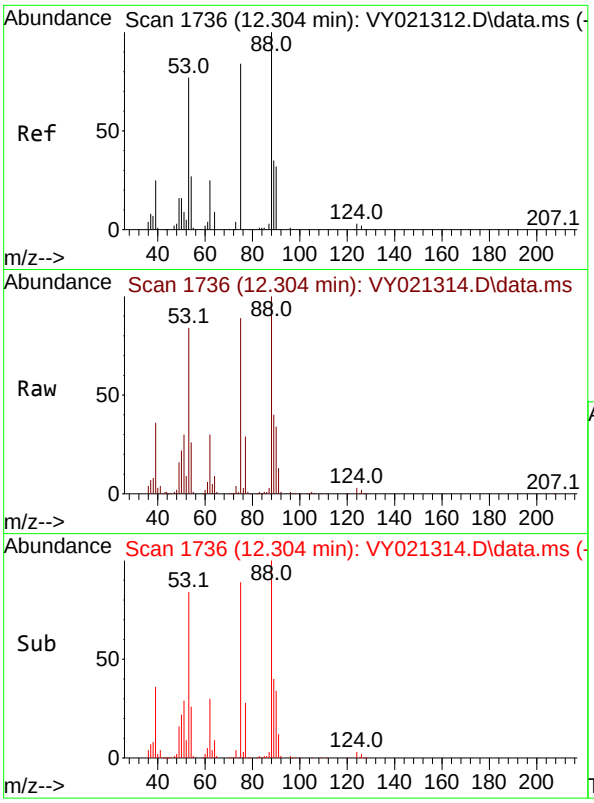


#80
1,3,5-Trimethylbenzene
Concen: 158.830 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:105 Resp: 1190462

Ion	Ratio	Lower	Upper
105	100		
120	48.2	24.3	73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 169.722 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 75 Resp: 9291

Ion	Ratio	Lower	Upper
75	100		
53	96.8	79.1	118.7
89	46.3	35.6	53.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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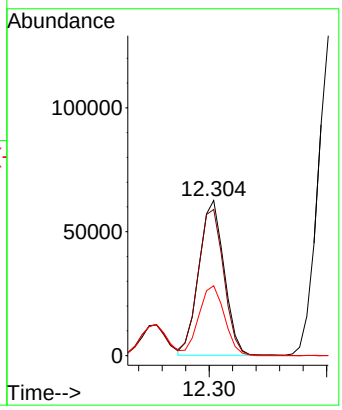
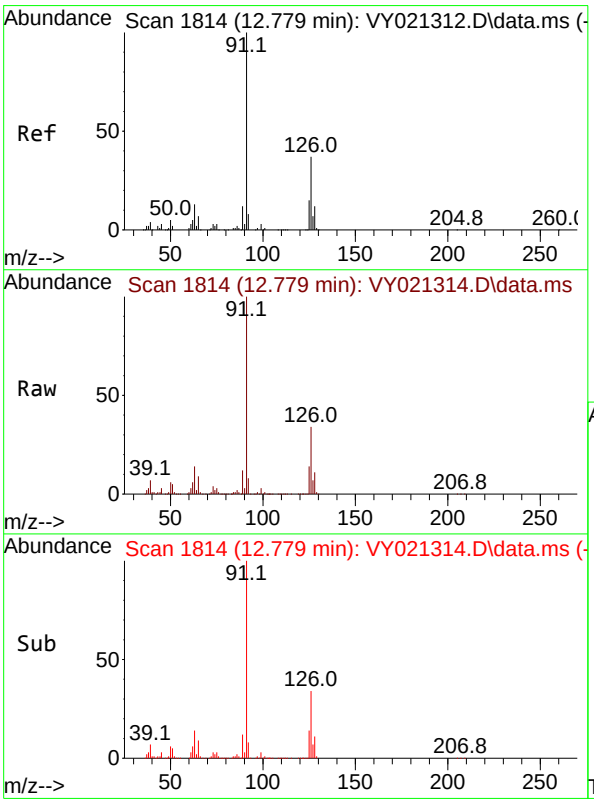
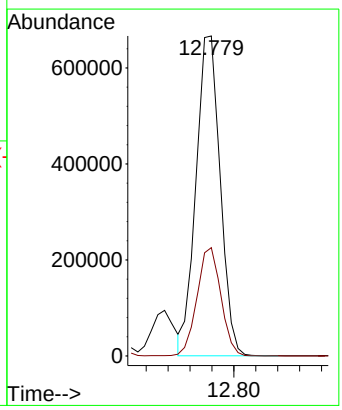


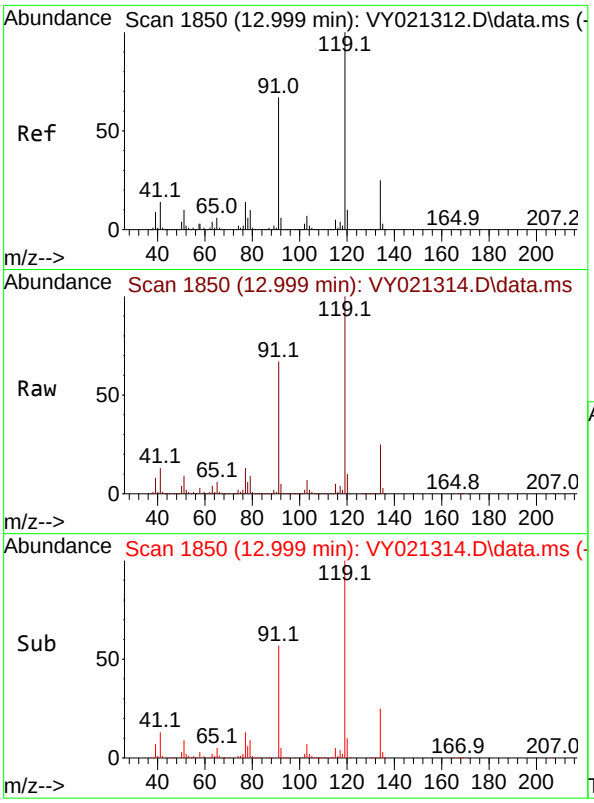


#82
4-Chlorotoluene
Concen: 154.883 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 91 Resp: 1021811

Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.8	50.4

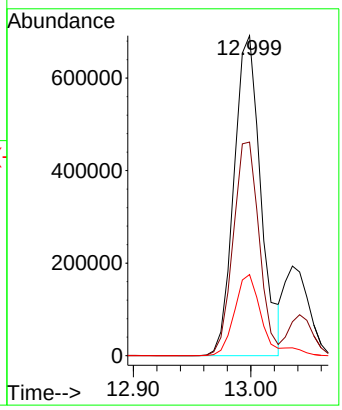




#83
tert-Butylbenzene
Concen: 161.602 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:119 Resp: 109412

Ion	Ratio	Lower	Upper
119	100		
91	65.0	32.7	98.1
134	26.2	13.3	39.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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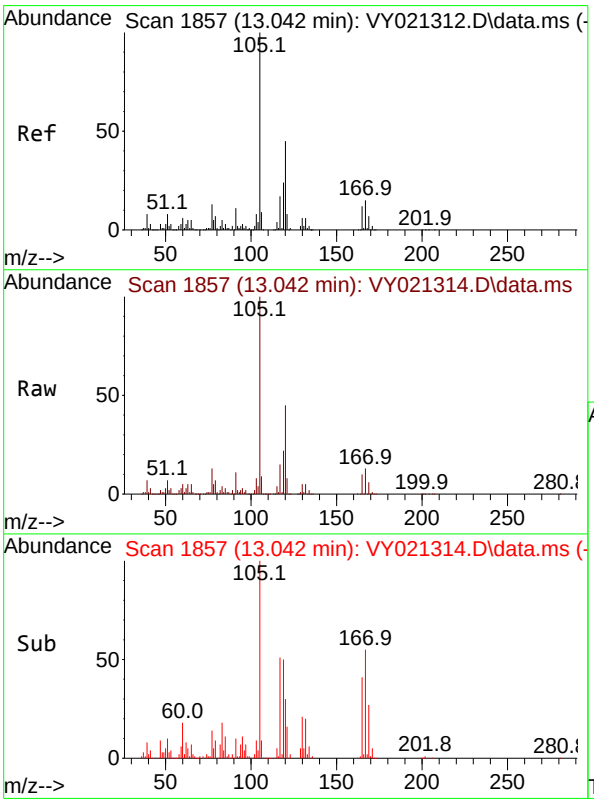
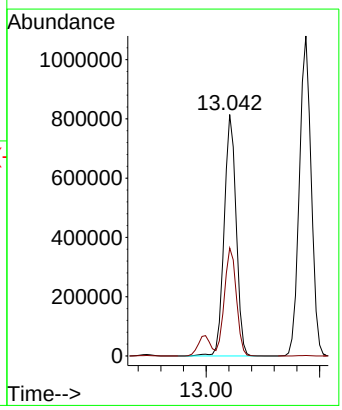
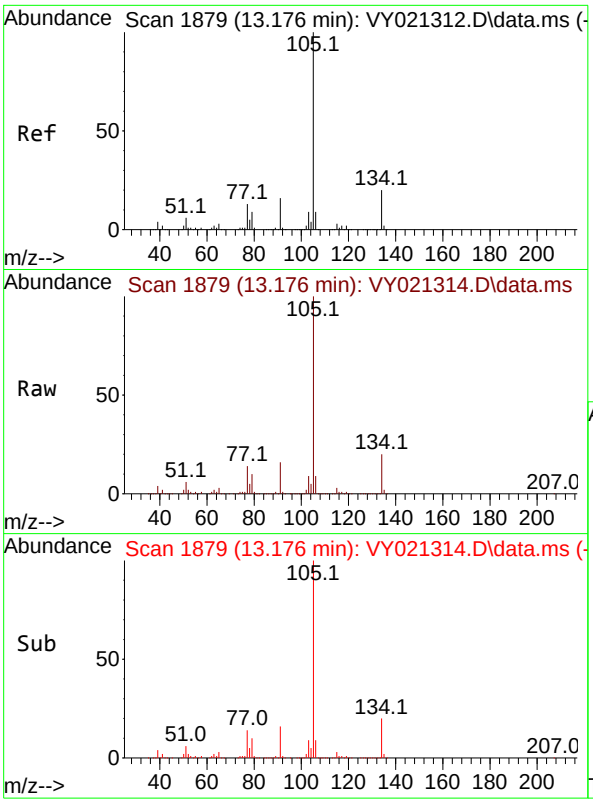


#84
1,2,4-Trimethylbenzene
Concen: 159.915 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:105 Resp: 1192062

Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.4	67.3

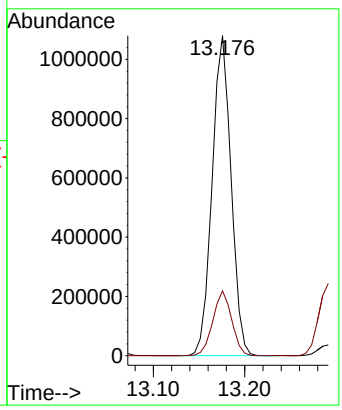




#85
sec-Butylbenzene
Concen: 157.594 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:105 Resp: 155854

Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.0	30.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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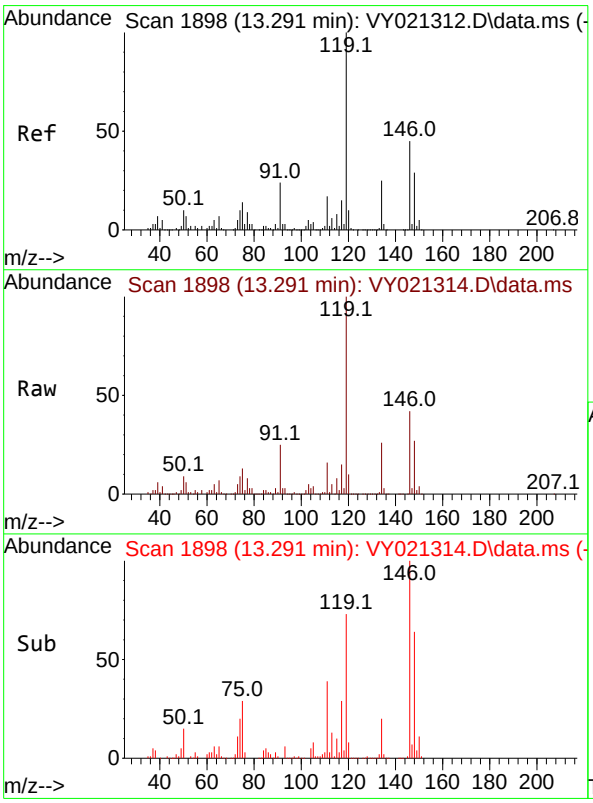
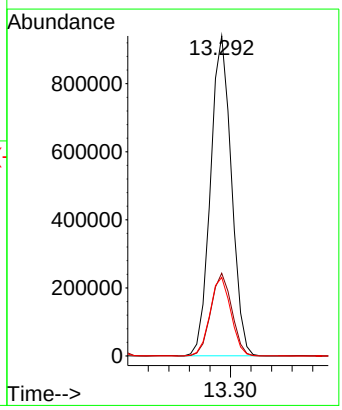
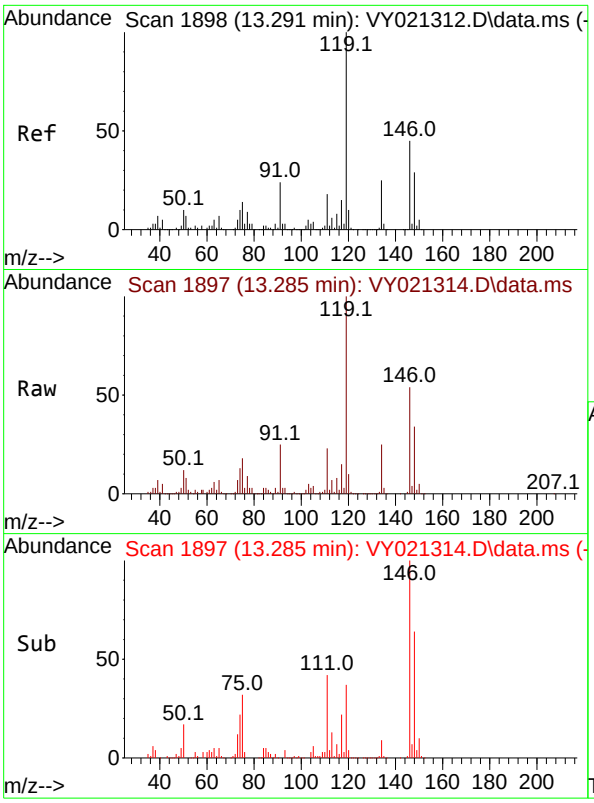


#86
p-Isopropyltoluene
Concen: 160.795 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:119 Resp: 1327819

Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.0	38.9
91	24.5	12.0	36.1

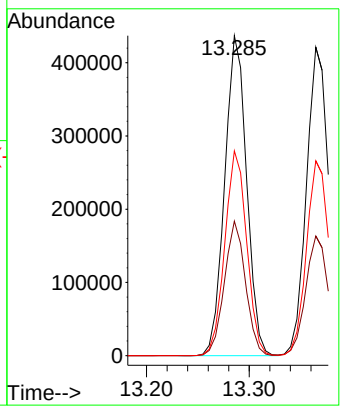




#87
1,3-Dichlorobenzene
Concen: 154.161 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:146 Resp: 64820

Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.0	59.9
148	63.9	31.9	95.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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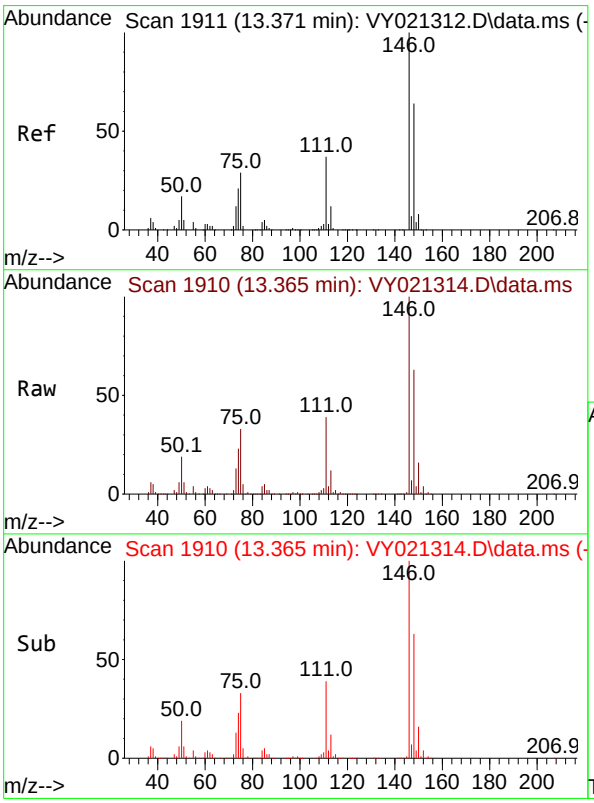
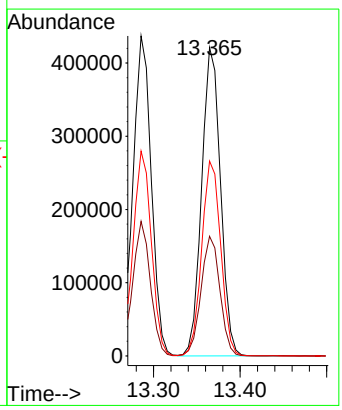
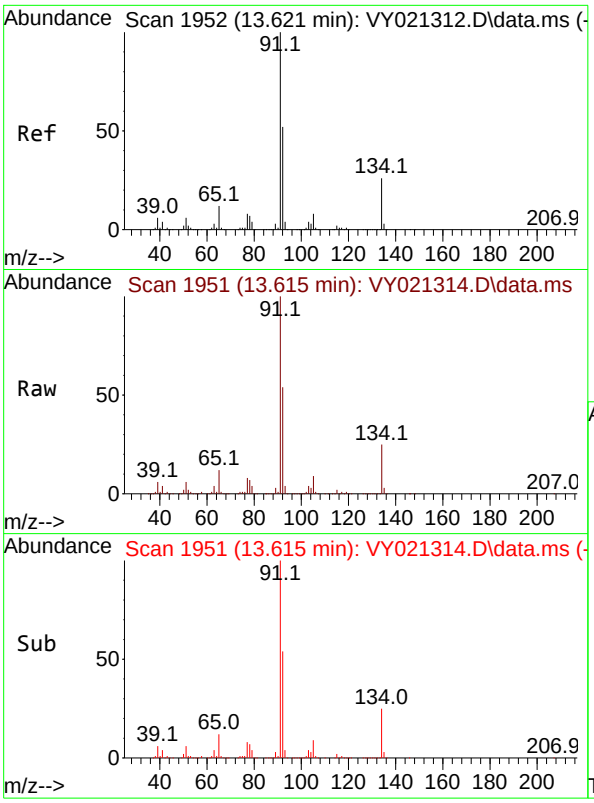


#88
1,4-Dichlorobenzene
Concen: 153.109 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:146 Resp: 635981

Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.5	58.5
148	63.7	32.0	96.2

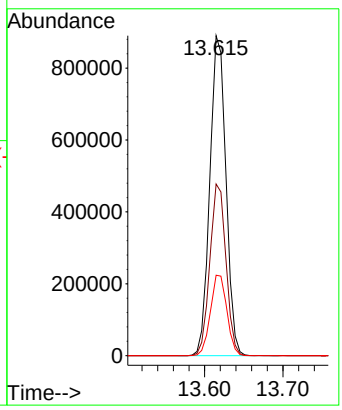




#89
n-Butylbenzene
Concen: 163.350 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 91 Resp: 126939

Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.4	79.2
134	25.7	12.7	38.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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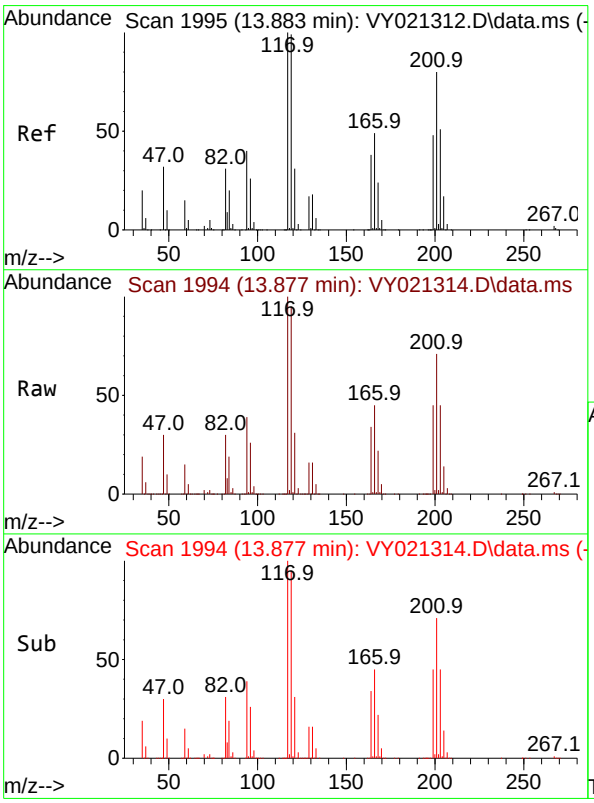
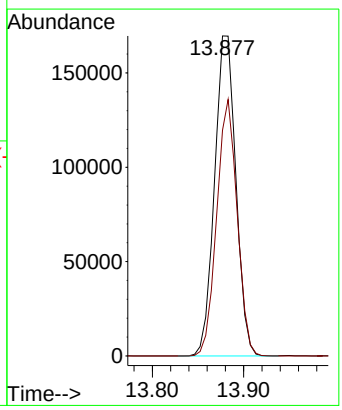
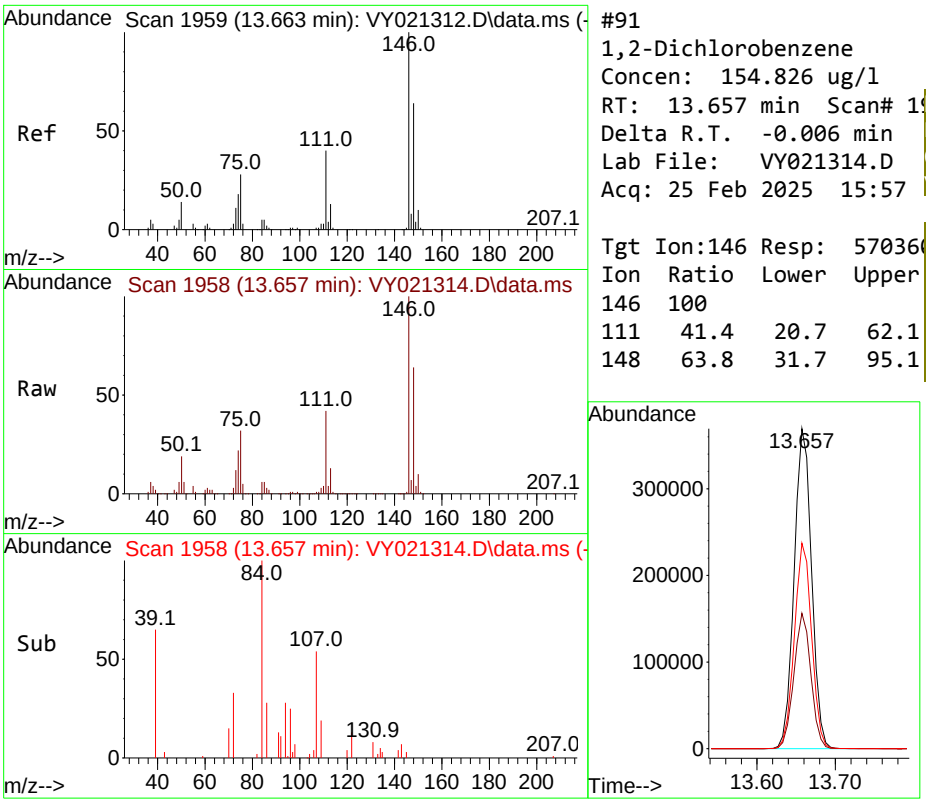


#90
Hexachloroethane
Concen: 159.641 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:117 Resp: 275368

Ion	Ratio	Lower	Upper
117	100		
201	76.8	38.4	115.2





#91
1,2-Dichlorobenzene
Concen: 154.826 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:146 Resp: 57036

Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.7	62.1
148	63.8	31.7	95.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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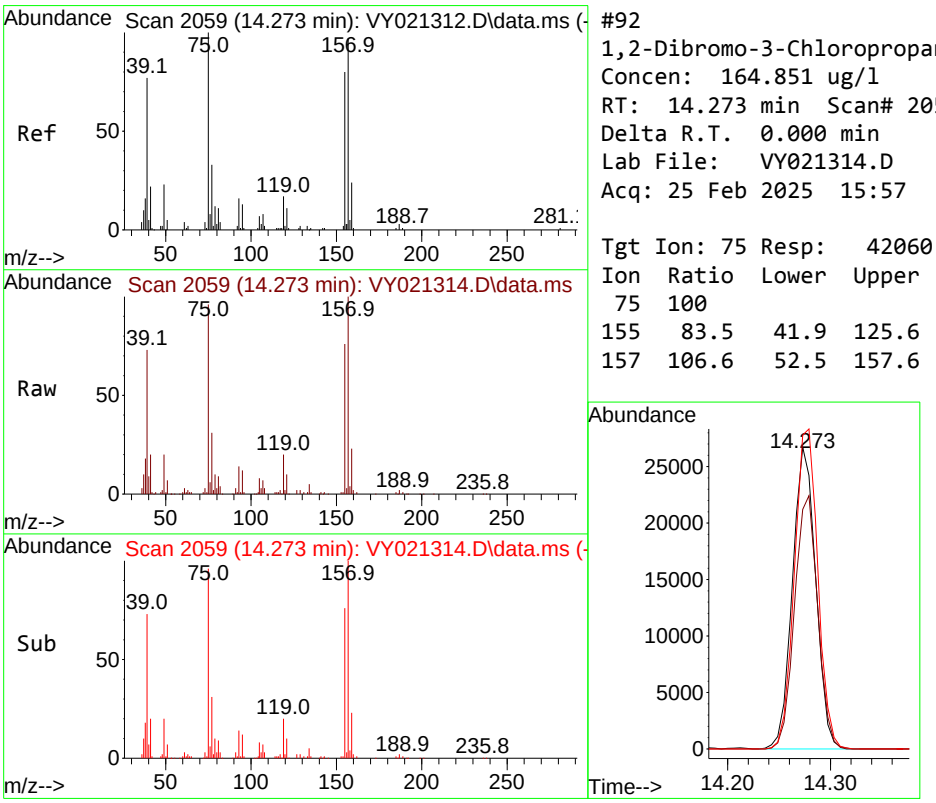
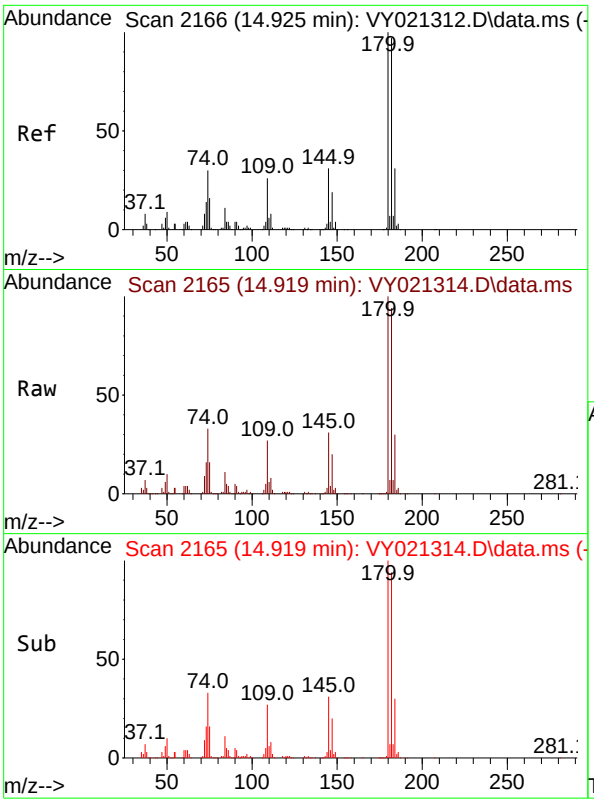


#92
1,2-Dibromo-3-Chloropropane
Concen: 164.851 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 75 Resp: 42060

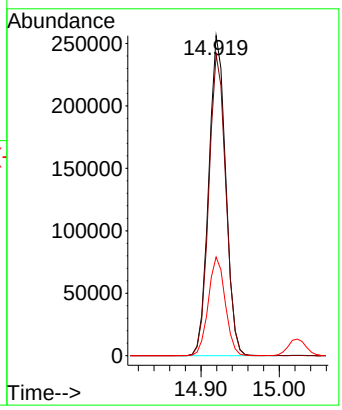
Ion	Ratio	Lower	Upper
75	100		
155	83.5	41.9	125.6
157	106.6	52.5	157.6



#93
1,2,4-Trichlorobenzene
Concen: 170.860 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:180 Resp: 38416

Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.9	143.7
145	30.7	15.6	46.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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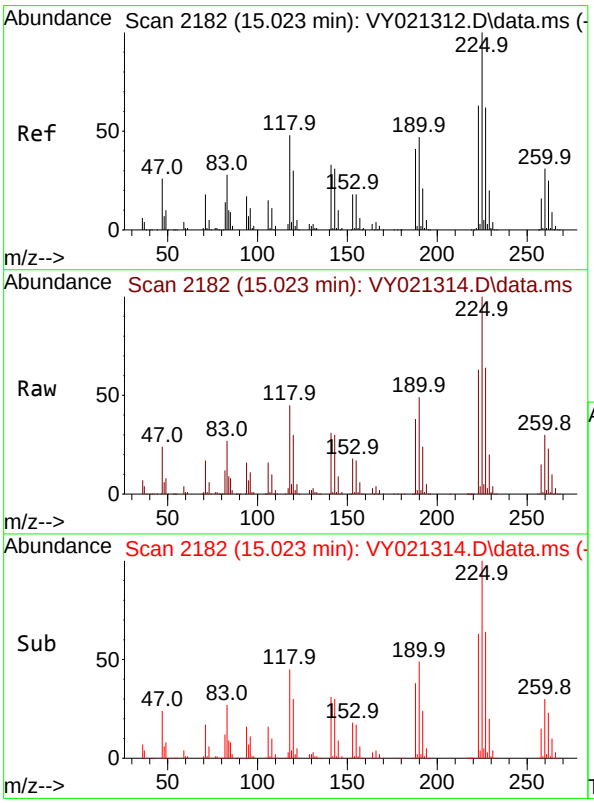
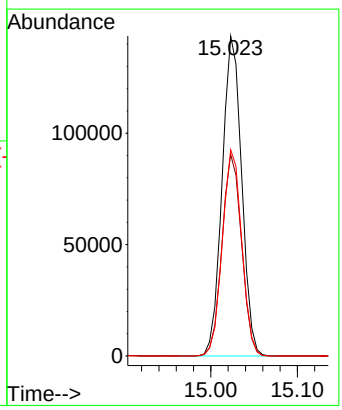
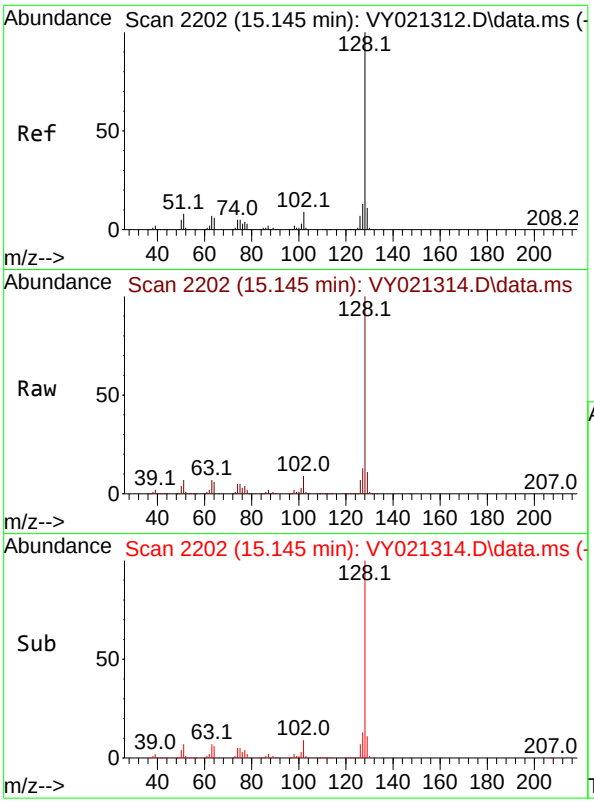


#94
Hexachlorobutadiene
Concen: 158.670 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:225 Resp: 224602

Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.8	95.4
227	64.2	31.9	95.7

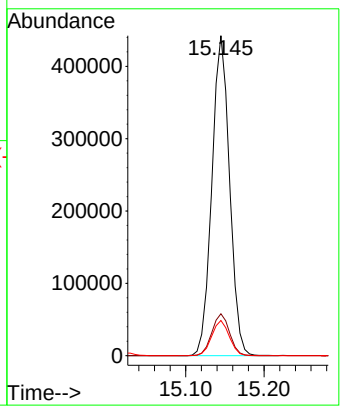




#95
Naphthalene
Concen: 186.517 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:128 Resp: 69462

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.9	8.5	12.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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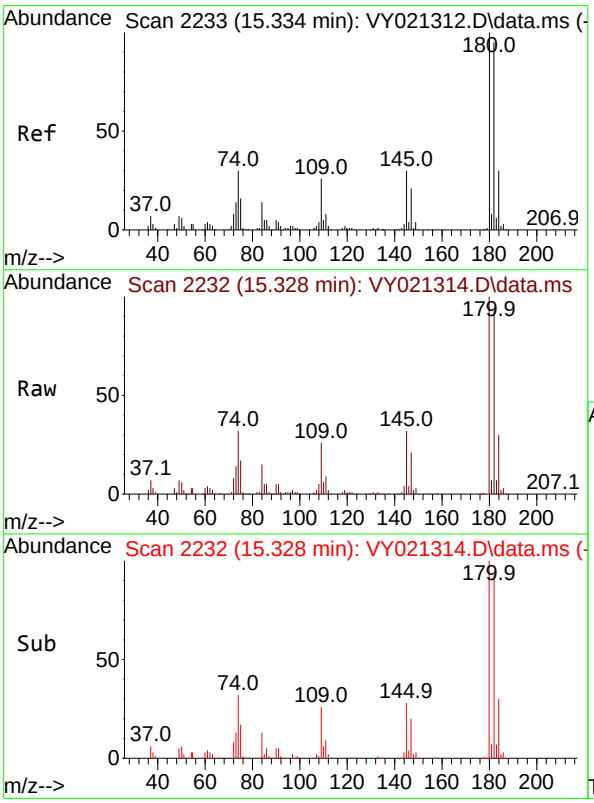
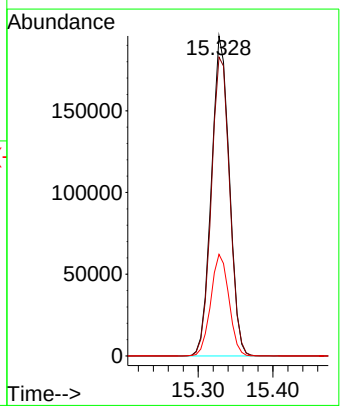


#96
1,2,3-Trichlorobenzene
Concen: 172.067 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:180 Resp: 326876

Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.3	144.9
145	32.1	16.1	48.3



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021316.D
Acq On : 25 Feb 2025 16:49
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

Quant Time: Feb 26 01:47:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	190677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	300486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	267150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	130541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	208535	96.407	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 192.820%#			
35) Dibromofluoromethane	7.634	113	193803	98.377	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 196.760%#			
50) Toluene-d8	10.103	98	752895	98.889	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 197.780%#			
62) 4-Bromofluorobenzene	12.408	95	252327	98.477	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 196.960%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	170537	94.332	ug/l	97
3) Chloromethane	2.068	50	217555	93.180	ug/l	99
4) Vinyl Chloride	2.202	62	221196	96.523	ug/l	97
5) Bromomethane	2.592	94	136840	89.858	ug/l	100
6) Chloroethane	2.732	64	135372	95.259	ug/l	99
7) Trichlorofluoromethane	3.056	101	331928	95.909	ug/l	95
8) Diethyl Ether	3.452	74	100381	96.637	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.811	101	193544	96.593	ug/l	99
10) Methyl Iodide	4.000	142	228728	108.503	ug/l	100
11) Tert butyl alcohol	4.854	59	65742	395.134	ug/l	99
12) 1,1-Dichloroethene	3.787	96	186684	97.304	ug/l	99
13) Acrolein	3.653	56	11267	88.370	ug/l	99
14) Allyl chloride	4.378	41	339203	99.720	ug/l	99
15) Acrylonitrile	5.055	53	219275	477.449	ug/l	99
16) Acetone	3.866	43	196435	473.421	ug/l	99
17) Carbon Disulfide	4.104	76	617661	96.953	ug/l	100
18) Methyl Acetate	4.385	43	95405	94.085	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	498467	98.337	ug/l	99
20) Methylene Chloride	4.616	84	201698	89.894	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	208498	98.718	ug/l	96
22) Diisopropyl ether	6.018	45	697290	99.061	ug/l	97
23) Vinyl Acetate	5.957	43	2103219	500.017	ug/l	99
24) 1,1-Dichloroethane	5.909	63	384030	96.798	ug/l	99
25) 2-Butanone	6.890	43	303077	483.977	ug/l	97
26) 2,2-Dichloropropane	6.884	77	350870	97.467	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	238916	99.061	ug/l	99
28) Bromochloromethane	7.244	49	167271	95.287	ug/l	99
29) Tetrahydrofuran	7.256	42	199056	486.299	ug/l	98
30) Chloroform	7.421	83	387767	96.458	ug/l	99
31) Cyclohexane	7.701	56	351876	92.269	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	353701	96.663	ug/l	98
36) 1,1-Dichloropropene	7.835	75	287472	97.146	ug/l	100
37) Ethyl Acetate	6.982	43	137233	93.230	ug/l	99
38) Carbon Tetrachloride	7.817	117	321576	96.663	ug/l	99
39) Methylcyclohexane	9.109	83	371172	99.169	ug/l	99
40) Benzene	8.079	78	847066	96.835	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021316.D
Acq On : 25 Feb 2025 16:49
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 26 01:47:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.213	41	77542	94.219	ug/l		99
42) 1,2-Dichloroethane	8.152	62	236704	95.375	ug/l		100
43) Isopropyl Acetate	8.195	43	280321	98.388	ug/l		99
44) Trichloroethene	8.865	130	212562	97.057	ug/l		99
45) 1,2-Dichloropropane	9.140	63	201701	95.814	ug/l		98
46) Dibromomethane	9.231	93	110814	96.301	ug/l		99
47) Bromodichloromethane	9.420	83	297320	96.904	ug/l		99
48) Methyl methacrylate	9.219	41	135412	101.635	ug/l		99
49) 1,4-Dioxane	9.225	88	24355	1903.504	ug/l		94
51) 4-Methyl-2-Pentanone	9.999	43	716009	490.938	ug/l		100
52) Toluene	10.170	92	539016	99.189	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	284731	101.290	ug/l		99
54) cis-1,3-Dichloropropene	9.853	75	328107	98.870	ug/l		99
55) 1,1,2-Trichloroethane	10.572	97	142372	94.975	ug/l		98
56) Ethyl methacrylate	10.438	69	216586	104.564	ug/l		98
57) 1,3-Dichloropropane	10.719	76	255903	97.283	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	530695	533.791	ug/l		100
59) 2-Hexanone	10.761	43	485734	507.115	ug/l		99
60) Dibromochloromethane	10.908	129	199225	97.582	ug/l		99
61) 1,2-Dibromoethane	11.011	107	136284	96.029	ug/l		98
64) Tetrachloroethene	10.646	164	189679	93.936	ug/l		99
65) Chlorobenzene	11.438	112	576109	96.070	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.517	131	203696	97.007	ug/l		99
67) Ethyl Benzene	11.517	91	1057129	99.522	ug/l		100
68) m/p-Xylenes	11.627	106	783034	195.986	ug/l		100
69) o-Xylene	11.956	106	370964	99.112	ug/l		100
70) Styrene	11.969	104	619437	99.469	ug/l		99
71) Bromoform	12.133	173	114495	95.313	ug/l	#	99
73) Isopropylbenzene	12.255	105	987758	100.648	ug/l		99
74) N-amyl acetate	12.072	43	258576	103.658	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	162941	94.075	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	123844m	94.206	ug/l		
77) Bromobenzene	12.529	156	223081	97.728	ug/l		98
78) n-propylbenzene	12.596	91	1186751	99.651	ug/l		100
79) 2-Chlorotoluene	12.682	91	666071	97.455	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	794247	98.676	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	58806	100.031	ug/l		99
82) 4-Chlorotoluene	12.779	91	687385	97.022	ug/l		100
83) tert-Butylbenzene	12.999	119	720480	99.092	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	795840	99.415	ug/l		100
85) sec-Butylbenzene	13.176	105	1041022	98.021	ug/l		100
86) p-Isopropyltoluene	13.291	119	881757	99.431	ug/l		100
87) 1,3-Dichlorobenzene	13.291	146	435489	96.445	ug/l		100
88) 1,4-Dichlorobenzene	13.371	146	425301	95.343	ug/l		99
89) n-Butylbenzene	13.621	91	840236	100.683	ug/l		100
90) Hexachloroethane	13.883	117	181015	97.720	ug/l		100
91) 1,2-Dichlorobenzene	13.657	146	377453	95.410	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	26541	96.867	ug/l		99
93) 1,2,4-Trichlorobenzene	14.925	180	248146	102.770	ug/l		100
94) Hexachlorobutadiene	15.023	225	147103	96.770	ug/l		99
95) Naphthalene	15.145	128	436817	109.220	ug/l		100
96) 1,2,3-Trichlorobenzene	15.334	180	211313	103.581	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021316.D
Acq On : 25 Feb 2025 16:49
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

Quant Time: Feb 26 01:47:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

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

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

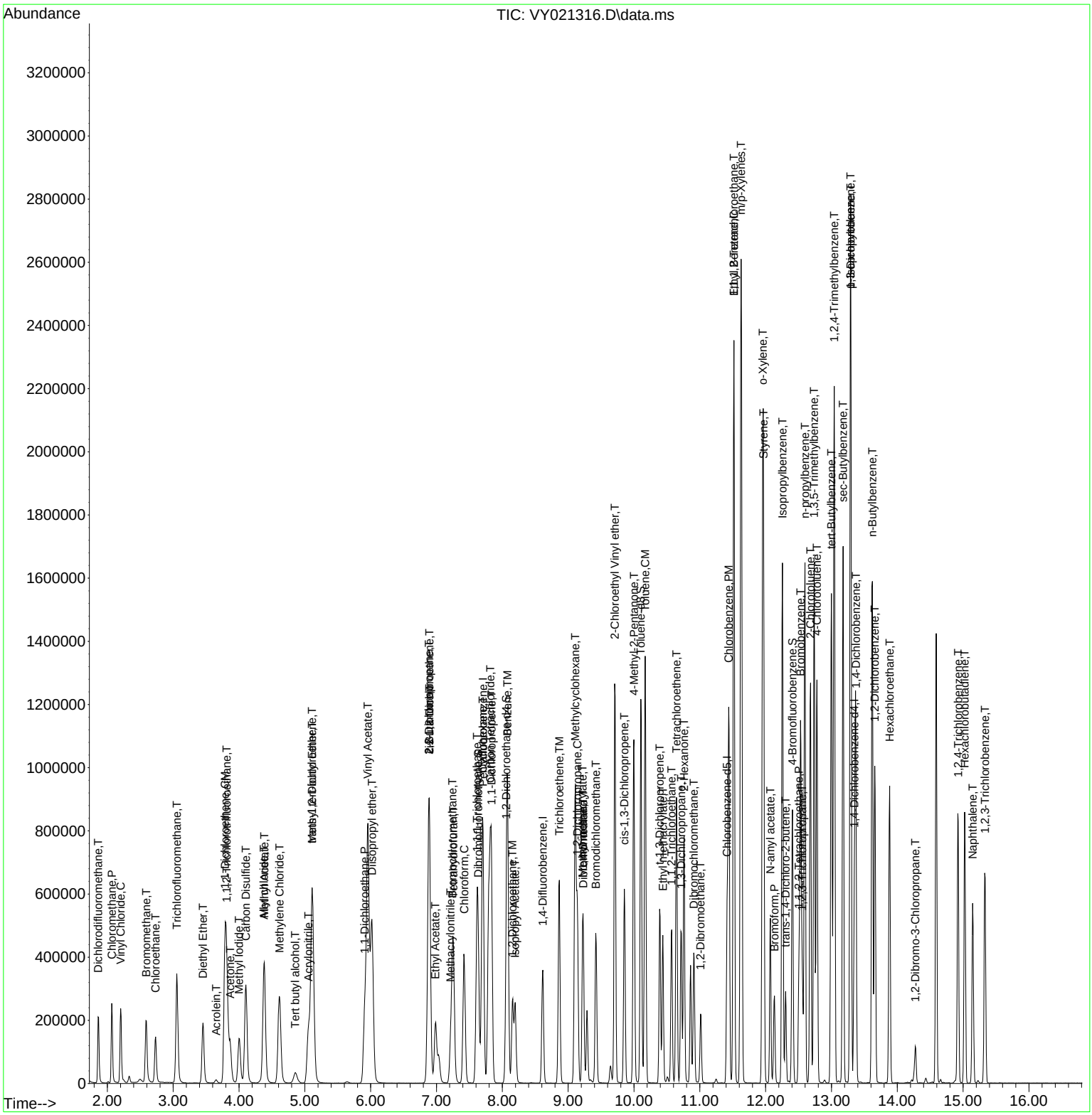
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021316.D
Acq On : 25 Feb 2025 16:49
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

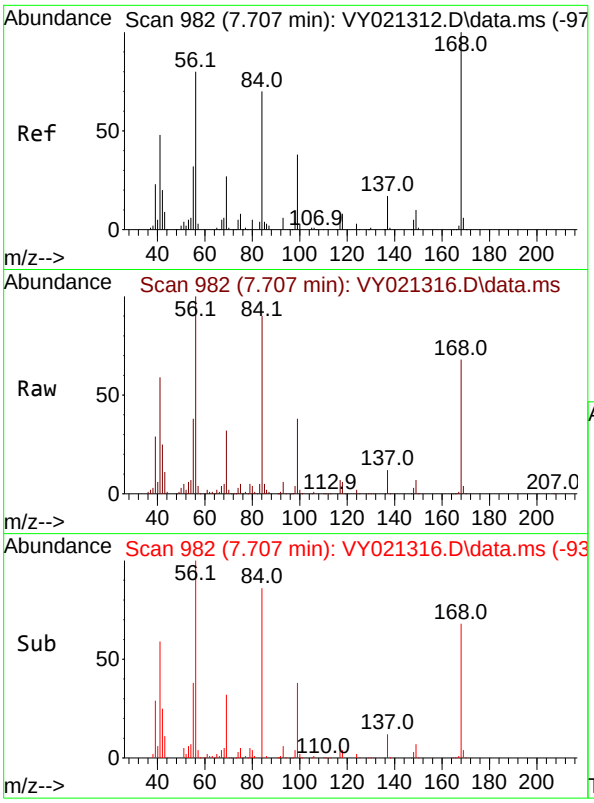
Quant Time: Feb 26 01:47:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

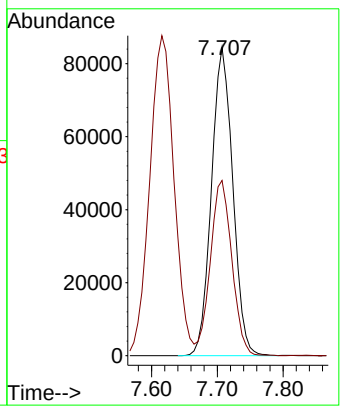




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:168 Resp: 19067

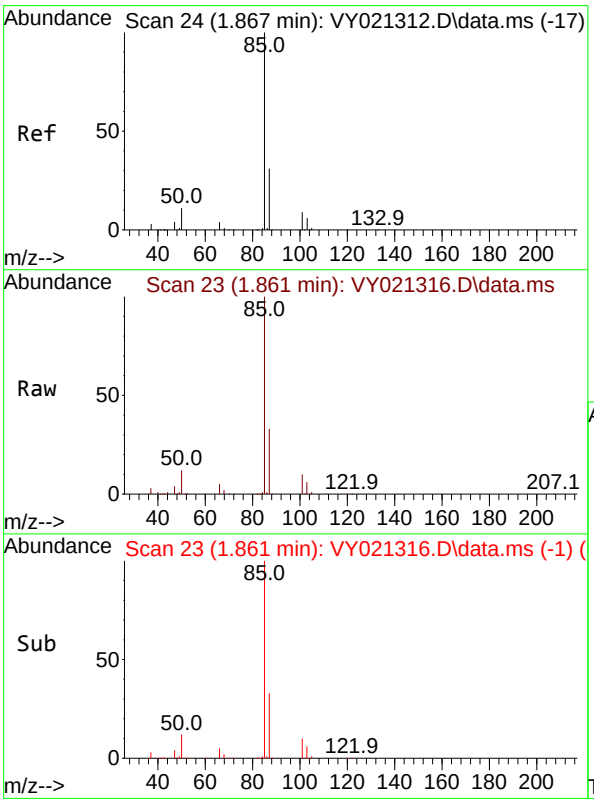
Ion	Ratio	Lower	Upper
168	100		
99	56.8	47.1	70.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

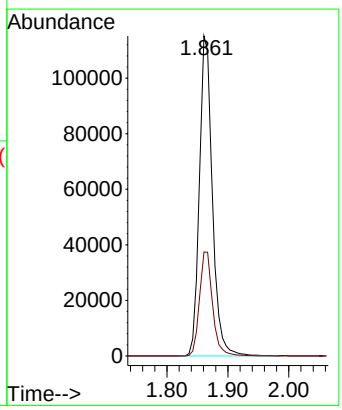
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

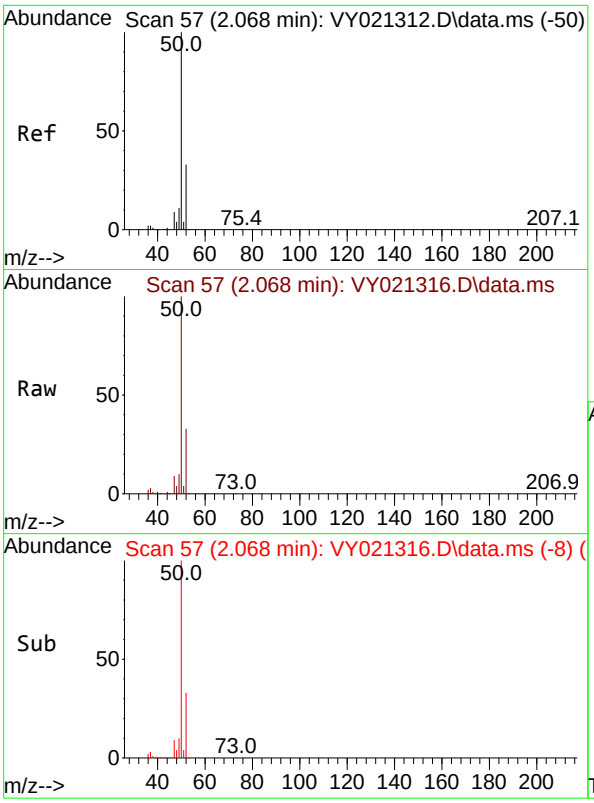


#2
Dichlorodifluoromethane
Concen: 94.332 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 85 Resp: 170537

Ion	Ratio	Lower	Upper
85	100		
87	32.5	15.4	46.4

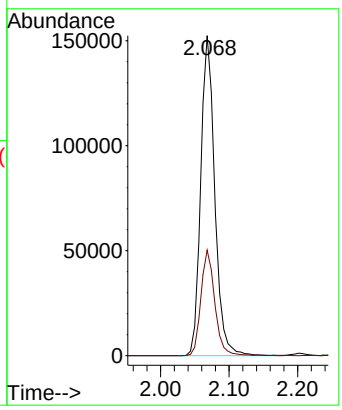




#3
Chloromethane
Concen: 93.180 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 50 Resp: 21755

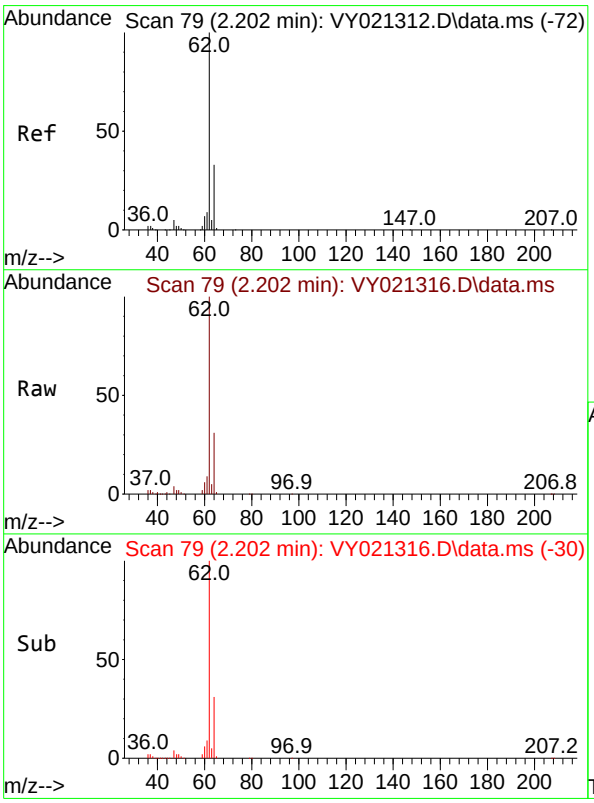
Ion	Ratio	Lower	Upper
50	100		
52	33.0	26.6	40.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

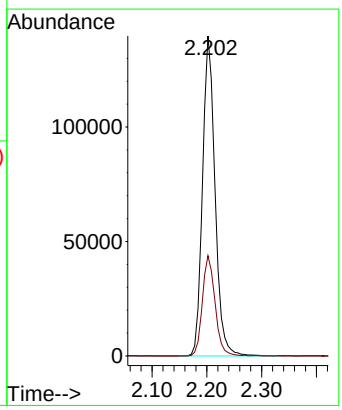
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

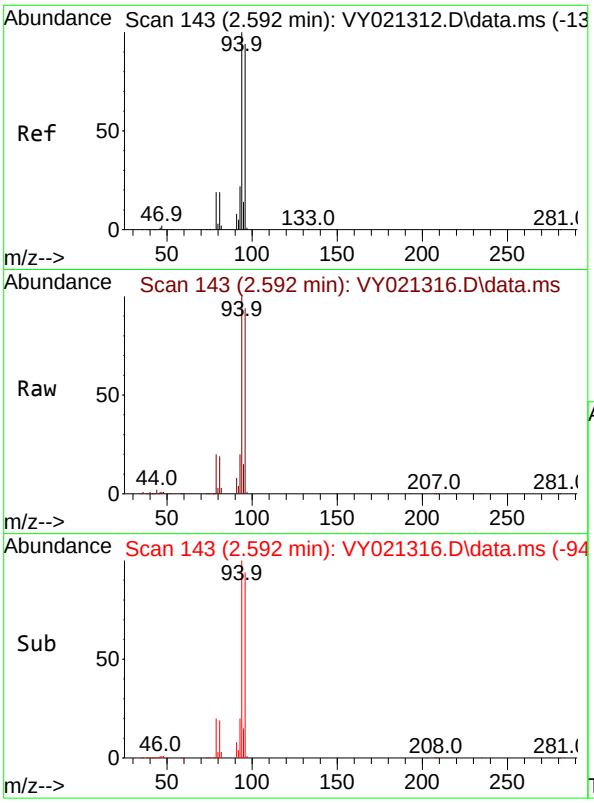


#4
Vinyl Chloride
Concen: 96.523 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 62 Resp: 221196

Ion	Ratio	Lower	Upper
62	100		
64	31.4	26.3	39.5

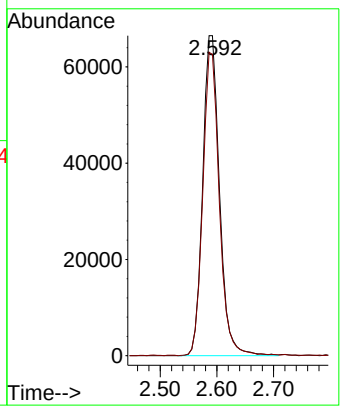




#5
Bromomethane
Concen: 89.858 ug/l
RT: 2.592 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 94 Resp: 13684(

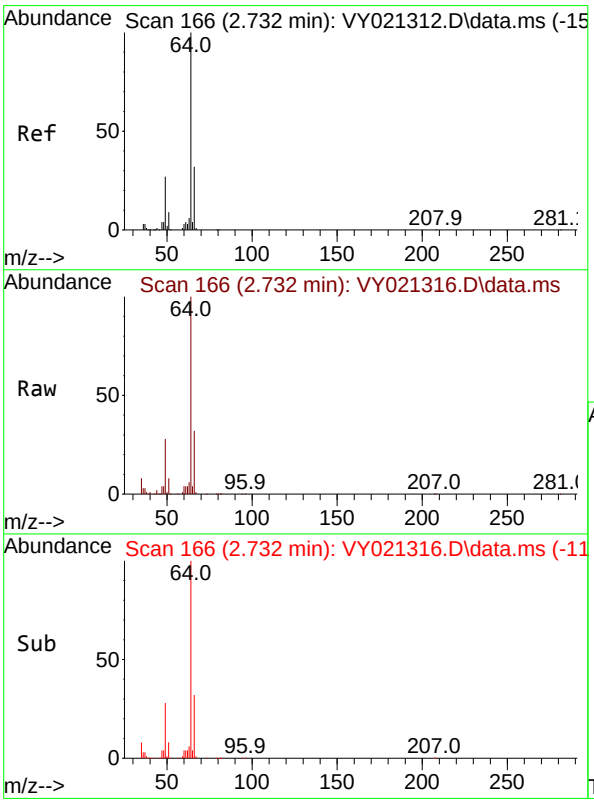
Ion	Ratio	Lower	Upper
94	100		
96	94.2	75.2	112.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

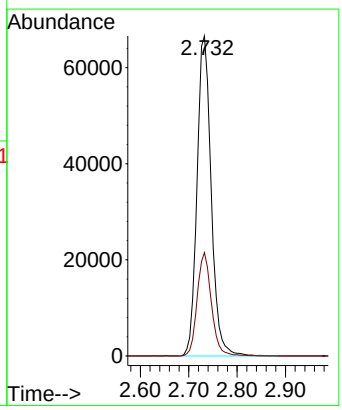
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

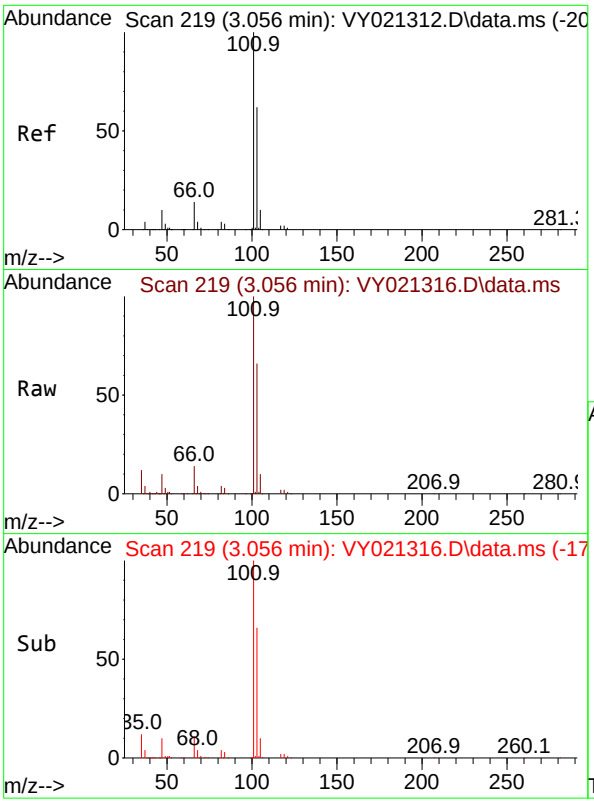


#6
Chloroethane
Concen: 95.259 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 64 Resp: 135372

Ion	Ratio	Lower	Upper
64	100		
66	32.3	25.4	38.0

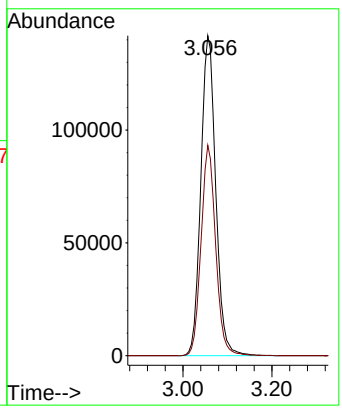




#7
Trichlorofluoromethane
Concen: 95.909 ug/l
RT: 3.056 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:101 Resp: 33192

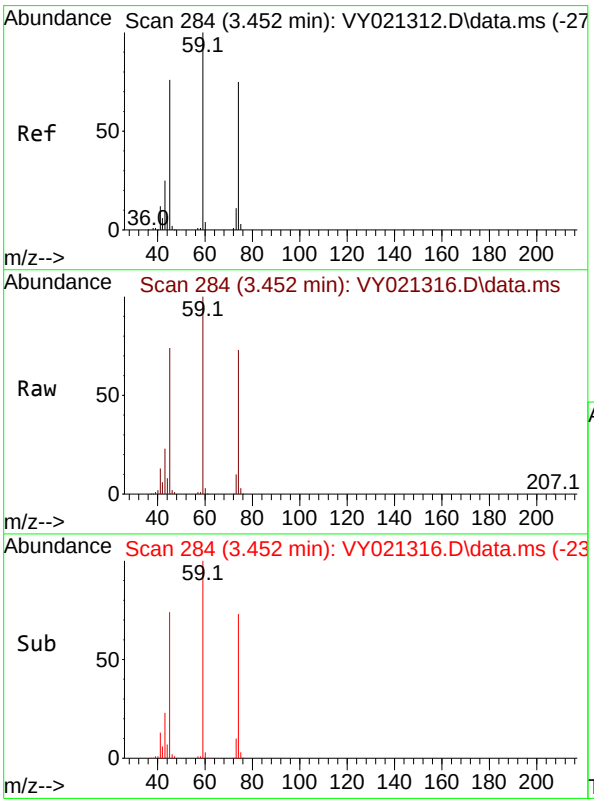
Ion	Ratio	Lower	Upper
101	100		
103	65.7	49.7	74.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

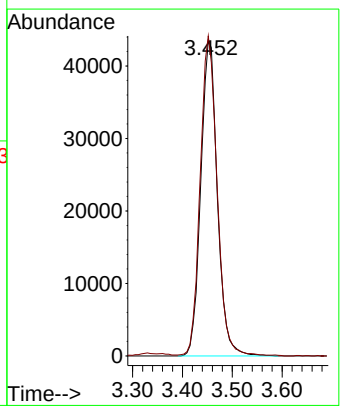
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

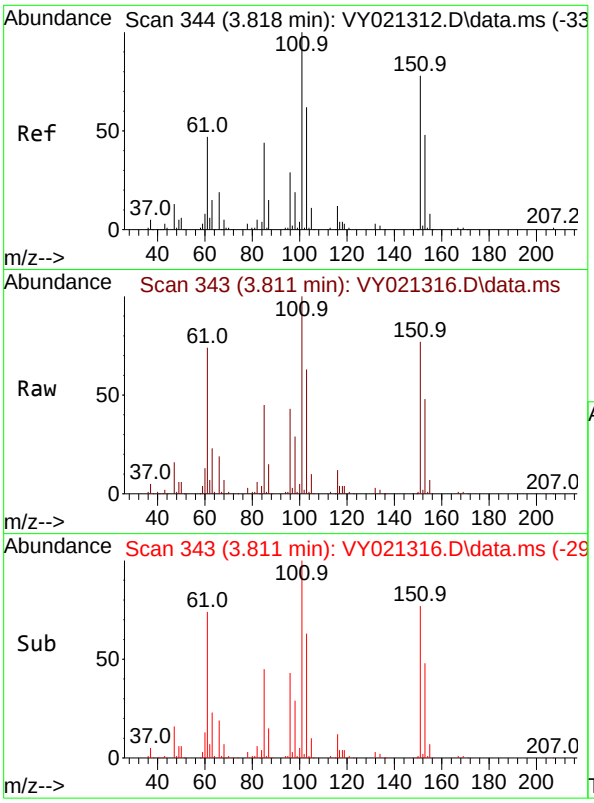


#8
Diethyl Ether
Concen: 96.637 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 74 Resp: 100381

Ion	Ratio	Lower	Upper
74	100		
45	104.0	50.3	150.9

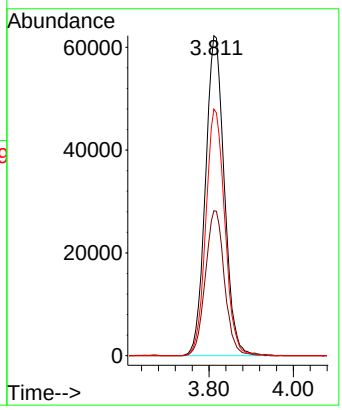




#9
1,1,2-Trichlorotrifluoroethane
Concen: 96.593 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:101 Resp: 19354

Ion	Ratio	Lower	Upper
101	100		
85	45.8	36.7	55.1
151	77.3	62.6	94.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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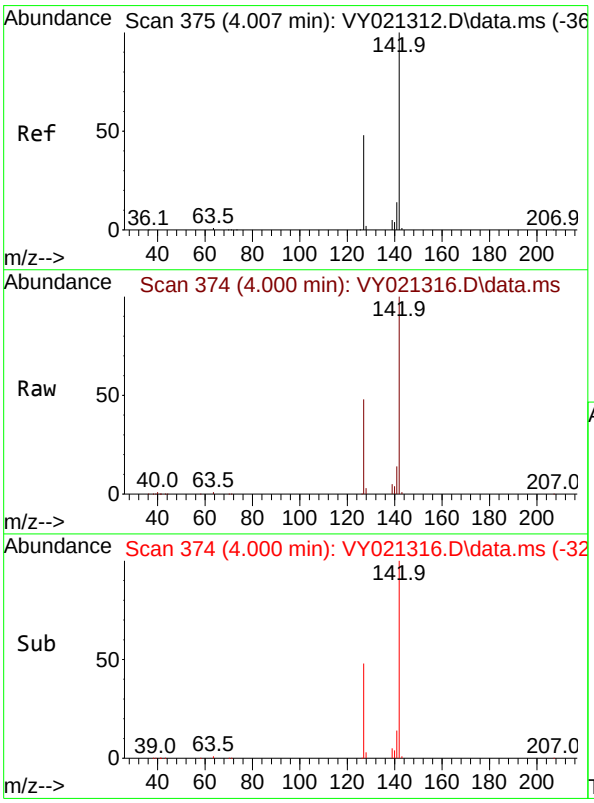
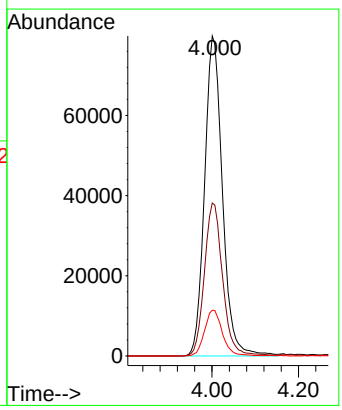
Supervised By :Mahesh Dadoda 02/26/2025

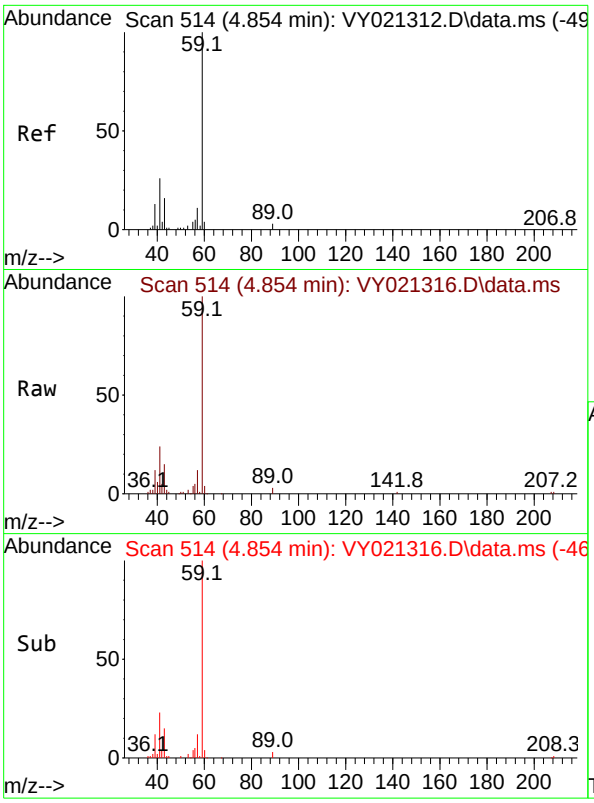


#10
Methyl Iodide
Concen: 108.503 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:142 Resp: 228728

Ion	Ratio	Lower	Upper
142	100		
127	48.8	39.2	58.8
141	14.3	11.4	17.2

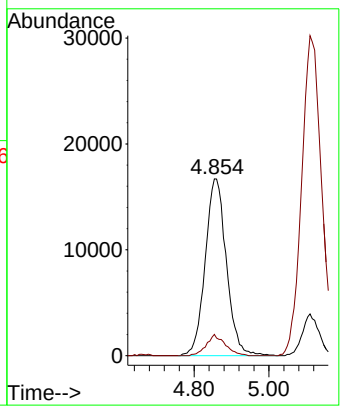




#11
Tert butyl alcohol
Concen: 395.134 ug/l
RT: 4.854 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 59 Resp: 6574

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.3	12.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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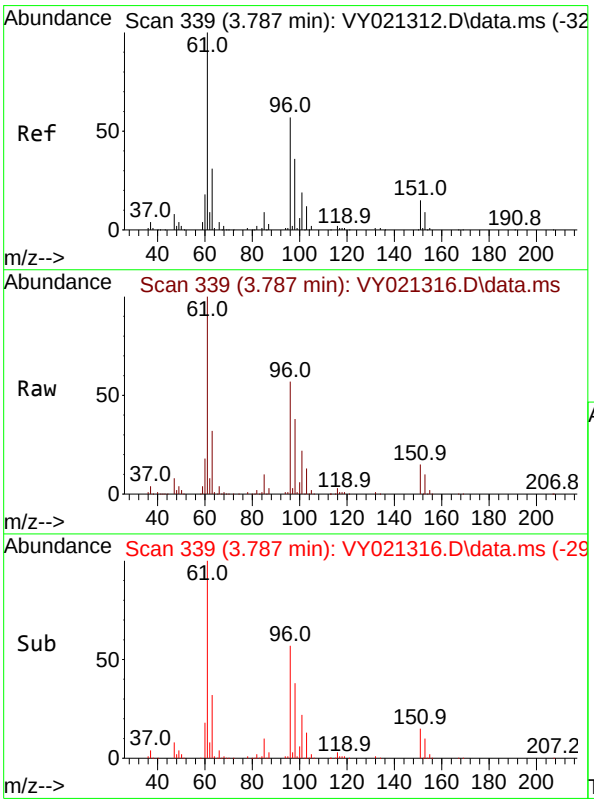
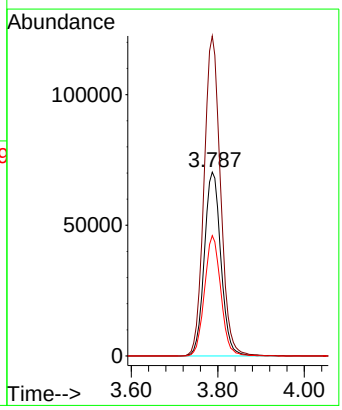
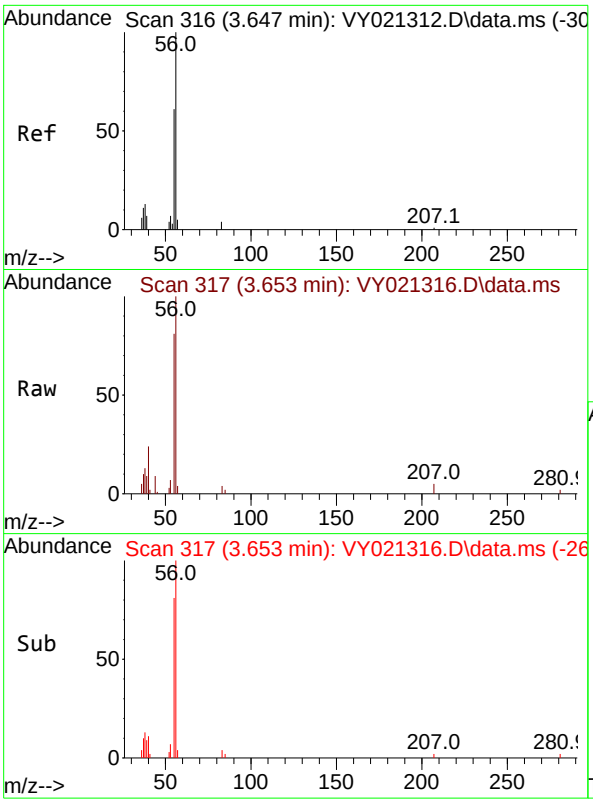


#12
1,1-Dichloroethene
Concen: 97.304 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 96 Resp: 186684

Ion	Ratio	Lower	Upper
96	100		
61	174.1	139.7	209.5
98	65.5	49.7	74.5

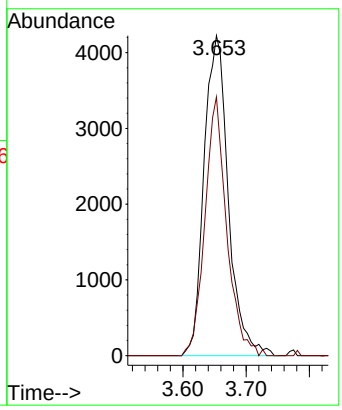




#13
Acrolein
Concen: 88.370 ug/l
RT: 3.653 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 56 Resp: 1126

Ion	Ratio	Lower	Upper
56	100		
55	72.5	59.0	88.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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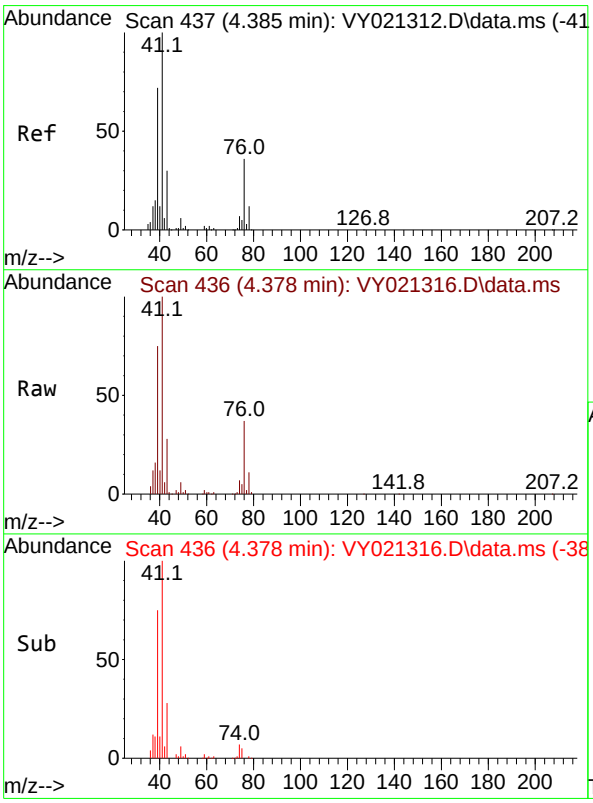
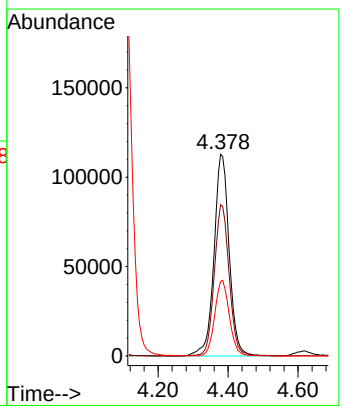
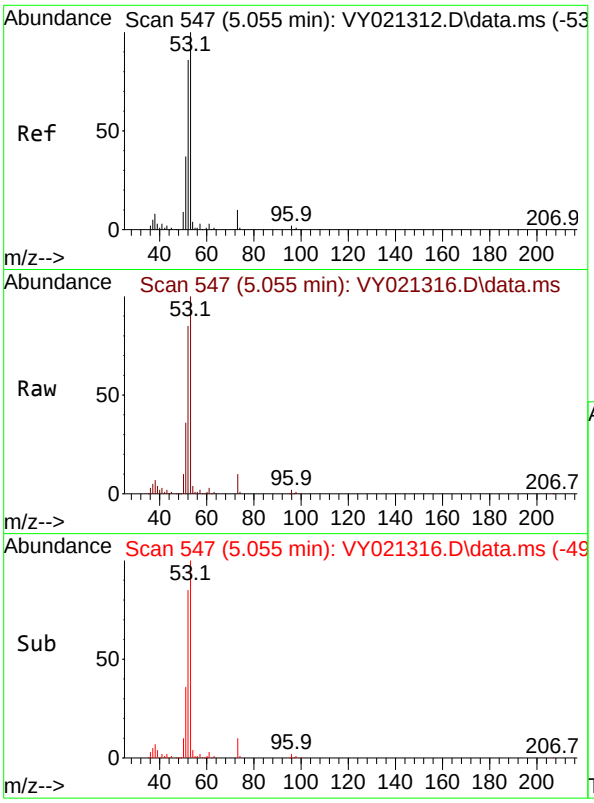


#14
Allyl chloride
Concen: 99.720 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 41 Resp: 339203

Ion	Ratio	Lower	Upper
41	100		
39	73.6	60.0	90.0
76	36.1	29.0	43.6





#15
Acrylonitrile
Concen: 477.449 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 53 Resp: 21927

Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.5	98.3
51	37.9	30.6	46.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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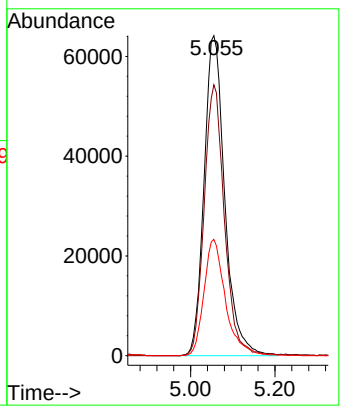
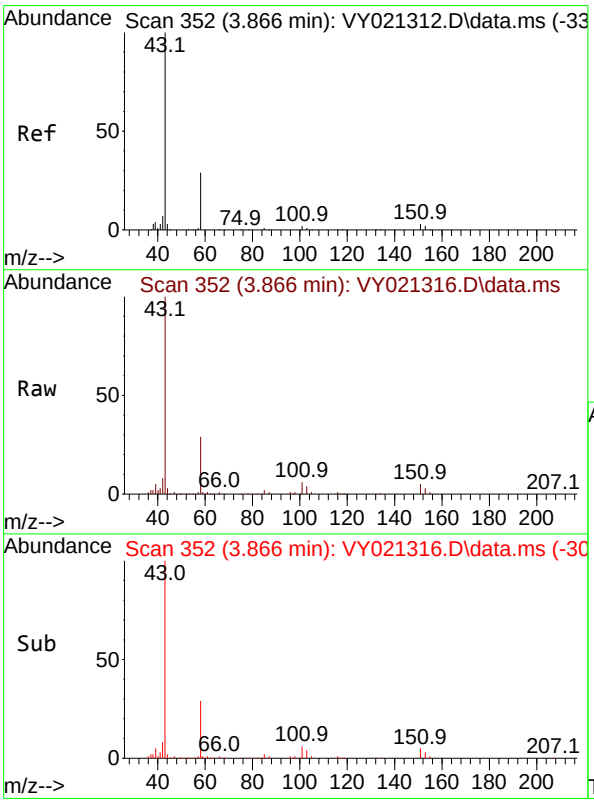
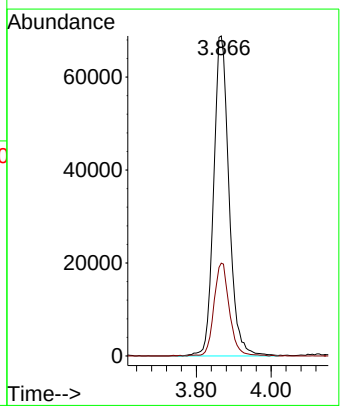


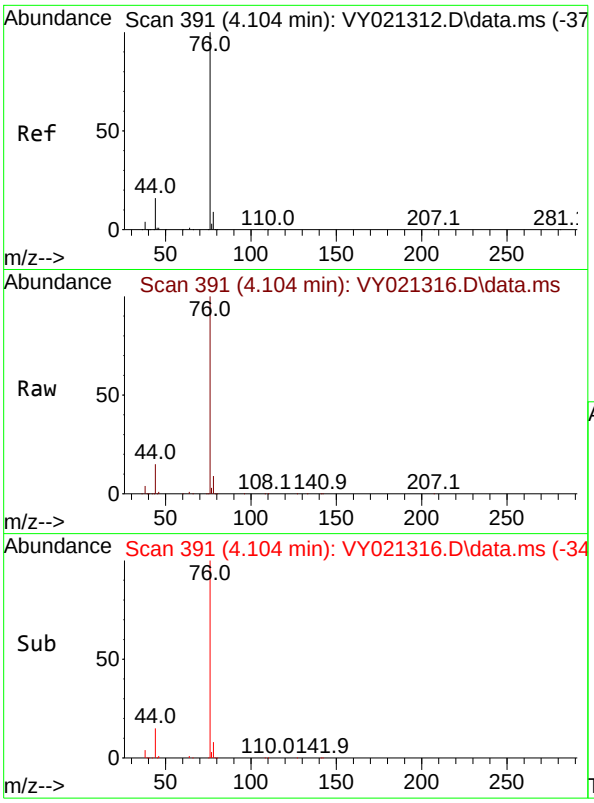


#16
Acetone
Concen: 473.421 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 43 Resp: 196435

Ion	Ratio	Lower	Upper
43	100		
58	29.0	23.5	35.3

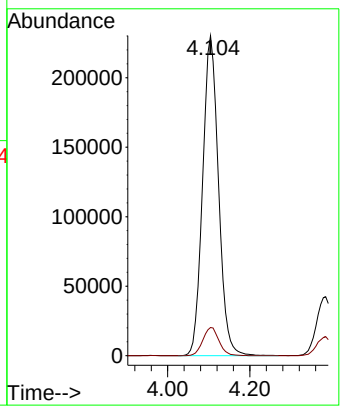




#17
Carbon Disulfide
Concen: 96.953 ug/l
RT: 4.104 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 76 Resp: 61766

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.1	10.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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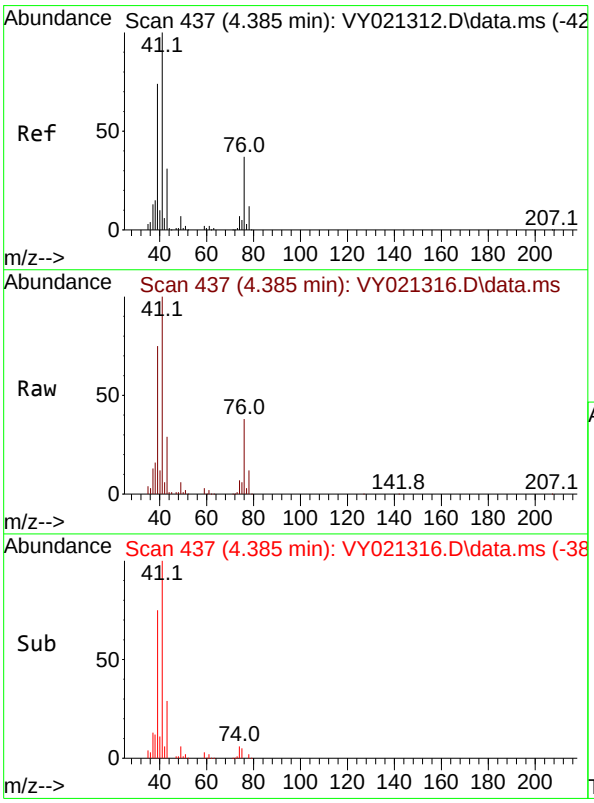
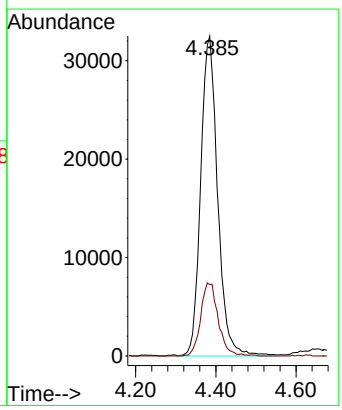
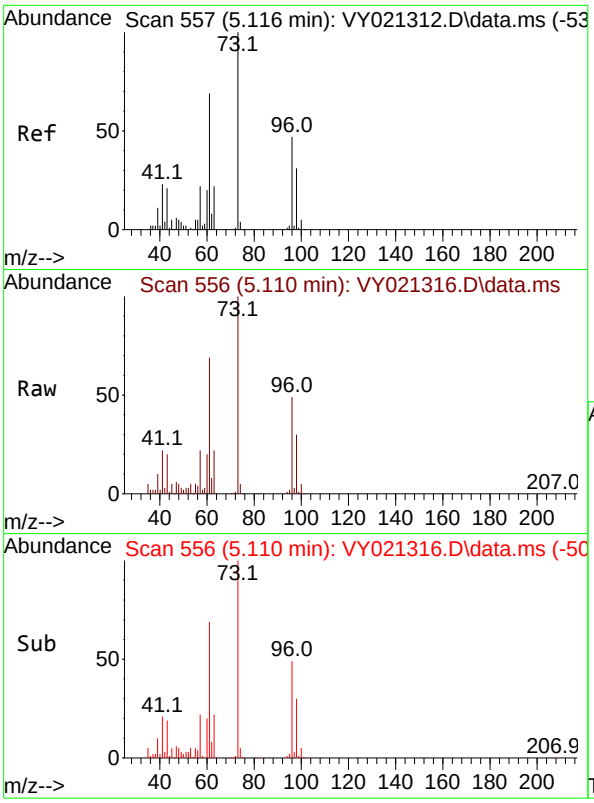


#18
Methyl Acetate
Concen: 94.085 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 43 Resp: 95405

Ion	Ratio	Lower	Upper
43	100		
74	23.5	17.7	26.5

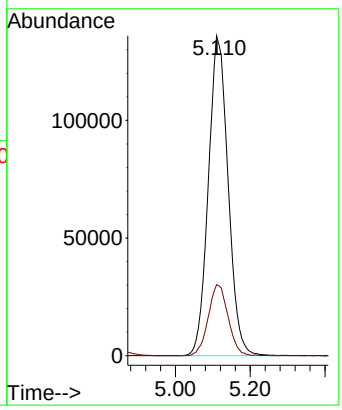




#19
Methyl tert-butyl Ether
Concen: 98.337 ug/l
RT: 5.110 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 73 Resp: 49846

Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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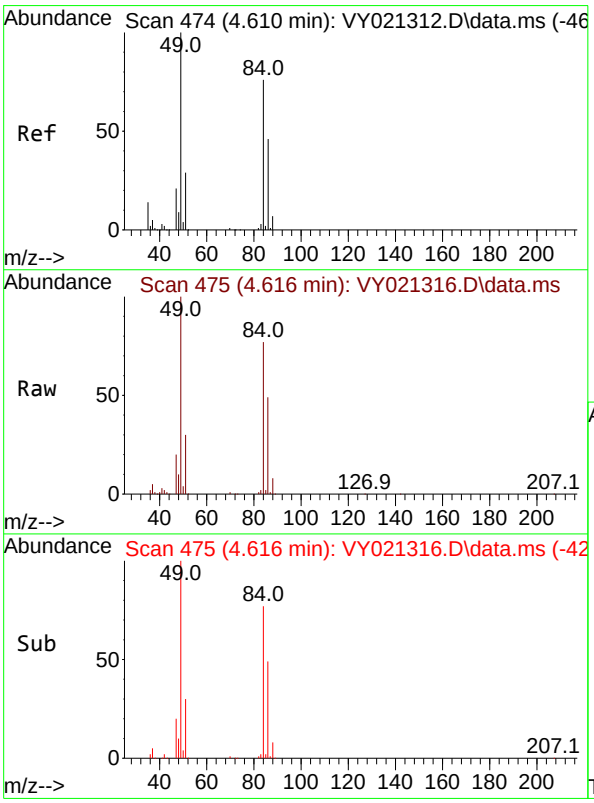
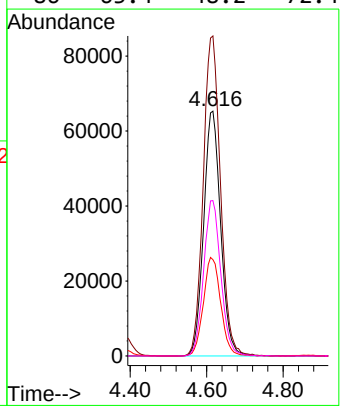
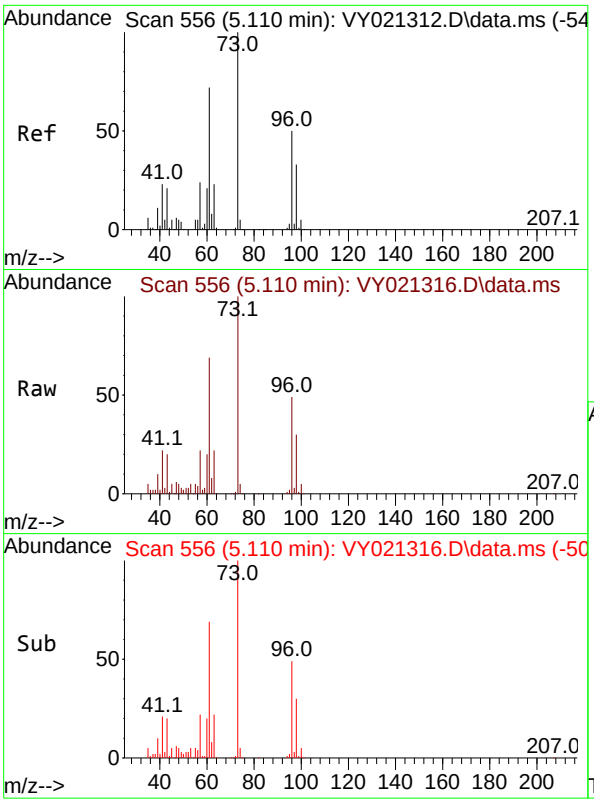


#20
Methylene Chloride
Concen: 89.894 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 84 Resp: 201698

Ion	Ratio	Lower	Upper
84	100		
49	130.7	105.1	157.7
51	39.3	31.0	46.4
86	63.4	48.2	72.4

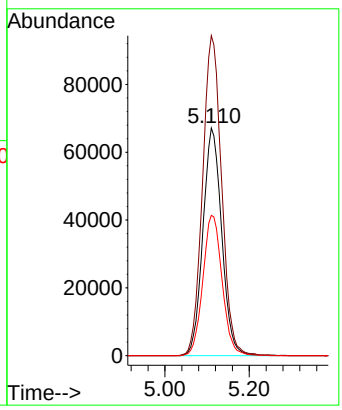




#21
trans-1,2-Dichloroethene
Concen: 98.718 ug/l
RT: 5.110 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 96 Resp: 20849

Ion	Ratio	Lower	Upper
96	100		
61	140.5	116.3	174.5
98	61.7	52.6	78.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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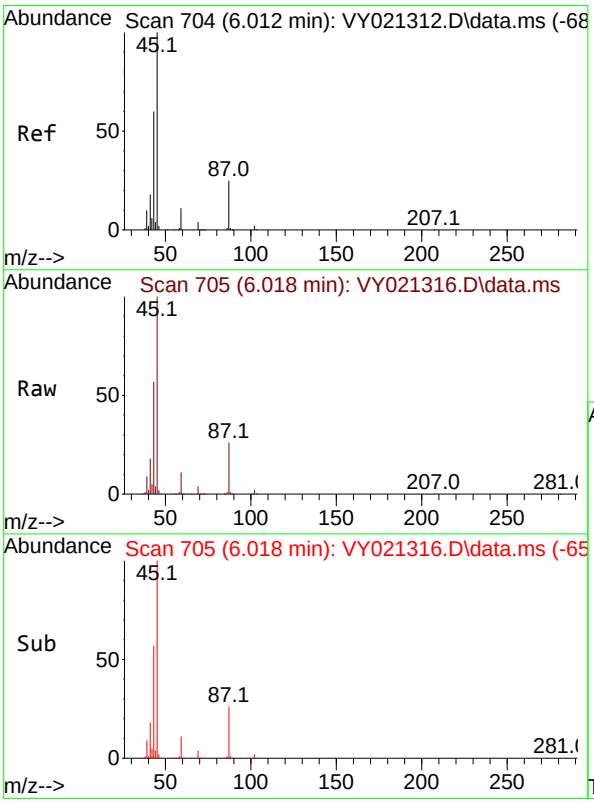
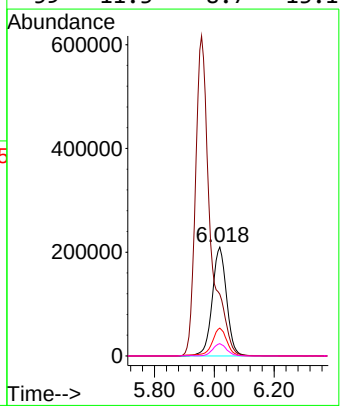
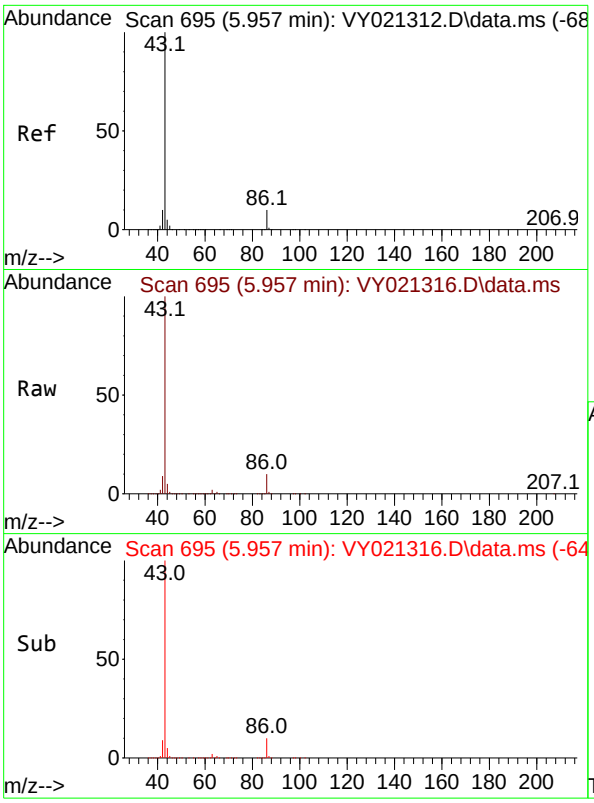


#22
Diisopropyl ether
Concen: 99.061 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 45 Resp: 697290

Ion	Ratio	Lower	Upper
45	100		
43	56.7	48.2	72.4
87	25.6	20.3	30.5
59	11.3	8.7	13.1

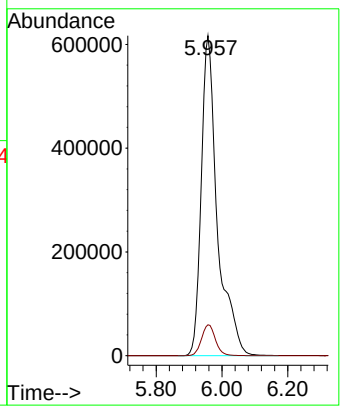




#23
Vinyl Acetate
Concen: 500.017 ug/l
RT: 5.957 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 43 Resp: 210321

Ion	Ratio	Lower	Upper
43	100		
86	9.6	8.0	12.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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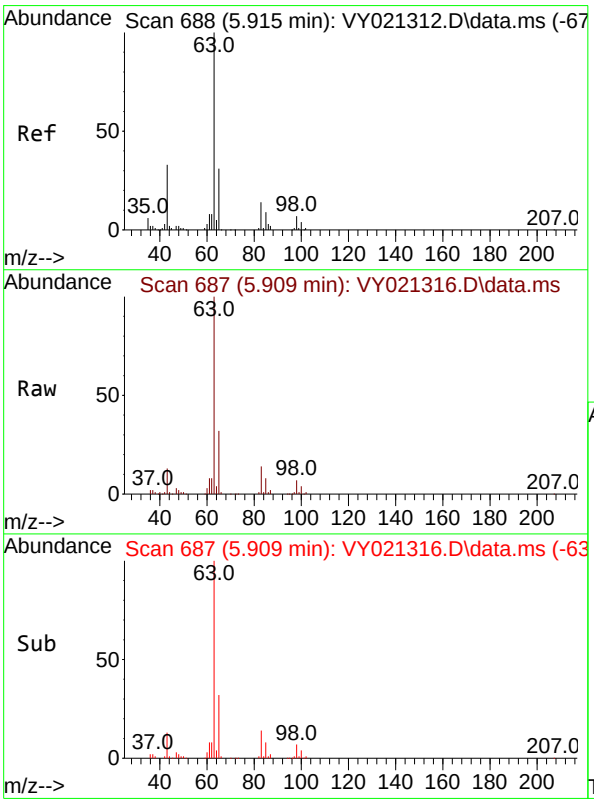
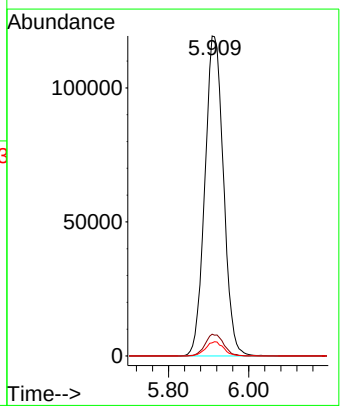
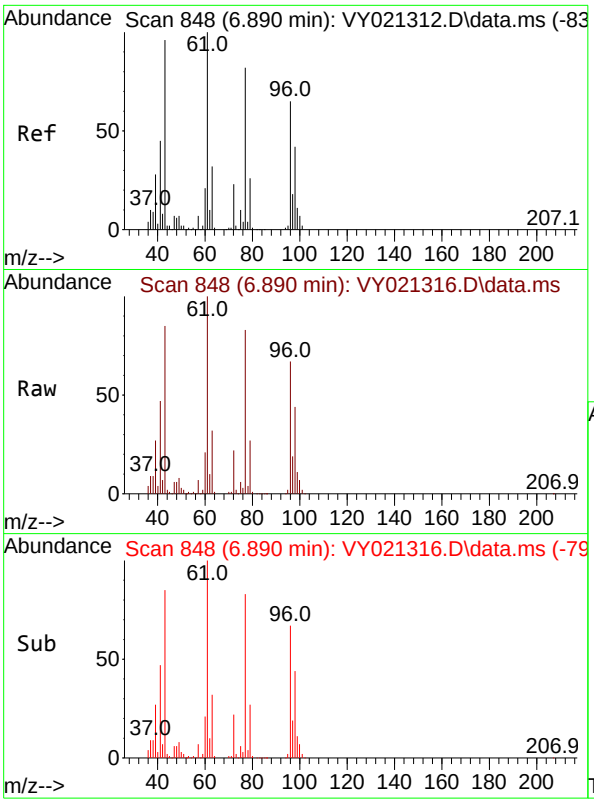


#24
1,1-Dichloroethane
Concen: 96.798 ug/l
RT: 5.909 min Scan# 687
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 63 Resp: 384030

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.7	11.1
100	4.1	2.1	6.5

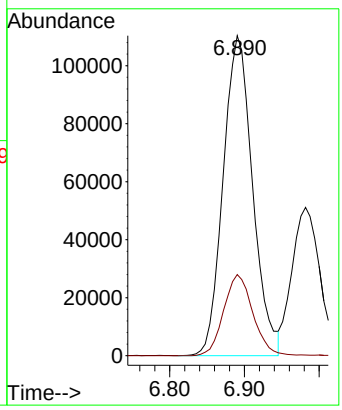




#25
2-Butanone
Concen: 483.977 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 43 Resp: 30307

Ion	Ratio	Lower	Upper
43	100		
72	25.3	19.0	28.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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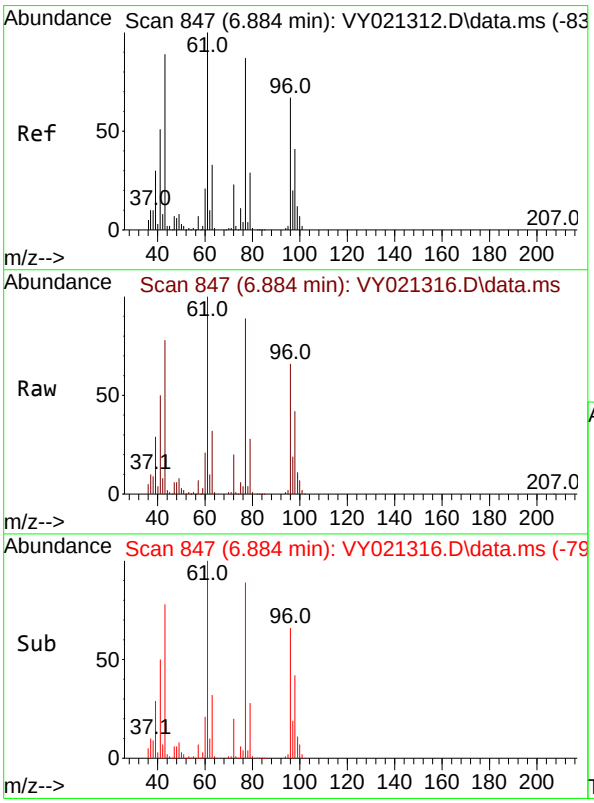
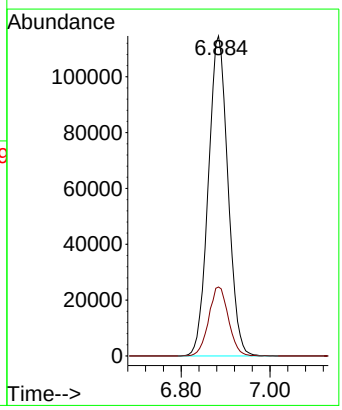
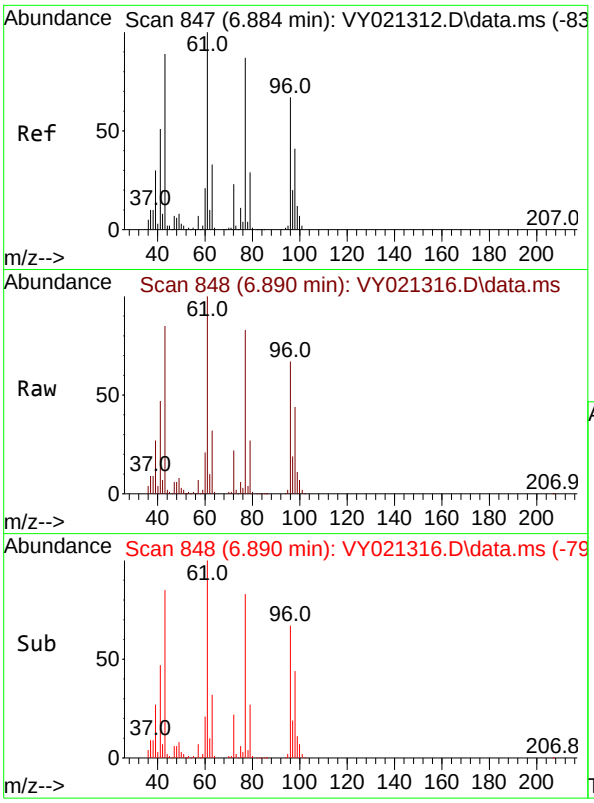


#26
2,2-Dichloropropane
Concen: 97.467 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 77 Resp: 350870

Ion	Ratio	Lower	Upper
77	100		
97	21.7	10.9	32.7

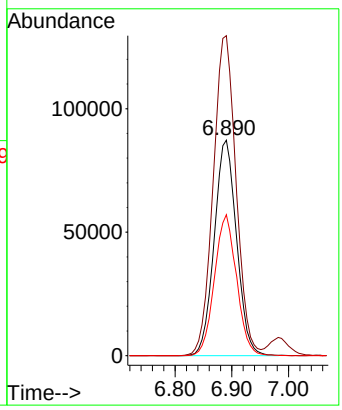




#27
cis-1,2-Dichloroethene
Concen: 99.061 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 96 Resp: 23891

Ion	Ratio	Lower	Upper
96	100		
61	152.3	0.0	308.0
98	64.8	0.0	129.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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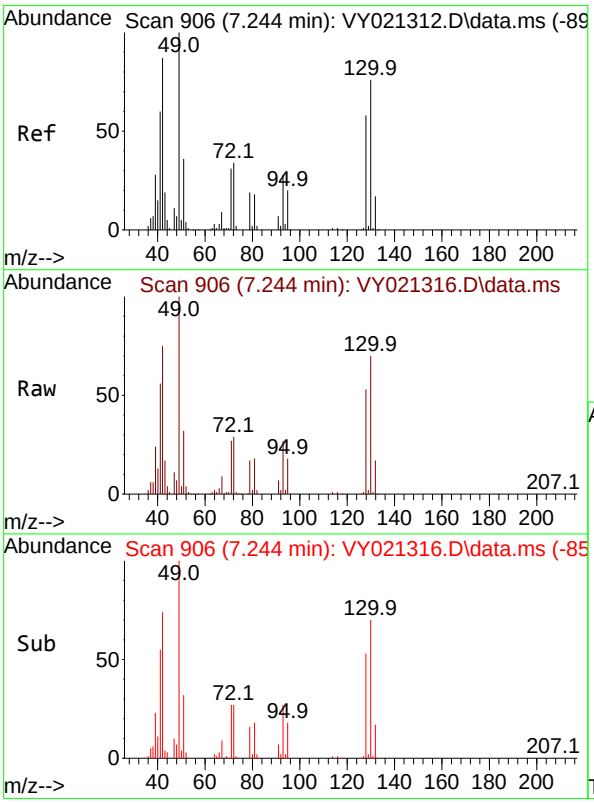
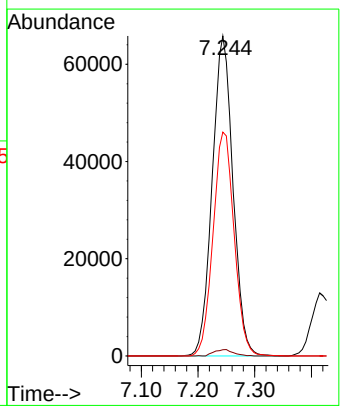
Supervised By :Mahesh Dadoda 02/26/2025

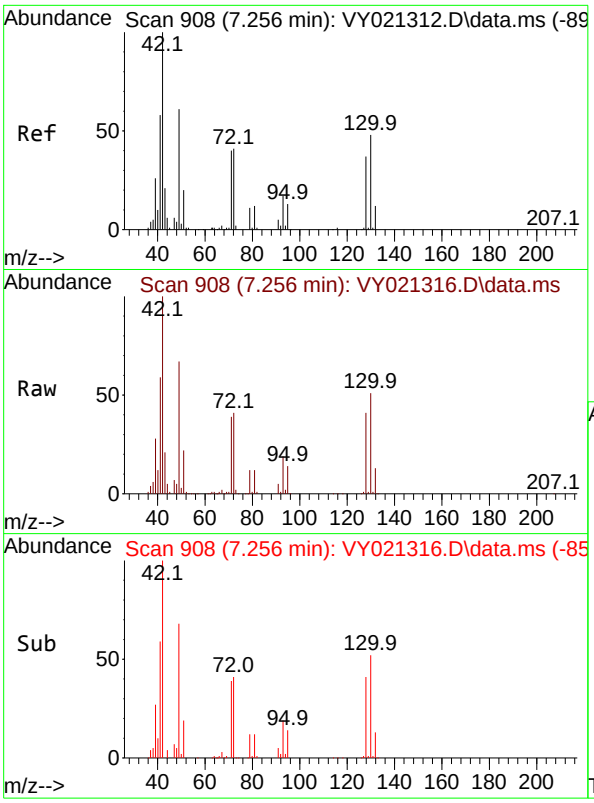


#28
Bromochloromethane
Concen: 95.287 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 49 Resp: 167271

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	71.2	57.8	86.6

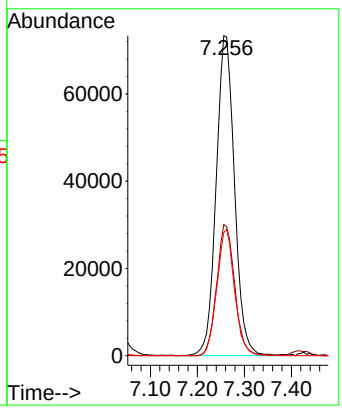




#29
Tetrahydrofuran
Concen: 486.299 ug/l
RT: 7.256 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 42 Resp: 19905

Ion	Ratio	Lower	Upper
42	100		
72	40.3	33.1	49.7
71	37.9	31.4	47.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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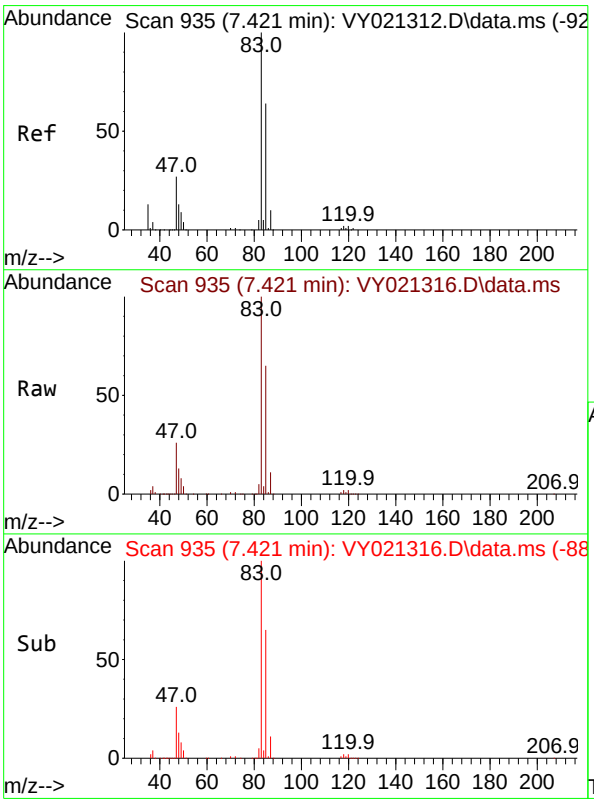
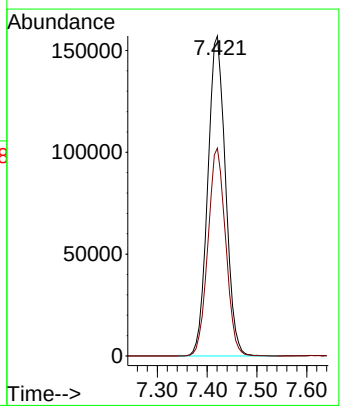
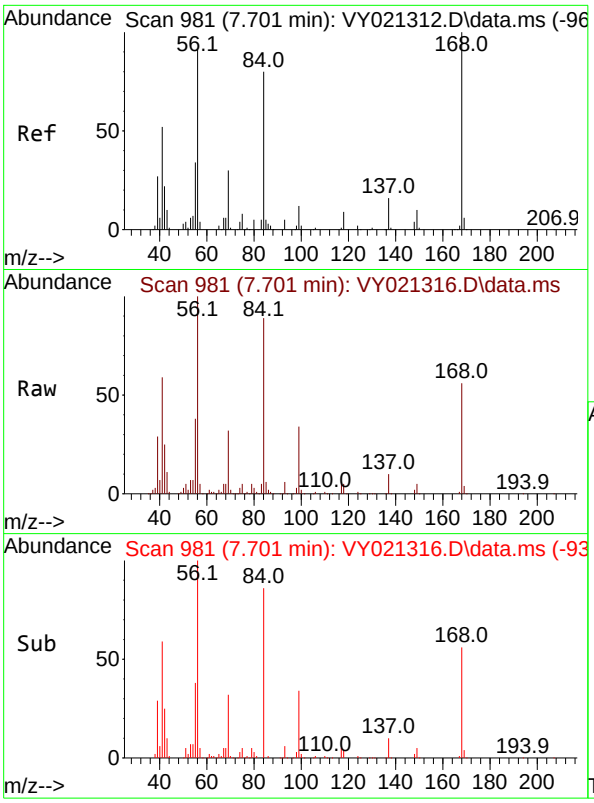


#30
Chloroform
Concen: 96.458 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 83 Resp: 387767

Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.6	77.4





#31
Cyclohexane
Concen: 92.269 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 56 Resp: 35187

Ion	Ratio	Lower	Upper
56	100		
69	32.0	26.2	39.4
84	87.4	70.2	105.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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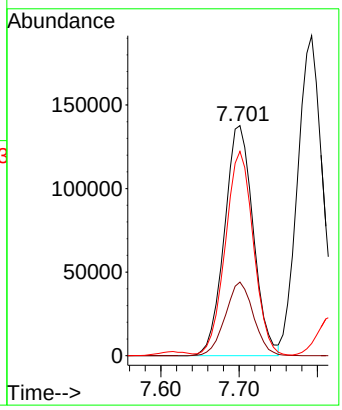
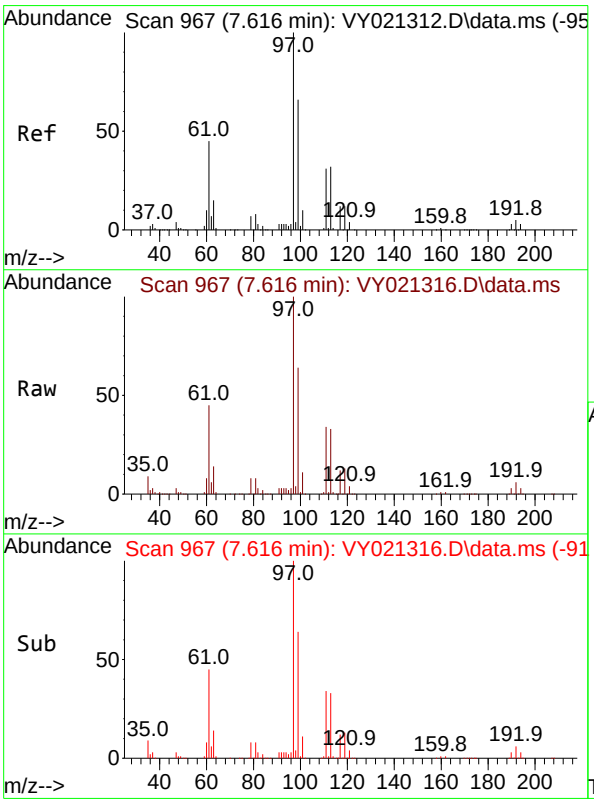
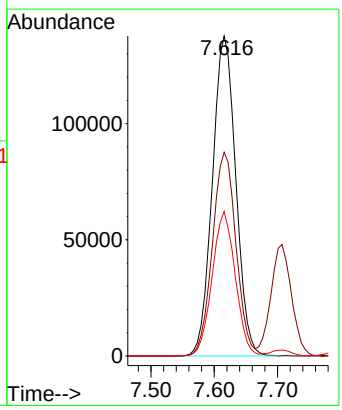


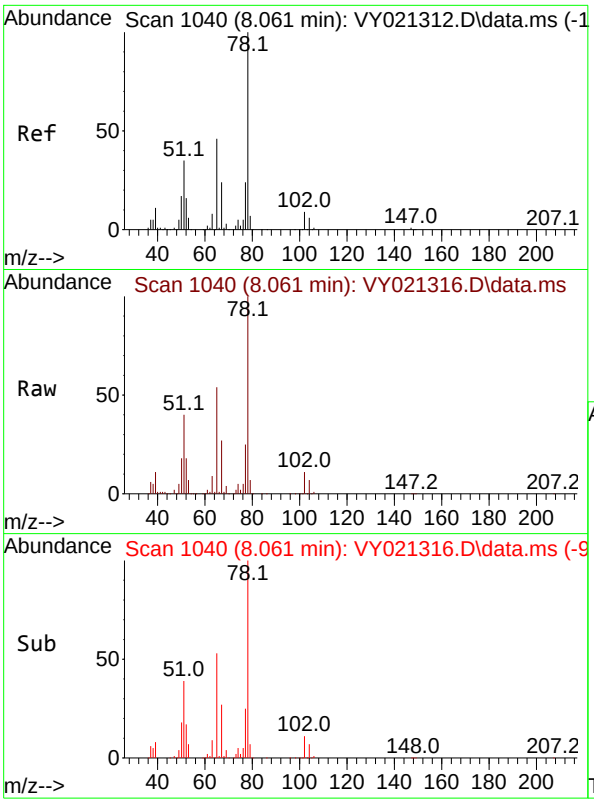


#32
1,1,1-Trichloroethane
Concen: 96.663 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 97 Resp: 353701

Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.4	78.6
61	44.5	36.2	54.2

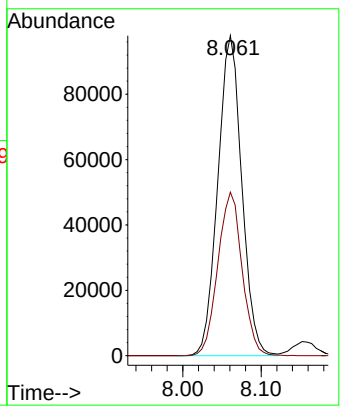




#33
1,2-Dichloroethane-d4
Concen: 96.407 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 65 Resp: 20853

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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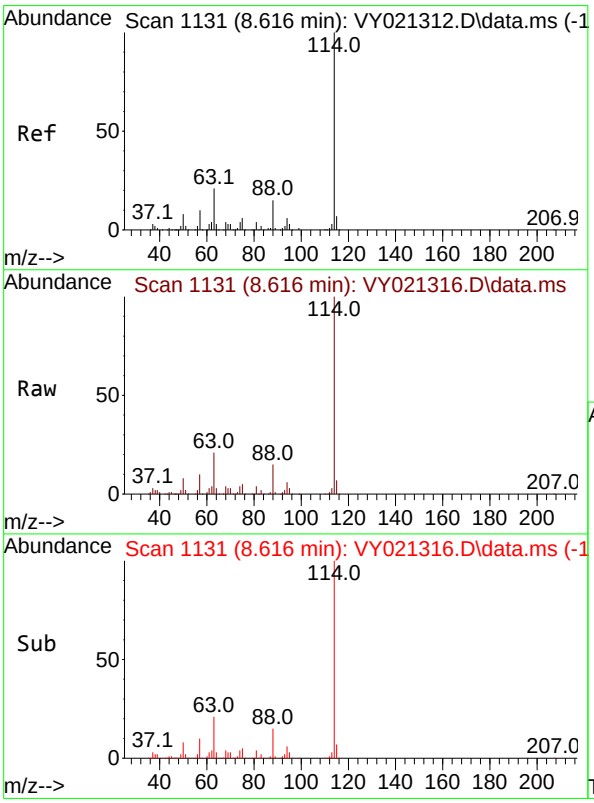
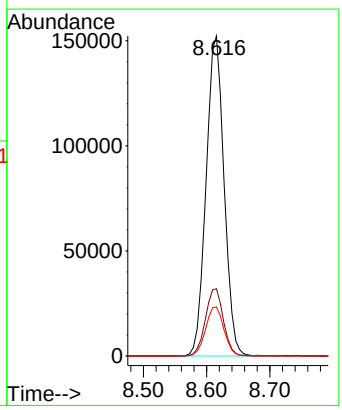
Supervised By :Mahesh Dadoda 02/26/2025

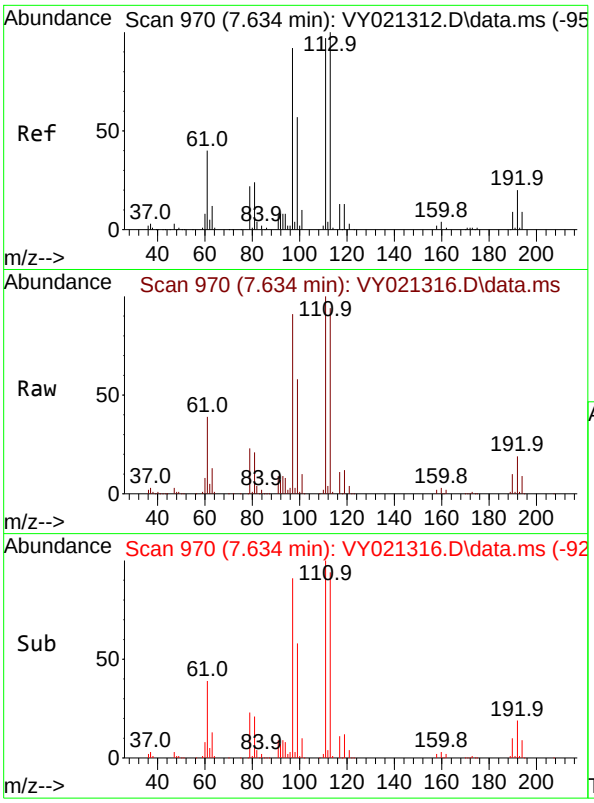


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:114 Resp: 300486

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	42.2
88	15.3	0.0	29.8

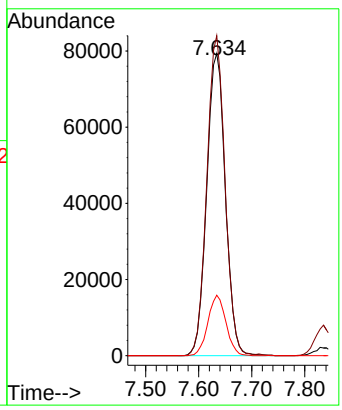




#35
Dibromofluoromethane
Concen: 98.377 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:113 Resp: 19380

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.0	121.6
192	19.4	15.8	23.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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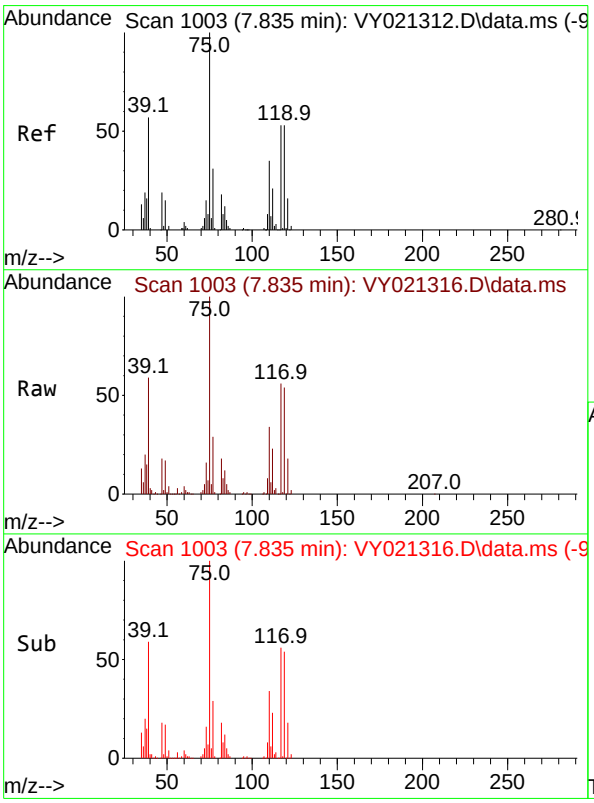
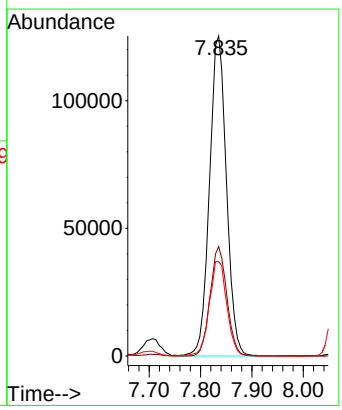
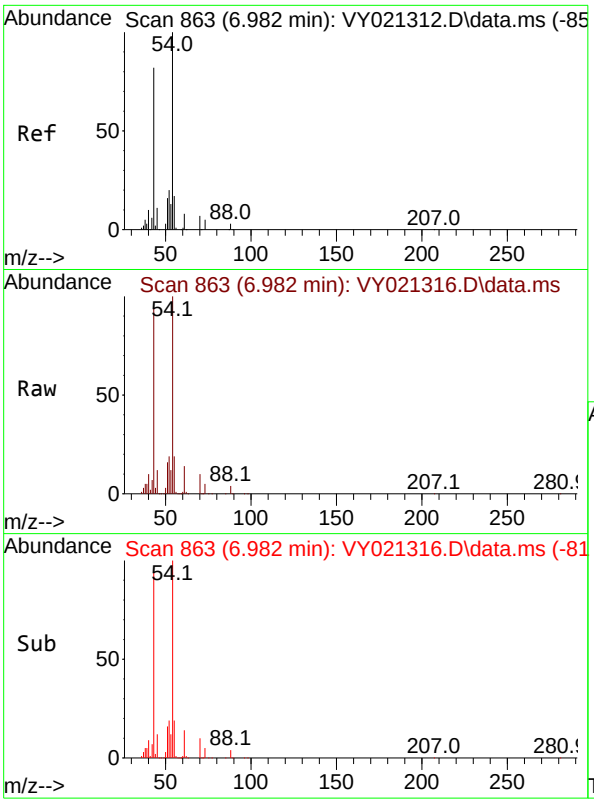


#36
1,1-Dichloropropene
Concen: 97.146 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 75 Resp: 287472

Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.9	50.7
77	30.5	24.6	36.8

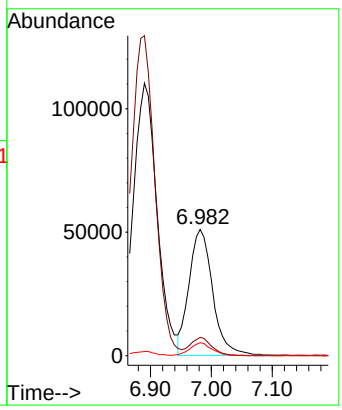




#37
Ethyl Acetate
Concen: 93.230 ug/l
RT: 6.982 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 43 Resp: 13723

Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.4	15.6
70	9.5	7.5	11.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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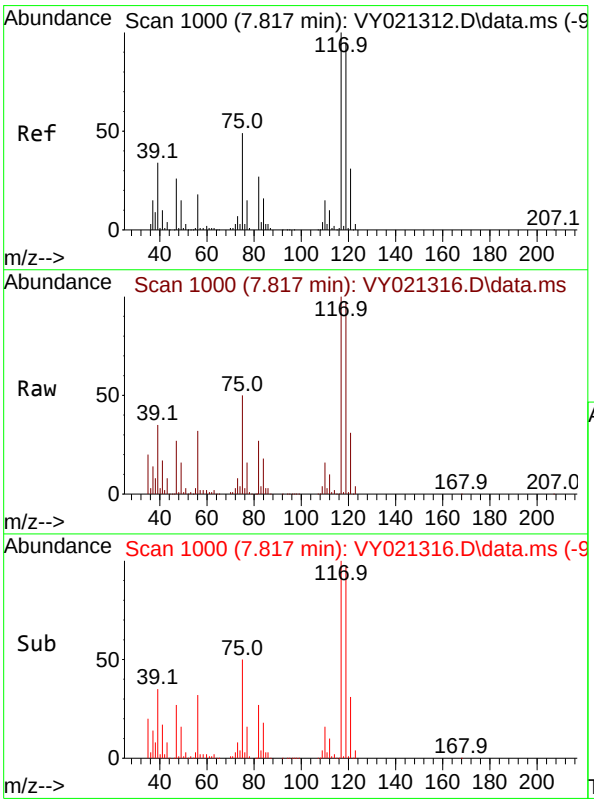
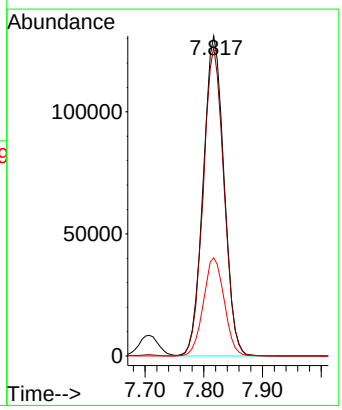
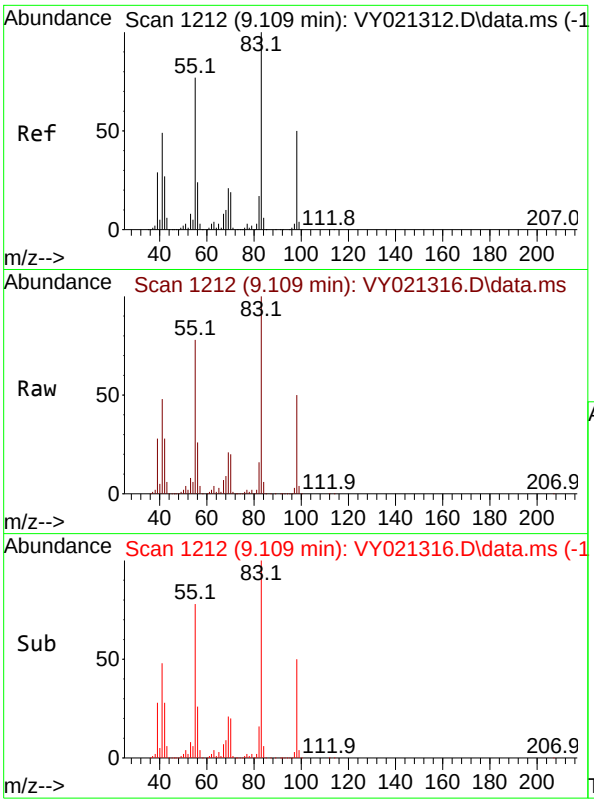


#38
Carbon Tetrachloride
Concen: 96.663 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:117 Resp: 321576

Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.0	114.0
121	30.7	24.9	37.3





#39
Methylcyclohexane
Concen: 99.169 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 83 Resp: 37117

Ion	Ratio	Lower	Upper
83	100		
55	77.9	61.3	91.9
98	49.6	39.9	59.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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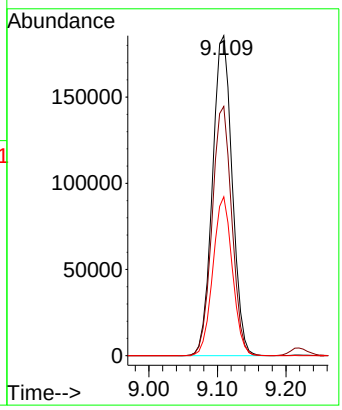
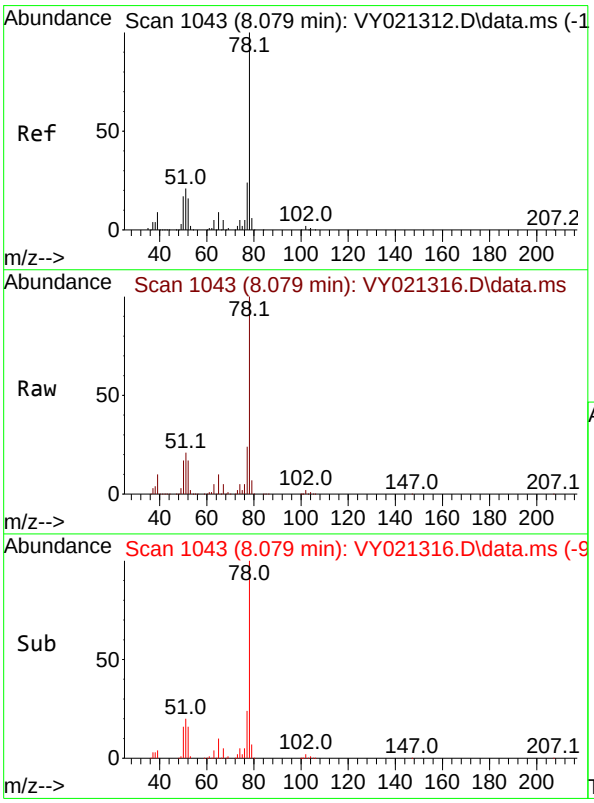
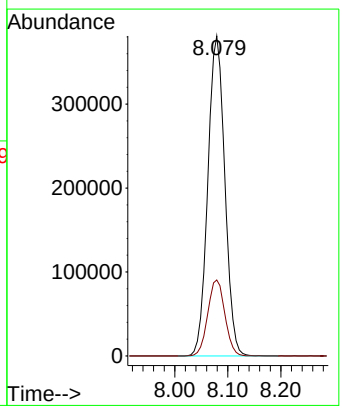


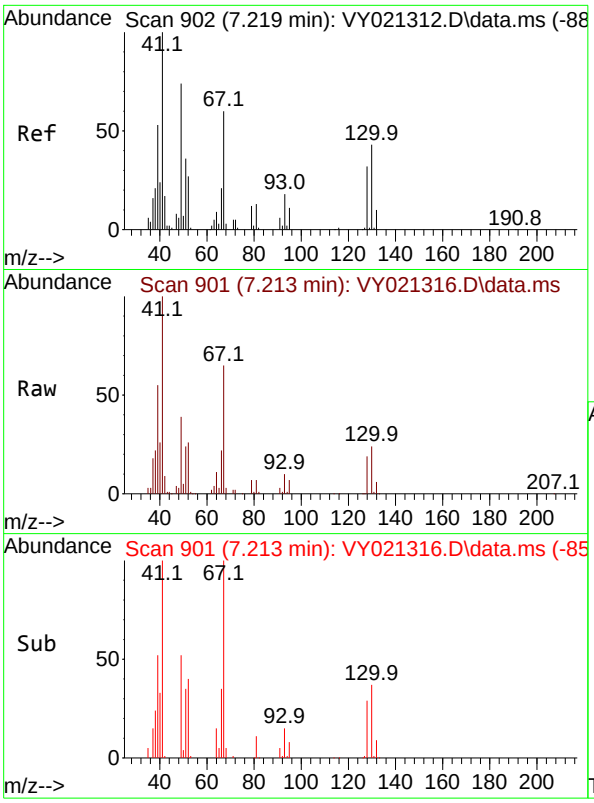


#40
Benzene
Concen: 96.835 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 78 Resp: 847066

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.2	28.8

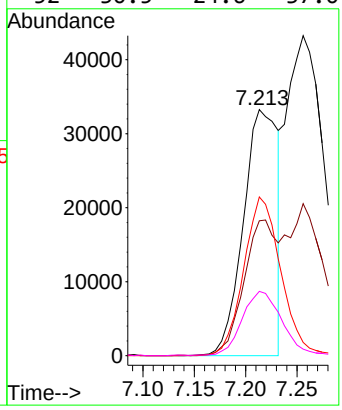




#41
Methacrylonitrile
Concen: 94.219 ug/l
RT: 7.213 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 41 Resp: 7754

Ion	Ratio	Lower	Upper
41	100		
39	53.2	42.3	63.5
67	69.9	54.8	82.2
52	30.5	24.6	37.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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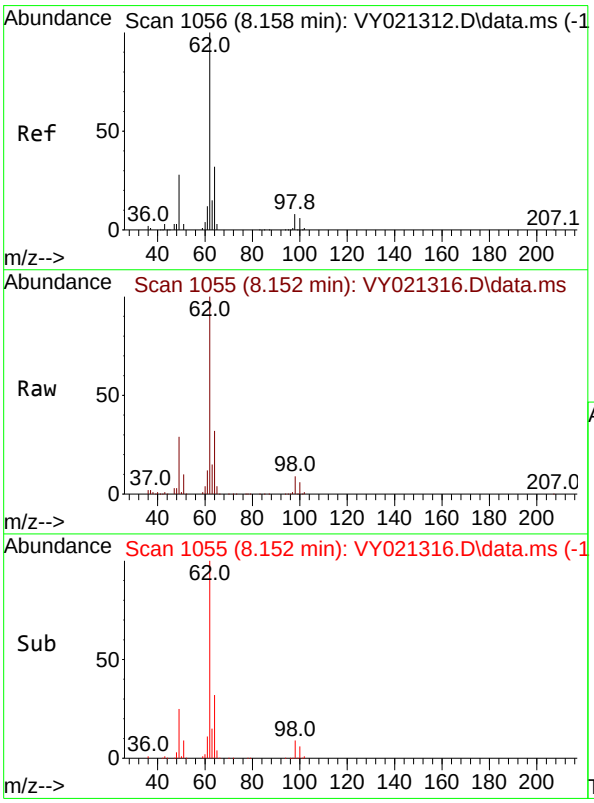
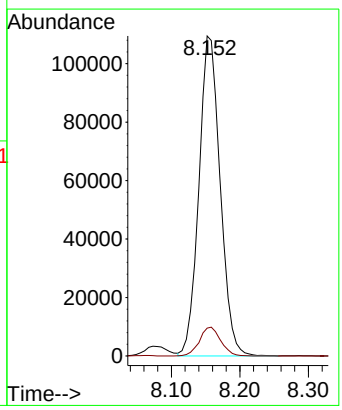
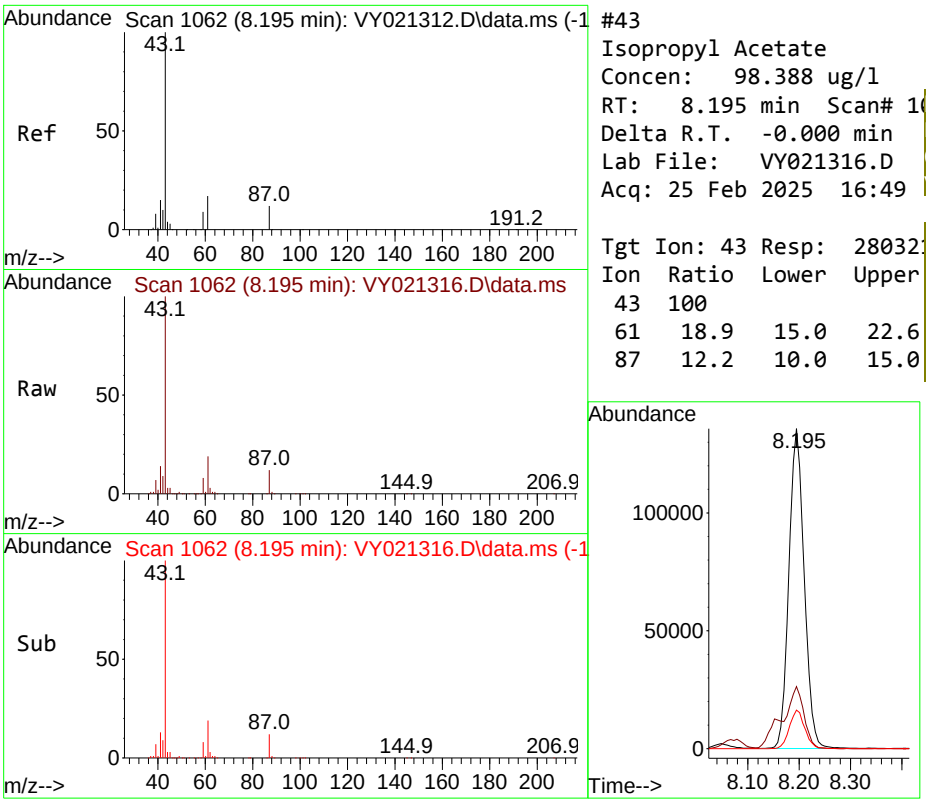


#42
1,2-Dichloroethane
Concen: 95.375 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 62 Resp: 236704

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.6





#43
Isopropyl Acetate
Concen: 98.388 ug/l
RT: 8.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 43 Resp: 28032

Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.0	22.6
87	12.2	10.0	15.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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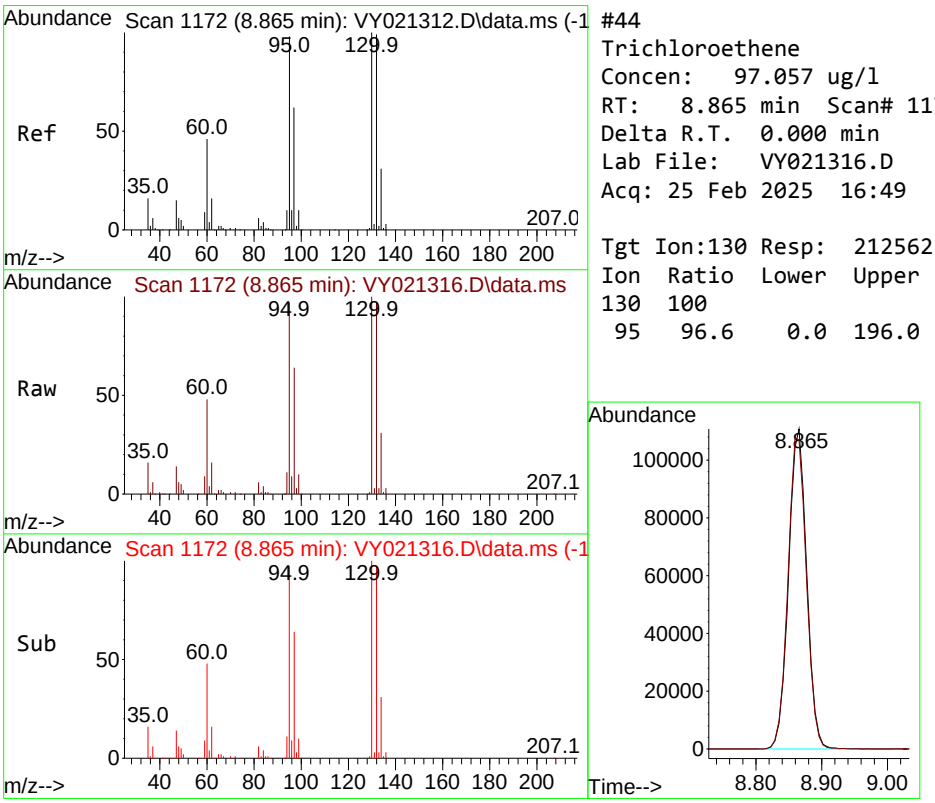
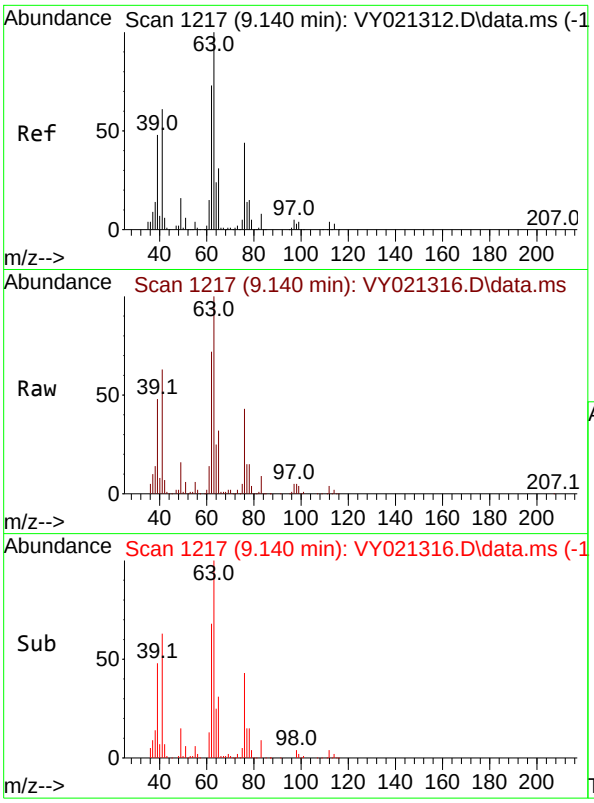


#44
Trichloroethene
Concen: 97.057 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:130 Resp: 212562

Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	196.0



#45
1,2-Dichloropropane
Concen: 95.814 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 63 Resp: 20170

Ion	Ratio	Lower	Upper
63	100		
65	31.7	24.6	36.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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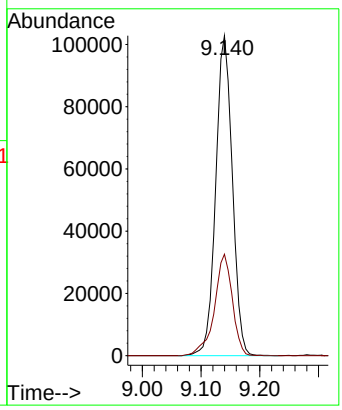
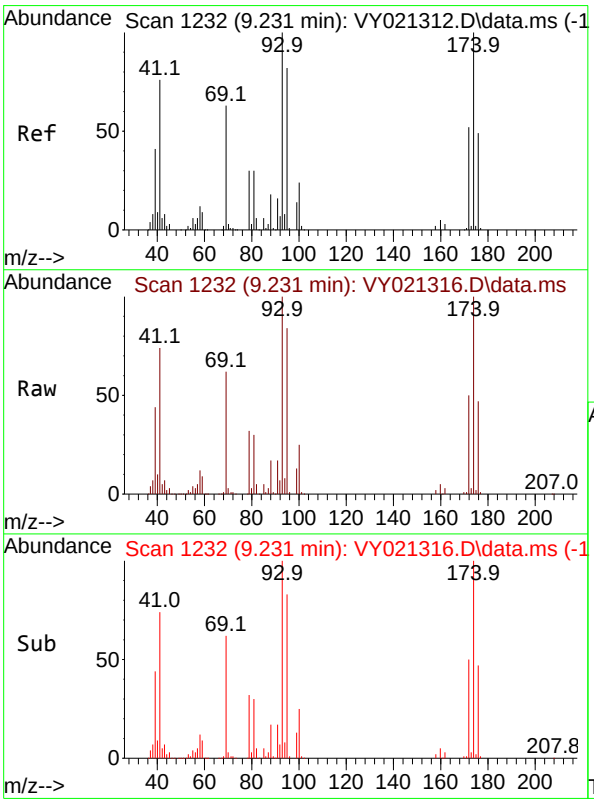
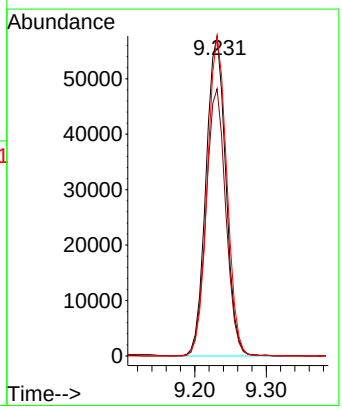


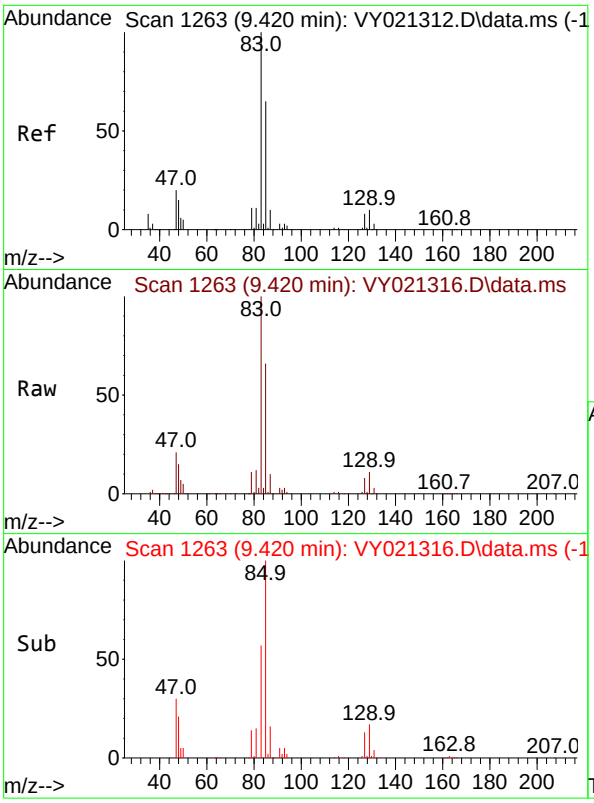


#46
Dibromomethane
Concen: 96.301 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 93 Resp: 110814

Ion	Ratio	Lower	Upper
93	100		
95	83.4	66.4	99.6
174	98.3	78.2	117.2

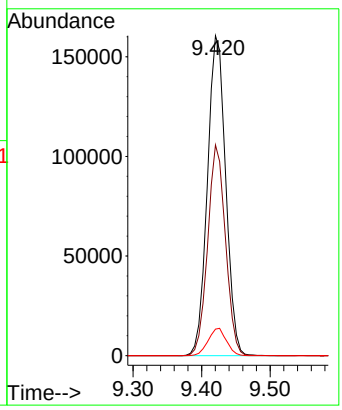




#47
Bromodichloromethane
Concen: 96.904 ug/l
RT: 9.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 83 Resp: 29732

Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.8	77.8
127	8.3	6.7	10.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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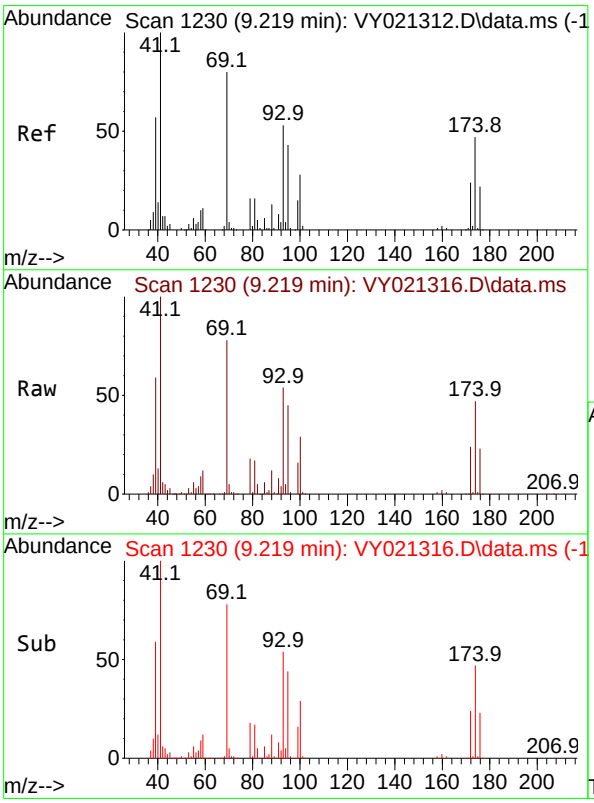
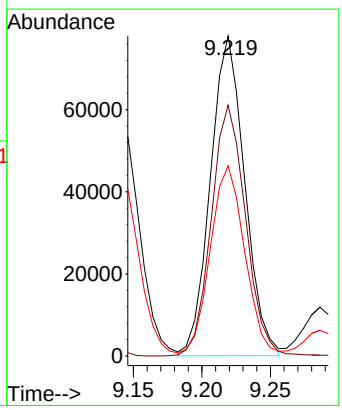
Supervised By :Mahesh Dadoda 02/26/2025

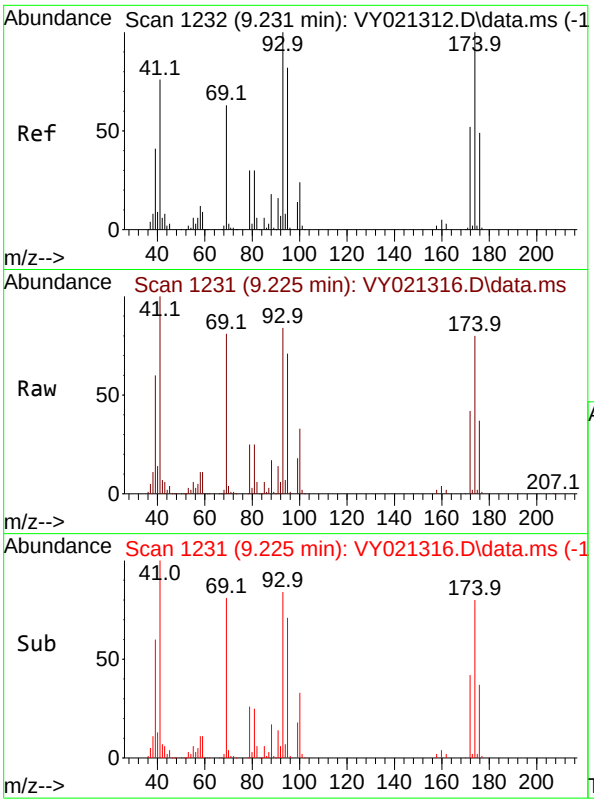


#48
Methyl methacrylate
Concen: 101.635 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 41 Resp: 135412

Ion	Ratio	Lower	Upper
41	100		
69	78.9	63.3	94.9
39	58.0	45.0	67.6

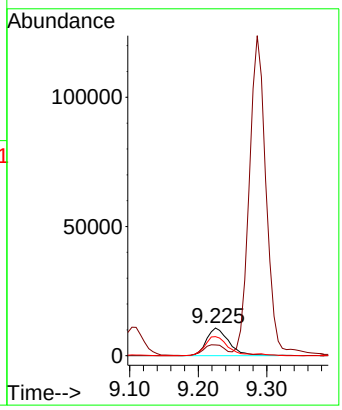




#49
1,4-Dioxane
Concen: 1903.504 ug/l
RT: 9.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 88 Resp: 2435

Ion	Ratio	Lower	Upper
88	100		
43	38.0	34.8	52.2
58	70.4	59.8	89.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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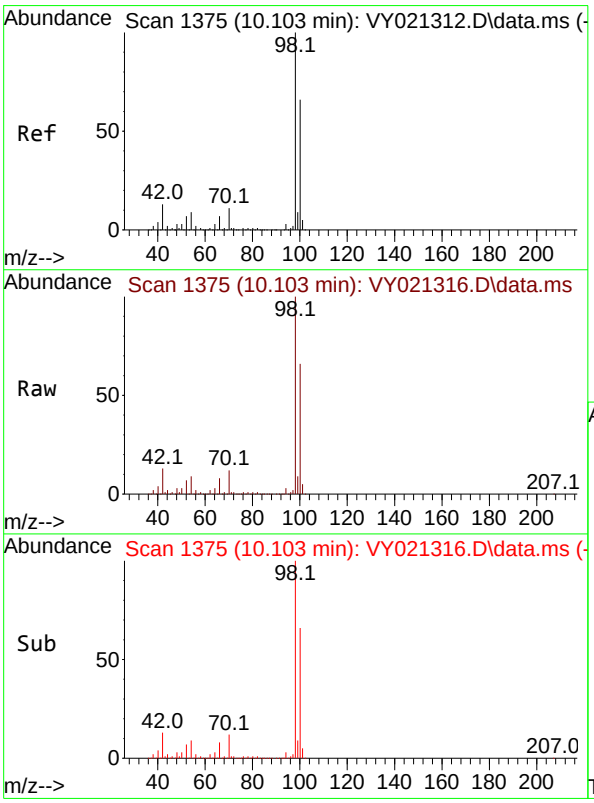
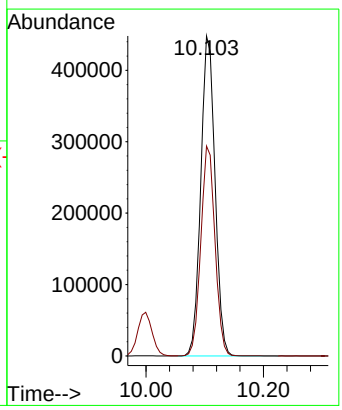
Supervised By :Mahesh Dadoda 02/26/2025

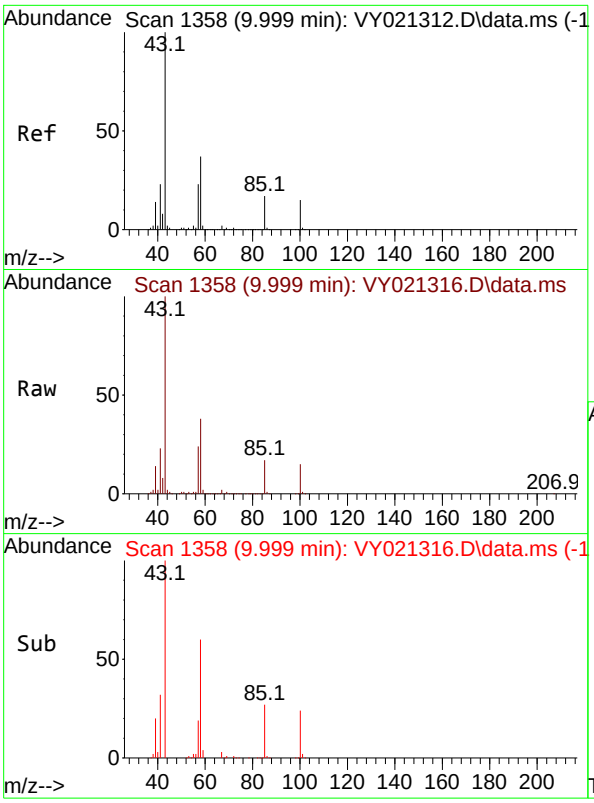


#50
Toluene-d8
Concen: 98.889 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 98 Resp: 752895

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.4	78.6

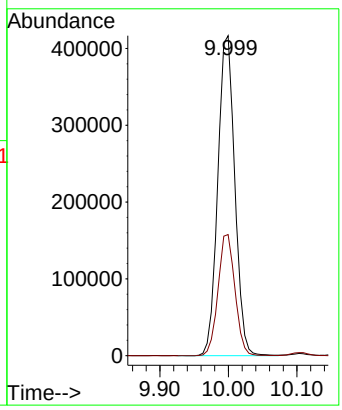




#51
4-Methyl-2-Pentanone
Concen: 490.938 ug/l
RT: 9.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 43 Resp: 71600

Ion	Ratio	Lower	Upper
43	100		
58	37.7	30.1	45.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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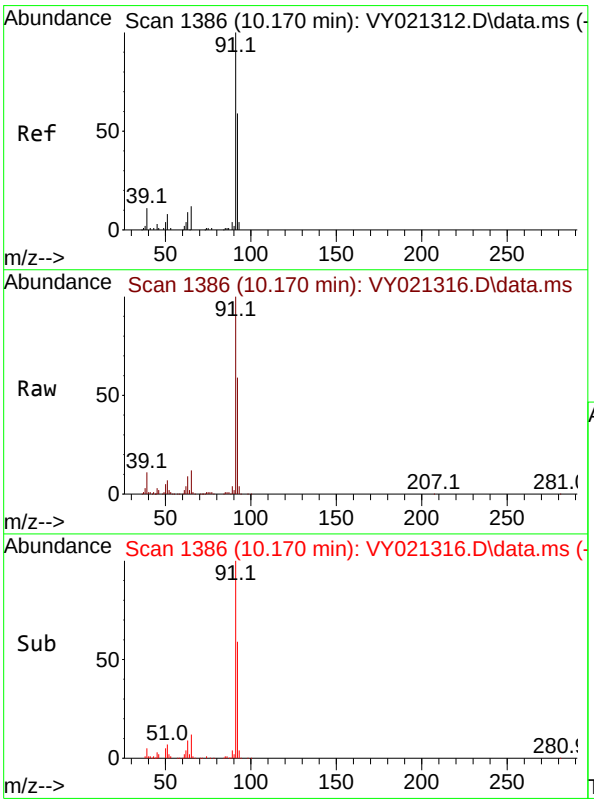
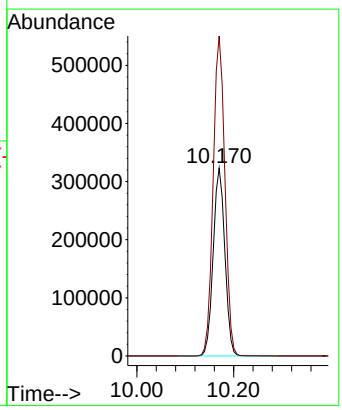
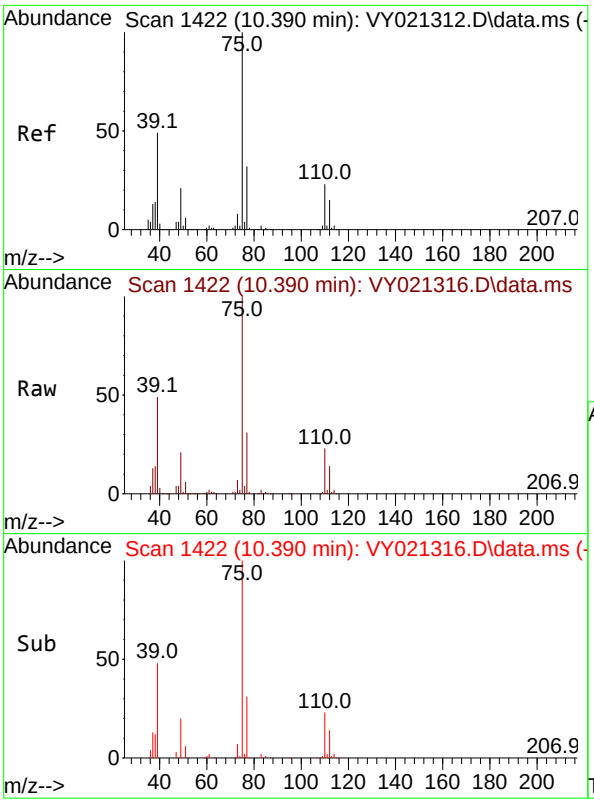


#52
Toluene
Concen: 99.189 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 92 Resp: 539016

Ion	Ratio	Lower	Upper
92	100		
91	171.7	137.8	206.8

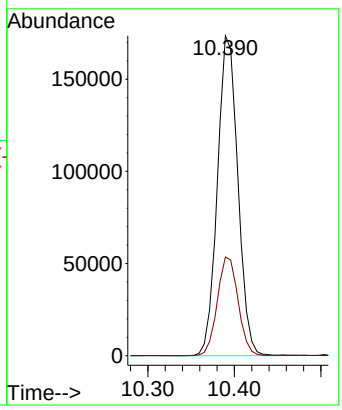




#53
t-1,3-Dichloropropene
Concen: 101.290 ug/l
RT: 10.390 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 75 Resp: 28473

Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.3	37.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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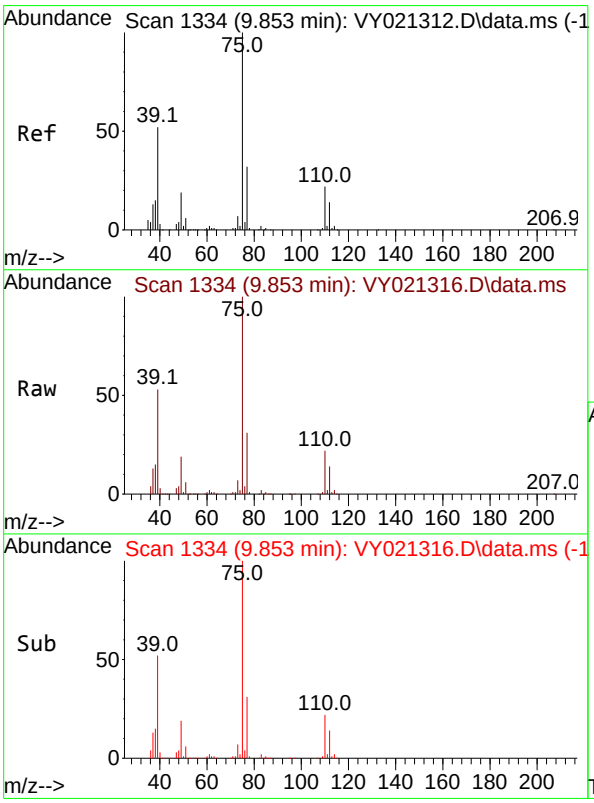
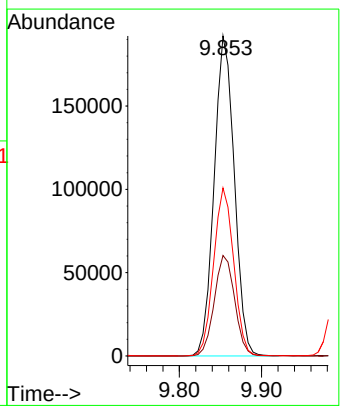
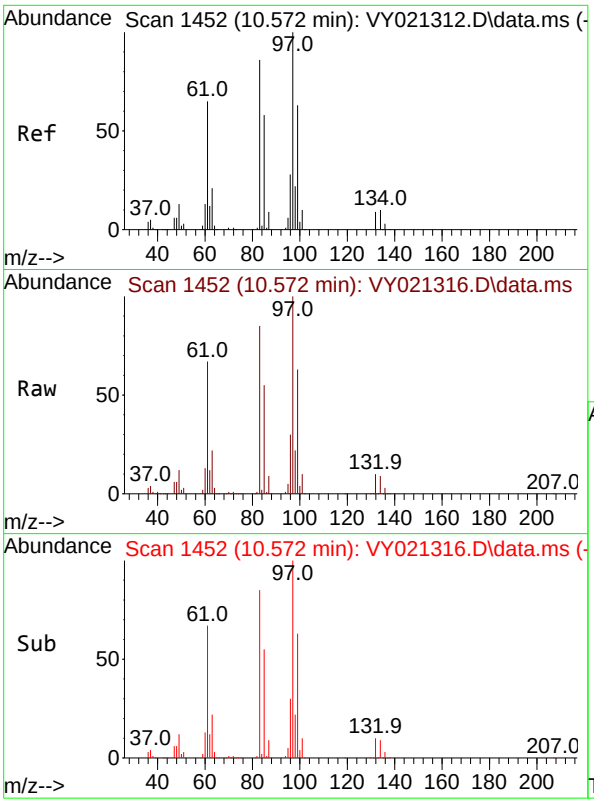


#54
cis-1,3-Dichloropropene
Concen: 98.870 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 75 Resp: 328107

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.7	38.5
39	52.5	41.8	62.6

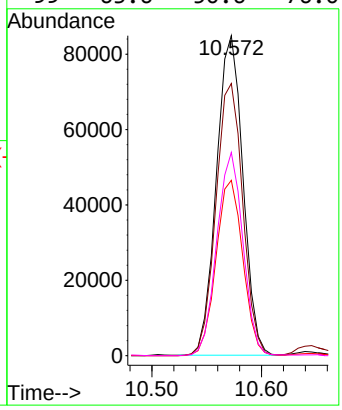




#55
1,1,2-Trichloroethane
Concen: 94.975 ug/l
RT: 10.572 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 97 Resp: 14237

Ion	Ratio	Lower	Upper
97	100		
83	85.2	68.7	103.1
85	54.9	46.3	69.5
99	63.6	50.6	76.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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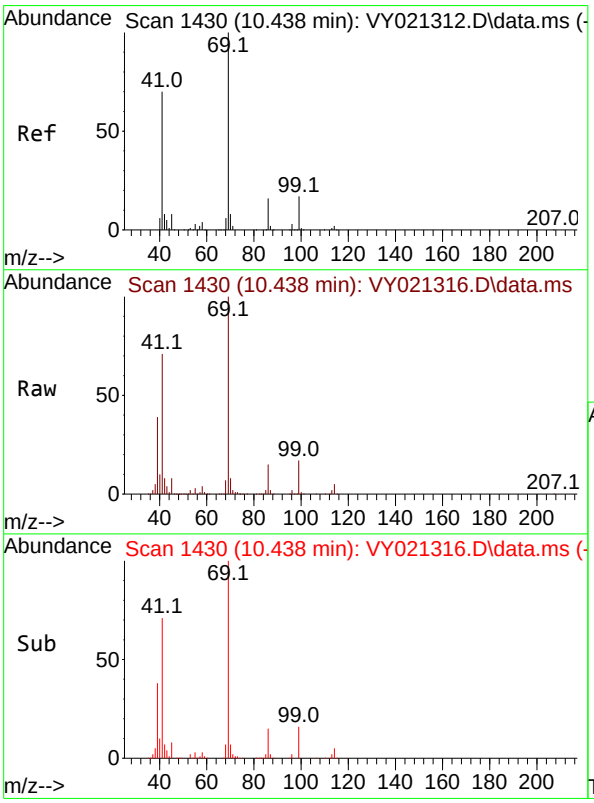
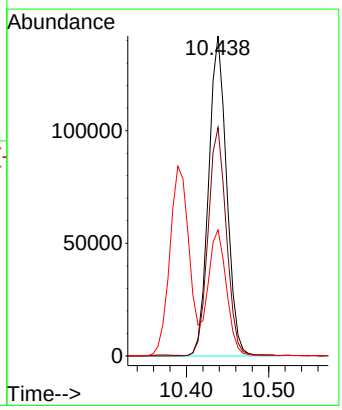
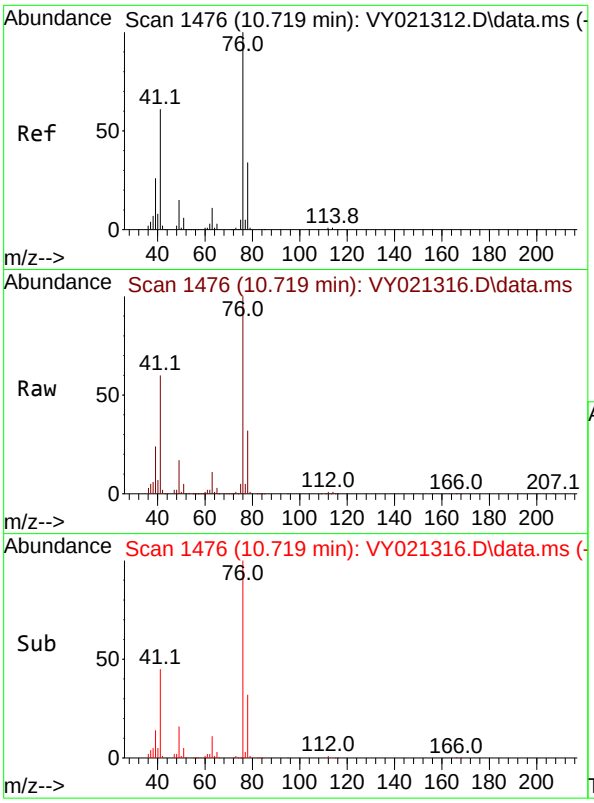


#56
Ethyl methacrylate
Concen: 104.564 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 69 Resp: 216586

Ion	Ratio	Lower	Upper
69	100		
41	71.7	56.2	84.4
39	40.2	32.7	49.1

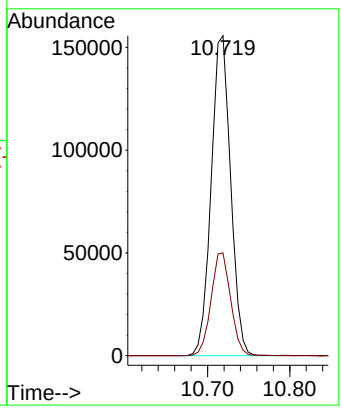




#57
1,3-Dichloropropane
Concen: 97.283 ug/l
RT: 10.719 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 76 Resp: 25590

Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.9	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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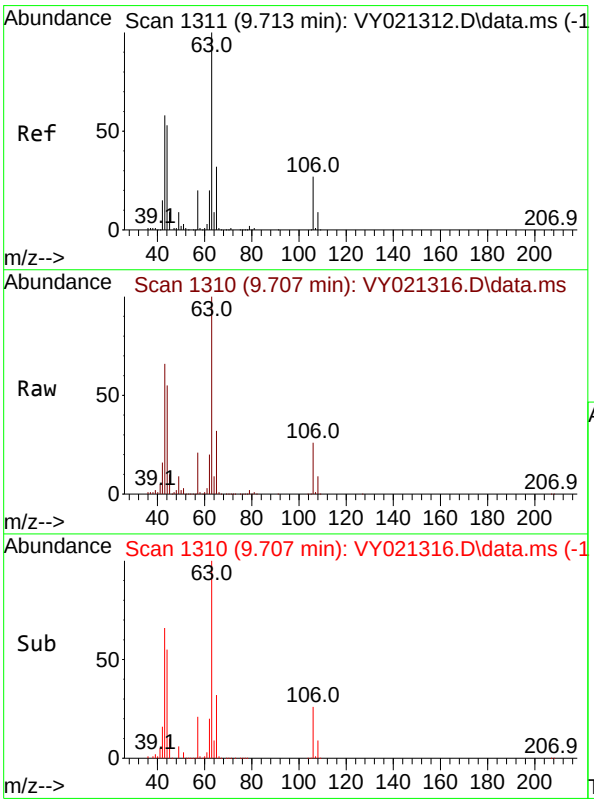
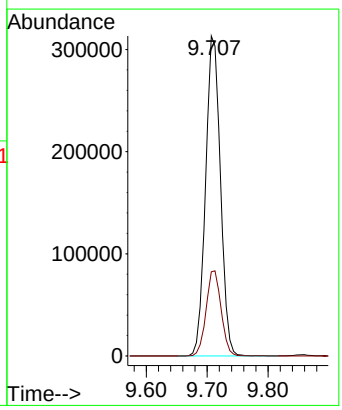
Supervised By :Mahesh Dadoda 02/26/2025

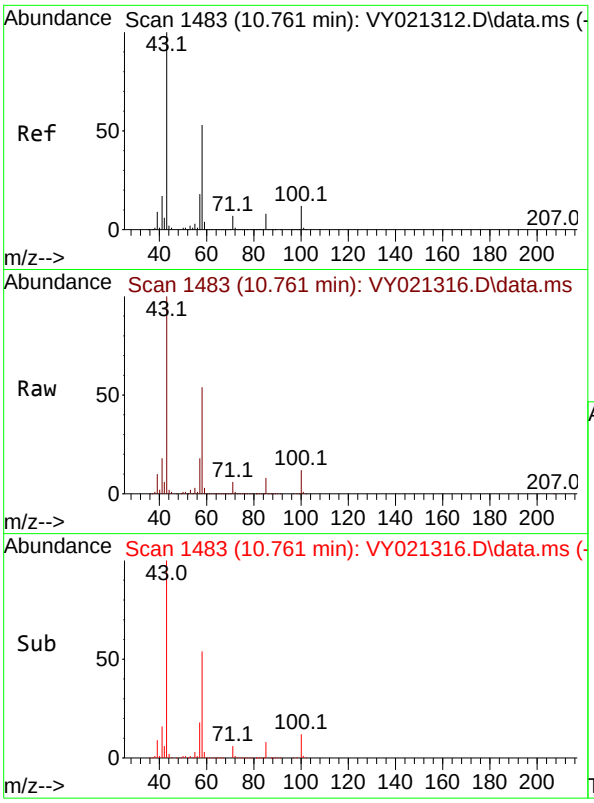


#58
2-Chloroethyl Vinyl ether
Concen: 533.791 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 63 Resp: 530695

Ion	Ratio	Lower	Upper
63	100		
106	26.9	21.7	32.5





#59
2-Hexanone
Concen: 507.115 ug/l
RT: 10.761 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 43 Resp: 48573

Ion	Ratio	Lower	Upper
43	100		
58	52.5	25.9	77.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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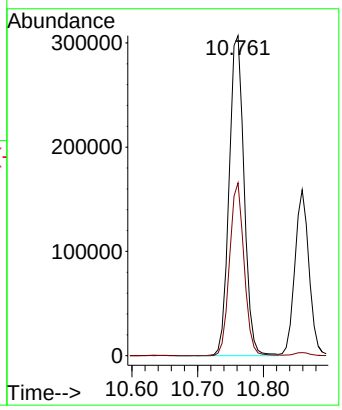
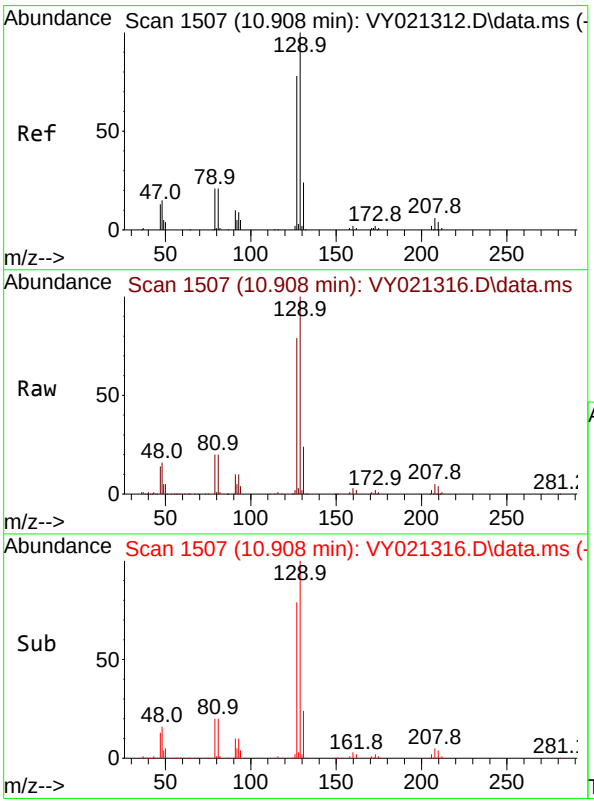
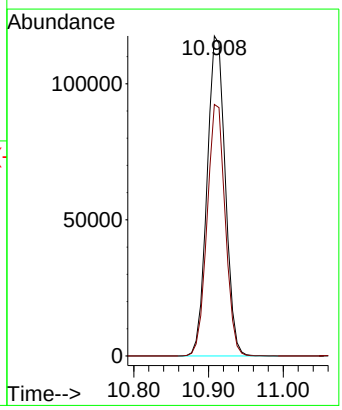


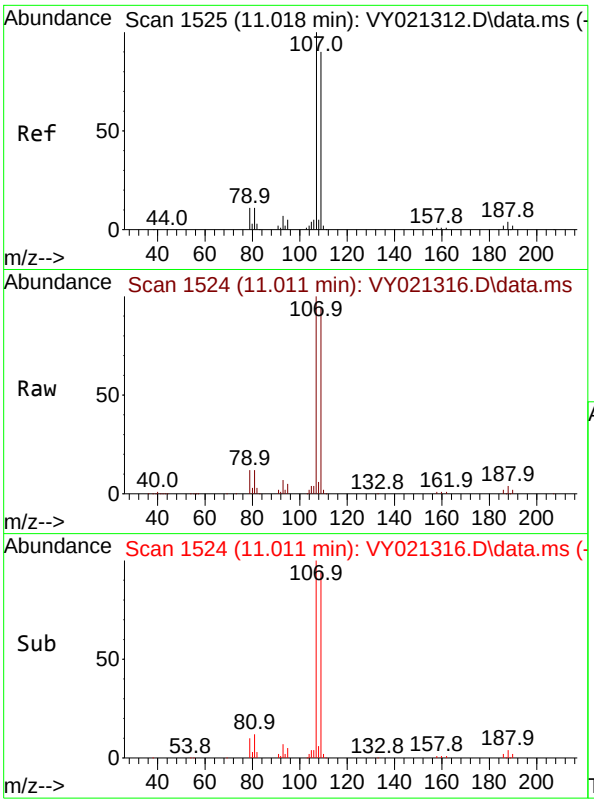


#60
Dibromochloromethane
Concen: 97.582 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:129 Resp: 199225

Ion	Ratio	Lower	Upper
129	100		
127	78.2	38.8	116.4

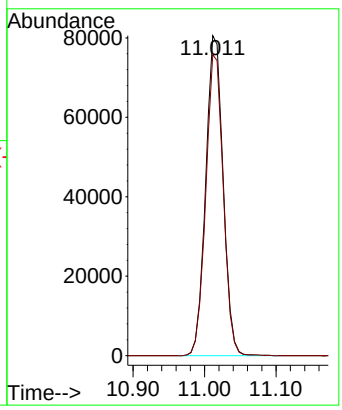




#61
1,2-Dibromoethane
Concen: 96.029 ug/l
RT: 11.011 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:107 Resp: 13628

Ion	Ratio	Lower	Upper
107	100		
109	94.2	73.8	110.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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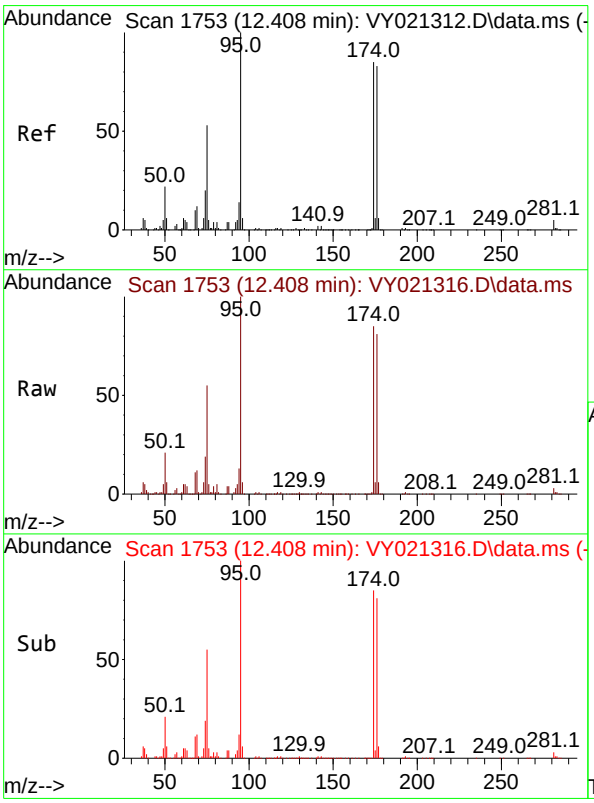
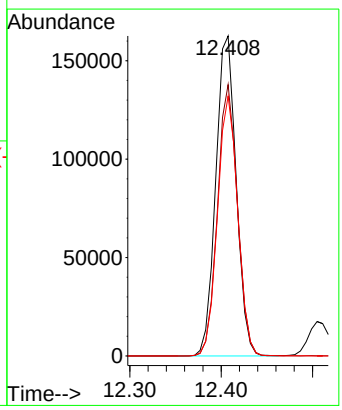
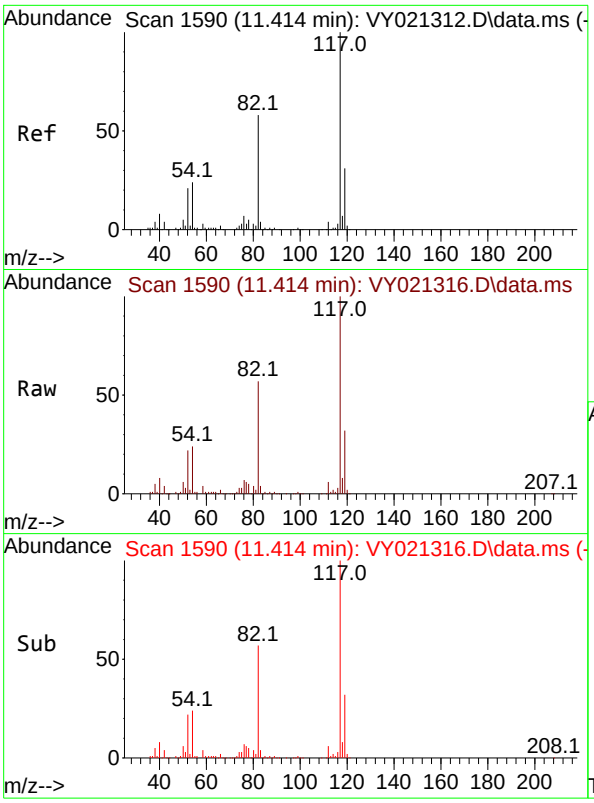


#62
4-Bromofluorobenzene
Concen: 98.477 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 95 Resp: 252327

Ion	Ratio	Lower	Upper
95	100		
174	82.9	0.0	168.0
176	80.5	0.0	162.6

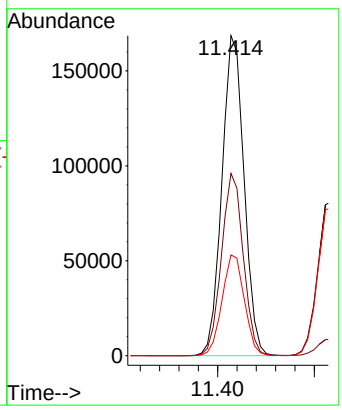




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:117 Resp: 26715

Ion	Ratio	Lower	Upper
117	100		
82	56.9	46.2	69.4
119	31.5	24.9	37.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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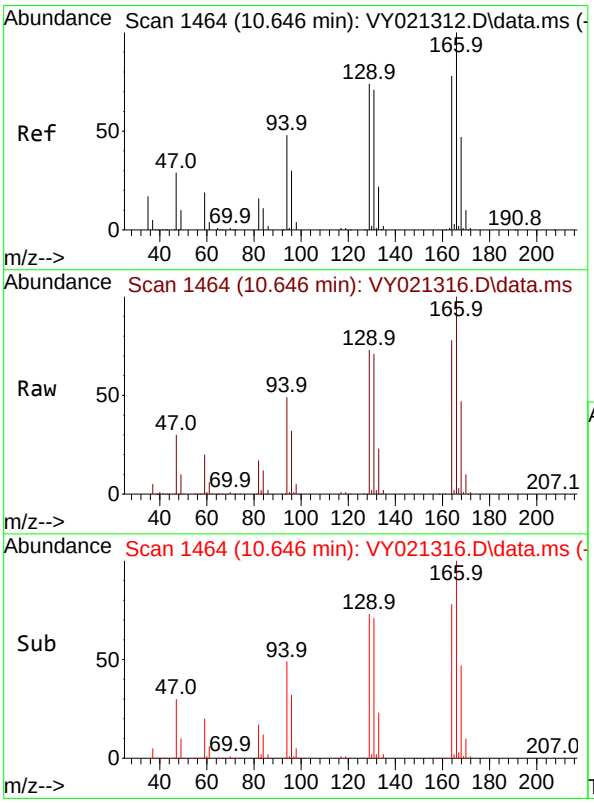
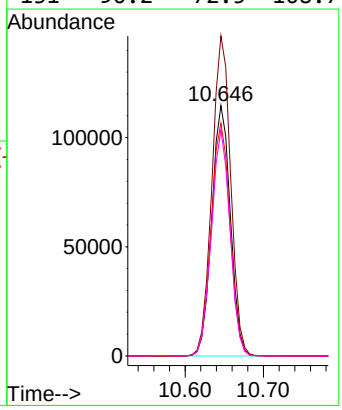
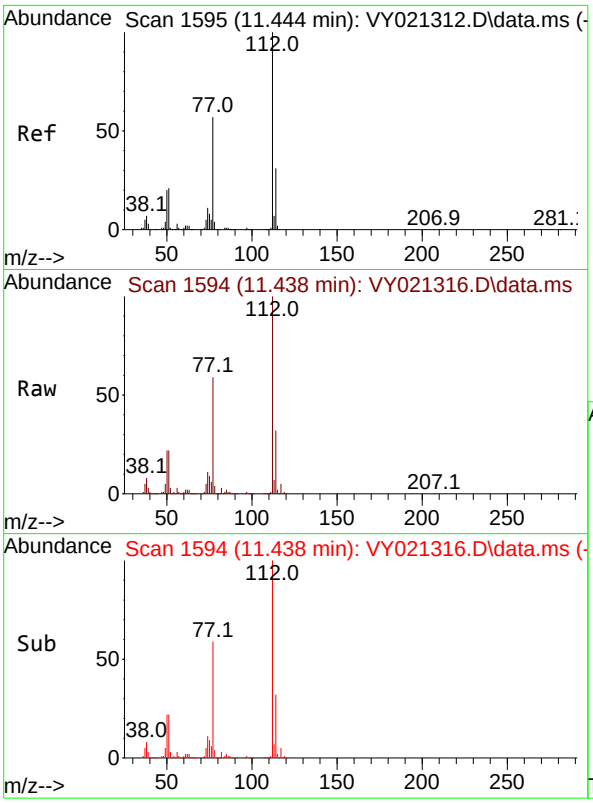


#64
Tetrachloroethene
Concen: 93.936 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:164 Resp: 189679

Ion	Ratio	Lower	Upper
164	100		
166	127.8	101.9	152.9
129	92.9	75.5	113.3
131	90.2	72.5	108.7

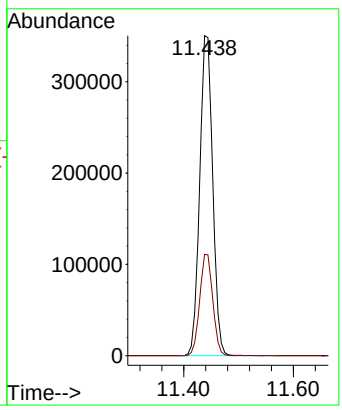




#65
Chlorobenzene
Concen: 96.070 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:112 Resp: 57610

Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.0	37.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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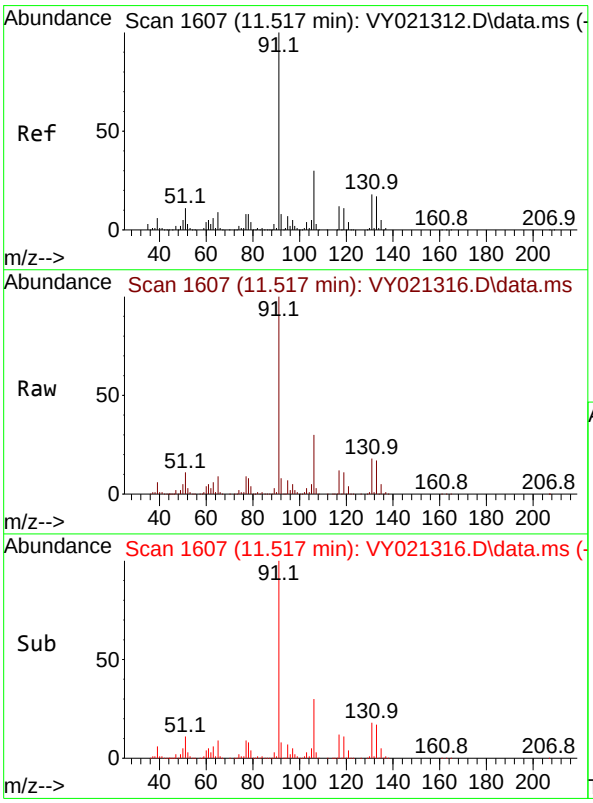
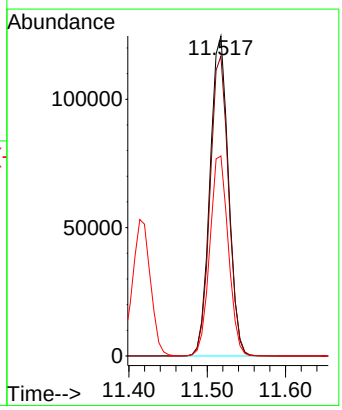
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

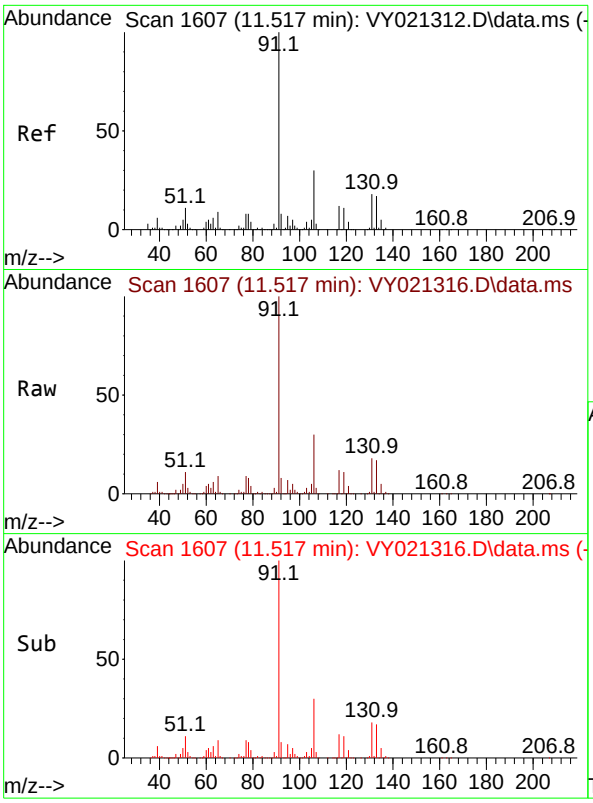


#66
1,1,1,2-Tetrachloroethane
Concen: 97.007 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:131 Resp: 203696

Ion	Ratio	Lower	Upper
131	100		
133	94.2	47.9	143.6
119	62.8	31.7	95.1

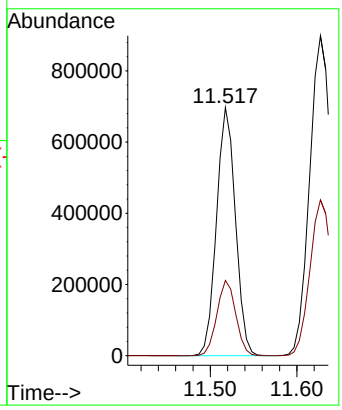




#67
Ethyl Benzene
Concen: 99.522 ug/l
RT: 11.517 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 91 Resp: 105712

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.4	36.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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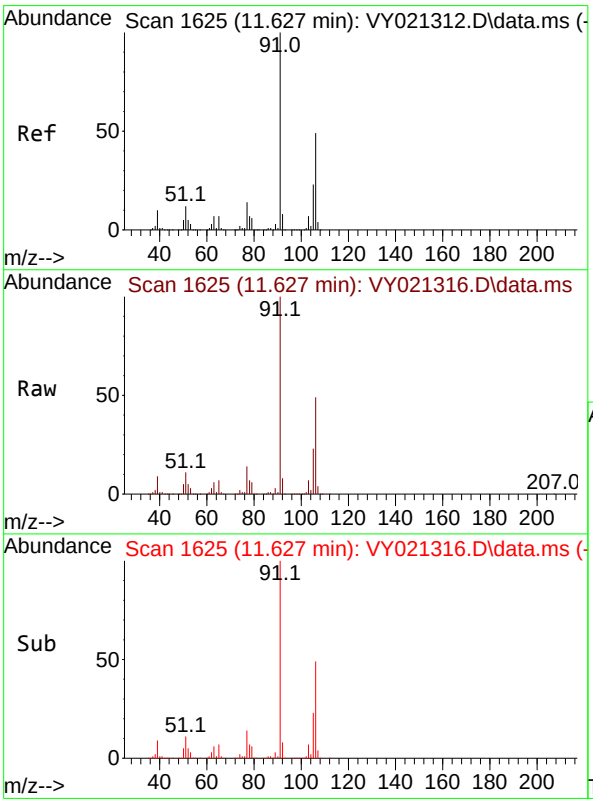
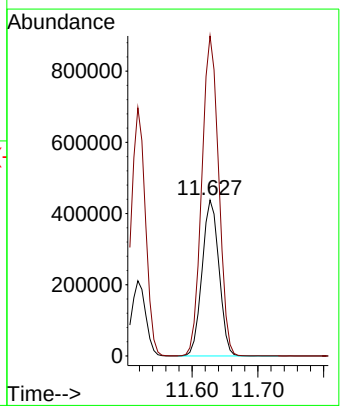
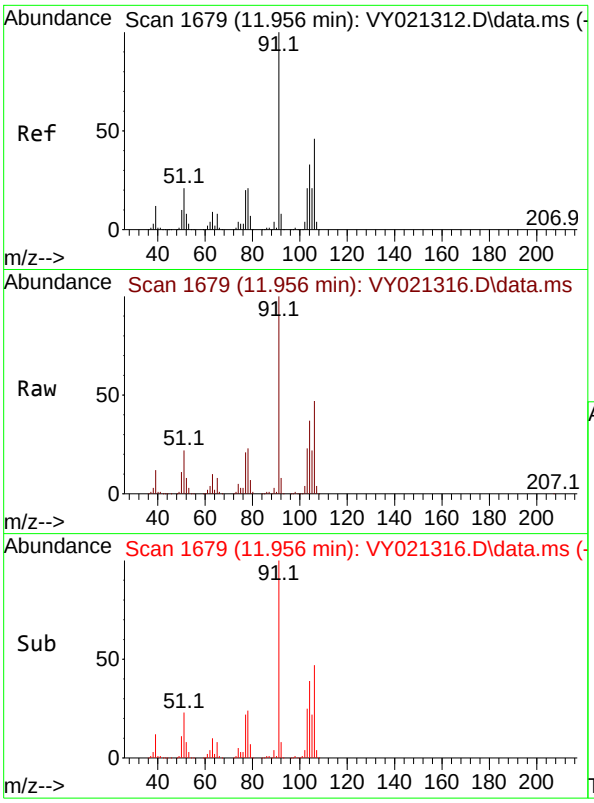


#68
m/p-Xylenes
Concen: 195.986 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:106 Resp: 783034

Ion	Ratio	Lower	Upper
106	100		
91	204.9	163.9	245.9

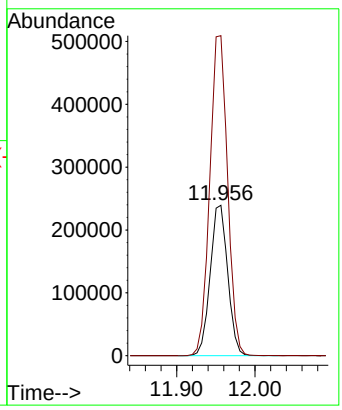




#69
o-Xylene
Concen: 99.112 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:106 Resp: 37096

Ion	Ratio	Lower	Upper
106	100		
91	216.3	108.1	324.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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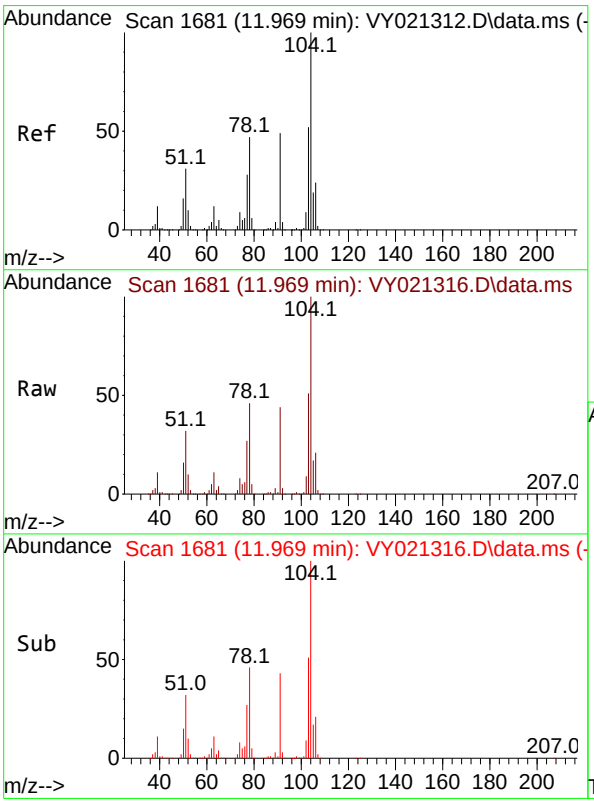
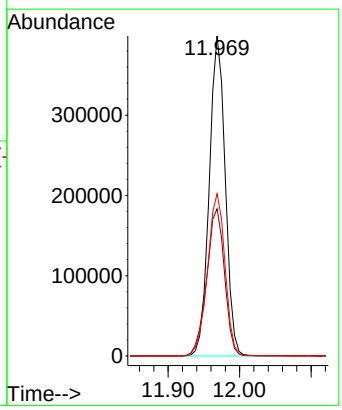
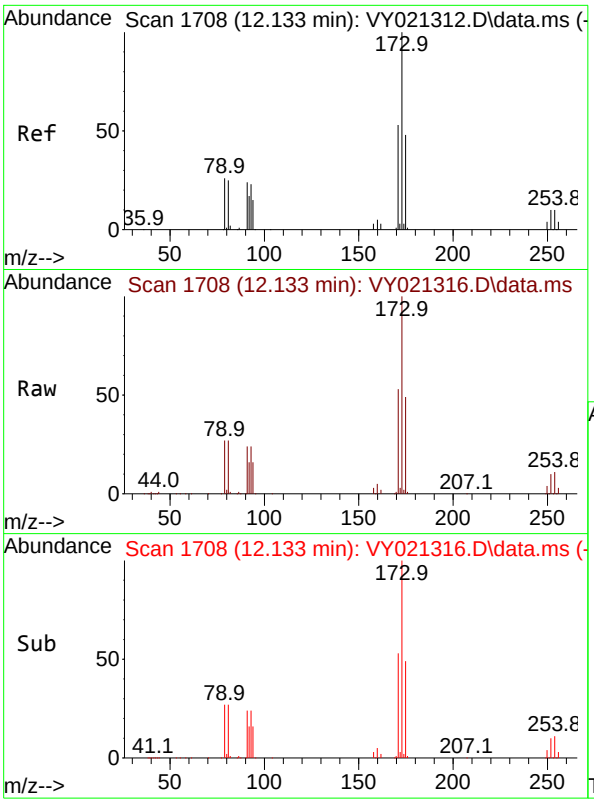


#70
Styrene
Concen: 99.469 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:104 Resp: 619437

Ion	Ratio	Lower	Upper
104	100		
78	51.3	41.3	61.9
103	55.4	43.9	65.9

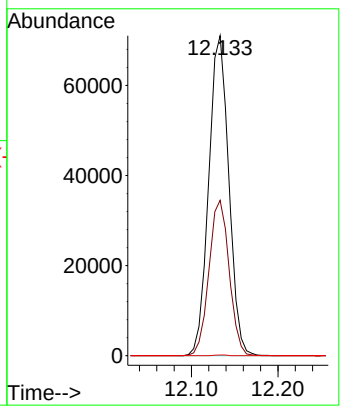




#71
Bromoform
Concen: 95.313 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:173 Resp: 11449

Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.1	72.3
254	0.1	0.1	0.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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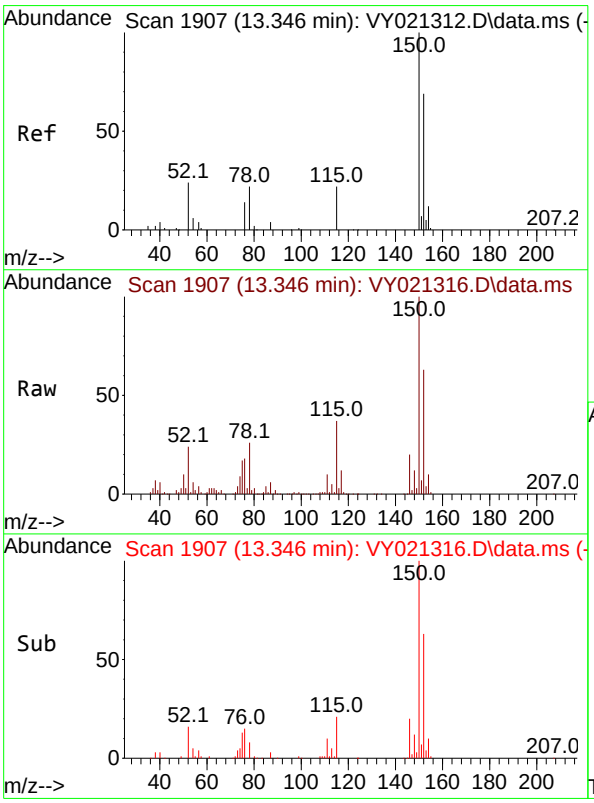
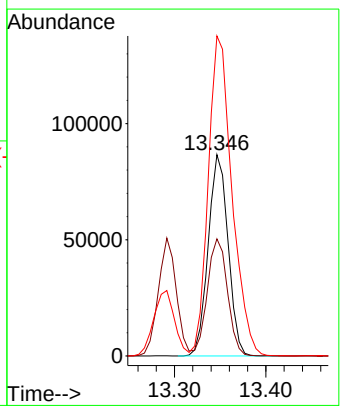
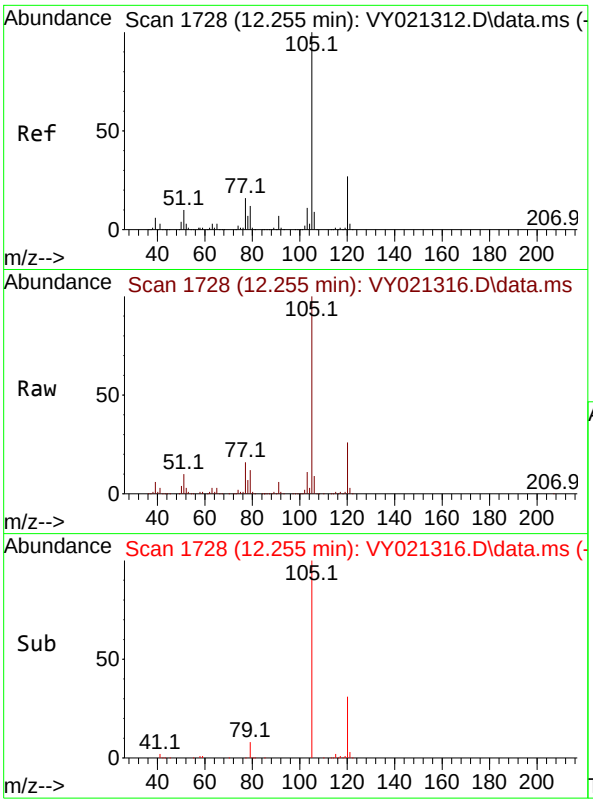


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:152 Resp: 130541

Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.3	88.0
150	190.2	0.0	347.4

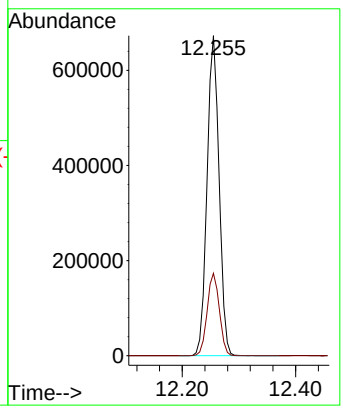




#73
Isopropylbenzene
Concen: 100.648 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:105 Resp: 98775

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.3	39.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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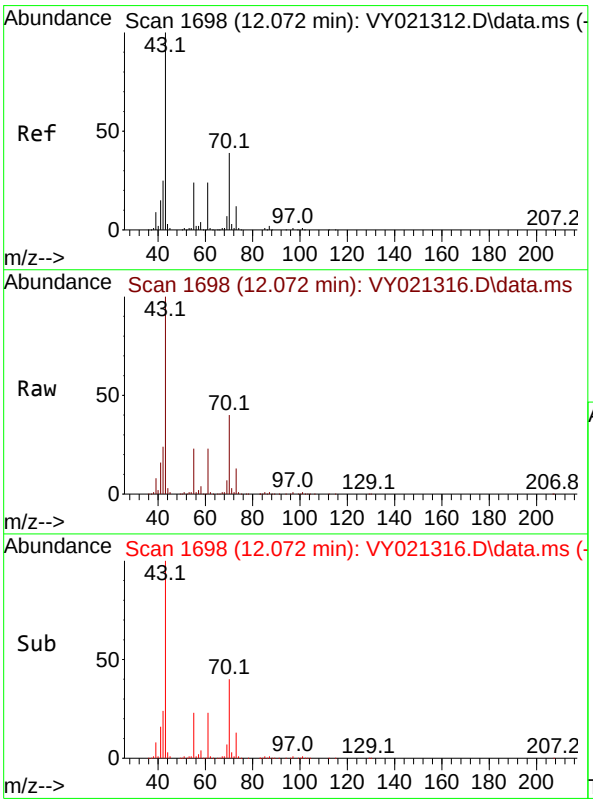
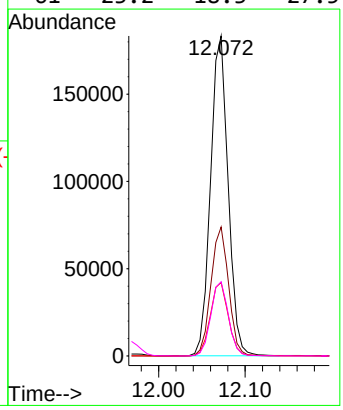
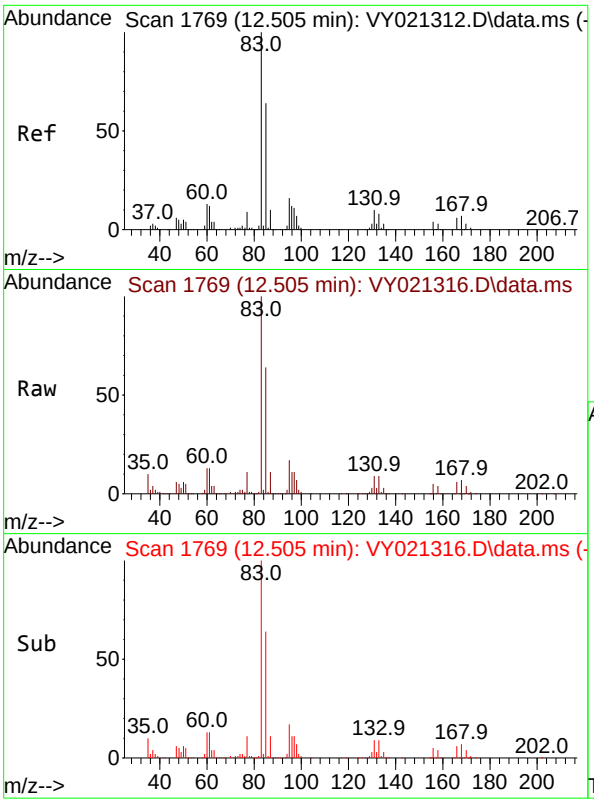


#74
N-amyl acetate
Concen: 103.658 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 43 Resp: 258576

Ion	Ratio	Lower	Upper
43	100		
70	40.6	32.2	48.2
55	23.8	19.6	29.4
61	23.2	18.3	27.5

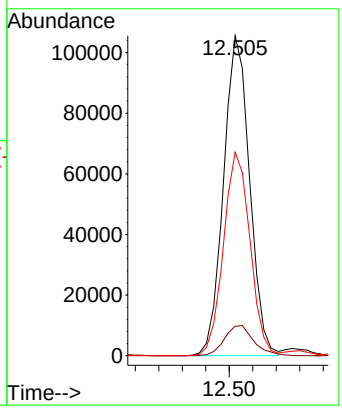




#75
1,1,2,2-Tetrachloroethane
Concen: 94.075 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 83 Resp: 16294

Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.2	15.6
85	64.6	32.0	96.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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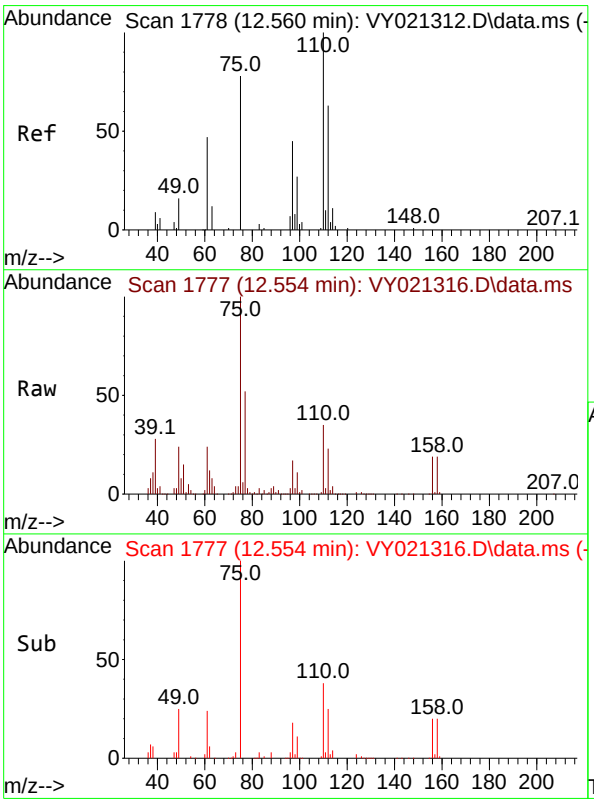
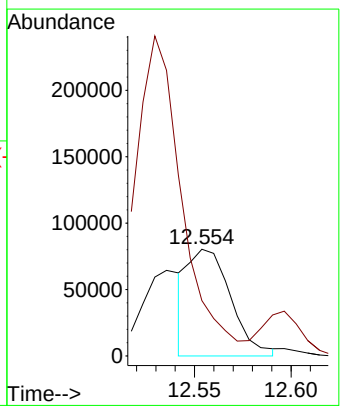
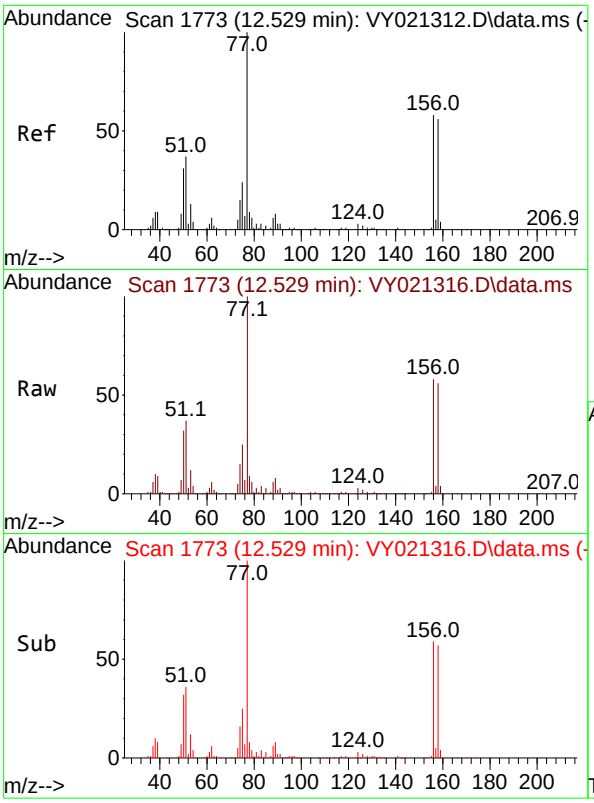


#76
1,2,3-Trichloropropane
Concen: 94.206 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 75 Resp: 123844

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

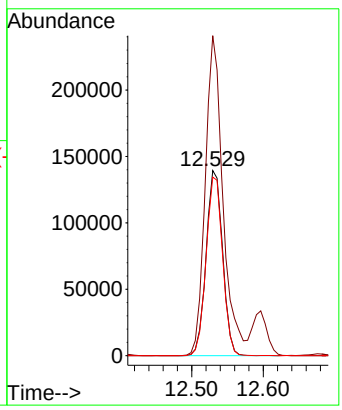




#77
Bromobenzene
Concen: 97.728 ug/l
RT: 12.529 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:156 Resp: 22308

Ion	Ratio	Lower	Upper
156	100		
77	184.2	94.0	282.1
158	96.9	48.7	146.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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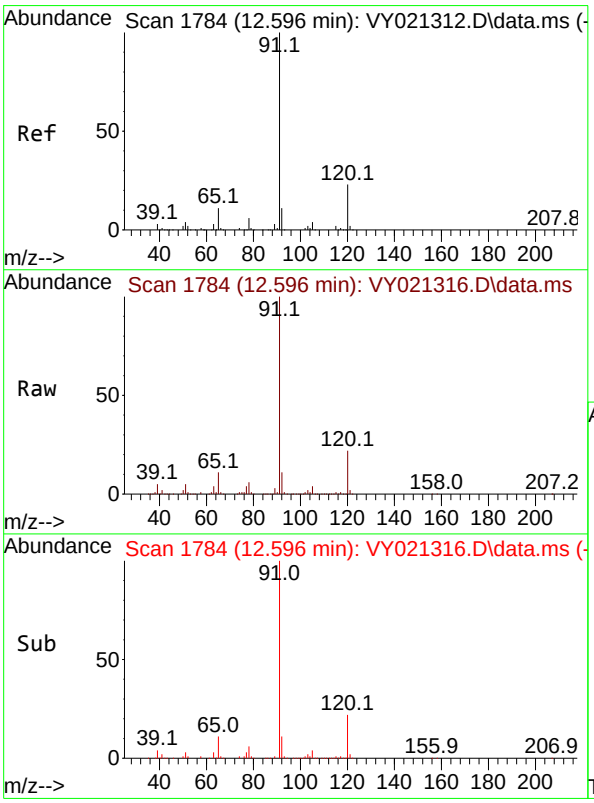
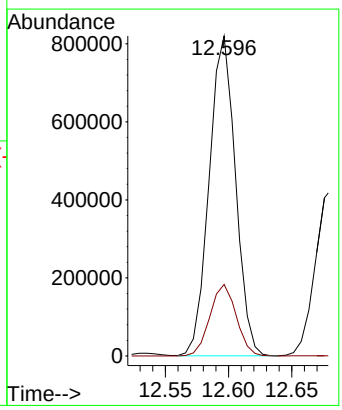
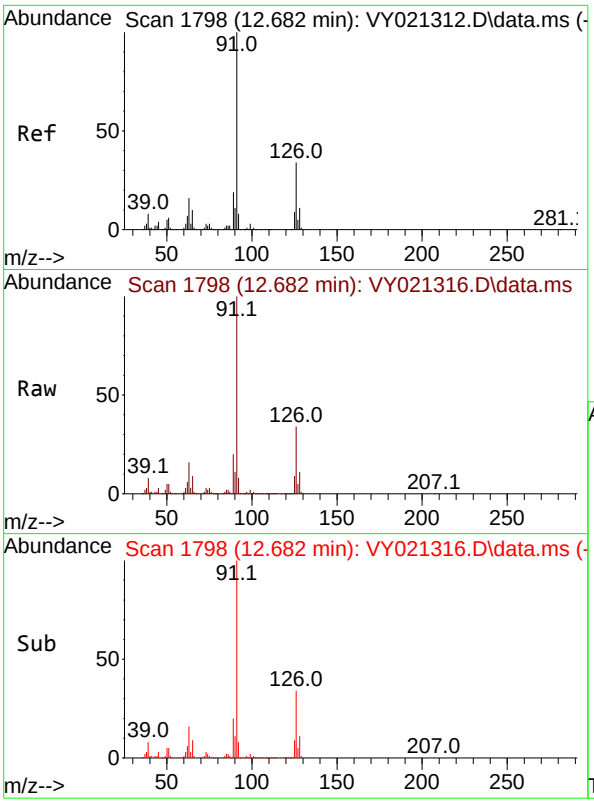


#78
n-propylbenzene
Concen: 99.651 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 91 Resp: 1186751

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.2	33.5

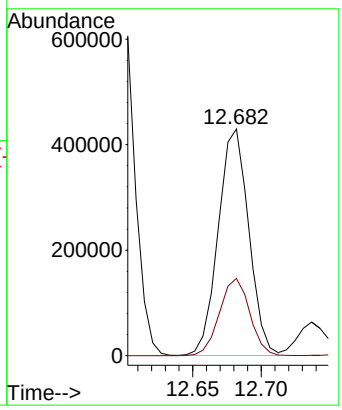




#79
2-Chlorotoluene
Concen: 97.455 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 91 Resp: 66607

Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.9	50.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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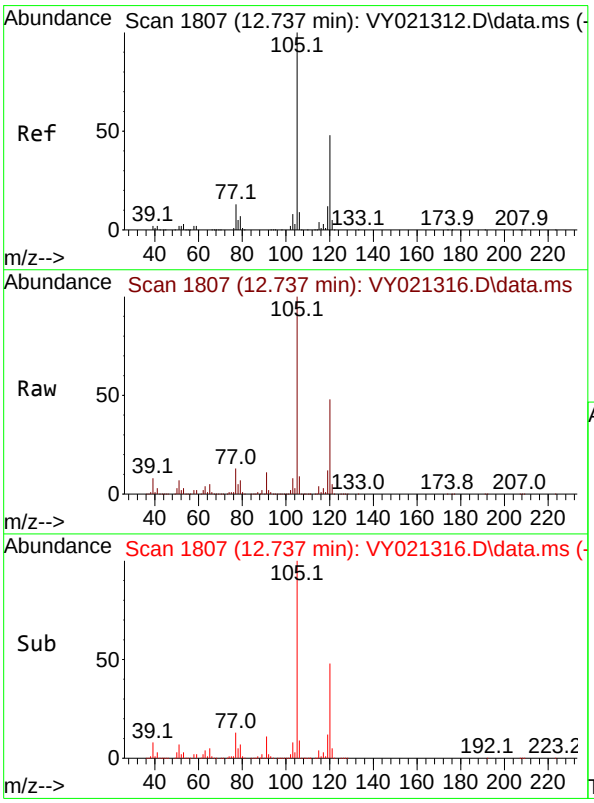
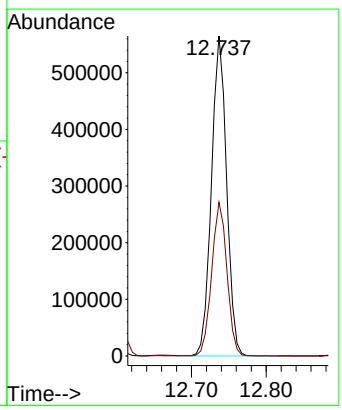
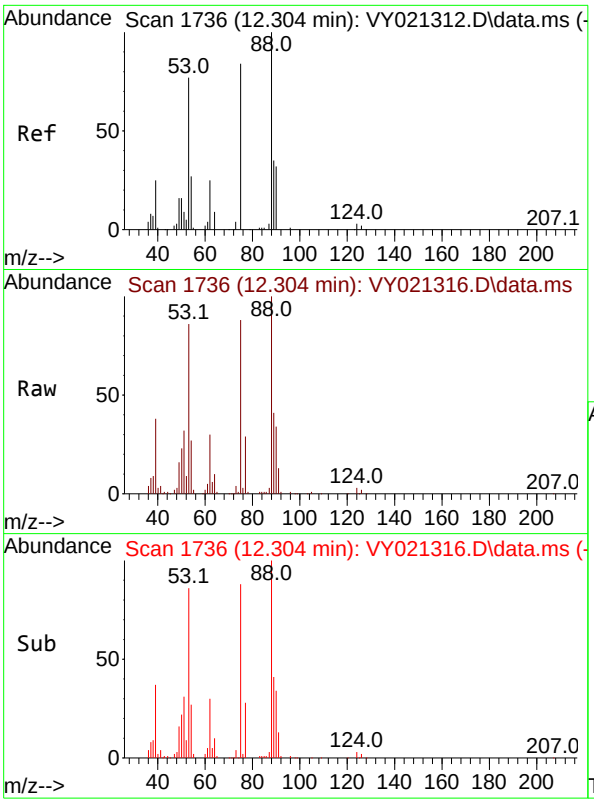


#80
1,3,5-Trimethylbenzene
Concen: 98.676 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:105 Resp: 794247

Ion	Ratio	Lower	Upper
105	100		
120	48.4	24.3	73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 100.031 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 75 Resp: 5880

Ion	Ratio	Lower	Upper
75	100		
53	99.2	79.1	118.7
89	46.7	35.6	53.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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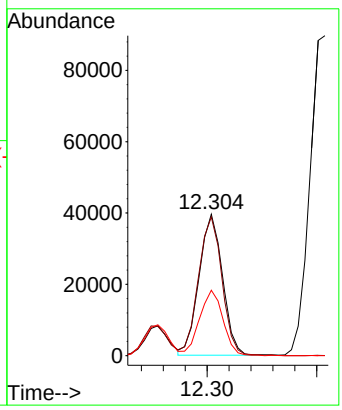
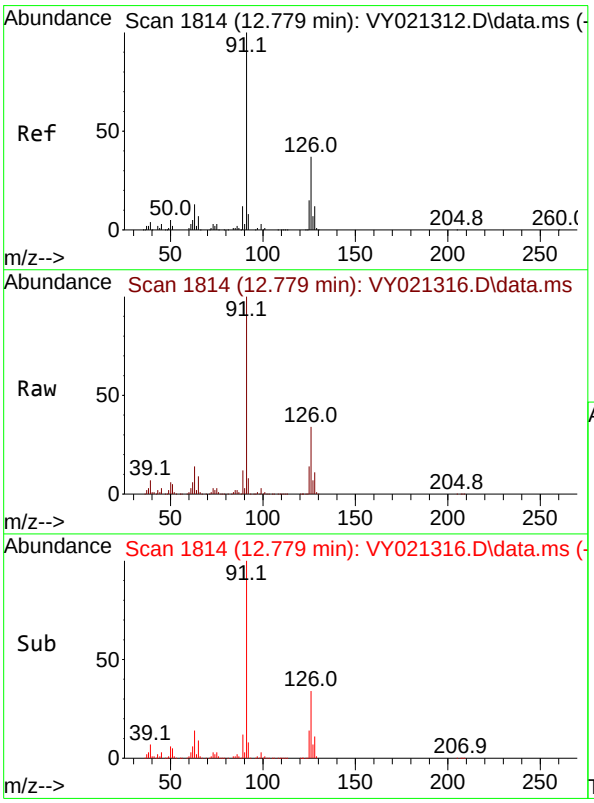
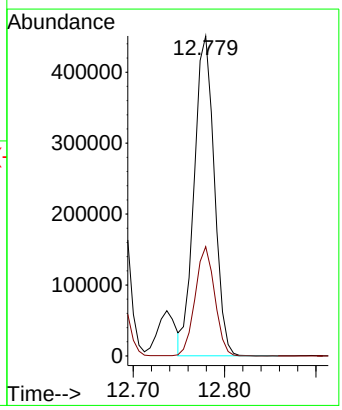


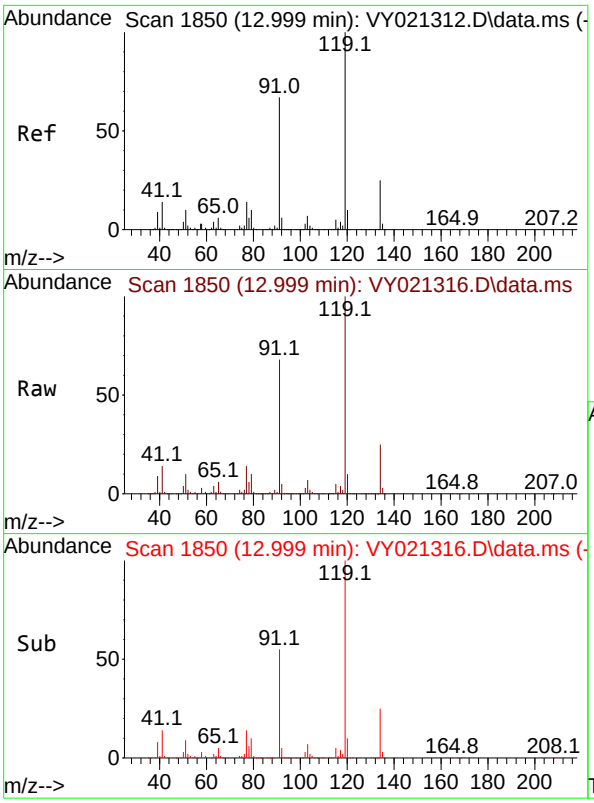


#82
4-Chlorotoluene
Concen: 97.022 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 91 Resp: 687385

Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.8	50.4

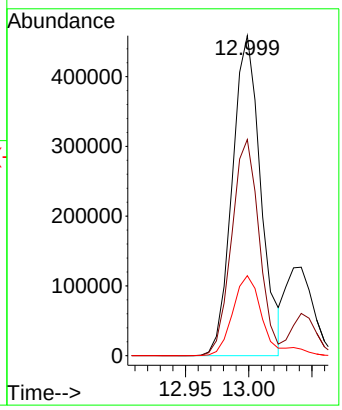




#83
tert-Butylbenzene
Concen: 99.092 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:119 Resp: 72048

Ion	Ratio	Lower	Upper
119	100		
91	65.1	32.7	98.1
134	26.5	13.3	39.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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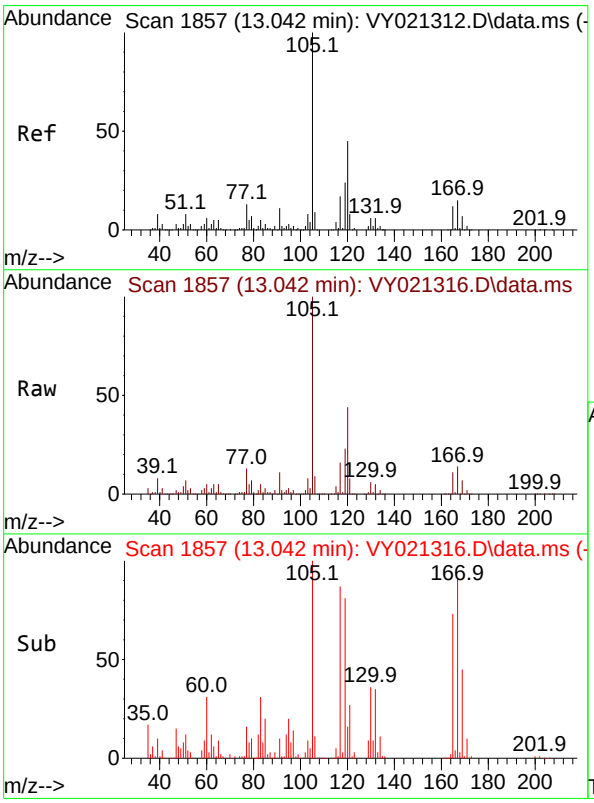
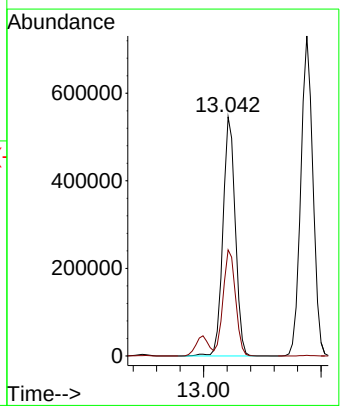
Supervised By :Mahesh Dadoda 02/26/2025

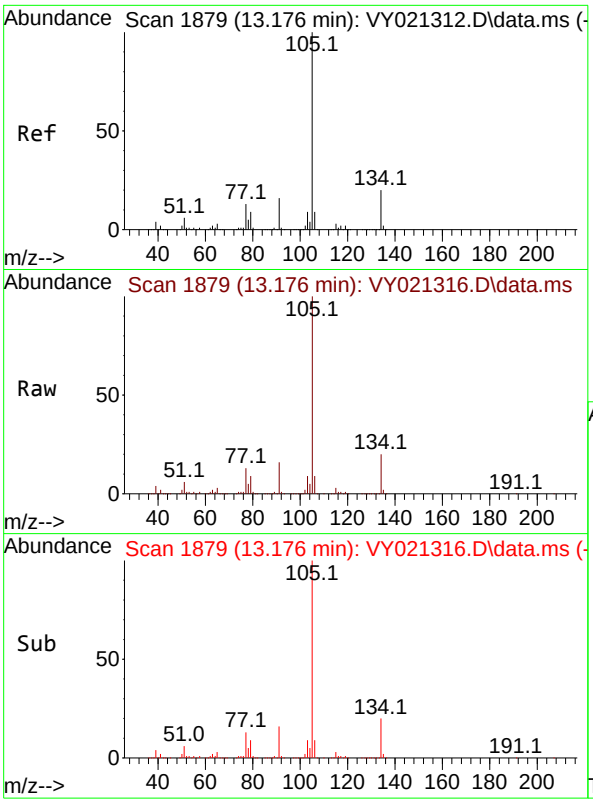


#84
1,2,4-Trimethylbenzene
Concen: 99.415 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:105 Resp: 795840

Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.4	67.3

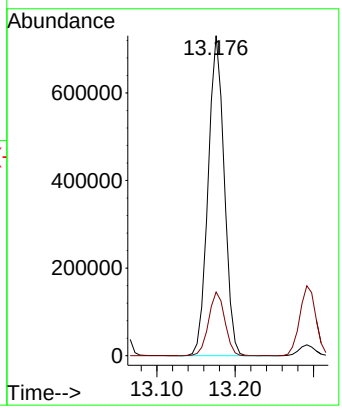




#85
sec-Butylbenzene
Concen: 98.021 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:105 Resp: 104102

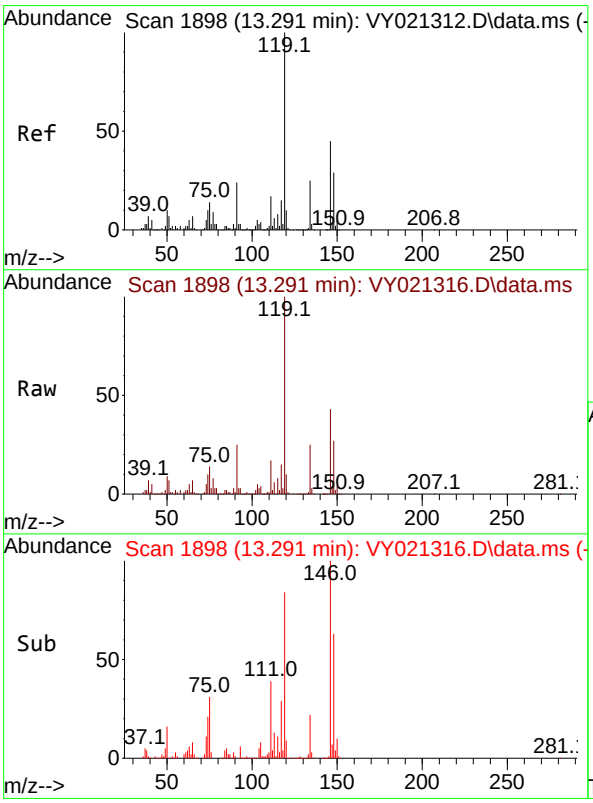
Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.0	30.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

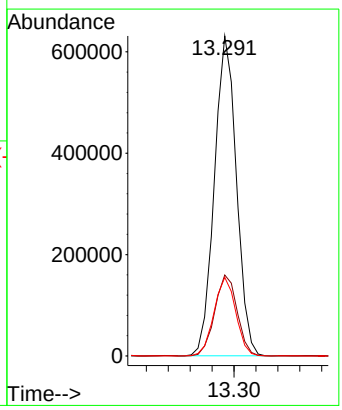
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

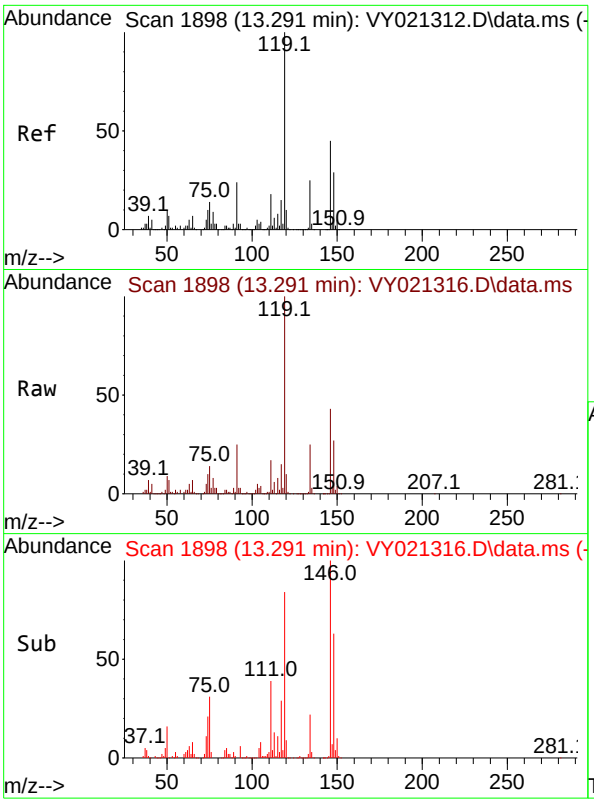


#86
p-Isopropyltoluene
Concen: 99.431 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:119 Resp: 881757

Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.0	38.9
91	24.3	12.0	36.1

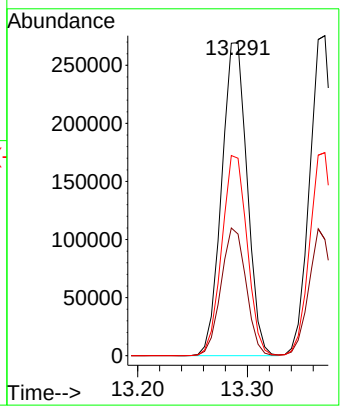




#87
1,3-Dichlorobenzene
Concen: 96.445 ug/l
RT: 13.291 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:146 Resp: 43548

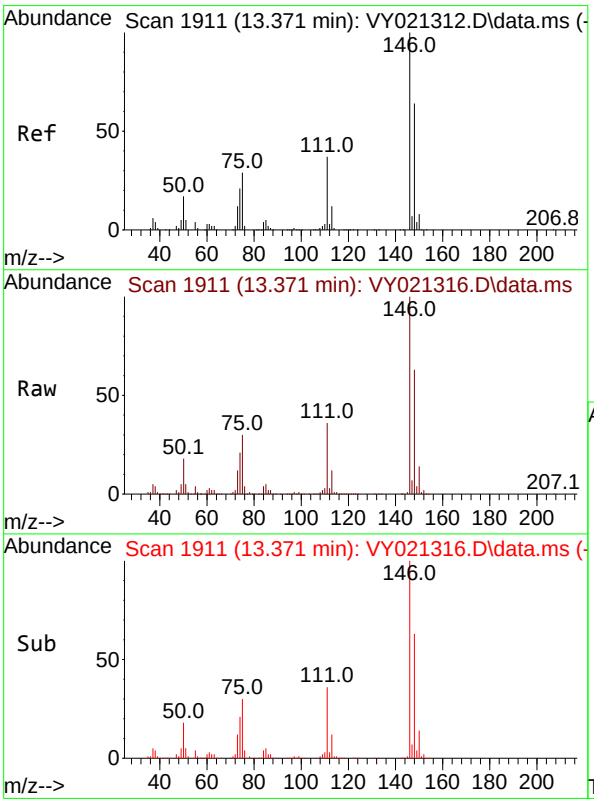
Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.0	59.9
148	63.6	31.9	95.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

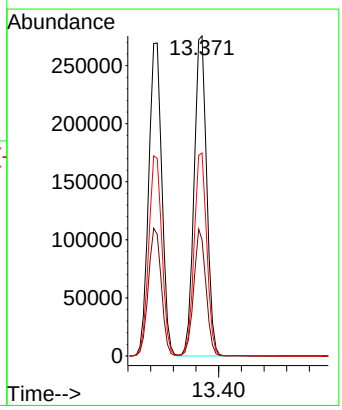
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

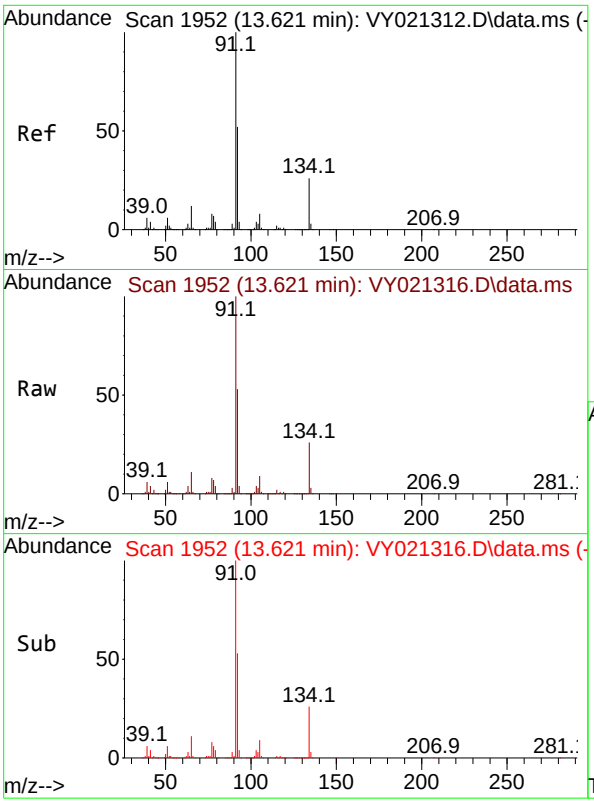


#88
1,4-Dichlorobenzene
Concen: 95.343 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:146 Resp: 425301

Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.5	58.5
148	63.7	32.0	96.2

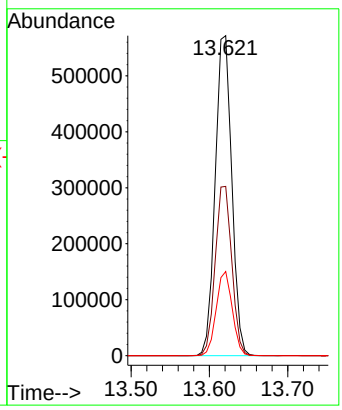




#89
n-Butylbenzene
Concen: 100.683 ug/l
RT: 13.621 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 91 Resp: 84023

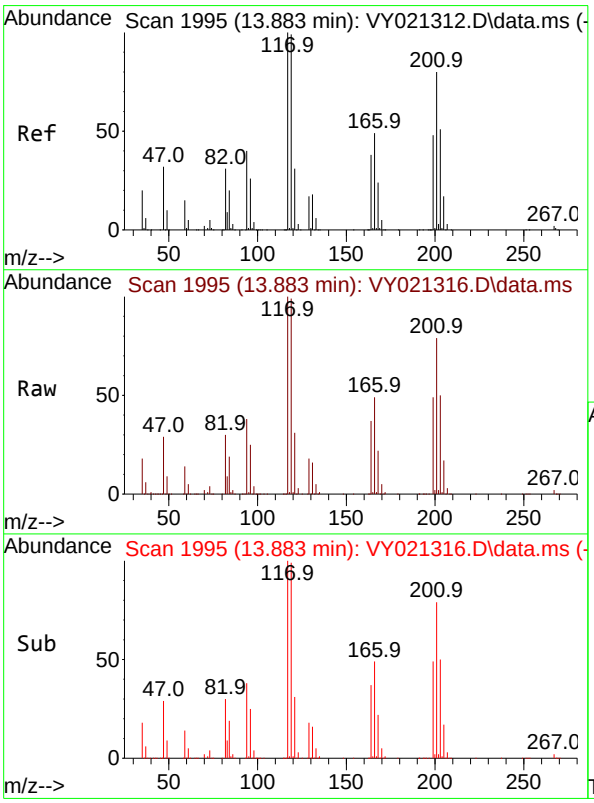
Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.4	79.2
134	25.5	12.7	38.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

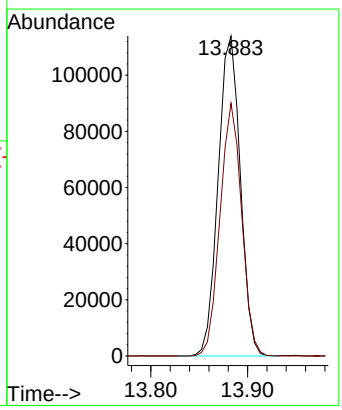
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

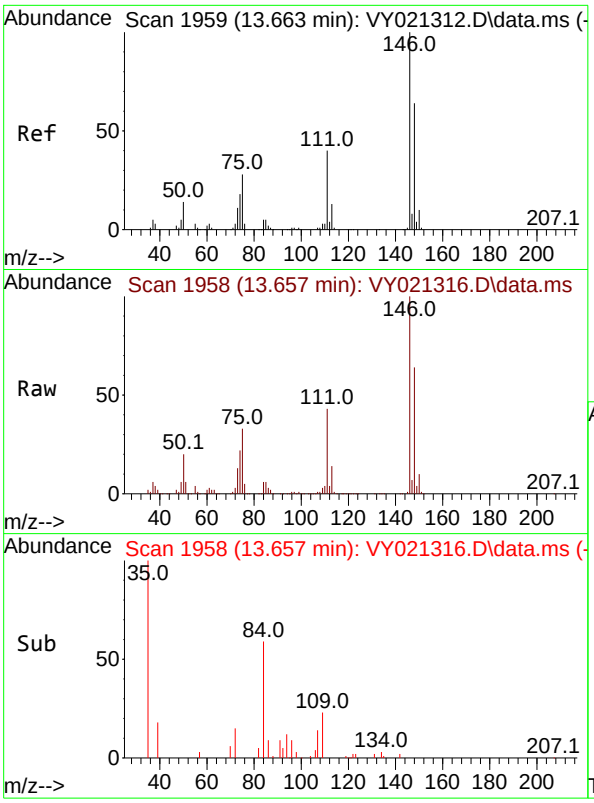


#90
Hexachloroethane
Concen: 97.720 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:117 Resp: 181015

Ion	Ratio	Lower	Upper
117	100		
201	77.1	38.4	115.2

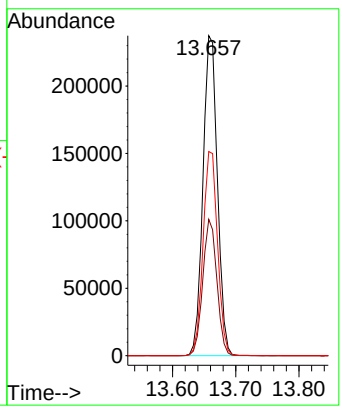




#91
1,2-Dichlorobenzene
Concen: 95.410 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:146 Resp: 37745

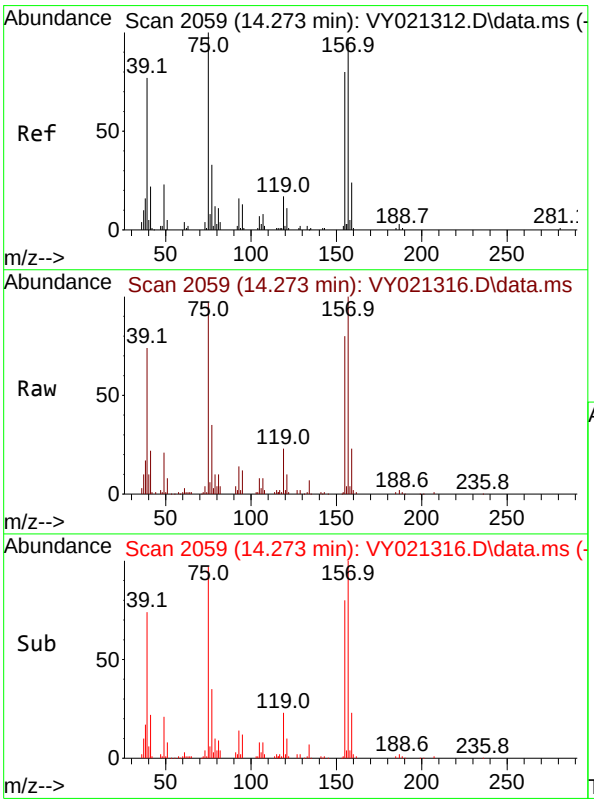
Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.7	62.1
148	64.1	31.7	95.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

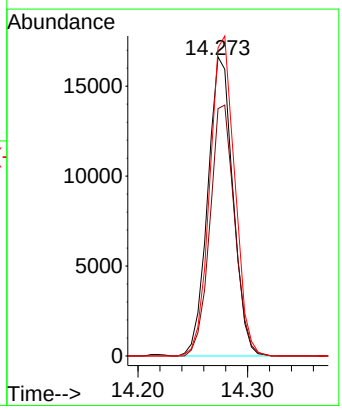
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

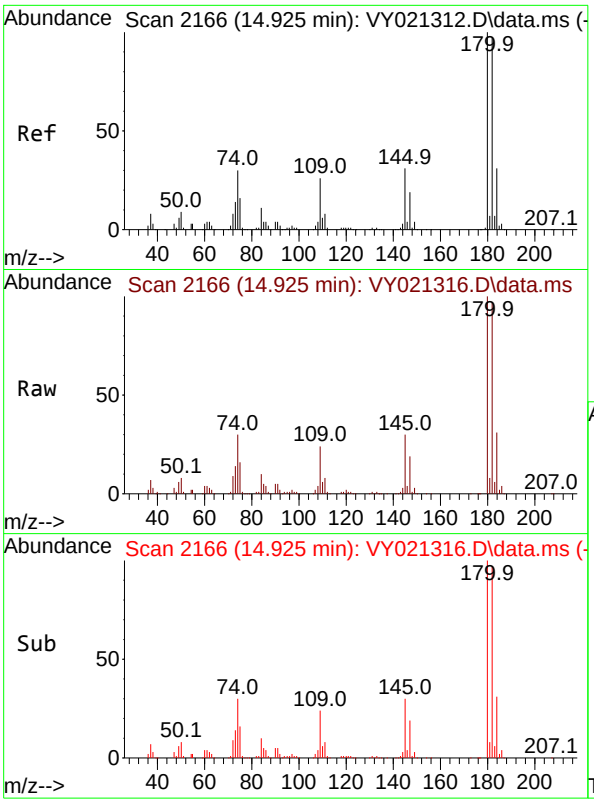


#92
1,2-Dibromo-3-Chloropropane
Concen: 96.867 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 75 Resp: 26541

Ion	Ratio	Lower	Upper
75	100		
155	82.1	41.9	125.6
157	105.5	52.5	157.6

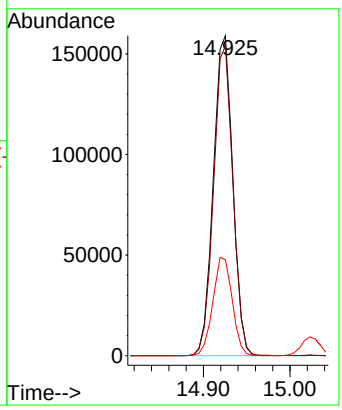




#93
1,2,4-Trichlorobenzene
Concen: 102.770 ug/l
RT: 14.925 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:180 Resp: 24814

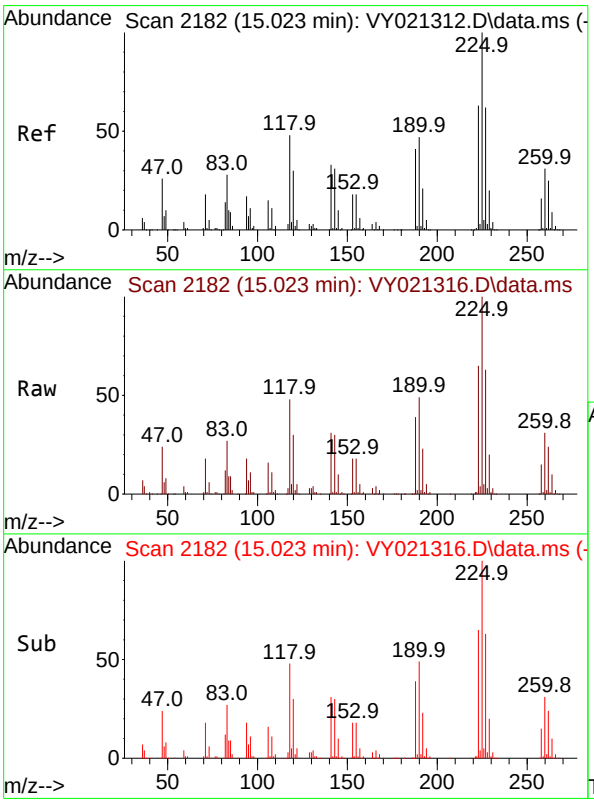
Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.7
145	30.6	15.6	46.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

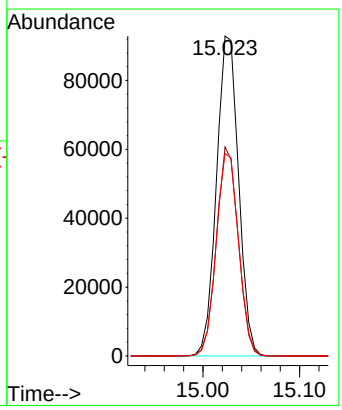
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

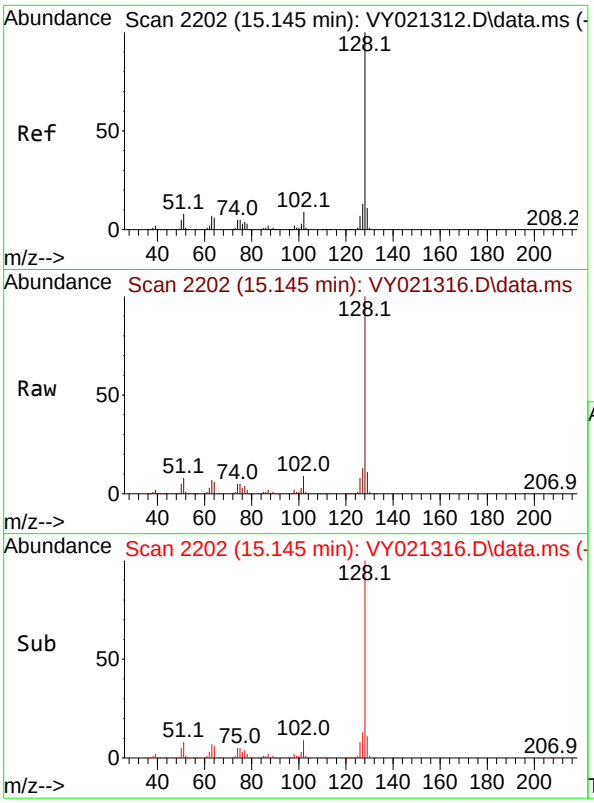


#94
Hexachlorobutadiene
Concen: 96.770 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:225 Resp: 147103

Ion	Ratio	Lower	Upper
225	100		
223	64.4	31.8	95.4
227	64.4	31.9	95.7

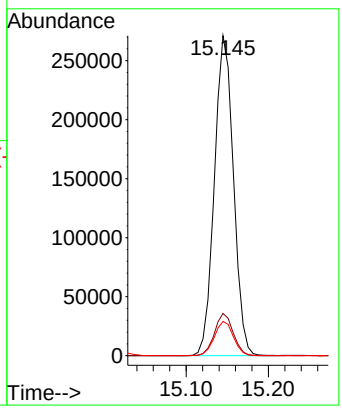




#95
Naphthalene
Concen: 109.220 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:128 Resp: 43681

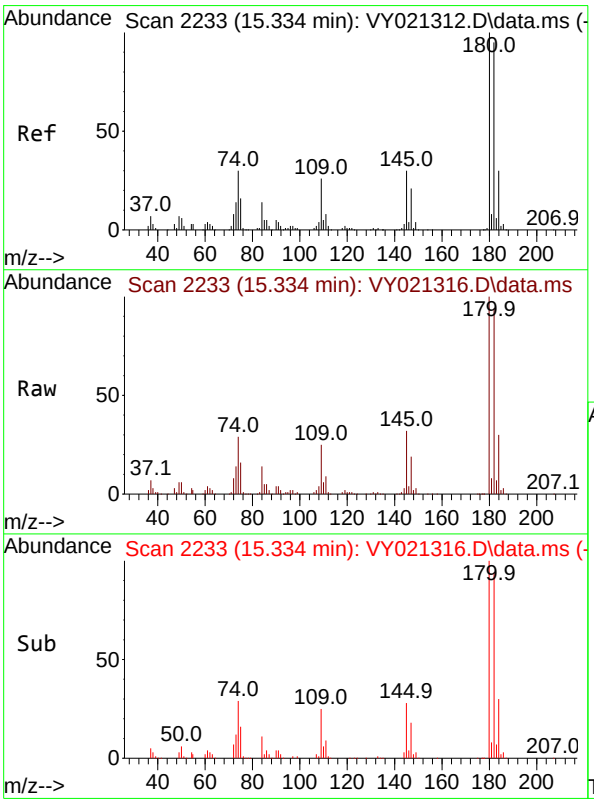
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.7	8.5	12.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

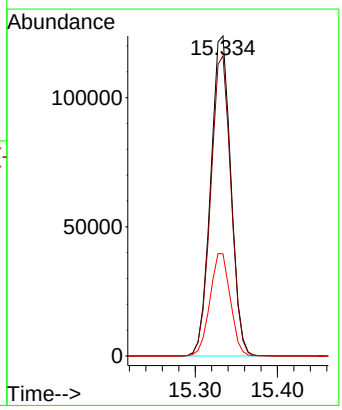
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 103.581 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:180 Resp: 211313

Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.3	144.9
145	32.3	16.1	48.3



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021317.D
Acq On : 25 Feb 2025 17:31
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Manual Integrations APPROVED
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

Quant Time: Feb 26 03:42:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	183832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	292214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	257123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	126299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	98960	47.453	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 94.900%			
35) Dibromofluoromethane	7.634	113	93944	49.037	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.080%			
50) Toluene-d8	10.109	98	360528	48.694	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.380%			
62) 4-Bromofluorobenzene	12.408	95	120972	48.549	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	93894	53.871	ug/l	98
3) Chloromethane	2.068	50	120479	53.523	ug/l	100
4) Vinyl Chloride	2.202	62	121922	55.184	ug/l	98
5) Bromomethane	2.598	94	77054	52.483	ug/l	100
6) Chloroethane	2.732	64	75086	54.804	ug/l	99
7) Trichlorofluoromethane	3.062	101	178123	53.384	ug/l	94
8) Diethyl Ether	3.458	74	54929	54.849	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	104678	54.188	ug/l	98
10) Methyl Iodide	4.007	142	124707	61.361	ug/l	100
11) Tert butyl alcohol	4.848	59	35572	221.762	ug/l	100
12) 1,1-Dichloroethene	3.793	96	100075	54.104	ug/l	98
13) Acrolein	3.653	56	6337	51.554	ug/l	95
14) Allyl chloride	4.385	41	181554	55.361	ug/l	99
15) Acrylonitrile	5.055	53	118343	267.274	ug/l	99
16) Acetone	3.866	43	90886	227.197	ug/l	99
17) Carbon Disulfide	4.104	76	335241	54.581	ug/l	100
18) Methyl Acetate	4.385	43	51200	52.372	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	265419	54.311	ug/l	97
20) Methylene Chloride	4.616	84	110456	51.062	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	112082	55.044	ug/l	99
22) Diisopropyl ether	6.018	45	377281	55.595	ug/l	99
23) Vinyl Acetate	5.957	43	1116005	275.197	ug/l	100
24) 1,1-Dichloroethane	5.915	63	210383	55.004	ug/l	99
25) 2-Butanone	6.890	43	152895	253.246	ug/l	97
26) 2,2-Dichloropropane	6.884	77	187045	53.893	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	130921	56.305	ug/l	98
28) Bromochloromethane	7.244	49	80309	47.452	ug/l	99
29) Tetrahydrofuran	7.262	42	102673	260.172	ug/l	99
30) Chloroform	7.421	83	213255	55.023	ug/l	98
31) Cyclohexane	7.701	56	191850	52.180	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	194325	55.084	ug/l	98
36) 1,1-Dichloropropene	7.835	75	157102	54.593	ug/l	100
37) Ethyl Acetate	6.982	43	72810	50.864	ug/l	99
38) Carbon Tetrachloride	7.817	117	175208	54.157	ug/l	99
39) Methylcyclohexane	9.109	83	197993	54.397	ug/l	99
40) Benzene	8.079	78	464323	54.583	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021317.D
Acq On : 25 Feb 2025 17:31
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 26 03:42:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.219	41	39412	49.244	ug/l		96
42) 1,2-Dichloroethane	8.158	62	129718	53.746	ug/l		100
43) Isopropyl Acetate	8.195	43	145128	52.380	ug/l	#	87
44) Trichloroethene	8.865	130	116988	54.930	ug/l		100
45) 1,2-Dichloropropane	9.140	63	111498	54.464	ug/l		99
46) Dibromomethane	9.231	93	61031	54.539	ug/l		99
47) Bromodichloromethane	9.420	83	162580	54.489	ug/l		98
48) Methyl methacrylate	9.219	41	71360	55.076	ug/l		99
49) 1,4-Dioxane	9.225	88	13103	1053.076	ug/l		94
51) 4-Methyl-2-Pentanone	9.999	43	372486	262.628	ug/l		100
52) Toluene	10.170	92	294219	55.674	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	152263	55.699	ug/l		100
54) cis-1,3-Dichloropropene	9.853	75	178951	55.451	ug/l		99
55) 1,1,2-Trichloroethane	10.572	97	77645	53.263	ug/l		98
56) Ethyl methacrylate	10.438	69	112155	55.679	ug/l		99
57) 1,3-Dichloropropane	10.719	76	139257	54.438	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	221395	228.990	ug/l		100
59) 2-Hexanone	10.761	43	246032	264.133	ug/l		99
60) Dibromochloromethane	10.914	129	107866	54.329	ug/l		100
61) 1,2-Dibromoethane	11.018	107	74447	53.942	ug/l		98
64) Tetrachloroethene	10.646	164	102887	52.940	ug/l		95
65) Chlorobenzene	11.444	112	314040	54.410	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.517	131	110179	54.517	ug/l		99
67) Ethyl Benzene	11.517	91	572425	55.992	ug/l		99
68) m/p-Xylenes	11.627	106	427892	111.274	ug/l		99
69) o-Xylene	11.956	106	202123	56.108	ug/l		99
70) Styrene	11.969	104	337489	56.307	ug/l		99
71) Bromoform	12.133	173	61959	53.590	ug/l	#	100
73) Isopropylbenzene	12.255	105	540978	56.974	ug/l		99
74) N-amyl acetate	12.072	43	133968	55.509	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.511	83	89240	53.254	ug/l		99
76) 1,2,3-Trichloropropane	12.560	75	56345m	44.570	ug/l		
77) Bromobenzene	12.536	156	122121	55.296	ug/l		98
78) n-propylbenzene	12.597	91	654255	56.783	ug/l		100
79) 2-Chlorotoluene	12.682	91	369065	55.813	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	440379	56.549	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	30268	53.216	ug/l		96
82) 4-Chlorotoluene	12.779	91	375340	54.757	ug/l		100
83) tert-Butylbenzene	12.999	119	393228	55.900	ug/l		99
84) 1,2,4-Trimethylbenzene	13.048	105	438538	56.621	ug/l		100
85) sec-Butylbenzene	13.176	105	571874	55.655	ug/l		99
86) p-Isopropyltoluene	13.292	119	484140	56.427	ug/l		100
87) 1,3-Dichlorobenzene	13.292	146	239404	54.800	ug/l		100
88) 1,4-Dichlorobenzene	13.371	146	233477	54.098	ug/l		99
89) n-Butylbenzene	13.621	91	459065	56.856	ug/l		100
90) Hexachloroethane	13.883	117	98634	55.035	ug/l		99
91) 1,2-Dichlorobenzene	13.663	146	208776	54.545	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	13821	52.137	ug/l		98
93) 1,2,4-Trichlorobenzene	14.925	180	132464	56.703	ug/l		99
94) Hexachlorobutadiene	15.029	225	78745	53.541	ug/l		99
95) Naphthalene	15.151	128	222839	57.589	ug/l		100
96) 1,2,3-Trichlorobenzene	15.334	180	112466	56.980	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021317.D
Acq On : 25 Feb 2025 17:31
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

Quant Time: Feb 26 03:42:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021317.D
Acq On : 25 Feb 2025 17:31
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 26 03:42:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Manual Integrations APPROVED

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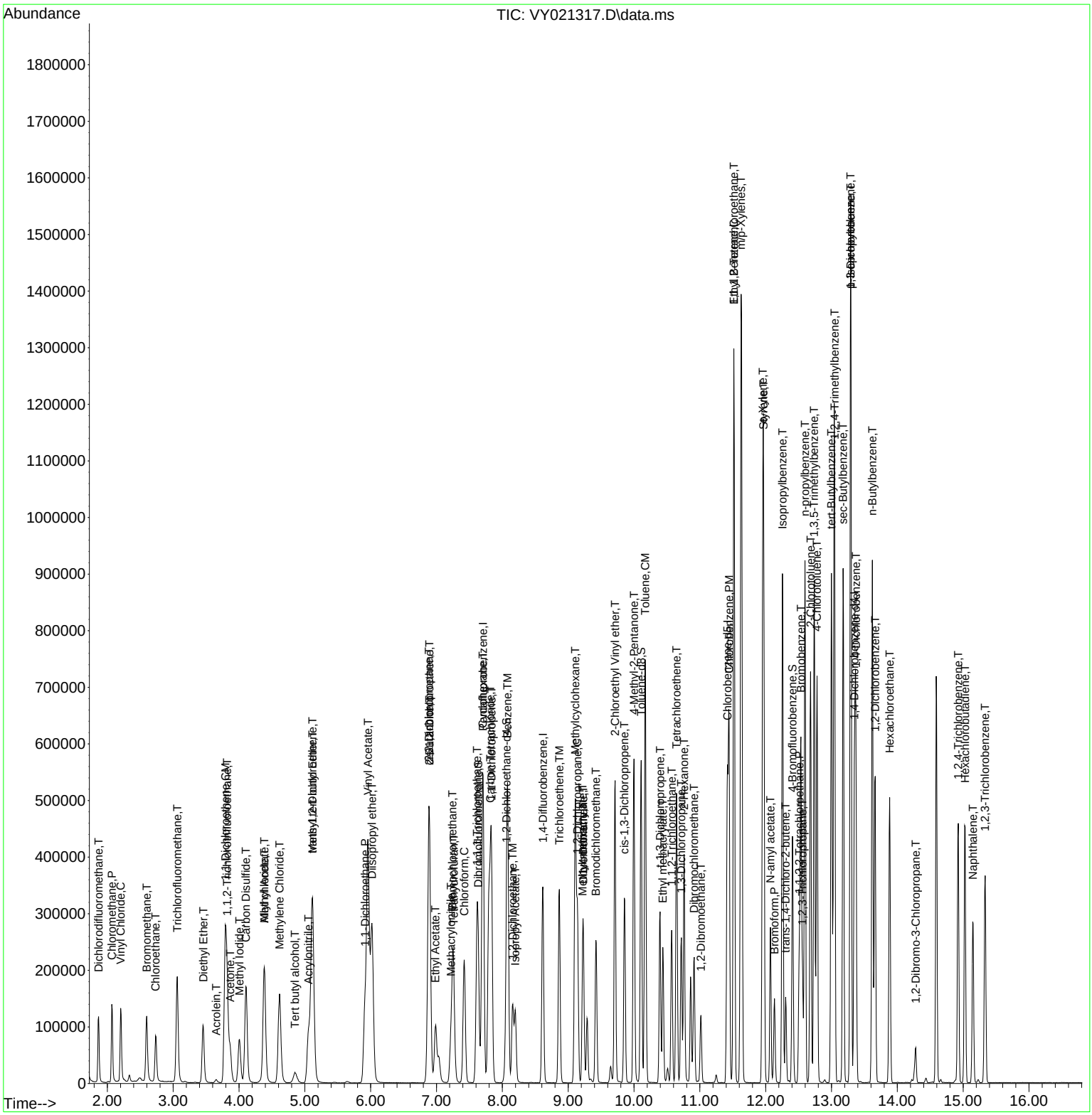
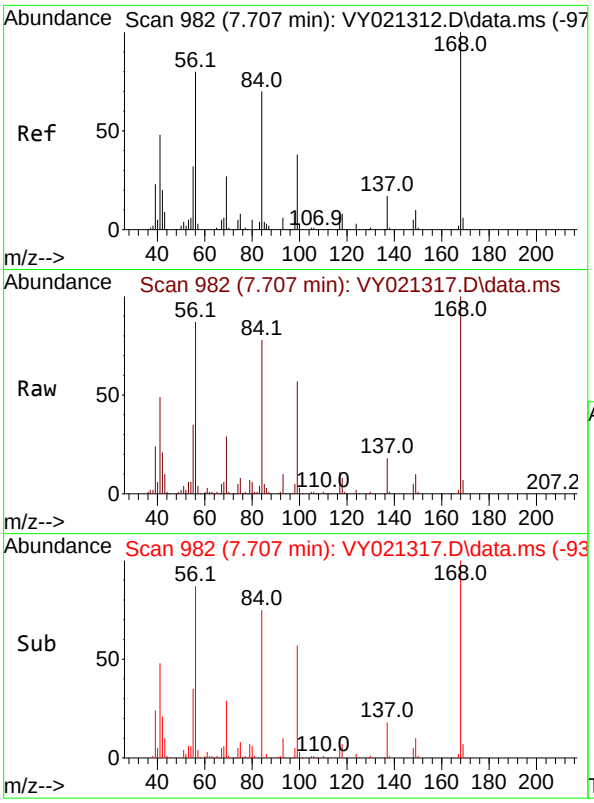
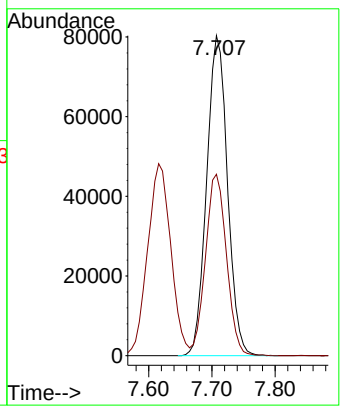




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:168 Resp: 18383

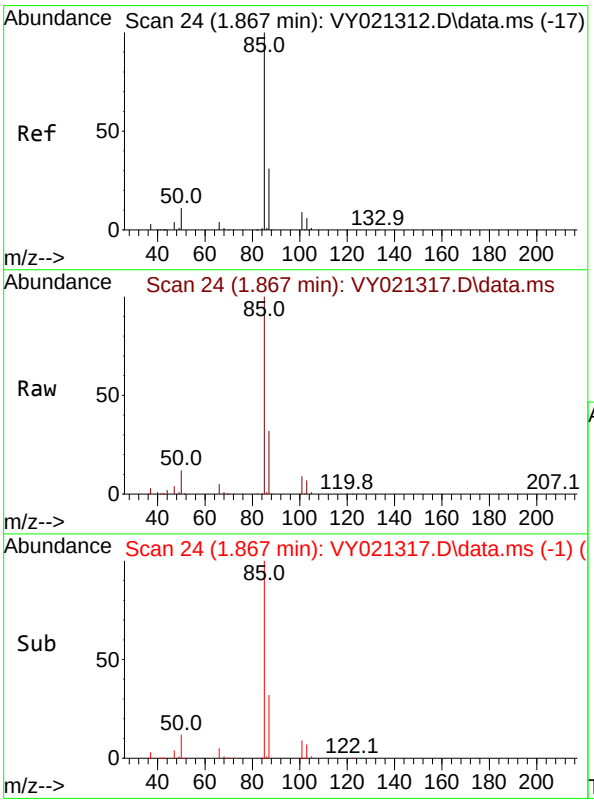
Ion	Ratio	Lower	Upper
168	100		
99	56.7	47.1	70.7



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Manual Integrations APPROVED

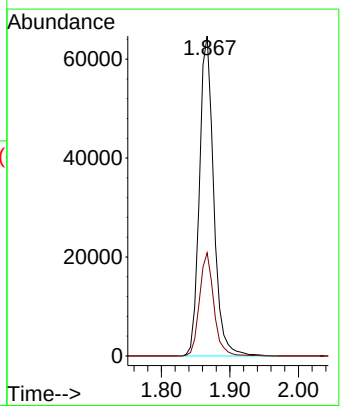
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

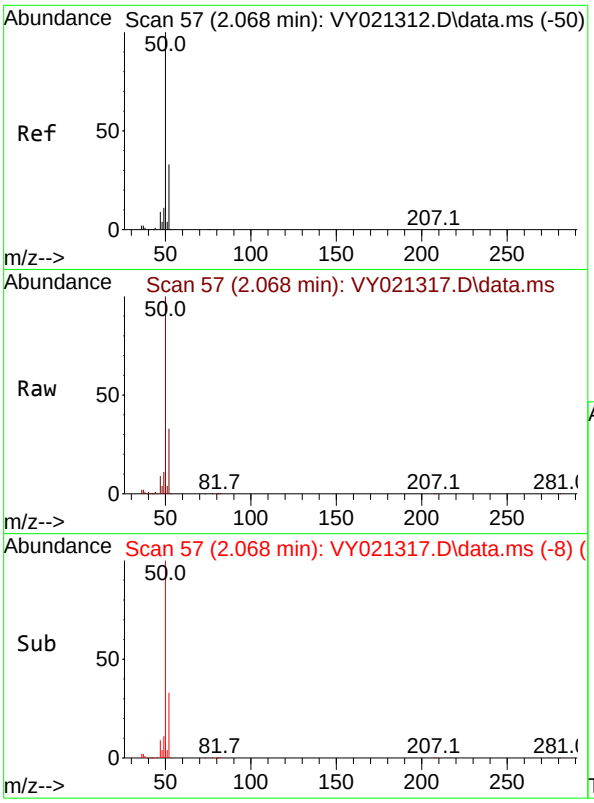


#2
Dichlorodifluoromethane
Concen: 53.871 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 85 Resp: 93894

Ion	Ratio	Lower	Upper
85	100		
87	32.3	15.4	46.4

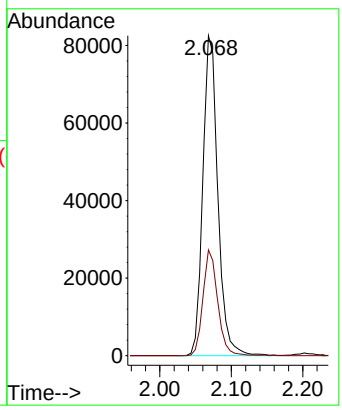




#3
Chloromethane
Concen: 53.523 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 50 Resp: 12047

Ion	Ratio	Lower	Upper
50	100		
52	33.0	26.6	40.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Manual Integrations
APPROVED

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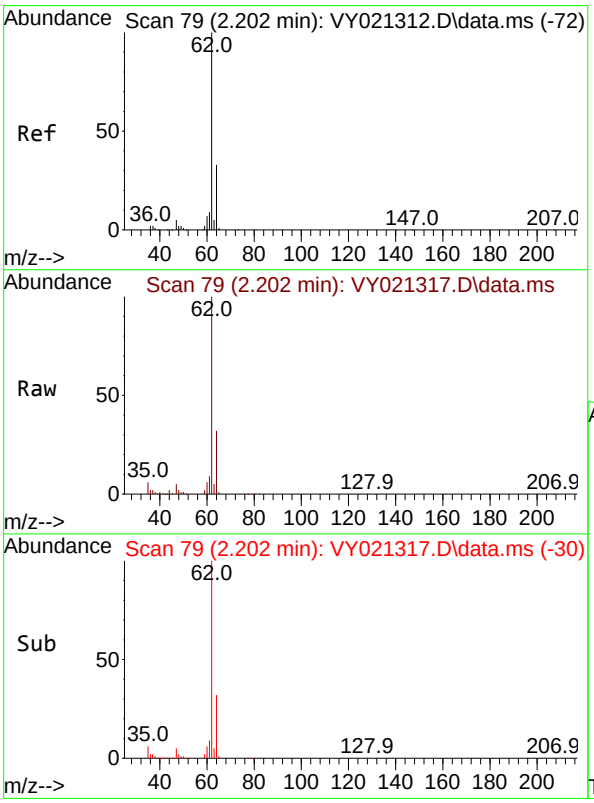
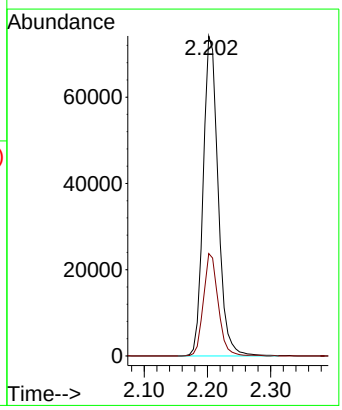
Supervised By :Mahesh Dadoda 02/26/2025

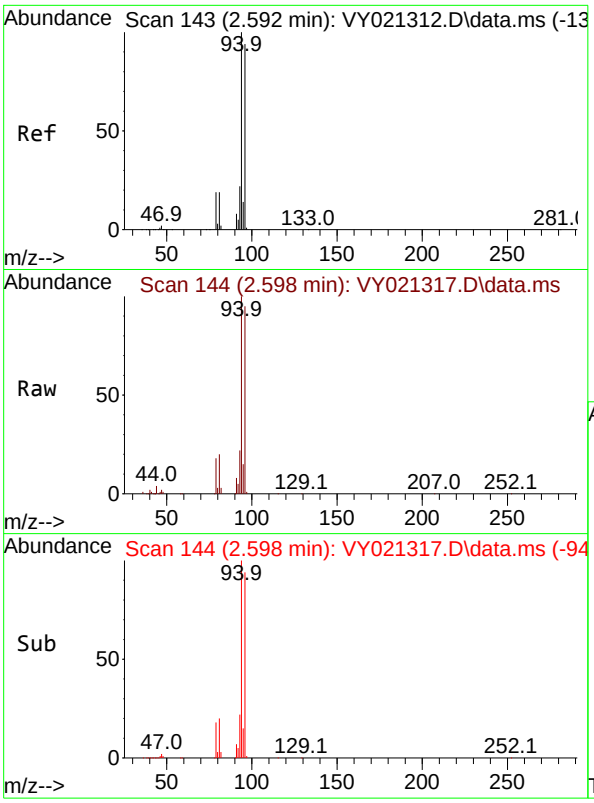


#4
Vinyl Chloride
Concen: 55.184 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 62 Resp: 121922

Ion	Ratio	Lower	Upper
62	100		
64	32.0	26.3	39.5

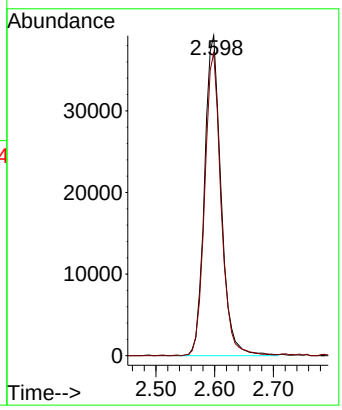




#5
Bromomethane
Concen: 52.483 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 94 Resp: 7705

Ion	Ratio	Lower	Upper
94	100		
96	94.4	75.2	112.8



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Manual Integrations
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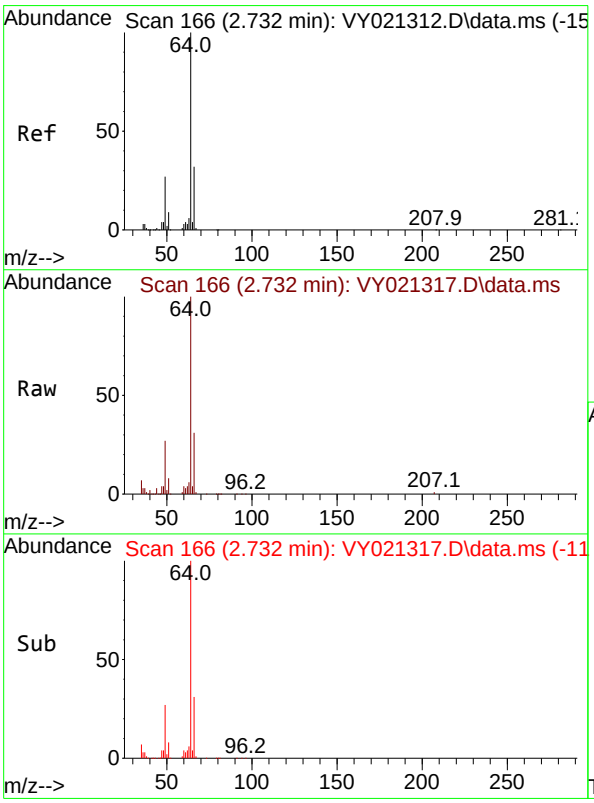
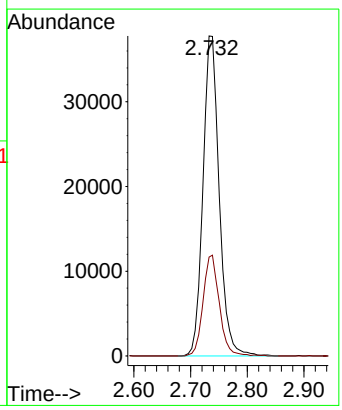
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

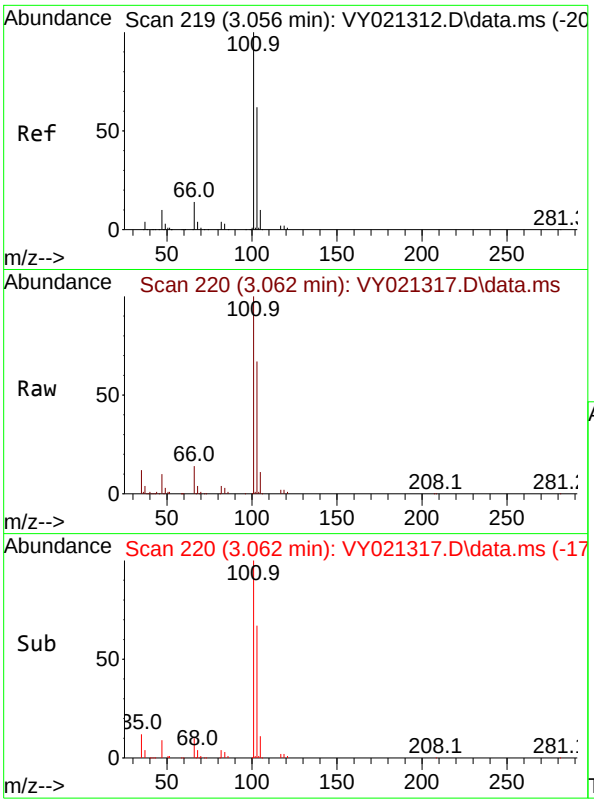


#6
Chloroethane
Concen: 54.804 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 64 Resp: 75086

Ion	Ratio	Lower	Upper
64	100		
66	30.9	25.4	38.0

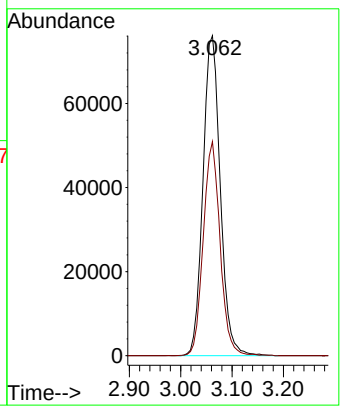




#7
Trichlorofluoromethane
Concen: 53.384 ug/l
RT: 3.062 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:101 Resp: 17812

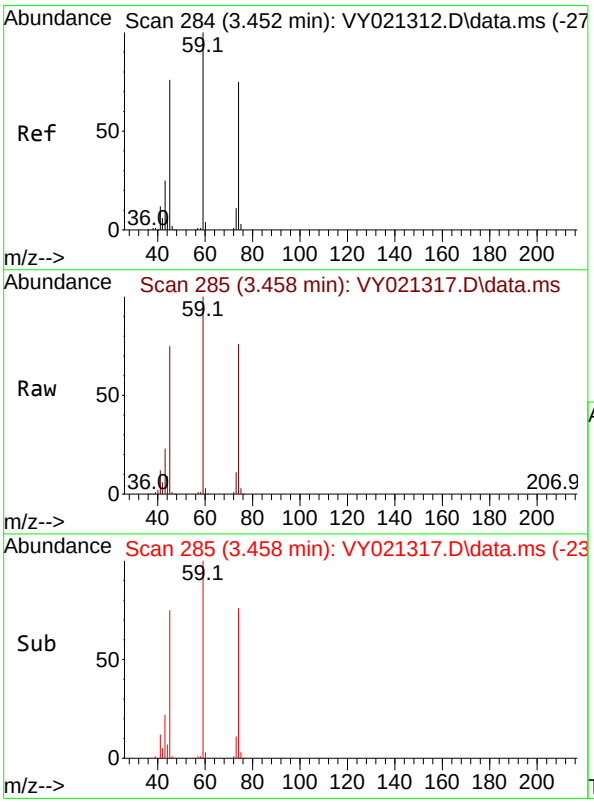
Ion	Ratio	Lower	Upper
101	100		
103	66.9	49.7	74.5



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Manual Integrations APPROVED

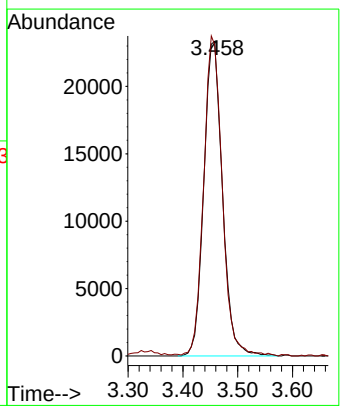
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

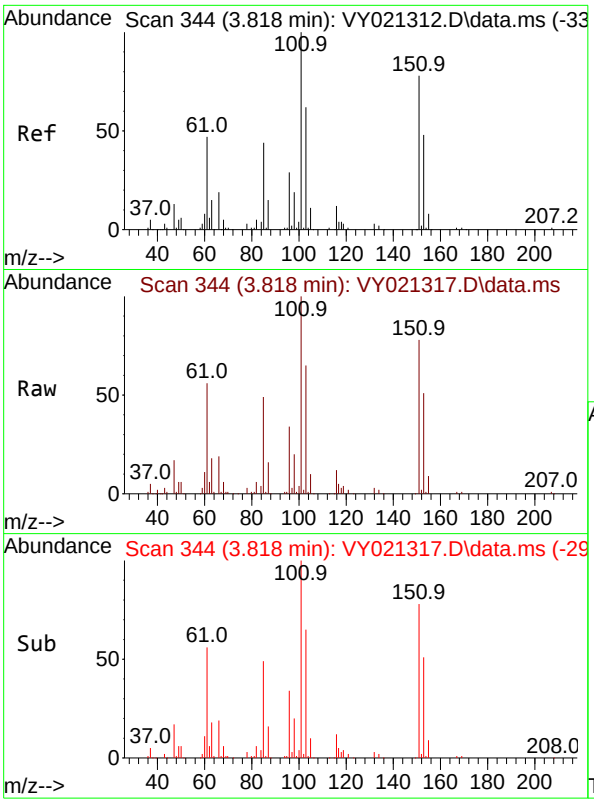


#8
Diethyl Ether
Concen: 54.849 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 74 Resp: 54929

Ion	Ratio	Lower	Upper
74	100		
45	101.8	50.3	150.9

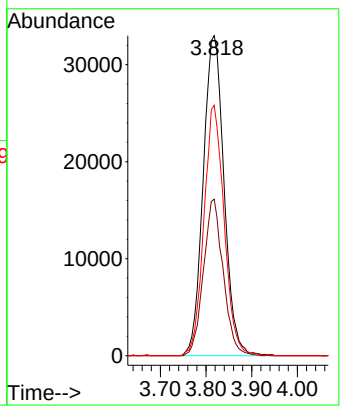




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.188 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:101 Resp: 10467

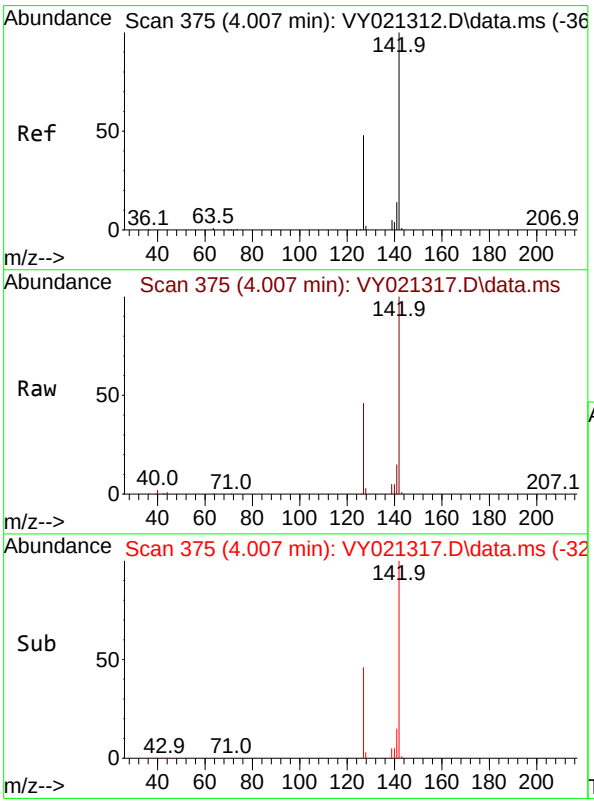
Ion	Ratio	Lower	Upper
101	100		
85	46.2	36.7	55.1
151	75.8	62.6	94.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Manual Integrations APPROVED

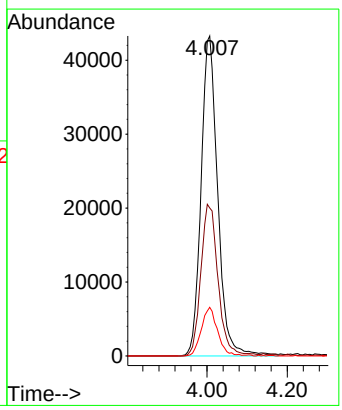
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

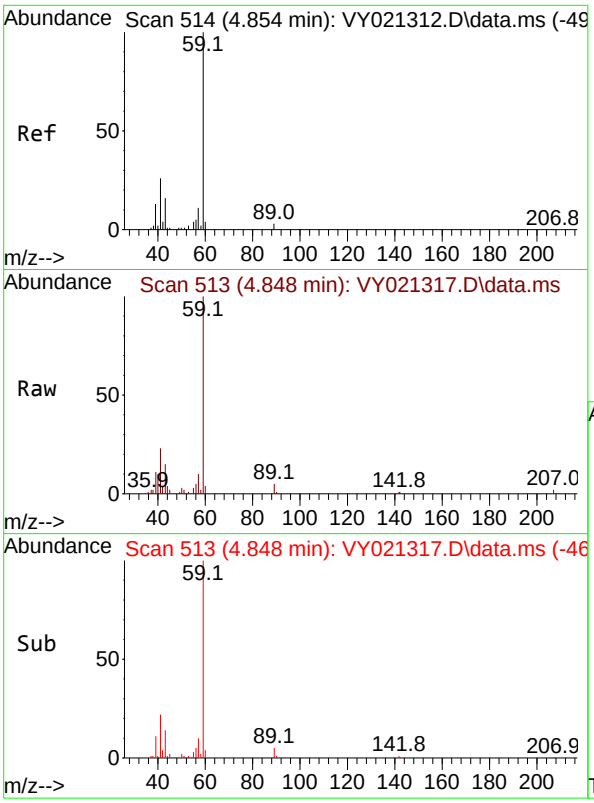


#10
Methyl Iodide
Concen: 61.361 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:142 Resp: 124707

Ion	Ratio	Lower	Upper
142	100		
127	49.0	39.2	58.8
141	14.8	11.4	17.2

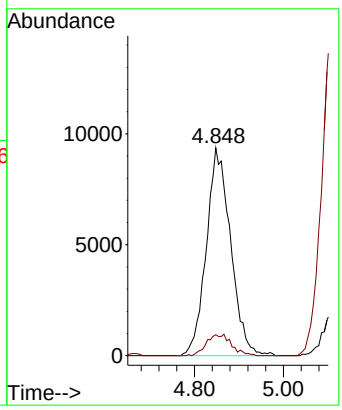




#11
Tert butyl alcohol
Concen: 221.762 ug/l
RT: 4.848 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 59 Resp: 3557

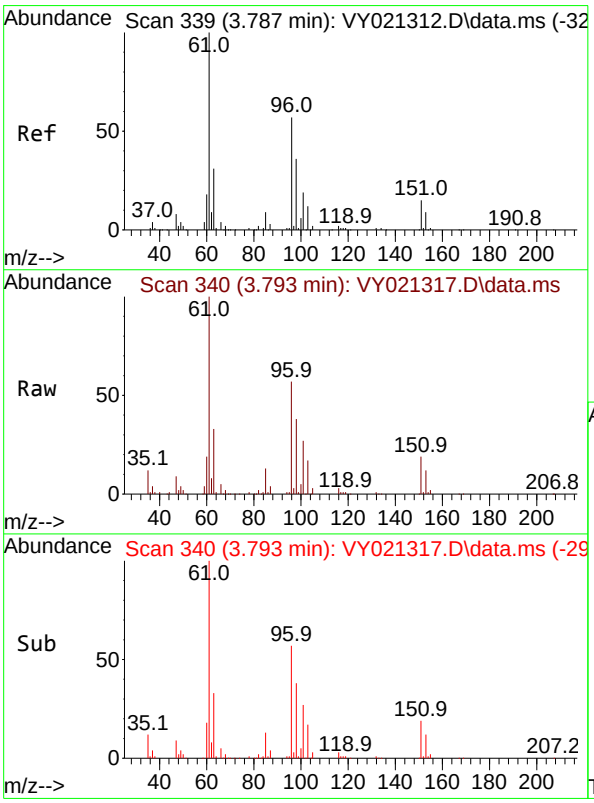
Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.3	12.5



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Manual Integrations
APPROVED

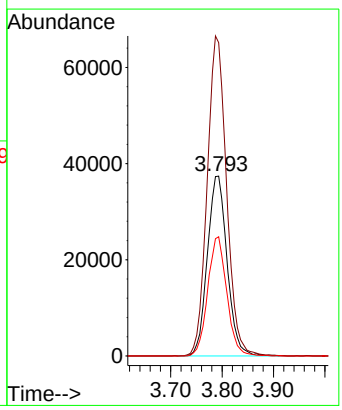
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

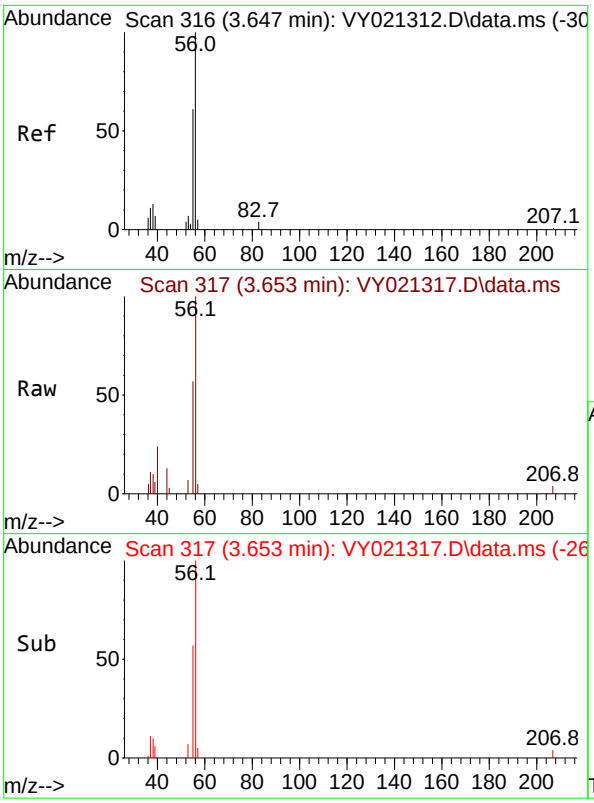


#12
1,1-Dichloroethene
Concen: 54.104 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 96 Resp: 100075

Ion	Ratio	Lower	Upper
96	100		
61	174.2	139.7	209.5
98	66.3	49.7	74.5

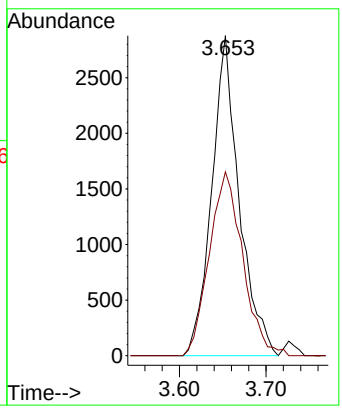




#13
Acrolein
Concen: 51.554 ug/l
RT: 3.653 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 56 Resp: 633

Ion	Ratio	Lower	Upper
56	100		
55	69.9	59.0	88.6



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 02/26/2025
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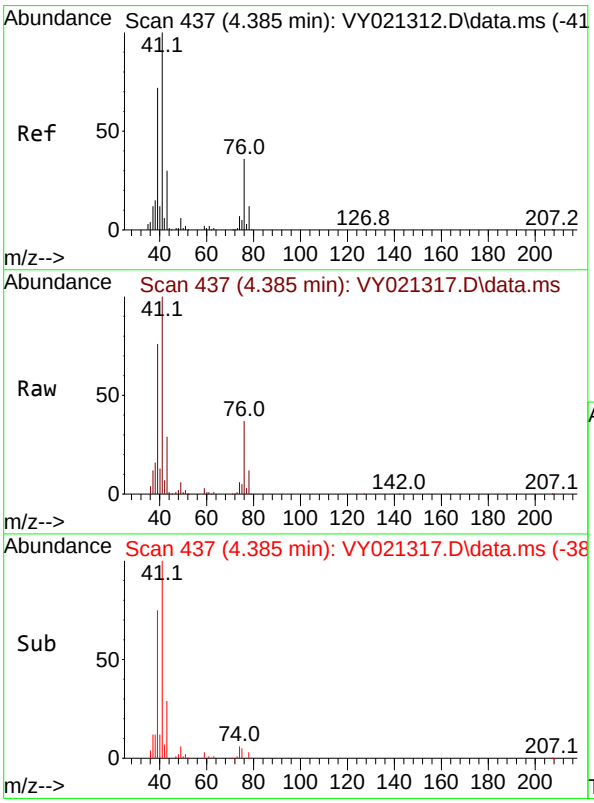
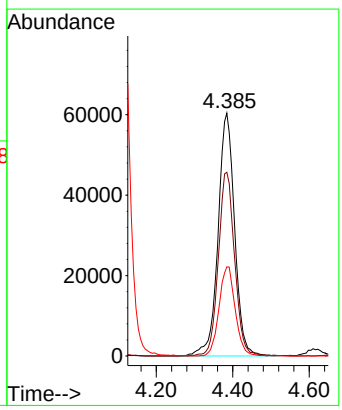
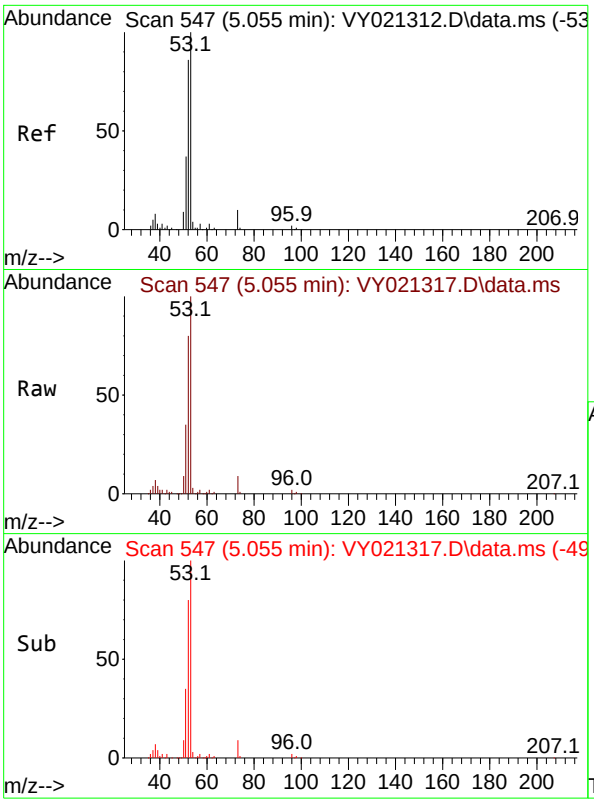


#14
Allyl chloride
Concen: 55.361 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 41 Resp: 181554

Ion	Ratio	Lower	Upper
41	100		
39	74.4	60.0	90.0
76	35.8	29.0	43.6





#15
Acrylonitrile
Concen: 267.274 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

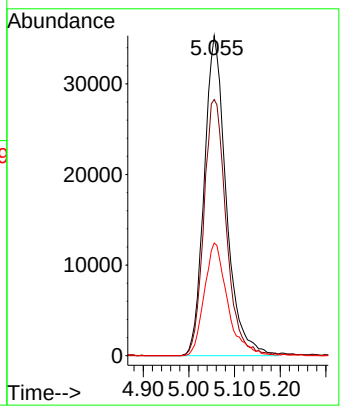
Tgt Ion: 53 Resp: 11834

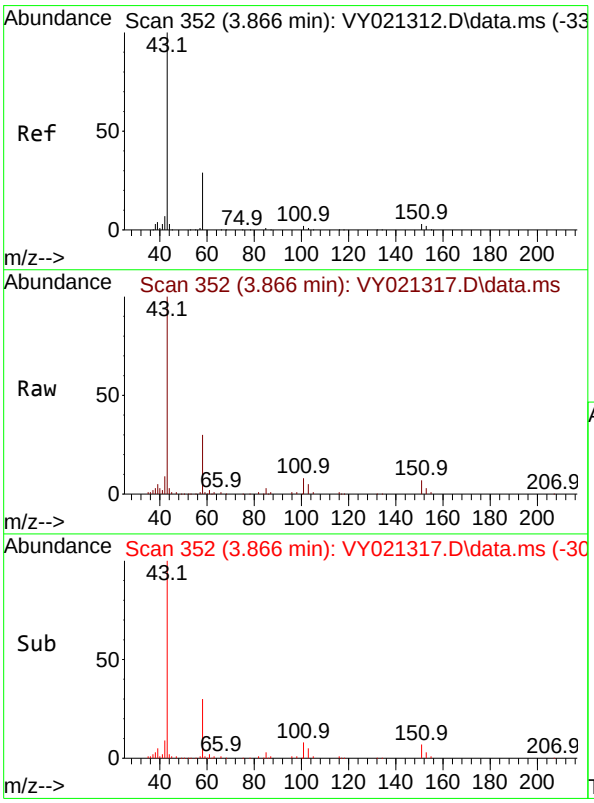
Ion	Ratio	Lower	Upper
53	100		
52	81.2	65.5	98.3
51	37.1	30.6	46.0

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

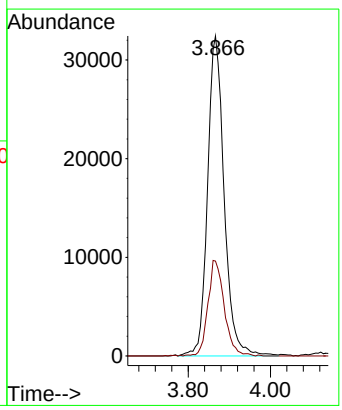


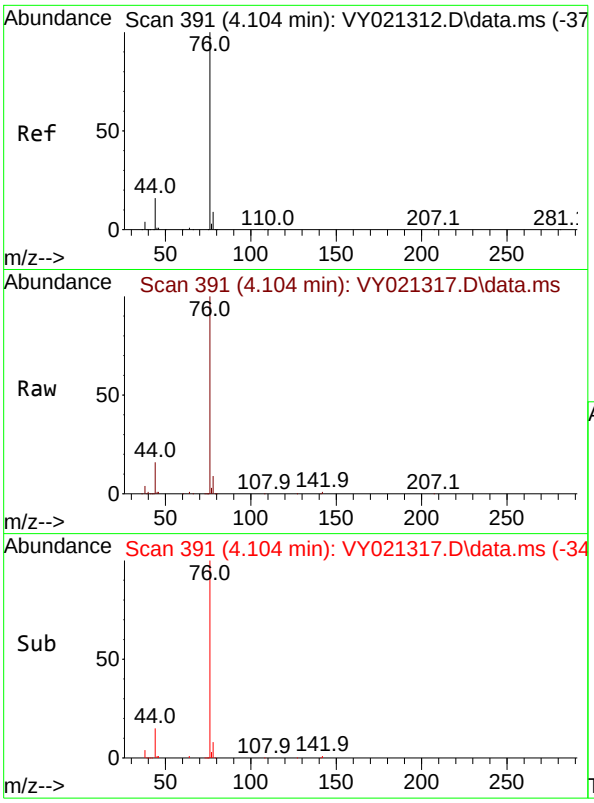


#16
Acetone
Concen: 227.197 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 43 Resp: 90886

Ion	Ratio	Lower	Upper
43	100		
58	29.7	23.5	35.3

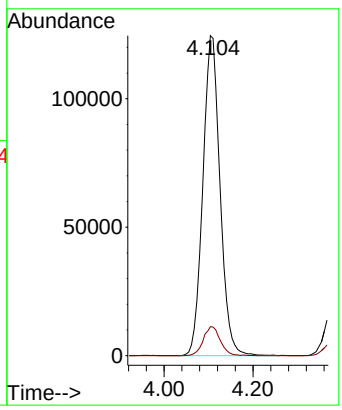




#17
Carbon Disulfide
Concen: 54.581 ug/l
RT: 4.104 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 76 Resp: 33524

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

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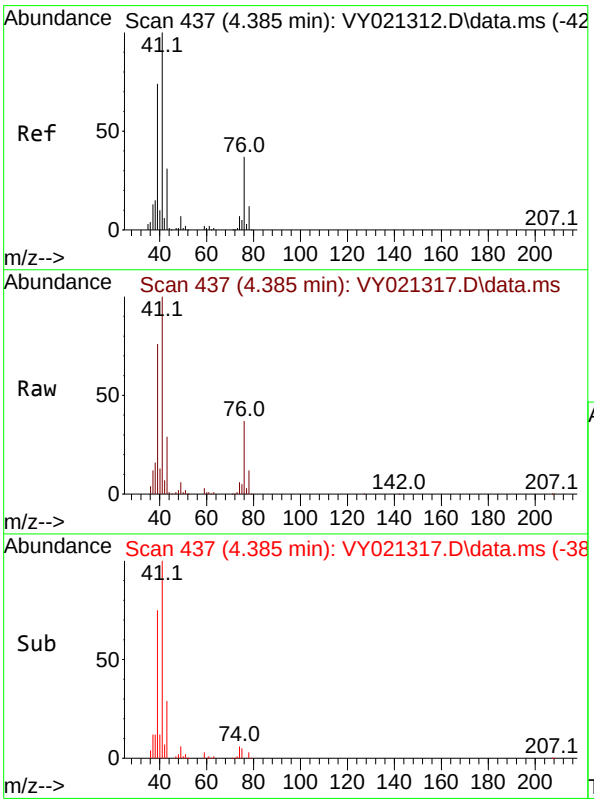
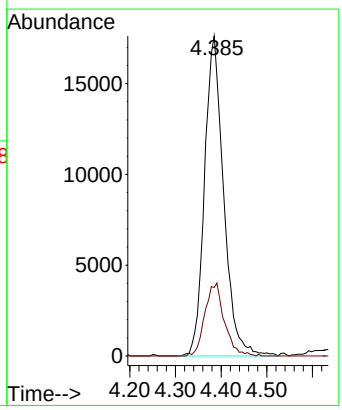
Supervised By :Mahesh Dadoda 02/26/2025

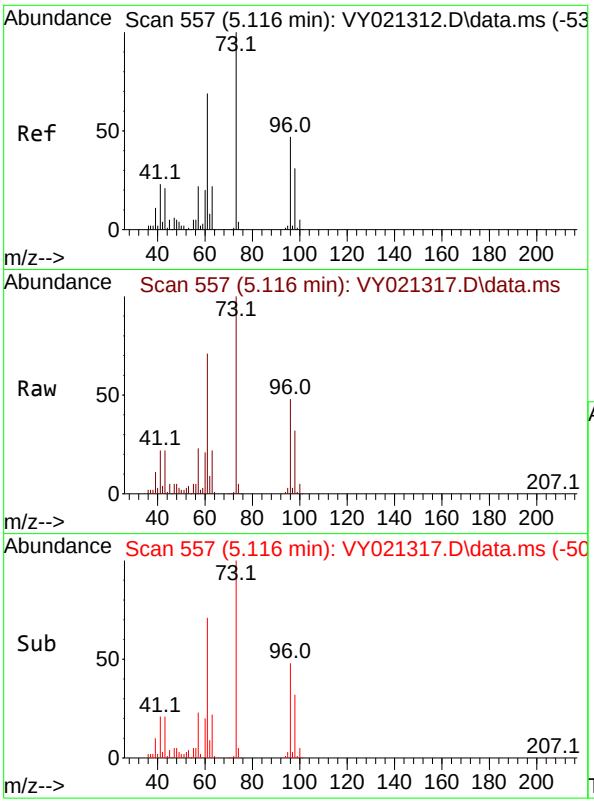


#18
Methyl Acetate
Concen: 52.372 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 43 Resp: 51200

Ion	Ratio	Lower	Upper
43	100		
74	23.2	17.7	26.5

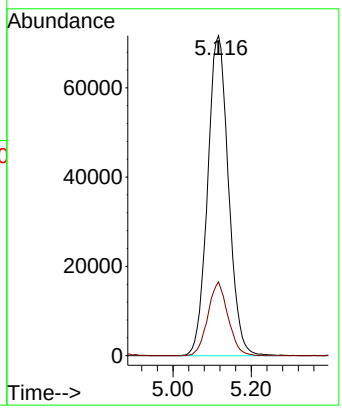




#19
Methyl tert-butyl Ether
Concen: 54.311 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 73 Resp: 26541

Ion	Ratio	Lower	Upper
73	100		
57	23.0	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

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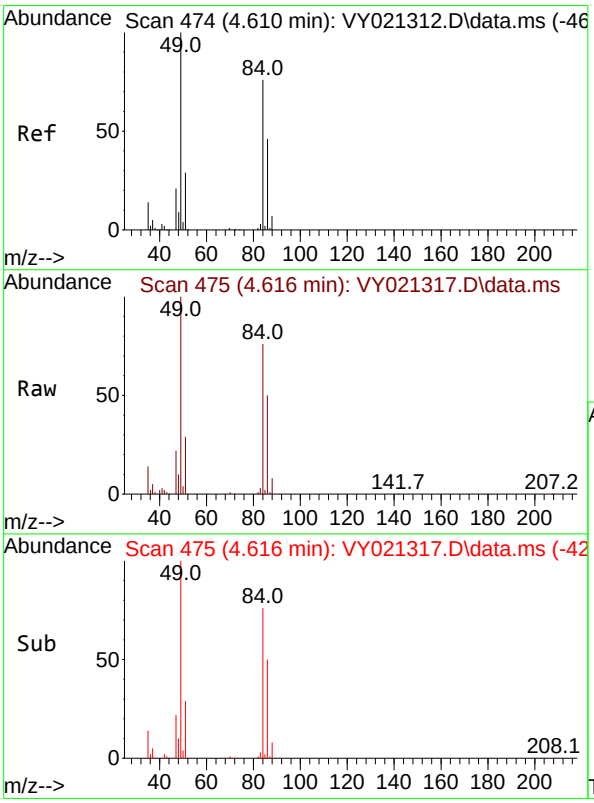
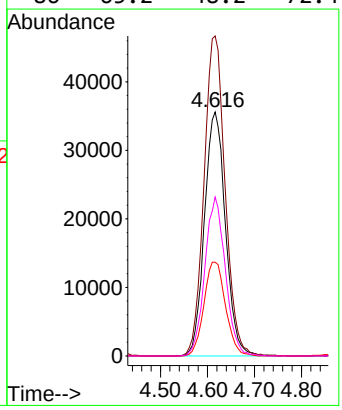
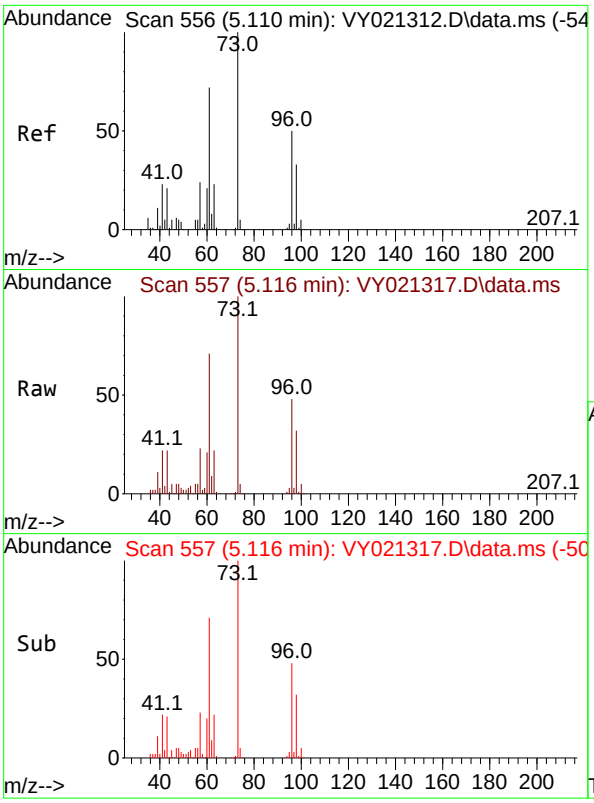


#20
Methylene Chloride
Concen: 51.062 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 84 Resp: 110456

Ion	Ratio	Lower	Upper
84	100		
49	131.2	105.1	157.7
51	38.4	31.0	46.4
86	65.2	48.2	72.4

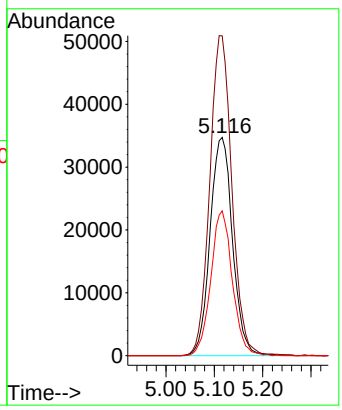




#21
trans-1,2-Dichloroethene
Concen: 55.044 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 96 Resp: 11208

Ion	Ratio	Lower	Upper
96	100		
61	146.6	116.3	174.5
98	66.4	52.6	78.8



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

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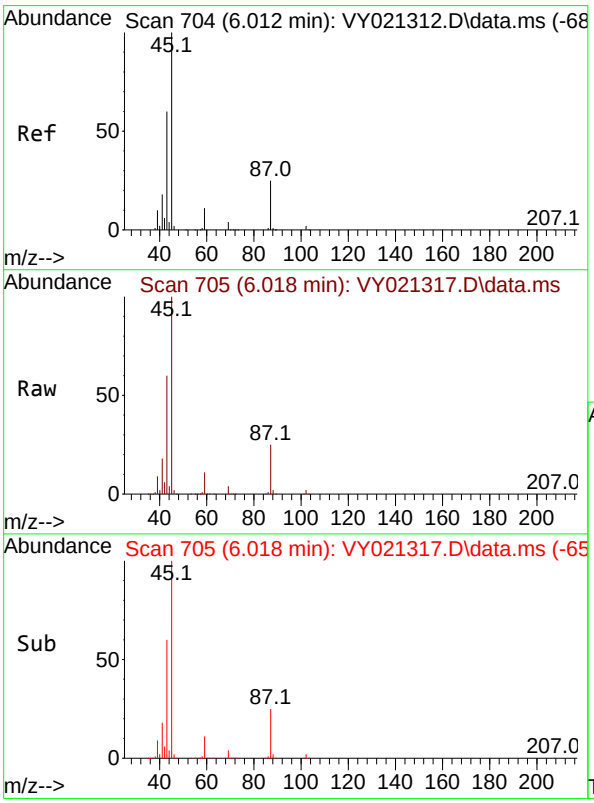
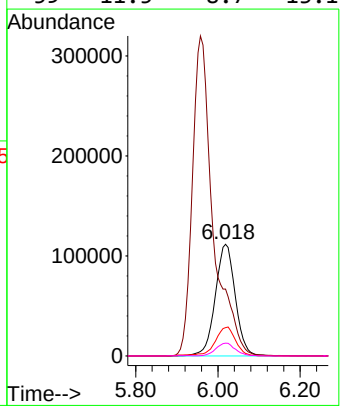
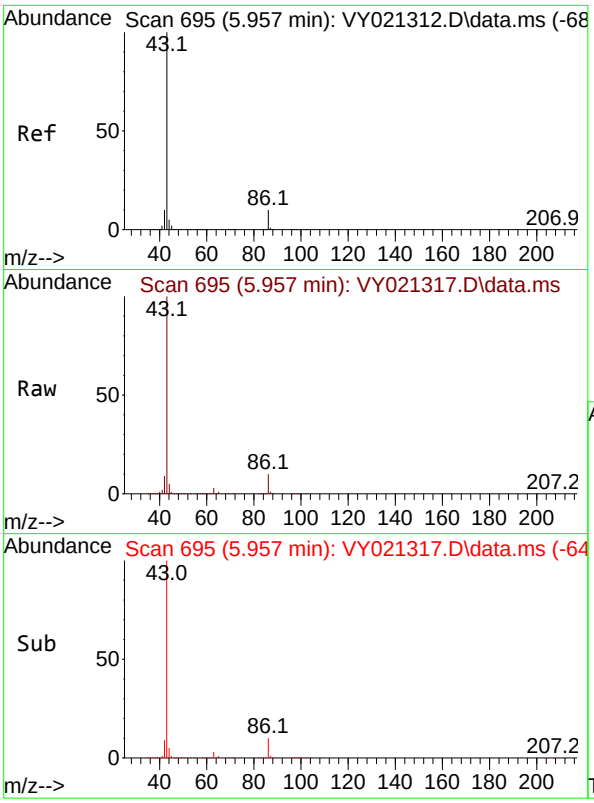


#22
Diisopropyl ether
Concen: 55.595 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 45 Resp: 377281

Ion	Ratio	Lower	Upper
45	100		
43	59.4	48.2	72.4
87	25.4	20.3	30.5
59	11.5	8.7	13.1

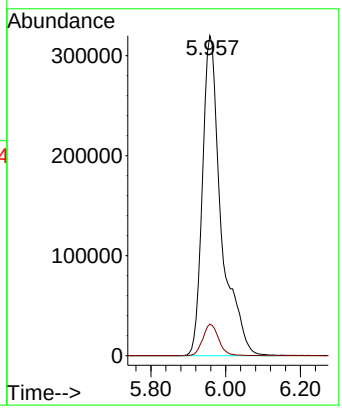




#23
Vinyl Acetate
Concen: 275.197 ug/l
RT: 5.957 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 43 Resp: 111600

Ion	Ratio	Lower	Upper
43	100		
86	9.8	8.0	12.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

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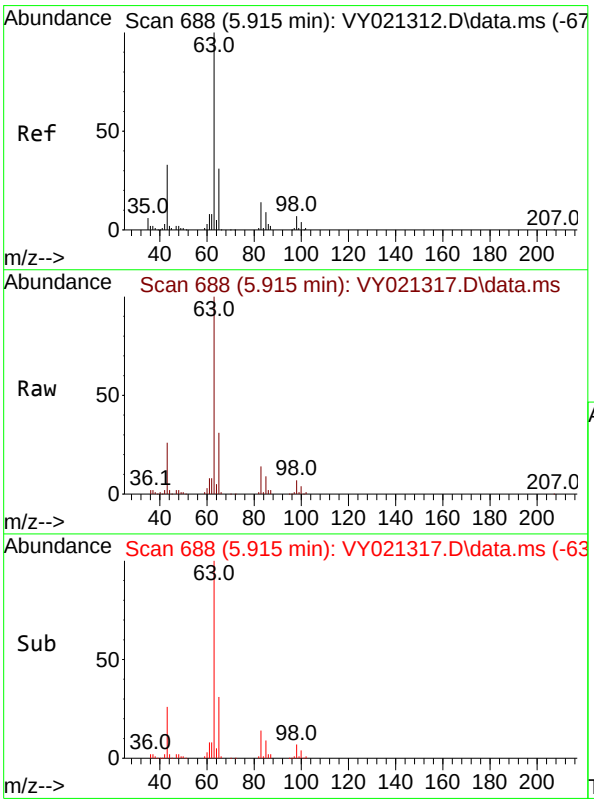
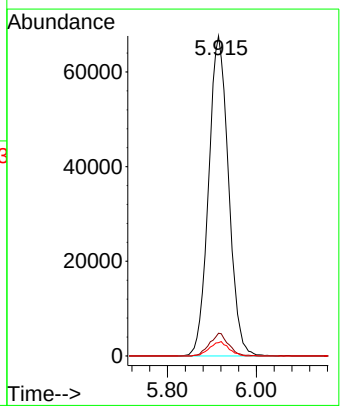
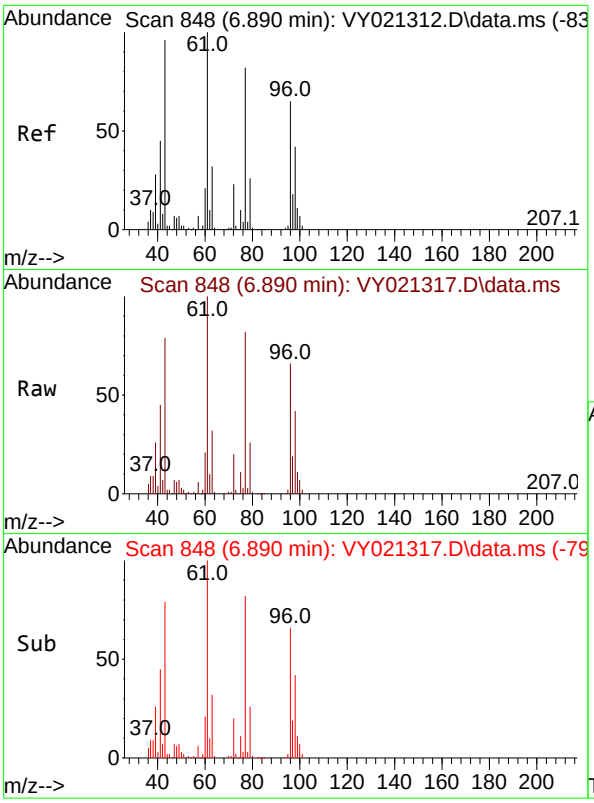


#24
1,1-Dichloroethane
Concen: 55.004 ug/l
RT: 5.915 min Scan# 688
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 63 Resp: 210383

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.7	11.1
100	4.2	2.1	6.5





#25
2-Butanone
Concen: 253.246 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 43 Resp: 15289

Ion	Ratio	Lower	Upper
43	100		
72	25.2	19.0	28.6

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

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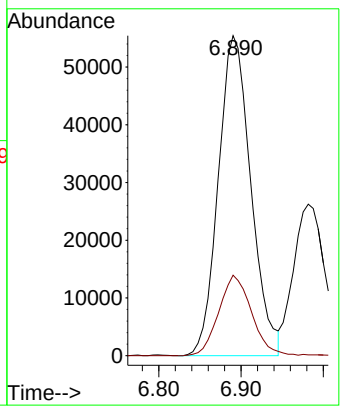
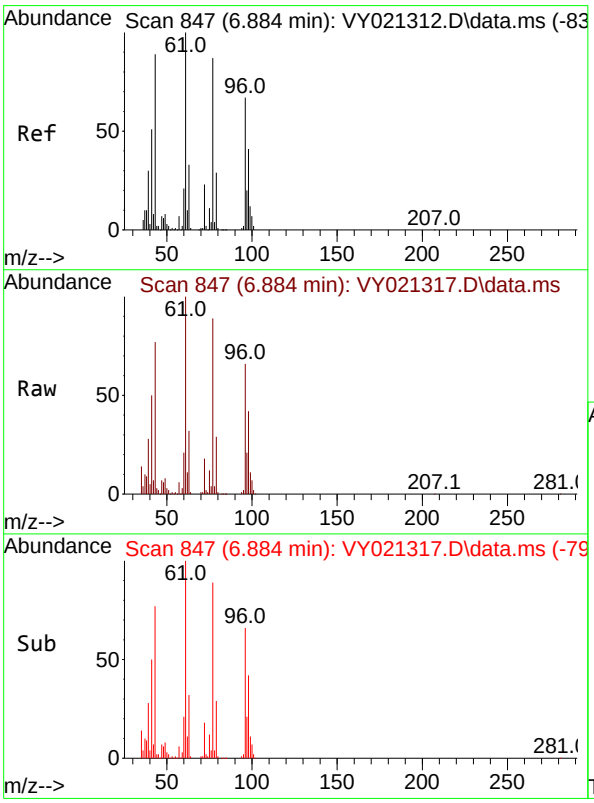
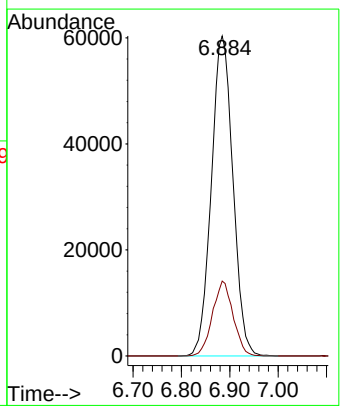


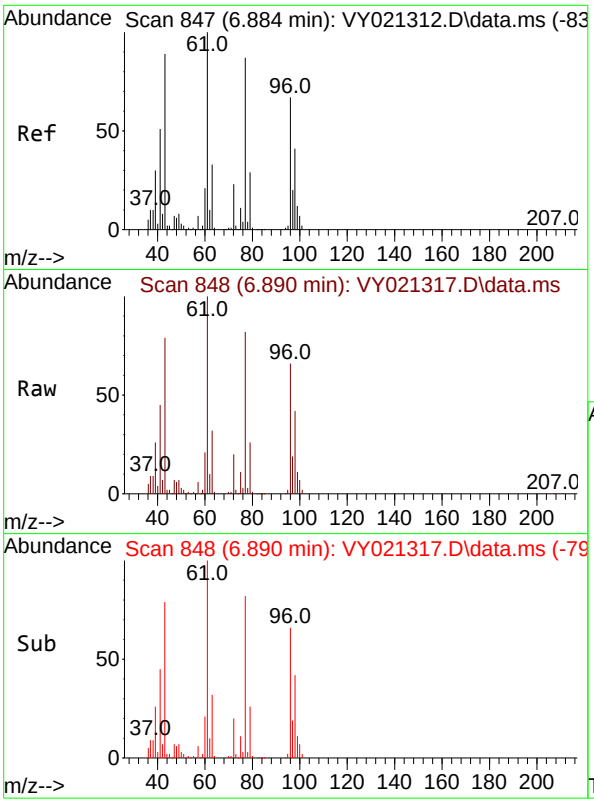


#26
2,2-Dichloropropane
Concen: 53.893 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 77 Resp: 187045

Ion	Ratio	Lower	Upper
77	100		
97	22.4	10.9	32.7

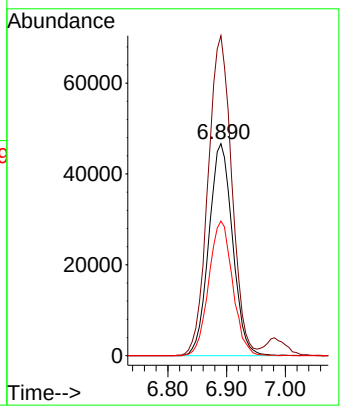




#27
cis-1,2-Dichloroethene
Concen: 56.305 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 96 Resp: 13092

Ion	Ratio	Lower	Upper
96	100		
61	151.3	0.0	308.0
98	63.7	0.0	129.6



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

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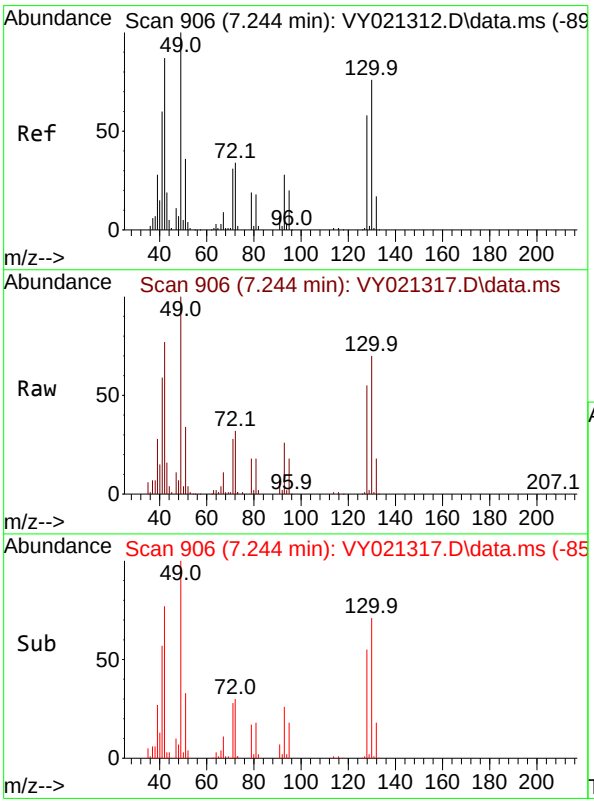
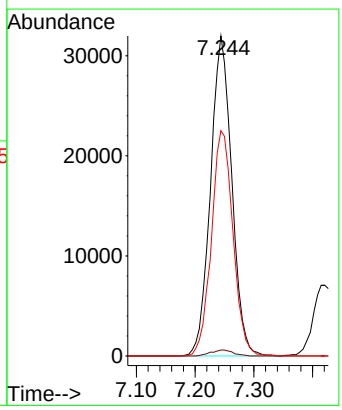
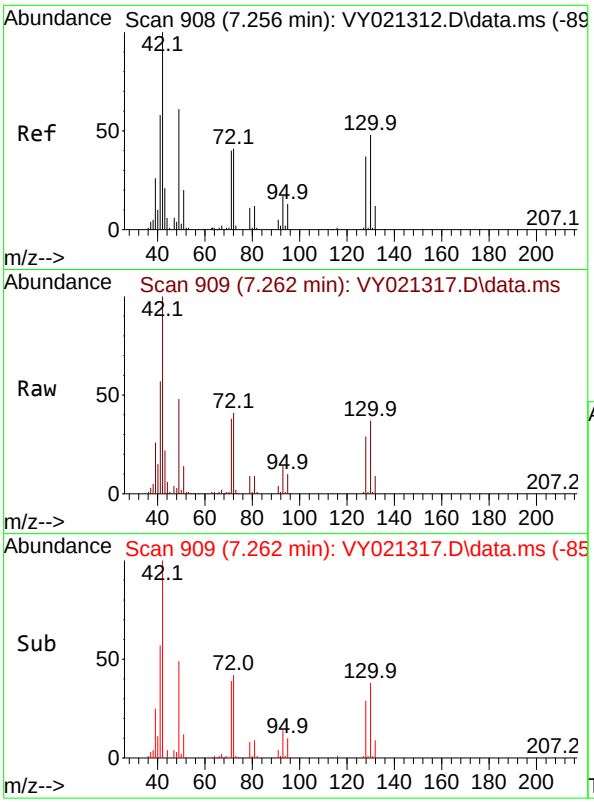


#28
Bromochloromethane
Concen: 47.452 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 49 Resp: 80309

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	71.5	57.8	86.6

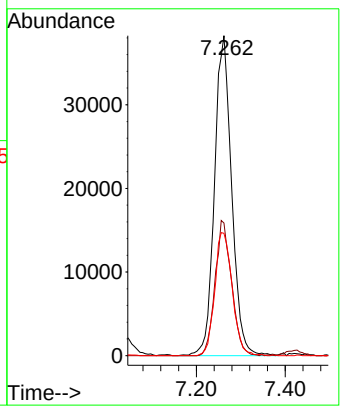




#29
Tetrahydrofuran
Concen: 260.172 ug/l
RT: 7.262 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 42 Resp: 10267

Ion	Ratio	Lower	Upper
42	100		
72	40.4	33.1	49.7
71	39.2	31.4	47.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

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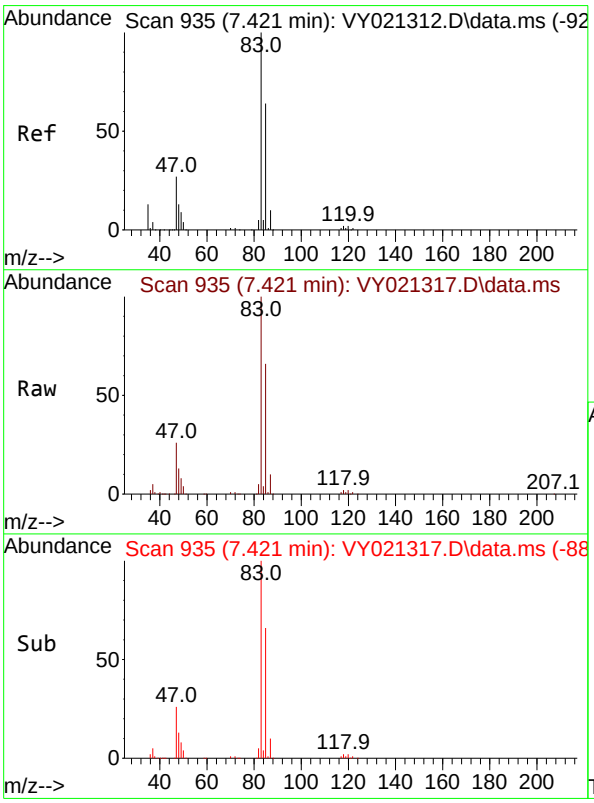
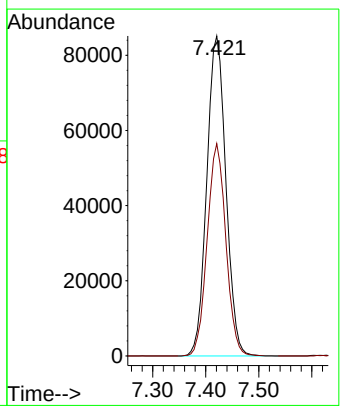
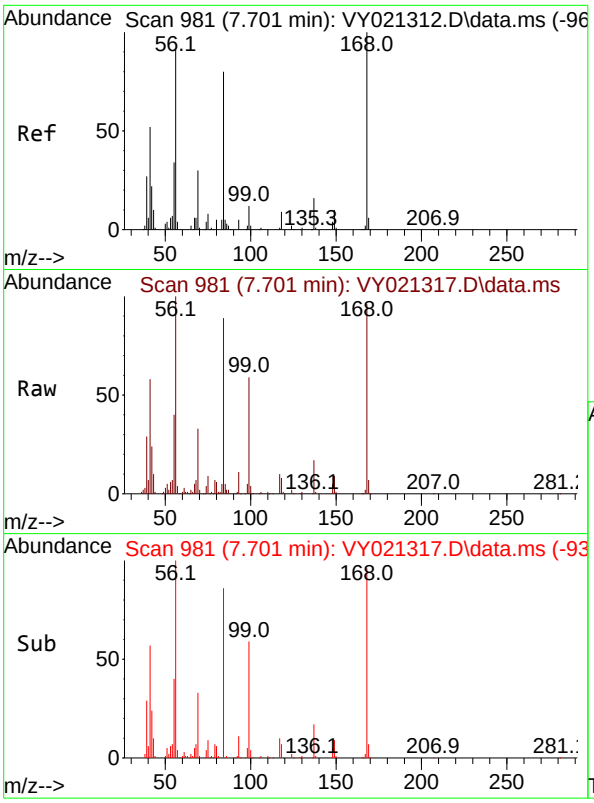


#30
Chloroform
Concen: 55.023 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 83 Resp: 213255

Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.6	77.4

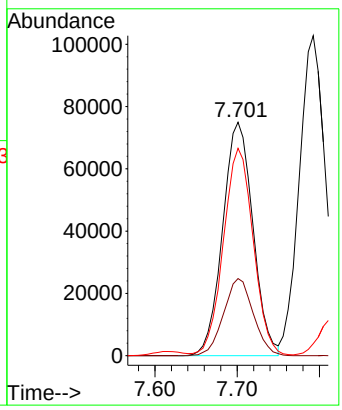




#31
Cyclohexane
Concen: 52.180 ug/l
RT: 7.701 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 56 Resp: 19185

Ion	Ratio	Lower	Upper
56	100		
69	33.0	26.2	39.4
84	87.3	70.2	105.4



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

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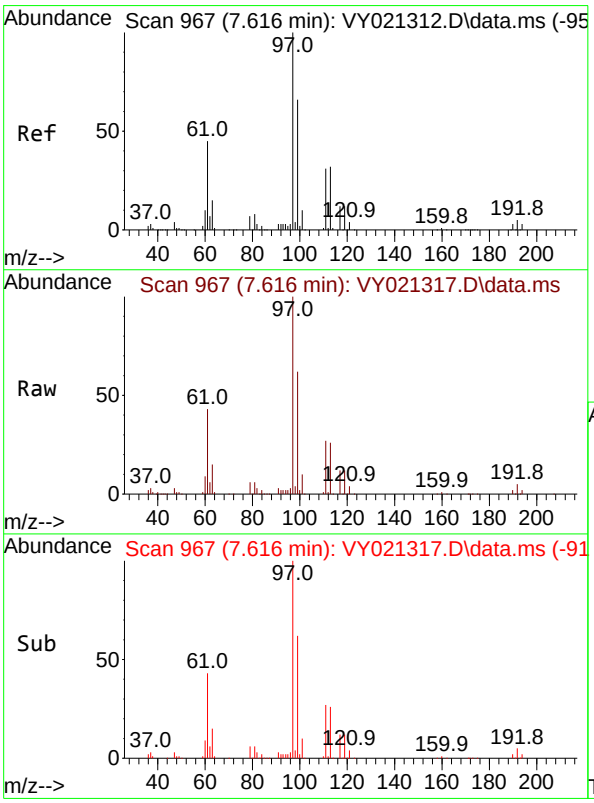
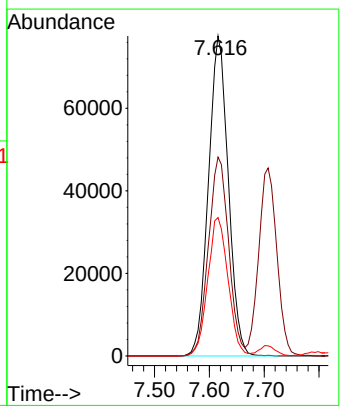
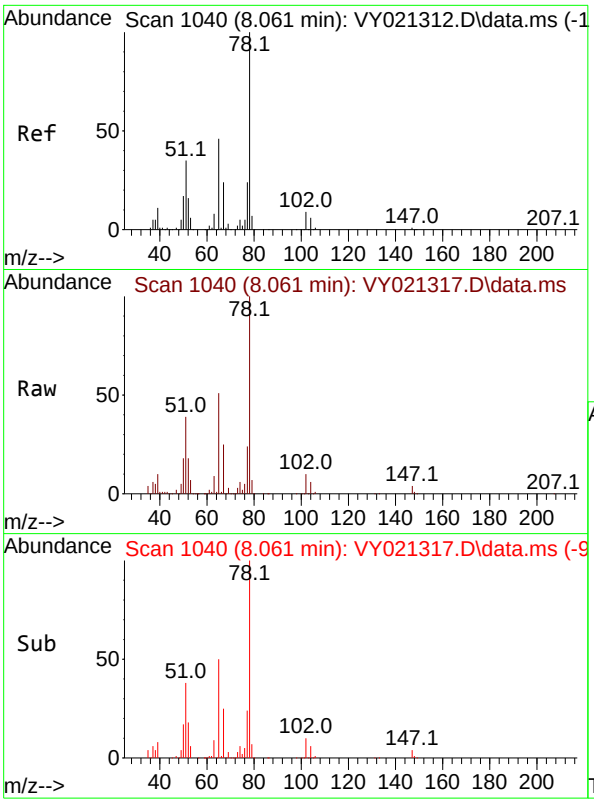


#32
1,1,1-Trichloroethane
Concen: 55.084 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 97 Resp: 194325

Ion	Ratio	Lower	Upper
97	100		
99	63.6	52.4	78.6
61	44.3	36.2	54.2

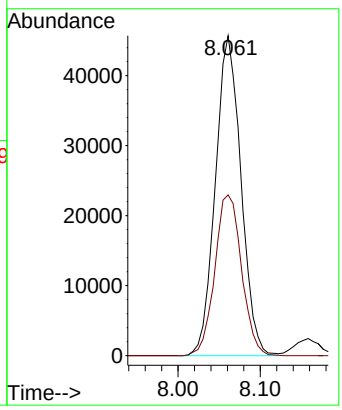




#33
1,2-Dichloroethane-d4
Concen: 47.453 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 65 Resp: 9896

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	103.6



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

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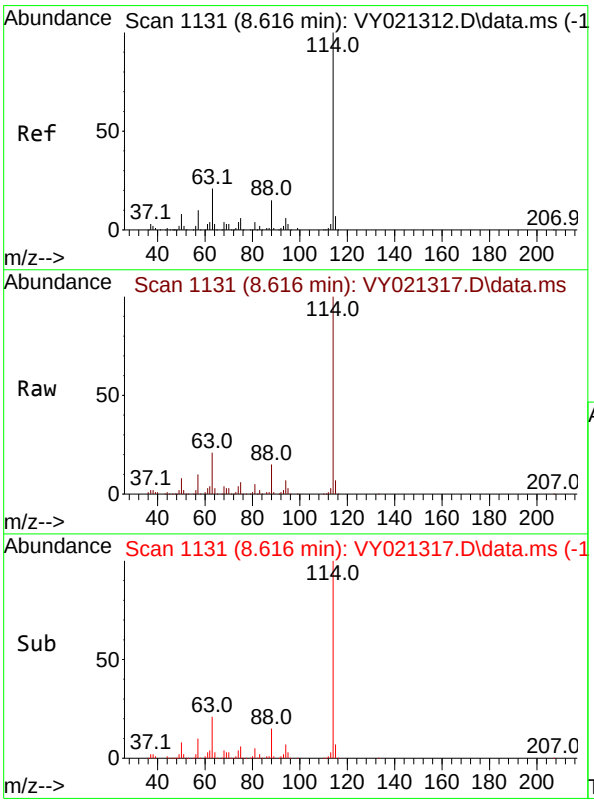
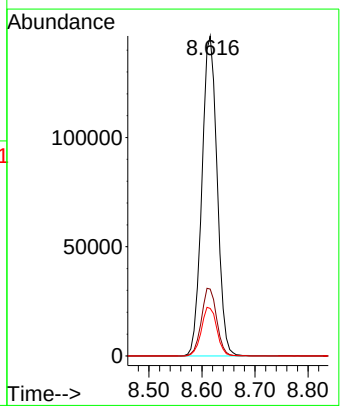
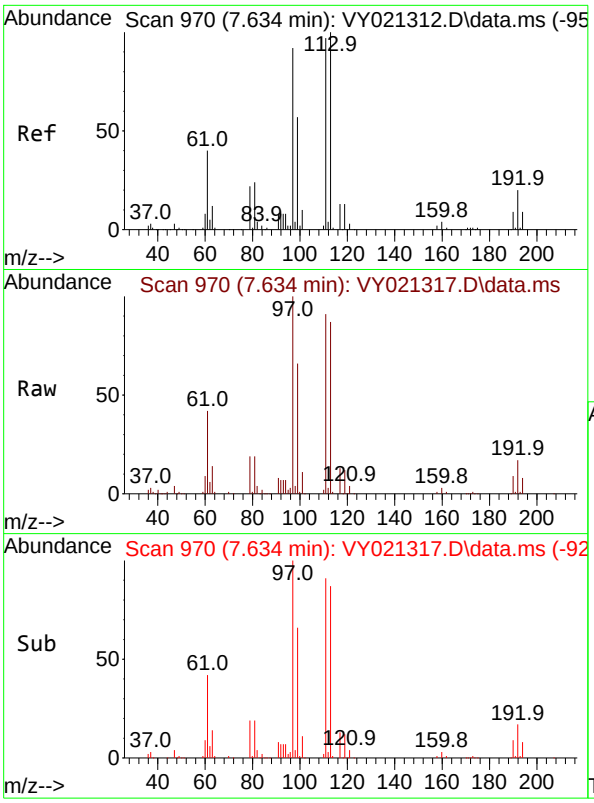


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:114 Resp: 292214

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.2
88	14.9	0.0	29.8

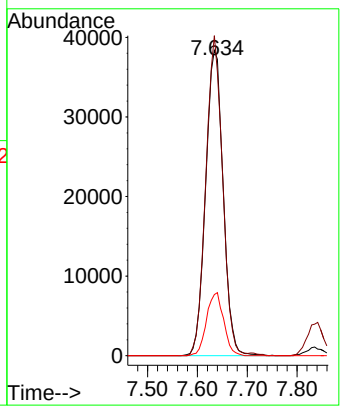




#35
Dibromofluoromethane
Concen: 49.037 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:113 Resp: 9394

Ion	Ratio	Lower	Upper
113	100		
111	100.0	81.0	121.6
192	20.1	15.8	23.8



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

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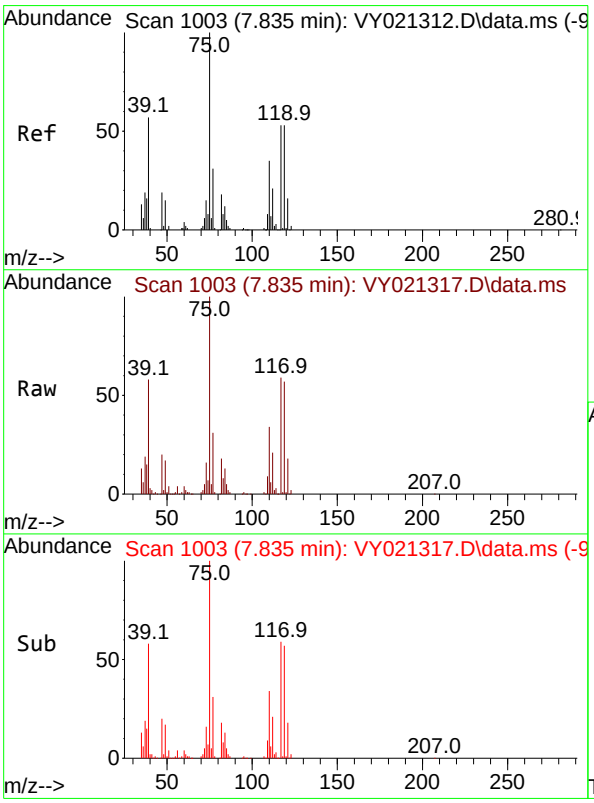
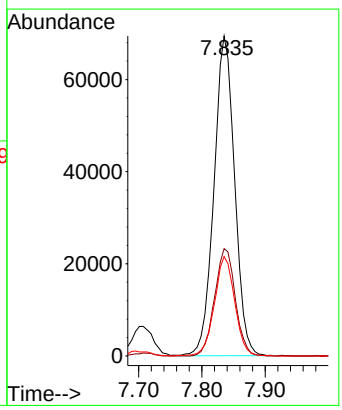
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

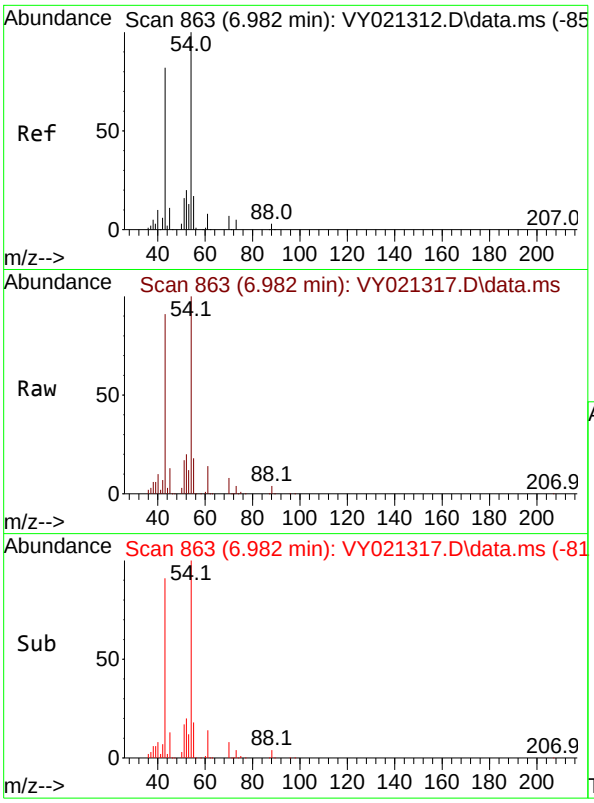


#36
1,1-Dichloropropene
Concen: 54.593 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 75 Resp: 157102

Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.9	50.7
77	30.7	24.6	36.8

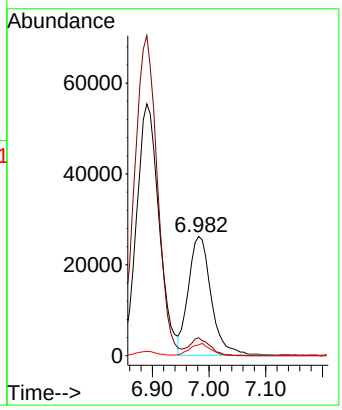




#37
Ethyl Acetate
Concen: 50.864 ug/l
RT: 6.982 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 43 Resp: 7281

Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.4	15.6
70	9.4	7.5	11.3



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

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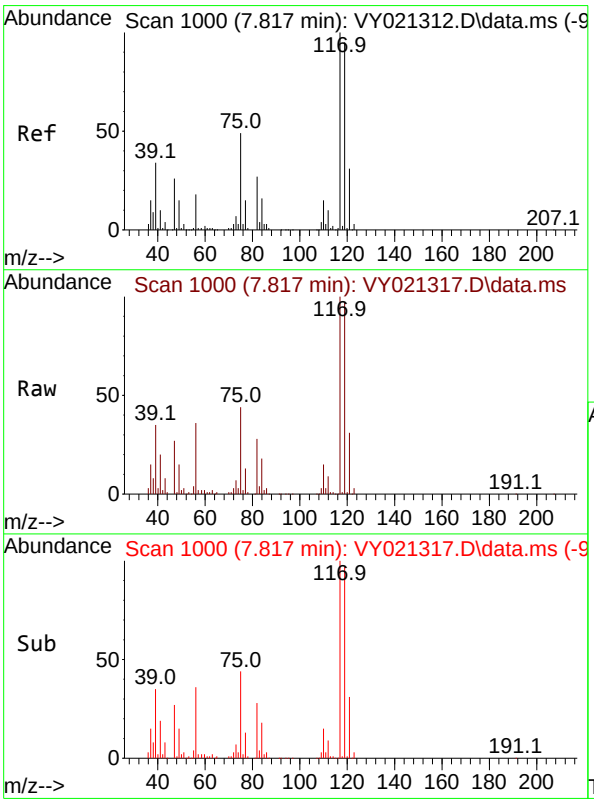
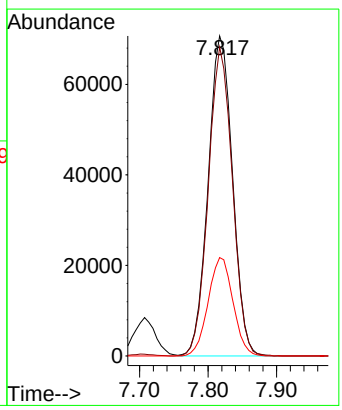
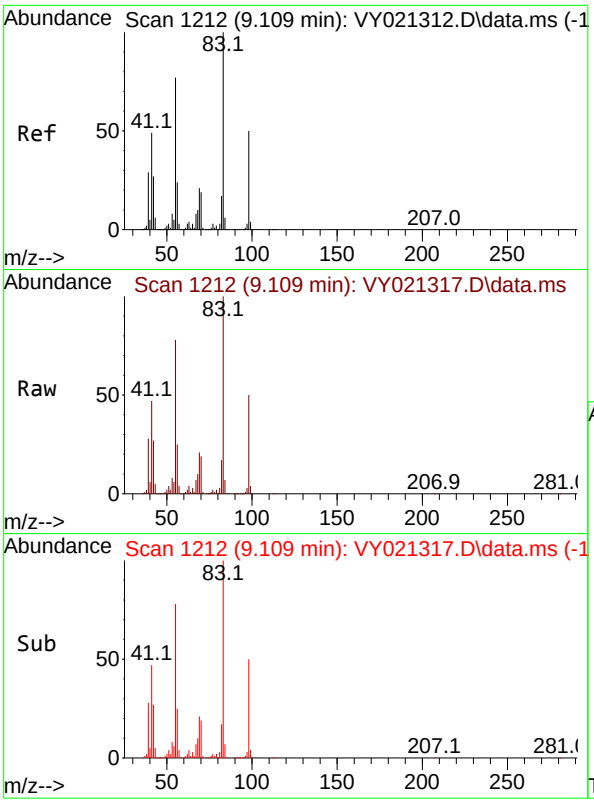


#38
Carbon Tetrachloride
Concen: 54.157 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:117 Resp: 175208

Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.0	114.0
121	30.8	24.9	37.3

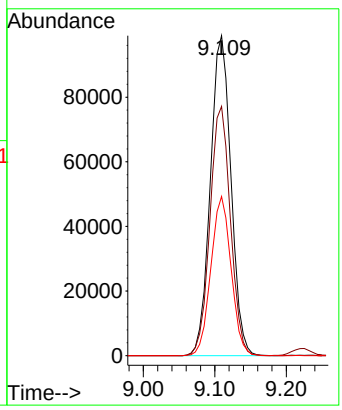




#39
Methylcyclohexane
Concen: 54.397 ug/l
RT: 9.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 83 Resp: 19799

Ion	Ratio	Lower	Upper
83	100		
55	77.9	61.3	91.9
98	49.7	39.9	59.9



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

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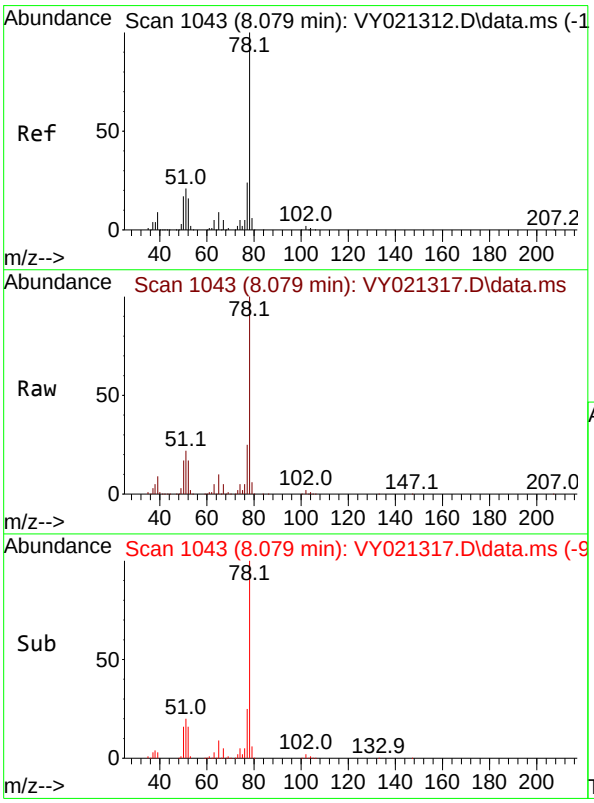
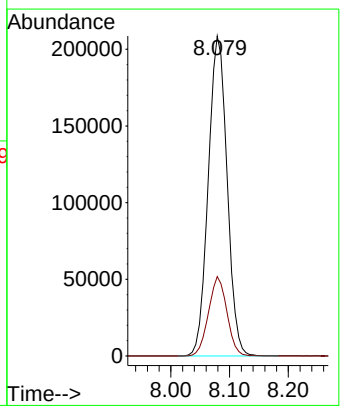
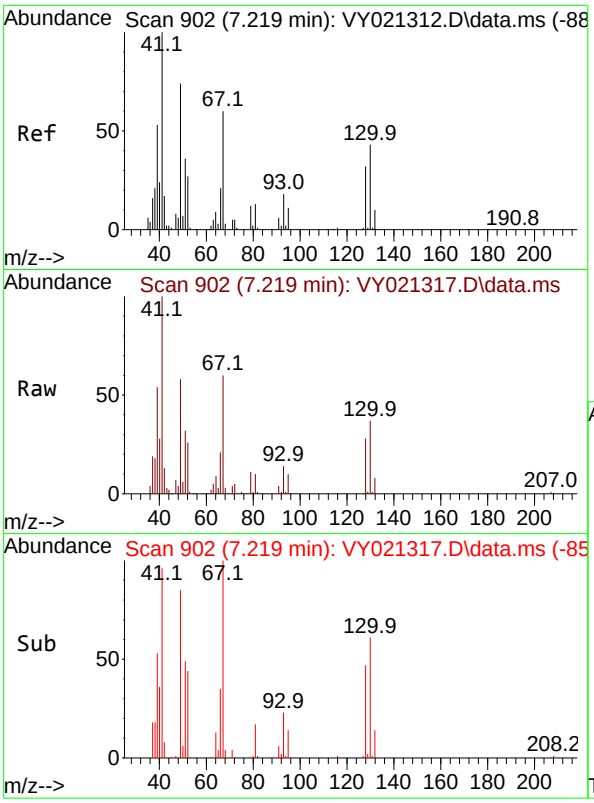


#40
Benzene
Concen: 54.583 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 78 Resp: 464323

Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.2	28.8

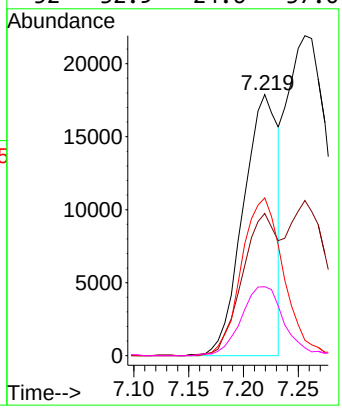




#41
Methacrylonitrile
Concen: 49.244 ug/l
RT: 7.219 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 41 Resp: 3941

Ion	Ratio	Lower	Upper
41	100		
39	54.9	42.3	63.5
67	73.3	54.8	82.2
52	32.9	24.6	37.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

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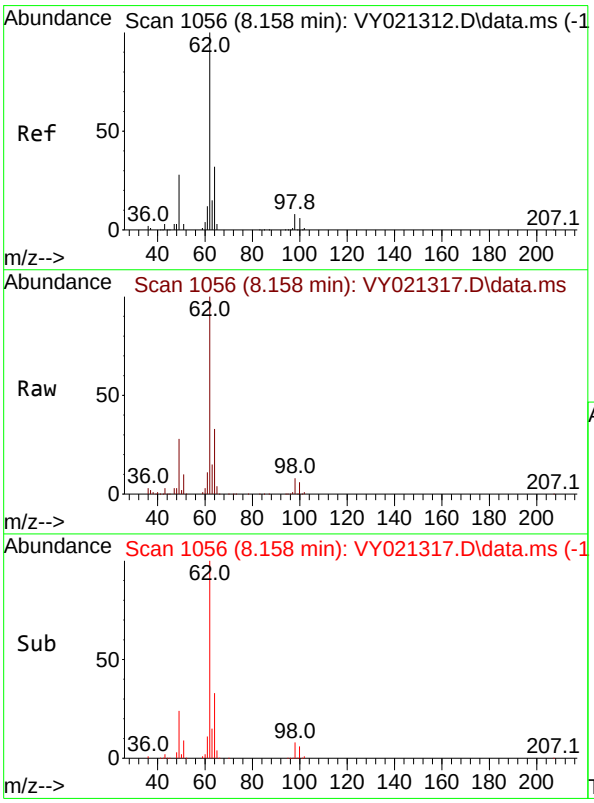
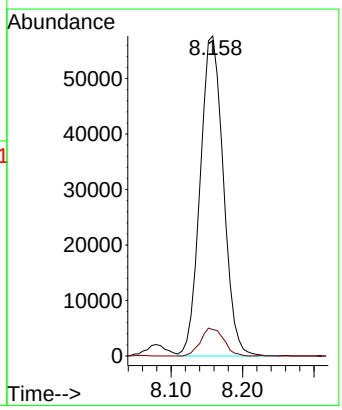
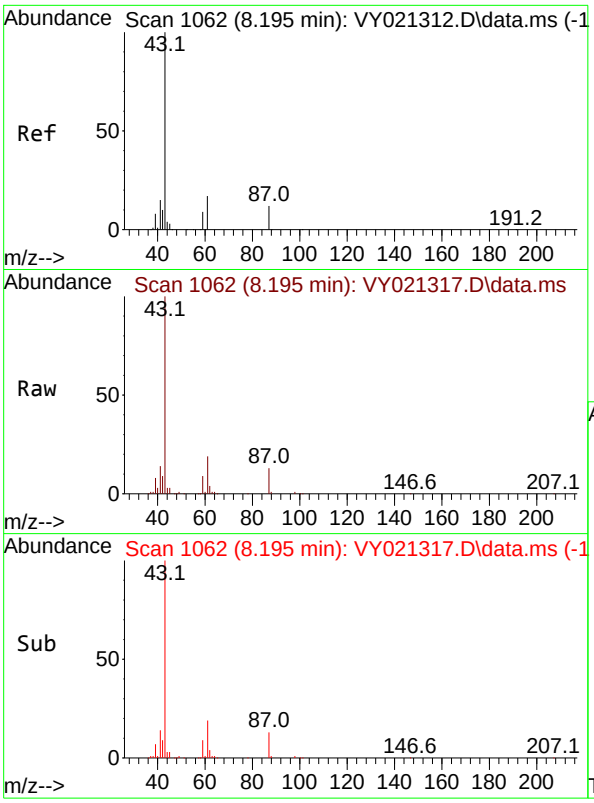


#42
1,2-Dichloroethane
Concen: 53.746 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 62 Resp: 129718

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.6

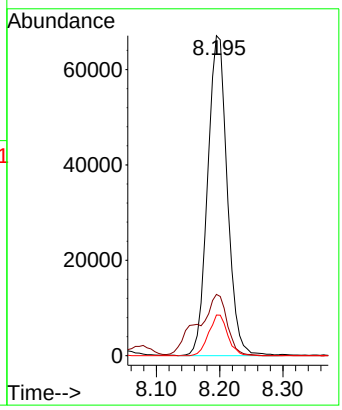




#43
Isopropyl Acetate
Concen: 52.380 ug/l
RT: 8.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 43 Resp: 14512

Ion	Ratio	Lower	Upper
43	100		
61	28.5	15.0	22.6
87	12.3	10.0	15.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

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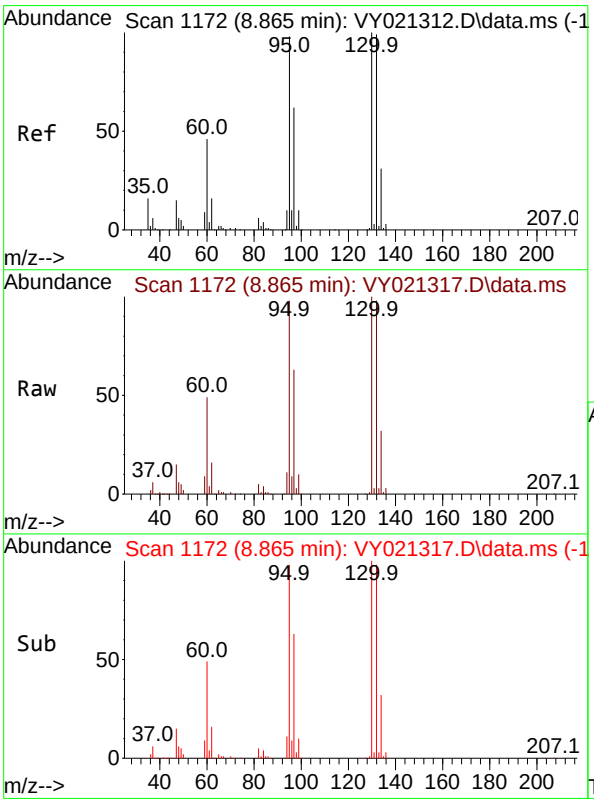
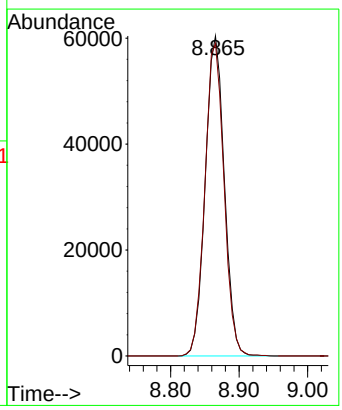
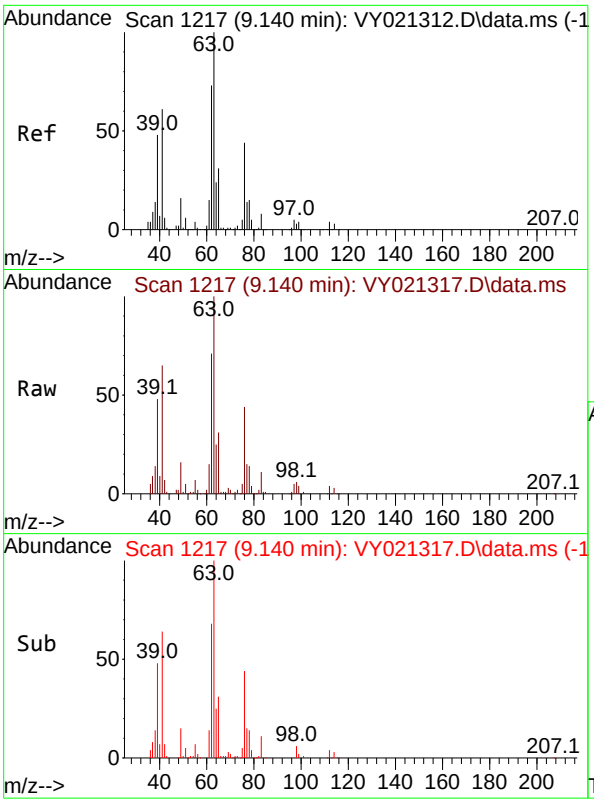


#44
Trichloroethene
Concen: 54.930 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:130 Resp: 116988

Ion	Ratio	Lower	Upper
130	100		
95	97.7	0.0	196.0

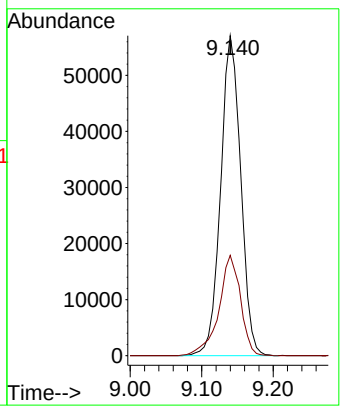




#45
1,2-Dichloropropane
Concen: 54.464 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 63 Resp: 11149

Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.6	36.8



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

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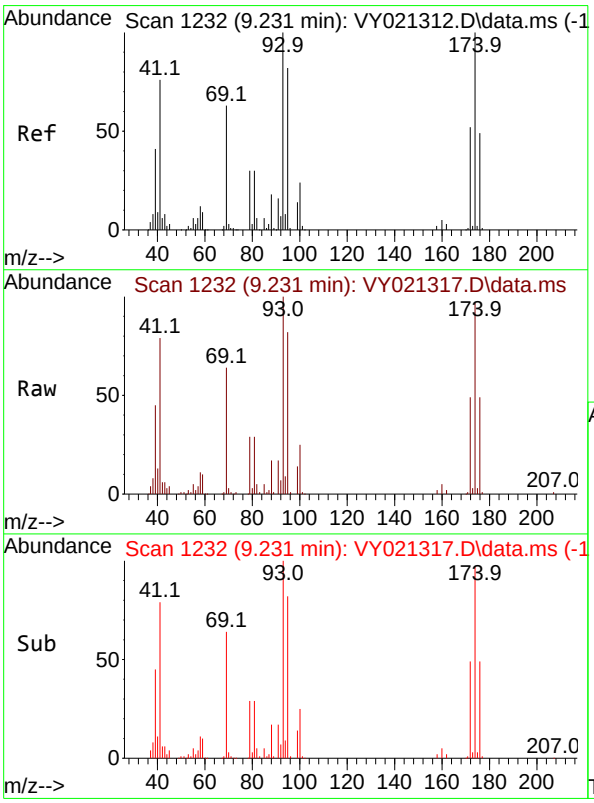
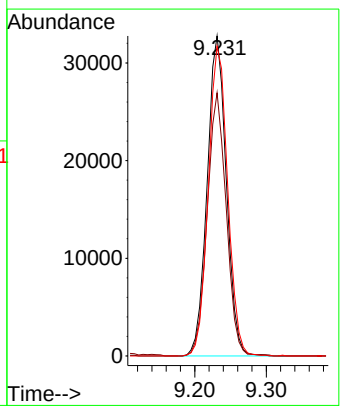
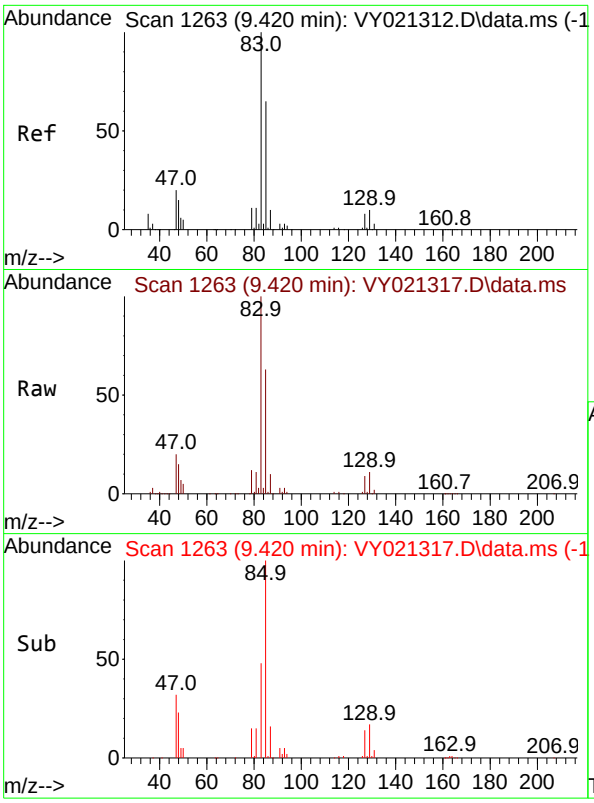


#46
Dibromomethane
Concen: 54.539 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 93 Resp: 61031

Ion	Ratio	Lower	Upper
93	100		
95	81.4	66.4	99.6
174	98.0	78.2	117.2

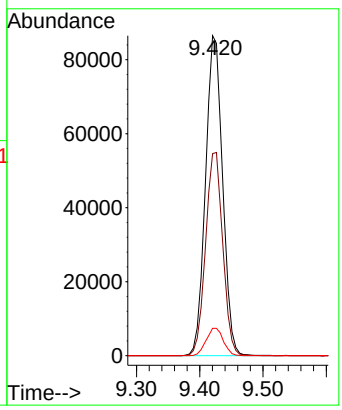




#47
Bromodichloromethane
Concen: 54.489 ug/l
RT: 9.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 83 Resp: 16258

Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.8	77.8
127	8.5	6.7	10.1



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

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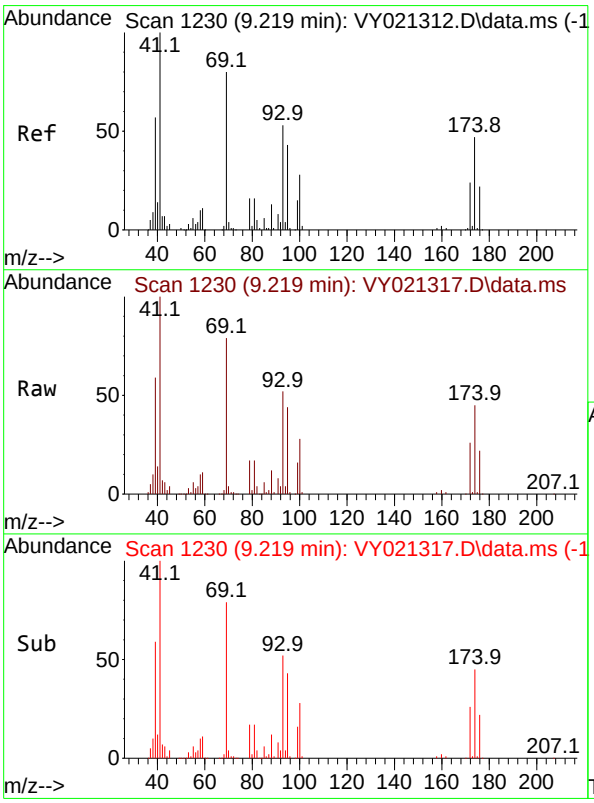
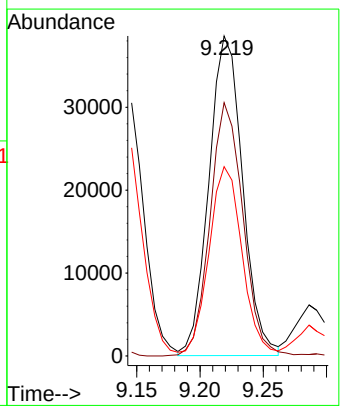
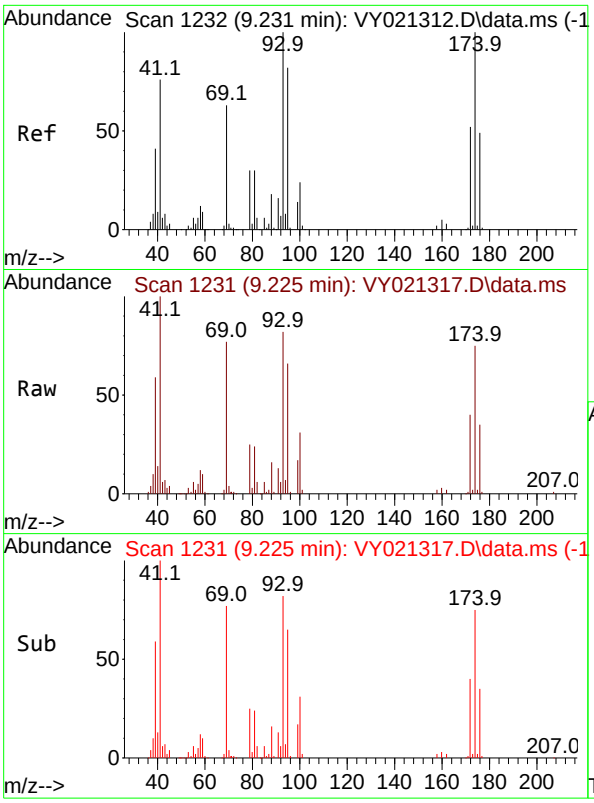


#48
Methyl methacrylate
Concen: 55.076 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 41 Resp: 71360

Ion	Ratio	Lower	Upper
41	100		
69	77.6	63.3	94.9
39	56.2	45.0	67.6

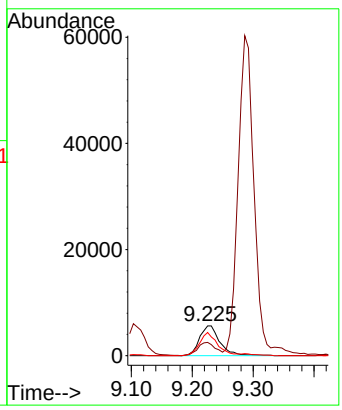




#49
1,4-Dioxane
Concen: 1053.076 ug/l
RT: 9.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 88 Resp: 1310

Ion	Ratio	Lower	Upper
88	100		
43	39.5	34.8	52.2
58	69.6	59.8	89.6



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

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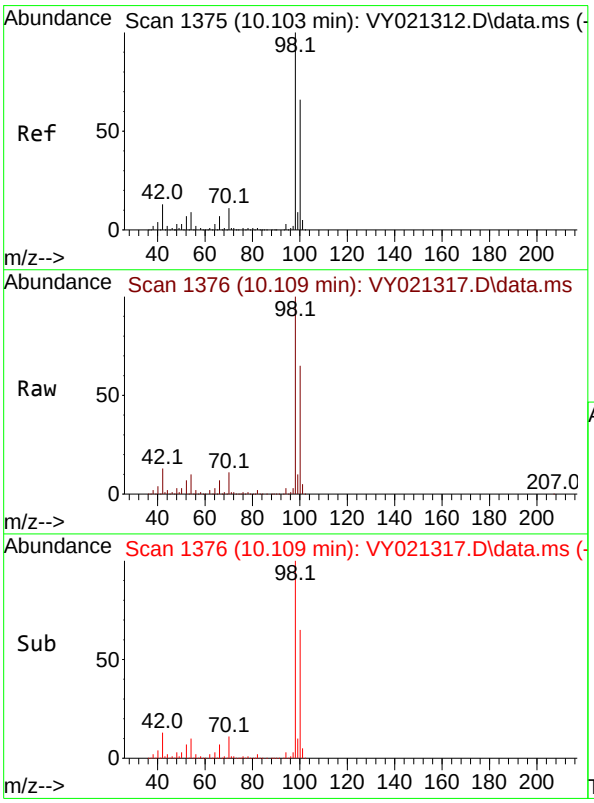
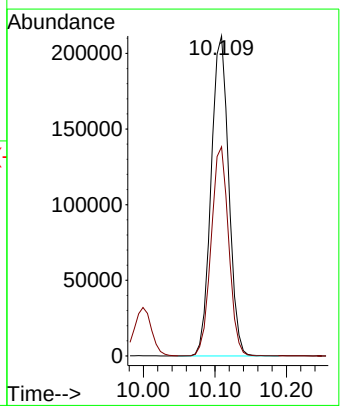
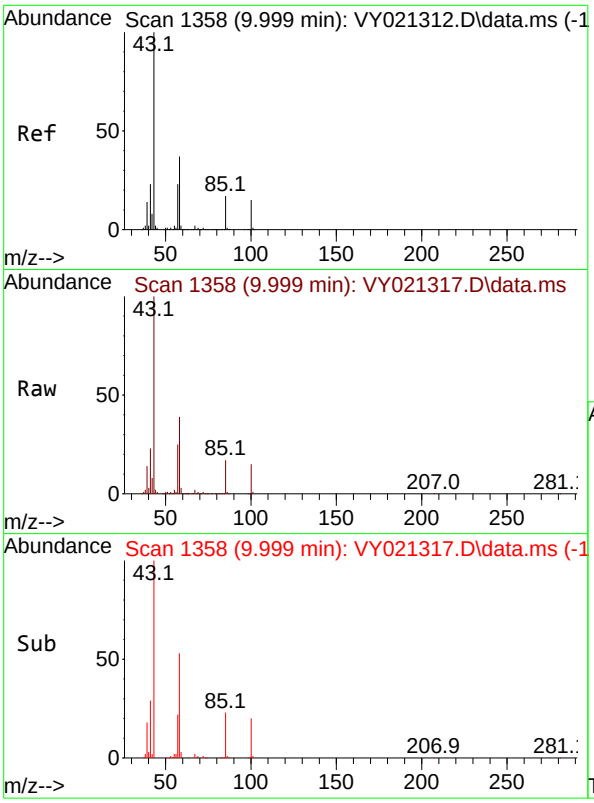


#50
Toluene-d8
Concen: 48.694 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 98 Resp: 360528

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.4	78.6

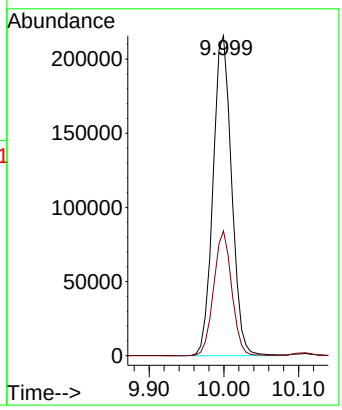




#51
4-Methyl-2-Pentanone
Concen: 262.628 ug/l
RT: 9.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 43 Resp: 37248

Ion	Ratio	Lower	Upper
43	100		
58	37.9	30.1	45.1



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

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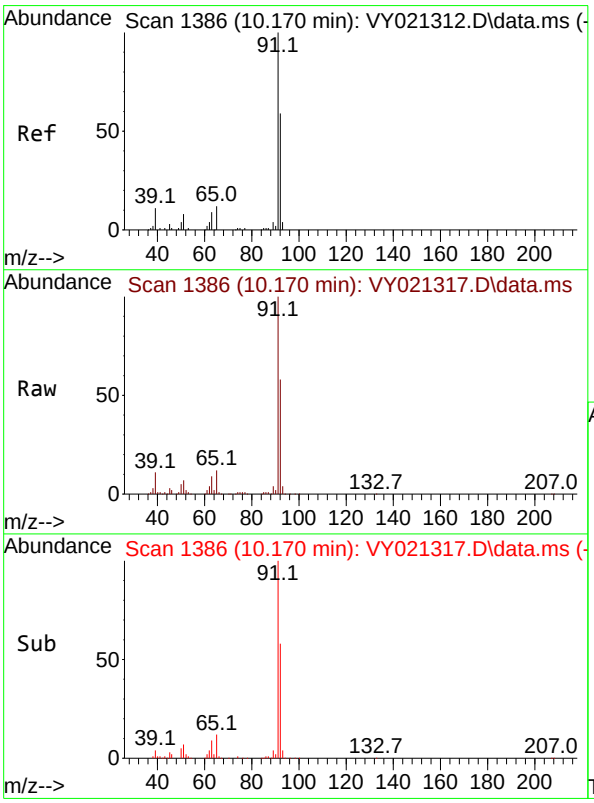
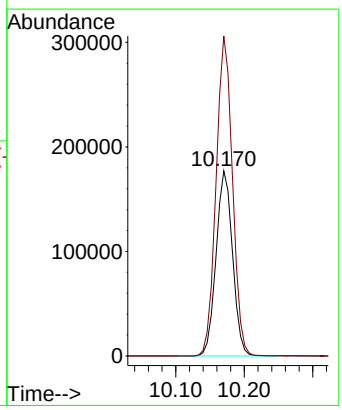
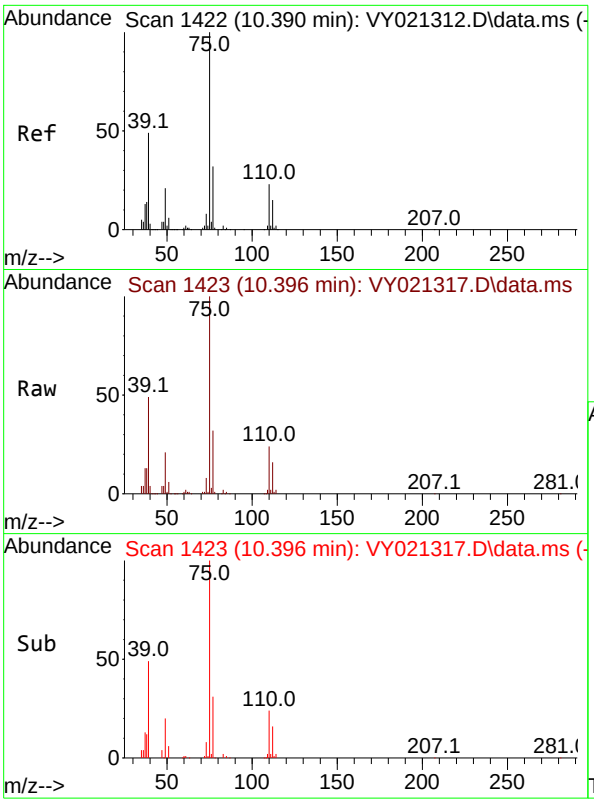


#52
Toluene
Concen: 55.674 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 92 Resp: 294219

Ion	Ratio	Lower	Upper
92	100		
91	172.4	137.8	206.8

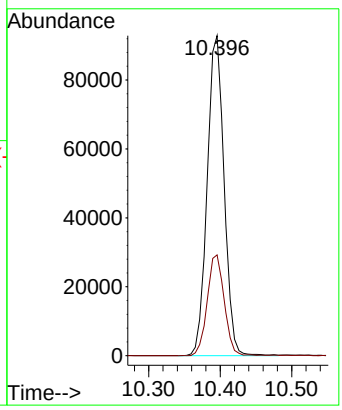




#53
t-1,3-Dichloropropene
Concen: 55.699 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 75 Resp: 15226

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.3	37.9



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

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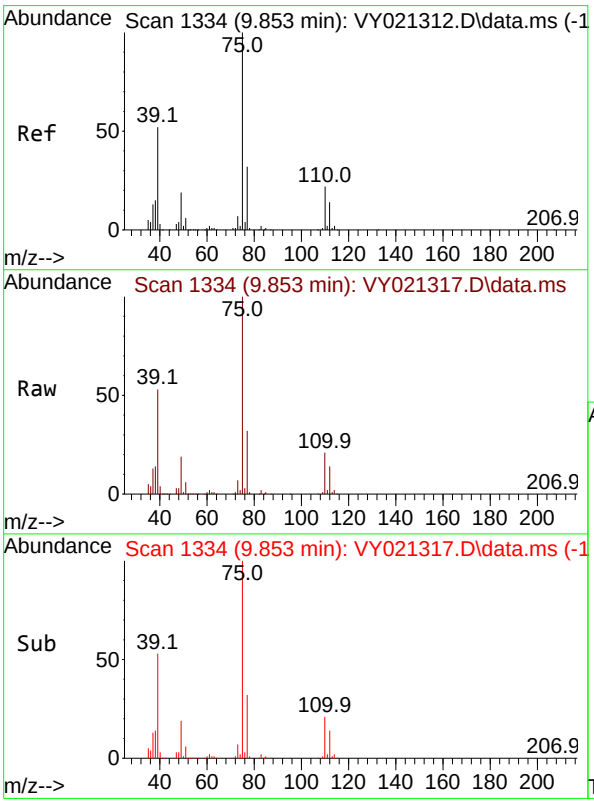
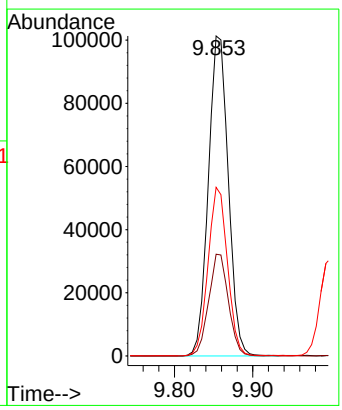
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

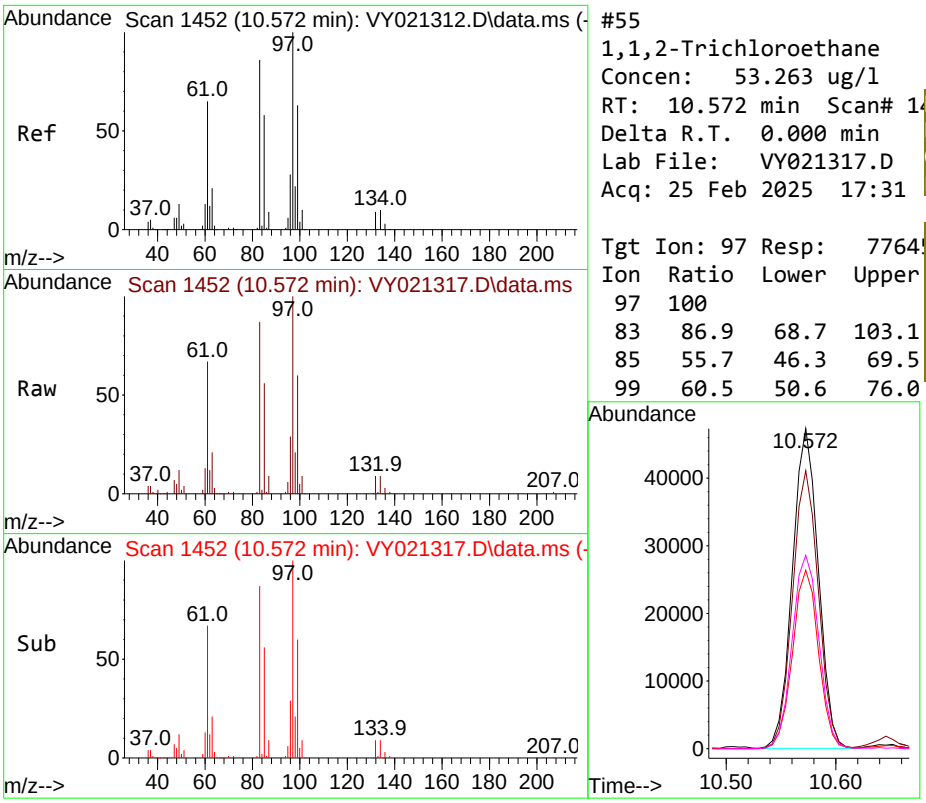


#54
cis-1,3-Dichloropropene
Concen: 55.451 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 75 Resp: 178951

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.7	38.5
39	52.6	41.8	62.6





#55
1,1,2-Trichloroethane
Concen: 53.263 ug/l
RT: 10.572 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 97 Resp: 7764

Ion	Ratio	Lower	Upper
97	100		
83	86.9	68.7	103.1
85	55.7	46.3	69.5
99	60.5	50.6	76.0

Instrument :
MSVOA_Y
ClientSampleId :
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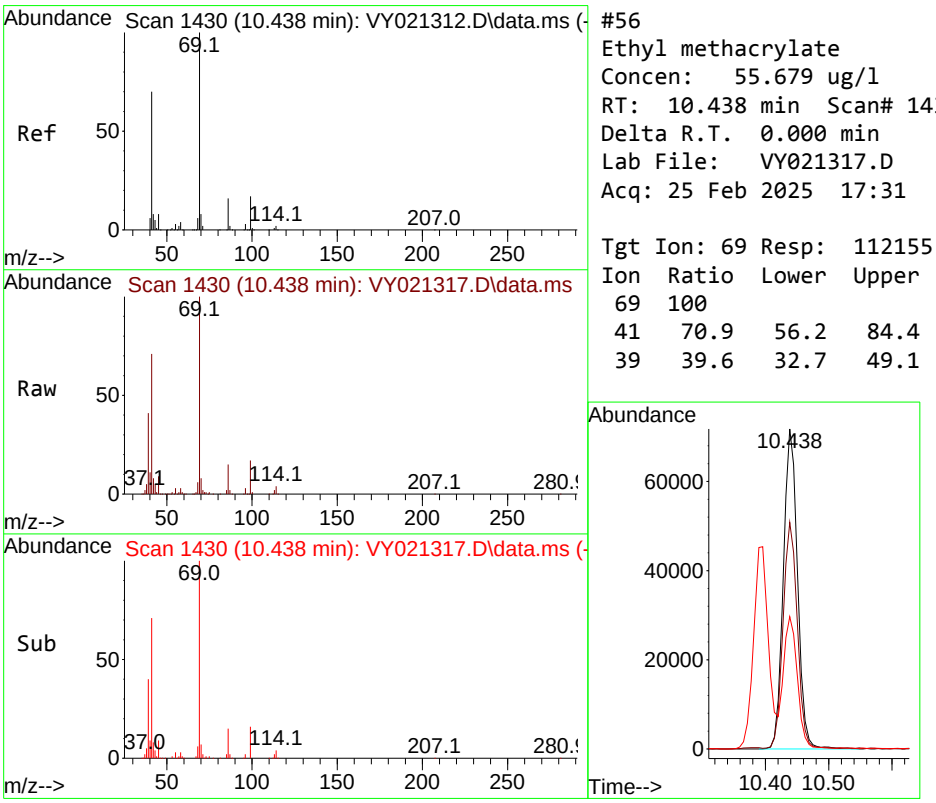
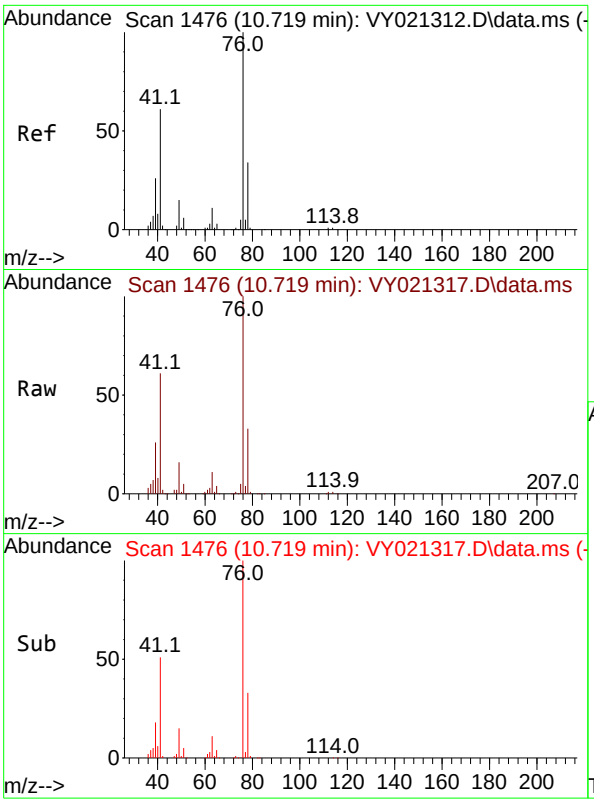


#56
Ethyl methacrylate
Concen: 55.679 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 69 Resp: 112155

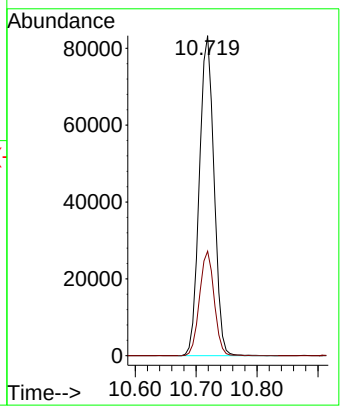
Ion	Ratio	Lower	Upper
69	100		
41	70.9	56.2	84.4
39	39.6	32.7	49.1



#57
1,3-Dichloropropane
Concen: 54.438 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 76 Resp: 13925

Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.9	38.9



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

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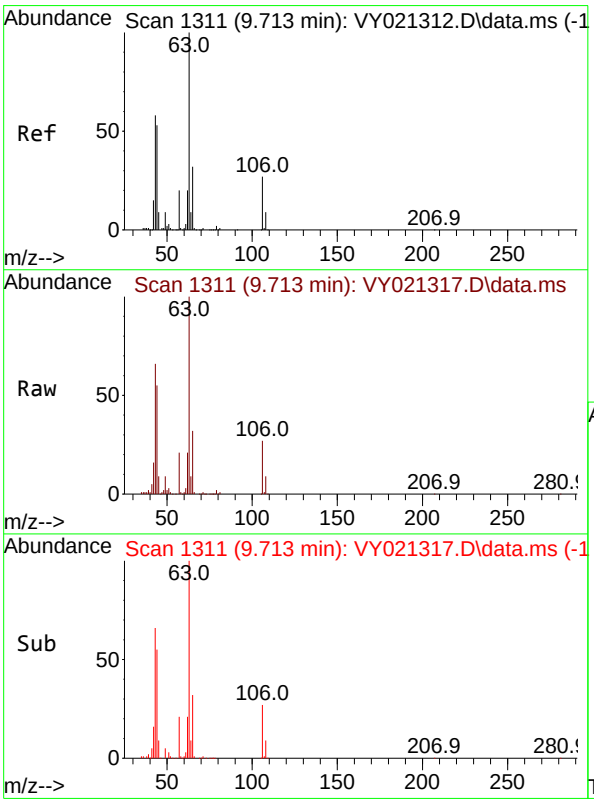
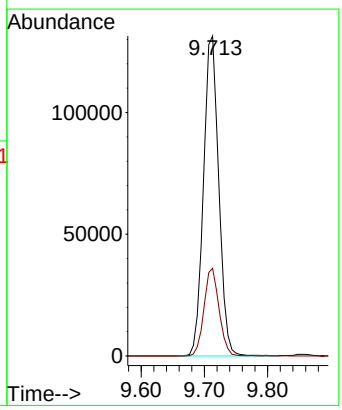
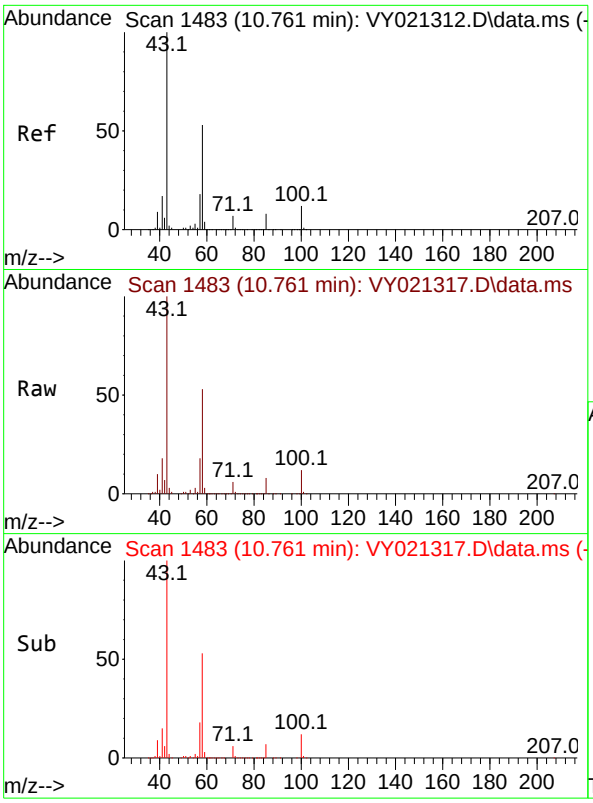


#58
2-Chloroethyl Vinyl ether
Concen: 228.990 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 63 Resp: 221395

Ion	Ratio	Lower	Upper
63	100		
106	27.0	21.7	32.5

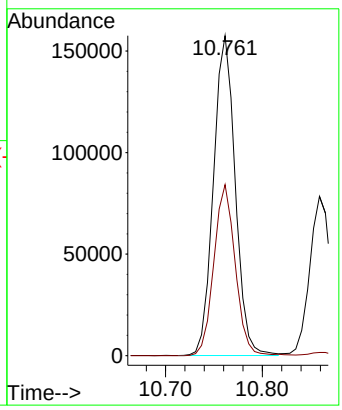




#59
2-Hexanone
Concen: 264.133 ug/l
RT: 10.761 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 43 Resp: 24603

Ion	Ratio	Lower	Upper
43	100		
58	52.6	25.9	77.6



Instrument :
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ClientSampleId :
ICVVY022525

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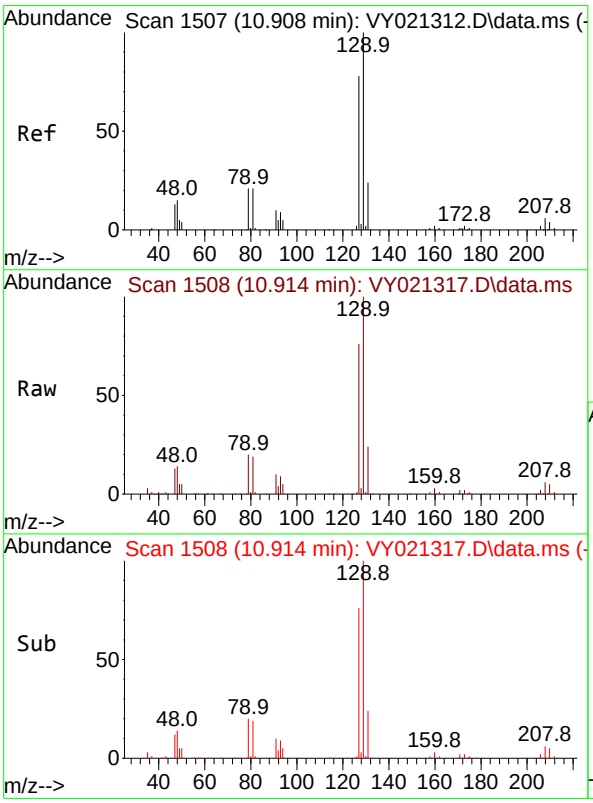
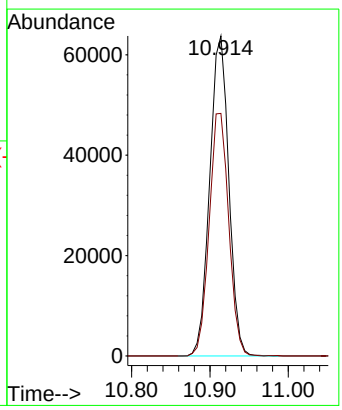
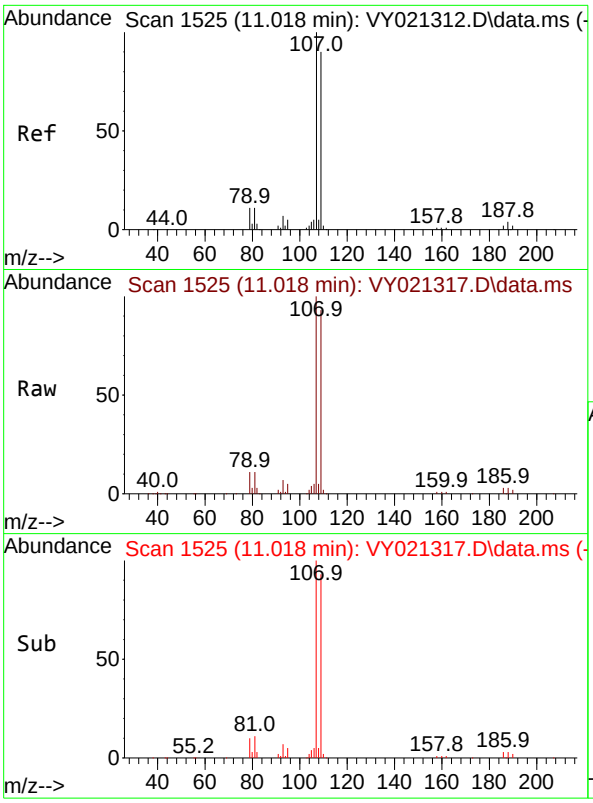


#60
Dibromochloromethane
Concen: 54.329 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:129 Resp: 107866

Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.8	116.4

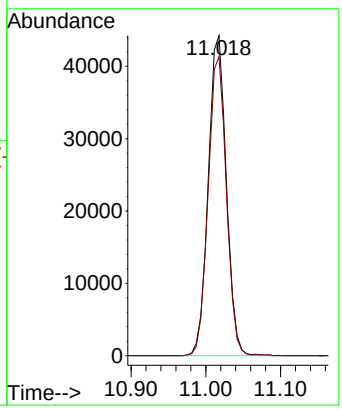




#61
1,2-Dibromoethane
Concen: 53.942 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:107 Resp: 7444

Ion	Ratio	Lower	Upper
107	100		
109	94.1	73.8	110.8



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

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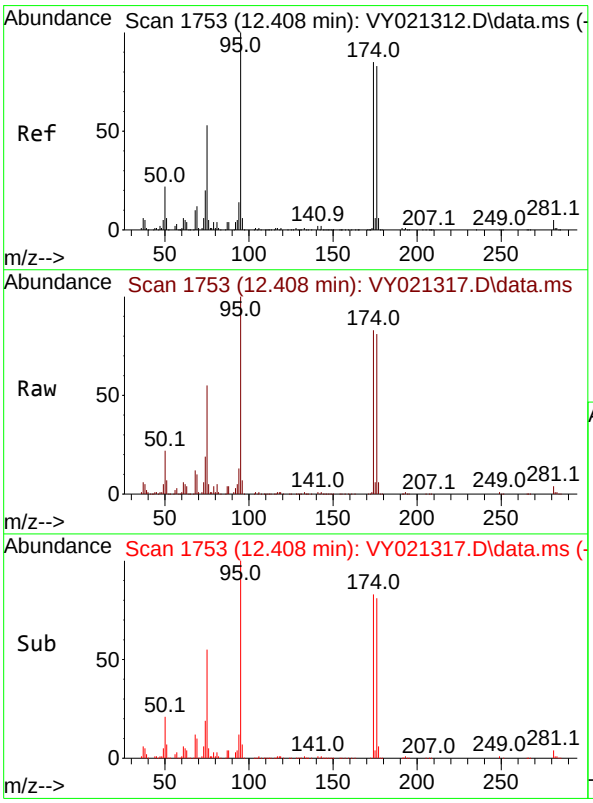
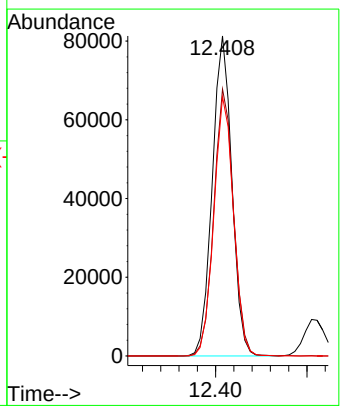
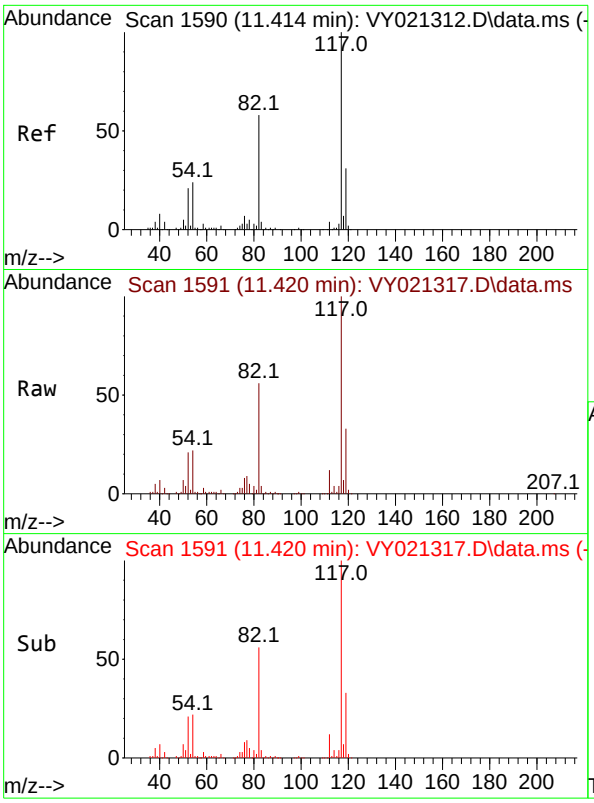


#62
4-Bromofluorobenzene
Concen: 48.549 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 95 Resp: 120972

Ion	Ratio	Lower	Upper
95	100		
174	83.9	0.0	168.0
176	81.4	0.0	162.6

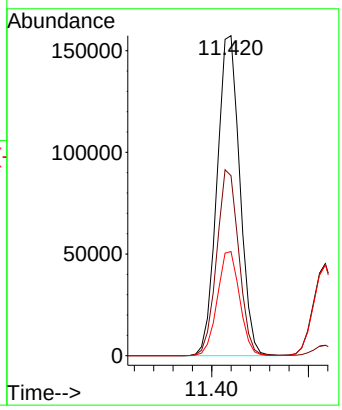




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:117 Resp: 25712

Ion	Ratio	Lower	Upper
117	100		
82	56.3	46.2	69.4
119	32.5	24.9	37.3



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

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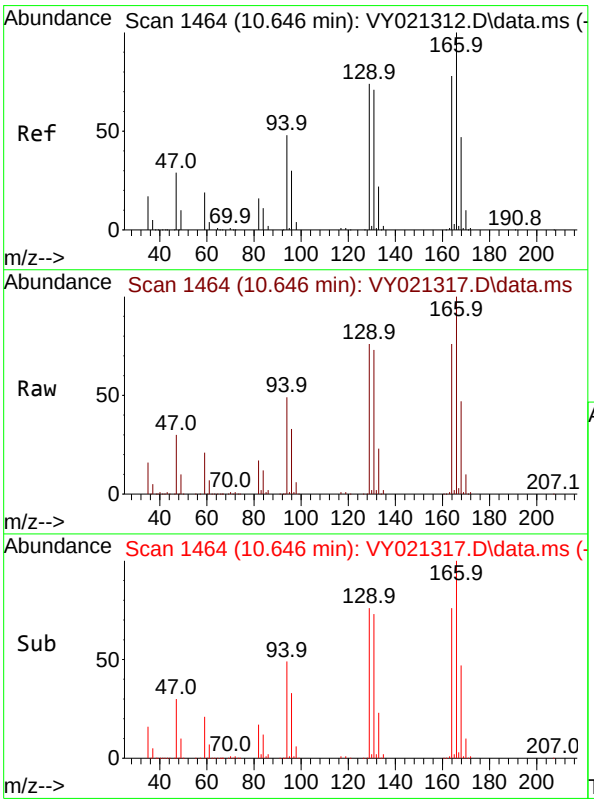
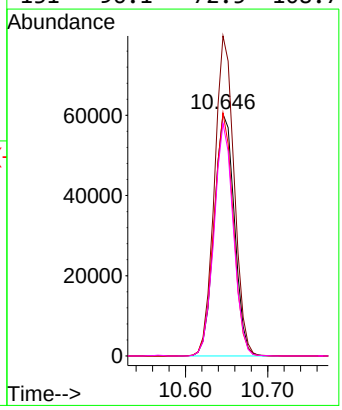
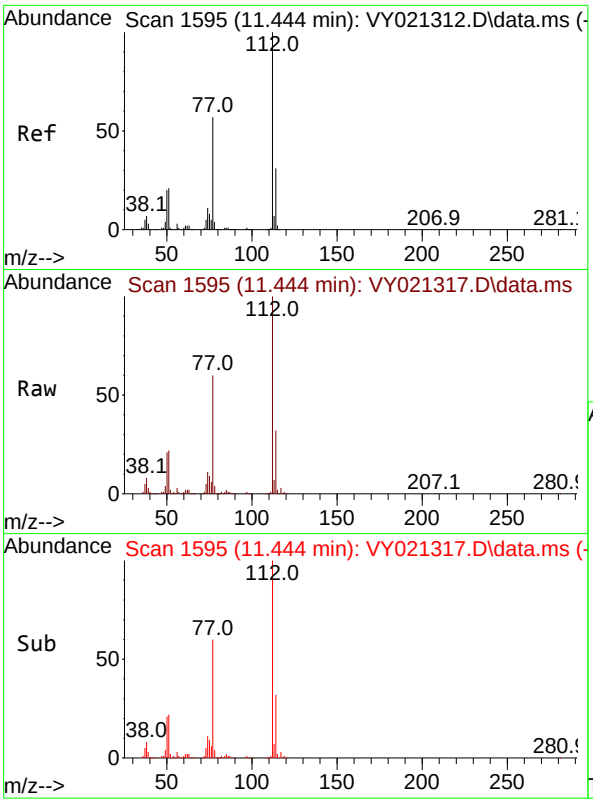


#64
Tetrachloroethene
Concen: 52.940 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:164 Resp: 102887

Ion	Ratio	Lower	Upper
164	100		
166	132.2	101.9	152.9
129	100.4	75.5	113.3
131	96.1	72.5	108.7

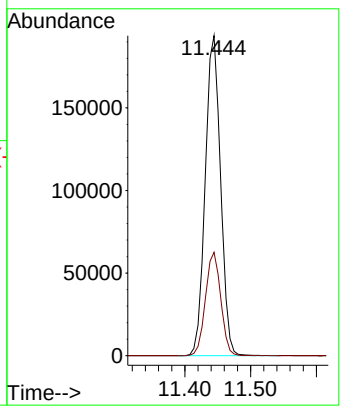




#65
Chlorobenzene
Concen: 54.410 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:112 Resp: 31404

Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.0	37.6



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

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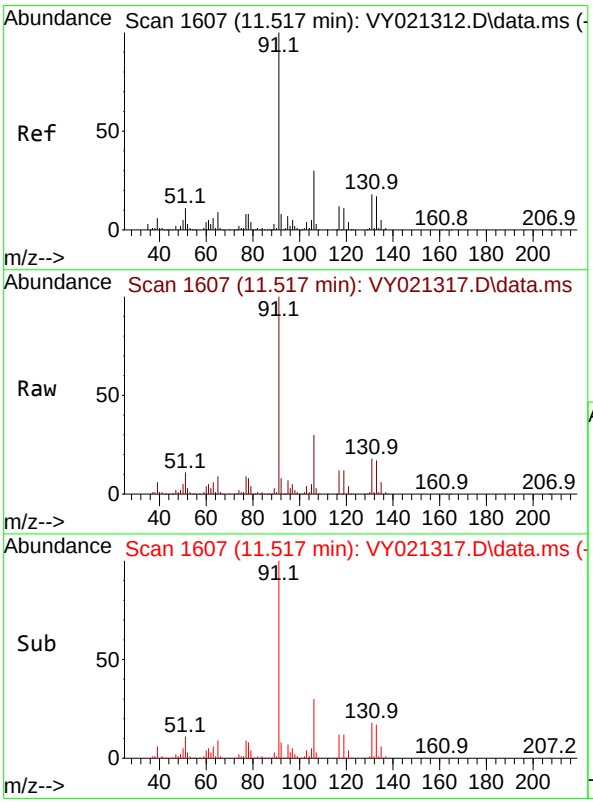
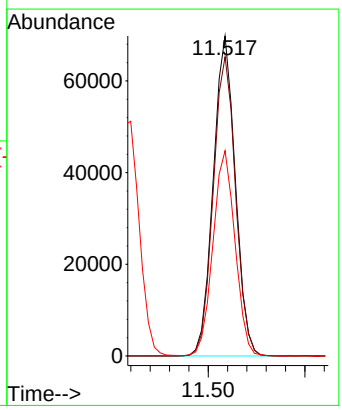
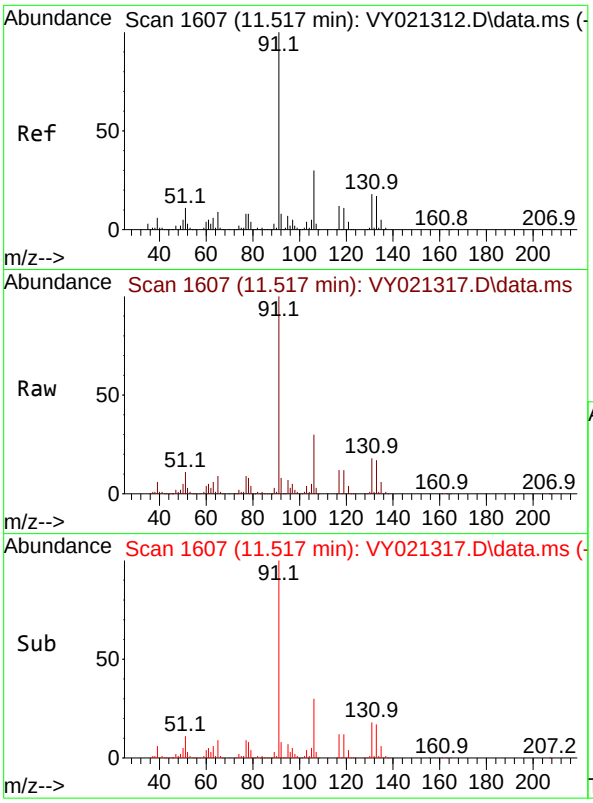


#66
1,1,1,2-Tetrachloroethane
Concen: 54.517 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:131 Resp: 110179

Ion	Ratio	Lower	Upper
131	100		
133	94.9	47.9	143.6
119	64.3	31.7	95.1

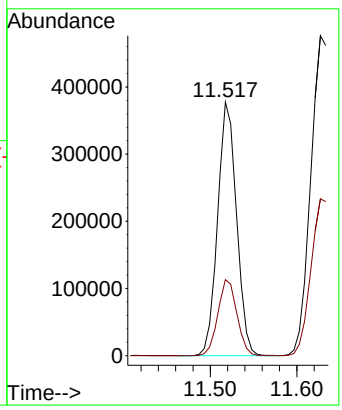




#67
Ethyl Benzene
Concen: 55.992 ug/l
RT: 11.517 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 91 Resp: 57242

Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.4	36.6



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

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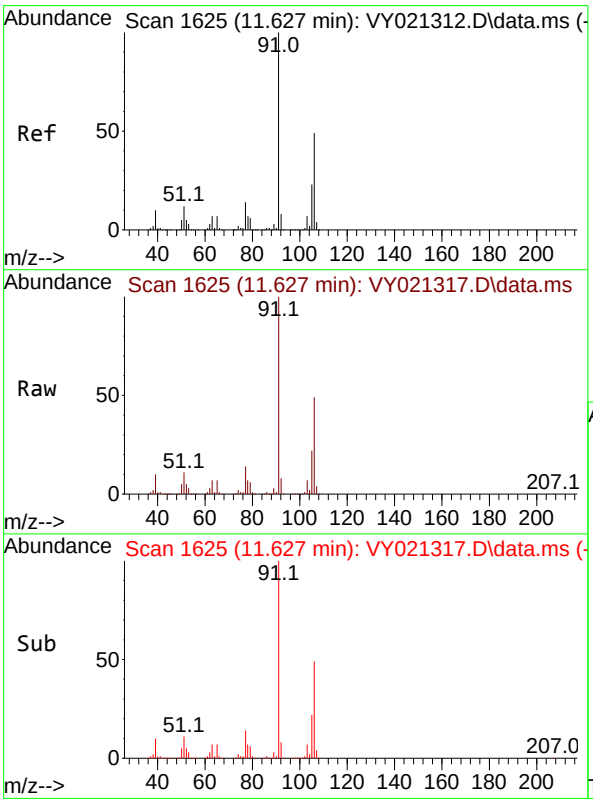
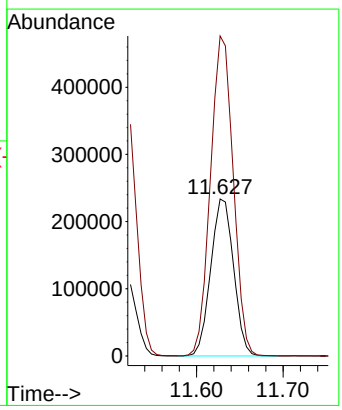
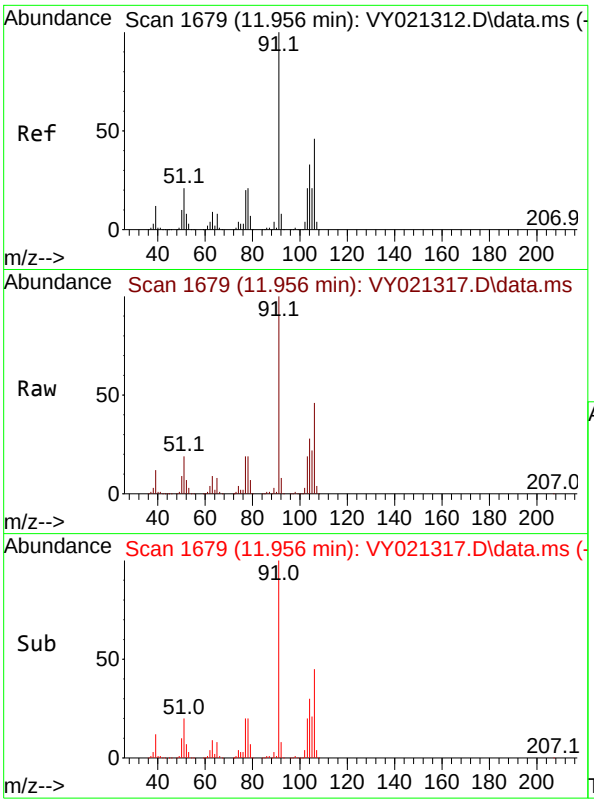


#68
m/p-Xylenes
Concen: 111.274 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:106 Resp: 427892

Ion	Ratio	Lower	Upper
106	100		
91	203.4	163.9	245.9

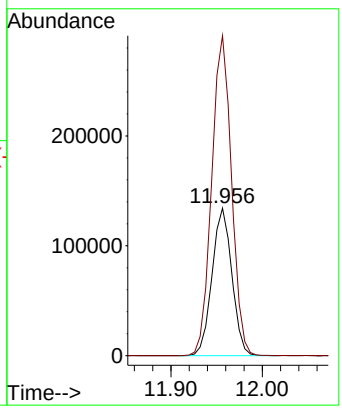




#69
o-Xylene
Concen: 56.108 ug/l
RT: 11.956 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:106 Resp: 20212

Ion	Ratio	Lower	Upper
106	100		
91	217.2	108.1	324.2



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

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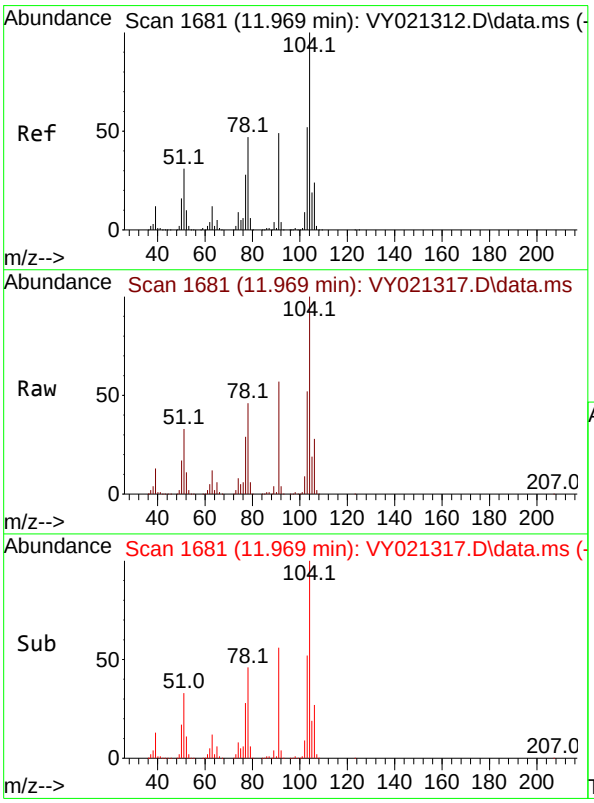
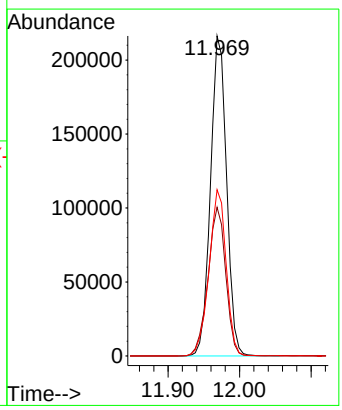
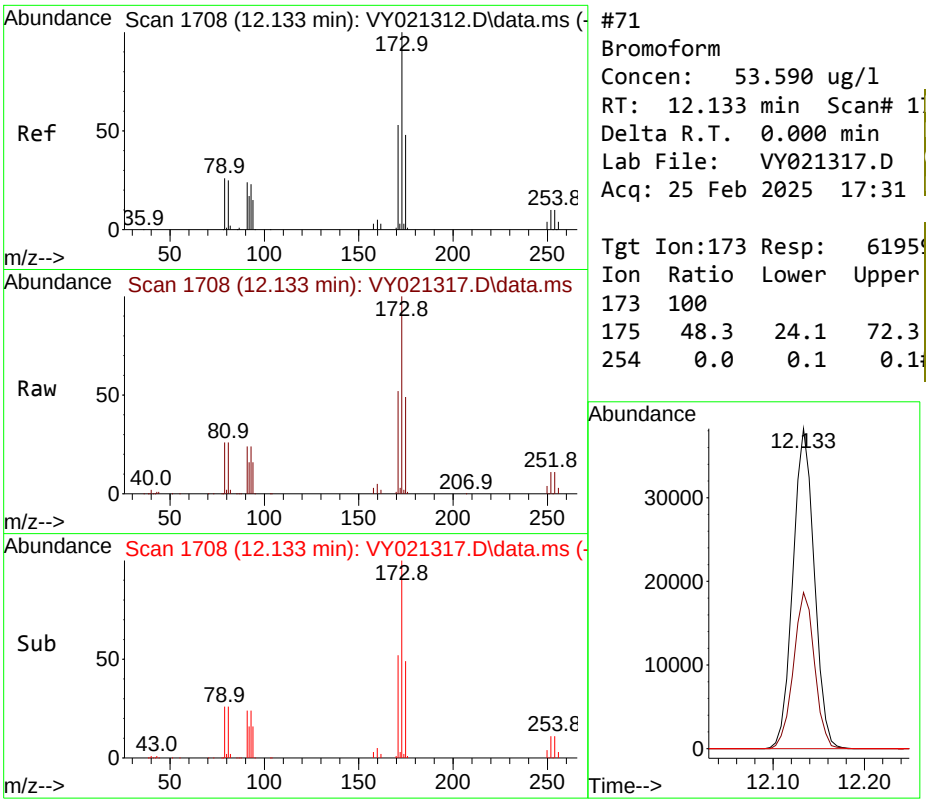


#70
Styrene
Concen: 56.307 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:104 Resp: 337489

Ion	Ratio	Lower	Upper
104	100		
78	51.1	41.3	61.9
103	55.3	43.9	65.9





#71
Bromoform
Concen: 53.590 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:173 Resp: 6195

Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.1	72.3
254	0.0	0.1	0.1#

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Manual Integrations
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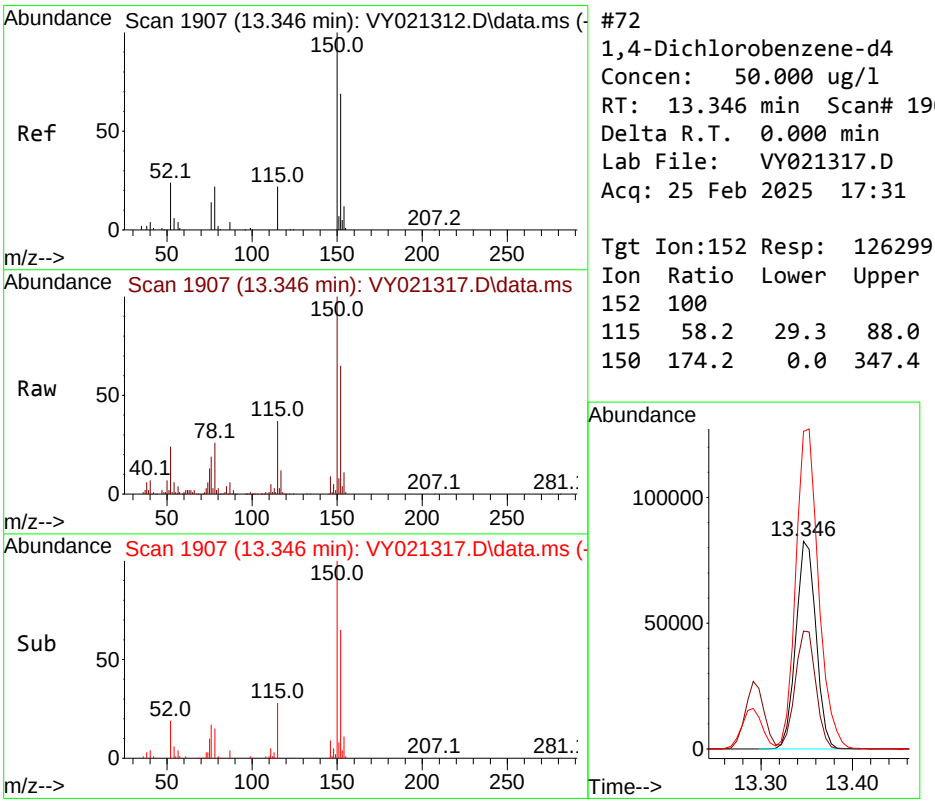
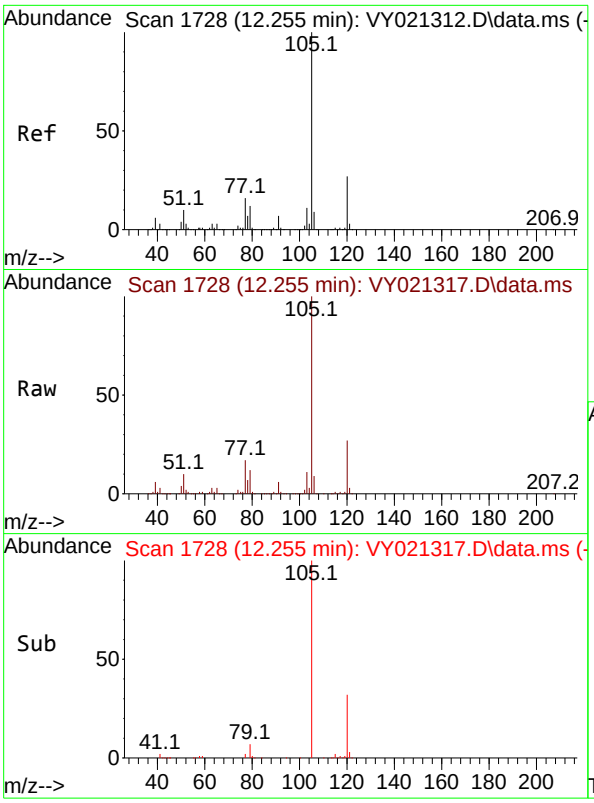


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:152 Resp: 126299

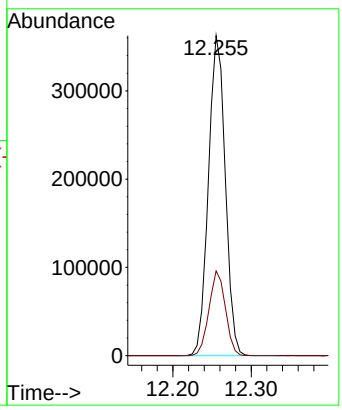
Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.3	88.0
150	174.2	0.0	347.4



#73
Isopropylbenzene
Concen: 56.974 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:105 Resp: 54097

Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.3	39.8



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

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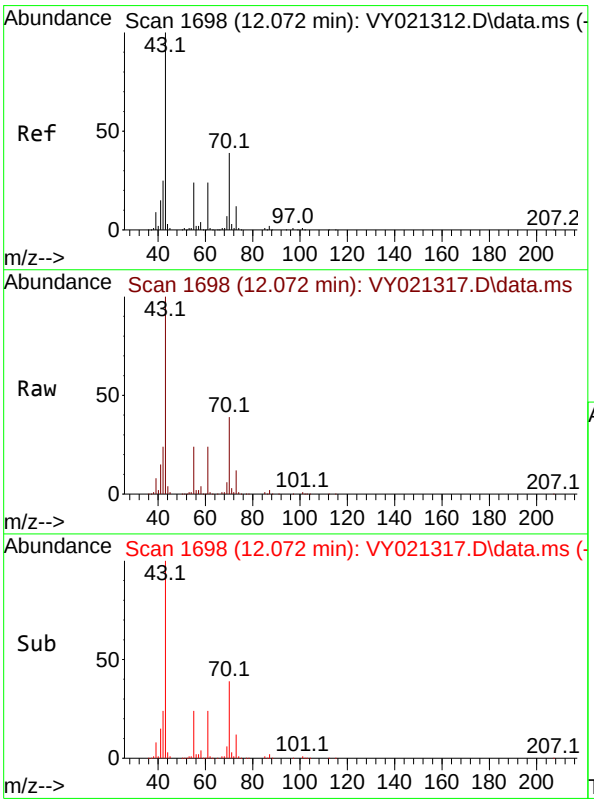
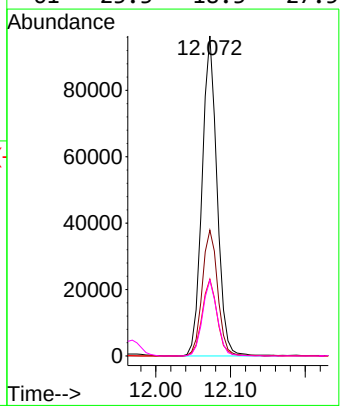
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

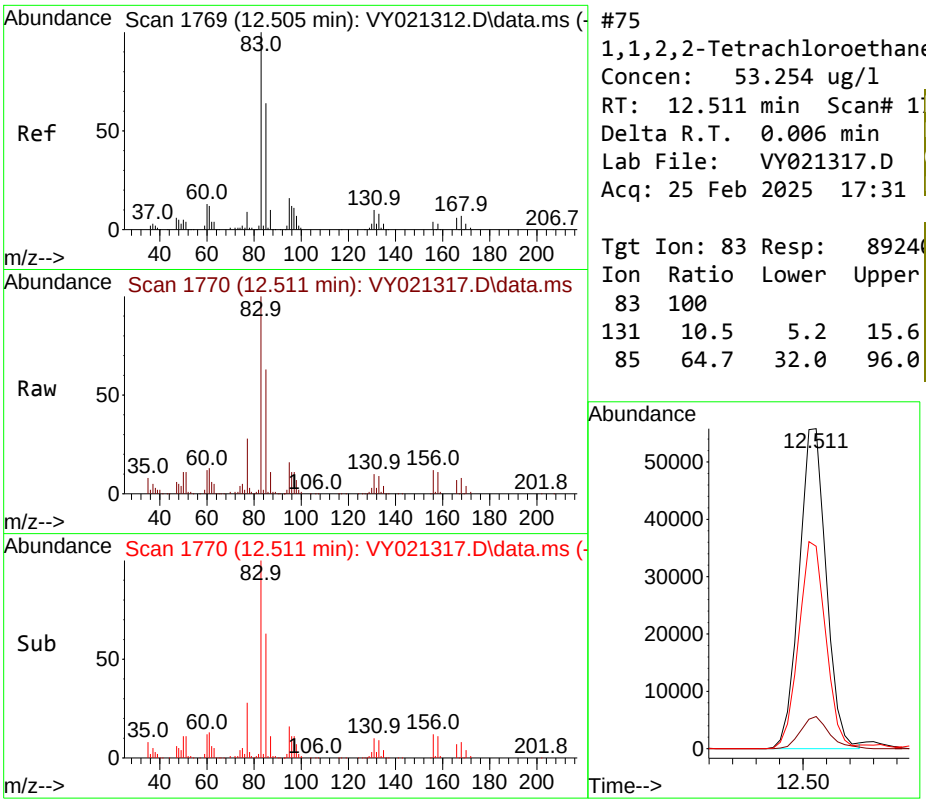


#74
N-amyl acetate
Concen: 55.509 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 43 Resp: 133968

Ion	Ratio	Lower	Upper
43	100		
70	40.9	32.2	48.2
55	24.2	19.6	29.4
61	23.3	18.3	27.5





#75
1,1,2,2-Tetrachloroethane
Concen: 53.254 ug/l
RT: 12.511 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 83 Resp: 8924

Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.2	15.6
85	64.7	32.0	96.0

Instrument :
MSVOA_Y
ClientSampleId :
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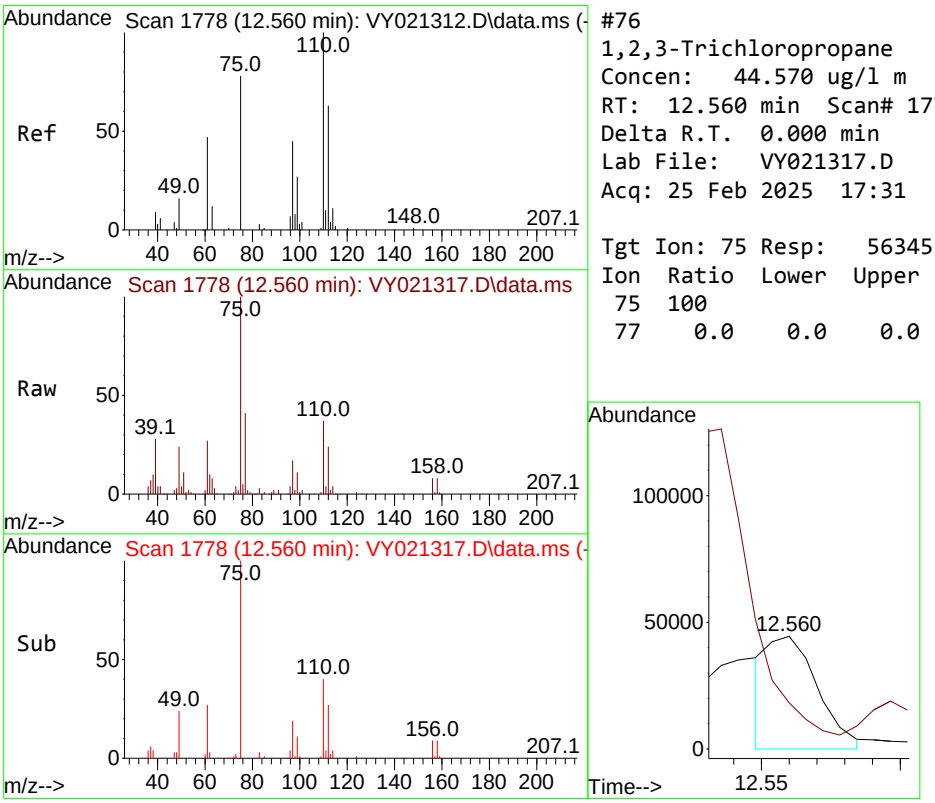
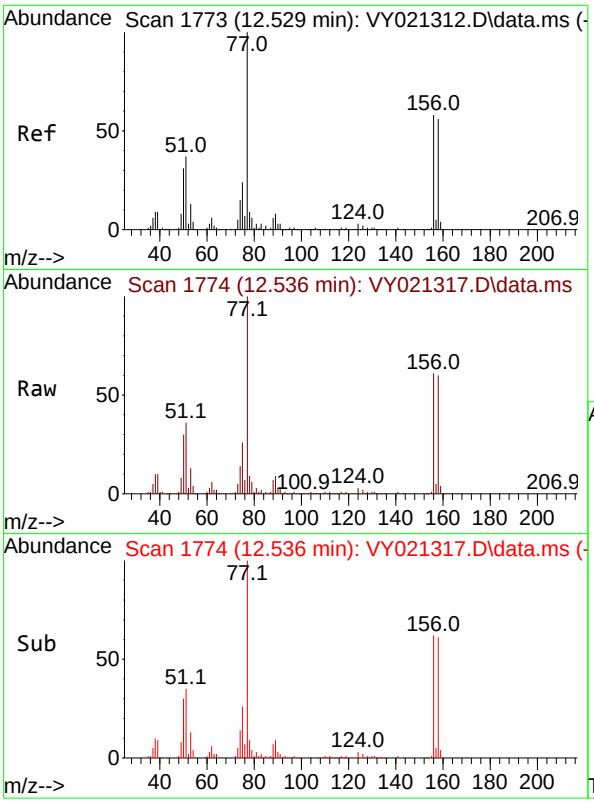


#76
1,2,3-Trichloropropane
Concen: 44.570 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 75 Resp: 56345

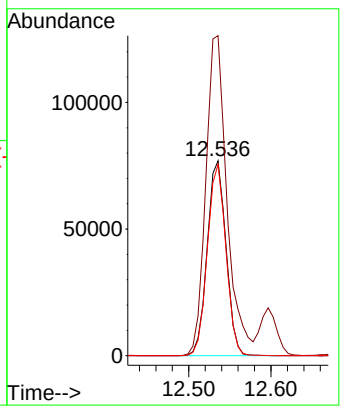
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



#77
Bromobenzene
Concen: 55.296 ug/l
RT: 12.536 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:156 Resp: 12212

Ion	Ratio	Lower	Upper
156	100		
77	185.0	94.0	282.1
158	96.6	48.7	146.1



Instrument :
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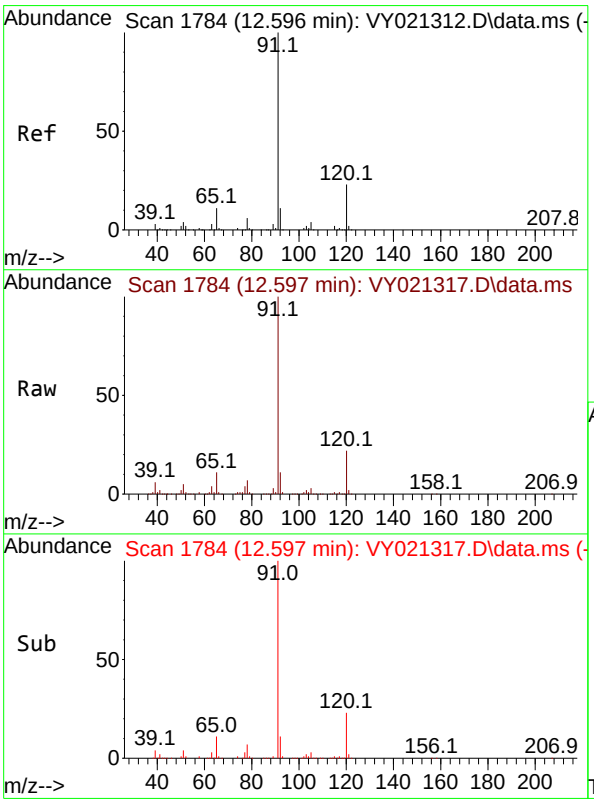
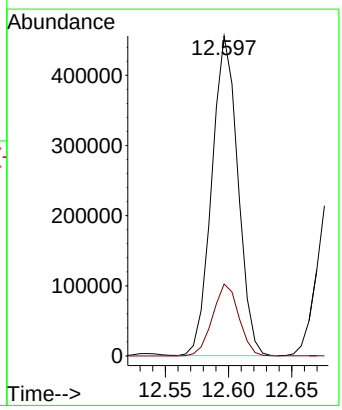
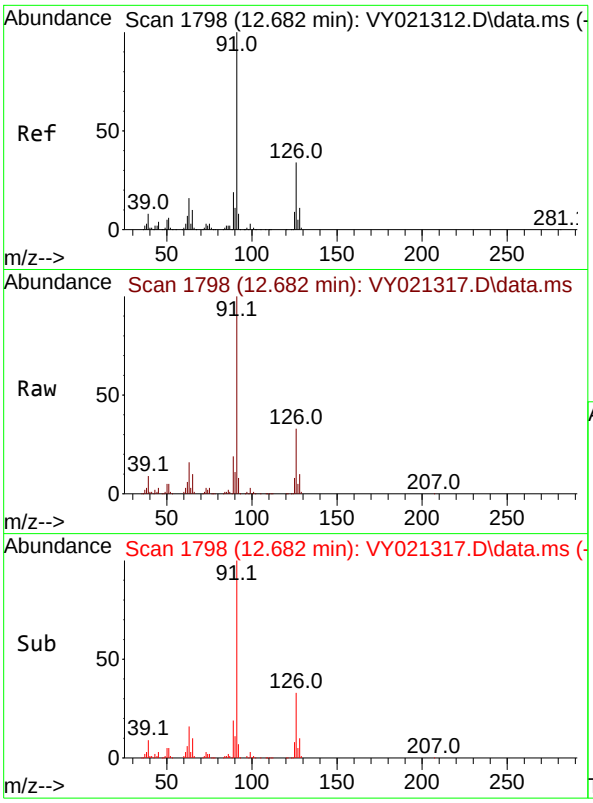


#78
n-propylbenzene
Concen: 56.783 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 91 Resp: 654255

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.2	33.5

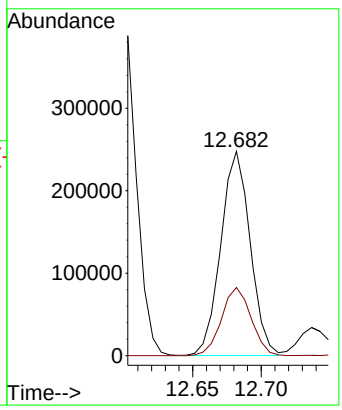




#79
2-Chlorotoluene
Concen: 55.813 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 91 Resp: 36906

Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.9	50.6



Instrument :
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ClientSampleId :
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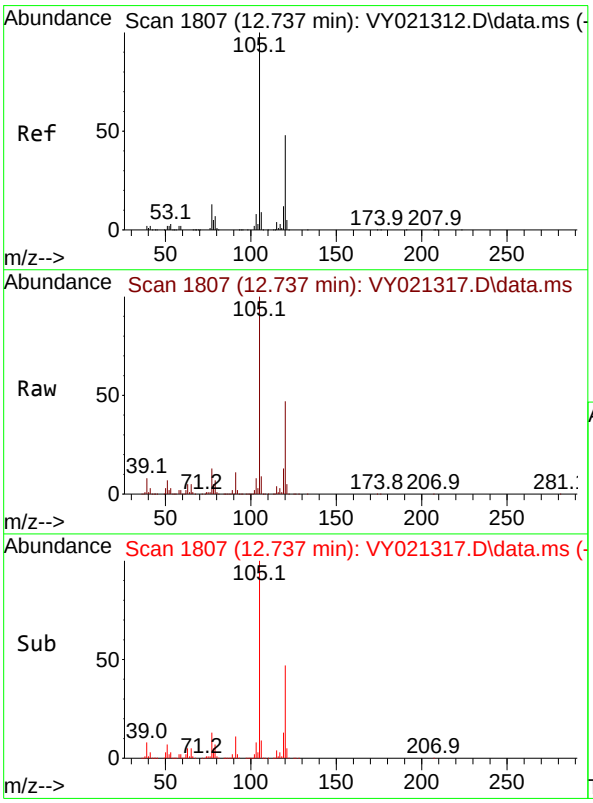
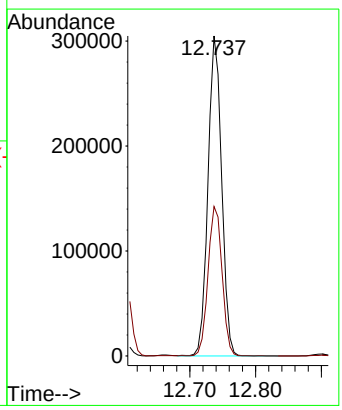
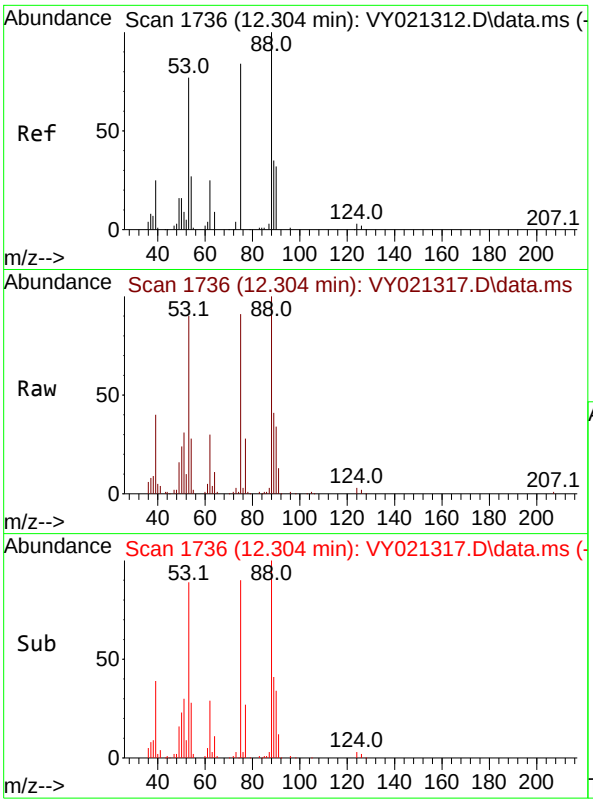


#80
1,3,5-Trimethylbenzene
Concen: 56.549 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:105 Resp: 440379

Ion	Ratio	Lower	Upper
105	100		
120	47.9	24.3	73.0

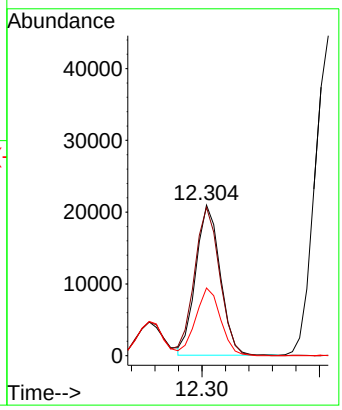




#81
trans-1,4-Dichloro-2-butene
Concen: 53.216 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 75 Resp: 3026

Ion	Ratio	Lower	Upper
75	100		
53	103.4	79.1	118.7
89	45.8	35.6	53.4



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

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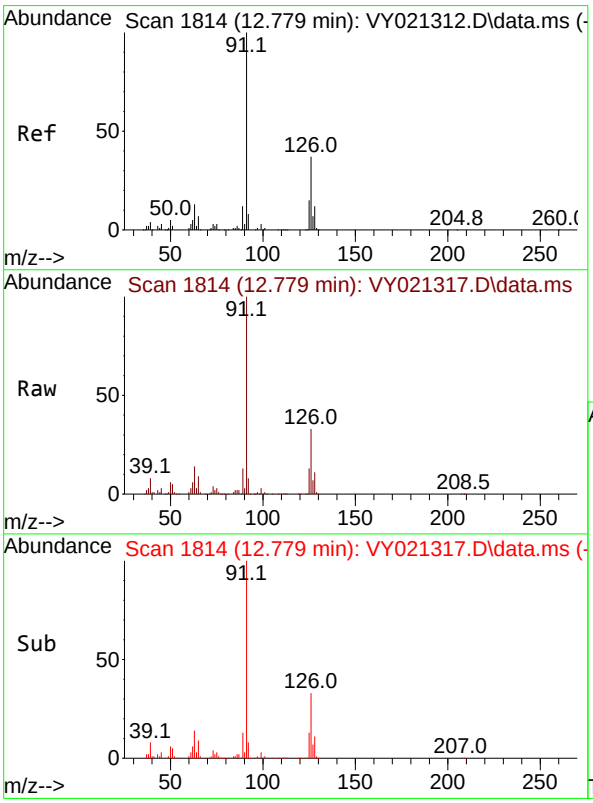
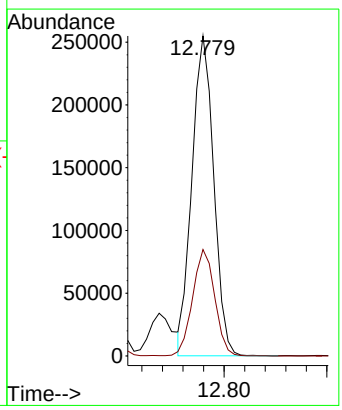
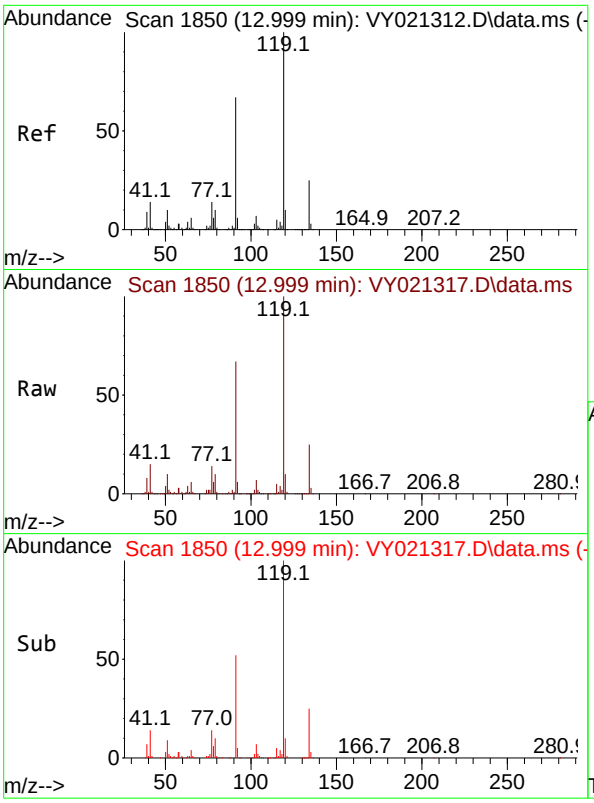


#82
4-Chlorotoluene
Concen: 54.757 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 91 Resp: 375340

Ion	Ratio	Lower	Upper
91	100		
126	33.9	16.8	50.4

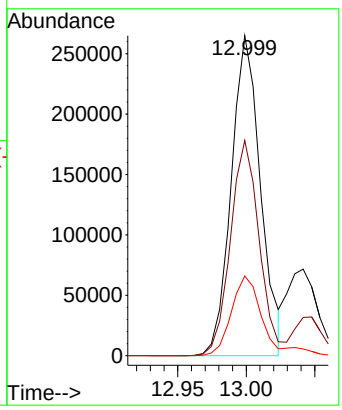




#83
tert-Butylbenzene
Concen: 55.900 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:119 Resp: 39322

Ion	Ratio	Lower	Upper
119	100		
91	66.5	32.7	98.1
134	26.8	13.3	39.9



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

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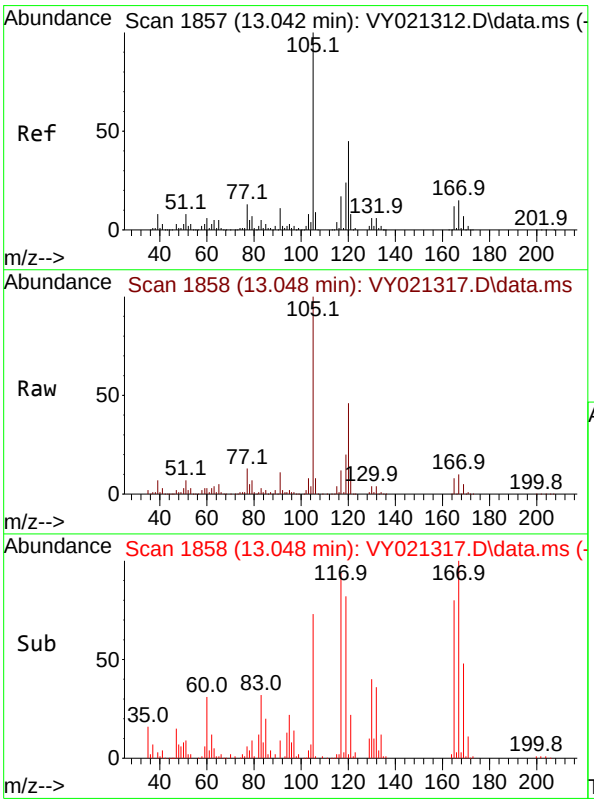
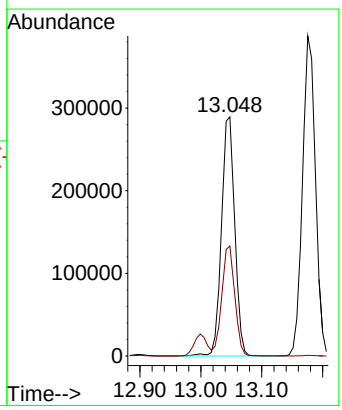
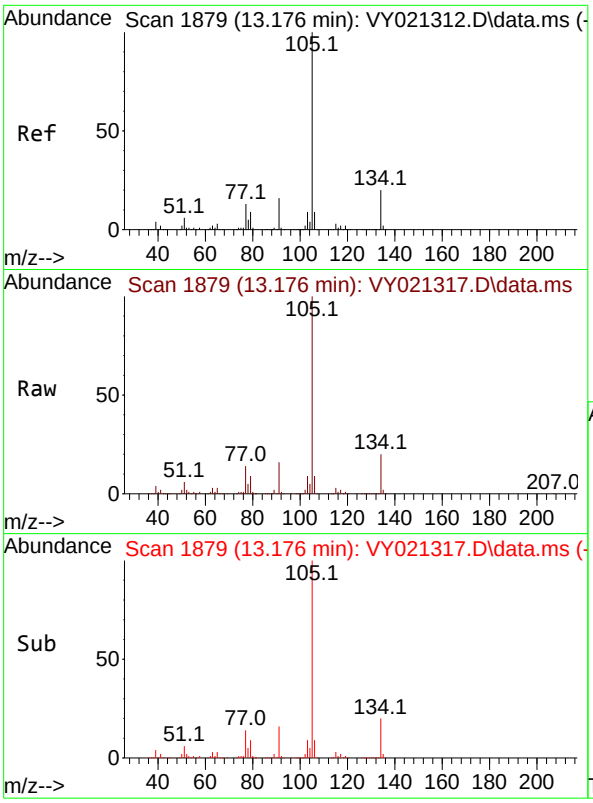


#84
1,2,4-Trimethylbenzene
Concen: 56.621 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:105 Resp: 438538

Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.4	67.3

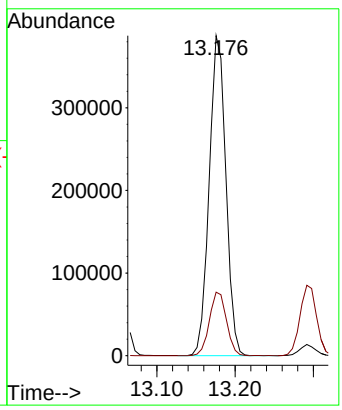




#85
sec-Butylbenzene
Concen: 55.655 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:105 Resp: 57187

Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.0	30.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

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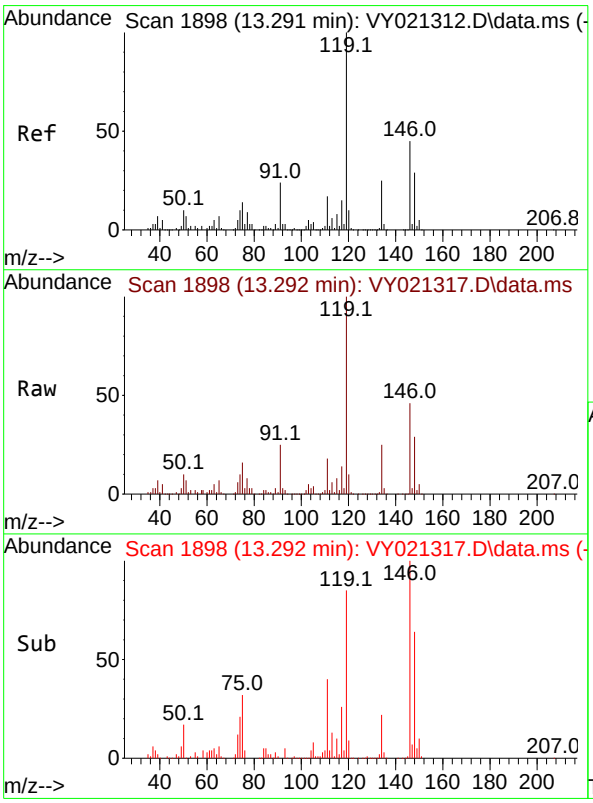
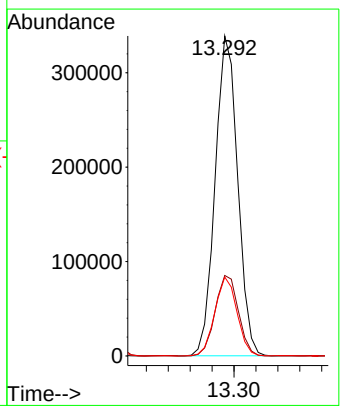
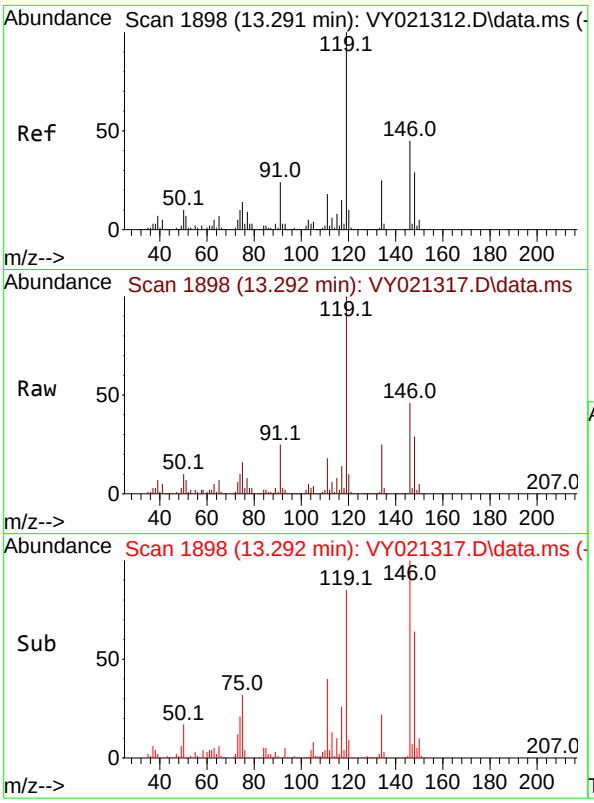


#86
p-Isopropyltoluene
Concen: 56.427 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:119 Resp: 484140

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.0	38.9
91	24.2	12.0	36.1

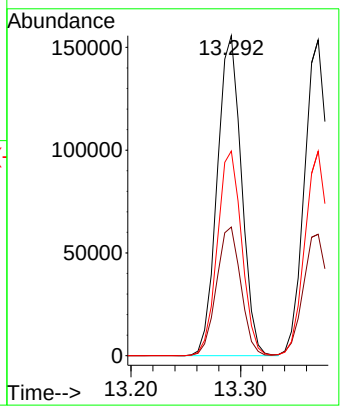




#87
1,3-Dichlorobenzene
Concen: 54.800 ug/l
RT: 13.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:146 Resp: 23940

Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.0	59.9
148	64.1	31.9	95.9



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

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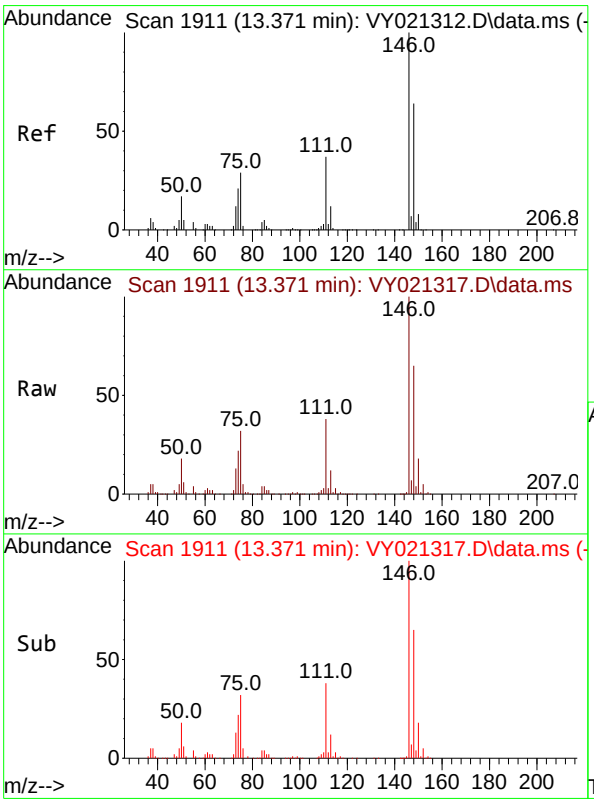
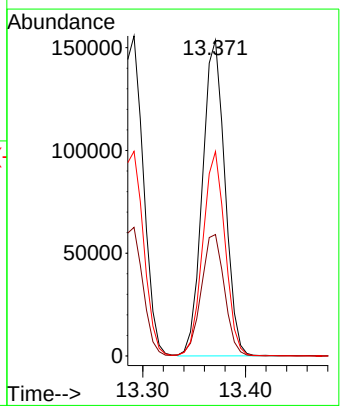
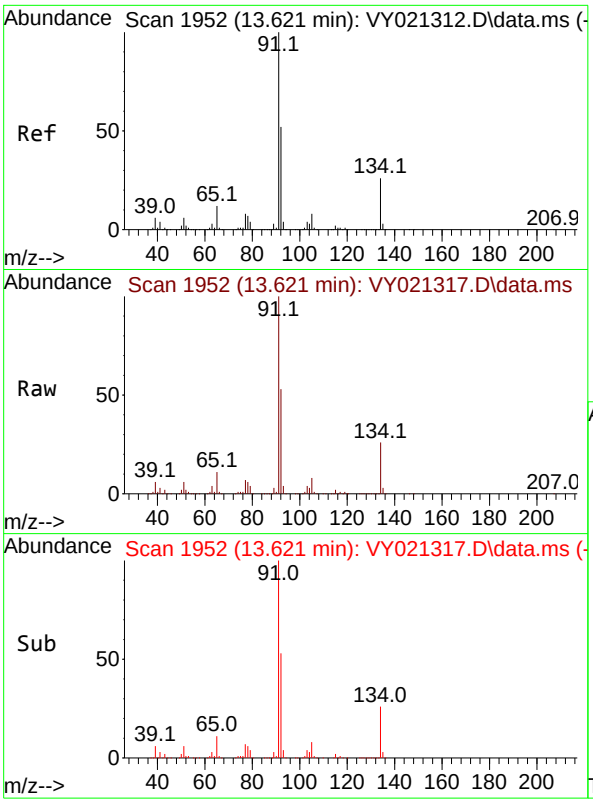


#88
1,4-Dichlorobenzene
Concen: 54.098 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:146 Resp: 233477

Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.5	58.5
148	64.2	32.0	96.2

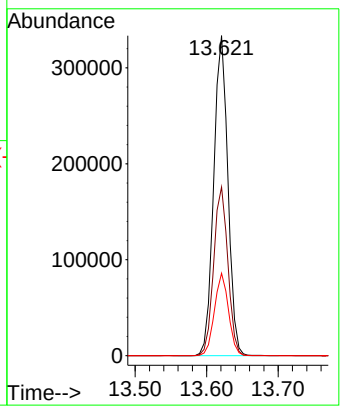




#89
n-Butylbenzene
Concen: 56.856 ug/l
RT: 13.621 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 91 Resp: 45906

Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.4	79.2
134	25.6	12.7	38.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

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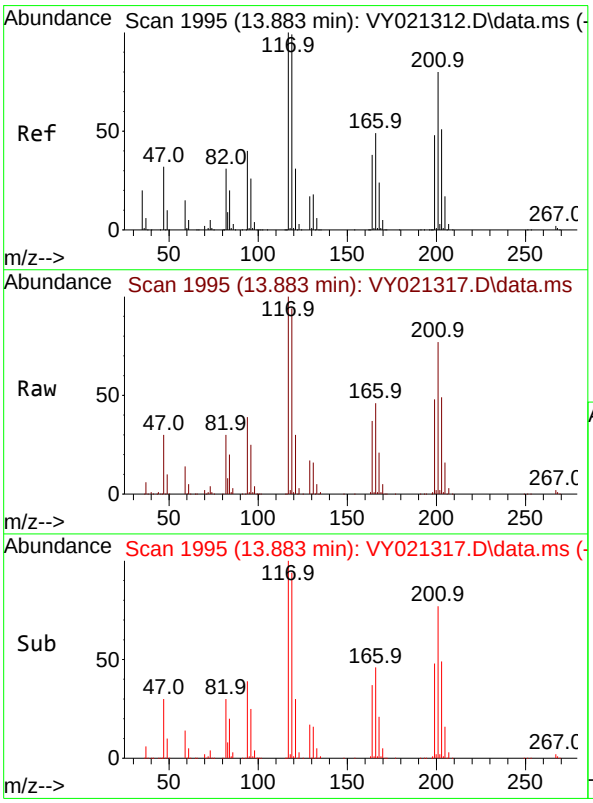
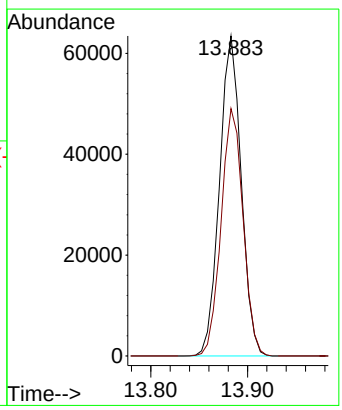
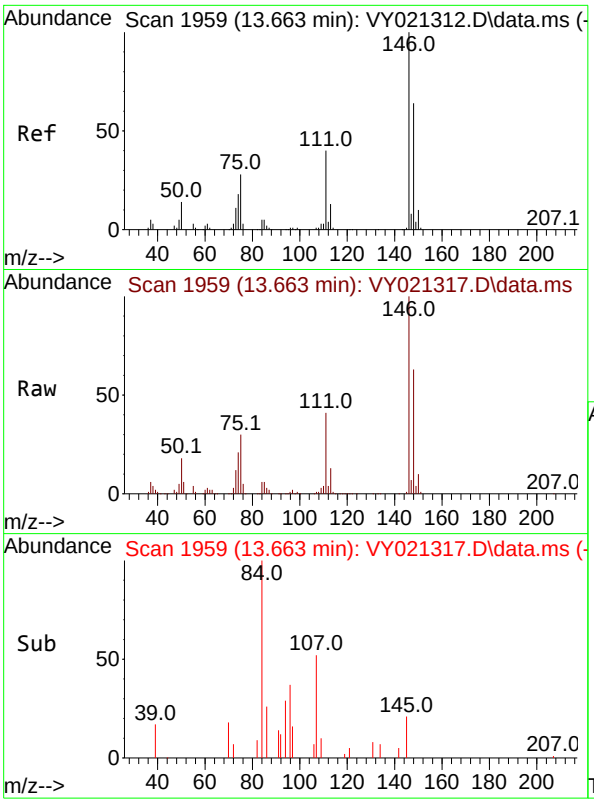


#90
Hexachloroethane
Concen: 55.035 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:117 Resp: 98634

Ion	Ratio	Lower	Upper
117	100		
201	78.0	38.4	115.2

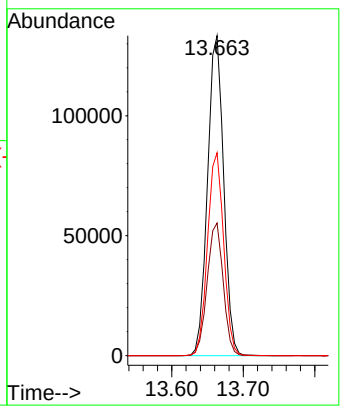




#91
1,2-Dichlorobenzene
Concen: 54.545 ug/l
RT: 13.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:146 Resp: 20877

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.7	62.1
148	63.4	31.7	95.1



Instrument :
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ClientSampleId :
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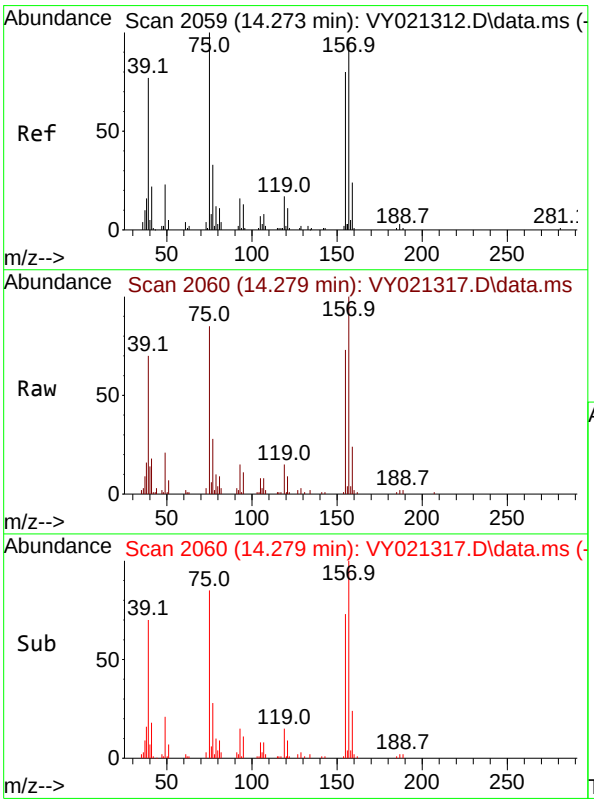
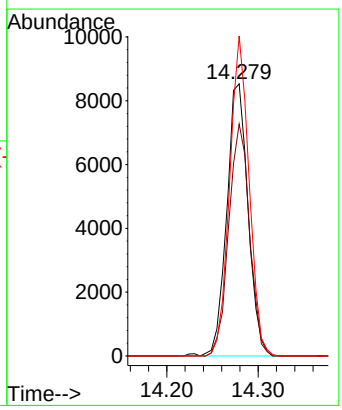
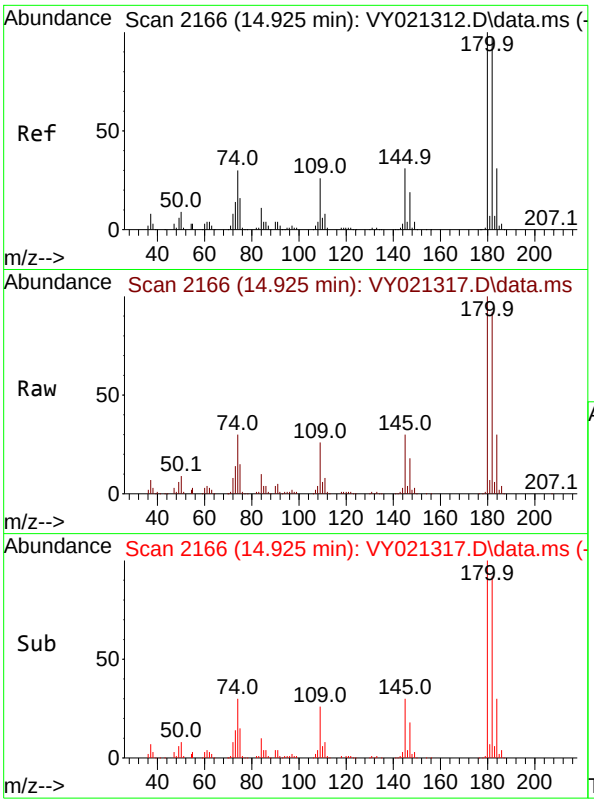


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.137 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 75 Resp: 13821

Ion	Ratio	Lower	Upper
75	100		
155	83.0	41.9	125.6
157	107.2	52.5	157.6

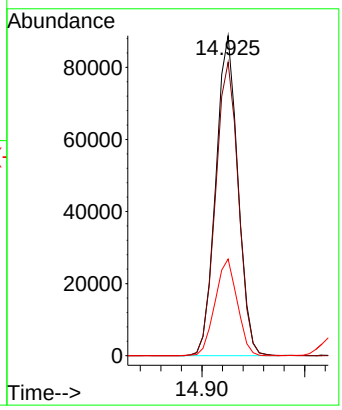




#93
1,2,4-Trichlorobenzene
Concen: 56.703 ug/l
RT: 14.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:180 Resp: 13246

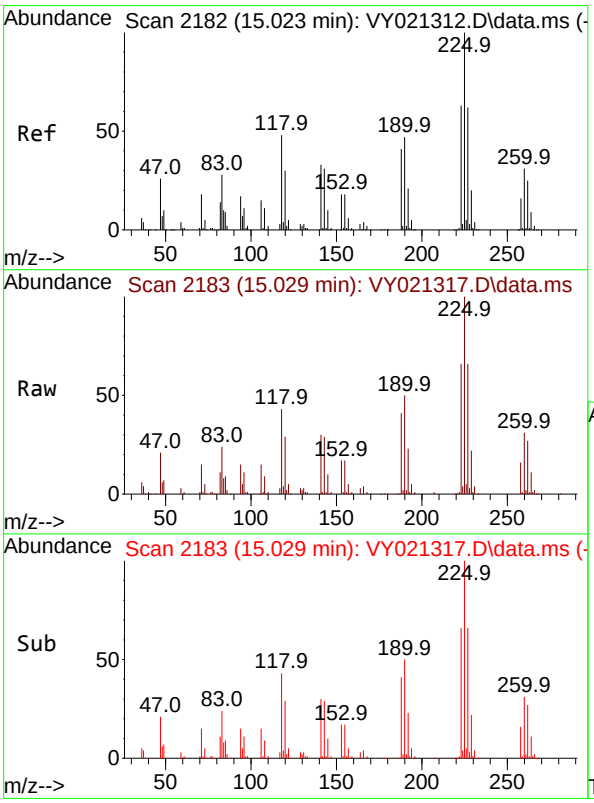
Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.9	143.7
145	30.3	15.6	46.8



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Manual Integrations APPROVED

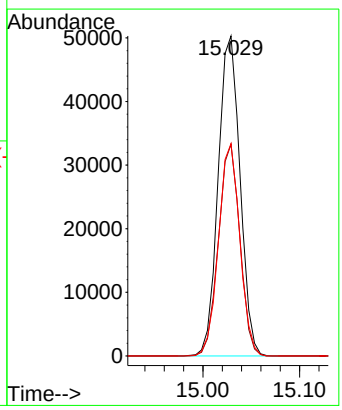
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

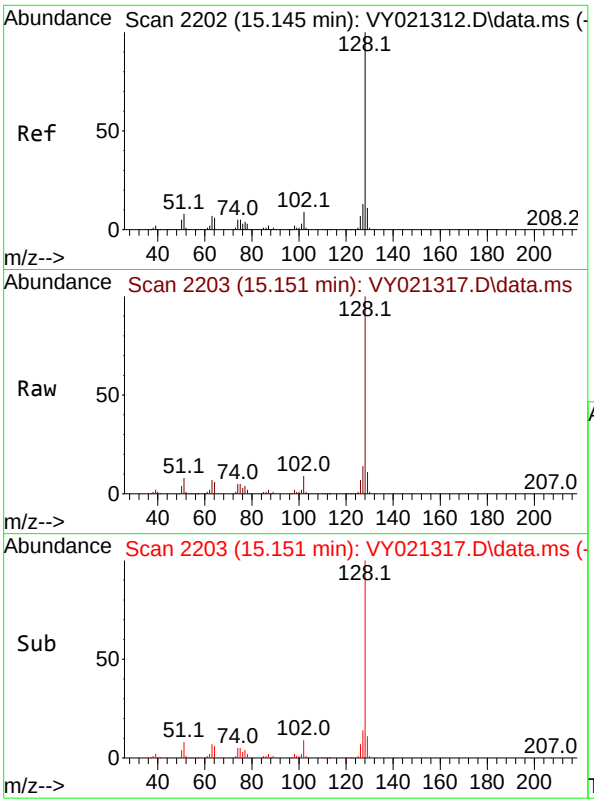


#94
Hexachlorobutadiene
Concen: 53.541 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:225 Resp: 78745

Ion	Ratio	Lower	Upper
225	100		
223	64.6	31.8	95.4
227	64.6	31.9	95.7

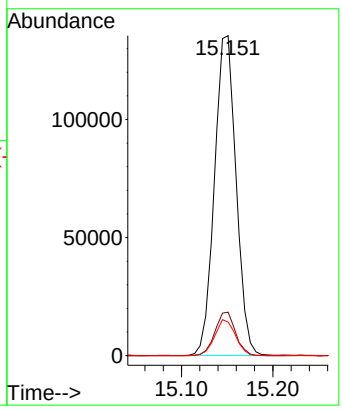




#95
Naphthalene
Concen: 57.589 ug/l
RT: 15.151 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:128 Resp: 22283

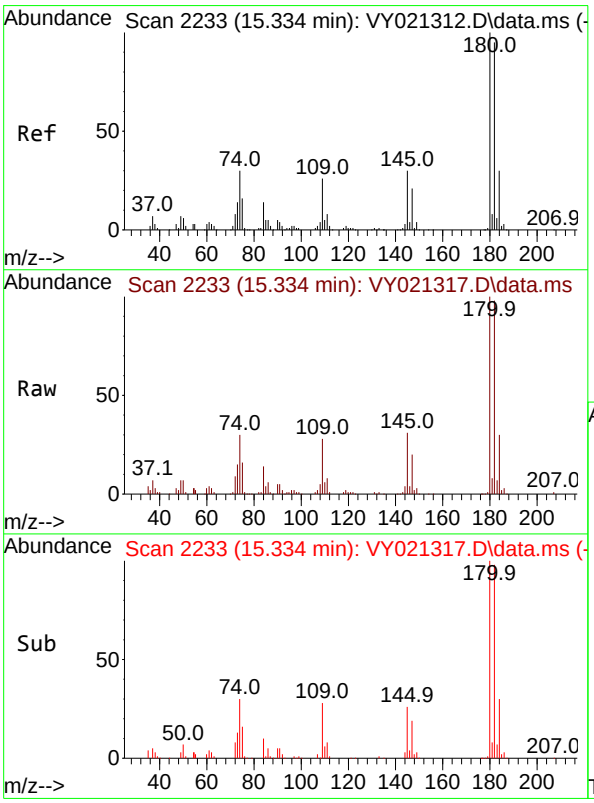
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.9	8.5	12.7



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Manual Integrations
APPROVED

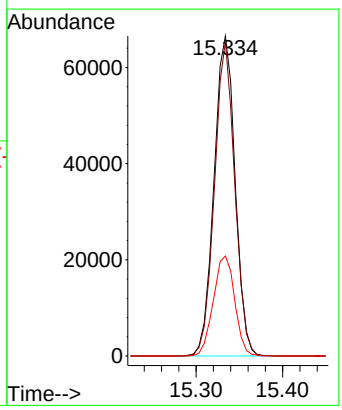
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 56.980 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:180 Resp: 112466

Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.3	144.9
145	31.7	16.1	48.3



Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021317.D
Acq On : 25 Feb 2025 17:31
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Quant Time: Feb 26 03:42:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	105	0.00
2	T	Dichlorodifluoromethane	0.474	0.511	-7.8	109	0.00
3	P	Chloromethane	0.612	0.655	-7.0	114	0.00
4	C	Vinyl Chloride	0.601	0.663	-10.3#	111	0.00
5	T	Bromomethane	0.399	0.419	-5.0	114	0.00
6	T	Chloroethane	0.373	0.408	-9.4	110	0.00
7	T	Trichlorofluoromethane	0.908	0.969	-6.7	108	0.00
8	T	Diethyl Ether	0.272	0.299	-9.9	109	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.525	0.569	-8.4	111	0.00
10	T	Methyl Iodide	0.553	0.678	-22.6	112	0.00
11	T	Tert butyl alcohol	0.044	0.039	11.4	101	0.00
12	CM	1,1-Dichloroethene	0.503	0.544	-8.2#	111	0.00
13	T	Acrolein	0.033	0.007	78.8#	108	0.00
14	T	Allyl chloride	0.892	0.988	-10.8	112	0.00
15	T	Acrylonitrile	0.120	0.129	-7.5	106	0.00
16	T	Acetone	0.109	0.099	9.2	81	0.00
17	T	Carbon Disulfide	1.671	1.824	-9.2	110	0.00
18	T	Methyl Acetate	0.266	0.279	-4.9	106	0.00
19	T	Methyl tert-butyl Ether	1.329	1.444	-8.7	107	0.00
20	T	Methylene Chloride	0.588	0.601	-2.2	108	0.00
21	T	trans-1,2-Dichloroethene	0.554	0.610	-10.1	111	0.00
22	T	Diisopropyl ether	1.846	2.052	-11.2	110	0.00
23	T	Vinyl Acetate	1.103	1.214	-10.1	107	0.00
24	P	1,1-Dichloroethane	1.040	1.144	-10.0	111	0.00
25	T	2-Butanone	0.164	0.166	-1.2	95	0.00
26	T	2,2-Dichloropropane	0.944	1.017	-7.7	110	0.00
27	T	cis-1,2-Dichloroethene	0.632	0.712	-12.7	112	0.00
28	T	Bromochloromethane	0.460	0.437	5.0	101	0.00
29	T	Tetrahydrofuran	0.107	0.112	-4.7	102	0.00
30	C	Chloroform	1.054	1.160	-10.1#	111	0.00
31	T	Cyclohexane	1.000	1.044	-4.4	111	0.00
32	T	1,1,1-Trichloroethane	0.960	1.057	-10.1	112	0.00
33	S	1,2-Dichloroethane-d4	0.567	0.538	5.1	102	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
35	S	Dibromofluoromethane	0.328	0.321	2.1	106	0.00
36	T	1,1-Dichloropropene	0.492	0.538	-9.3	112	0.00
37	T	Ethyl Acetate	0.245	0.249	-1.6	104	0.00
38	T	Carbon Tetrachloride	0.554	0.600	-8.3	111	0.00
39	T	Methylcyclohexane	0.623	0.678	-8.8	110	0.00
40	TM	Benzene	1.456	1.589	-9.1	111	0.00
41	T	Methacrylonitrile	0.137	0.135	1.5	99	0.00
42	TM	1,2-Dichloroethane	0.413	0.444	-7.5	110	0.00
43	T	Isopropyl Acetate	0.474	0.497	-4.9	104	0.00
44	TM	Trichloroethene	0.364	0.400	-9.9	112	0.00
45	C	1,2-Dichloropropane	0.350	0.382	-9.1#	110	0.00
46	T	Dibromomethane	0.191	0.209	-9.4	110	0.00
47	T	Bromodichloromethane	0.511	0.556	-8.8	110	0.00
48	T	Methyl methacrylate	0.222	0.244	-9.9	106	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021317.D
Acq On : 25 Feb 2025 17:31
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Quant Time: Feb 26 03:42:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	107	0.00
50	S	Toluene-d8	1.267	1.234	2.6	106	0.00
51	T	4-Methyl-2-Pentanone	0.243	0.255	-4.9	102	0.00
52	CM	Toluene	0.904	1.007	-11.4#	112	0.00
53	T	t-1,3-Dichloropropene	0.468	0.521	-11.3	108	0.00
54	T	cis-1,3-Dichloropropene	0.552	0.612	-10.9	111	0.00
55	T	1,1,2-Trichloroethane	0.249	0.266	-6.8	107	0.00
56	T	Ethyl methacrylate	0.345	0.384	-11.3	105	0.00
57	T	1,3-Dichloropropane	0.438	0.477	-8.9	109	0.00
58	T	2-Chloroethyl Vinyl ether	0.165	0.152	7.9	85	0.00
59	T	2-Hexanone	0.159	0.168	-5.7	99	0.00
60	T	Dibromochloromethane	0.340	0.369	-8.5	108	0.00
61	T	1,2-Dibromoethane	0.236	0.255	-8.1	108	0.00
62	S	4-Bromofluorobenzene	0.426	0.414	2.8	105	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64	T	Tetrachloroethene	0.378	0.400	-5.8	110	0.00
65	PM	Chlorobenzene	1.122	1.221	-8.8	111	0.00
66	T	1,1,1,2-Tetrachloroethane	0.393	0.429	-9.2	111	0.00
67	C	Ethyl Benzene	1.988	2.226	-12.0#	112	0.00
68	T	m/p-Xylenes	0.748	0.832	-11.2	111	0.00
69	T	o-Xylene	0.701	0.786	-12.1	111	0.00
70	T	Styrene	1.166	1.313	-12.6	110	0.00
71	P	Bromoform	0.225	0.241	-7.1	105	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
73	T	Isopropylbenzene	3.759	4.283	-13.9	112	0.00
74	T	N-amyl acetate	0.955	1.061	-11.1	104	0.00
75	P	1,1,2,2-Tetrachloroethane	0.663	0.707	-6.6	105	0.00
76	T	1,2,3-Trichloropropane	0.500	0.446	10.8	88	0.00
77	T	Bromobenzene	0.874	0.967	-10.6	110	0.00
78	T	n-propylbenzene	4.561	5.180	-13.6	111	0.00
79	T	2-Chlorotoluene	2.618	2.922	-11.6	112	0.00
80	T	1,3,5-Trimethylbenzene	3.083	3.487	-13.1	111	0.00
81	T	trans-1,4-Dichloro-2-butene	0.225	0.240	-6.7	102	0.00
82	T	4-Chlorotoluene	2.714	2.972	-9.5	110	0.00
83	T	tert-Butylbenzene	2.785	3.113	-11.8	112	0.00
84	T	1,2,4-Trimethylbenzene	3.066	3.472	-13.2	111	0.00
85	T	sec-Butylbenzene	4.068	4.528	-11.3	110	0.00
86	T	p-Isopropyltoluene	3.397	3.833	-12.8	111	0.00
87	T	1,3-Dichlorobenzene	1.730	1.896	-9.6	110	0.00
88	T	1,4-Dichlorobenzene	1.709	1.849	-8.2	110	0.00
89	T	n-Butylbenzene	3.196	3.635	-13.7	110	0.00
90	T	Hexachloroethane	0.710	0.781	-10.0	112	0.00
91	T	1,2-Dichlorobenzene	1.515	1.653	-9.1	109	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.105	0.109	-3.8	100	0.00
93	T	1,2,4-Trichlorobenzene	0.925	1.049	-13.4	112	0.00
94	T	Hexachlorobutadiene	0.582	0.623	-7.0	109	0.00
95	T	Naphthalene	1.532	1.764	-15.1	106	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021317.D
Acq On : 25 Feb 2025 17:31
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Quant Time: Feb 26 03:42:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.781	0.890	-14.0	112	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021317.D
Acq On : 25 Feb 2025 17:31
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Quant Time: Feb 26 03:42:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	105	0.00
2	T	Dichlorodifluoromethane	50.000	53.871	-7.7	109	0.00
3	P	Chloromethane	50.000	53.523	-7.0	114	0.00
4	C	Vinyl Chloride	50.000	55.184	-10.4#	111	0.00
5	T	Bromomethane	50.000	52.483	-5.0	114	0.00
6	T	Chloroethane	50.000	54.804	-9.6	110	0.00
7	T	Trichlorofluoromethane	50.000	53.384	-6.8	108	0.00
8	T	Diethyl Ether	50.000	54.849	-9.7	109	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	54.188	-8.4	111	0.00
10	T	Methyl Iodide	50.000	61.361	-22.7	112	0.00
11	T	Tert butyl alcohol	250.000	221.762	11.3	101	0.00
12	CM	1,1-Dichloroethene	50.000	54.104	-8.2#	111	0.00
13	T	Acrolein	250.000	51.554	79.4#	108	0.00
14	T	Allyl chloride	50.000	55.361	-10.7	112	0.00
15	T	Acrylonitrile	250.000	267.274	-6.9	106	0.00
16	T	Acetone	250.000	227.197	9.1	81	0.00
17	T	Carbon Disulfide	50.000	54.581	-9.2	110	0.00
18	T	Methyl Acetate	50.000	52.372	-4.7	106	0.00
19	T	Methyl tert-butyl Ether	50.000	54.311	-8.6	107	0.00
20	T	Methylene Chloride	50.000	51.062	-2.1	108	0.00
21	T	trans-1,2-Dichloroethene	50.000	55.044	-10.1	111	0.00
22	T	Diisopropyl ether	50.000	55.595	-11.2	110	0.00
23	T	Vinyl Acetate	250.000	275.197	-10.1	107	0.00
24	P	1,1-Dichloroethane	50.000	55.004	-10.0	111	0.00
25	T	2-Butanone	250.000	253.246	-1.3	95	0.00
26	T	2,2-Dichloropropane	50.000	53.893	-7.8	110	0.00
27	T	cis-1,2-Dichloroethene	50.000	56.305	-12.6	112	0.00
28	T	Bromochloromethane	50.000	47.452	5.1	101	0.00
29	T	Tetrahydrofuran	250.000	260.172	-4.1	102	0.00
30	C	Chloroform	50.000	55.023	-10.0#	111	0.00
31	T	Cyclohexane	50.000	52.180	-4.4	111	0.00
32	T	1,1,1-Trichloroethane	50.000	55.084	-10.2	112	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.453	5.1	102	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	107	0.00
35	S	Dibromofluoromethane	50.000	49.037	1.9	106	0.00
36	T	1,1-Dichloropropene	50.000	54.593	-9.2	112	0.00
37	T	Ethyl Acetate	50.000	50.864	-1.7	104	0.00
38	T	Carbon Tetrachloride	50.000	54.157	-8.3	111	0.00
39	T	Methylcyclohexane	50.000	54.397	-8.8	110	0.00
40	TM	Benzene	50.000	54.583	-9.2	111	0.00
41	T	Methacrylonitrile	50.000	49.244	1.5	99	0.00
42	TM	1,2-Dichloroethane	50.000	53.746	-7.5	110	0.00
43	T	Isopropyl Acetate	50.000	52.380	-4.8	104	0.00
44	TM	Trichloroethene	50.000	54.930	-9.9	112	0.00
45	C	1,2-Dichloropropane	50.000	54.464	-8.9#	110	0.00
46	T	Dibromomethane	50.000	54.539	-9.1	110	0.00
47	T	Bromodichloromethane	50.000	54.489	-9.0	110	0.00
48	T	Methyl methacrylate	50.000	55.076	-10.2	106	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021317.D
Acq On : 25 Feb 2025 17:31
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Quant Time: Feb 26 03:42:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1053.076	-5.3	107	0.00
50	S	Toluene-d8	50.000	48.694	2.6	106	0.00
51	T	4-Methyl-2-Pentanone	250.000	262.628	-5.1	102	0.00
52	CM	Toluene	50.000	55.674	-11.3#	112	0.00
53	T	t-1,3-Dichloropropene	50.000	55.699	-11.4	108	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.451	-10.9	111	0.00
55	T	1,1,2-Trichloroethane	50.000	53.263	-6.5	107	0.00
56	T	Ethyl methacrylate	50.000	55.679	-11.4	105	0.00
57	T	1,3-Dichloropropane	50.000	54.438	-8.9	109	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	228.990	8.4	85	0.00
59	T	2-Hexanone	250.000	264.133	-5.7	99	0.00
60	T	Dibromochloromethane	50.000	54.329	-8.7	108	0.00
61	T	1,2-Dibromoethane	50.000	53.942	-7.9	108	0.00
62	S	4-Bromofluorobenzene	50.000	48.549	2.9	105	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64	T	Tetrachloroethene	50.000	52.940	-5.9	110	0.00
65	PM	Chlorobenzene	50.000	54.410	-8.8	111	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.517	-9.0	111	0.00
67	C	Ethyl Benzene	50.000	55.992	-12.0#	112	0.00
68	T	m/p-Xylenes	100.000	111.274	-11.3	111	0.00
69	T	o-Xylene	50.000	56.108	-12.2	111	0.00
70	T	Styrene	50.000	56.307	-12.6	110	0.00
71	P	Bromoform	50.000	53.590	-7.2	105	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73	T	Isopropylbenzene	50.000	56.974	-13.9	112	0.00
74	T	N-amyl acetate	50.000	55.509	-11.0	104	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.254	-6.5	105	0.00
76	T	1,2,3-Trichloropropane	50.000	44.570	10.9	88	0.00
77	T	Bromobenzene	50.000	55.296	-10.6	110	0.00
78	T	n-propylbenzene	50.000	56.783	-13.6	111	0.00
79	T	2-Chlorotoluene	50.000	55.813	-11.6	112	0.00
80	T	1,3,5-Trimethylbenzene	50.000	56.549	-13.1	111	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.216	-6.4	102	0.00
82	T	4-Chlorotoluene	50.000	54.757	-9.5	110	0.00
83	T	tert-Butylbenzene	50.000	55.900	-11.8	112	0.00
84	T	1,2,4-Trimethylbenzene	50.000	56.621	-13.2	111	0.00
85	T	sec-Butylbenzene	50.000	55.655	-11.3	110	0.00
86	T	p-Isopropyltoluene	50.000	56.427	-12.9	111	0.00
87	T	1,3-Dichlorobenzene	50.000	54.800	-9.6	110	0.00
88	T	1,4-Dichlorobenzene	50.000	54.098	-8.2	110	0.00
89	T	n-Butylbenzene	50.000	56.856	-13.7	110	0.00
90	T	Hexachloroethane	50.000	55.035	-10.1	112	0.00
91	T	1,2-Dichlorobenzene	50.000	54.545	-9.1	109	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.137	-4.3	100	0.00
93	T	1,2,4-Trichlorobenzene	50.000	56.703	-13.4	112	0.00
94	T	Hexachlorobutadiene	50.000	53.541	-7.1	109	0.00
95	T	Naphthalene	50.000	57.589	-15.2	106	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021317.D
Acq On : 25 Feb 2025 17:31
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Quant Time: Feb 26 03:42:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.980	-14.0	112	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: NOBI03

Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG No.: Q1383

Instrument ID: MSVOA_Y Calibration Date/Time: 02/21/2025 09:37

Lab File ID: VY021275.D Init. Calib. Date(s): 02/03/2025 02/03/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 10:35 12:44

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.446	0.394		-11.66	20
Chloromethane	0.440	0.513	0.1	16.59	20
Vinyl Chloride	0.443	0.497		12.19	20
Bromomethane	0.274	0.284		3.65	20
Chloroethane	0.263	0.325		23.57	20
Tetrahydrofuran	0.089	0.105		17.98	20
Trichlorofluoromethane	0.806	0.800		-0.74	20
1,1,2-Trichlorotrifluoroethane	0.506	0.486		-3.95	20
1,1-Dichloroethene	0.477	0.488		2.31	20
Acrylonitrile	0.105	0.125		19.05	20
Acetone	0.080	0.093		16.25	20
Carbon Disulfide	1.495	1.402		-6.22	20
Methyl tert-butyl Ether	1.205	1.376		14.19	20
Methylene Chloride	0.497	0.583		17.3	20
trans-1,2-Dichloroethene	0.525	0.565		7.62	20
1,1-Dichloroethane	0.970	1.108	0.1	14.23	20
2-Butanone	0.131	0.156		19.08	20
Carbon Tetrachloride	0.555	0.554		-0.18	20
2,2-Dichloropropane	0.898	0.924		2.89	20
cis-1,2-Dichloroethene	0.604	0.669		10.76	20
Chloroform	0.997	1.135		13.84	20
1,1,1-Trichloroethane	0.927	1.030		11.11	20
1,1-Dichloropropene	0.475	0.480		1.05	20
Benzene	1.393	1.481		6.32	20
1,2-Dichloroethane	0.386	0.419		8.55	20
Trichloroethene	0.360	0.362		0.56	20
1,2-Dichloropropane	0.331	0.365		10.27	20
Dibromomethane	0.183	0.194		6.01	20
Bromodichloromethane	0.491	0.538		9.57	20
4-Methyl-2-Pentanone	0.208	0.246		18.27	20
Toluene	0.875	0.934		6.74	20
t-1,3-Dichloropropene	0.441	0.475		7.71	20
cis-1,3-Dichloropropene	0.522	0.555		6.32	20
1,1,2-Trichloroethane	0.237	0.256		8.02	20
1,3-Dichloropropane	0.410	0.456		11.22	20
2-Hexanone	0.134	0.158		17.91	20
Dibromochloromethane	0.333	0.357		7.21	20
1,2-Dibromoethane	0.222	0.238		7.21	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: NOBI03

Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG No.: Q1383

Instrument ID: MSVOA_Y Calibration Date/Time: 02/21/2025 09:37

Lab File ID: VY021275.D Init. Calib. Date(s): 02/03/2025 02/03/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 10:35 12:44

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Tetrachloroethene	0.371	0.367		-1.08	20
Chlorobenzene	1.113	1.156	0.3	3.86	20
1,1,1,2-Tetrachloroethane	0.396	0.425		7.32	20
Ethyl Benzene	1.969	2.092		6.25	20
m/p-Xylenes	0.737	0.774		5.02	20
o-Xylene	0.687	0.733		6.7	20
Styrene	1.145	1.248		9	20
Bromoform	0.220	0.238	0.1	8.18	20
Isopropylbenzene	3.906	4.151		6.27	20
1,1,2,2-Tetrachloroethane	0.650	0.712	0.3	9.54	20
1,2,3-Trichloropropane	0.454	0.487		7.27	20
Bromobenzene	0.901	0.928		3	20
n-propylbenzene	4.653	4.941		6.19	20
2-Chlorotoluene	2.665	2.833		6.3	20
1,3,5-Trimethylbenzene	3.167	3.371		6.44	20
4-Chlorotoluene	2.715	2.879		6.04	20
tert-Butylbenzene	2.878	3.035		5.45	20
1,2,4-Trimethylbenzene	3.096	3.334		7.69	20
sec-Butylbenzene	4.143	4.421		6.71	20
p-Isopropyltoluene	3.442	3.651		6.07	20
1,3-Dichlorobenzene	1.740	1.801		3.51	20
1,4-Dichlorobenzene	1.714	1.757		2.51	20
n-Butylbenzene	3.140	3.262		3.88	20
1,2-Dichlorobenzene	1.510	1.589		5.23	20
1,2-Dibromo-3-Chloropropane	0.097	0.107		10.31	20
1,2,4-Trichlorobenzene	0.841	0.888		5.59	20
Hexachlorobutadiene	0.557	0.575		3.23	20
1,2,3-Trichlorobenzene	0.700	0.745		6.43	20
1,2-Dichloroethane-d4	0.512	0.546		6.64	20
Dibromofluoromethane	0.320	0.330		3.13	20
Toluene-d8	1.220	1.198		-1.8	20
4-Bromofluorobenzene	0.399	0.404		1.25	20
trans-1,4-Dichloro-2-butene	0.222	0.230		3.6	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_Y\Data\VY022125\
Data File : VY021275.D
Acq On : 21 Feb 2025 09:37
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 21 23:01:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
Reviewed By :Romaben Patel 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.726	168	134641	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	218893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	189433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	91135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	73499	53.279	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.560%			
35) Dibromofluoromethane	7.646	113	72342	51.569	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.140%			
50) Toluene-d8	10.115	98	262335	49.121	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.240%			
62) 4-Bromofluorobenzene	12.414	95	88447	50.693	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.380%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.873	85	53065	44.220	ug/l	92
3) Chloromethane	2.074	50	69096	58.350	ug/l	98
4) Vinyl Chloride	2.214	62	66919	56.145	ug/l	99
5) Bromomethane	2.611	94	38298	51.988	ug/l	94
6) Chloroethane	2.751	64	43771	61.692	ug/l	98
7) Trichlorofluoromethane	3.074	101	107727	49.611	ug/l	98
8) Diethyl Ether	3.464	74	37523	55.354	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.836	101	65425	48.007	ug/l	96
10) Methyl Iodide	4.019	142	76705	50.662	ug/l	92
11) Tert butyl alcohol	4.915	59	22221	237.701	ug/l	96
12) 1,1-Dichloroethene	3.806	96	65745	51.212	ug/l	86
13) Acrolein	3.665	56	22617	157.114	ug/l	94
14) Allyl chloride	4.397	41	122719	56.720	ug/l	93
15) Acrylonitrile	5.080	53	84424	299.082	ug/l	99
16) Acetone	3.897	43	62919	292.469	ug/l	93
17) Carbon Disulfide	4.123	76	188763	46.891	ug/l	98
18) Methyl Acetate	4.409	43	51748	68.522	ug/l	94
19) Methyl tert-butyl Ether	5.135	73	185238	57.088	ug/l	100
20) Methylene Chloride	4.635	84	78534	58.723	ug/l	90
21) trans-1,2-Dichloroethene	5.141	96	76055	53.821	ug/l	96
22) Diisopropyl ether	6.037	45	271476	60.874	ug/l	97
23) Vinyl Acetate	5.982	43	735278	295.758	ug/l	97
24) 1,1-Dichloroethane	5.933	63	149132	57.076	ug/l	98
25) 2-Butanone	6.915	43	105003	297.023	ug/l	96
26) 2,2-Dichloropropane	6.903	77	124428	51.467	ug/l	97
27) cis-1,2-Dichloroethene	6.909	96	90095	55.391	ug/l	94
28) Bromochloromethane	7.262	49	66949	64.798	ug/l	94
29) Tetrahydrofuran	7.281	42	70365	294.152	ug/l	94
30) Chloroform	7.439	83	152860	56.956	ug/l	99
31) Cyclohexane	7.720	56	108795	46.238	ug/l	93
32) 1,1,1-Trichloroethane	7.628	97	138665	55.572	ug/l	99
36) 1,1-Dichloropropene	7.848	75	105033	50.550	ug/l	98
37) Ethyl Acetate	7.000	43	50245	55.122	ug/l	98
38) Carbon Tetrachloride	7.835	117	121178	49.912	ug/l	99
39) Methylcyclohexane	9.122	83	115614	45.490	ug/l	99
40) Benzene	8.091	78	324187	53.166	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021275.D
Acq On : 21 Feb 2025 09:37
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 21 23:01:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.238	41	31065	58.909	ug/l		94
42) 1,2-Dichloroethane	8.171	62	91794	54.268	ug/l		97
43) Isopropyl Acetate	8.213	43	101862	56.240	ug/l		96
44) Trichloroethene	8.878	130	79263	50.313	ug/l		98
45) 1,2-Dichloropropane	9.152	63	79921	55.222	ug/l		98
46) Dibromomethane	9.244	93	42419	52.936	ug/l		96
47) Bromodichloromethane	9.433	83	117853	54.838	ug/l		98
48) Methyl methacrylate	9.231	41	47593	57.687	ug/l		91
49) 1,4-Dioxane	9.262	88	8064	1081.002	ug/l	#	87
51) 4-Methyl-2-Pentanone	10.006	43	269630	296.038	ug/l		95
52) Toluene	10.183	92	204505	53.414	ug/l		99
53) t-1,3-Dichloropropene	10.402	75	104033	53.911	ug/l		99
54) cis-1,3-Dichloropropene	9.866	75	121404	53.134	ug/l	#	90
55) 1,1,2-Trichloroethane	10.585	97	56063	54.028	ug/l		98
56) Ethyl methacrylate	10.451	69	78420	56.492	ug/l		88
57) 1,3-Dichloropropane	10.725	76	99821	55.577	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.719	63	198856	301.108	ug/l		98
59) 2-Hexanone	10.774	43	173136	295.239	ug/l		95
60) Dibromochloromethane	10.920	129	78064	53.569	ug/l		99
61) 1,2-Dibromoethane	11.024	107	51996	53.496	ug/l		100
64) Tetrachloroethene	10.658	164	69573	49.474	ug/l		97
65) Chlorobenzene	11.451	112	219066	51.935	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.524	131	80486	53.694	ug/l		98
67) Ethyl Benzene	11.530	91	396201	53.106	ug/l		99
68) m/p-Xylenes	11.640	106	293291	105.084	ug/l		96
69) o-Xylene	11.963	106	138811	53.345	ug/l		97
70) Styrene	11.981	104	236391	54.506	ug/l		99
71) Bromoform	12.146	173	45063	54.009	ug/l	#	98
73) Isopropylbenzene	12.268	105	378285	53.138	ug/l		100
74) N-amyl acetate	12.079	43	88587	56.918	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.517	83	64872	54.792	ug/l		99
76) 1,2,3-Trichloropropane	12.566	75	44377m	53.679	ug/l		
77) Bromobenzene	12.542	156	84600	51.497	ug/l		96
78) n-propylbenzene	12.603	91	450276	53.097	ug/l		100
79) 2-Chlorotoluene	12.688	91	258141	53.148	ug/l		99
80) 1,3,5-Trimethylbenzene	12.749	105	307207	53.225	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.316	75	20989	51.805	ug/l		93
82) 4-Chlorotoluene	12.786	91	262361	53.017	ug/l		98
83) tert-Butylbenzene	13.005	119	276564	52.716	ug/l		96
84) 1,2,4-Trimethylbenzene	13.054	105	303836	53.838	ug/l		99
85) sec-Butylbenzene	13.188	105	402885	53.349	ug/l		98
86) p-Isopropyltoluene	13.304	119	332768	53.046	ug/l		99
87) 1,3-Dichlorobenzene	13.298	146	164144	51.747	ug/l		100
88) 1,4-Dichlorobenzene	13.377	146	160145	51.275	ug/l		99
89) n-Butylbenzene	13.627	91	297313	51.951	ug/l		99
90) Hexachloroethane	13.889	117	70386	53.783	ug/l		85
91) 1,2-Dichlorobenzene	13.670	146	144792	52.591	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	9715	54.910	ug/l		96
93) 1,2,4-Trichlorobenzene	14.932	180	80920	52.803	ug/l		98
94) Hexachlorobutadiene	15.035	225	52391	51.589	ug/l		100
95) Naphthalene	15.157	128	140532	57.318	ug/l		99
96) 1,2,3-Trichlorobenzene	15.340	180	67936	53.269	ug/l		96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021275.D
Acq On : 21 Feb 2025 09:37
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 21 23:01:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

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

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

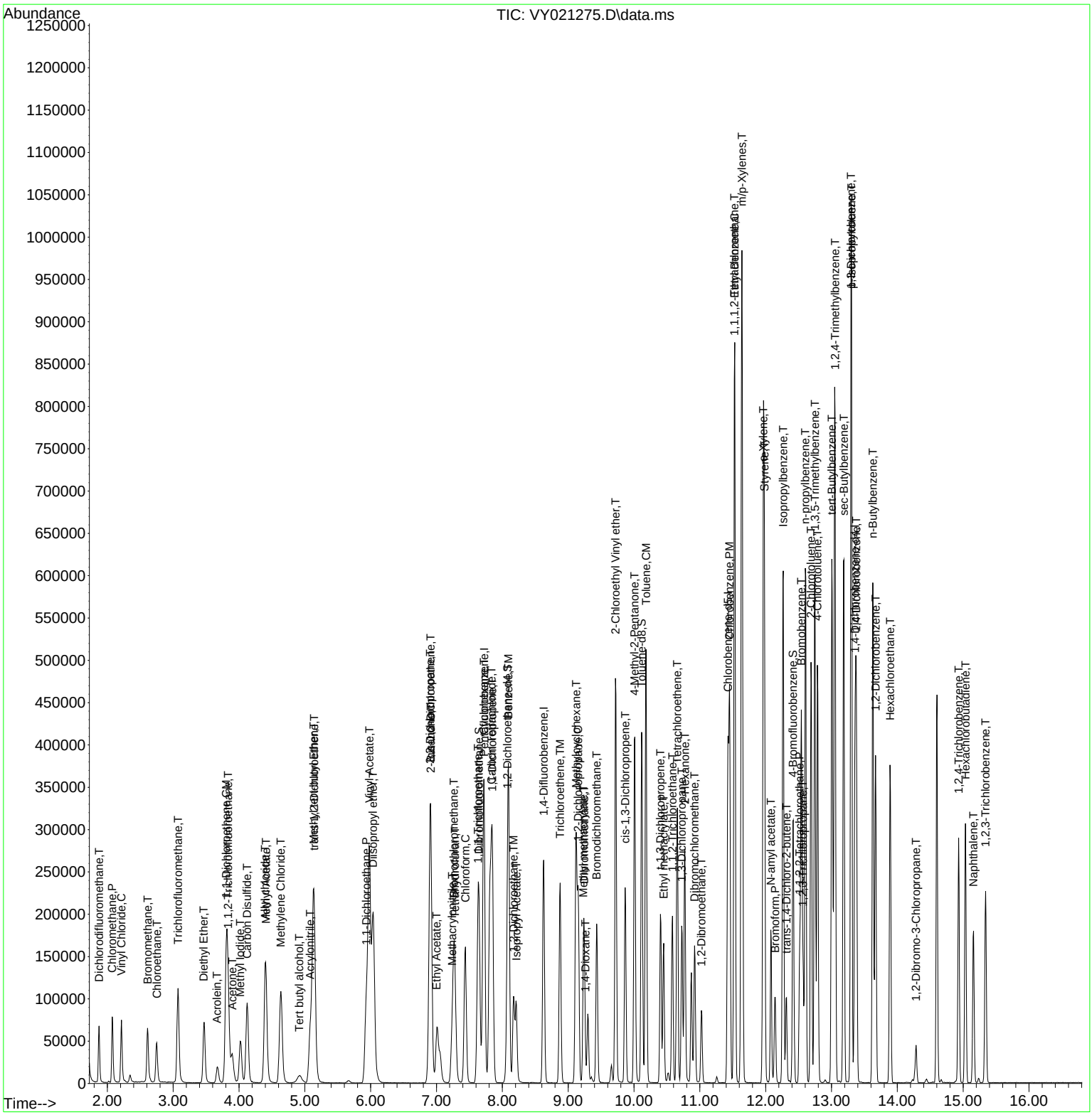
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021275.D
Acq On : 21 Feb 2025 09:37
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

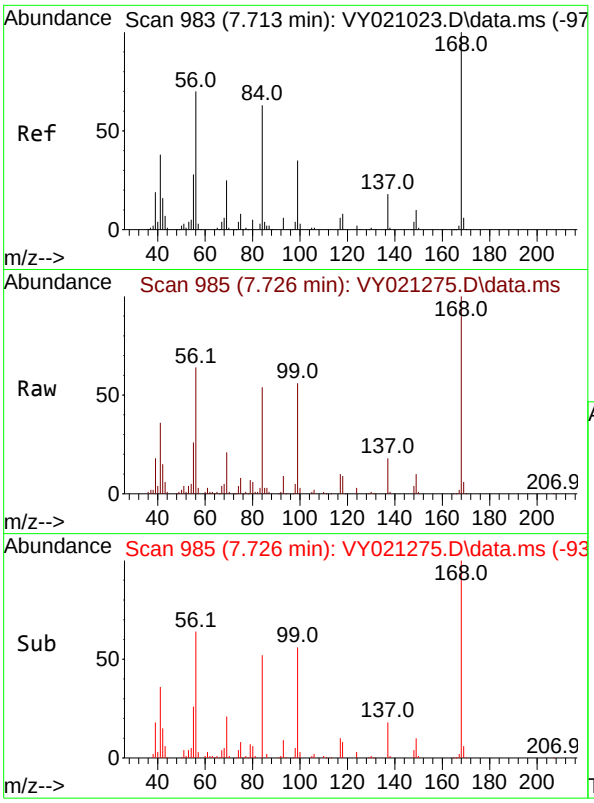
Quant Time: Feb 21 23:01:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

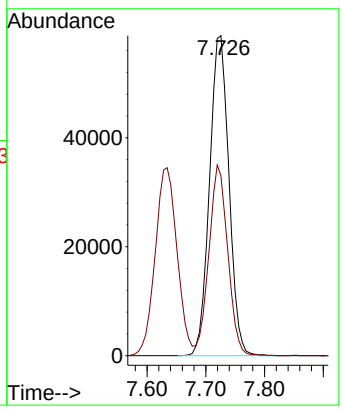




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 9
Delta R.T. 0.013 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:168 Resp: 13464

Ion	Ratio	Lower	Upper
168	100		
99	56.2	44.2	66.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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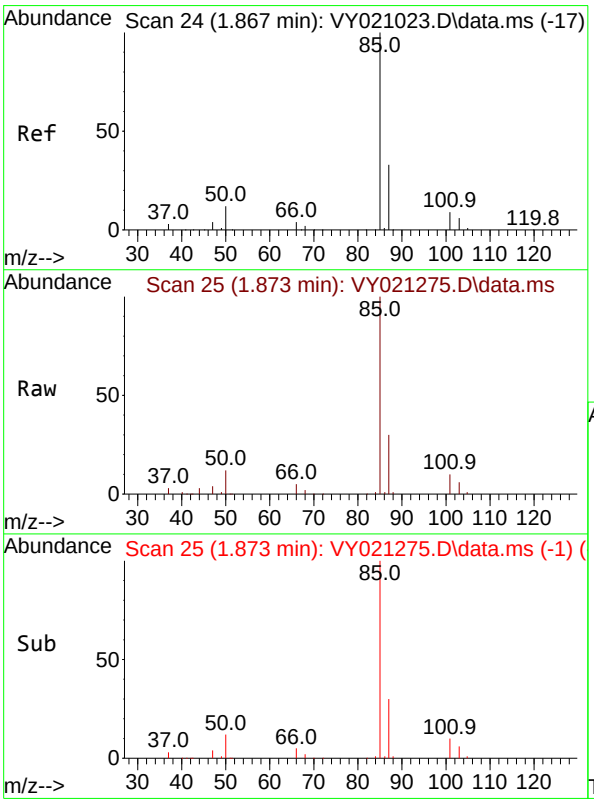
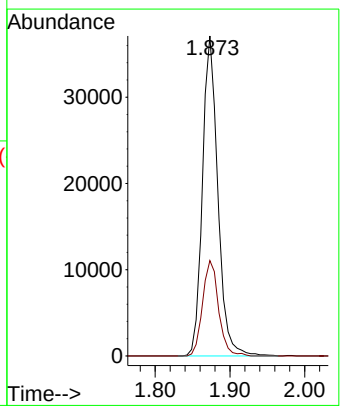
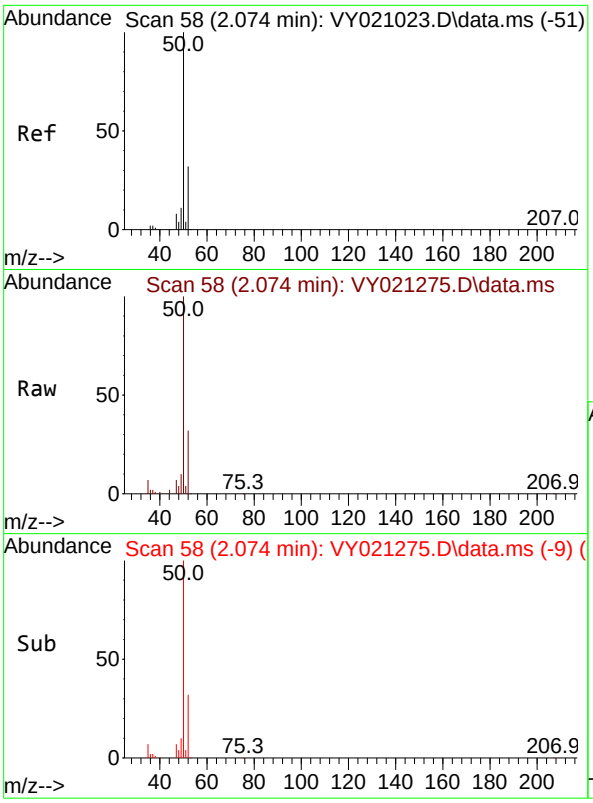


#2
Dichlorodifluoromethane
Concen: 44.220 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 85 Resp: 53065

Ion	Ratio	Lower	Upper
85	100		
87	29.8	17.1	51.3

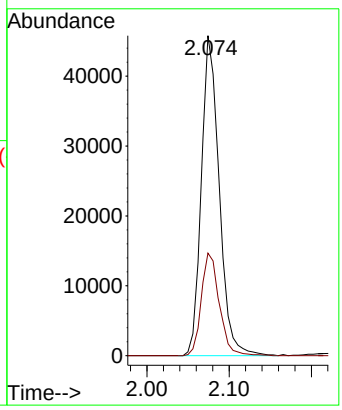




#3
Chloromethane
Concen: 58.350 ug/l
RT: 2.074 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 50 Resp: 6909

Ion	Ratio	Lower	Upper
50	100		
52	32.1	26.7	40.1



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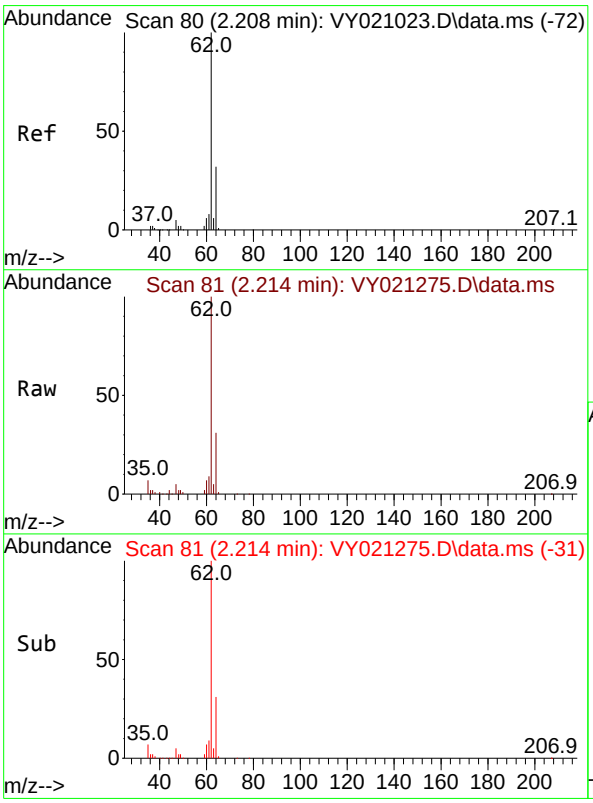
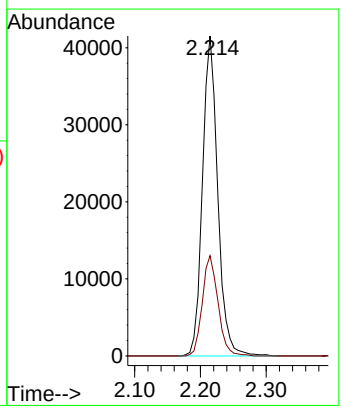
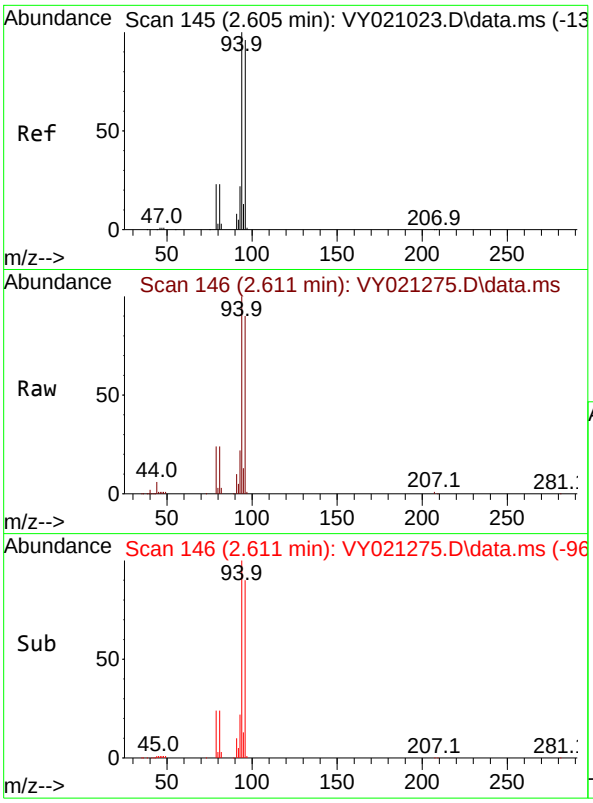


#4
Vinyl Chloride
Concen: 56.145 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 62 Resp: 66919

Ion	Ratio	Lower	Upper
62	100		
64	31.3	25.7	38.5

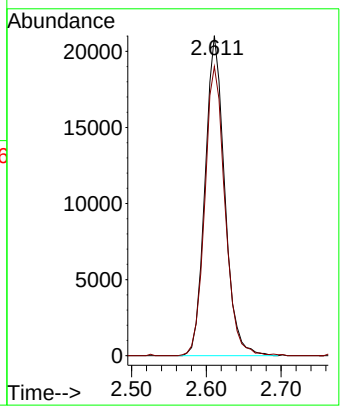




#5
Bromomethane
Concen: 51.988 ug/l
RT: 2.611 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 94 Resp: 3829

Ion	Ratio	Lower	Upper
94	100		
96	90.3	77.3	115.9



Instrument :
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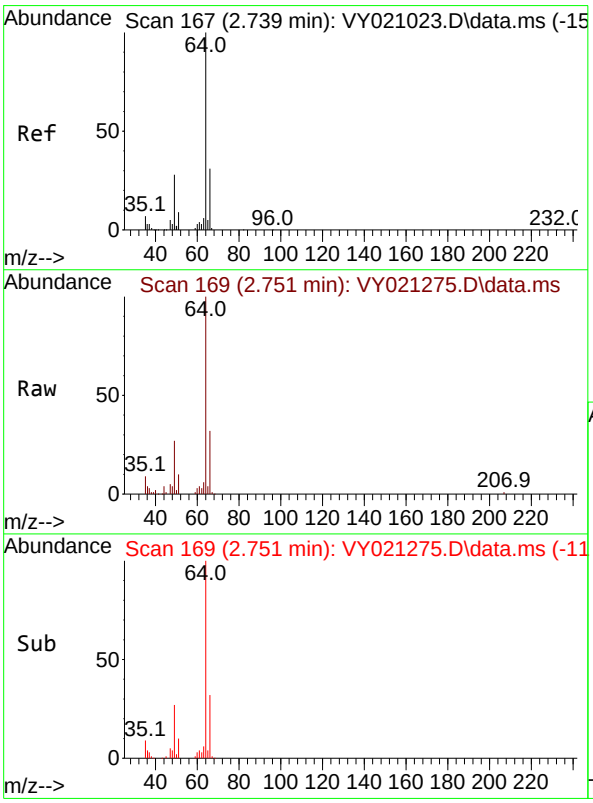
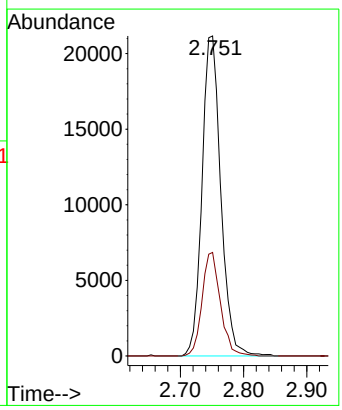
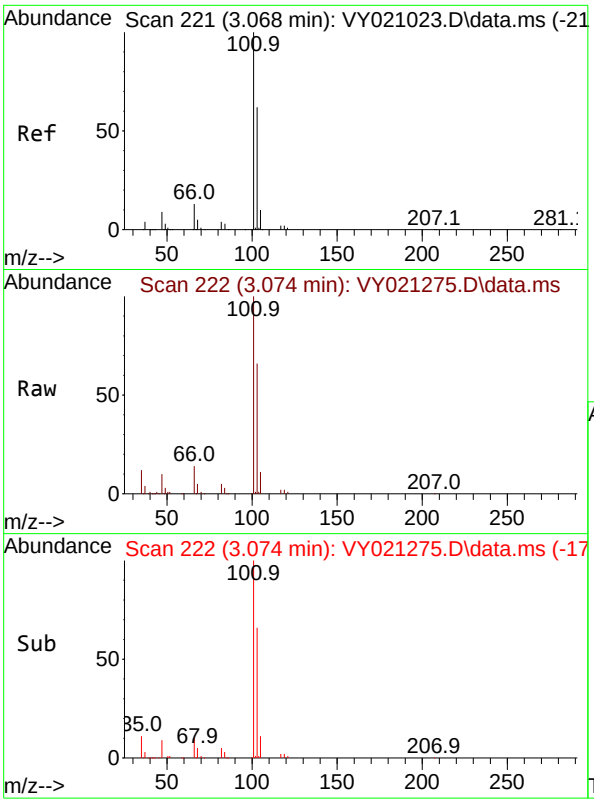


#6
Chloroethane
Concen: 61.692 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 64 Resp: 43771

Ion	Ratio	Lower	Upper
64	100		
66	32.4	25.1	37.7

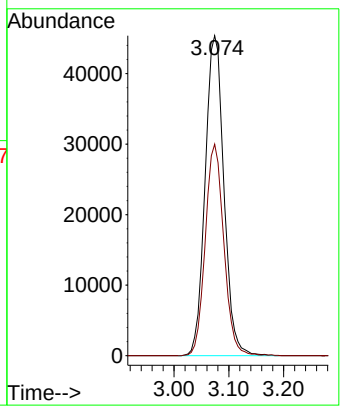




#7
Trichlorofluoromethane
Concen: 49.611 ug/l
RT: 3.074 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:101 Resp: 10772

Ion	Ratio	Lower	Upper
101	100		
103	66.1	51.9	77.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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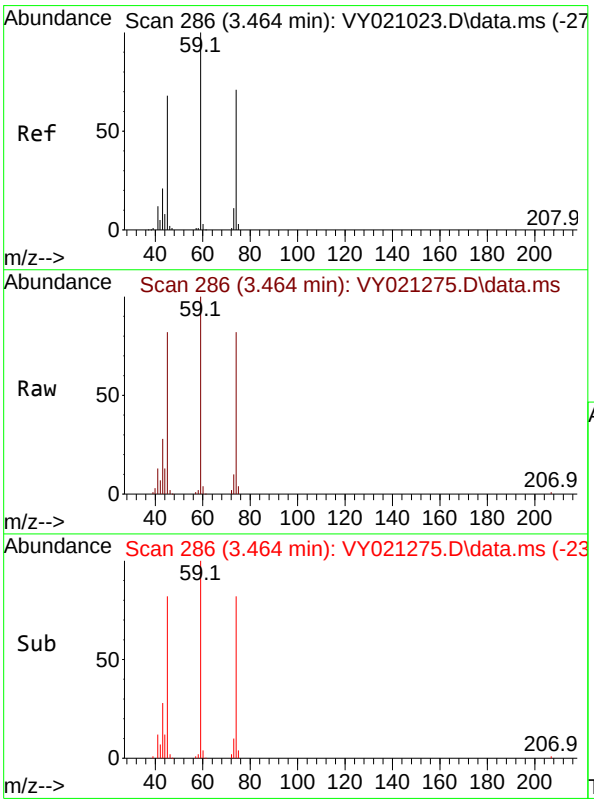
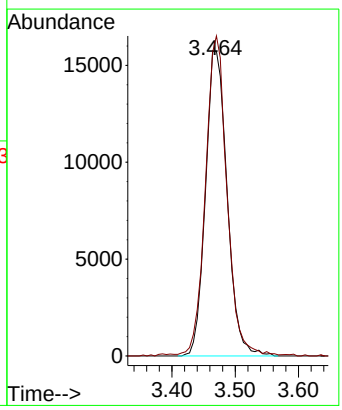
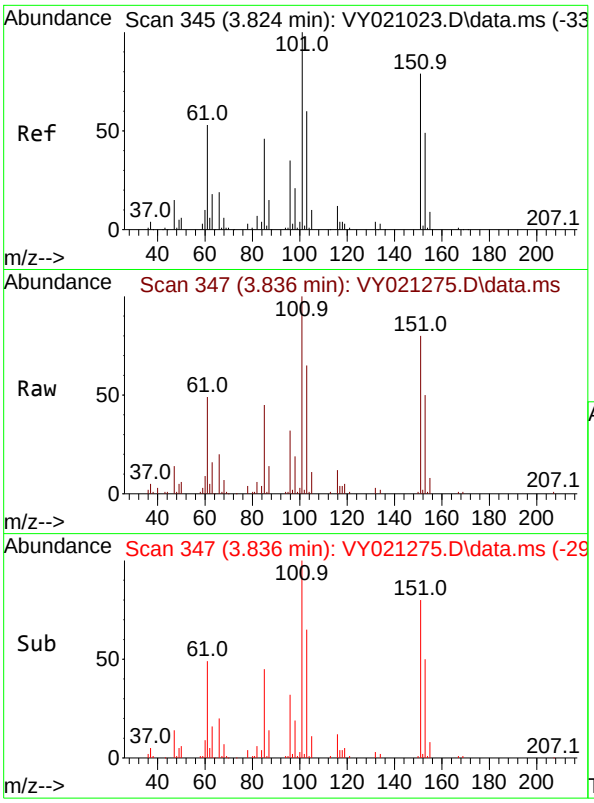


#8
Diethyl Ether
Concen: 55.354 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.000 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 74 Resp: 37523

Ion	Ratio	Lower	Upper
74	100		
45	102.4	47.9	143.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.007 ug/l
RT: 3.836 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:101 Resp: 6542

Ion	Ratio	Lower	Upper
101	100		
85	47.0	35.8	53.6
151	76.6	58.6	88.0

Instrument :
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ClientSampleId :
VSTDCCC050

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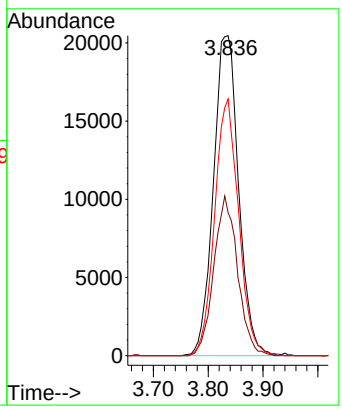
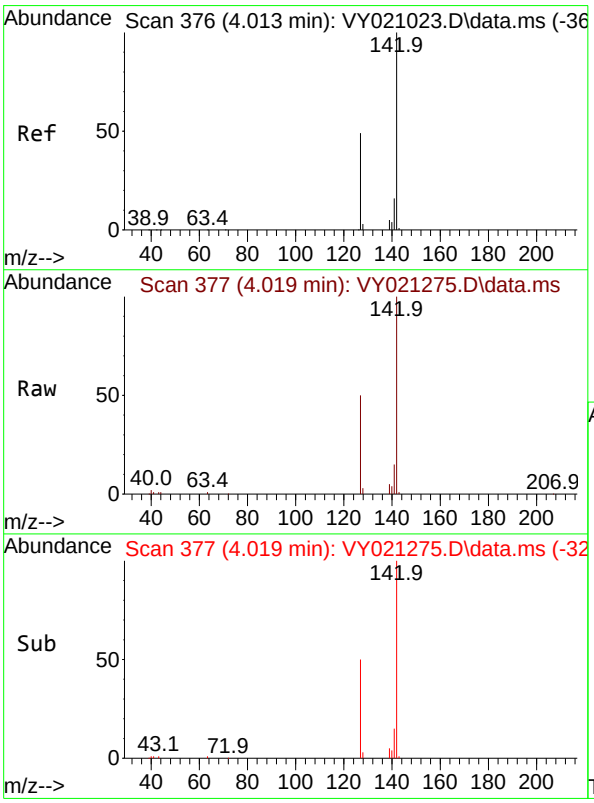
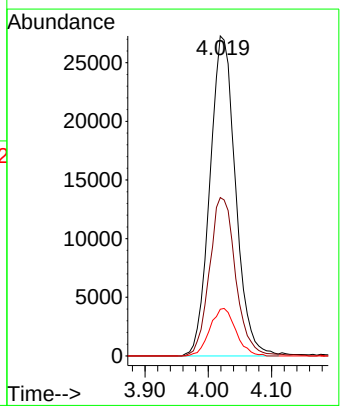


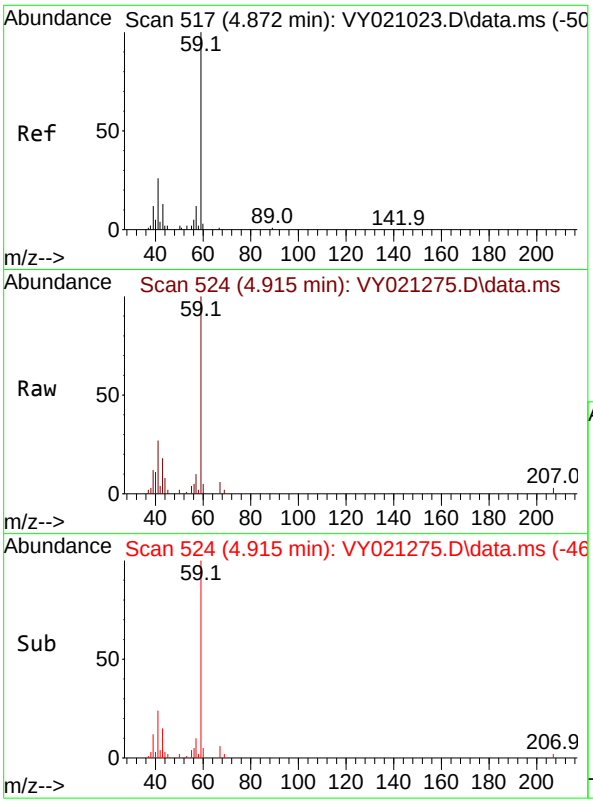


#10
Methyl Iodide
Concen: 50.662 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:142 Resp: 76705

Ion	Ratio	Lower	Upper
142	100		
127	50.5	35.1	52.7
141	15.0	11.8	17.6

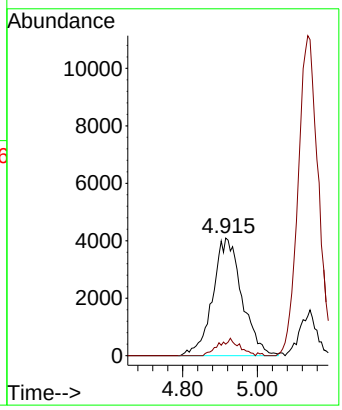




#11
Tert butyl alcohol
Concen: 237.701 ug/l
RT: 4.915 min Scan# 5
Delta R.T. 0.043 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 59 Resp: 2222

Ion	Ratio	Lower	Upper
59	100		
57	10.5	7.4	11.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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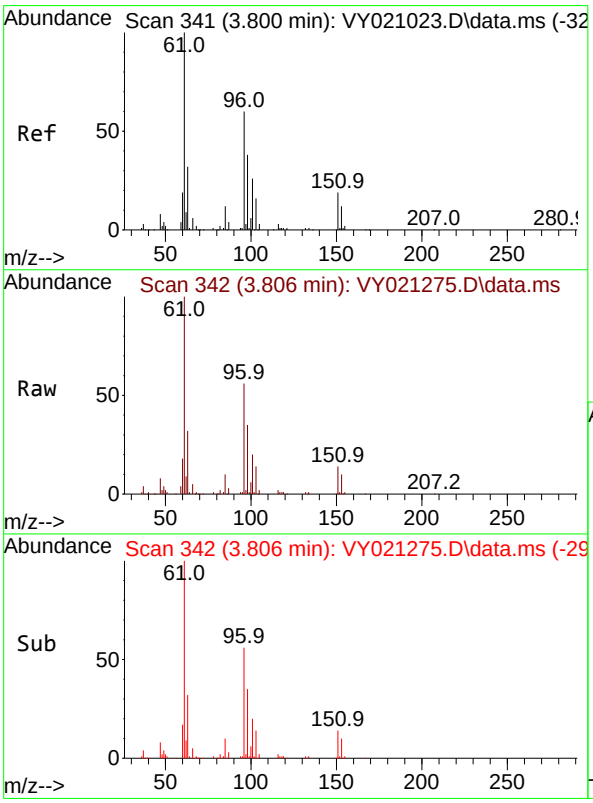
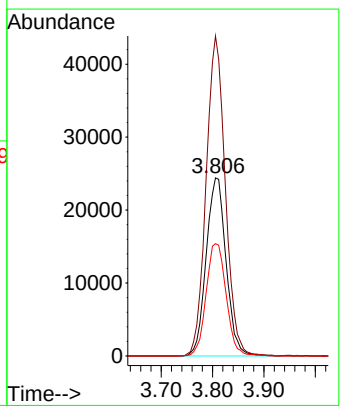
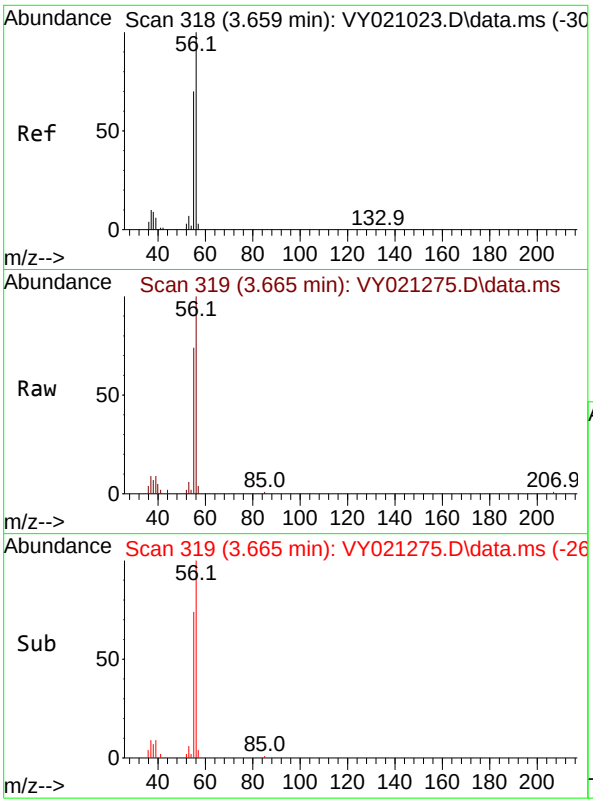


#12
1,1-Dichloroethene
Concen: 51.212 ug/l
RT: 3.806 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 96 Resp: 65745

Ion	Ratio	Lower	Upper
96	100		
61	179.6	124.2	186.2
98	63.0	52.6	79.0

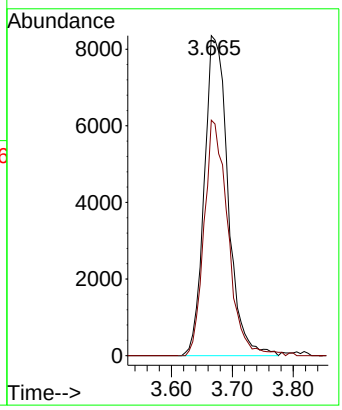




#13
Acrolein
Concen: 157.114 ug/l
RT: 3.665 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 56 Resp: 2261

Ion	Ratio	Lower	Upper
56	100		
55	73.9	55.4	83.0



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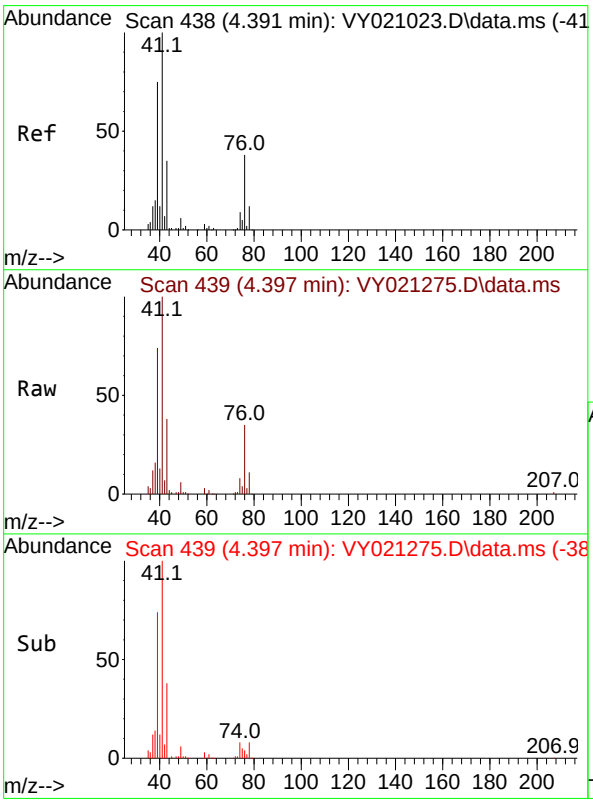
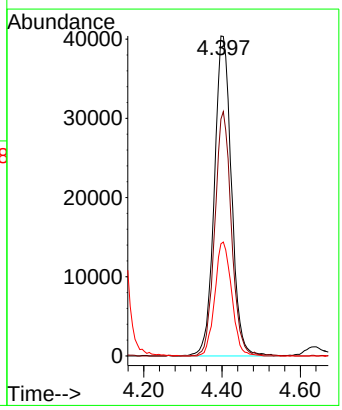
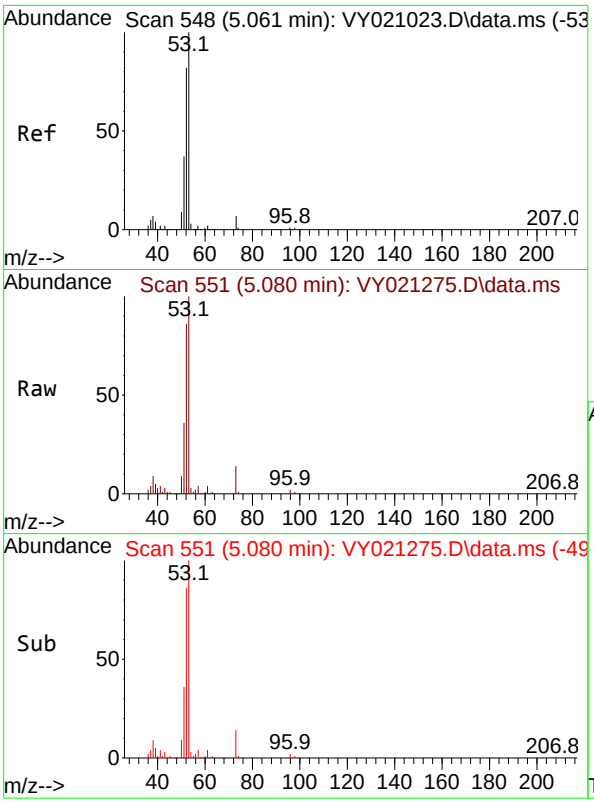


#14
Allyl chloride
Concen: 56.720 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 41 Resp: 122719

Ion	Ratio	Lower	Upper
41	100		
39	74.0	54.7	82.1
76	35.0	31.8	47.6

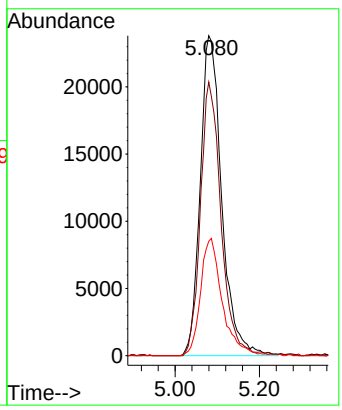




#15
Acrylonitrile
Concen: 299.082 ug/l
RT: 5.080 min Scan# 5
Delta R.T. 0.018 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 53 Resp: 8442

Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.1	97.7
51	37.2	29.0	43.4



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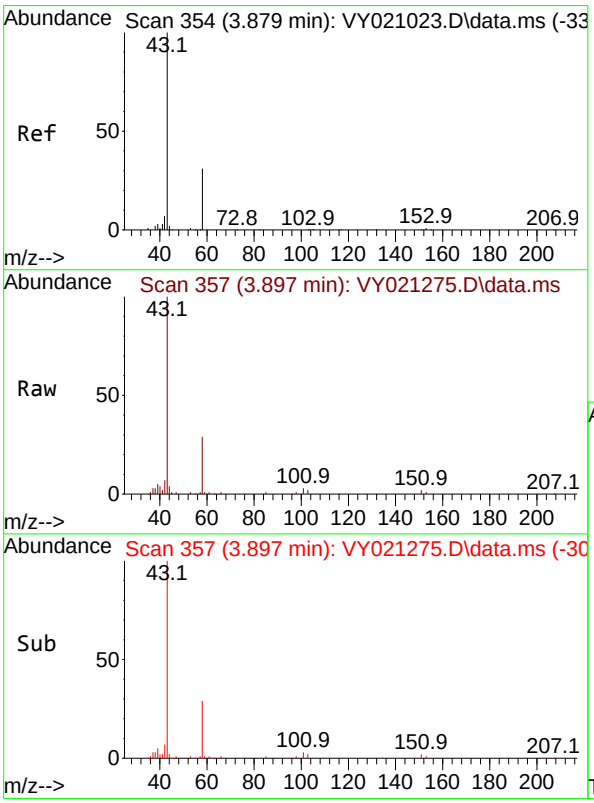
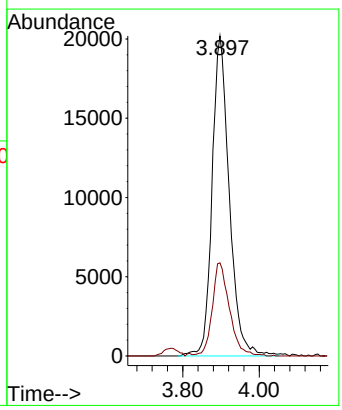
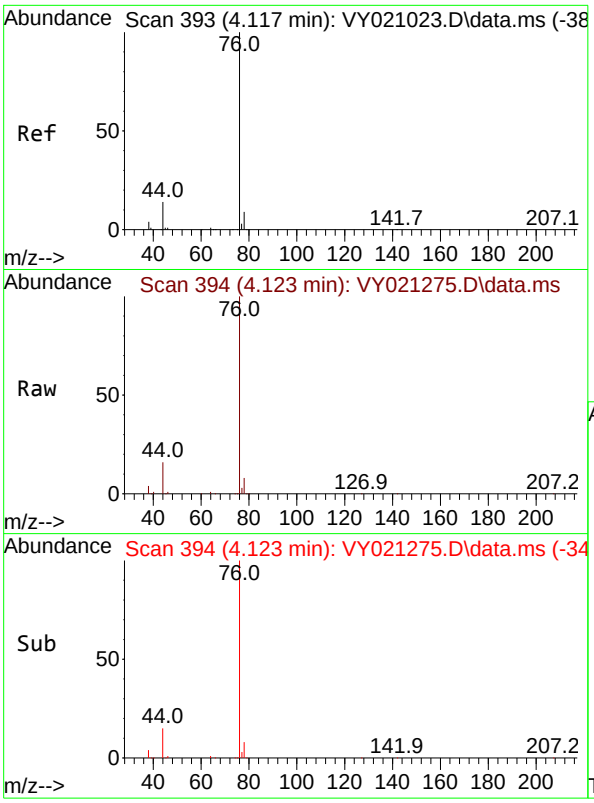


#16
Acetone
Concen: 292.469 ug/l
RT: 3.897 min Scan# 357
Delta R.T. 0.018 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 43 Resp: 62919

Ion	Ratio	Lower	Upper
43	100		
58	29.1	26.6	39.8

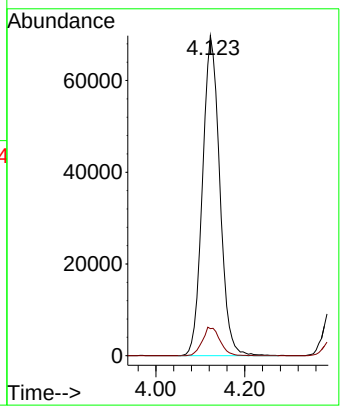




#17
Carbon Disulfide
Concen: 46.891 ug/l
RT: 4.123 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 76 Resp: 18876

Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.4	11.0



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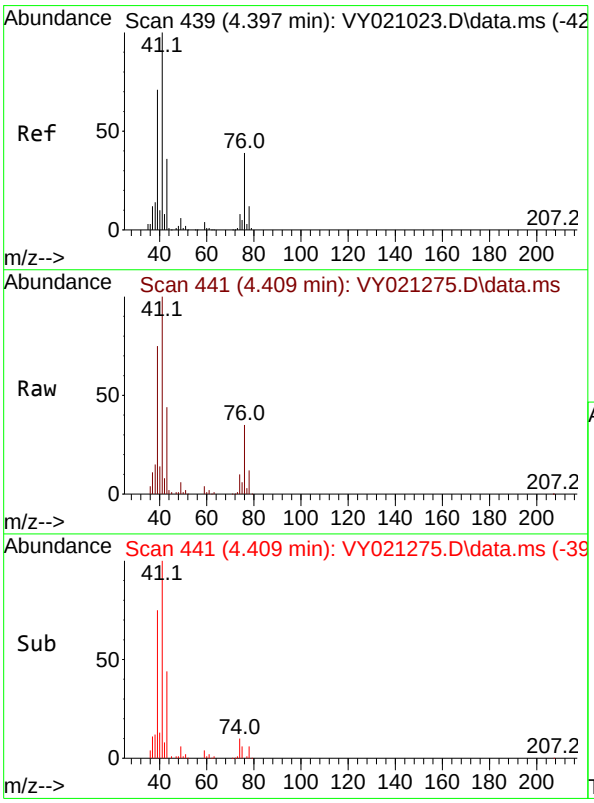
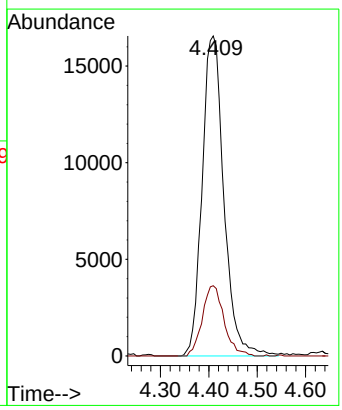
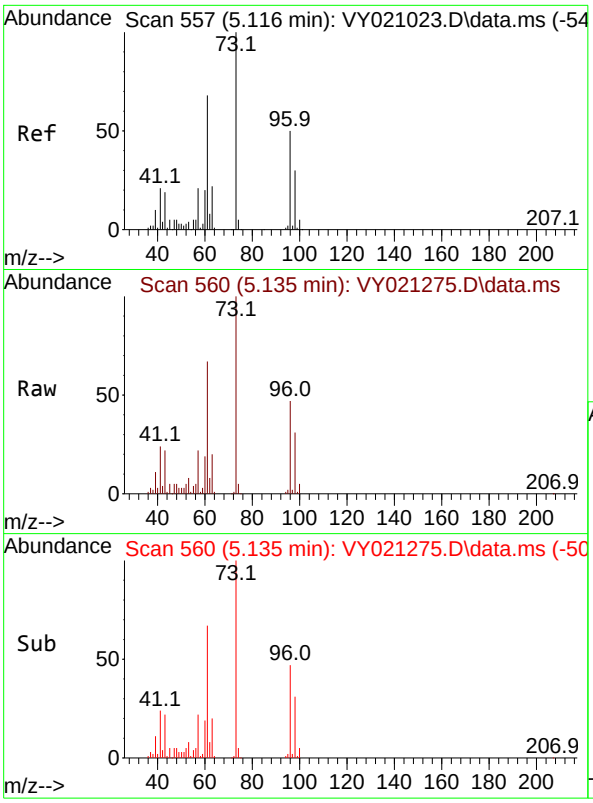


#18
Methyl Acetate
Concen: 68.522 ug/l
RT: 4.409 min Scan# 441
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 43 Resp: 51748

Ion	Ratio	Lower	Upper
43	100		
74	21.9	19.8	29.6

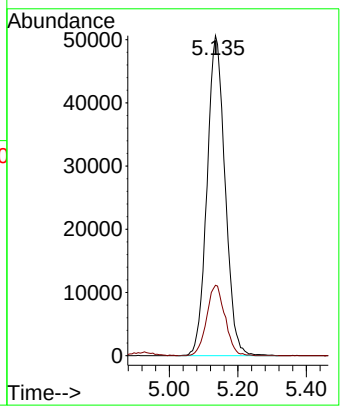




#19
Methyl tert-butyl Ether
Concen: 57.088 ug/l
RT: 5.135 min Scan# 5
Delta R.T. 0.018 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 73 Resp: 18523

Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.7	26.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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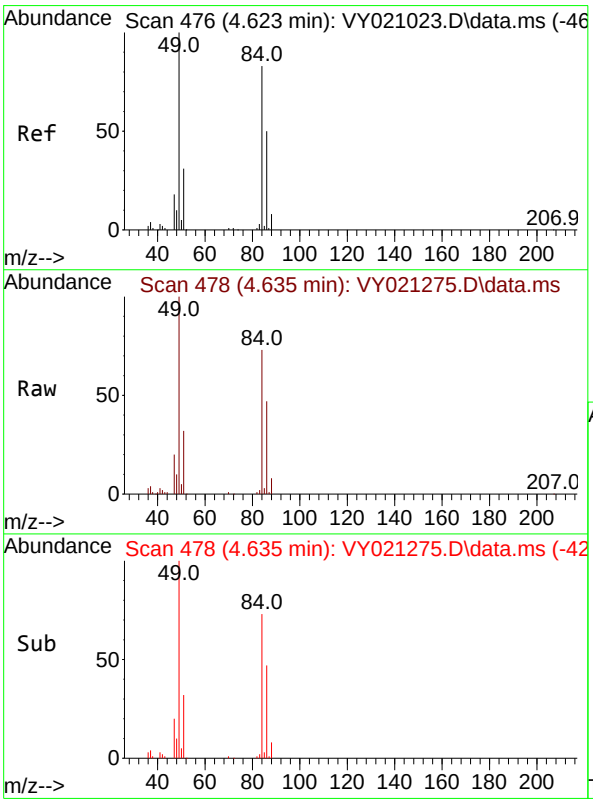
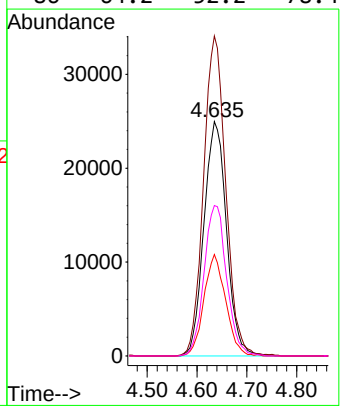
Reviewed By :Romaben Patel 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

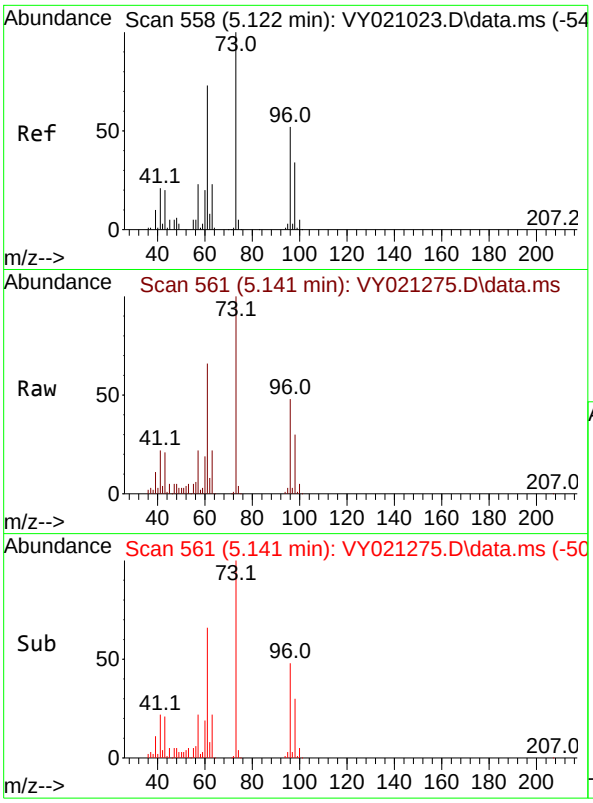


#20
Methylene Chloride
Concen: 58.723 ug/l
RT: 4.635 min Scan# 478
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 84 Resp: 78534

Ion	Ratio	Lower	Upper
84	100		
49	136.3	95.2	142.8
51	43.3	29.9	44.9
86	64.2	52.2	78.4

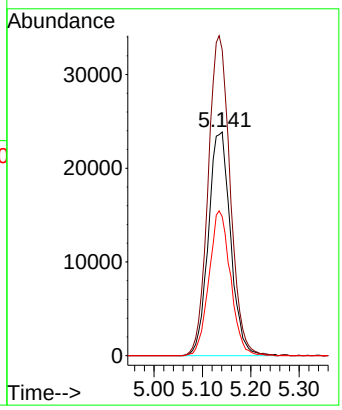




#21
trans-1,2-Dichloroethene
Concen: 53.821 ug/l
RT: 5.141 min Scan# 5
Delta R.T. 0.018 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 96 Resp: 7605

Ion	Ratio	Lower	Upper
96	100		
61	136.7	104.6	156.8
98	62.2	50.9	76.3



Instrument :
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ClientSampleId :
VSTDCCC050

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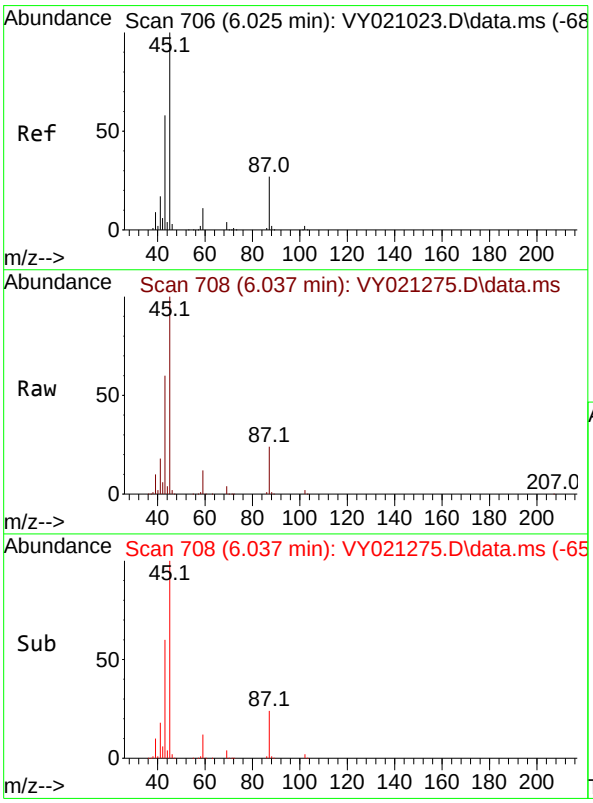
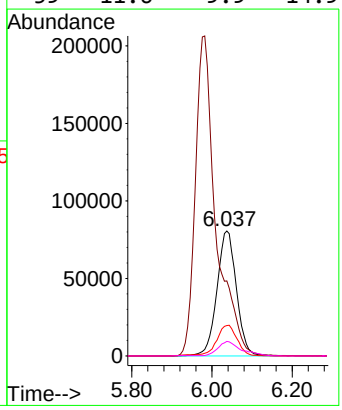
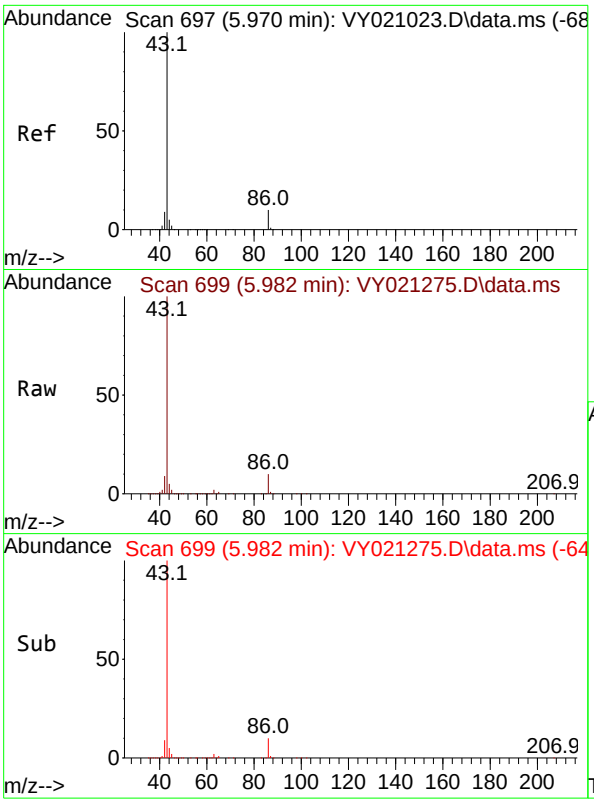


#22
Diisopropyl ether
Concen: 60.874 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 45 Resp: 271476

Ion	Ratio	Lower	Upper
45	100		
43	59.8	46.8	70.2
87	24.3	22.2	33.2
59	11.6	9.9	14.9

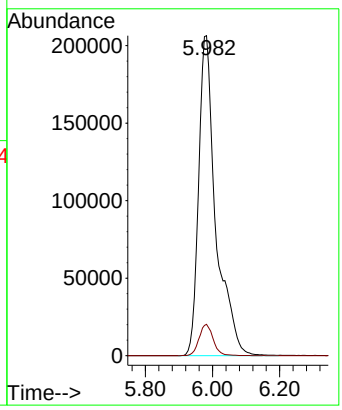




#23
Vinyl Acetate
Concen: 295.758 ug/l
RT: 5.982 min Scan# 6
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 43 Resp: 73527

Ion	Ratio	Lower	Upper
43	100		
86	9.8	8.6	13.0



Instrument :
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ClientSampleId :
VSTDCCC050

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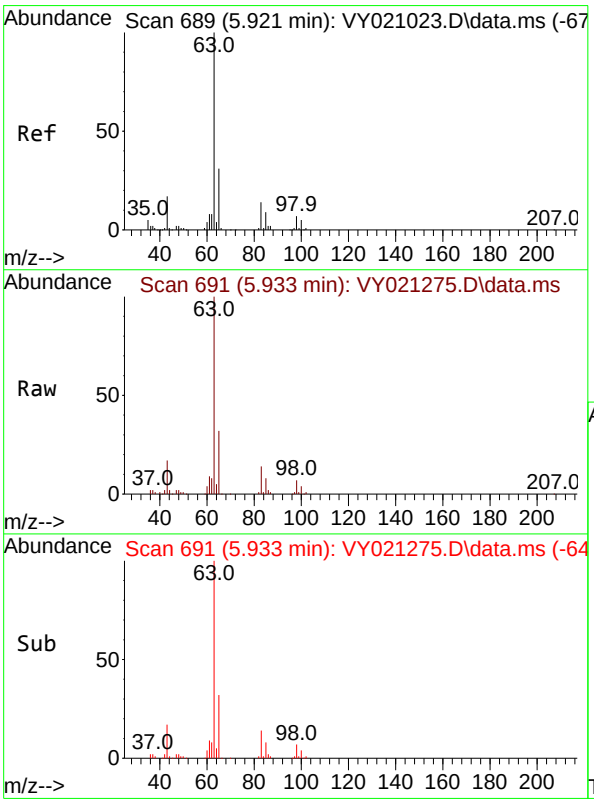
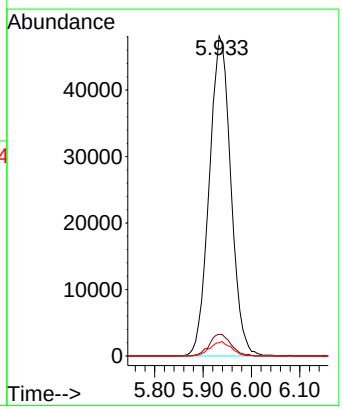
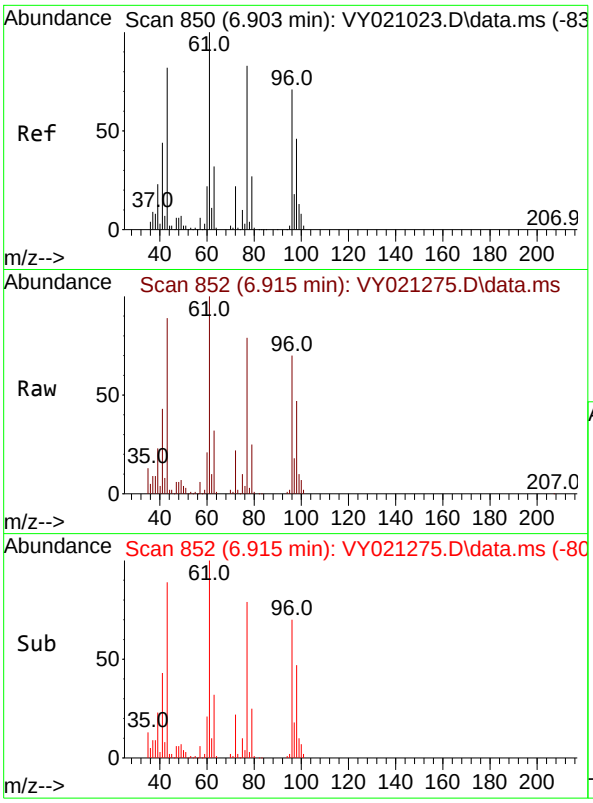


#24
1,1-Dichloroethane
Concen: 57.076 ug/l
RT: 5.933 min Scan# 691
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 63 Resp: 149132

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.8	11.4
100	4.1	2.1	6.2

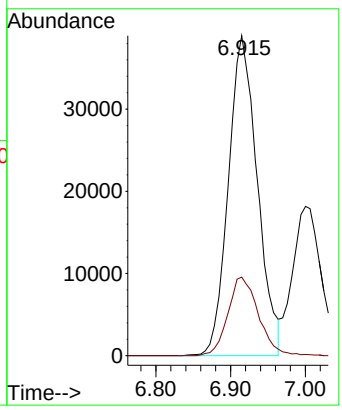




#25
2-Butanone
Concen: 297.023 ug/l
RT: 6.915 min Scan# 8
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 43 Resp: 10500

Ion	Ratio	Lower	Upper
43	100		
72	24.6	21.4	32.2



Instrument :
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ClientSampleId :
VSTDCCC050

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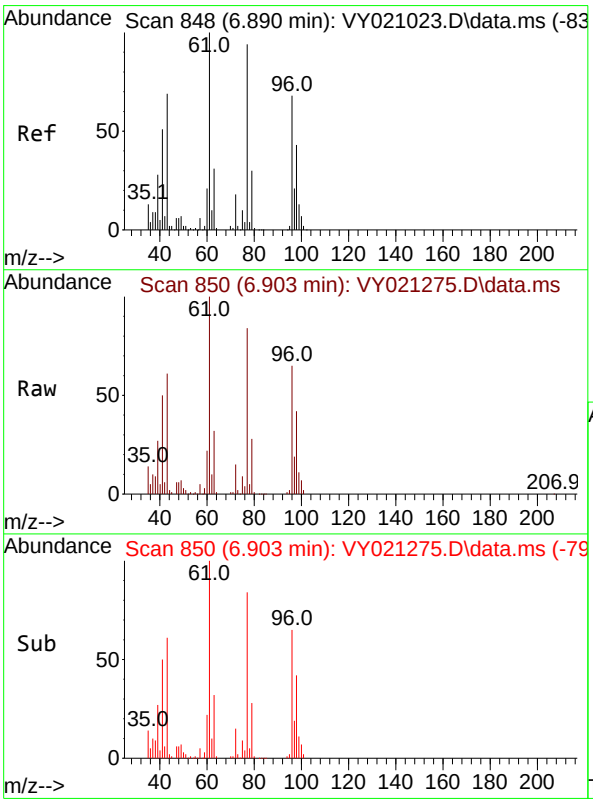
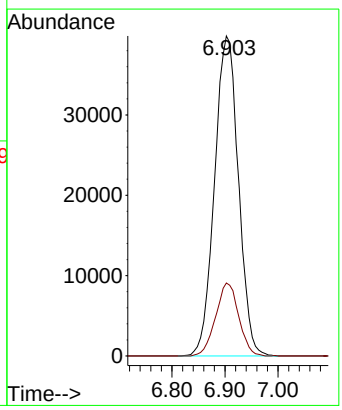
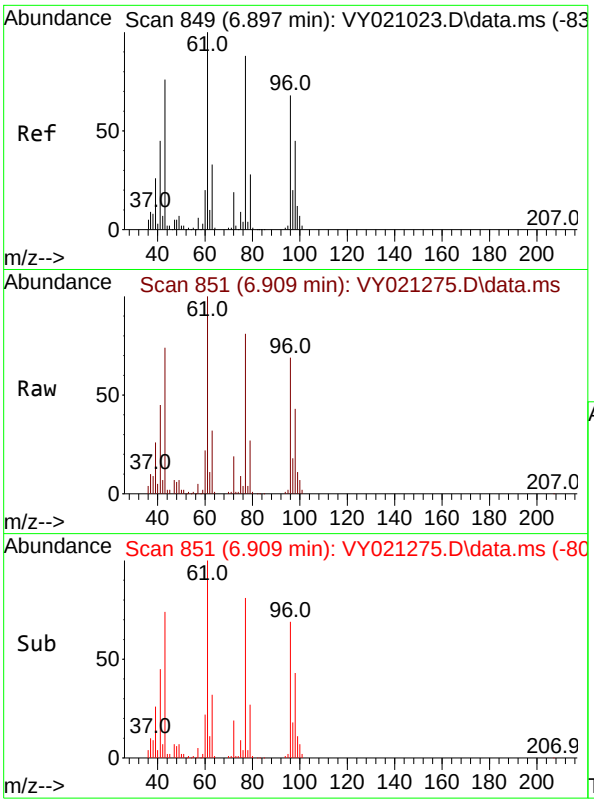


#26
2,2-Dichloropropane
Concen: 51.467 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 77 Resp: 124428

Ion	Ratio	Lower	Upper
77	100		
97	22.0	11.7	35.0

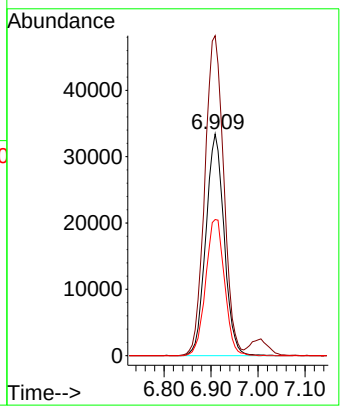




#27
cis-1,2-Dichloroethene
Concen: 55.391 ug/l
RT: 6.909 min Scan# 8
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 96 Resp: 9009

Ion	Ratio	Lower	Upper
96	100		
61	149.9	0.0	278.8
98	63.5	0.0	127.0



Instrument :
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ClientSampleId :
VSTDCCC050

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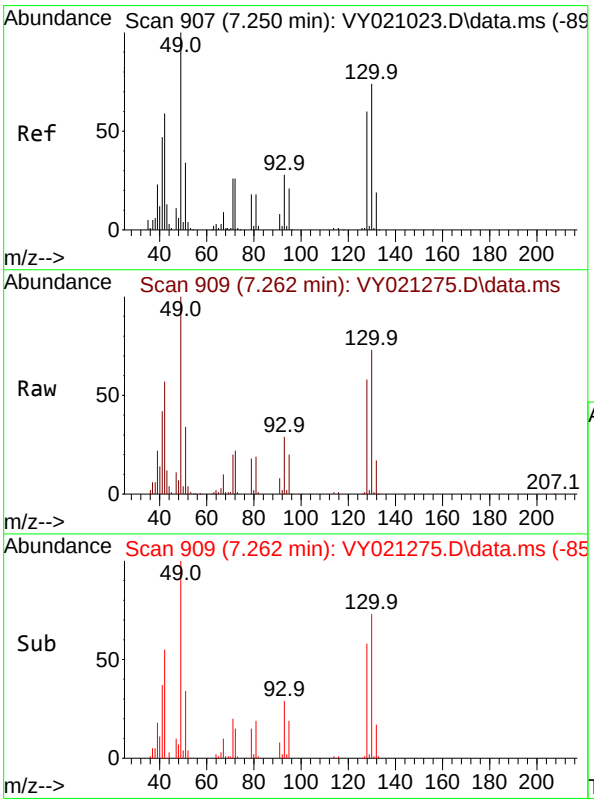
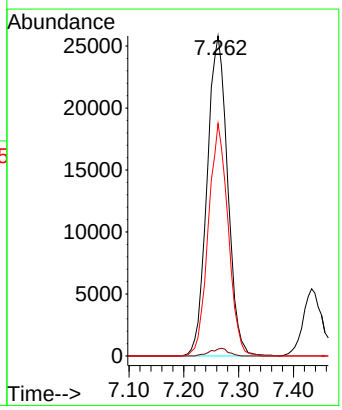
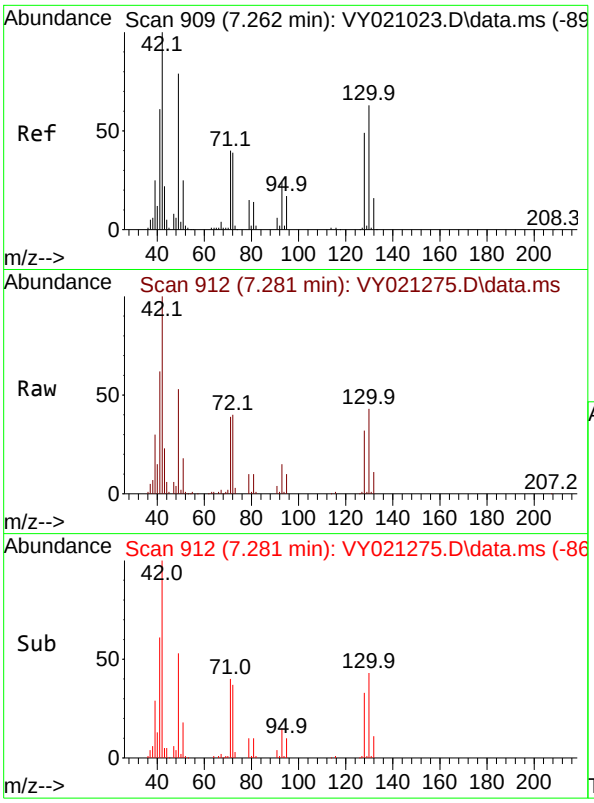


#28
Bromochloromethane
Concen: 64.798 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 49 Resp: 66949

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	69.9	59.8	89.8

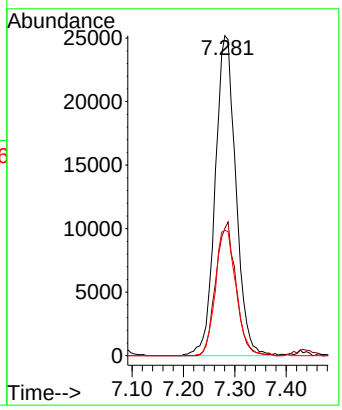




#29
Tetrahydrofuran
Concen: 294.152 ug/l
RT: 7.281 min Scan# 9
Delta R.T. 0.018 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 42 Resp: 7036

Ion	Ratio	Lower	Upper
42	100		
72	40.5	36.6	54.8
71	39.6	33.8	50.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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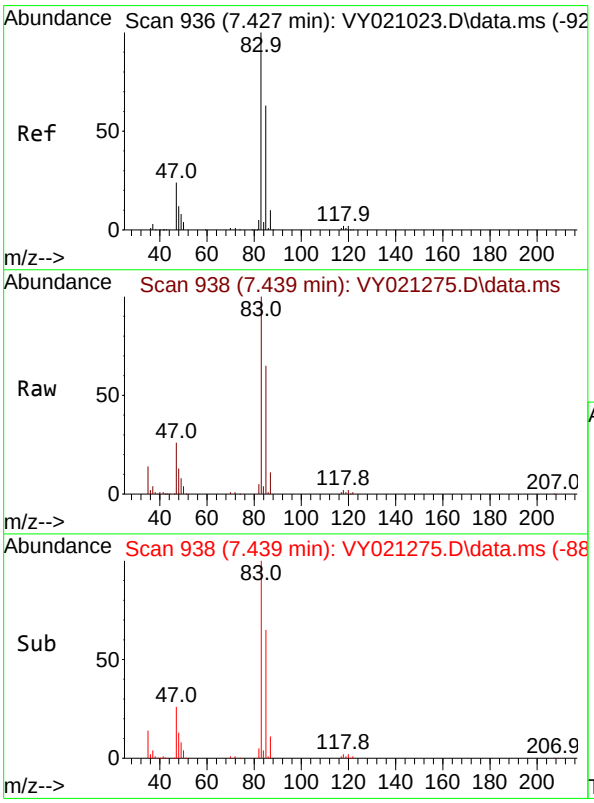
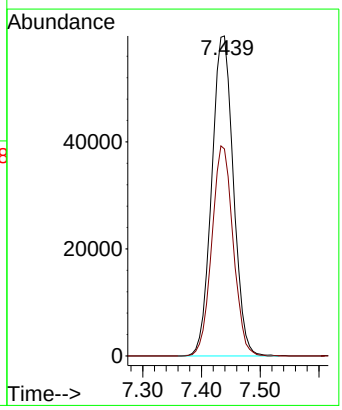
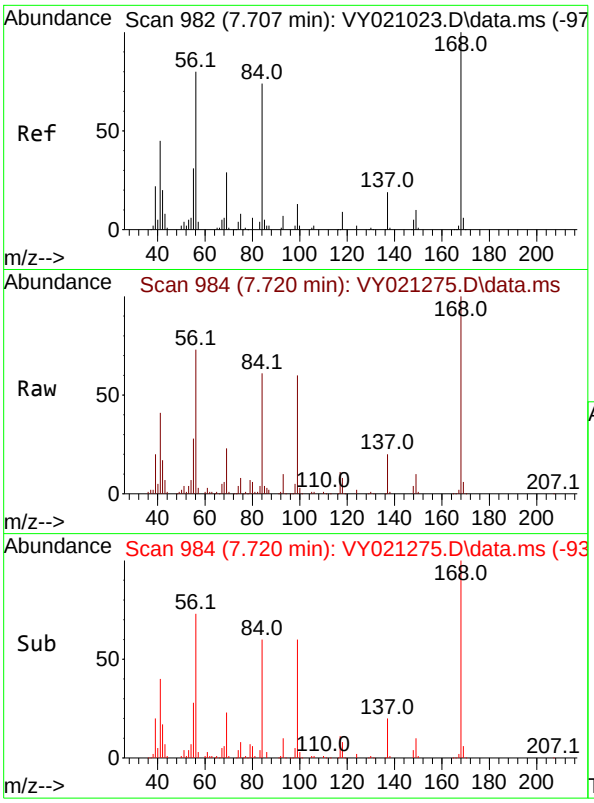


#30
Chloroform
Concen: 56.956 ug/l
RT: 7.439 min Scan# 938
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 83 Resp: 152860

Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.2	76.8

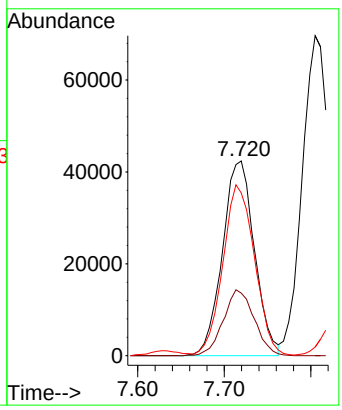




#31
Cyclohexane
Concen: 46.238 ug/l
RT: 7.720 min Scan# 9
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 56 Resp: 10879

Ion	Ratio	Lower	Upper
56	100		
69	32.2	27.0	40.6
84	81.9	71.8	107.6



Instrument :
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ClientSampleId :
VSTDCCC050

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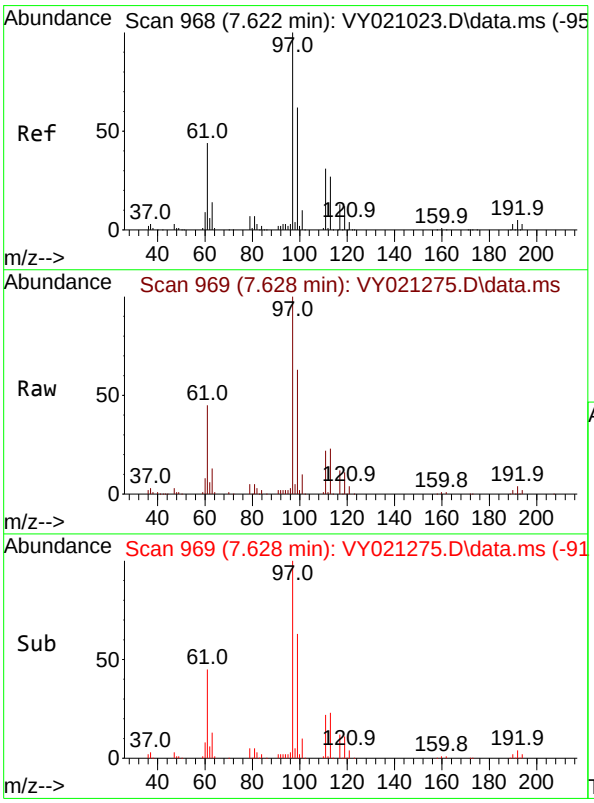
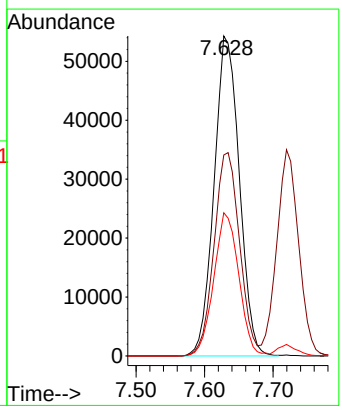
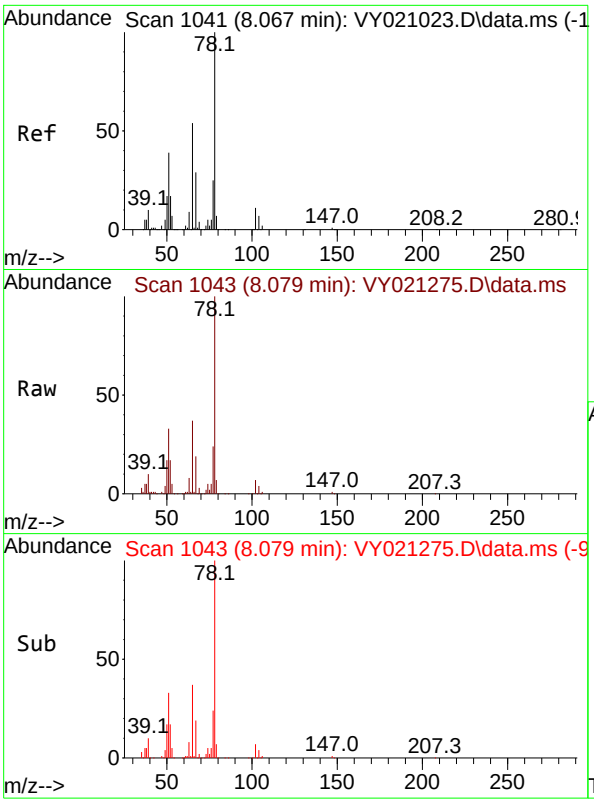


#32
1,1,1-Trichloroethane
Concen: 55.572 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 97 Resp: 138665

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.2	76.8
61	44.5	35.0	52.6

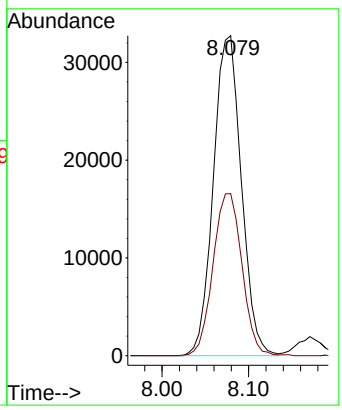




#33
1,2-Dichloroethane-d4
Concen: 53.279 ug/l
RT: 8.079 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 65 Resp: 7349

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	109.0



Instrument :
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ClientSampleId :
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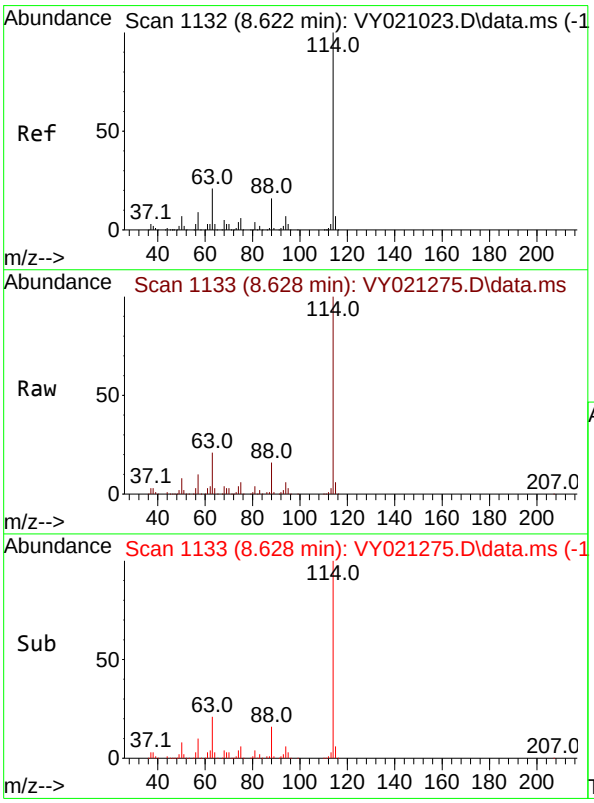
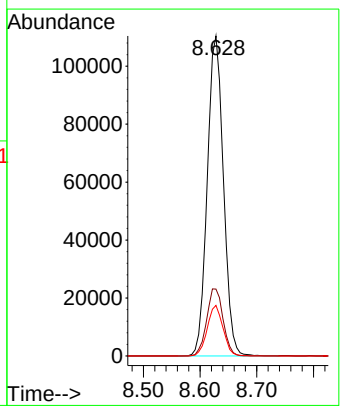
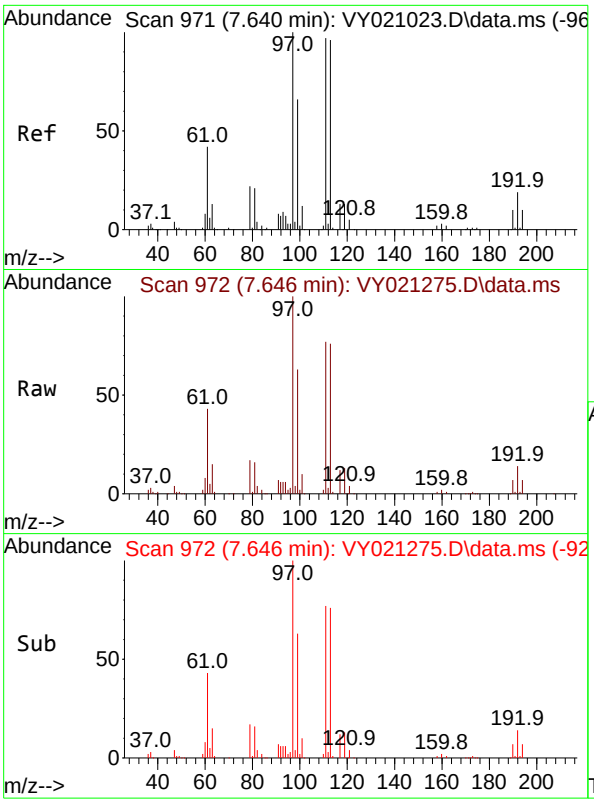


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.628 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:114 Resp: 218893

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	37.4
88	15.8	0.0	29.0

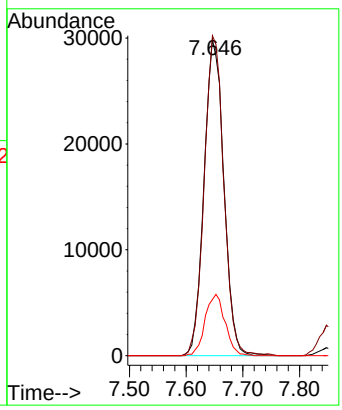




#35
Dibromofluoromethane
Concen: 51.569 ug/l
RT: 7.646 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:113 Resp: 7234

Ion	Ratio	Lower	Upper
113	100		
111	100.2	83.8	125.6
192	19.6	14.5	21.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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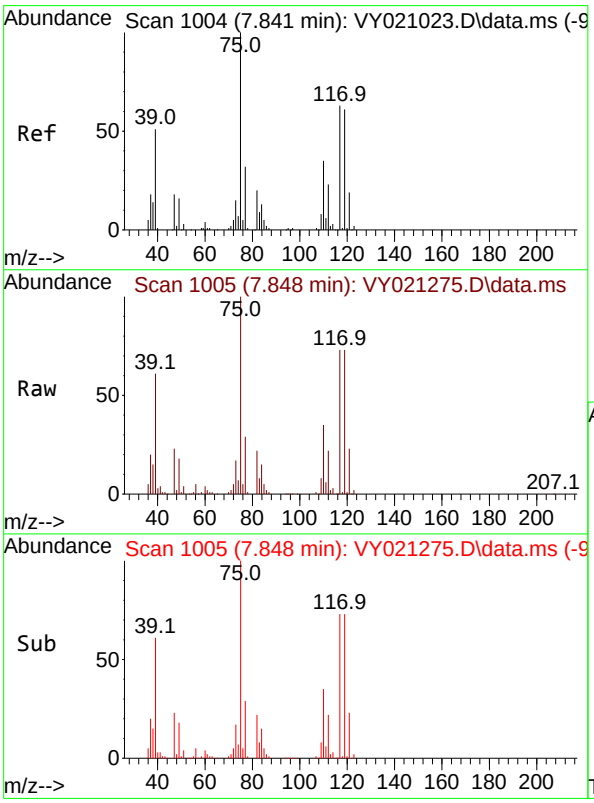
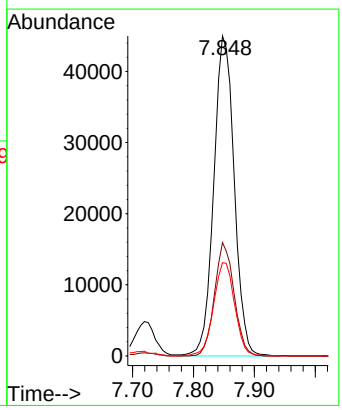
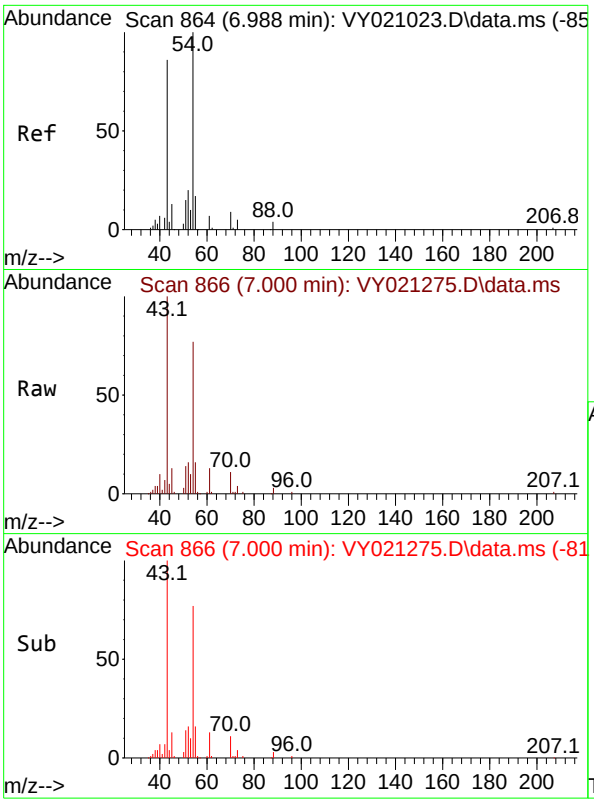


#36
1,1-Dichloropropene
Concen: 50.550 ug/l
RT: 7.848 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 75 Resp: 105033

Ion	Ratio	Lower	Upper
75	100		
110	33.8	17.4	52.3
77	30.1	24.7	37.1

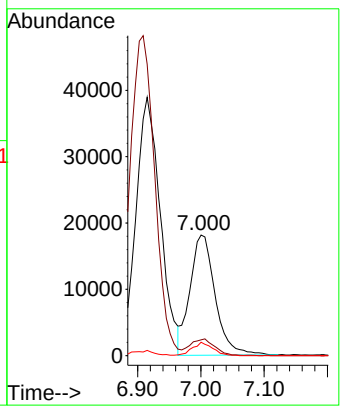




#37
Ethyl Acetate
Concen: 55.122 ug/l
RT: 7.000 min Scan# 8
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 43 Resp: 5024

Ion	Ratio	Lower	Upper
43	100		
61	13.0	11.0	16.6
70	9.2	8.1	12.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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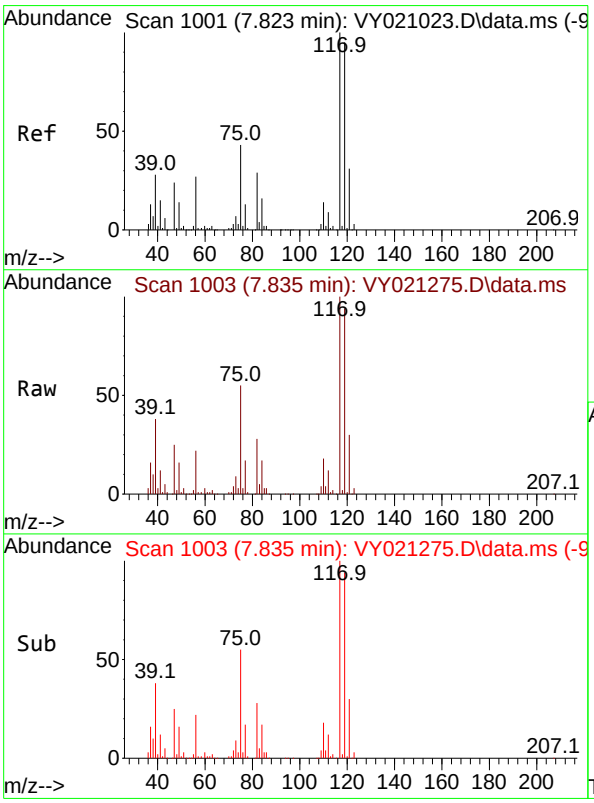
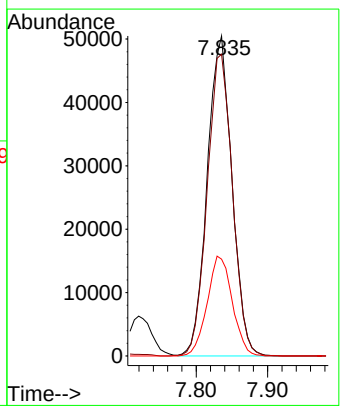
Reviewed By :Romaben Patel 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

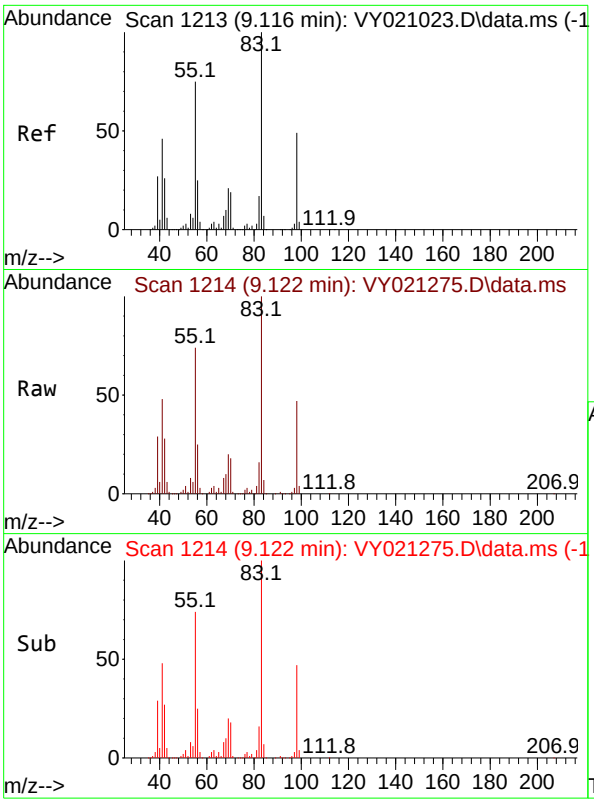


#38
Carbon Tetrachloride
Concen: 49.912 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:117 Resp: 121178

Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.0	114.0
121	30.3	24.2	36.2





#39
Methylcyclohexane
Concen: 45.490 ug/l
RT: 9.122 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 83 Resp: 11561

Ion	Ratio	Lower	Upper
83	100		
55	74.0	59.7	89.5
98	47.1	38.0	57.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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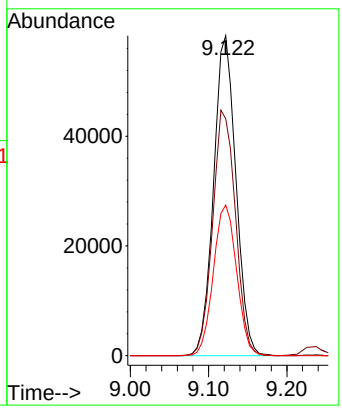
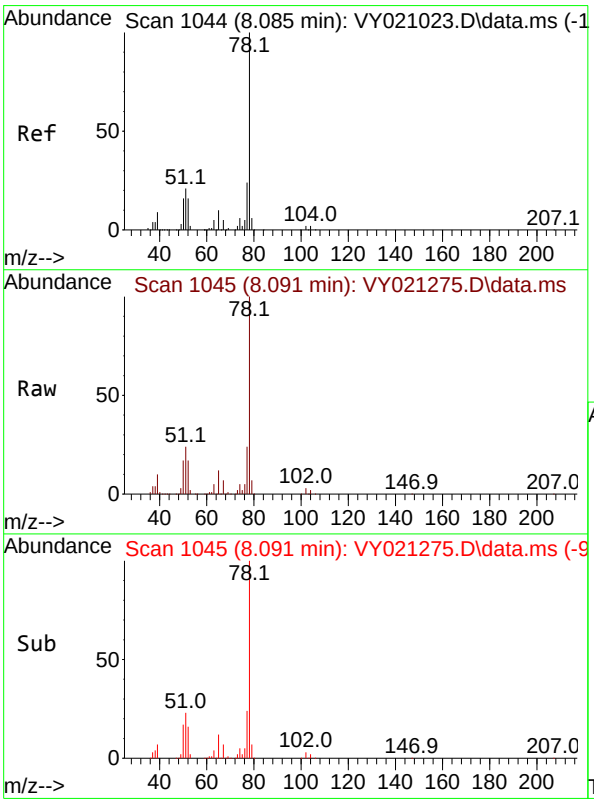
Reviewed By :Romaben Patel 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

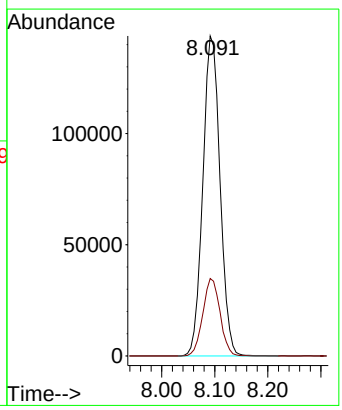


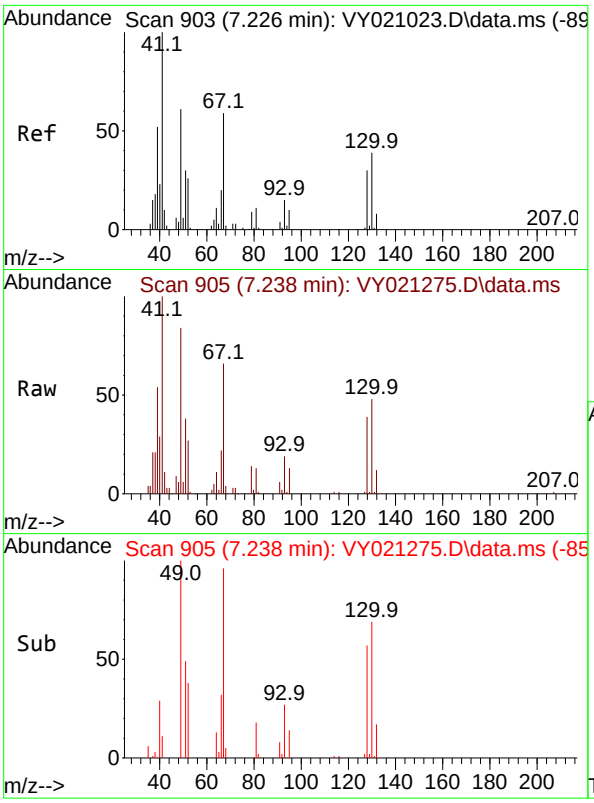


#40
Benzene
Concen: 53.166 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 78 Resp: 324187

Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.8	28.2

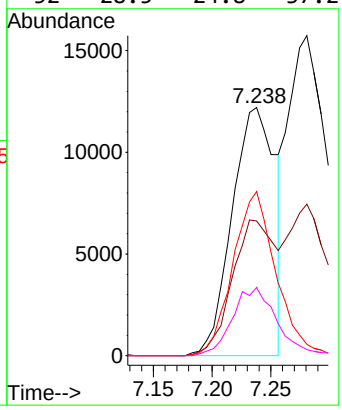




#41
Methacrylonitrile
Concen: 58.909 ug/l
RT: 7.238 min Scan# 9
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 41 Resp: 3106

Ion	Ratio	Lower	Upper
41	100		
39	54.4	41.9	62.9
67	66.7	59.8	89.6
52	28.5	24.8	37.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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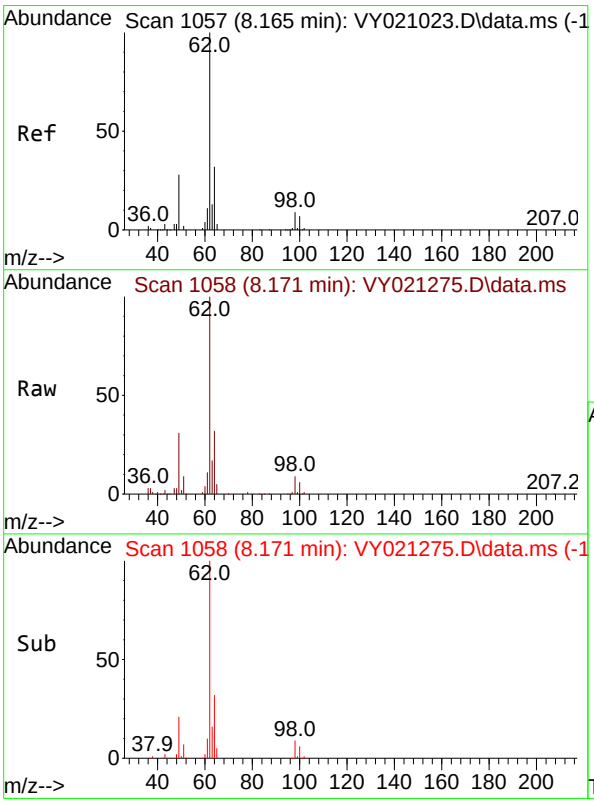
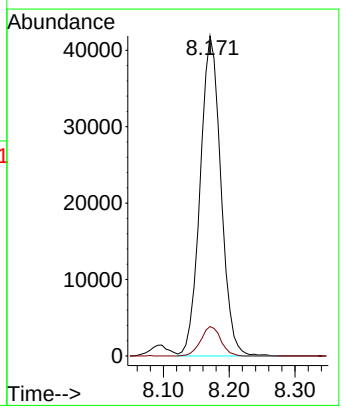
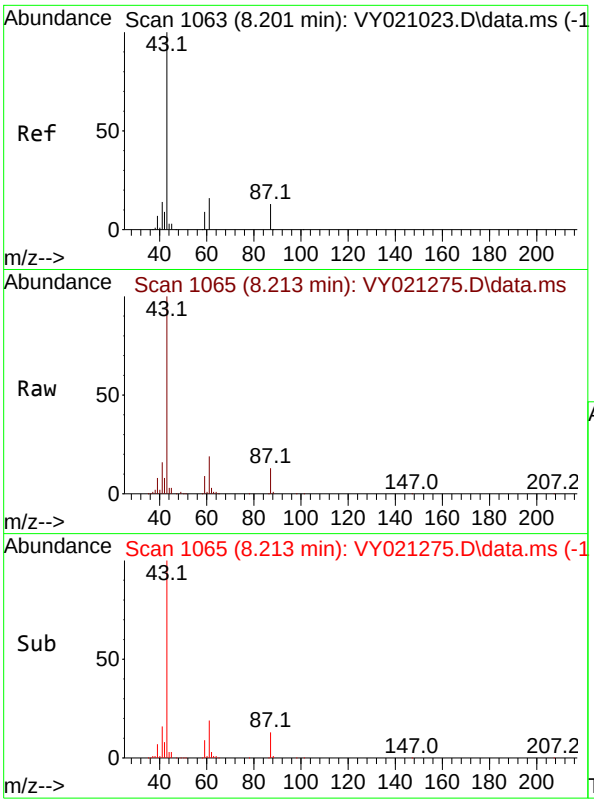


#42
1,2-Dichloroethane
Concen: 54.268 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 62 Resp: 91794

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	20.2





#43
Isopropyl Acetate
Concen: 56.240 ug/l
RT: 8.213 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 43 Resp: 10186

Ion	Ratio	Lower	Upper
43	100		
61	28.2	24.8	37.2
87	12.4	10.7	16.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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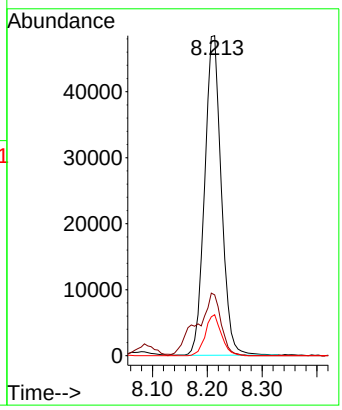
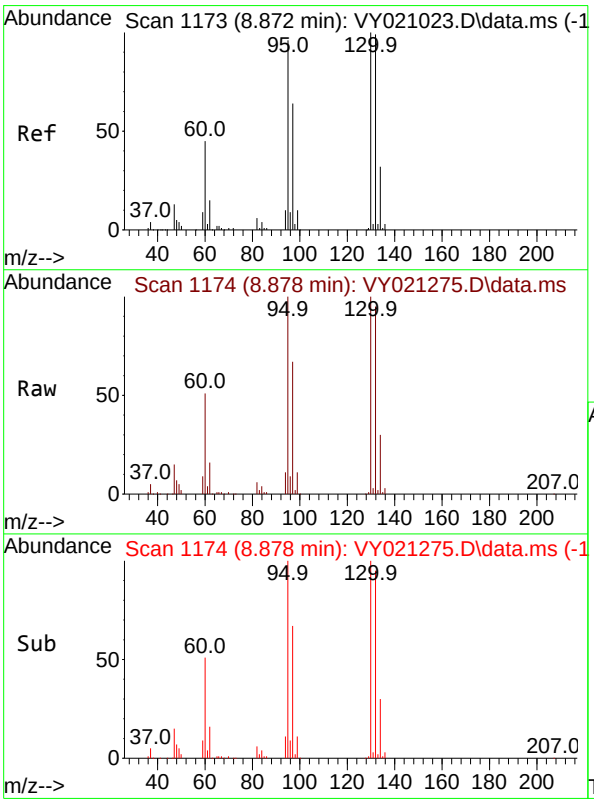
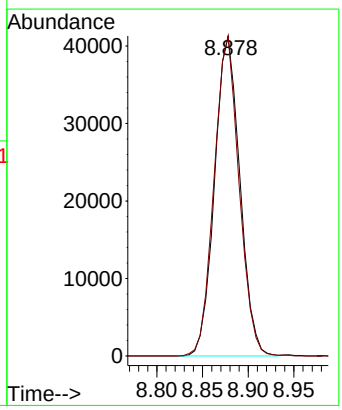


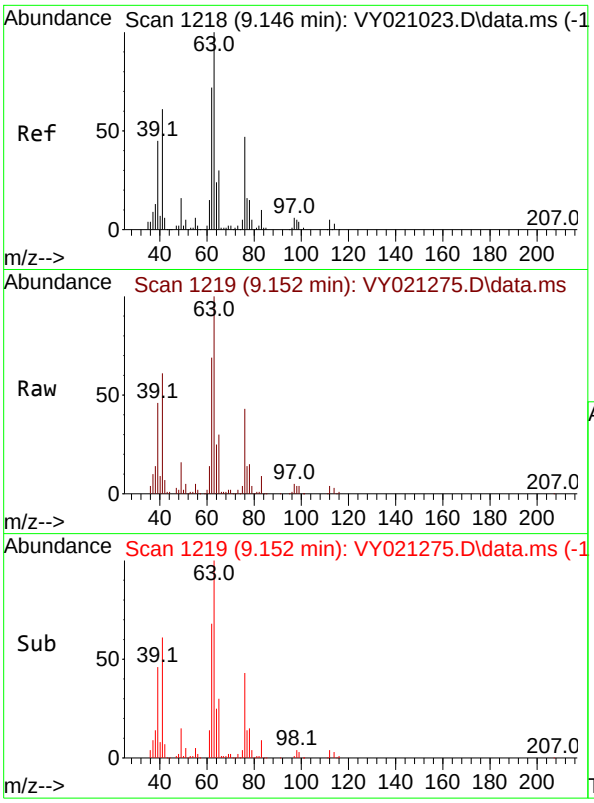


#44
Trichloroethene
Concen: 50.313 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:130 Resp: 79263

Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	203.8

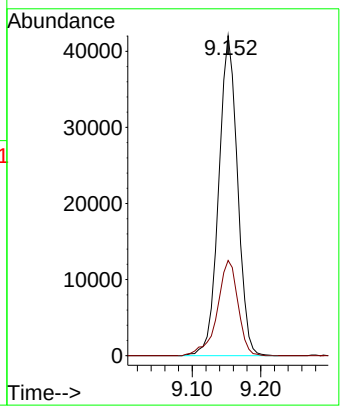




#45
1,2-Dichloropropane
Concen: 55.222 ug/l
RT: 9.152 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 63 Resp: 7992

Ion	Ratio	Lower	Upper
63	100		
65	29.8	24.6	36.8



Instrument :
MSVOA_Y
ClientSampleId :
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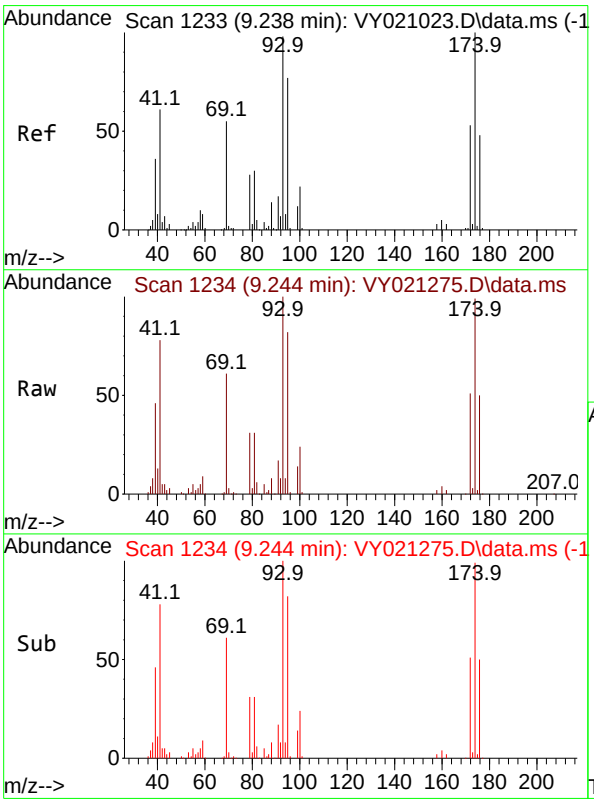
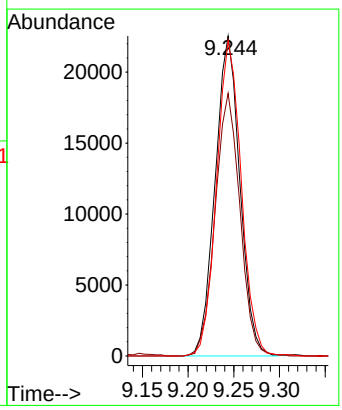
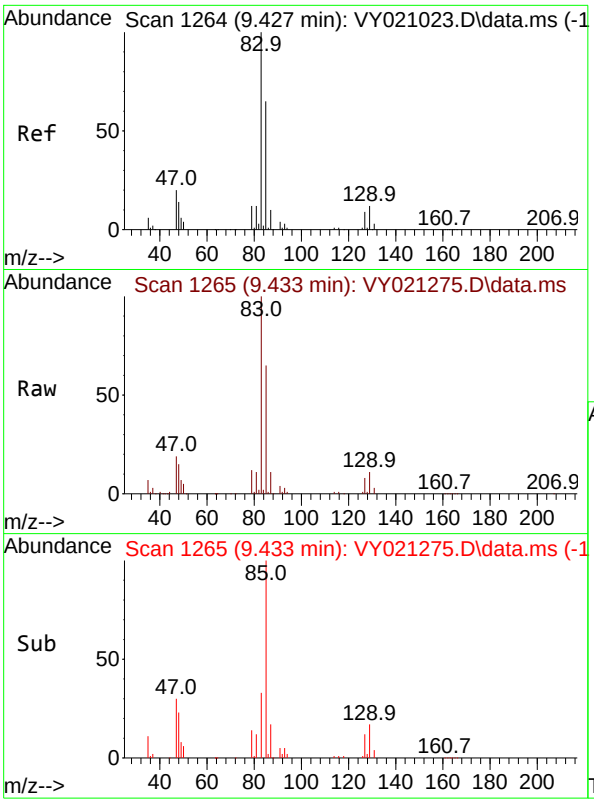


#46
Dibromomethane
Concen: 52.936 ug/l
RT: 9.244 min Scan# 1234
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 93 Resp: 42419

Ion	Ratio	Lower	Upper
93	100		
95	82.3	66.6	99.8
174	98.6	73.8	110.6

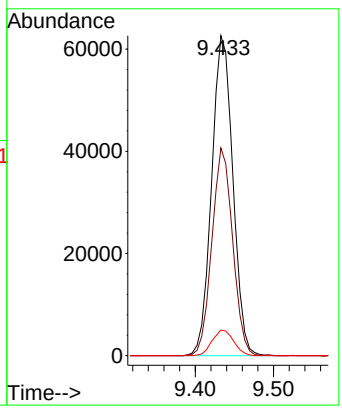




#47
Bromodichloromethane
Concen: 54.838 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 83 Resp: 11785

Ion	Ratio	Lower	Upper
83	100		
85	64.9	53.2	79.8
127	8.0	6.4	9.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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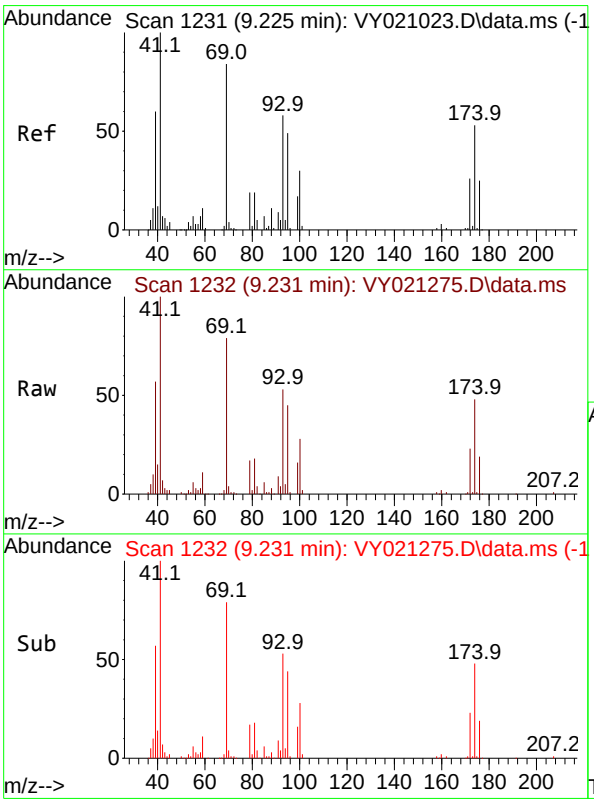
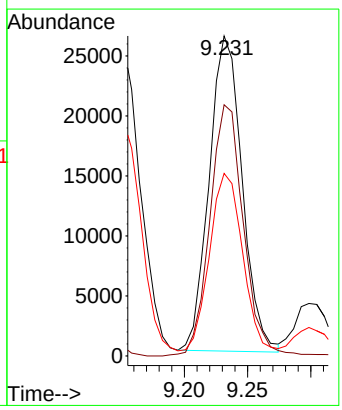
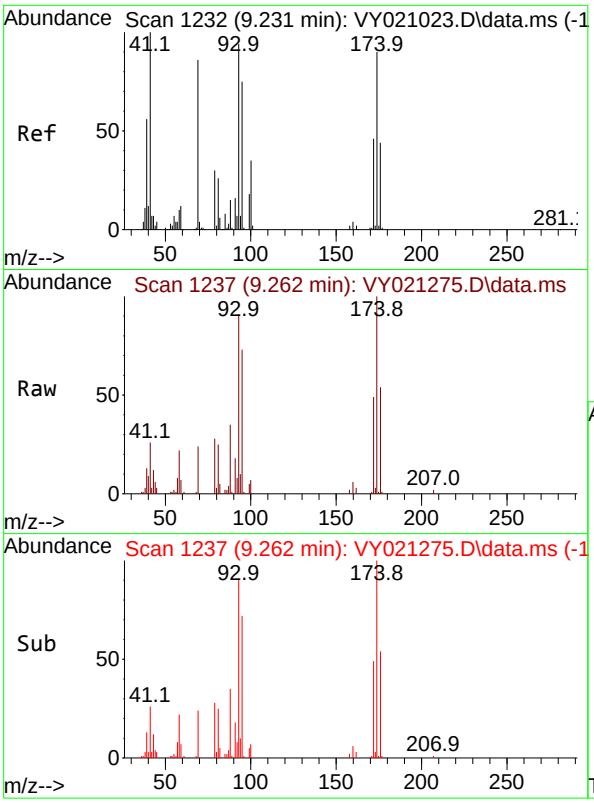


#48
Methyl methacrylate
Concen: 57.687 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 41 Resp: 47593

Ion	Ratio	Lower	Upper
41	100		
69	81.3	72.1	108.1
39	59.8	42.8	64.2





#49
1,4-Dioxane
Concen: 1081.002 ug/l
RT: 9.262 min Scan# 1
Delta R.T. 0.030 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 88 Resp: 806

Ion	Ratio	Lower	Upper
88	100		
43	27.9	28.2	42.4
58	75.3	52.2	78.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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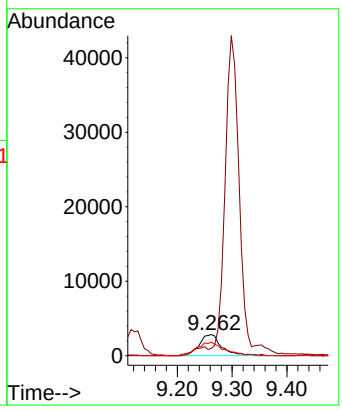
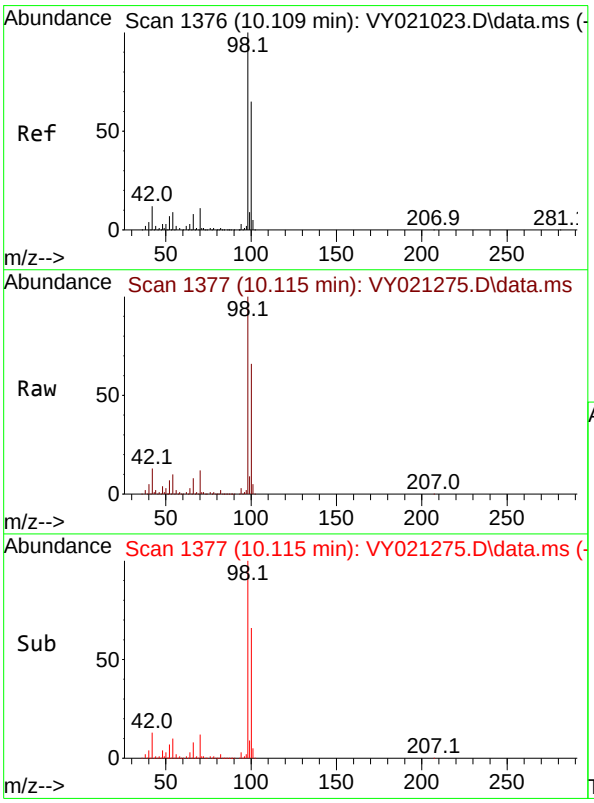
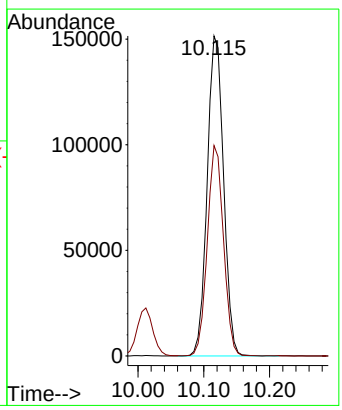


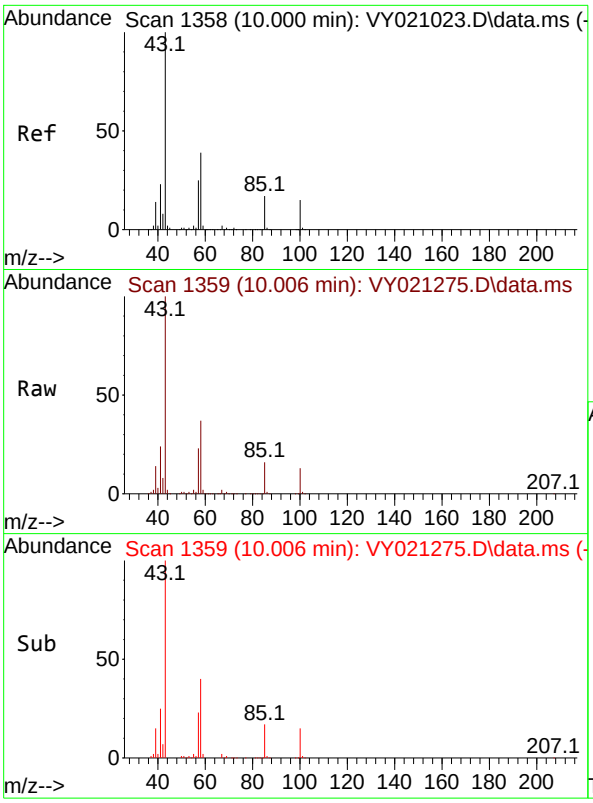


#50
Toluene-d8
Concen: 49.121 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 98 Resp: 262335

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.3	78.5

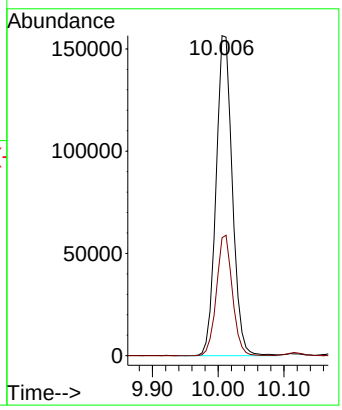




#51
4-Methyl-2-Pentanone
Concen: 296.038 ug/l
RT: 10.006 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 43 Resp: 26963

Ion	Ratio	Lower	Upper
43	100		
58	36.9	32.2	48.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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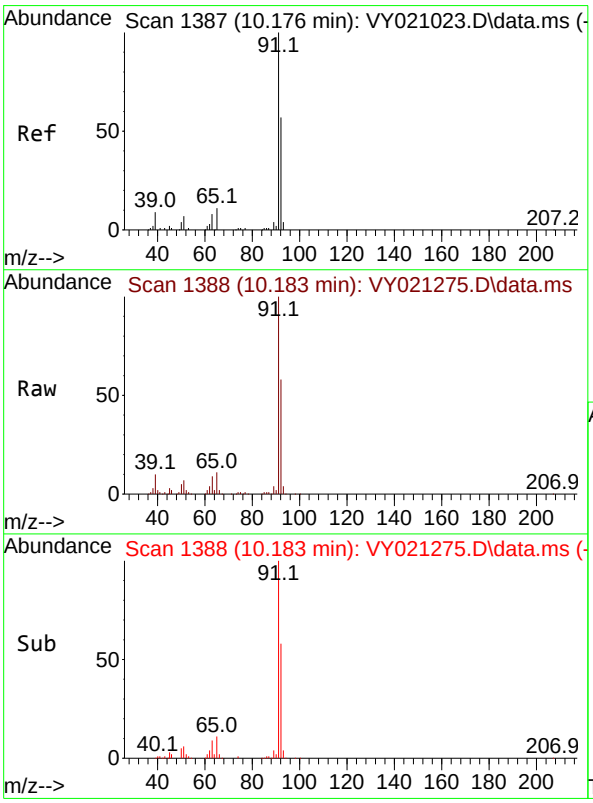
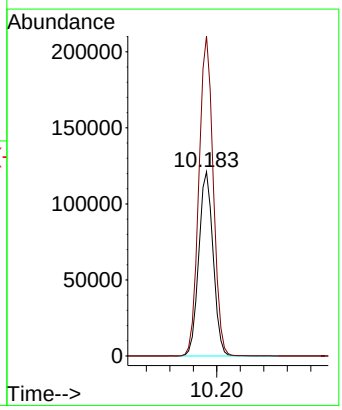
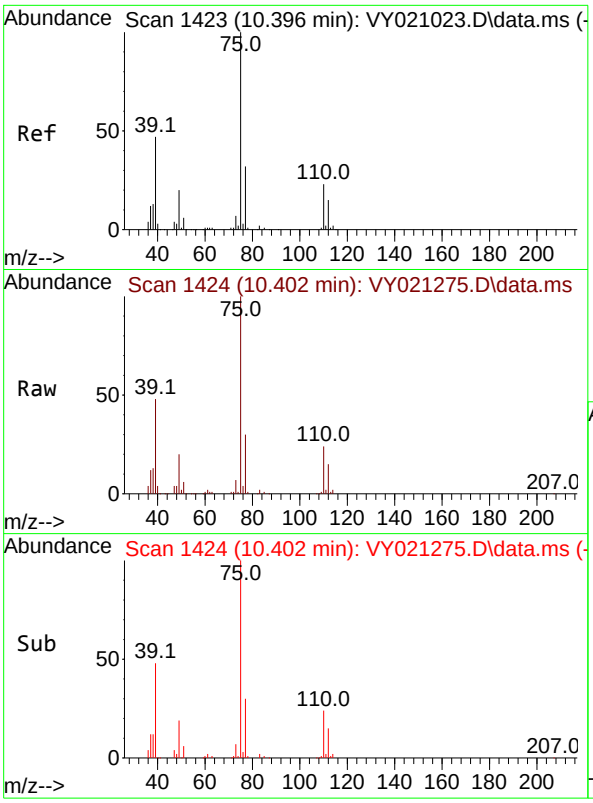


#52
Toluene
Concen: 53.414 ug/l
RT: 10.183 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 92 Resp: 204505

Ion	Ratio	Lower	Upper
92	100		
91	173.9	137.6	206.4





#53
t-1,3-Dichloropropene
Concen: 53.911 ug/l
RT: 10.402 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 75 Resp: 10403

Ion	Ratio	Lower	Upper
75	100		
77	30.1	24.6	36.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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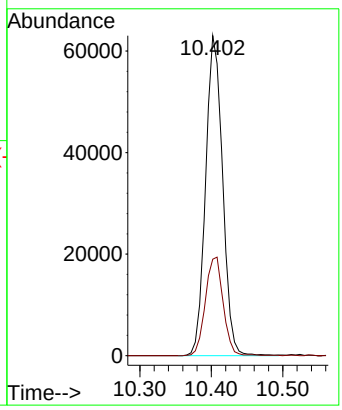
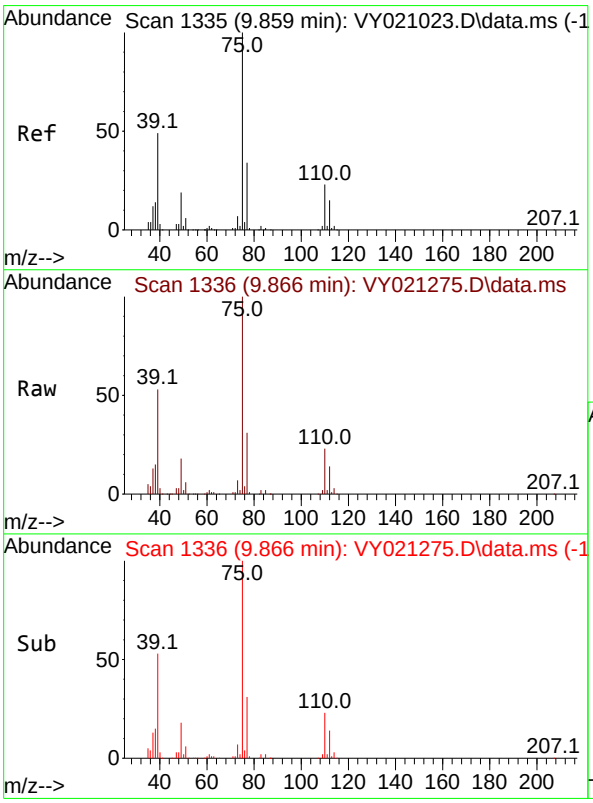
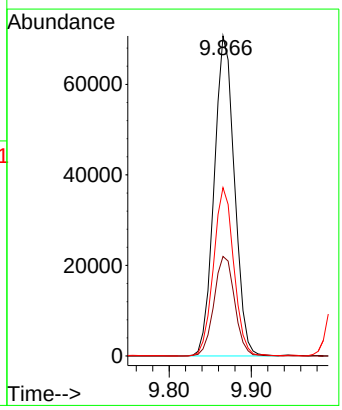


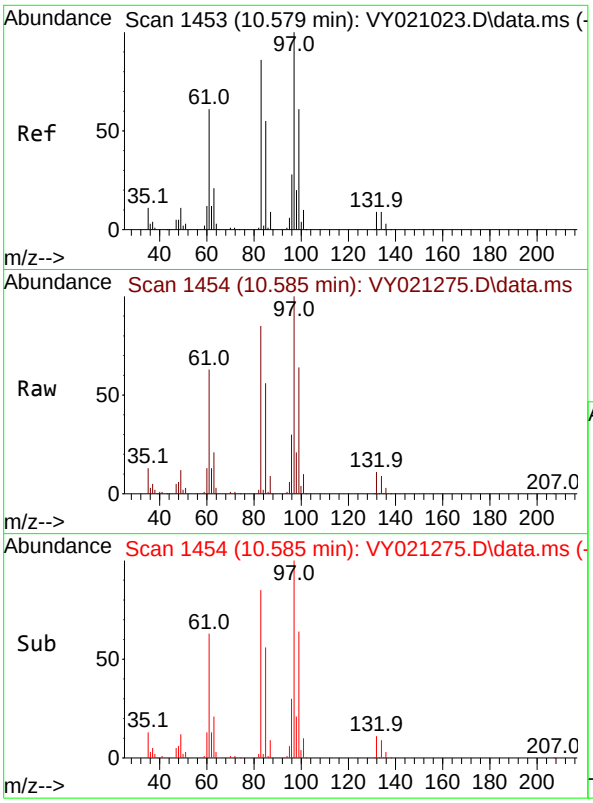


#54
cis-1,3-Dichloropropene
Concen: 53.134 ug/l
RT: 9.866 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 75 Resp: 121404

Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.6	36.8
39	52.6	33.6	50.4#

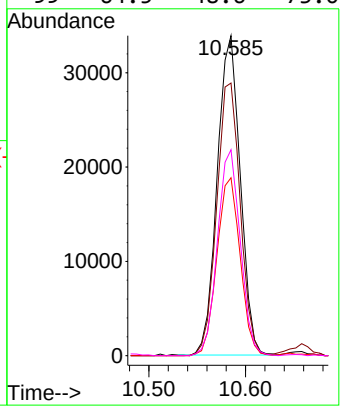




#55
1,1,2-Trichloroethane
Concen: 54.028 ug/l
RT: 10.585 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 97 Resp: 5606

Ion	Ratio	Lower	Upper
97	100		
83	85.4	69.4	104.2
85	55.7	43.9	65.9
99	64.5	48.6	73.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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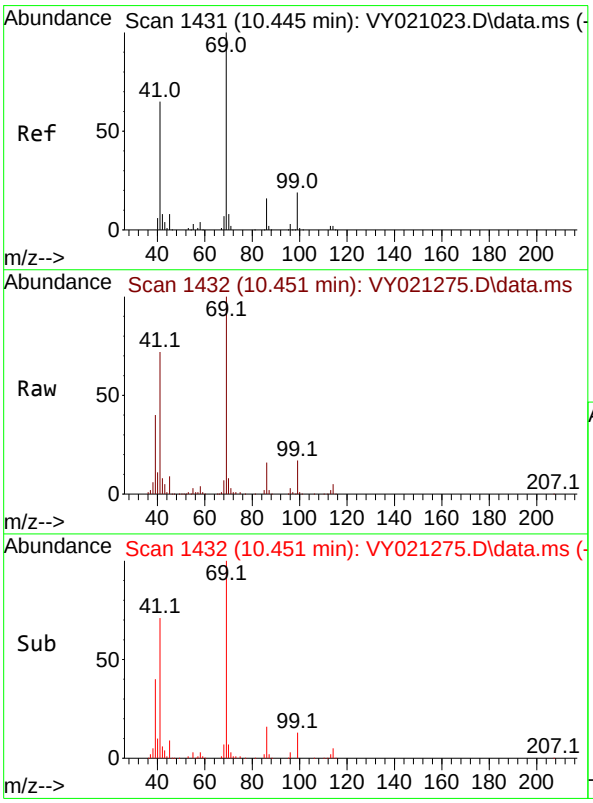
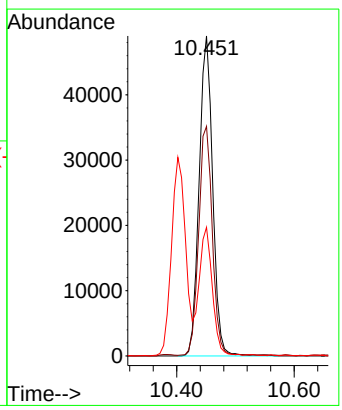
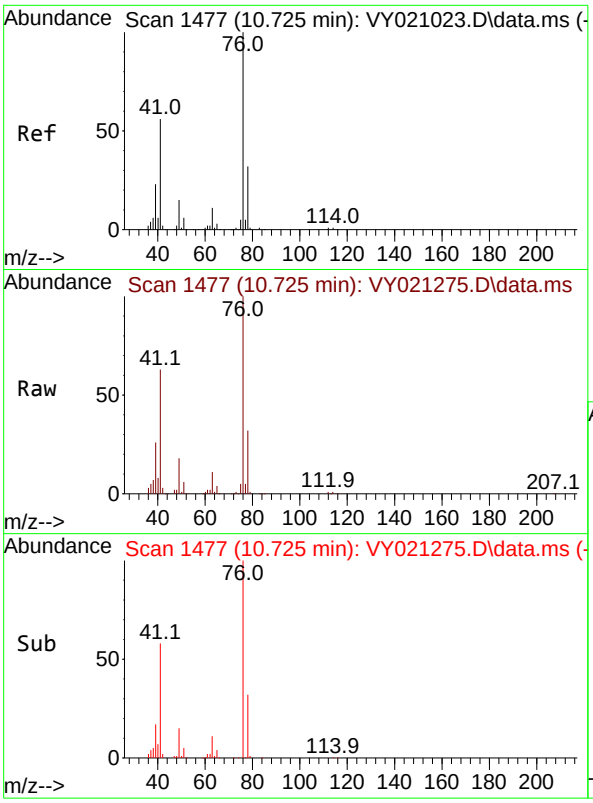


#56
Ethyl methacrylate
Concen: 56.492 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 69 Resp: 78420

Ion	Ratio	Lower	Upper
69	100		
41	72.0	49.2	73.8
39	39.3	26.8	40.2

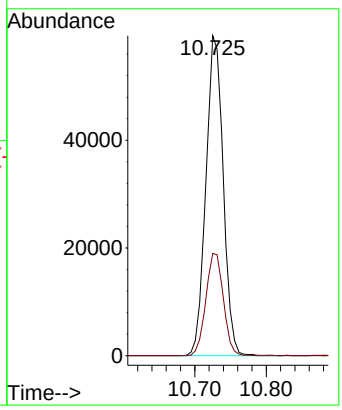




#57
1,3-Dichloropropane
Concen: 55.577 ug/l
RT: 10.725 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 76 Resp: 9982

Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.1	39.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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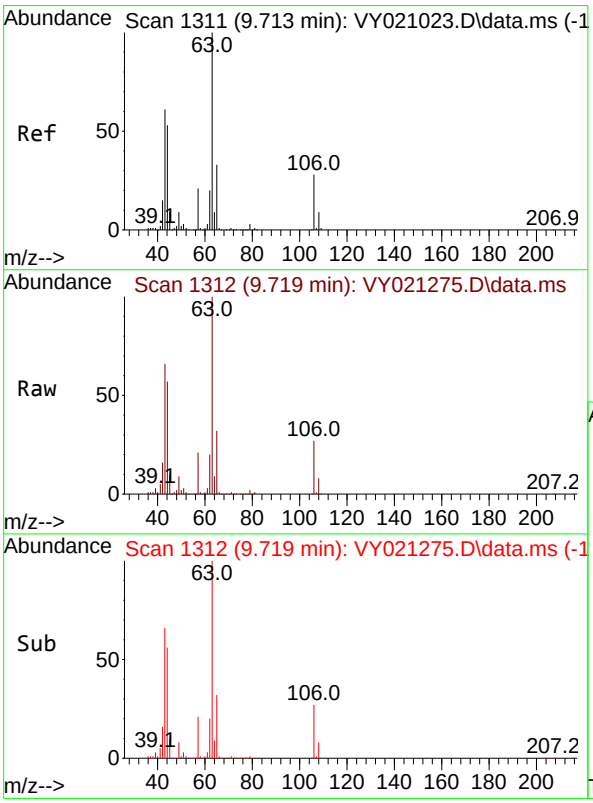
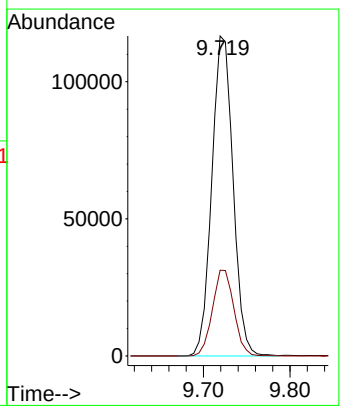
Reviewed By :Romaben Patel 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

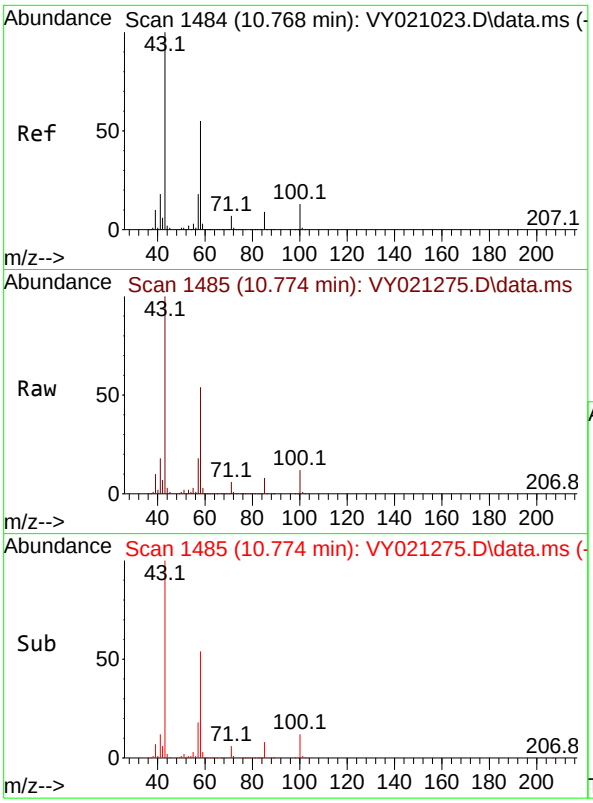


#58
2-Chloroethyl Vinyl ether
Concen: 301.108 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 63 Resp: 198856

Ion	Ratio	Lower	Upper
63	100		
106	27.0	22.4	33.6

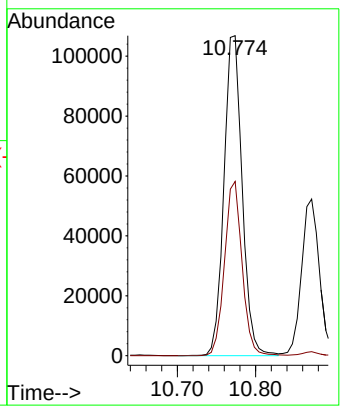




#59
2-Hexanone
Concen: 295.239 ug/l
RT: 10.774 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 43 Resp: 17313

Ion	Ratio	Lower	Upper
43	100		
58	52.5	28.1	84.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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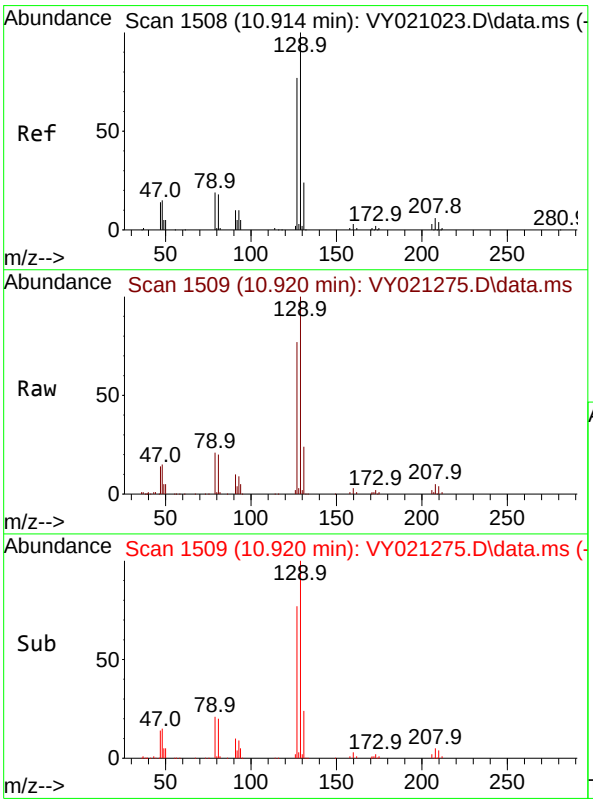
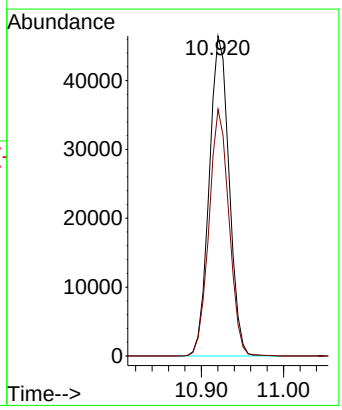
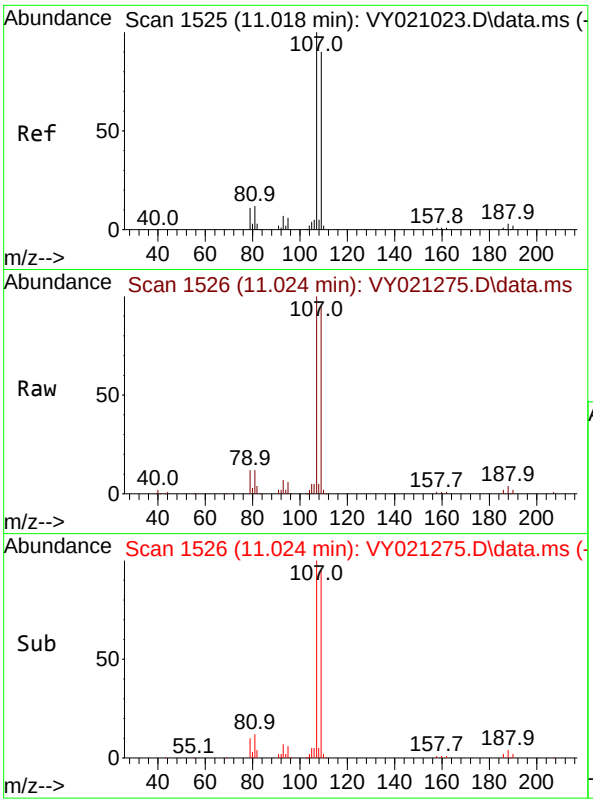


#60
Dibromochloromethane
Concen: 53.569 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:129 Resp: 78064

Ion	Ratio	Lower	Upper
129	100		
127	77.4	39.2	117.6

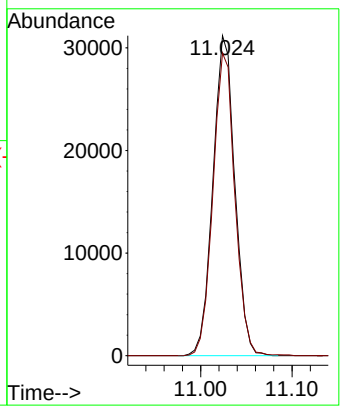




#61
1,2-Dibromoethane
Concen: 53.496 ug/l
RT: 11.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:107 Resp: 5199

Ion	Ratio	Lower	Upper
107	100		
109	94.7	75.4	113.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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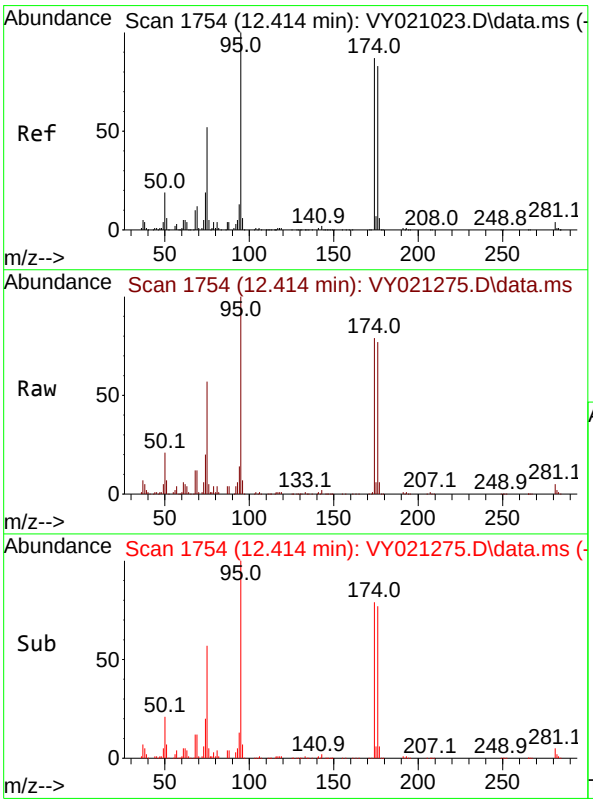
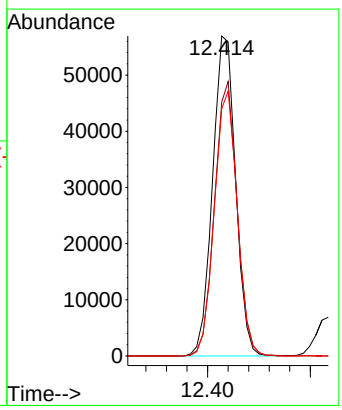
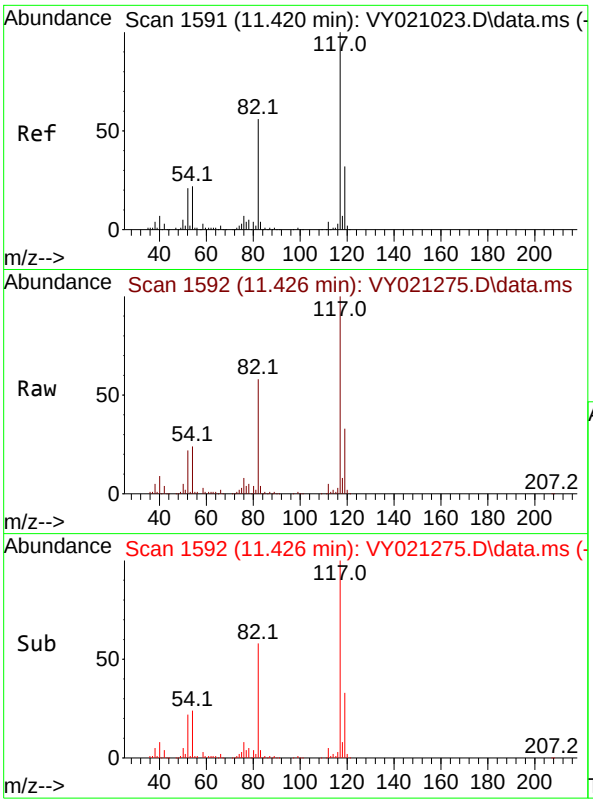


#62
4-Bromofluorobenzene
Concen: 50.693 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 95 Resp: 88447

Ion	Ratio	Lower	Upper
95	100		
174	84.0	0.0	160.0
176	82.2	0.0	151.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:117 Resp: 18943

Ion	Ratio	Lower	Upper
117	100		
82	58.3	43.8	65.8
119	32.6	26.5	39.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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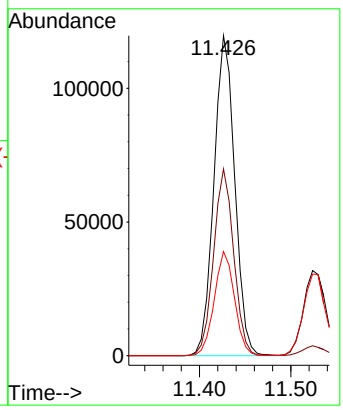
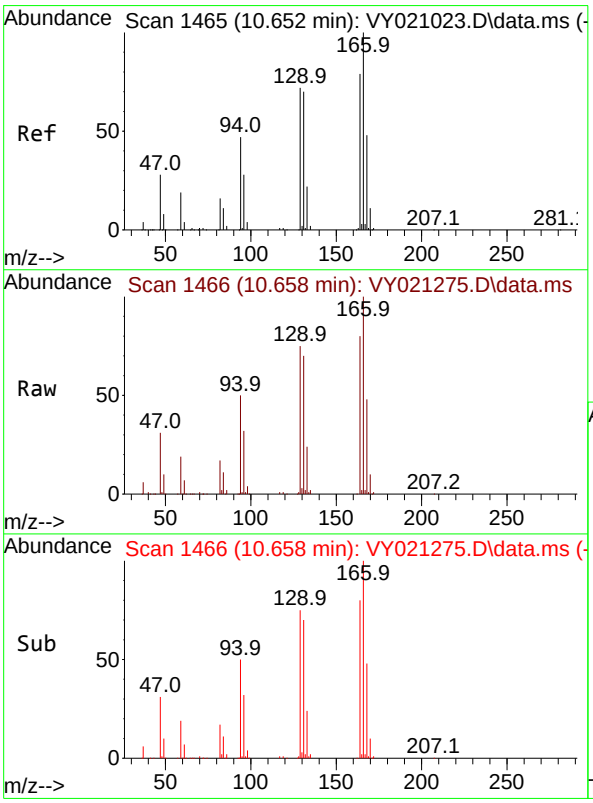
Supervised By :Mahesh Dadoda 02/24/2025

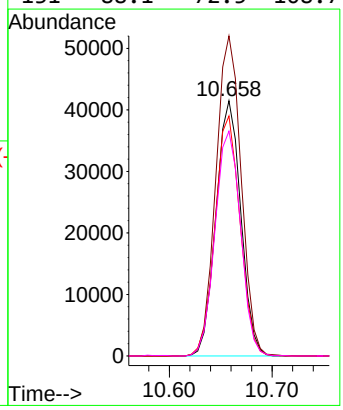


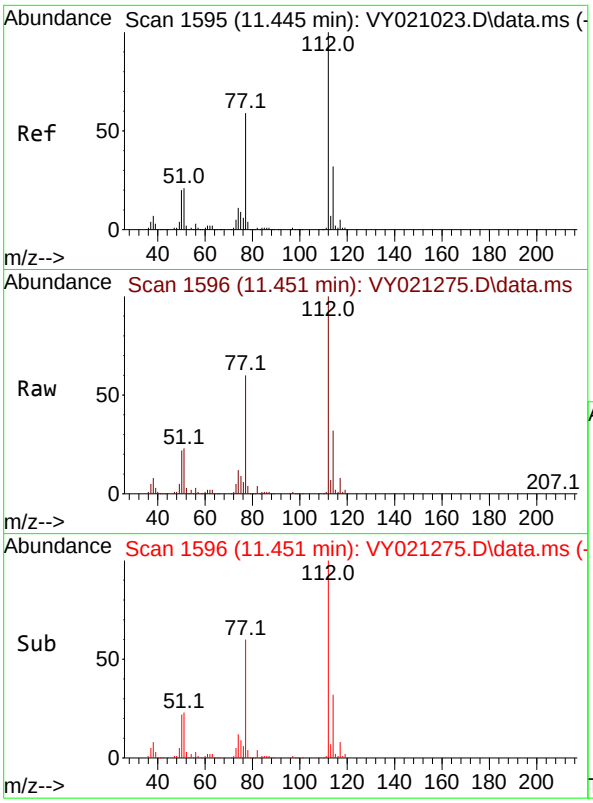


#64
Tetrachloroethene
Concen: 49.474 ug/l
RT: 10.658 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:164 Resp: 69573

Ion	Ratio	Lower	Upper
164	100		
166	125.4	98.8	148.2
129	94.0	78.9	118.3
131	88.1	72.5	108.7

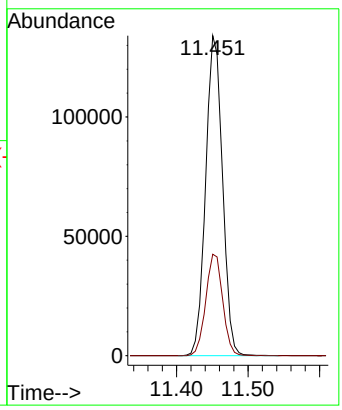




#65
Chlorobenzene
Concen: 51.935 ug/l
RT: 11.451 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:112 Resp: 21906

Ion	Ratio	Lower	Upper
112	100		
114	31.7	26.1	39.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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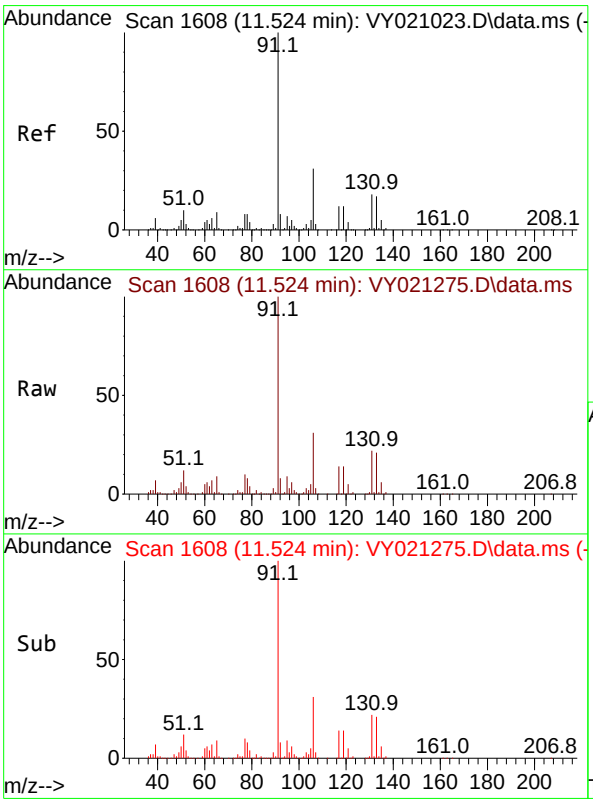
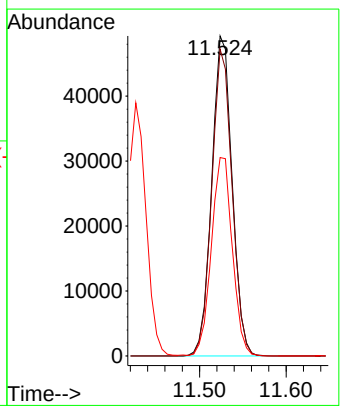
Supervised By :Mahesh Dadoda 02/24/2025

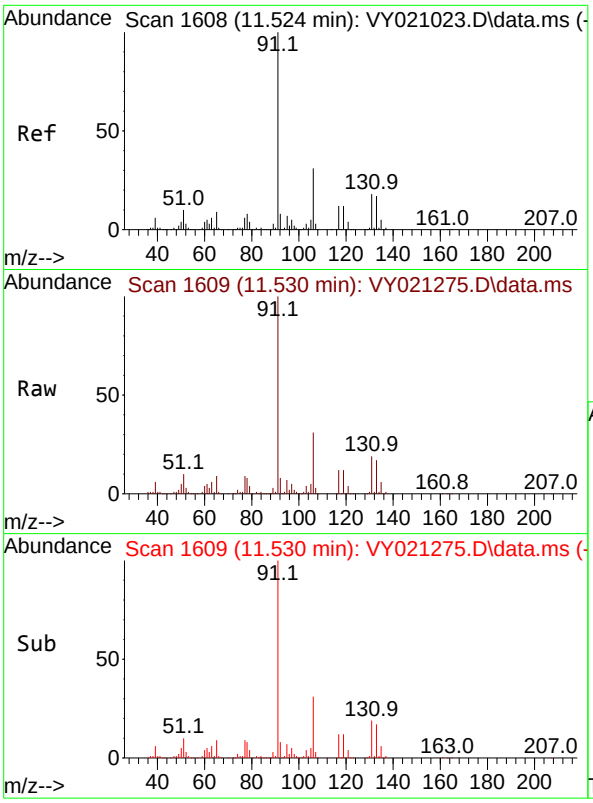


#66
1,1,1,2-Tetrachloroethane
Concen: 53.694 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:131 Resp: 80486

Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.0	141.0
119	64.0	33.3	99.9

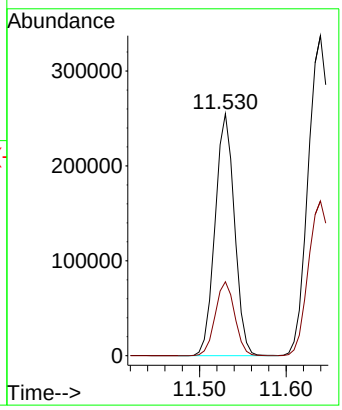




#67
Ethyl Benzene
Concen: 53.106 ug/l
RT: 11.530 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 91 Resp: 39620

Ion	Ratio	Lower	Upper
91	100		
106	30.5	25.0	37.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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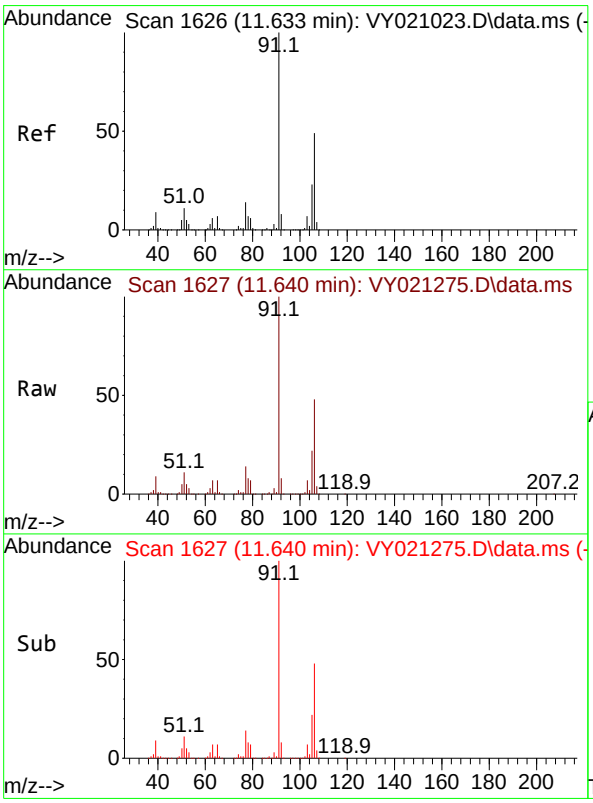
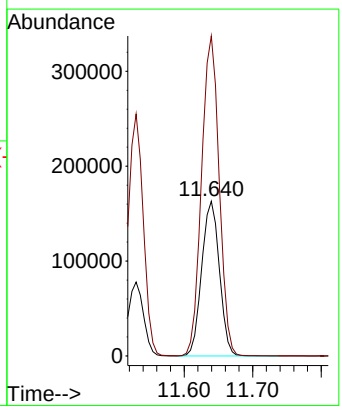
Reviewed By :Romaben Patel 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

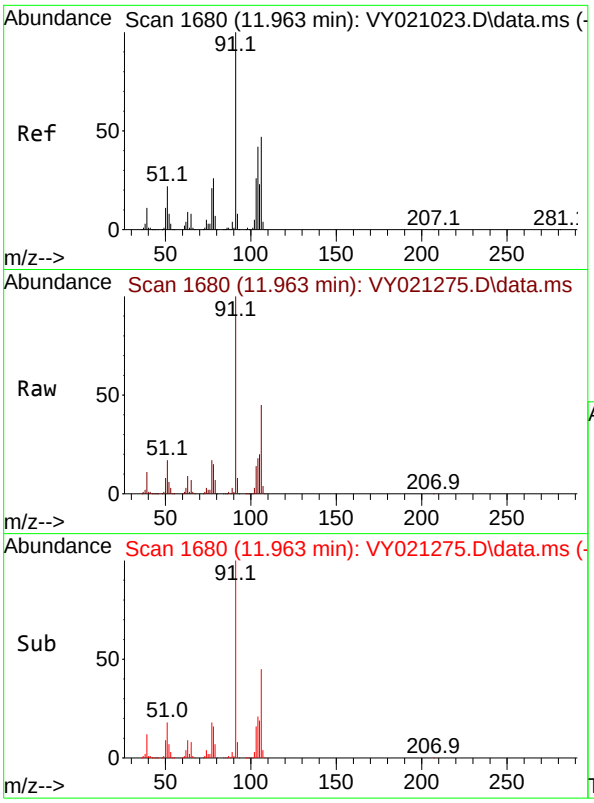


#68
m/p-Xylenes
Concen: 105.084 ug/l
RT: 11.640 min Scan# 1627
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:106 Resp: 293291

Ion	Ratio	Lower	Upper
106	100		
91	206.3	160.7	241.1

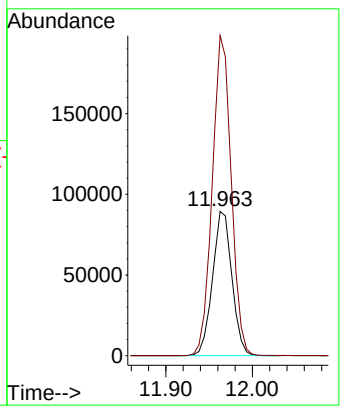




#69
o-Xylene
Concen: 53.345 ug/l
RT: 11.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:106 Resp: 13881

Ion	Ratio	Lower	Upper
106	100		
91	217.0	106.5	319.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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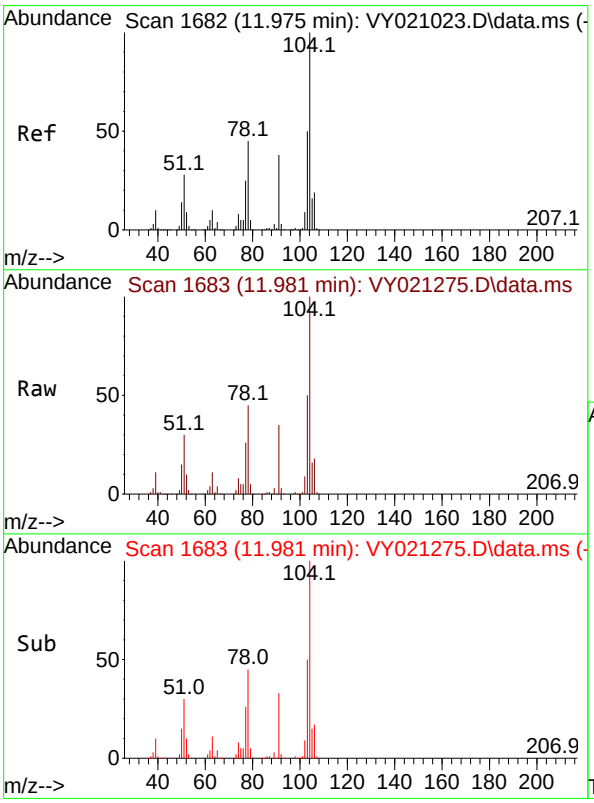
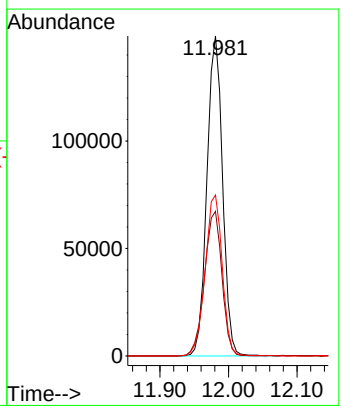
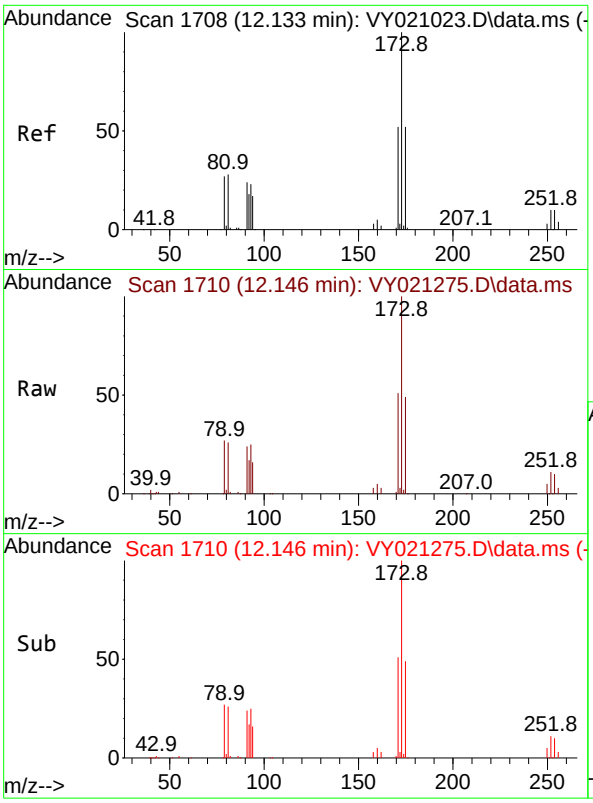


#70
Styrene
Concen: 54.506 ug/l
RT: 11.981 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:104 Resp: 236391

Ion	Ratio	Lower	Upper
104	100		
78	50.6	39.2	58.8
103	54.9	43.8	65.6

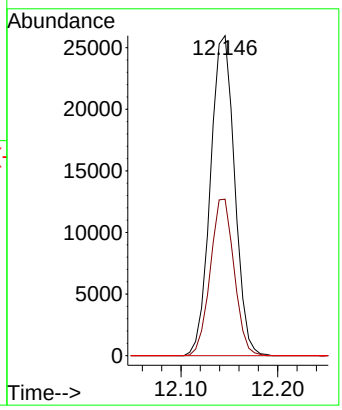




#71
Bromoform
Concen: 54.009 ug/l
RT: 12.146 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:173 Resp: 4506

Ion	Ratio	Lower	Upper
173	100		
175	48.2	23.5	70.6
254	0.0	0.0	0.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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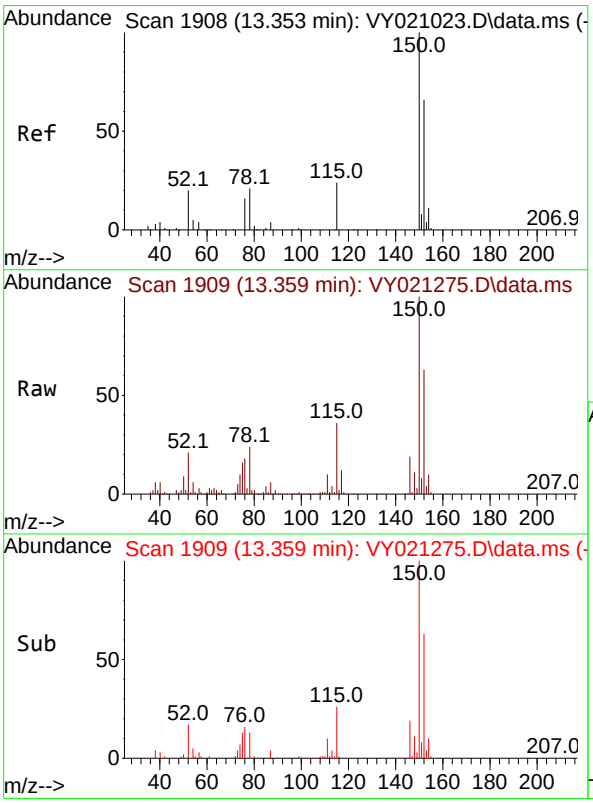
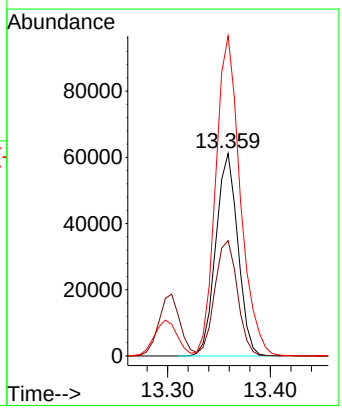
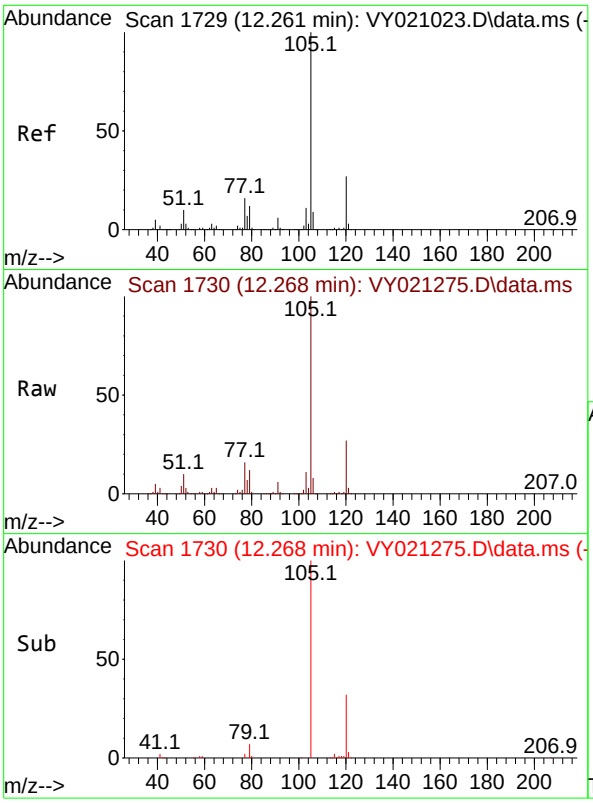


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:152 Resp: 91135

Ion	Ratio	Lower	Upper
152	100		
115	58.6	30.0	90.0
150	176.1	0.0	344.6





#73
Isopropylbenzene
Concen: 53.138 ug/l
RT: 12.268 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:105 Resp: 37828

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.0	39.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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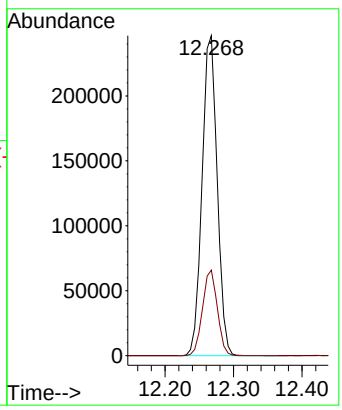
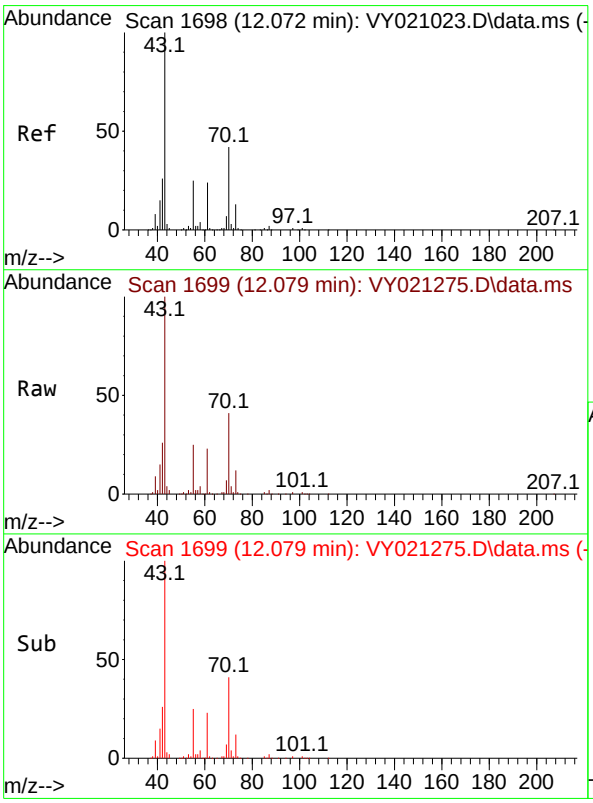
Reviewed By :Romaben Patel 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

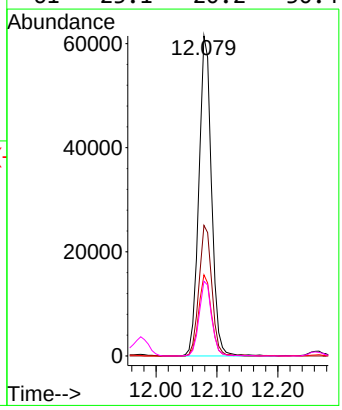


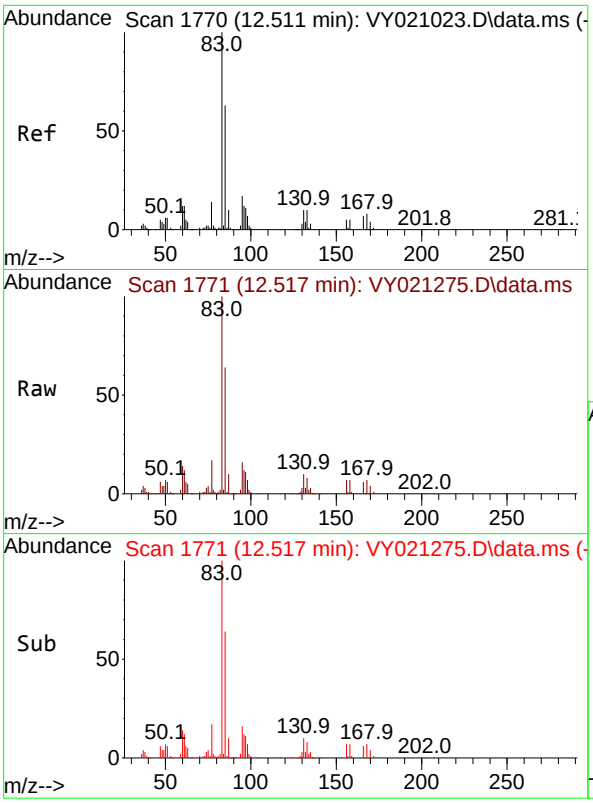


#74
N-amyl acetate
Concen: 56.918 ug/l
RT: 12.079 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 43 Resp: 88587

Ion	Ratio	Lower	Upper
43	100		
70	41.2	36.6	55.0
55	25.2	22.2	33.4
61	23.1	20.2	30.4

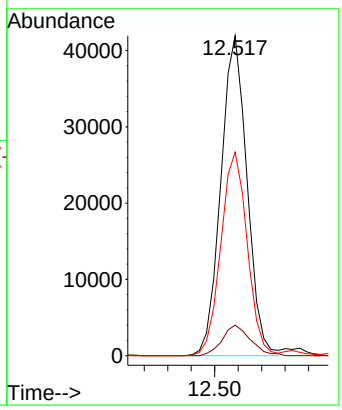




#75
1,1,2,2-Tetrachloroethane
Concen: 54.792 ug/l
RT: 12.517 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 83 Resp: 6487

Ion	Ratio	Lower	Upper
83	100		
131	10.3	4.9	14.6
85	64.2	32.6	98.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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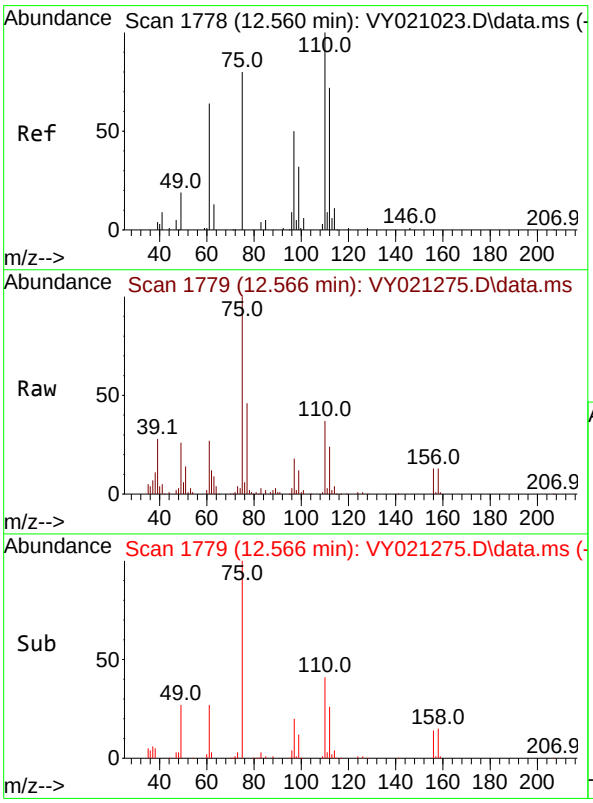
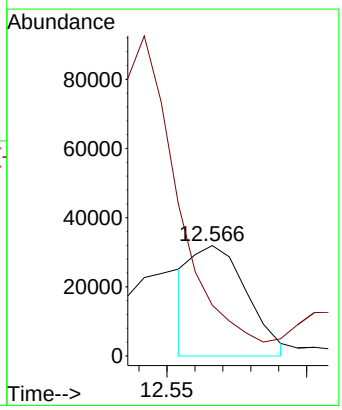
Reviewed By :Romaben Patel 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

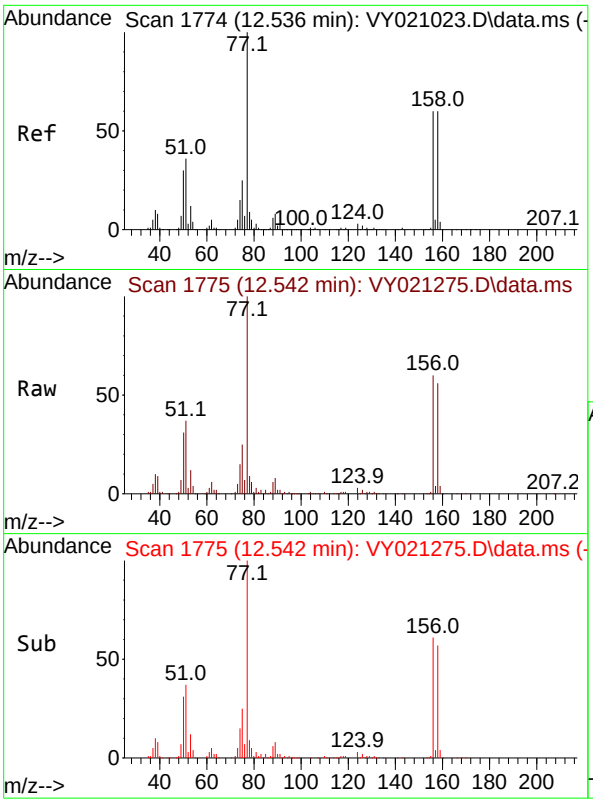


#76
1,2,3-Trichloropropane
Concen: 53.679 ug/l m
RT: 12.566 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 75 Resp: 44377

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

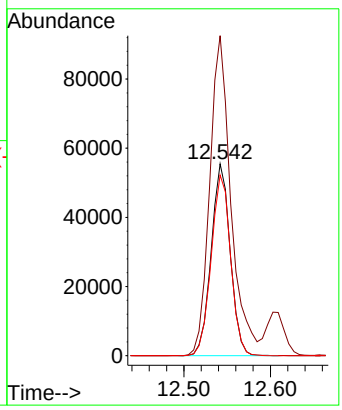




#77
Bromobenzene
Concen: 51.497 ug/l
RT: 12.542 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:156 Resp: 8460

Ion	Ratio	Lower	Upper
156	100		
77	185.6	97.3	291.8
158	96.2	48.4	145.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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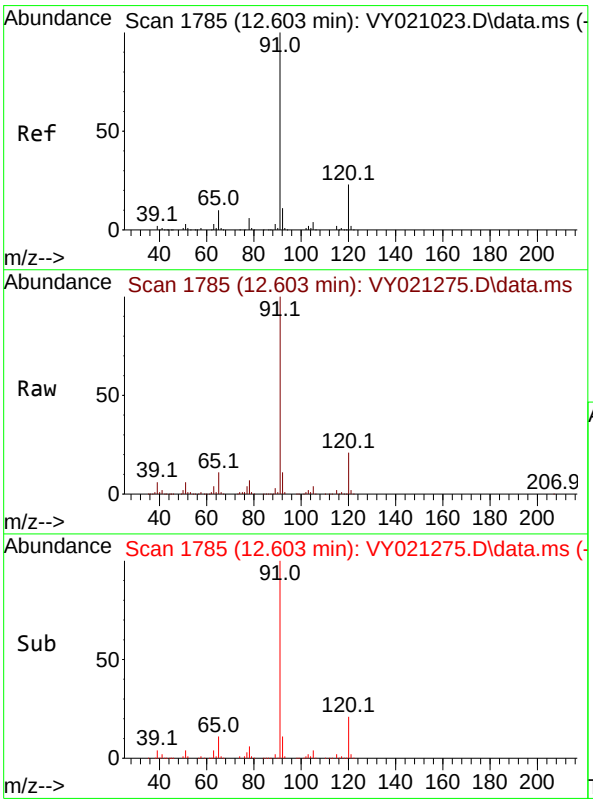
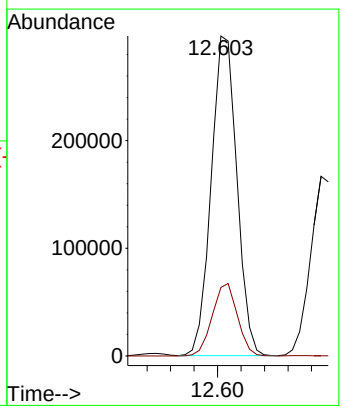
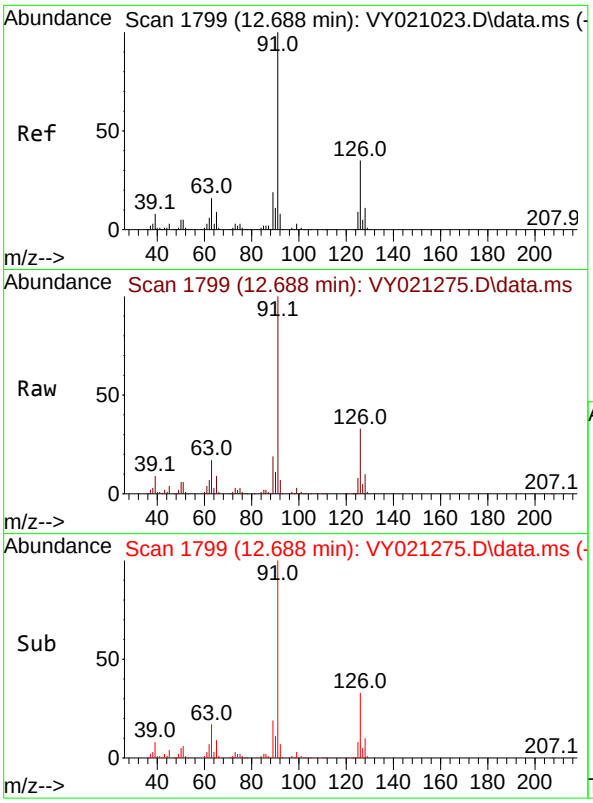


#78
n-propylbenzene
Concen: 53.097 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 91 Resp: 450276

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.0	33.0

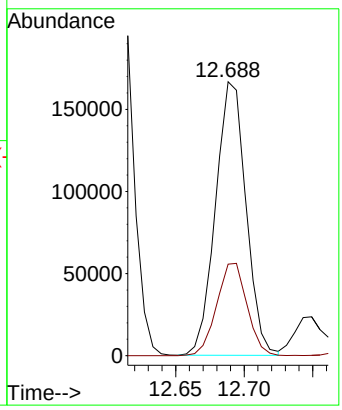




#79
2-Chlorotoluene
Concen: 53.148 ug/l
RT: 12.688 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 91 Resp: 25814

Ion	Ratio	Lower	Upper
91	100		
126	33.6	17.0	51.0



Instrument :
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ClientSampleId :
VSTDCCC050

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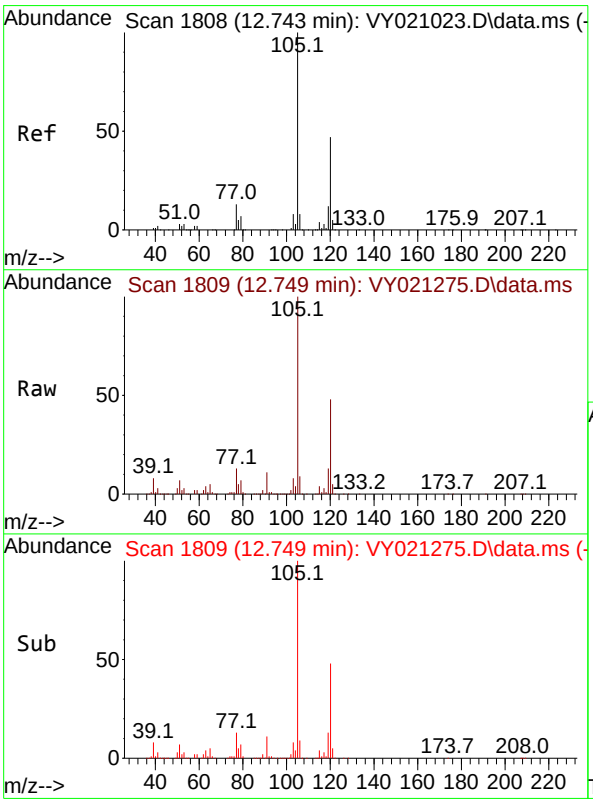
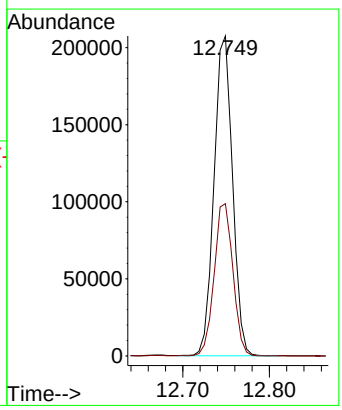
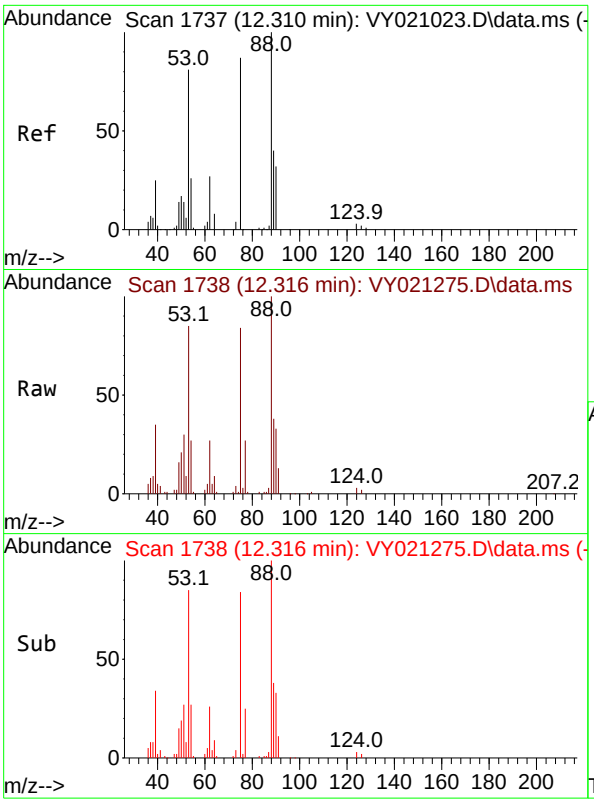


#80
1,3,5-Trimethylbenzene
Concen: 53.225 ug/l
RT: 12.749 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:105 Resp: 307207

Ion	Ratio	Lower	Upper
105	100		
120	48.4	24.3	72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 51.805 ug/l
RT: 12.316 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 75 Resp: 2098

Ion	Ratio	Lower	Upper
75	100		
53	100.8	74.0	111.0
89	47.2	36.5	54.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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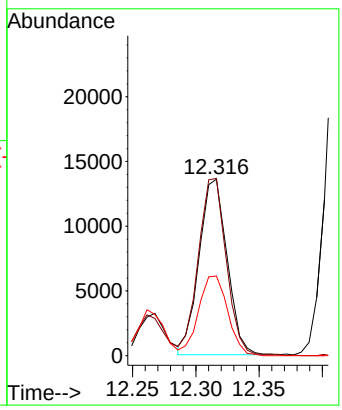
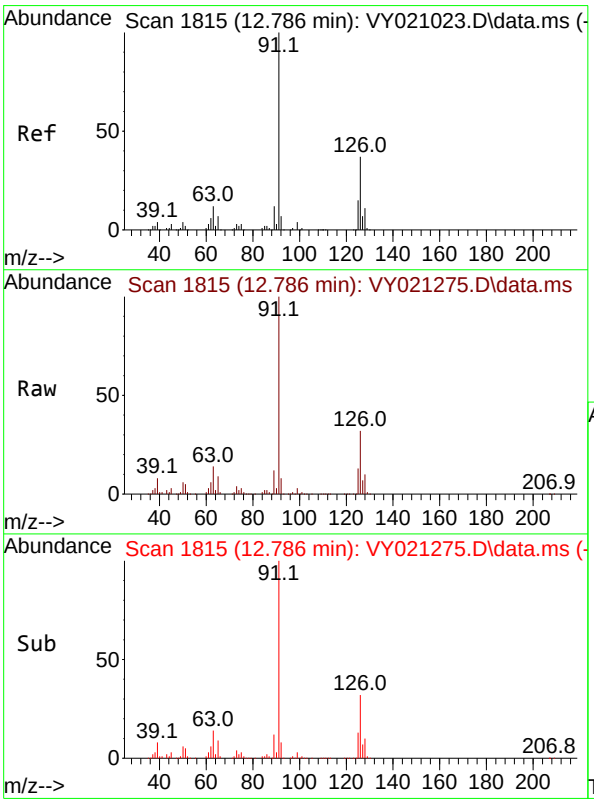
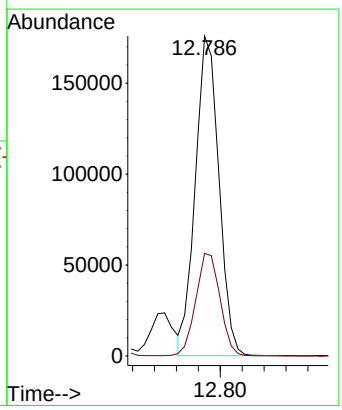


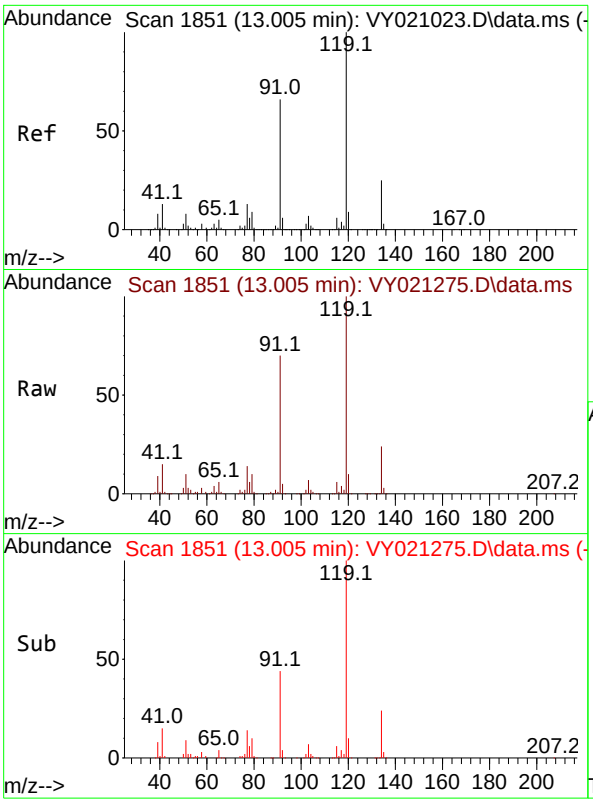


#82
4-Chlorotoluene
Concen: 53.017 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 91 Resp: 262361

Ion	Ratio	Lower	Upper
91	100		
126	33.1	17.1	51.2

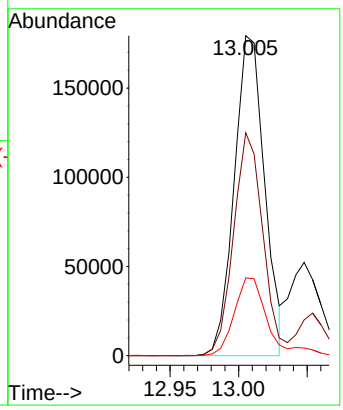




#83
tert-Butylbenzene
Concen: 52.716 ug/l
RT: 13.005 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:119 Resp: 27656

Ion	Ratio	Lower	Upper
119	100		
91	67.5	31.5	94.5
134	26.8	13.1	39.3



Instrument :
MSVOA_Y
ClientSampleId :
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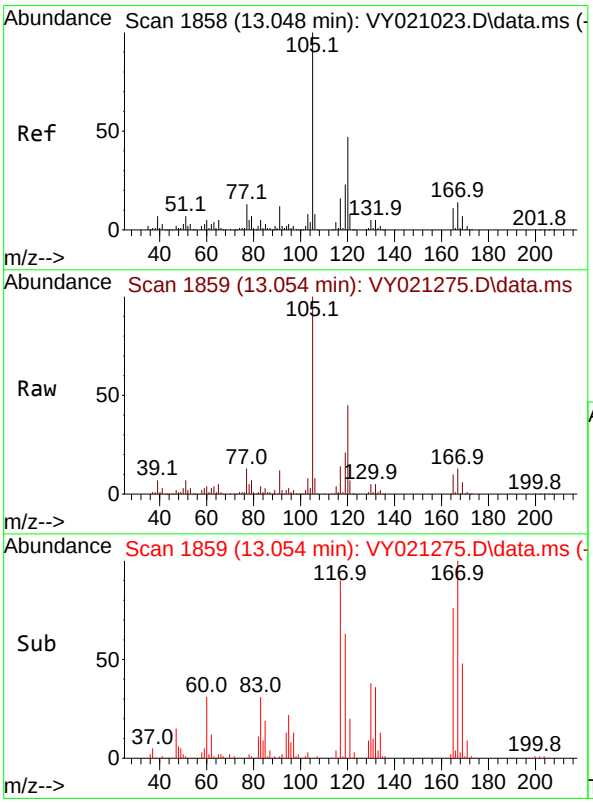
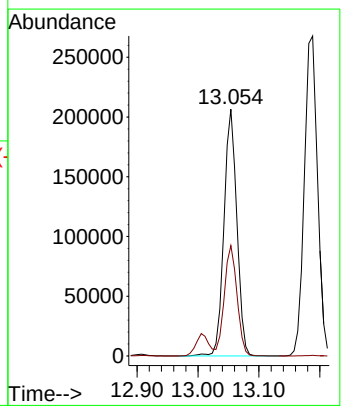
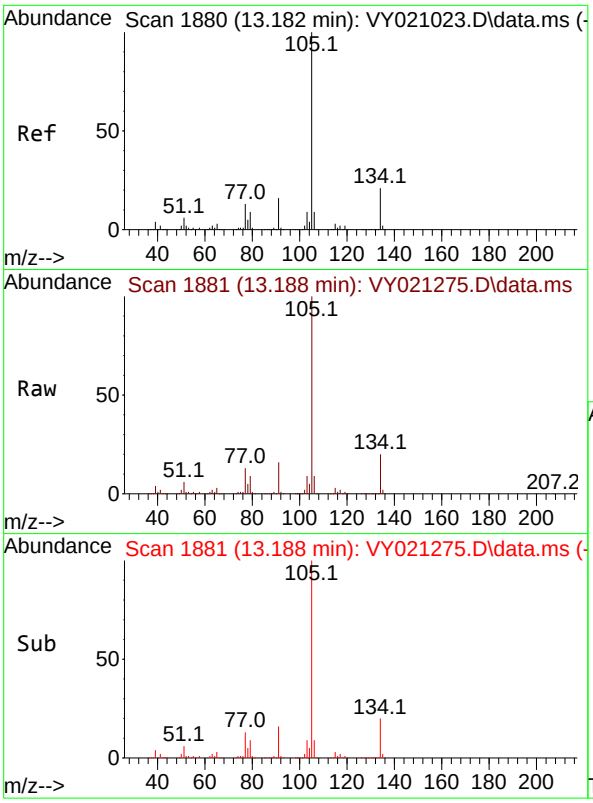


#84
1,2,4-Trimethylbenzene
Concen: 53.838 ug/l
RT: 13.054 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:105 Resp: 303836

Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.1	66.3

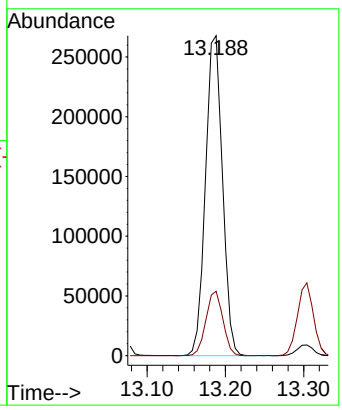




#85
sec-Butylbenzene
Concen: 53.349 ug/l
RT: 13.188 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:105 Resp: 40288

Ion	Ratio	Lower	Upper
105	100		
134	20.1	9.7	28.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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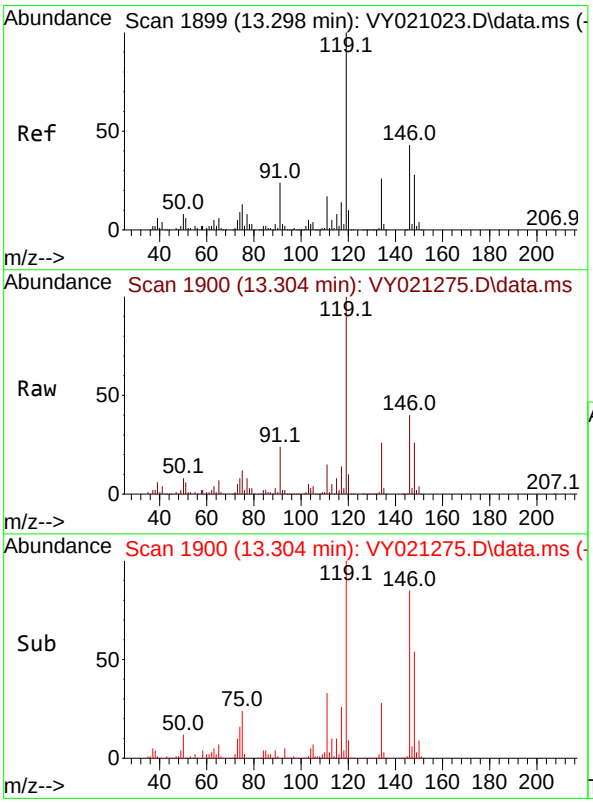
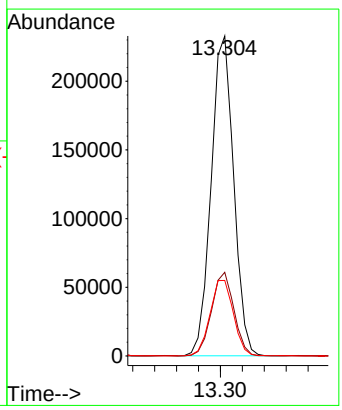
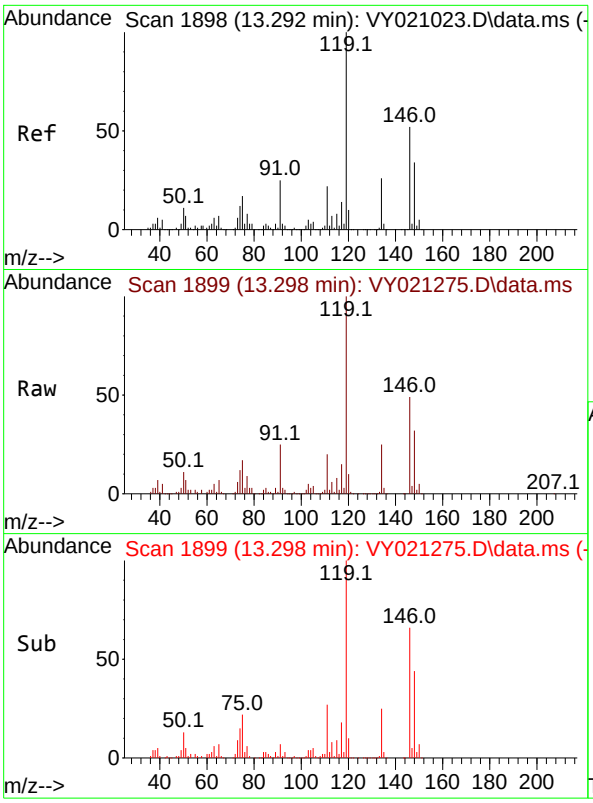


#86
p-Isopropyltoluene
Concen: 53.046 ug/l
RT: 13.304 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:119 Resp: 332768

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.1
91	24.5	11.7	35.0

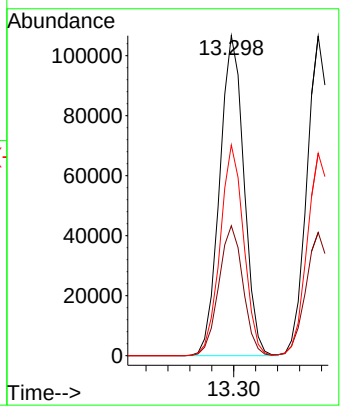




#87
1,3-Dichlorobenzene
Concen: 51.747 ug/l
RT: 13.298 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:146 Resp: 16414

Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.2	60.5
148	63.9	31.9	95.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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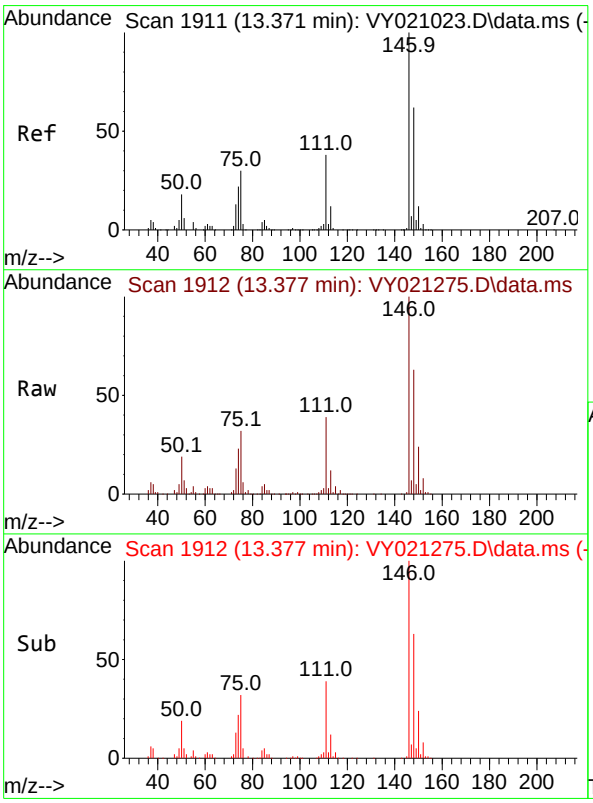
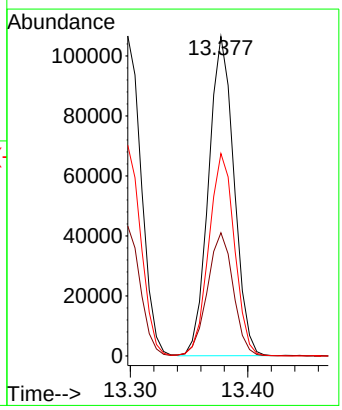
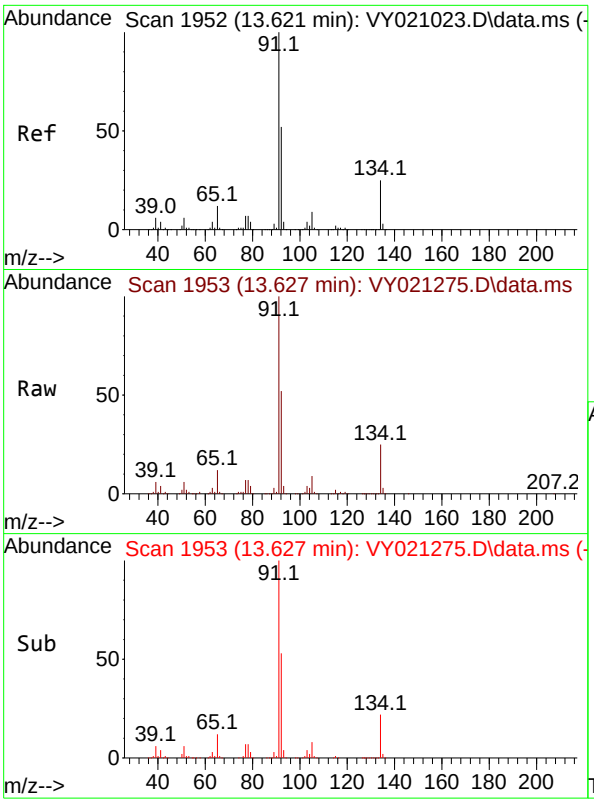


#88
1,4-Dichlorobenzene
Concen: 51.275 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:146 Resp: 160145

Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.3	57.9
148	64.0	31.6	94.7

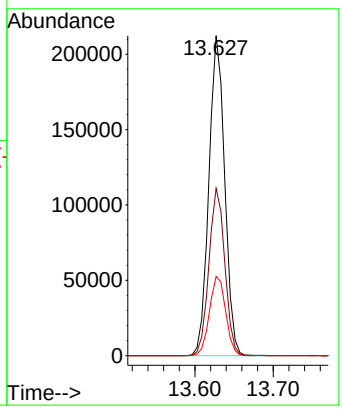




#89
n-Butylbenzene
Concen: 51.951 ug/l
RT: 13.627 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 91 Resp: 29731

Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.4	79.2
134	25.4	12.3	36.8



Instrument :
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ClientSampleId :
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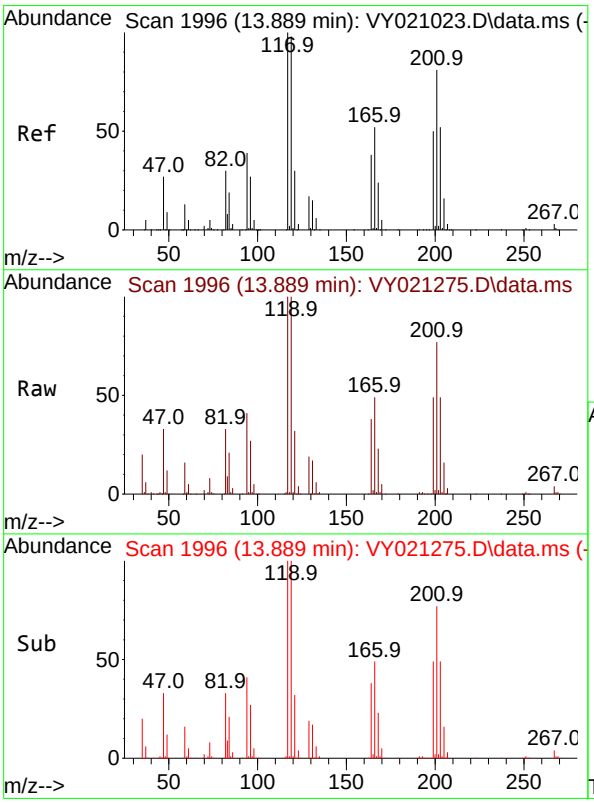
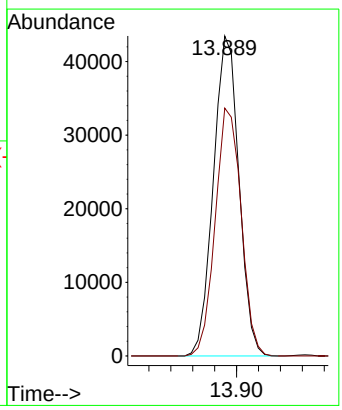
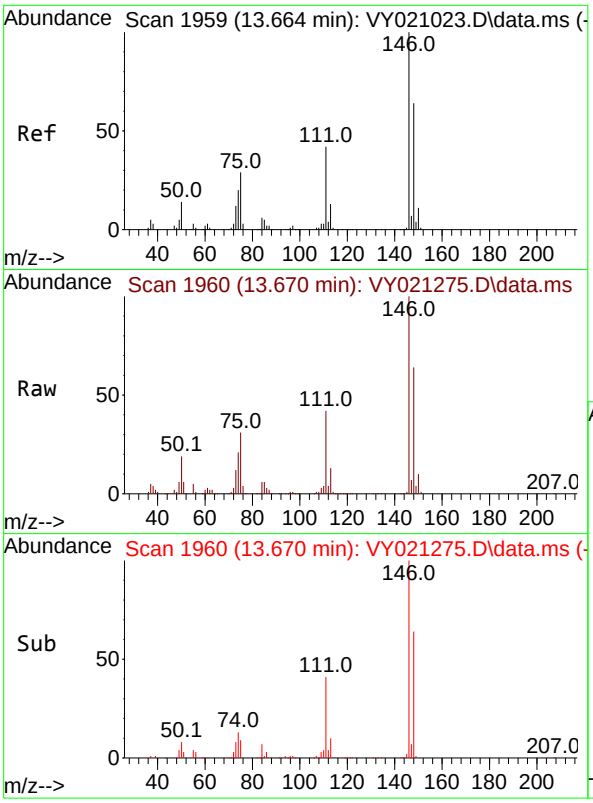


#90
Hexachloroethane
Concen: 53.783 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:117 Resp: 70386

Ion	Ratio	Lower	Upper
117	100		
201	78.6	33.4	100.1

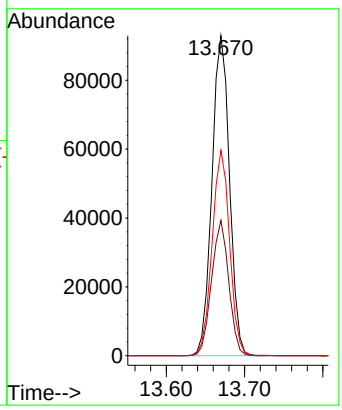




#91
1,2-Dichlorobenzene
Concen: 52.591 ug/l
RT: 13.670 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:146 Resp: 14479

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.5	61.6
148	63.8	31.4	94.3



Instrument :
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ClientSampleId :
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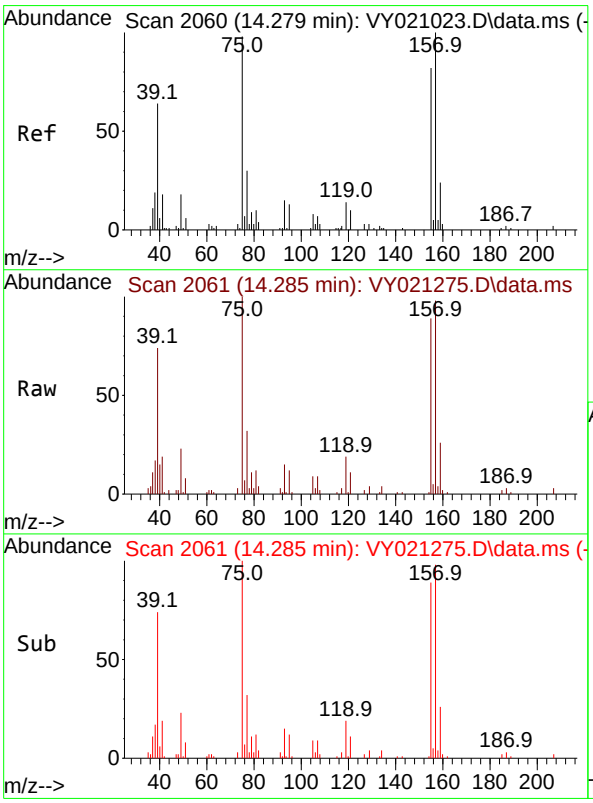
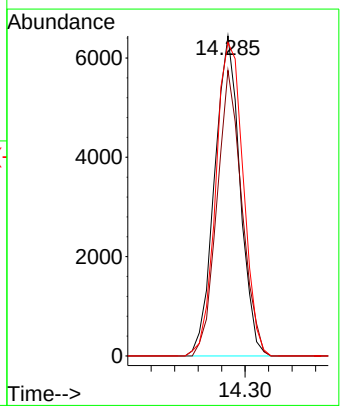
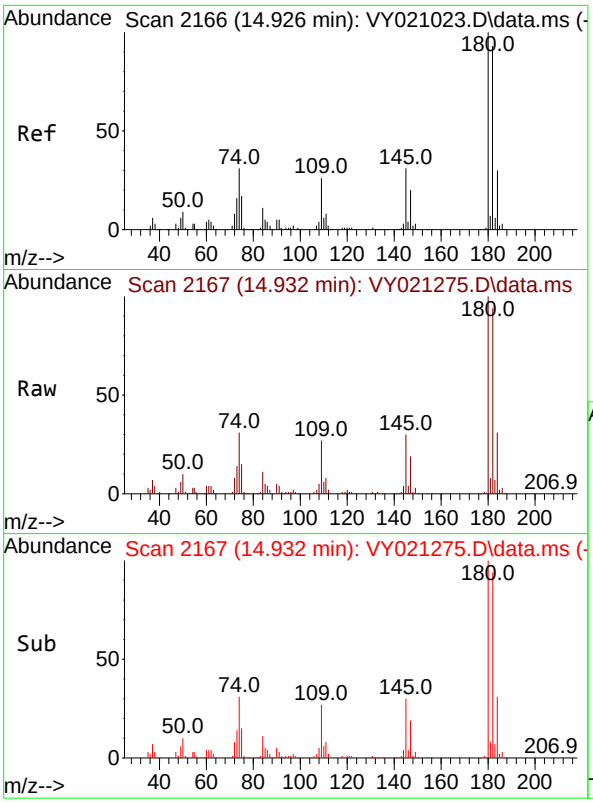


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.910 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 75 Resp: 9715

Ion	Ratio	Lower	Upper
75	100		
155	86.7	42.1	126.3
157	105.4	55.8	167.4

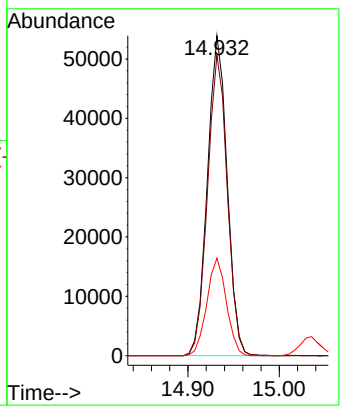




#93
1,2,4-Trichlorobenzene
Concen: 52.803 ug/l
RT: 14.932 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:180 Resp: 8092

Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.9	143.7
145	30.1	15.9	47.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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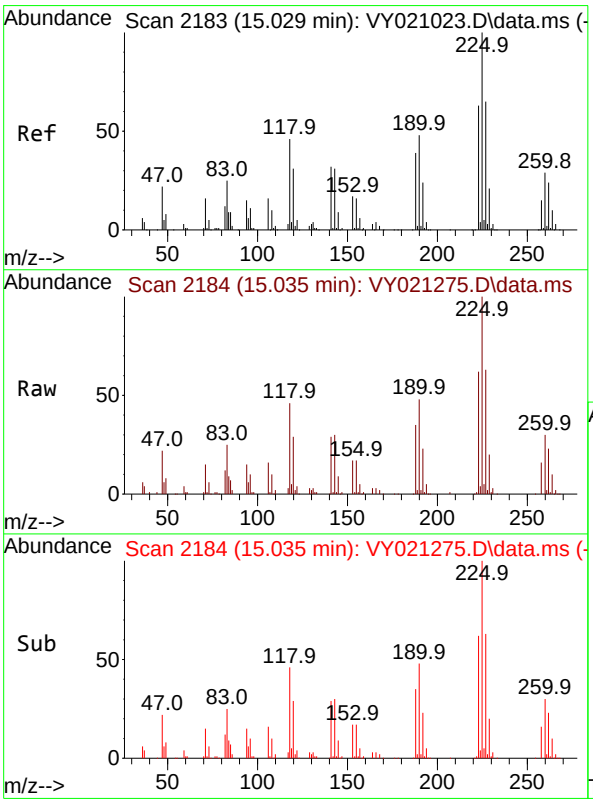
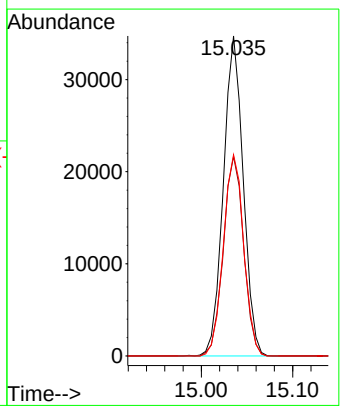
Reviewed By :Romaben Patel 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

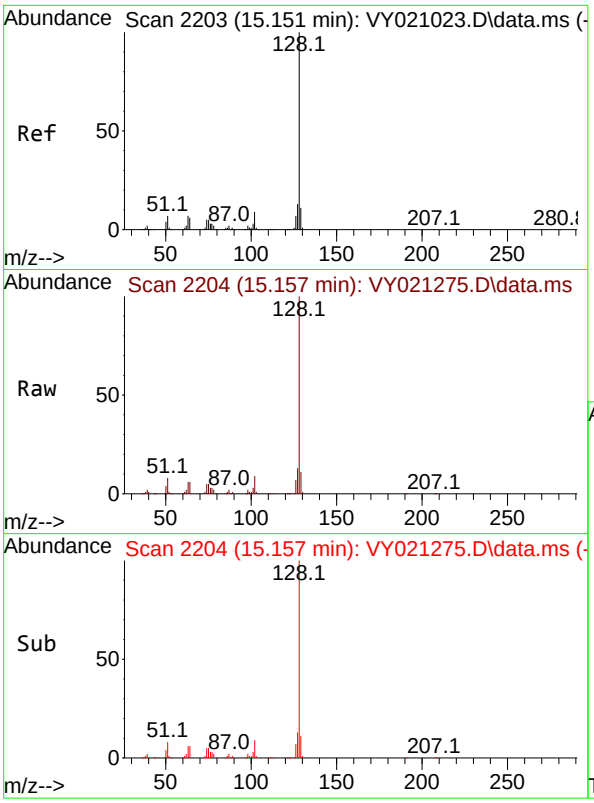


#94
Hexachlorobutadiene
Concen: 51.589 ug/l
RT: 15.035 min Scan# 2184
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:225 Resp: 52391

Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.4	94.3
227	64.5	32.3	96.8

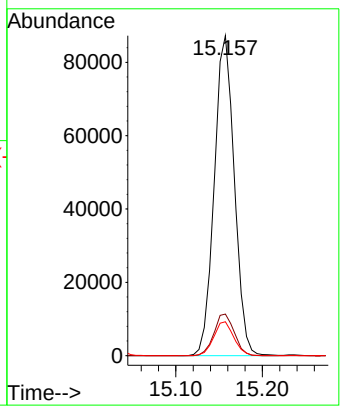




#95
Naphthalene
Concen: 57.318 ug/l
RT: 15.157 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:128 Resp: 14053

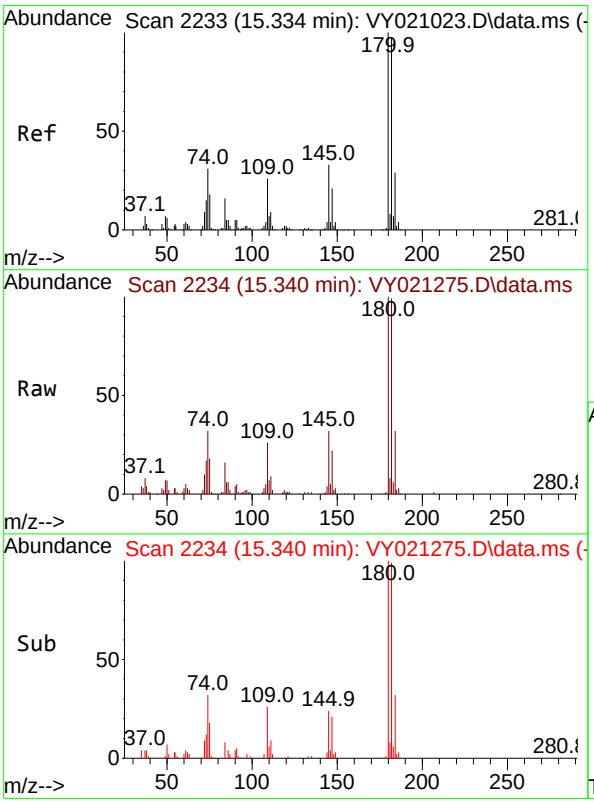
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	10.7	8.6	12.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

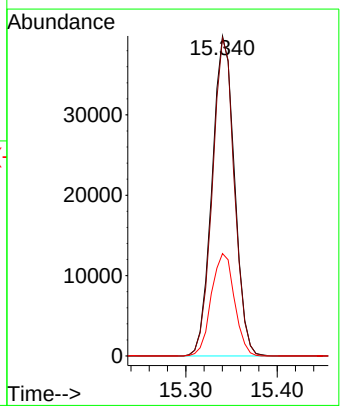
Reviewed By :Romaben Patel 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#96
1,2,3-Trichlorobenzene
Concen: 53.269 ug/l
RT: 15.340 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:180 Resp: 67936

Ion	Ratio	Lower	Upper
180	100		
182	96.9	46.3	138.8
145	32.9	16.1	48.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021275.D
Acq On : 21 Feb 2025 09:37
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 21 23:01:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	73	0.01
2	T	Dichlorodifluoromethane	0.446	0.394	11.7	64	0.00
3	P	Chloromethane	0.440	0.513	-16.6	89	0.00
4	C	Vinyl Chloride	0.443	0.497	-12.2#	85	0.00
5	T	Bromomethane	0.274	0.284	-3.6	80	0.00
6	T	Chloroethane	0.263	0.325	-23.6	93	0.01
7	T	Trichlorofluoromethane	0.806	0.800	0.7	74	0.00
8	T	Diethyl Ether	0.252	0.279	-10.7	84	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.506	0.486	4.0	72	0.01
10	T	Methyl Iodide	0.562	0.570	-1.4	71	0.00
11	T	Tert butyl alcohol	0.035	0.033	5.7	75	0.04
12	CM	1,1-Dichloroethene	0.477	0.488	-2.3#	76	0.00
13	T	Acrolein	0.053	0.034	35.8#	47#	0.00
14	T	Allyl chloride	0.803	0.911	-13.4	83	0.00
15	T	Acrylonitrile	0.105	0.125	-19.0	86	0.02
16	T	Acetone	0.080	0.093	-16.2	88	0.02
17	T	Carbon Disulfide	1.495	1.402	6.2	69	0.00
18	T	Methyl Acetate	0.280	0.384	-37.1#	97	0.01
19	T	Methyl tert-butyl Ether	1.205	1.376	-14.2	82	0.02
20	T	Methylene Chloride	0.497	0.583	-17.3	88	0.01
21	T	trans-1,2-Dichloroethene	0.525	0.565	-7.6	79	0.02
22	T	Diisopropyl ether	1.656	2.016	-21.7	88	0.01
23	T	Vinyl Acetate	0.923	1.092	-18.3	84	0.01
24	P	1,1-Dichloroethane	0.970	1.108	-14.2	85	0.01
25	T	2-Butanone	0.131	0.156	-19.1	84	0.01
26	T	2,2-Dichloropropane	0.898	0.924	-2.9	77	0.01
27	T	cis-1,2-Dichloroethene	0.604	0.669	-10.8	81	0.01
28	T	Bromochloromethane	0.384	0.497	-29.4#	88	0.01
29	T	Tetrahydrofuran	0.089	0.105	-18.0	83	0.02
30	C	Chloroform	0.997	1.135	-13.8#	84	0.01
31	T	Cyclohexane	0.874	0.808	7.6	71	0.01
32	T	1,1,1-Trichloroethane	0.927	1.030	-11.1	82	0.00
33	S	1,2-Dichloroethane-d4	0.512	0.546	-6.6	79	0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	77	0.00
35	S	Dibromofluoromethane	0.320	0.330	-3.1	81	0.00
36	T	1,1-Dichloropropene	0.475	0.480	-1.1	79	0.00
37	T	Ethyl Acetate	0.208	0.230	-10.6	84	0.01
38	T	Carbon Tetrachloride	0.555	0.554	0.2	78	0.01
39	T	Methylcyclohexane	0.581	0.528	9.1	69	0.00
40	TM	Benzene	1.393	1.481	-6.3	82	0.00
41	T	Methacrylonitrile	0.120	0.142	-18.3	98	0.01
42	TM	1,2-Dichloroethane	0.386	0.419	-8.5	85	0.00
43	T	Isopropyl Acetate	0.414	0.465	-12.3	84	0.01
44	TM	Trichloroethene	0.360	0.362	-0.6	79	0.00
45	C	1,2-Dichloropropane	0.331	0.365	-10.3#	86	0.00
46	T	Dibromomethane	0.183	0.194	-6.0	82	0.00
47	T	Bromodichloromethane	0.491	0.538	-9.6	85	0.00
48	T	Methyl methacrylate	0.188	0.217	-15.4	87	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021275.D
Acq On : 21 Feb 2025 09:37
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 21 23:01:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	80	0.03
50	S	Toluene-d8	1.220	1.198	1.8	76	0.00
51	T	4-Methyl-2-Pentanone	0.208	0.246	-18.3	87	0.00
52	CM	Toluene	0.875	0.934	-6.7#	82	0.00
53	T	t-1,3-Dichloropropene	0.441	0.475	-7.7	81	0.00
54	T	cis-1,3-Dichloropropene	0.522	0.555	-6.3	81	0.00
55	T	1,1,2-Trichloroethane	0.237	0.256	-8.0	83	0.00
56	T	Ethyl methacrylate	0.317	0.358	-12.9	81	0.00
57	T	1,3-Dichloropropane	0.410	0.456	-11.2	85	0.00
58	T	2-Chloroethyl Vinyl ether	0.151	0.182	-20.5	89	0.00
59	T	2-Hexanone	0.134	0.158	-17.9	84	0.00
60	T	Dibromochloromethane	0.333	0.357	-7.2	83	0.00
61	T	1,2-Dibromoethane	0.222	0.238	-7.2	81	0.00
62	S	4-Bromofluorobenzene	0.399	0.404	-1.3	77	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	76	0.00
64	T	Tetrachloroethene	0.371	0.367	1.1	77	0.00
65	PM	Chlorobenzene	1.113	1.156	-3.9	81	0.00
66	T	1,1,1,2-Tetrachloroethane	0.396	0.425	-7.3	84	0.00
67	C	Ethyl Benzene	1.969	2.092	-6.2#	82	0.00
68	T	m/p-Xylenes	0.737	0.774	-5.0	80	0.00
69	T	o-Xylene	0.687	0.733	-6.7	82	0.00
70	T	Styrene	1.145	1.248	-9.0	82	0.00
71	P	Bromoform	0.220	0.238	-8.2	83	0.01
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	75	0.00
73	T	Isopropylbenzene	3.906	4.151	-6.3	82	0.00
74	T	N-amyl acetate	0.854	0.972	-13.8	83	0.00
75	P	1,1,2,2-Tetrachloroethane	0.650	0.712	-9.5	85	0.00
76	T	1,2,3-Trichloropropane	0.454	0.487	-7.3	79	0.00
77	T	Bromobenzene	0.901	0.928	-3.0	81	0.00
78	T	n-propylbenzene	4.653	4.941	-6.2	81	0.00
79	T	2-Chlorotoluene	2.665	2.833	-6.3	82	0.00
80	T	1,3,5-Trimethylbenzene	3.167	3.371	-6.4	82	0.00
81	T	trans-1,4-Dichloro-2-butene	0.222	0.230	-3.6	78	0.00
82	T	4-Chlorotoluene	2.715	2.879	-6.0	83	0.00
83	T	tert-Butylbenzene	2.878	3.035	-5.5	80	0.00
84	T	1,2,4-Trimethylbenzene	3.096	3.334	-7.7	82	0.00
85	T	sec-Butylbenzene	4.143	4.421	-6.7	82	0.00
86	T	p-Isopropyltoluene	3.442	3.651	-6.1	80	0.00
87	T	1,3-Dichlorobenzene	1.740	1.801	-3.5	81	0.00
88	T	1,4-Dichlorobenzene	1.714	1.757	-2.5	79	0.00
89	T	n-Butylbenzene	3.140	3.262	-3.9	78	0.00
90	T	Hexachloroethane	0.718	0.772	-7.5	84	0.00
91	T	1,2-Dichlorobenzene	1.510	1.589	-5.2	82	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.097	0.107	-10.3	83	0.00
93	T	1,2,4-Trichlorobenzene	0.841	0.888	-5.6	76	0.00
94	T	Hexachlorobutadiene	0.557	0.575	-3.2	78	0.00
95	T	Naphthalene	1.345	1.542	-14.6	78	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021275.D
Acq On : 21 Feb 2025 09:37
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 21 23:01:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.700	0.745	-6.4	77	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021275.D
Acq On : 21 Feb 2025 09:37
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 21 23:01:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	73	0.01
2	T	Dichlorodifluoromethane	50.000	44.220	11.6	64	0.00
3	P	Chloromethane	50.000	58.350	-16.7	89	0.00
4	C	Vinyl Chloride	50.000	56.145	-12.3#	85	0.00
5	T	Bromomethane	50.000	51.988	-4.0	80	0.00
6	T	Chloroethane	50.000	61.692	-23.4	93	0.01
7	T	Trichlorofluoromethane	50.000	49.611	0.8	74	0.00
8	T	Diethyl Ether	50.000	55.354	-10.7	84	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.007	4.0	72	0.01
10	T	Methyl Iodide	50.000	50.662	-1.3	71	0.00
11	T	Tert butyl alcohol	250.000	237.701	4.9	75	0.04
12	CM	1,1-Dichloroethene	50.000	51.212	-2.4#	76	0.00
13	T	Acrolein	250.000	157.114	37.2#	47	0.00
14	T	Allyl chloride	50.000	56.720	-13.4	83	0.00
15	T	Acrylonitrile	250.000	299.082	-19.6	86	0.02
16	T	Acetone	250.000	292.469	-17.0	88	0.02
17	T	Carbon Disulfide	50.000	46.891	6.2	69	0.00
18	T	Methyl Acetate	50.000	68.522	-37.0#	97	0.01
19	T	Methyl tert-butyl Ether	50.000	57.088	-14.2	82	0.02
20	T	Methylene Chloride	50.000	58.723	-17.4	88	0.01
21	T	trans-1,2-Dichloroethene	50.000	53.821	-7.6	79	0.02
22	T	Diisopropyl ether	50.000	60.874	-21.7	88	0.01
23	T	Vinyl Acetate	250.000	295.758	-18.3	84	0.01
24	P	1,1-Dichloroethane	50.000	57.076	-14.2	85	0.01
25	T	2-Butanone	250.000	297.023	-18.8	84	0.01
26	T	2,2-Dichloropropane	50.000	51.467	-2.9	77	0.01
27	T	cis-1,2-Dichloroethene	50.000	55.391	-10.8	81	0.01
28	T	Bromochloromethane	50.000	64.798	-29.6#	88	0.01
29	T	Tetrahydrofuran	250.000	294.152	-17.7	83	0.02
30	C	Chloroform	50.000	56.956	-13.9#	84	0.01
31	T	Cyclohexane	50.000	46.238	7.5	71	0.01
32	T	1,1,1-Trichloroethane	50.000	55.572	-11.1	82	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.279	-6.6	79	0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.00
35	S	Dibromofluoromethane	50.000	51.569	-3.1	81	0.00
36	T	1,1-Dichloropropene	50.000	50.550	-1.1	79	0.00
37	T	Ethyl Acetate	50.000	55.122	-10.2	84	0.01
38	T	Carbon Tetrachloride	50.000	49.912	0.2	78	0.01
39	T	Methylcyclohexane	50.000	45.490	9.0	69	0.00
40	TM	Benzene	50.000	53.166	-6.3	82	0.00
41	T	Methacrylonitrile	50.000	58.909	-17.8	98	0.01
42	TM	1,2-Dichloroethane	50.000	54.268	-8.5	85	0.00
43	T	Isopropyl Acetate	50.000	56.240	-12.5	84	0.01
44	TM	Trichloroethene	50.000	50.313	-0.6	79	0.00
45	C	1,2-Dichloropropane	50.000	55.222	-10.4#	86	0.00
46	T	Dibromomethane	50.000	52.936	-5.9	82	0.00
47	T	Bromodichloromethane	50.000	54.838	-9.7	85	0.00
48	T	Methyl methacrylate	50.000	57.687	-15.4	87	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021275.D
Acq On : 21 Feb 2025 09:37
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 21 23:01:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1081.002	-8.1	80	0.03
50	S	Toluene-d8	50.000	49.121	1.8	76	0.00
51	T	4-Methyl-2-Pentanone	250.000	296.038	-18.4	87	0.00
52	CM	Toluene	50.000	53.414	-6.8#	82	0.00
53	T	t-1,3-Dichloropropene	50.000	53.911	-7.8	81	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.134	-6.3	81	0.00
55	T	1,1,2-Trichloroethane	50.000	54.028	-8.1	83	0.00
56	T	Ethyl methacrylate	50.000	56.492	-13.0	81	0.00
57	T	1,3-Dichloropropane	50.000	55.577	-11.2	85	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	301.108	-20.4	89	0.00
59	T	2-Hexanone	250.000	295.239	-18.1	84	0.00
60	T	Dibromochloromethane	50.000	53.569	-7.1	83	0.00
61	T	1,2-Dibromoethane	50.000	53.496	-7.0	81	0.00
62	S	4-Bromofluorobenzene	50.000	50.693	-1.4	77	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	76	0.00
64	T	Tetrachloroethene	50.000	49.474	1.1	77	0.00
65	PM	Chlorobenzene	50.000	51.935	-3.9	81	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.694	-7.4	84	0.00
67	C	Ethyl Benzene	50.000	53.106	-6.2#	82	0.00
68	T	m/p-Xylenes	100.000	105.084	-5.1	80	0.00
69	T	o-Xylene	50.000	53.345	-6.7	82	0.00
70	T	Styrene	50.000	54.506	-9.0	82	0.00
71	P	Bromoform	50.000	54.009	-8.0	83	0.01
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	75	0.00
73	T	Isopropylbenzene	50.000	53.138	-6.3	82	0.00
74	T	N-amyl acetate	50.000	56.918	-13.8	83	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.792	-9.6	85	0.00
76	T	1,2,3-Trichloropropane	50.000	53.679	-7.4	79	0.00
77	T	Bromobenzene	50.000	51.497	-3.0	81	0.00
78	T	n-propylbenzene	50.000	53.097	-6.2	81	0.00
79	T	2-Chlorotoluene	50.000	53.148	-6.3	82	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.225	-6.5	82	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.805	-3.6	78	0.00
82	T	4-Chlorotoluene	50.000	53.017	-6.0	83	0.00
83	T	tert-Butylbenzene	50.000	52.716	-5.4	80	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.838	-7.7	82	0.00
85	T	sec-Butylbenzene	50.000	53.349	-6.7	82	0.00
86	T	p-Isopropyltoluene	50.000	53.046	-6.1	80	0.00
87	T	1,3-Dichlorobenzene	50.000	51.747	-3.5	81	0.00
88	T	1,4-Dichlorobenzene	50.000	51.275	-2.5	79	0.00
89	T	n-Butylbenzene	50.000	51.951	-3.9	78	0.00
90	T	Hexachloroethane	50.000	53.783	-7.6	84	0.00
91	T	1,2-Dichlorobenzene	50.000	52.591	-5.2	82	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.910	-9.8	83	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.803	-5.6	76	0.00
94	T	Hexachlorobutadiene	50.000	51.589	-3.2	78	0.00
95	T	Naphthalene	50.000	57.318	-14.6	78	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021275.D
Acq On : 21 Feb 2025 09:37
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 21 23:01:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.269	-6.5	77	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: NOBI03

Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG No.: Q1383

Instrument ID: MSVOA_Y Calibration Date/Time: 02/21/2025 20:27

Lab File ID: VY021298.D Init. Calib. Date(s): 02/03/2025 02/03/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 10:35 12:44

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.446	0.383		-14.13	50
Chloromethane	0.440	0.524	0.1	19.09	50
Vinyl Chloride	0.443	0.546		23.25	50
Bromomethane	0.274	0.344		25.55	50
Chloroethane	0.263	0.359		36.5	50
Tetrahydrofuran	0.089	0.098		10.11	50
Trichlorofluoromethane	0.806	0.827		2.61	50
1,1,2-Trichlorotrifluoroethane	0.506	0.495		-2.17	50
1,1-Dichloroethene	0.477	0.457		-4.19	50
Acrylonitrile	0.105	0.114		8.57	50
Acetone	0.080	0.085		6.25	50
Carbon Disulfide	1.495	1.277		-14.58	50
Methyl tert-butyl Ether	1.205	1.292		7.22	50
Methylene Chloride	0.497	0.518		4.22	50
trans-1,2-Dichloroethene	0.525	0.511		-2.67	50
1,1-Dichloroethane	0.970	1.067	0.1	10	50
2-Butanone	0.131	0.148		12.98	50
Carbon Tetrachloride	0.555	0.551		-0.72	50
2,2-Dichloropropane	0.898	0.867		-3.45	50
cis-1,2-Dichloroethene	0.604	0.636		5.3	50
Chloroform	0.997	1.097		10.03	50
1,1,1-Trichloroethane	0.927	0.968		4.42	50
1,1-Dichloropropene	0.475	0.471		-0.84	50
Benzene	1.393	1.455		4.45	50
1,2-Dichloroethane	0.386	0.421		9.07	50
Trichloroethene	0.360	0.360		0	50
1,2-Dichloropropane	0.331	0.362		9.37	50
Dibromomethane	0.183	0.192		4.92	50
Bromodichloromethane	0.491	0.537		9.37	50
4-Methyl-2-Pentanone	0.208	0.240		15.39	50
Toluene	0.875	0.933		6.63	50
t-1,3-Dichloropropene	0.441	0.474		7.48	50
cis-1,3-Dichloropropene	0.522	0.559		7.09	50
1,1,2-Trichloroethane	0.237	0.254		7.17	50
1,3-Dichloropropane	0.410	0.446		8.78	50
2-Hexanone	0.134	0.159		18.66	50
Dibromochloromethane	0.333	0.352		5.71	50
1,2-Dibromoethane	0.222	0.230		3.6	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: NOBI03

Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG No.: Q1383

Instrument ID: MSVOA_Y Calibration Date/Time: 02/21/2025 20:27

Lab File ID: VY021298.D Init. Calib. Date(s): 02/03/2025 02/03/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 10:35 12:44

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Tetrachloroethene	0.371	0.354		-4.58	50
Chlorobenzene	1.113	1.117	0.3	0.36	50
1,1,1,2-Tetrachloroethane	0.396	0.409		3.28	50
Ethyl Benzene	1.969	2.017		2.44	50
m/p-Xylenes	0.737	0.758		2.85	50
o-Xylene	0.687	0.715		4.08	50
Styrene	1.145	1.227		7.16	50
Bromoform	0.220	0.225	0.1	2.27	50
Isopropylbenzene	3.906	3.741		-4.22	50
1,1,2,2-Tetrachloroethane	0.650	0.624	0.3	-4	50
1,2,3-Trichloropropane	0.454	0.466		2.64	50
Bromobenzene	0.901	0.854		-5.22	50
n-propylbenzene	4.653	4.542		-2.39	50
2-Chlorotoluene	2.665	2.574		-3.41	50
1,3,5-Trimethylbenzene	3.167	3.052		-3.63	50
4-Chlorotoluene	2.715	2.650		-2.39	50
tert-Butylbenzene	2.878	2.809		-2.43	50
1,2,4-Trimethylbenzene	3.096	3.065		-1	50
sec-Butylbenzene	4.143	4.031		-2.7	50
p-Isopropyltoluene	3.442	3.377		-1.89	50
1,3-Dichlorobenzene	1.740	1.705		-2.01	50
1,4-Dichlorobenzene	1.714	1.679		-2.04	50
n-Butylbenzene	3.140	3.158		0.57	50
1,2-Dichlorobenzene	1.510	1.499		-0.73	50
1,2-Dibromo-3-Chloropropane	0.097	0.095		-2.06	50
1,2,4-Trichlorobenzene	0.841	0.859		2.14	50
Hexachlorobutadiene	0.557	0.557		0	50
1,2,3-Trichlorobenzene	0.700	0.735		5	50
1,2-Dichloroethane-d4	0.512	0.555		8.4	50
Dibromofluoromethane	0.320	0.340		6.25	50
Toluene-d8	1.220	1.267		3.85	50
4-Bromofluorobenzene	0.399	0.432		8.27	50
trans-1,4-Dichloro-2-butene	0.222	0.204		-8.11	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_Y\Data\VY022125\
Data File : VY021298.D
Acq On : 21 Feb 2025 20:27
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Feb 28 06:39:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.719	168	127702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	200243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	179395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	92699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	70818	54.125	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.260%			
35) Dibromofluoromethane	7.646	113	68028	53.011	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.020%			
50) Toluene-d8	10.115	98	253697	51.928	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.860%			
62) 4-Bromofluorobenzene	12.413	95	86427	54.149	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 108.300%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.866	85	48896	42.960	ug/l	96
3) Chloromethane	2.074	50	66978	59.635	ug/l	96
4) Vinyl Chloride	2.208	62	69742	61.693	ug/l	98
5) Bromomethane	2.604	94	43960	62.917	ug/l	99
6) Chloroethane	2.744	64	45841	68.120	ug/l	97
7) Trichlorofluoromethane	3.067	101	105628	51.288	ug/l	100
8) Diethyl Ether	3.464	74	32573	50.663	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.823	101	63248	48.931	ug/l	97
10) Methyl Iodide	4.012	142	70971	49.422	ug/l	92
11) Tert butyl alcohol	4.872	59	20115	226.865	ug/l	95
12) 1,1-Dichloroethene	3.799	96	58353	47.924	ug/l	86
13) Acrolein	3.659	56	14964	109.599	ug/l	100
14) Allyl chloride	4.397	41	107582	52.425	ug/l	90
15) Acrylonitrile	5.067	53	72547	270.971	ug/l	97
16) Acetone	3.884	43	54339	266.311	ug/l	95
17) Carbon Disulfide	4.116	76	163127	42.725	ug/l	100
18) Methyl Acetate	4.397	43	42032	58.681	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	164986	53.609	ug/l	98
20) Methylene Chloride	4.628	84	66140	52.142	ug/l	90
21) trans-1,2-Dichloroethene	5.128	96	65263	48.693	ug/l	88
22) Diisopropyl ether	6.030	45	245873	58.129	ug/l	98
23) Vinyl Acetate	5.969	43	664260	281.710	ug/l	96
24) 1,1-Dichloroethane	5.927	63	136272	54.988	ug/l	98
25) 2-Butanone	6.902	43	94486	281.796	ug/l	96
26) 2,2-Dichloropropane	6.896	77	110775	48.309	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	81165	52.612	ug/l	91
28) Bromochloromethane	7.256	49	55091	56.218	ug/l	94
29) Tetrahydrofuran	7.274	42	62499	275.466	ug/l	93
30) Chloroform	7.426	83	140070	55.027	ug/l	100
31) Cyclohexane	7.707	56	104105	46.649	ug/l	94
32) 1,1,1-Trichloroethane	7.628	97	123595	52.224	ug/l	98
36) 1,1-Dichloropropene	7.841	75	94379	49.653	ug/l	98
37) Ethyl Acetate	6.994	43	44845	53.780	ug/l	98
38) Carbon Tetrachloride	7.829	117	110409	49.712	ug/l	99
39) Methylcyclohexane	9.115	83	110205	47.400	ug/l	94
40) Benzene	8.085	78	291377	52.236	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021298.D
Acq On : 21 Feb 2025 20:27
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Feb 28 06:39:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.225	41	26453	54.835	ug/l		96
42) 1,2-Dichloroethane	8.164	62	84380	54.531	ug/l		97
43) Isopropyl Acetate	8.207	43	92566	55.868	ug/l	#	84
44) Trichloroethene	8.871	130	72094	50.025	ug/l		97
45) 1,2-Dichloropropane	9.146	63	72574	54.816	ug/l		96
46) Dibromomethane	9.237	93	38469	52.478	ug/l		98
47) Bromodichloromethane	9.432	83	107436	54.647	ug/l		96
48) Methyl methacrylate	9.225	41	42933	56.886	ug/l		87
49) 1,4-Dioxane	9.243	88	7570	1109.293	ug/l		93
51) 4-Methyl-2-Pentanone	10.005	43	240674	288.857	ug/l		95
52) Toluene	10.176	92	186882	53.357	ug/l		100
53) t-1,3-Dichloropropene	10.402	75	94918	53.768	ug/l		98
54) cis-1,3-Dichloropropene	9.859	75	112011	53.589	ug/l	#	88
55) 1,1,2-Trichloroethane	10.578	97	50770	53.484	ug/l		97
56) Ethyl methacrylate	10.444	69	69019	54.350	ug/l	#	84
57) 1,3-Dichloropropane	10.725	76	89268	54.331	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.719	63	154985	256.535	ug/l		99
59) 2-Hexanone	10.767	43	159168	296.700	ug/l		92
60) Dibromochloromethane	10.914	129	70461	52.855	ug/l		99
61) 1,2-Dibromoethane	11.023	107	46137	51.889	ug/l		100
64) Tetrachloroethene	10.651	164	63533	47.707	ug/l		96
65) Chlorobenzene	11.444	112	200342	50.154	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.523	131	73344	51.667	ug/l		98
67) Ethyl Benzene	11.523	91	361813	51.210	ug/l		100
68) m/p-Xylenes	11.633	106	271905	102.873	ug/l		98
69) o-Xylene	11.962	106	128186	52.018	ug/l		96
70) Styrene	11.974	104	220140	53.599	ug/l		98
71) Bromoform	12.139	173	40285	50.984	ug/l	#	99
73) Isopropylbenzene	12.261	105	346825	47.897	ug/l		99
74) N-amyl acetate	12.078	43	83623	52.822	ug/l		92
75) 1,1,2,2-Tetrachloroethane	12.511	83	57866	48.050	ug/l		100
76) 1,2,3-Trichloropropane	12.566	75	43218m	51.395	ug/l		
77) Bromobenzene	12.535	156	79189	47.390	ug/l		95
78) n-propylbenzene	12.602	91	421016	48.809	ug/l		99
79) 2-Chlorotoluene	12.688	91	238624	48.301	ug/l		100
80) 1,3,5-Trimethylbenzene	12.743	105	282926	48.192	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.310	75	18920	45.910	ug/l		92
82) 4-Chlorotoluene	12.785	91	245636	48.800	ug/l		99
83) tert-Butylbenzene	13.005	119	260345	48.787	ug/l		98
84) 1,2,4-Trimethylbenzene	13.047	105	284109	49.493	ug/l		99
85) sec-Butylbenzene	13.182	105	373628	48.640	ug/l		99
86) p-Isopropyltoluene	13.297	119	313085	49.066	ug/l		99
87) 1,3-Dichlorobenzene	13.291	146	158092	48.998	ug/l		99
88) 1,4-Dichlorobenzene	13.371	146	155677	49.004	ug/l		99
89) n-Butylbenzene	13.620	91	292709	50.284	ug/l		99
90) Hexachloroethane	13.889	117	65786	49.420	ug/l		87
91) 1,2-Dichlorobenzene	13.663	146	138923	49.608	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	8778	48.777	ug/l		96
93) 1,2,4-Trichlorobenzene	14.925	180	79651	51.098	ug/l		99
94) Hexachlorobutadiene	15.029	225	51673	50.024	ug/l		99
95) Naphthalene	15.151	128	135915	54.500	ug/l		99
96) 1,2,3-Trichlorobenzene	15.334	180	68173	52.553	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021298.D
Acq On : 21 Feb 2025 20:27
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Feb 28 06:39:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

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

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

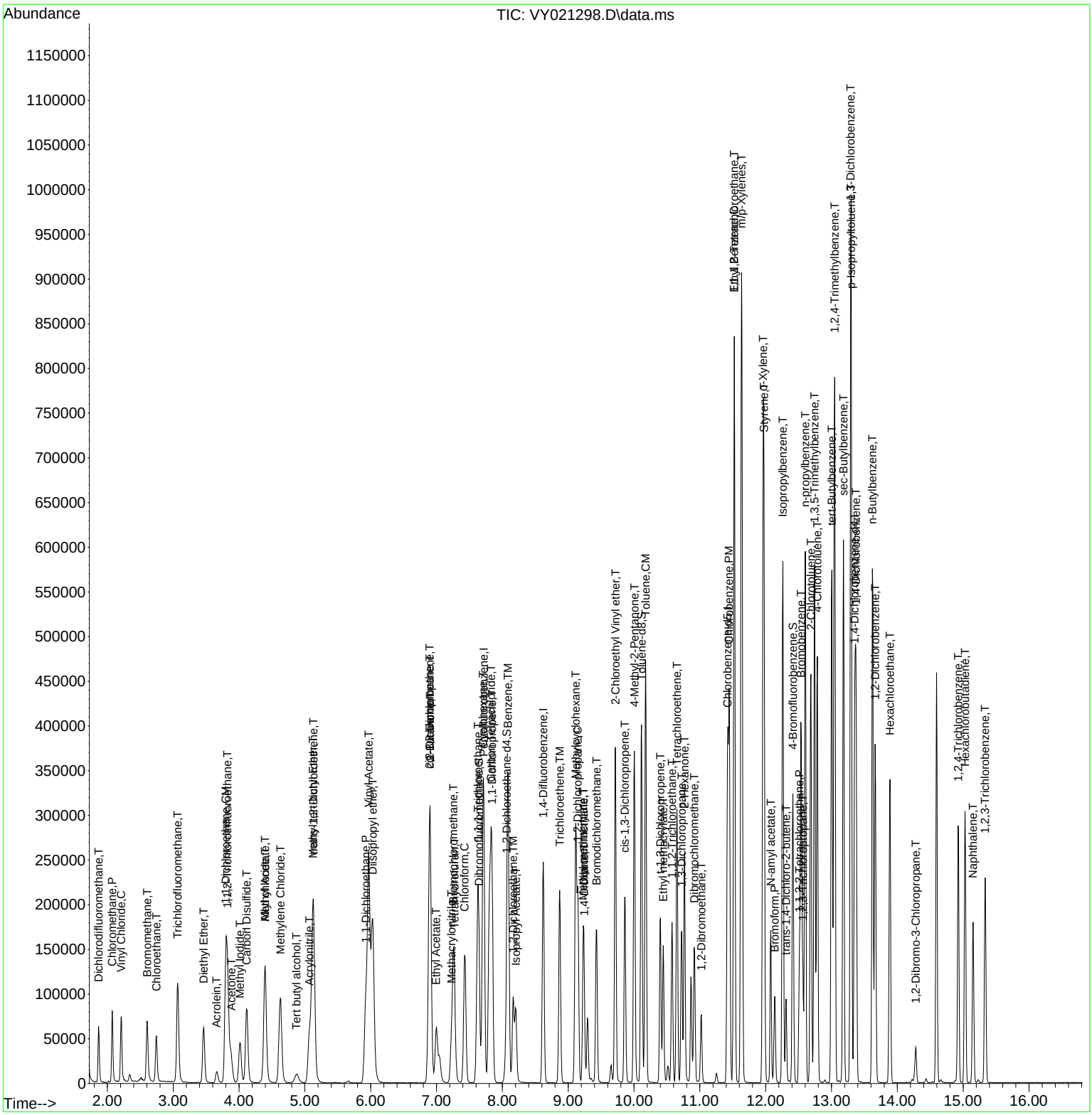
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021298.D
Acq On : 21 Feb 2025 20:27
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

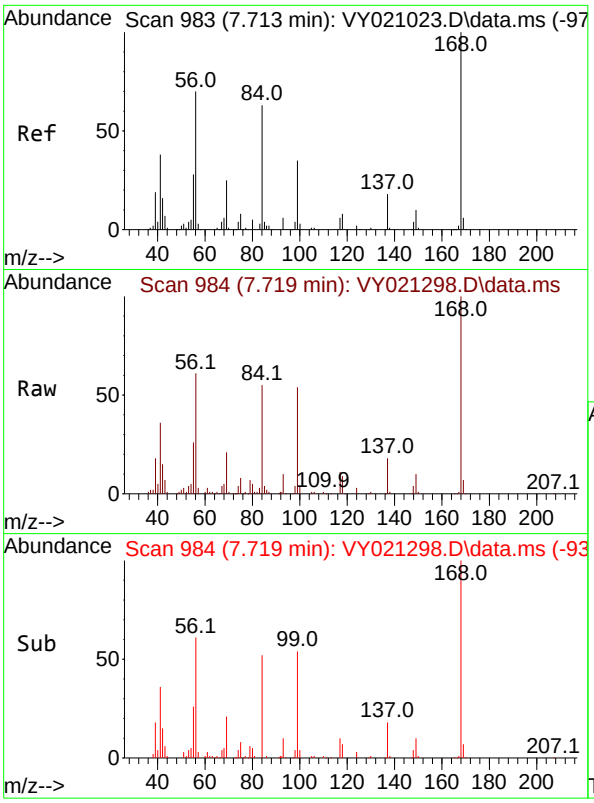
Quant Time: Feb 28 06:39:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

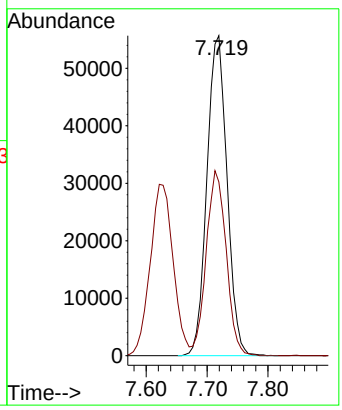
Tgt Ion:168 Resp: 12770

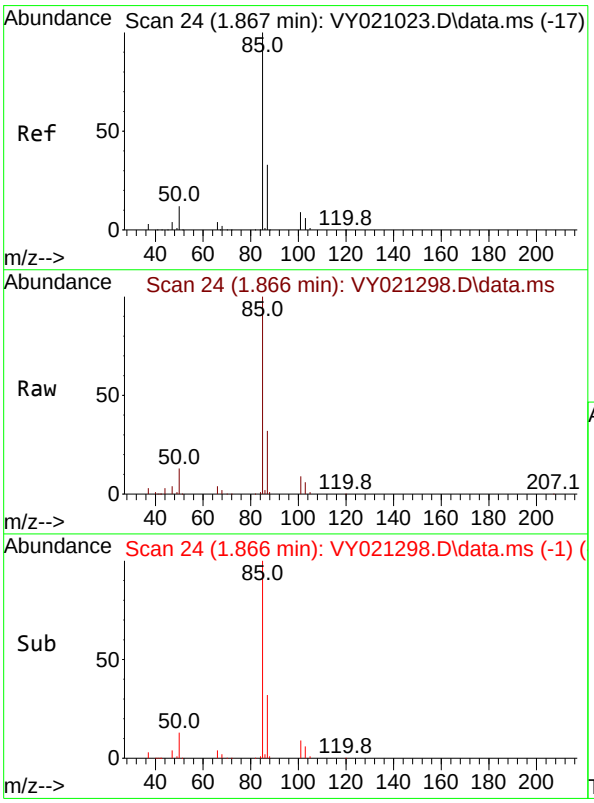
Ion	Ratio	Lower	Upper
168	100		
99	54.3	44.2	66.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

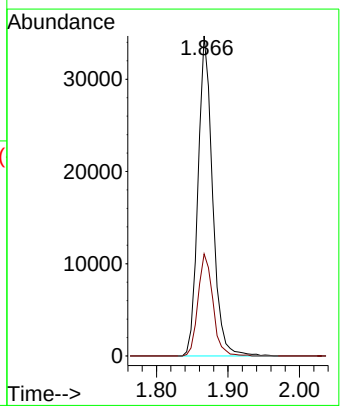


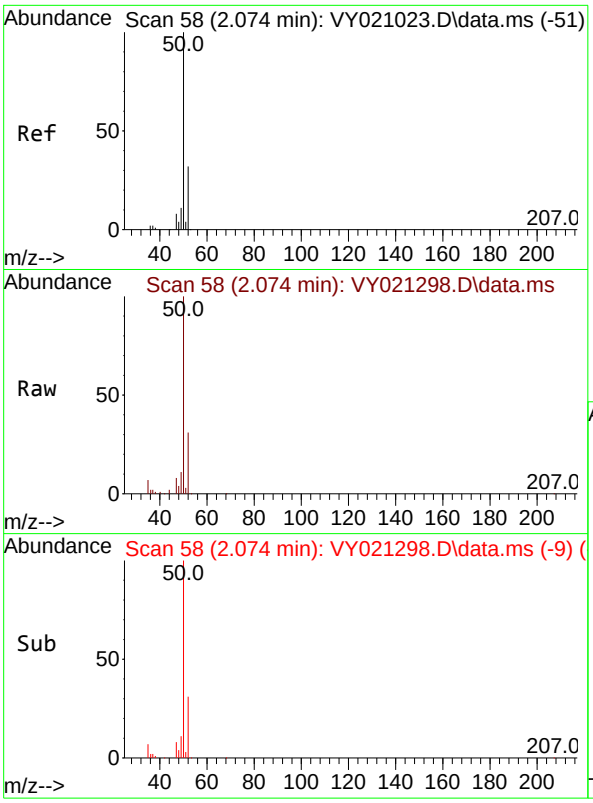


#2
Dichlorodifluoromethane
Concen: 42.960 ug/l
RT: 1.866 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 85 Resp: 48896

Ion	Ratio	Lower	Upper
85	100		
87	31.9	17.1	51.3

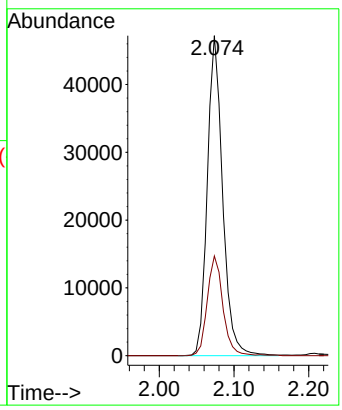




#3
Chloromethane
Concen: 59.635 ug/l
RT: 2.074 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 50 Resp: 6697

Ion	Ratio	Lower	Upper
50	100		
52	31.1	26.7	40.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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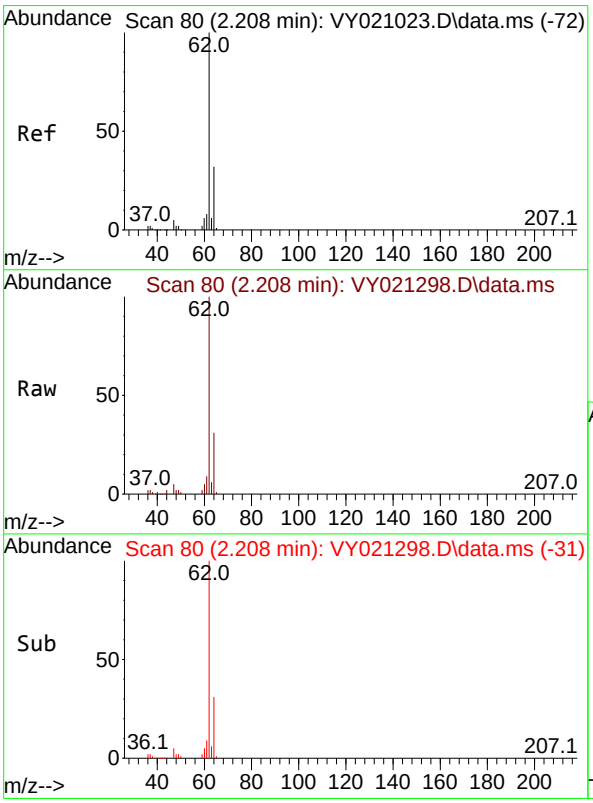
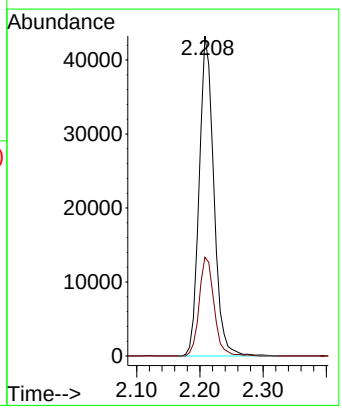
Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

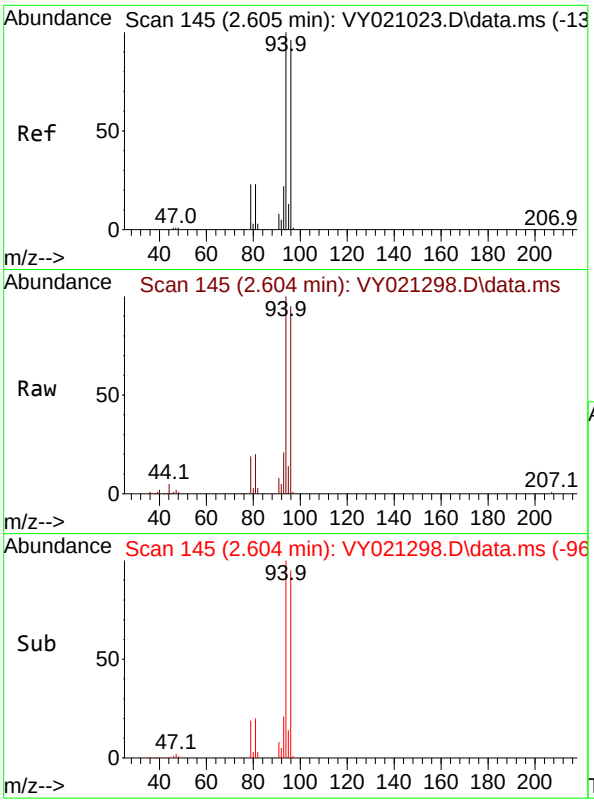


#4
Vinyl Chloride
Concen: 61.693 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 62 Resp: 69742

Ion	Ratio	Lower	Upper
62	100		
64	30.8	25.7	38.5

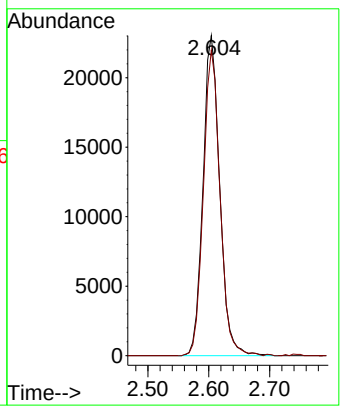




#5
Bromomethane
Concen: 62.917 ug/l
RT: 2.604 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 94 Resp: 4396

Ion	Ratio	Lower	Upper
94	100		
96	95.5	77.3	115.9



Instrument :
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ClientSampleId :
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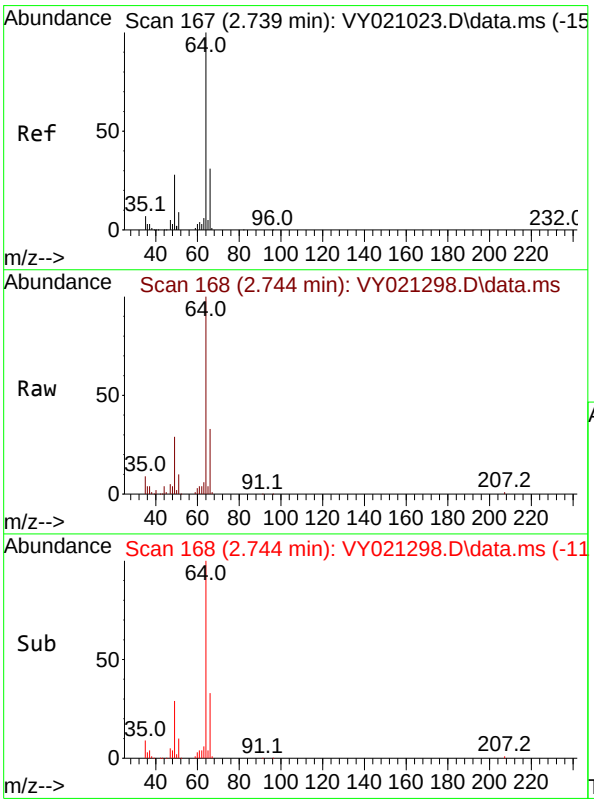
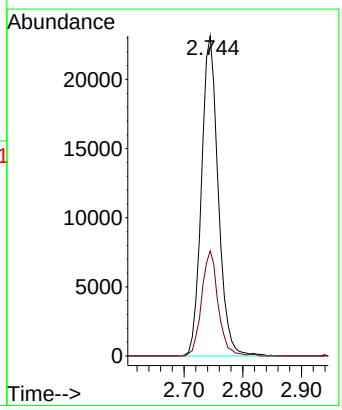
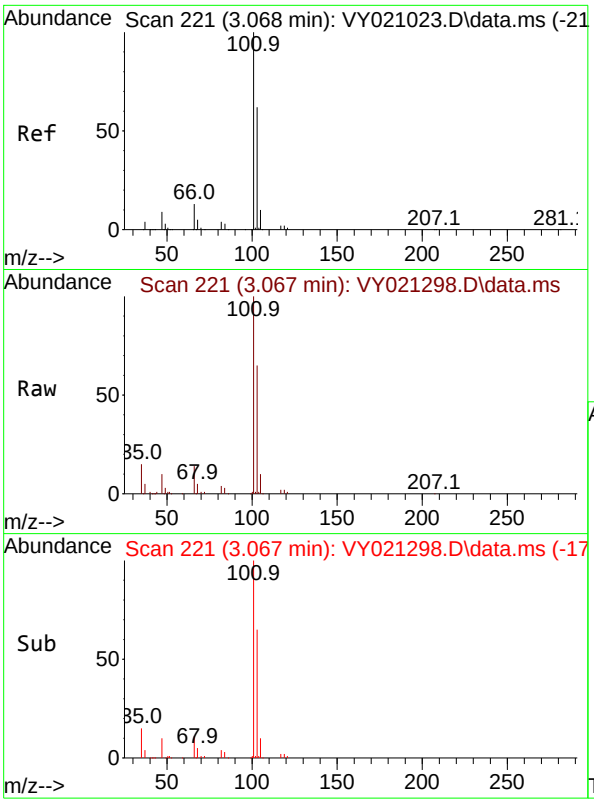


#6
Chloroethane
Concen: 68.120 ug/l
RT: 2.744 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 64 Resp: 45841

Ion	Ratio	Lower	Upper
64	100		
66	32.8	25.1	37.7

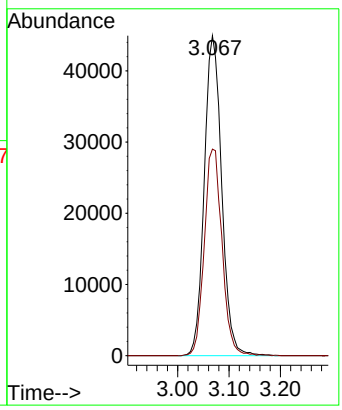




#7
Trichlorofluoromethane
Concen: 51.288 ug/l
RT: 3.067 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:101 Resp: 10562

Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.9	77.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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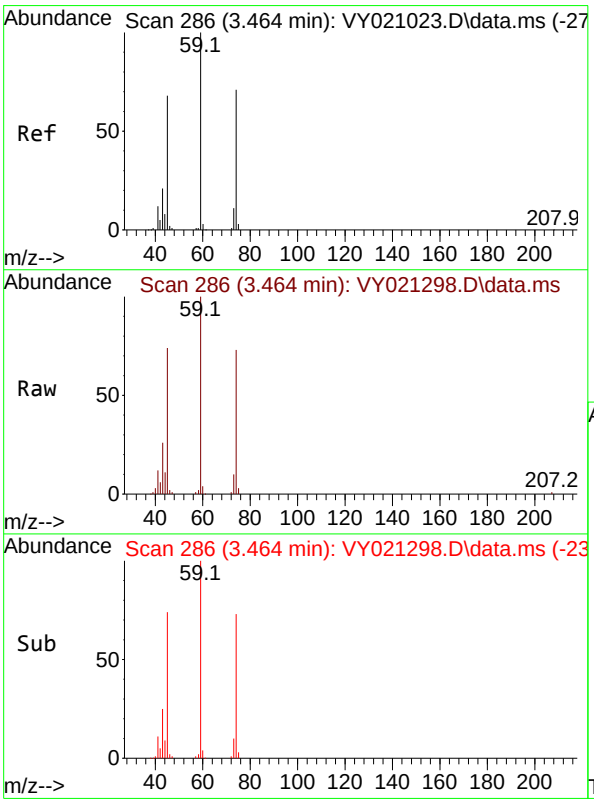
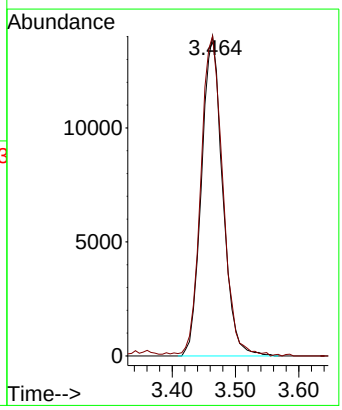
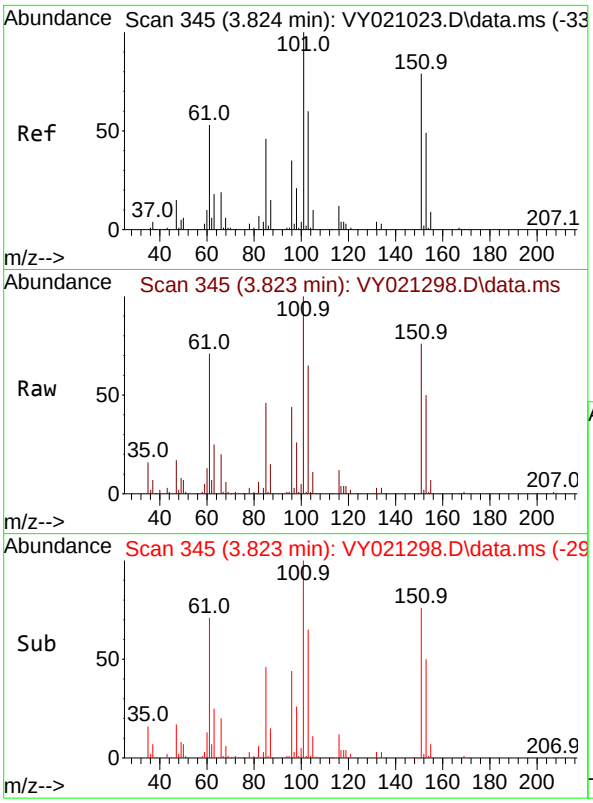


#8
Diethyl Ether
Concen: 50.663 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 74 Resp: 32573

Ion	Ratio	Lower	Upper
74	100		
45	103.1	47.9	143.7

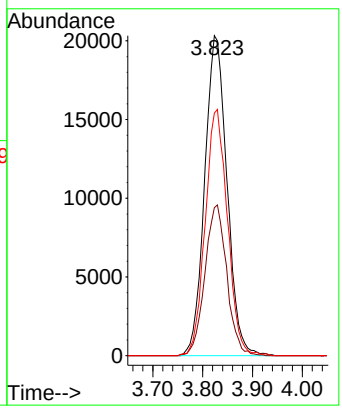




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.931 ug/l
RT: 3.823 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:101 Resp: 6324

Ion	Ratio	Lower	Upper
101	100		
85	46.3	35.8	53.6
151	76.7	58.6	88.0



Instrument :
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ClientSampleId :
VSTDCCC050EC

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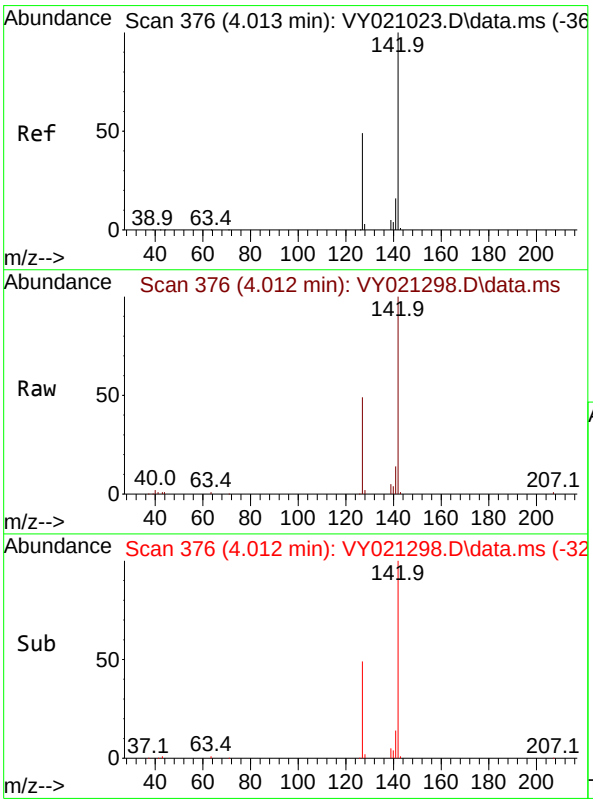
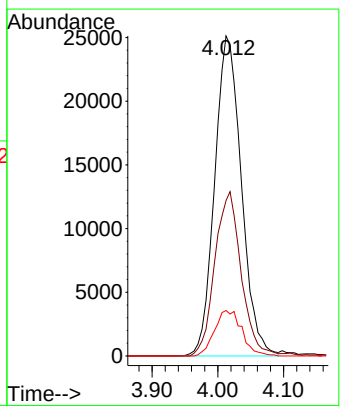
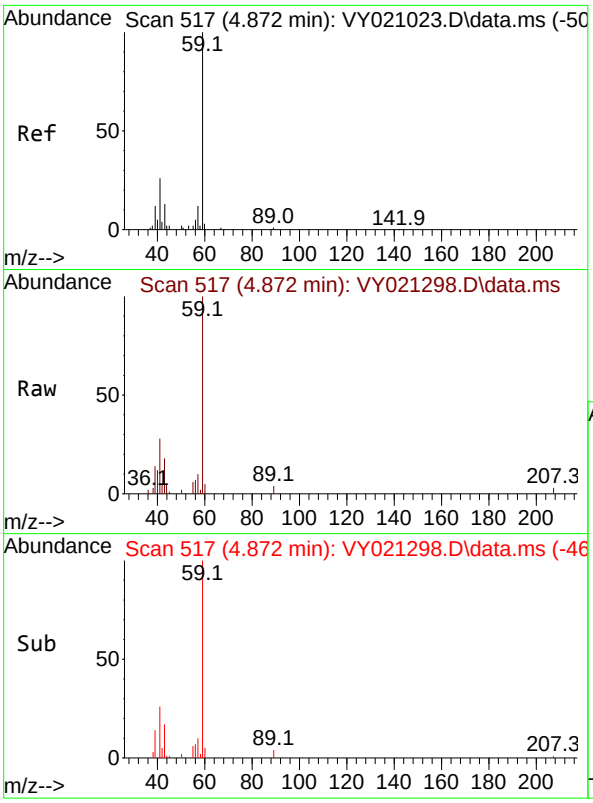


#10
Methyl Iodide
Concen: 49.422 ug/l
RT: 4.012 min Scan# 376
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:142 Resp: 70971

Ion	Ratio	Lower	Upper
142	100		
127	50.6	35.1	52.7
141	14.6	11.8	17.6

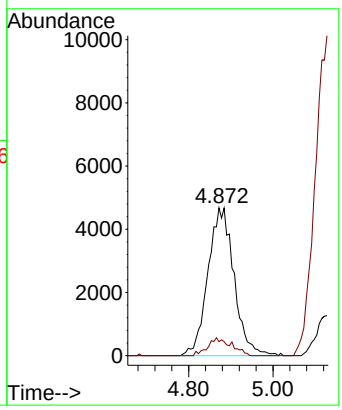




#11
Tert butyl alcohol
Concen: 226.865 ug/l
RT: 4.872 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 59 Resp: 2011

Ion	Ratio	Lower	Upper
59	100		
57	10.9	7.4	11.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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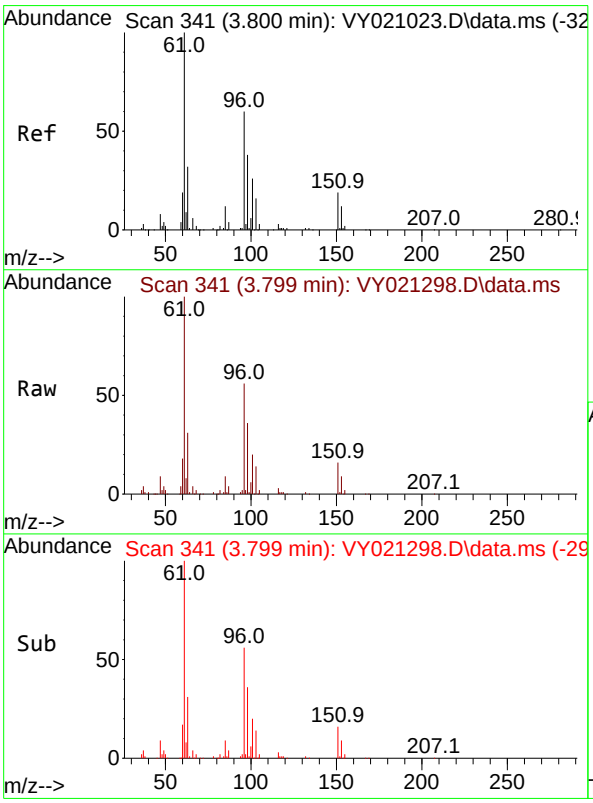
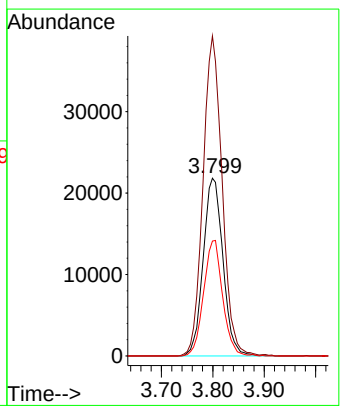
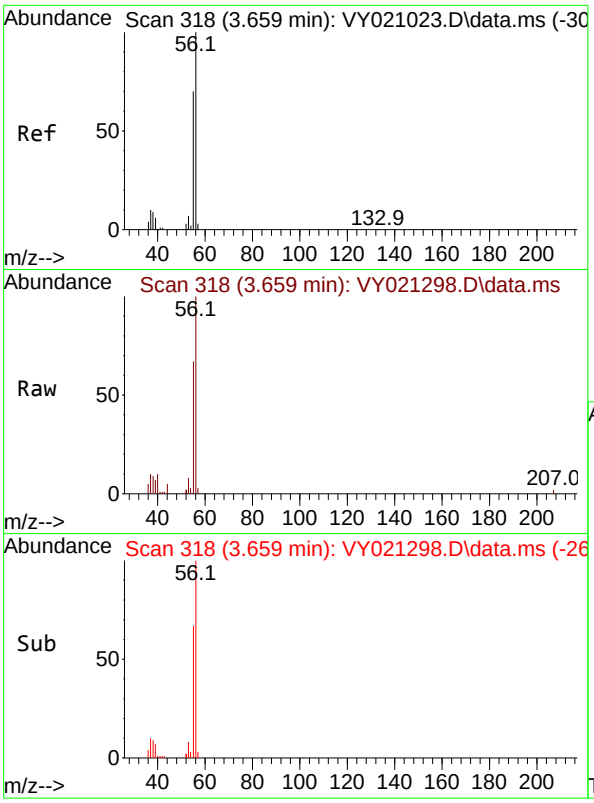


#12
1,1-Dichloroethene
Concen: 47.924 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 96 Resp: 58353

Ion	Ratio	Lower	Upper
96	100		
61	180.0	124.2	186.2
98	64.6	52.6	79.0

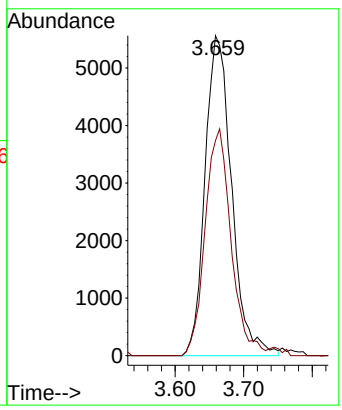




#13
Acrolein
Concen: 109.599 ug/l
RT: 3.659 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 56 Resp: 1496

Ion	Ratio	Lower	Upper
56	100		
55	69.4	55.4	83.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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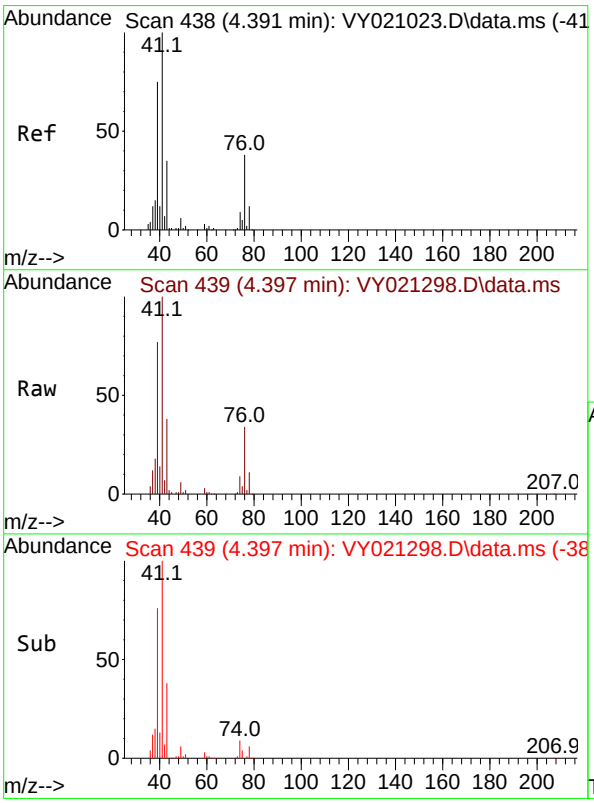
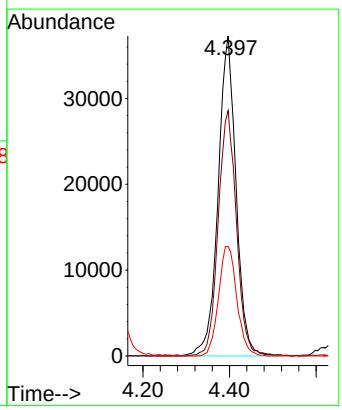
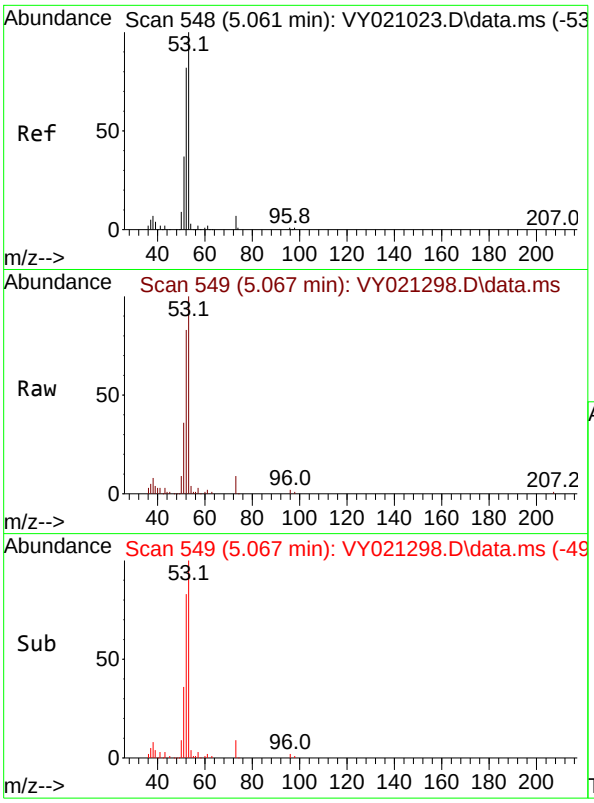


#14
Allyl chloride
Concen: 52.425 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 41 Resp: 107582

Ion	Ratio	Lower	Upper
41	100		
39	78.0	54.7	82.1
76	35.0	31.8	47.6

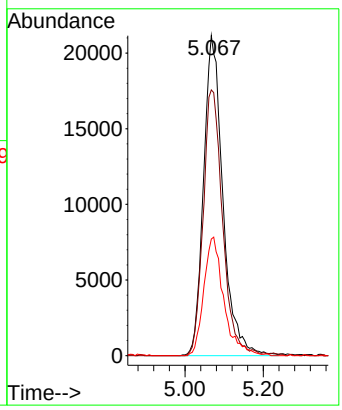




#15
Acrylonitrile
Concen: 270.971 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 53 Resp: 7254

Ion	Ratio	Lower	Upper
53	100		
52	83.5	65.1	97.7
51	38.3	29.0	43.4



Instrument :
MSVOA_Y
ClientSampleId :
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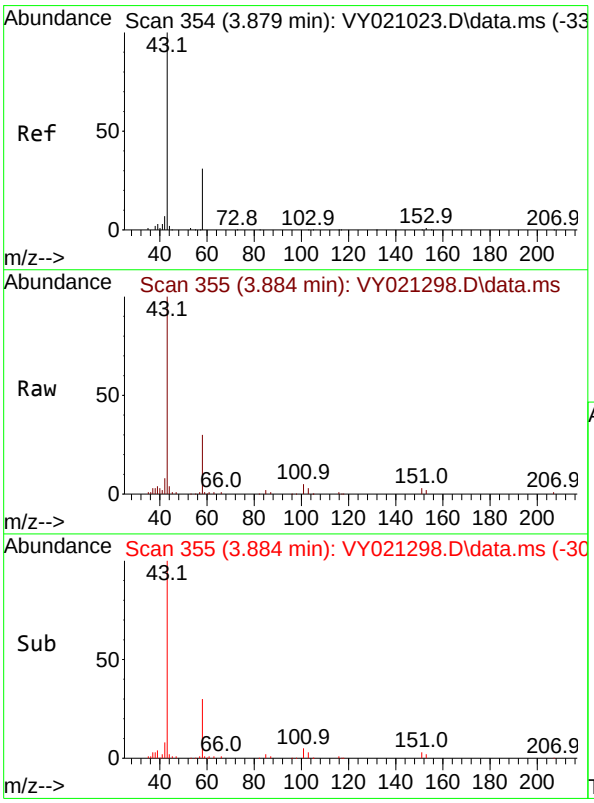
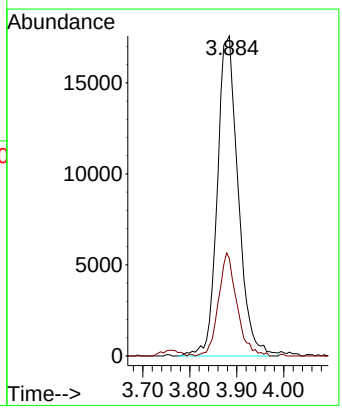
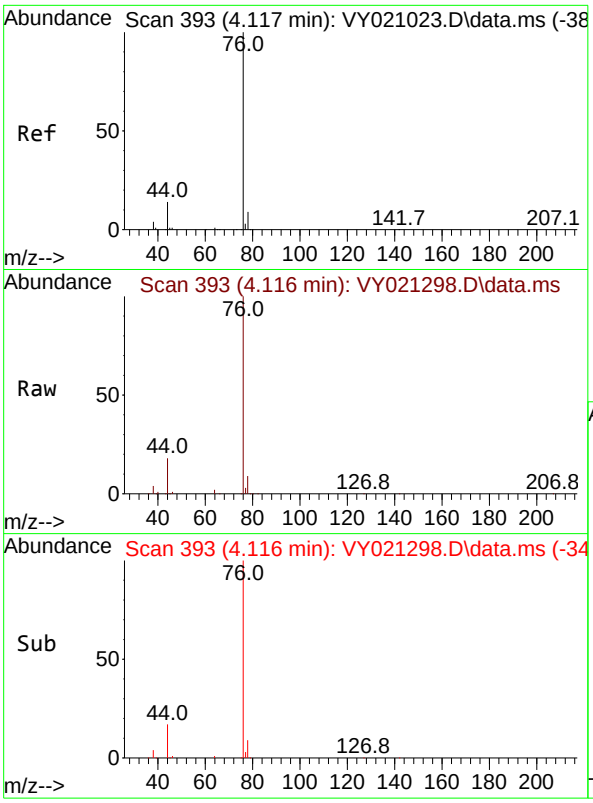


#16
Acetone
Concen: 266.311 ug/l
RT: 3.884 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 43 Resp: 54339

Ion	Ratio	Lower	Upper
43	100		
58	30.5	26.6	39.8

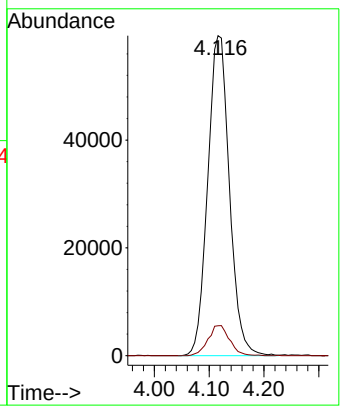




#17
Carbon Disulfide
Concen: 42.725 ug/l
RT: 4.116 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 76 Resp: 16312

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.0



Instrument :
MSVOA_Y
ClientSampleId :
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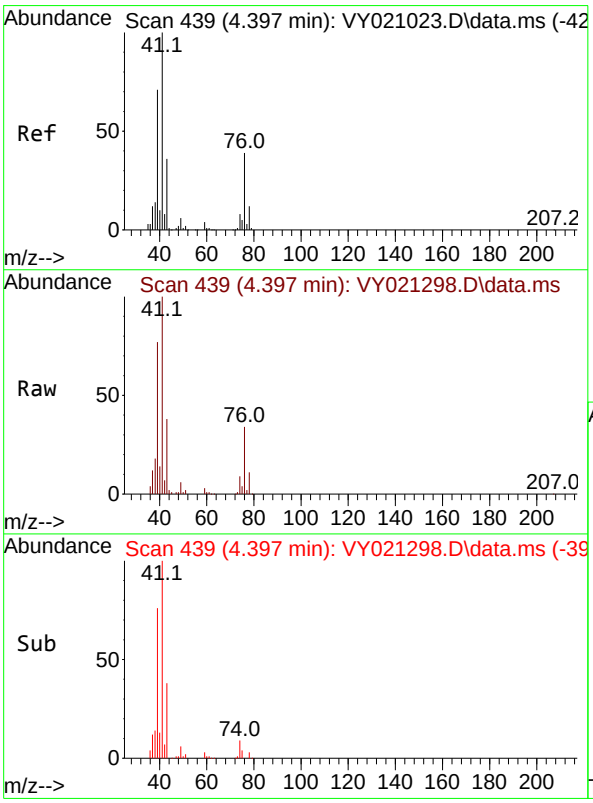
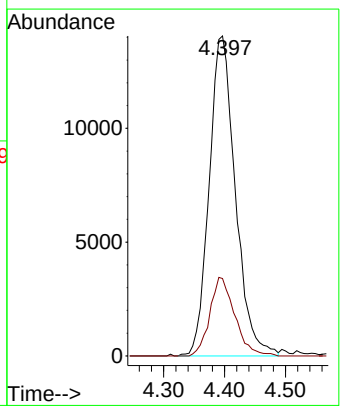
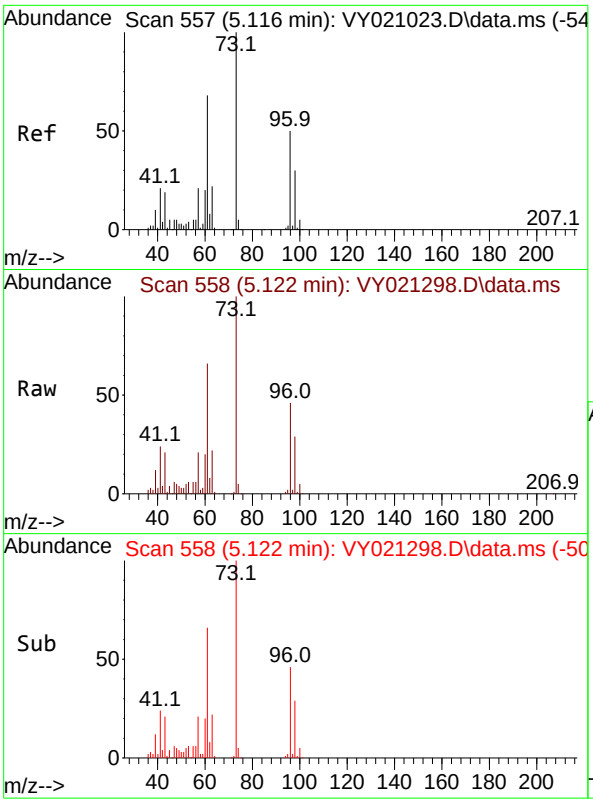


#18
Methyl Acetate
Concen: 58.681 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 43 Resp: 42032

Ion	Ratio	Lower	Upper
43	100		
74	23.4	19.8	29.6

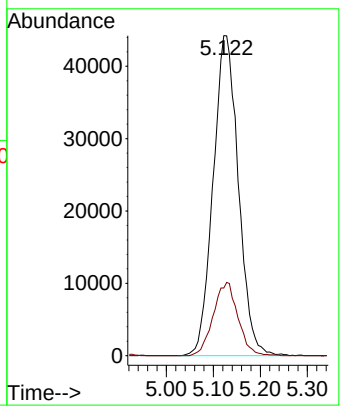




#19
Methyl tert-butyl Ether
Concen: 53.609 ug/l
RT: 5.122 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 73 Resp: 16498

Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.7	26.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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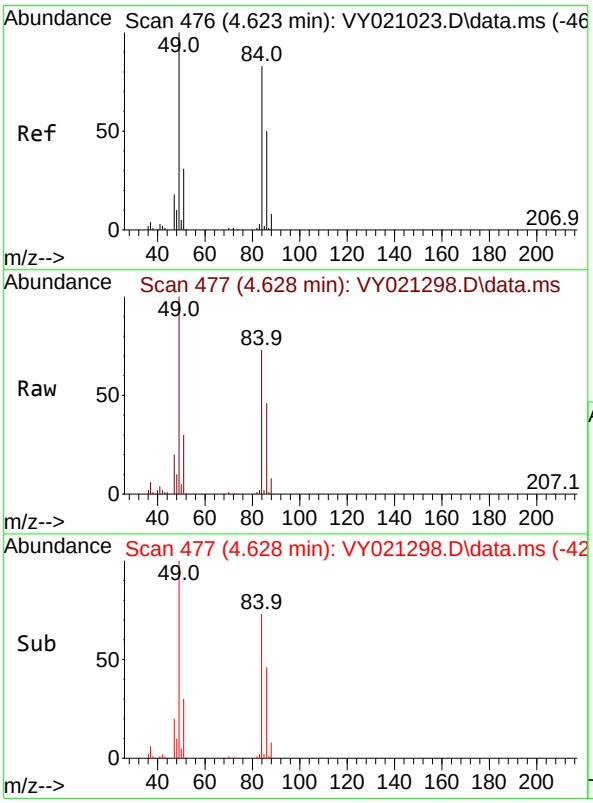
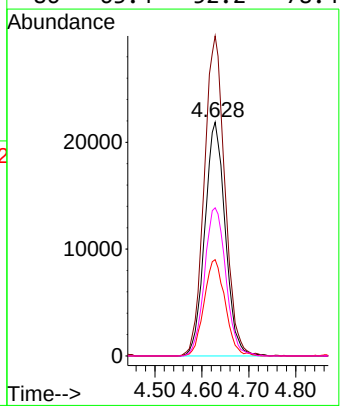
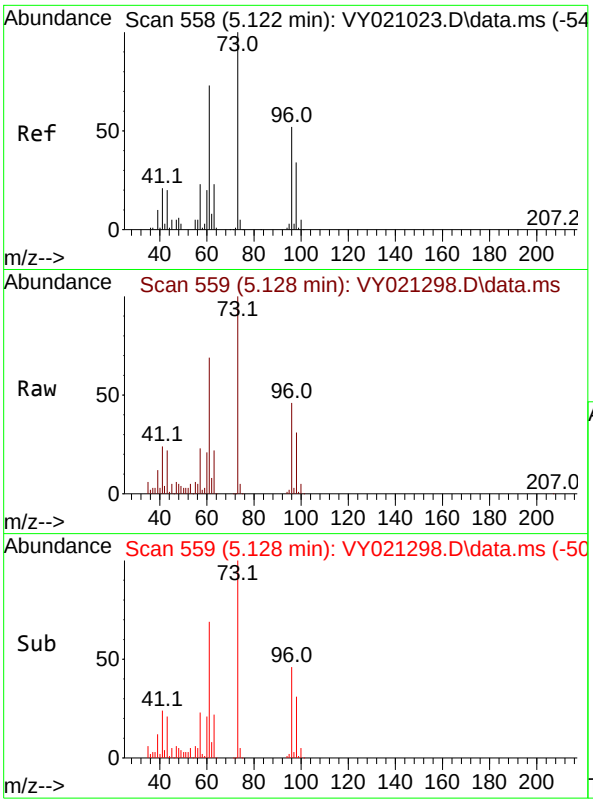


#20
Methylene Chloride
Concen: 52.142 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 84 Resp: 66140

Ion	Ratio	Lower	Upper
84	100		
49	136.9	95.2	142.8
51	41.2	29.9	44.9
86	63.4	52.2	78.4

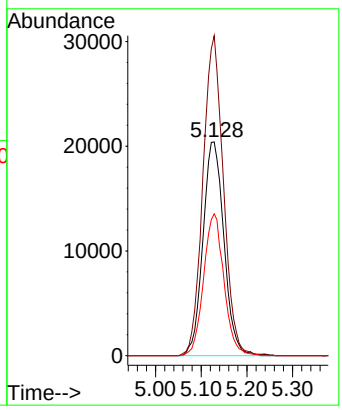




#21
trans-1,2-Dichloroethene
Concen: 48.693 ug/l
RT: 5.128 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 96 Resp: 6526

Ion	Ratio	Lower	Upper
96	100		
61	149.7	104.6	156.8
98	66.4	50.9	76.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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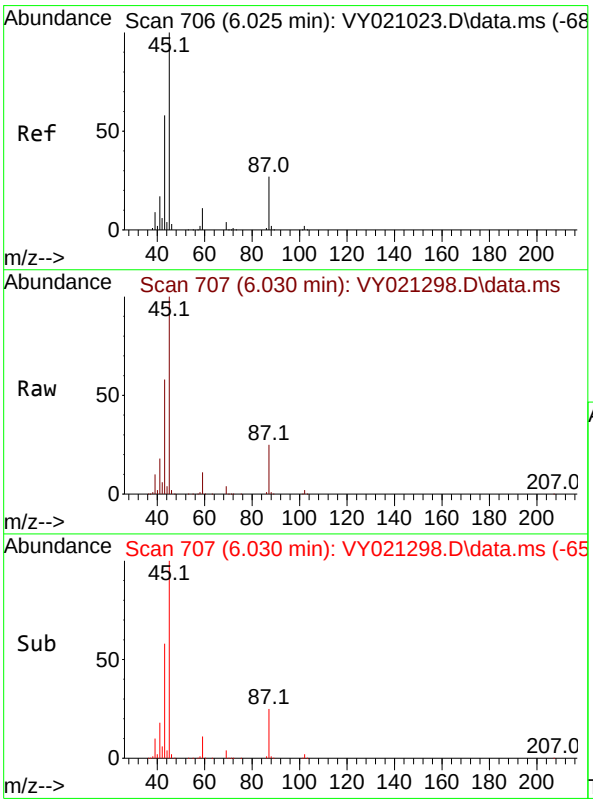
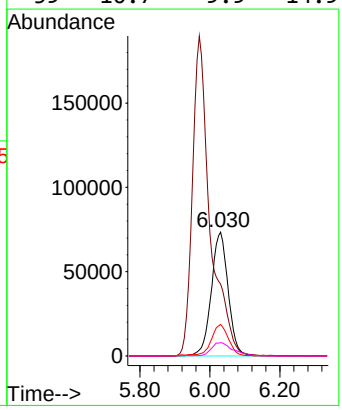
Supervised By :Mahesh Dadoda 02/28/2025

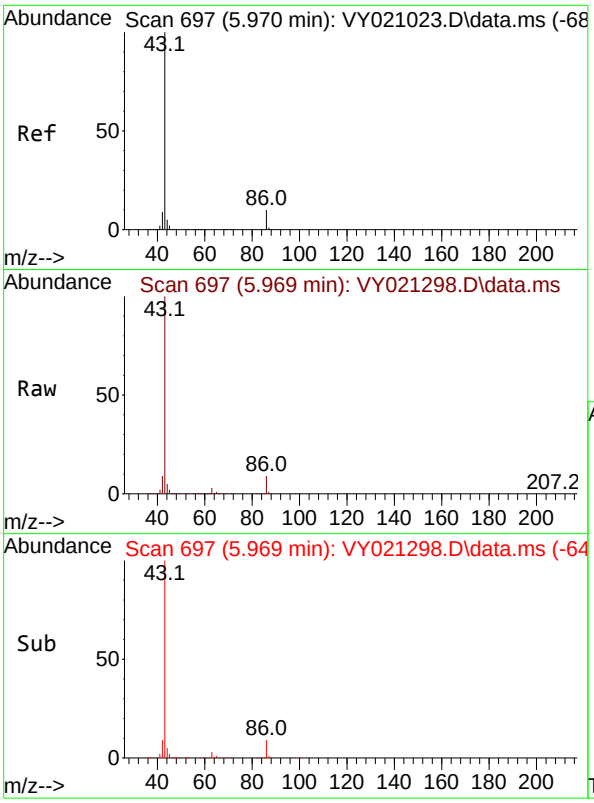


#22
Diisopropyl ether
Concen: 58.129 ug/l
RT: 6.030 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 45 Resp: 245873

Ion	Ratio	Lower	Upper
45	100		
43	57.7	46.8	70.2
87	25.4	22.2	33.2
59	10.7	9.9	14.9

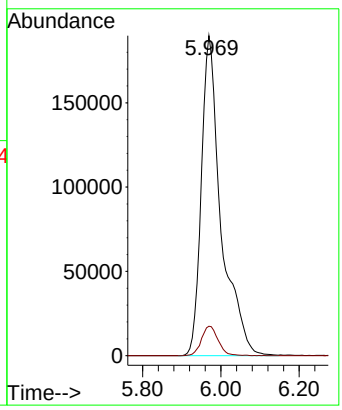




#23
Vinyl Acetate
Concen: 281.710 ug/l
RT: 5.969 min Scan# 6
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 43 Resp: 66426

Ion	Ratio	Lower	Upper
43	100		
86	9.2	8.6	13.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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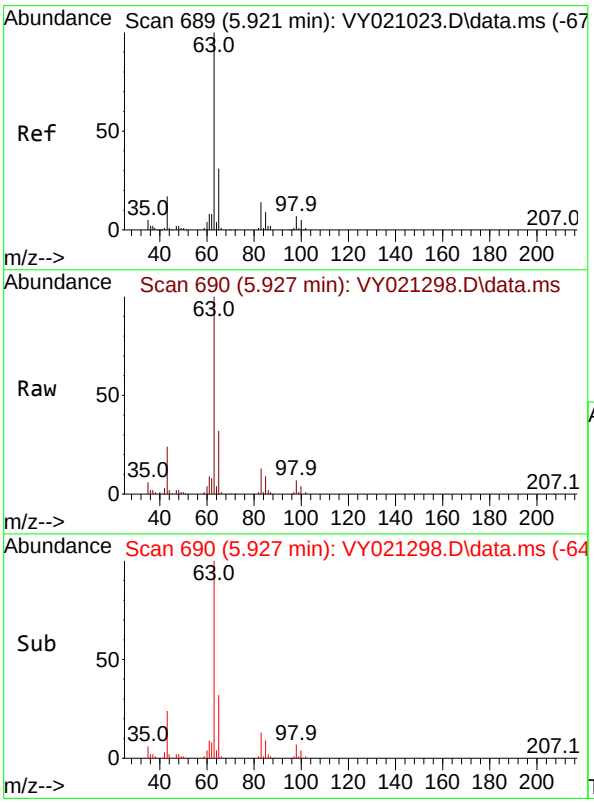
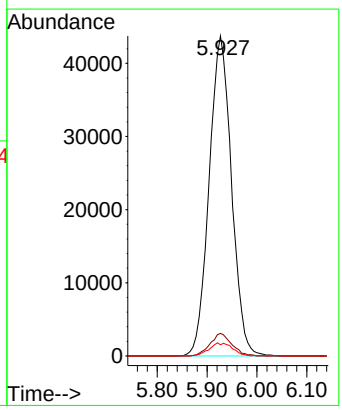
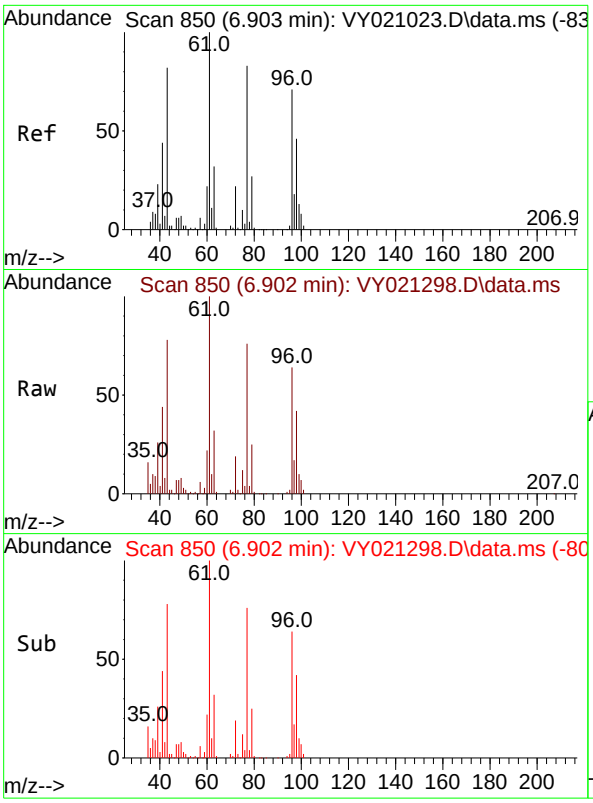


#24
1,1-Dichloroethane
Concen: 54.988 ug/l
RT: 5.927 min Scan# 690
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 63 Resp: 136272

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.8	11.4
100	3.5	2.1	6.2





#25
2-Butanone
Concen: 281.796 ug/l
RT: 6.902 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 43 Resp: 9448

Ion	Ratio	Lower	Upper
43	100		
72	24.6	21.4	32.2

Instrument :
MSVOA_Y
ClientSampleId :
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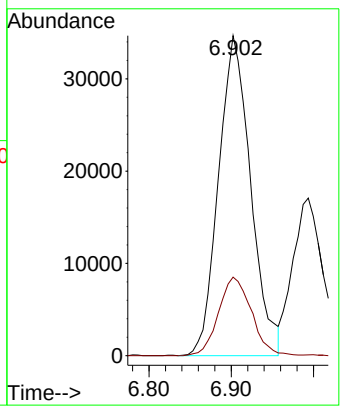
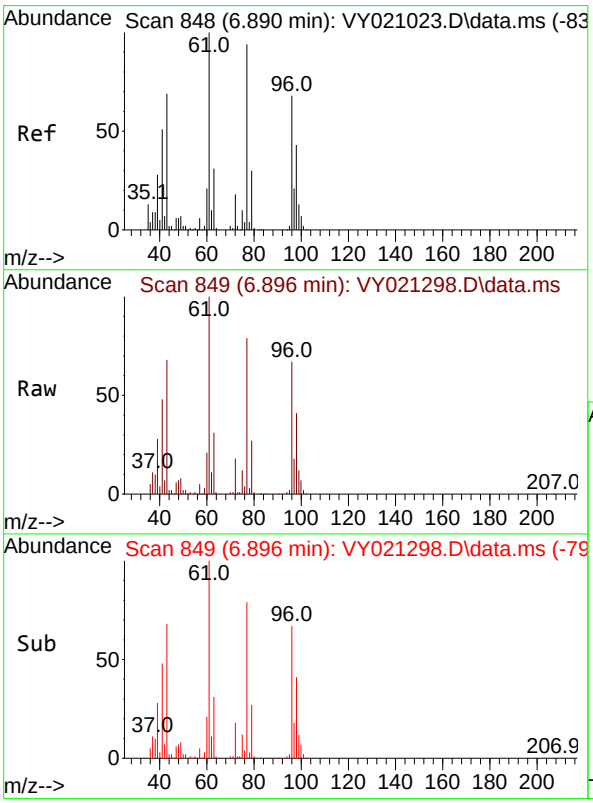
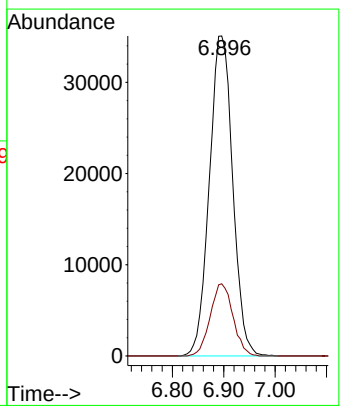


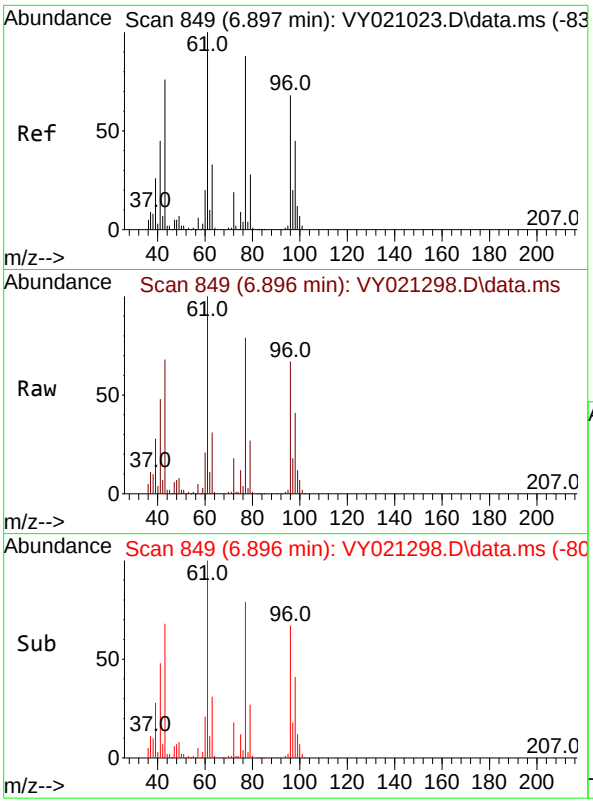


#26
2,2-Dichloropropane
Concen: 48.309 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 77 Resp: 110775

Ion	Ratio	Lower	Upper
77	100		
97	22.0	11.7	35.0

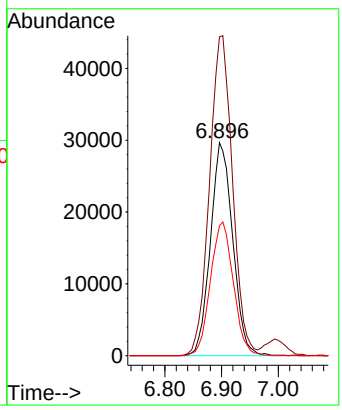




#27
cis-1,2-Dichloroethene
Concen: 52.612 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 96 Resp: 8116

Ion	Ratio	Lower	Upper
96	100		
61	154.5	0.0	278.8
98	64.4	0.0	127.0



Instrument :
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ClientSampleId :
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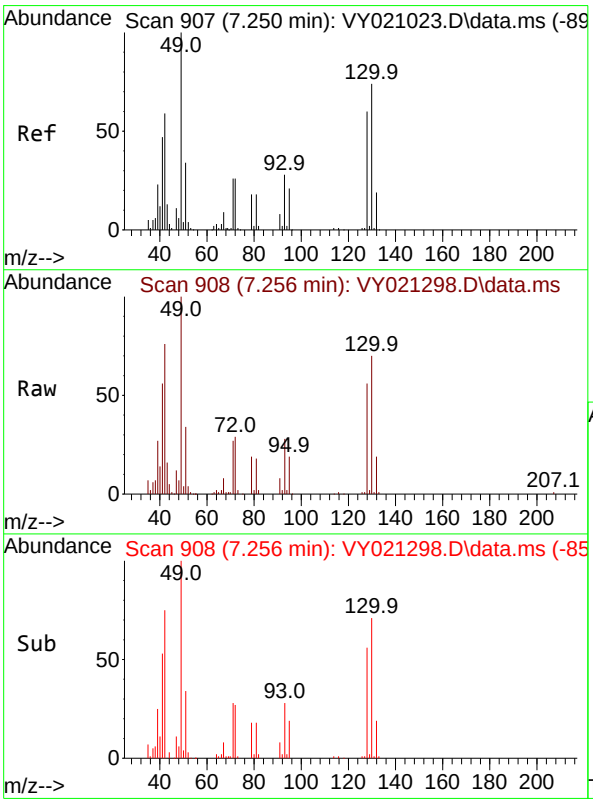
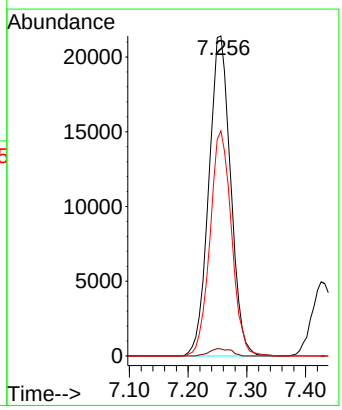
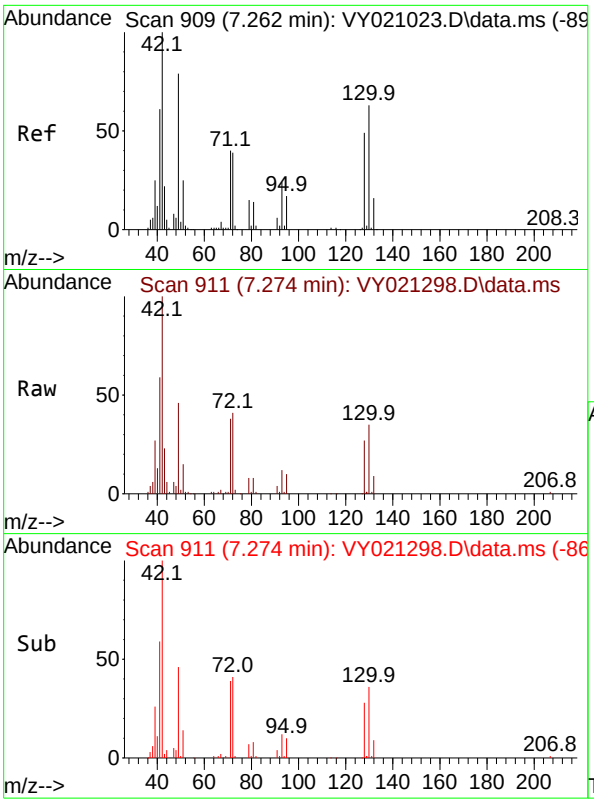


#28
Bromochloromethane
Concen: 56.218 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 49 Resp: 55091

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	3.8
130	69.4	59.8	89.8

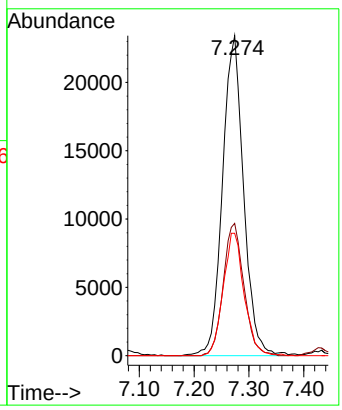




#29
Tetrahydrofuran
Concen: 275.466 ug/l
RT: 7.274 min Scan# 9
Delta R.T. 0.012 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 42 Resp: 6249

Ion	Ratio	Lower	Upper
42	100		
72	40.6	36.6	54.8
71	38.0	33.8	50.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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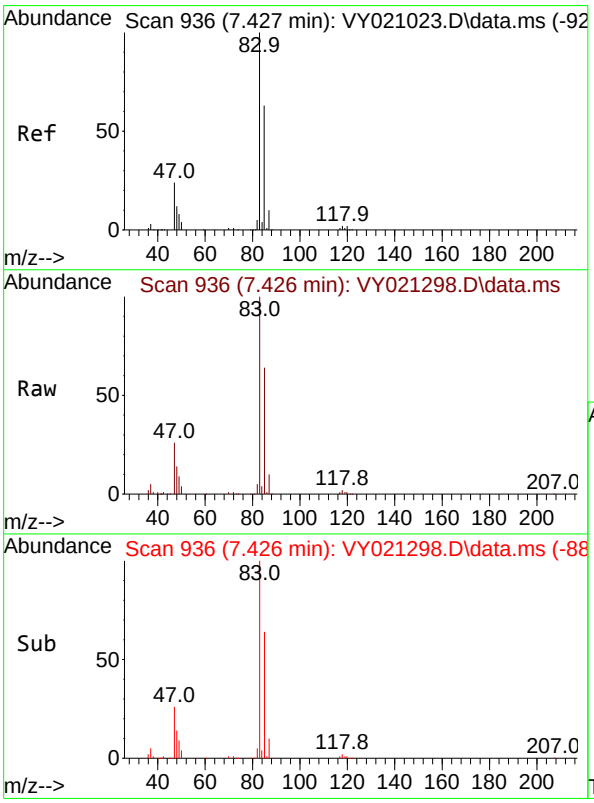
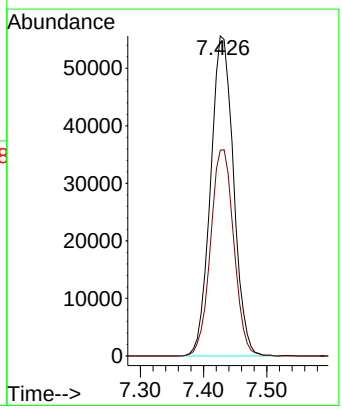
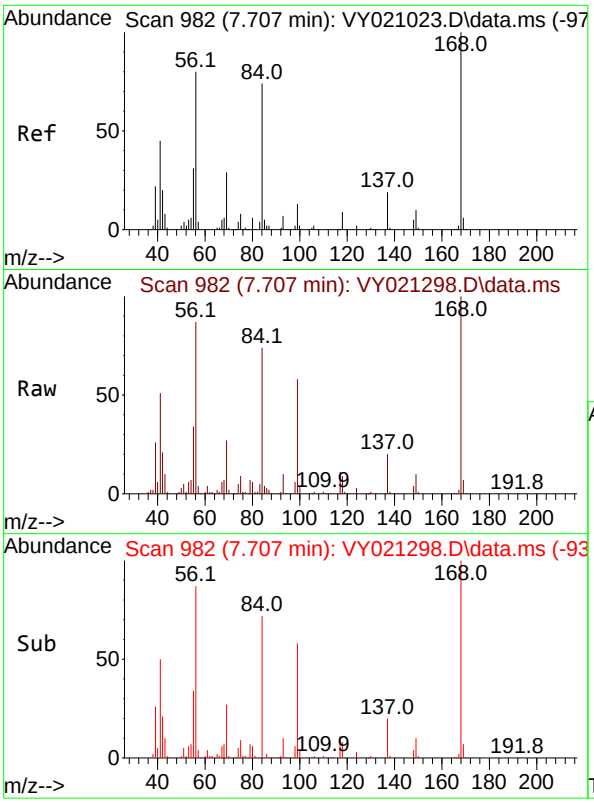


#30
Chloroform
Concen: 55.027 ug/l
RT: 7.426 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 83 Resp: 140070

Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.2	76.8

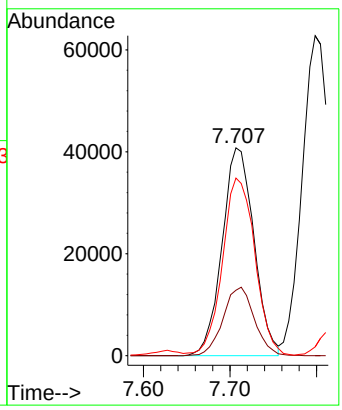




#31
Cyclohexane
Concen: 46.649 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 56 Resp: 10410

Ion	Ratio	Lower	Upper
56	100		
69	31.5	27.0	40.6
84	83.8	71.8	107.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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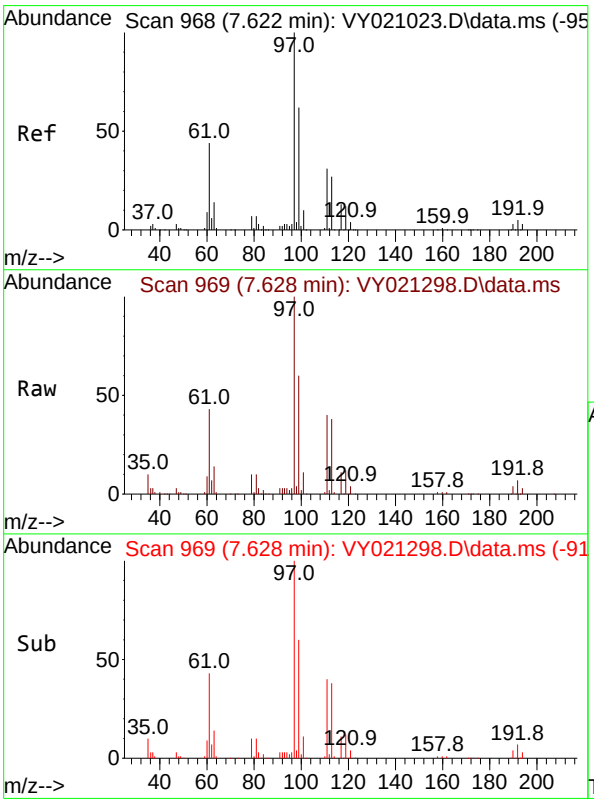
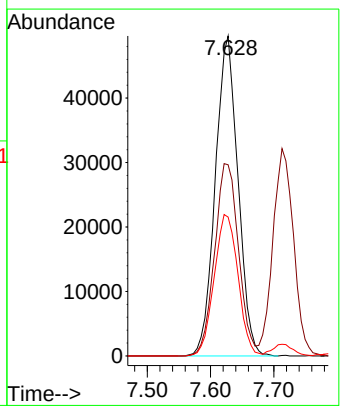
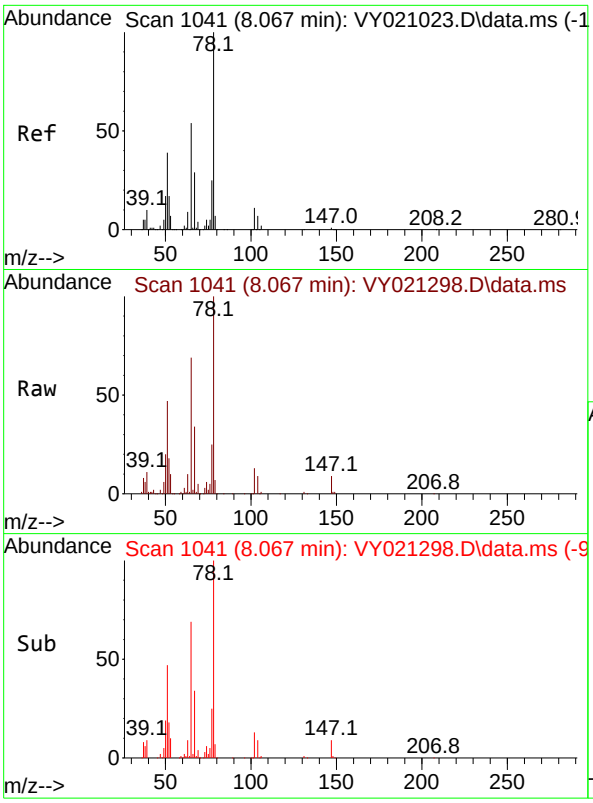


#32
1,1,1-Trichloroethane
Concen: 52.224 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 97 Resp: 123595

Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.2	76.8
61	46.4	35.0	52.6

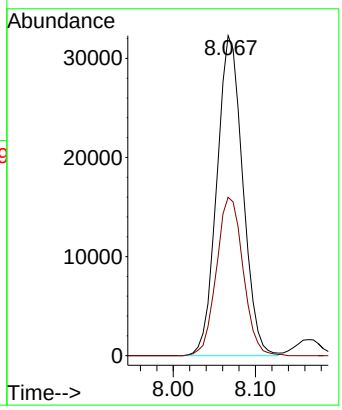




#33
1,2-Dichloroethane-d4
Concen: 54.125 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 65 Resp: 7081

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	109.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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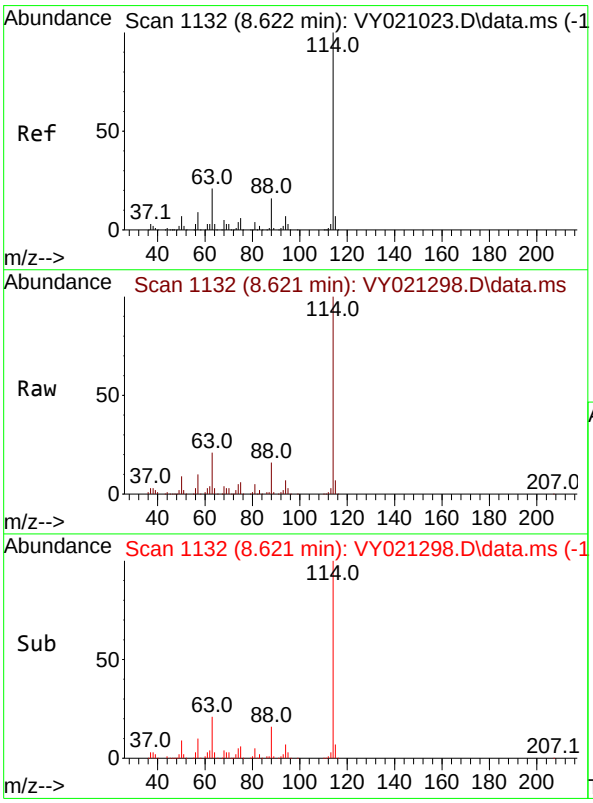
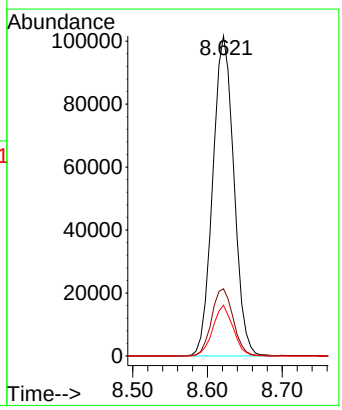
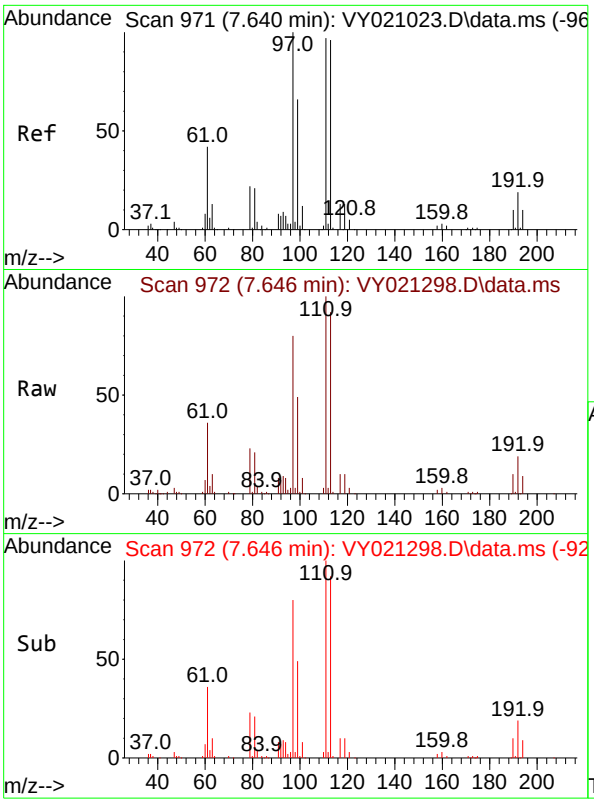


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.621 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:114 Resp: 200243

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	37.4
88	15.8	0.0	29.0

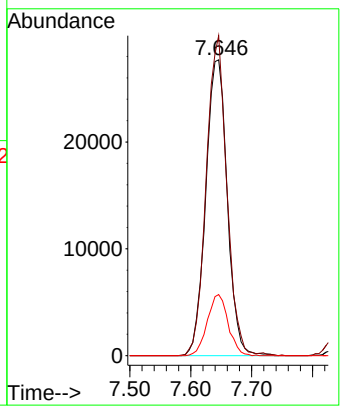




#35
Dibromofluoromethane
Concen: 53.011 ug/l
RT: 7.646 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:113 Resp: 6802

Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.8	125.6
192	20.0	14.5	21.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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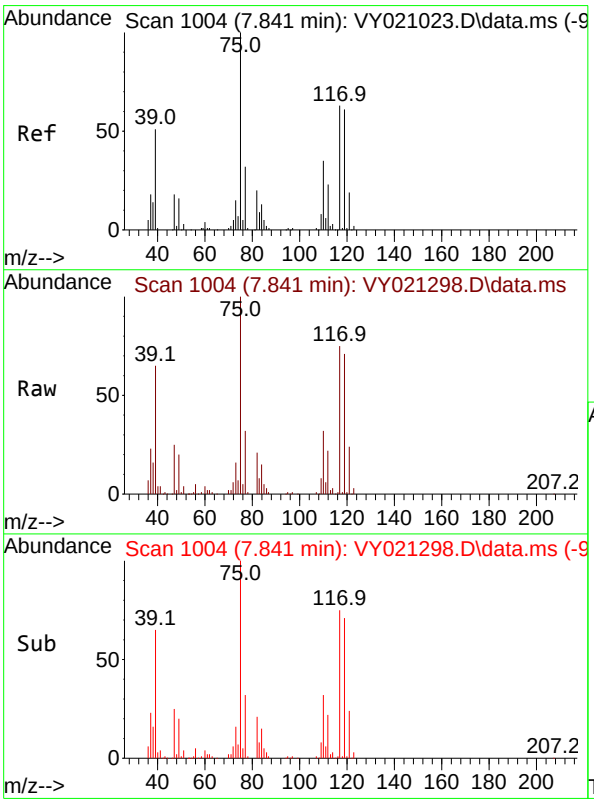
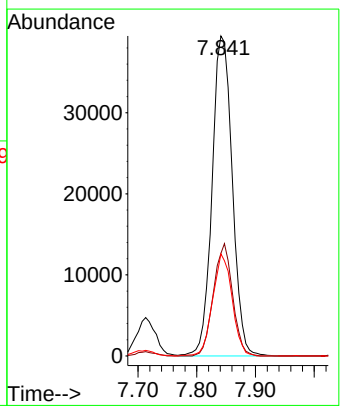
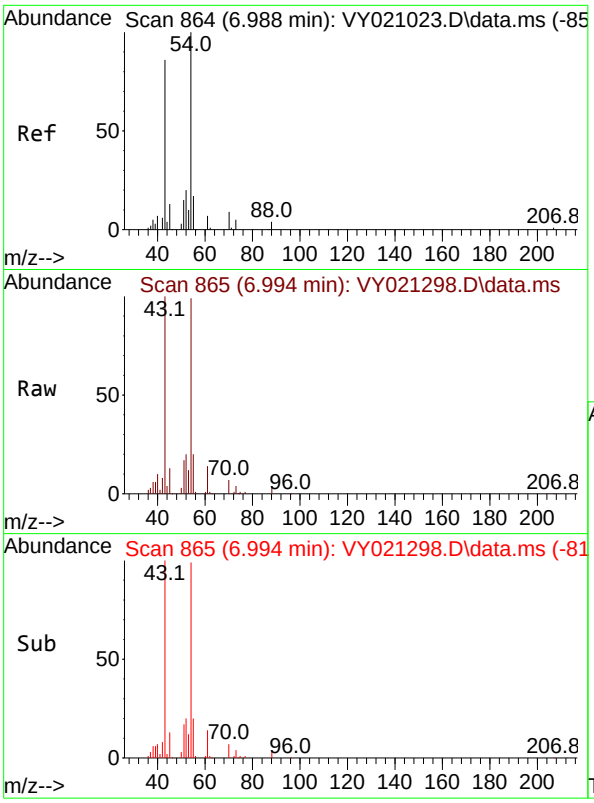


#36
1,1-Dichloropropene
Concen: 49.653 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 75 Resp: 94379

Ion	Ratio	Lower	Upper
75	100		
110	33.3	17.4	52.3
77	30.8	24.7	37.1





#37
Ethyl Acetate
Concen: 53.780 ug/l
RT: 6.994 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 43 Resp: 4484

Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.0	16.6
70	8.8	8.1	12.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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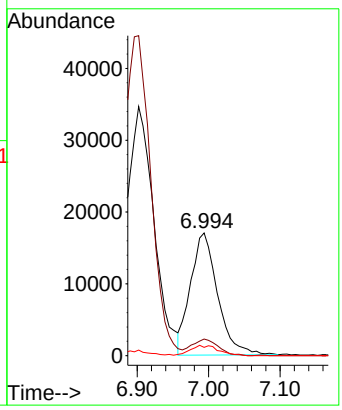
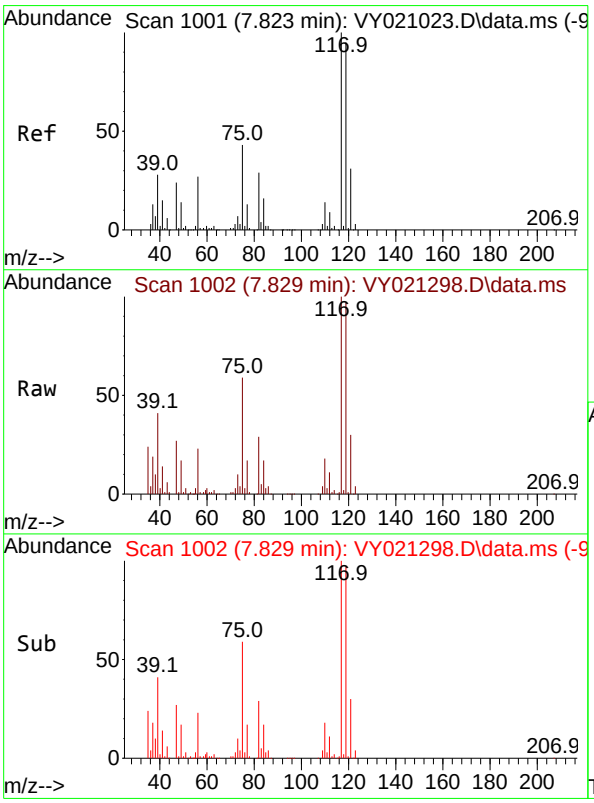
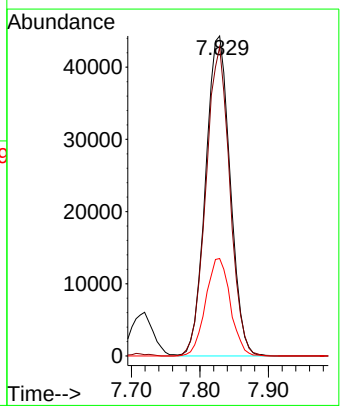


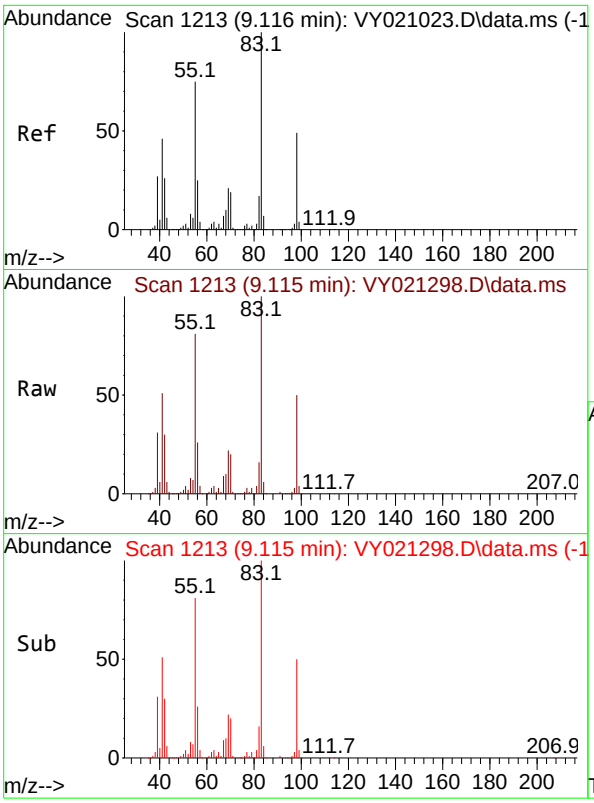


#38
Carbon Tetrachloride
Concen: 49.712 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:117 Resp: 110409

Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.0	114.0
121	30.4	24.2	36.2





#39
Methylcyclohexane
Concen: 47.400 ug/l
RT: 9.115 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

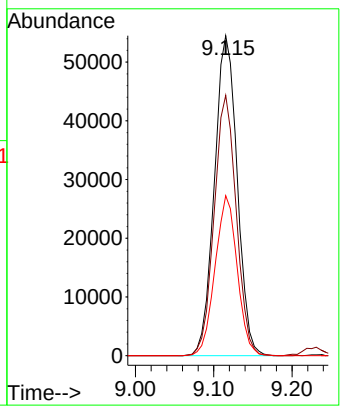
Tgt Ion: 83 Resp: 11020

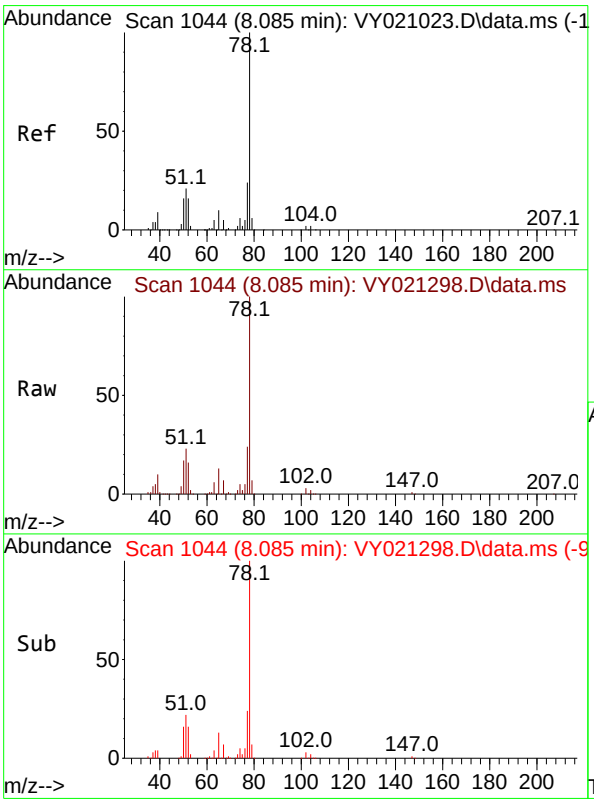
Ion	Ratio	Lower	Upper
83	100		
55	81.4	59.7	89.5
98	50.0	38.0	57.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

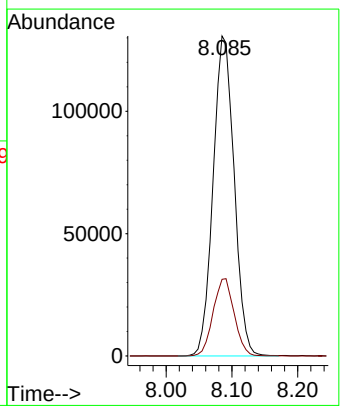


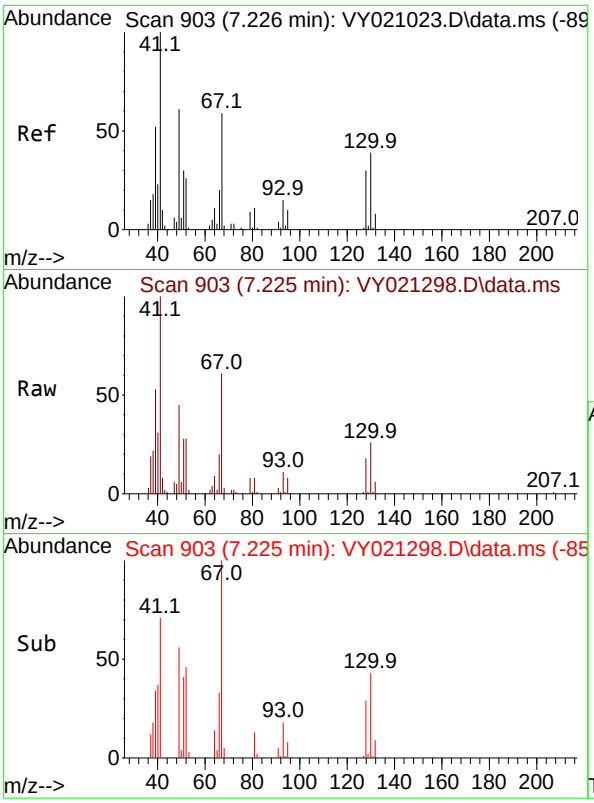


#40
Benzene
Concen: 52.236 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 78 Resp: 291377

Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2

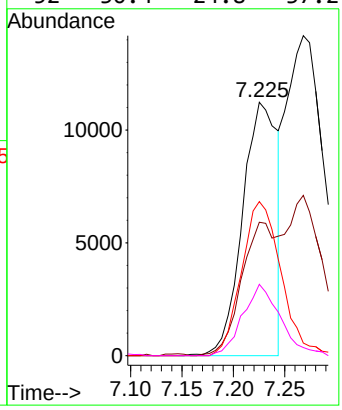




#41
Methacrylonitrile
Concen: 54.835 ug/l
RT: 7.225 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 41 Resp: 2645

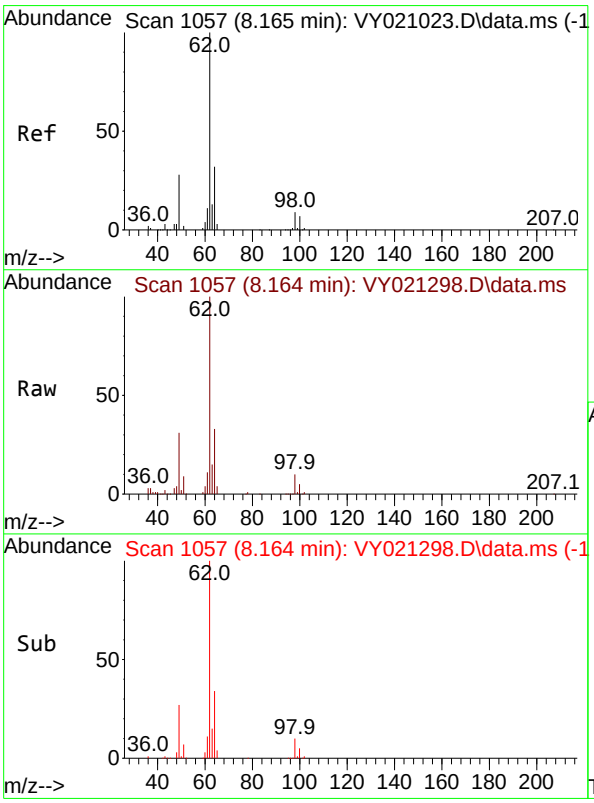
Ion	Ratio	Lower	Upper
41	100		
39	53.9	41.9	62.9
67	69.4	59.8	89.6
52	30.4	24.8	37.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

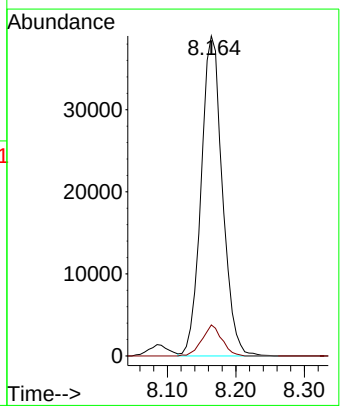
Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

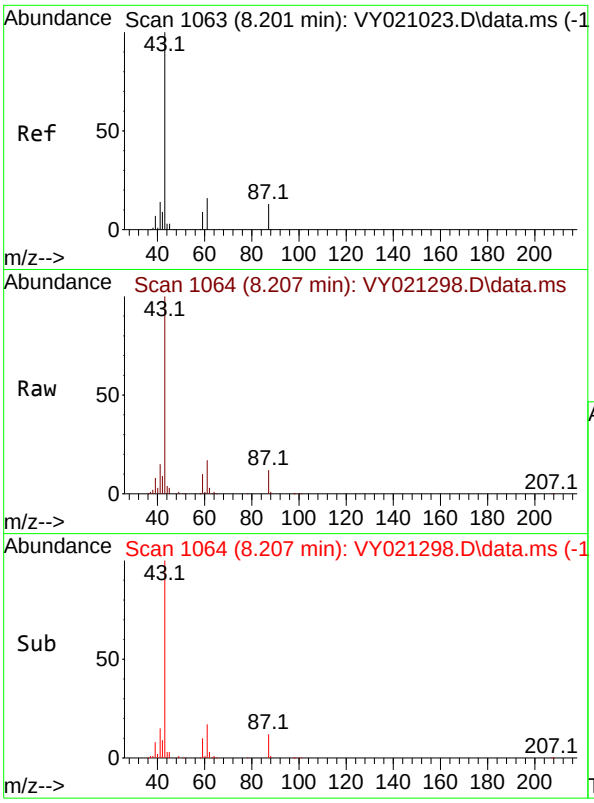


#42
1,2-Dichloroethane
Concen: 54.531 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 62 Resp: 84380

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	20.2

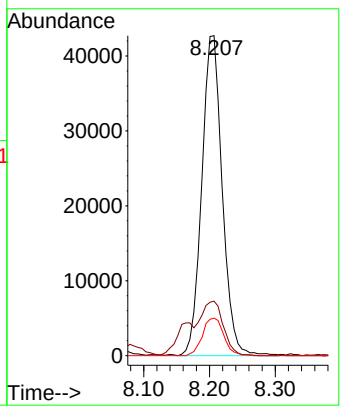




#43
Isopropyl Acetate
Concen: 55.868 ug/l
RT: 8.207 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 43 Resp: 9256

Ion	Ratio	Lower	Upper
43	100		
61	19.0	24.8	37.2
87	12.2	10.7	16.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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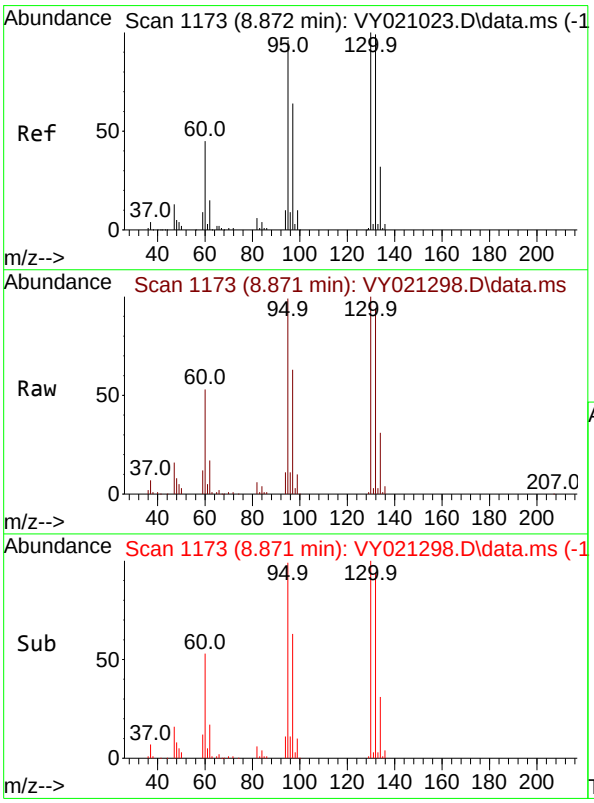
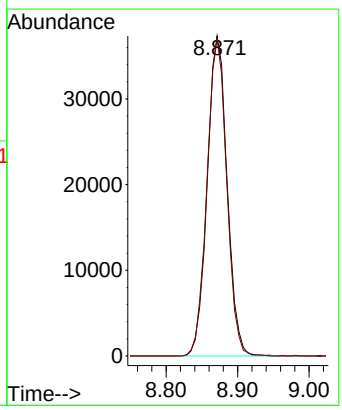
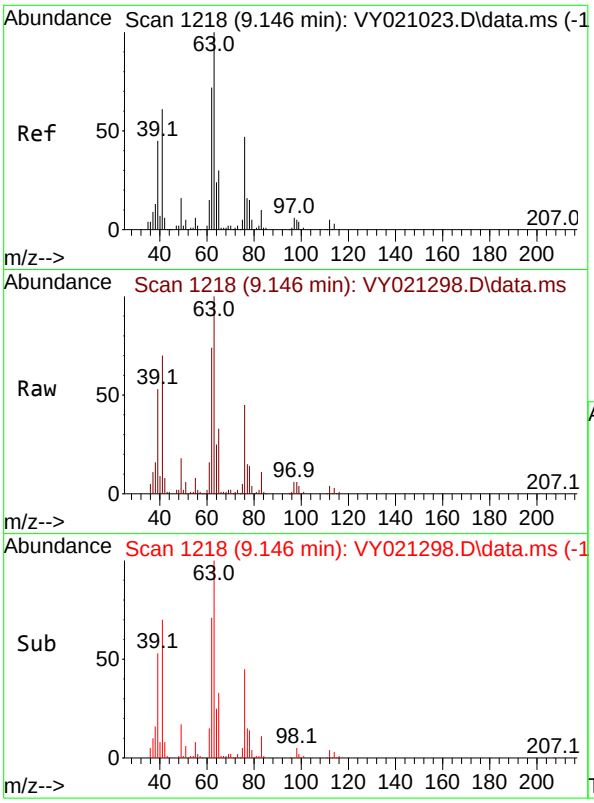


#44
Trichloroethene
Concen: 50.025 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:130 Resp: 72094

Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	203.8

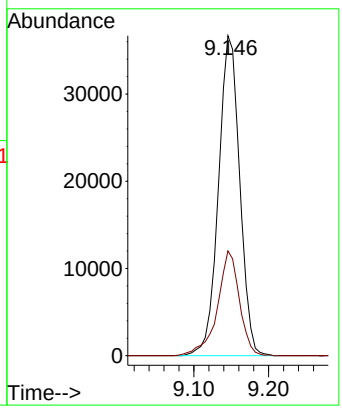




#45
1,2-Dichloropropane
Concen: 54.816 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 63 Resp: 7257

Ion	Ratio	Lower	Upper
63	100		
65	32.7	24.6	36.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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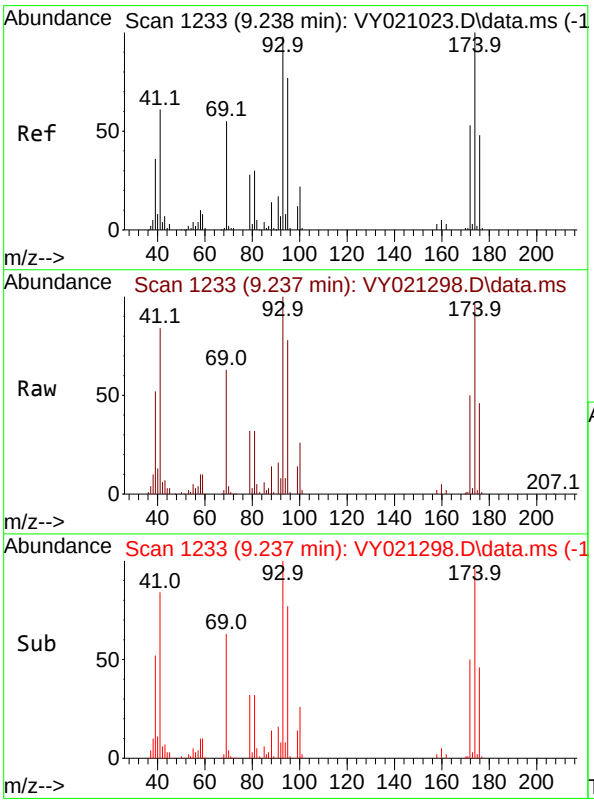
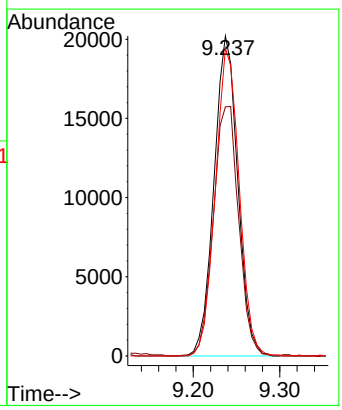
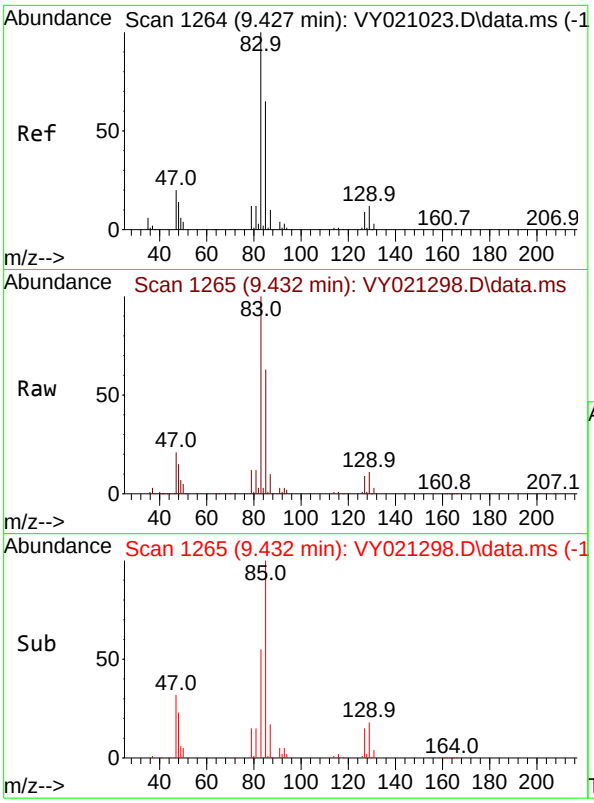


#46
Dibromomethane
Concen: 52.478 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 93 Resp: 38469

Ion	Ratio	Lower	Upper
93	100		
95	83.1	66.6	99.8
174	96.5	73.8	110.6

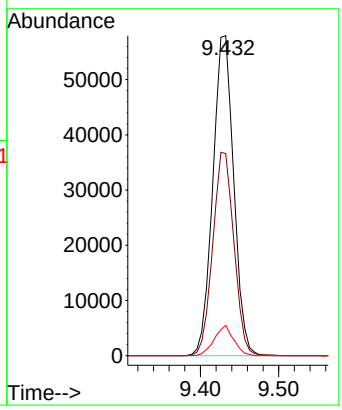




#47
Bromodichloromethane
Concen: 54.647 ug/l
RT: 9.432 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 83 Resp: 10743

Ion	Ratio	Lower	Upper
83	100		
85	63.1	53.2	79.8
127	9.5	6.4	9.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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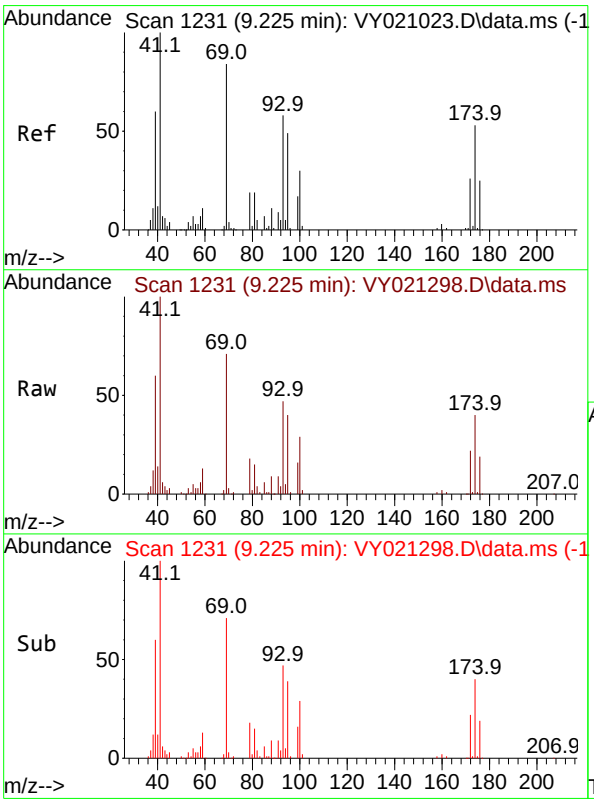
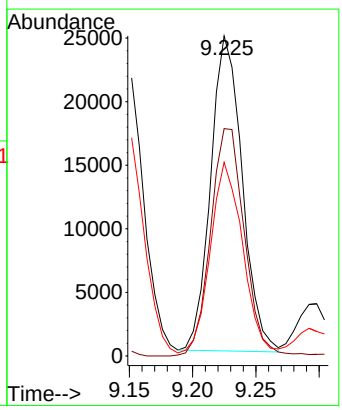
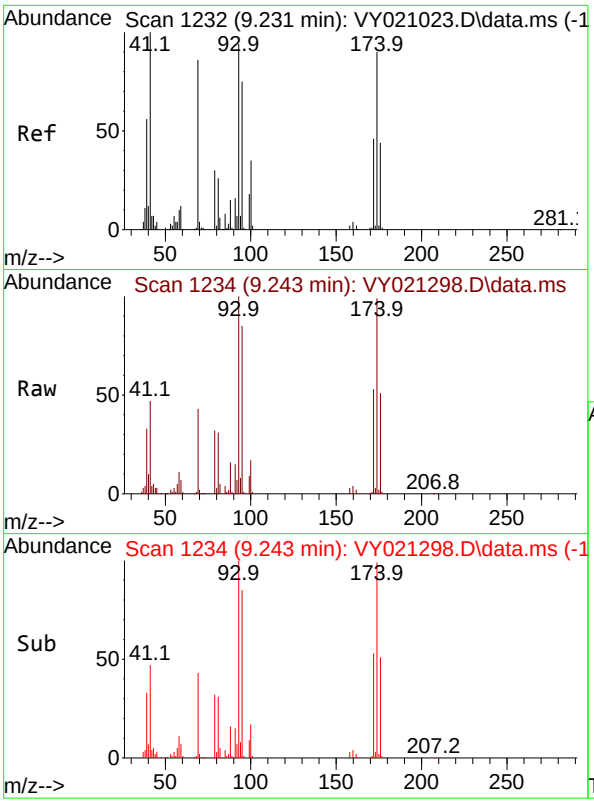


#48
Methyl methacrylate
Concen: 56.886 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 41 Resp: 42933

Ion	Ratio	Lower	Upper
41	100		
69	77.8	72.1	108.1
39	61.9	42.8	64.2





#49
1,4-Dioxane
Concen: 1109.293 ug/l
RT: 9.243 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 88 Resp: 757

Ion	Ratio	Lower	Upper
88	100		
43	36.1	28.2	42.4
58	73.6	52.2	78.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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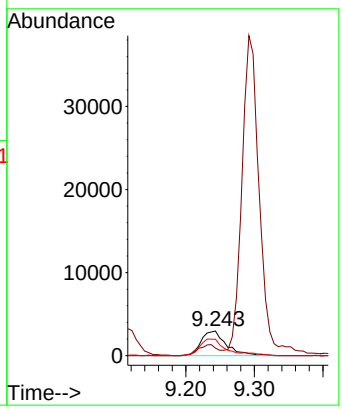
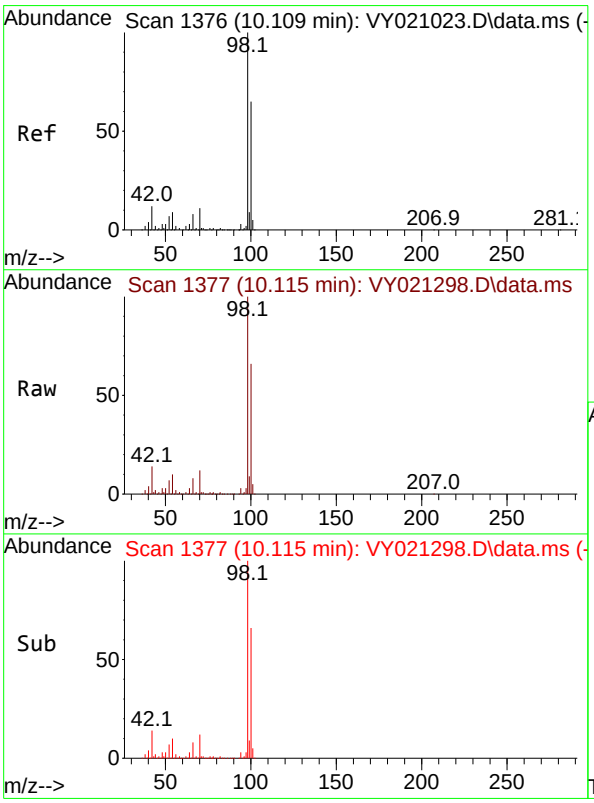
Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

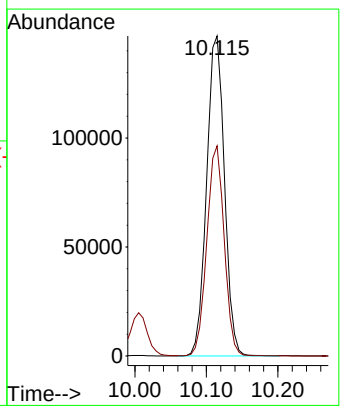


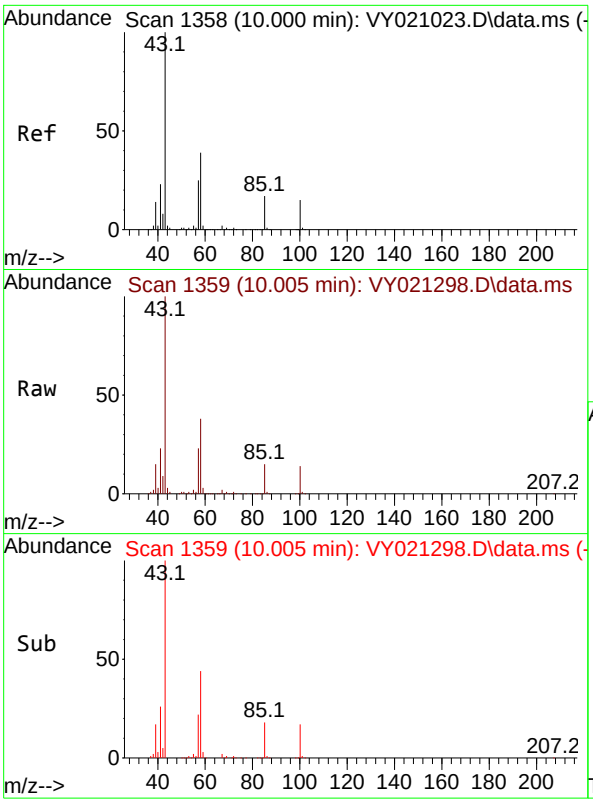


#50
Toluene-d8
Concen: 51.928 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 98 Resp: 253697

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.3	78.5

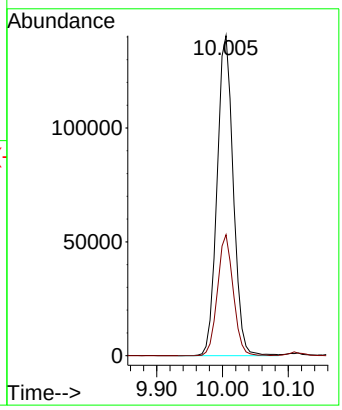




#51
4-Methyl-2-Pentanone
Concen: 288.857 ug/l
RT: 10.005 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 43 Resp: 24067

Ion	Ratio	Lower	Upper
43	100		
58	36.8	32.2	48.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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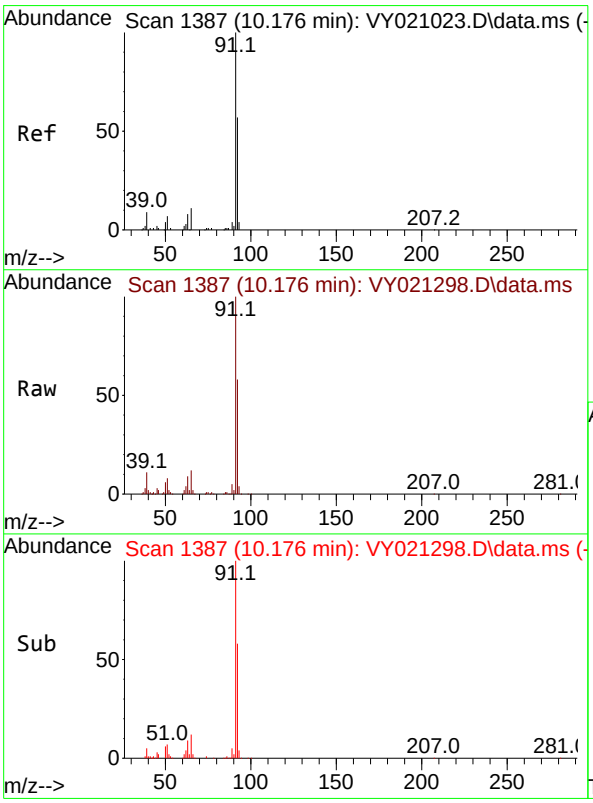
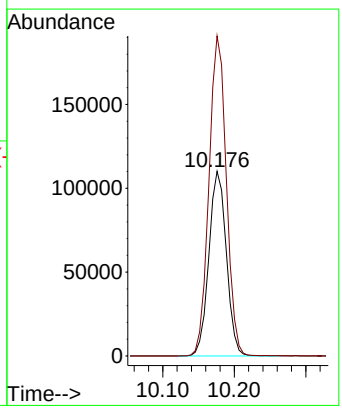
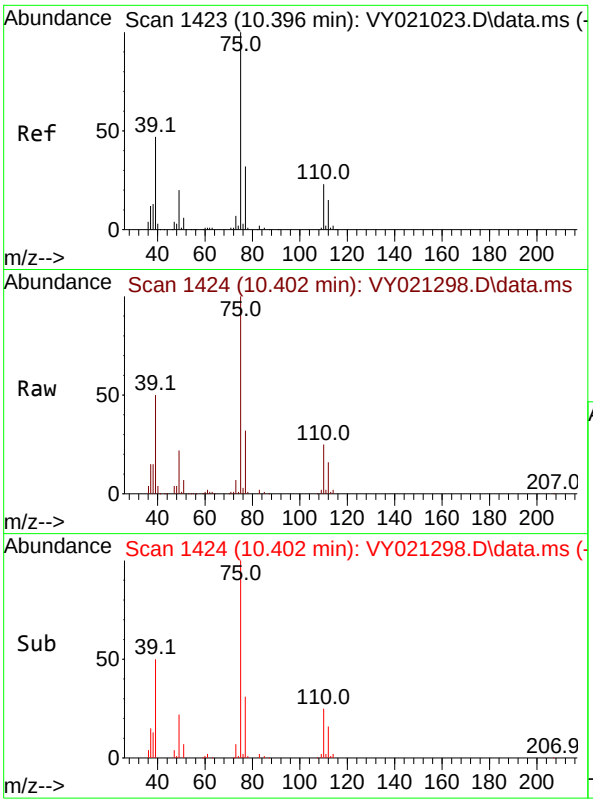


#52
Toluene
Concen: 53.357 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 92 Resp: 186882

Ion	Ratio	Lower	Upper
92	100		
91	172.4	137.6	206.4





#53
t-1,3-Dichloropropene
Concen: 53.768 ug/l
RT: 10.402 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 75 Resp: 9491

Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.6	36.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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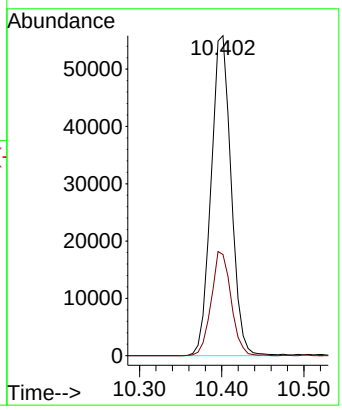
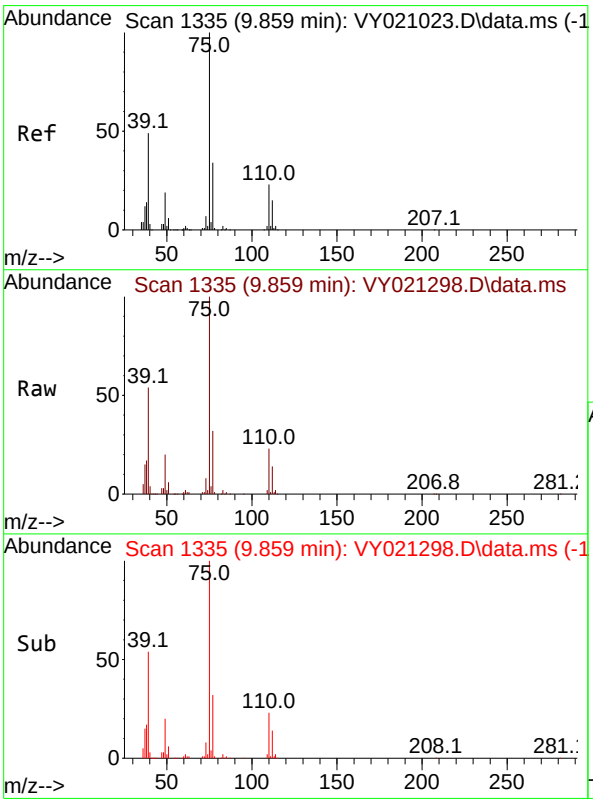
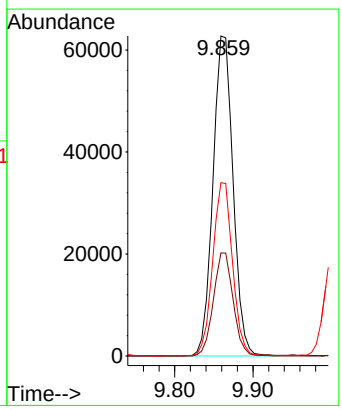


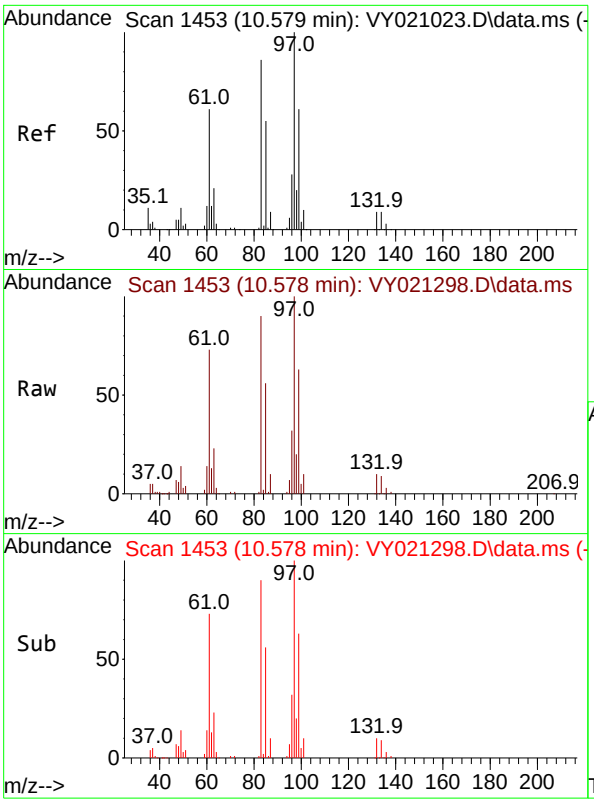


#54
cis-1,3-Dichloropropene
Concen: 53.589 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 75 Resp: 112011

Ion	Ratio	Lower	Upper
75	100		
77	32.2	24.6	36.8
39	54.1	33.6	50.4#

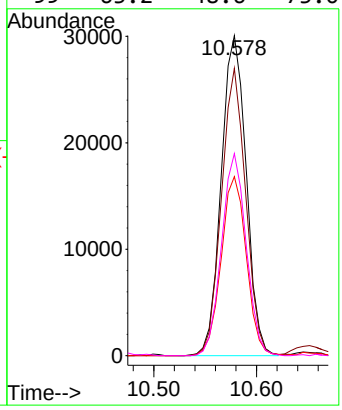




#55
1,1,2-Trichloroethane
Concen: 53.484 ug/l
RT: 10.578 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 97 Resp: 5077

Ion	Ratio	Lower	Upper
97	100		
83	89.8	69.4	104.2
85	56.0	43.9	65.9
99	63.2	48.6	73.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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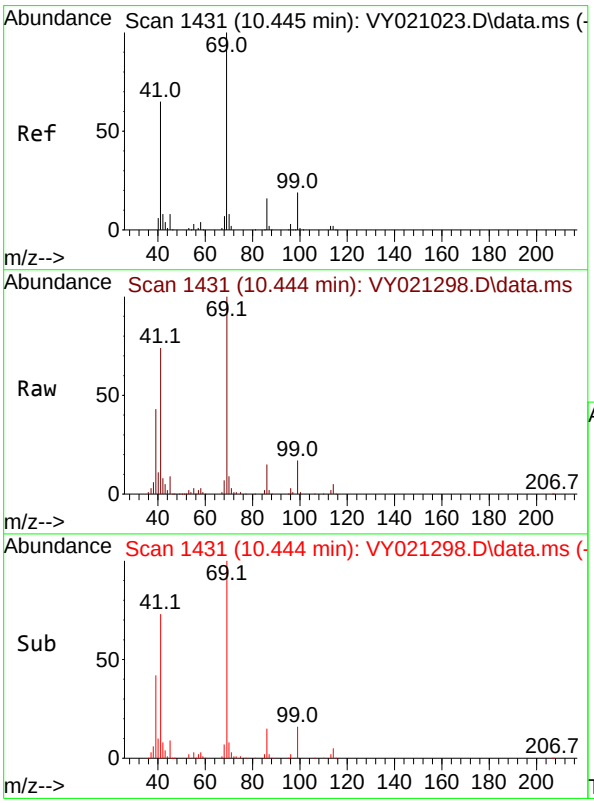
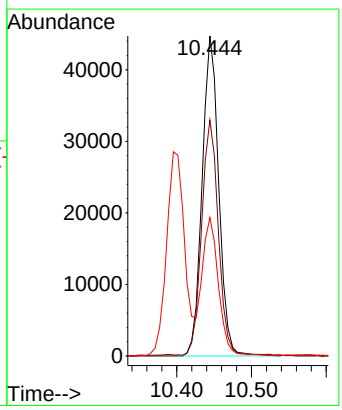
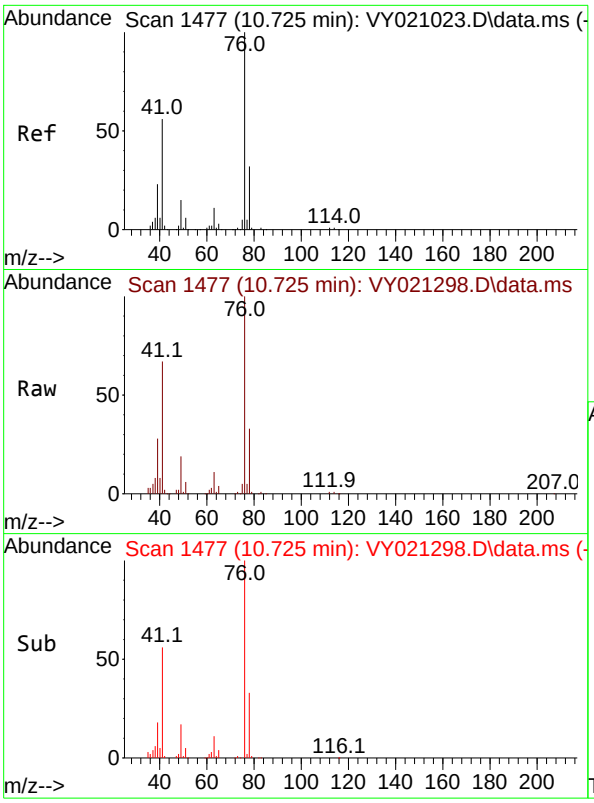


#56
Ethyl methacrylate
Concen: 54.350 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 69 Resp: 69019

Ion	Ratio	Lower	Upper
69	100		
41	74.0	49.2	73.8#
39	41.6	26.8	40.2#





#57
1,3-Dichloropropane
Concen: 54.331 ug/l
RT: 10.725 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 76 Resp: 8926

Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.1	39.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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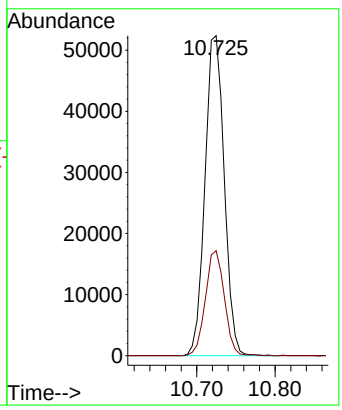
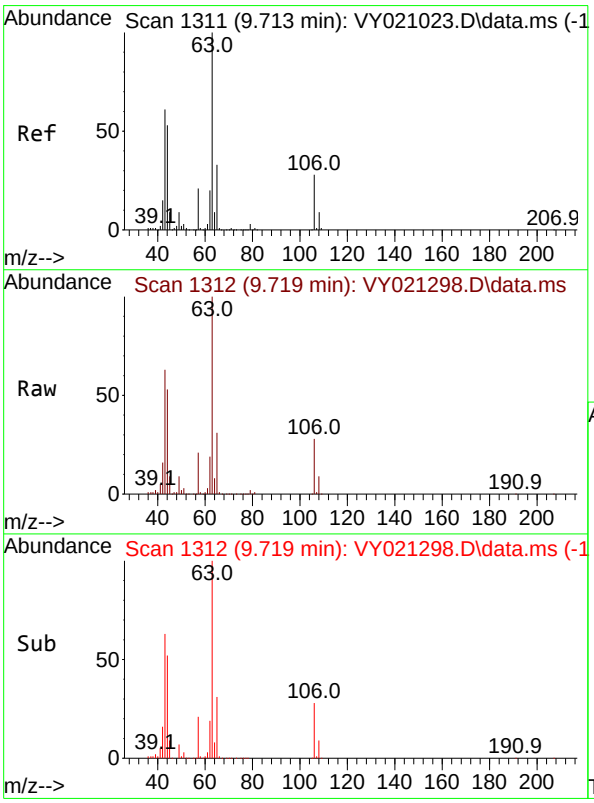
Supervised By :Mahesh Dadoda 02/28/2025

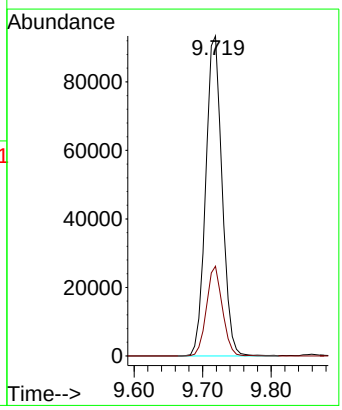


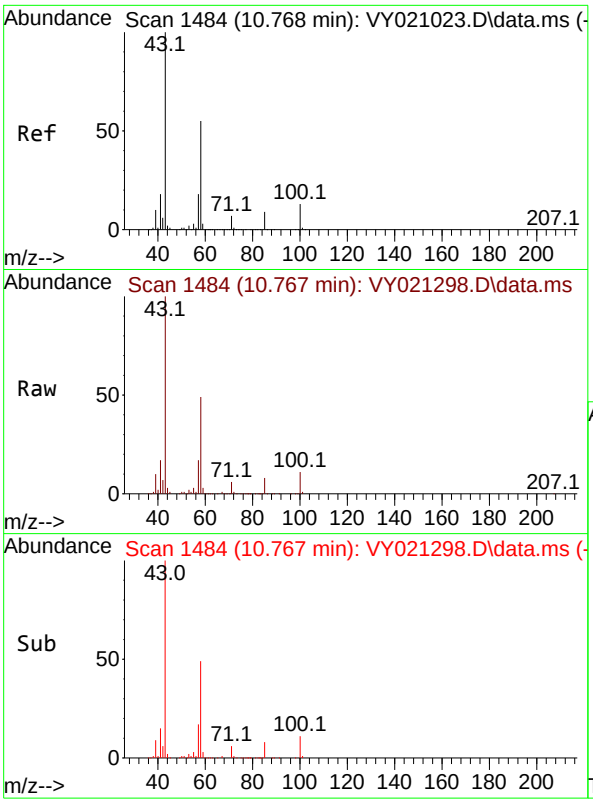


#58
2-Chloroethyl Vinyl ether
Concen: 256.535 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 63 Resp: 154985

Ion	Ratio	Lower	Upper
63	100		
106	27.3	22.4	33.6





#59
2-Hexanone
Concen: 296.700 ug/l
RT: 10.767 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 43 Resp: 15916

Ion	Ratio	Lower	Upper
43	100		
58	50.6	28.1	84.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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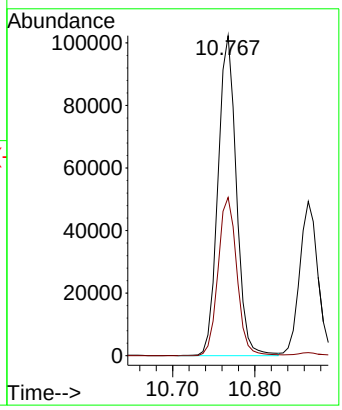
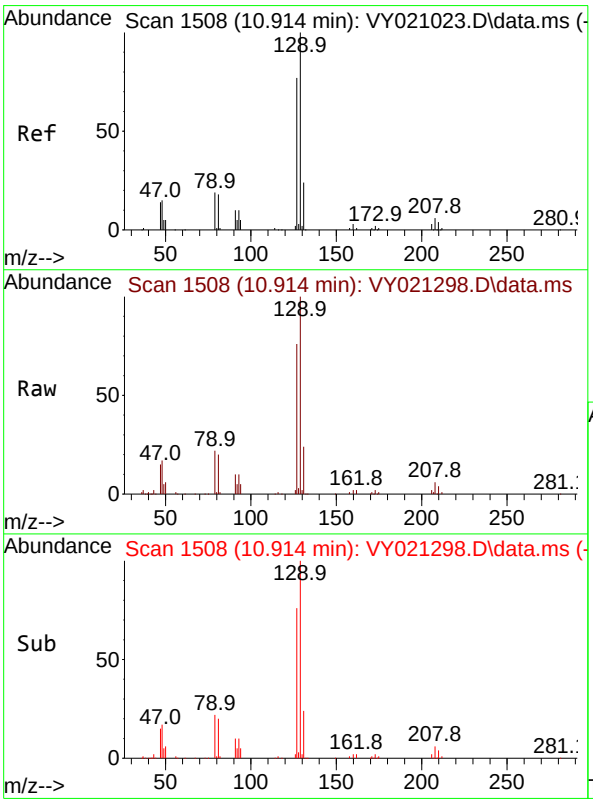
Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

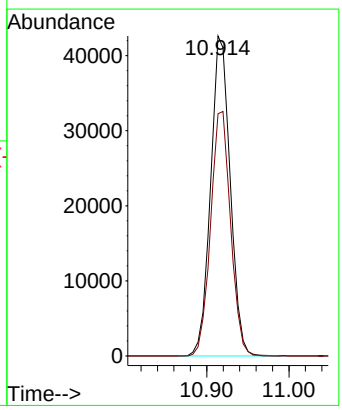


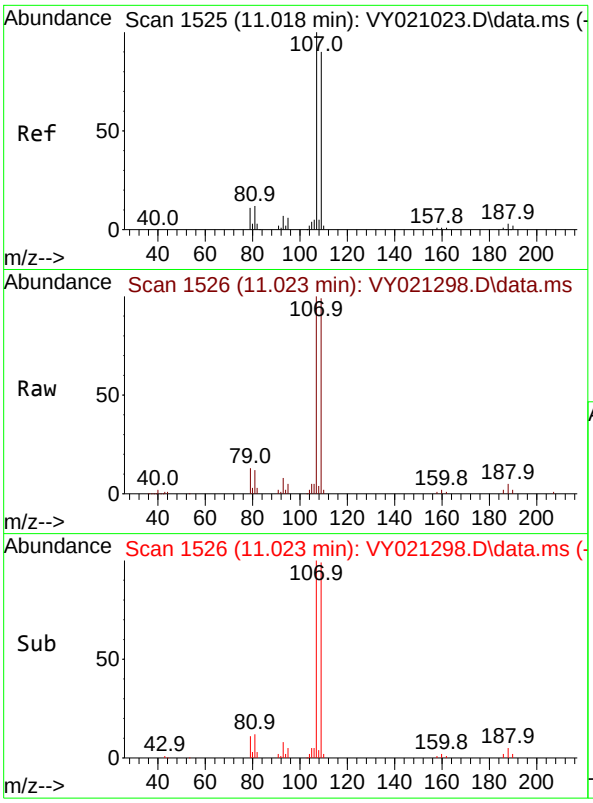


#60
Dibromochloromethane
Concen: 52.855 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:129 Resp: 70461

Ion	Ratio	Lower	Upper
129	100		
127	77.9	39.2	117.6

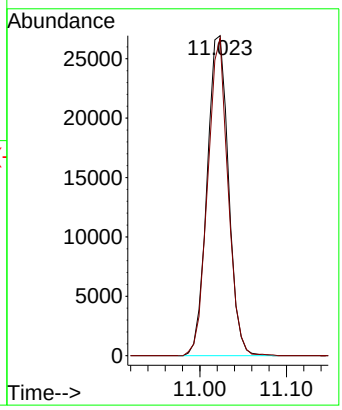




#61
1,2-Dibromoethane
Concen: 51.889 ug/l
RT: 11.023 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:107 Resp: 4613

Ion	Ratio	Lower	Upper
107	100		
109	94.3	75.4	113.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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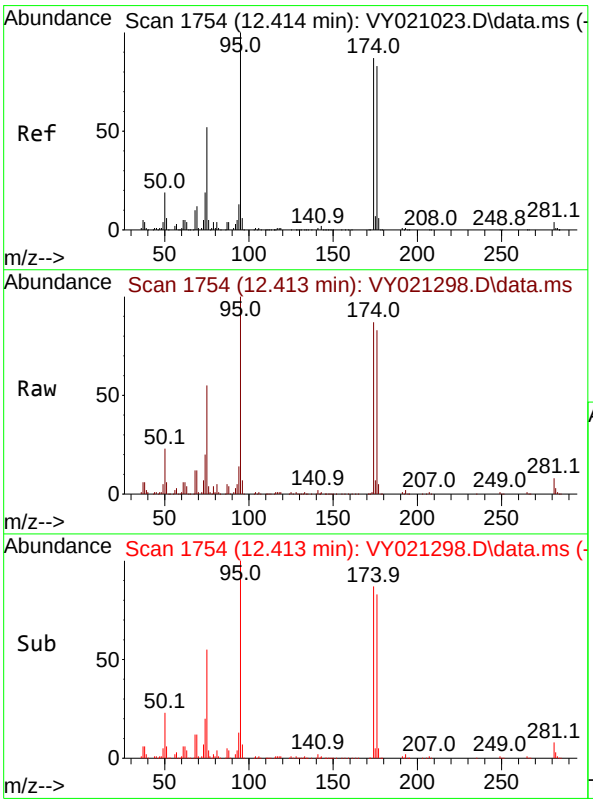
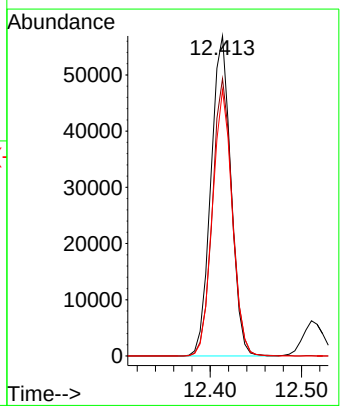
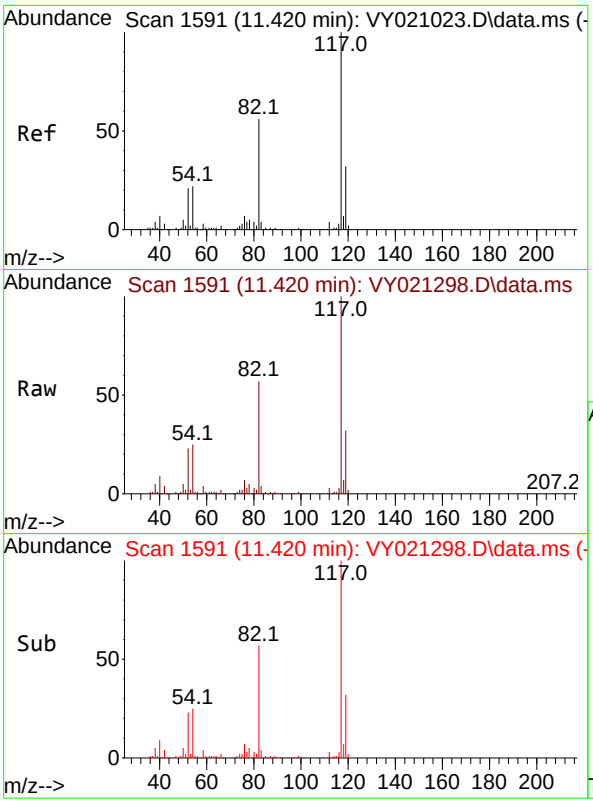


#62
4-Bromofluorobenzene
Concen: 54.149 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 95 Resp: 86427

Ion	Ratio	Lower	Upper
95	100		
174	85.7	0.0	160.0
176	82.5	0.0	151.8

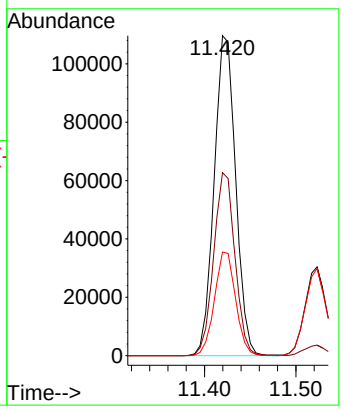




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:117 Resp: 17939

Ion	Ratio	Lower	Upper
117	100		
82	57.2	43.8	65.8
119	32.4	26.5	39.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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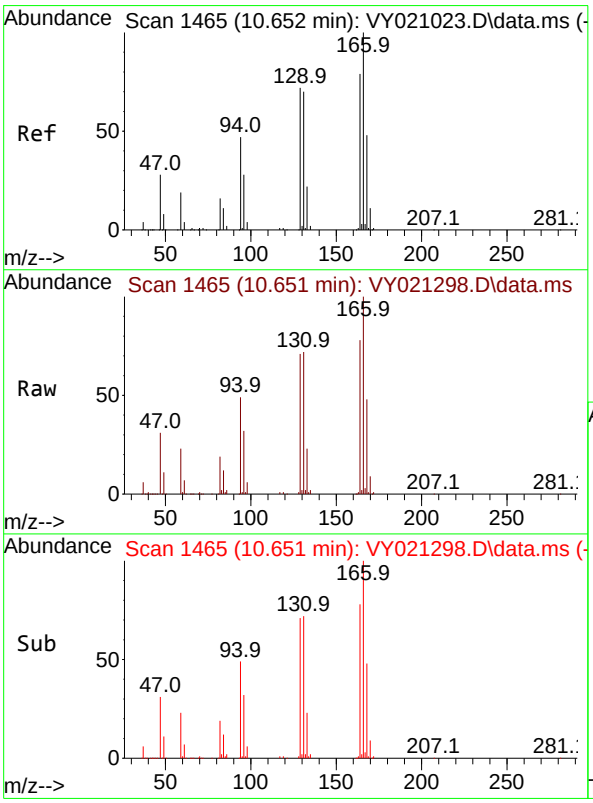
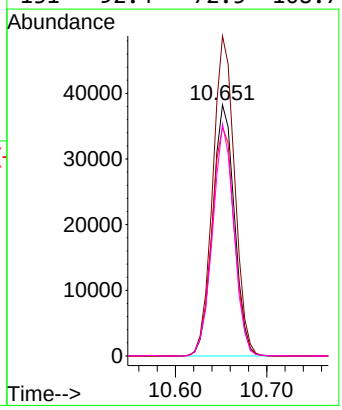
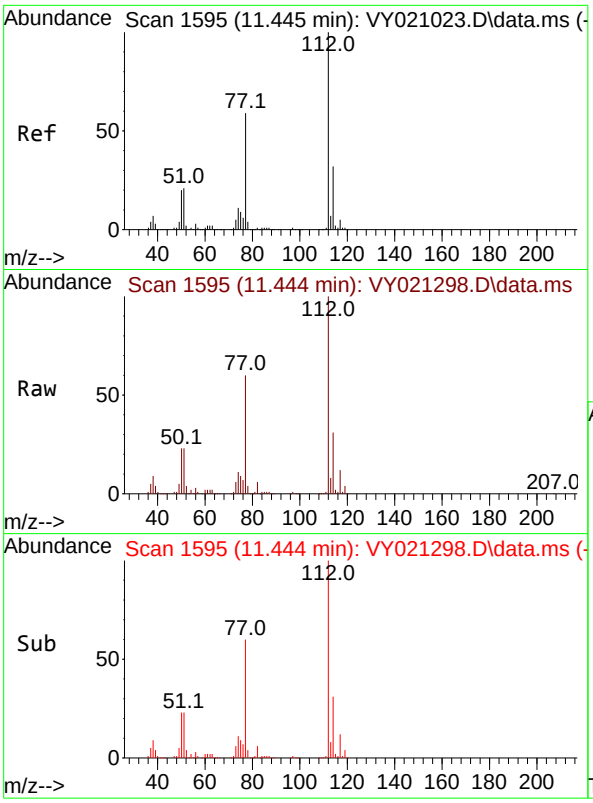


#64
Tetrachloroethene
Concen: 47.707 ug/l
RT: 10.651 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:164 Resp: 63533

Ion	Ratio	Lower	Upper
164	100		
166	127.5	98.8	148.2
129	91.1	78.9	118.3
131	92.4	72.5	108.7





#65
Chlorobenzene
Concen: 50.154 ug/l
RT: 11.444 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:112 Resp: 20034

Ion	Ratio	Lower	Upper
112	100		
114	31.1	26.1	39.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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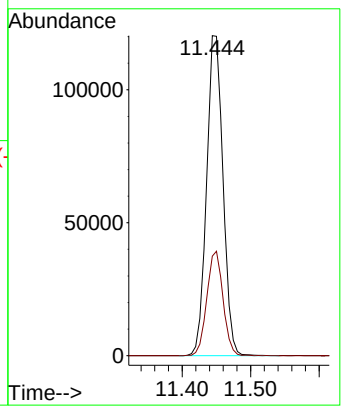
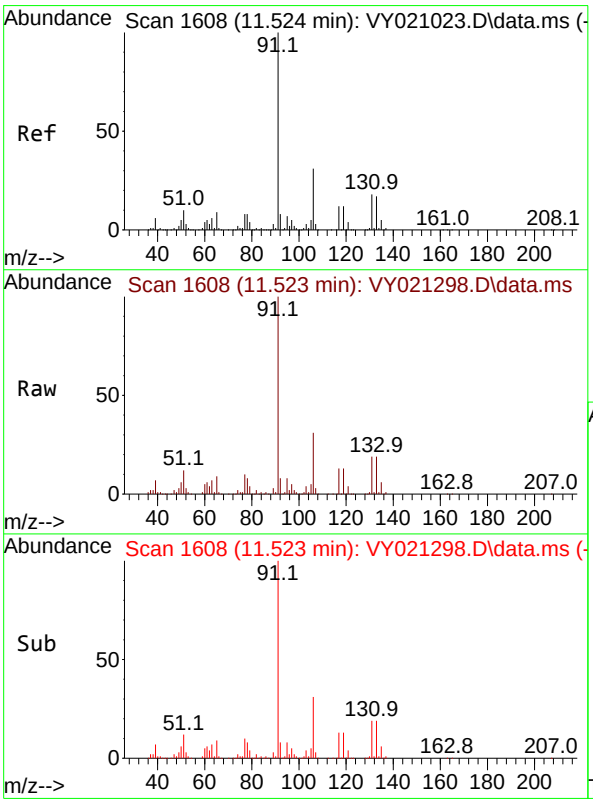
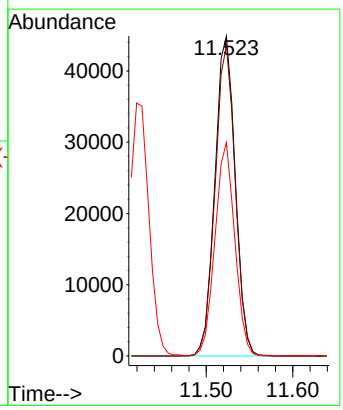


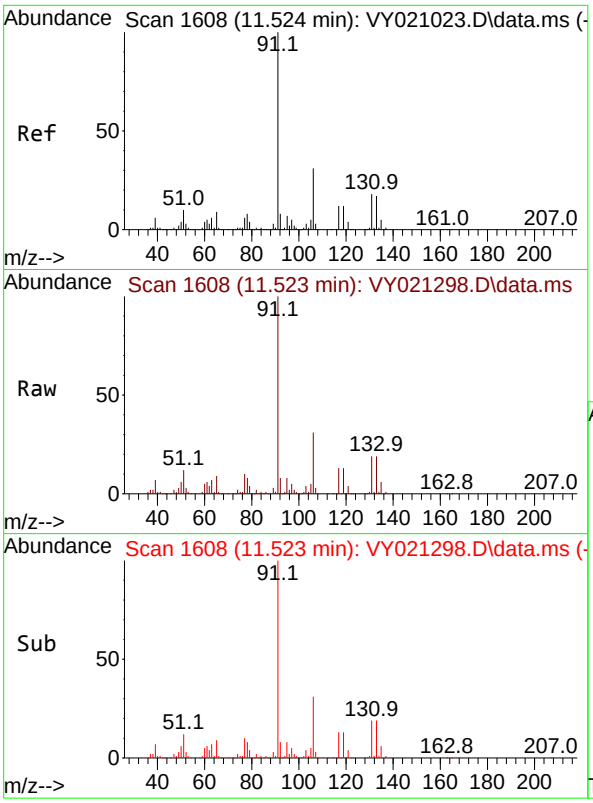


#66
1,1,1,2-Tetrachloroethane
Concen: 51.667 ug/l
RT: 11.523 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:131 Resp: 73344

Ion	Ratio	Lower	Upper
131	100		
133	96.0	47.0	141.0
119	64.9	33.3	99.9

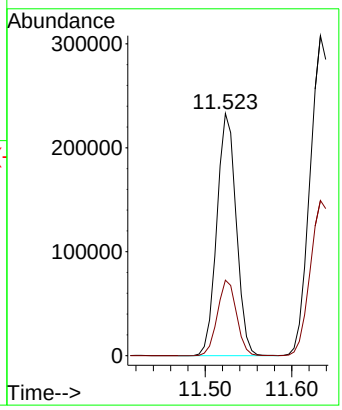




#67
Ethyl Benzene
Concen: 51.210 ug/l
RT: 11.523 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 91 Resp: 36181

Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.0	37.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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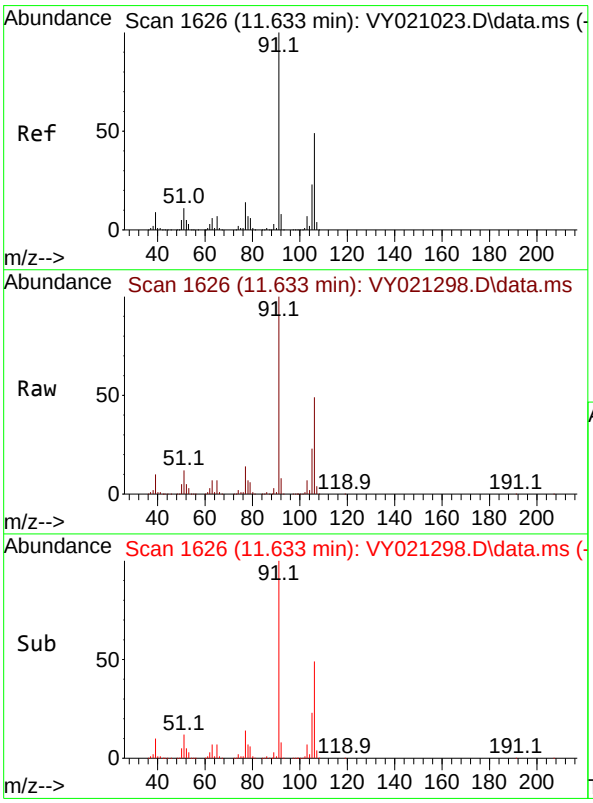
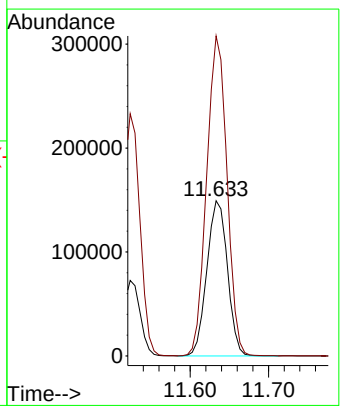
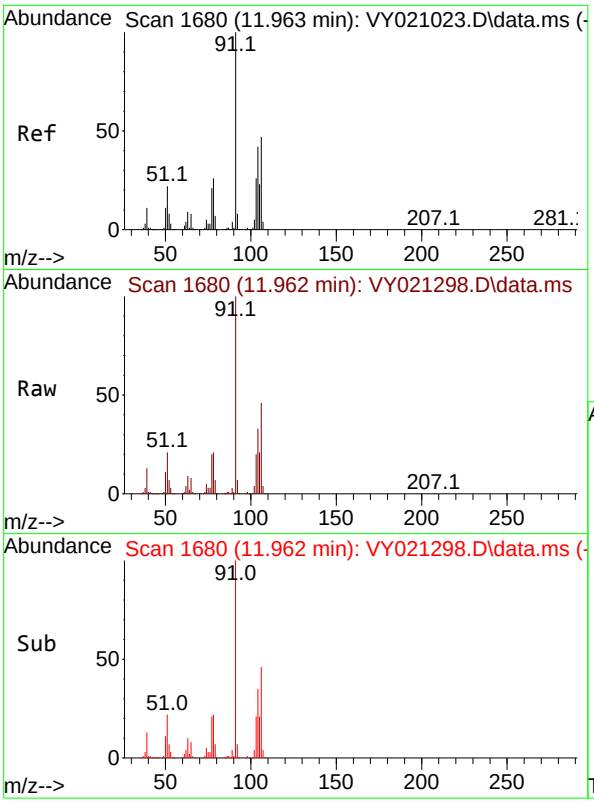


#68
m/p-Xylenes
Concen: 102.873 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:106 Resp: 271905

Ion	Ratio	Lower	Upper
106	100		
91	203.9	160.7	241.1

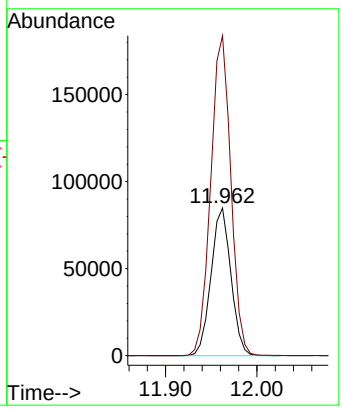




#69
o-Xylene
Concen: 52.018 ug/l
RT: 11.962 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:106 Resp: 12818

Ion	Ratio	Lower	Upper
106	100		
91	219.3	106.5	319.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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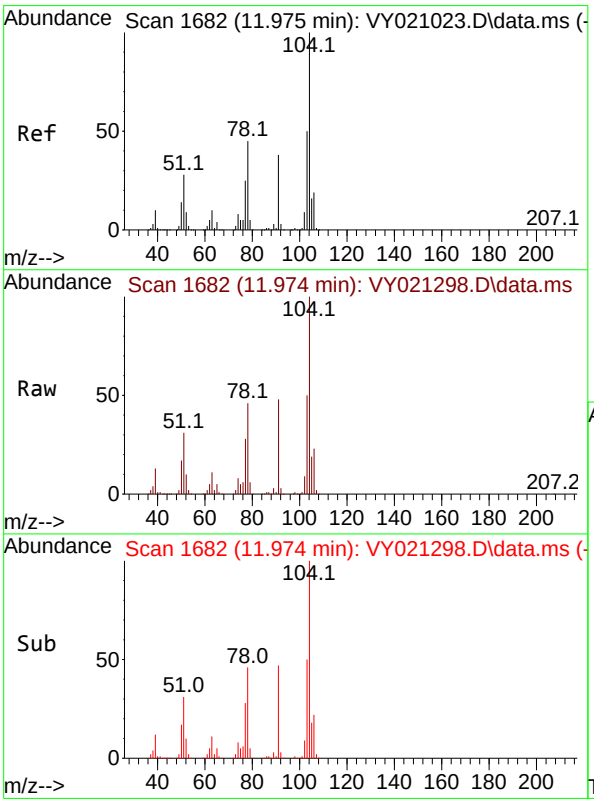
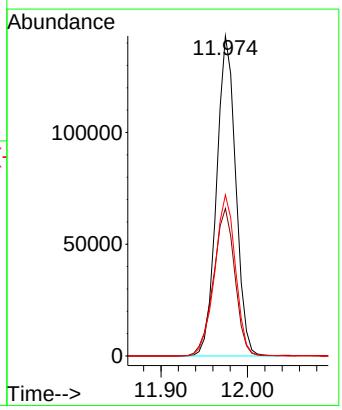
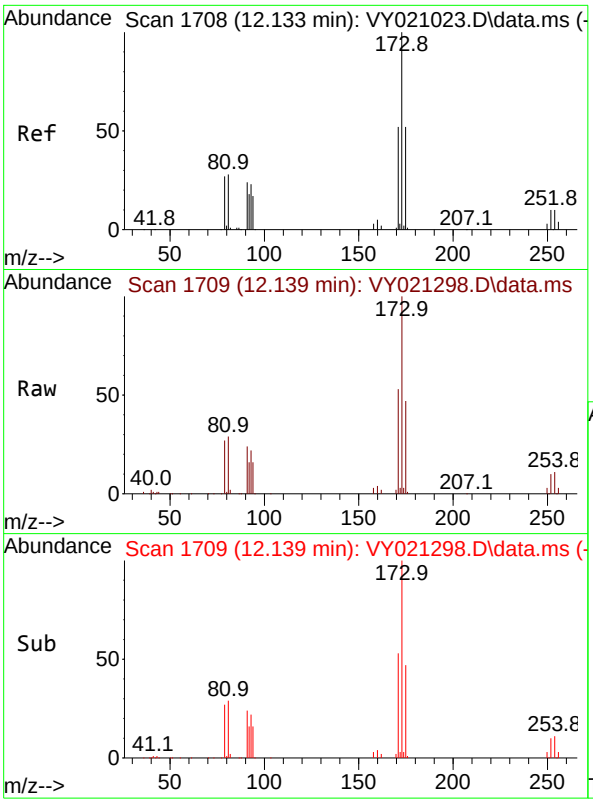


#70
Styrene
Concen: 53.599 ug/l
RT: 11.974 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:104 Resp: 220140

Ion	Ratio	Lower	Upper
104	100		
78	51.3	39.2	58.8
103	54.7	43.8	65.6

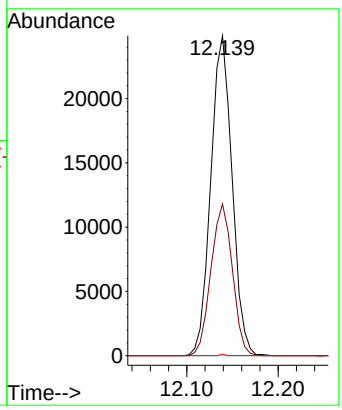




#71
Bromoform
Concen: 50.984 ug/l
RT: 12.139 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:173 Resp: 4028

Ion	Ratio	Lower	Upper
173	100		
175	47.6	23.5	70.6
254	0.1	0.0	0.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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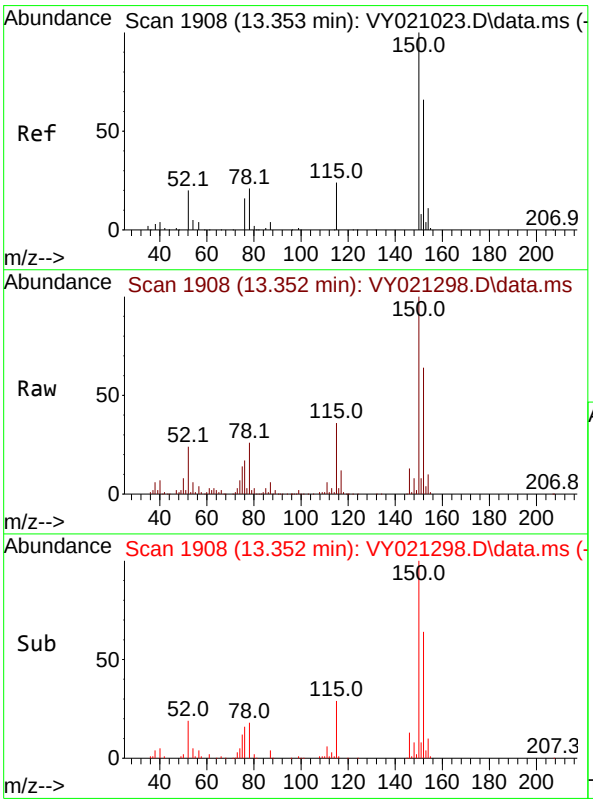
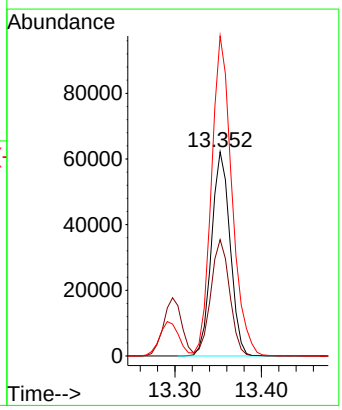
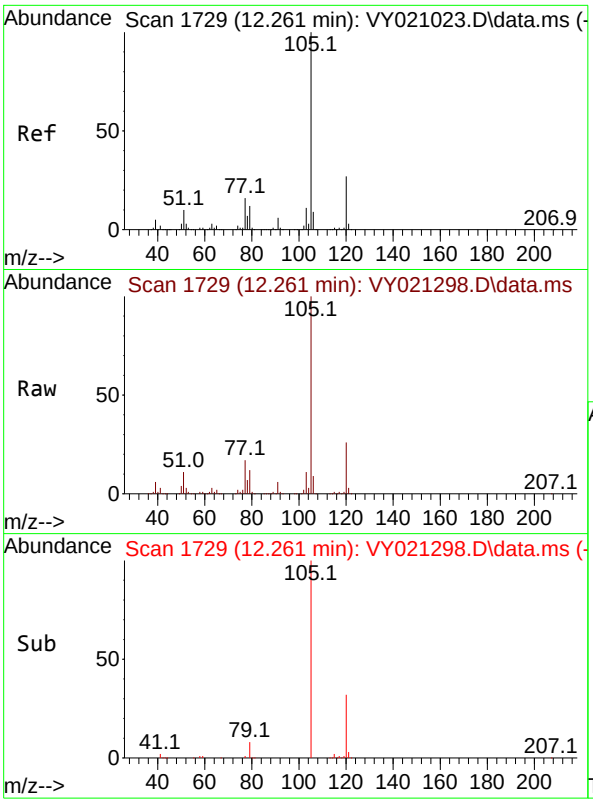


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:152 Resp: 92699

Ion	Ratio	Lower	Upper
152	100		
115	57.8	30.0	90.0
150	171.5	0.0	344.6

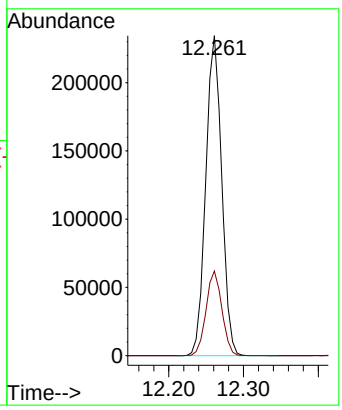




#73
Isopropylbenzene
Concen: 47.897 ug/l
RT: 12.261 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:105 Resp: 34682

Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.0	39.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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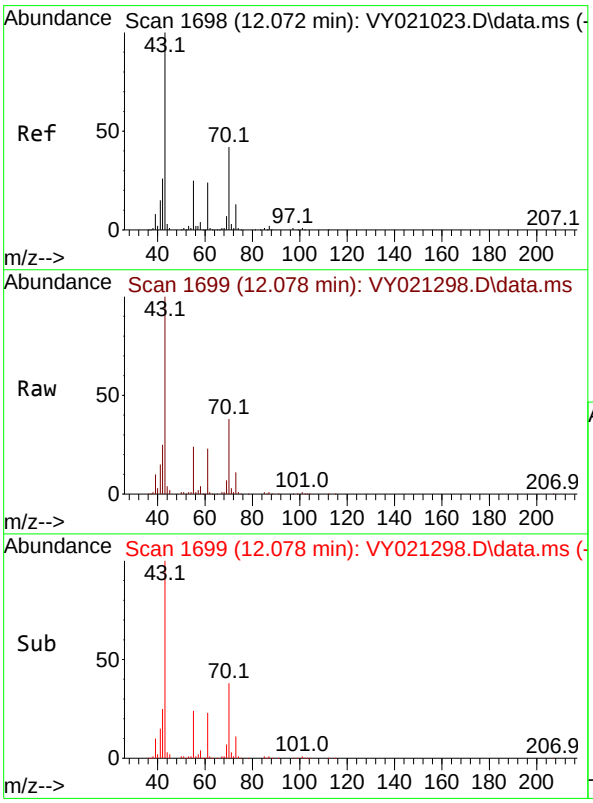
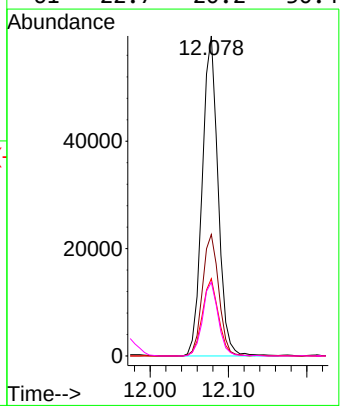
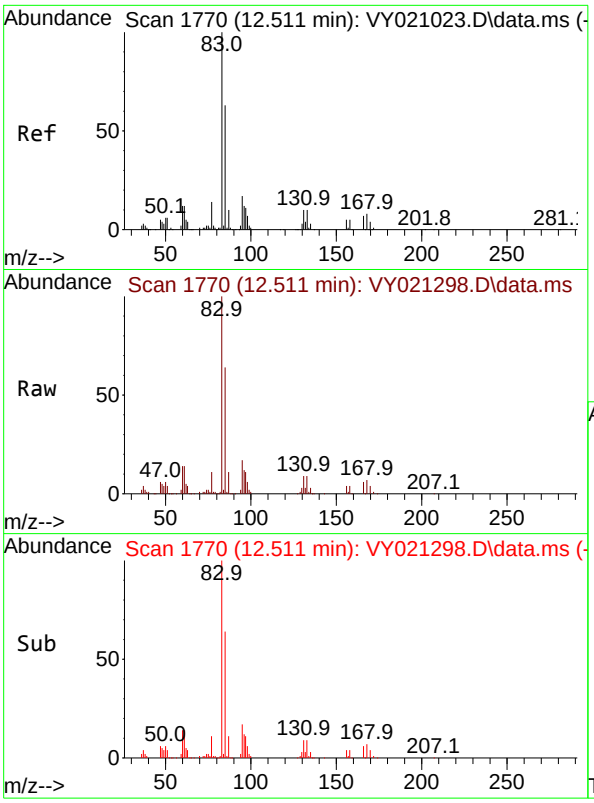


#74
N-amyl acetate
Concen: 52.822 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 43 Resp: 83623

Ion	Ratio	Lower	Upper
43	100		
70	39.2	36.6	55.0
55	24.5	22.2	33.4
61	22.7	20.2	30.4

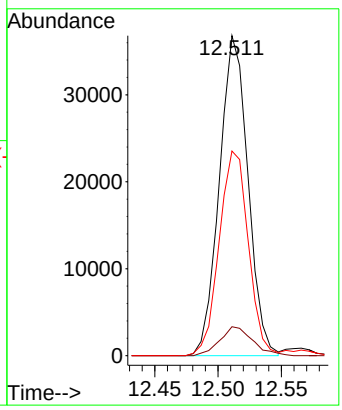




#75
1,1,2,2-Tetrachloroethane
Concen: 48.050 ug/l
RT: 12.511 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 83 Resp: 5786

Ion	Ratio	Lower	Upper
83	100		
131	10.4	4.9	14.6
85	65.1	32.6	98.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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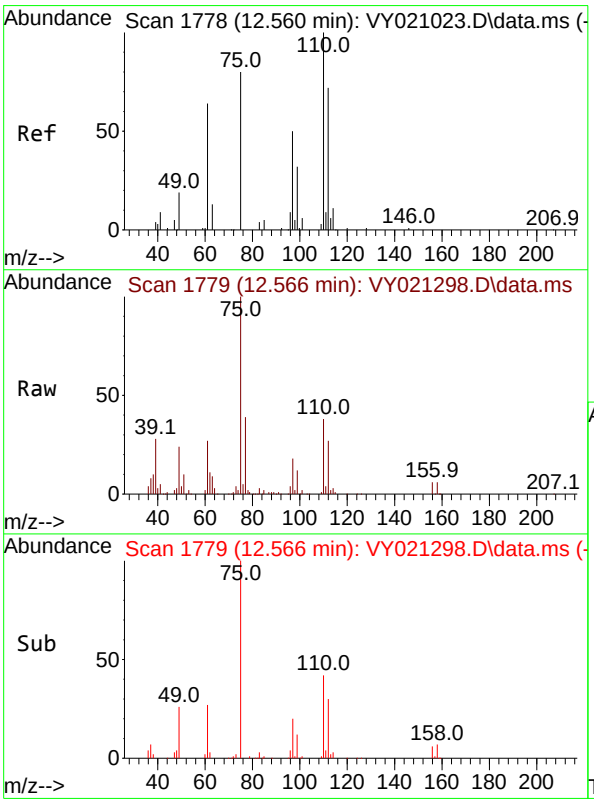
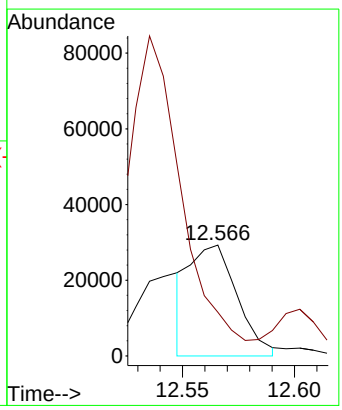
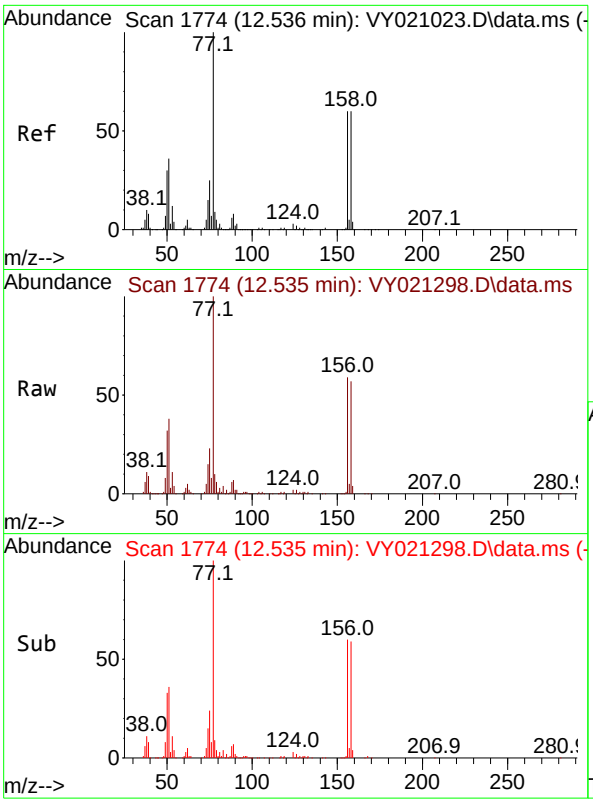


#76
1,2,3-Trichloropropane
Concen: 51.395 ug/l m
RT: 12.566 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 75 Resp: 43218

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

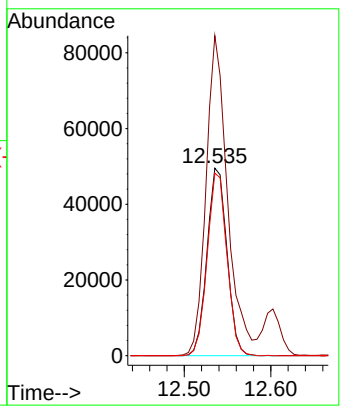




#77
Bromobenzene
Concen: 47.390 ug/l
RT: 12.535 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:156 Resp: 7918

Ion	Ratio	Lower	Upper
156	100		
77	183.0	97.3	291.8
158	96.4	48.4	145.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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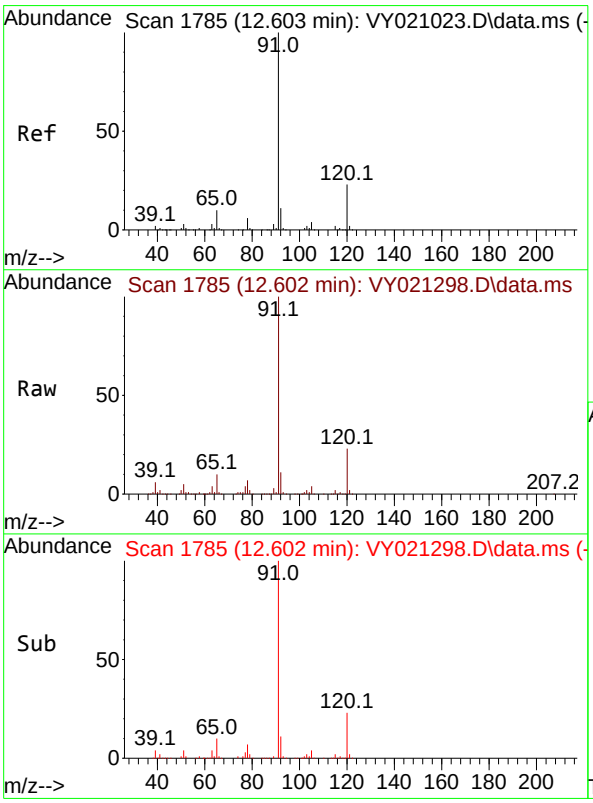
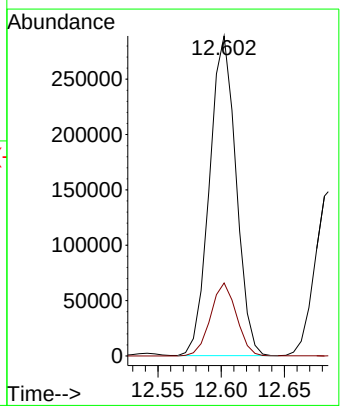
Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

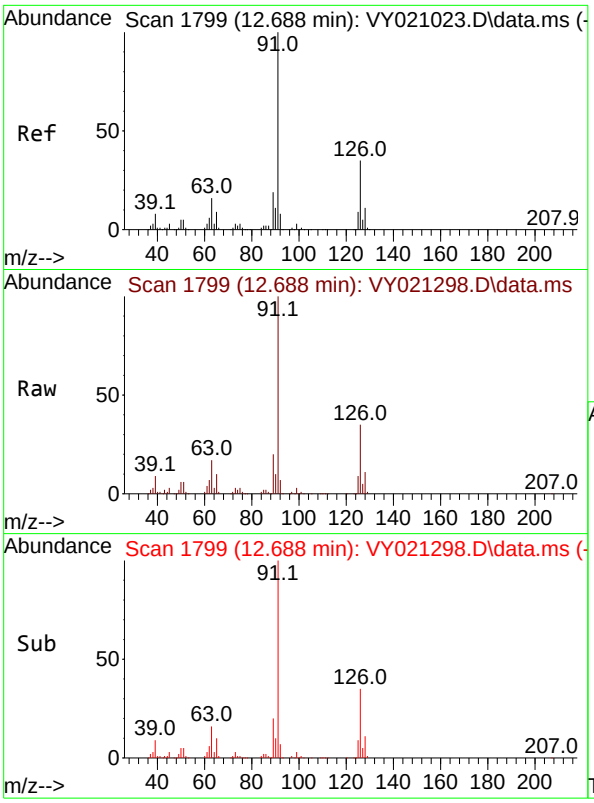


#78
n-propylbenzene
Concen: 48.809 ug/l
RT: 12.602 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 91 Resp: 421016

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.0	33.0

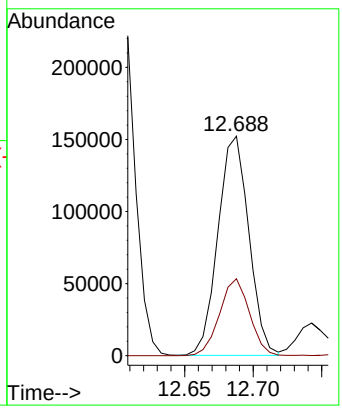




#79
2-Chlorotoluene
Concen: 48.301 ug/l
RT: 12.688 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 91 Resp: 23862

Ion	Ratio	Lower	Upper
91	100		
126	34.0	17.0	51.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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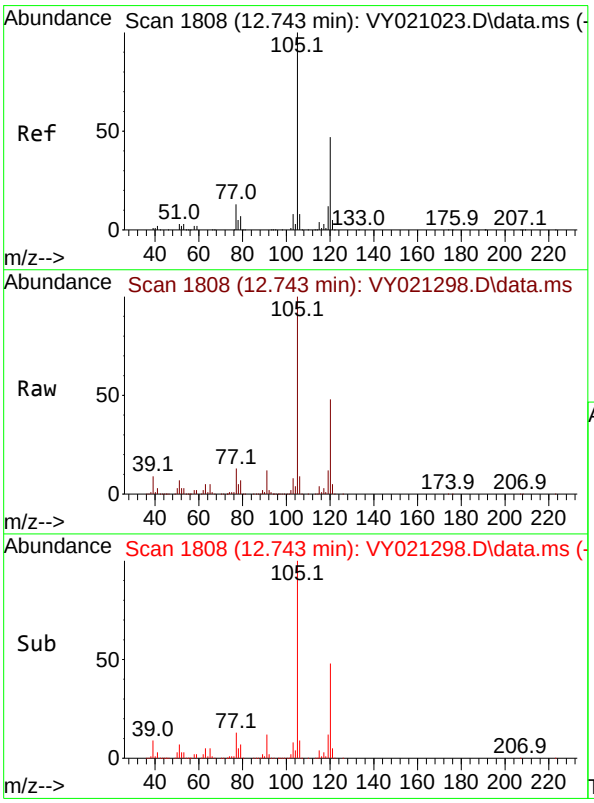
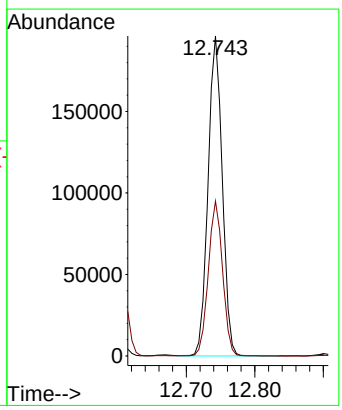
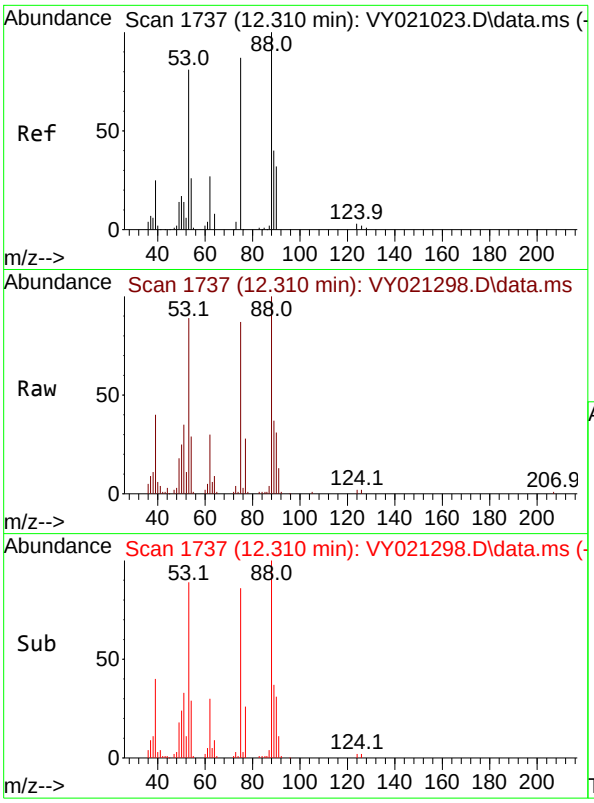


#80
1,3,5-Trimethylbenzene
Concen: 48.192 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:105 Resp: 282926

Ion	Ratio	Lower	Upper
105	100		
120	48.6	24.3	72.8

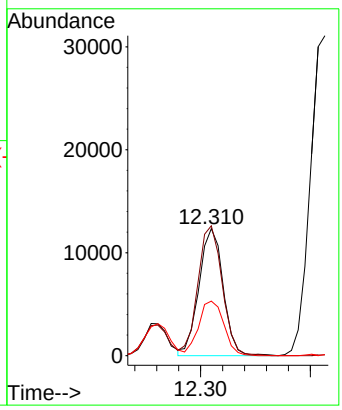




#81
trans-1,4-Dichloro-2-butene
Concen: 45.910 ug/l
RT: 12.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 75 Resp: 1892

Ion	Ratio	Lower	Upper
75	100		
53	103.3	74.0	111.0
89	44.6	36.5	54.7



Instrument :
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ClientSampleId :
VSTDCCC050EC

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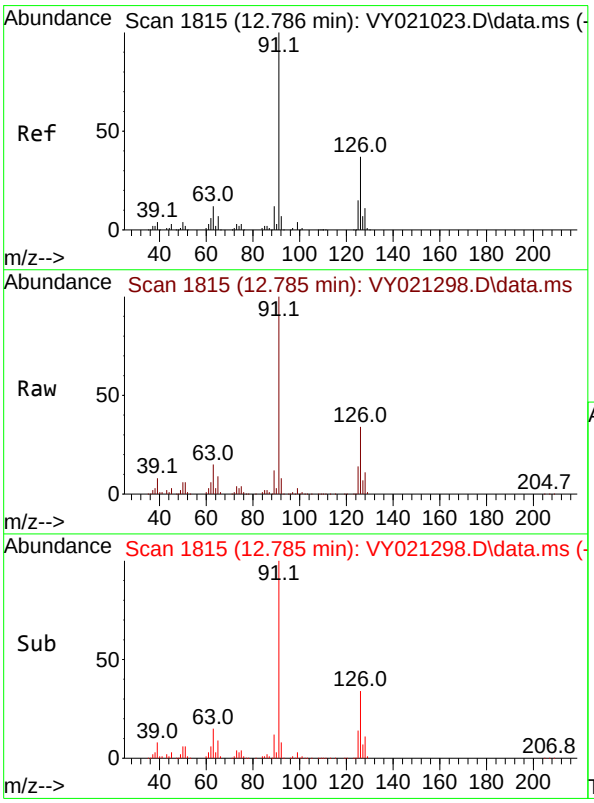
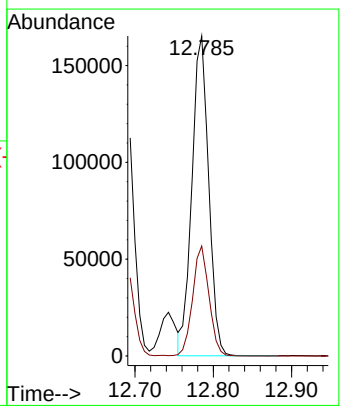
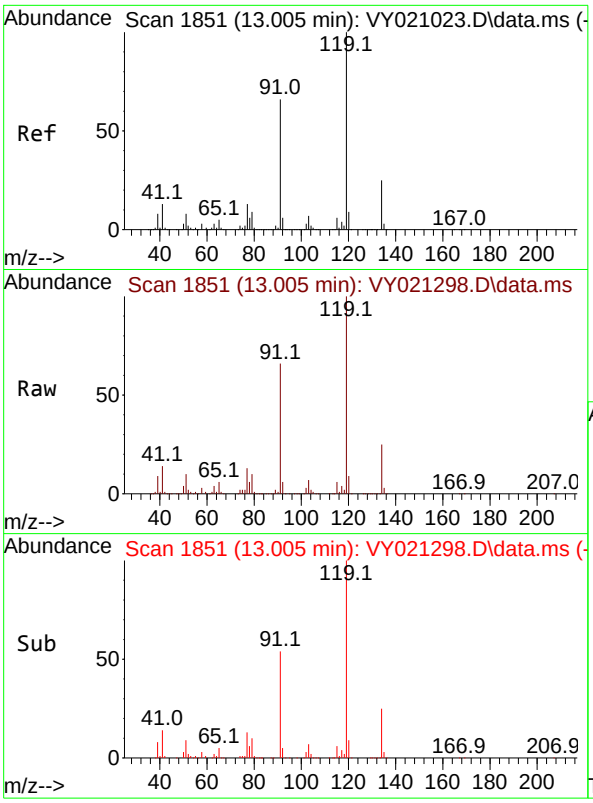


#82
4-Chlorotoluene
Concen: 48.800 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 91 Resp: 245636

Ion	Ratio	Lower	Upper
91	100		
126	33.6	17.1	51.2

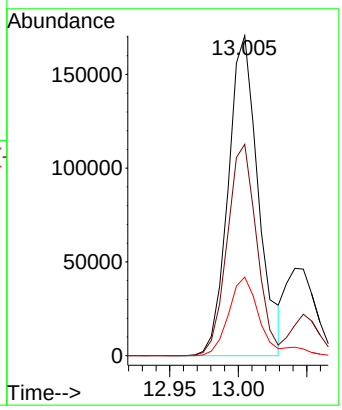




#83
tert-Butylbenzene
Concen: 48.787 ug/l
RT: 13.005 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:119 Resp: 26034

Ion	Ratio	Lower	Upper
119	100		
91	64.7	31.5	94.5
134	26.2	13.1	39.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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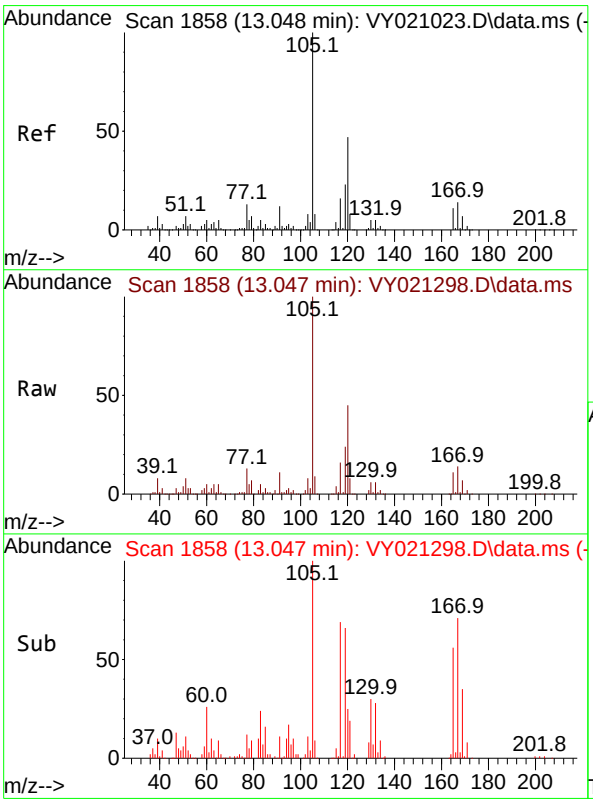
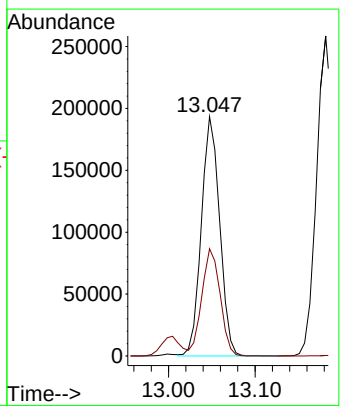
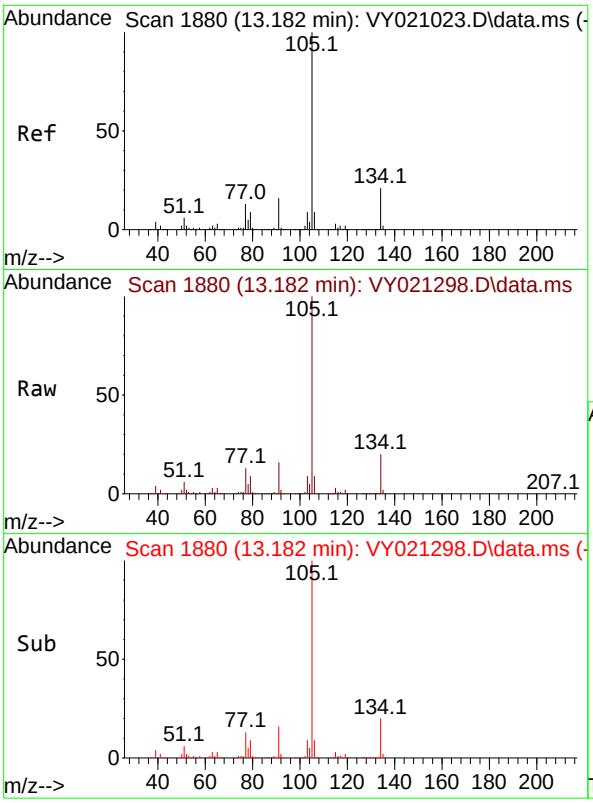


#84
1,2,4-Trimethylbenzene
Concen: 49.493 ug/l
RT: 13.047 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:105 Resp: 284109

Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.1	66.3





#85
sec-Butylbenzene
Concen: 48.640 ug/l
RT: 13.182 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:105 Resp: 37362

Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.7	28.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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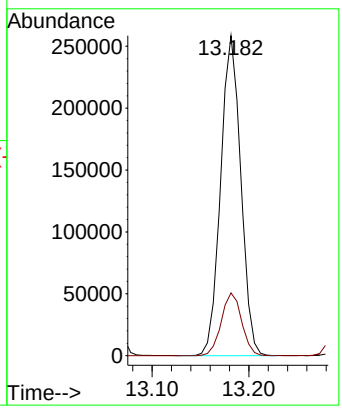
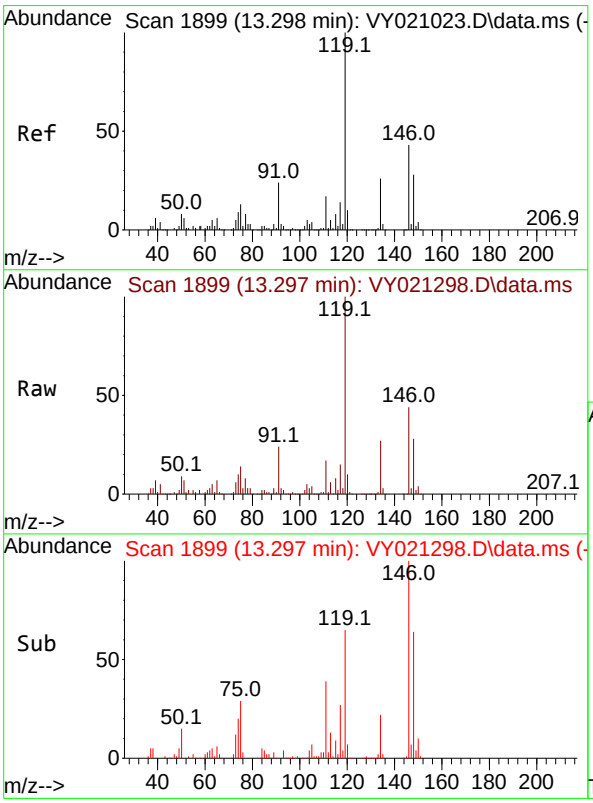
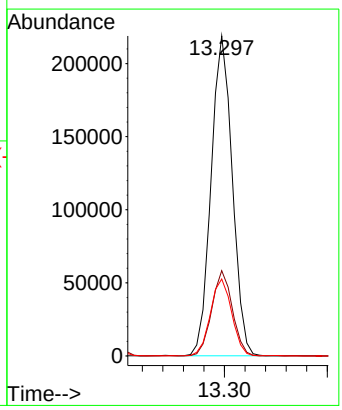


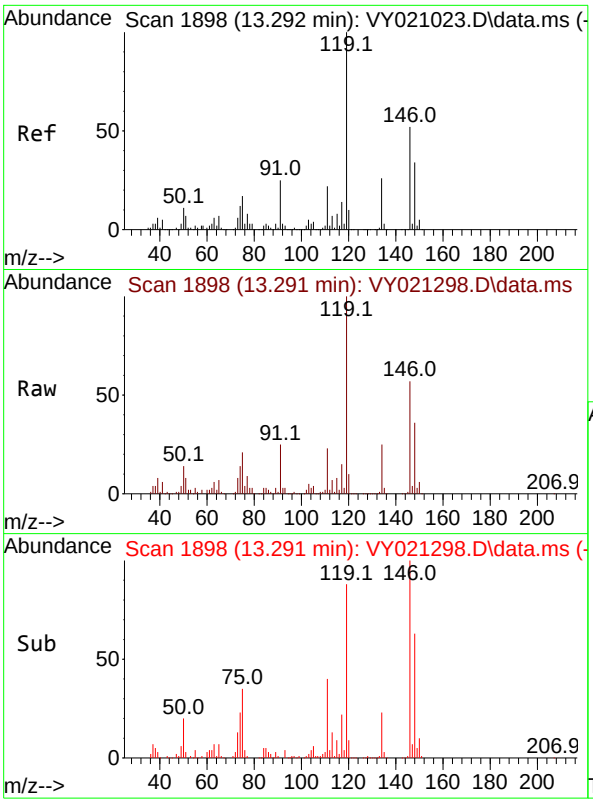


#86
p-Isopropyltoluene
Concen: 49.066 ug/l
RT: 13.297 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:119 Resp: 313085

Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.1	39.1
91	24.1	11.7	35.0

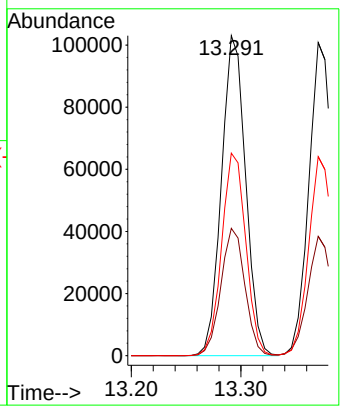




#87
1,3-Dichlorobenzene
Concen: 48.998 ug/l
RT: 13.291 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:146 Resp: 15809

Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.2	60.5
148	63.2	31.9	95.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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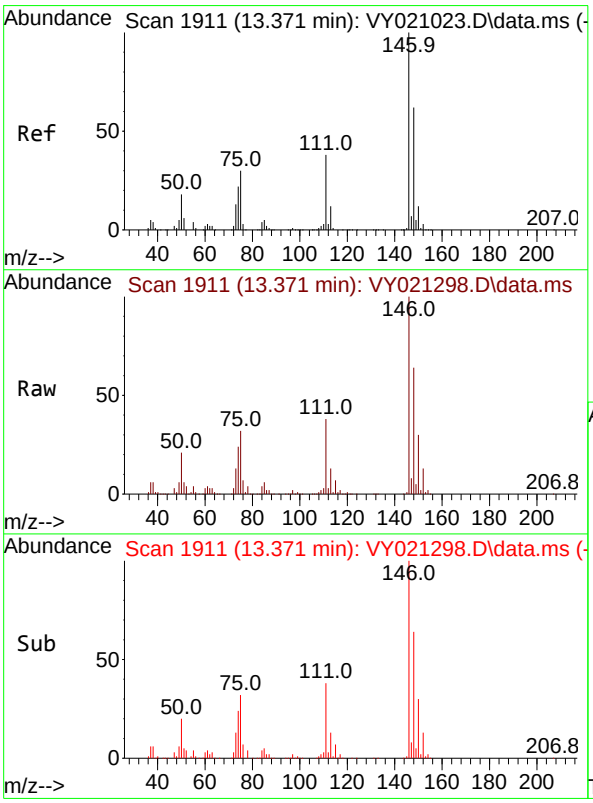
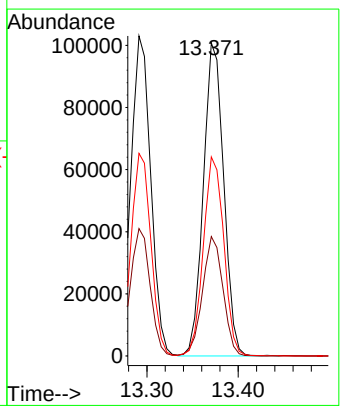
Supervised By :Mahesh Dadoda 02/28/2025

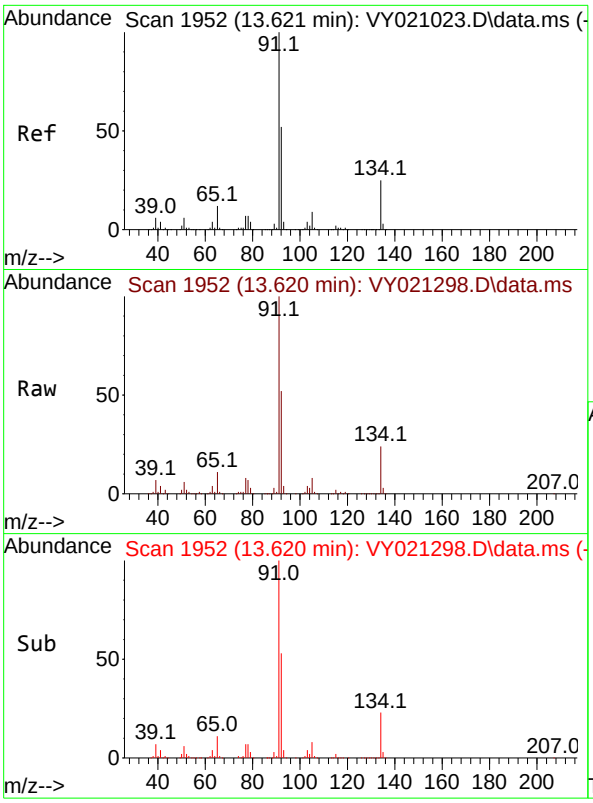


#88
1,4-Dichlorobenzene
Concen: 49.004 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:146 Resp: 155677

Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.9
148	64.0	31.6	94.7

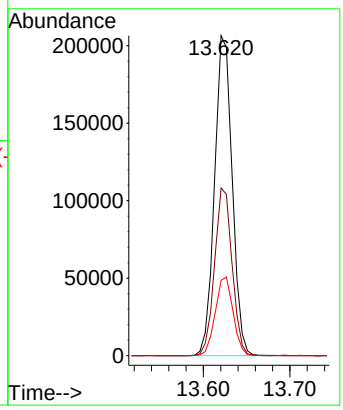




#89
n-Butylbenzene
Concen: 50.284 ug/l
RT: 13.620 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 91 Resp: 29270

Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.4	79.2
134	24.8	12.3	36.8



Instrument :
MSVOA_Y
ClientSampleId :
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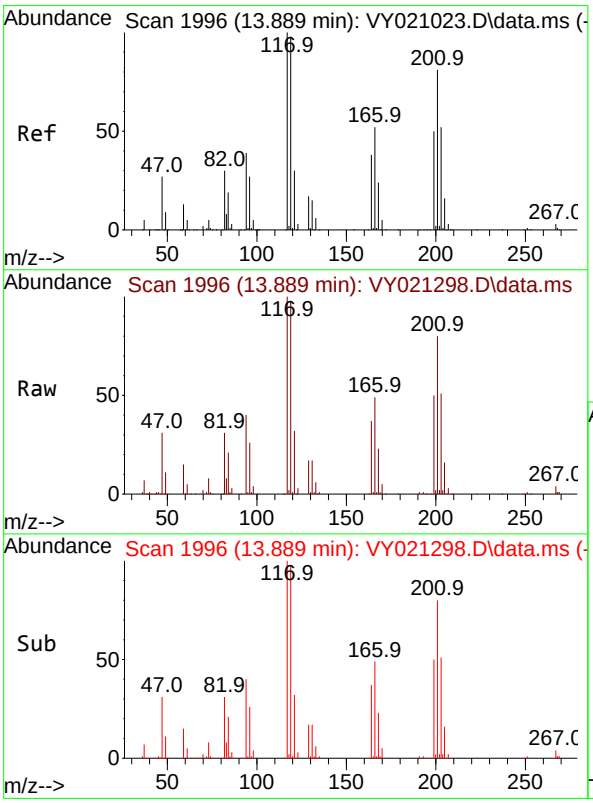
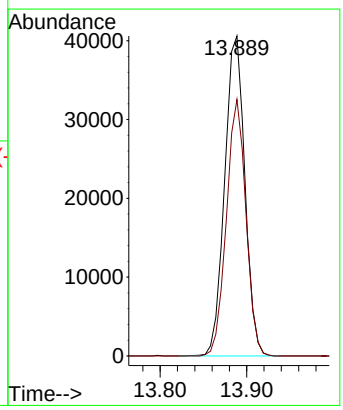
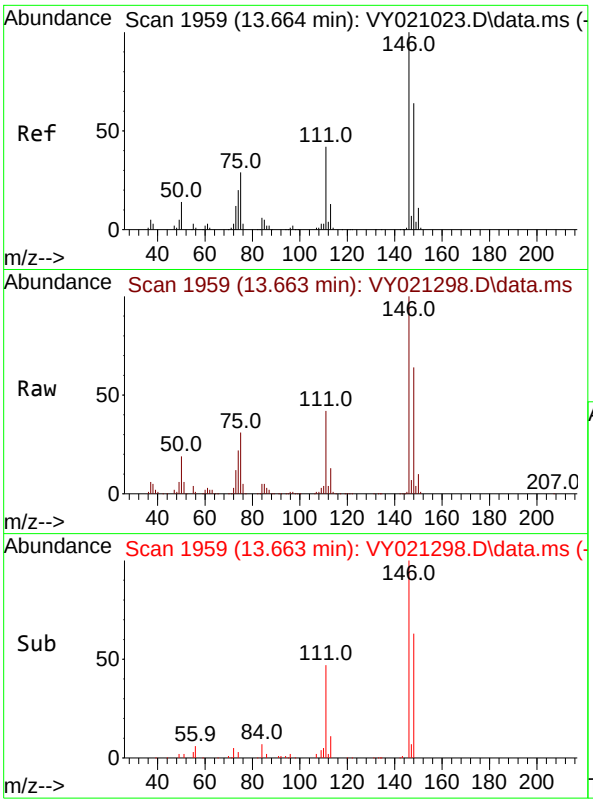


#90
Hexachloroethane
Concen: 49.420 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:117 Resp: 65786

Ion	Ratio	Lower	Upper
117	100		
201	77.4	33.4	100.1

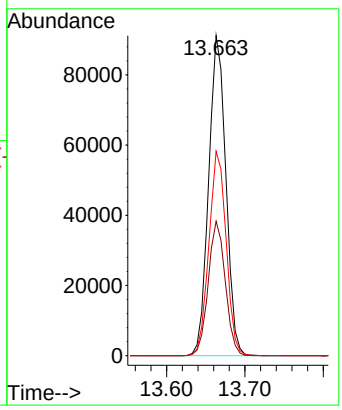




#91
1,2-Dichlorobenzene
Concen: 49.608 ug/l
RT: 13.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:146 Resp: 13892

Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.5	61.6
148	64.1	31.4	94.3



Instrument :
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ClientSampleId :
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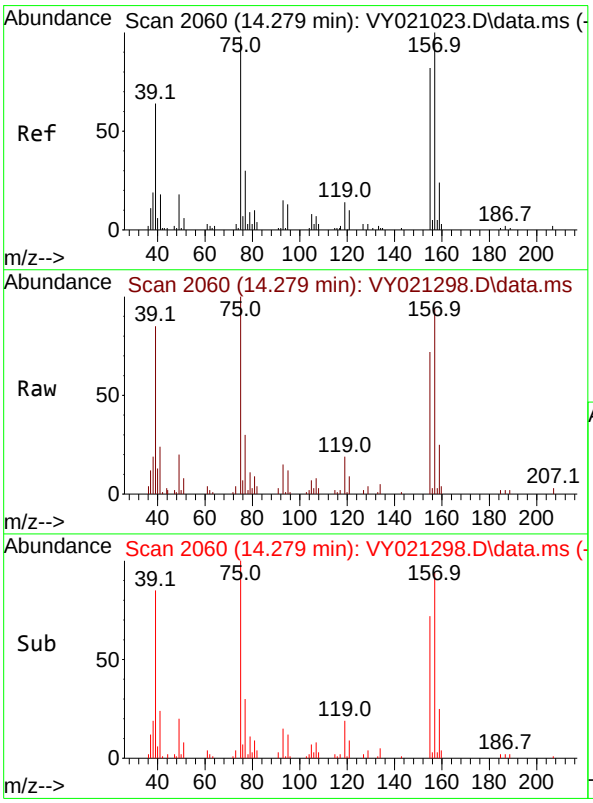
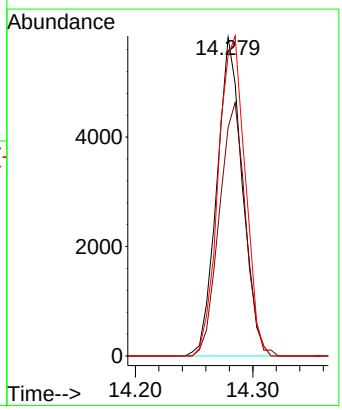
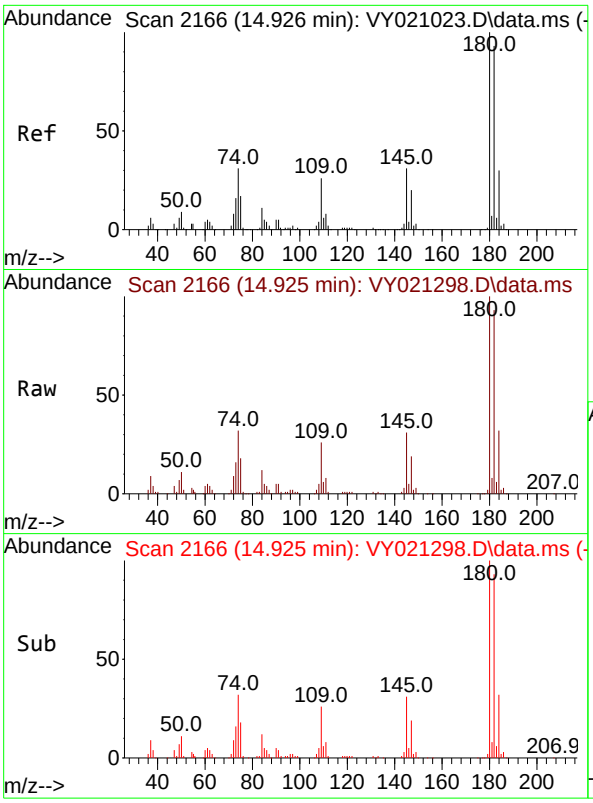


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.777 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 75 Resp: 8778

Ion	Ratio	Lower	Upper
75	100		
155	81.7	42.1	126.3
157	105.8	55.8	167.4

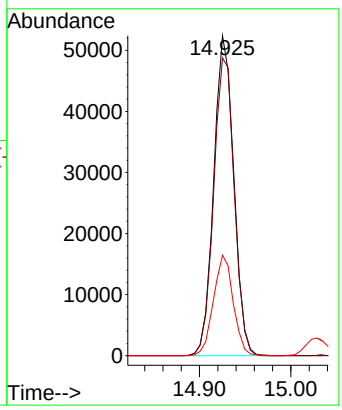




#93
1,2,4-Trichlorobenzene
Concen: 51.098 ug/l
RT: 14.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:180 Resp: 7965

Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.9	143.7
145	31.0	15.9	47.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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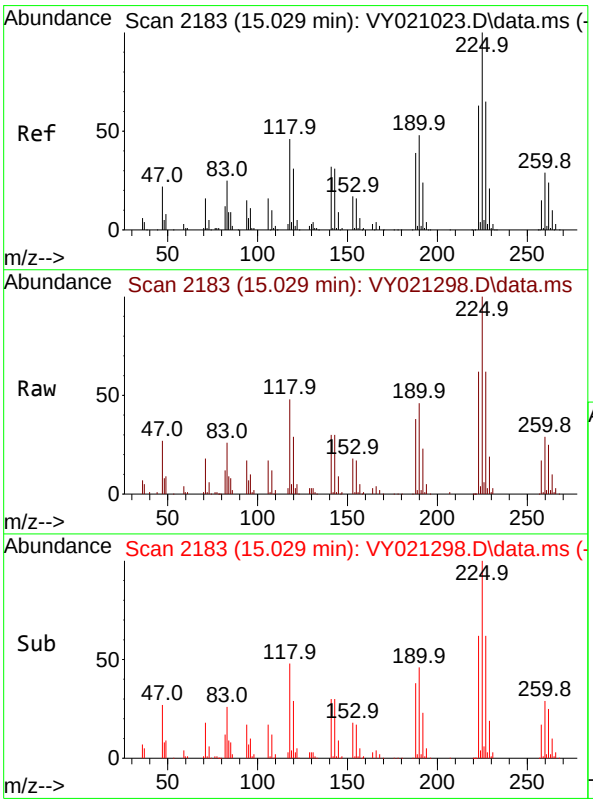
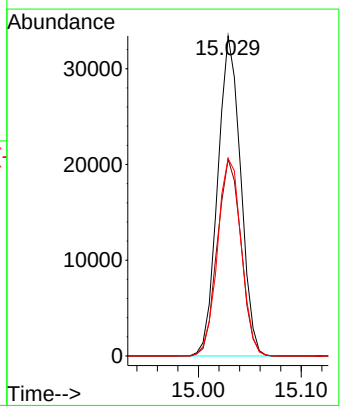
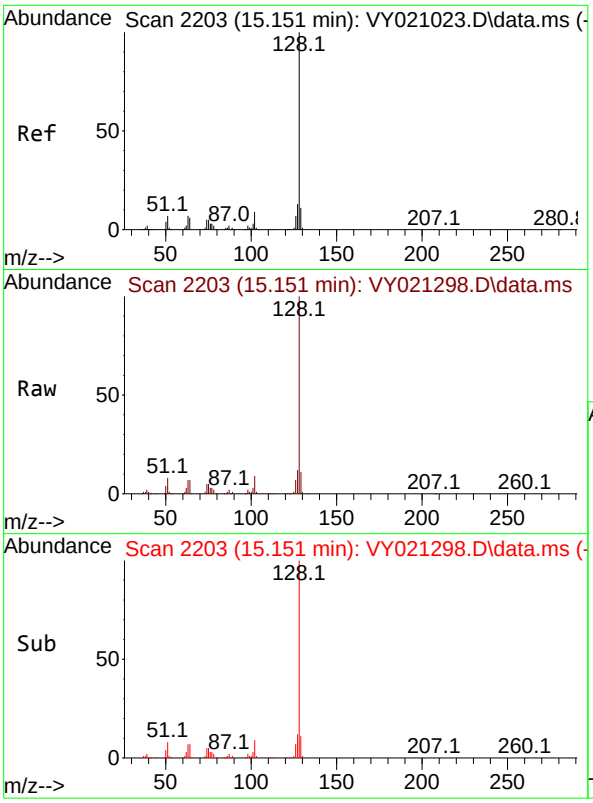


#94
Hexachlorobutadiene
Concen: 50.024 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:225 Resp: 51673

Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.4	94.3
227	64.1	32.3	96.8

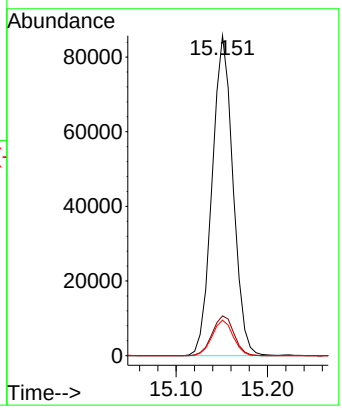




#95
Naphthalene
Concen: 54.500 ug/l
RT: 15.151 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:128 Resp: 13591

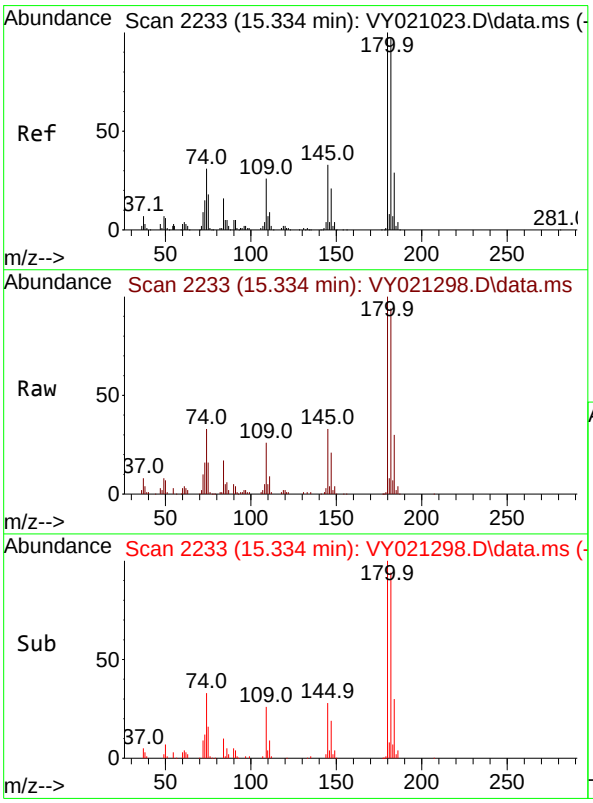
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.2	8.6	12.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

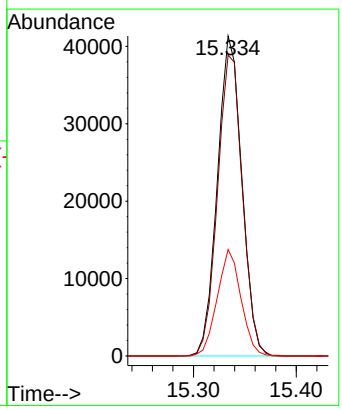
Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 52.553 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:180 Resp: 68173

Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.3	138.8
145	32.4	16.1	48.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021298.D
Acq On : 21 Feb 2025 20:27
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 28 06:39:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	69	0.00
2	T	Dichlorodifluoromethane	0.446	0.383	14.1	59	0.00
3	P	Chloromethane	0.440	0.524	-19.1	86	0.00
4	C	Vinyl Chloride	0.443	0.546	-23.3#	89	0.00
5	T	Bromomethane	0.274	0.344	-25.5#	92	0.00
6	T	Chloroethane	0.263	0.359	-36.5#	97	0.00
7	T	Trichlorofluoromethane	0.806	0.827	-2.6	72	0.00
8	T	Diethyl Ether	0.252	0.255	-1.2	73	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.506	0.495	2.2	69	0.00
10	T	Methyl Iodide	0.562	0.556	1.1	65	0.00
11	T	Tert butyl alcohol	0.035	0.032	8.6	68	0.00
12	CM	1,1-Dichloroethene	0.477	0.457	4.2#	67	0.00
13	T	Acrolein	0.053	0.023	56.6#	31#	0.00
14	T	Allyl chloride	0.803	0.842	-4.9	73	0.00
15	T	Acrylonitrile	0.105	0.114	-8.6	74	0.00
16	T	Acetone	0.080	0.085	-6.3	76	0.00
17	T	Carbon Disulfide	1.495	1.277	14.6	60	0.00
18	T	Methyl Acetate	0.280	0.329	-17.5	79	0.00
19	T	Methyl tert-butyl Ether	1.205	1.292	-7.2	73	0.00
20	T	Methylene Chloride	0.497	0.518	-4.2	74	0.00
21	T	trans-1,2-Dichloroethene	0.525	0.511	2.7	68	0.00
22	T	Diisopropyl ether	1.656	1.925	-16.2	80	0.00
23	T	Vinyl Acetate	0.923	1.040	-12.7	76	0.00
24	P	1,1-Dichloroethane	0.970	1.067	-10.0	78	0.00
25	T	2-Butanone	0.131	0.148	-13.0	76	0.00
26	T	2,2-Dichloropropane	0.898	0.867	3.5	69	0.00
27	T	cis-1,2-Dichloroethene	0.604	0.636	-5.3	73	0.00
28	T	Bromochloromethane	0.384	0.431	-12.2	72	0.00
29	T	Tetrahydrofuran	0.089	0.098	-10.1	74	0.01
30	C	Chloroform	0.997	1.097	-10.0#	77	0.00
31	T	Cyclohexane	0.874	0.815	6.8	68	0.00
32	T	1,1,1-Trichloroethane	0.927	0.968	-4.4	73	0.00
33	S	1,2-Dichloroethane-d4	0.512	0.555	-8.4	76	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	70	0.00
35	S	Dibromofluoromethane	0.320	0.340	-6.3	76	0.00
36	T	1,1-Dichloropropene	0.475	0.471	0.8	71	0.00
37	T	Ethyl Acetate	0.208	0.224	-7.7	75	0.00
38	T	Carbon Tetrachloride	0.555	0.551	0.7	71	0.00
39	T	Methylcyclohexane	0.581	0.550	5.3	66	0.00
40	TM	Benzene	1.393	1.455	-4.5	74	0.00
41	T	Methacrylonitrile	0.120	0.132	-10.0	83	0.00
42	TM	1,2-Dichloroethane	0.386	0.421	-9.1	78	0.00
43	T	Isopropyl Acetate	0.414	0.462	-11.6	77	0.00
44	TM	Trichloroethene	0.360	0.360	0.0	72	0.00
45	C	1,2-Dichloropropane	0.331	0.362	-9.4#	78	0.00
46	T	Dibromomethane	0.183	0.192	-4.9	74	0.00
47	T	Bromodichloromethane	0.491	0.537	-9.4	78	0.00
48	T	Methyl methacrylate	0.188	0.214	-13.8	78	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021298.D
Acq On : 21 Feb 2025 20:27
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 28 06:39:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	75	0.01
50	S	Toluene-d8	1.220	1.267	-3.9	74	0.00
51	T	4-Methyl-2-Pentanone	0.208	0.240	-15.4	78	0.00
52	CM	Toluene	0.875	0.933	-6.6#	75	0.00
53	T	t-1,3-Dichloropropene	0.441	0.474	-7.5	74	0.00
54	T	cis-1,3-Dichloropropene	0.522	0.559	-7.1	75	0.00
55	T	1,1,2-Trichloroethane	0.237	0.254	-7.2	75	0.00
56	T	Ethyl methacrylate	0.317	0.345	-8.8	71	0.00
57	T	1,3-Dichloropropane	0.410	0.446	-8.8	76	0.00
58	T	2-Chloroethyl Vinyl ether	0.151	0.155	-2.6	69	0.00
59	T	2-Hexanone	0.134	0.159	-18.7	78	0.00
60	T	Dibromochloromethane	0.333	0.352	-5.7	75	0.00
61	T	1,2-Dibromoethane	0.222	0.230	-3.6	72	0.00
62	S	4-Bromofluorobenzene	0.399	0.432	-8.3	75	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	72	0.00
64	T	Tetrachloroethene	0.371	0.354	4.6	70	0.00
65	PM	Chlorobenzene	1.113	1.117	-0.4	74	0.00
66	T	1,1,1,2-Tetrachloroethane	0.396	0.409	-3.3	77	0.00
67	C	Ethyl Benzene	1.969	2.017	-2.4#	74	0.00
68	T	m/p-Xylenes	0.737	0.758	-2.8	74	0.00
69	T	o-Xylene	0.687	0.715	-4.1	75	0.00
70	T	Styrene	1.145	1.227	-7.2	76	0.00
71	P	Bromoform	0.220	0.225	-2.3	74	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	77	0.00
73	T	Isopropylbenzene	3.906	3.741	4.2	75	0.00
74	T	N-amyl acetate	0.854	0.902	-5.6	78	0.00
75	P	1,1,2,2-Tetrachloroethane	0.650	0.624	4.0	76	0.00
76	T	1,2,3-Trichloropropane	0.454	0.466	-2.6	77	0.00
77	T	Bromobenzene	0.901	0.854	5.2	76	0.00
78	T	n-propylbenzene	4.653	4.542	2.4	76	0.00
79	T	2-Chlorotoluene	2.665	2.574	3.4	76	0.00
80	T	1,3,5-Trimethylbenzene	3.167	3.052	3.6	75	0.00
81	T	trans-1,4-Dichloro-2-butene	0.222	0.204	8.1	70	0.00
82	T	4-Chlorotoluene	2.715	2.650	2.4	78	0.00
83	T	tert-Butylbenzene	2.878	2.808	2.4	75	0.00
84	T	1,2,4-Trimethylbenzene	3.096	3.065	1.0	77	0.00
85	T	sec-Butylbenzene	4.143	4.031	2.7	76	0.00
86	T	p-Isopropyltoluene	3.442	3.377	1.9	76	0.00
87	T	1,3-Dichlorobenzene	1.740	1.705	2.0	78	0.00
88	T	1,4-Dichlorobenzene	1.714	1.679	2.0	77	0.00
89	T	n-Butylbenzene	3.140	3.158	-0.6	77	0.00
90	T	Hexachloroethane	0.718	0.710	1.1	78	0.00
91	T	1,2-Dichlorobenzene	1.510	1.499	0.7	79	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.097	0.095	2.1	75	0.00
93	T	1,2,4-Trichlorobenzene	0.841	0.859	-2.1	75	0.00
94	T	Hexachlorobutadiene	0.557	0.557	0.0	77	0.00
95	T	Naphthalene	1.345	1.466	-9.0	75	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021298.D
Acq On : 21 Feb 2025 20:27
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 28 06:39:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.700	0.735	-5.0	77	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021298.D
Acq On : 21 Feb 2025 20:27
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 28 06:39:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	69	0.00
2	T	Dichlorodifluoromethane	50.000	42.960	14.1	59	0.00
3	P	Chloromethane	50.000	59.635	-19.3	86	0.00
4	C	Vinyl Chloride	50.000	61.693	-23.4#	89	0.00
5	T	Bromomethane	50.000	62.917	-25.8#	92	0.00
6	T	Chloroethane	50.000	68.120	-36.2#	97	0.00
7	T	Trichlorofluoromethane	50.000	51.288	-2.6	72	0.00
8	T	Diethyl Ether	50.000	50.663	-1.3	73	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.931	2.1	69	0.00
10	T	Methyl Iodide	50.000	49.422	1.2	65	0.00
11	T	Tert butyl alcohol	250.000	226.865	9.3	68	0.00
12	CM	1,1-Dichloroethene	50.000	47.924	4.2#	67	0.00
13	T	Acrolein	250.000	109.599	56.2#	31	0.00
14	T	Allyl chloride	50.000	52.425	-4.8	73	0.00
15	T	Acrylonitrile	250.000	270.971	-8.4	74	0.00
16	T	Acetone	250.000	266.311	-6.5	76	0.00
17	T	Carbon Disulfide	50.000	42.725	14.5	60	0.00
18	T	Methyl Acetate	50.000	58.681	-17.4	79	0.00
19	T	Methyl tert-butyl Ether	50.000	53.609	-7.2	73	0.00
20	T	Methylene Chloride	50.000	52.142	-4.3	74	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.693	2.6	68	0.00
22	T	Diisopropyl ether	50.000	58.129	-16.3	80	0.00
23	T	Vinyl Acetate	250.000	281.710	-12.7	76	0.00
24	P	1,1-Dichloroethane	50.000	54.988	-10.0	78	0.00
25	T	2-Butanone	250.000	281.796	-12.7	76	0.00
26	T	2,2-Dichloropropane	50.000	48.309	3.4	69	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.612	-5.2	73	0.00
28	T	Bromochloromethane	50.000	56.218	-12.4	72	0.00
29	T	Tetrahydrofuran	250.000	275.466	-10.2	74	0.01
30	C	Chloroform	50.000	55.027	-10.1#	77	0.00
31	T	Cyclohexane	50.000	46.649	6.7	68	0.00
32	T	1,1,1-Trichloroethane	50.000	52.224	-4.4	73	0.00
33	S	1,2-Dichloroethane-d4	50.000	54.125	-8.3	76	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	70	0.00
35	S	Dibromofluoromethane	50.000	53.011	-6.0	76	0.00
36	T	1,1-Dichloropropene	50.000	49.653	0.7	71	0.00
37	T	Ethyl Acetate	50.000	53.780	-7.6	75	0.00
38	T	Carbon Tetrachloride	50.000	49.712	0.6	71	0.00
39	T	Methylcyclohexane	50.000	47.400	5.2	66	0.00
40	TM	Benzene	50.000	52.236	-4.5	74	0.00
41	T	Methacrylonitrile	50.000	54.835	-9.7	83	0.00
42	TM	1,2-Dichloroethane	50.000	54.531	-9.1	78	0.00
43	T	Isopropyl Acetate	50.000	55.868	-11.7	77	0.00
44	TM	Trichloroethene	50.000	50.025	-0.0	72	0.00
45	C	1,2-Dichloropropane	50.000	54.816	-9.6#	78	0.00
46	T	Dibromomethane	50.000	52.478	-5.0	74	0.00
47	T	Bromodichloromethane	50.000	54.647	-9.3	78	0.00
48	T	Methyl methacrylate	50.000	56.886	-13.8	78	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021298.D
Acq On : 21 Feb 2025 20:27
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 28 06:39:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1109.293	-10.9	75	0.01
50	S	Toluene-d8	50.000	51.928	-3.9	74	0.00
51	T	4-Methyl-2-Pentanone	250.000	288.857	-15.5	78	0.00
52	CM	Toluene	50.000	53.357	-6.7#	75	0.00
53	T	t-1,3-Dichloropropene	50.000	53.768	-7.5	74	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.589	-7.2	75	0.00
55	T	1,1,2-Trichloroethane	50.000	53.484	-7.0	75	0.00
56	T	Ethyl methacrylate	50.000	54.350	-8.7	71	0.00
57	T	1,3-Dichloropropane	50.000	54.331	-8.7	76	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	256.535	-2.6	69	0.00
59	T	2-Hexanone	250.000	296.700	-18.7	78	0.00
60	T	Dibromochloromethane	50.000	52.855	-5.7	75	0.00
61	T	1,2-Dibromoethane	50.000	51.889	-3.8	72	0.00
62	S	4-Bromofluorobenzene	50.000	54.149	-8.3	75	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	72	0.00
64	T	Tetrachloroethene	50.000	47.707	4.6	70	0.00
65	PM	Chlorobenzene	50.000	50.154	-0.3	74	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.667	-3.3	77	0.00
67	C	Ethyl Benzene	50.000	51.210	-2.4#	74	0.00
68	T	m/p-Xylenes	100.000	102.873	-2.9	74	0.00
69	T	o-Xylene	50.000	52.018	-4.0	75	0.00
70	T	Styrene	50.000	53.599	-7.2	76	0.00
71	P	Bromoform	50.000	50.984	-2.0	74	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.00
73	T	Isopropylbenzene	50.000	47.897	4.2	75	0.00
74	T	N-amyl acetate	50.000	52.822	-5.6	78	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.050	3.9	76	0.00
76	T	1,2,3-Trichloropropane	50.000	51.395	-2.8	77	0.00
77	T	Bromobenzene	50.000	47.390	5.2	76	0.00
78	T	n-propylbenzene	50.000	48.809	2.4	76	0.00
79	T	2-Chlorotoluene	50.000	48.301	3.4	76	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.192	3.6	75	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.910	8.2	70	0.00
82	T	4-Chlorotoluene	50.000	48.800	2.4	78	0.00
83	T	tert-Butylbenzene	50.000	48.787	2.4	75	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.493	1.0	77	0.00
85	T	sec-Butylbenzene	50.000	48.640	2.7	76	0.00
86	T	p-Isopropyltoluene	50.000	49.066	1.9	76	0.00
87	T	1,3-Dichlorobenzene	50.000	48.998	2.0	78	0.00
88	T	1,4-Dichlorobenzene	50.000	49.004	2.0	77	0.00
89	T	n-Butylbenzene	50.000	50.284	-0.6	77	0.00
90	T	Hexachloroethane	50.000	49.420	1.2	78	0.00
91	T	1,2-Dichlorobenzene	50.000	49.608	0.8	79	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.777	2.4	75	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.098	-2.2	75	0.00
94	T	Hexachlorobutadiene	50.000	50.024	-0.0	77	0.00
95	T	Naphthalene	50.000	54.500	-9.0	75	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021298.D
Acq On : 21 Feb 2025 20:27
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 28 06:39:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.553	-5.1	77	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: NOBI03

Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG No.: Q1383

Instrument ID: MSVOA_Y Calibration Date/Time: 02/26/2025 10:11

Lab File ID: VY021320.D Init. Calib. Date(s): 02/25/2025 02/25/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 12:40 16:49

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.474	0.442		-6.75	20
Chloromethane	0.612	0.581	0.1	-5.07	20
Vinyl Chloride	0.601	0.586		-2.5	20
Bromomethane	0.399	0.370		-7.27	20
Chloroethane	0.373	0.363		-2.68	20
Tetrahydrofuran	0.107	0.102		-4.67	20
Trichlorofluoromethane	0.908	0.866		-4.63	20
1,1,2-Trichlorotrifluoroethane	0.525	0.496		-5.52	20
1,1-Dichloroethene	0.503	0.487		-3.18	20
Acrylonitrile	0.120	0.117		-2.5	20
Acetone	0.109	0.113		3.67	20
Carbon Disulfide	1.671	1.628		-2.57	20
Methyl tert-butyl Ether	1.329	1.308		-1.58	20
Methylene Chloride	0.588	0.533		-9.35	20
trans-1,2-Dichloroethene	0.554	0.540		-2.53	20
1,1-Dichloroethane	1.040	1.021	0.1	-1.83	20
2-Butanone	0.164	0.162		-1.22	20
Carbon Tetrachloride	0.554	0.536		-3.25	20
2,2-Dichloropropane	0.944	0.929		-1.59	20
cis-1,2-Dichloroethene	0.632	0.633		0.16	20
Chloroform	1.054	1.038		-1.52	20
1,1,1-Trichloroethane	0.960	0.936		-2.5	20
1,1-Dichloropropene	0.492	0.475		-3.45	20
Benzene	1.456	1.415		-2.82	20
1,2-Dichloroethane	0.413	0.396		-4.12	20
Trichloroethene	0.364	0.355		-2.47	20
1,2-Dichloropropane	0.350	0.341		-2.57	20
Dibromomethane	0.191	0.185		-3.14	20
Bromodichloromethane	0.511	0.494		-3.33	20
4-Methyl-2-Pentanone	0.243	0.234		-3.7	20
Toluene	0.904	0.892		-1.33	20
t-1,3-Dichloropropene	0.468	0.468		0	20
cis-1,3-Dichloropropene	0.552	0.543		-1.63	20
1,1,2-Trichloroethane	0.249	0.236		-5.22	20
1,3-Dichloropropane	0.438	0.431		-1.6	20
2-Hexanone	0.159	0.159		0	20
Dibromochloromethane	0.340	0.332		-2.35	20
1,2-Dibromoethane	0.236	0.224		-5.09	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: NOBI03

Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG No.: Q1383

Instrument ID: MSVOA_Y Calibration Date/Time: 02/26/2025 10:11

Lab File ID: VY021320.D Init. Calib. Date(s): 02/25/2025 02/25/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 12:40 16:49

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Tetrachloroethene	0.378	0.359		-5.03	20
Chlorobenzene	1.122	1.091	0.3	-2.76	20
1,1,1,2-Tetrachloroethane	0.393	0.387		-1.53	20
Ethyl Benzene	1.988	1.972		-0.81	20
m/p-Xylenes	0.748	0.735		-1.74	20
o-Xylene	0.701	0.696		-0.71	20
Styrene	1.166	1.176		0.86	20
Bromoform	0.225	0.217	0.1	-3.56	20
Isopropylbenzene	3.759	3.742		-0.45	20
1,1,2,2-Tetrachloroethane	0.663	0.639	0.3	-3.62	20
1,2,3-Trichloropropane	0.500	0.401		-19.8	20
Bromobenzene	0.874	0.866		-0.92	20
n-propylbenzene	4.561	4.517		-0.96	20
2-Chlorotoluene	2.618	2.575		-1.64	20
1,3,5-Trimethylbenzene	3.083	3.059		-0.78	20
4-Chlorotoluene	2.714	2.682		-1.18	20
tert-Butylbenzene	2.785	2.716		-2.48	20
1,2,4-Trimethylbenzene	3.066	3.057		-0.29	20
sec-Butylbenzene	4.068	3.911		-3.86	20
p-Isopropyltoluene	3.397	3.301		-2.83	20
1,3-Dichlorobenzene	1.730	1.676		-3.12	20
1,4-Dichlorobenzene	1.709	1.633		-4.45	20
n-Butylbenzene	3.196	3.100		-3	20
1,2-Dichlorobenzene	1.515	1.469		-3.04	20
1,2-Dibromo-3-Chloropropane	0.105	0.099		-5.71	20
1,2,4-Trichlorobenzene	0.925	0.884		-4.43	20
Hexachlorobutadiene	0.582	0.531		-8.76	20
1,2,3-Trichlorobenzene	0.781	0.747		-4.35	20
1,2-Dichloroethane-d4	0.567	0.544		-4.06	20
Dibromofluoromethane	0.328	0.320		-2.44	20
Toluene-d8	1.267	1.257		-0.79	20
4-Bromofluorobenzene	0.426	0.420		-1.41	20
trans-1,4-Dichloro-2-butene	0.225	0.224		-0.44	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_Y\Data\VY022625\
Data File : VY021320.D
Acq On : 26 Feb 2025 10:11
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 27 00:33:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	193888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	308714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	268805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	131935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	105547	47.987	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 95.980%			
35) Dibromofluoromethane	7.634	113	98654	48.743	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.480%			
50) Toluene-d8	10.109	98	387966	49.599	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.200%			
62) 4-Bromofluorobenzene	12.408	95	129754	49.290	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.580%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	85738	46.640	ug/l	96
3) Chloromethane	2.068	50	112705	47.473	ug/l	98
4) Vinyl Chloride	2.202	62	113710	48.798	ug/l	98
5) Bromomethane	2.598	94	71789	46.361	ug/l	99
6) Chloroethane	2.739	64	70476	48.772	ug/l	99
7) Trichlorofluoromethane	3.062	101	167868	47.701	ug/l	96
8) Diethyl Ether	3.452	74	52323	49.537	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	96104	47.169	ug/l	99
10) Methyl Iodide	4.007	142	111918	52.212	ug/l	99
11) Tert butyl alcohol	4.854	59	34212	202.221	ug/l	98
12) 1,1-Dichloroethene	3.793	96	94447	48.413	ug/l	99
13) Acrolein	3.653	56	5526	42.624	ug/l	99
14) Allyl chloride	4.385	41	173778	50.242	ug/l	98
15) Acrylonitrile	5.061	53	112963	241.892	ug/l	99
16) Acetone	3.867	43	109810	260.267	ug/l	100
17) Carbon Disulfide	4.110	76	315561	48.712	ug/l	100
18) Methyl Acetate	4.385	43	49846	48.342	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	253623	49.206	ug/l	99
20) Methylene Chloride	4.616	84	103268	45.263	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	104607	48.708	ug/l	99
22) Diisopropyl ether	6.019	45	361038	50.442	ug/l	98
23) Vinyl Acetate	5.958	43	1065848	249.197	ug/l	99
24) 1,1-Dichloroethane	5.915	63	197949	49.069	ug/l	98
25) 2-Butanone	6.890	43	157281	246.999	ug/l	98
26) 2,2-Dichloropropane	6.890	77	180065	49.191	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	122751	50.053	ug/l	99
28) Bromochloromethane	7.244	49	84337	47.247	ug/l	98
29) Tetrahydrofuran	7.262	42	99242	238.435	ug/l	100
30) Chloroform	7.421	83	201334	49.253	ug/l	99
31) Cyclohexane	7.701	56	178746	46.094	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	181553	48.795	ug/l	98
36) 1,1-Dichloropropene	7.835	75	146702	48.254	ug/l	100
37) Ethyl Acetate	6.982	43	72710	48.080	ug/l	100
38) Carbon Tetrachloride	7.817	117	165430	48.402	ug/l	98
39) Methylcyclohexane	9.109	83	178508	46.422	ug/l	97
40) Benzene	8.079	78	436709	48.593	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021320.D
Acq On : 26 Feb 2025 10:11
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 27 00:33:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	36160	42.766	ug/l		91
42) 1,2-Dichloroethane	8.158	62	122335	47.978	ug/l		99
43) Isopropyl Acetate	8.195	43	140455	47.984	ug/l		99
44) Trichloroethene	8.866	130	109499	48.665	ug/l		100
45) 1,2-Dichloropropane	9.140	63	105190	48.637	ug/l		100
46) Dibromomethane	9.231	93	56977	48.195	ug/l		99
47) Bromodichloromethane	9.427	83	152416	48.352	ug/l		99
48) Methyl methacrylate	9.219	41	66362	48.481	ug/l		98
49) 1,4-Dioxane	9.231	88	12417	944.605	ug/l		95
51) 4-Methyl-2-Pentanone	10.000	43	360891	240.853	ug/l		100
52) Toluene	10.170	92	275527	49.351	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	144366	49.988	ug/l		98
54) cis-1,3-Dichloropropene	9.853	75	167718	49.192	ug/l		99
55) 1,1,2-Trichloroethane	10.573	97	72899	47.334	ug/l		98
56) Ethyl methacrylate	10.439	69	108485	50.979	ug/l		100
57) 1,3-Dichloropropane	10.719	76	132919	49.183	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	239640	234.614	ug/l		100
59) 2-Hexanone	10.762	43	245501	249.476	ug/l		99
60) Dibromochloromethane	10.908	129	102499	48.867	ug/l		100
61) 1,2-Dibromoethane	11.018	107	69304	47.532	ug/l		98
64) Tetrachloroethene	10.646	164	96416	47.455	ug/l		98
65) Chlorobenzene	11.444	112	293397	48.625	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.518	131	104152	49.295	ug/l		100
67) Ethyl Benzene	11.518	91	530215	49.609	ug/l		99
68) m/p-Xylenes	11.627	106	395166	98.298	ug/l		99
69) o-Xylene	11.957	106	187084	49.676	ug/l		98
70) Styrene	11.969	104	316002	50.431	ug/l		100
71) Bromoform	12.133	173	58316	48.247	ug/l	#	99
73) Isopropylbenzene	12.255	105	493694	49.774	ug/l		99
74) N-amyl acetate	12.072	43	128988	51.162	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	84288	48.150	ug/l		99
76) 1,2,3-Trichloropropane	12.560	75	52897m	40.055	ug/l		
77) Bromobenzene	12.536	156	114266	49.529	ug/l		99
78) n-propylbenzene	12.597	91	595911	49.510	ug/l		100
79) 2-Chlorotoluene	12.682	91	339722	49.181	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	403527	49.604	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	29544	49.724	ug/l		99
82) 4-Chlorotoluene	12.780	91	353786	49.408	ug/l		99
83) tert-Butylbenzene	12.999	119	358344	48.765	ug/l		100
84) 1,2,4-Trimethylbenzene	13.048	105	403288	49.846	ug/l		100
85) sec-Butylbenzene	13.176	105	515970	48.069	ug/l		100
86) p-Isopropyltoluene	13.292	119	435539	48.594	ug/l		100
87) 1,3-Dichlorobenzene	13.292	146	221110	48.450	ug/l		100
88) 1,4-Dichlorobenzene	13.371	146	215487	47.797	ug/l		100
89) n-Butylbenzene	13.621	91	408995	48.491	ug/l		100
90) Hexachloroethane	13.883	117	88564	47.306	ug/l		100
91) 1,2-Dichlorobenzene	13.664	146	193750	48.457	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	13100	47.306	ug/l		97
93) 1,2,4-Trichlorobenzene	14.926	180	116572	47.769	ug/l		99
94) Hexachlorobutadiene	15.029	225	70063	45.603	ug/l		99
95) Naphthalene	15.145	128	205892	50.937	ug/l		99
96) 1,2,3-Trichlorobenzene	15.334	180	98515	47.779	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021320.D
Acq On : 26 Feb 2025 10:11
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 27 00:33:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

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

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

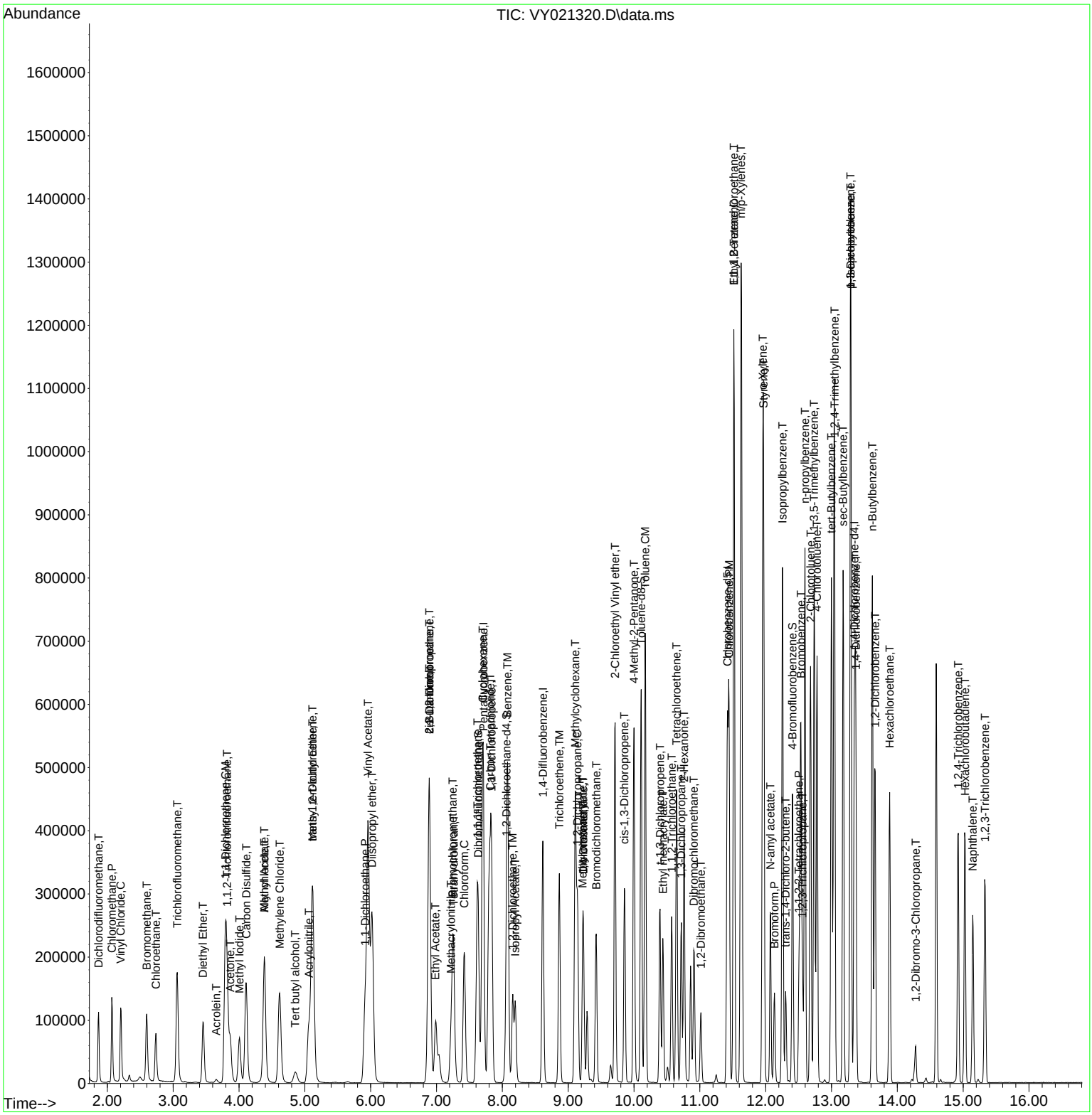
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021320.D
Acq On : 26 Feb 2025 10:11
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

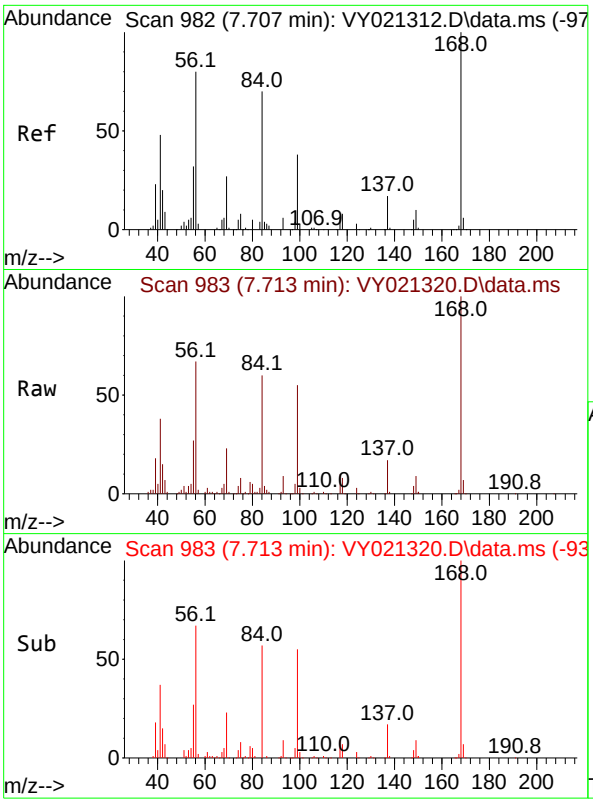
Quant Time: Feb 27 00:33:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

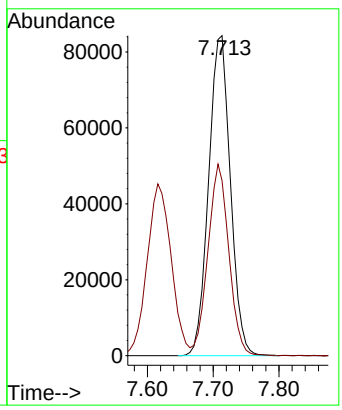




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:168 Resp: 19388

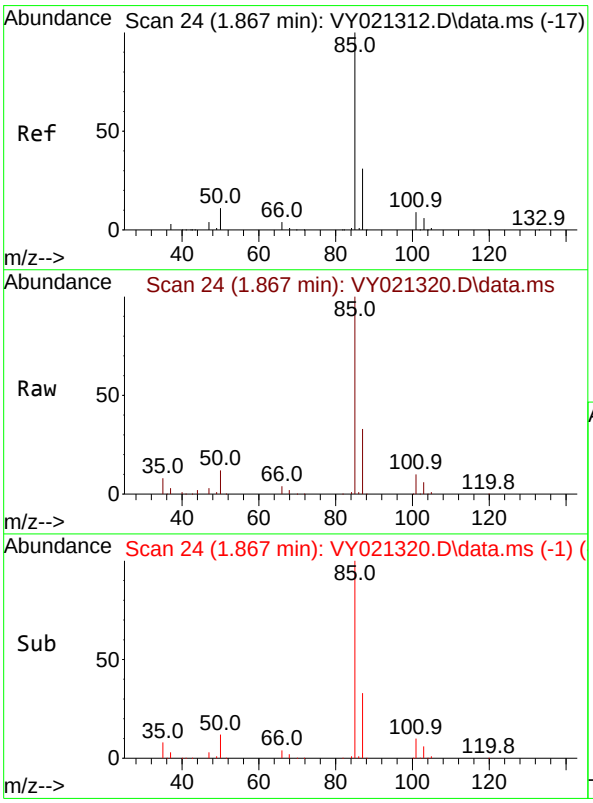
Ion	Ratio	Lower	Upper
168	100		
99	54.7	47.1	70.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

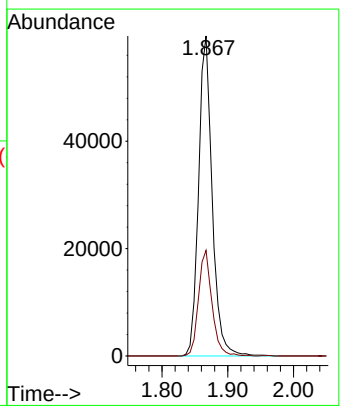
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

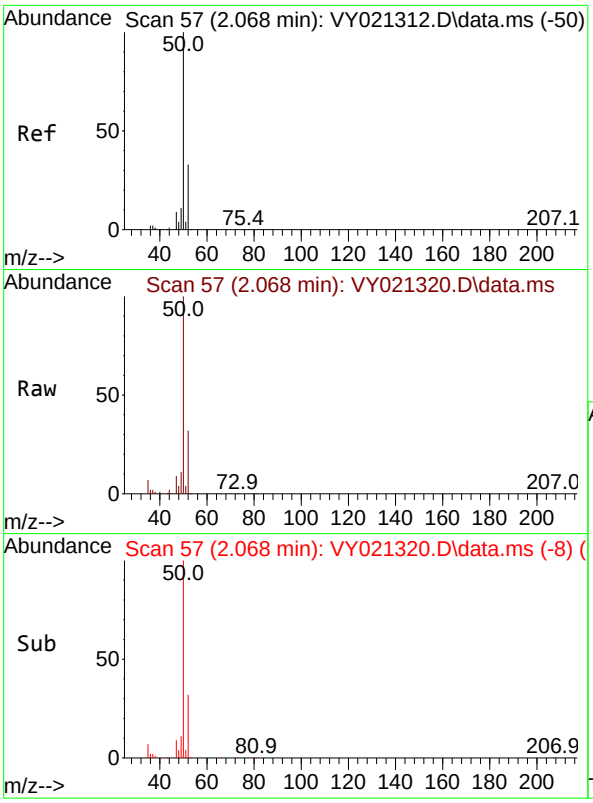


#2
Dichlorodifluoromethane
Concen: 46.640 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 85 Resp: 85738

Ion	Ratio	Lower	Upper
85	100		
87	33.0	15.4	46.4

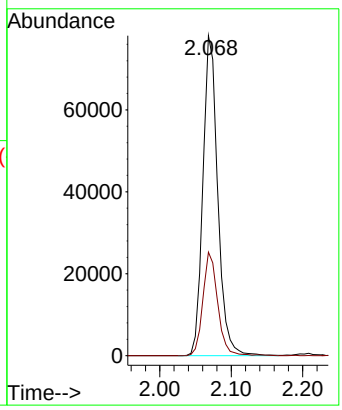




#3
Chloromethane
Concen: 47.473 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 50 Resp: 11270

Ion	Ratio	Lower	Upper
50	100		
52	32.3	26.6	40.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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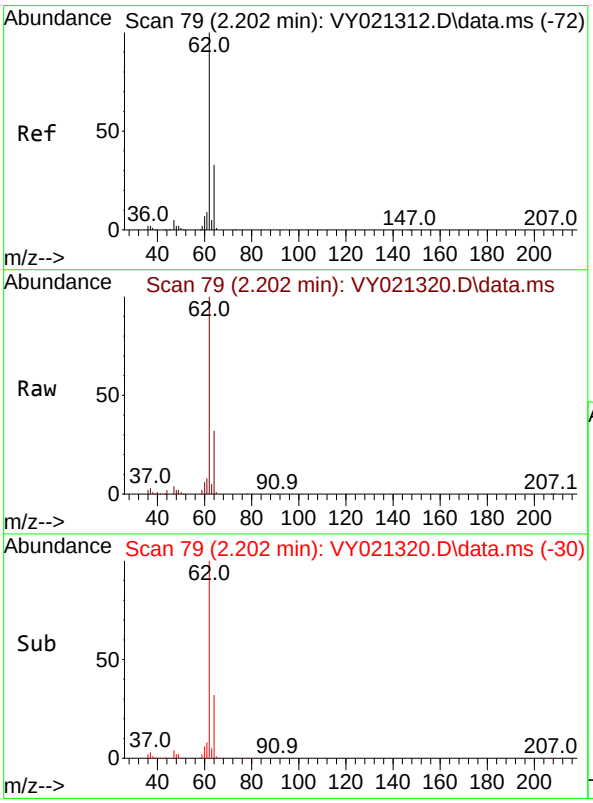
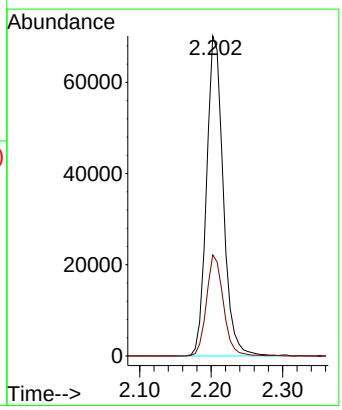
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

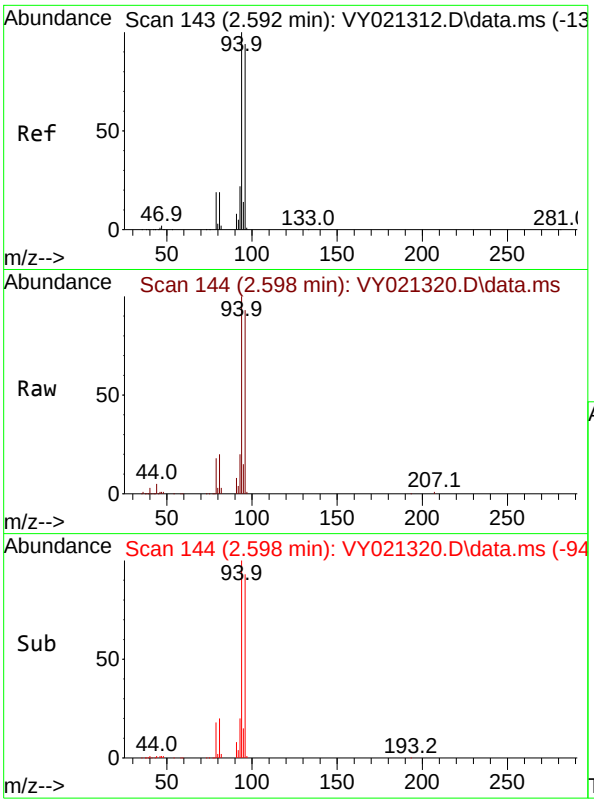


#4
Vinyl Chloride
Concen: 48.798 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 62 Resp: 113710

Ion	Ratio	Lower	Upper
62	100		
64	31.6	26.3	39.5

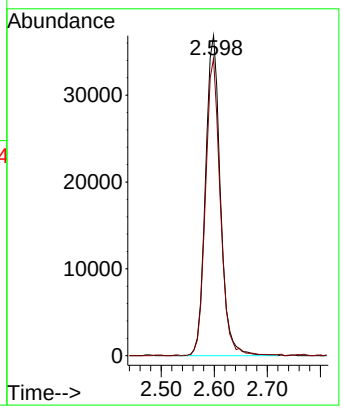




#5
Bromomethane
Concen: 46.361 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 94 Resp: 7178

Ion	Ratio	Lower	Upper
94	100		
96	92.6	75.2	112.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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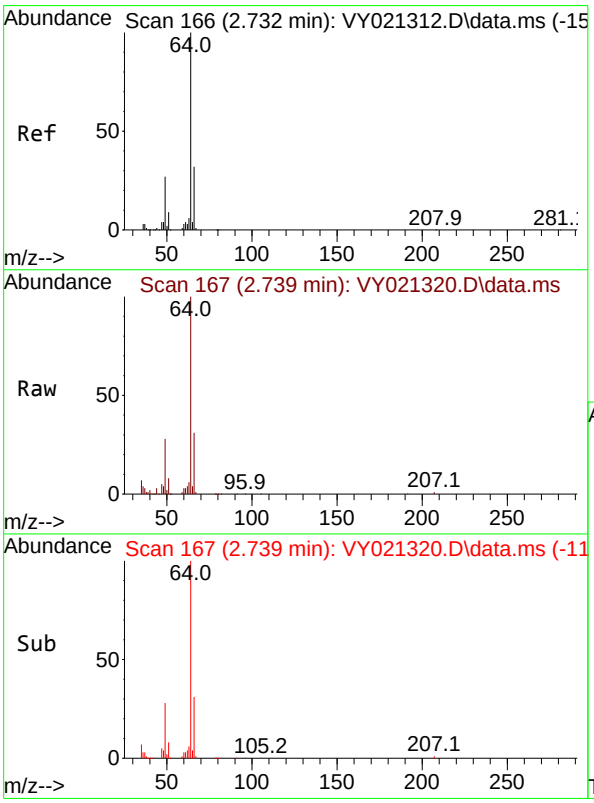
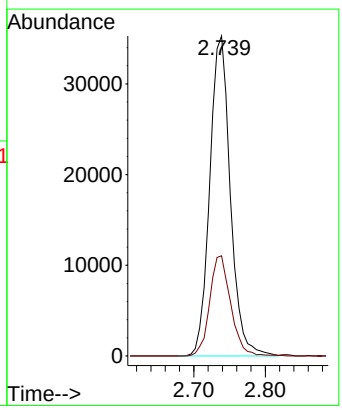
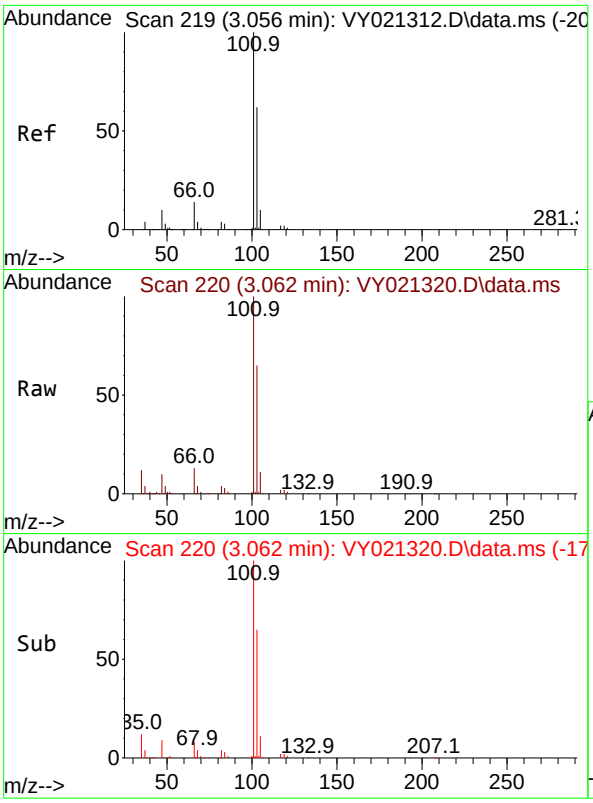


#6
Chloroethane
Concen: 48.772 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 64 Resp: 70476

Ion	Ratio	Lower	Upper
64	100		
66	31.3	25.4	38.0

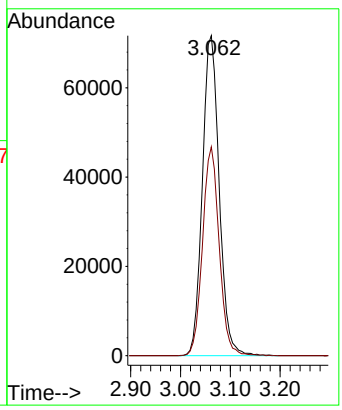




#7
Trichlorofluoromethane
Concen: 47.701 ug/l
RT: 3.062 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:101 Resp: 16786

Ion	Ratio	Lower	Upper
101	100		
103	65.3	49.7	74.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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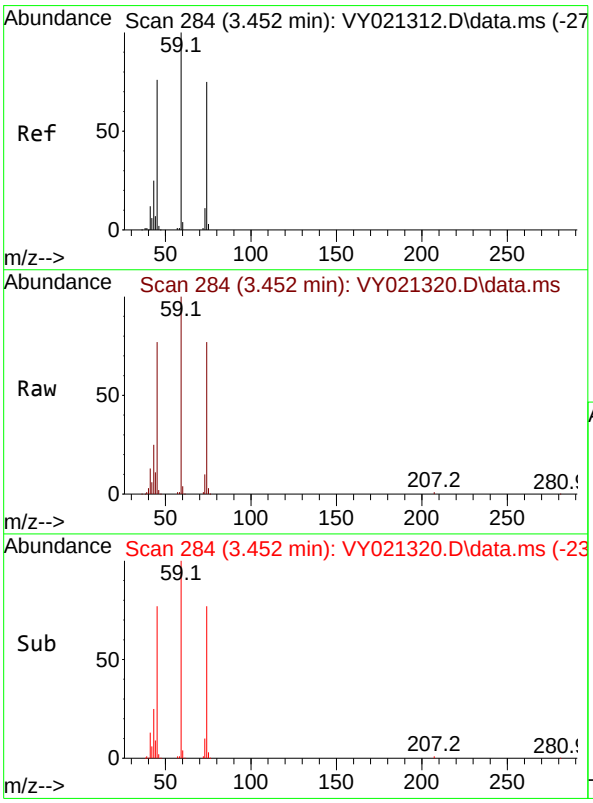
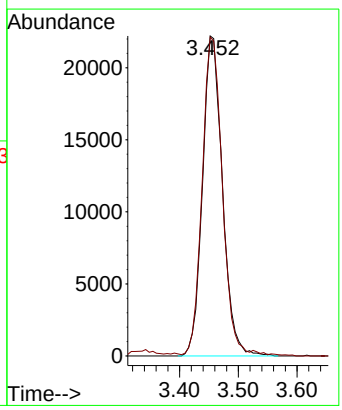
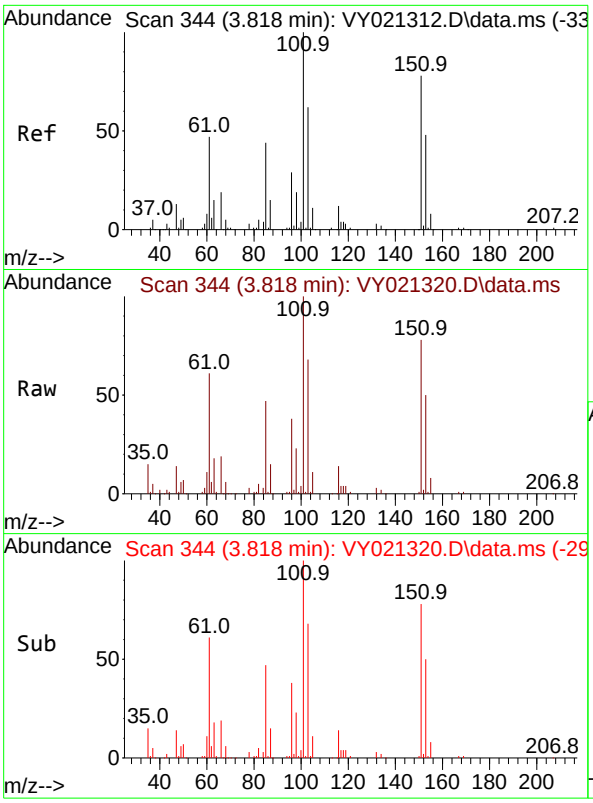


#8
Diethyl Ether
Concen: 49.537 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 74 Resp: 52323

Ion	Ratio	Lower	Upper
74	100		
45	99.2	50.3	150.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.169 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:101 Resp: 9610

Ion	Ratio	Lower	Upper
101	100		
85	46.2	36.7	55.1
151	77.0	62.6	94.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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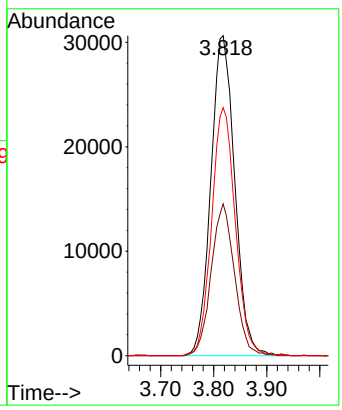
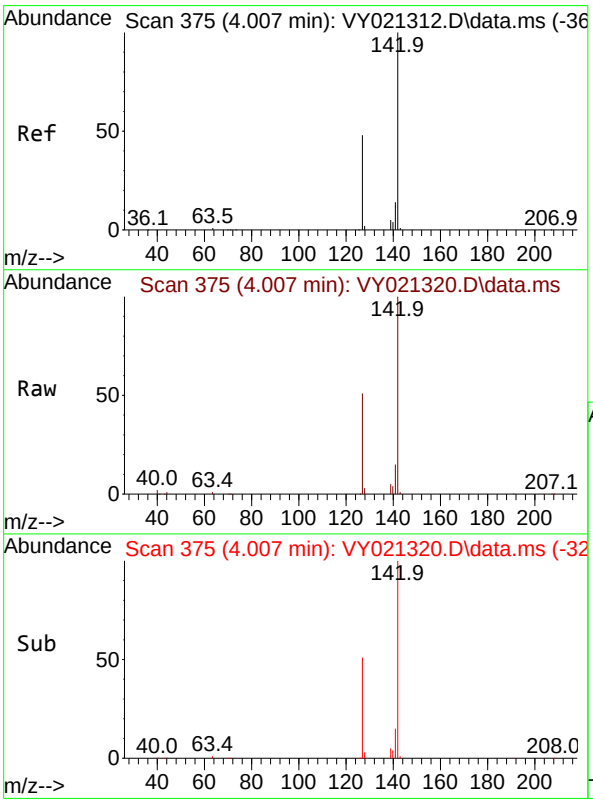
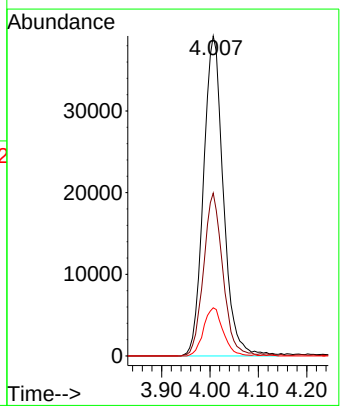


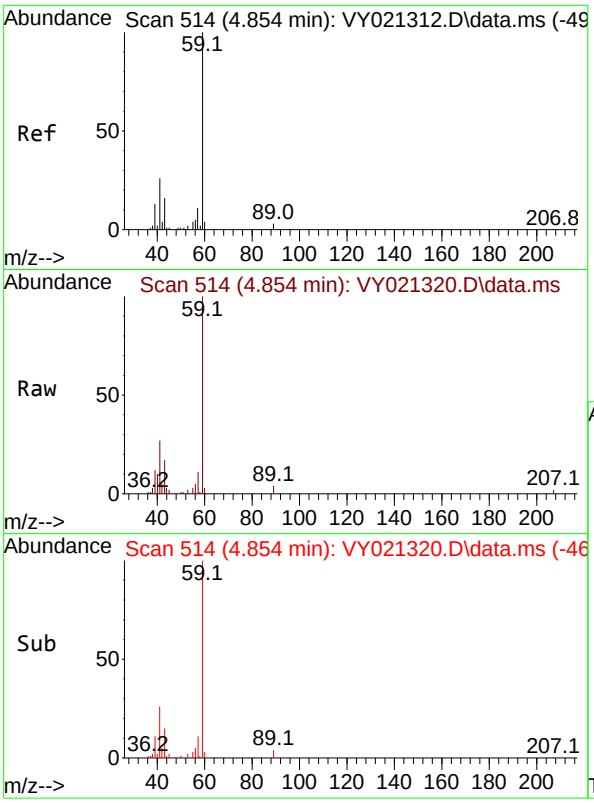


#10
Methyl Iodide
Concen: 52.212 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:142 Resp: 111918

Ion	Ratio	Lower	Upper
142	100		
127	49.4	39.2	58.8
141	14.8	11.4	17.2

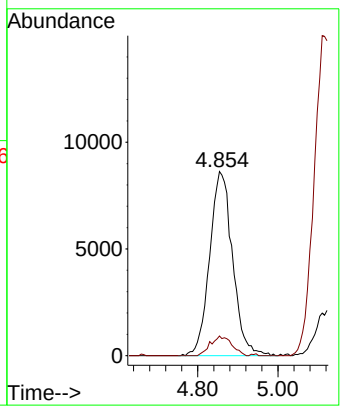




#11
Tert butyl alcohol
Concen: 202.221 ug/l
RT: 4.854 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 59 Resp: 3421

Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.3	12.5



Instrument :
MSVOA_Y
ClientSampleId :
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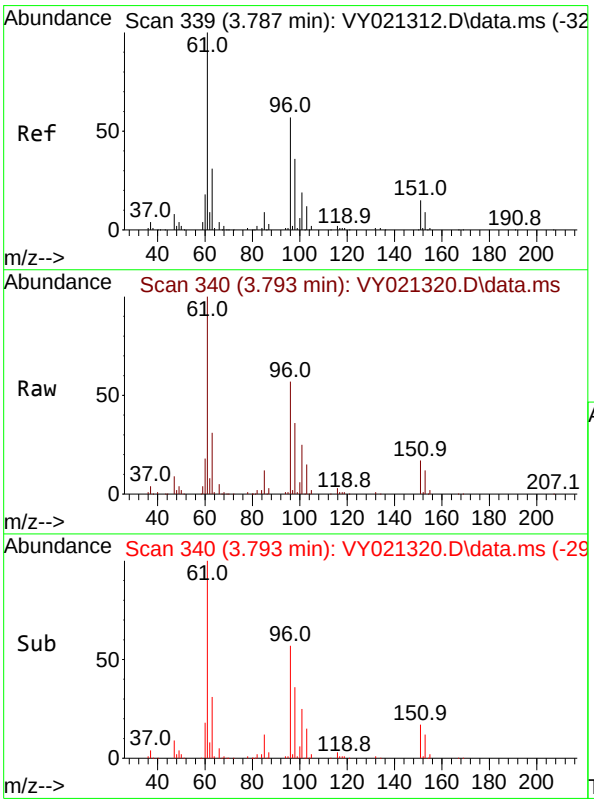
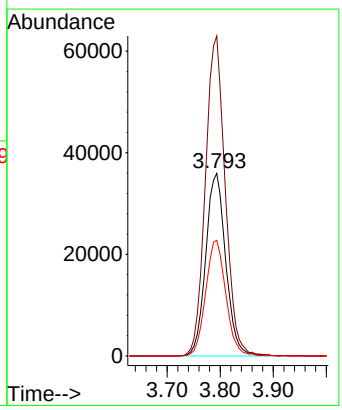
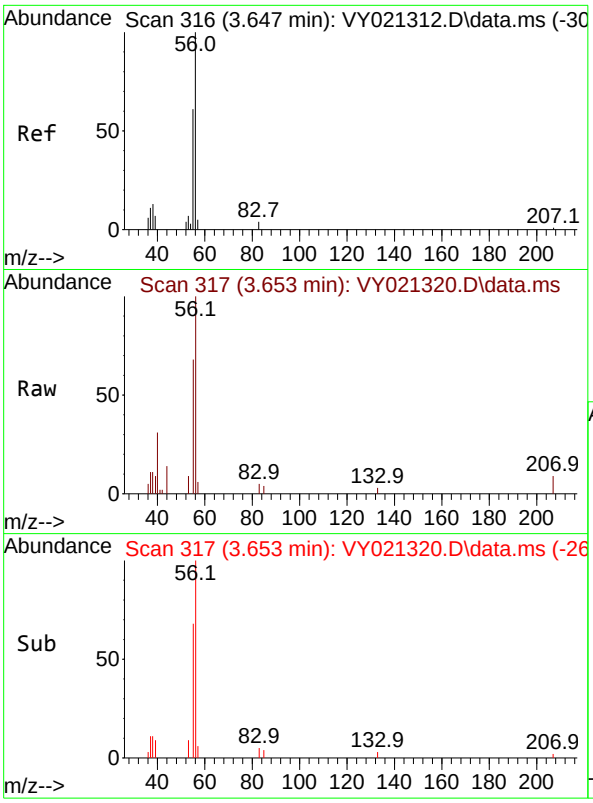


#12
1,1-Dichloroethene
Concen: 48.413 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 96 Resp: 94447

Ion	Ratio	Lower	Upper
96	100		
61	175.2	139.7	209.5
98	63.3	49.7	74.5

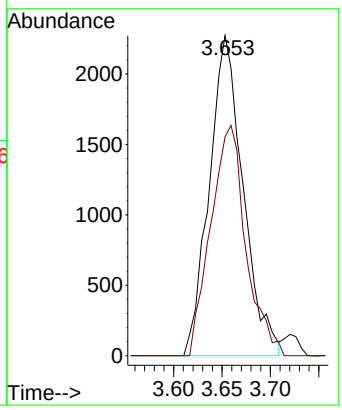




#13
Acrolein
Concen: 42.624 ug/l
RT: 3.653 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 56 Resp: 552

Ion	Ratio	Lower	Upper
56	100		
55	74.4	59.0	88.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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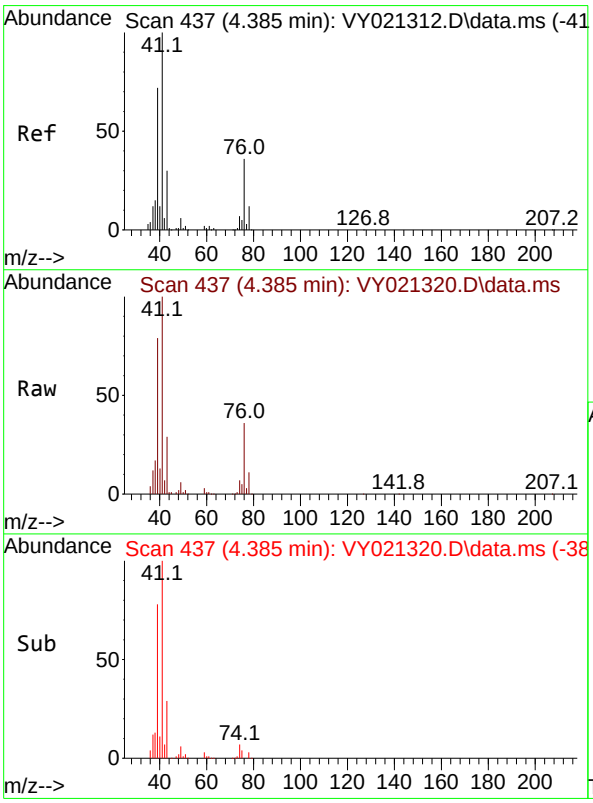
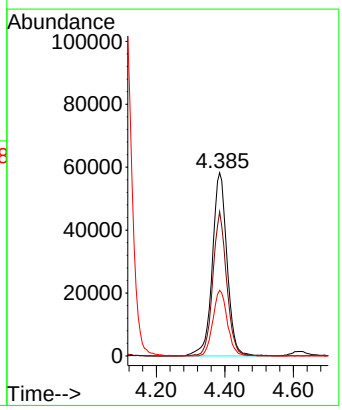
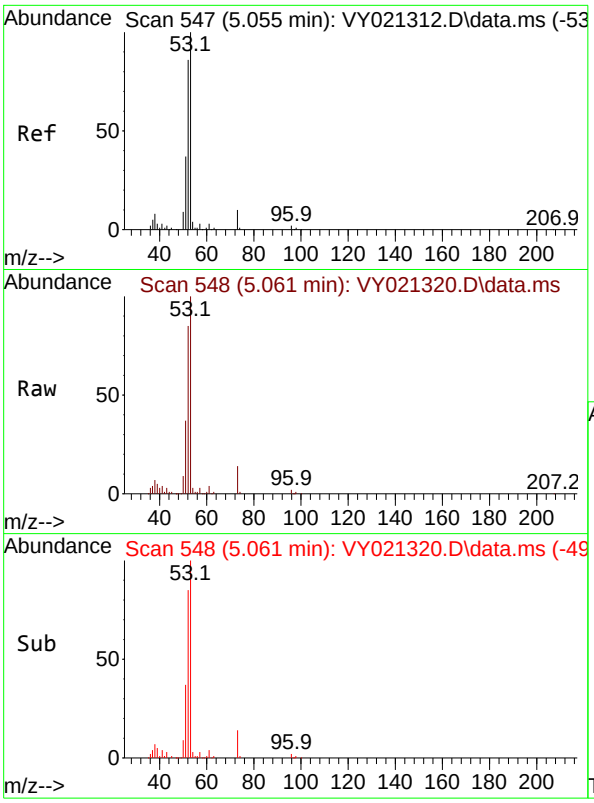


#14
Allyl chloride
Concen: 50.242 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 41 Resp: 173778

Ion	Ratio	Lower	Upper
41	100		
39	73.8	60.0	90.0
76	35.2	29.0	43.6





#15
Acrylonitrile
Concen: 241.892 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 53 Resp: 11296

Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.5	98.3
51	37.7	30.6	46.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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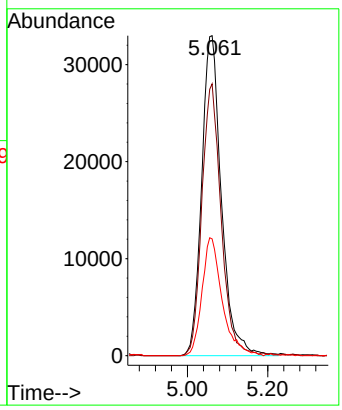
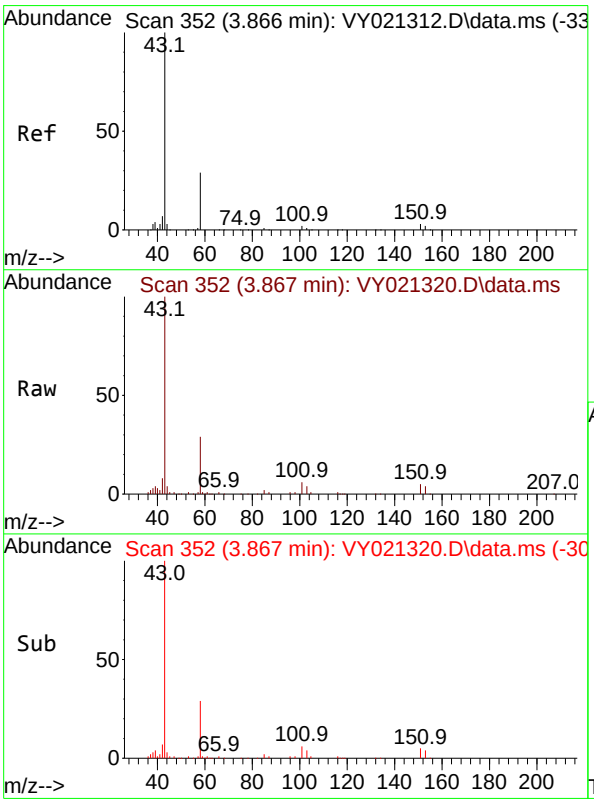
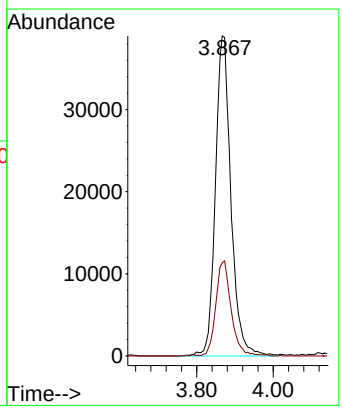


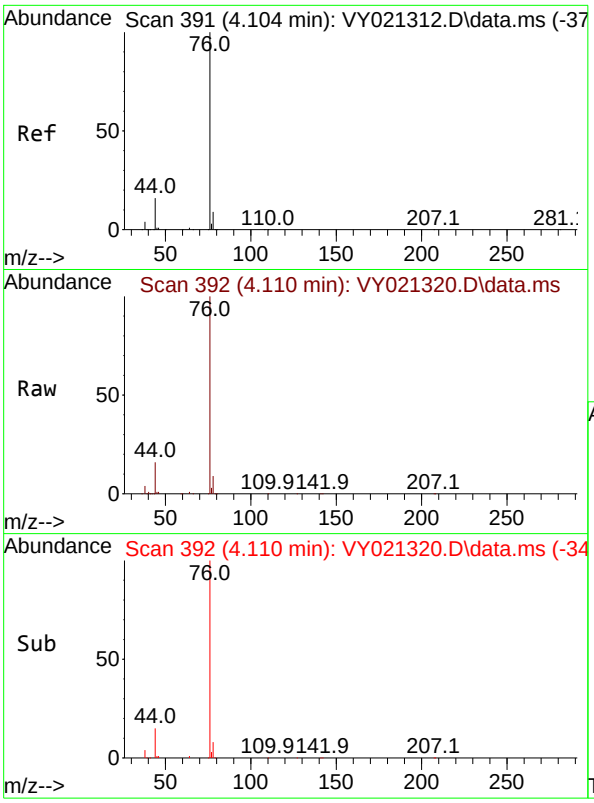


#16
Acetone
Concen: 260.267 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 43 Resp: 109810

Ion	Ratio	Lower	Upper
43	100		
58	29.2	23.5	35.3

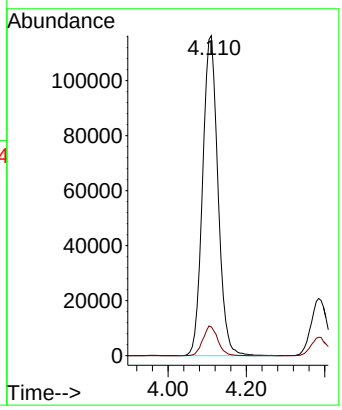




#17
Carbon Disulfide
Concen: 48.712 ug/l
RT: 4.110 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 76 Resp: 31556

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7



Instrument :
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ClientSampleId :
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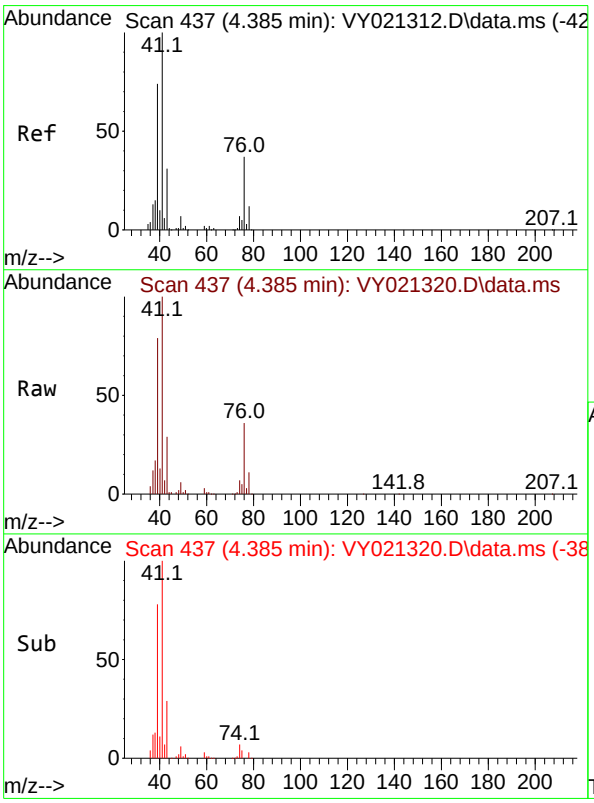
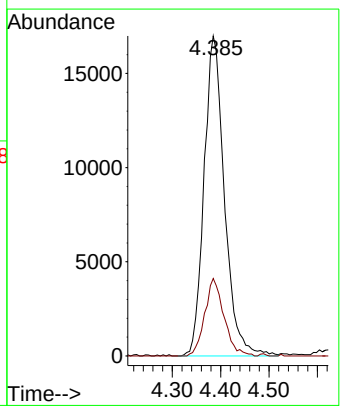
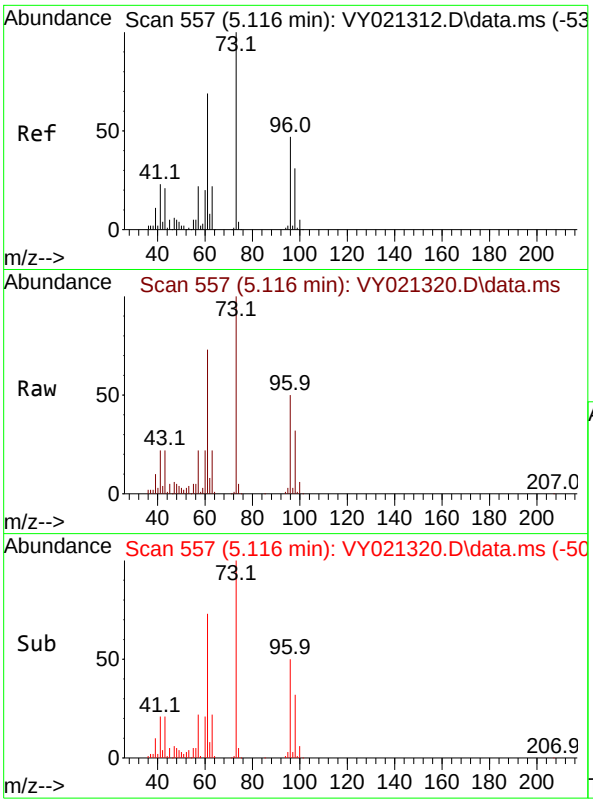


#18
Methyl Acetate
Concen: 48.342 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 43 Resp: 49846

Ion	Ratio	Lower	Upper
43	100		
74	22.8	17.7	26.5

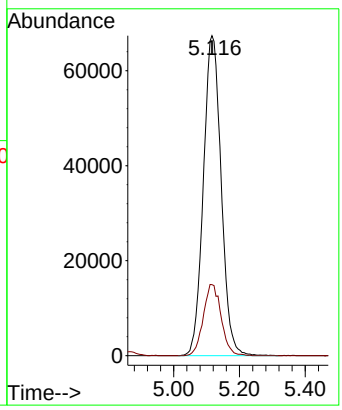




#19
Methyl tert-butyl Ether
Concen: 49.206 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 73 Resp: 25362

Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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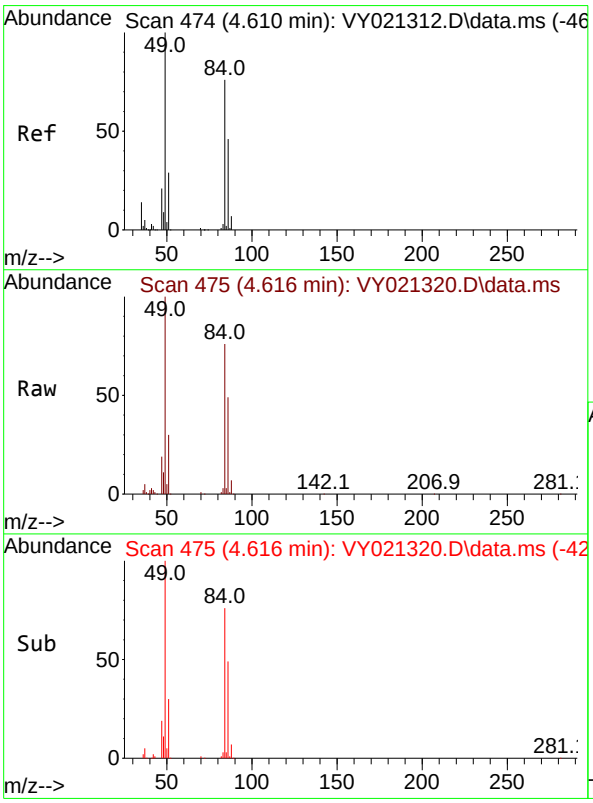
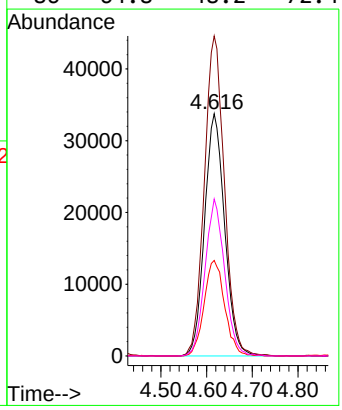
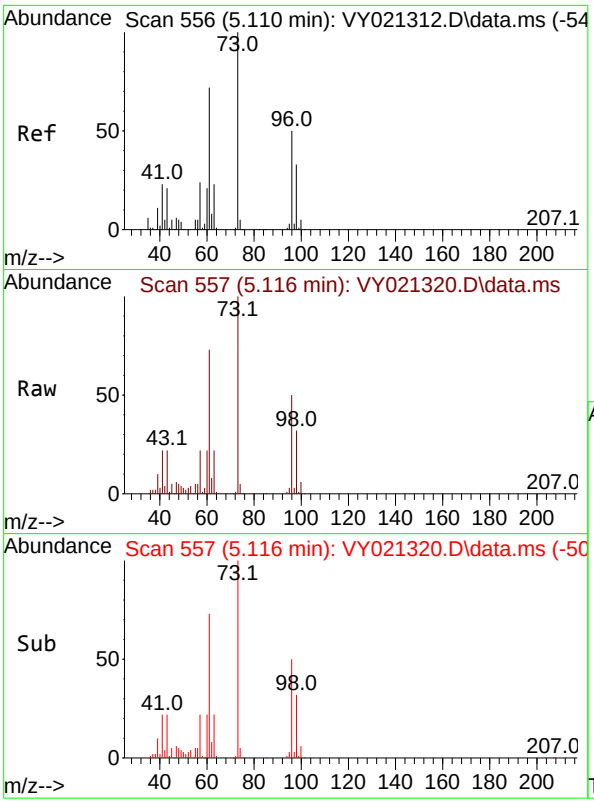


#20
Methylene Chloride
Concen: 45.263 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 84 Resp: 103268

Ion	Ratio	Lower	Upper
84	100		
49	132.1	105.1	157.7
51	39.5	31.0	46.4
86	64.8	48.2	72.4

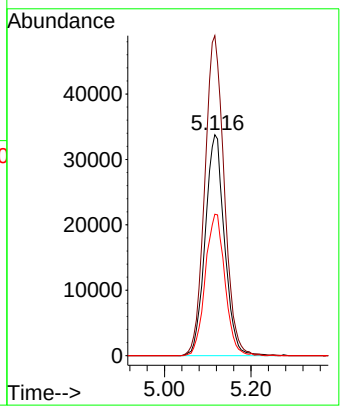




#21
trans-1,2-Dichloroethene
Concen: 48.708 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 96 Resp: 10460

Ion	Ratio	Lower	Upper
96	100		
61	144.8	116.3	174.5
98	64.0	52.6	78.8



Instrument :
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ClientSampleId :
VSTDCCC050

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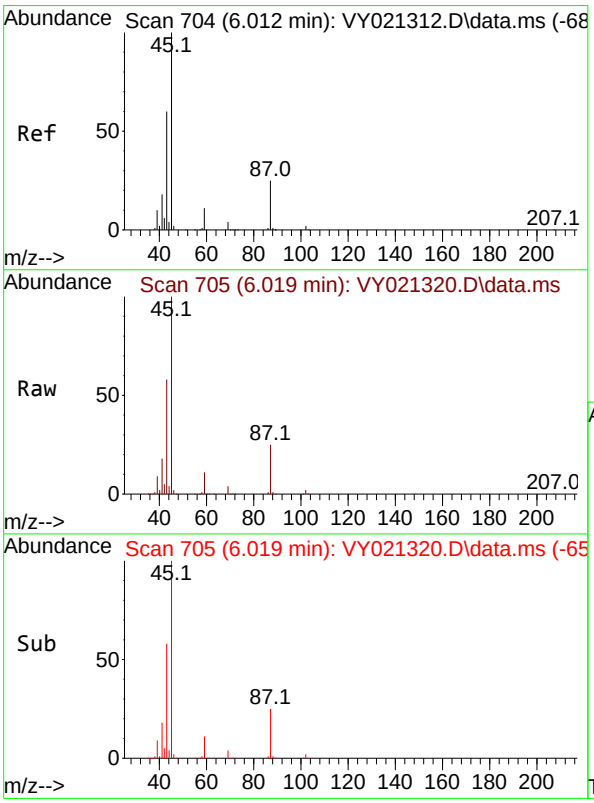
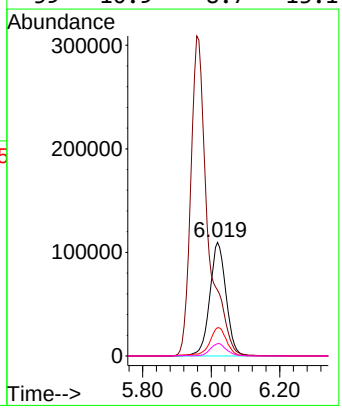
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

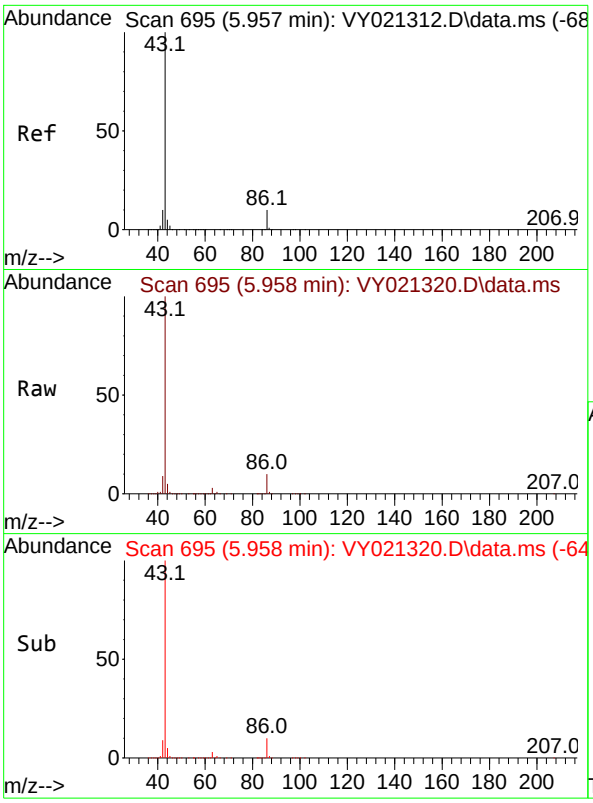


#22
Diisopropyl ether
Concen: 50.442 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 45 Resp: 361038

Ion	Ratio	Lower	Upper
45	100		
43	57.7	48.2	72.4
87	24.9	20.3	30.5
59	10.9	8.7	13.1





#23
Vinyl Acetate
Concen: 249.197 ug/l
RT: 5.958 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 43 Resp: 106584

Ion	Ratio	Lower	Upper
43	100		
86	9.5	8.0	12.0

Instrument :
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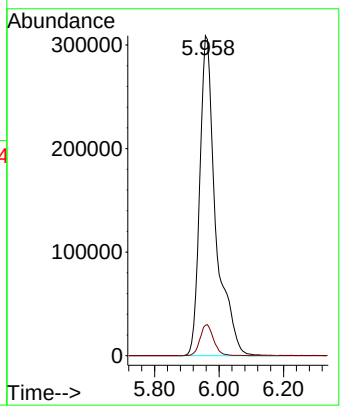
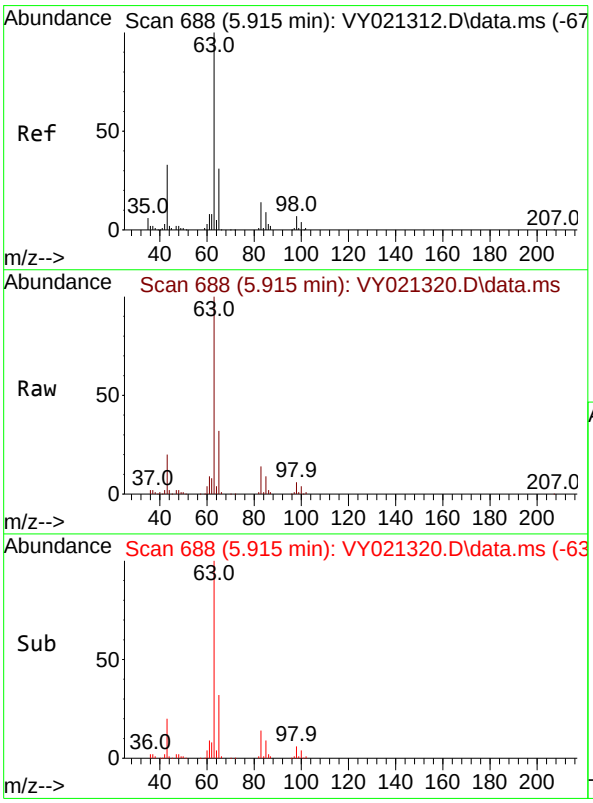
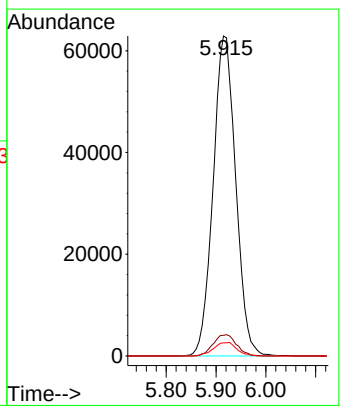


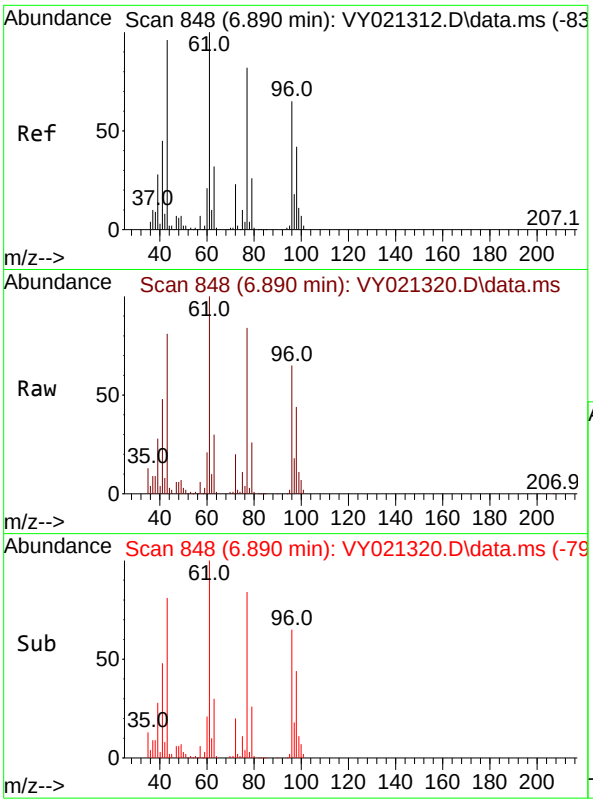


#24
1,1-Dichloroethane
Concen: 49.069 ug/l
RT: 5.915 min Scan# 688
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 63 Resp: 197949

Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.7	11.1
100	4.1	2.1	6.5





#25
2-Butanone
Concen: 246.999 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 43 Resp: 15728

Ion	Ratio	Lower	Upper
43	100		
72	24.5	19.0	28.6

Instrument :
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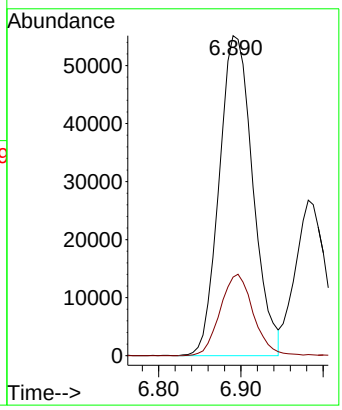
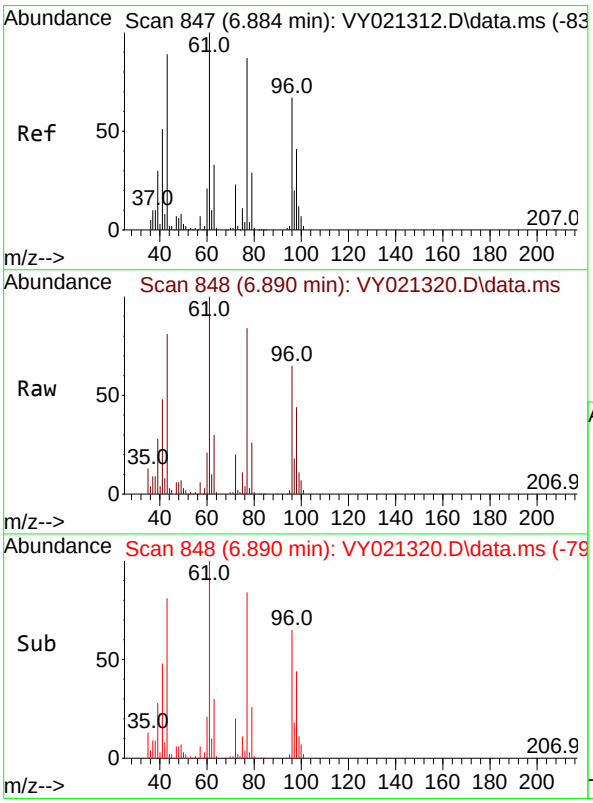
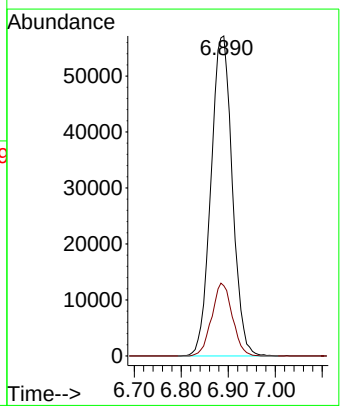


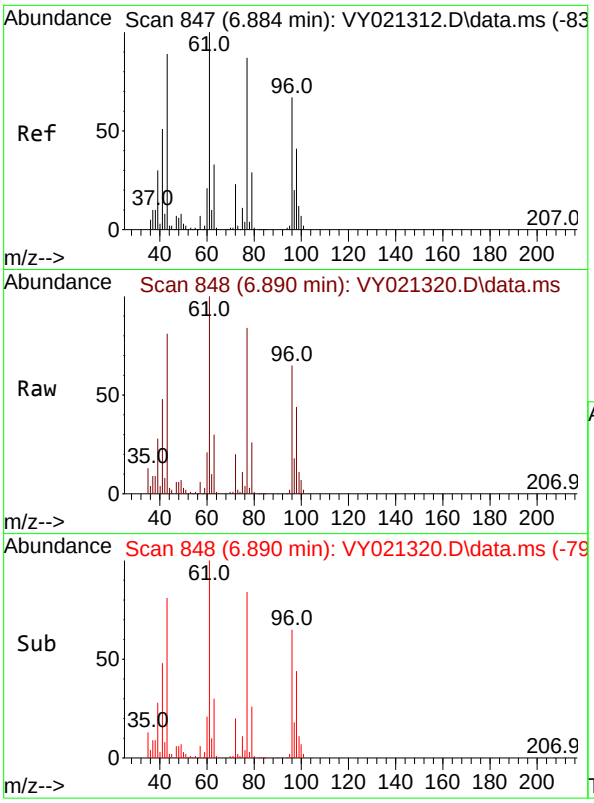


#26
2,2-Dichloropropane
Concen: 49.191 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 77 Resp: 180065

Ion	Ratio	Lower	Upper
77	100		
97	21.9	10.9	32.7

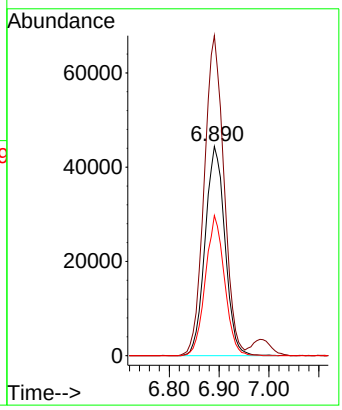




#27
cis-1,2-Dichloroethene
Concen: 50.053 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 96 Resp: 12275

Ion	Ratio	Lower	Upper
96	100		
61	152.2	0.0	308.0
98	64.6	0.0	129.6



Instrument :
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ClientSampleId :
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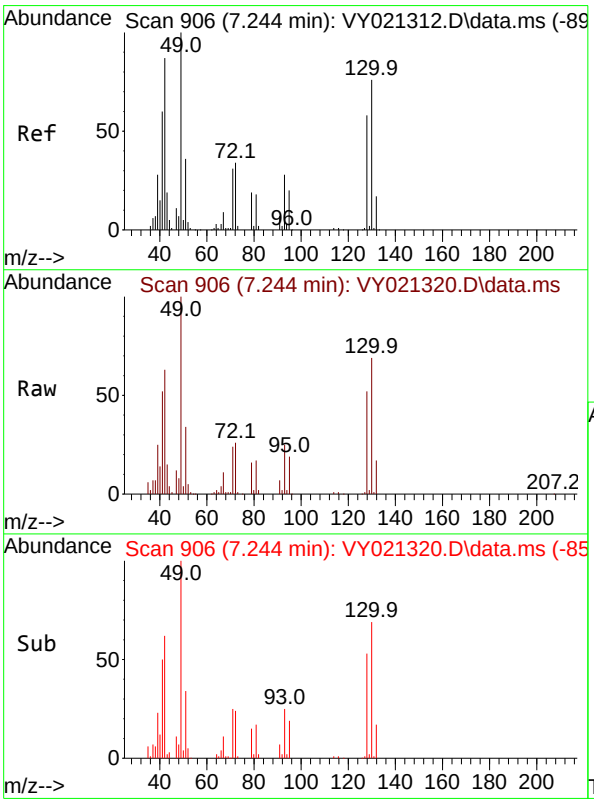
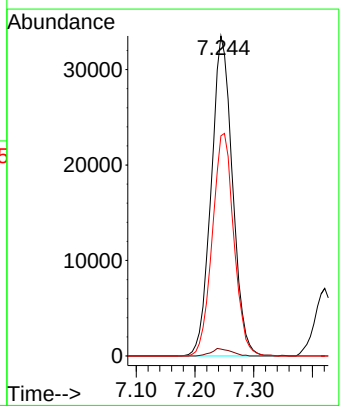
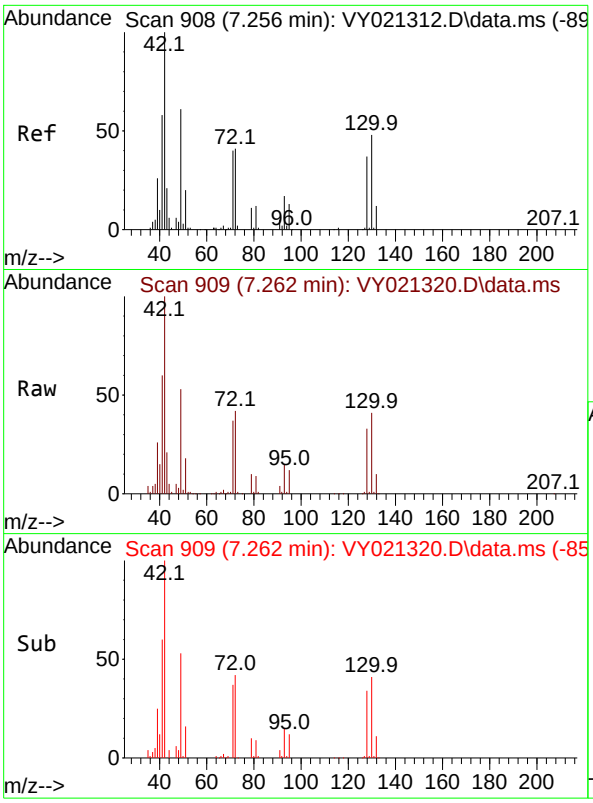


#28
Bromochloromethane
Concen: 47.247 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 49 Resp: 84337

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	70.3	57.8	86.6

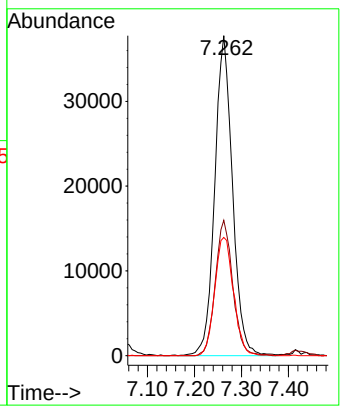




#29
Tetrahydrofuran
Concen: 238.435 ug/l
RT: 7.262 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 42 Resp: 9924

Ion	Ratio	Lower	Upper
42	100		
72	41.6	33.1	49.7
71	39.1	31.4	47.0



Instrument :
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ClientSampleId :
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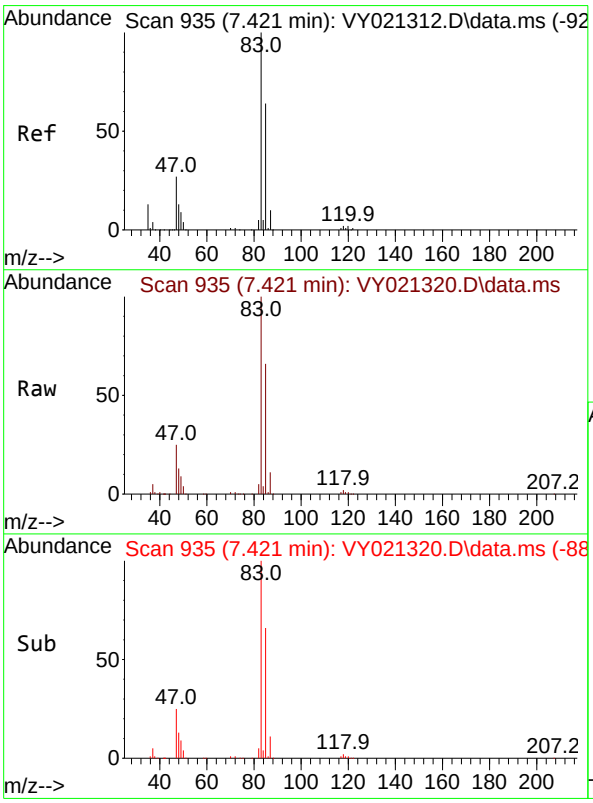
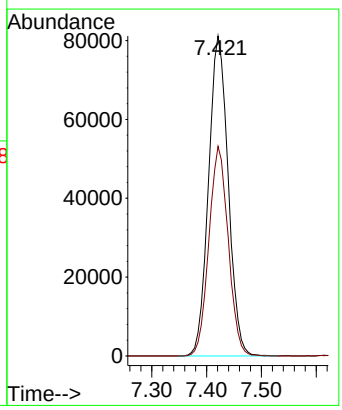
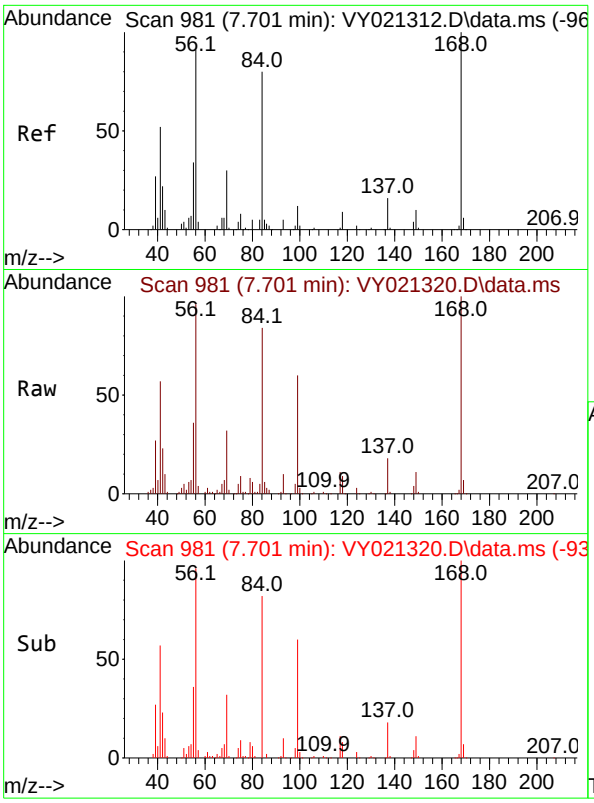


#30
Chloroform
Concen: 49.253 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 83 Resp: 201334

Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.6	77.4

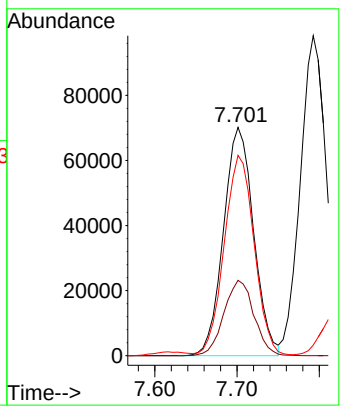




#31
Cyclohexane
Concen: 46.094 ug/l
RT: 7.701 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 56 Resp: 17874

Ion	Ratio	Lower	Upper
56	100		
69	33.0	26.2	39.4
84	86.1	70.2	105.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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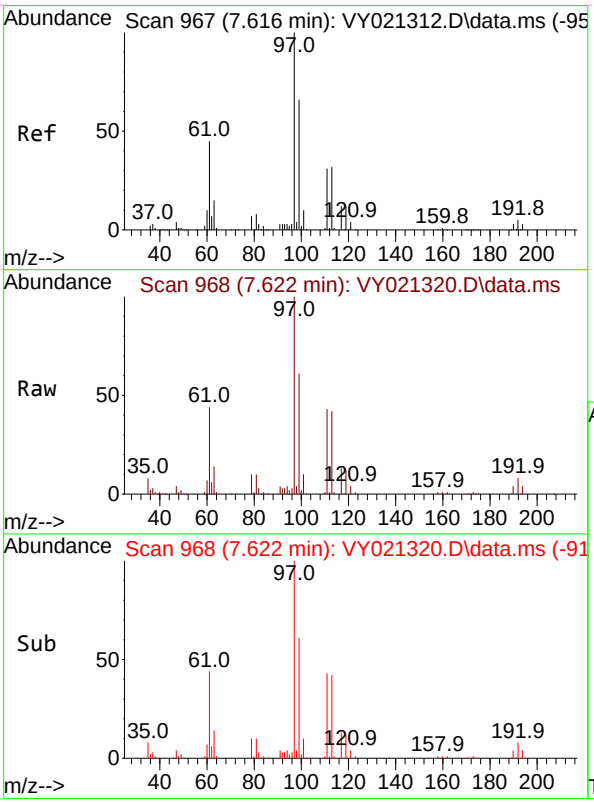
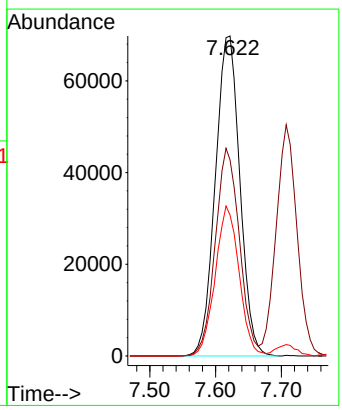
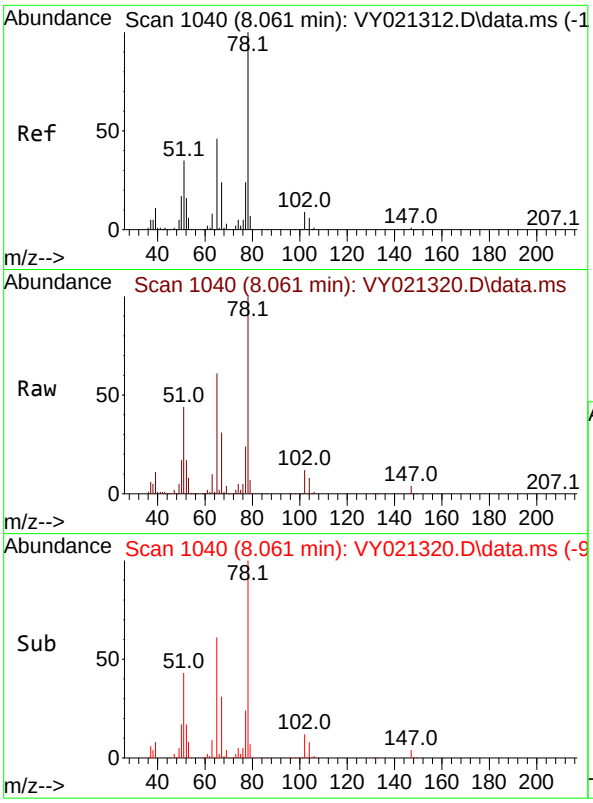


#32
1,1,1-Trichloroethane
Concen: 48.795 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 97 Resp: 181553

Ion	Ratio	Lower	Upper
97	100		
99	63.7	52.4	78.6
61	45.6	36.2	54.2

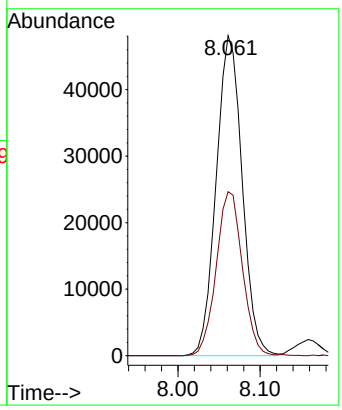




#33
1,2-Dichloroethane-d4
Concen: 47.987 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 65 Resp: 10554

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	103.6



Instrument :
MSVOA_Y
ClientSampleId :
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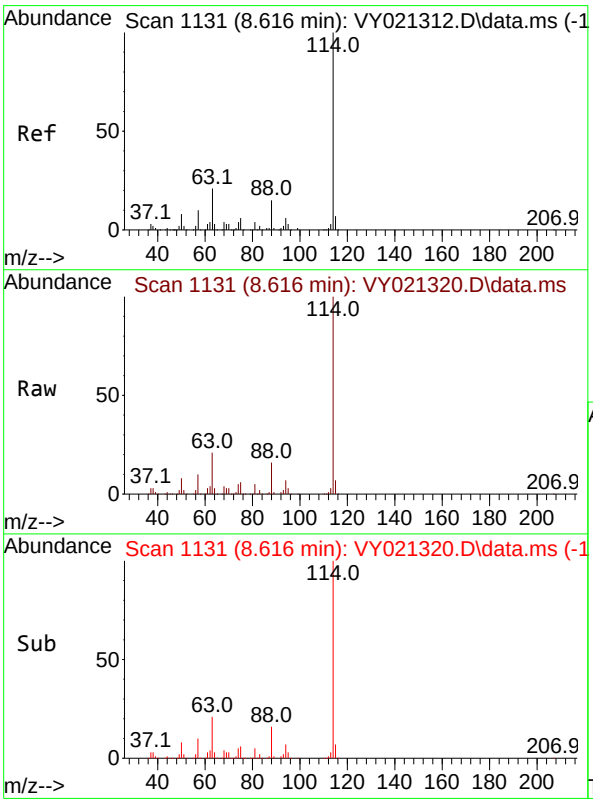
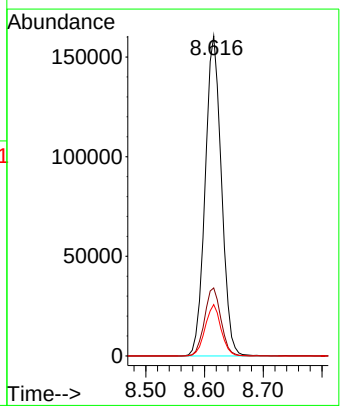
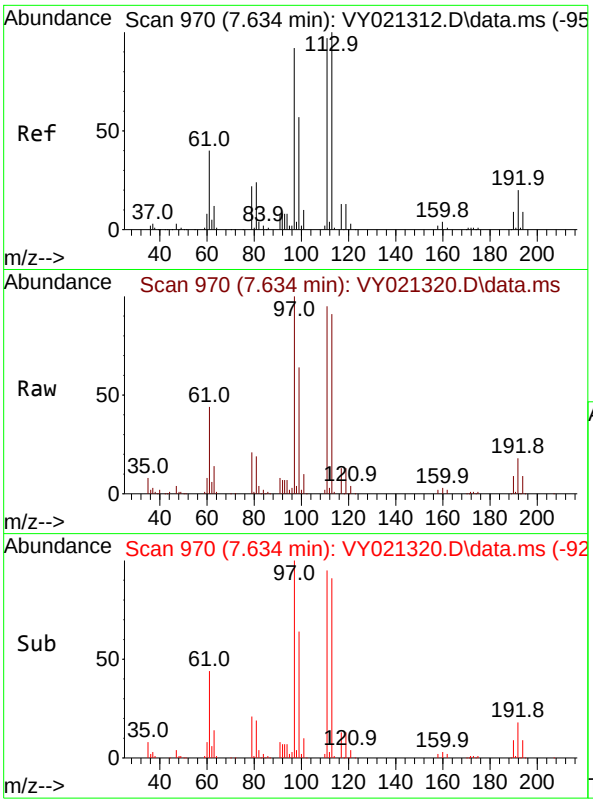


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:114 Resp: 308714

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	42.2
88	16.0	0.0	29.8

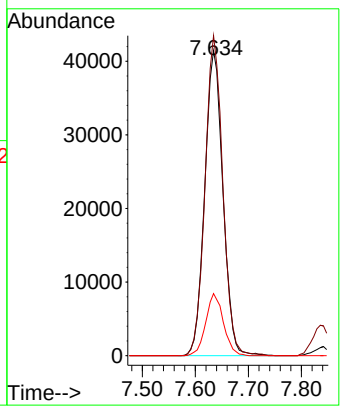




#35
Dibromofluoromethane
Concen: 48.743 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:113 Resp: 9865

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.0	121.6
192	19.8	15.8	23.8



Instrument :
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ClientSampleId :
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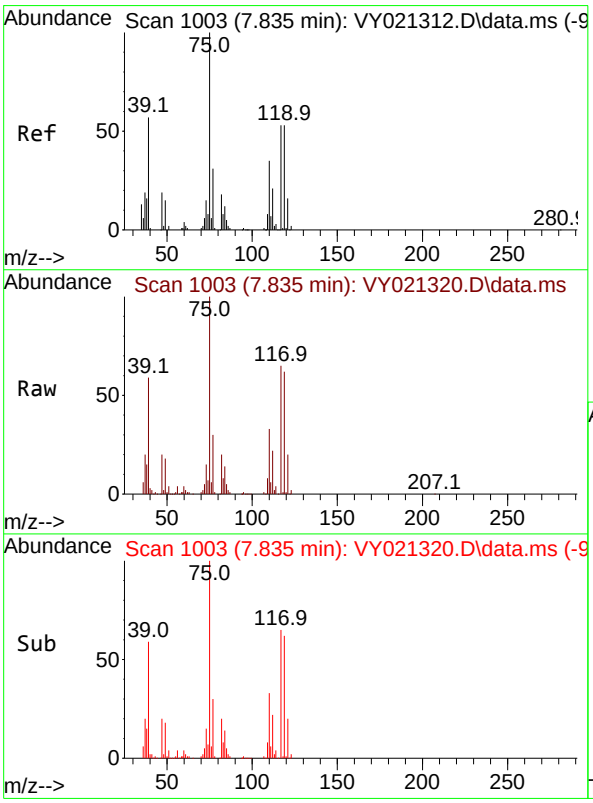
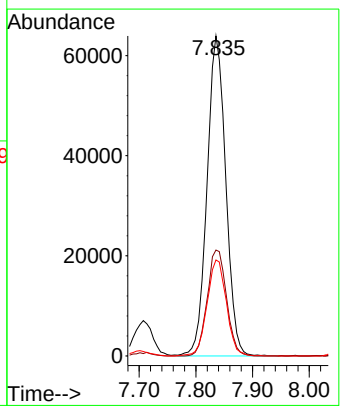
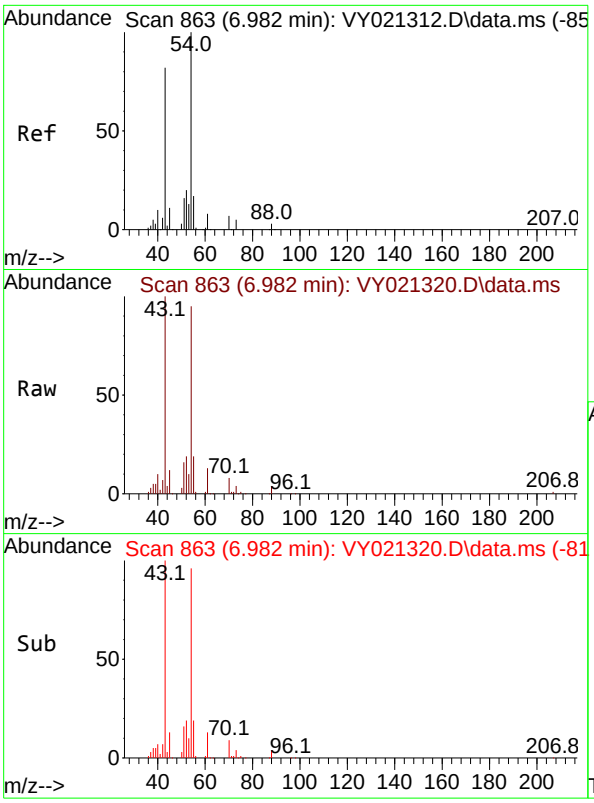


#36
1,1-Dichloropropene
Concen: 48.254 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 75 Resp: 146702

Ion	Ratio	Lower	Upper
75	100		
110	34.1	16.9	50.7
77	30.9	24.6	36.8





#37
Ethyl Acetate
Concen: 48.080 ug/l
RT: 6.982 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 43 Resp: 7271

Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.4	15.6
70	9.2	7.5	11.3

Instrument :
MSVOA_Y
ClientSampleId :
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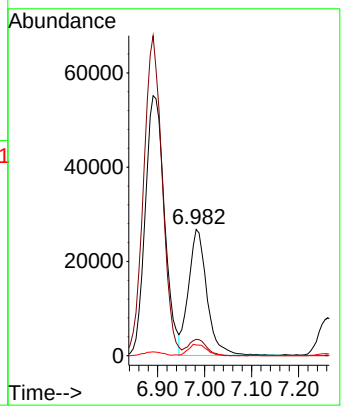
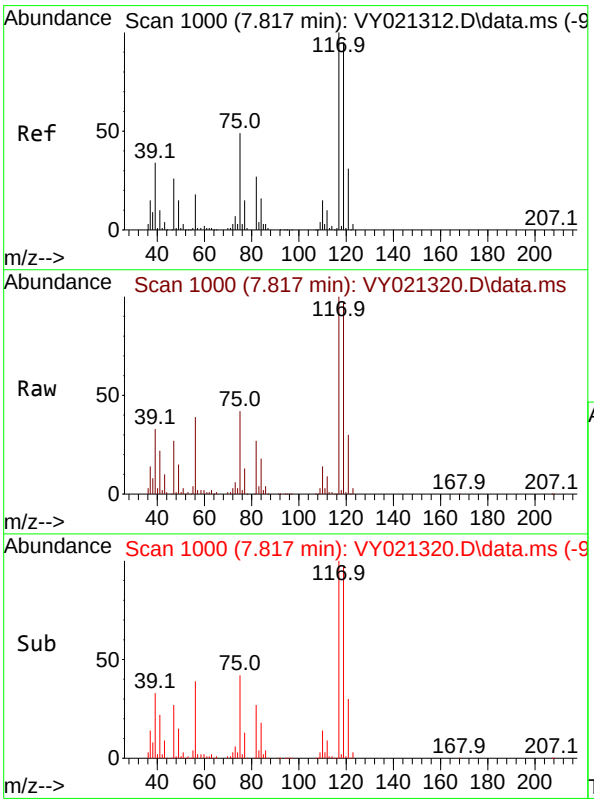
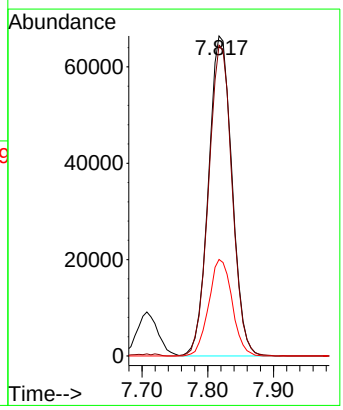


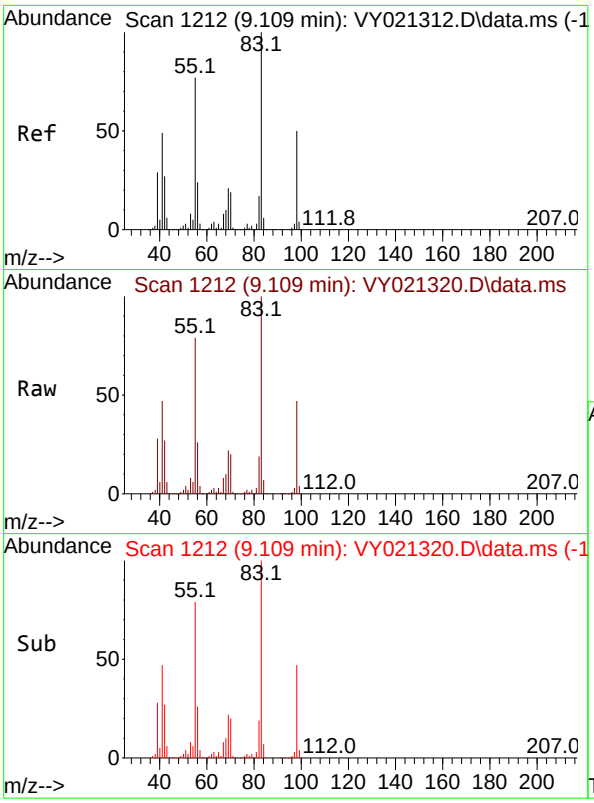


#38
Carbon Tetrachloride
Concen: 48.402 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:117 Resp: 165430

Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.0	114.0
121	30.1	24.9	37.3

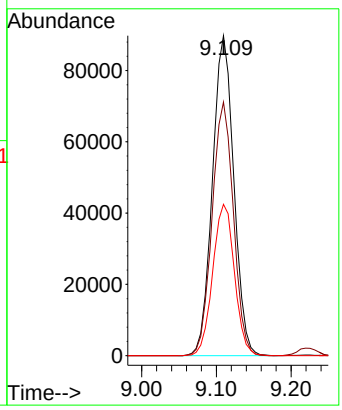




#39
Methylcyclohexane
Concen: 46.422 ug/l
RT: 9.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 83 Resp: 17850

Ion	Ratio	Lower	Upper
83	100		
55	79.2	61.3	91.9
98	47.3	39.9	59.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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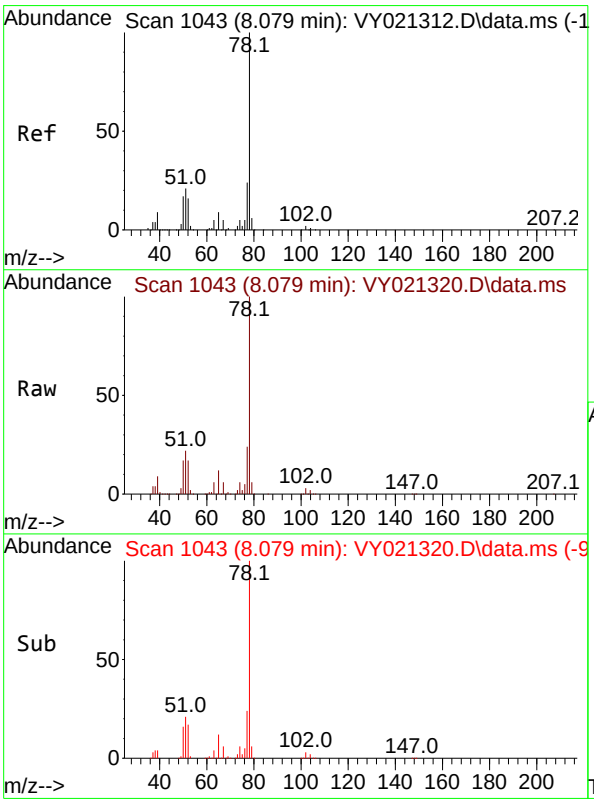
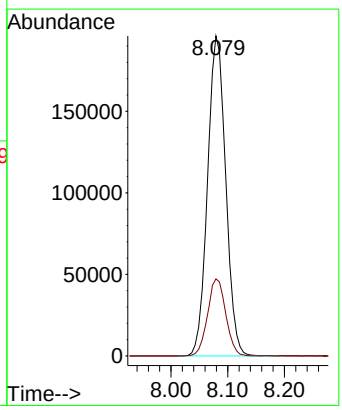
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

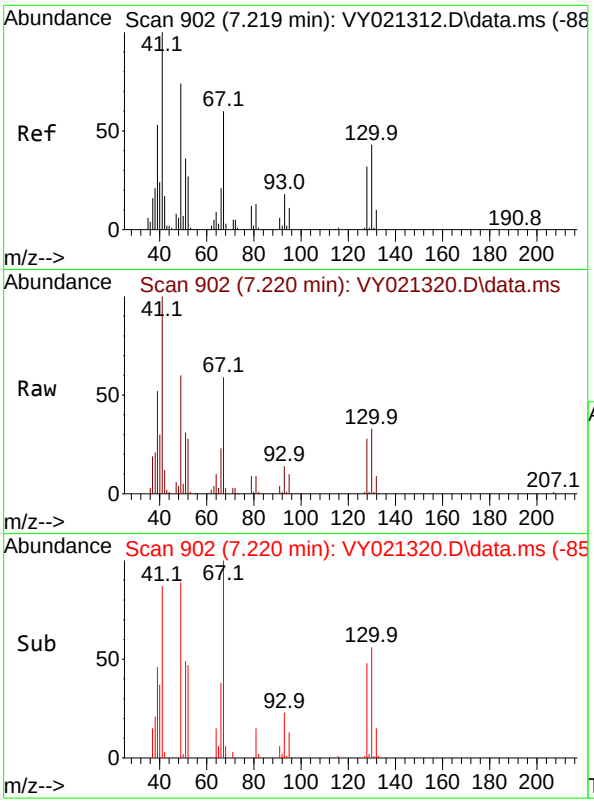


#40
Benzene
Concen: 48.593 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 78 Resp: 436709

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.2	28.8

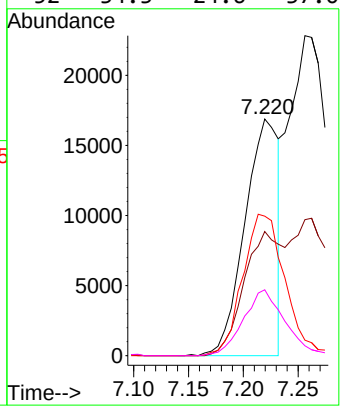




#41
Methacrylonitrile
Concen: 42.766 ug/l
RT: 7.220 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 41 Resp: 3616

Ion	Ratio	Lower	Upper
41	100		
39	61.0	42.3	63.5
67	75.4	54.8	82.2
52	34.3	24.6	37.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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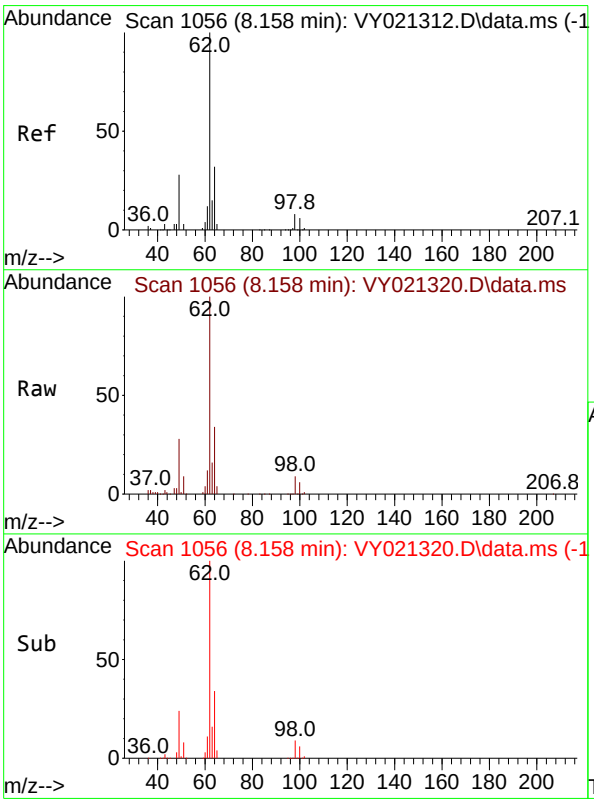
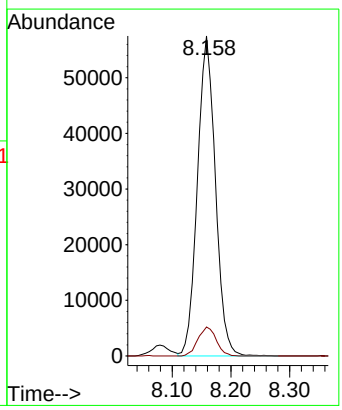
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

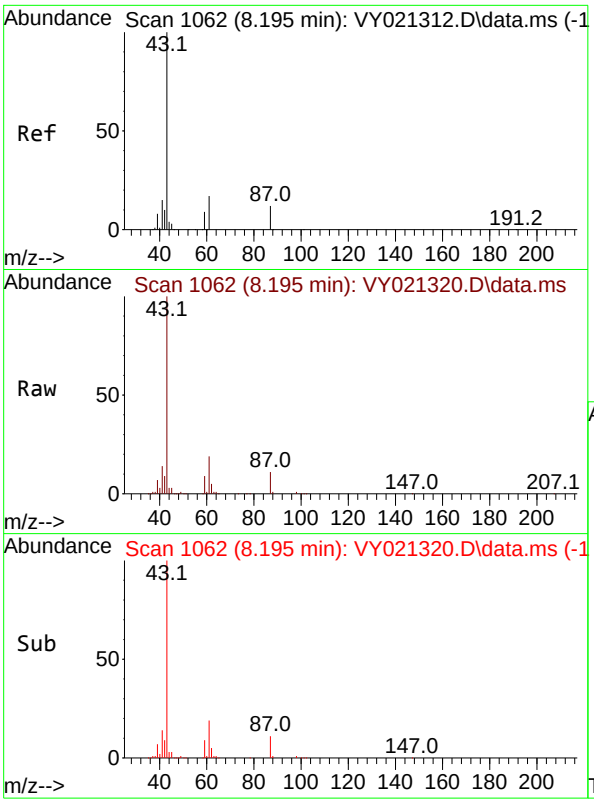


#42
1,2-Dichloroethane
Concen: 47.978 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 62 Resp: 122335

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.6

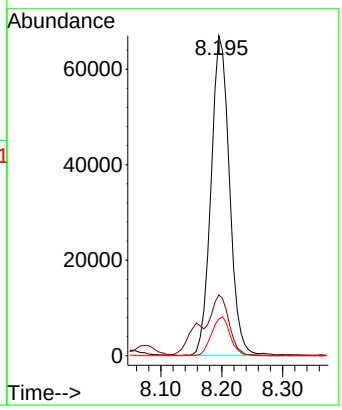




#43
Isopropyl Acetate
Concen: 47.984 ug/l
RT: 8.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 43 Resp: 14045

Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.0	22.6
87	12.3	10.0	15.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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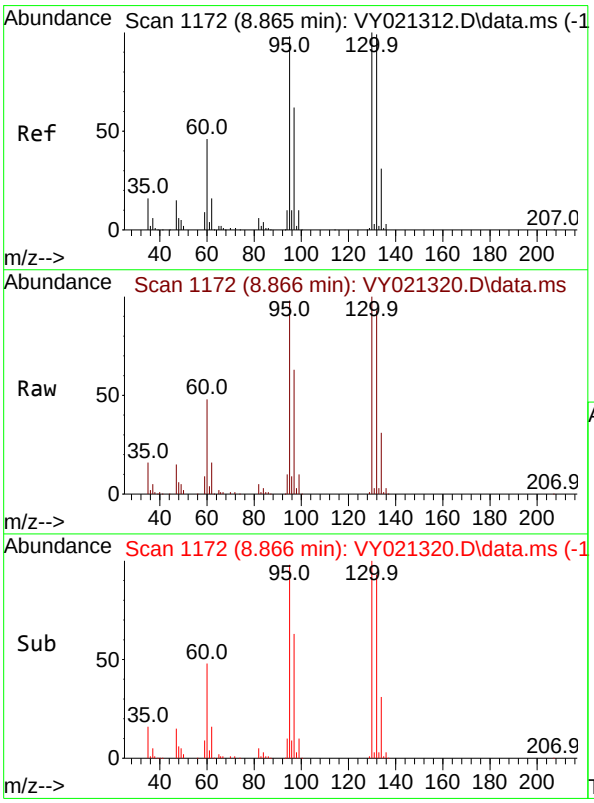
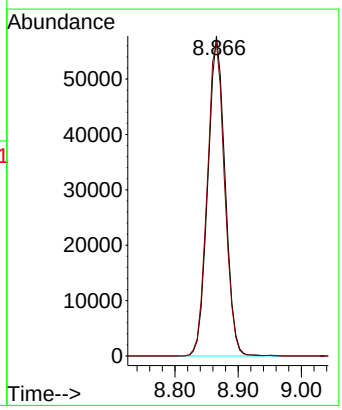
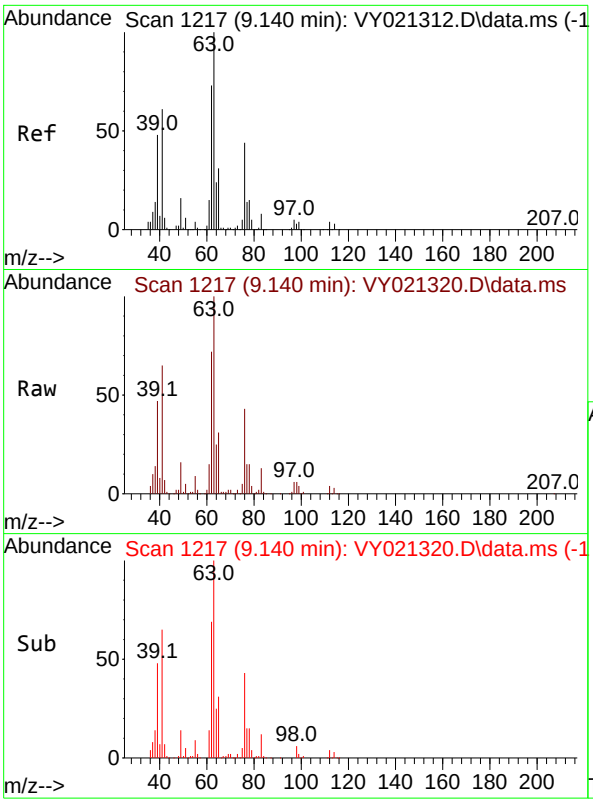


#44
Trichloroethene
Concen: 48.665 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:130 Resp: 109499

Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	196.0

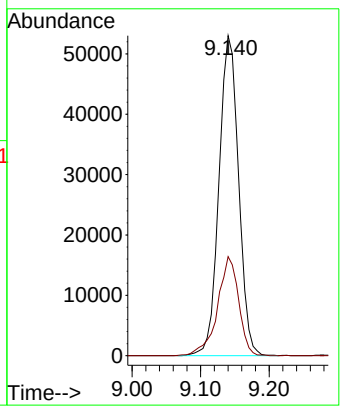




#45
1,2-Dichloropropane
Concen: 48.637 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 63 Resp: 10519

Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.6	36.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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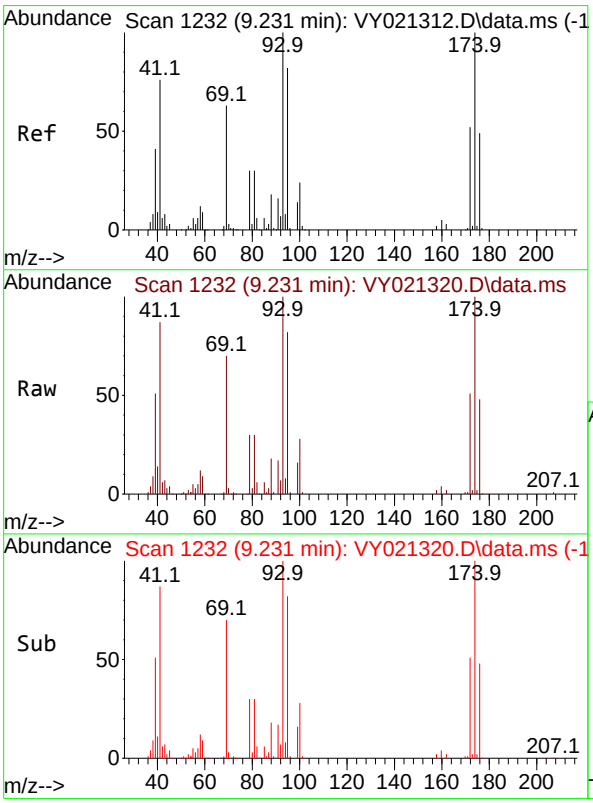
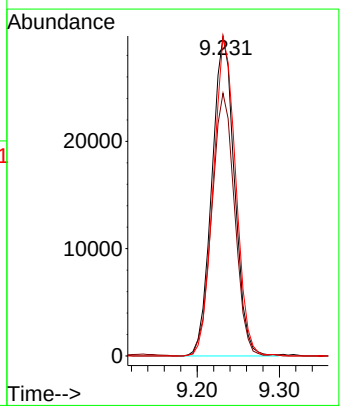
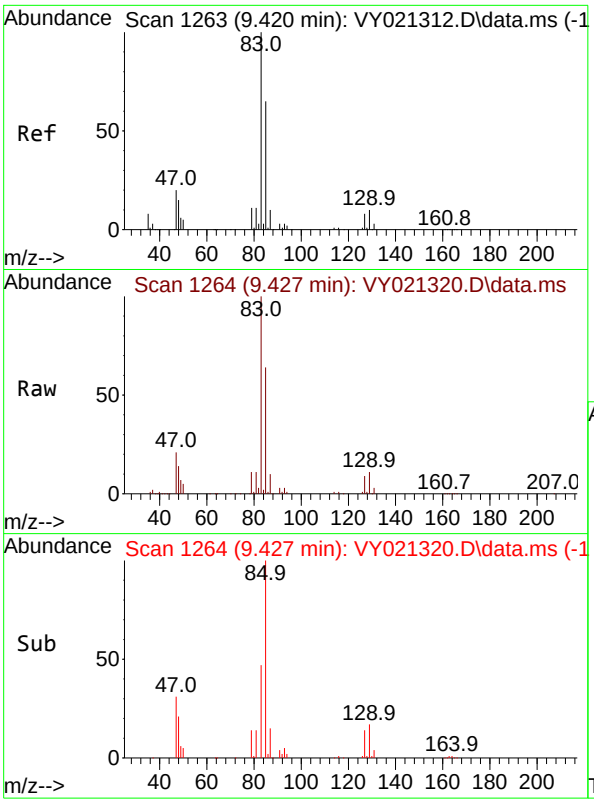


#46
Dibromomethane
Concen: 48.195 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 93 Resp: 56977

Ion	Ratio	Lower	Upper
93	100		
95	82.7	66.4	99.6
174	98.8	78.2	117.2

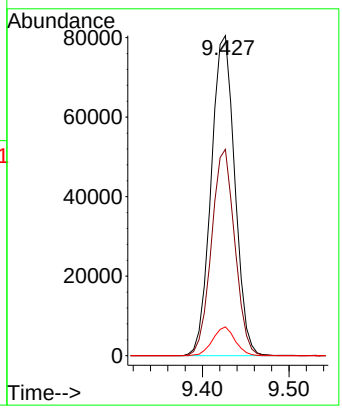




#47
Bromodichloromethane
Concen: 48.352 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 83 Resp: 15241

Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.8	77.8
127	9.0	6.7	10.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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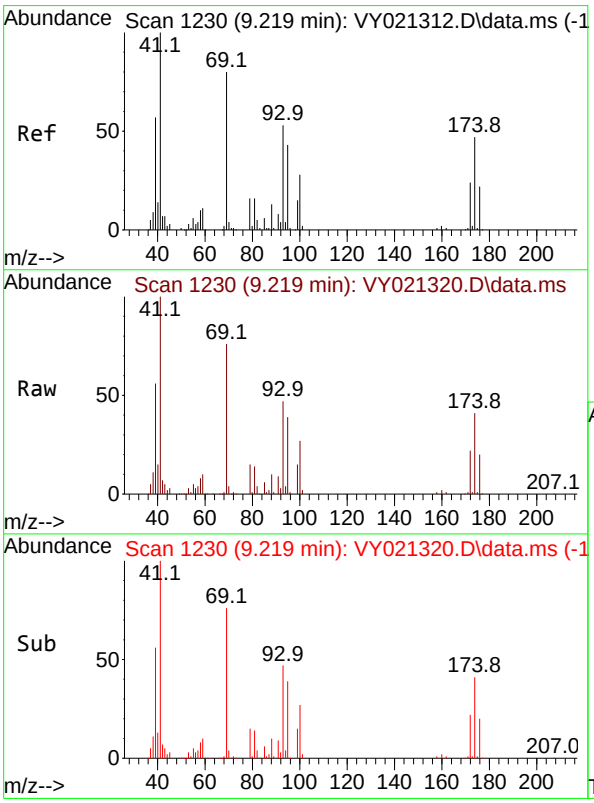
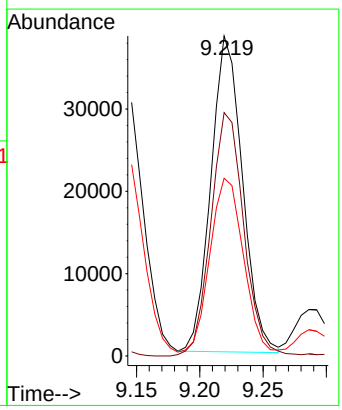
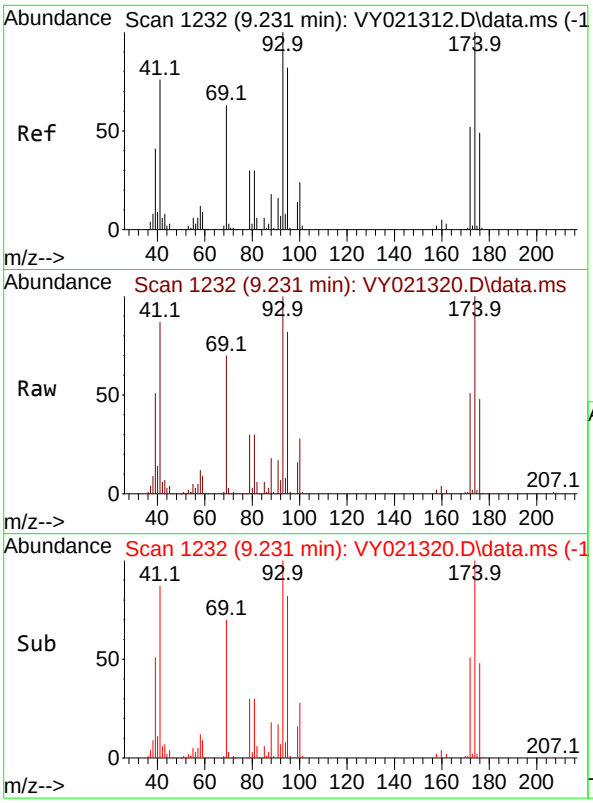


#48
Methyl methacrylate
Concen: 48.481 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 41 Resp: 66362

Ion	Ratio	Lower	Upper
41	100		
69	80.7	63.3	94.9
39	58.6	45.0	67.6





#49
1,4-Dioxane
Concen: 944.605 ug/l
RT: 9.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 88 Resp: 1241

Ion	Ratio	Lower	Upper
88	100		
43	35.7	34.8	52.2
58	74.3	59.8	89.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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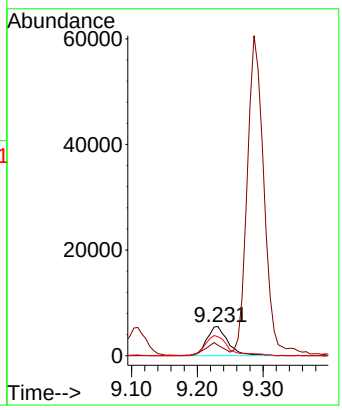
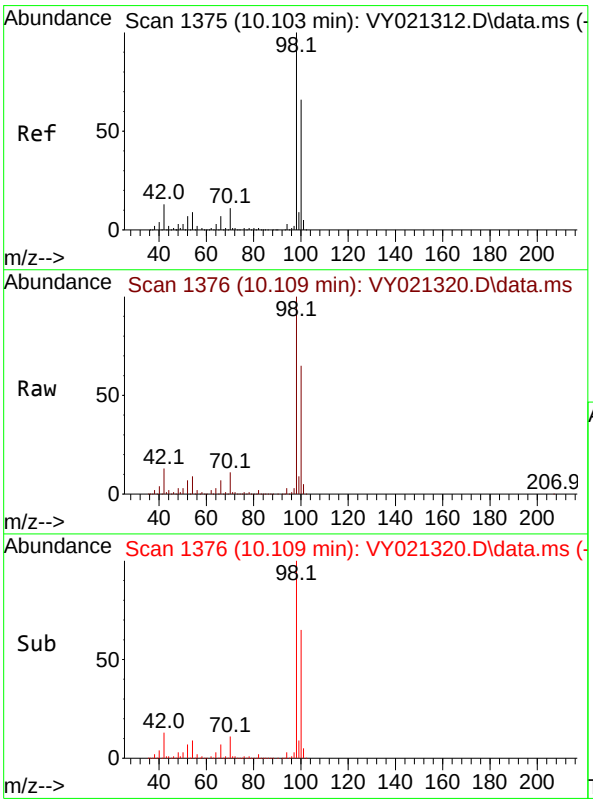
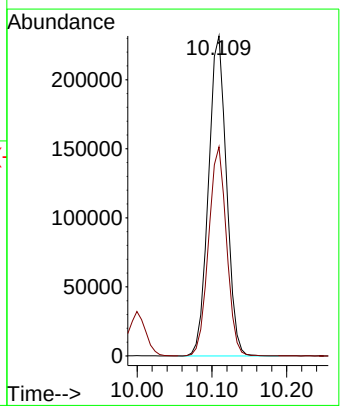


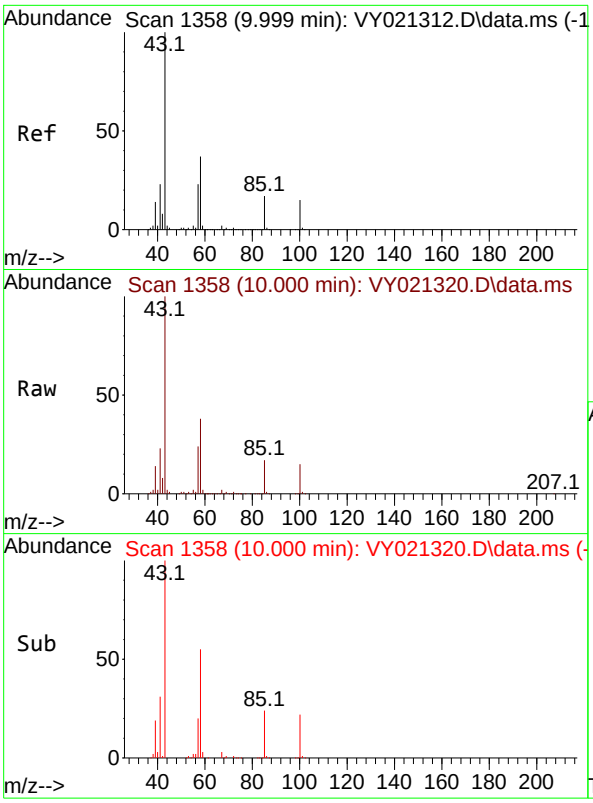


#50
Toluene-d8
Concen: 49.599 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 98 Resp: 387966

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.4	78.6

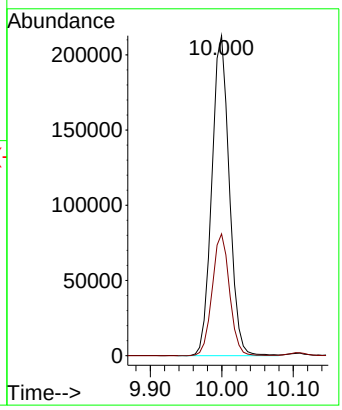




#51
4-Methyl-2-Pentanone
Concen: 240.853 ug/l
RT: 10.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 43 Resp: 36089

Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.1	45.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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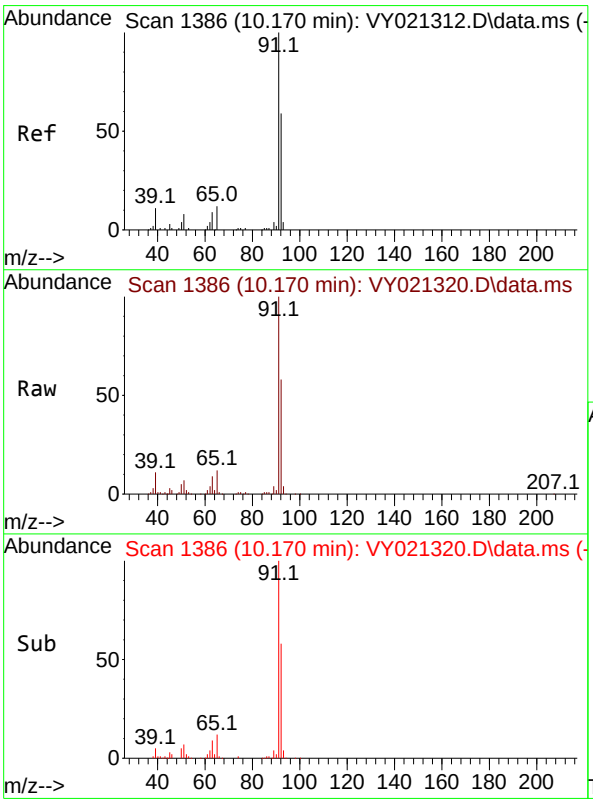
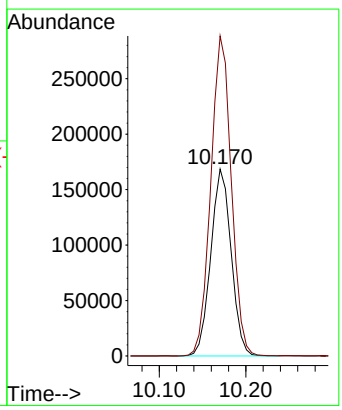
Supervised By :Mahesh Dadoda 02/27/2025

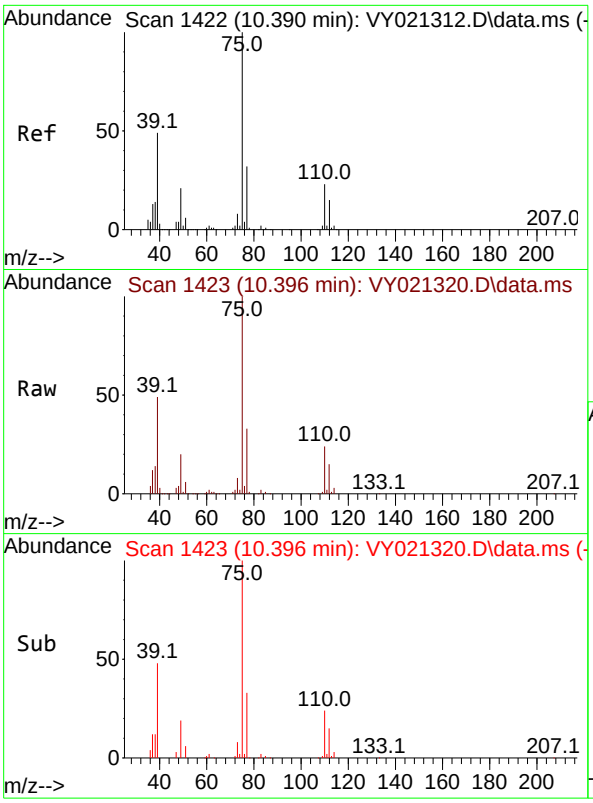


#52
Toluene
Concen: 49.351 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 92 Resp: 275527

Ion	Ratio	Lower	Upper
92	100		
91	172.3	137.8	206.8

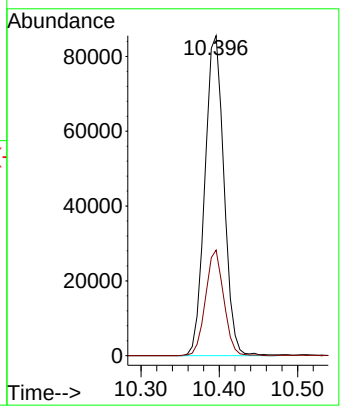




#53
t-1,3-Dichloropropene
Concen: 49.988 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 75 Resp: 14436

Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.3	37.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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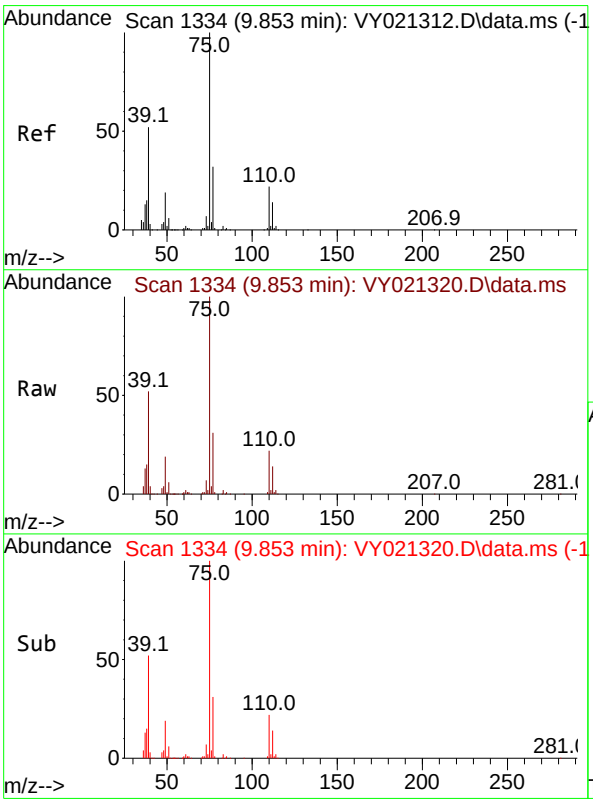
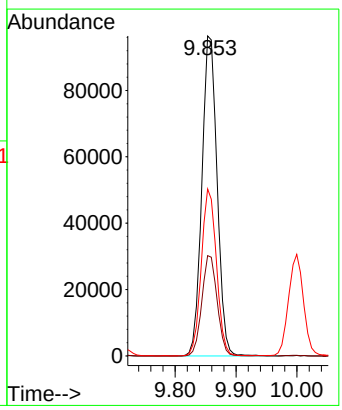
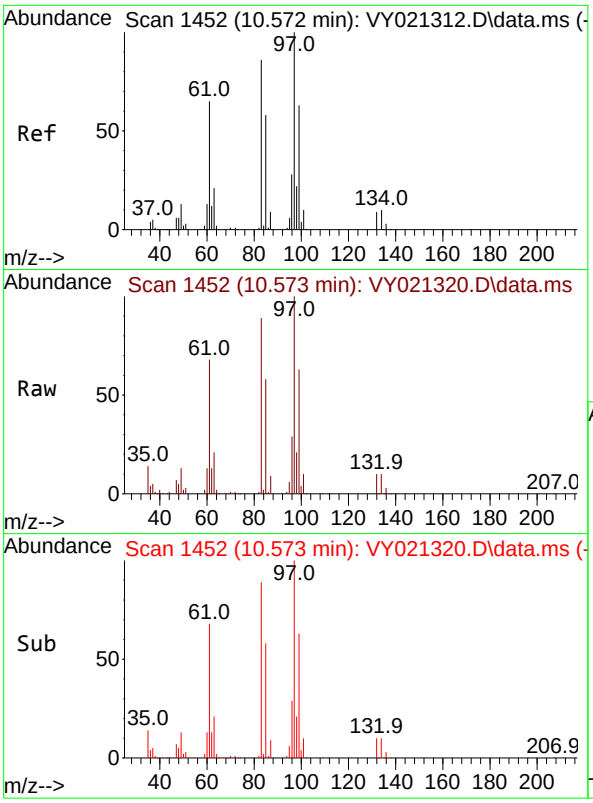


#54
cis-1,3-Dichloropropene
Concen: 49.192 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 75 Resp: 167718

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.7	38.5
39	52.1	41.8	62.6

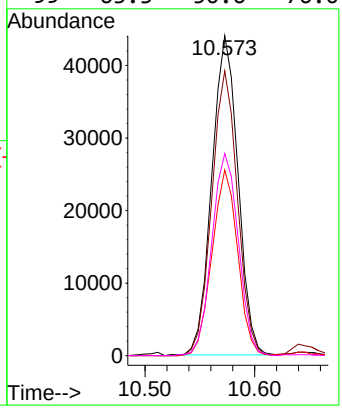




#55
1,1,2-Trichloroethane
Concen: 47.334 ug/l
RT: 10.573 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 97 Resp: 7289

Ion	Ratio	Lower	Upper
97	100		
83	89.2	68.7	103.1
85	58.2	46.3	69.5
99	63.3	50.6	76.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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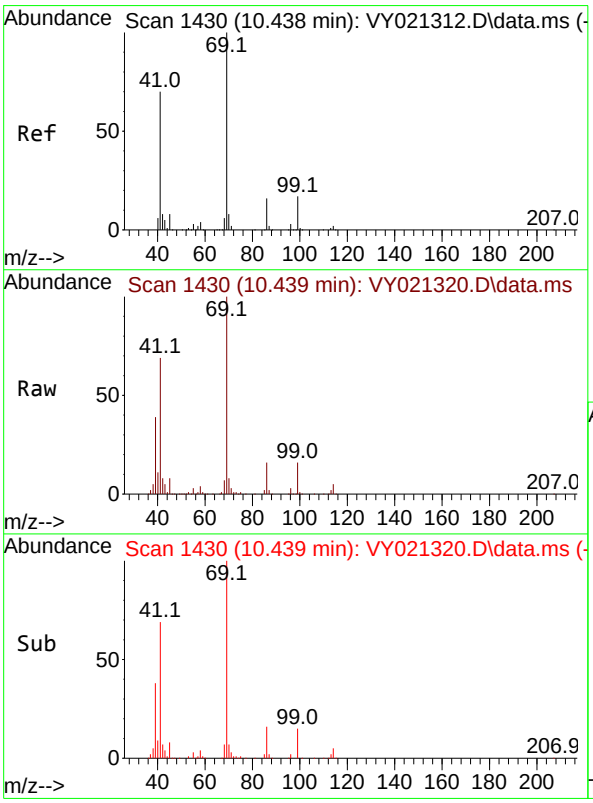
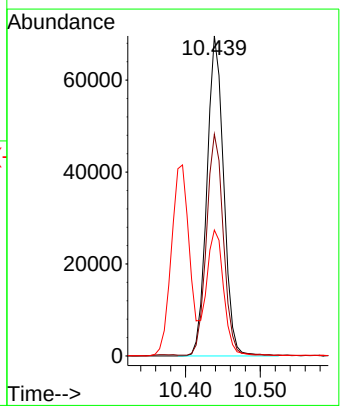
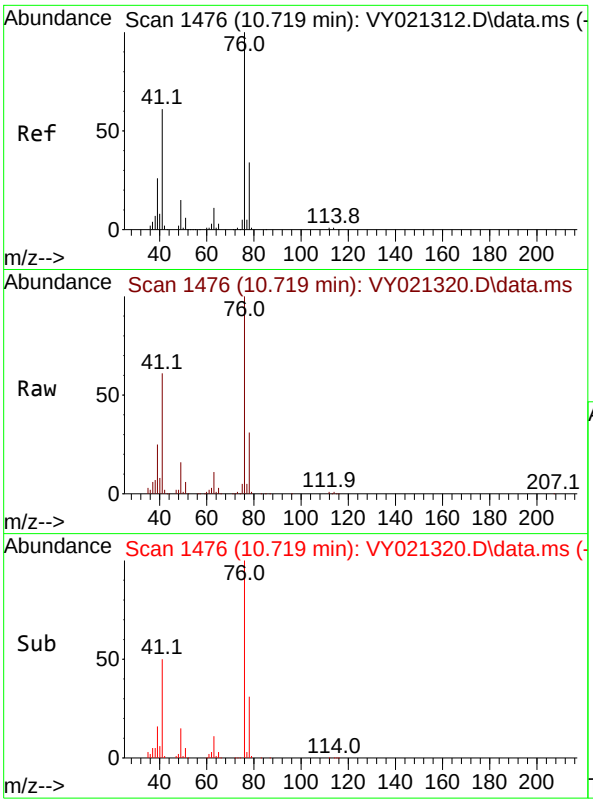


#56
Ethyl methacrylate
Concen: 50.979 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 69 Resp: 108485

Ion	Ratio	Lower	Upper
69	100		
41	70.2	56.2	84.4
39	41.3	32.7	49.1

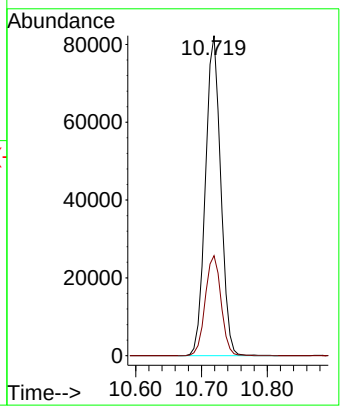




#57
1,3-Dichloropropane
Concen: 49.183 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 76 Resp: 13291

Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.9	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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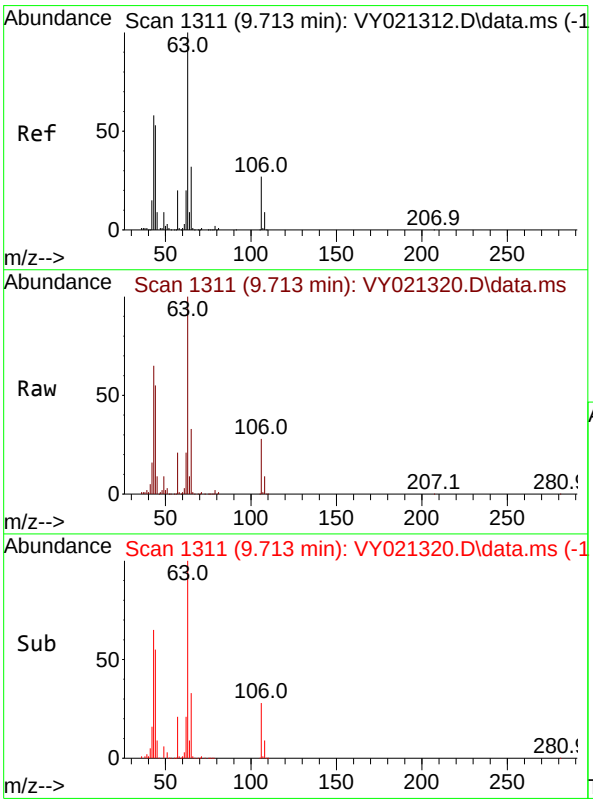
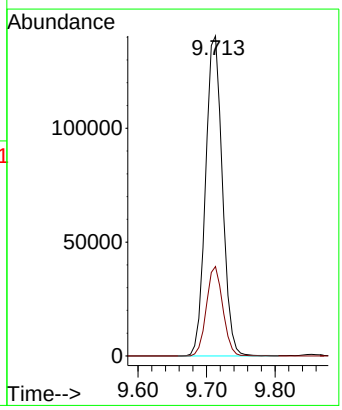
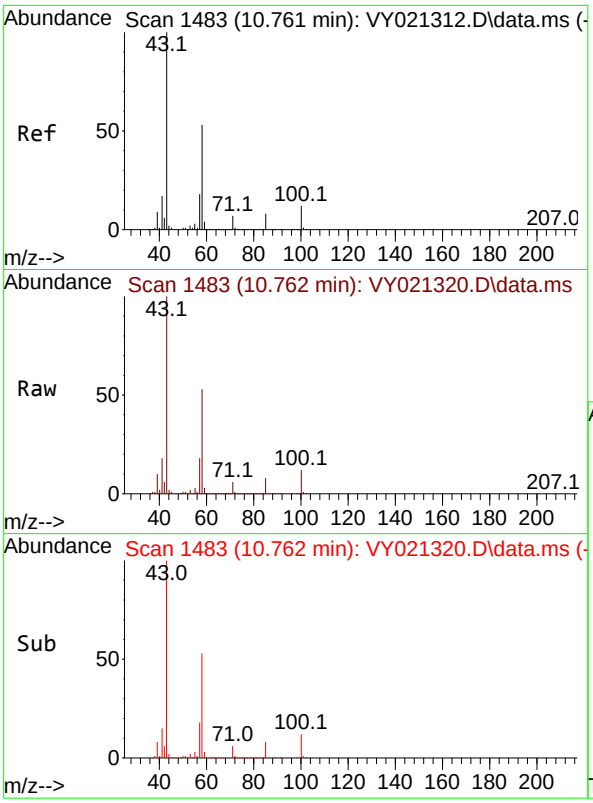


#58
2-Chloroethyl Vinyl ether
Concen: 234.614 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 63 Resp: 239640

Ion	Ratio	Lower	Upper
63	100		
106	27.3	21.7	32.5

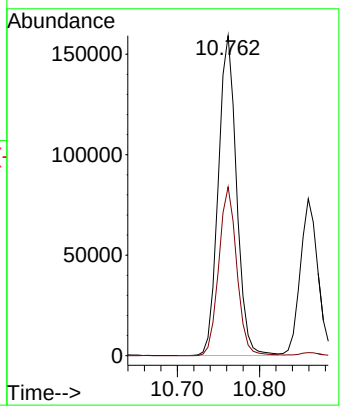




#59
2-Hexanone
Concen: 249.476 ug/l
RT: 10.762 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 43 Resp: 24550

Ion	Ratio	Lower	Upper
43	100		
58	52.1	25.9	77.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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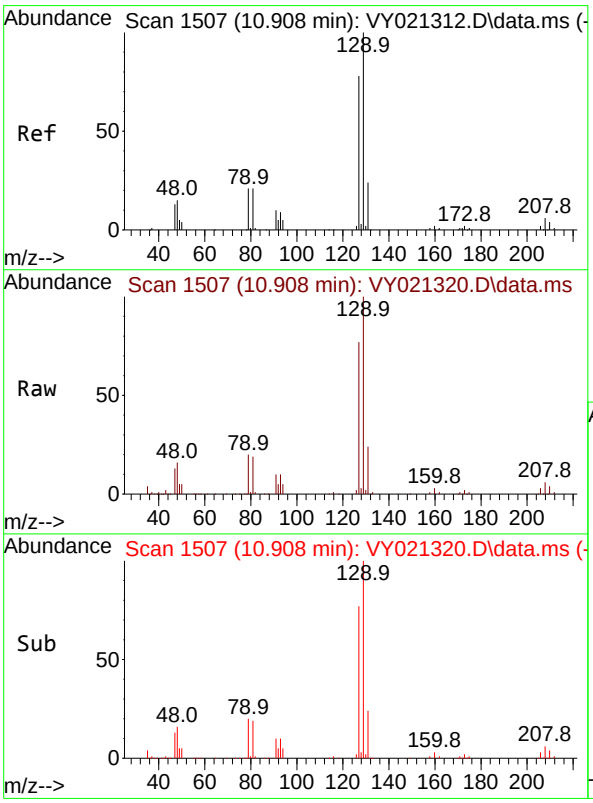
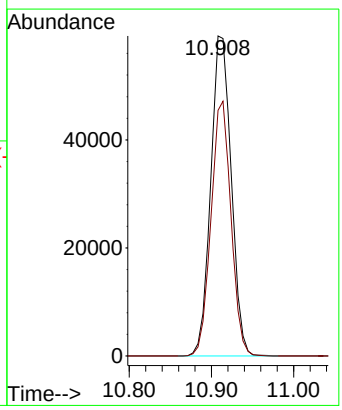
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

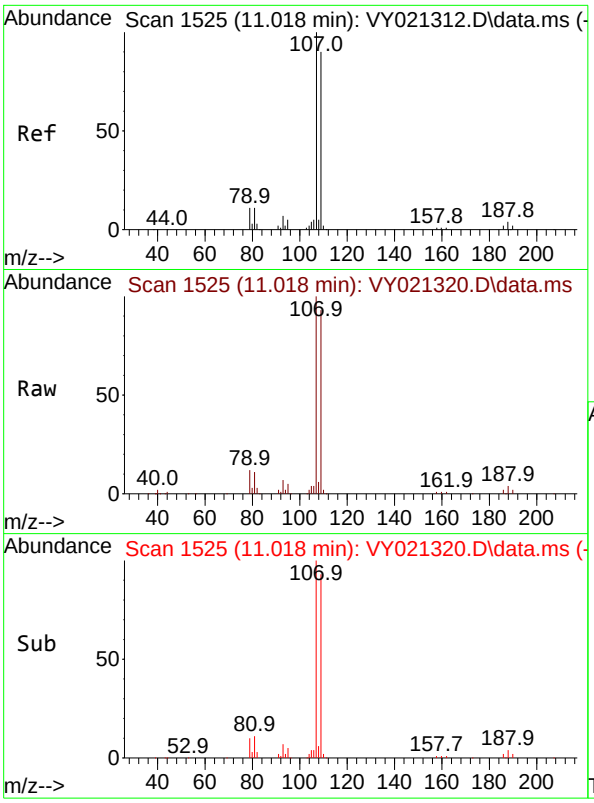


#60
Dibromochloromethane
Concen: 48.867 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:129 Resp: 102499

Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.8	116.4

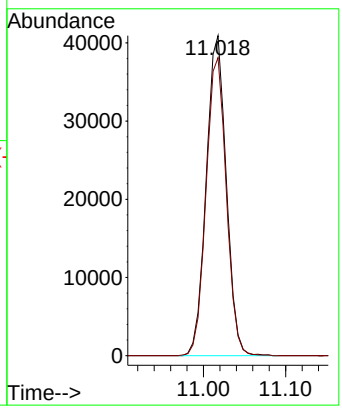




#61
1,2-Dibromoethane
Concen: 47.532 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:107 Resp: 6930

Ion	Ratio	Lower	Upper
107	100		
109	94.0	73.8	110.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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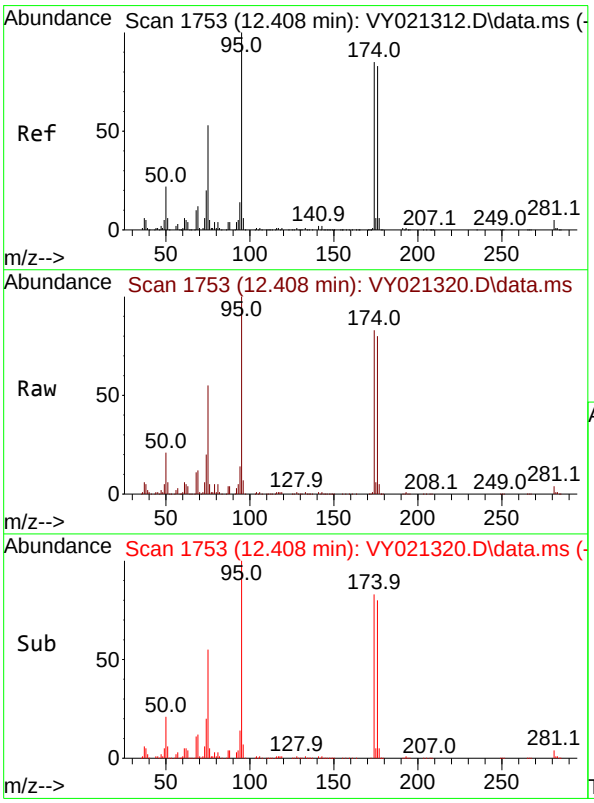
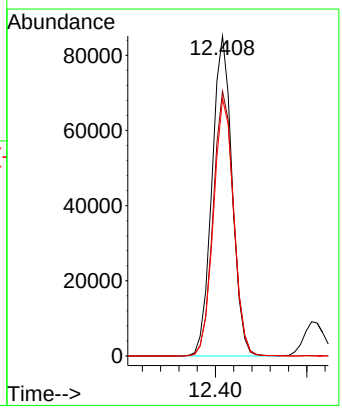
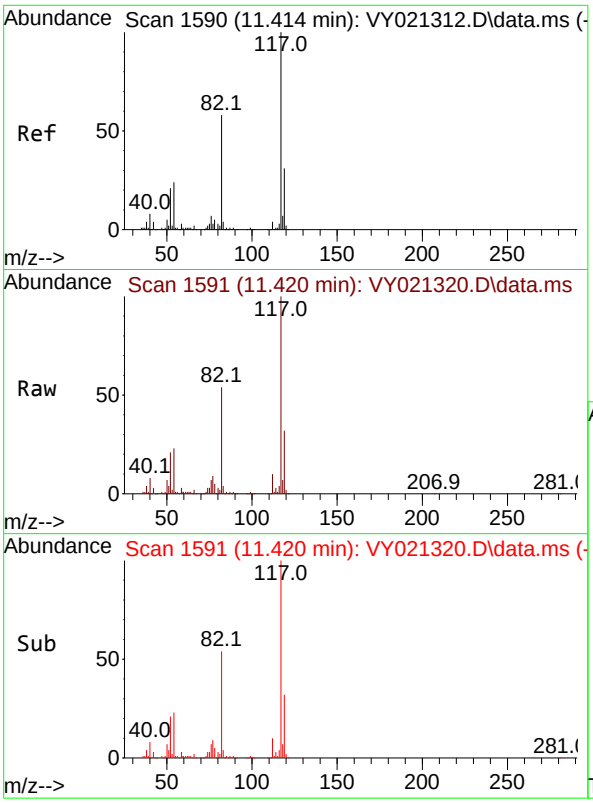


#62
4-Bromofluorobenzene
Concen: 49.290 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 95 Resp: 129754

Ion	Ratio	Lower	Upper
95	100		
174	83.6	0.0	168.0
176	81.2	0.0	162.6

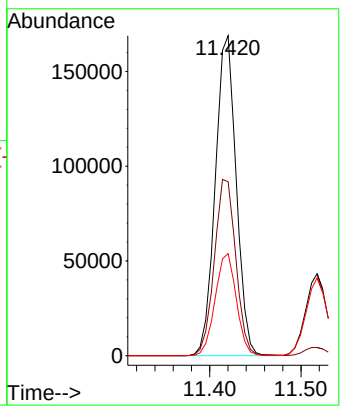




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:117 Resp: 26880

Ion	Ratio	Lower	Upper
117	100		
82	54.3	46.2	69.4
119	31.9	24.9	37.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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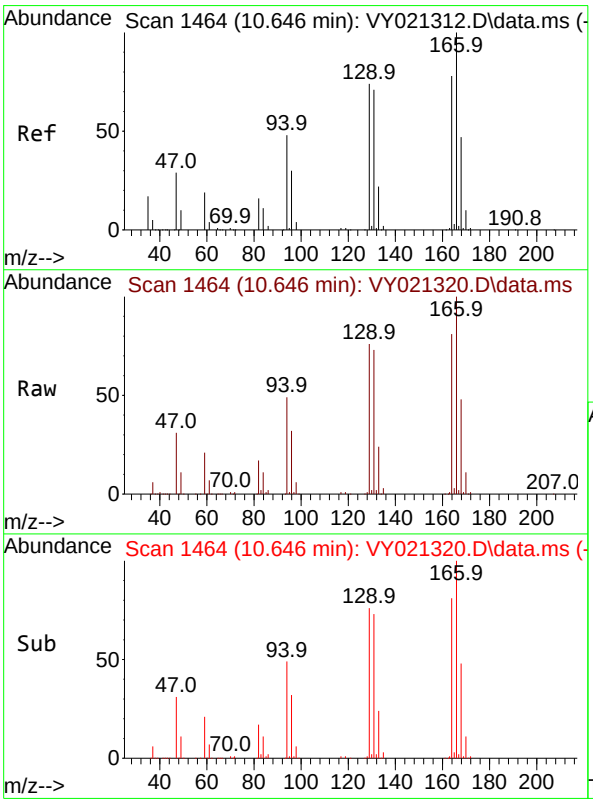
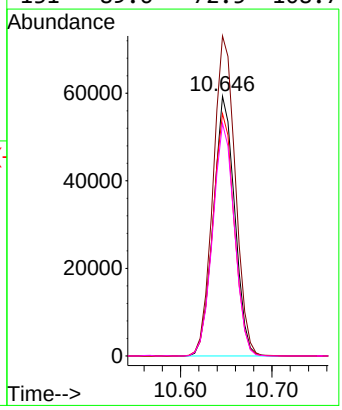
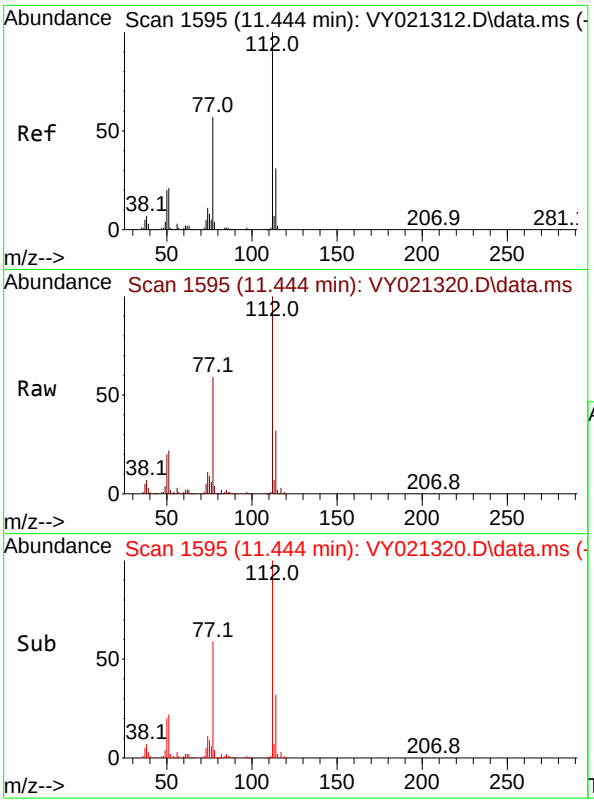


#64
Tetrachloroethene
Concen: 47.455 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:164 Resp: 96416

Ion	Ratio	Lower	Upper
164	100		
166	123.2	101.9	152.9
129	93.3	75.5	113.3
131	89.6	72.5	108.7

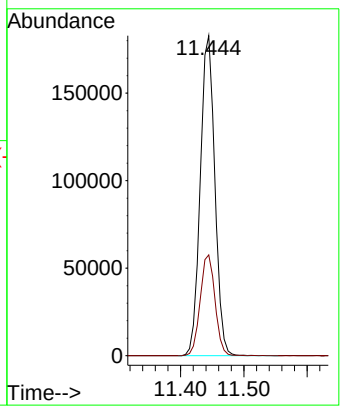




#65
Chlorobenzene
Concen: 48.625 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:112 Resp: 29339

Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.0	37.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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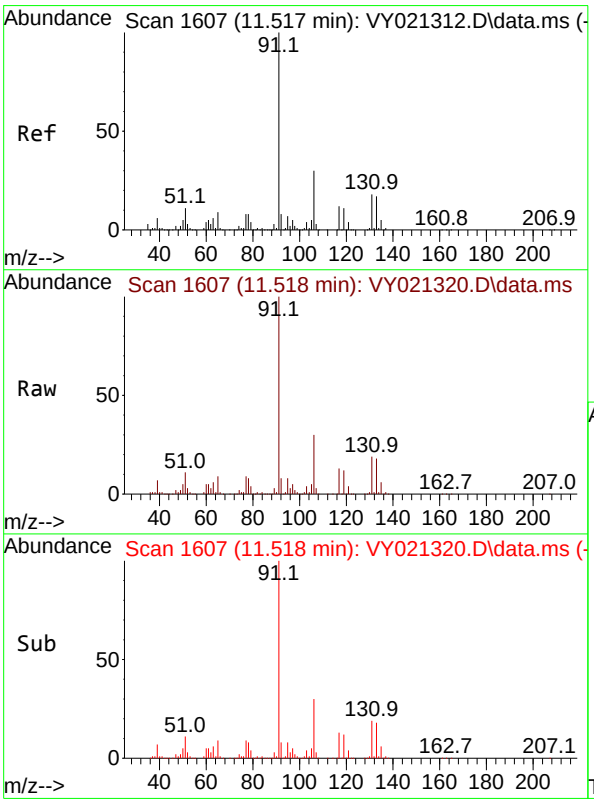
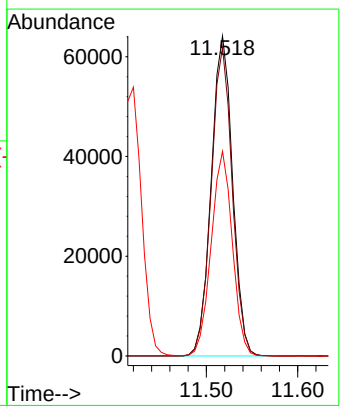
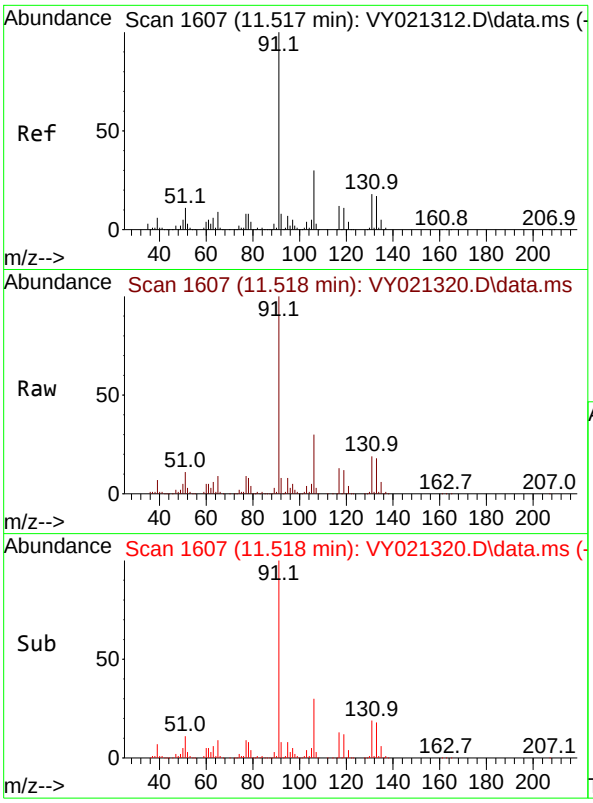


#66
1,1,1,2-Tetrachloroethane
Concen: 49.295 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:131 Resp: 104152

Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.9	143.6
119	63.4	31.7	95.1





#67
Ethyl Benzene
Concen: 49.609 ug/l
RT: 11.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 91 Resp: 53021

Ion	Ratio	Lower	Upper
91	100		
106	30.1	24.4	36.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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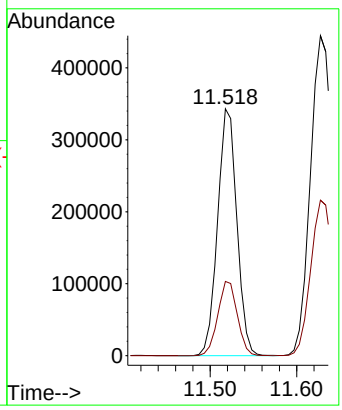
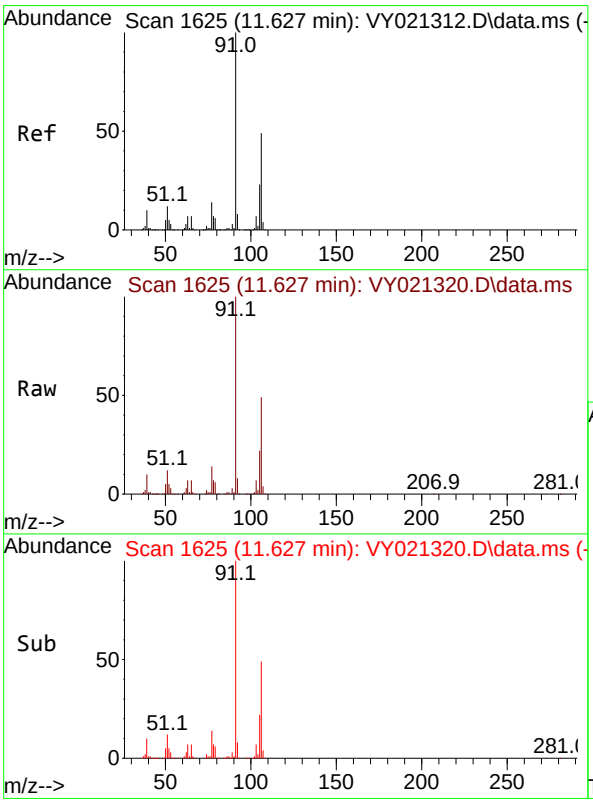
Supervised By :Mahesh Dadoda 02/27/2025

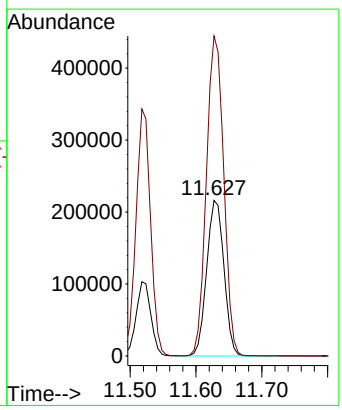


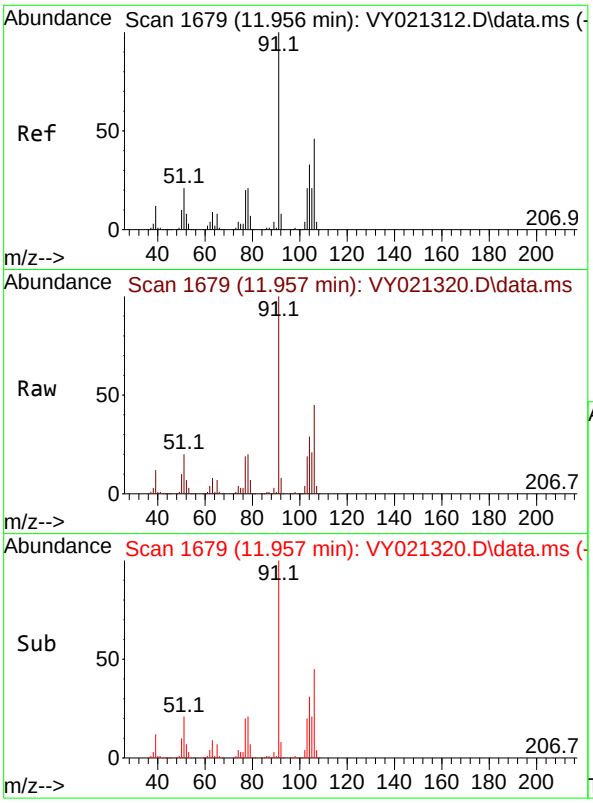


#68
m/p-Xylenes
Concen: 98.298 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:106 Resp: 395166

Ion	Ratio	Lower	Upper
106	100		
91	206.2	163.9	245.9

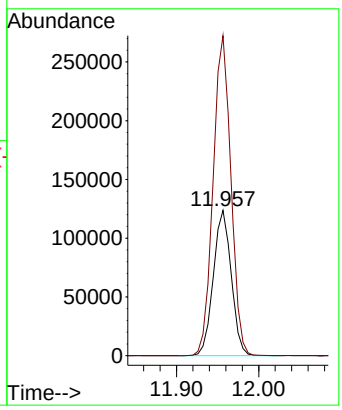




#69
o-Xylene
Concen: 49.676 ug/l
RT: 11.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:106 Resp: 18708

Ion	Ratio	Lower	Upper
106	100		
91	219.4	108.1	324.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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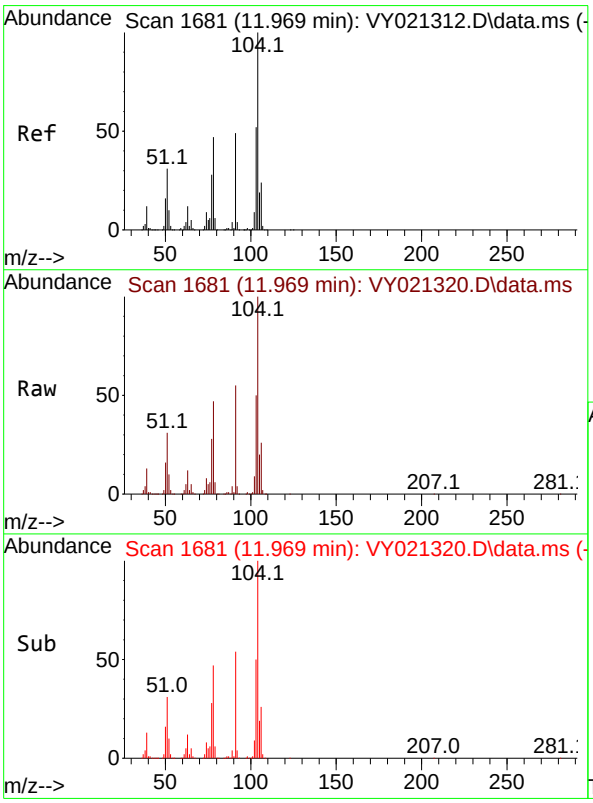
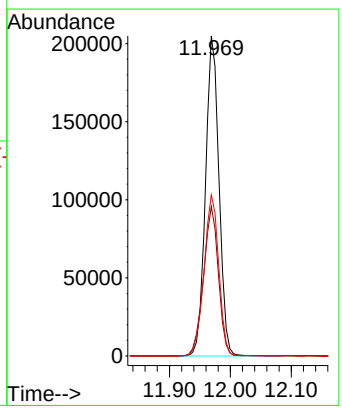
Supervised By :Mahesh Dadoda 02/27/2025

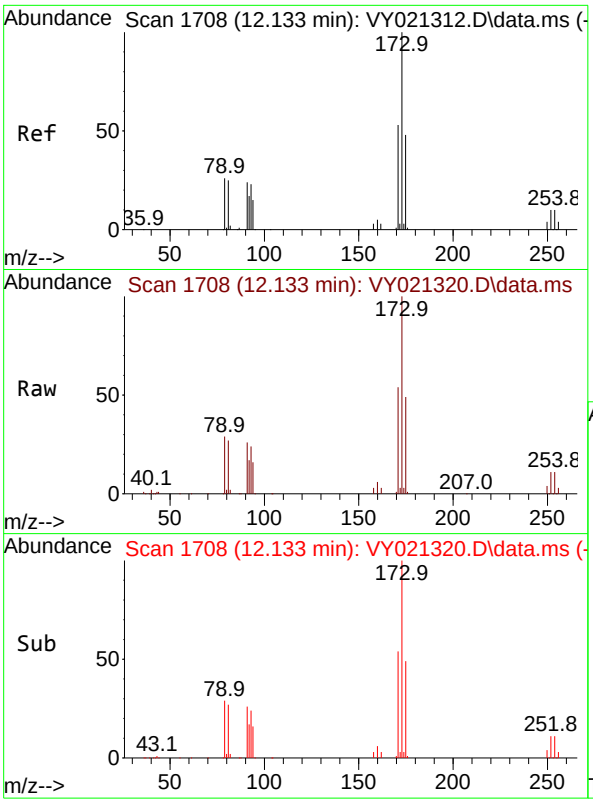


#70
Styrene
Concen: 50.431 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:104 Resp: 316002

Ion	Ratio	Lower	Upper
104	100		
78	51.3	41.3	61.9
103	54.9	43.9	65.9

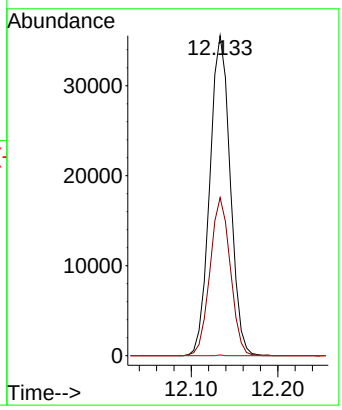




#71
Bromoform
Concen: 48.247 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:173 Resp: 5831

Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.1	72.3
254	0.1	0.1	0.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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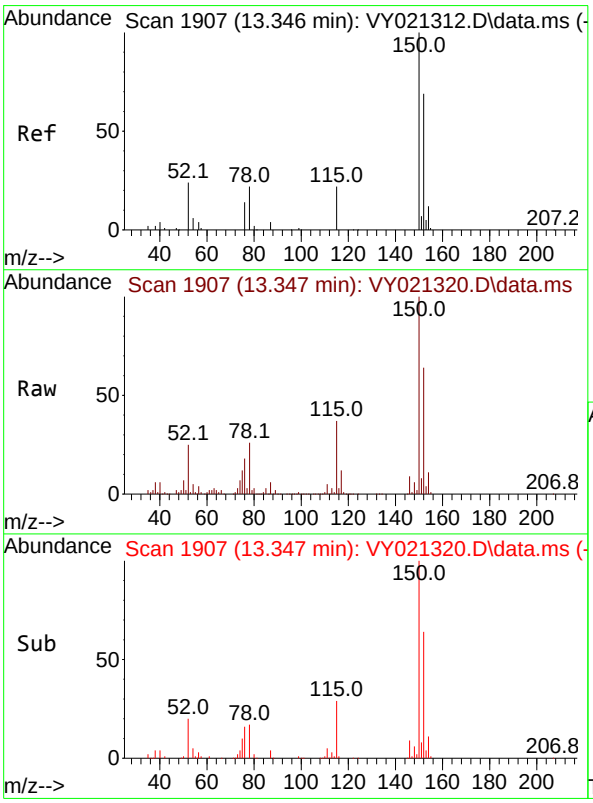
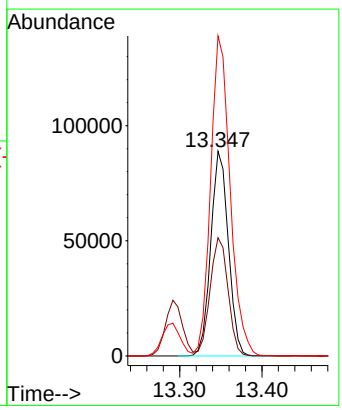
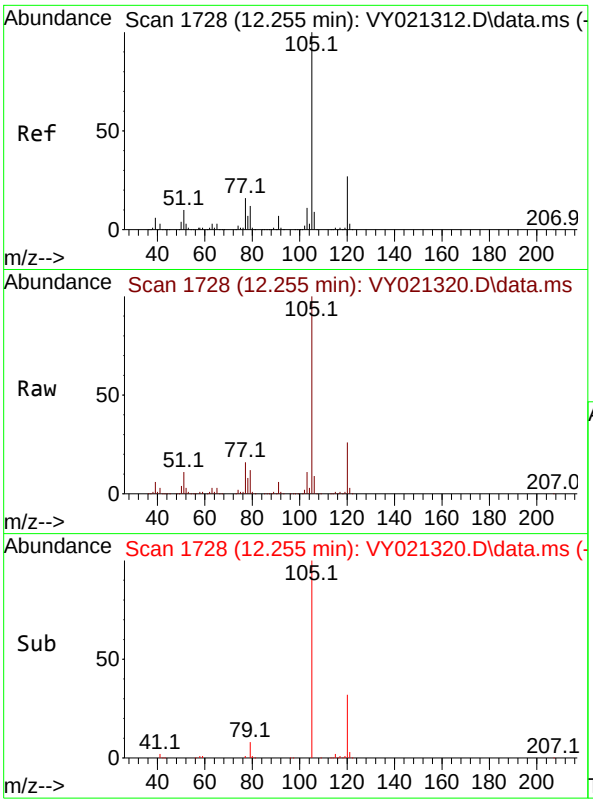


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:152 Resp: 131935

Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.3	88.0
150	173.7	0.0	347.4

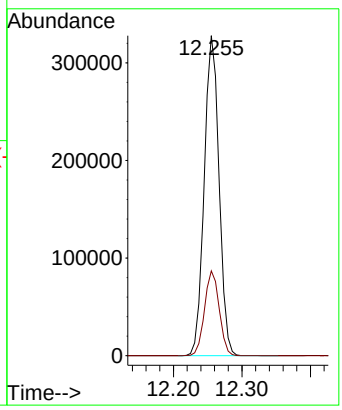




#73
Isopropylbenzene
Concen: 49.774 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:105 Resp: 49369

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.3	39.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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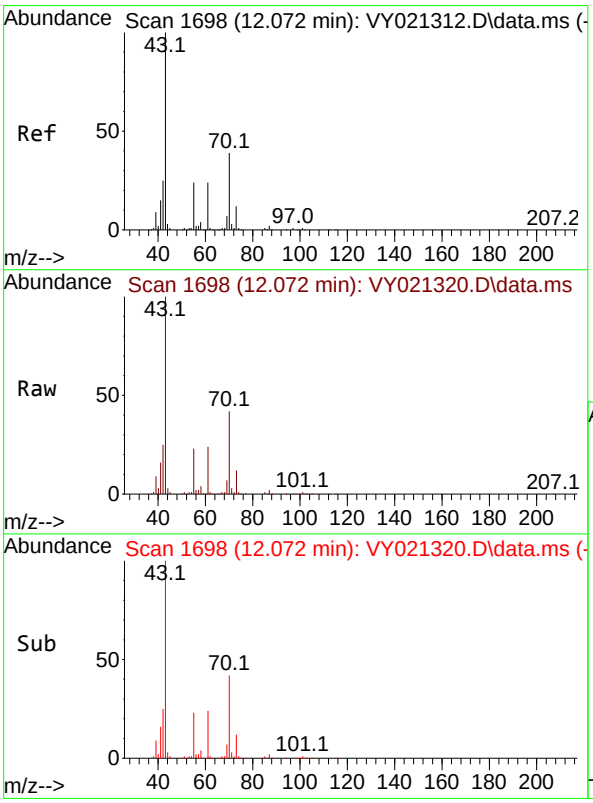
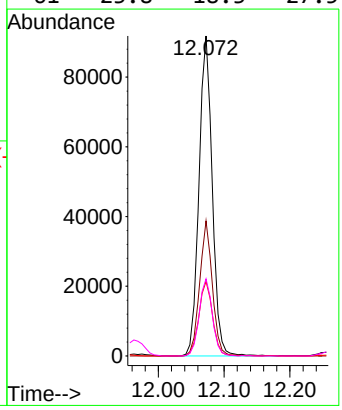
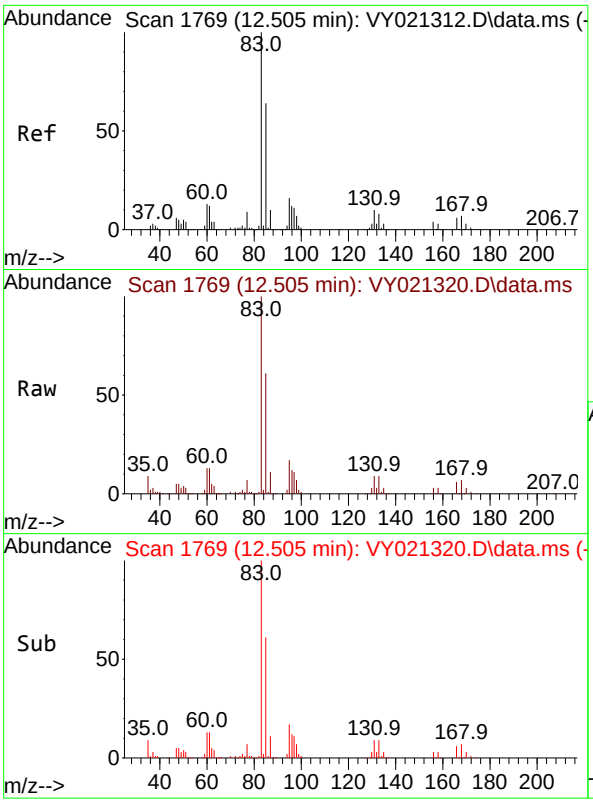


#74
N-amyl acetate
Concen: 51.162 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 43 Resp: 128988

Ion	Ratio	Lower	Upper
43	100		
70	40.4	32.2	48.2
55	24.1	19.6	29.4
61	23.8	18.3	27.5

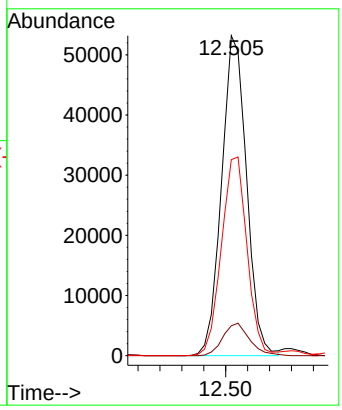




#75
1,1,2,2-Tetrachloroethane
Concen: 48.150 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 83 Resp: 8428

Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.2	15.6
85	63.7	32.0	96.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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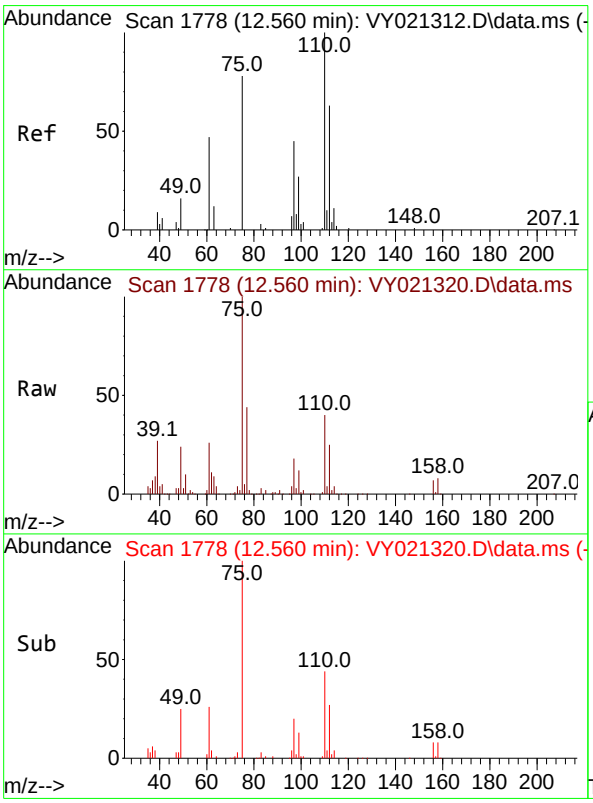
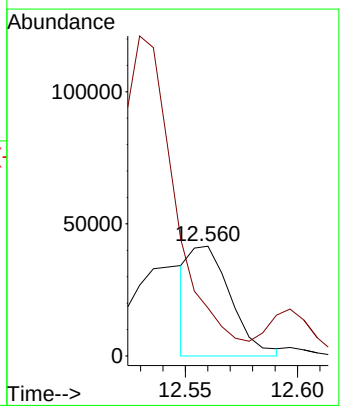
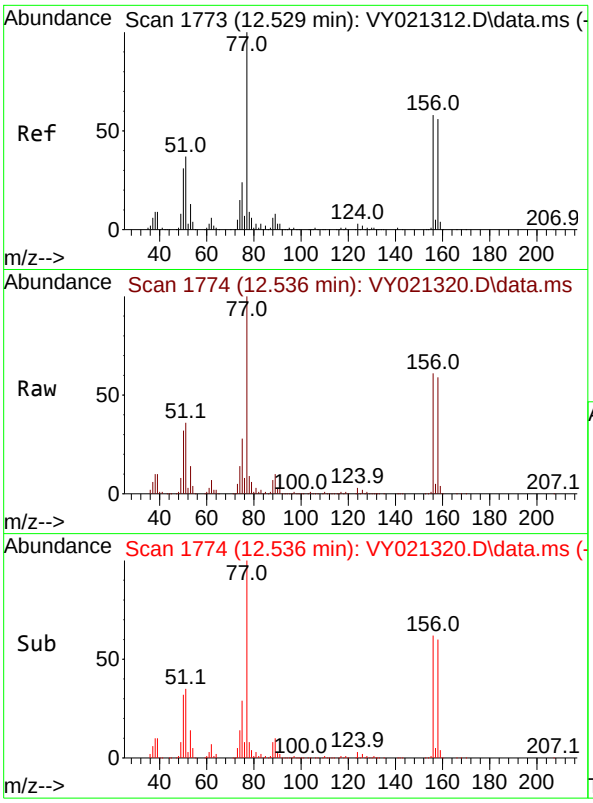


#76
1,2,3-Trichloropropane
Concen: 40.055 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 75 Resp: 52897

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

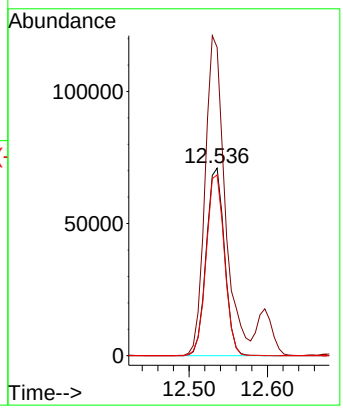




#77
Bromobenzene
Concen: 49.529 ug/l
RT: 12.536 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:156 Resp: 11426

Ion	Ratio	Lower	Upper
156	100		
77	187.3	94.0	282.1
158	96.8	48.7	146.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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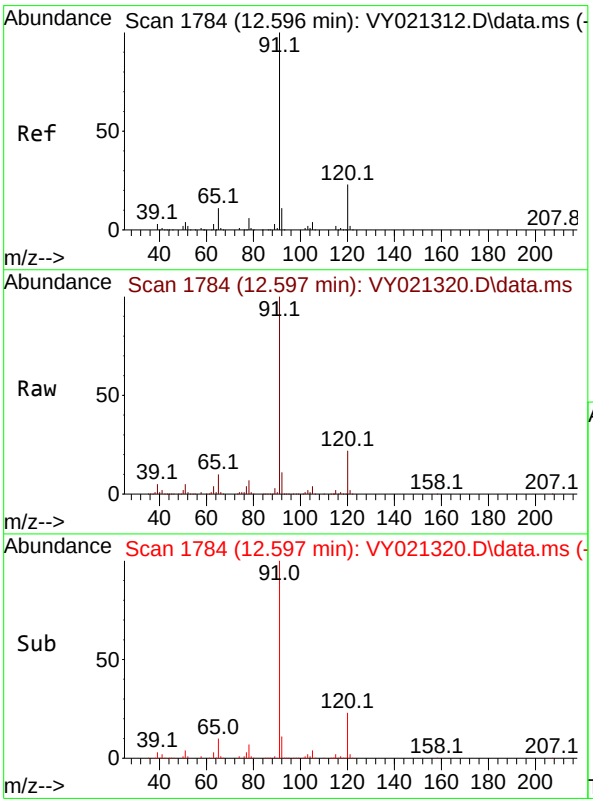
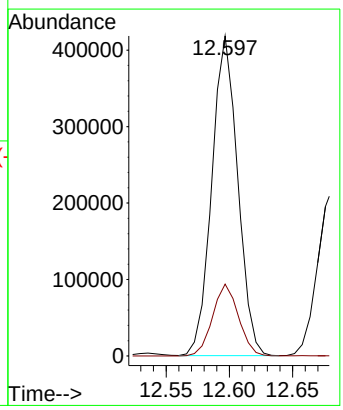
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

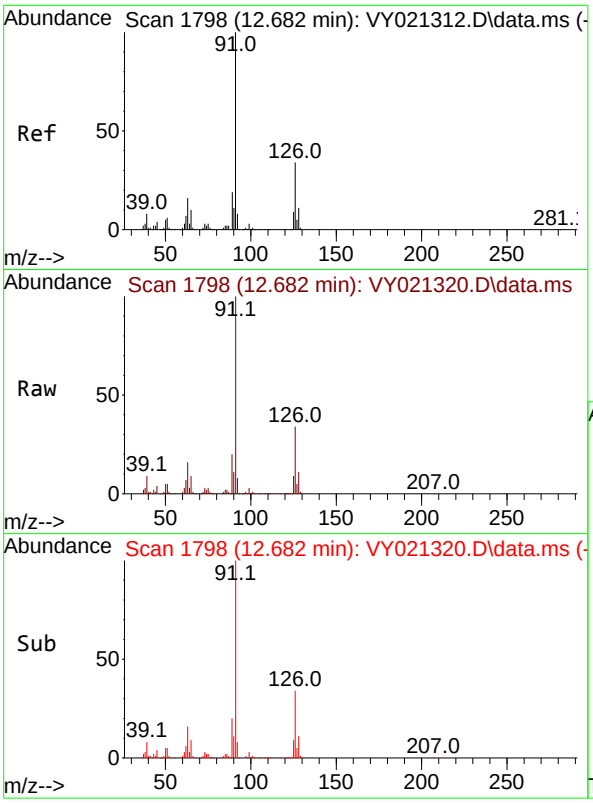


#78
n-propylbenzene
Concen: 49.510 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 91 Resp: 595911

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.2	33.5

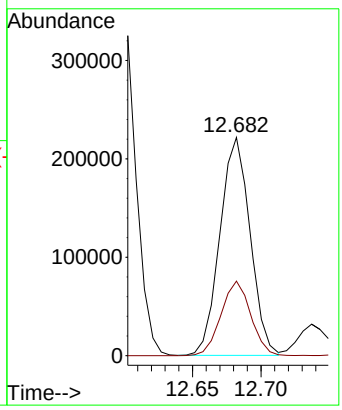




#79
2-Chlorotoluene
Concen: 49.181 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 91 Resp: 33972

Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.9	50.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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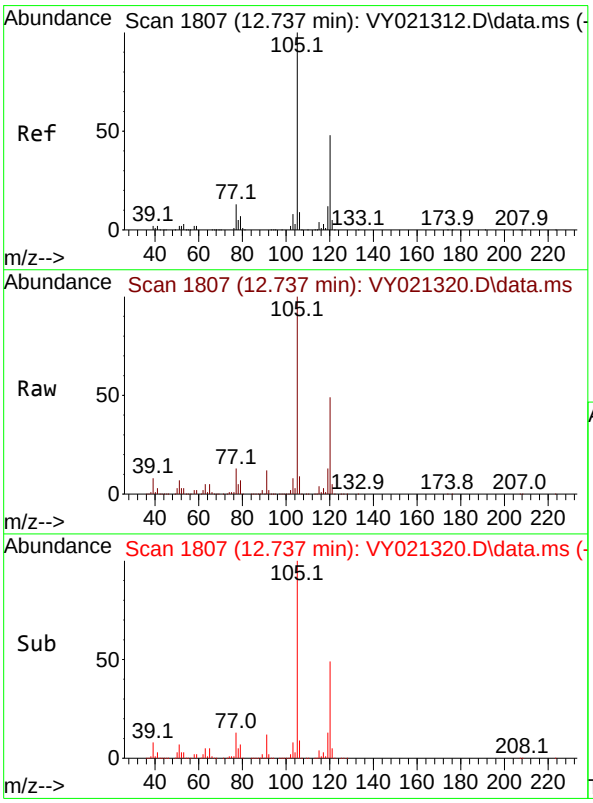
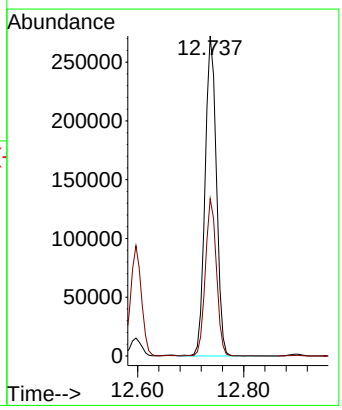
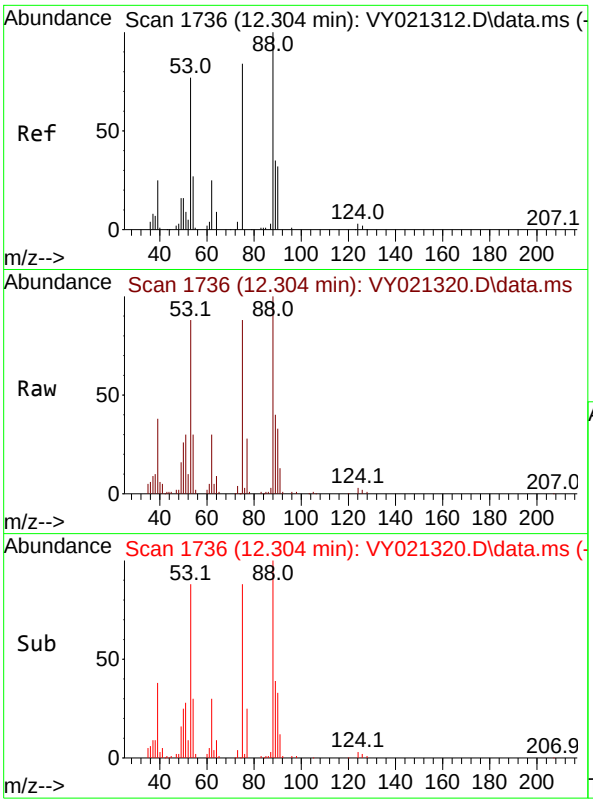


#80
1,3,5-Trimethylbenzene
Concen: 49.604 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:105 Resp: 403527

Ion	Ratio	Lower	Upper
105	100		
120	47.8	24.3	73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 49.724 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 75 Resp: 2954

Ion	Ratio	Lower	Upper
75	100		
53	100.2	79.1	118.7
89	44.9	35.6	53.4

Instrument :
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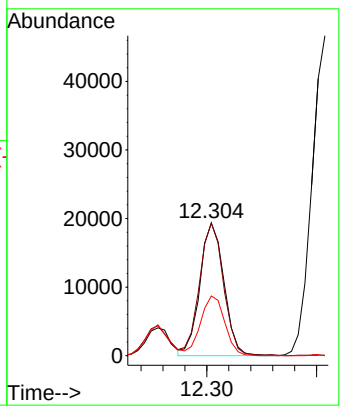
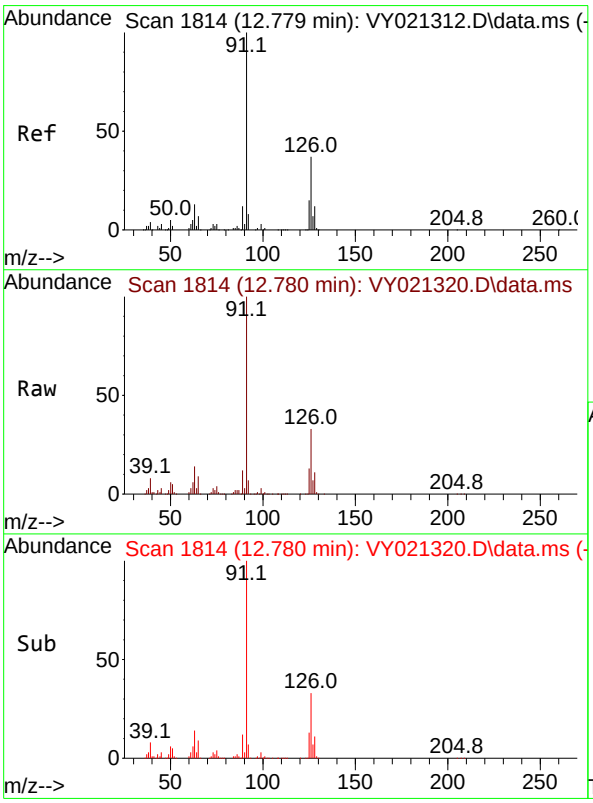
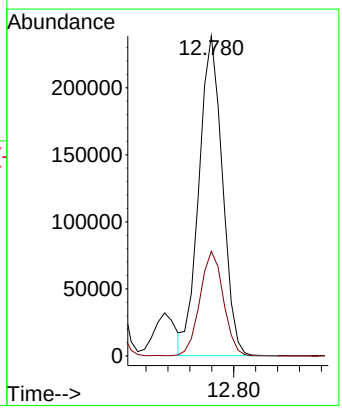


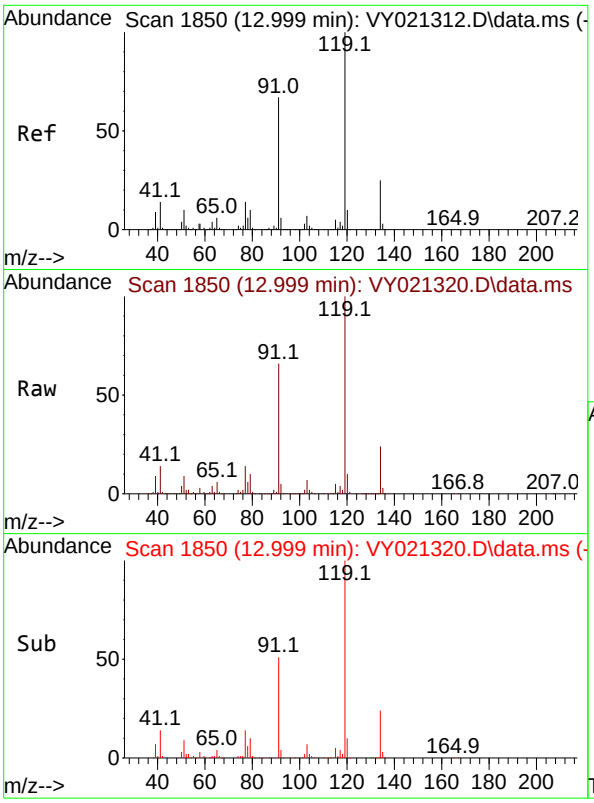


#82
4-Chlorotoluene
Concen: 49.408 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 91 Resp: 353786

Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.8	50.4

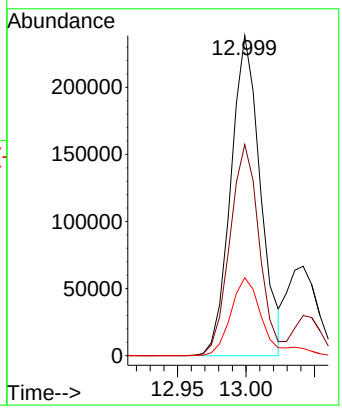




#83
tert-Butylbenzene
Concen: 48.765 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:119 Resp: 35834

Ion	Ratio	Lower	Upper
119	100		
91	65.1	32.7	98.1
134	26.5	13.3	39.9



Instrument :
MSVOA_Y
ClientSampleId :
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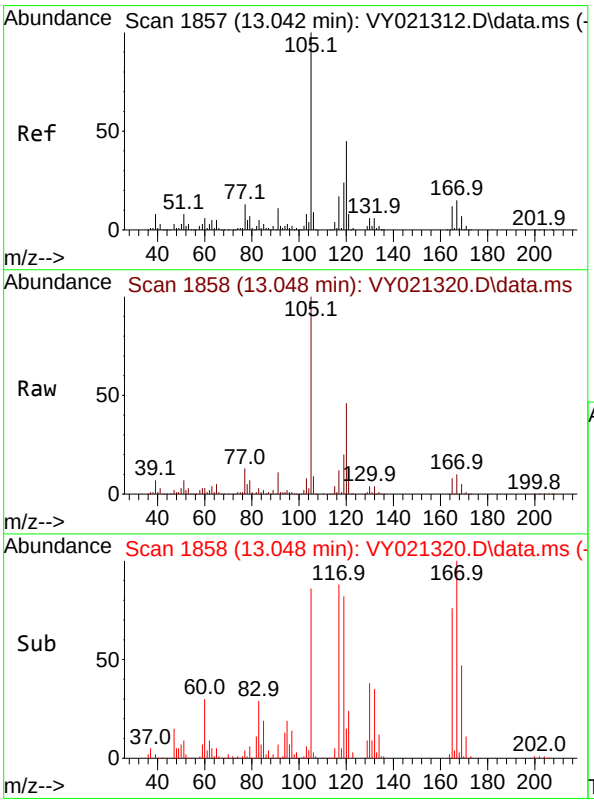
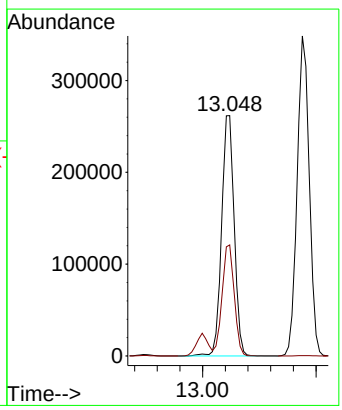
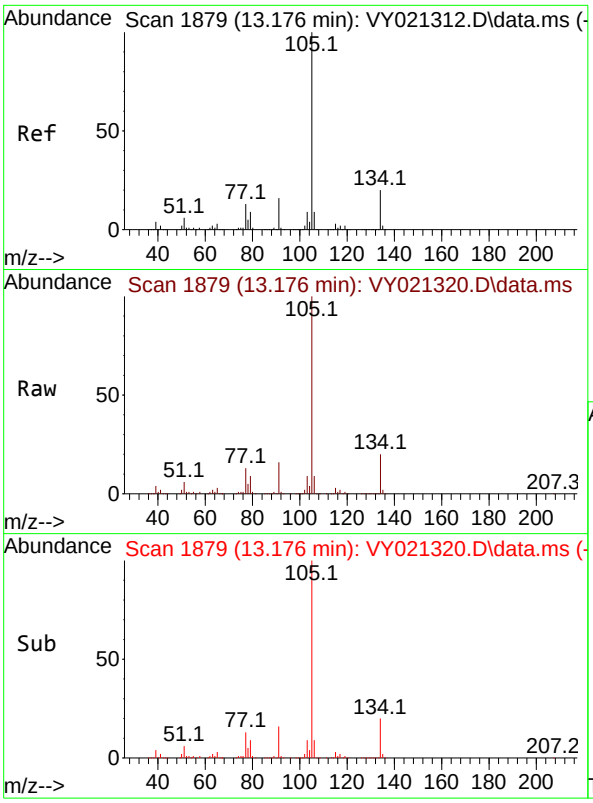


#84
1,2,4-Trimethylbenzene
Concen: 49.846 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:105 Resp: 403288

Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.4	67.3

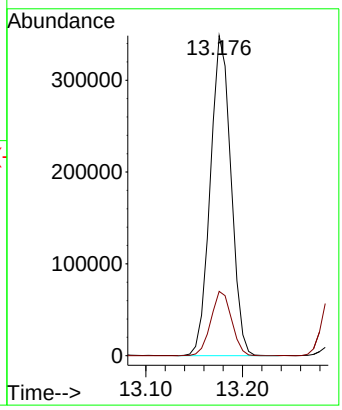




#85
sec-Butylbenzene
Concen: 48.069 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:105 Resp: 51597

Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.0	30.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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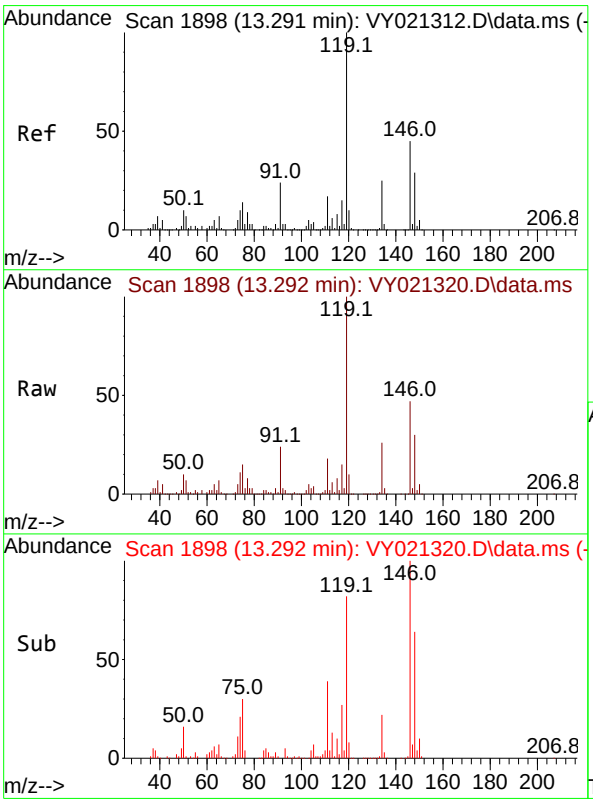
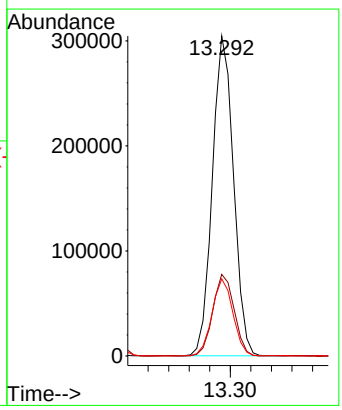
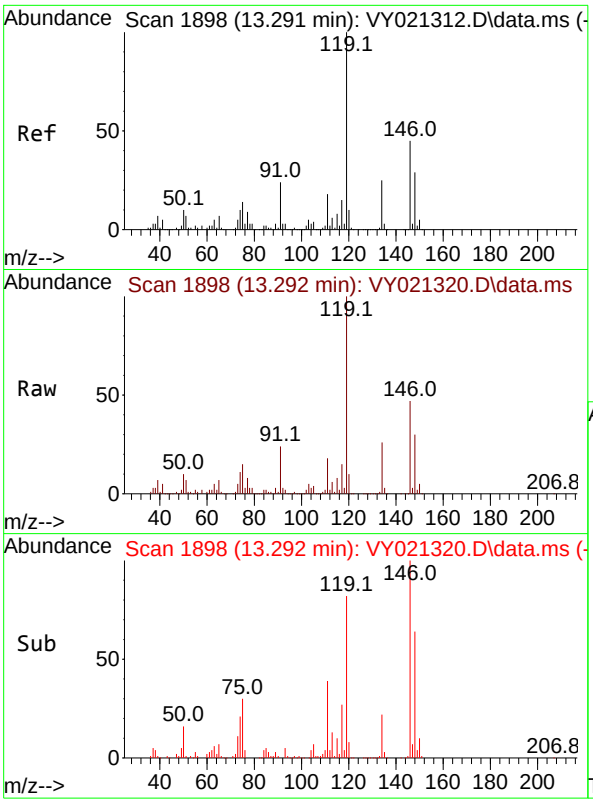


#86
p-Isopropyltoluene
Concen: 48.594 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:119 Resp: 435539

Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.0	38.9
91	23.8	12.0	36.1

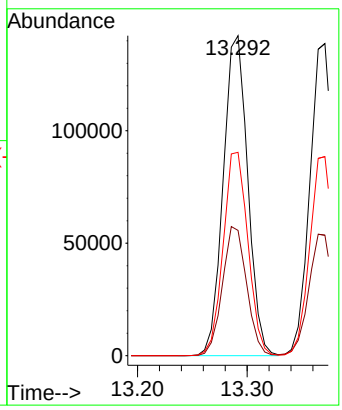




#87
1,3-Dichlorobenzene
Concen: 48.450 ug/l
RT: 13.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:146 Resp: 22111

Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	59.9
148	64.2	31.9	95.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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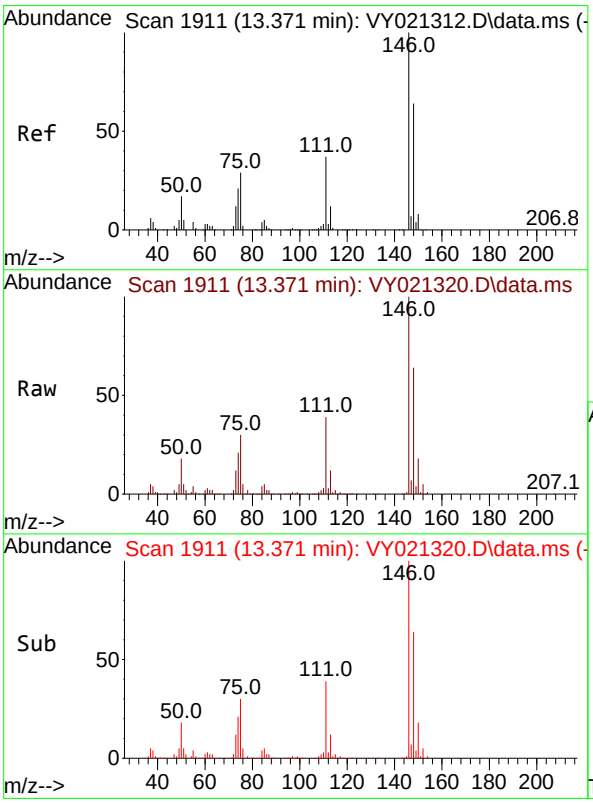
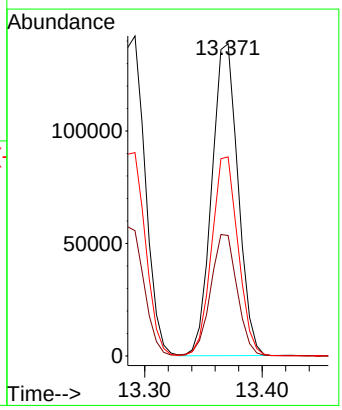
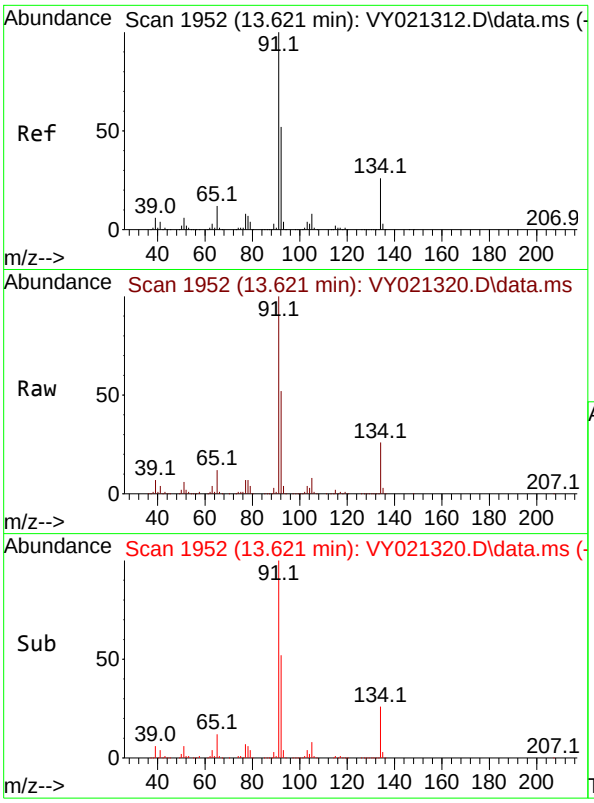


#88
1,4-Dichlorobenzene
Concen: 47.797 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:146 Resp: 215487

Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.5	58.5
148	64.5	32.0	96.2

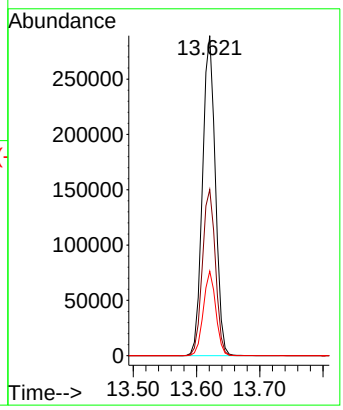




#89
n-Butylbenzene
Concen: 48.491 ug/l
RT: 13.621 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 91 Resp: 40899

Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.4	79.2
134	25.6	12.7	38.0



Instrument :
MSVOA_Y
ClientSampleId :
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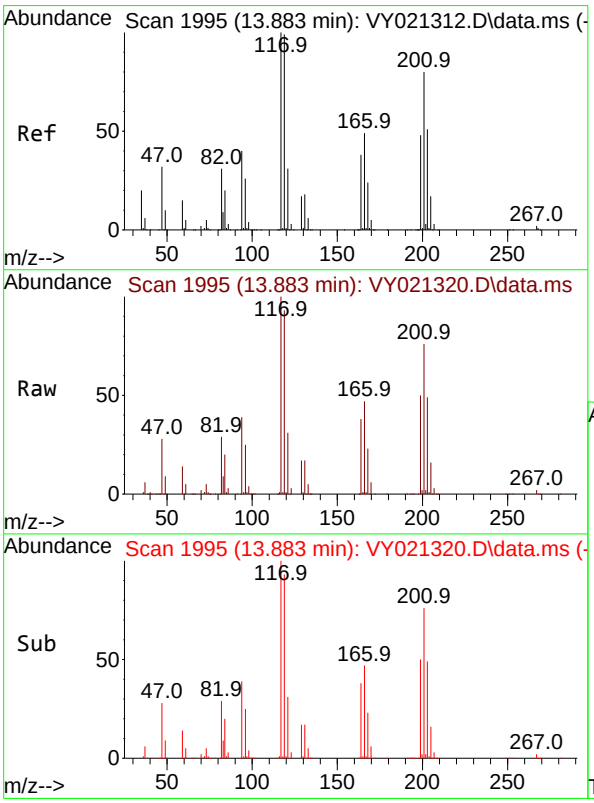
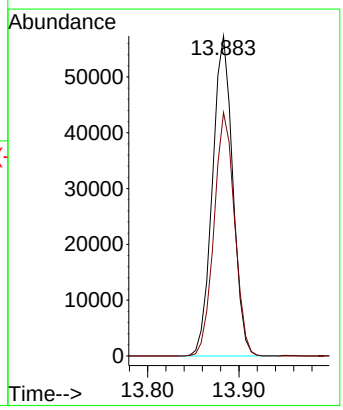
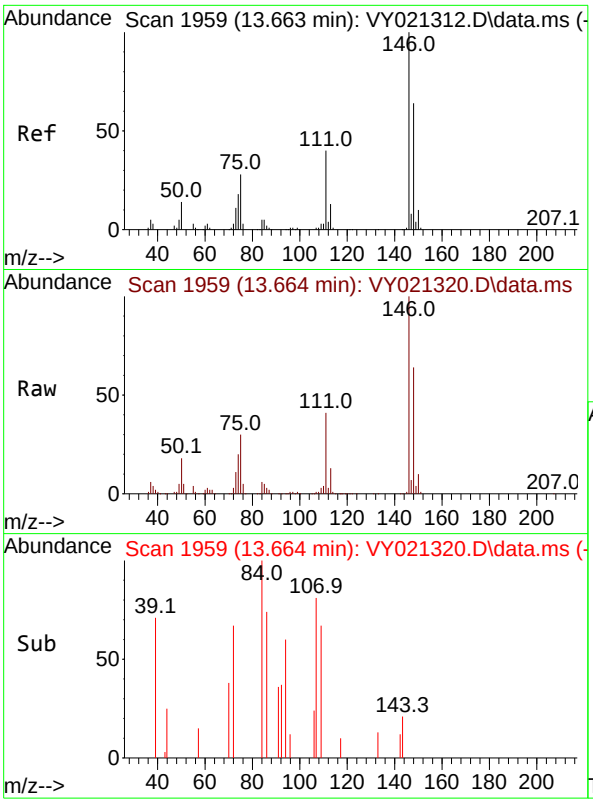


#90
Hexachloroethane
Concen: 47.306 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:117 Resp: 88564

Ion	Ratio	Lower	Upper
117	100		
201	76.8	38.4	115.2

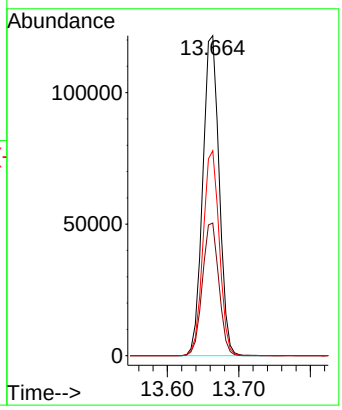




#91
1,2-Dichlorobenzene
Concen: 48.457 ug/l
RT: 13.664 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:146 Resp: 19375

Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.7	62.1
148	63.4	31.7	95.1



Instrument :
MSVOA_Y
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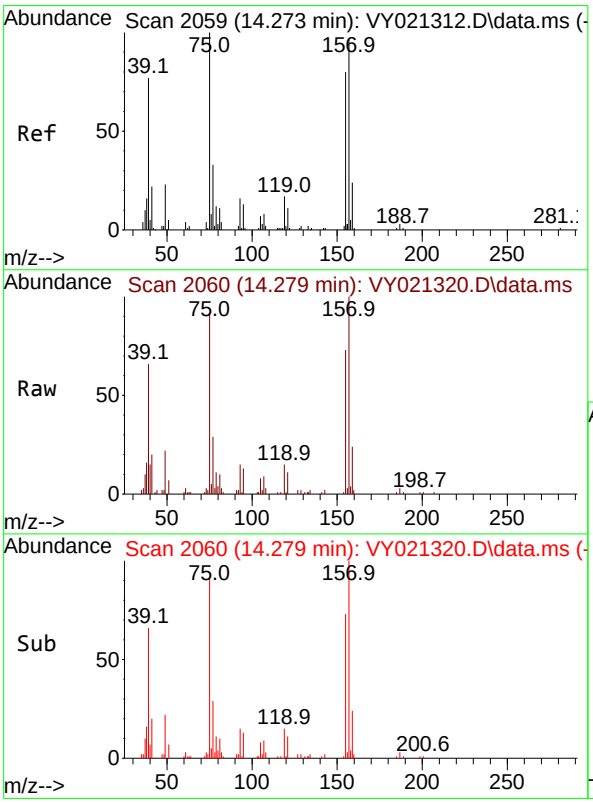
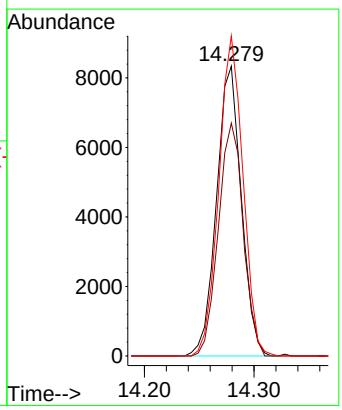
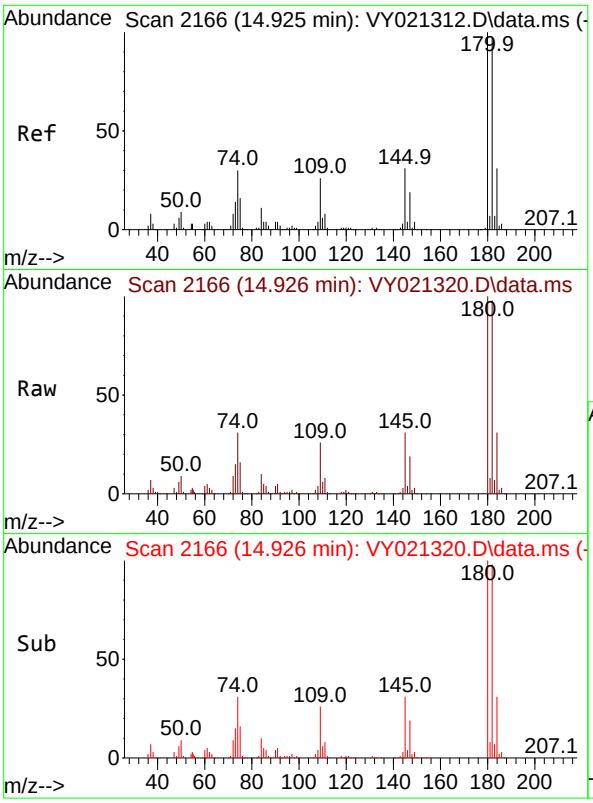


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.306 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 75 Resp: 13100

Ion	Ratio	Lower	Upper
75	100		
155	80.5	41.9	125.6
157	107.7	52.5	157.6

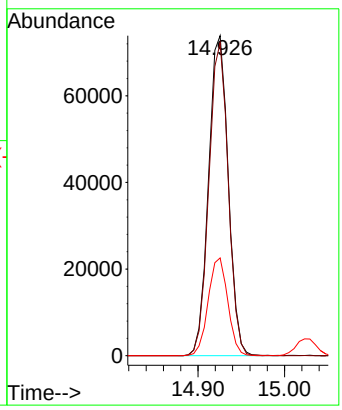




#93
1,2,4-Trichlorobenzene
Concen: 47.769 ug/l
RT: 14.926 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:180 Resp: 11657

Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.9	143.7
145	30.4	15.6	46.8



Instrument :
MSVOA_Y
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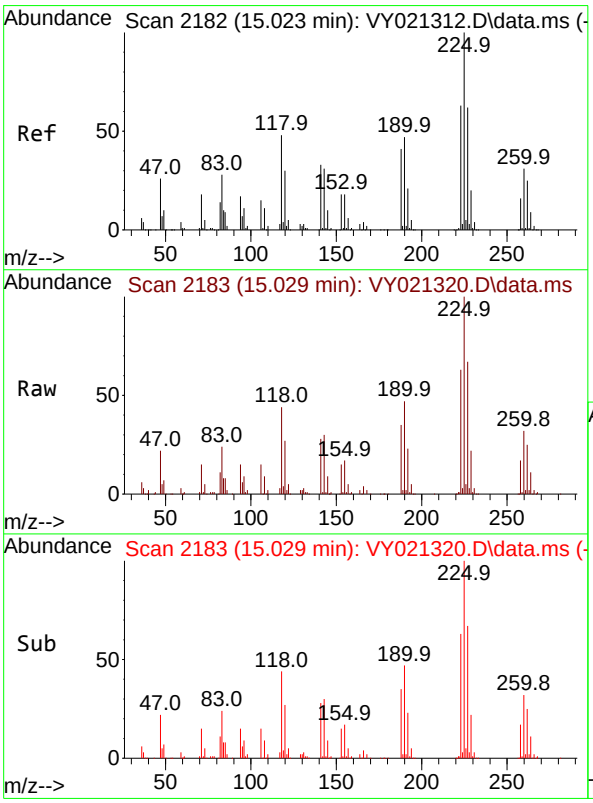
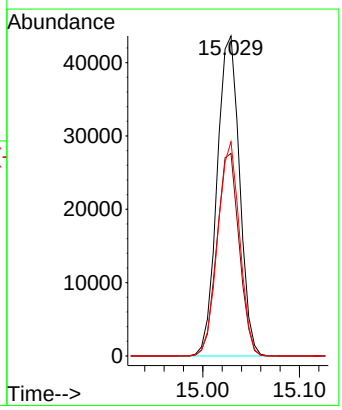
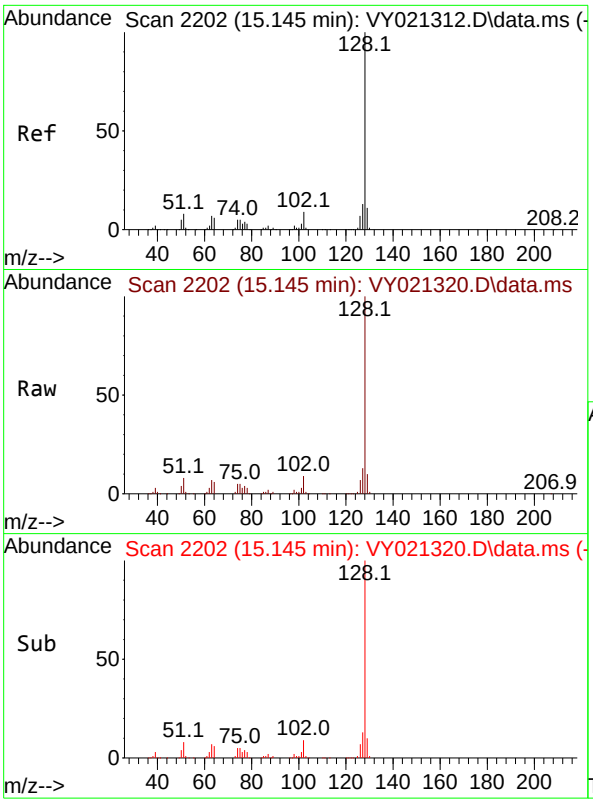


#94
Hexachlorobutadiene
Concen: 45.603 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:225 Resp: 70063

Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.8	95.4
227	65.3	31.9	95.7

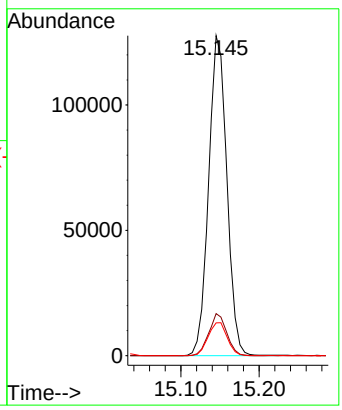




#95
Naphthalene
Concen: 50.937 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:128 Resp: 20589

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.9	8.5	12.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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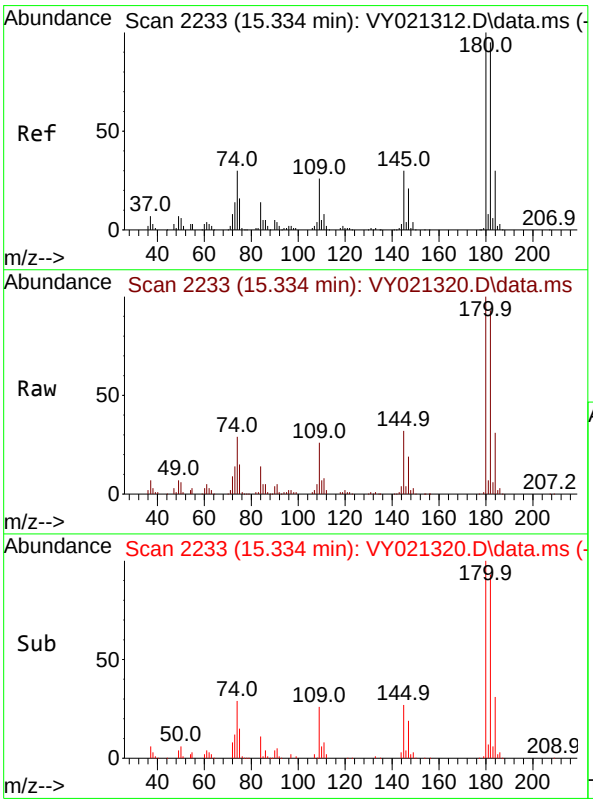
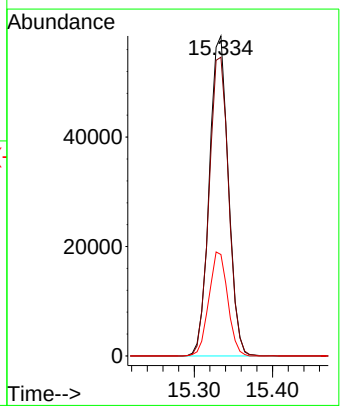
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.779 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:180 Resp: 98515

Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.3	144.9
145	32.2	16.1	48.3



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021320.D
Acq On : 26 Feb 2025 10:11
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 27 00:33:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	111	0.00
2	T	Dichlorodifluoromethane	0.474	0.442	6.8	99	0.00
3	P	Chloromethane	0.612	0.581	5.1	107	0.00
4	C	Vinyl Chloride	0.601	0.586	2.5#	103	0.00
5	T	Bromomethane	0.399	0.370	7.3	106	0.00
6	T	Chloroethane	0.373	0.363	2.7	103	0.00
7	T	Trichlorofluoromethane	0.908	0.866	4.6	102	0.00
8	T	Diethyl Ether	0.272	0.270	0.7	104	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.525	0.496	5.5	102	0.00
10	T	Methyl Iodide	0.553	0.577	-4.3	100	0.00
11	T	Tert butyl alcohol	0.044	0.035	20.5	97	0.00
12	CM	1,1-Dichloroethene	0.503	0.487	3.2#	104	0.00
13	T	Acrolein	0.033	0.006	81.8#	94	0.00
14	T	Allyl chloride	0.892	0.896	-0.4	107	0.00
15	T	Acrylonitrile	0.120	0.117	2.5	101	0.00
16	T	Acetone	0.109	0.113	-3.7	98	0.00
17	T	Carbon Disulfide	1.671	1.628	2.6	104	0.00
18	T	Methyl Acetate	0.266	0.257	3.4	103	0.00
19	T	Methyl tert-butyl Ether	1.329	1.308	1.6	103	0.00
20	T	Methylene Chloride	0.588	0.533	9.4	101	0.00
21	T	trans-1,2-Dichloroethene	0.554	0.540	2.5	104	0.00
22	T	Diisopropyl ether	1.846	1.862	-0.9	105	0.00
23	T	Vinyl Acetate	1.103	1.099	0.4	102	0.00
24	P	1,1-Dichloroethane	1.040	1.021	1.8	104	0.00
25	T	2-Butanone	0.164	0.162	1.2	98	0.00
26	T	2,2-Dichloropropane	0.944	0.929	1.6	106	0.00
27	T	cis-1,2-Dichloroethene	0.632	0.633	-0.2	105	0.00
28	T	Bromochloromethane	0.460	0.435	5.4	106	0.00
29	T	Tetrahydrofuran	0.107	0.102	4.7	99	0.00
30	C	Chloroform	1.054	1.038	1.5#	105	0.00
31	T	Cyclohexane	1.000	0.922	7.8	103	0.00
32	T	1,1,1-Trichloroethane	0.960	0.936	2.5	105	0.00
33	S	1,2-Dichloroethane-d4	0.567	0.544	4.1	109	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	113	0.00
35	S	Dibromofluoromethane	0.328	0.320	2.4	111	0.00
36	T	1,1-Dichloropropene	0.492	0.475	3.5	104	0.00
37	T	Ethyl Acetate	0.245	0.236	3.7	104	0.00
38	T	Carbon Tetrachloride	0.554	0.536	3.2	104	0.00
39	T	Methylcyclohexane	0.623	0.578	7.2	99	0.00
40	TM	Benzene	1.456	1.415	2.8	105	0.00
41	T	Methacrylonitrile	0.137	0.117	14.6	90	0.00
42	TM	1,2-Dichloroethane	0.413	0.396	4.1	104	0.00
43	T	Isopropyl Acetate	0.474	0.455	4.0	100	0.00
44	TM	Trichloroethene	0.364	0.355	2.5	105	0.00
45	C	1,2-Dichloropropane	0.350	0.341	2.6#	104	0.00
46	T	Dibromomethane	0.191	0.185	3.1	103	0.00
47	T	Bromodichloromethane	0.511	0.494	3.3	103	0.00
48	T	Methyl methacrylate	0.222	0.215	3.2	98	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021320.D
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Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 27 00:33:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	102	0.00
50	S	Toluene-d8	1.267	1.257	0.8	114	0.00
51	T	4-Methyl-2-Pentanone	0.243	0.234	3.7	99	0.00
52	CM	Toluene	0.904	0.892	1.3#	105	0.00
53	T	t-1,3-Dichloropropene	0.468	0.468	0.0	103	0.00
54	T	cis-1,3-Dichloropropene	0.552	0.543	1.6	104	0.00
55	T	1,1,2-Trichloroethane	0.249	0.236	5.2	100	0.00
56	T	Ethyl methacrylate	0.345	0.351	-1.7	101	0.00
57	T	1,3-Dichloropropane	0.438	0.431	1.6	104	0.00
58	T	2-Chloroethyl Vinyl ether	0.165	0.155	6.1	92	0.00
59	T	2-Hexanone	0.159	0.159	0.0	98	0.00
60	T	Dibromochloromethane	0.340	0.332	2.4	102	0.00
61	T	1,2-Dibromoethane	0.236	0.224	5.1	100	0.00
62	S	4-Bromofluorobenzene	0.426	0.420	1.4	112	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
64	T	Tetrachloroethene	0.378	0.359	5.0	103	0.00
65	PM	Chlorobenzene	1.122	1.091	2.8	104	0.00
66	T	1,1,1,2-Tetrachloroethane	0.393	0.387	1.5	105	0.00
67	C	Ethyl Benzene	1.988	1.972	0.8#	104	0.00
68	T	m/p-Xylenes	0.748	0.735	1.7	103	0.00
69	T	o-Xylene	0.701	0.696	0.7	103	0.00
70	T	Styrene	1.166	1.176	-0.9	103	0.00
71	P	Bromoform	0.225	0.217	3.6	99	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	108	0.00
73	T	Isopropylbenzene	3.759	3.742	0.5	102	0.00
74	T	N-amyl acetate	0.955	0.978	-2.4	100	0.00
75	P	1,1,2,2-Tetrachloroethane	0.663	0.639	3.6	99	0.00
76	T	1,2,3-Trichloropropane	0.500	0.401	19.8	83	0.00
77	T	Bromobenzene	0.874	0.866	0.9	103	0.00
78	T	n-propylbenzene	4.561	4.517	1.0	101	0.00
79	T	2-Chlorotoluene	2.618	2.575	1.6	103	0.00
80	T	1,3,5-Trimethylbenzene	3.083	3.059	0.8	102	0.00
81	T	trans-1,4-Dichloro-2-butene	0.225	0.224	0.4	100	0.00
82	T	4-Chlorotoluene	2.714	2.682	1.2	103	0.00
83	T	tert-Butylbenzene	2.785	2.716	2.5	102	0.00
84	T	1,2,4-Trimethylbenzene	3.066	3.057	0.3	102	0.00
85	T	sec-Butylbenzene	4.068	3.911	3.9	100	0.00
86	T	p-Isopropyltoluene	3.397	3.301	2.8	100	0.00
87	T	1,3-Dichlorobenzene	1.730	1.676	3.1	101	0.00
88	T	1,4-Dichlorobenzene	1.709	1.633	4.4	101	0.00
89	T	n-Butylbenzene	3.196	3.100	3.0	98	0.00
90	T	Hexachloroethane	0.710	0.671	5.5	101	0.00
91	T	1,2-Dichlorobenzene	1.515	1.469	3.0	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.105	0.099	5.7	95	0.00
93	T	1,2,4-Trichlorobenzene	0.925	0.884	4.4	99	0.00
94	T	Hexachlorobutadiene	0.582	0.531	8.8	97	0.00
95	T	Naphthalene	1.532	1.561	-1.9	98	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021320.D
Acq On : 26 Feb 2025 10:11
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 27 00:33:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.781	0.747	4.4	98	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021320.D
Acq On : 26 Feb 2025 10:11
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 27 00:33:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	111	0.00
2	T	Dichlorodifluoromethane	50.000	46.640	6.7	99	0.00
3	P	Chloromethane	50.000	47.473	5.1	107	0.00
4	C	Vinyl Chloride	50.000	48.798	2.4#	103	0.00
5	T	Bromomethane	50.000	46.361	7.3	106	0.00
6	T	Chloroethane	50.000	48.772	2.5	103	0.00
7	T	Trichlorofluoromethane	50.000	47.701	4.6	102	0.00
8	T	Diethyl Ether	50.000	49.537	0.9	104	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.169	5.7	102	0.00
10	T	Methyl Iodide	50.000	52.212	-4.4	100	0.00
11	T	Tert butyl alcohol	250.000	202.221	19.1	97	0.00
12	CM	1,1-Dichloroethene	50.000	48.413	3.2#	104	0.00
13	T	Acrolein	250.000	42.624	83.0#	94	0.00
14	T	Allyl chloride	50.000	50.242	-0.5	107	0.00
15	T	Acrylonitrile	250.000	241.892	3.2	101	0.00
16	T	Acetone	250.000	260.267	-4.1	98	0.00
17	T	Carbon Disulfide	50.000	48.712	2.6	104	0.00
18	T	Methyl Acetate	50.000	48.342	3.3	103	0.00
19	T	Methyl tert-butyl Ether	50.000	49.206	1.6	103	0.00
20	T	Methylene Chloride	50.000	45.263	9.5	101	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.708	2.6	104	0.00
22	T	Diisopropyl ether	50.000	50.442	-0.9	105	0.00
23	T	Vinyl Acetate	250.000	249.197	0.3	102	0.00
24	P	1,1-Dichloroethane	50.000	49.069	1.9	104	0.00
25	T	2-Butanone	250.000	246.999	1.2	98	0.00
26	T	2,2-Dichloropropane	50.000	49.191	1.6	106	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.053	-0.1	105	0.00
28	T	Bromochloromethane	50.000	47.247	5.5	106	0.00
29	T	Tetrahydrofuran	250.000	238.435	4.6	99	0.00
30	C	Chloroform	50.000	49.253	1.5#	105	0.00
31	T	Cyclohexane	50.000	46.094	7.8	103	0.00
32	T	1,1,1-Trichloroethane	50.000	48.795	2.4	105	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.987	4.0	109	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	113	0.00
35	S	Dibromofluoromethane	50.000	48.743	2.5	111	0.00
36	T	1,1-Dichloropropene	50.000	48.254	3.5	104	0.00
37	T	Ethyl Acetate	50.000	48.080	3.8	104	0.00
38	T	Carbon Tetrachloride	50.000	48.402	3.2	104	0.00
39	T	Methylcyclohexane	50.000	46.422	7.2	99	0.00
40	TM	Benzene	50.000	48.593	2.8	105	0.00
41	T	Methacrylonitrile	50.000	42.766	14.5	90	0.00
42	TM	1,2-Dichloroethane	50.000	47.978	4.0	104	0.00
43	T	Isopropyl Acetate	50.000	47.984	4.0	100	0.00
44	TM	Trichloroethene	50.000	48.665	2.7	105	0.00
45	C	1,2-Dichloropropane	50.000	48.637	2.7#	104	0.00
46	T	Dibromomethane	50.000	48.195	3.6	103	0.00
47	T	Bromodichloromethane	50.000	48.352	3.3	103	0.00
48	T	Methyl methacrylate	50.000	48.481	3.0	98	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
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Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 27 00:33:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	944.605	5.5	102	0.00
50	S	Toluene-d8	50.000	49.599	0.8	114	0.00
51	T	4-Methyl-2-Pentanone	250.000	240.853	3.7	99	0.00
52	CM	Toluene	50.000	49.351	1.3#	105	0.00
53	T	t-1,3-Dichloropropene	50.000	49.988	0.0	103	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.192	1.6	104	0.00
55	T	1,1,2-Trichloroethane	50.000	47.334	5.3	100	0.00
56	T	Ethyl methacrylate	50.000	50.979	-2.0	101	0.00
57	T	1,3-Dichloropropane	50.000	49.183	1.6	104	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	234.614	6.2	92	0.00
59	T	2-Hexanone	250.000	249.476	0.2	98	0.00
60	T	Dibromochloromethane	50.000	48.867	2.3	102	0.00
61	T	1,2-Dibromoethane	50.000	47.532	4.9	100	0.00
62	S	4-Bromofluorobenzene	50.000	49.290	1.4	112	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	112	0.00
64	T	Tetrachloroethene	50.000	47.455	5.1	103	0.00
65	PM	Chlorobenzene	50.000	48.625	2.8	104	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.295	1.4	105	0.00
67	C	Ethyl Benzene	50.000	49.609	0.8#	104	0.00
68	T	m/p-Xylenes	100.000	98.298	1.7	103	0.00
69	T	o-Xylene	50.000	49.676	0.6	103	0.00
70	T	Styrene	50.000	50.431	-0.9	103	0.00
71	P	Bromoform	50.000	48.247	3.5	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	108	0.00
73	T	Isopropylbenzene	50.000	49.774	0.5	102	0.00
74	T	N-amyl acetate	50.000	51.162	-2.3	100	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.150	3.7	99	0.00
76	T	1,2,3-Trichloropropane	50.000	40.055	19.9	83	0.00
77	T	Bromobenzene	50.000	49.529	0.9	103	0.00
78	T	n-propylbenzene	50.000	49.510	1.0	101	0.00
79	T	2-Chlorotoluene	50.000	49.181	1.6	103	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.604	0.8	102	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.724	0.6	100	0.00
82	T	4-Chlorotoluene	50.000	49.408	1.2	103	0.00
83	T	tert-Butylbenzene	50.000	48.765	2.5	102	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.846	0.3	102	0.00
85	T	sec-Butylbenzene	50.000	48.069	3.9	100	0.00
86	T	p-Isopropyltoluene	50.000	48.594	2.8	100	0.00
87	T	1,3-Dichlorobenzene	50.000	48.450	3.1	101	0.00
88	T	1,4-Dichlorobenzene	50.000	47.797	4.4	101	0.00
89	T	n-Butylbenzene	50.000	48.491	3.0	98	0.00
90	T	Hexachloroethane	50.000	47.306	5.4	101	0.00
91	T	1,2-Dichlorobenzene	50.000	48.457	3.1	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.306	5.4	95	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.769	4.5	99	0.00
94	T	Hexachlorobutadiene	50.000	45.603	8.8	97	0.00
95	T	Naphthalene	50.000	50.937	-1.9	98	0.00

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ALS Vial : 3 Sample Multiplier: 1

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.779	4.4	98	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG No.: Q1383

Instrument ID: MSVOA_Y Calibration Date/Time: 02/26/2025 20:06

Lab File ID: VY021344.D Init. Calib. Date(s): 02/25/2025 02/25/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 12:40 16:49

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.474	0.427		-9.92	50
Chloromethane	0.612	0.566	0.1	-7.52	50
Vinyl Chloride	0.601	0.577		-3.99	50
Bromomethane	0.399	0.382		-4.26	50
Chloroethane	0.373	0.374		0.27	50
Tetrahydrofuran	0.107	0.112		4.67	50
Trichlorofluoromethane	0.908	0.871		-4.07	50
1,1,2-Trichlorotrifluoroethane	0.525	0.494		-5.91	50
1,1-Dichloroethene	0.503	0.489		-2.78	50
Acrylonitrile	0.120	0.125		4.17	50
Acetone	0.109	0.098		-10.09	50
Carbon Disulfide	1.671	1.626		-2.69	50
Methyl tert-butyl Ether	1.329	1.439		8.28	50
Methylene Chloride	0.588	0.567		-3.57	50
trans-1,2-Dichloroethene	0.554	0.566		2.17	50
1,1-Dichloroethane	1.040	1.051	0.1	1.06	50
2-Butanone	0.164	0.166		1.22	50
Carbon Tetrachloride	0.554	0.520		-6.14	50
2,2-Dichloropropane	0.944	0.817		-13.45	50
cis-1,2-Dichloroethene	0.632	0.663		4.91	50
Chloroform	1.054	1.085		2.94	50
1,1,1-Trichloroethane	0.960	0.958		-0.21	50
1,1-Dichloropropene	0.492	0.462		-6.1	50
Benzene	1.456	1.421		-2.4	50
1,2-Dichloroethane	0.413	0.419		1.45	50
Trichloroethene	0.364	0.352		-3.3	50
1,2-Dichloropropane	0.350	0.341		-2.57	50
Dibromomethane	0.191	0.193		1.05	50
Bromodichloromethane	0.511	0.511		0	50
4-Methyl-2-Pentanone	0.243	0.248		2.06	50
Toluene	0.904	0.897		-0.77	50
t-1,3-Dichloropropene	0.468	0.465		-0.64	50
cis-1,3-Dichloropropene	0.552	0.534		-3.26	50
1,1,2-Trichloroethane	0.249	0.254		2.01	50
1,3-Dichloropropane	0.438	0.445		1.6	50
2-Hexanone	0.159	0.166		4.4	50
Dibromochloromethane	0.340	0.345		1.47	50
1,2-Dibromoethane	0.236	0.239		1.27	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
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VOLATILE CONTINUING CALIBRATION CHECK

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Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG No.: Q1383

Instrument ID: MSVOA_Y Calibration Date/Time: 02/26/2025 20:06

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Heated Purge: (Y/N) Y Init. Calib. Time(s): 12:40 16:49

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Tetrachloroethene	0.378	0.354		-6.35	50
Chlorobenzene	1.122	1.085	0.3	-3.3	50
1,1,1,2-Tetrachloroethane	0.393	0.388		-1.27	50
Ethyl Benzene	1.988	1.913		-3.77	50
m/p-Xylenes	0.748	0.722		-3.48	50
o-Xylene	0.701	0.694		-1	50
Styrene	1.166	1.170		0.26	50
Bromoform	0.225	0.225	0.1	0	50
Isopropylbenzene	3.759	3.702		-1.52	50
1,1,2,2-Tetrachloroethane	0.663	0.666	0.3	0.45	50
1,2,3-Trichloropropane	0.500	0.488		-2.4	50
Bromobenzene	0.874	0.883		1.03	50
n-propylbenzene	4.561	4.370		-4.19	50
2-Chlorotoluene	2.618	2.575		-1.64	50
1,3,5-Trimethylbenzene	3.083	3.024		-1.91	50
4-Chlorotoluene	2.714	2.646		-2.51	50
tert-Butylbenzene	2.785	2.736		-1.76	50
1,2,4-Trimethylbenzene	3.066	3.031		-1.14	50
sec-Butylbenzene	4.068	3.811		-6.32	50
p-Isopropyltoluene	3.397	3.220		-5.21	50
1,3-Dichlorobenzene	1.730	1.669		-3.53	50
1,4-Dichlorobenzene	1.709	1.629		-4.68	50
n-Butylbenzene	3.196	2.914		-8.82	50
1,2-Dichlorobenzene	1.515	1.475		-2.64	50
1,2-Dibromo-3-Chloropropane	0.105	0.107		1.9	50
1,2,4-Trichlorobenzene	0.925	0.861		-6.92	50
Hexachlorobutadiene	0.582	0.503		-13.57	50
1,2,3-Trichlorobenzene	0.781	0.742		-4.99	50
1,2-Dichloroethane-d4	0.567	0.529		-6.7	50
Dibromofluoromethane	0.328	0.298		-9.15	50
Toluene-d8	1.267	1.131		-10.73	50
4-Bromofluorobenzene	0.426	0.383		-10.09	50
trans-1,4-Dichloro-2-butene	0.225	0.214		-4.89	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_Y\Data\VY022625\
Data File : VY021344.D
Acq On : 26 Feb 2025 20:06
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Feb 27 00:45:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	209132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	343428	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	305969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	148168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	110600	46.619	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 93.240%			
35) Dibromofluoromethane	7.634	113	102286	45.429	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 90.860%			
50) Toluene-d8	10.103	98	388525	44.650	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 89.300%			
62) 4-Bromofluorobenzene	12.408	95	131584	44.933	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 89.860%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	89202	44.987	ug/l	100
3) Chloromethane	2.068	50	118305	46.199	ug/l	100
4) Vinyl Chloride	2.202	62	120584	47.976	ug/l	98
5) Bromomethane	2.592	94	79891	47.832	ug/l	99
6) Chloroethane	2.733	64	78213	50.180	ug/l	98
7) Trichlorofluoromethane	3.056	101	182167	47.991	ug/l	98
8) Diethyl Ether	3.452	74	60683	53.265	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	103386	47.044	ug/l	99
10) Methyl Iodide	4.007	142	132681	57.386	ug/l	99
11) Tert butyl alcohol	4.854	59	42284	231.715	ug/l	99
12) 1,1-Dichloroethene	3.787	96	102196	48.566	ug/l	99
13) Acrolein	3.653	56	6424	45.939	ug/l	96
14) Allyl chloride	4.385	41	183341	49.143	ug/l	99
15) Acrylonitrile	5.055	53	130861	259.792	ug/l	99
16) Acetone	3.866	43	102355	224.914	ug/l	98
17) Carbon Disulfide	4.104	76	340079	48.671	ug/l	100
18) Methyl Acetate	4.385	43	59440	53.445	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	300902	54.123	ug/l	100
20) Methylene Chloride	4.616	84	118498	48.152	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	118319	51.077	ug/l	97
22) Diisopropyl ether	6.019	45	402879	52.185	ug/l	98
23) Vinyl Acetate	5.958	43	1195161	259.062	ug/l	100
24) 1,1-Dichloroethane	5.915	63	219734	50.498	ug/l	99
25) 2-Butanone	6.890	43	173965	253.286	ug/l	99
26) 2,2-Dichloropropane	6.884	77	170930	43.292	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	138734	52.447	ug/l	97
28) Bromochloromethane	7.244	49	93313	48.465	ug/l	97
29) Tetrahydrofuran	7.262	42	117269	261.209	ug/l	99
30) Chloroform	7.421	83	226821	51.443	ug/l	99
31) Cyclohexane	7.701	56	184463	44.101	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	200425	49.940	ug/l	98
36) 1,1-Dichloropropene	7.835	75	158713	46.928	ug/l	99
37) Ethyl Acetate	6.982	43	82433	48.999	ug/l	99
38) Carbon Tetrachloride	7.817	117	178448	46.933	ug/l	99
39) Methylcyclohexane	9.109	83	191242	44.707	ug/l	99
40) Benzene	8.079	78	488113	48.823	ug/l	99

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Data File : VY021344.D
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Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Feb 27 00:45:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	50830	54.039	ug/l		93
42) 1,2-Dichloroethane	8.158	62	143731	50.672	ug/l		99
43) Isopropyl Acetate	8.195	43	162361	49.861	ug/l		99
44) Trichloroethene	8.866	130	120825	48.271	ug/l		99
45) 1,2-Dichloropropane	9.140	63	117257	48.736	ug/l		99
46) Dibromomethane	9.231	93	66414	50.499	ug/l		99
47) Bromodichloromethane	9.420	83	175634	50.086	ug/l		98
48) Methyl methacrylate	9.219	41	77080	50.619	ug/l		97
49) 1,4-Dioxane	9.225	88	14855	1015.844	ug/l	#	93
51) 4-Methyl-2-Pentanone	10.000	43	425033	254.988	ug/l		99
52) Toluene	10.170	92	307967	49.585	ug/l		99
53) t-1,3-Dichloropropene	10.390	75	159678	49.701	ug/l		100
54) cis-1,3-Dichloropropene	9.853	75	183344	48.340	ug/l		100
55) 1,1,2-Trichloroethane	10.573	97	87133	50.858	ug/l		99
56) Ethyl methacrylate	10.438	69	127215	53.738	ug/l		98
57) 1,3-Dichloropropane	10.713	76	152781	50.818	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	292101	257.068	ug/l		99
59) 2-Hexanone	10.755	43	285133	260.462	ug/l		99
60) Dibromochloromethane	10.908	129	118508	50.788	ug/l		99
61) 1,2-Dibromoethane	11.012	107	82050	50.586	ug/l		98
64) Tetrachloroethene	10.646	164	108193	46.783	ug/l		99
65) Chlorobenzene	11.444	112	331937	48.330	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.518	131	118595	49.313	ug/l		100
67) Ethyl Benzene	11.518	91	585231	48.106	ug/l		100
68) m/p-Xylenes	11.627	106	441830	96.556	ug/l		100
69) o-Xylene	11.956	106	212382	49.544	ug/l		100
70) Styrene	11.969	104	357830	50.170	ug/l		100
71) Bromoform	12.133	173	68887	50.071	ug/l		99
73) Isopropylbenzene	12.255	105	548496	49.240	ug/l		100
74) N-amyl acetate	12.072	43	146735	51.825	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	98641	50.176	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	72307m	48.754	ug/l		
77) Bromobenzene	12.530	156	130762	50.469	ug/l		98
78) n-propylbenzene	12.597	91	647434	47.897	ug/l		99
79) 2-Chlorotoluene	12.676	91	381569	49.187	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	448101	49.048	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	31668	47.460	ug/l		97
82) 4-Chlorotoluene	12.773	91	392065	48.755	ug/l		99
83) tert-Butylbenzene	12.999	119	405401	49.124	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	449054	49.422	ug/l		99
85) sec-Butylbenzene	13.176	105	564734	46.848	ug/l		99
86) p-Isopropyltoluene	13.292	119	477095	47.399	ug/l		100
87) 1,3-Dichlorobenzene	13.286	146	247228	48.238	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	241313	47.661	ug/l		99
89) n-Butylbenzene	13.615	91	431776	45.583	ug/l		100
90) Hexachloroethane	13.883	117	97989	46.606	ug/l		98
91) 1,2-Dichlorobenzene	13.657	146	218493	48.659	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	15872	51.037	ug/l		99
93) 1,2,4-Trichlorobenzene	14.919	180	127534	46.535	ug/l		99
94) Hexachlorobutadiene	15.023	225	74574	43.221	ug/l		99
95) Naphthalene	15.145	128	230889	50.863	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	109952	47.484	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021344.D
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Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Feb 27 00:45:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021344.D
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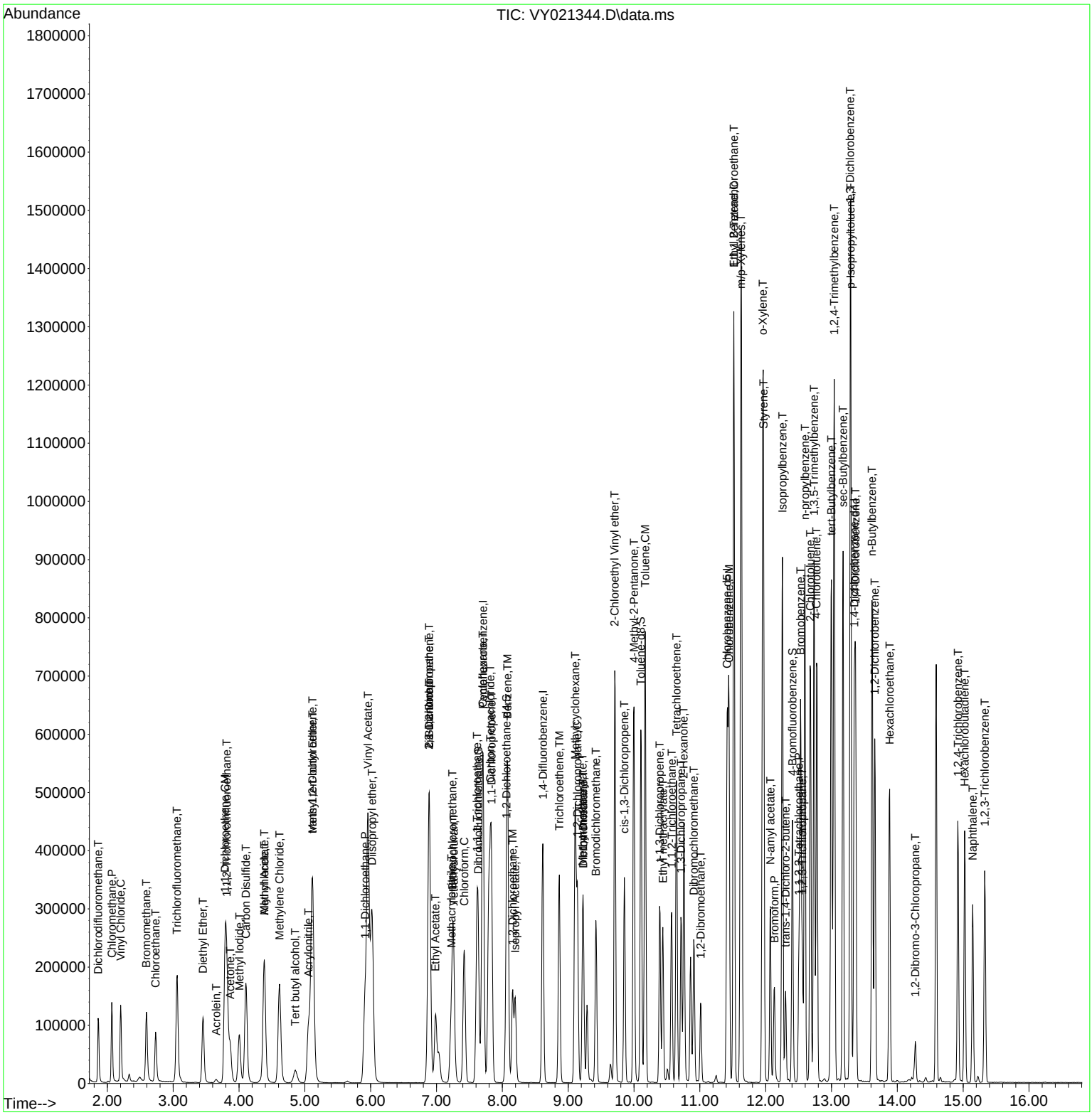
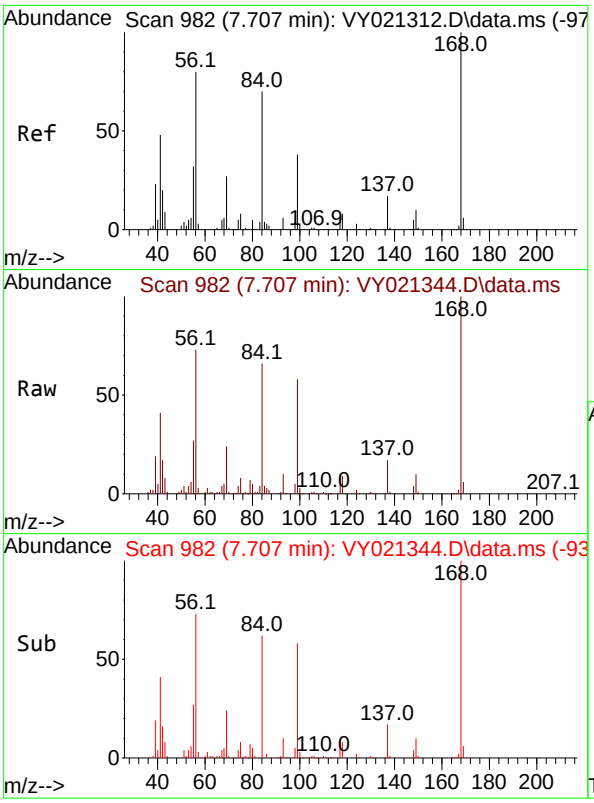
Quant Time: Feb 27 00:45:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

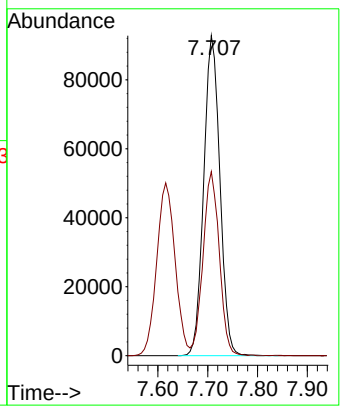
Tgt Ion:168 Resp: 20913

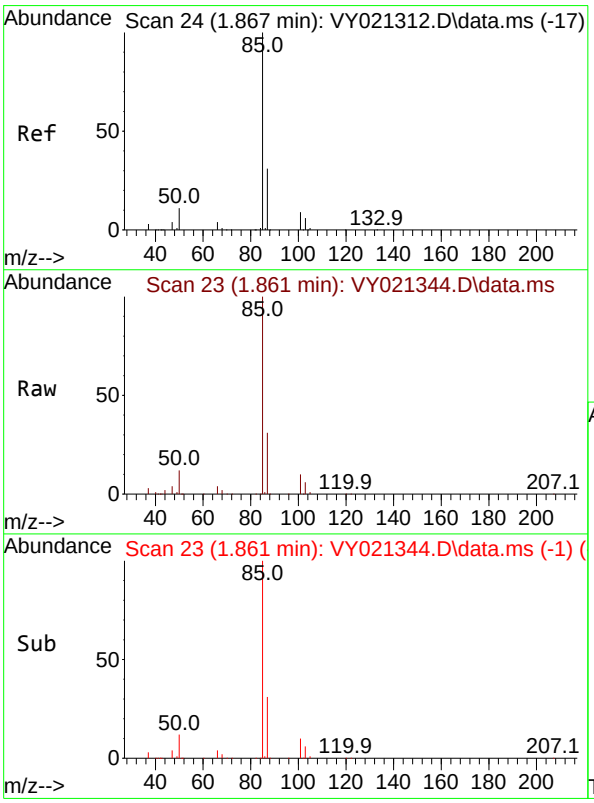
Ion	Ratio	Lower	Upper
168	100		
99	57.4	47.1	70.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

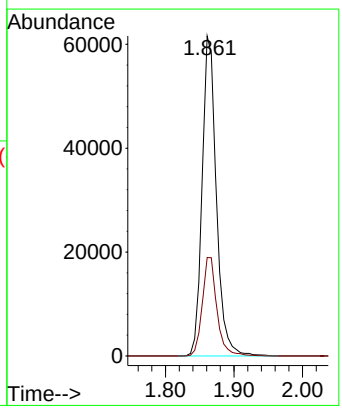


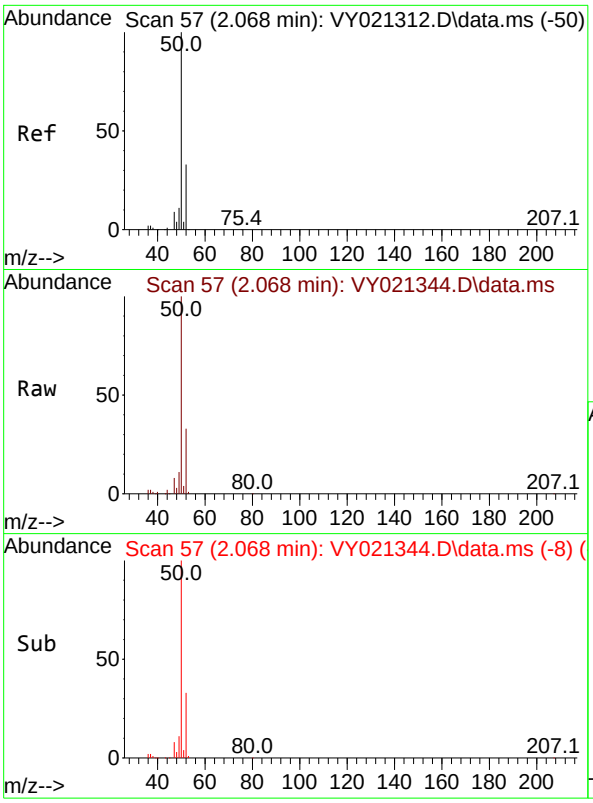


#2
Dichlorodifluoromethane
Concen: 44.987 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 85 Resp: 89202

Ion	Ratio	Lower	Upper
85	100		
87	30.7	15.4	46.4

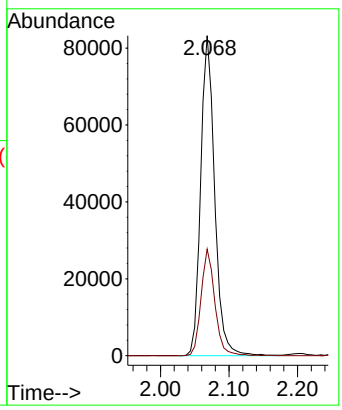




#3
Chloromethane
Concen: 46.199 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 50 Resp: 11830

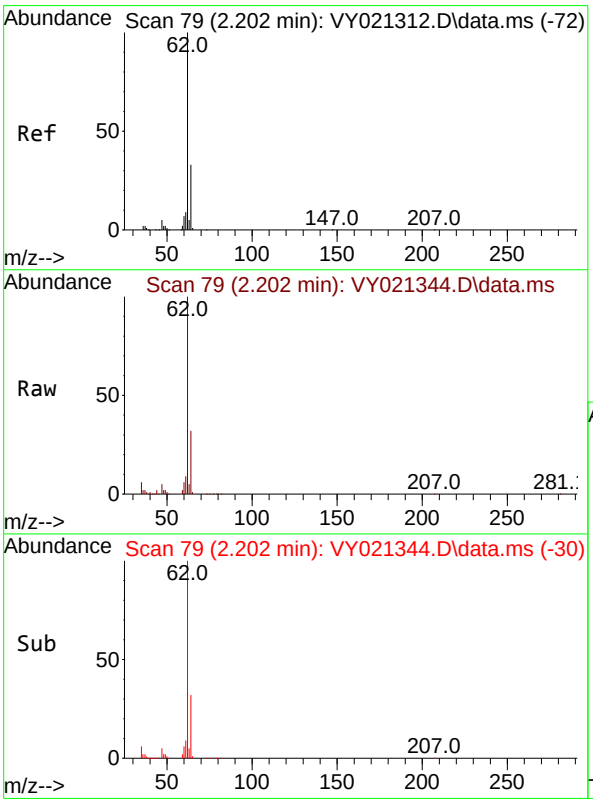
Ion	Ratio	Lower	Upper
50	100		
52	33.3	26.6	40.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

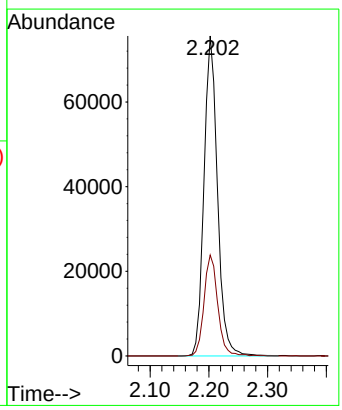
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

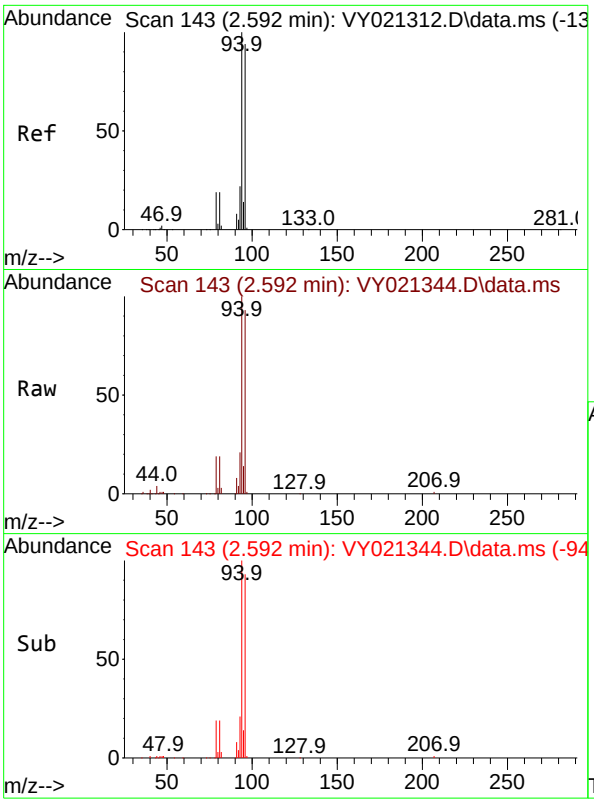


#4
Vinyl Chloride
Concen: 47.976 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 62 Resp: 120584

Ion	Ratio	Lower	Upper
62	100		
64	31.5	26.3	39.5





#5
Bromomethane
Concen: 47.832 ug/l
RT: 2.592 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

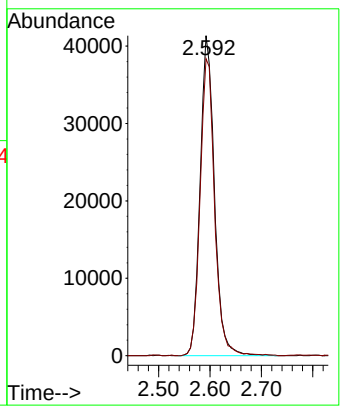
Tgt Ion: 94 Resp: 7989

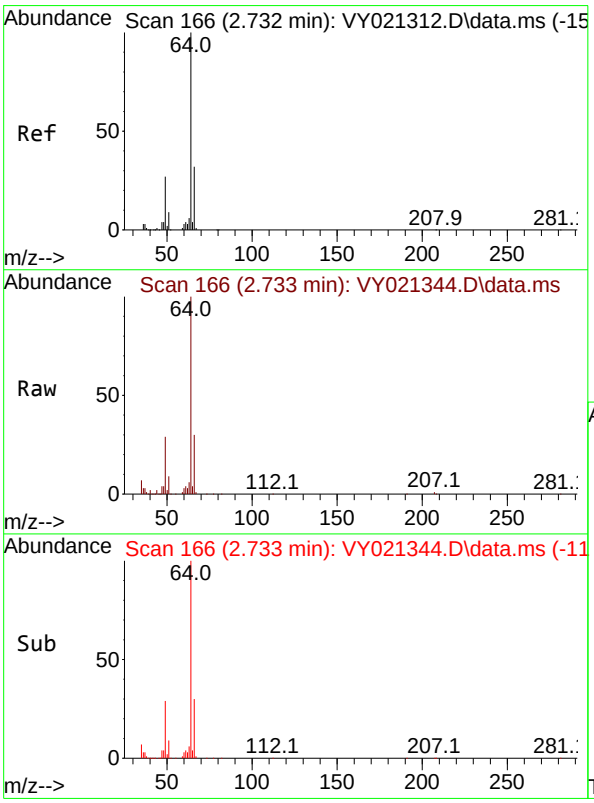
Ion	Ratio	Lower	Upper
94	100		
96	92.8	75.2	112.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

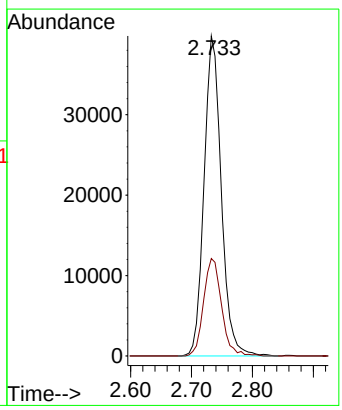


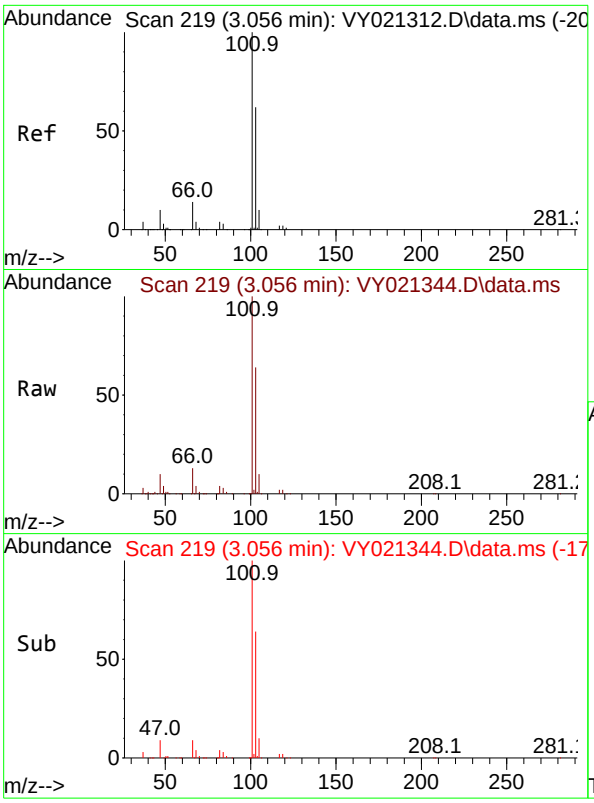


#6
Chloroethane
Concen: 50.180 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 64 Resp: 78213

Ion	Ratio	Lower	Upper
64	100		
66	30.4	25.4	38.0

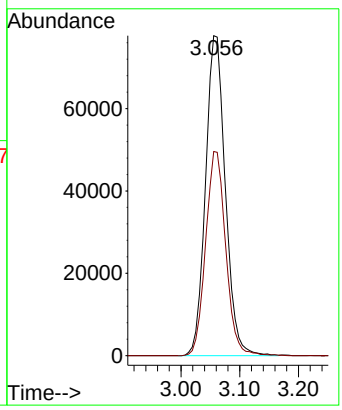




#7
Trichlorofluoromethane
Concen: 47.991 ug/l
RT: 3.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:101 Resp: 18216

Ion	Ratio	Lower	Upper
101	100		
103	63.8	49.7	74.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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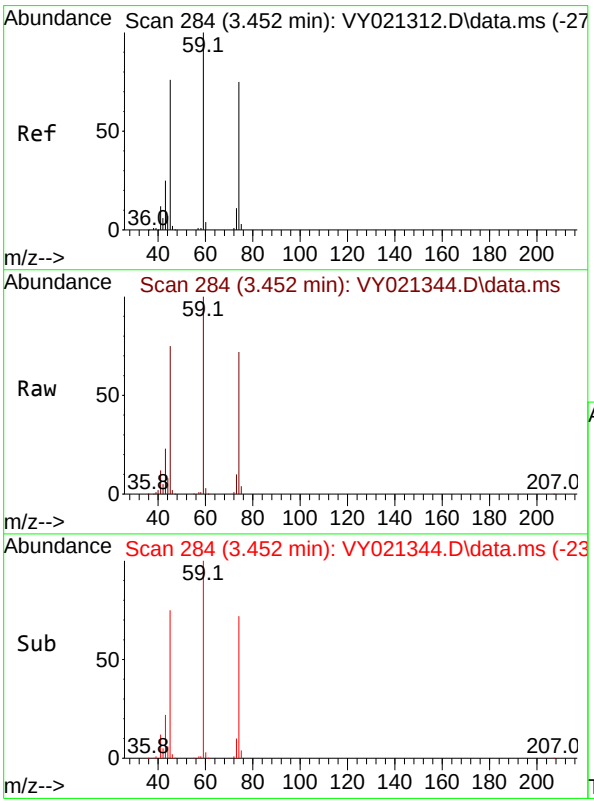
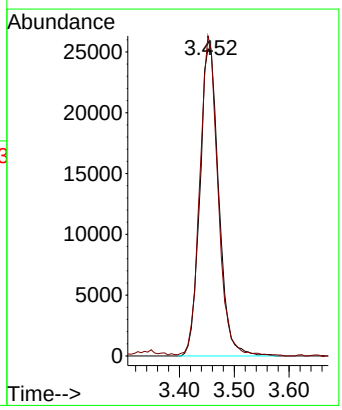
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

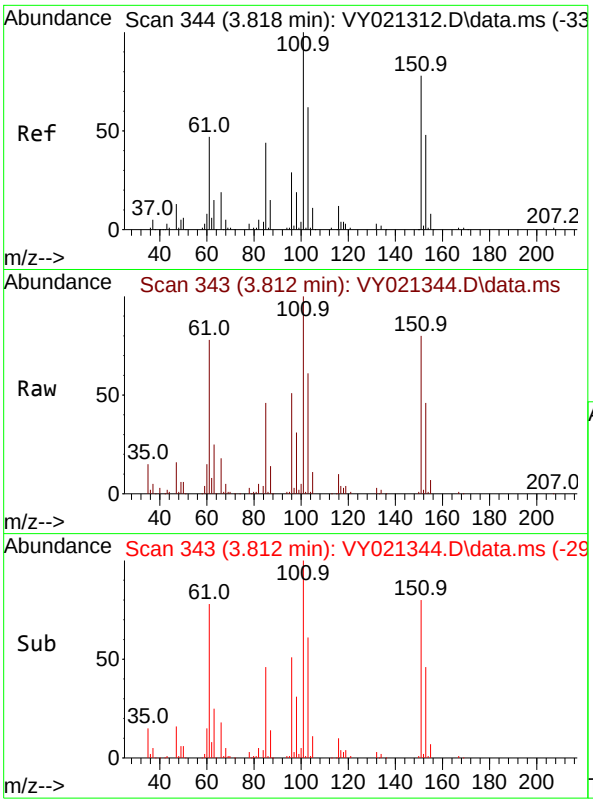


#8
Diethyl Ether
Concen: 53.265 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 74 Resp: 60683

Ion	Ratio	Lower	Upper
74	100		
45	99.3	50.3	150.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.044 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:101 Resp: 10338

Ion	Ratio	Lower	Upper
101	100		
85	46.2	36.7	55.1
151	79.0	62.6	94.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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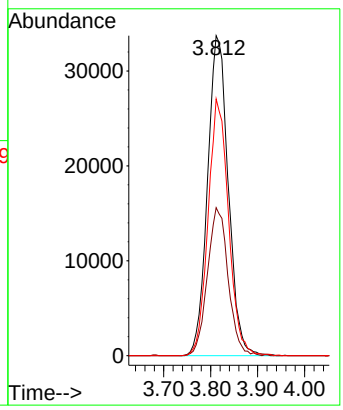
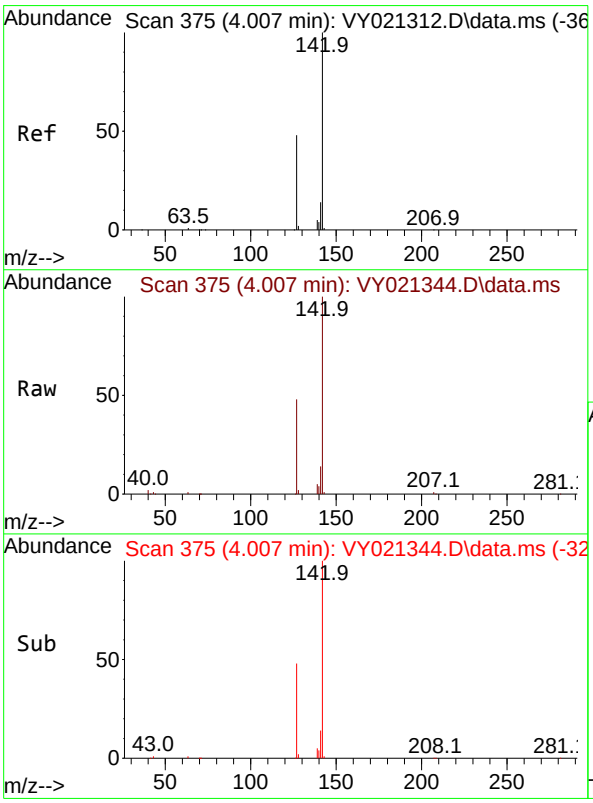
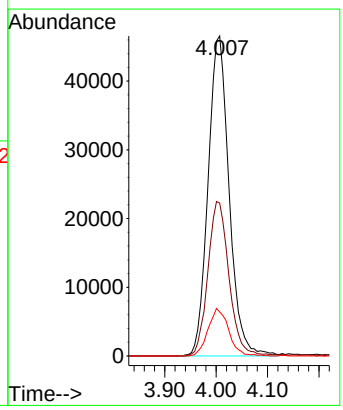


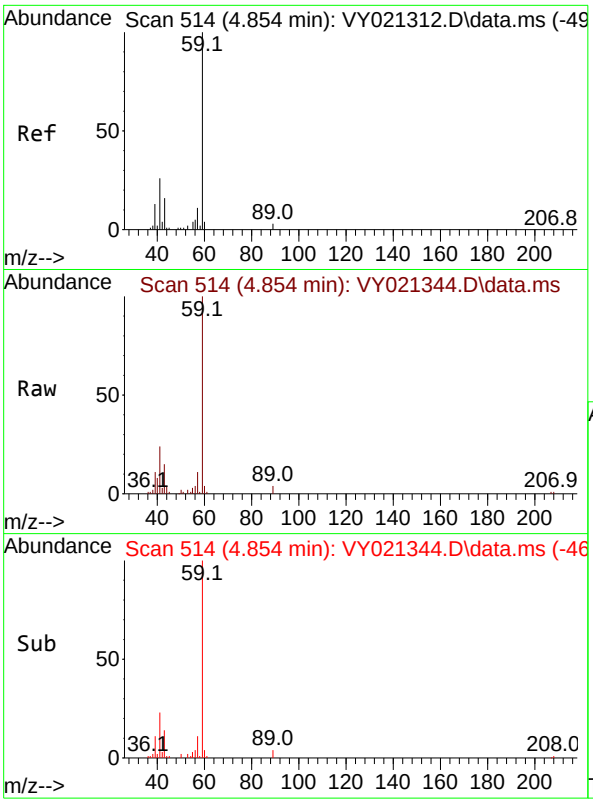


#10
Methyl Iodide
Concen: 57.386 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:142 Resp: 132681

Ion	Ratio	Lower	Upper
142	100		
127	48.5	39.2	58.8
141	14.5	11.4	17.2

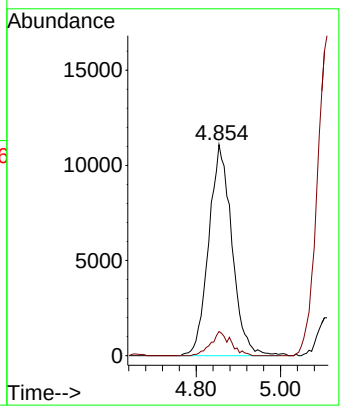




#11
Tert butyl alcohol
Concen: 231.715 ug/l
RT: 4.854 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 59 Resp: 4228

Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.3	12.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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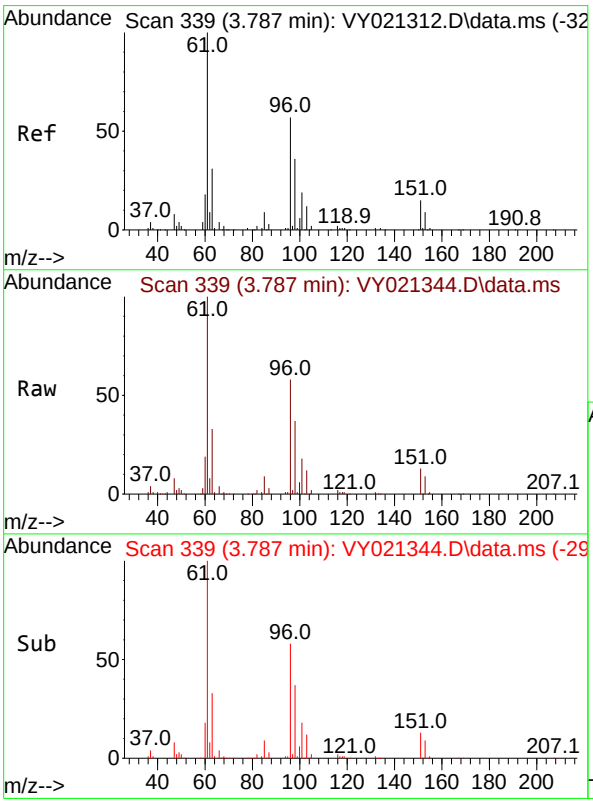
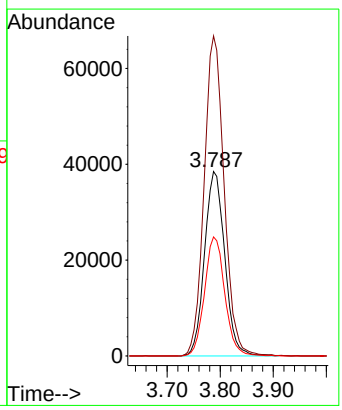
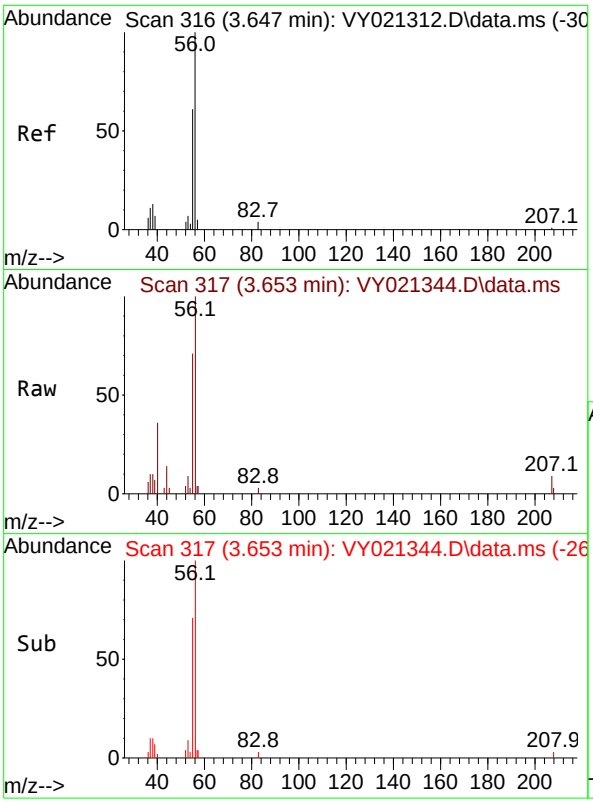


#12
1,1-Dichloroethene
Concen: 48.566 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 96 Resp: 102196

Ion	Ratio	Lower	Upper
96	100		
61	173.5	139.7	209.5
98	64.6	49.7	74.5

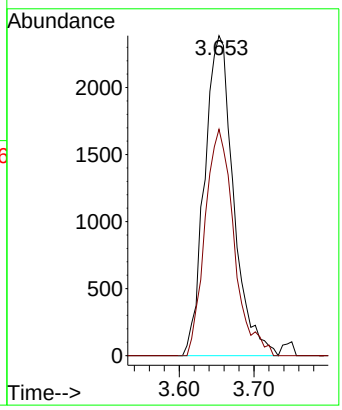




#13
Acrolein
Concen: 45.939 ug/l
RT: 3.653 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 56 Resp: 642

Ion	Ratio	Lower	Upper
56	100		
55	70.7	59.0	88.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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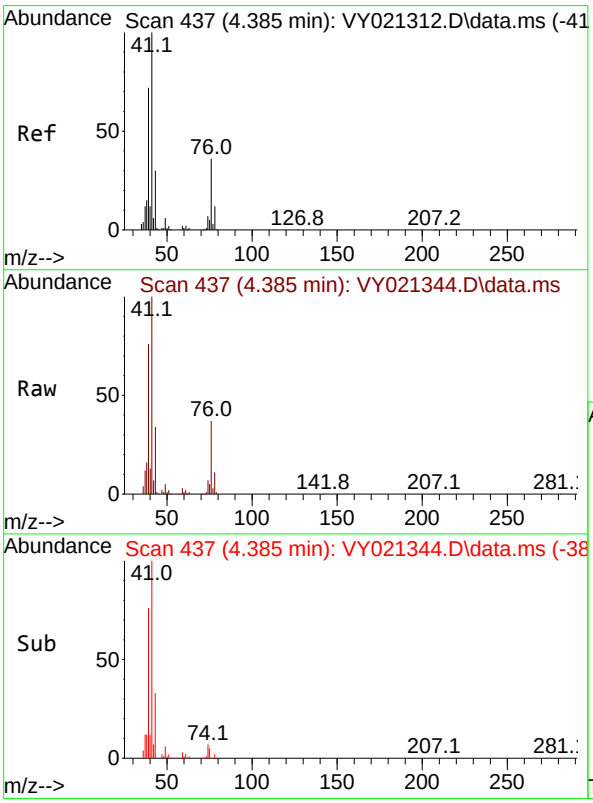
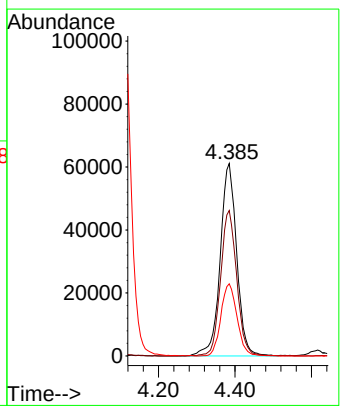
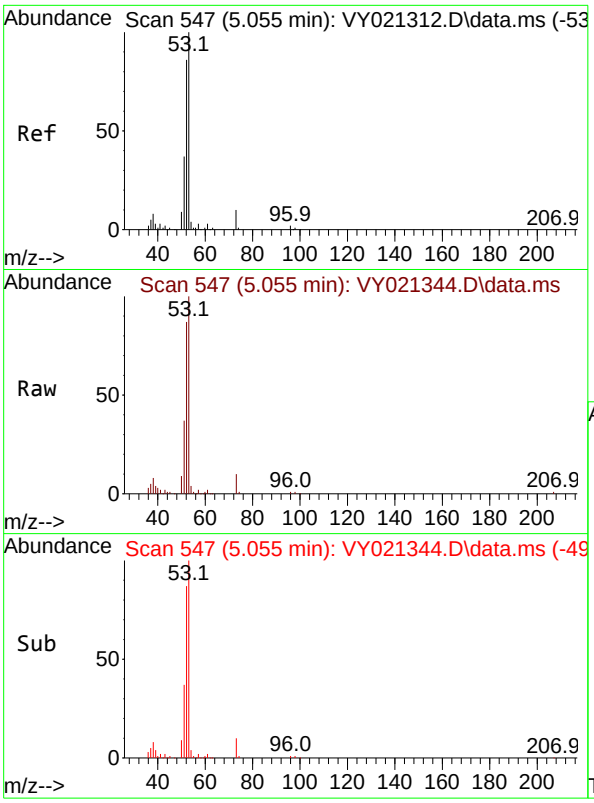


#14
Allyl chloride
Concen: 49.143 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 41 Resp: 183341

Ion	Ratio	Lower	Upper
41	100		
39	74.0	60.0	90.0
76	36.6	29.0	43.6





#15
Acrylonitrile
Concen: 259.792 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 53 Resp: 13086

Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.5	98.3
51	38.1	30.6	46.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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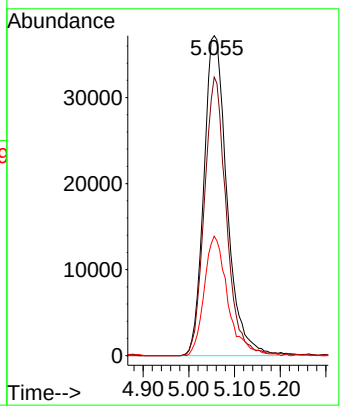
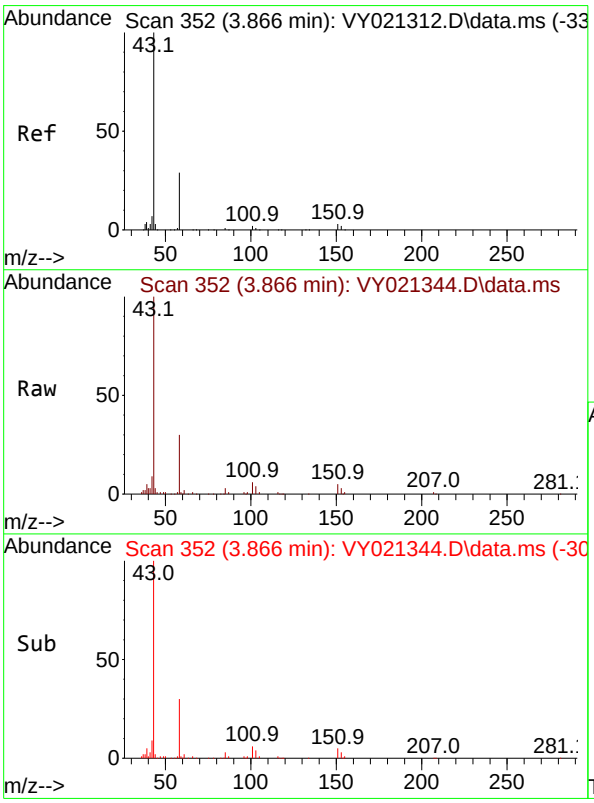
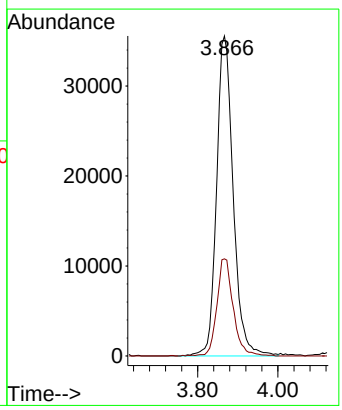


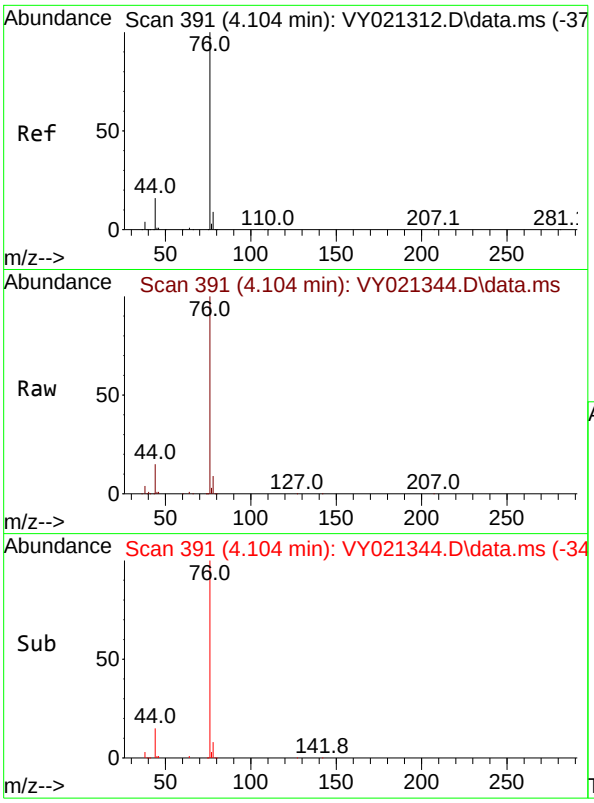


#16
Acetone
Concen: 224.914 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 43 Resp: 102355

Ion	Ratio	Lower	Upper
43	100		
58	30.4	23.5	35.3





#17
Carbon Disulfide
Concen: 48.671 ug/l
RT: 4.104 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 76 Resp: 34007

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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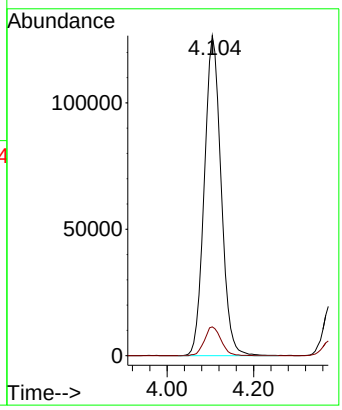
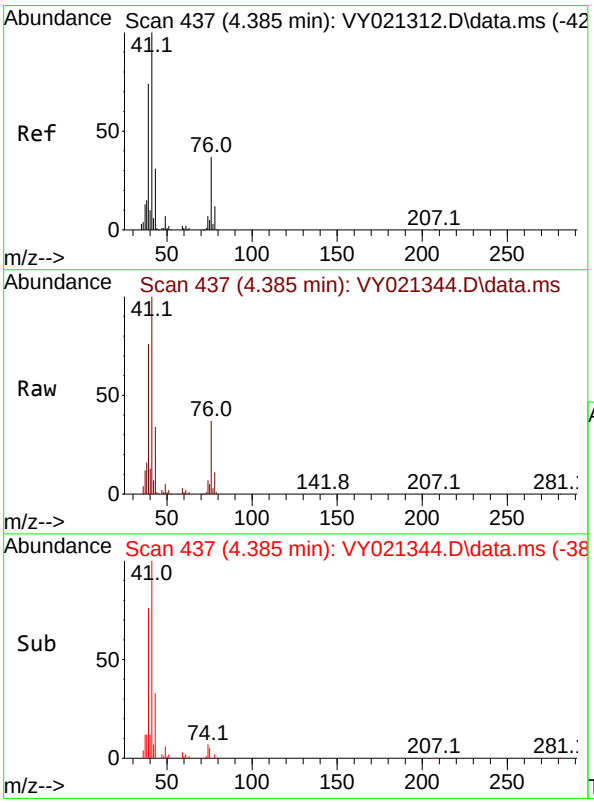
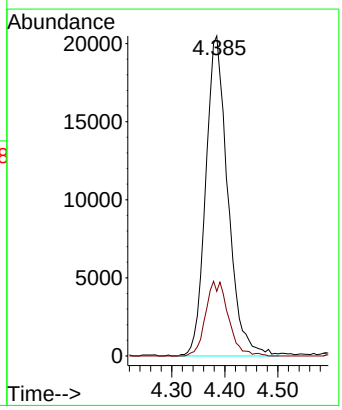


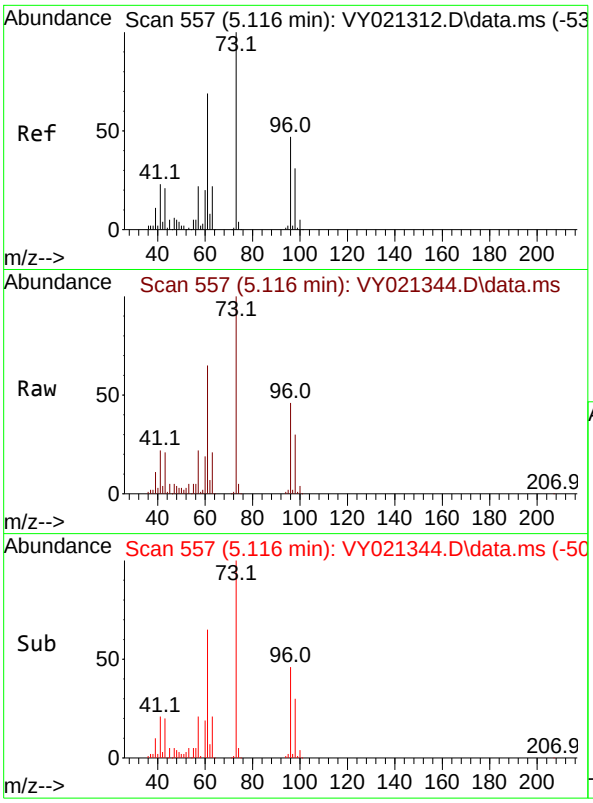


#18
Methyl Acetate
Concen: 53.445 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 43 Resp: 59440

Ion	Ratio	Lower	Upper
43	100		
74	24.0	17.7	26.5

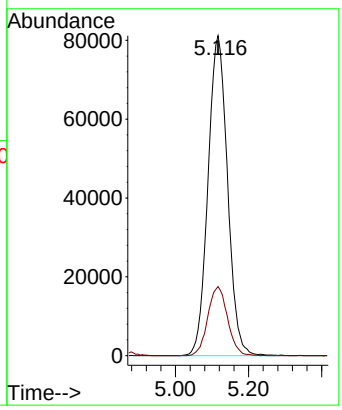




#19
Methyl tert-butyl Ether
Concen: 54.123 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 73 Resp: 30090

Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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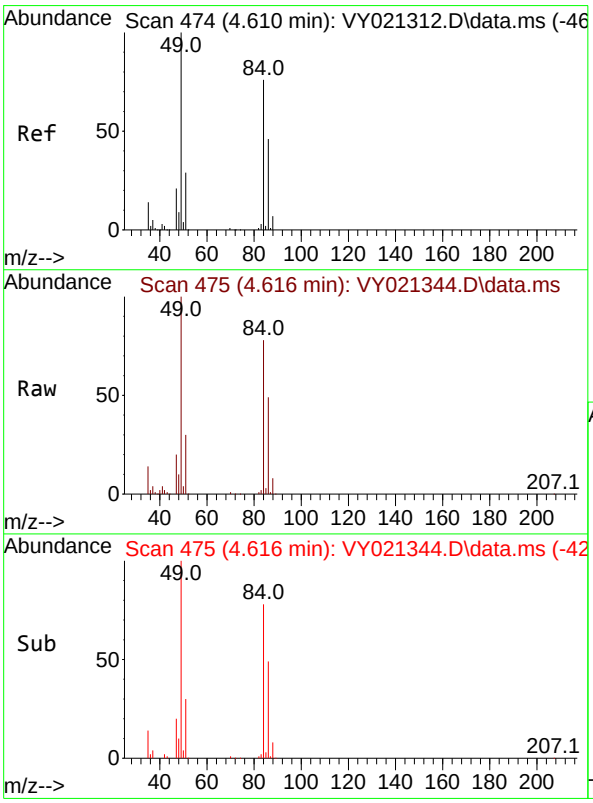
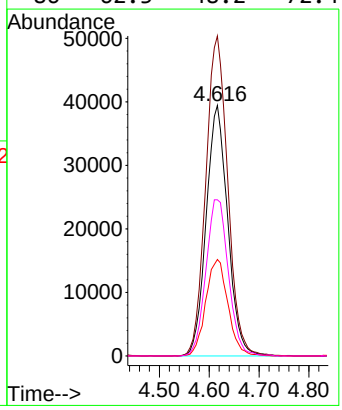
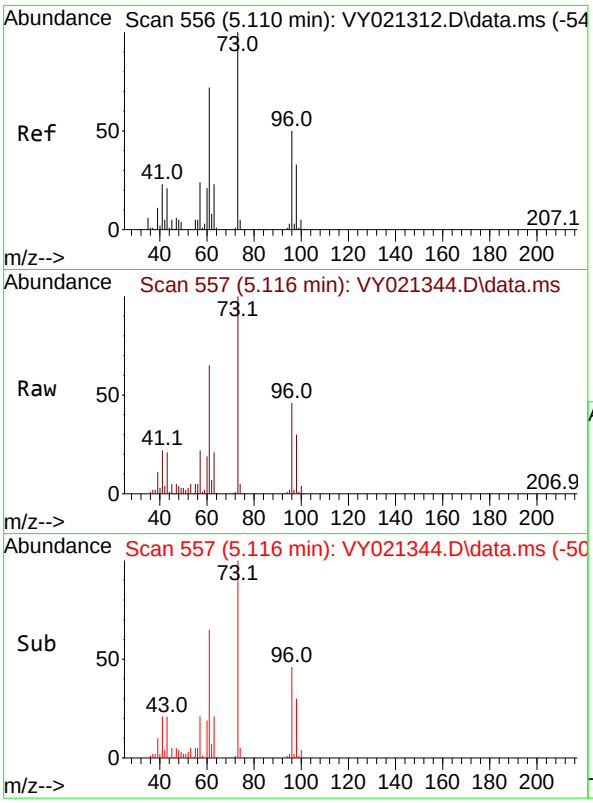


#20
Methylene Chloride
Concen: 48.152 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 84 Resp: 118498

Ion	Ratio	Lower	Upper
84	100		
49	127.7	105.1	157.7
51	38.5	31.0	46.4
86	62.3	48.2	72.4

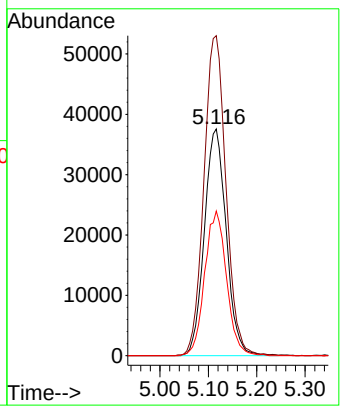




#21
trans-1,2-Dichloroethene
Concen: 51.077 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 96 Resp: 11831

Ion	Ratio	Lower	Upper
96	100		
61	141.0	116.3	174.5
98	63.8	52.6	78.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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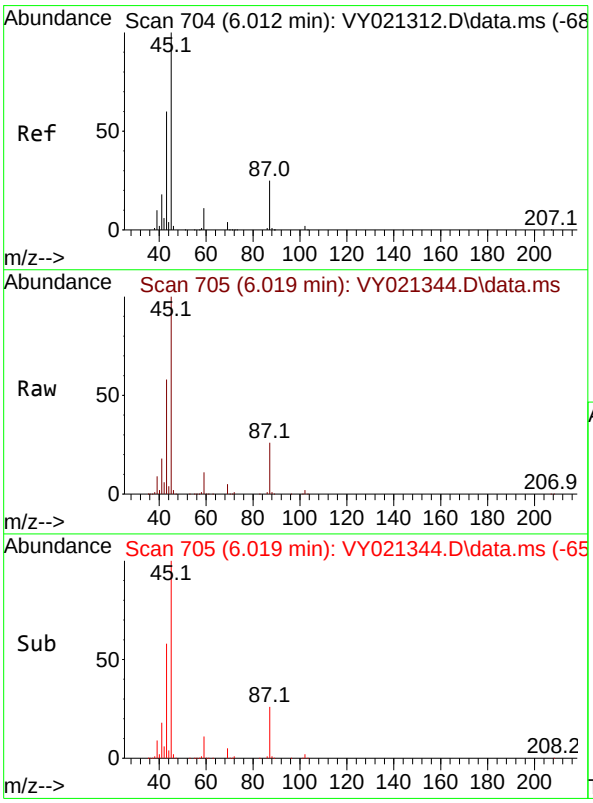
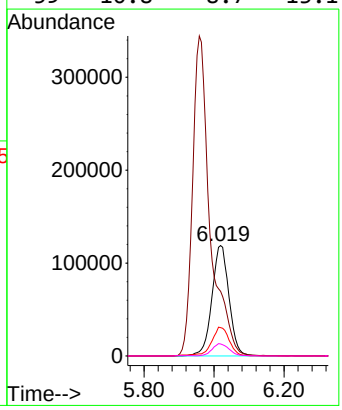
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

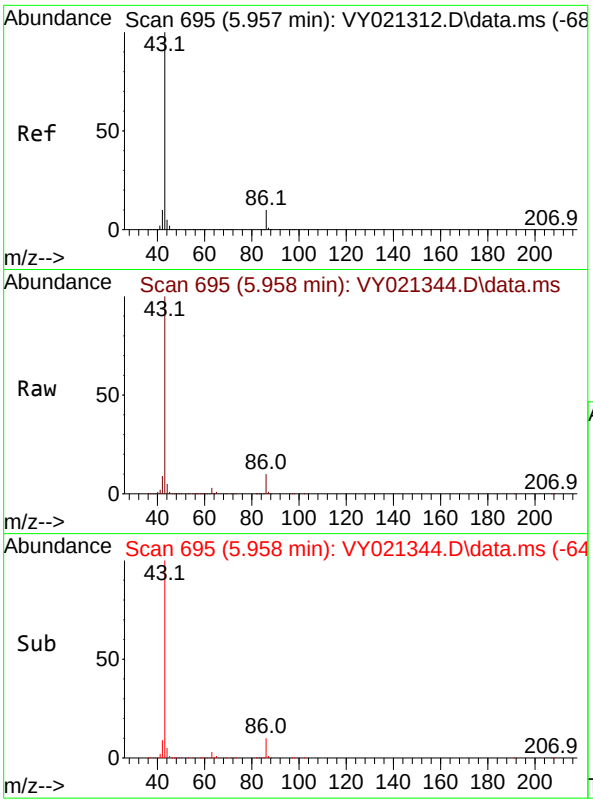


#22
Diisopropyl ether
Concen: 52.185 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 45 Resp: 402879

Ion	Ratio	Lower	Upper
45	100		
43	58.1	48.2	72.4
87	25.7	20.3	30.5
59	10.8	8.7	13.1

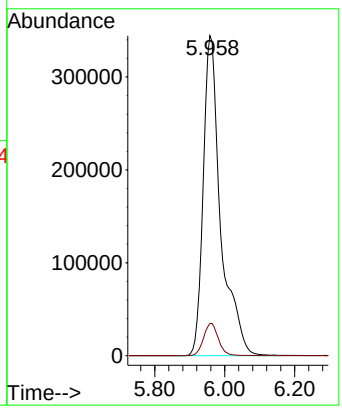




#23
Vinyl Acetate
Concen: 259.062 ug/l
RT: 5.958 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 43 Resp: 119516

Ion	Ratio	Lower	Upper
43	100		
86	10.0	8.0	12.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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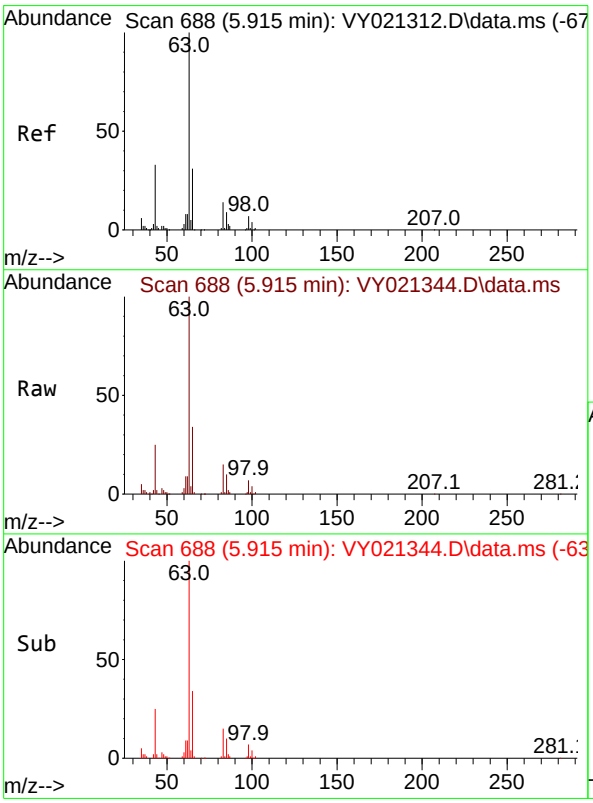
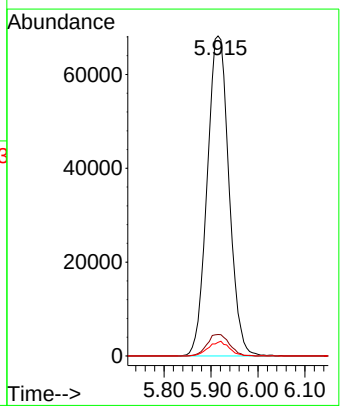
Supervised By :Mahesh Dadoda 02/27/2025

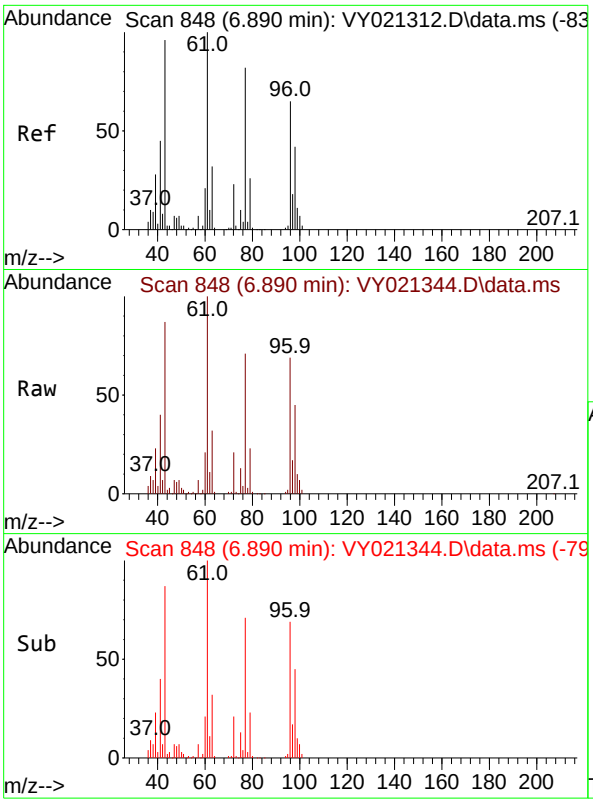


#24
1,1-Dichloroethane
Concen: 50.498 ug/l
RT: 5.915 min Scan# 688
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 63 Resp: 219734

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.7	11.1
100	4.3	2.1	6.5





#25
2-Butanone
Concen: 253.286 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 43 Resp: 17396

Ion	Ratio	Lower	Upper
43	100		
72	24.4	19.0	28.6

Instrument :
MSVOA_Y
ClientSampleId :
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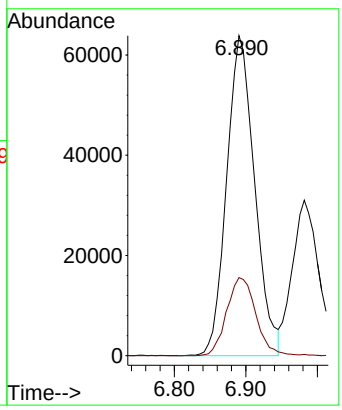
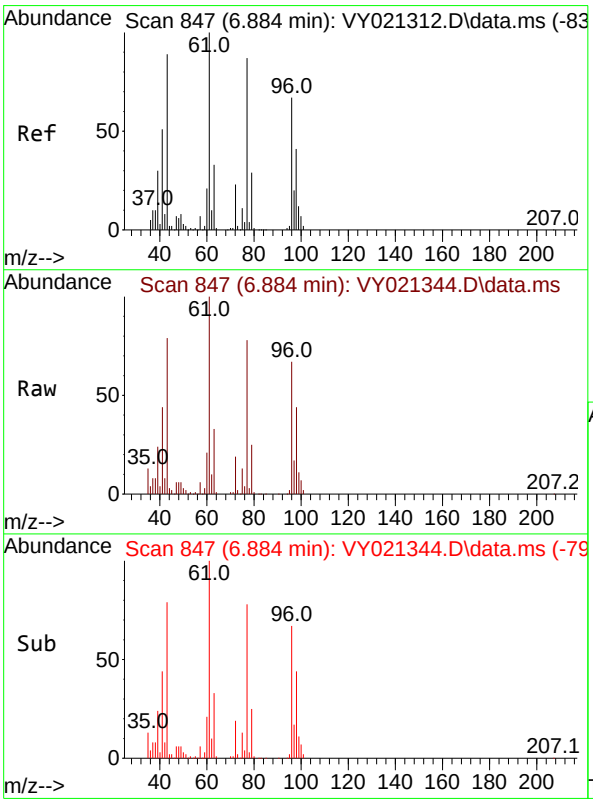
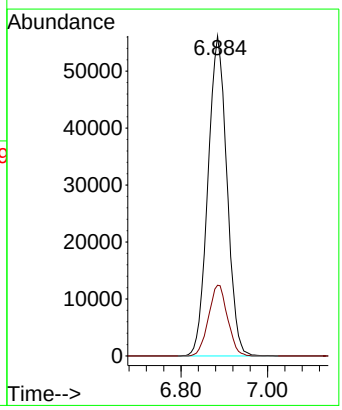


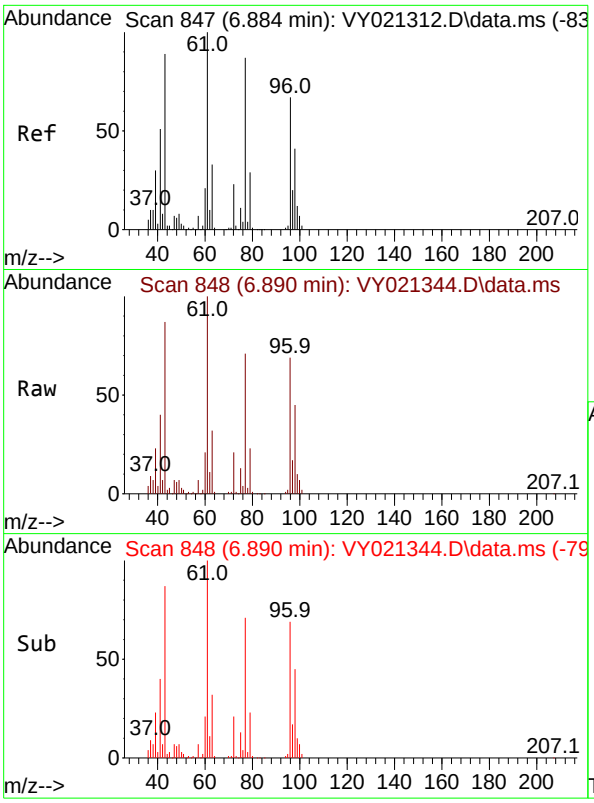


#26
2,2-Dichloropropane
Concen: 43.292 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 77 Resp: 170930

Ion	Ratio	Lower	Upper
77	100		
97	22.2	10.9	32.7

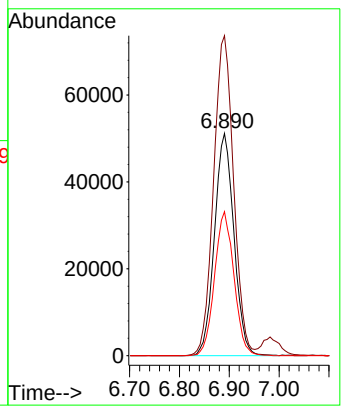




#27
cis-1,2-Dichloroethene
Concen: 52.447 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 96 Resp: 13873

Ion	Ratio	Lower	Upper
96	100		
61	147.9	0.0	308.0
98	64.7	0.0	129.6



Instrument :
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ClientSampleId :
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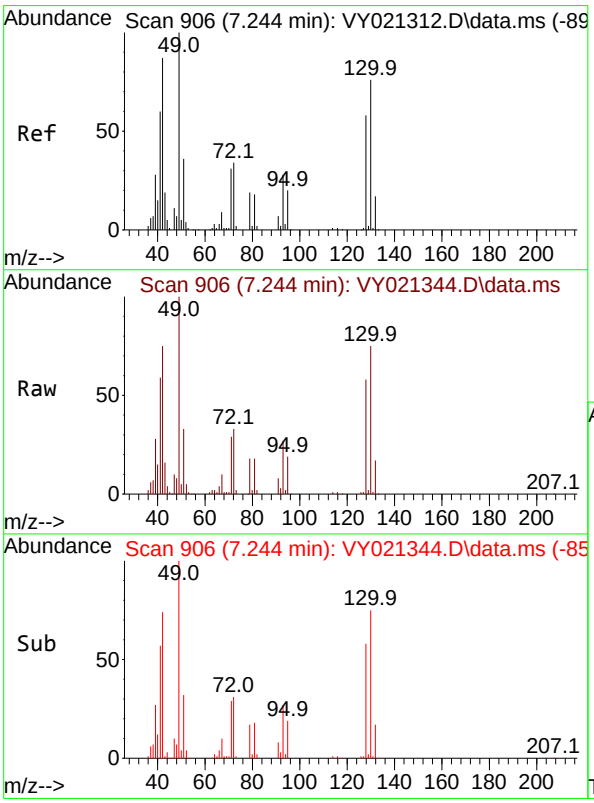
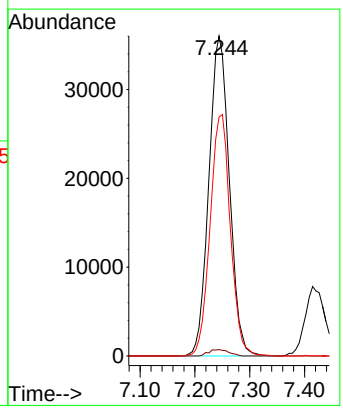
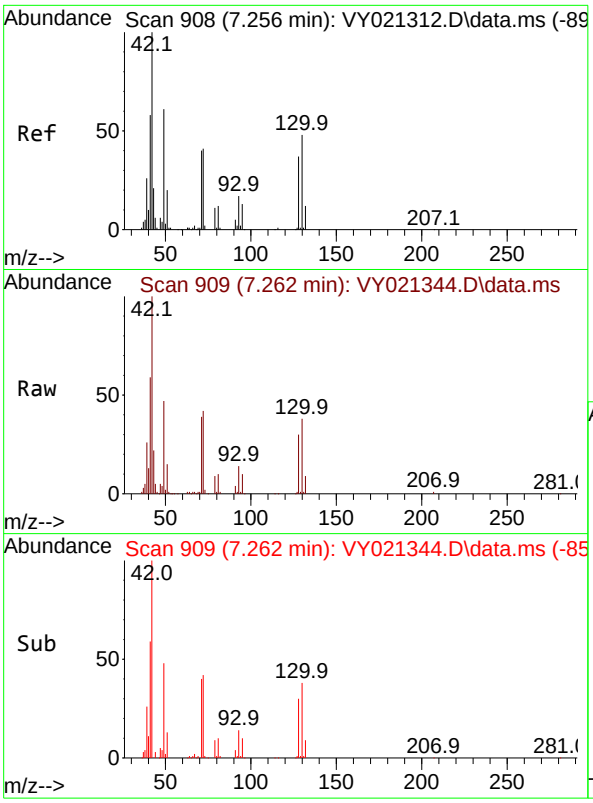


#28
Bromochloromethane
Concen: 48.465 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 49 Resp: 93313

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	74.6	57.8	86.6

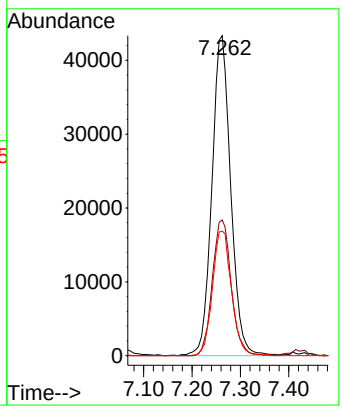




#29
Tetrahydrofuran
Concen: 261.209 ug/l
RT: 7.262 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 42 Resp: 11726

Ion	Ratio	Lower	Upper
42	100		
72	42.4	33.1	49.7
71	39.3	31.4	47.0



Instrument :
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ClientSampleId :
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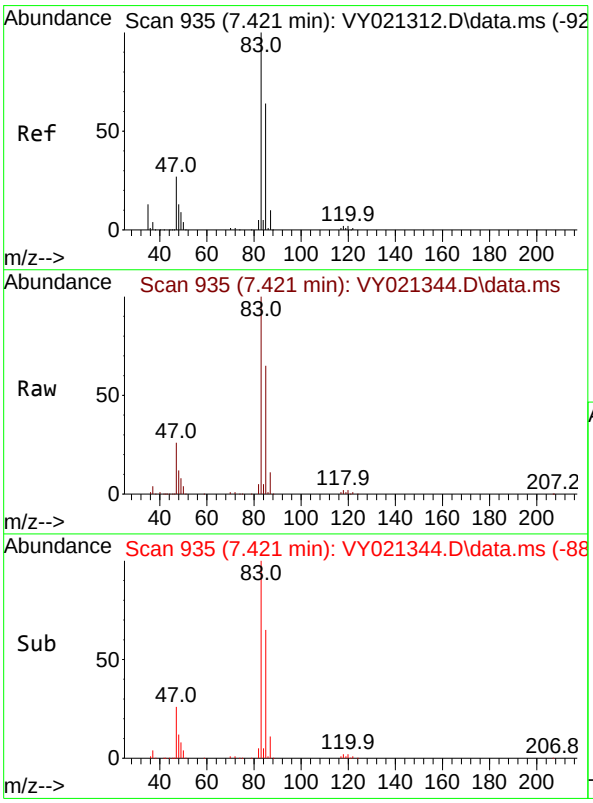
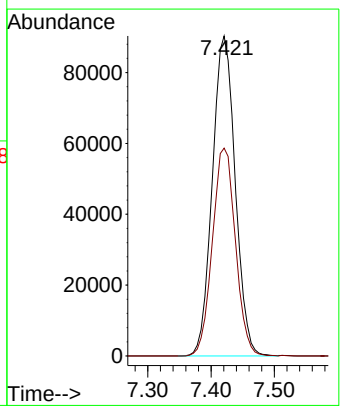
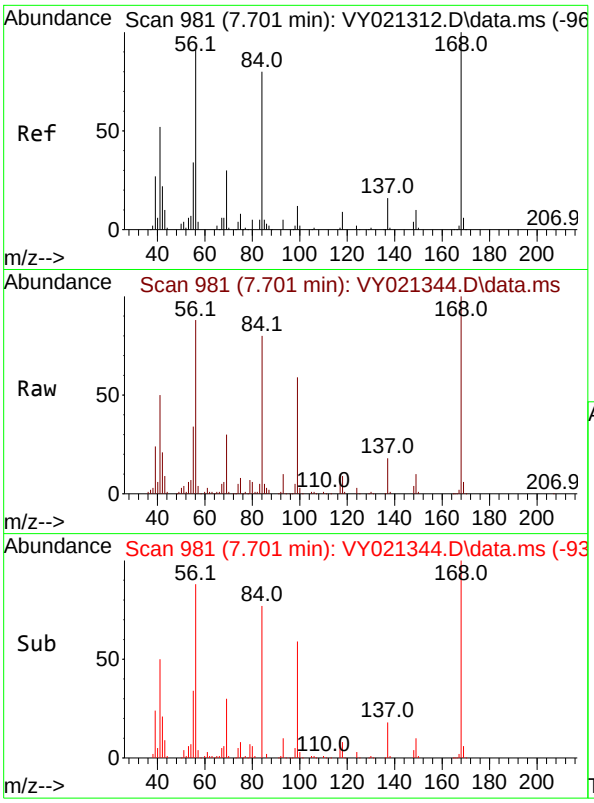


#30
Chloroform
Concen: 51.443 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 83 Resp: 226821

Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.6	77.4

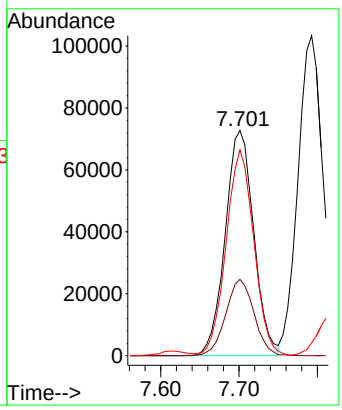




#31
Cyclohexane
Concen: 44.101 ug/l
RT: 7.701 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 56 Resp: 18446

Ion	Ratio	Lower	Upper
56	100		
69	33.9	26.2	39.4
84	89.5	70.2	105.4



Instrument :
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ClientSampleId :
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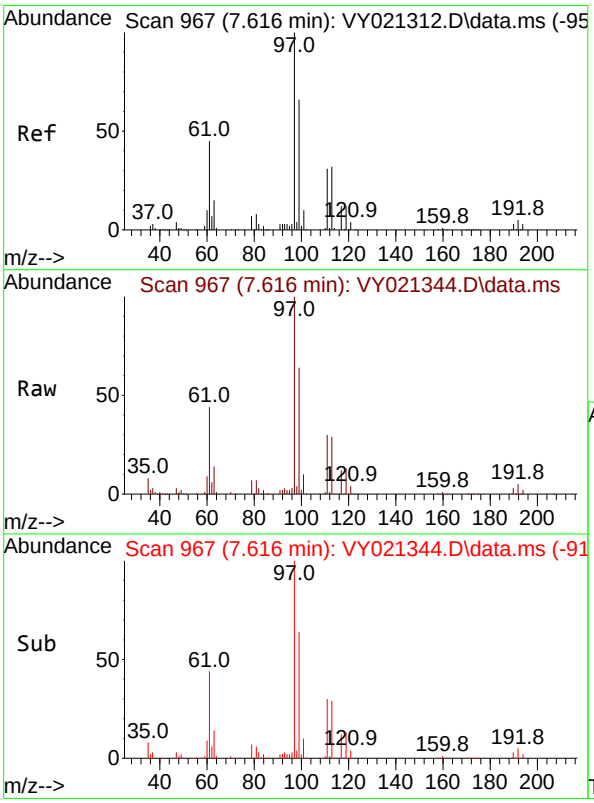
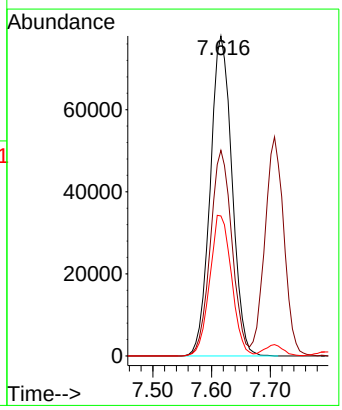
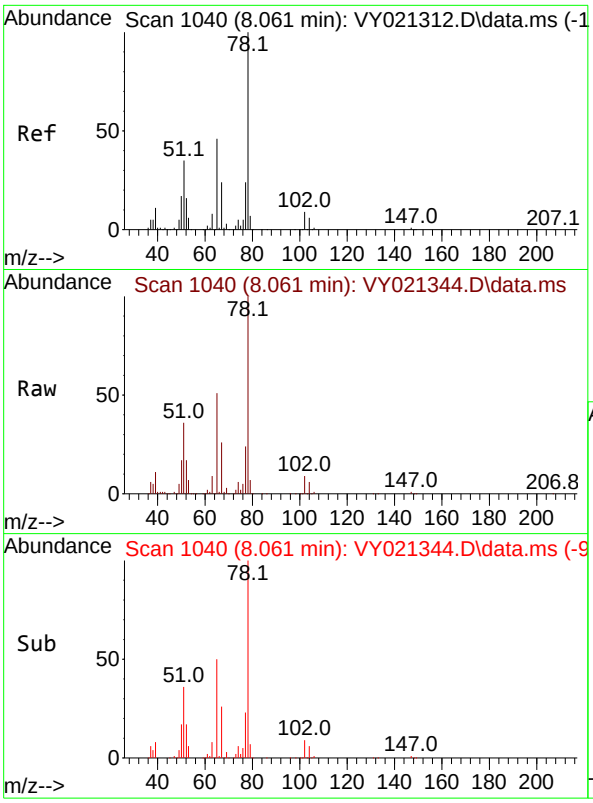


#32
1,1,1-Trichloroethane
Concen: 49.940 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 97 Resp: 200425

Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.4	78.6
61	44.2	36.2	54.2

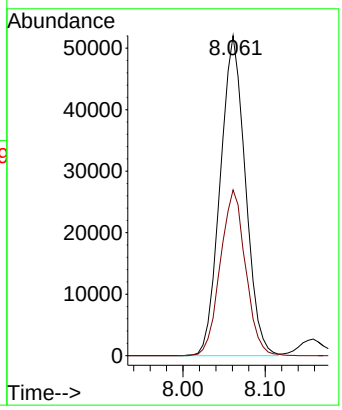




#33
1,2-Dichloroethane-d4
Concen: 46.619 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 65 Resp: 11060

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	103.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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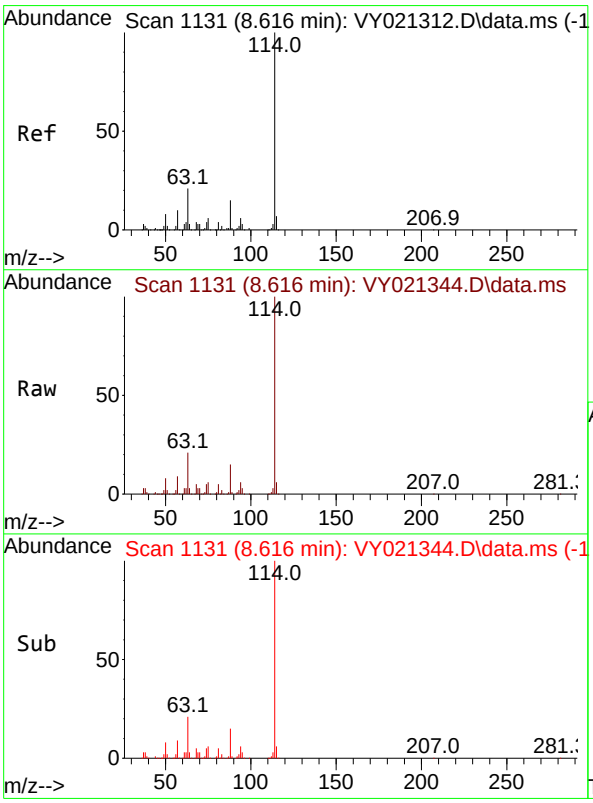
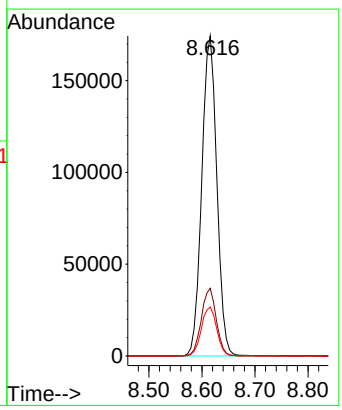
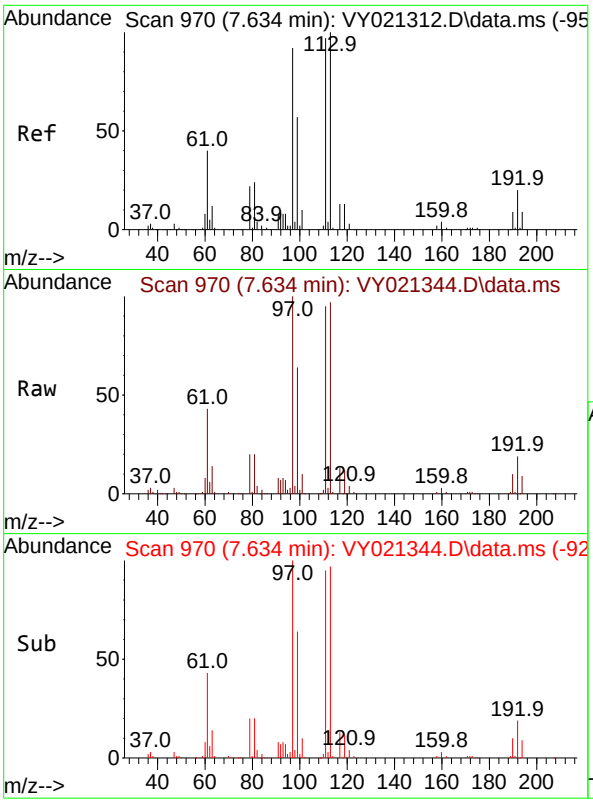


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:114 Resp: 343428

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	42.2
88	15.3	0.0	29.8

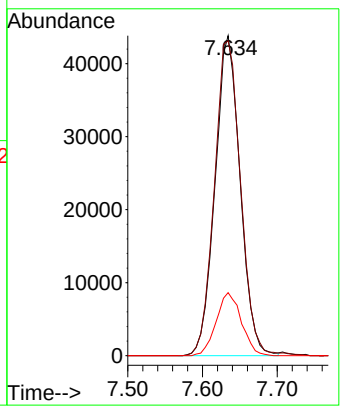




#35
Dibromofluoromethane
Concen: 45.429 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:113 Resp: 10228

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.0	121.6
192	19.8	15.8	23.8



Instrument :
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ClientSampleId :
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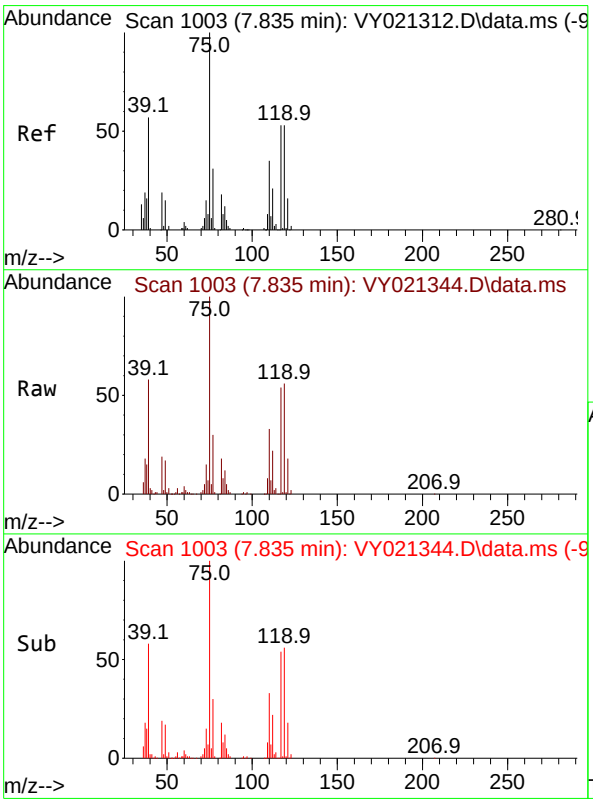
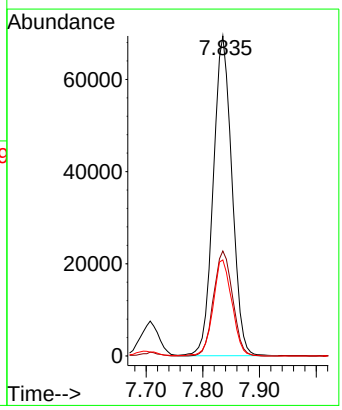
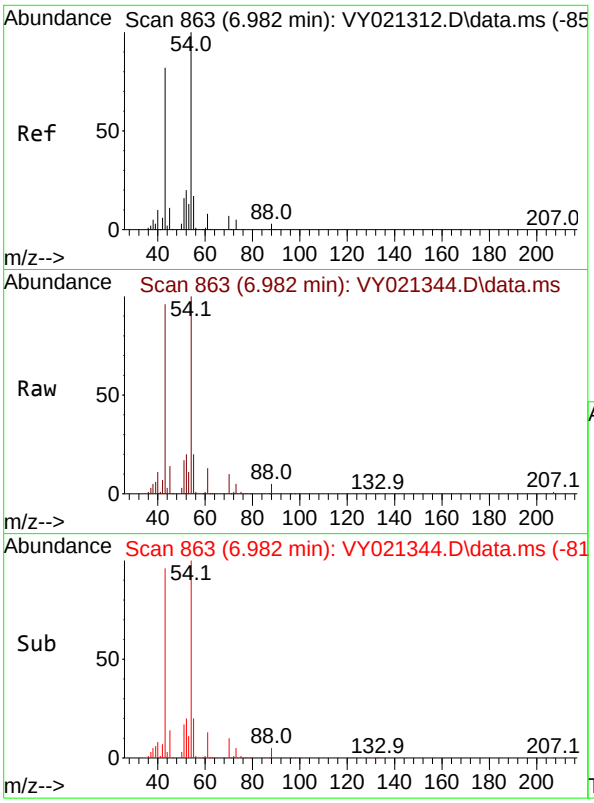


#36
1,1-Dichloropropene
Concen: 46.928 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 75 Resp: 158713

Ion	Ratio	Lower	Upper
75	100		
110	33.5	16.9	50.7
77	30.3	24.6	36.8

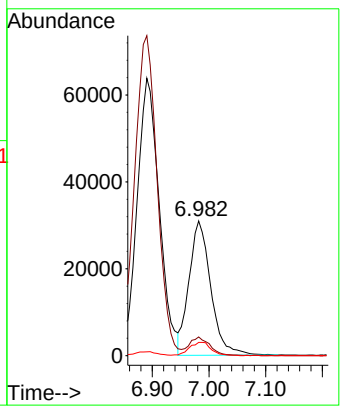




#37
Ethyl Acetate
Concen: 48.999 ug/l
RT: 6.982 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 43 Resp: 8243

Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.4	15.6
70	10.0	7.5	11.3



Instrument :
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ClientSampleId :
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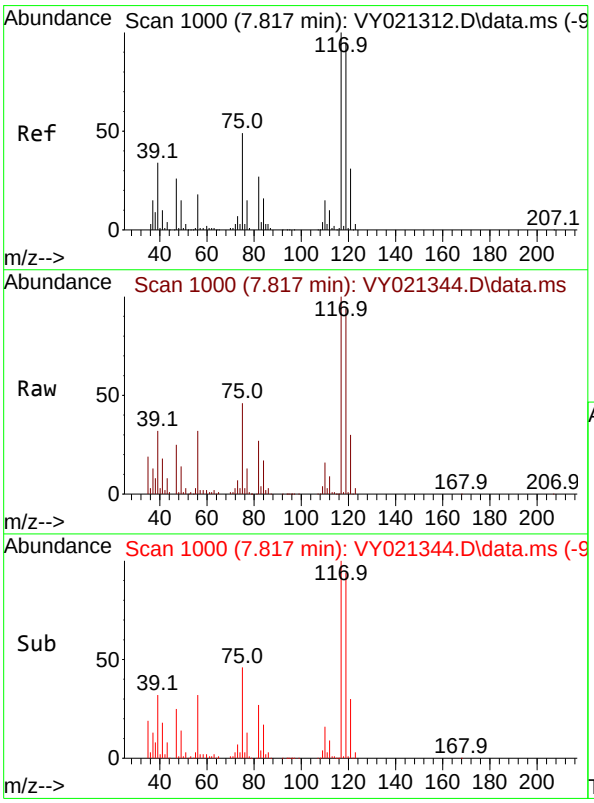
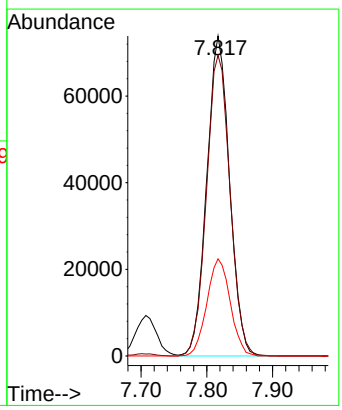
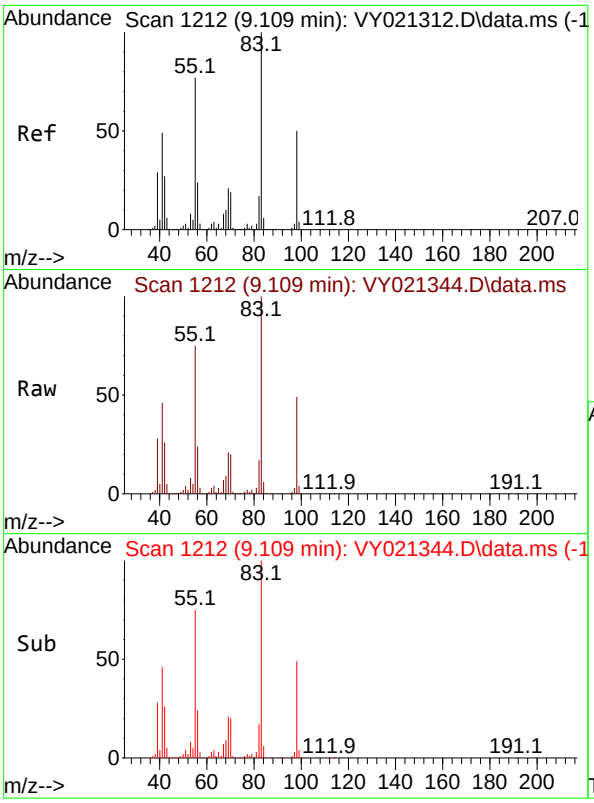


#38
Carbon Tetrachloride
Concen: 46.933 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:117 Resp: 178448

Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.0	114.0
121	30.4	24.9	37.3





#39
Methylcyclohexane
Concen: 44.707 ug/l
RT: 9.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 83 Resp: 19124

Ion	Ratio	Lower	Upper
83	100		
55	75.2	61.3	91.9
98	49.0	39.9	59.9

Instrument :
MSVOA_Y
ClientSampleId :
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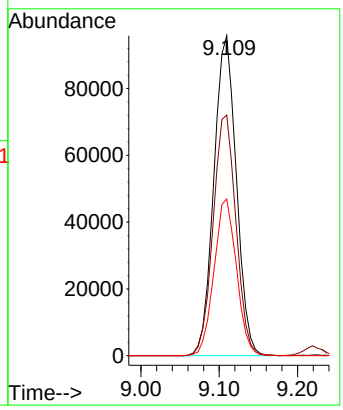
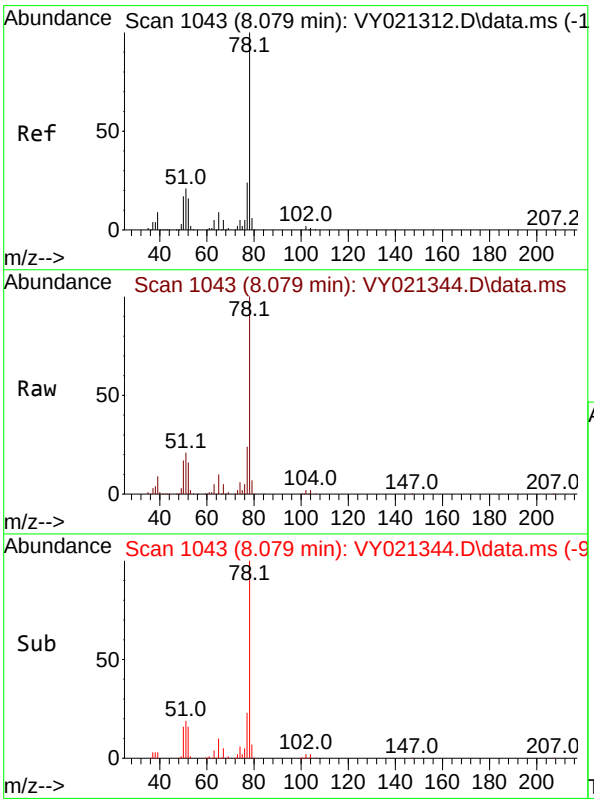
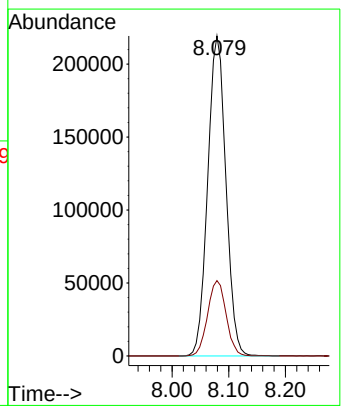


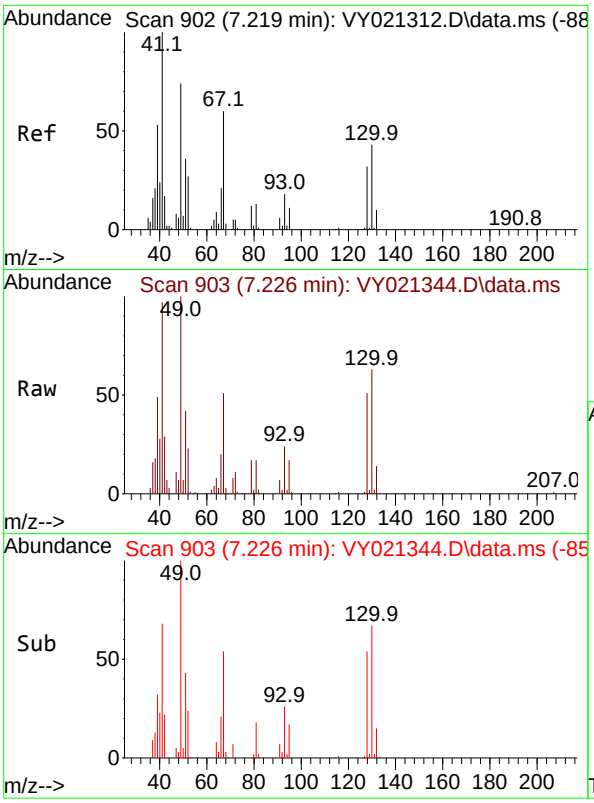


#40
Benzene
Concen: 48.823 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 78 Resp: 488113

Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.2	28.8

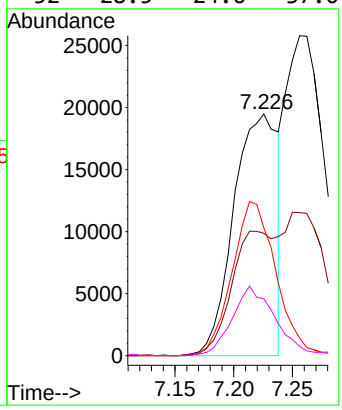




#41
Methacrylonitrile
Concen: 54.039 ug/l
RT: 7.226 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 41 Resp: 5083

Ion	Ratio	Lower	Upper
41	100		
39	46.4	42.3	63.5
67	63.7	54.8	82.2
52	28.5	24.6	37.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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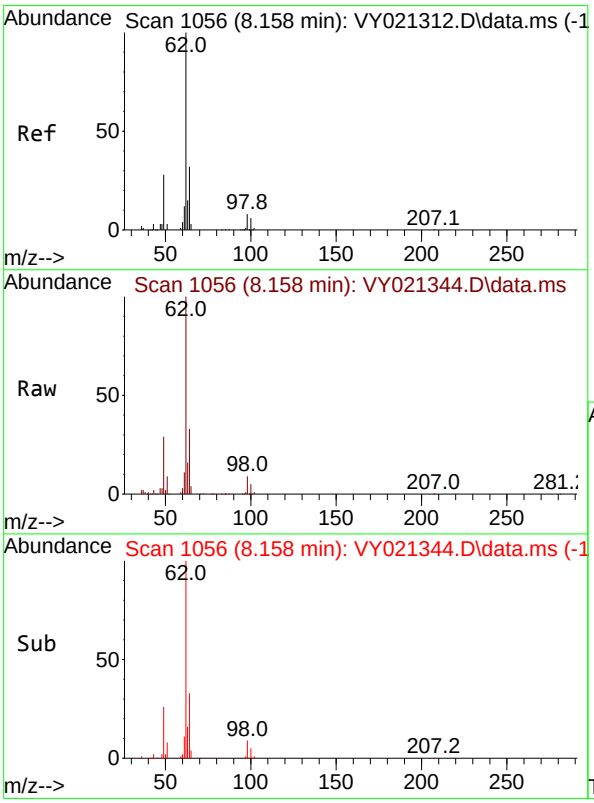
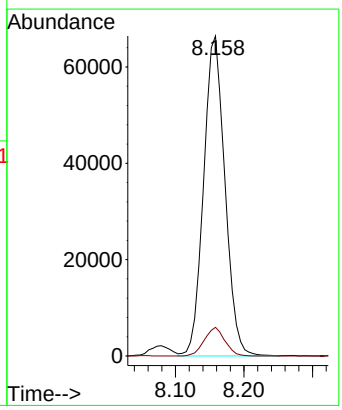
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

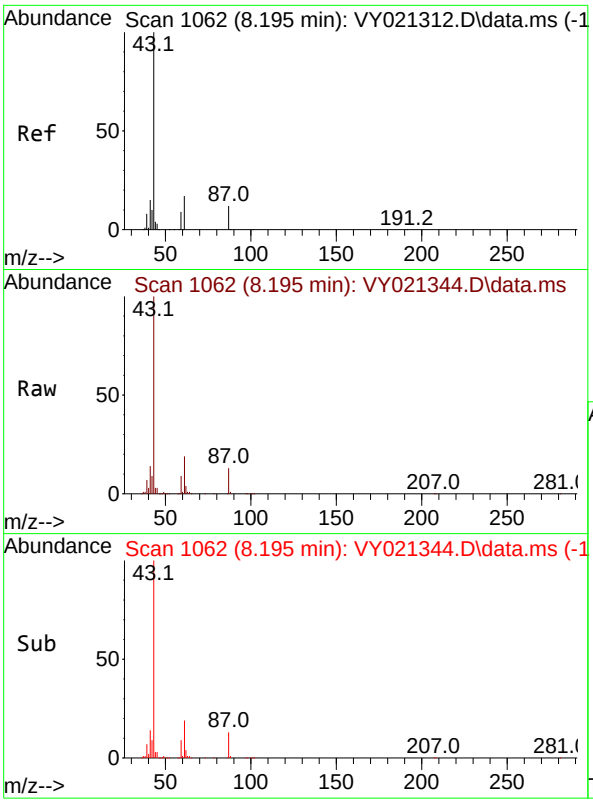


#42
1,2-Dichloroethane
Concen: 50.672 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 62 Resp: 143731

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.6

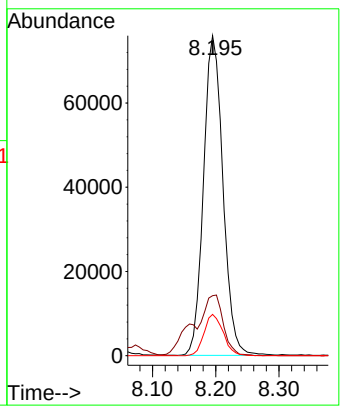




#43
Isopropyl Acetate
Concen: 49.861 ug/l
RT: 8.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 43 Resp: 16236

Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.0	22.6
87	12.7	10.0	15.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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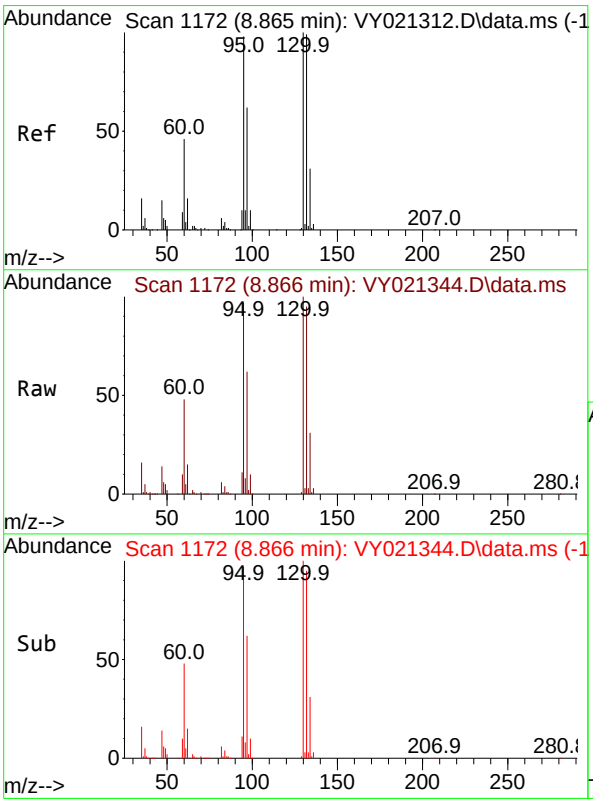
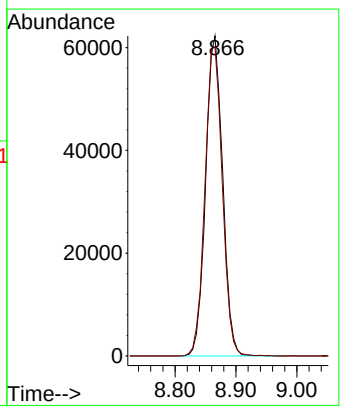
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

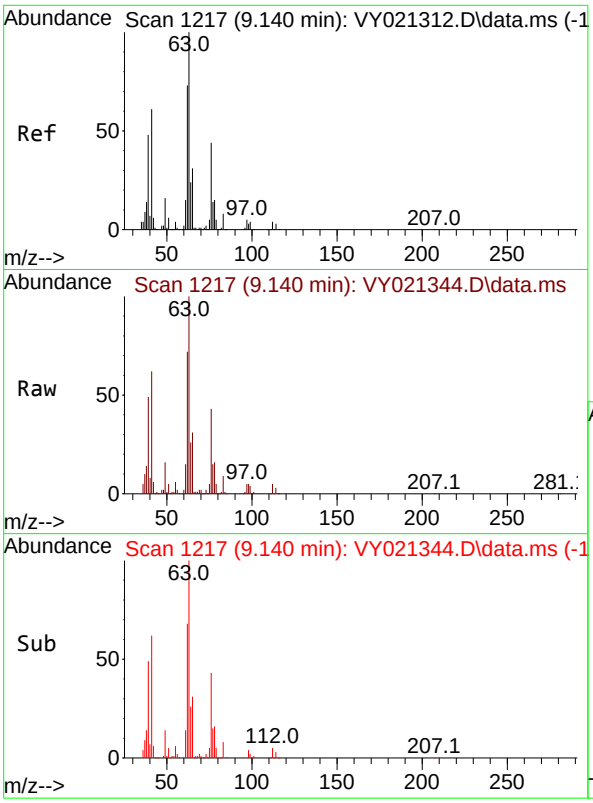


#44
Trichloroethene
Concen: 48.271 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:130 Resp: 120825

Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	196.0

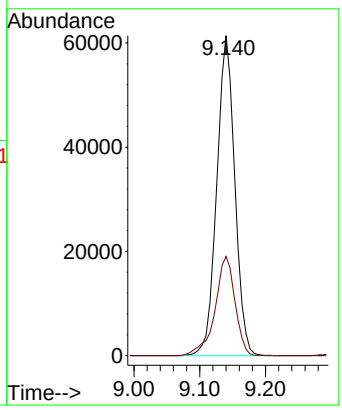




#45
1,2-Dichloropropane
Concen: 48.736 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 63 Resp: 11725

Ion	Ratio	Lower	Upper
63	100		
65	31.0	24.6	36.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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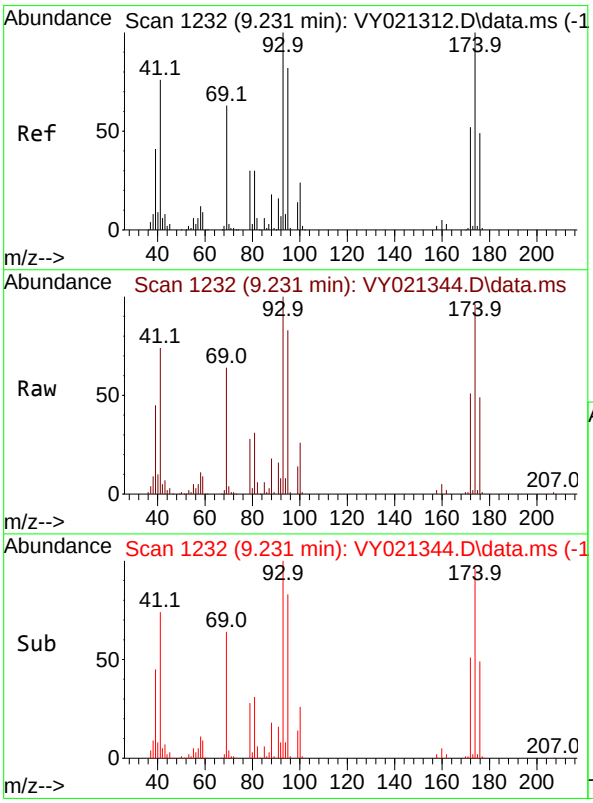
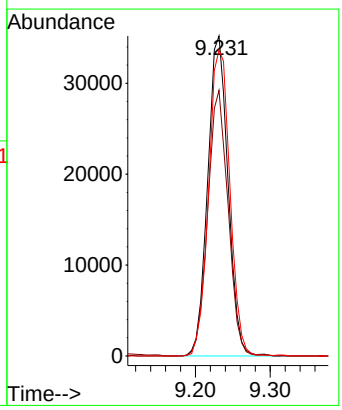
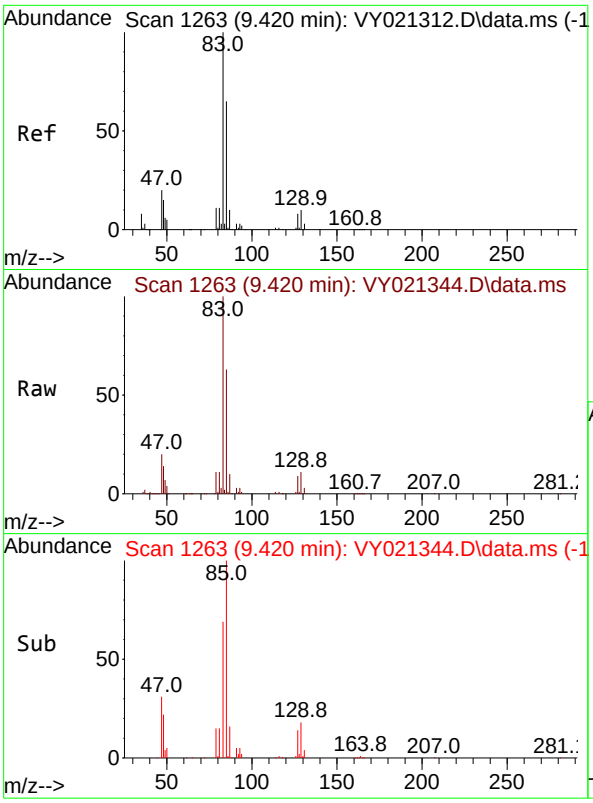


#46
Dibromomethane
Concen: 50.499 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 93 Resp: 66414

Ion	Ratio	Lower	Upper
93	100		
95	83.0	66.4	99.6
174	100.3	78.2	117.2

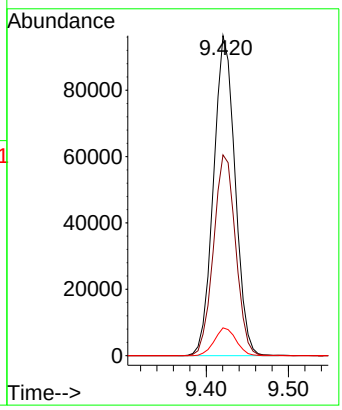




#47
Bromodichloromethane
Concen: 50.086 ug/l
RT: 9.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 83 Resp: 17563

Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.8	77.8
127	8.7	6.7	10.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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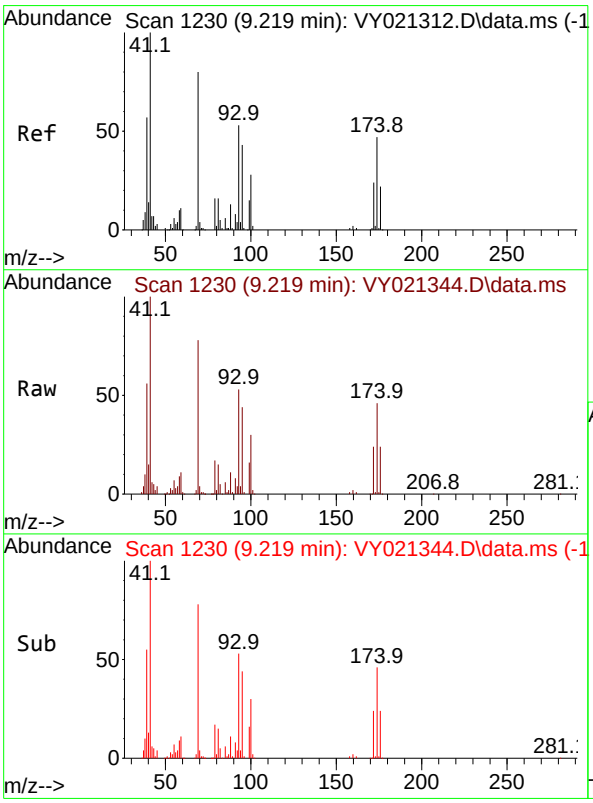
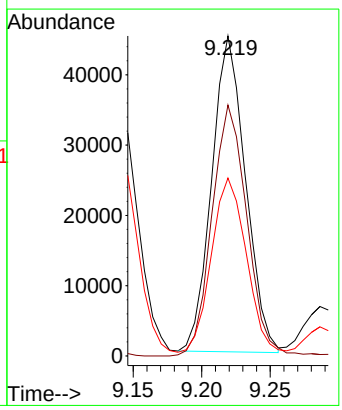
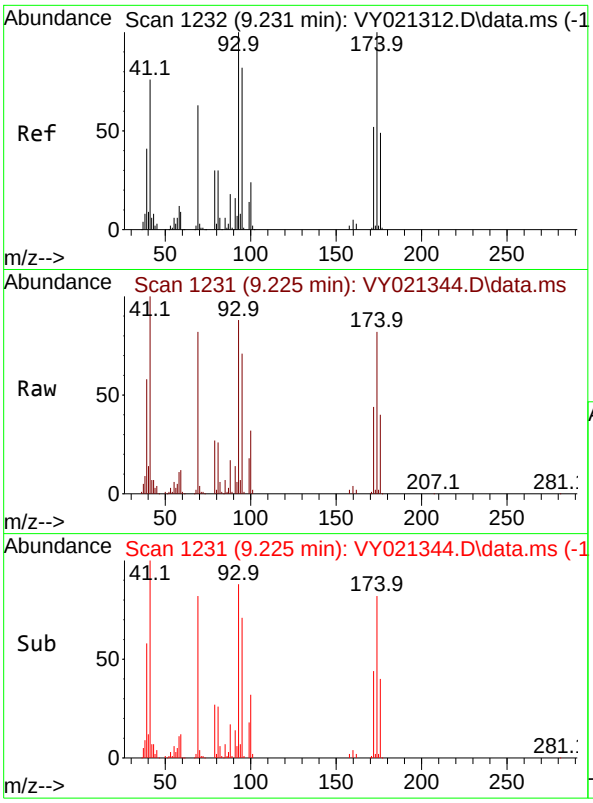


#48
Methyl methacrylate
Concen: 50.619 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 41 Resp: 77080

Ion	Ratio	Lower	Upper
41	100		
69	82.7	63.3	94.9
39	57.1	45.0	67.6

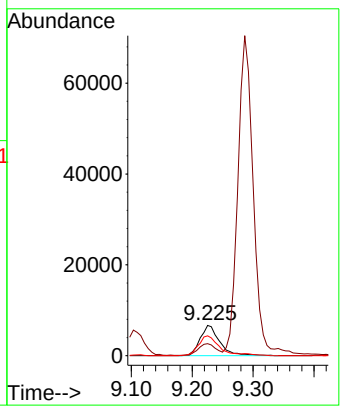




#49
1,4-Dioxane
Concen: 1015.844 ug/l
RT: 9.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 88 Resp: 1485

Ion	Ratio	Lower	Upper
88	100		
43	34.7	34.8	52.2
58	72.1	59.8	89.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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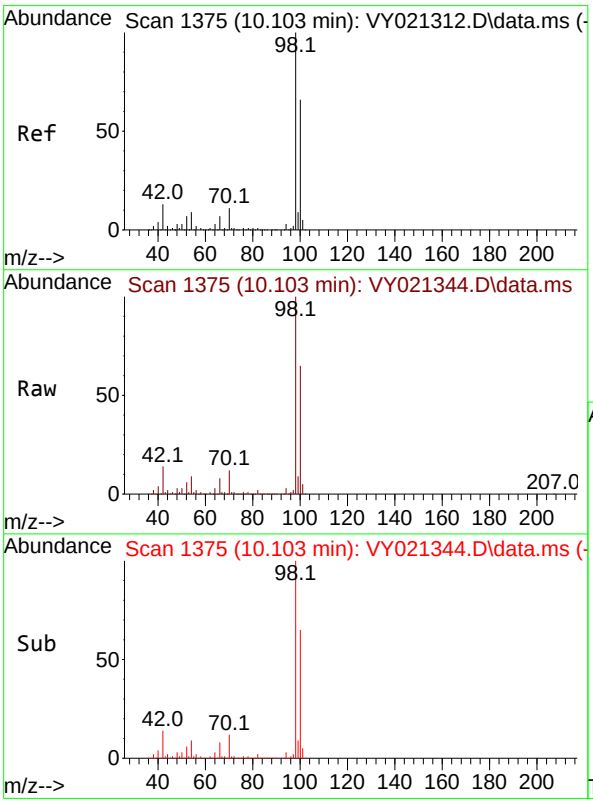
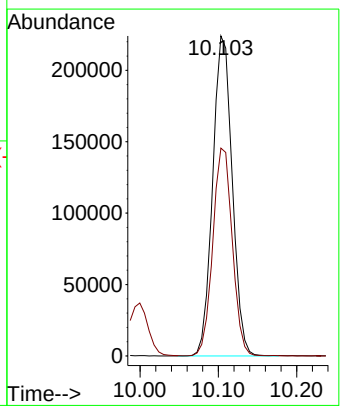
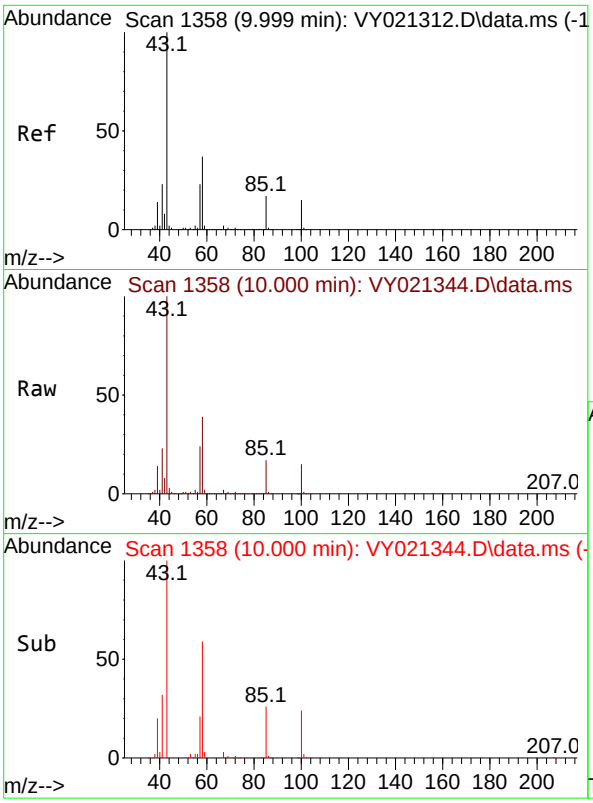


#50
Toluene-d8
Concen: 44.650 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 98 Resp: 388525

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.4	78.6

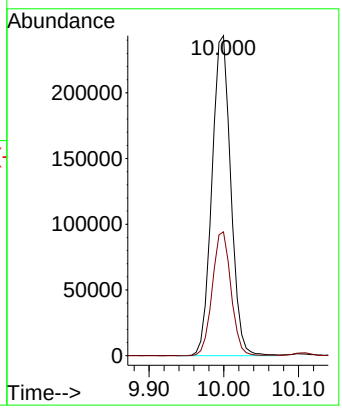




#51
4-Methyl-2-Pentanone
Concen: 254.988 ug/l
RT: 10.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 43 Resp: 42503

Ion	Ratio	Lower	Upper
43	100		
58	38.5	30.1	45.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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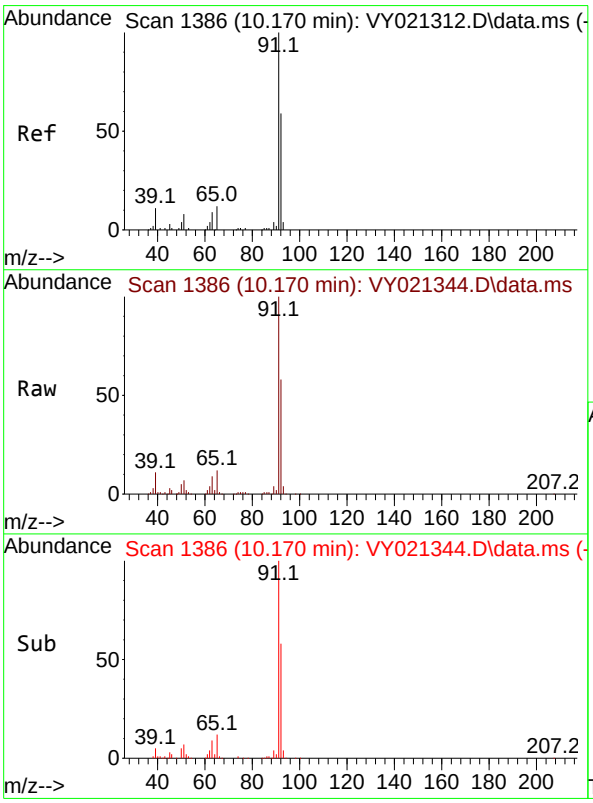
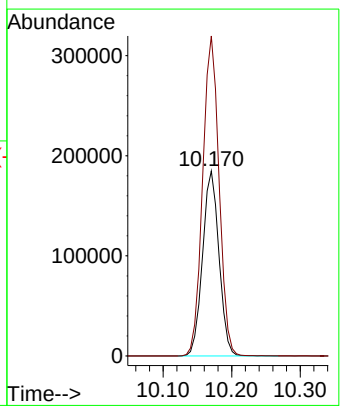
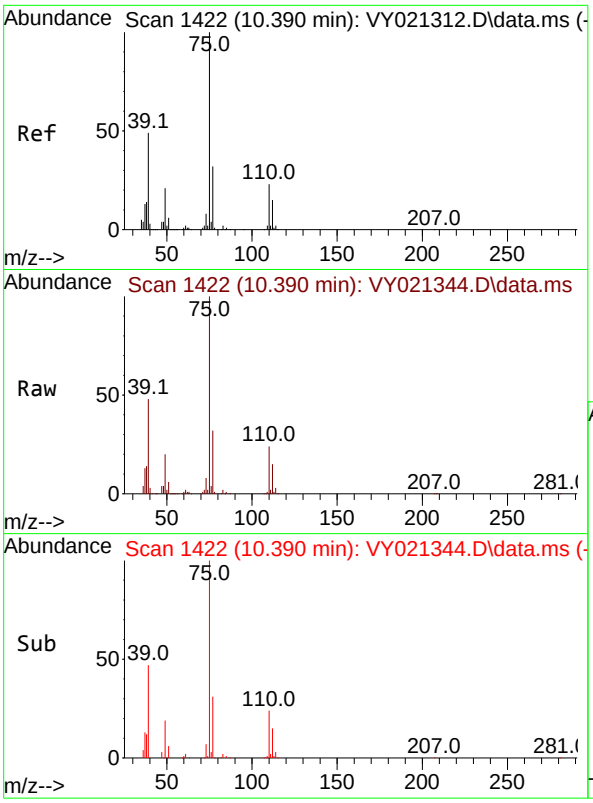


#52
Toluene
Concen: 49.585 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 92 Resp: 307967

Ion	Ratio	Lower	Upper
92	100		
91	173.1	137.8	206.8

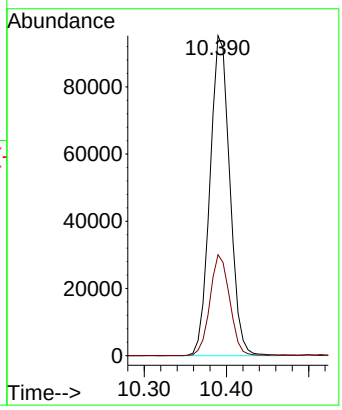




#53
t-1,3-Dichloropropene
Concen: 49.701 ug/l
RT: 10.390 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 75 Resp: 15967

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.3	37.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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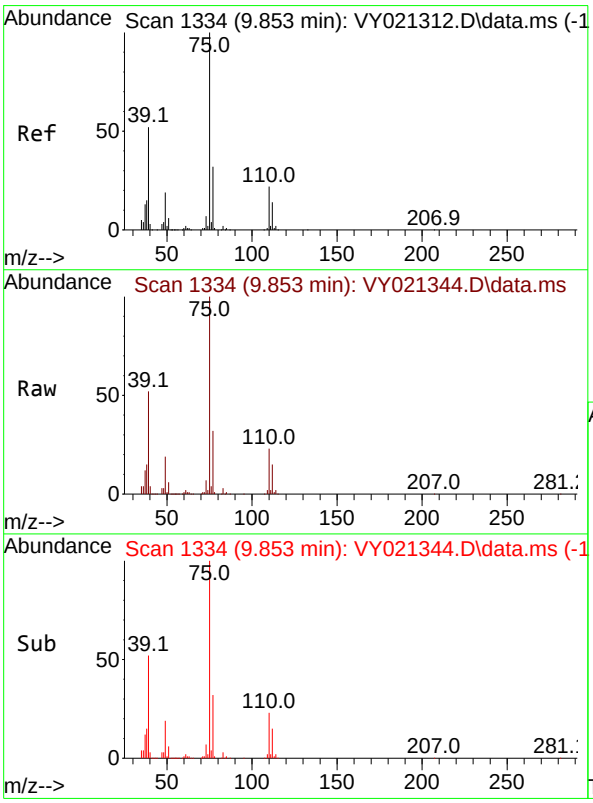
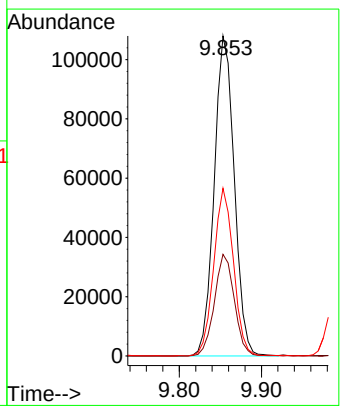
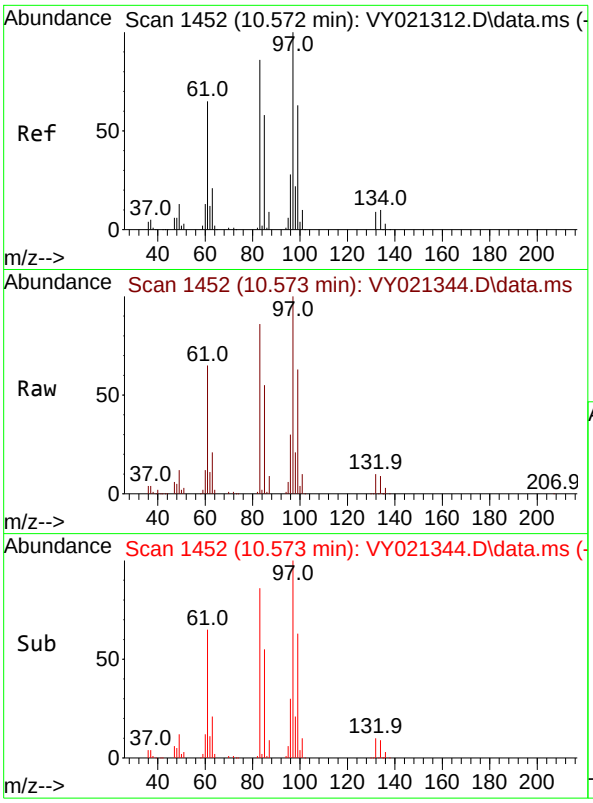


#54
cis-1,3-Dichloropropene
Concen: 48.340 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 75 Resp: 183344

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.7	38.5
39	52.3	41.8	62.6

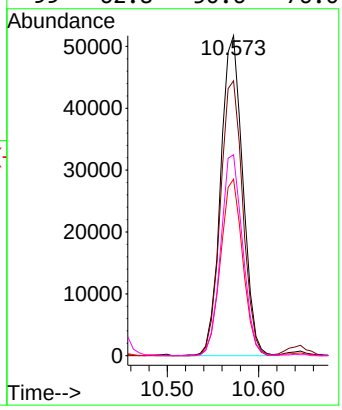




#55
1,1,2-Trichloroethane
Concen: 50.858 ug/l
RT: 10.573 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 97 Resp: 8713

Ion	Ratio	Lower	Upper
97	100		
83	85.9	68.7	103.1
85	55.1	46.3	69.5
99	62.8	50.6	76.0



Instrument :
MSVOA_Y
ClientSampleId :
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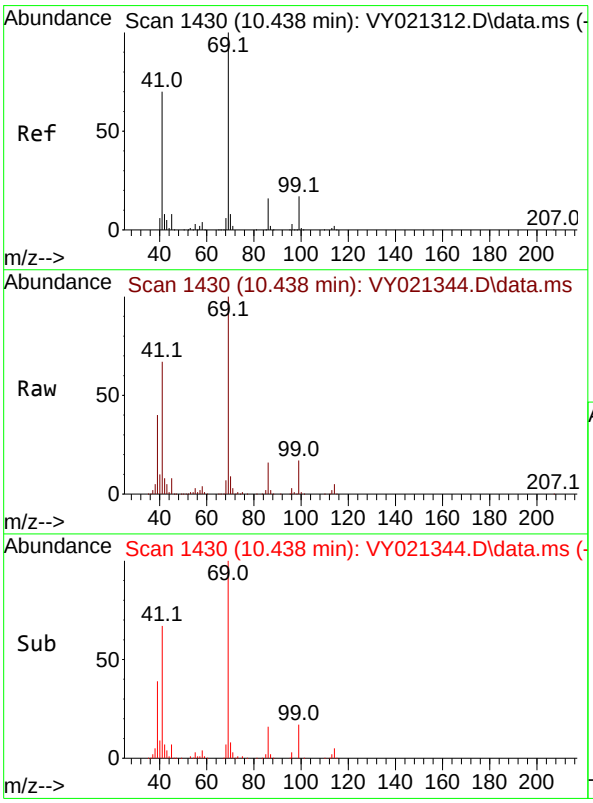
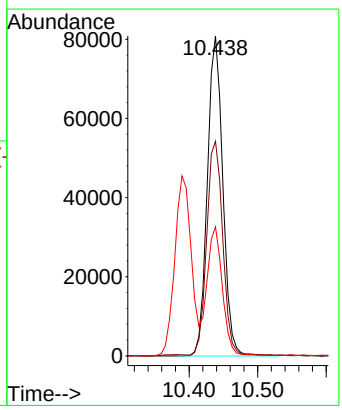
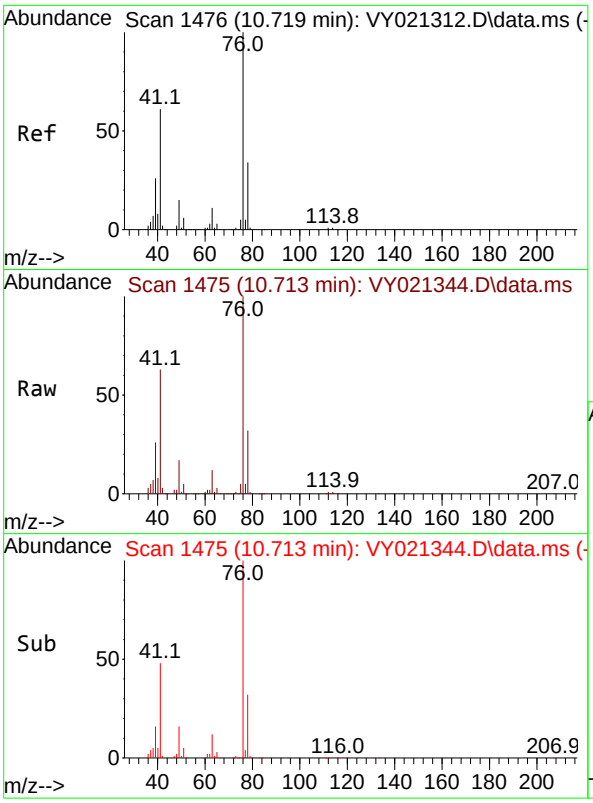


#56
Ethyl methacrylate
Concen: 53.738 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 69 Resp: 127215

Ion	Ratio	Lower	Upper
69	100		
41	68.8	56.2	84.4
39	40.0	32.7	49.1

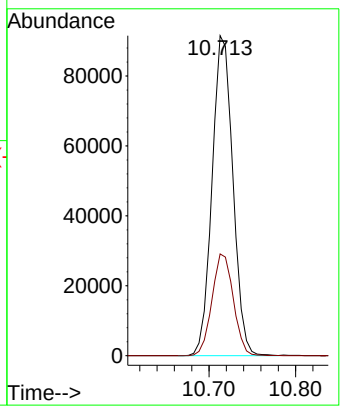




#57
1,3-Dichloropropane
Concen: 50.818 ug/l
RT: 10.713 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 76 Resp: 15278

Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.9	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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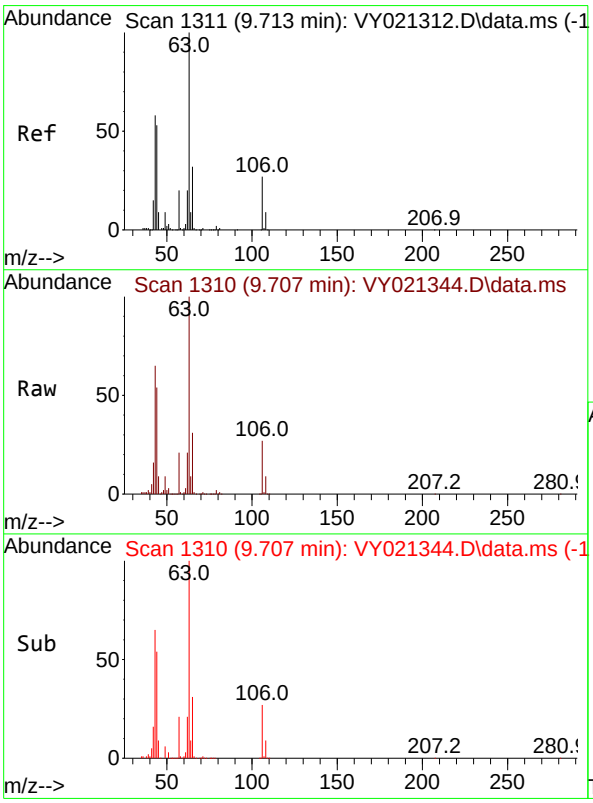
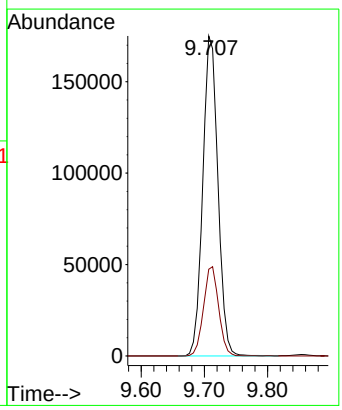
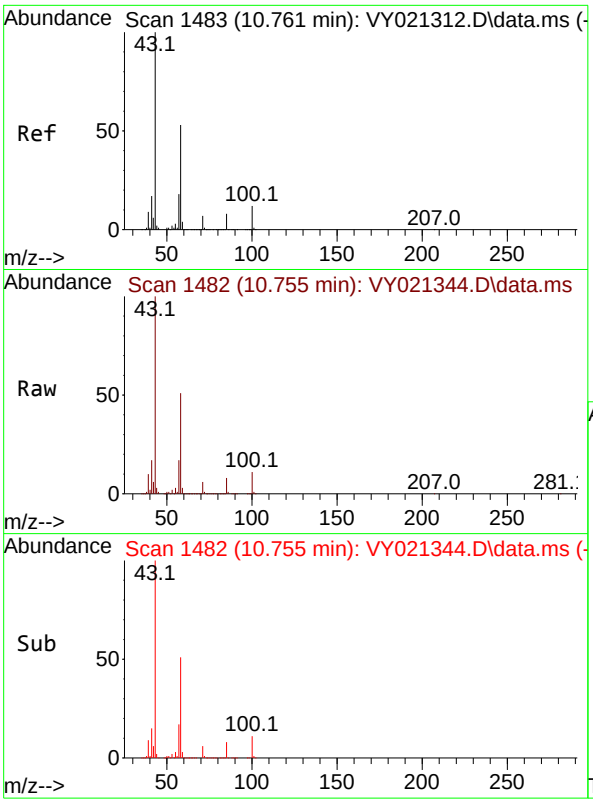


#58
2-Chloroethyl Vinyl ether
Concen: 257.068 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 63 Resp: 292101

Ion	Ratio	Lower	Upper
63	100		
106	27.9	21.7	32.5





#59
2-Hexanone
Concen: 260.462 ug/l
RT: 10.755 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 43 Resp: 28513

Ion	Ratio	Lower	Upper
43	100		
58	52.7	25.9	77.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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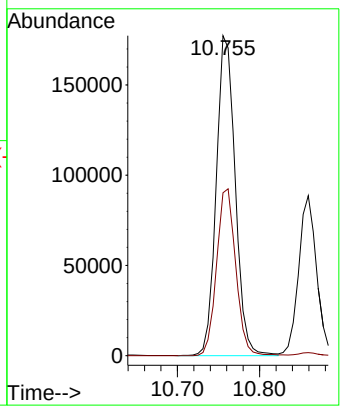
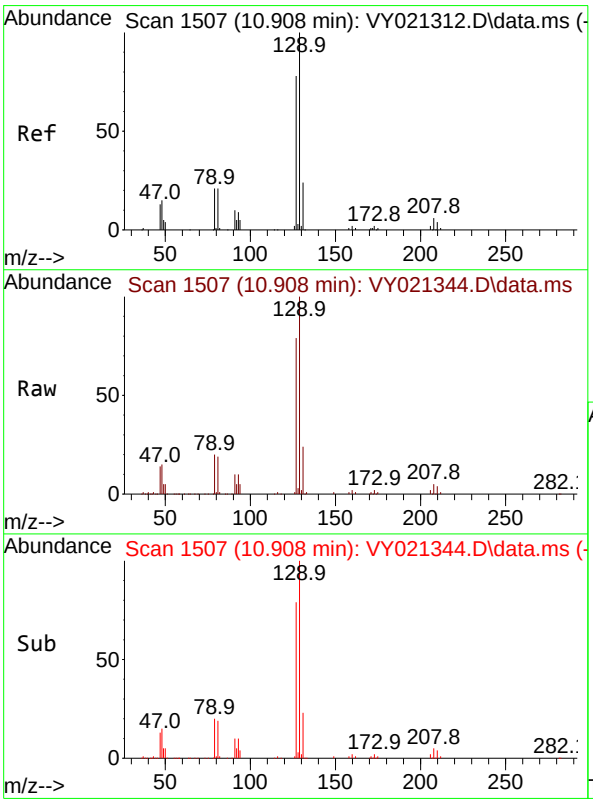
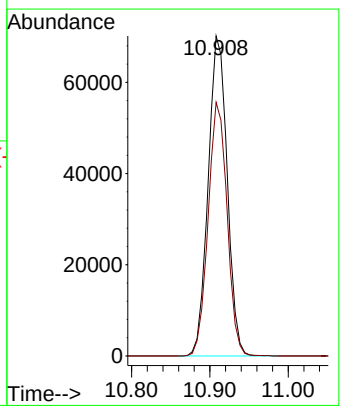


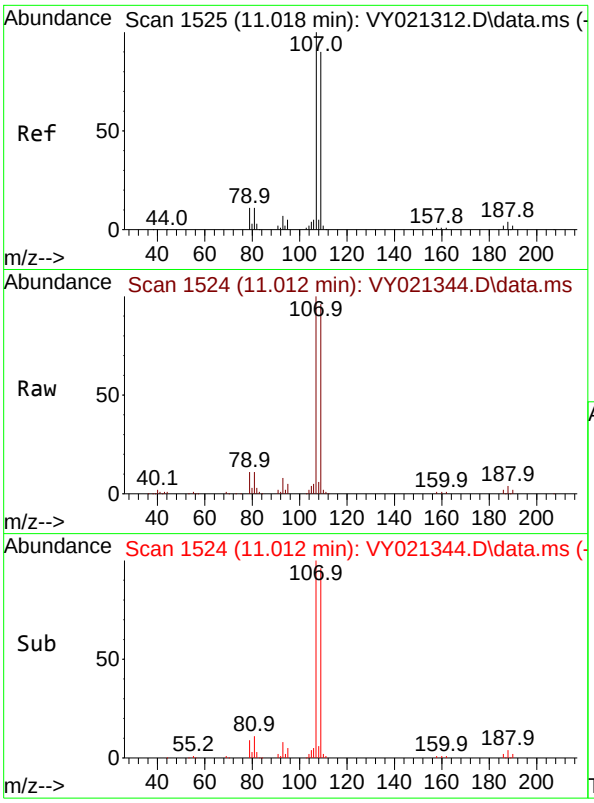


#60
Dibromochloromethane
Concen: 50.788 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:129 Resp: 118508

Ion	Ratio	Lower	Upper
129	100		
127	78.8	38.8	116.4





#61
1,2-Dibromoethane
Concen: 50.586 ug/l
RT: 11.012 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:107 Resp: 8205

Ion	Ratio	Lower	Upper
107	100		
109	94.7	73.8	110.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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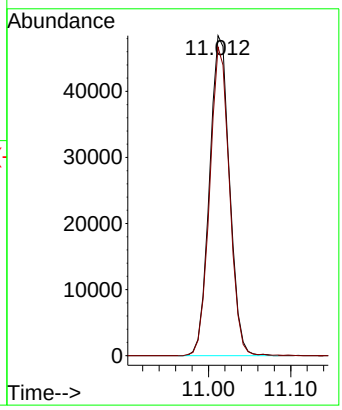
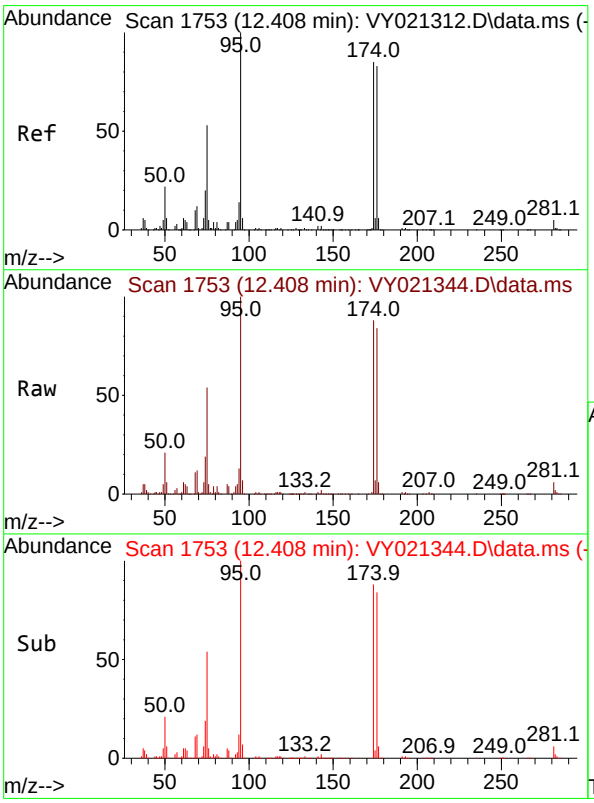
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

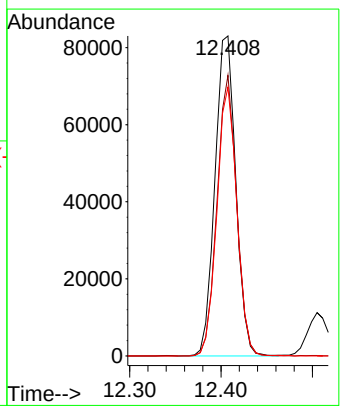


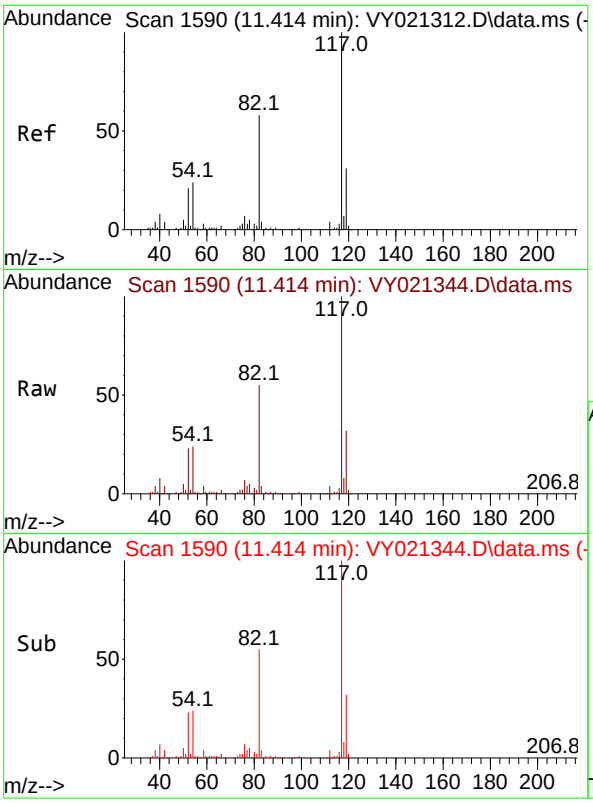


#62
4-Bromofluorobenzene
Concen: 44.933 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 95 Resp: 131584

Ion	Ratio	Lower	Upper
95	100		
174	82.7	0.0	168.0
176	80.5	0.0	162.6

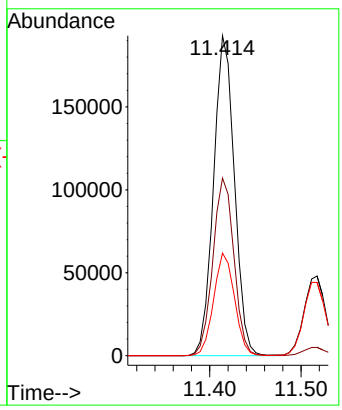




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:117 Resp: 30596

Ion	Ratio	Lower	Upper
117	100		
82	55.5	46.2	69.4
119	32.0	24.9	37.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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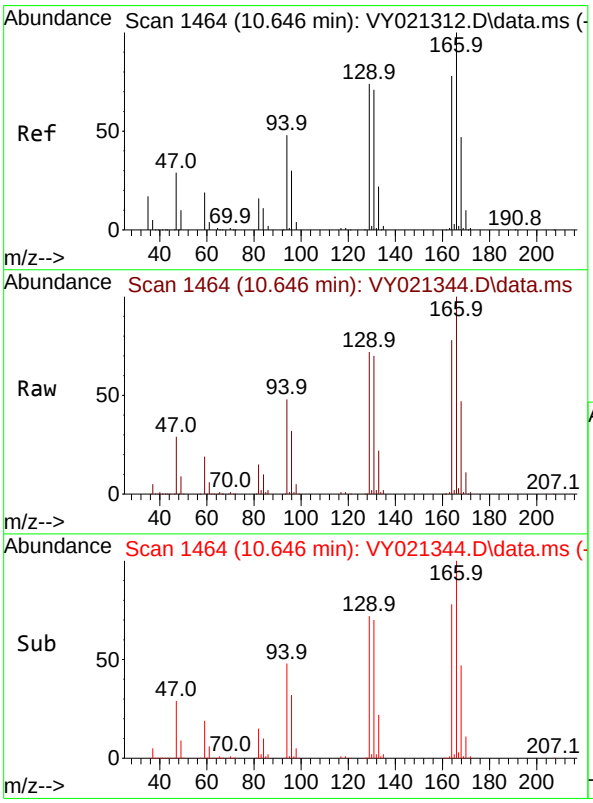
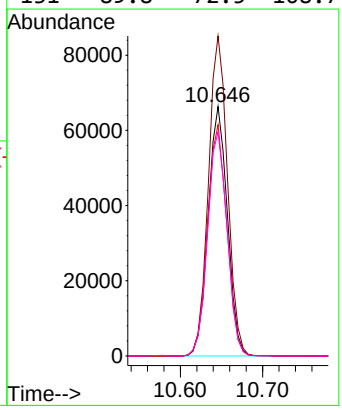
Supervised By :Mahesh Dadoda 02/27/2025

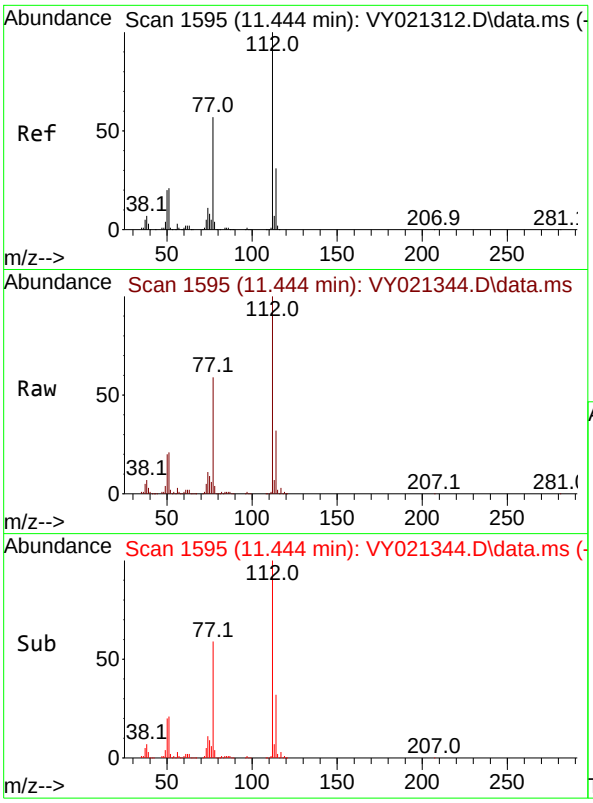


#64
Tetrachloroethene
Concen: 46.783 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:164 Resp: 108193

Ion	Ratio	Lower	Upper
164	100		
166	128.3	101.9	152.9
129	92.7	75.5	113.3
131	89.8	72.5	108.7

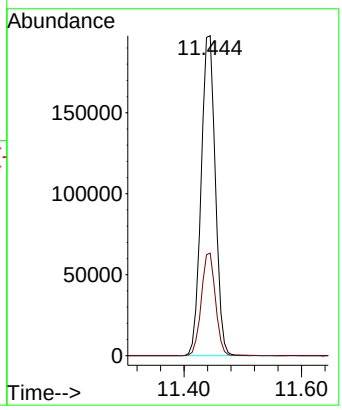




#65
Chlorobenzene
Concen: 48.330 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:112 Resp: 33193

Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.0	37.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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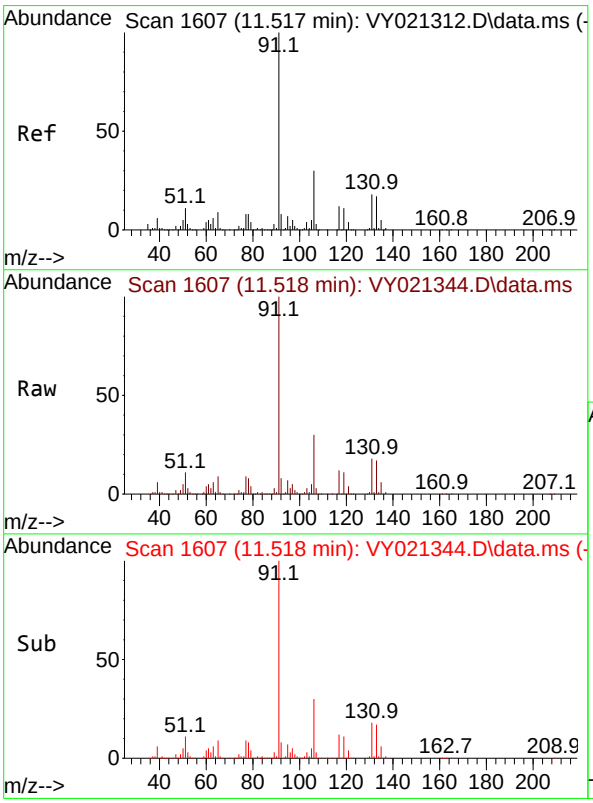
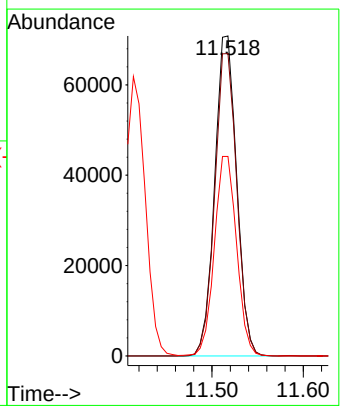
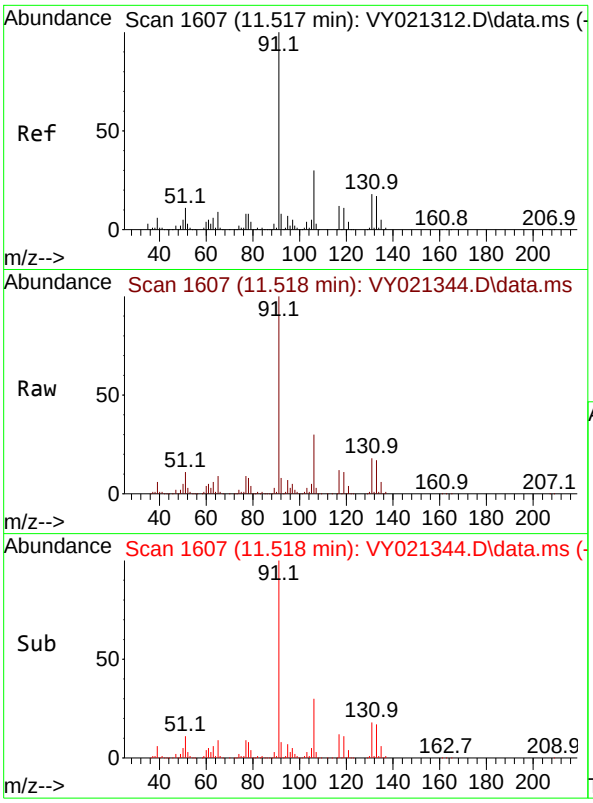


#66
1,1,1,2-Tetrachloroethane
Concen: 49.313 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:131 Resp: 118595

Ion	Ratio	Lower	Upper
131	100		
133	95.1	47.9	143.6
119	63.2	31.7	95.1

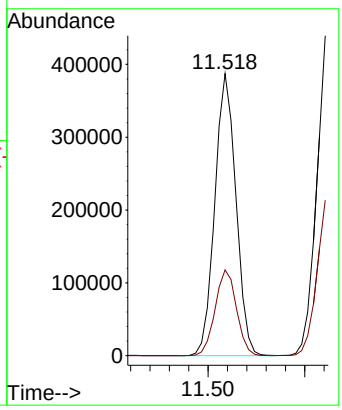




#67
Ethyl Benzene
Concen: 48.106 ug/l
RT: 11.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 91 Resp: 58523

Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.4	36.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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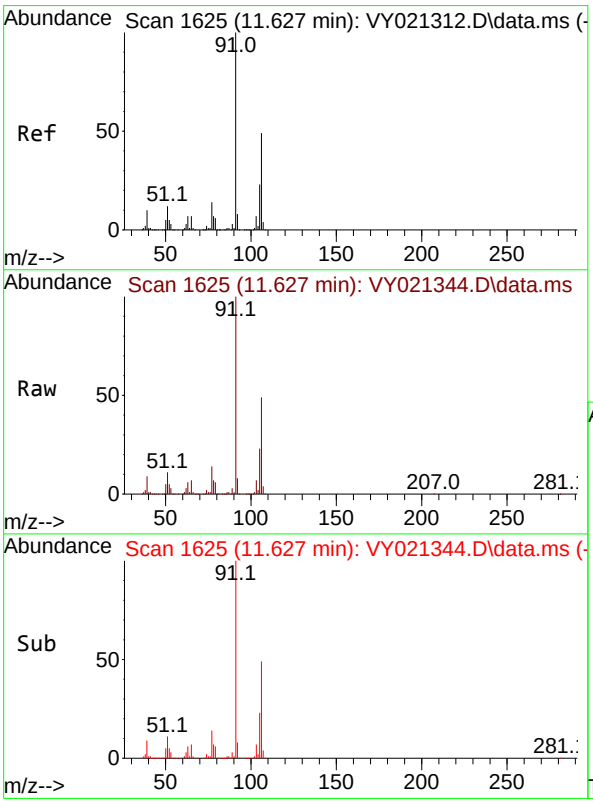
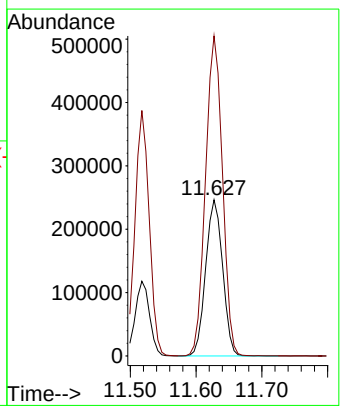
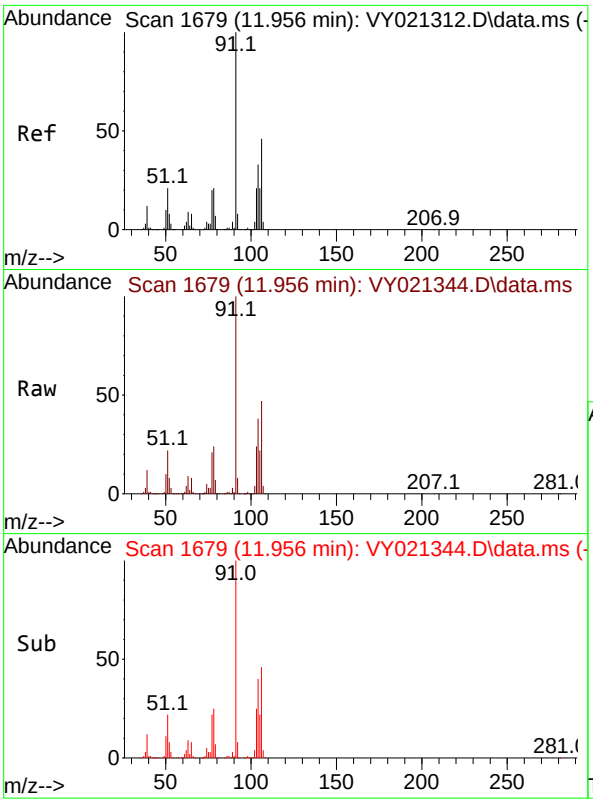


#68
m/p-Xylenes
Concen: 96.556 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:106 Resp: 441830

Ion	Ratio	Lower	Upper
106	100		
91	205.2	163.9	245.9





#69
o-Xylene
Concen: 49.544 ug/l
RT: 11.956 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:106 Resp: 21238

Ion	Ratio	Lower	Upper
106	100		
91	216.1	108.1	324.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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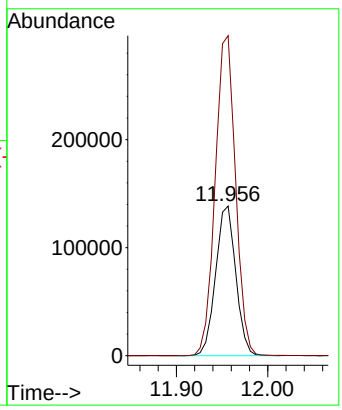
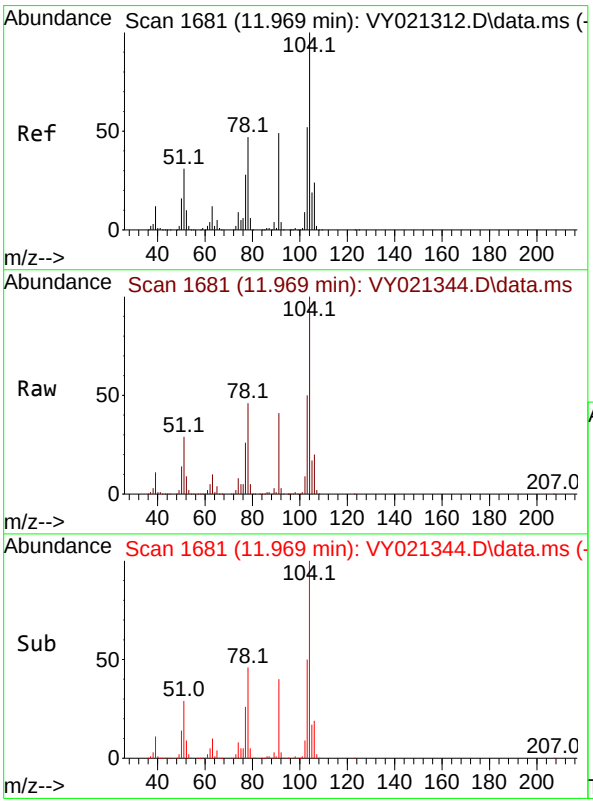
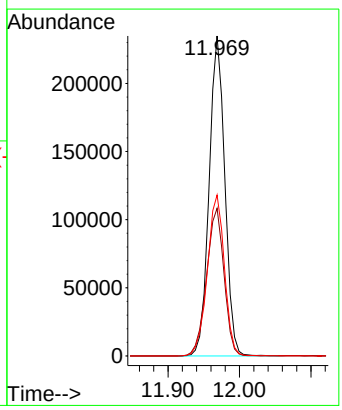


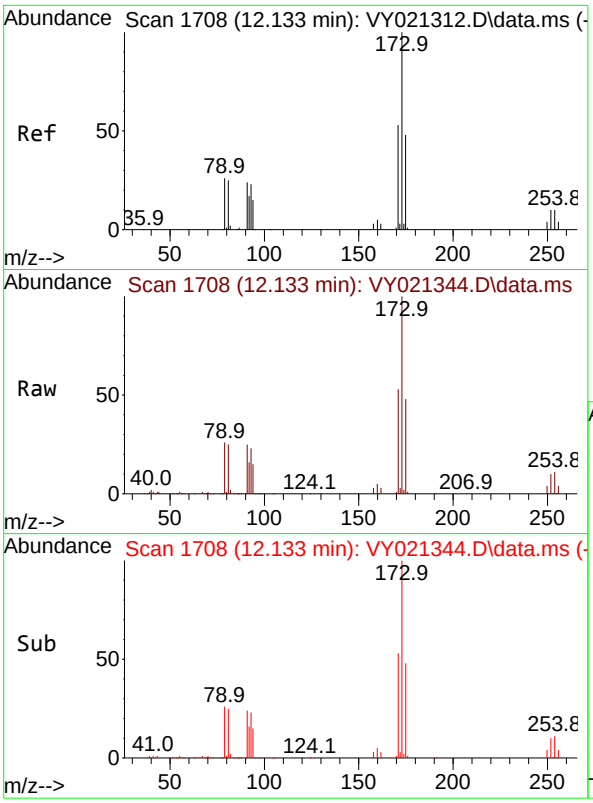


#70
Styrene
Concen: 50.170 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:104 Resp: 357830

Ion	Ratio	Lower	Upper
104	100		
78	51.4	41.3	61.9
103	54.8	43.9	65.9

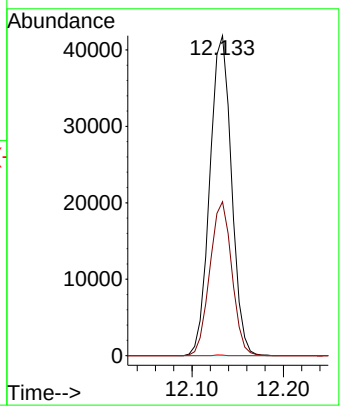




#71
Bromoform
Concen: 50.071 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:173 Resp: 6888

Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.1	72.3
254	0.1	0.1	0.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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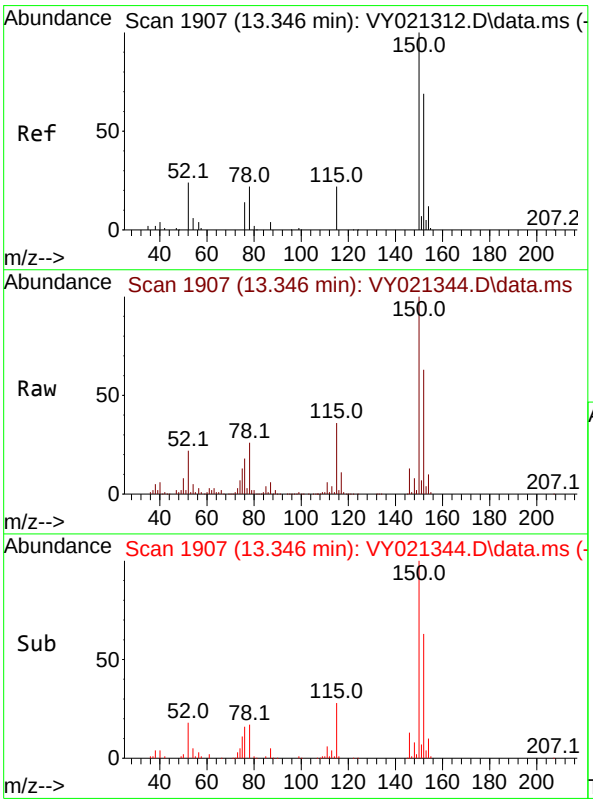
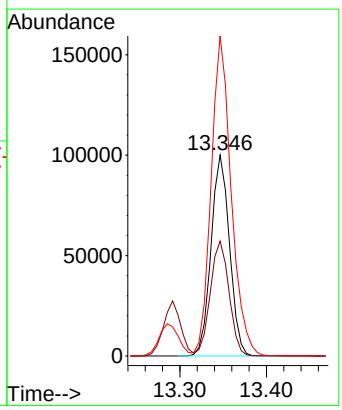
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

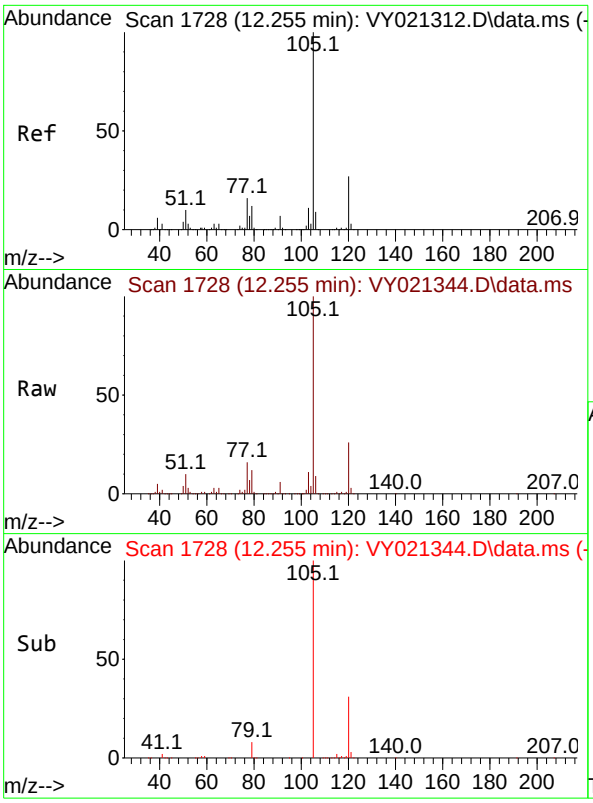


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:152 Resp: 148168

Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.3	88.0
150	173.1	0.0	347.4

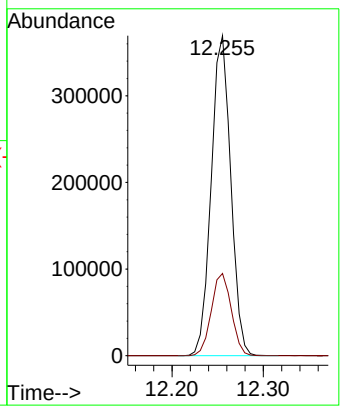




#73
Isopropylbenzene
Concen: 49.240 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:105 Resp: 54849

Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.3	39.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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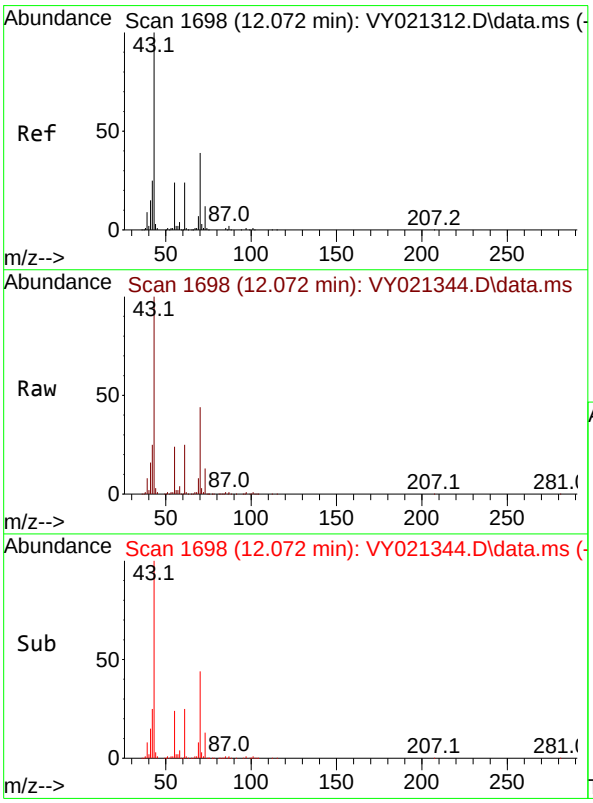
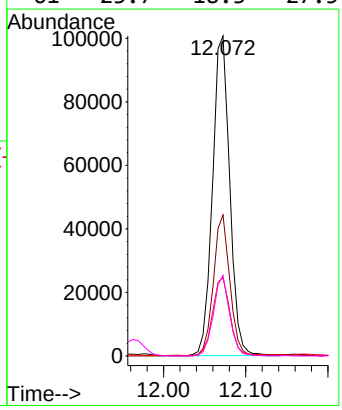
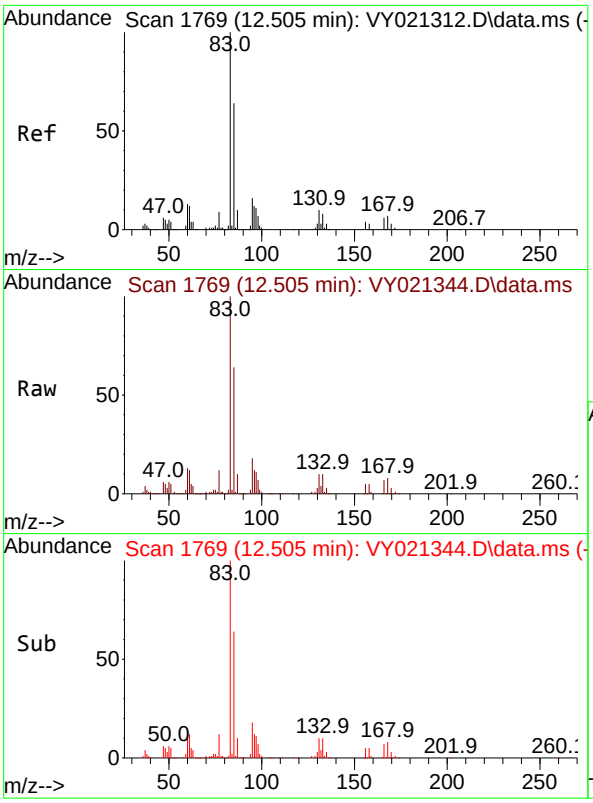


#74
N-amyl acetate
Concen: 51.825 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 43 Resp: 146735

Ion	Ratio	Lower	Upper
43	100		
70	42.1	32.2	48.2
55	24.8	19.6	29.4
61	23.7	18.3	27.5

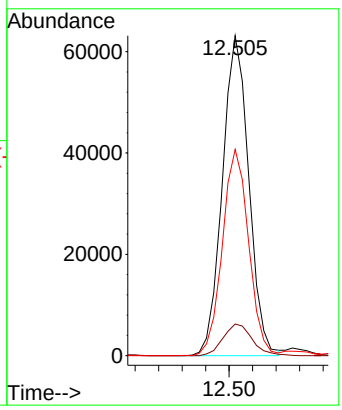




#75
1,1,2,2-Tetrachloroethane
Concen: 50.176 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 83 Resp: 9864

Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.2	15.6
85	64.0	32.0	96.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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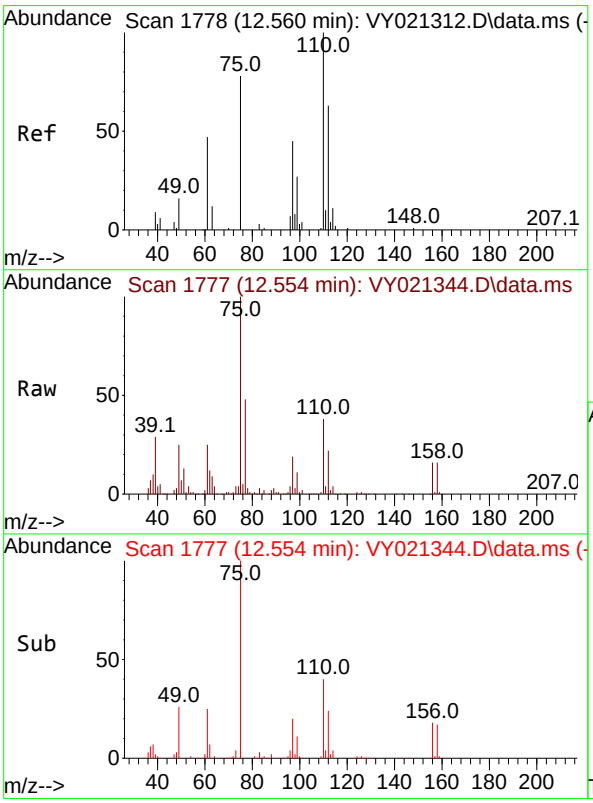
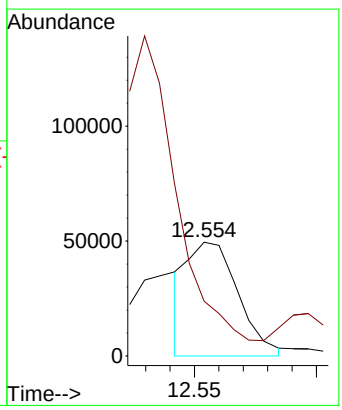
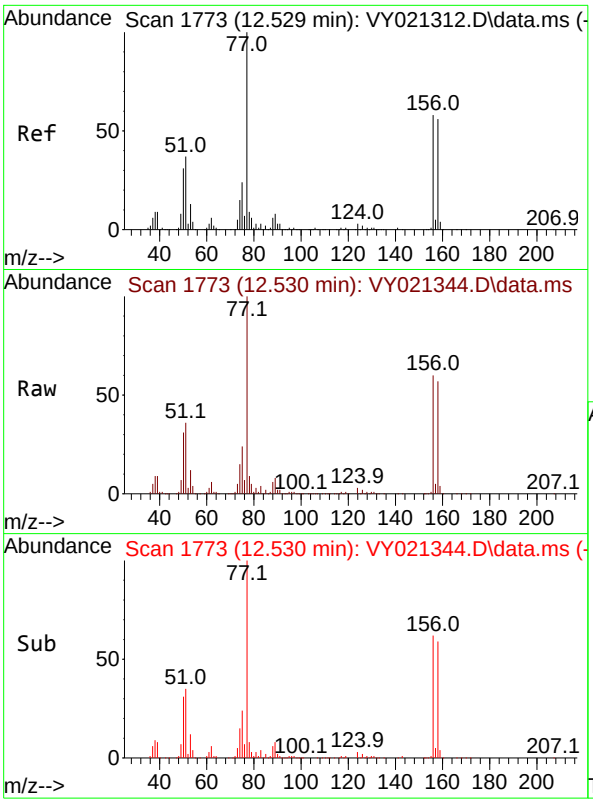


#76
1,2,3-Trichloropropane
Concen: 48.754 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 75 Resp: 72307

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

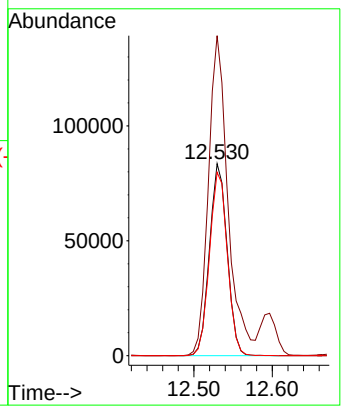




#77
Bromobenzene
Concen: 50.469 ug/l
RT: 12.530 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:156 Resp: 13076

Ion	Ratio	Lower	Upper
156	100		
77	184.7	94.0	282.1
158	96.6	48.7	146.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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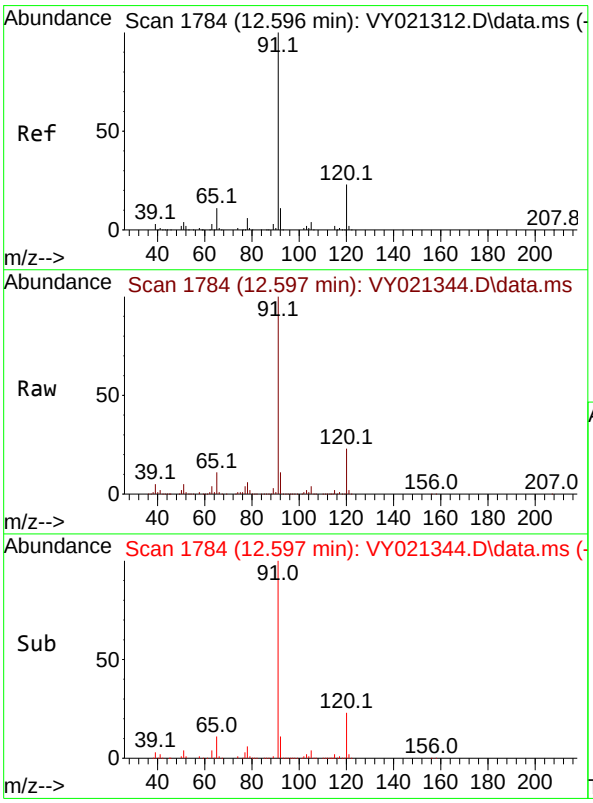
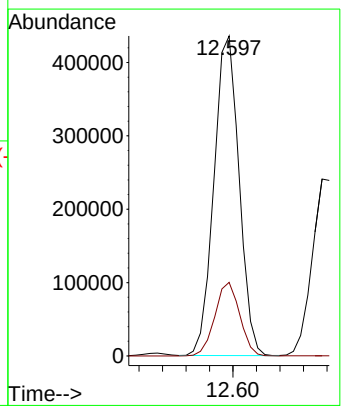
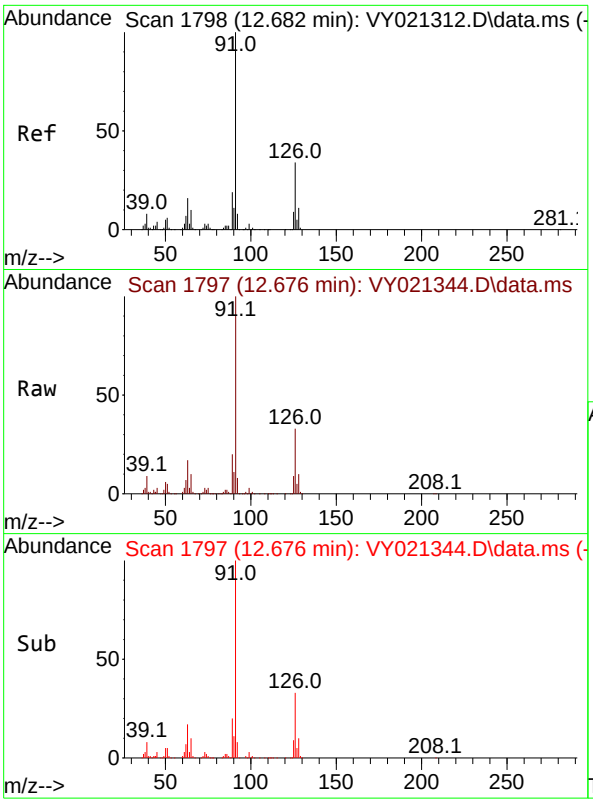


#78
n-propylbenzene
Concen: 47.897 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 91 Resp: 647434

Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.2	33.5





#79
2-Chlorotoluene
Concen: 49.187 ug/l
RT: 12.676 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

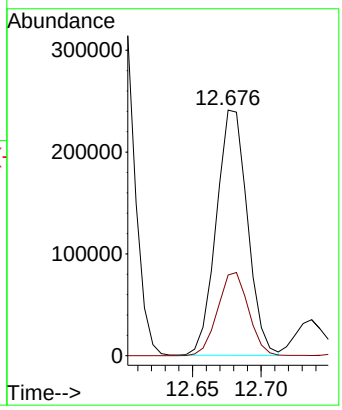
Tgt Ion: 91 Resp: 38156

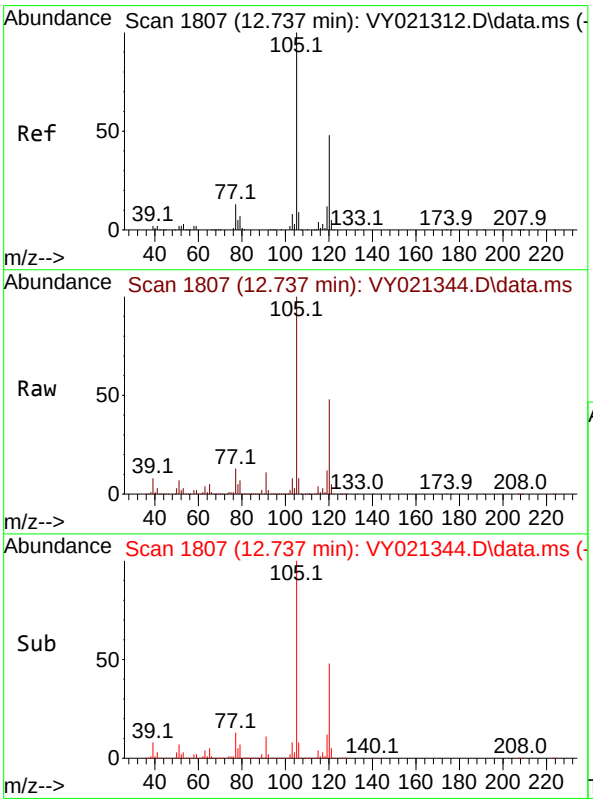
Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.9	50.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

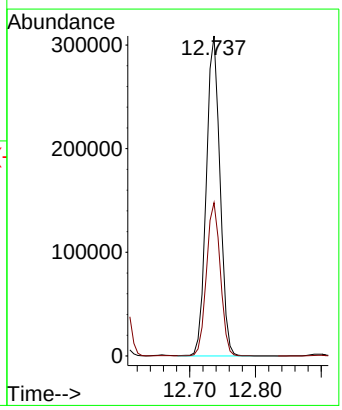


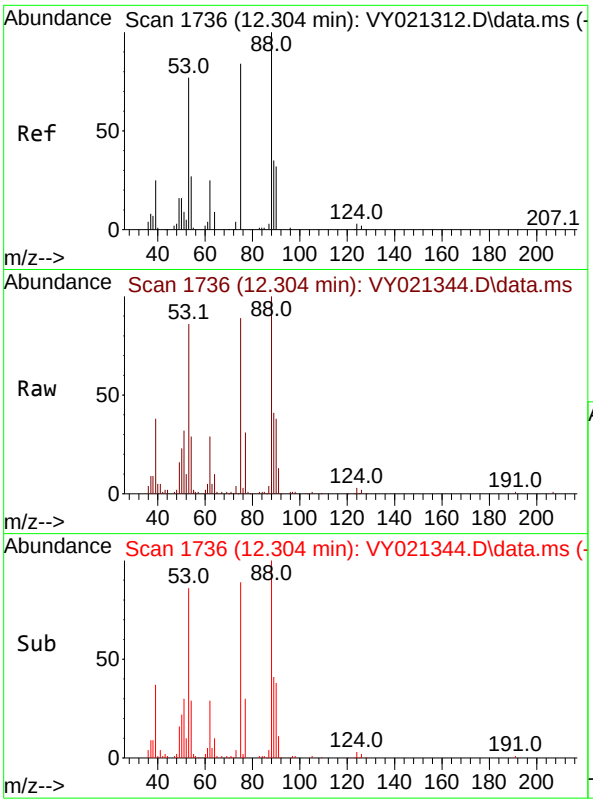


#80
1,3,5-Trimethylbenzene
Concen: 49.048 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:105 Resp: 448101

Ion	Ratio	Lower	Upper
105	100		
120	48.3	24.3	73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 47.460 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

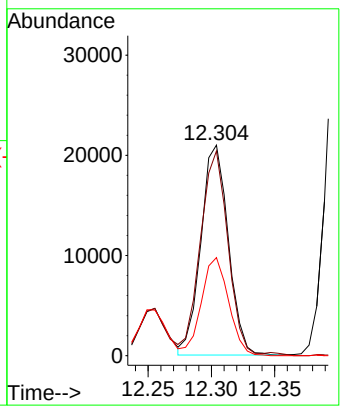
Tgt Ion: 75 Resp: 3166

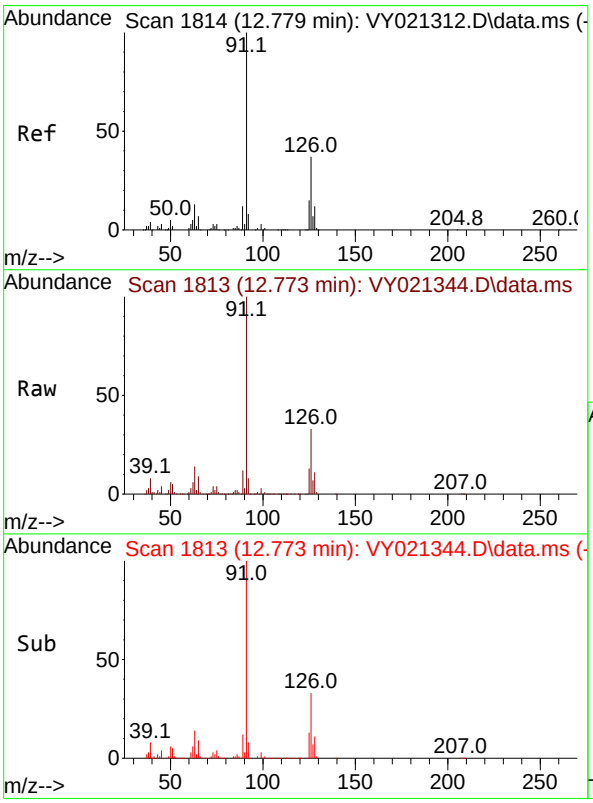
Ion	Ratio	Lower	Upper
75	100		
53	95.9	79.1	118.7
89	46.7	35.6	53.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

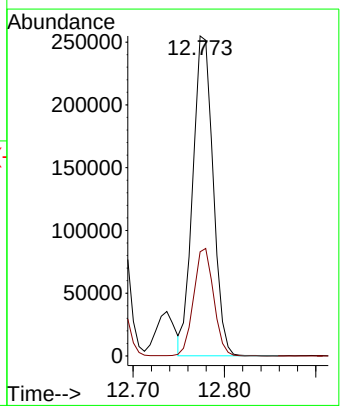


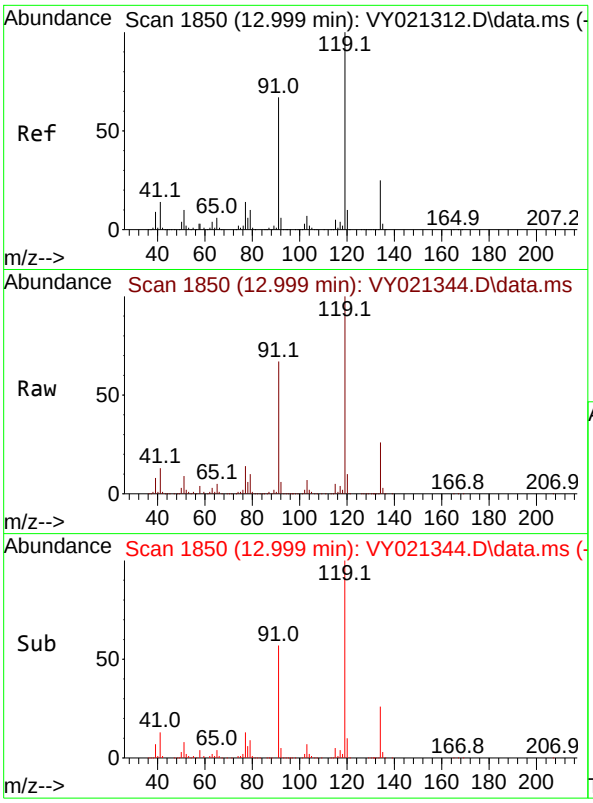


#82
4-Chlorotoluene
Concen: 48.755 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 91 Resp: 392065

Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.8	50.4

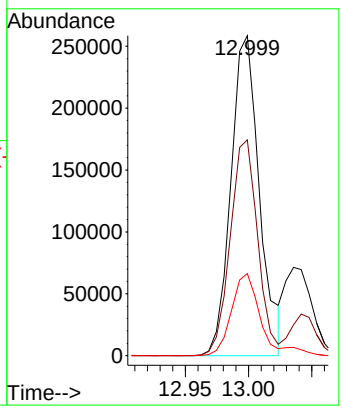




#83
tert-Butylbenzene
Concen: 49.124 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:119 Resp: 40540

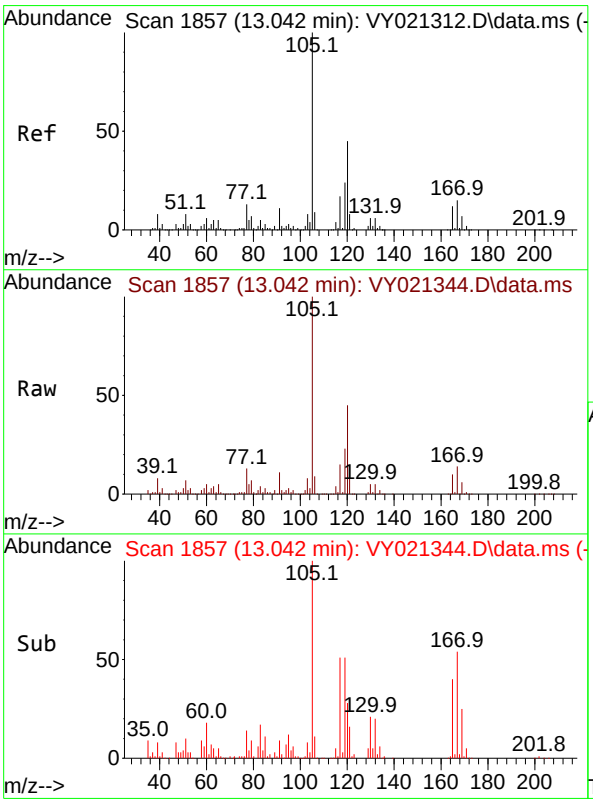
Ion	Ratio	Lower	Upper
119	100		
91	65.0	32.7	98.1
134	26.5	13.3	39.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

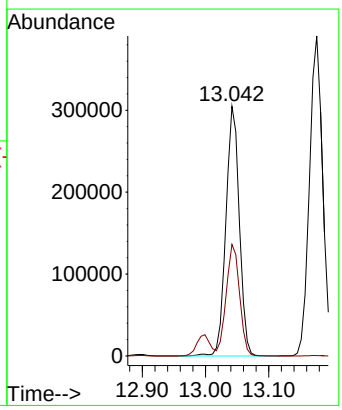
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

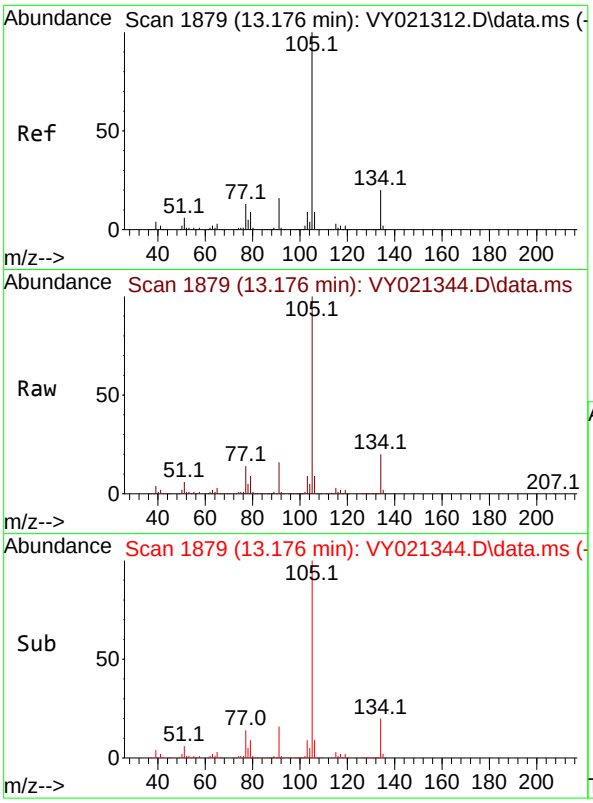


#84
1,2,4-Trimethylbenzene
Concen: 49.422 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:105 Resp: 449054

Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.4	67.3

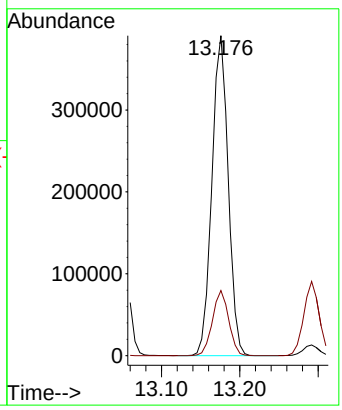




#85
sec-Butylbenzene
Concen: 46.848 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:105 Resp: 56473

Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.0	30.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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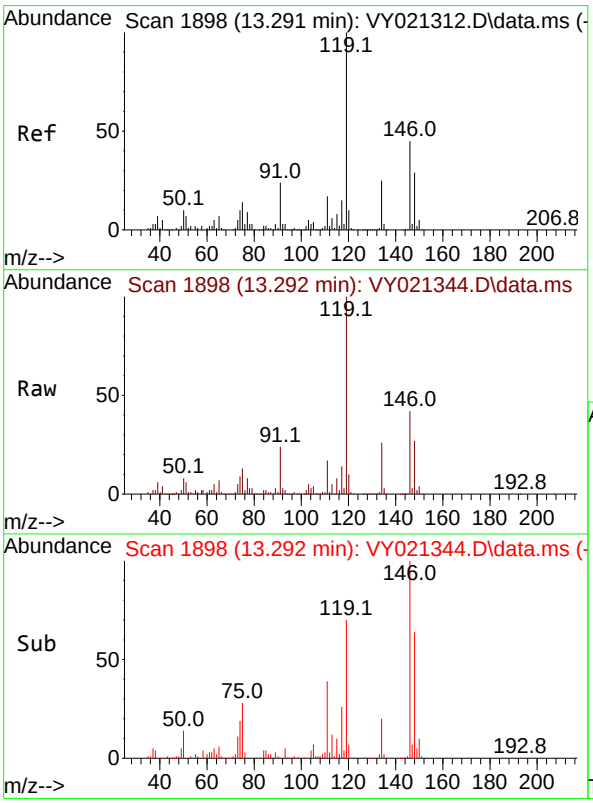
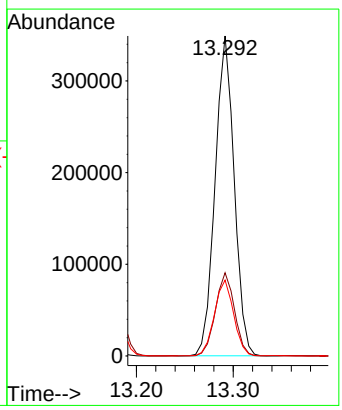
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

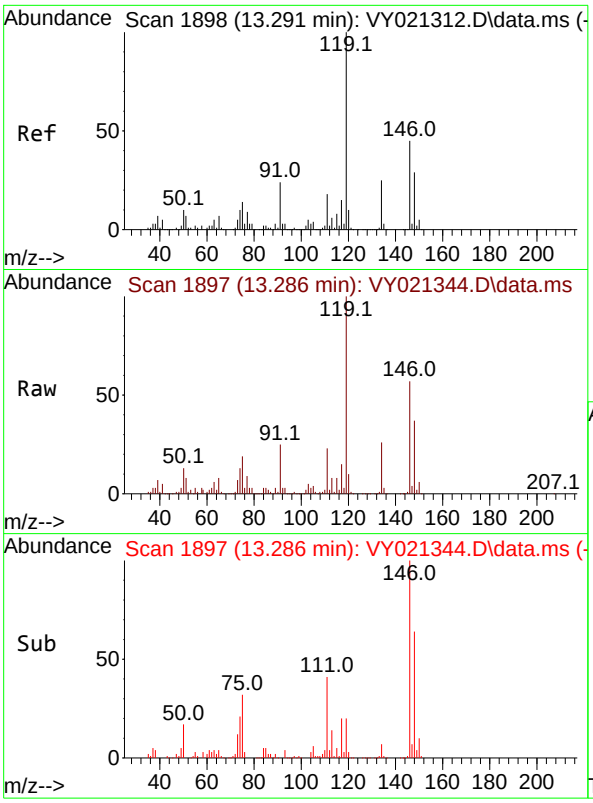


#86
p-Isopropyltoluene
Concen: 47.399 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:119 Resp: 477095

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.0	38.9
91	23.9	12.0	36.1

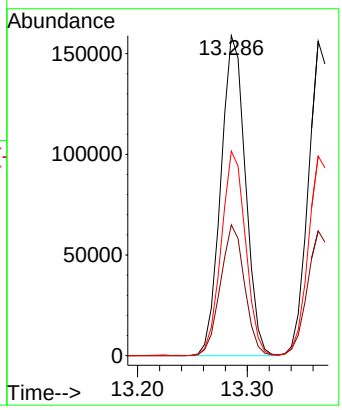




#87
1,3-Dichlorobenzene
Concen: 48.238 ug/l
RT: 13.286 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:146 Resp: 24722

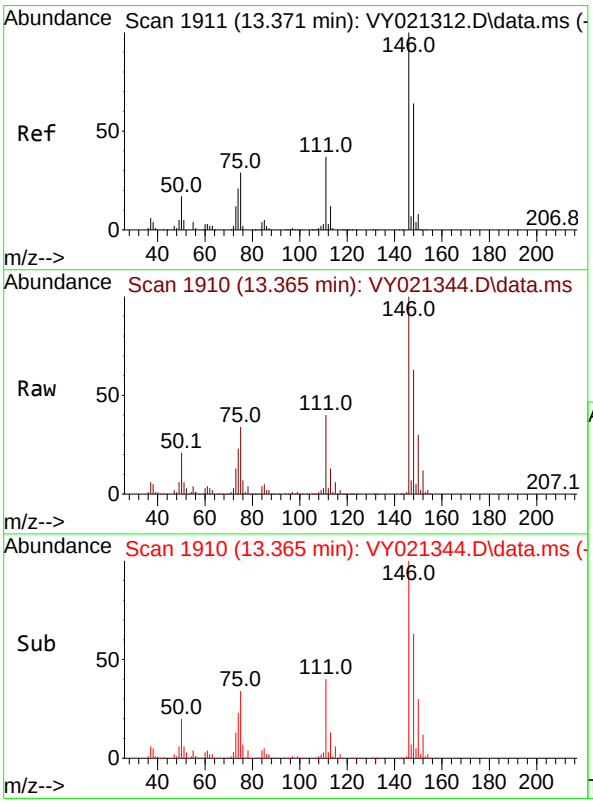
Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	59.9
148	63.3	31.9	95.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

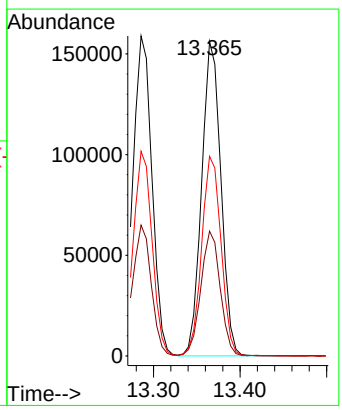
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

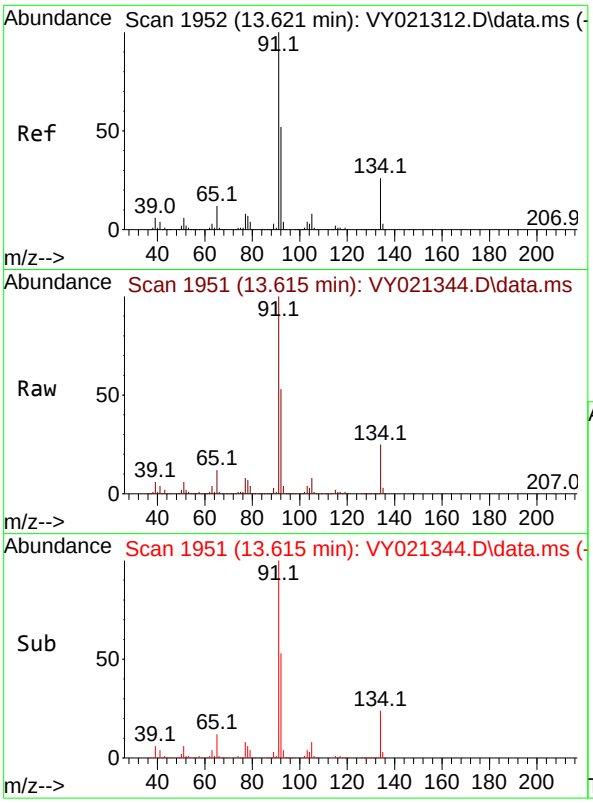


#88
1,4-Dichlorobenzene
Concen: 47.661 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:146 Resp: 241313

Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.5	58.5
148	64.0	32.0	96.2

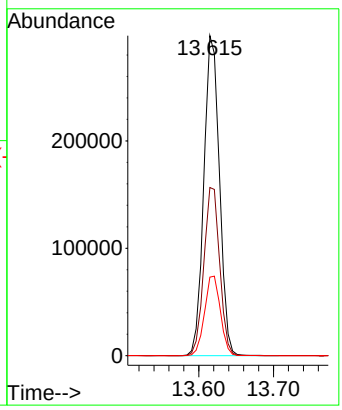




#89
n-Butylbenzene
Concen: 45.583 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 91 Resp: 43177

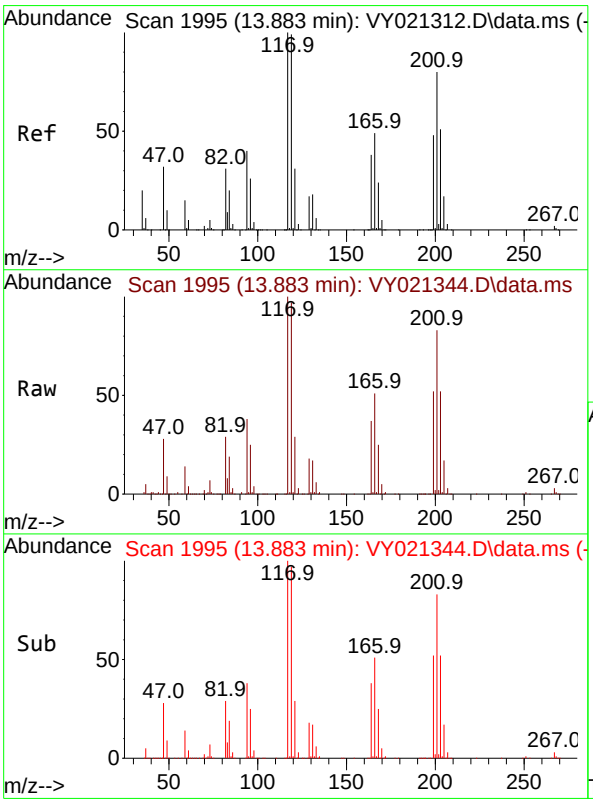
Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.4	79.2
134	25.3	12.7	38.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

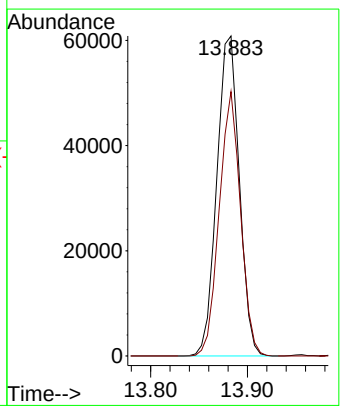
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

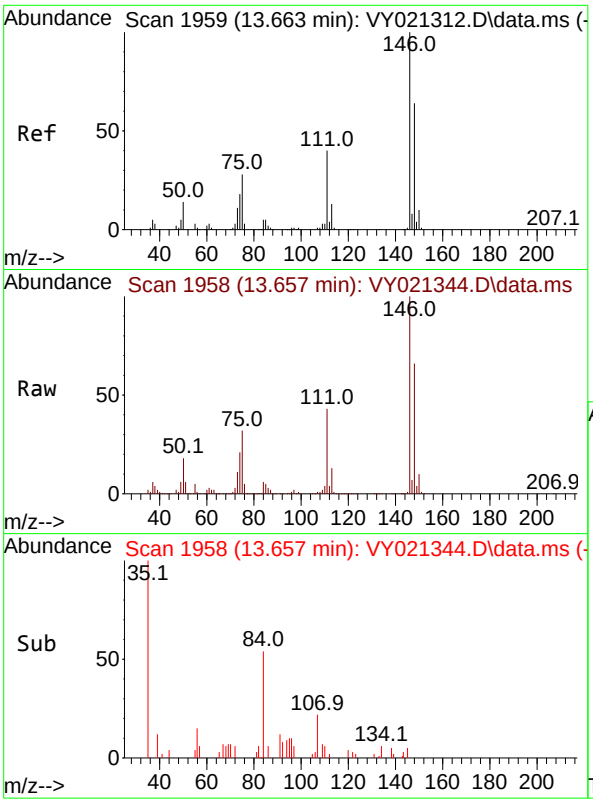


#90
Hexachloroethane
Concen: 46.606 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:117 Resp: 97989

Ion	Ratio	Lower	Upper
117	100		
201	78.2	38.4	115.2

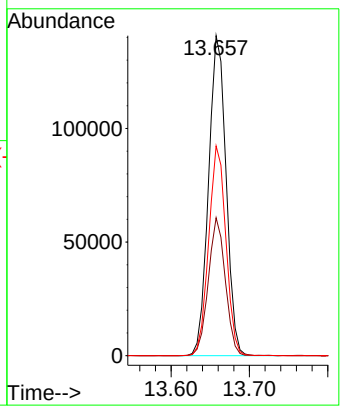




#91
1,2-Dichlorobenzene
Concen: 48.659 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:146 Resp: 21849

Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.7	62.1
148	64.6	31.7	95.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

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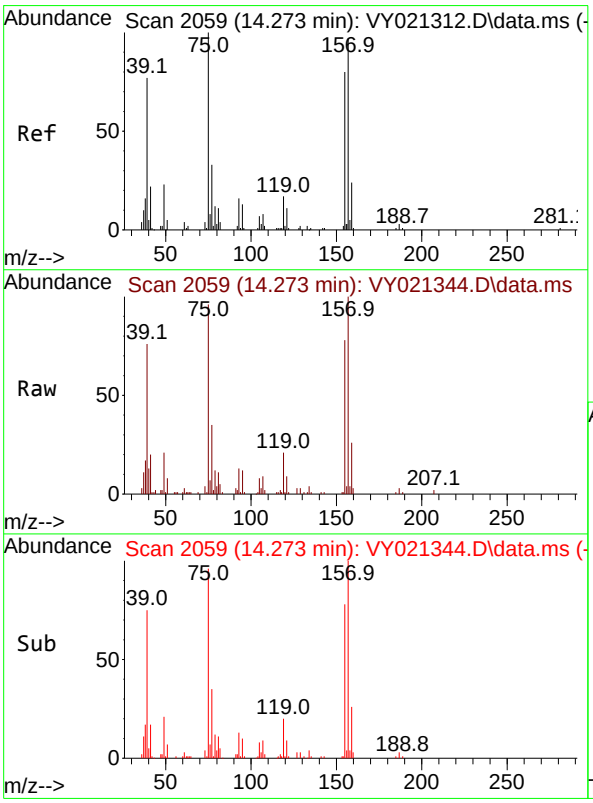
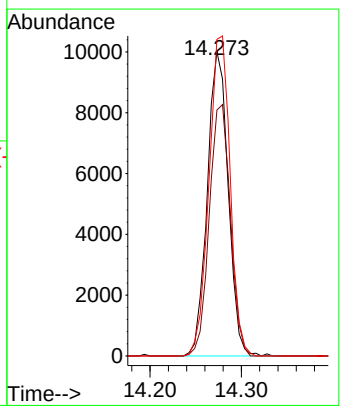
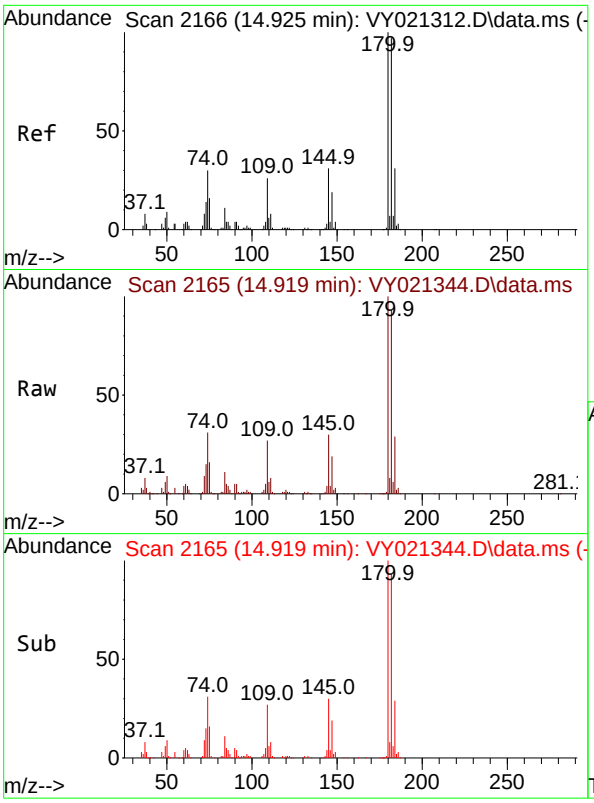


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.037 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 75 Resp: 15872

Ion	Ratio	Lower	Upper
75	100		
155	83.3	41.9	125.6
157	106.6	52.5	157.6

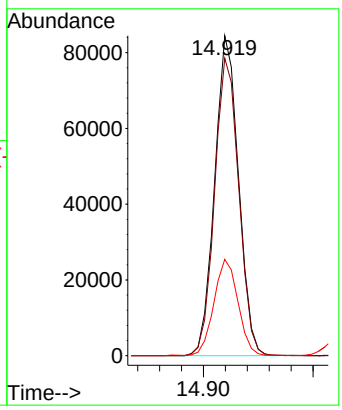




#93
1,2,4-Trichlorobenzene
Concen: 46.535 ug/l
RT: 14.919 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:180 Resp: 12753

Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.9	143.7
145	30.6	15.6	46.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

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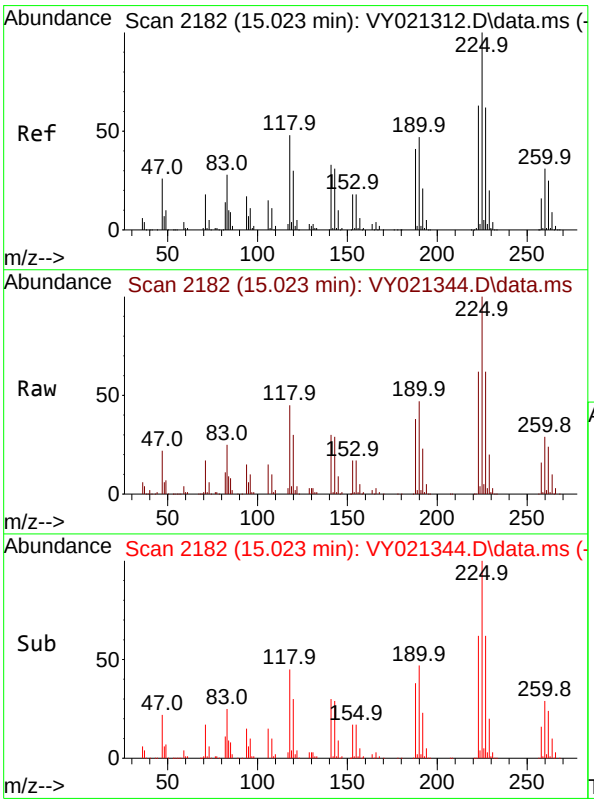
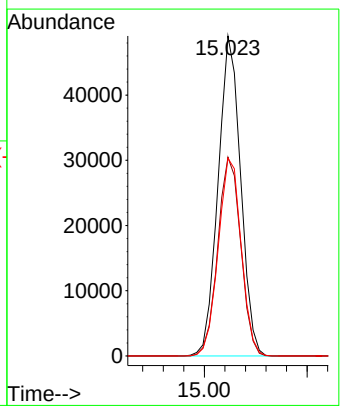
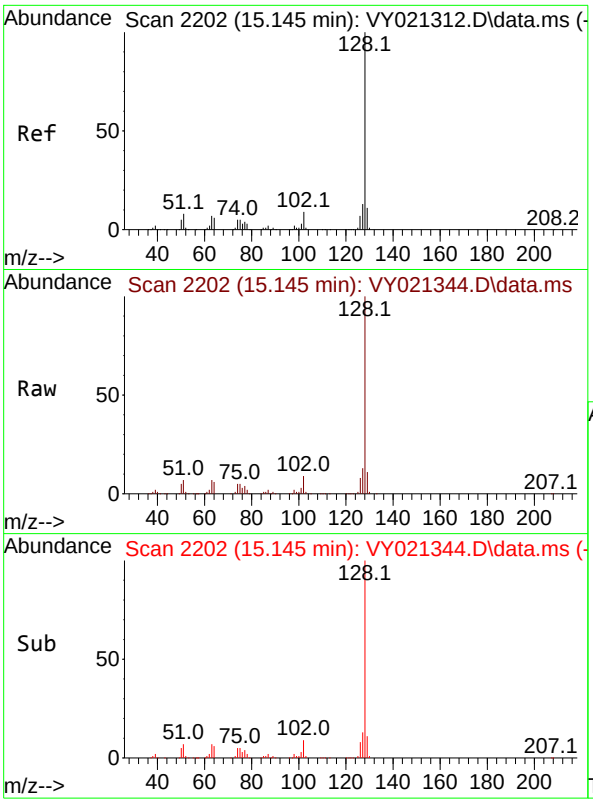


#94
Hexachlorobutadiene
Concen: 43.221 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:225 Resp: 74574

Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.8	95.4
227	63.0	31.9	95.7

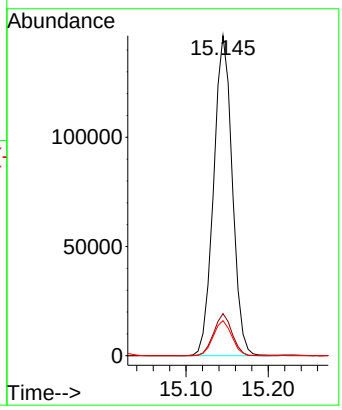




#95
Naphthalene
Concen: 50.863 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:128 Resp: 23088

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.9	8.5	12.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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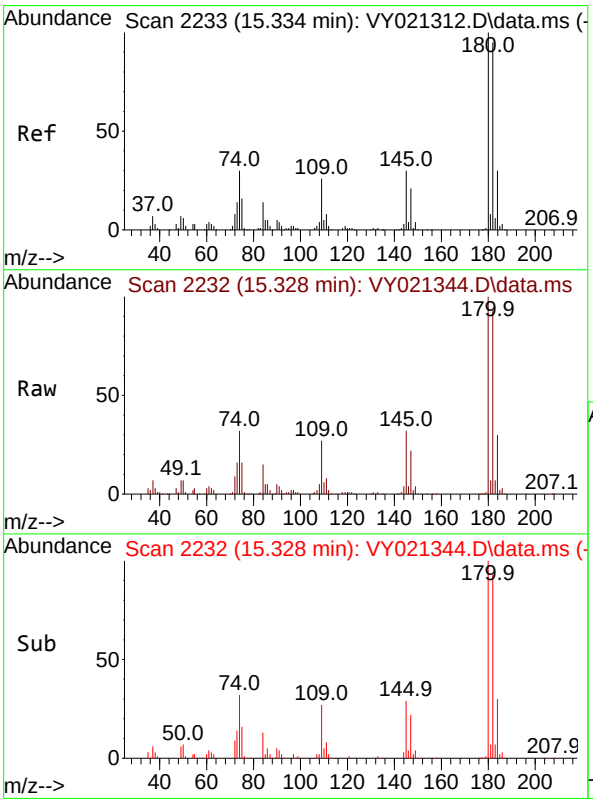
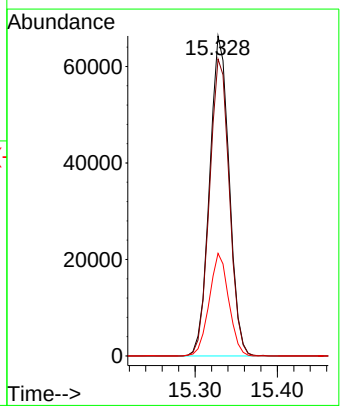


#96
1,2,3-Trichlorobenzene
Concen: 47.484 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:180 Resp: 109952

Ion	Ratio	Lower	Upper
180	100		
182	93.9	48.3	144.9
145	31.9	16.1	48.3



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Data File : VY021344.D
Acq On : 26 Feb 2025 20:06
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 27 00:45:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	119	0.00
2	T	Dichlorodifluoromethane	0.474	0.427	9.9	103	0.00
3	P	Chloromethane	0.612	0.566	7.5	112	0.00
4	C	Vinyl Chloride	0.601	0.577	4.0#	110	0.00
5	T	Bromomethane	0.399	0.382	4.3	118	0.00
6	T	Chloroethane	0.373	0.374	-0.3	114	0.00
7	T	Trichlorofluoromethane	0.908	0.871	4.1	111	0.00
8	T	Diethyl Ether	0.272	0.290	-6.6	121	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.525	0.494	5.9	110	0.00
10	T	Methyl Iodide	0.553	0.634	-14.6	119	0.00
11	T	Tert butyl alcohol	0.044	0.040	9.1	120	0.00
12	CM	1,1-Dichloroethene	0.503	0.489	2.8#	113	0.00
13	T	Acrolein	0.033	0.006	81.8#	110	0.00
14	T	Allyl chloride	0.892	0.877	1.7	113	0.00
15	T	Acrylonitrile	0.120	0.125	-4.2	117	0.00
16	T	Acetone	0.109	0.098	10.1	91	0.00
17	T	Carbon Disulfide	1.671	1.626	2.7	112	0.00
18	T	Methyl Acetate	0.266	0.284	-6.8	123	0.00
19	T	Methyl tert-butyl Ether	1.329	1.439	-8.3	122	0.00
20	T	Methylene Chloride	0.588	0.567	3.6	116	0.00
21	T	trans-1,2-Dichloroethene	0.554	0.566	-2.2	118	0.00
22	T	Diisopropyl ether	1.846	1.926	-4.3	117	0.00
23	T	Vinyl Acetate	1.103	1.143	-3.6	115	0.00
24	P	1,1-Dichloroethane	1.040	1.051	-1.1	116	0.00
25	T	2-Butanone	0.164	0.166	-1.2	109	0.00
26	T	2,2-Dichloropropane	0.944	0.817	13.5	100	0.00
27	T	cis-1,2-Dichloroethene	0.632	0.663	-4.9	119	0.00
28	T	Bromochloromethane	0.460	0.446	3.0	117	0.00
29	T	Tetrahydrofuran	0.107	0.112	-4.7	117	0.00
30	C	Chloroform	1.054	1.085	-2.9#	118	0.00
31	T	Cyclohexane	1.000	0.882	11.8	106	0.00
32	T	1,1,1-Trichloroethane	0.960	0.958	0.2	116	0.00
33	S	1,2-Dichloroethane-d4	0.567	0.529	6.7	114	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	126	0.00
35	S	Dibromofluoromethane	0.328	0.298	9.1	116	0.00
36	T	1,1-Dichloropropene	0.492	0.462	6.1	113	0.00
37	T	Ethyl Acetate	0.245	0.240	2.0	117	0.00
38	T	Carbon Tetrachloride	0.554	0.520	6.1	113	0.00
39	T	Methylcyclohexane	0.623	0.557	10.6	106	0.00
40	TM	Benzene	1.456	1.421	2.4	117	0.00
41	T	Methacrylonitrile	0.137	0.148	-8.0	127	0.00
42	TM	1,2-Dichloroethane	0.413	0.419	-1.5	122	0.00
43	T	Isopropyl Acetate	0.474	0.473	0.2	116	0.00
44	TM	Trichloroethene	0.364	0.352	3.3	116	0.00
45	C	1,2-Dichloropropane	0.350	0.341	2.6#	116	0.00
46	T	Dibromomethane	0.191	0.193	-1.0	120	0.00
47	T	Bromodichloromethane	0.511	0.511	0.0	119	0.00
48	T	Methyl methacrylate	0.222	0.224	-0.9	114	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021344.D
Acq On : 26 Feb 2025 20:06
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 27 00:45:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	122	0.00
50	S	Toluene-d8	1.267	1.131	10.7	114	0.00
51	T	4-Methyl-2-Pentanone	0.243	0.248	-2.1	117	0.00
52	CM	Toluene	0.904	0.897	0.8#	117	0.00
53	T	t-1,3-Dichloropropene	0.468	0.465	0.6	114	0.00
54	T	cis-1,3-Dichloropropene	0.552	0.534	3.3	114	0.00
55	T	1,1,2-Trichloroethane	0.249	0.254	-2.0	120	0.00
56	T	Ethyl methacrylate	0.345	0.370	-7.2	119	0.00
57	T	1,3-Dichloropropane	0.438	0.445	-1.6	120	0.00
58	T	2-Chloroethyl Vinyl ether	0.165	0.170	-3.0	112	0.00
59	T	2-Hexanone	0.159	0.166	-4.4	114	0.00
60	T	Dibromochloromethane	0.340	0.345	-1.5	118	0.00
61	T	1,2-Dibromoethane	0.236	0.239	-1.3	119	0.00
62	S	4-Bromofluorobenzene	0.426	0.383	10.1	114	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	128	0.00
64	T	Tetrachloroethene	0.378	0.354	6.3	116	0.00
65	PM	Chlorobenzene	1.122	1.085	3.3	118	0.00
66	T	1,1,1,2-Tetrachloroethane	0.393	0.388	1.3	120	0.00
67	C	Ethyl Benzene	1.988	1.913	3.8#	115	0.00
68	T	m/p-Xylenes	0.748	0.722	3.5	115	0.00
69	T	o-Xylene	0.701	0.694	1.0	117	0.00
70	T	Styrene	1.166	1.169	-0.3	117	0.00
71	P	Bromoform	0.225	0.225	0.0	117	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	122	0.00
73	T	Isopropylbenzene	3.759	3.702	1.5	113	0.00
74	T	N-amyl acetate	0.955	0.990	-3.7	114	0.00
75	P	1,1,2,2-Tetrachloroethane	0.663	0.666	-0.5	116	0.00
76	T	1,2,3-Trichloropropane	0.500	0.488	2.4	114	0.00
77	T	Bromobenzene	0.874	0.883	-1.0	118	0.00
78	T	n-propylbenzene	4.561	4.370	4.2	110	0.00
79	T	2-Chlorotoluene	2.618	2.575	1.6	115	0.00
80	T	1,3,5-Trimethylbenzene	3.083	3.024	1.9	113	0.00
81	T	trans-1,4-Dichloro-2-butene	0.225	0.214	4.9	107	0.00
82	T	4-Chlorotoluene	2.714	2.646	2.5	114	0.00
83	T	tert-Butylbenzene	2.785	2.736	1.8	115	0.00
84	T	1,2,4-Trimethylbenzene	3.066	3.031	1.1	114	0.00
85	T	sec-Butylbenzene	4.068	3.811	6.3	109	0.00
86	T	p-Isopropyltoluene	3.397	3.220	5.2	109	0.00
87	T	1,3-Dichlorobenzene	1.730	1.669	3.5	113	0.00
88	T	1,4-Dichlorobenzene	1.709	1.629	4.7	113	0.00
89	T	n-Butylbenzene	3.196	2.914	8.8	104	0.00
90	T	Hexachloroethane	0.710	0.661	6.9	112	0.00
91	T	1,2-Dichlorobenzene	1.515	1.475	2.6	114	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.105	0.107	-1.9	115	0.00
93	T	1,2,4-Trichlorobenzene	0.925	0.861	6.9	108	0.00
94	T	Hexachlorobutadiene	0.582	0.503	13.6	104	0.00
95	T	Naphthalene	1.532	1.558	-1.7	110	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021344.D
Acq On : 26 Feb 2025 20:06
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 27 00:45:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.781	0.742	5.0	110	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021344.D
Acq On : 26 Feb 2025 20:06
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 27 00:45:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	119	0.00
2	T	Dichlorodifluoromethane	50.000	44.987	10.0	103	0.00
3	P	Chloromethane	50.000	46.199	7.6	112	0.00
4	C	Vinyl Chloride	50.000	47.976	4.0#	110	0.00
5	T	Bromomethane	50.000	47.832	4.3	118	0.00
6	T	Chloroethane	50.000	50.180	-0.4	114	0.00
7	T	Trichlorofluoromethane	50.000	47.991	4.0	111	0.00
8	T	Diethyl Ether	50.000	53.265	-6.5	121	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.044	5.9	110	0.00
10	T	Methyl Iodide	50.000	57.386	-14.8	119	0.00
11	T	Tert butyl alcohol	250.000	231.715	7.3	120	0.00
12	CM	1,1-Dichloroethene	50.000	48.566	2.9#	113	0.00
13	T	Acrolein	250.000	45.939	81.6#	110	0.00
14	T	Allyl chloride	50.000	49.143	1.7	113	0.00
15	T	Acrylonitrile	250.000	259.792	-3.9	117	0.00
16	T	Acetone	250.000	224.914	10.0	91	0.00
17	T	Carbon Disulfide	50.000	48.671	2.7	112	0.00
18	T	Methyl Acetate	50.000	53.445	-6.9	123	0.00
19	T	Methyl tert-butyl Ether	50.000	54.123	-8.2	122	0.00
20	T	Methylene Chloride	50.000	48.152	3.7	116	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.077	-2.2	118	0.00
22	T	Diisopropyl ether	50.000	52.185	-4.4	117	0.00
23	T	Vinyl Acetate	250.000	259.062	-3.6	115	0.00
24	P	1,1-Dichloroethane	50.000	50.498	-1.0	116	0.00
25	T	2-Butanone	250.000	253.286	-1.3	109	0.00
26	T	2,2-Dichloropropane	50.000	43.292	13.4	100	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.447	-4.9	119	0.00
28	T	Bromochloromethane	50.000	48.465	3.1	117	0.00
29	T	Tetrahydrofuran	250.000	261.209	-4.5	117	0.00
30	C	Chloroform	50.000	51.443	-2.9#	118	0.00
31	T	Cyclohexane	50.000	44.101	11.8	106	0.00
32	T	1,1,1-Trichloroethane	50.000	49.940	0.1	116	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.619	6.8	114	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	126	0.00
35	S	Dibromofluoromethane	50.000	45.429	9.1	116	0.00
36	T	1,1-Dichloropropene	50.000	46.928	6.1	113	0.00
37	T	Ethyl Acetate	50.000	48.999	2.0	117	0.00
38	T	Carbon Tetrachloride	50.000	46.933	6.1	113	0.00
39	T	Methylcyclohexane	50.000	44.707	10.6	106	0.00
40	TM	Benzene	50.000	48.823	2.4	117	0.00
41	T	Methacrylonitrile	50.000	54.039	-8.1	127	0.00
42	TM	1,2-Dichloroethane	50.000	50.672	-1.3	122	0.00
43	T	Isopropyl Acetate	50.000	49.861	0.3	116	0.00
44	TM	Trichloroethene	50.000	48.271	3.5	116	0.00
45	C	1,2-Dichloropropane	50.000	48.736	2.5#	116	0.00
46	T	Dibromomethane	50.000	50.499	-1.0	120	0.00
47	T	Bromodichloromethane	50.000	50.086	-0.2	119	0.00
48	T	Methyl methacrylate	50.000	50.619	-1.2	114	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021344.D
Acq On : 26 Feb 2025 20:06
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 27 00:45:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1015.844	-1.6	122	0.00
50	S	Toluene-d8	50.000	44.650	10.7	114	0.00
51	T	4-Methyl-2-Pentanone	250.000	254.988	-2.0	117	0.00
52	CM	Toluene	50.000	49.585	0.8#	117	0.00
53	T	t-1,3-Dichloropropene	50.000	49.701	0.6	114	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.340	3.3	114	0.00
55	T	1,1,2-Trichloroethane	50.000	50.858	-1.7	120	0.00
56	T	Ethyl methacrylate	50.000	53.738	-7.5	119	0.00
57	T	1,3-Dichloropropane	50.000	50.818	-1.6	120	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	257.068	-2.8	112	0.00
59	T	2-Hexanone	250.000	260.462	-4.2	114	0.00
60	T	Dibromochloromethane	50.000	50.788	-1.6	118	0.00
61	T	1,2-Dibromoethane	50.000	50.586	-1.2	119	0.00
62	S	4-Bromofluorobenzene	50.000	44.933	10.1	114	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	128	0.00
64	T	Tetrachloroethene	50.000	46.783	6.4	116	0.00
65	PM	Chlorobenzene	50.000	48.330	3.3	118	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.313	1.4	120	0.00
67	C	Ethyl Benzene	50.000	48.106	3.8#	115	0.00
68	T	m/p-Xylenes	100.000	96.556	3.4	115	0.00
69	T	o-Xylene	50.000	49.544	0.9	117	0.00
70	T	Styrene	50.000	50.170	-0.3	117	0.00
71	P	Bromoform	50.000	50.071	-0.1	117	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	122	0.00
73	T	Isopropylbenzene	50.000	49.240	1.5	113	0.00
74	T	N-amyl acetate	50.000	51.825	-3.7	114	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.176	-0.4	116	0.00
76	T	1,2,3-Trichloropropane	50.000	48.754	2.5	114	0.00
77	T	Bromobenzene	50.000	50.469	-0.9	118	0.00
78	T	n-propylbenzene	50.000	47.897	4.2	110	0.00
79	T	2-Chlorotoluene	50.000	49.187	1.6	115	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.048	1.9	113	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.460	5.1	107	0.00
82	T	4-Chlorotoluene	50.000	48.755	2.5	114	0.00
83	T	tert-Butylbenzene	50.000	49.124	1.8	115	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.422	1.2	114	0.00
85	T	sec-Butylbenzene	50.000	46.848	6.3	109	0.00
86	T	p-Isopropyltoluene	50.000	47.399	5.2	109	0.00
87	T	1,3-Dichlorobenzene	50.000	48.238	3.5	113	0.00
88	T	1,4-Dichlorobenzene	50.000	47.661	4.7	113	0.00
89	T	n-Butylbenzene	50.000	45.583	8.8	104	0.00
90	T	Hexachloroethane	50.000	46.606	6.8	112	0.00
91	T	1,2-Dichlorobenzene	50.000	48.659	2.7	114	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.037	-2.1	115	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.535	6.9	108	0.00
94	T	Hexachlorobutadiene	50.000	43.221	13.6	104	0.00
95	T	Naphthalene	50.000	50.863	-1.7	110	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021344.D
Acq On : 26 Feb 2025 20:06
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 27 00:45:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.484	5.0	110	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

QC SAMPLE DATA

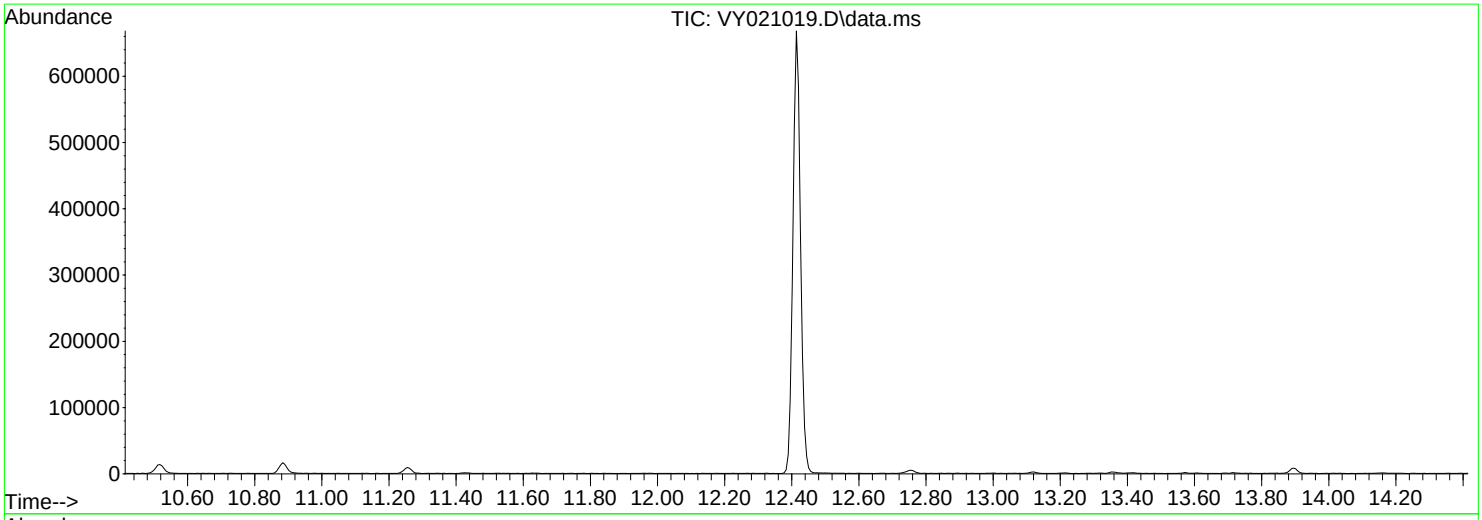
Sample Results: **VY021019.D**

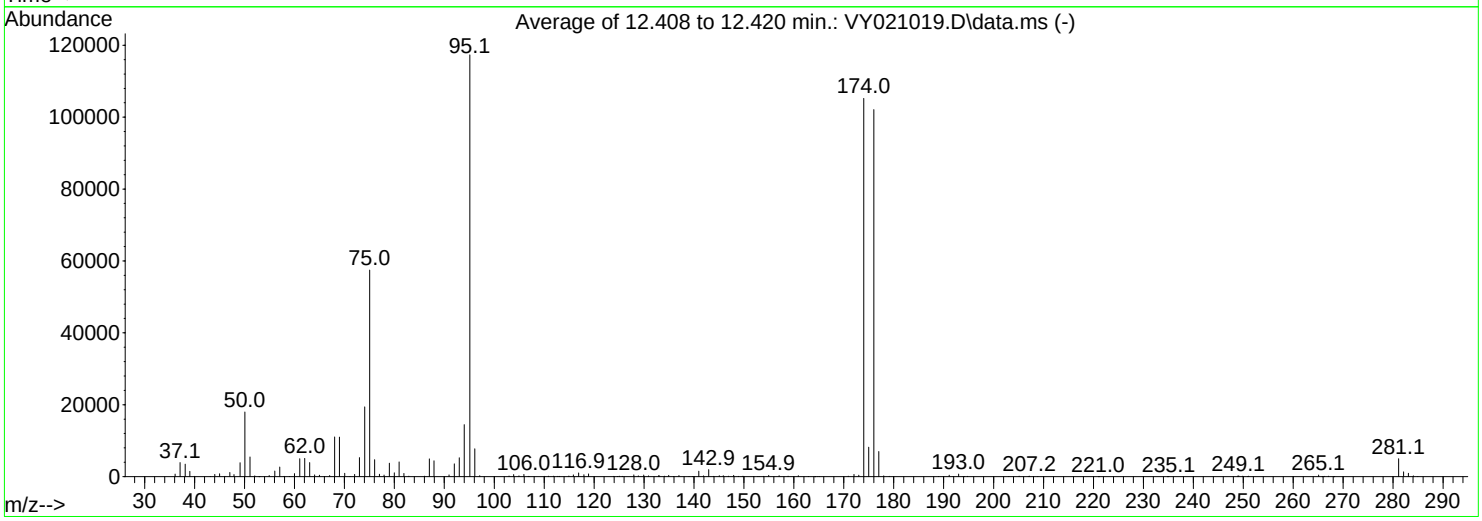
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021019.D
Acq On : 03 Feb 2025 09:51
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Title : SW846 8260
Last Update : Mon Feb 03 13:08:38 2025





AutoFind: Scans 1753, 1754, 1755; Background Corrected with Scan 1745

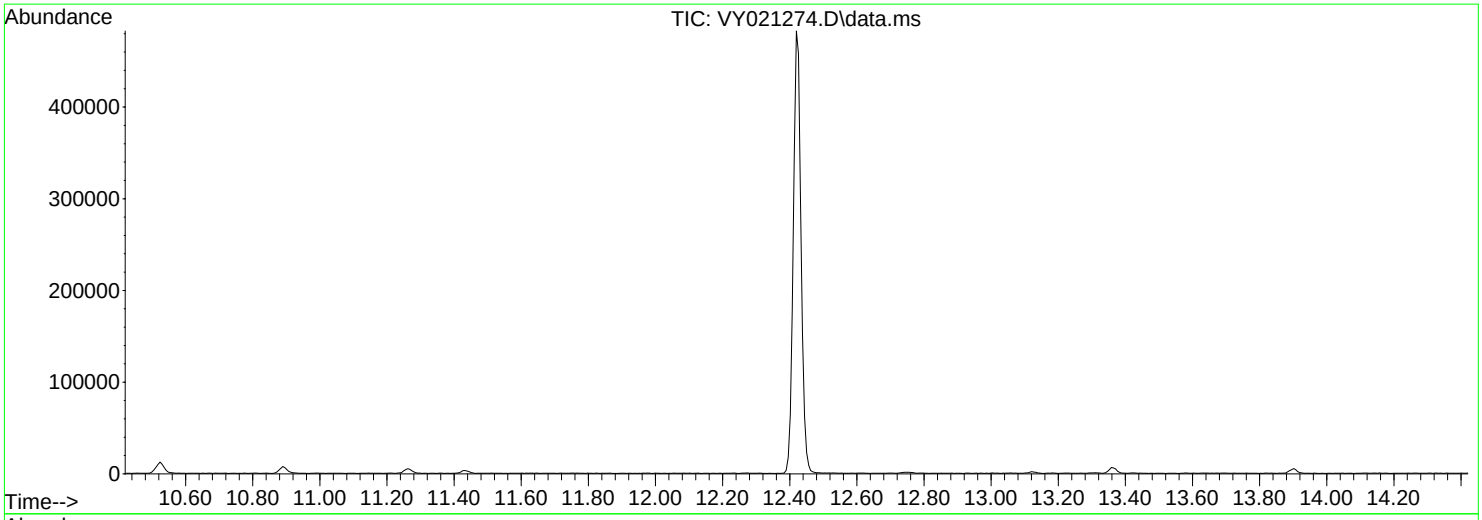
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.3	17983	PASS
75	95	30	60	49.0	57469	PASS
95	95	100	100	100.0	117333	PASS
96	95	5	9	6.6	7767	PASS
173	174	0.00	2	0.4	390	PASS
174	95	50	100	89.7	105227	PASS
175	174	5	9	7.8	8179	PASS
176	174	95	101	97.0	102091	PASS
177	176	5	9	6.8	6972	PASS

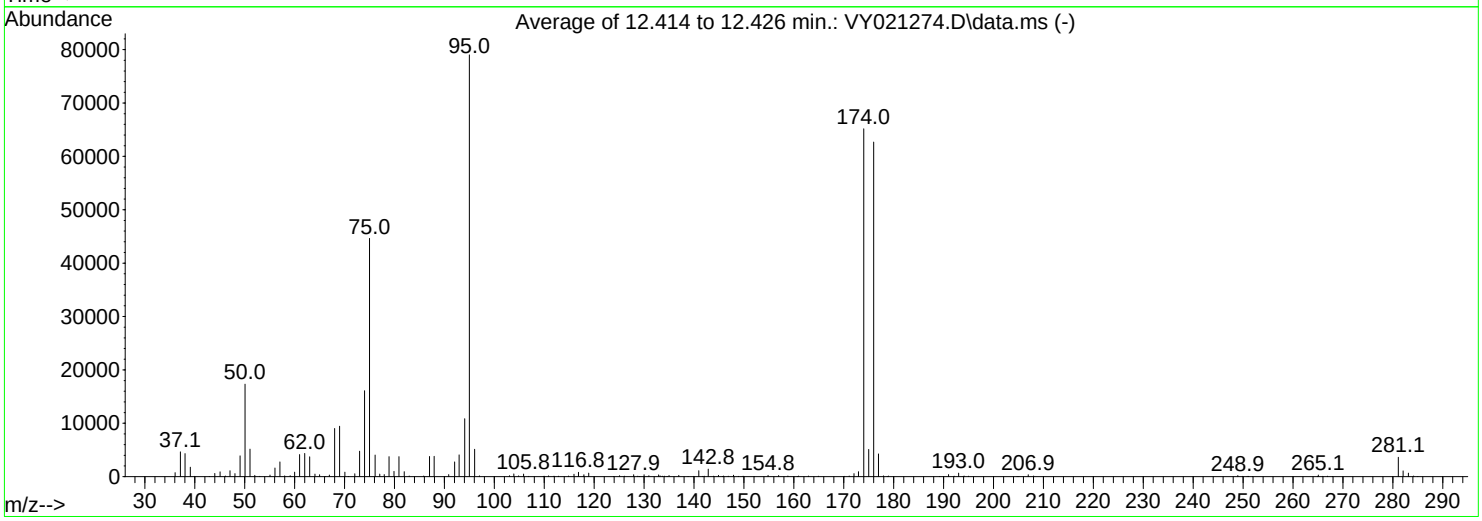
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021274.D
Acq On : 21 Feb 2025 09:06
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Title : SW846 8260
Last Update : Mon Feb 03 13:08:38 2025





AutoFind: Scans 1754, 1755, 1756; Background Corrected with Scan 1746

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.9	17327	PASS
75	95	30	60	56.5	44635	PASS
95	95	100	100	100.0	79024	PASS
96	95	5	9	6.5	5136	PASS
173	174	0.00	2	1.5	945	PASS
174	95	50	100	82.5	65171	PASS
175	174	5	9	7.8	5106	PASS
176	174	95	101	96.2	62675	PASS
177	176	5	9	6.8	4255	PASS

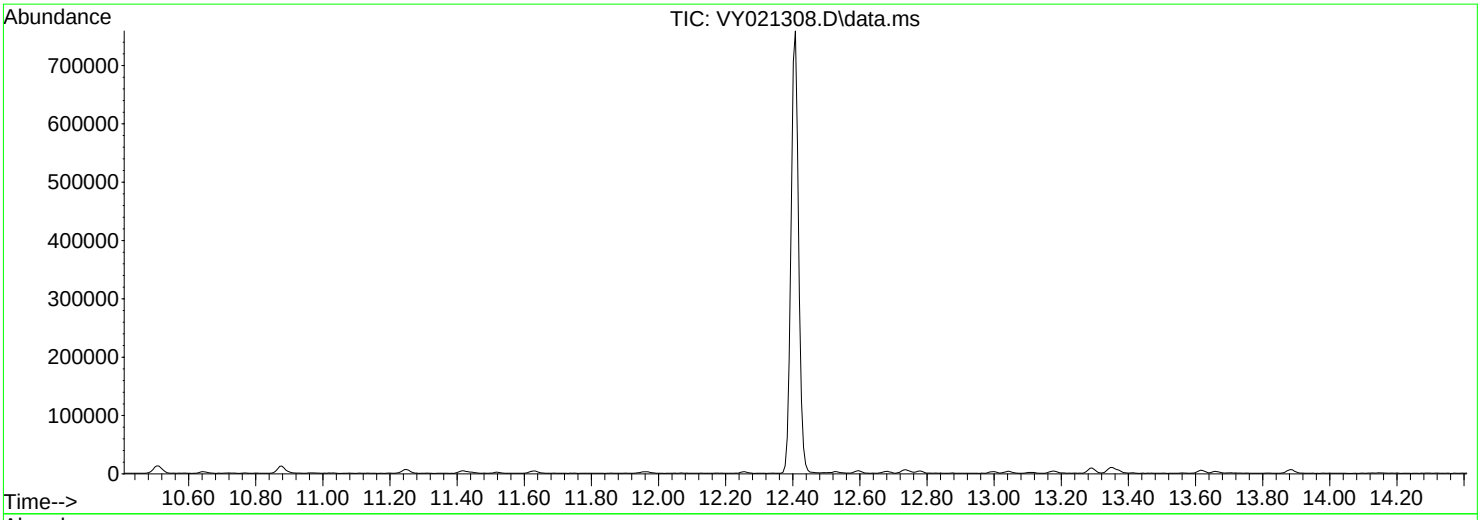
Sample Results: **VY021308.D**

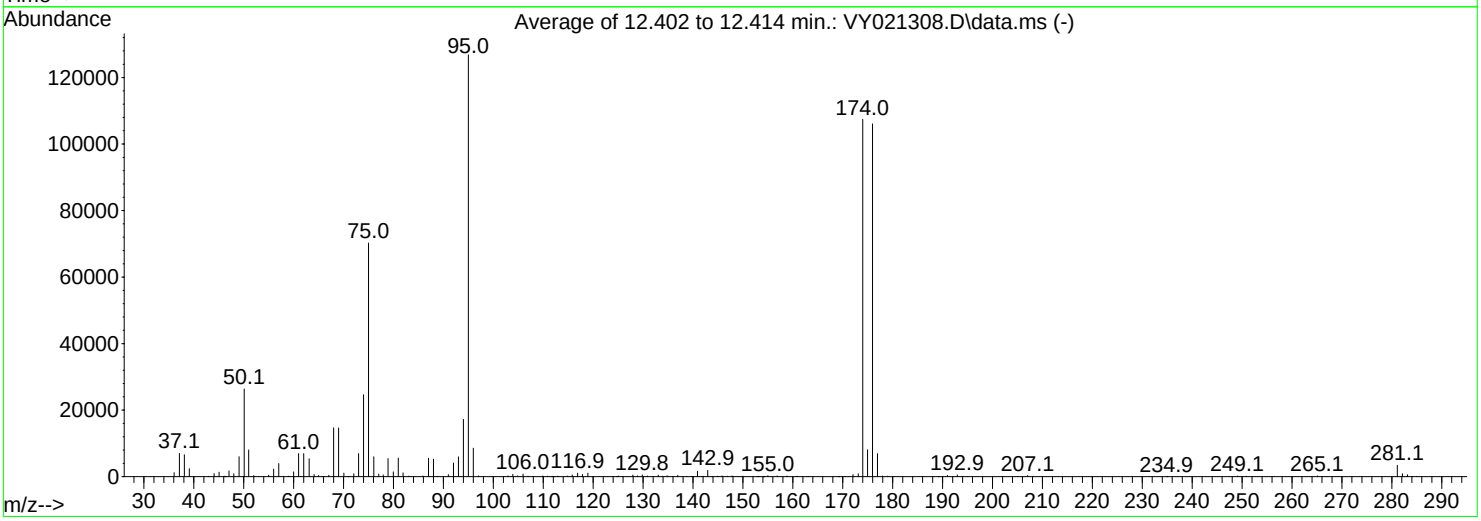
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021308.D
Acq On : 25 Feb 2025 12:10
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Title : SW846 8260
Last Update : Wed Feb 26 02:09:13 2025





AutoFind: Scans 1752, 1753, 1754; Background Corrected with Scan 1744

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.8	26379	PASS
75	95	30	60	55.4	70224	PASS
95	95	100	100	100.0	126829	PASS
96	95	5	9	6.7	8546	PASS
173	174	0.00	2	0.8	855	PASS
174	95	50	100	84.7	107419	PASS
175	174	5	9	7.5	8085	PASS
176	174	95	101	98.8	106077	PASS
177	176	5	9	6.5	6929	PASS

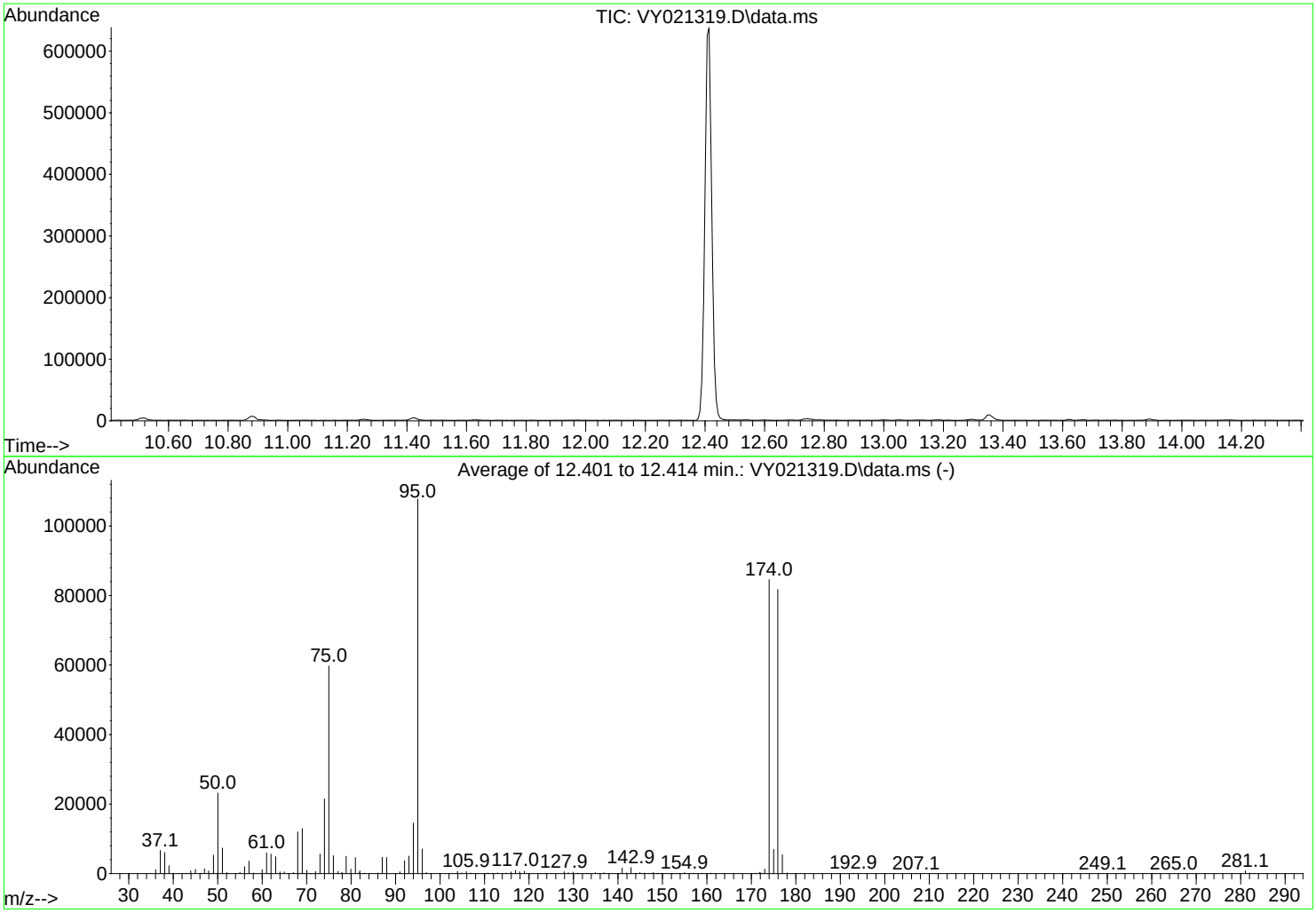
Sample Results: **VY021319.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021319.D
Acq On : 26 Feb 2025 09:12
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Title : SW846 8260
Last Update : Wed Feb 26 02:09:13 2025



AutoFind: Scans 1752, 1753, 1754; Background Corrected with Scan 1745

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.5	23171	PASS
75	95	30	60	55.4	59717	PASS
95	95	100	100	100.0	107776	PASS
96	95	5	9	6.6	7086	PASS
173	174	0.00	2	1.5	1306	PASS
174	95	50	100	78.5	84589	PASS
175	174	5	9	8.3	7013	PASS
176	174	95	101	96.7	81784	PASS
177	176	5	9	6.7	5470	PASS

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Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	
Project:	Raymark Superfund Site	Date Received:	
Client Sample ID:	VY0221SBL01	SDG No.:	Q1383
Lab Sample ID:	VY0221SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021276.D	1		02/21/25 11:12	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0040	U	0.0017	0.0040	0.0050	mg/Kg
74-87-3	Chloromethane	0.0025	U	0.0012	0.0025	0.0050	mg/Kg
75-01-4	Vinyl Chloride	0.0025	U	0.00077	0.0025	0.0050	mg/Kg
74-83-9	Bromomethane	0.0040	U	0.0010	0.0040	0.0050	mg/Kg
75-00-3	Chloroethane	0.0025	U	0.0010	0.0025	0.0050	mg/Kg
109-99-9	Tetrahydrofuran	0.013	U	0.0052	0.013	0.025	mg/Kg
75-69-4	Trichlorofluoromethane	0.0040	U	0.00091	0.0040	0.0050	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0025	U	0.0011	0.0025	0.0050	mg/Kg
75-35-4	1,1-Dichloroethene	0.0025	U	0.00078	0.0025	0.0050	mg/Kg
107-13-1	Acrylonitrile	0.013	U	0.0050	0.013	0.025	mg/Kg
67-64-1	Acetone	0.020	U	0.0062	0.020	0.025	mg/Kg
75-15-0	Carbon Disulfide	0.0040	U	0.0013	0.0040	0.0050	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
75-09-2	Methylene Chloride	0.0080	U	0.0034	0.0080	0.010	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0025	U	0.00084	0.0025	0.0050	mg/Kg
75-34-3	1,1-Dichloroethane	0.0025	U	0.00063	0.0025	0.0050	mg/Kg
78-93-3	2-Butanone	0.020	U	0.0057	0.020	0.025	mg/Kg
56-23-5	Carbon Tetrachloride	0.0025	U	0.00087	0.0025	0.0050	mg/Kg
594-20-7	2,2-Dichloropropane	0.0040	U	0.0016	0.0040	0.0050	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0025	U	0.00061	0.0025	0.0050	mg/Kg
67-66-3	Chloroform	0.0040	U	0.00067	0.0040	0.0050	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0025	U	0.00078	0.0025	0.0050	mg/Kg
563-58-6	1,1-Dichloropropene	0.0025	U	0.00073	0.0025	0.0050	mg/Kg
71-43-2	Benzene	0.0025	U	0.00072	0.0025	0.0050	mg/Kg
107-06-2	1,2-Dichloroethane	0.0025	U	0.00061	0.0025	0.0050	mg/Kg
79-01-6	Trichloroethene	0.0025	U	0.00075	0.0025	0.0050	mg/Kg
78-87-5	1,2-Dichloropropane	0.0025	U	0.00066	0.0025	0.0050	mg/Kg
74-95-3	Dibromomethane	0.0025	U	0.00062	0.0025	0.0050	mg/Kg
75-27-4	Bromodichloromethane	0.0025	U	0.00056	0.0025	0.0050	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.013	U	0.0044	0.013	0.025	mg/Kg

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Report of Analysis

Client:	Nobis Group	Date Collected:	
Project:	Raymark Superfund Site	Date Received:	
Client Sample ID:	VY0221SBL01	SDG No.:	Q1383
Lab Sample ID:	VY0221SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021276.D	1		02/21/25 11:12	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0025	U	0.00060	0.0025	0.0050	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0025	U	0.00057	0.0025	0.0050	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0025	U	0.00084	0.0025	0.0050	mg/Kg
142-28-9	1,3-Dichloropropane	0.0025	U	0.00059	0.0025	0.0050	mg/Kg
591-78-6	2-Hexanone	0.013	U	0.0048	0.013	0.025	mg/Kg
124-48-1	Dibromochloromethane	0.0025	U	0.00065	0.0025	0.0050	mg/Kg
106-93-4	1,2-Dibromoethane	0.0025	U	0.00079	0.0025	0.0050	mg/Kg
127-18-4	Tetrachloroethene	0.0025	U	0.00089	0.0025	0.0050	mg/Kg
108-90-7	Chlorobenzene	0.0025	U	0.00074	0.0025	0.0050	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0025	U	0.00064	0.0025	0.0050	mg/Kg
100-41-4	Ethyl Benzene	0.0025	U	0.00062	0.0025	0.0050	mg/Kg
179601-23-1	m/p-Xylenes	0.0050	U	0.0014	0.0050	0.010	mg/Kg
1330-20-7	Total Xylenes	0.0075	U	0.0021	0.0075	0.015	mg/Kg
95-47-6	o-Xylene	0.0025	U	0.00070	0.0025	0.0050	mg/Kg
100-42-5	Styrene	0.0025	U	0.00060	0.0025	0.0050	mg/Kg
75-25-2	Bromoform	0.0025	U	0.00081	0.0025	0.0050	mg/Kg
98-82-8	Isopropylbenzene	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0025	U	0.0011	0.0025	0.0050	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0040	U	0.0012	0.0040	0.0050	mg/Kg
108-86-1	Bromobenzene	0.0025	U	0.00065	0.0025	0.0050	mg/Kg
103-65-1	n-propylbenzene	0.0025	U	0.00064	0.0025	0.0050	mg/Kg
95-49-8	2-Chlorotoluene	0.0025	U	0.00062	0.0025	0.0050	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0025	U	0.00064	0.0025	0.0050	mg/Kg
106-43-4	4-Chlorotoluene	0.0025	U	0.00059	0.0025	0.0050	mg/Kg
98-06-6	tert-Butylbenzene	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0025	U	0.0014	0.0025	0.0050	mg/Kg
135-98-8	sec-Butylbenzene	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
99-87-6	p-Isopropyltoluene	0.0025	U	0.00058	0.0025	0.0050	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0025	U	0.00074	0.0025	0.0050	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0025	U	0.00080	0.0025	0.0050	mg/Kg

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Report of Analysis

Client:	Nobis Group	Date Collected:	
Project:	Raymark Superfund Site	Date Received:	
Client Sample ID:	VY0221SBL01	SDG No.:	Q1383
Lab Sample ID:	VY0221SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021276.D	1		02/21/25 11:12	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0025	U	0.00063	0.0025	0.0050	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0025	U	0.00059	0.0025	0.0050	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0040	U	0.0016	0.0040	0.0050	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0025	U	0.00079	0.0025	0.0050	mg/Kg
87-68-3	Hexachlorobutadiene	0.0025	U	0.00081	0.0025	0.0050	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0025	U	0.00078	0.0025	0.0050	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0025	U	0.00080	0.0025	0.0050	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	56.5		71 - 136		113%	SPK: 50
1868-53-7	Dibromofluoromethane	50.6		78 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	50.7		85 - 116		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.7		79 - 119		91%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	173000	7.719				
540-36-3	1,4-Difluorobenzene	333000	8.622				
3114-55-4	Chlorobenzene-d5	303000	11.426				
3855-82-1	1,4-Dichlorobenzene-d4	108000	13.352				

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_Y\Data\VY022125\
Data File : VY021276.D
Acq On : 21 Feb 2025 11:12
Operator : SY/MD
Sample : VY0221SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBL01

Quant Time: Feb 21 23:04:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

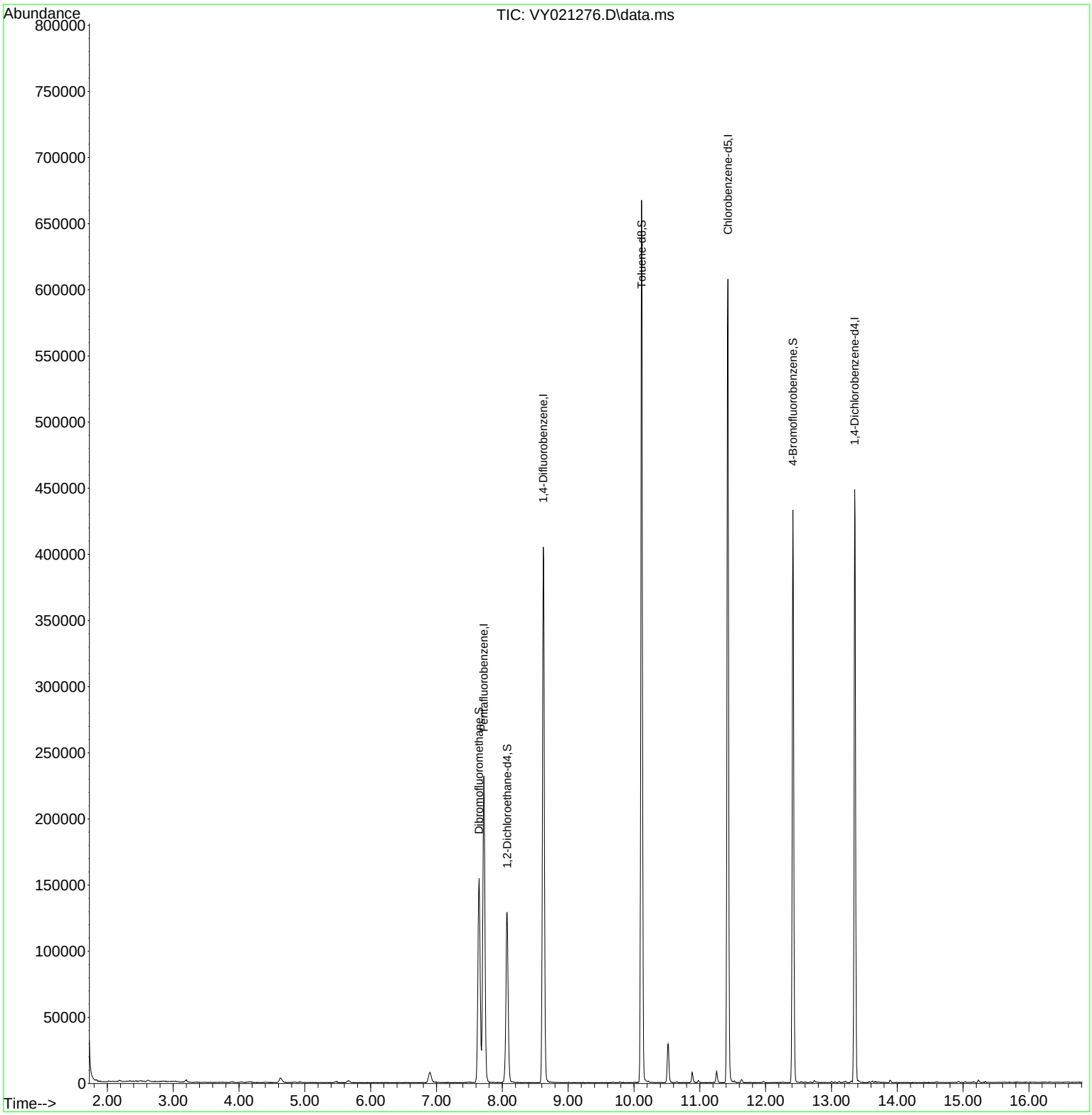
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.719	168	172979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	332665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	302645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	107899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	100137	56.501	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.000%			
35) Dibromofluoromethane	7.646	113	107788	50.559	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.120%			
50) Toluene-d8	10.115	98	411879	50.746	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.500%			
62) 4-Bromofluorobenzene	12.414	95	121264	45.732	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 91.460%			
Target Compounds						Qvalue

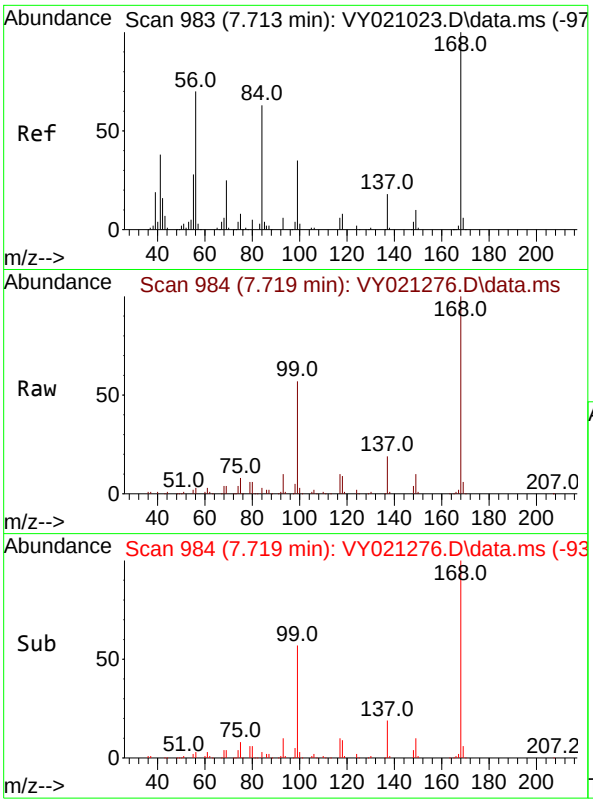
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021276.D
Acq On : 21 Feb 2025 11:12
Operator : SY/MD
Sample : VY0221SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBL01

Quant Time: Feb 21 23:04:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration



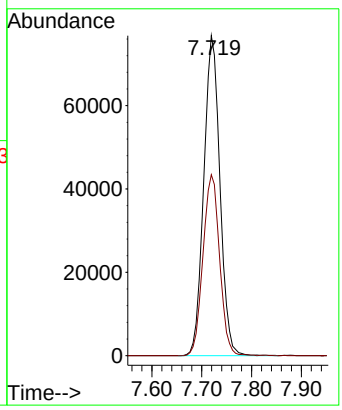


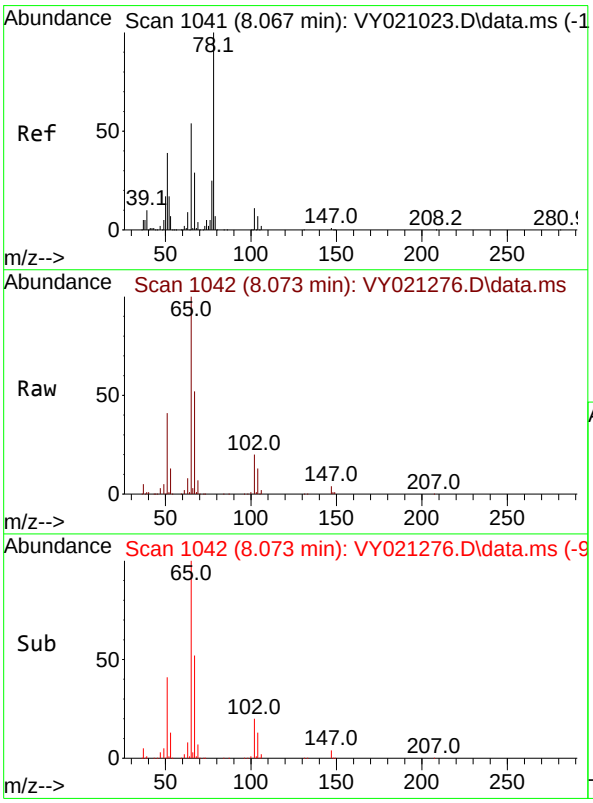
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021276.D
Acq: 21 Feb 2025 11:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBL01

Tgt Ion:168 Resp: 172979

Ion	Ratio	Lower	Upper
168	100		
99	56.5	44.2	66.4

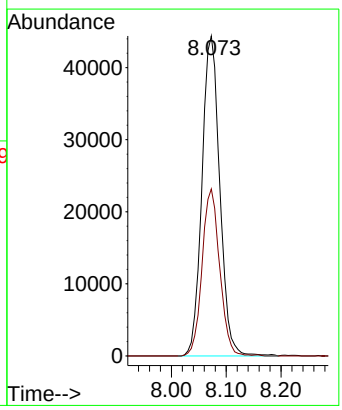


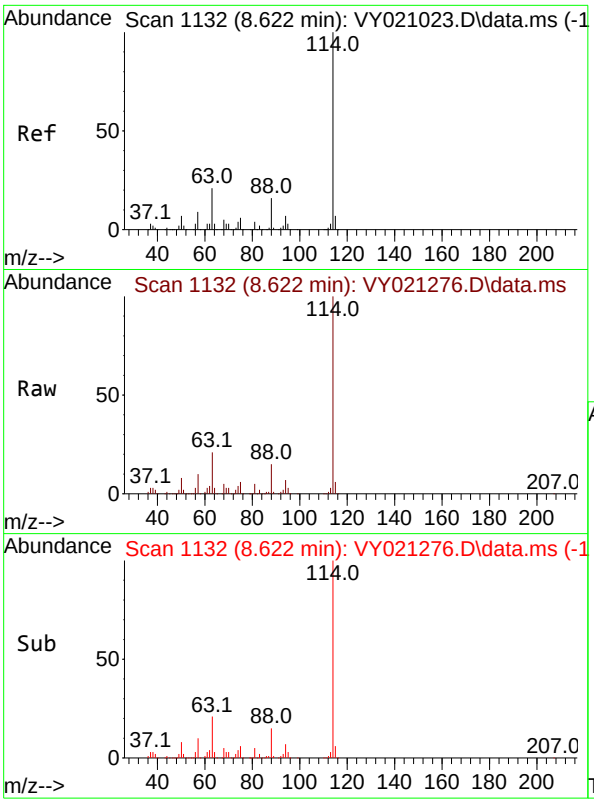


#33
1,2-Dichloroethane-d4
Concen: 56.501 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021276.D
Acq: 21 Feb 2025 11:12

Tgt Ion: 65 Resp: 100137

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	109.0



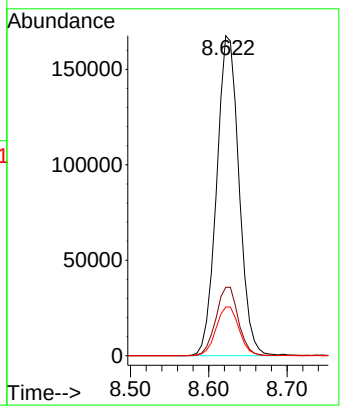


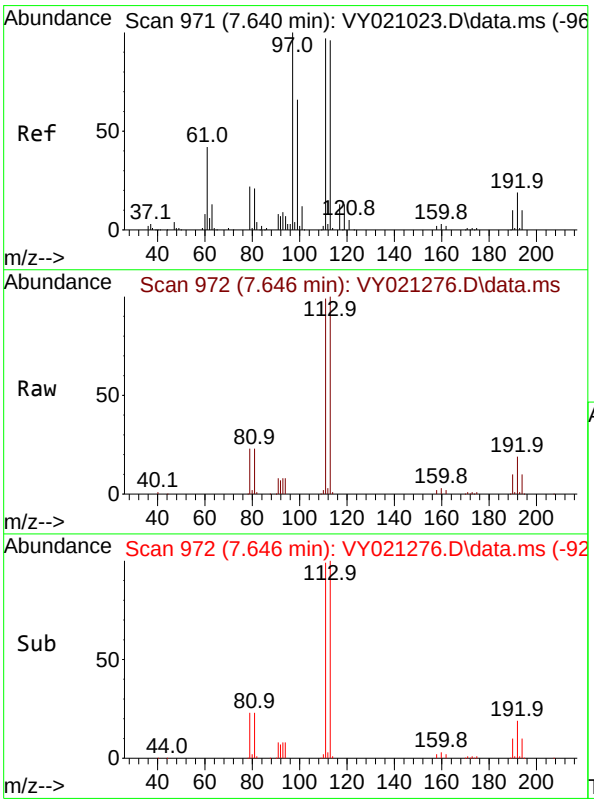
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021276.D
Acq: 21 Feb 2025 11:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBL01

Tgt Ion:114 Resp: 332665

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	37.4
88	15.2	0.0	29.0

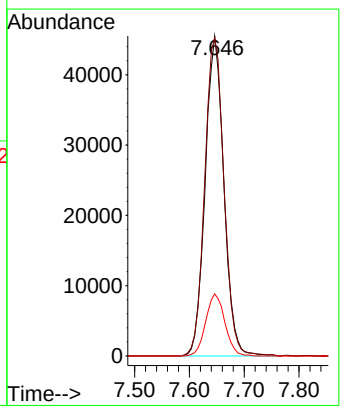


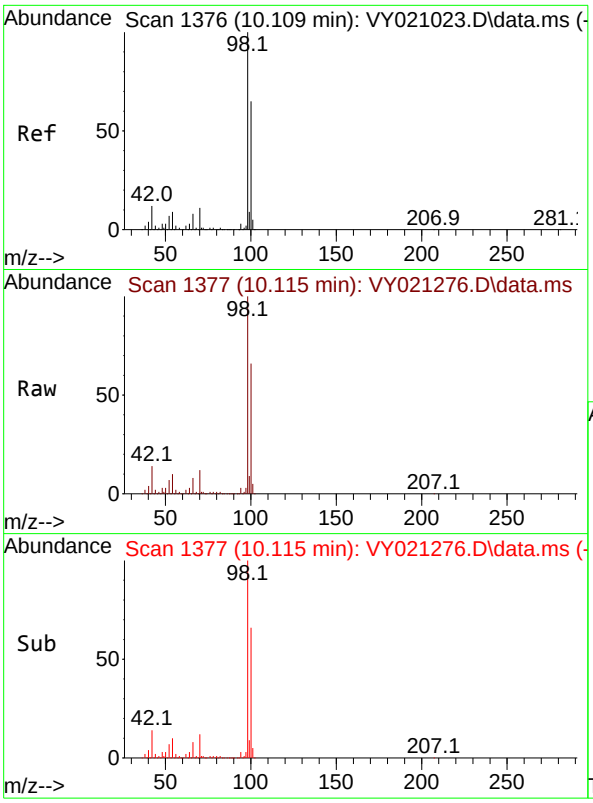


#35
Dibromofluoromethane
Concen: 50.559 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.006 min
Lab File: VY021276.D
Acq: 21 Feb 2025 11:12

Tgt Ion:113 Resp: 107788

Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.8	125.6
192	19.8	14.5	21.7



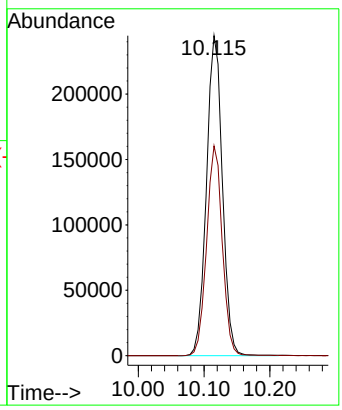


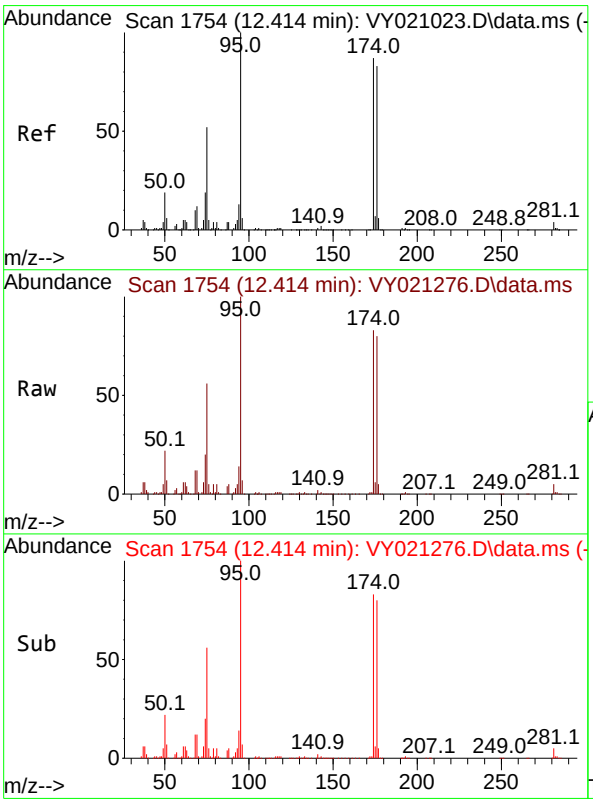
#50
Toluene-d8
Concen: 50.746 ug/l
RT: 10.115 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021276.D
Acq: 21 Feb 2025 11:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBL01

Tgt Ion: 98 Resp: 411879

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.3	78.5

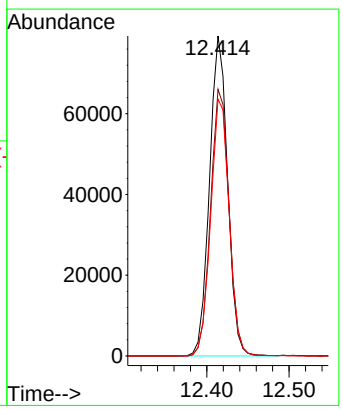


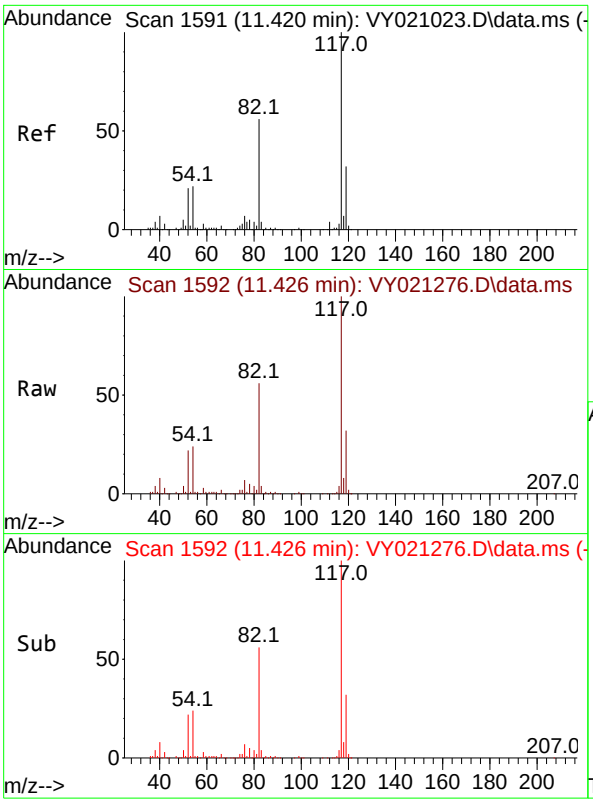


#62
4-Bromofluorobenzene
Concen: 45.732 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021276.D
Acq: 21 Feb 2025 11:12

Tgt Ion: 95 Resp: 121264

Ion	Ratio	Lower	Upper
95	100		
174	85.0	0.0	160.0
176	82.1	0.0	151.8



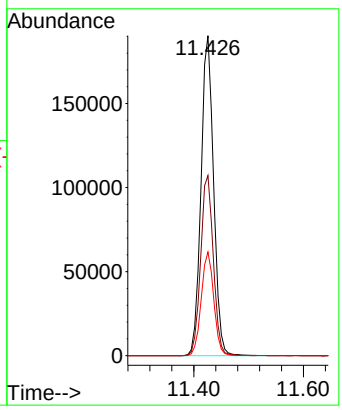


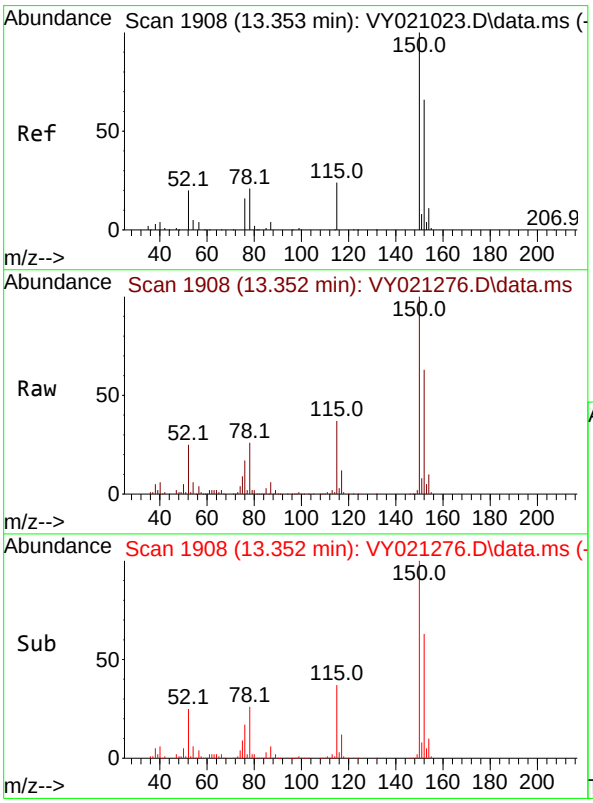
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021276.D
Acq: 21 Feb 2025 11:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBL01

Tgt Ion:117 Resp: 302645

Ion	Ratio	Lower	Upper
117	100		
82	56.3	43.8	65.8
119	32.4	26.5	39.7

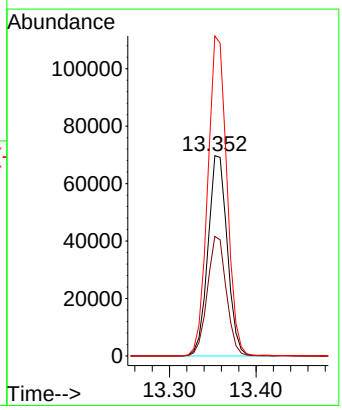




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021276.D
Acq: 21 Feb 2025 11:12

Tgt Ion:152 Resp: 107899

Ion	Ratio	Lower	Upper
152	100		
115	58.8	30.0	90.0
150	158.8	0.0	344.6



Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	
Project:	Raymark Superfund Site	Date Received:	
Client Sample ID:	VY0226SBL01	SDG No.:	Q1383
Lab Sample ID:	VY0226SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021321.D	1		02/26/25 10:50	VY022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0040	U	0.0017	0.0040	0.0050	mg/Kg
74-87-3	Chloromethane	0.0025	U	0.0012	0.0025	0.0050	mg/Kg
75-01-4	Vinyl Chloride	0.0025	U	0.00077	0.0025	0.0050	mg/Kg
74-83-9	Bromomethane	0.0040	U	0.0010	0.0040	0.0050	mg/Kg
75-00-3	Chloroethane	0.0025	U	0.0010	0.0025	0.0050	mg/Kg
109-99-9	Tetrahydrofuran	0.013	U	0.0052	0.013	0.025	mg/Kg
75-69-4	Trichlorofluoromethane	0.0040	U	0.00091	0.0040	0.0050	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0025	U	0.0011	0.0025	0.0050	mg/Kg
75-35-4	1,1-Dichloroethene	0.0025	U	0.00078	0.0025	0.0050	mg/Kg
107-13-1	Acrylonitrile	0.013	U	0.0050	0.013	0.025	mg/Kg
67-64-1	Acetone	0.020	U	0.0062	0.020	0.025	mg/Kg
75-15-0	Carbon Disulfide	0.0040	U	0.0013	0.0040	0.0050	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
75-09-2	Methylene Chloride	0.0080	U	0.0034	0.0080	0.010	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0025	U	0.00084	0.0025	0.0050	mg/Kg
75-34-3	1,1-Dichloroethane	0.0025	U	0.00063	0.0025	0.0050	mg/Kg
78-93-3	2-Butanone	0.020	U	0.0057	0.020	0.025	mg/Kg
56-23-5	Carbon Tetrachloride	0.0025	U	0.00087	0.0025	0.0050	mg/Kg
594-20-7	2,2-Dichloropropane	0.0040	U	0.0016	0.0040	0.0050	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0025	U	0.00061	0.0025	0.0050	mg/Kg
67-66-3	Chloroform	0.0040	U	0.00067	0.0040	0.0050	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0025	U	0.00078	0.0025	0.0050	mg/Kg
563-58-6	1,1-Dichloropropene	0.0025	U	0.00073	0.0025	0.0050	mg/Kg
71-43-2	Benzene	0.0025	U	0.00072	0.0025	0.0050	mg/Kg
107-06-2	1,2-Dichloroethane	0.0025	U	0.00061	0.0025	0.0050	mg/Kg
79-01-6	Trichloroethene	0.0025	U	0.00075	0.0025	0.0050	mg/Kg
78-87-5	1,2-Dichloropropane	0.0025	U	0.00066	0.0025	0.0050	mg/Kg
74-95-3	Dibromomethane	0.0025	U	0.00062	0.0025	0.0050	mg/Kg
75-27-4	Bromodichloromethane	0.0025	U	0.00056	0.0025	0.0050	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.013	U	0.0044	0.013	0.025	mg/Kg

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Report of Analysis

Client:	Nobis Group	Date Collected:	
Project:	Raymark Superfund Site	Date Received:	
Client Sample ID:	VY0226SBL01	SDG No.:	Q1383
Lab Sample ID:	VY0226SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021321.D	1		02/26/25 10:50	VY022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0025	U	0.00060	0.0025	0.0050	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0025	U	0.00057	0.0025	0.0050	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0025	U	0.00084	0.0025	0.0050	mg/Kg
142-28-9	1,3-Dichloropropane	0.0025	U	0.00059	0.0025	0.0050	mg/Kg
591-78-6	2-Hexanone	0.013	U	0.0048	0.013	0.025	mg/Kg
124-48-1	Dibromochloromethane	0.0025	U	0.00065	0.0025	0.0050	mg/Kg
106-93-4	1,2-Dibromoethane	0.0025	U	0.00079	0.0025	0.0050	mg/Kg
127-18-4	Tetrachloroethene	0.0025	U	0.00089	0.0025	0.0050	mg/Kg
108-90-7	Chlorobenzene	0.0025	U	0.00074	0.0025	0.0050	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0025	U	0.00064	0.0025	0.0050	mg/Kg
100-41-4	Ethyl Benzene	0.0025	U	0.00062	0.0025	0.0050	mg/Kg
179601-23-1	m/p-Xylenes	0.0050	U	0.0014	0.0050	0.010	mg/Kg
1330-20-7	Total Xylenes	0.0075	U	0.0021	0.0075	0.015	mg/Kg
95-47-6	o-Xylene	0.0025	U	0.00070	0.0025	0.0050	mg/Kg
100-42-5	Styrene	0.0025	U	0.00060	0.0025	0.0050	mg/Kg
75-25-2	Bromoform	0.0025	U	0.00081	0.0025	0.0050	mg/Kg
98-82-8	Isopropylbenzene	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0025	U	0.0011	0.0025	0.0050	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0040	U	0.0012	0.0040	0.0050	mg/Kg
108-86-1	Bromobenzene	0.0025	U	0.00065	0.0025	0.0050	mg/Kg
103-65-1	n-propylbenzene	0.0025	U	0.00064	0.0025	0.0050	mg/Kg
95-49-8	2-Chlorotoluene	0.0025	U	0.00062	0.0025	0.0050	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0025	U	0.00064	0.0025	0.0050	mg/Kg
106-43-4	4-Chlorotoluene	0.0025	U	0.00059	0.0025	0.0050	mg/Kg
98-06-6	tert-Butylbenzene	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0025	U	0.0014	0.0025	0.0050	mg/Kg
135-98-8	sec-Butylbenzene	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
99-87-6	p-Isopropyltoluene	0.0025	U	0.00058	0.0025	0.0050	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0025	U	0.00074	0.0025	0.0050	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0025	U	0.00080	0.0025	0.0050	mg/Kg

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Report of Analysis

Client:	Nobis Group	Date Collected:	
Project:	Raymark Superfund Site	Date Received:	
Client Sample ID:	VY0226SBL01	SDG No.:	Q1383
Lab Sample ID:	VY0226SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021321.D	1		02/26/25 10:50	VY022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0025	U	0.00063	0.0025	0.0050	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0025	U	0.00059	0.0025	0.0050	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0040	U	0.0016	0.0040	0.0050	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0025	U	0.00079	0.0025	0.0050	mg/Kg
87-68-3	Hexachlorobutadiene	0.0025	U	0.00081	0.0025	0.0050	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0025	U	0.00078	0.0025	0.0050	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0025	U	0.00080	0.0025	0.0050	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	53.1		71 - 136		106%	SPK: 50
1868-53-7	Dibromofluoromethane	49.5		78 - 119		99%	SPK: 50
2037-26-5	Toluene-d8	49.1		85 - 116		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.1		79 - 119		100%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	251000	7.713				
540-36-3	1,4-Difluorobenzene	484000	8.615				
3114-55-4	Chlorobenzene-d5	470000	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	192000	13.346				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021321.D
Acq On : 26 Feb 2025 10:50
Operator : SY/MD
Sample : VY0226SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBL01

Quant Time: Feb 27 00:34:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

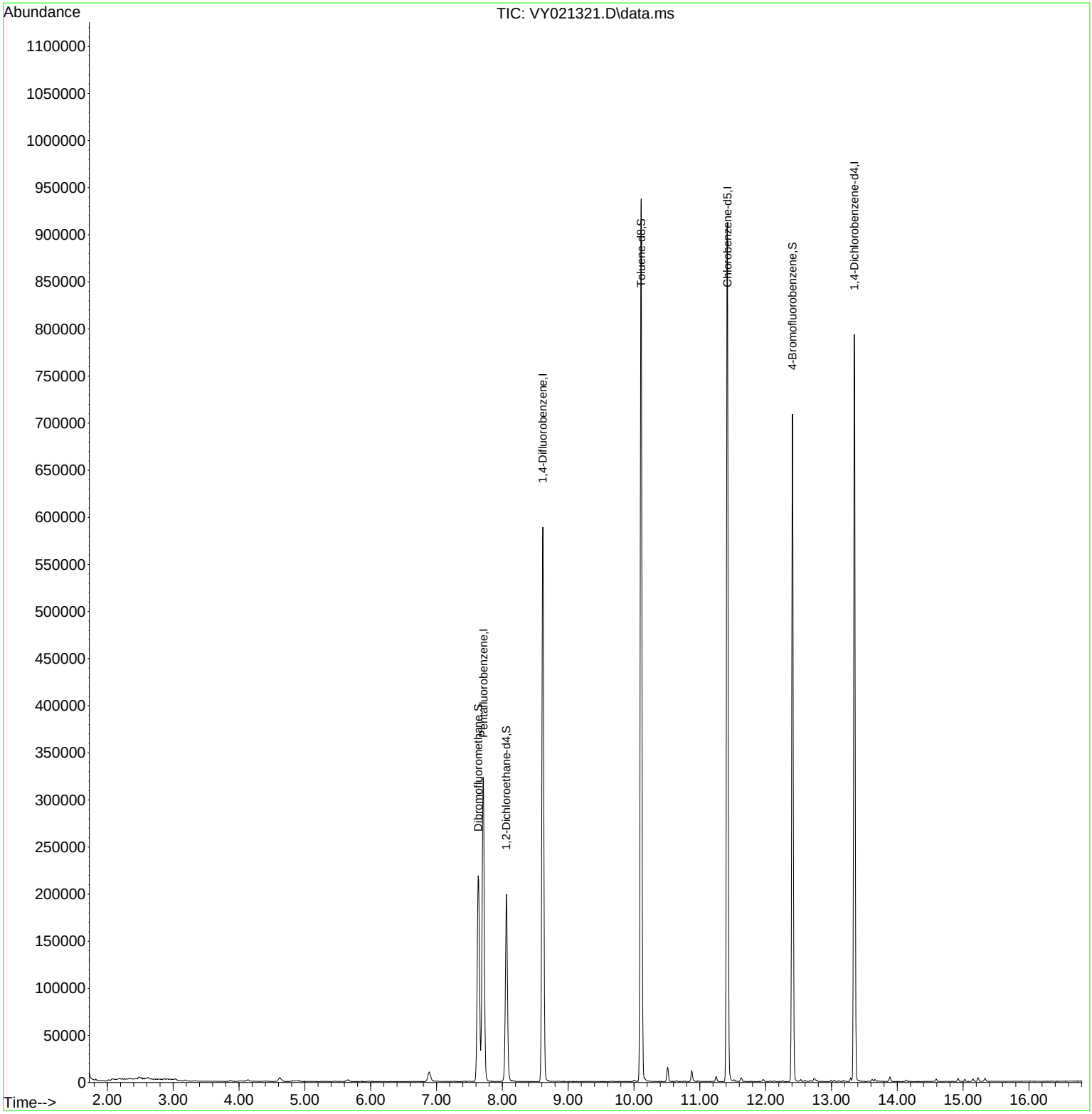
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	251129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	483695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	470141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	192201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	151228	53.084	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.160%			
35) Dibromofluoromethane	7.634	113	156988	49.505	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.020%			
50) Toluene-d8	10.109	98	601618	49.089	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.180%			
62) 4-Bromofluorobenzene	12.407	95	206622	50.096	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.200%			
Target Compounds						Qvalue

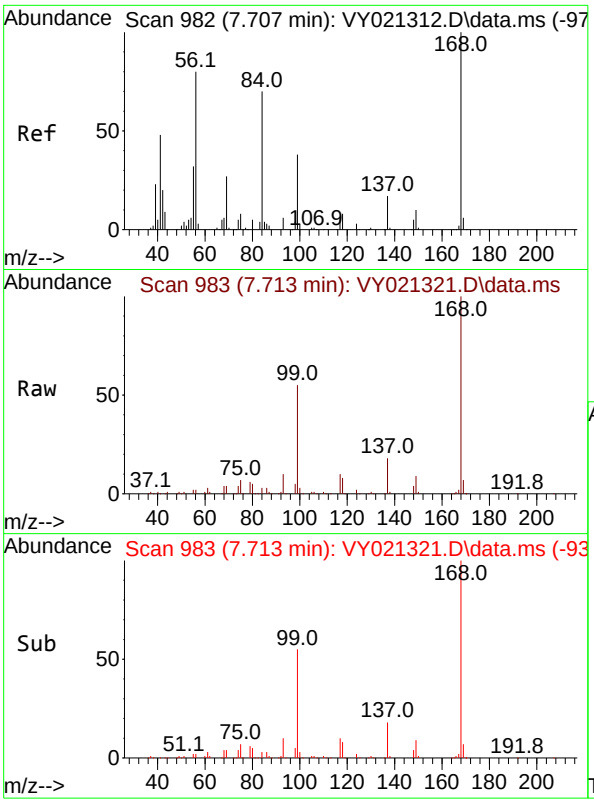
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021321.D
Acq On : 26 Feb 2025 10:50
Operator : SY/MD
Sample : VY0226SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBL01

Quant Time: Feb 27 00:34:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration



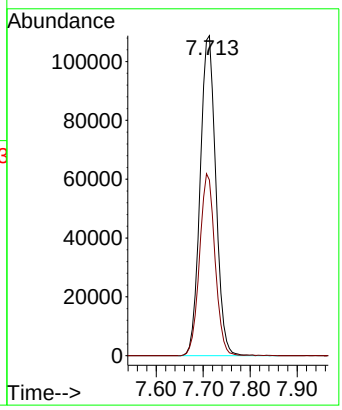


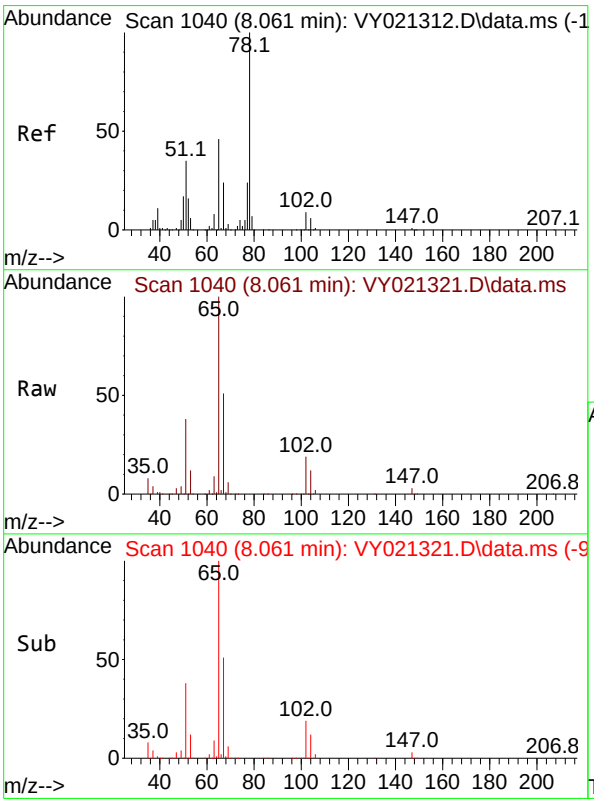
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021321.D
Acq: 26 Feb 2025 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBL01

Tgt Ion:168 Resp: 251129

Ion	Ratio	Lower	Upper
168	100		
99	54.9	47.1	70.7

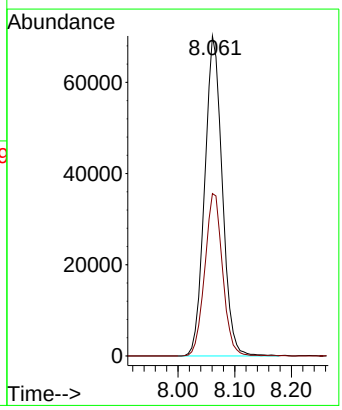


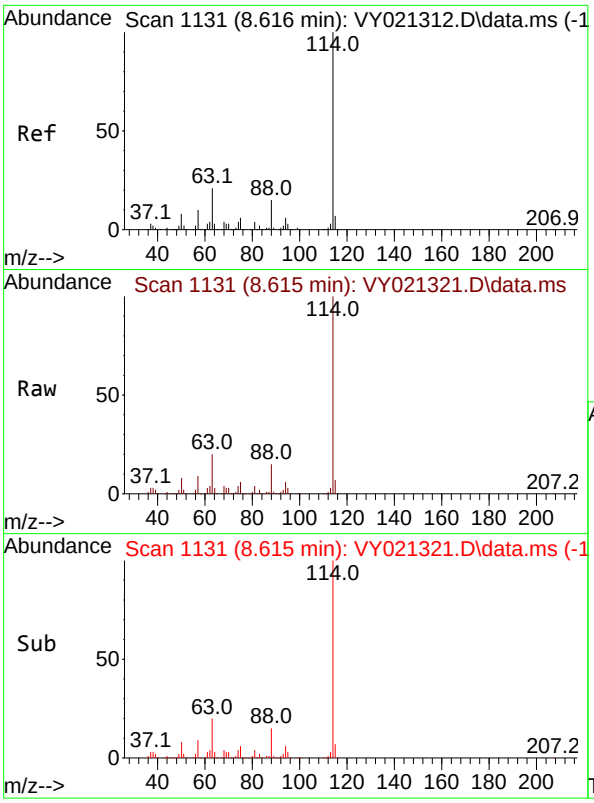


#33
1,2-Dichloroethane-d4
Concen: 53.084 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY021321.D
Acq: 26 Feb 2025 10:50

Tgt Ion: 65 Resp: 151228

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	103.6



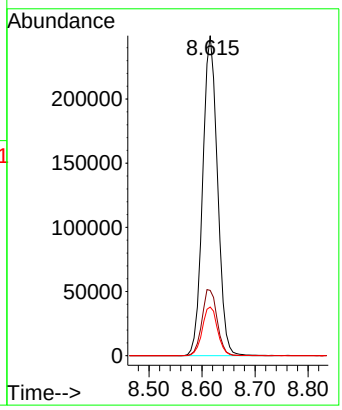


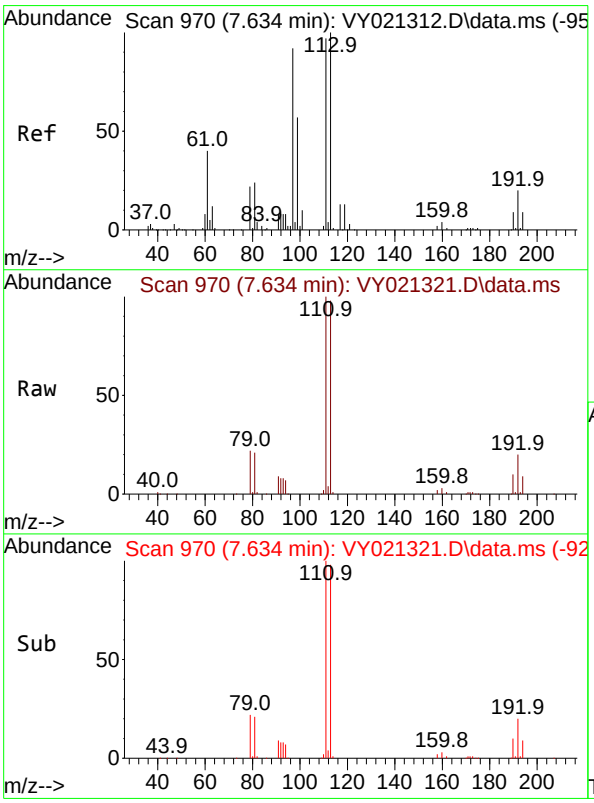
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021321.D
Acq: 26 Feb 2025 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBL01

Tgt Ion:114 Resp: 483695

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.2
88	15.2	0.0	29.8

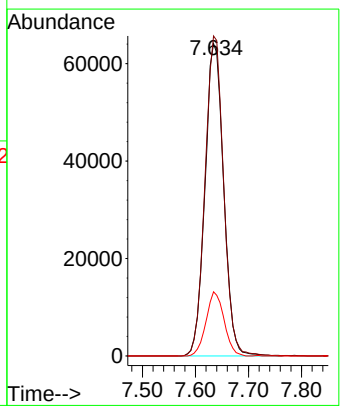


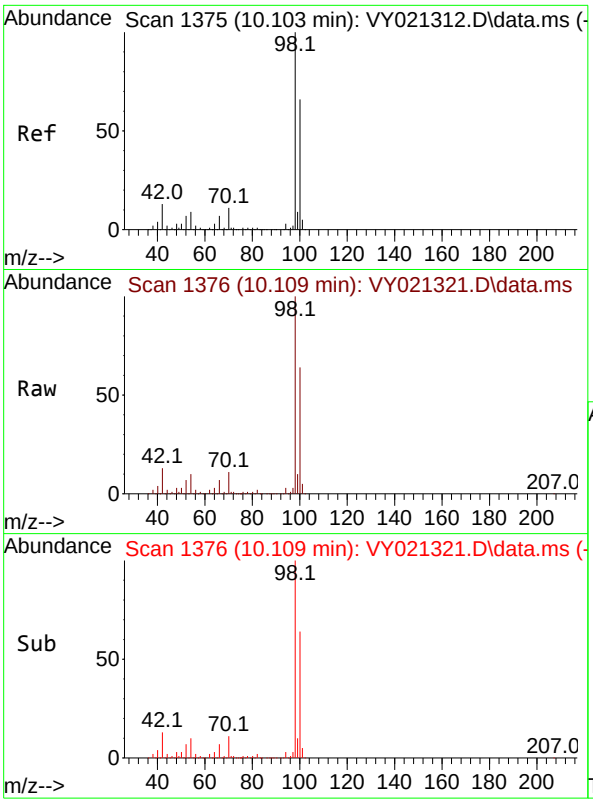


#35
Dibromofluoromethane
Concen: 49.505 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY021321.D
Acq: 26 Feb 2025 10:50

Tgt Ion:113 Resp: 156988

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.0	121.6
192	19.8	15.8	23.8



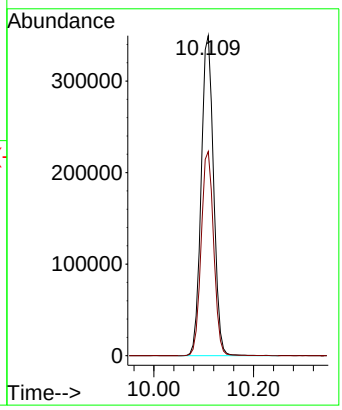


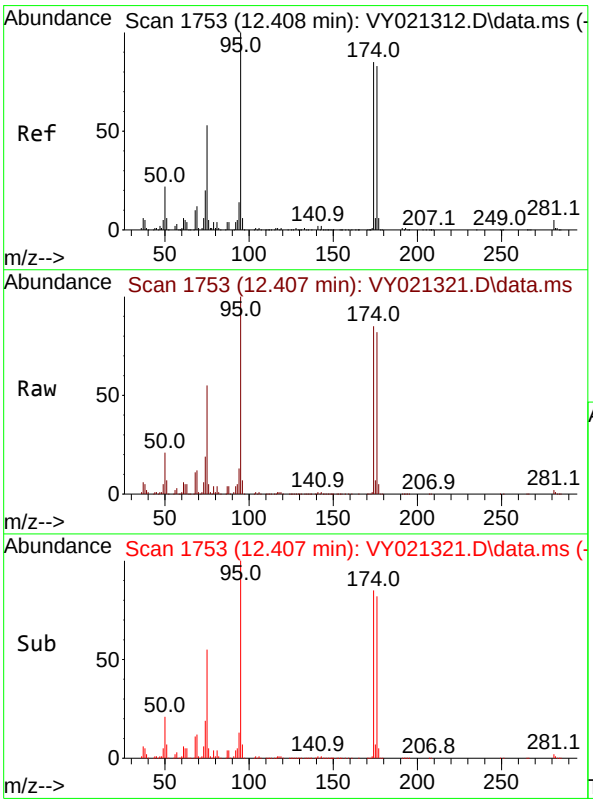
#50
Toluene-d8
Concen: 49.089 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021321.D
Acq: 26 Feb 2025 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBL01

Tgt Ion: 98 Resp: 601618

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.4	78.6

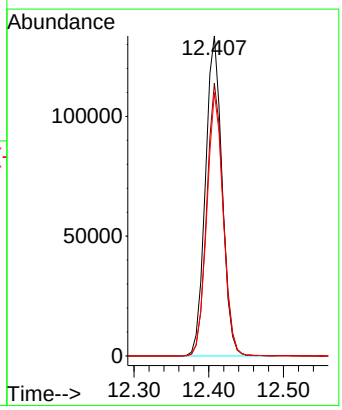


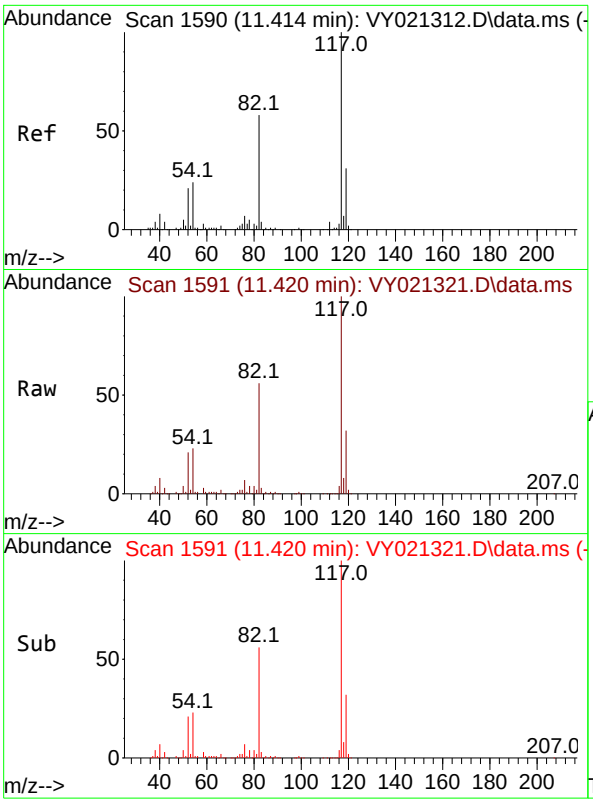


#62
4-Bromofluorobenzene
Concen: 50.096 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021321.D
Acq: 26 Feb 2025 10:50

Tgt Ion: 95 Resp: 206622

Ion	Ratio	Lower	Upper
95	100		
174	84.3	0.0	168.0
176	80.7	0.0	162.6



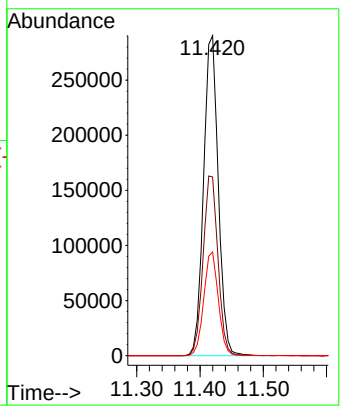


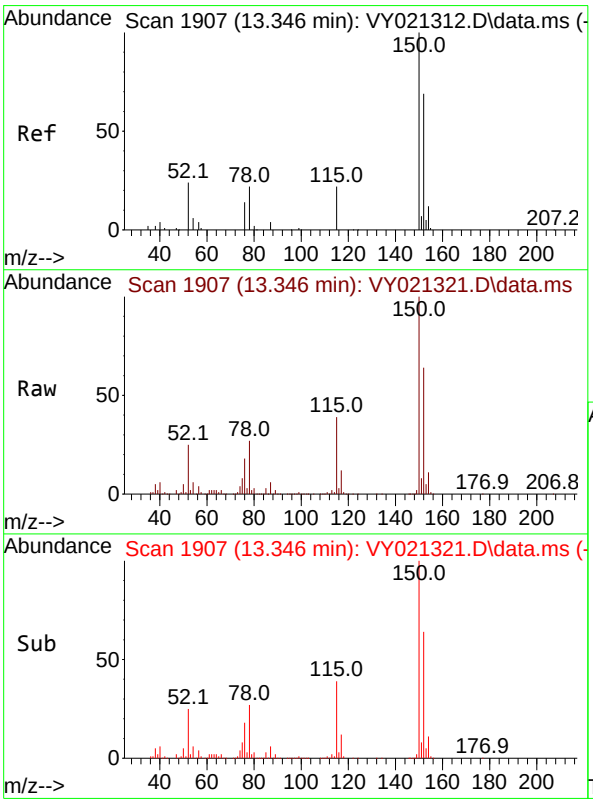
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021321.D
Acq: 26 Feb 2025 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBL01

Tgt Ion:117 Resp: 470141

Ion	Ratio	Lower	Upper
117	100		
82	55.8	46.2	69.4
119	32.4	24.9	37.3

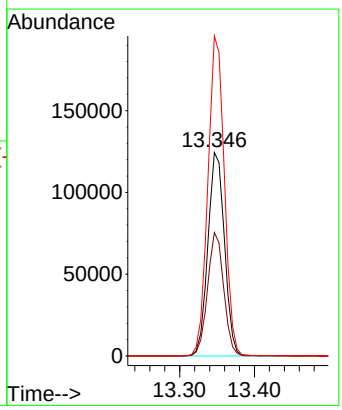




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY021321.D
Acq: 26 Feb 2025 10:50

Tgt Ion:152 Resp: 192201

Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.3	88.0
150	156.2	0.0	347.4



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

Report of Analysis

Client:	Nobis Group	Date Collected:	
Project:	Raymark Superfund Site	Date Received:	
Client Sample ID:	VY0221SBS01	SDG No.:	Q1383
Lab Sample ID:	VY0221SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021277.D	1		02/21/25 11:43	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.027		0.0017	0.0040	0.0050	mg/Kg
74-87-3	Chloromethane	0.030		0.0012	0.0025	0.0050	mg/Kg
75-01-4	Vinyl Chloride	0.028		0.00077	0.0025	0.0050	mg/Kg
74-83-9	Bromomethane	0.026		0.0010	0.0040	0.0050	mg/Kg
75-00-3	Chloroethane	0.028		0.0010	0.0025	0.0050	mg/Kg
109-99-9	Tetrahydrofuran	0.12		0.0052	0.013	0.025	mg/Kg
75-69-4	Trichlorofluoromethane	0.024		0.00091	0.0040	0.0050	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.023		0.0011	0.0025	0.0050	mg/Kg
75-35-4	1,1-Dichloroethene	0.023		0.00078	0.0025	0.0050	mg/Kg
107-13-1	Acrylonitrile	0.12		0.0050	0.013	0.025	mg/Kg
67-64-1	Acetone	0.12		0.0062	0.020	0.025	mg/Kg
75-15-0	Carbon Disulfide	0.024		0.0013	0.0040	0.0050	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.022		0.00067	0.0025	0.0050	mg/Kg
75-09-2	Methylene Chloride	0.025		0.0034	0.0080	0.010	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.023		0.00084	0.0025	0.0050	mg/Kg
75-34-3	1,1-Dichloroethane	0.023		0.00063	0.0025	0.0050	mg/Kg
78-93-3	2-Butanone	0.12		0.0057	0.020	0.025	mg/Kg
56-23-5	Carbon Tetrachloride	0.022		0.00087	0.0025	0.0050	mg/Kg
594-20-7	2,2-Dichloropropane	0.022		0.0016	0.0040	0.0050	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.022		0.00061	0.0025	0.0050	mg/Kg
67-66-3	Chloroform	0.023		0.00067	0.0040	0.0050	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.023		0.00078	0.0025	0.0050	mg/Kg
563-58-6	1,1-Dichloropropene	0.022		0.00073	0.0025	0.0050	mg/Kg
71-43-2	Benzene	0.022		0.00072	0.0025	0.0050	mg/Kg
107-06-2	1,2-Dichloroethane	0.023		0.00061	0.0025	0.0050	mg/Kg
79-01-6	Trichloroethene	0.021		0.00075	0.0025	0.0050	mg/Kg
78-87-5	1,2-Dichloropropane	0.023		0.00066	0.0025	0.0050	mg/Kg
74-95-3	Dibromomethane	0.022		0.00062	0.0025	0.0050	mg/Kg
75-27-4	Bromodichloromethane	0.022		0.00056	0.0025	0.0050	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.12		0.0044	0.013	0.025	mg/Kg

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

Report of Analysis

Client:	Nobis Group	Date Collected:	
Project:	Raymark Superfund Site	Date Received:	
Client Sample ID:	VY0221SBS01	SDG No.:	Q1383
Lab Sample ID:	VY0221SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021277.D	1		02/21/25 11:43	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.022		0.00067	0.0025	0.0050	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.022		0.00060	0.0025	0.0050	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.022		0.00057	0.0025	0.0050	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.022		0.00084	0.0025	0.0050	mg/Kg
142-28-9	1,3-Dichloropropane	0.022		0.00059	0.0025	0.0050	mg/Kg
591-78-6	2-Hexanone	0.12		0.0048	0.013	0.025	mg/Kg
124-48-1	Dibromochloromethane	0.021		0.00065	0.0025	0.0050	mg/Kg
106-93-4	1,2-Dibromoethane	0.022		0.00079	0.0025	0.0050	mg/Kg
127-18-4	Tetrachloroethene	0.021		0.00089	0.0025	0.0050	mg/Kg
108-90-7	Chlorobenzene	0.021		0.00074	0.0025	0.0050	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.021		0.00064	0.0025	0.0050	mg/Kg
100-41-4	Ethyl Benzene	0.021		0.00062	0.0025	0.0050	mg/Kg
179601-23-1	m/p-Xylenes	0.043		0.0014	0.0050	0.010	mg/Kg
1330-20-7	Total Xylenes	0.064		0.0021	0.0075	0.015	mg/Kg
95-47-6	o-Xylene	0.021		0.00070	0.0025	0.0050	mg/Kg
100-42-5	Styrene	0.022		0.00060	0.0025	0.0050	mg/Kg
75-25-2	Bromoform	0.022		0.00081	0.0025	0.0050	mg/Kg
98-82-8	Isopropylbenzene	0.020		0.00067	0.0025	0.0050	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.021		0.0011	0.0025	0.0050	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.019		0.0012	0.0040	0.0050	mg/Kg
108-86-1	Bromobenzene	0.020		0.00065	0.0025	0.0050	mg/Kg
103-65-1	n-propylbenzene	0.021		0.00064	0.0025	0.0050	mg/Kg
95-49-8	2-Chlorotoluene	0.020		0.00062	0.0025	0.0050	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.020		0.00064	0.0025	0.0050	mg/Kg
106-43-4	4-Chlorotoluene	0.020		0.00059	0.0025	0.0050	mg/Kg
98-06-6	tert-Butylbenzene	0.020		0.00067	0.0025	0.0050	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.021		0.0014	0.0025	0.0050	mg/Kg
135-98-8	sec-Butylbenzene	0.020		0.00067	0.0025	0.0050	mg/Kg
99-87-6	p-Isopropyltoluene	0.020		0.00058	0.0025	0.0050	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.020		0.00074	0.0025	0.0050	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.020		0.00080	0.0025	0.0050	mg/Kg

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

Report of Analysis

Client:	Nobis Group	Date Collected:	
Project:	Raymark Superfund Site	Date Received:	
Client Sample ID:	VY0221SBS01	SDG No.:	Q1383
Lab Sample ID:	VY0221SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021277.D	1		02/21/25 11:43	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.020		0.00063	0.0025	0.0050	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.021		0.00059	0.0025	0.0050	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.022		0.0016	0.0040	0.0050	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.020		0.00079	0.0025	0.0050	mg/Kg
87-68-3	Hexachlorobutadiene	0.020		0.00081	0.0025	0.0050	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.021		0.00078	0.0025	0.0050	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.020		0.00080	0.0025	0.0050	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	49.2		71 - 136		98%	SPK: 50
1868-53-7	Dibromofluoromethane	47.0		78 - 119		94%	SPK: 50
2037-26-5	Toluene-d8	46.4		85 - 116		93%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.7		79 - 119		97%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	142000	7.719				
540-36-3	1,4-Difluorobenzene	225000	8.622				
3114-55-4	Chlorobenzene-d5	195000	11.426				
3855-82-1	1,4-Dichlorobenzene-d4	99800	13.358				

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_Y\Data\VY022125\
Data File : VY021277.D
Acq On : 21 Feb 2025 11:43
Operator : SY/MD
Sample : VY0221SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 21 23:05:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Manual Integrations APPROVED
Reviewed By :Romaben Patel 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.719	168	142077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	225088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	194706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.358	152	99790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	71680	49.241	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.480%			
35) Dibromofluoromethane	7.646	113	67848	47.035	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.060%			
50) Toluene-d8	10.115	98	254568	46.355	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 92.700%			
62) 4-Bromofluorobenzene	12.414	95	87361	48.693	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.380%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.873	85	34744	27.437	ug/l	97
3) Chloromethane	2.074	50	36895	29.526	ug/l	97
4) Vinyl Chloride	2.214	62	35436	28.175	ug/l	96
5) Bromomethane	2.604	94	19911	25.614	ug/l	98
6) Chloroethane	2.745	64	20895	27.909	ug/l	96
7) Trichlorofluoromethane	3.068	101	54515	23.792	ug/l	100
8) Diethyl Ether	3.470	74	16457	23.007	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.830	101	32739	22.766	ug/l	95
10) Methyl Iodide	4.019	142	33721	21.106	ug/l	93
11) Tert butyl alcohol	4.909	59	11124	112.767	ug/l #	75
12) 1,1-Dichloroethene	3.799	96	30615	22.599	ug/l	86
13) Acrolein	3.665	56	12791	84.205	ug/l	96
14) Allyl chloride	4.397	41	53151	23.280	ug/l	94
15) Acrylonitrile	5.086	53	35896	120.510	ug/l	99
16) Acetone	3.897	43	26461	116.562	ug/l	97
17) Carbon Disulfide	4.122	76	100186	23.585	ug/l	99
18) Methyl Acetate	4.409	43	18736	23.511	ug/l	97
19) Methyl tert-butyl Ether	5.134	73	76143	22.238	ug/l	100
20) Methylene Chloride	4.634	84	35107	24.877	ug/l	89
21) trans-1,2-Dichloroethene	5.134	96	33759	22.639	ug/l	90
22) Diisopropyl ether	6.037	45	111301	23.651	ug/l	97
23) Vinyl Acetate	5.976	43	319737	121.879	ug/l	97
24) 1,1-Dichloroethane	5.927	63	62579	22.697	ug/l	99
25) 2-Butanone	6.908	43	45145	121.018	ug/l	96
26) 2,2-Dichloropropane	6.902	77	56177	22.020	ug/l	97
27) cis-1,2-Dichloroethene	6.902	96	38161	22.234	ug/l	92
28) Bromochloromethane	7.256	49	23922	21.942	ug/l	91
29) Tetrahydrofuran	7.280	42	30834	122.151	ug/l	92
30) Chloroform	7.433	83	63933	22.575	ug/l	99
31) Cyclohexane	7.713	56	56614	22.802	ug/l	95
32) 1,1,1-Trichloroethane	7.628	97	60049	22.806	ug/l	98
36) 1,1-Dichloropropene	7.847	75	47738	22.343	ug/l	99
37) Ethyl Acetate	7.006	43	22324	23.817	ug/l	99
38) Carbon Tetrachloride	7.829	117	53797	21.549	ug/l	96
39) Methylcyclohexane	9.115	83	57935	22.168	ug/l	96
40) Benzene	8.091	78	139916	22.315	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021277.D
Acq On : 21 Feb 2025 11:43
Operator : SY/MD
Sample : VY0221SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 21 23:05:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.232	41	11894	21.934	ug/l		96
42) 1,2-Dichloroethane	8.170	62	39732	22.843	ug/l		96
43) Isopropyl Acetate	8.213	43	43155	23.171	ug/l	#	84
44) Trichloroethene	8.871	130	34619	21.370	ug/l		90
45) 1,2-Dichloropropane	9.152	63	33754	22.681	ug/l		100
46) Dibromomethane	9.237	93	18420	22.354	ug/l		97
47) Bromodichloromethane	9.432	83	47920	21.684	ug/l		96
48) Methyl methacrylate	9.231	41	19365	22.826	ug/l		93
49) 1,4-Dioxane	9.249	88	3454	450.275	ug/l		98
51) 4-Methyl-2-Pentanone	10.005	43	111716	119.282	ug/l		95
52) Toluene	10.176	92	86849	22.059	ug/l		100
53) t-1,3-Dichloropropene	10.402	75	43528	21.936	ug/l		100
54) cis-1,3-Dichloropropene	9.865	75	50785	21.615	ug/l	#	90
55) 1,1,2-Trichloroethane	10.579	97	23291	21.828	ug/l		99
56) Ethyl methacrylate	10.450	69	31208	21.863	ug/l	#	86
57) 1,3-Dichloropropane	10.725	76	41091	22.249	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.719	63	66439	97.833	ug/l		99
59) 2-Hexanone	10.767	43	71893	119.221	ug/l		93
60) Dibromochloromethane	10.920	129	31988	21.347	ug/l		97
61) 1,2-Dibromoethane	11.024	107	22061	22.073	ug/l		98
64) Tetrachloroethene	10.658	164	30712	21.248	ug/l		94
65) Chlorobenzene	11.450	112	91911	21.200	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.523	131	32642	21.186	ug/l		97
67) Ethyl Benzene	11.530	91	164390	21.438	ug/l		100
68) m/p-Xylenes	11.639	106	123398	43.015	ug/l		97
69) o-Xylene	11.962	106	56634	21.175	ug/l		97
70) Styrene	11.975	104	96585	21.667	ug/l		98
71) Bromoform	12.139	173	18840	21.969	ug/l	#	100
73) Isopropylbenzene	12.261	105	155520	19.951	ug/l		100
74) N-amyl acetate	12.078	43	36176	21.227	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.511	83	27554	21.254	ug/l		98
76) 1,2,3-Trichloropropane	12.566	75	17512m	19.346	ug/l		
77) Bromobenzene	12.542	156	35353	19.653	ug/l		96
78) n-propylbenzene	12.603	91	190748	20.542	ug/l		100
79) 2-Chlorotoluene	12.688	91	107600	20.232	ug/l		100
80) 1,3,5-Trimethylbenzene	12.743	105	128095	20.268	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.310	75	9050	20.400	ug/l		96
82) 4-Chlorotoluene	12.785	91	109802	20.264	ug/l		99
83) tert-Butylbenzene	13.005	119	112082	19.511	ug/l		96
84) 1,2,4-Trimethylbenzene	13.054	105	126991	20.551	ug/l		100
85) sec-Butylbenzene	13.182	105	167172	20.216	ug/l		98
86) p-Isopropyltoluene	13.298	119	137051	19.952	ug/l		98
87) 1,3-Dichlorobenzene	13.298	146	70365	20.259	ug/l		99
88) 1,4-Dichlorobenzene	13.377	146	69289	20.261	ug/l		97
89) n-Butylbenzene	13.627	91	127507	20.348	ug/l		99
90) Hexachloroethane	13.889	117	28118	19.622	ug/l		88
91) 1,2-Dichlorobenzene	13.669	146	62345	20.681	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.285	75	4277	22.077	ug/l		92
93) 1,2,4-Trichlorobenzene	14.931	180	33174	19.770	ug/l		99
94) Hexachlorobutadiene	15.035	225	21668	19.486	ug/l		98
95) Naphthalene	15.151	128	55046	20.504	ug/l		100
96) 1,2,3-Trichlorobenzene	15.340	180	28910	20.702	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021277.D
Acq On : 21 Feb 2025 11:43
Operator : SY/MD
Sample : VY0221SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 21 23:05:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021277.D
Acq On : 21 Feb 2025 11:43
Operator : SY/MD
Sample : VY0221SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 21 23:05:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Instrument :
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ClientSampleId :
VY0221SBS01

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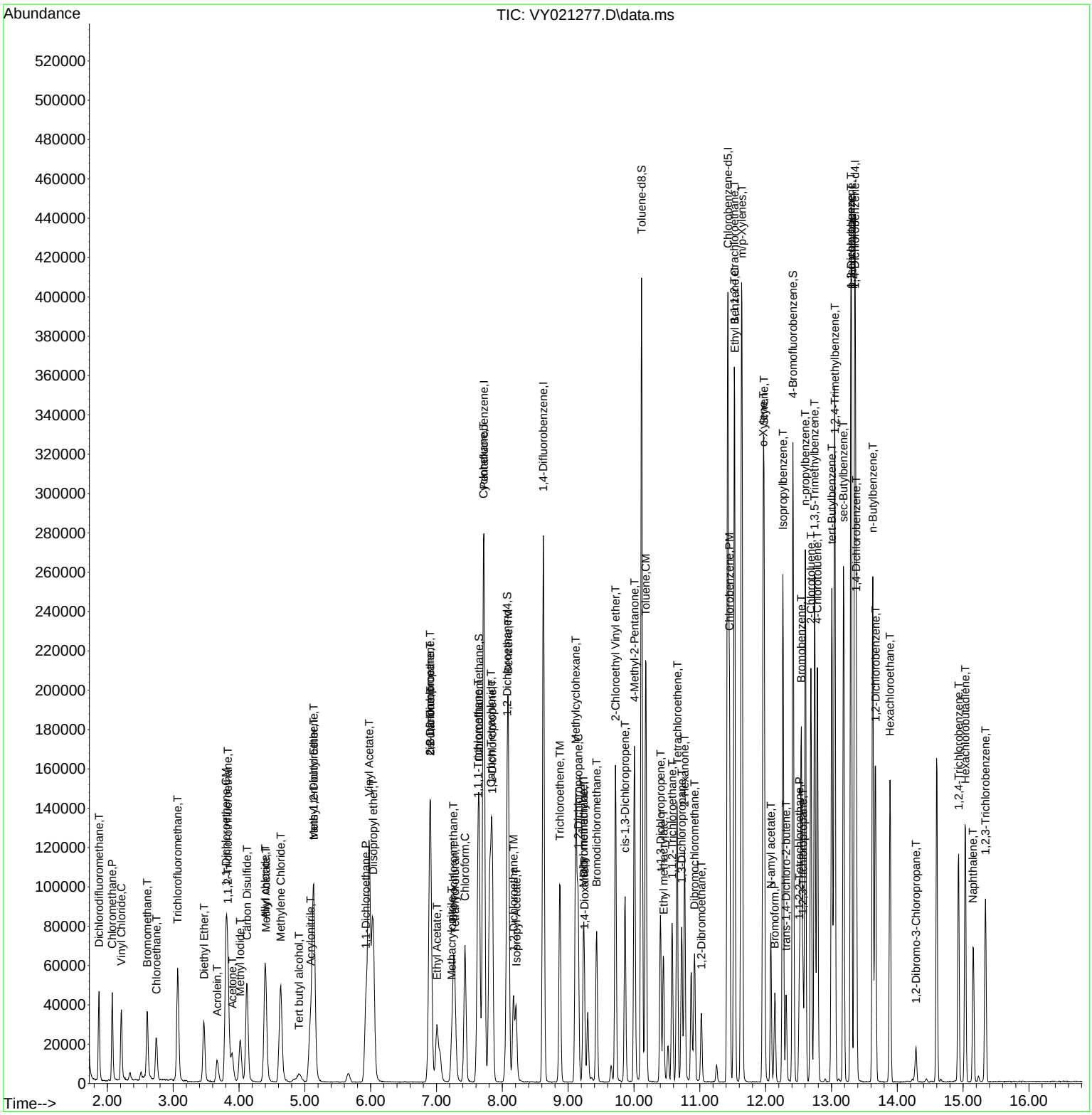
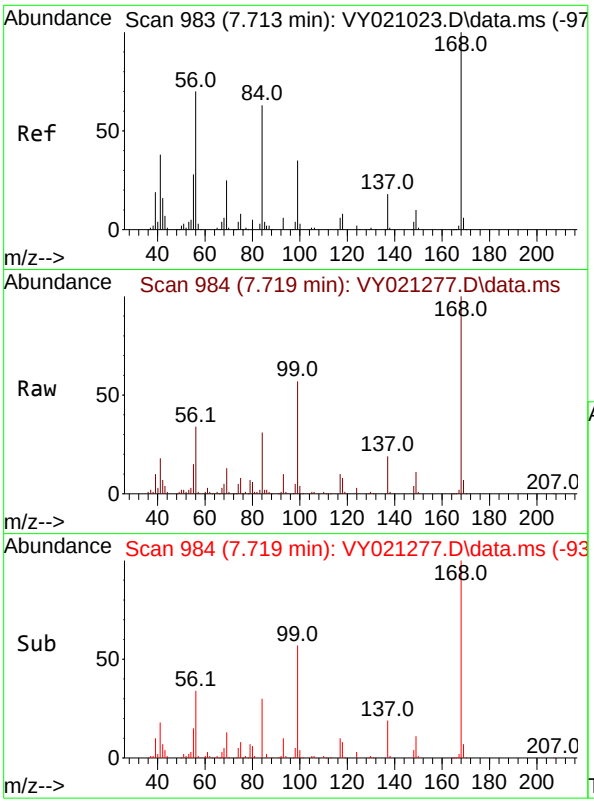
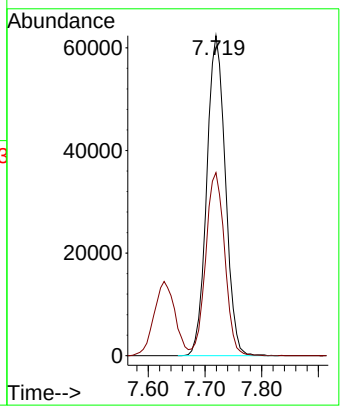




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:168 Resp: 14207

Ion	Ratio	Lower	Upper
168	100		
99	57.2	44.2	66.4



Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Manual Integrations
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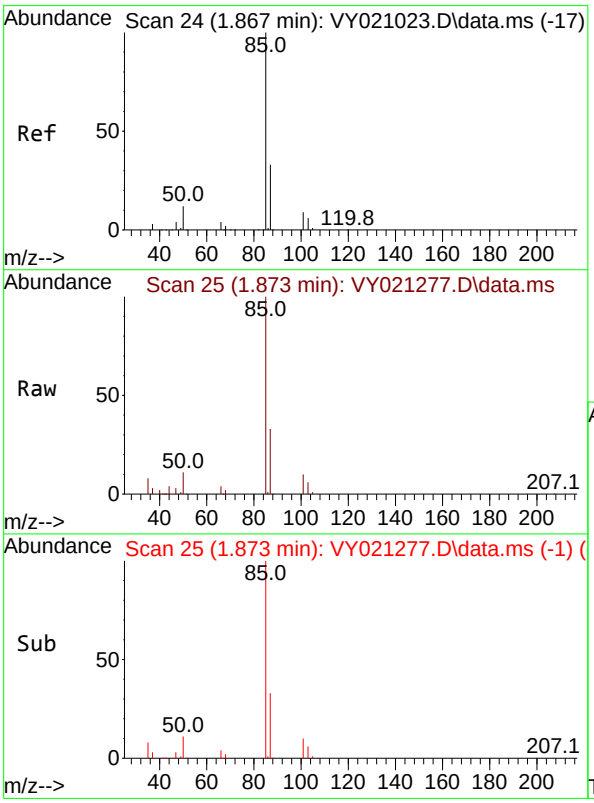
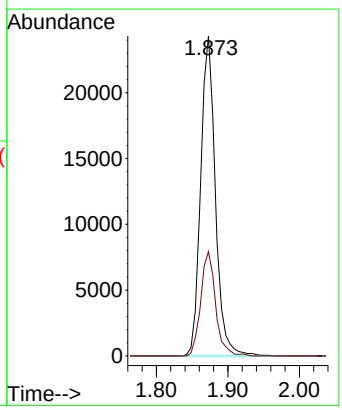
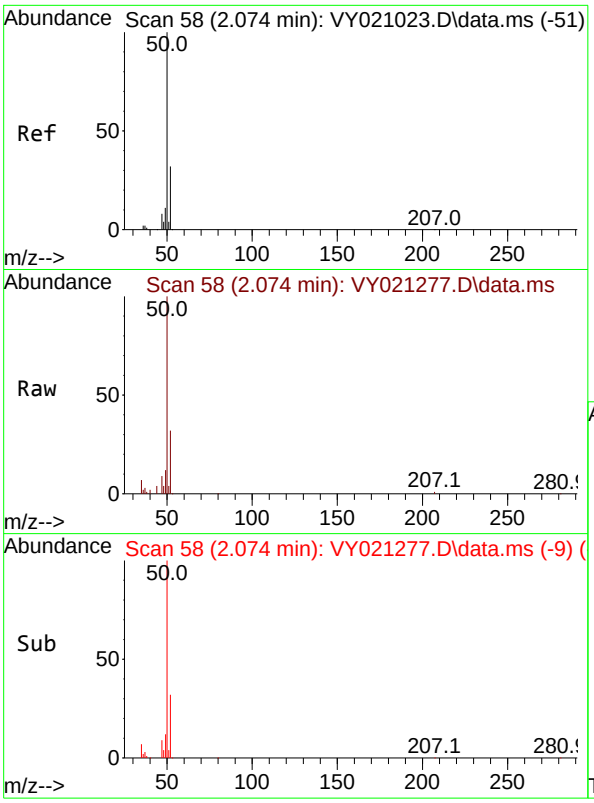


#2
Dichlorodifluoromethane
Concen: 27.437 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 85 Resp: 34744

Ion	Ratio	Lower	Upper
85	100		
87	32.6	17.1	51.3

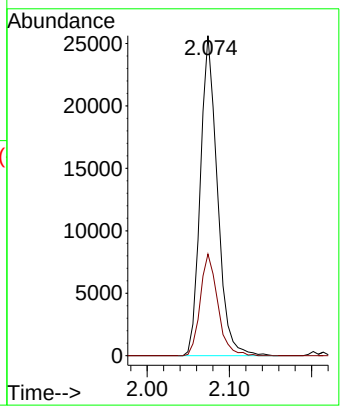




#3
Chloromethane
Concen: 29.526 ug/l
RT: 2.074 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 50 Resp: 3689

Ion	Ratio	Lower	Upper
50	100		
52	31.8	26.7	40.1



Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Manual Integrations
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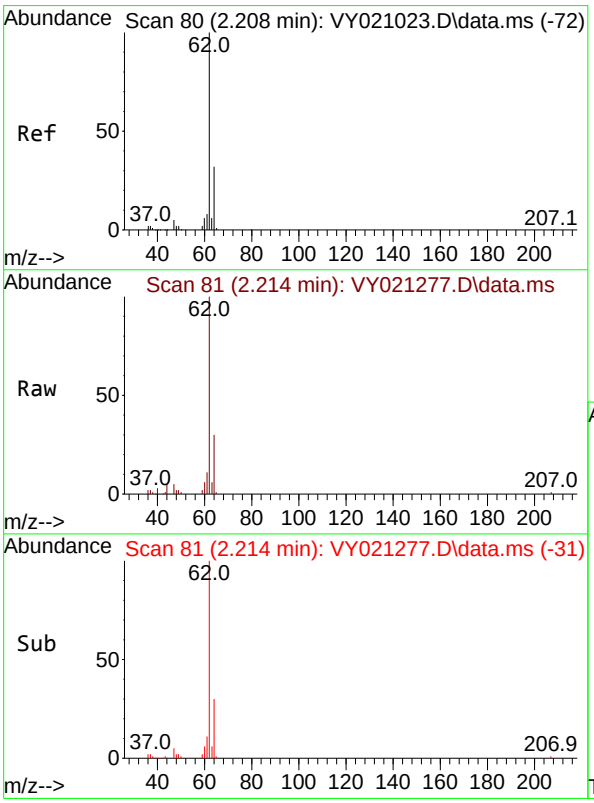
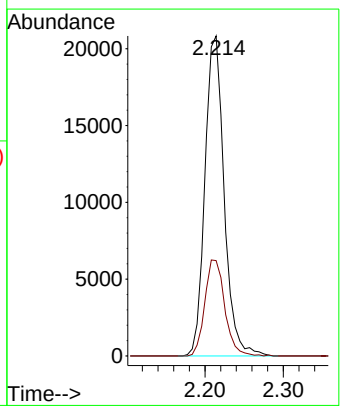
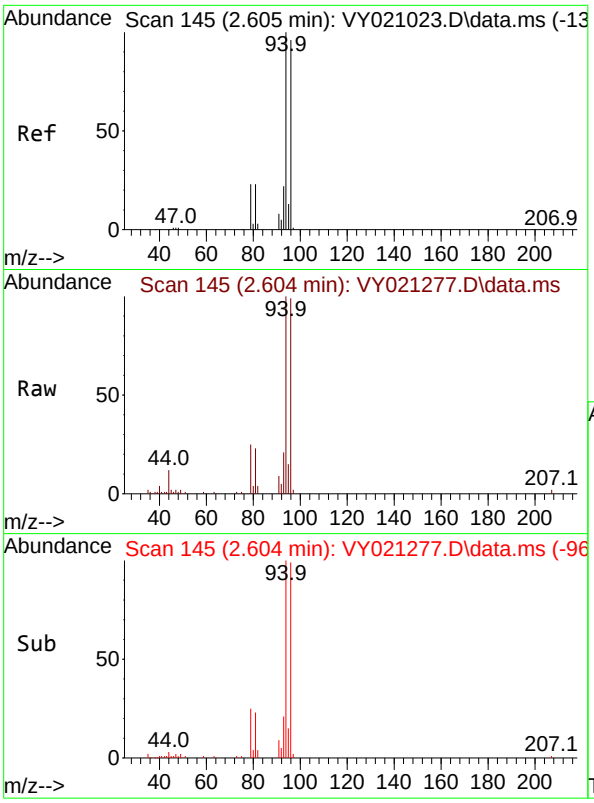


#4
Vinyl Chloride
Concen: 28.175 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 62 Resp: 35436

Ion	Ratio	Lower	Upper
62	100		
64	29.8	25.7	38.5

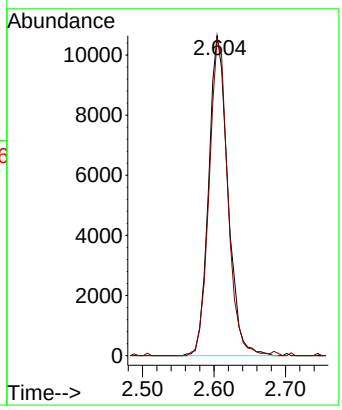




#5
Bromomethane
Concen: 25.614 ug/l
RT: 2.604 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 94 Resp: 1991

Ion	Ratio	Lower	Upper
94	100		
96	98.8	77.3	115.9



Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Manual Integrations
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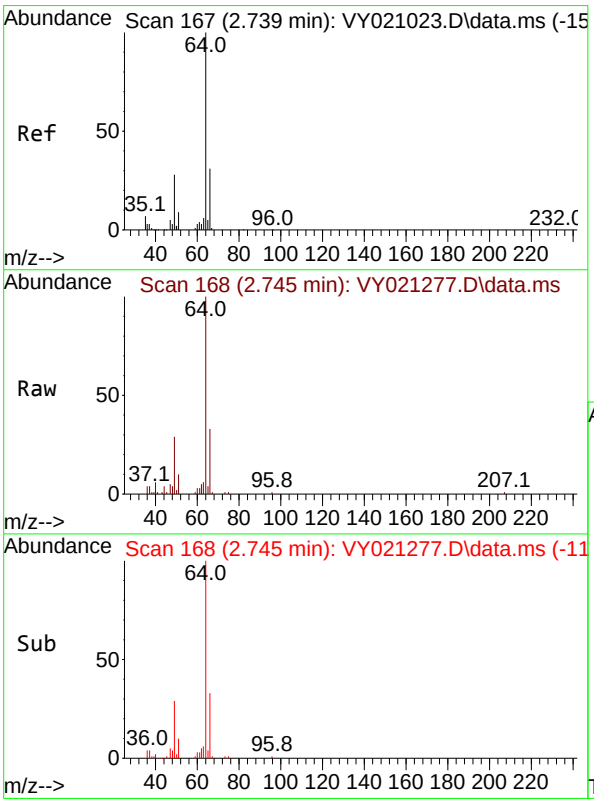
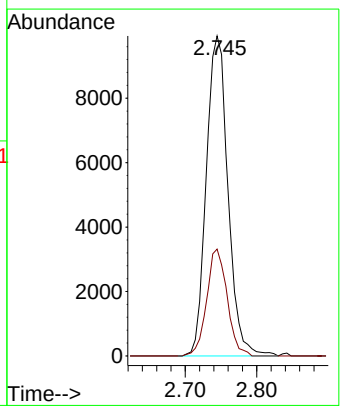
Reviewed By :Romaben Patel 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

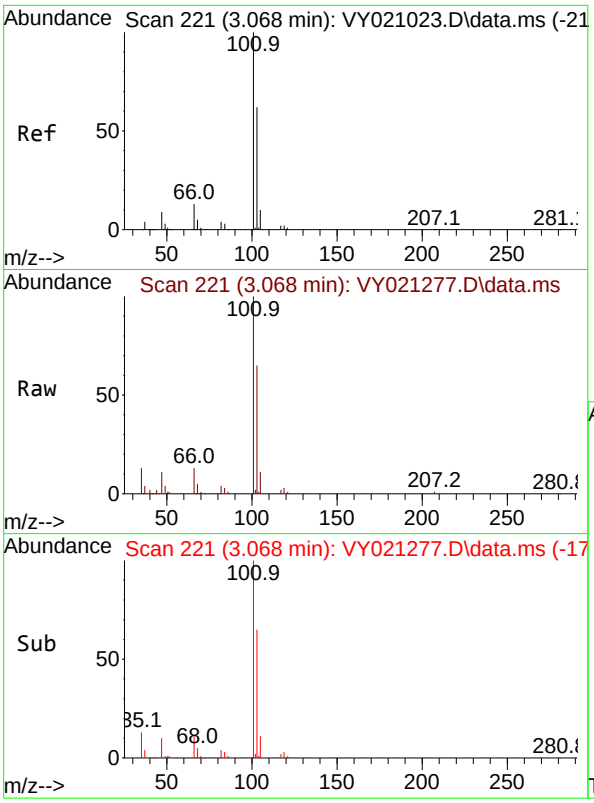


#6
Chloroethane
Concen: 27.909 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 64 Resp: 20895

Ion	Ratio	Lower	Upper
64	100		
66	33.4	25.1	37.7

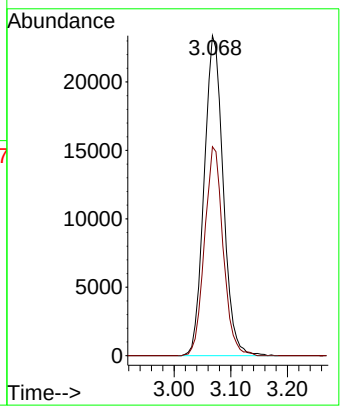




#7
Trichlorofluoromethane
Concen: 23.792 ug/l
RT: 3.068 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:101 Resp: 5451

Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.9	77.9



Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Manual Integrations
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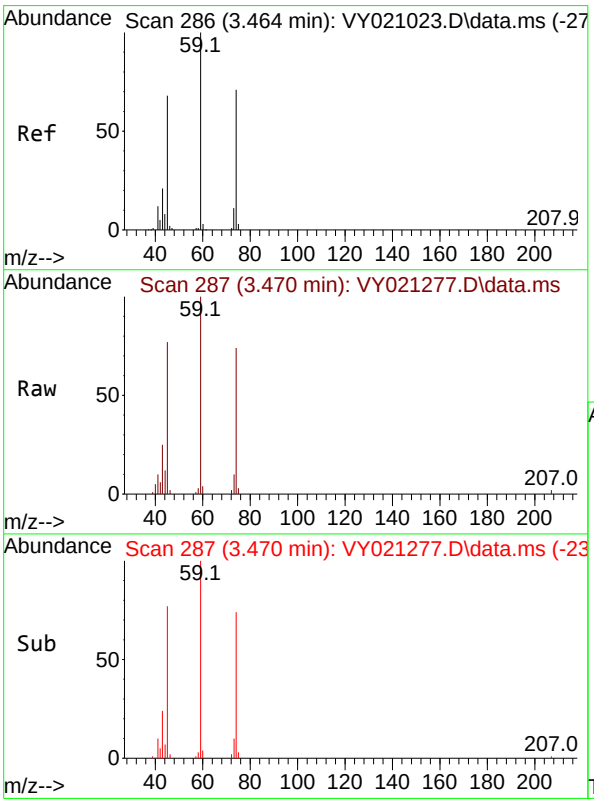
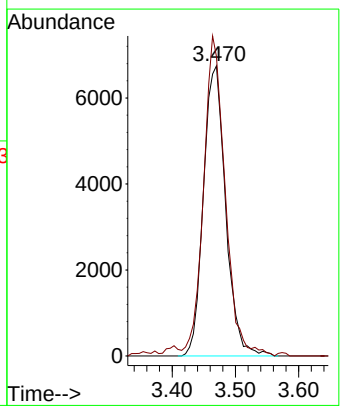
Supervised By :Mahesh Dadoda 02/24/2025

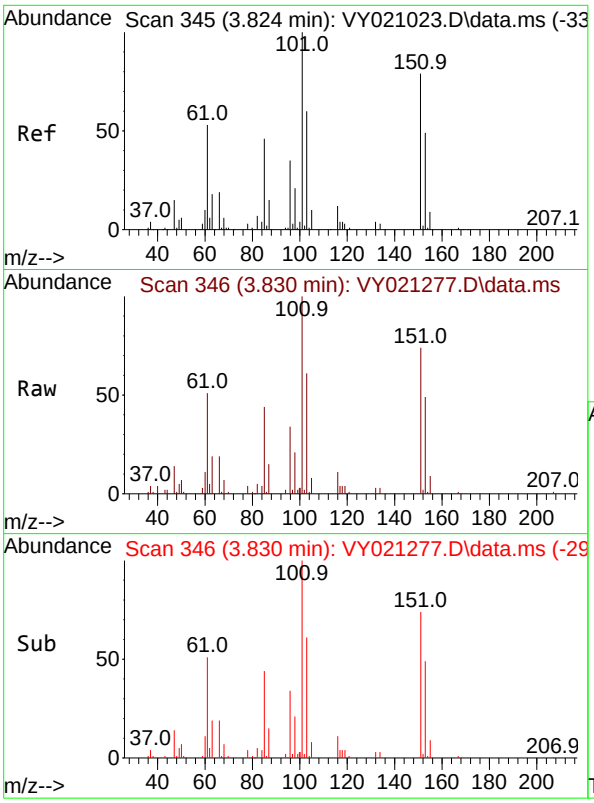


#8
Diethyl Ether
Concen: 23.007 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 74 Resp: 16457

Ion	Ratio	Lower	Upper
74	100		
45	107.1	47.9	143.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.766 ug/l
RT: 3.830 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:101 Resp: 3273

Ion	Ratio	Lower	Upper
101	100		
85	48.0	35.8	53.6
151	77.6	58.6	88.0

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Manual Integrations
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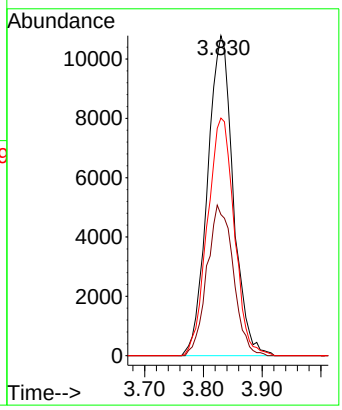
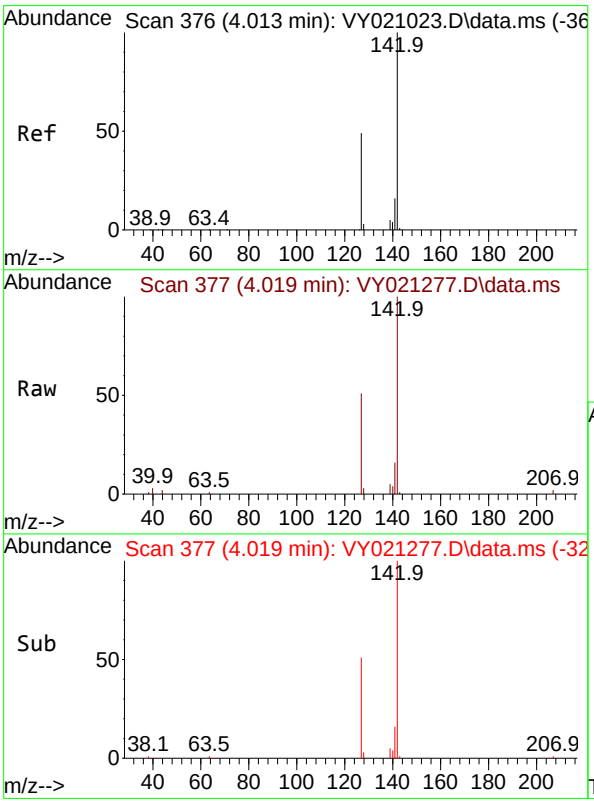
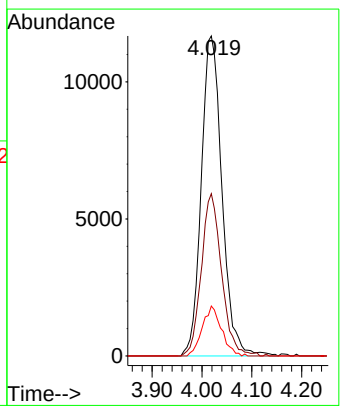


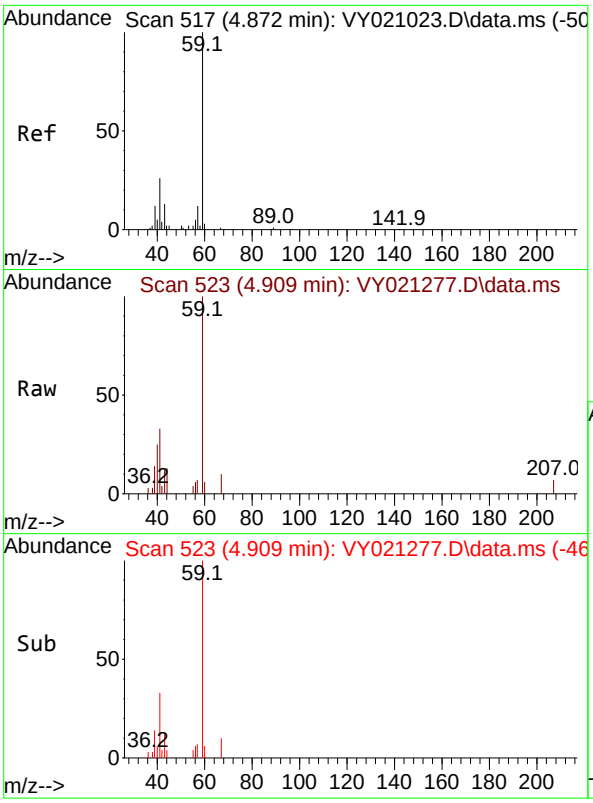


#10
Methyl Iodide
Concen: 21.106 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:142 Resp: 33721

Ion	Ratio	Lower	Upper
142	100		
127	49.5	35.1	52.7
141	14.5	11.8	17.6

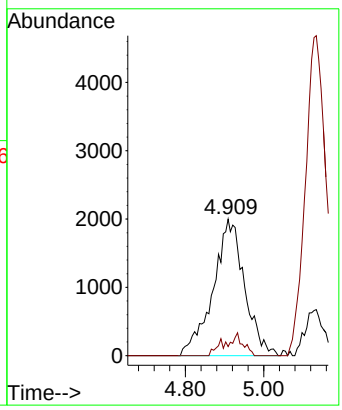




#11
Tert butyl alcohol
Concen: 112.767 ug/l
RT: 4.909 min Scan# 5
Delta R.T. 0.036 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 59 Resp: 1112

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.0#



Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Manual Integrations
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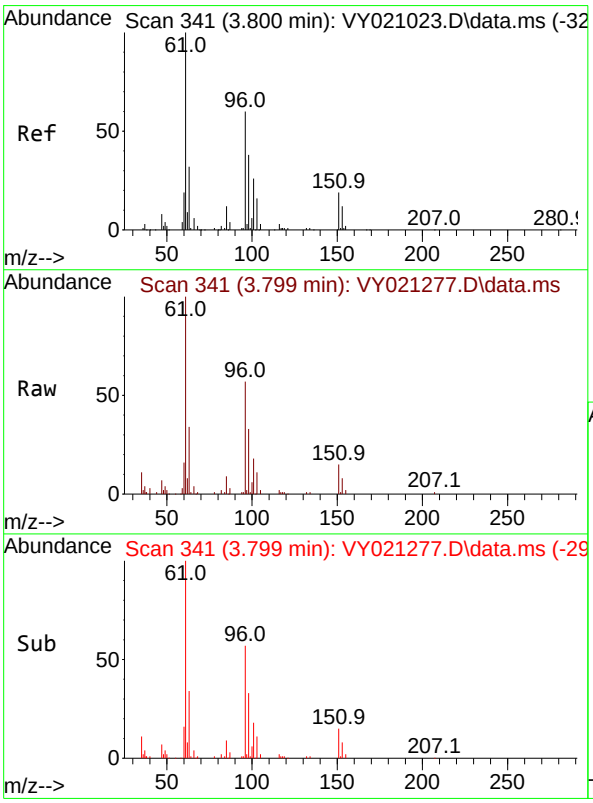
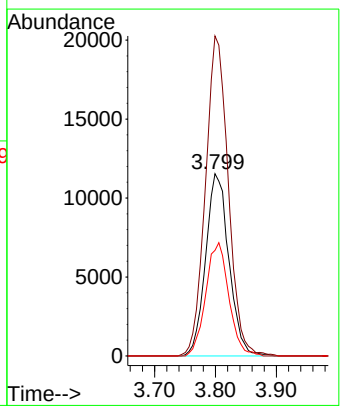
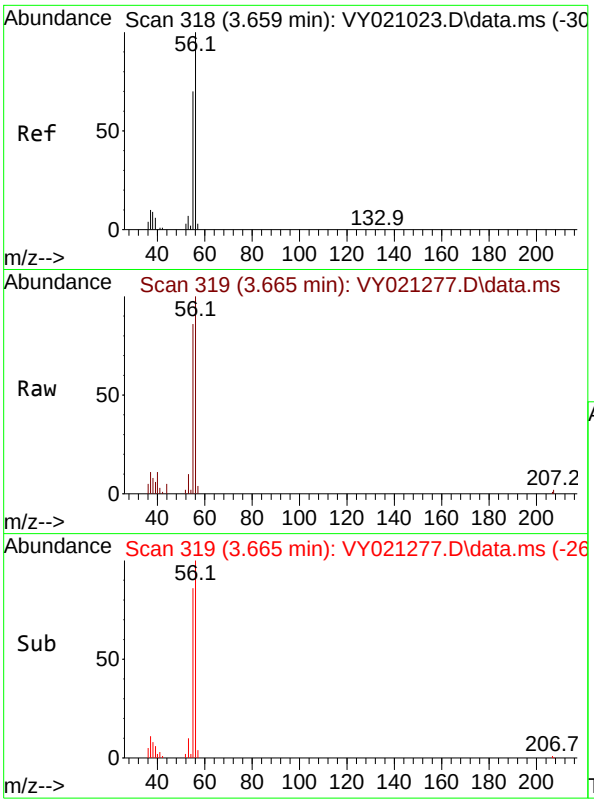


#12
1,1-Dichloroethene
Concen: 22.599 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 96 Resp: 30615

Ion	Ratio	Lower	Upper
96	100		
61	175.6	124.2	186.2
98	58.0	52.6	79.0

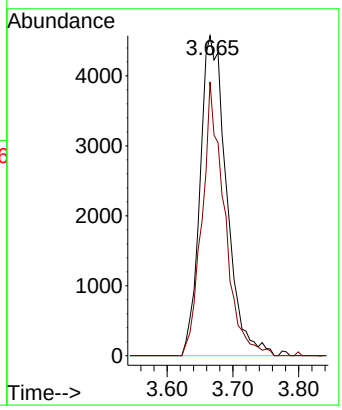




#13
Acrolein
Concen: 84.205 ug/l
RT: 3.665 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 56 Resp: 1279

Ion	Ratio	Lower	Upper
56	100		
55	72.4	55.4	83.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Manual Integrations
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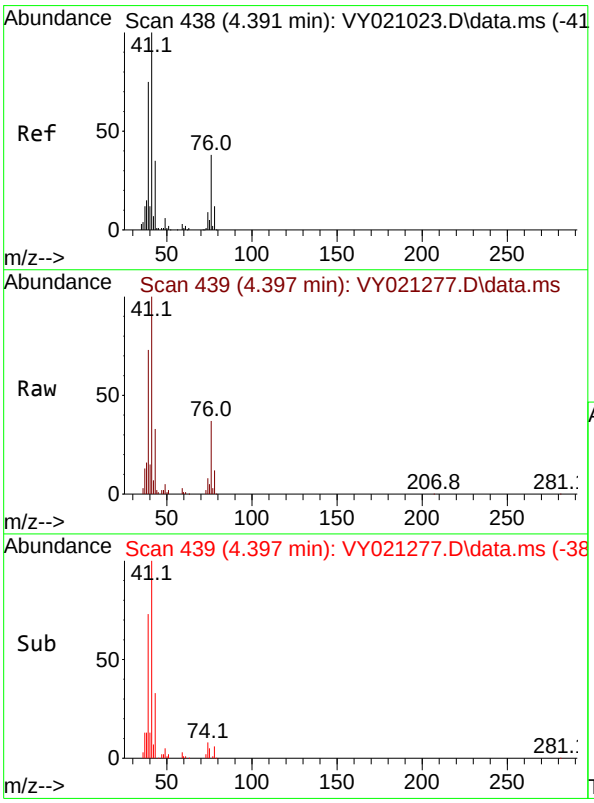
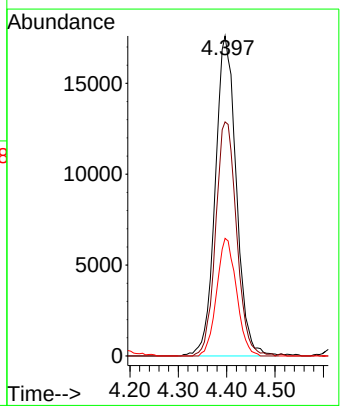
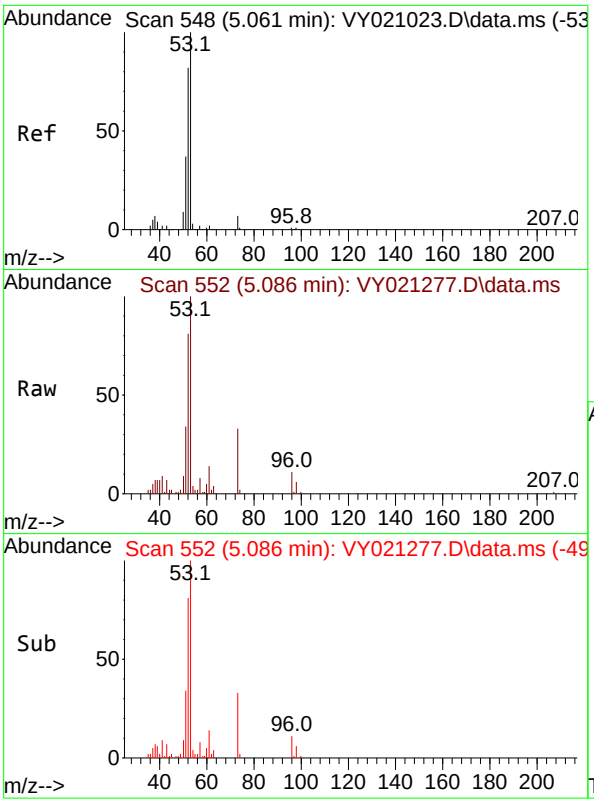


#14
Allyl chloride
Concen: 23.280 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 41 Resp: 53151

Ion	Ratio	Lower	Upper
41	100		
39	72.8	54.7	82.1
76	34.7	31.8	47.6

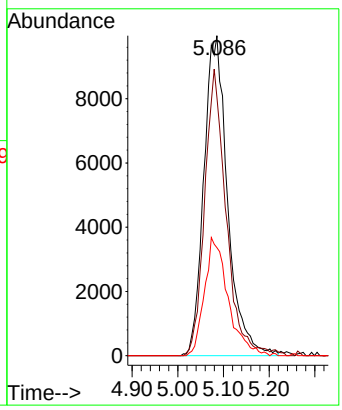




#15
Acrylonitrile
Concen: 120.510 ug/l
RT: 5.086 min Scan# 5
Delta R.T. 0.024 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 53 Resp: 3589

Ion	Ratio	Lower	Upper
53	100		
52	80.7	65.1	97.7
51	36.7	29.0	43.4



Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

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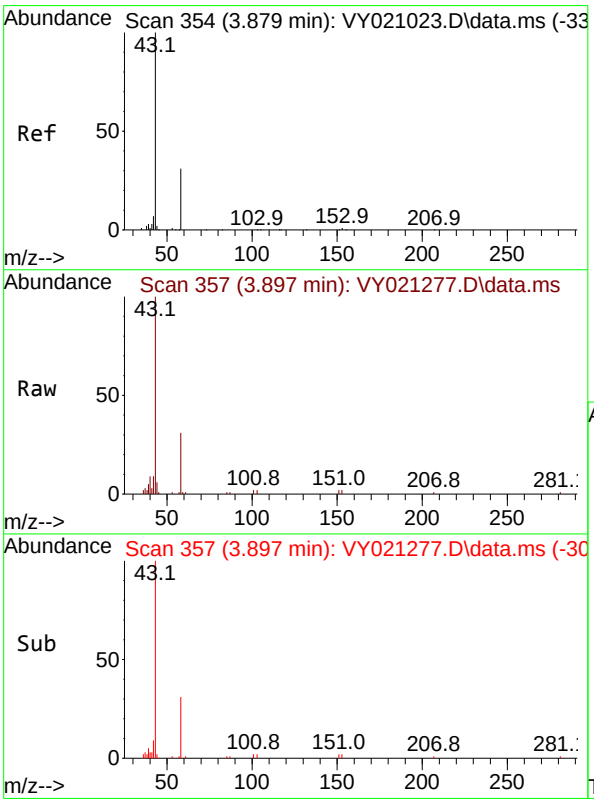
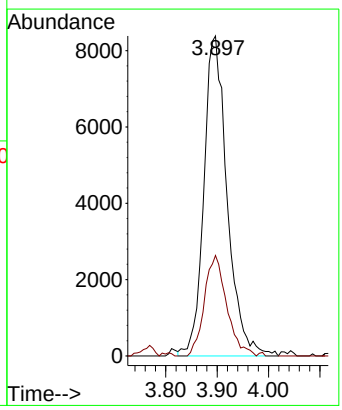
Reviewed By :Romaben Patel 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

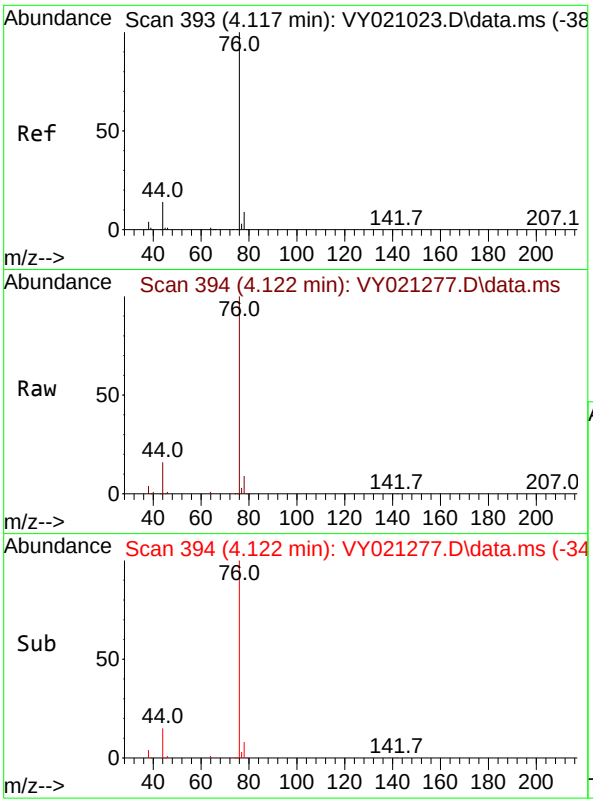


#16
Acetone
Concen: 116.562 ug/l
RT: 3.897 min Scan# 357
Delta R.T. 0.018 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 43 Resp: 26461

Ion	Ratio	Lower	Upper
43	100		
58	31.4	26.6	39.8

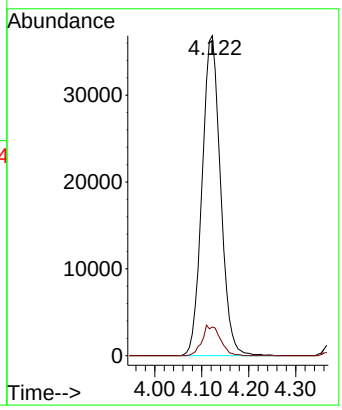




#17
Carbon Disulfide
Concen: 23.585 ug/l
RT: 4.122 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 76 Resp: 10018

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

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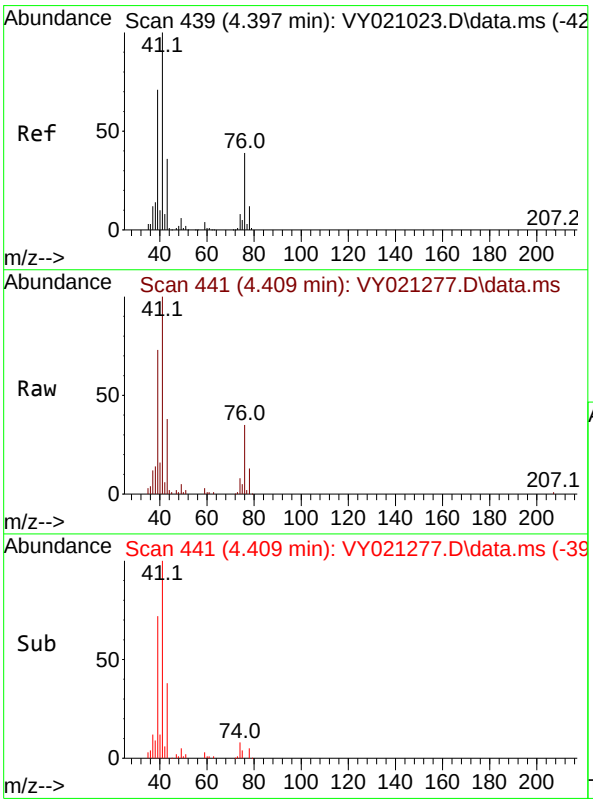
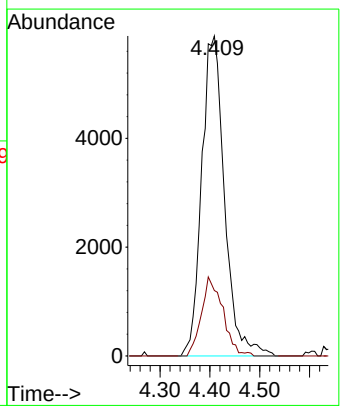
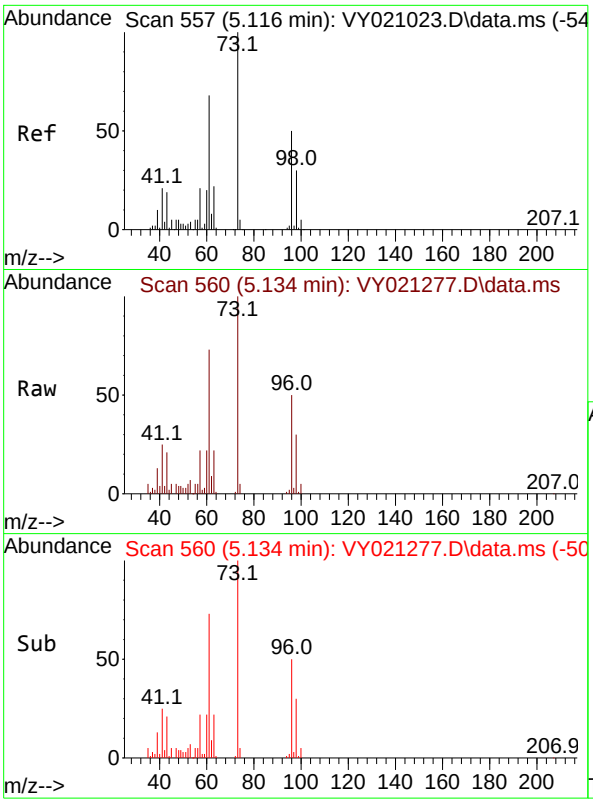


#18
Methyl Acetate
Concen: 23.511 ug/l
RT: 4.409 min Scan# 441
Delta R.T. 0.012 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 43 Resp: 18736

Ion	Ratio	Lower	Upper
43	100		
74	23.1	19.8	29.6

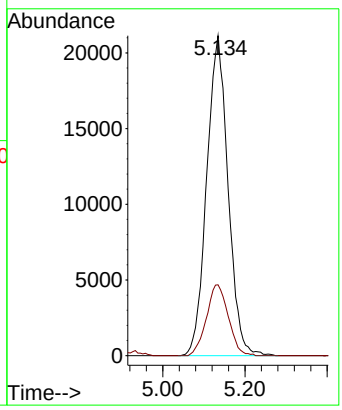




#19
Methyl tert-butyl Ether
Concen: 22.238 ug/l
RT: 5.134 min Scan# 5
Delta R.T. 0.018 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 73 Resp: 7614

Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.7	26.5



Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

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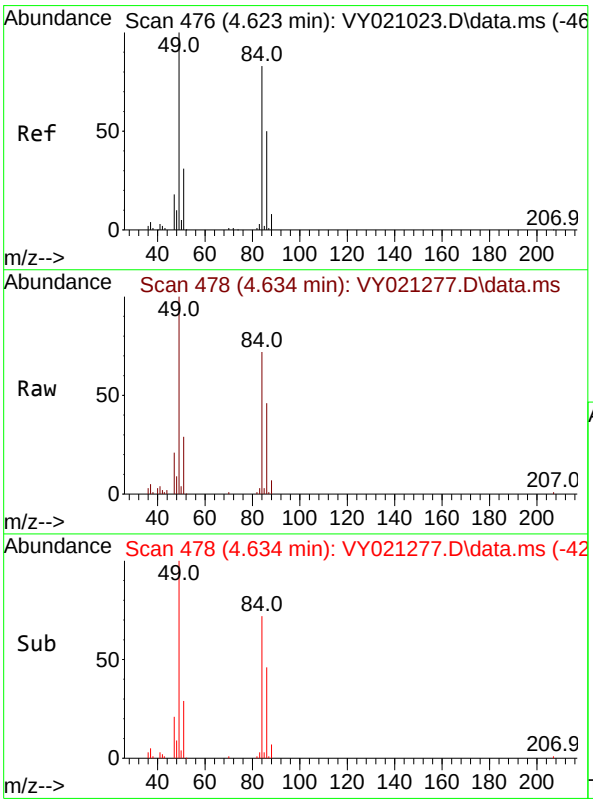
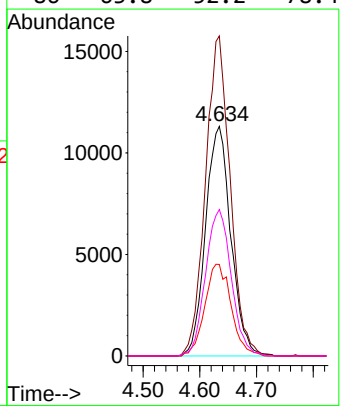
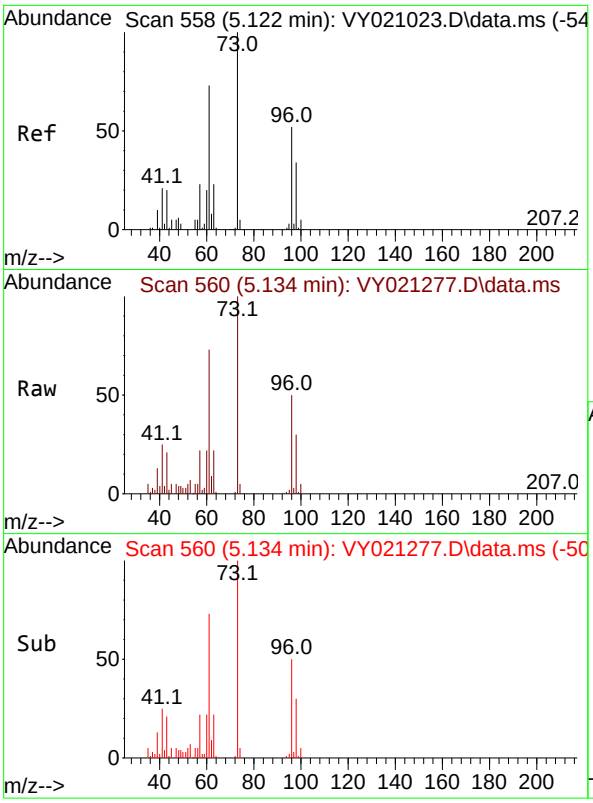


#20
Methylene Chloride
Concen: 24.877 ug/l
RT: 4.634 min Scan# 478
Delta R.T. 0.012 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 84 Resp: 35107

Ion	Ratio	Lower	Upper
84	100		
49	139.4	95.2	142.8
51	39.9	29.9	44.9
86	63.8	52.2	78.4

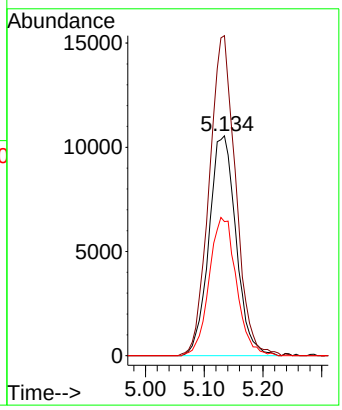




#21
trans-1,2-Dichloroethene
Concen: 22.639 ug/l
RT: 5.134 min Scan# 5
Delta R.T. 0.012 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 96 Resp: 3375

Ion	Ratio	Lower	Upper
96	100		
61	145.5	104.6	156.8
98	61.0	50.9	76.3



Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

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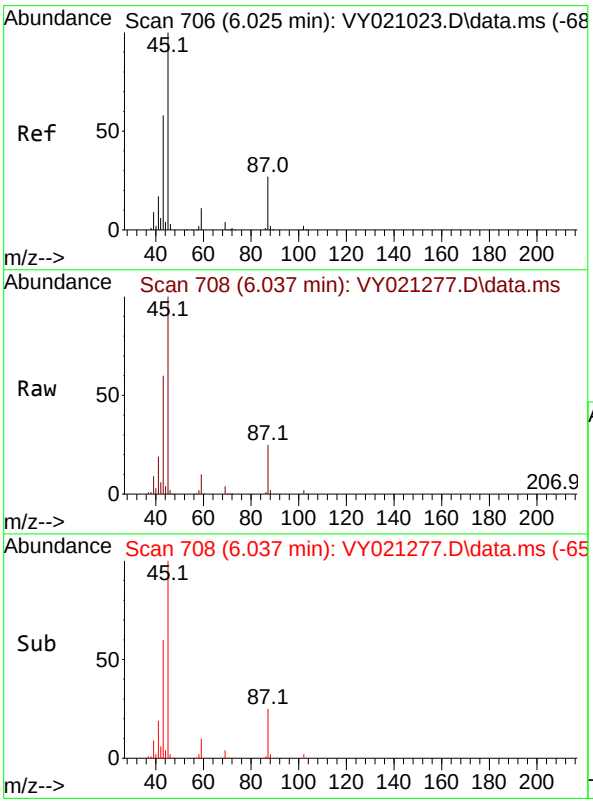
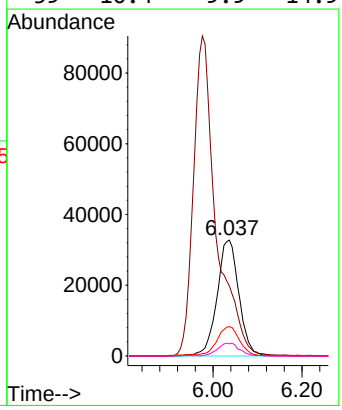
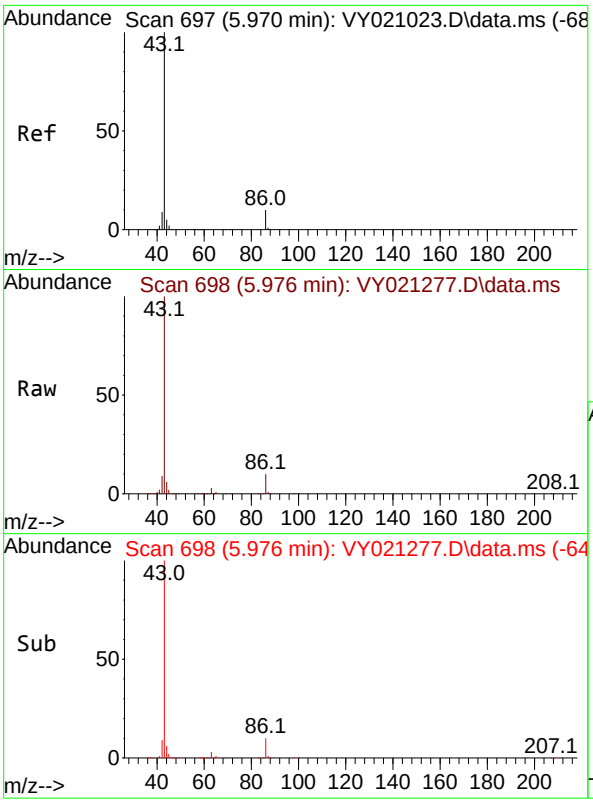


#22
Diisopropyl ether
Concen: 23.651 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 45 Resp: 111301

Ion	Ratio	Lower	Upper
45	100		
43	59.5	46.8	70.2
87	25.3	22.2	33.2
59	10.4	9.9	14.9





#23
Vinyl Acetate
Concen: 121.879 ug/l
RT: 5.976 min Scan# 6
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 43 Resp: 31973

Ion	Ratio	Lower	Upper
43	100		
86	9.7	8.6	13.0

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

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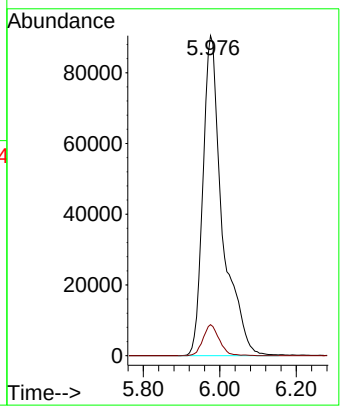
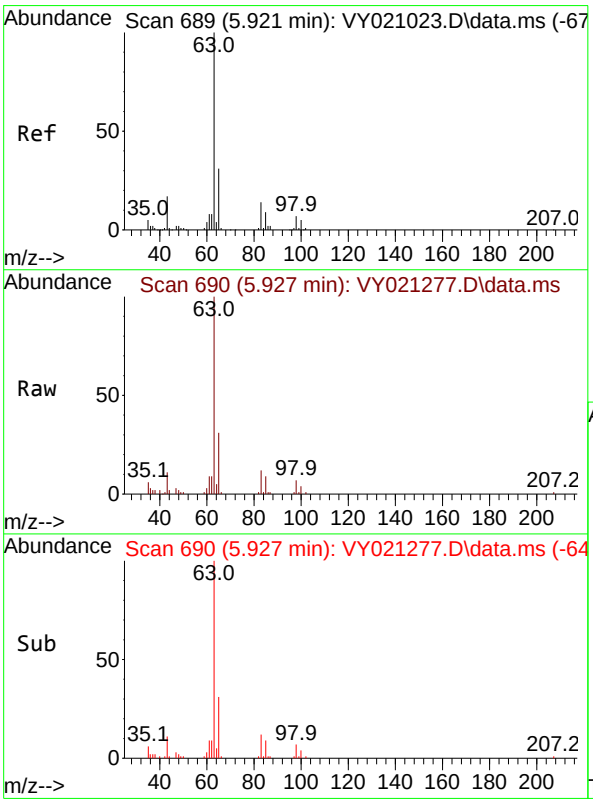
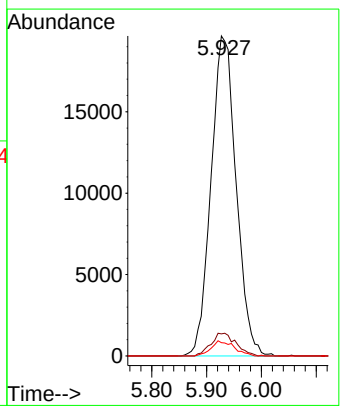


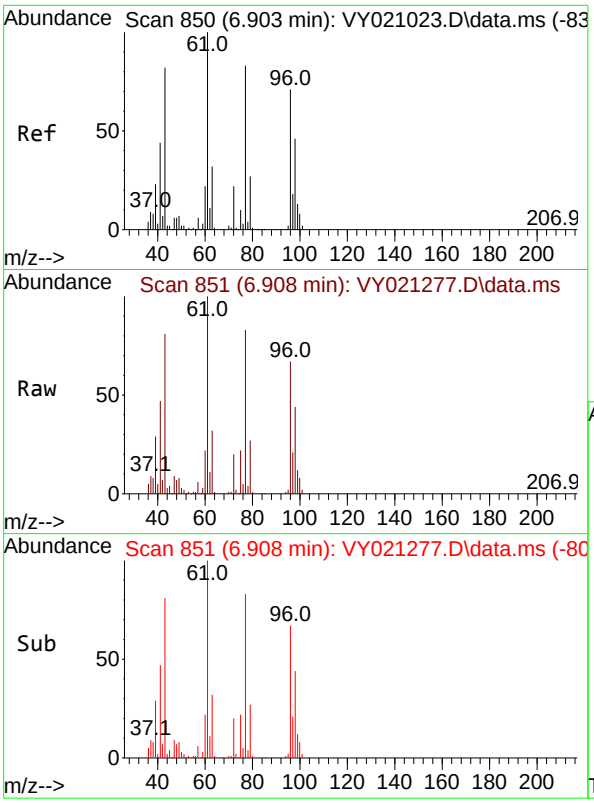


#24
1,1-Dichloroethane
Concen: 22.697 ug/l
RT: 5.927 min Scan# 690
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 63 Resp: 62579

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.8	11.4
100	4.2	2.1	6.2





#25
2-Butanone
Concen: 121.018 ug/l
RT: 6.908 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 43 Resp: 4514

Ion	Ratio	Lower	Upper
43	100		
72	24.8	21.4	32.2

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Manual Integrations
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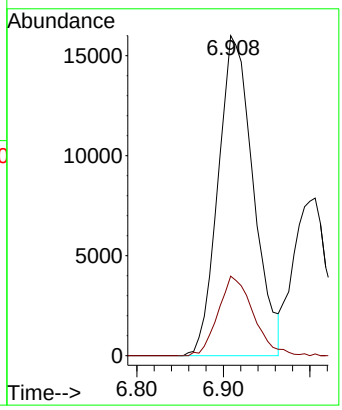
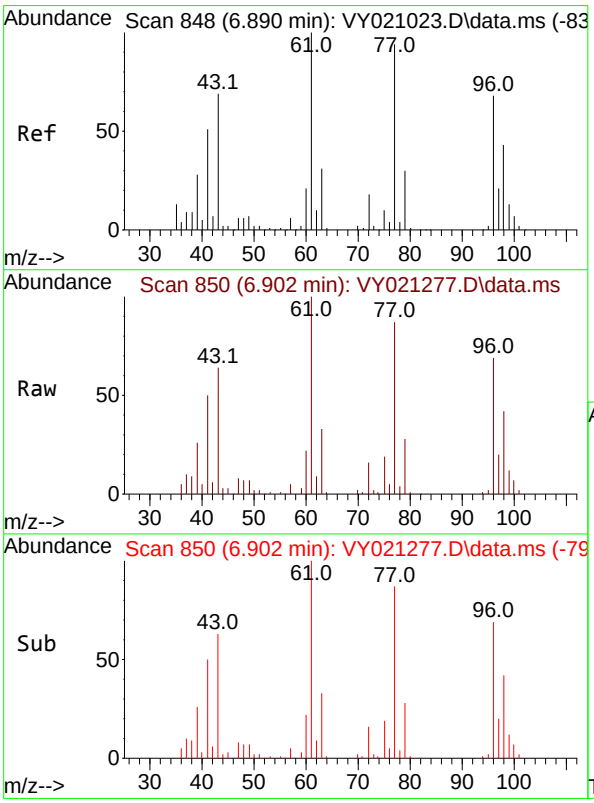
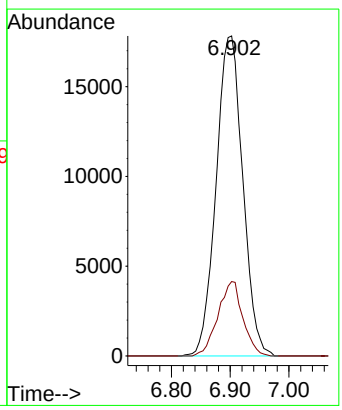


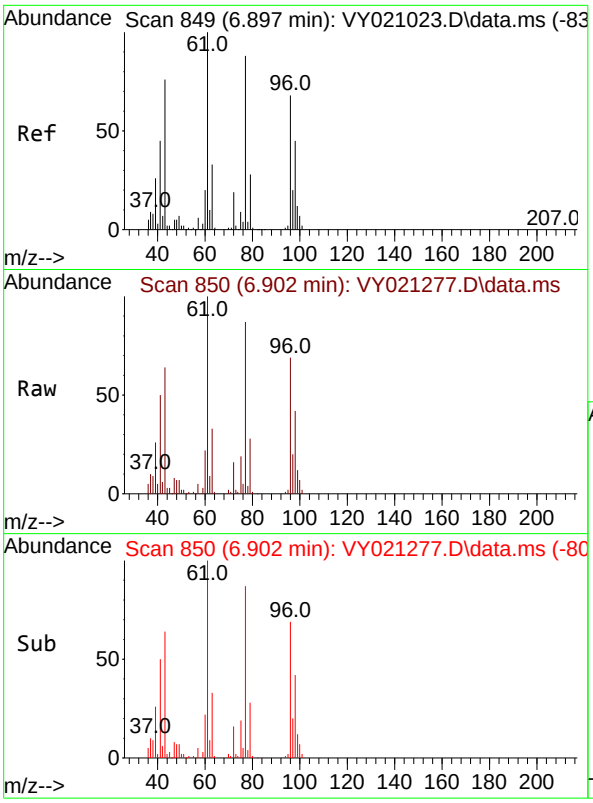


#26
2,2-Dichloropropane
Concen: 22.020 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 77 Resp: 56177

Ion	Ratio	Lower	Upper
77	100		
97	21.8	11.7	35.0





#27
cis-1,2-Dichloroethene
Concen: 22.234 ug/l
RT: 6.902 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 96 Resp: 3816

Ion	Ratio	Lower	Upper
96	100		
61	152.9	0.0	278.8
98	63.3	0.0	127.0

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

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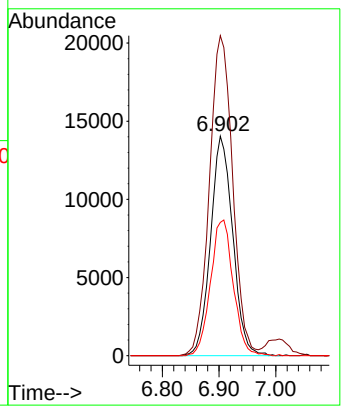
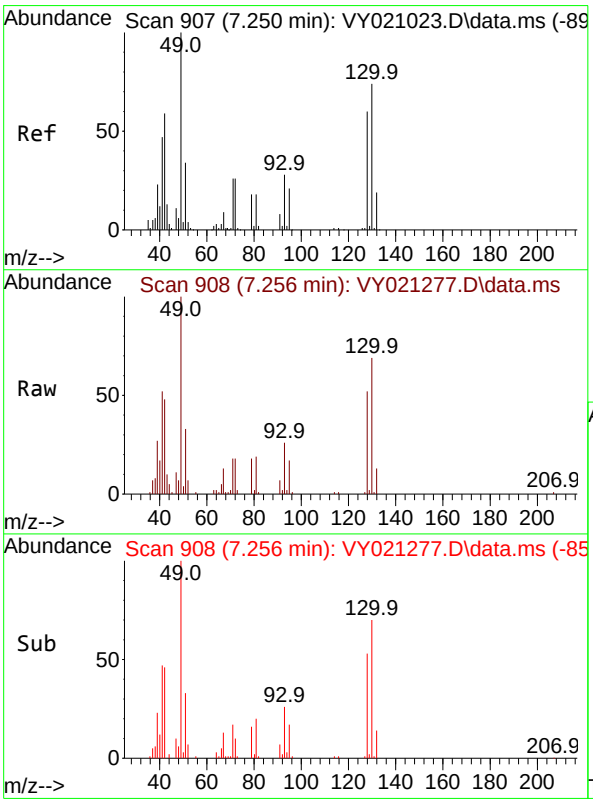
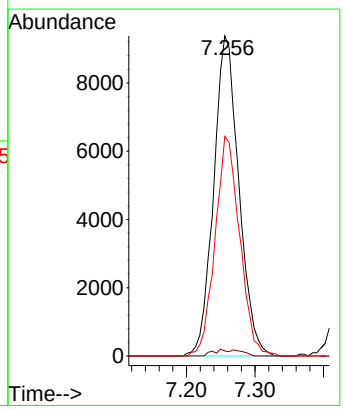


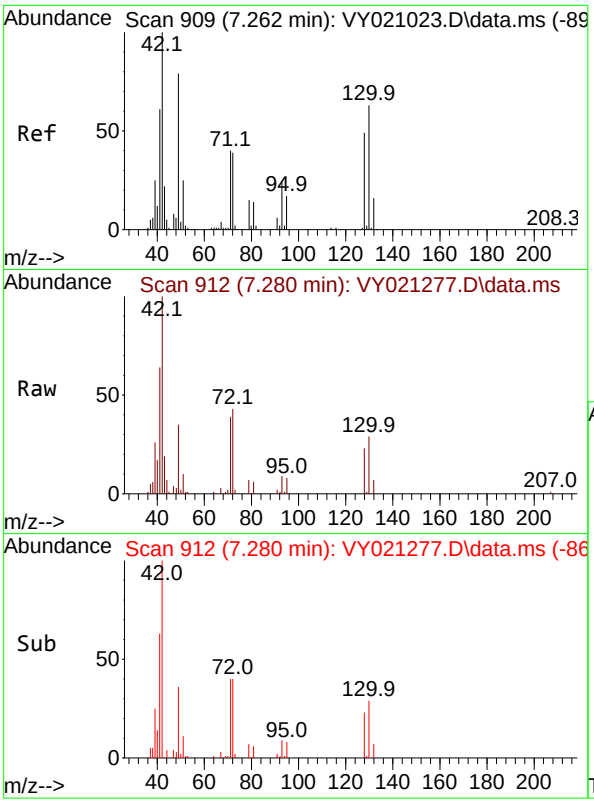


#28
Bromochloromethane
Concen: 21.942 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 49 Resp: 23922

Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.8
130	67.0	59.8	89.8

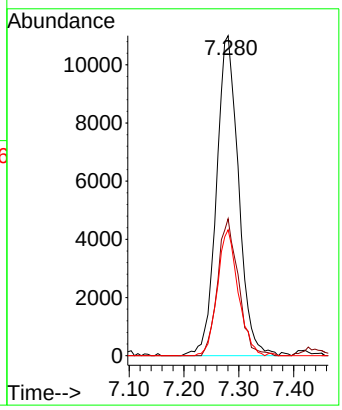




#29
Tetrahydrofuran
Concen: 122.151 ug/l
RT: 7.280 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 42 Resp: 3083

Ion	Ratio	Lower	Upper
42	100		
72	40.2	36.6	54.8
71	37.1	33.8	50.6



Instrument :
MSVOA_Y
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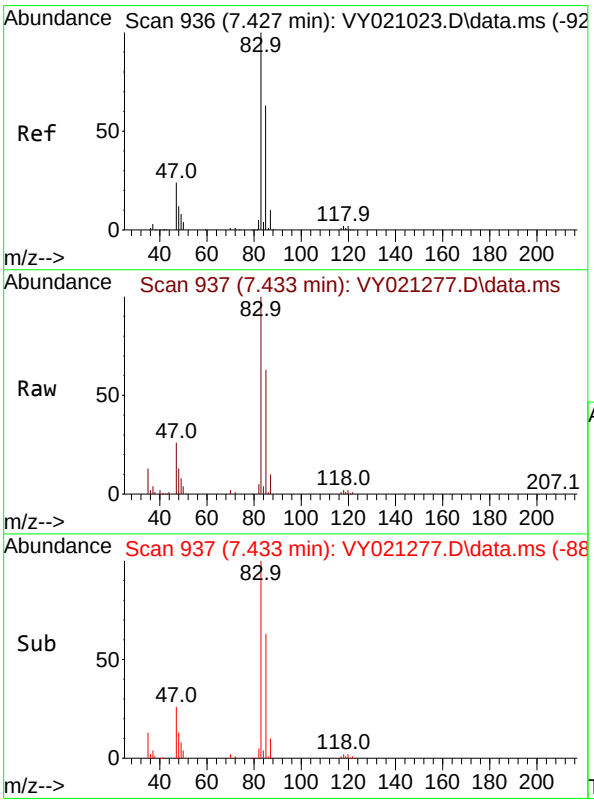
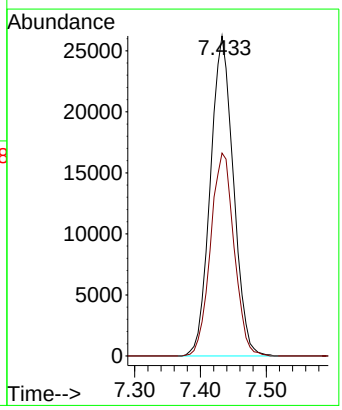
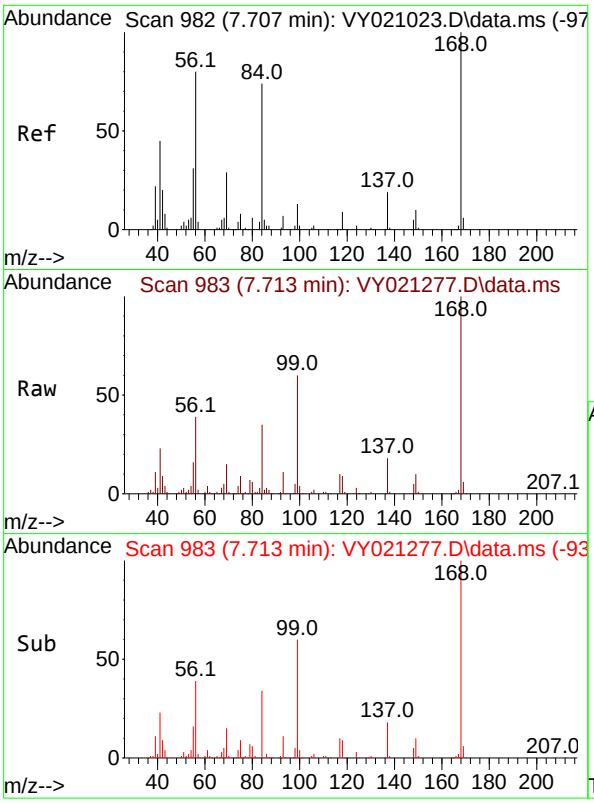


#30
Chloroform
Concen: 22.575 ug/l
RT: 7.433 min Scan# 937
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 83 Resp: 63933

Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.2	76.8

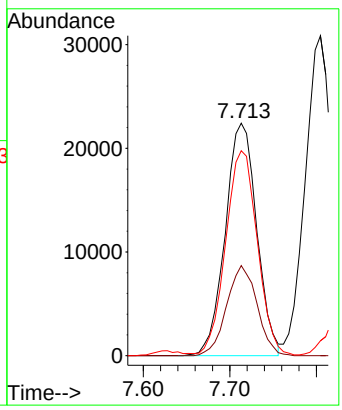




#31
Cyclohexane
Concen: 22.802 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 56 Resp: 5661

Ion	Ratio	Lower	Upper
56	100		
69	38.8	27.0	40.6
84	86.5	71.8	107.6



Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

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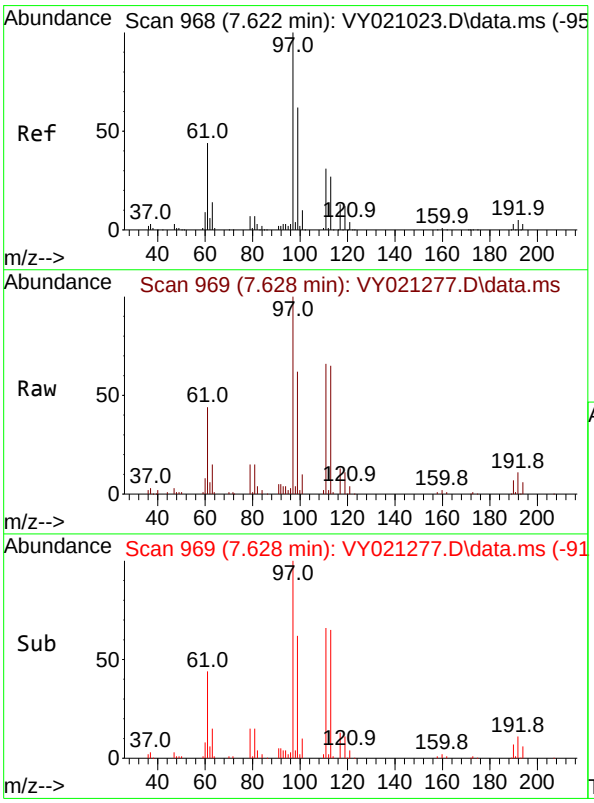
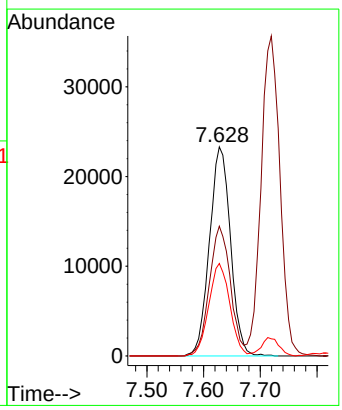
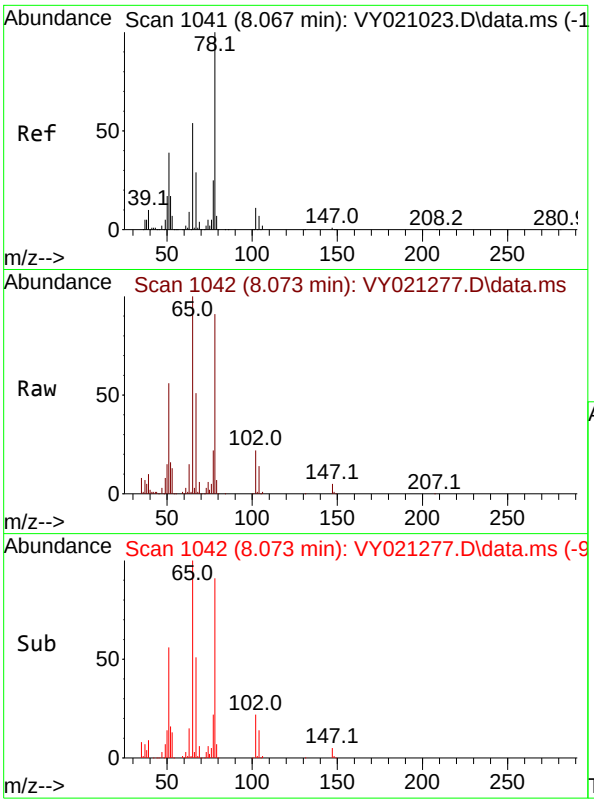


#32
1,1,1-Trichloroethane
Concen: 22.806 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 97 Resp: 60049

Ion	Ratio	Lower	Upper
97	100		
99	62.0	51.2	76.8
61	44.4	35.0	52.6

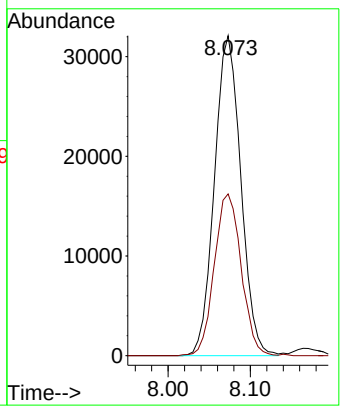




#33
1,2-Dichloroethane-d4
Concen: 49.241 ug/l
RT: 8.073 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 65 Resp: 7168

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	109.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

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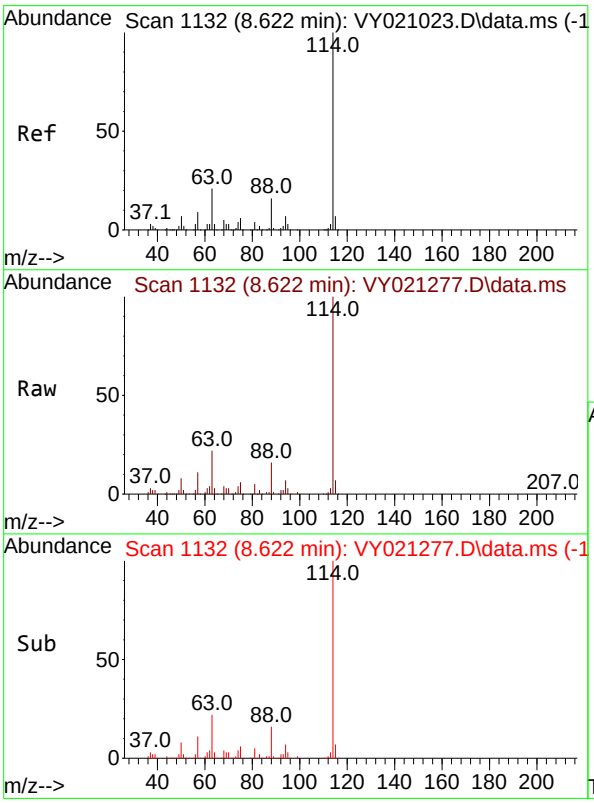
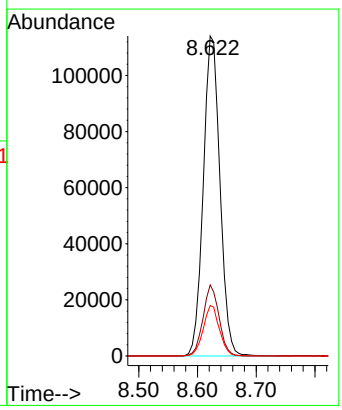
Supervised By :Mahesh Dadoda 02/24/2025

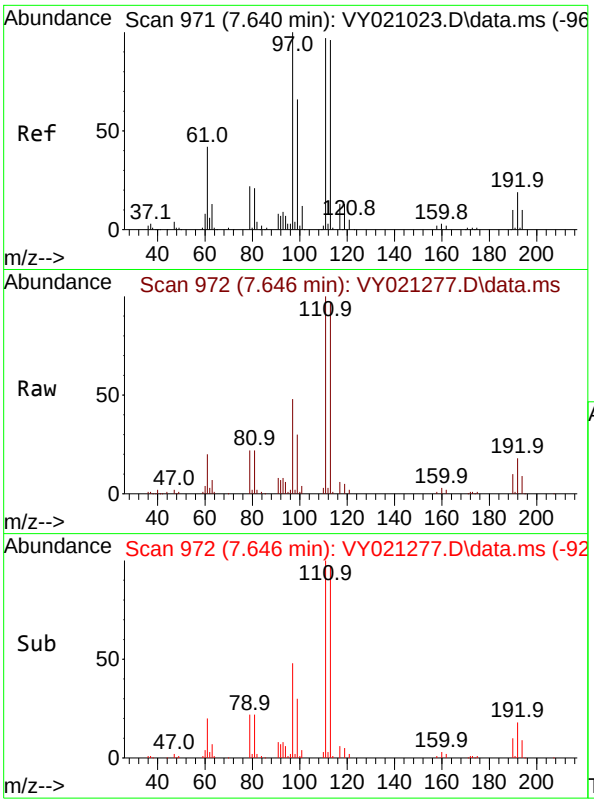


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:114 Resp: 225088

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	37.4
88	15.8	0.0	29.0

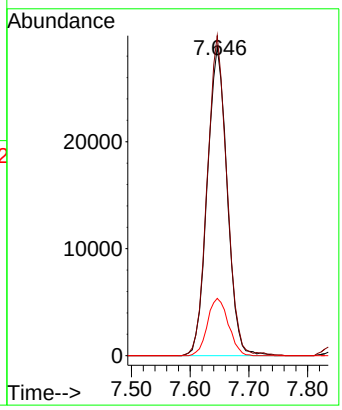




#35
Dibromofluoromethane
Concen: 47.035 ug/l
RT: 7.646 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:113 Resp: 6784

Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.8	125.6
192	19.5	14.5	21.7



Instrument :
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ClientSampleId :
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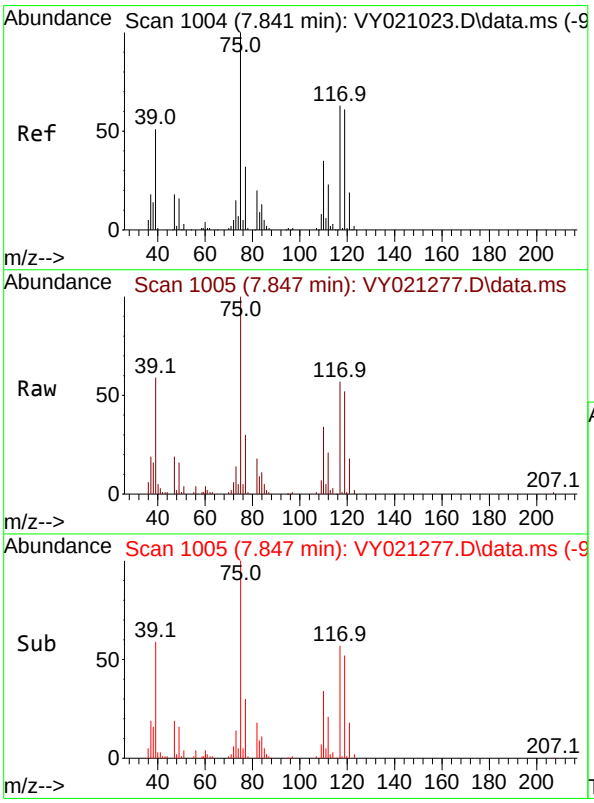
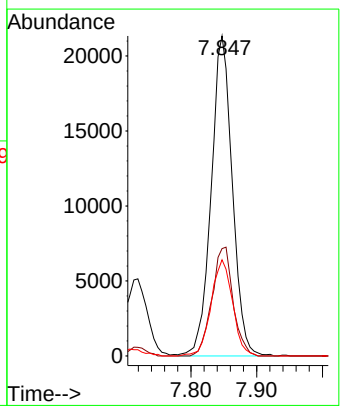
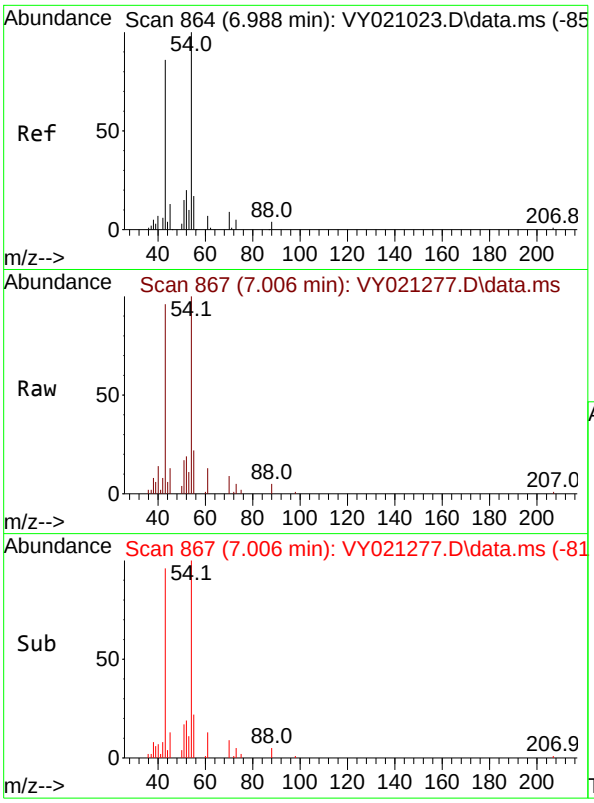


#36
1,1-Dichloropropene
Concen: 22.343 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 75 Resp: 47738

Ion	Ratio	Lower	Upper
75	100		
110	34.0	17.4	52.3
77	30.5	24.7	37.1





#37
Ethyl Acetate
Concen: 23.817 ug/l
RT: 7.006 min Scan# 8
Delta R.T. 0.018 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 43 Resp: 2232

Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.6
70	9.8	8.1	12.1

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

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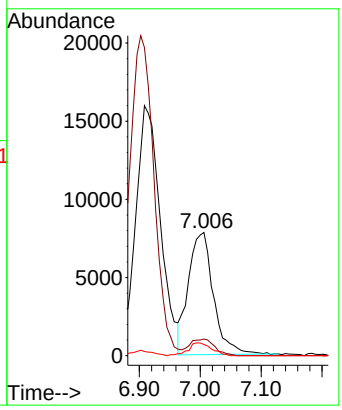
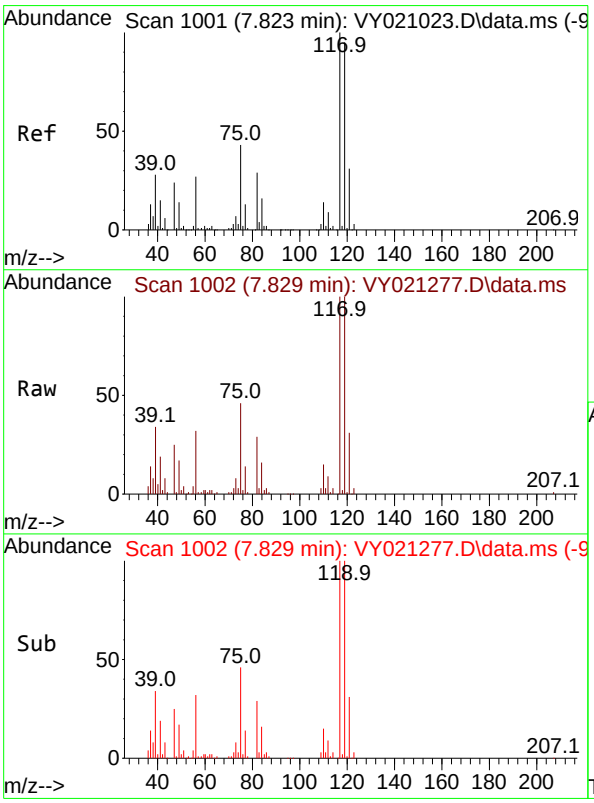
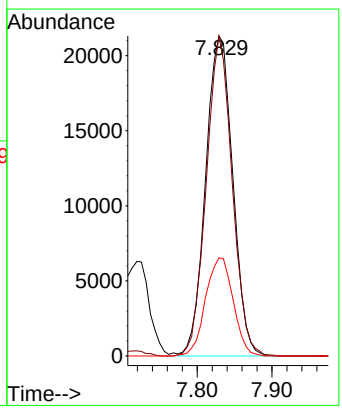


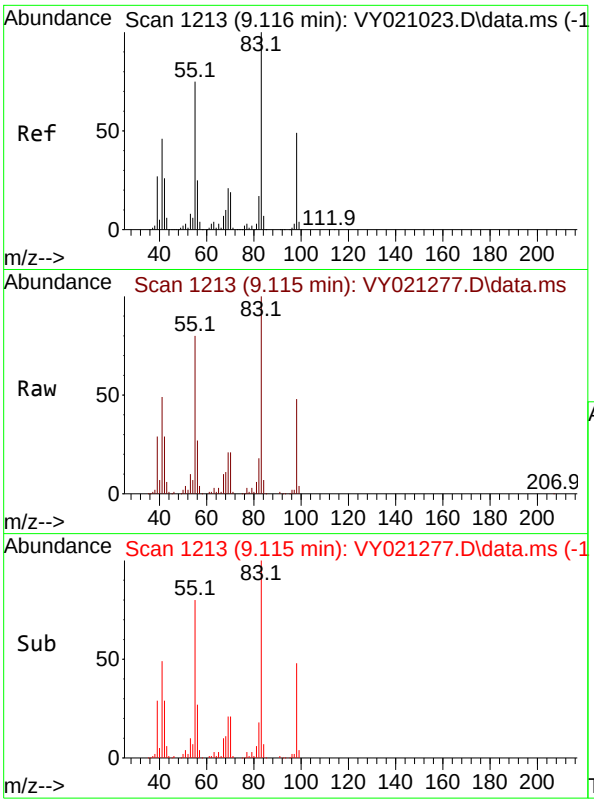


#38
Carbon Tetrachloride
Concen: 21.549 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:117 Resp: 53797

Ion	Ratio	Lower	Upper
117	100		
119	99.9	76.0	114.0
121	30.7	24.2	36.2





#39
Methylcyclohexane
Concen: 22.168 ug/l
RT: 9.115 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 83 Resp: 5793

Ion	Ratio	Lower	Upper
83	100		
55	80.2	59.7	89.5
98	47.7	38.0	57.0

Instrument :
MSVOA_Y
ClientSampleId :
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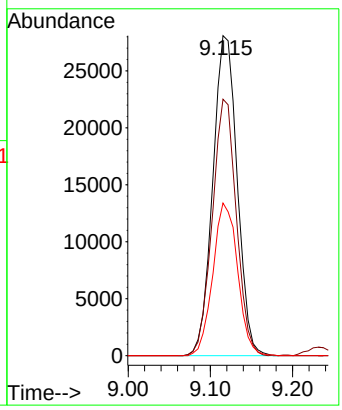
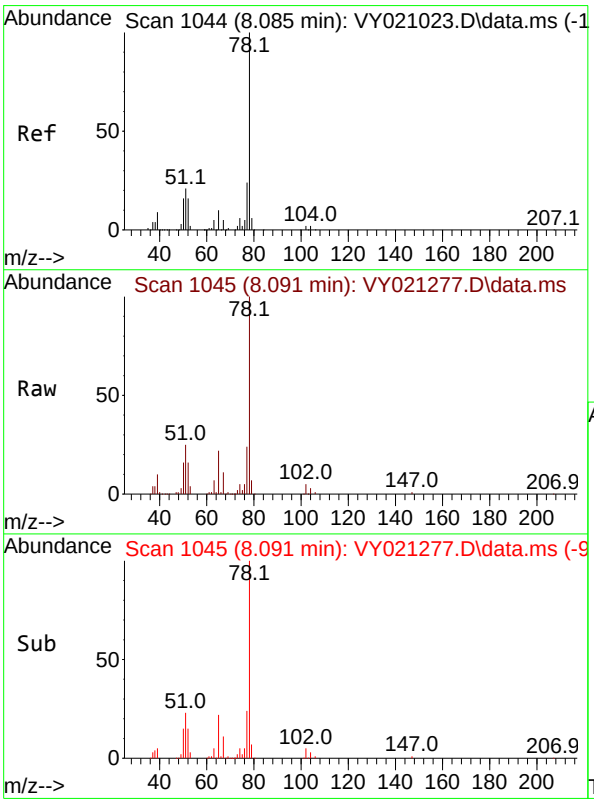
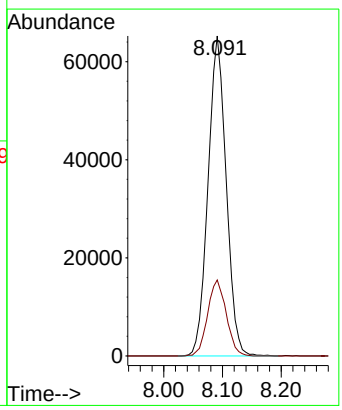


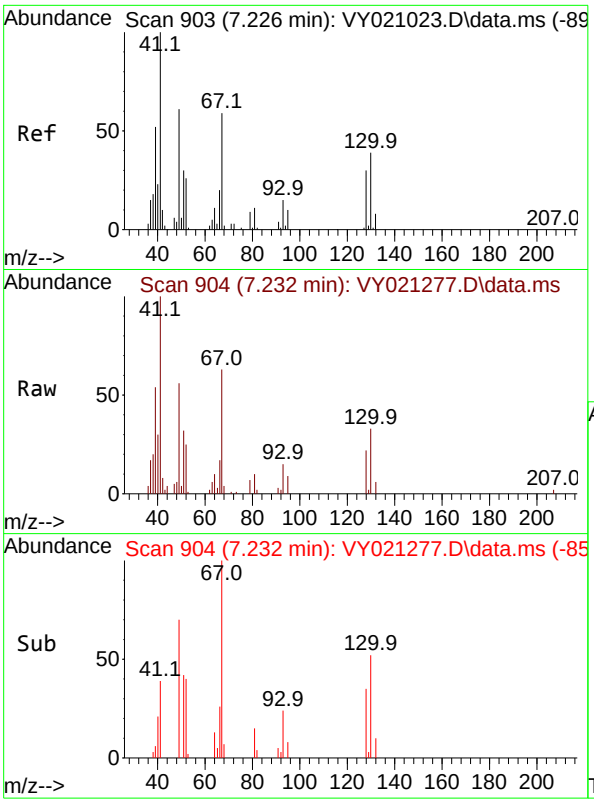


#40
Benzene
Concen: 22.315 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 78 Resp: 139916

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2

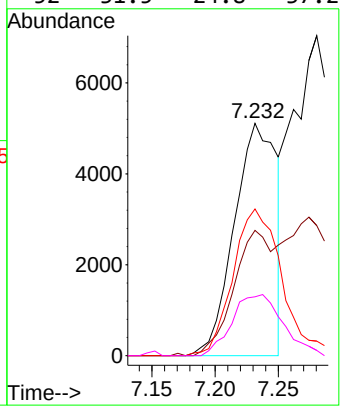




#41
Methacrylonitrile
Concen: 21.934 ug/l
RT: 7.232 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 41 Resp: 1189

Ion	Ratio	Lower	Upper
41	100		
39	46.4	41.9	62.9
67	73.4	59.8	89.6
52	31.5	24.8	37.2



Instrument :
MSVOA_Y
ClientSampleId :
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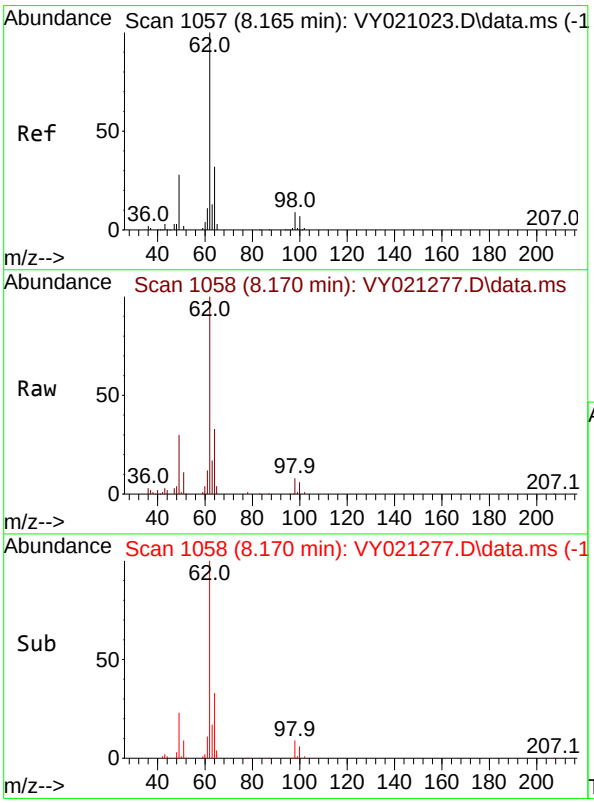
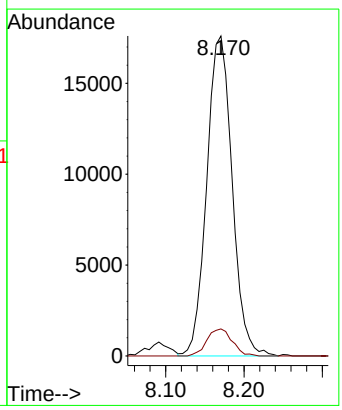
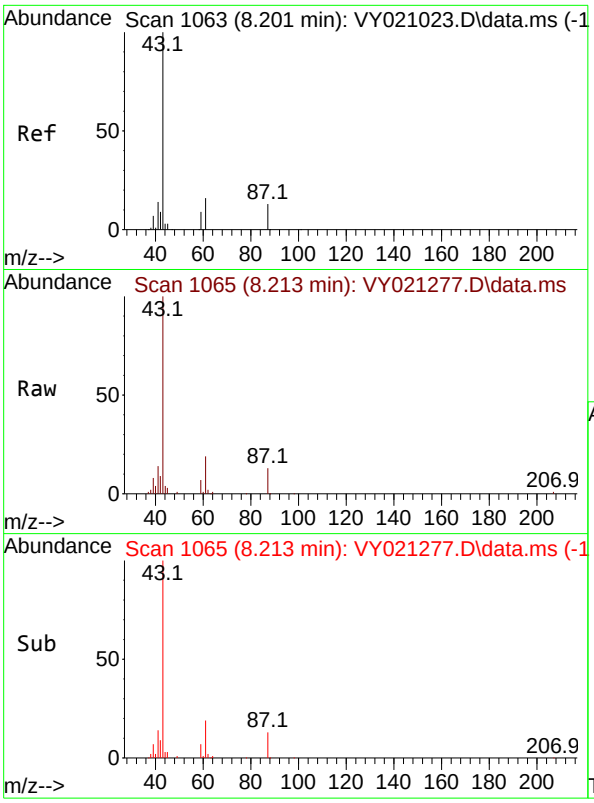


#42
1,2-Dichloroethane
Concen: 22.843 ug/l
RT: 8.170 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 62 Resp: 39732

Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	20.2

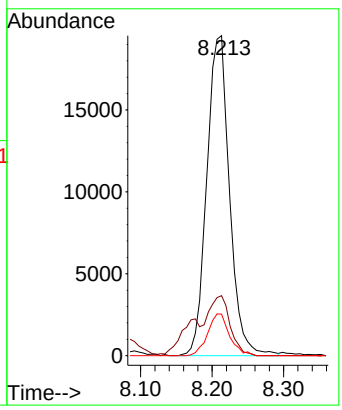




#43
Isopropyl Acetate
Concen: 23.171 ug/l
RT: 8.213 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 43 Resp: 4315

Ion	Ratio	Lower	Upper
43	100		
61	18.6	24.8	37.2
87	12.6	10.7	16.1



Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

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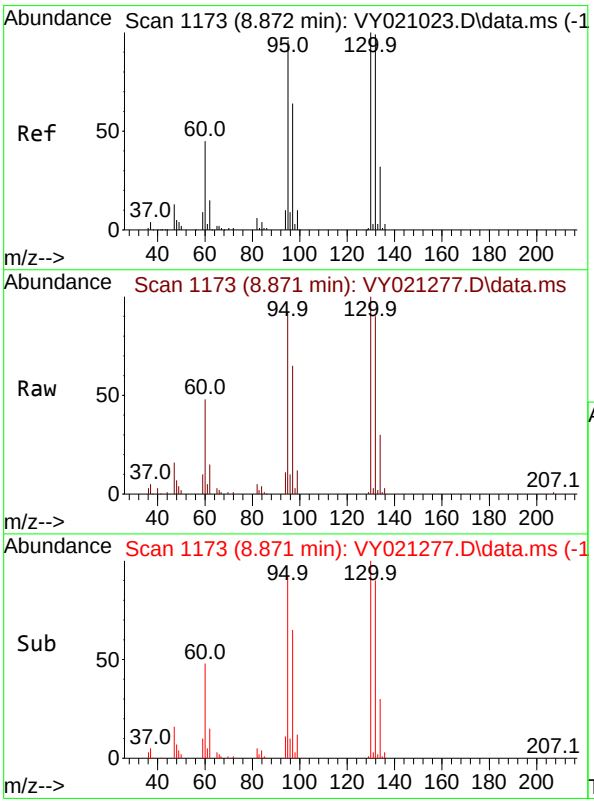
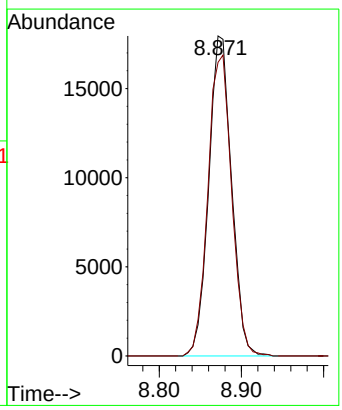
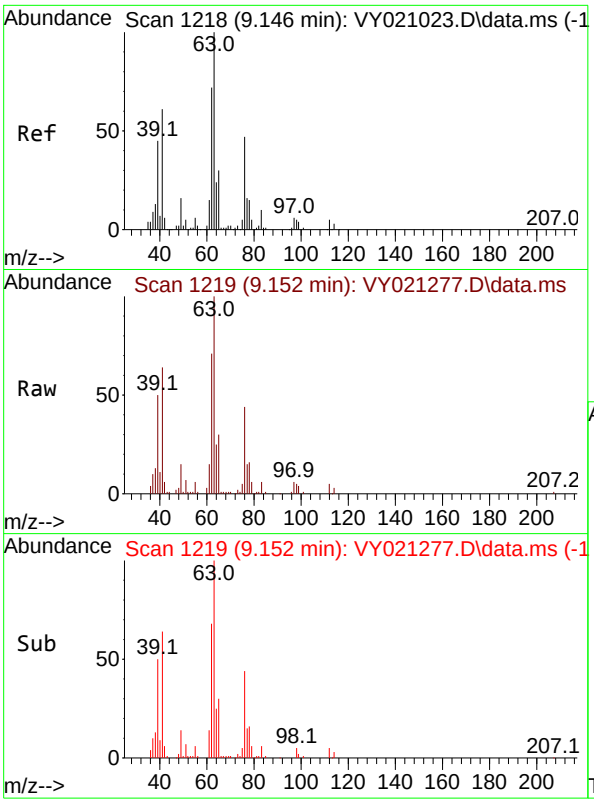


#44
Trichloroethene
Concen: 21.370 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:130 Resp: 34619

Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	203.8

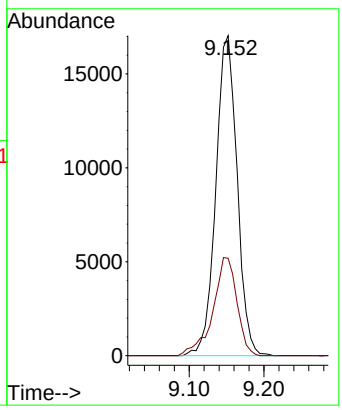




#45
1,2-Dichloropropane
Concen: 22.681 ug/l
RT: 9.152 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 63 Resp: 3375

Ion	Ratio	Lower	Upper
63	100		
65	30.5	24.6	36.8



Instrument :
MSVOA_Y
ClientSampleId :
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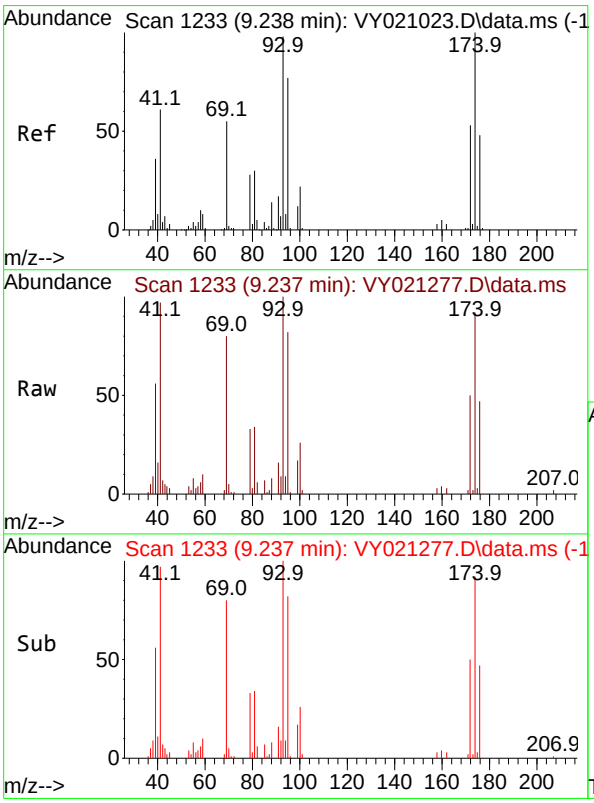
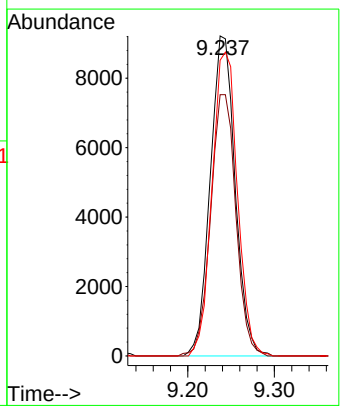
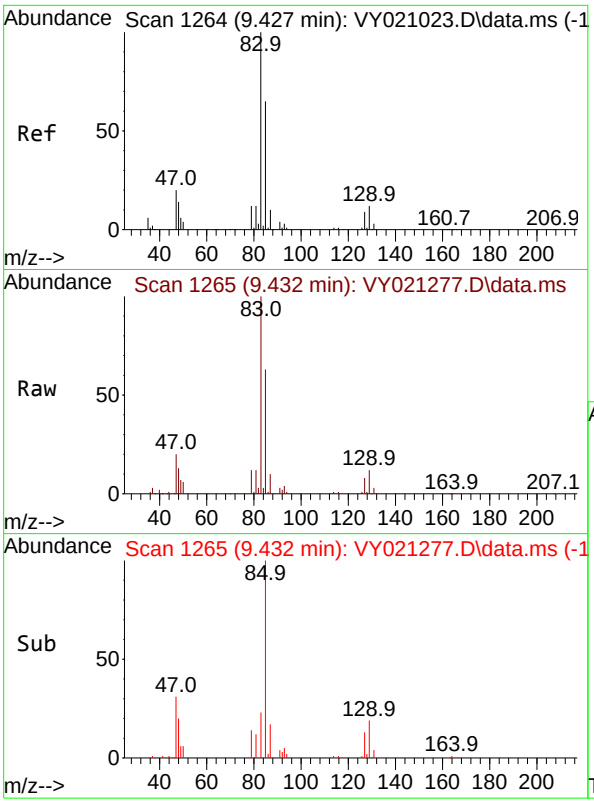


#46
Dibromomethane
Concen: 22.354 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 93 Resp: 18420

Ion	Ratio	Lower	Upper
93	100		
95	82.6	66.6	99.8
174	96.6	73.8	110.6

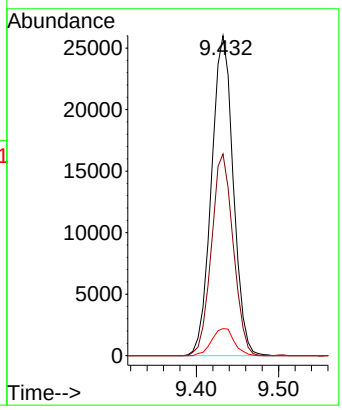




#47
Bromodichloromethane
Concen: 21.684 ug/l
RT: 9.432 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 83 Resp: 4792

Ion	Ratio	Lower	Upper
83	100		
85	63.1	53.2	79.8
127	8.4	6.4	9.6



Instrument :
MSVOA_Y
ClientSampleId :
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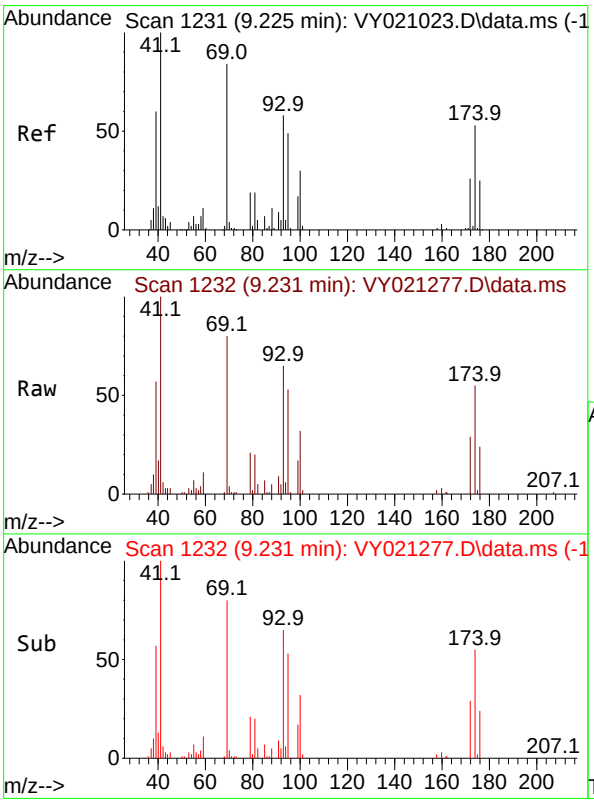
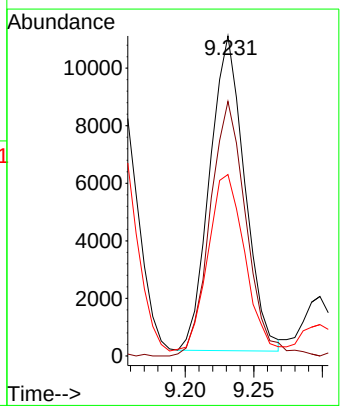
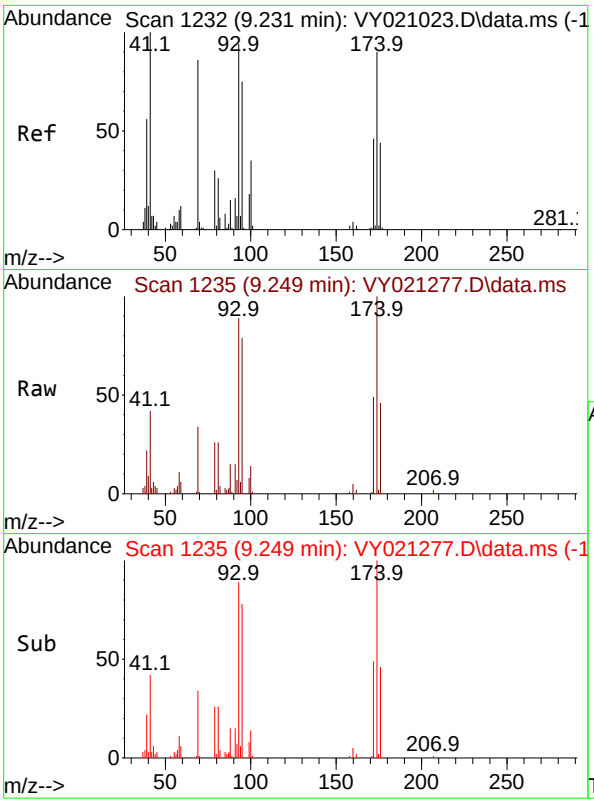


#48
Methyl methacrylate
Concen: 22.826 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 41 Resp: 19365

Ion	Ratio	Lower	Upper
41	100		
69	83.6	72.1	108.1
39	59.2	42.8	64.2

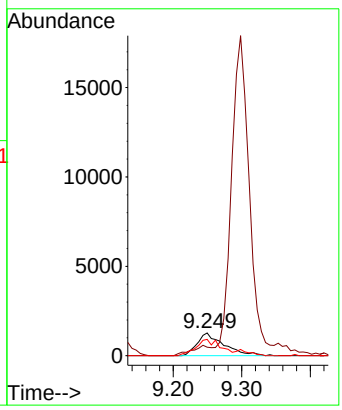




#49
1,4-Dioxane
Concen: 450.275 ug/l
RT: 9.249 min Scan# 1
Delta R.T. 0.018 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 88 Resp: 345

Ion	Ratio	Lower	Upper
88	100		
43	32.1	28.2	42.4
58	65.4	52.2	78.2



Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

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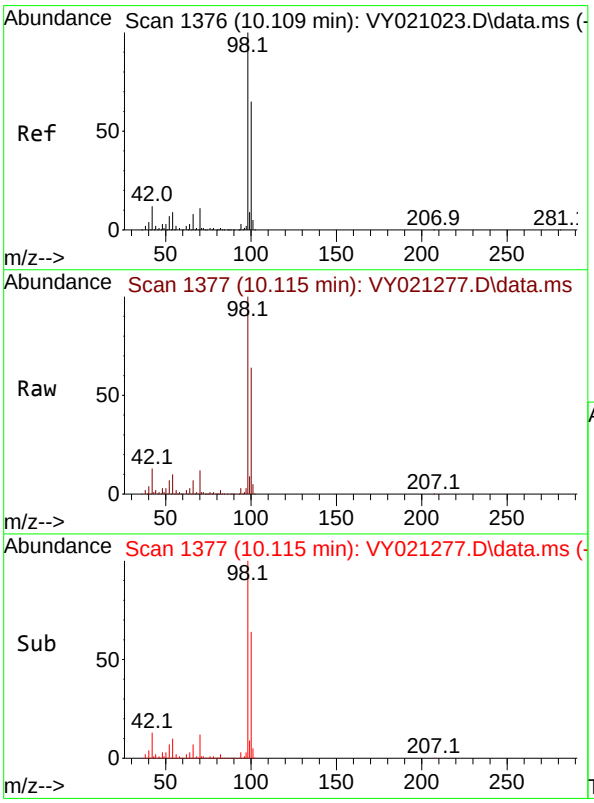
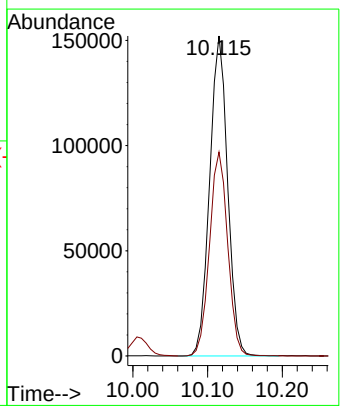
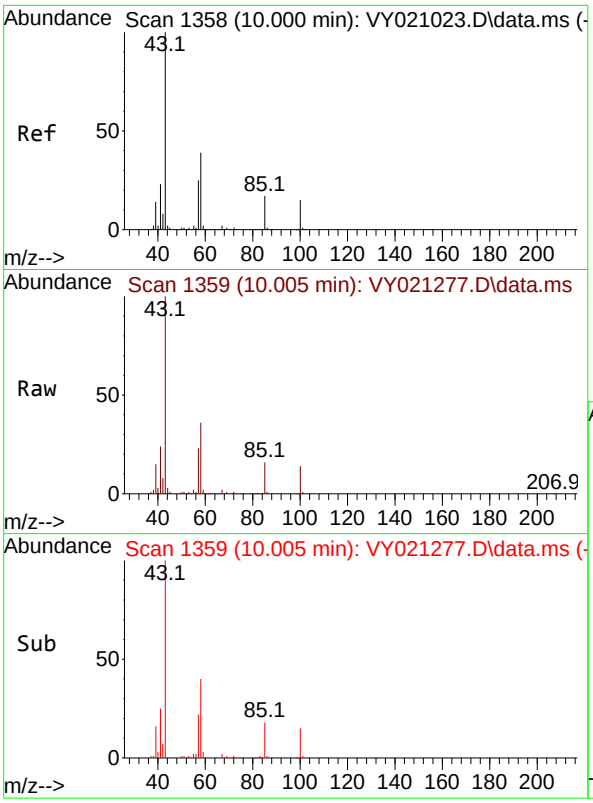


#50
Toluene-d8
Concen: 46.355 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 98 Resp: 254568

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.3	78.5

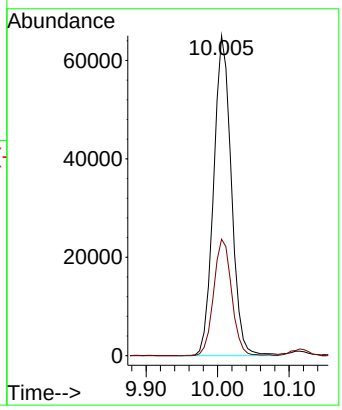




#51
4-Methyl-2-Pentanone
Concen: 119.282 ug/l
RT: 10.005 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 43 Resp: 11171

Ion	Ratio	Lower	Upper
43	100		
58	37.2	32.2	48.2



Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

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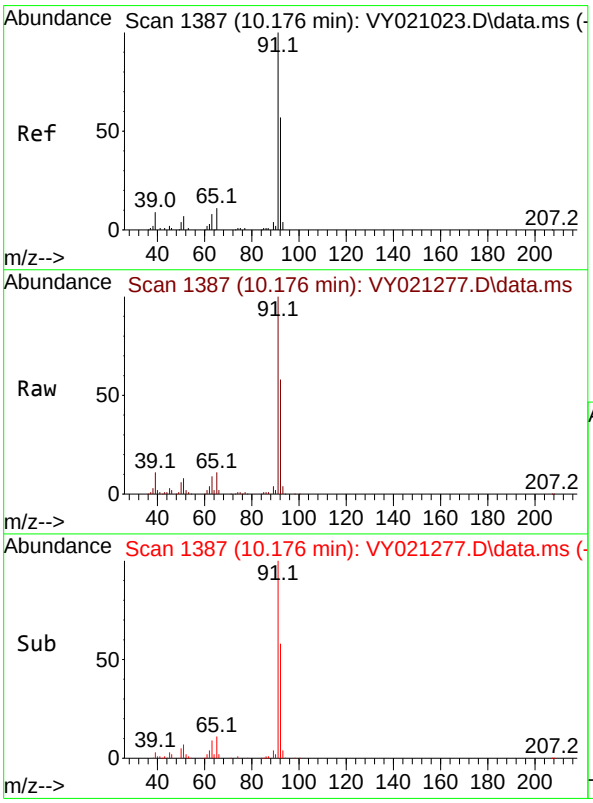
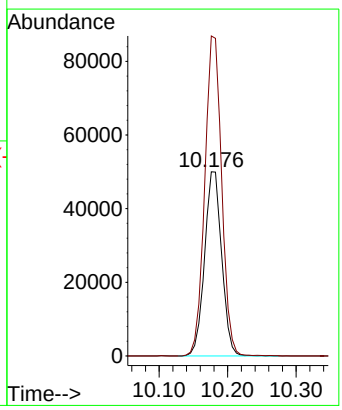
Reviewed By :Romaben Patel 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

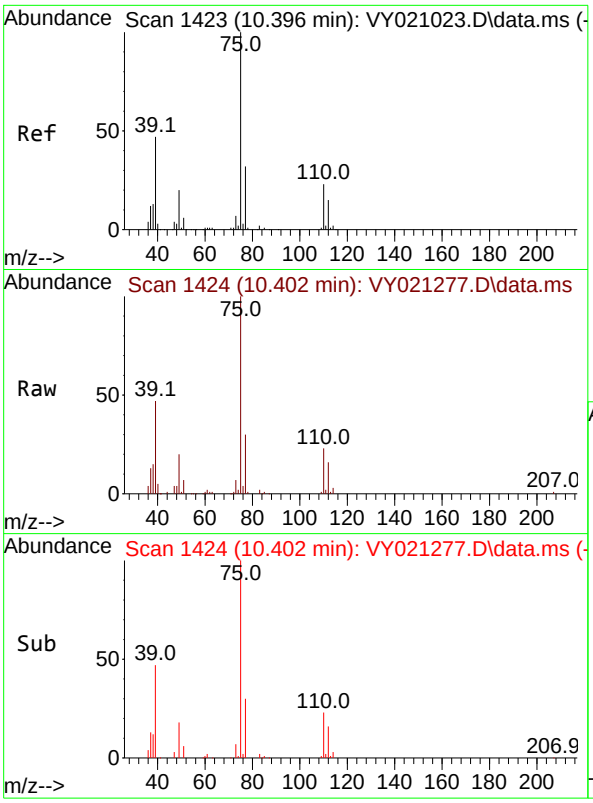


#52
Toluene
Concen: 22.059 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 92 Resp: 86849

Ion	Ratio	Lower	Upper
92	100		
91	171.9	137.6	206.4





#53
t-1,3-Dichloropropene
Concen: 21.936 ug/l
RT: 10.402 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 75 Resp: 4352

Ion	Ratio	Lower	Upper
75	100		
77	30.5	24.6	36.8

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

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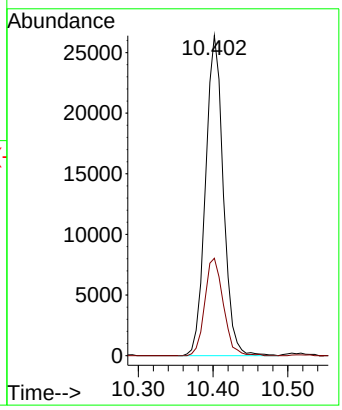
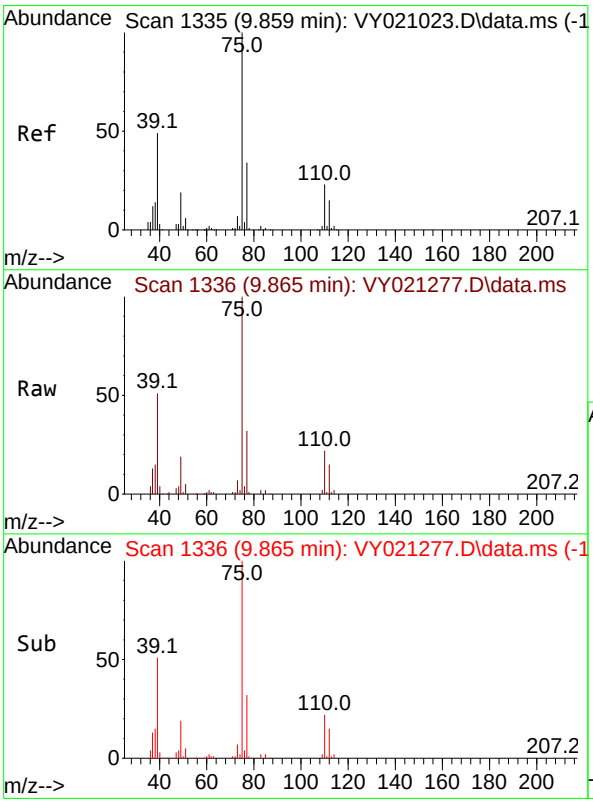
Reviewed By :Romaben Patel 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

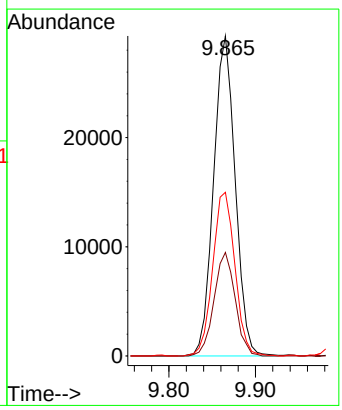


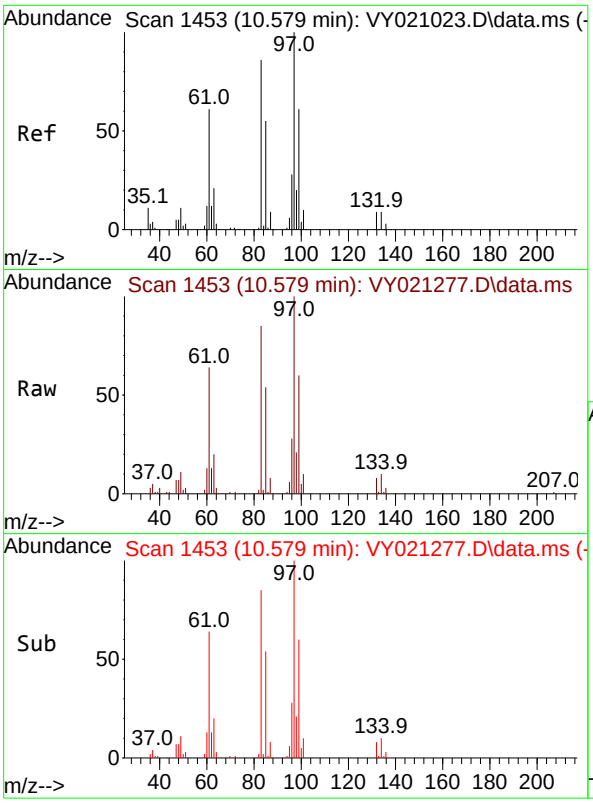


#54
cis-1,3-Dichloropropene
Concen: 21.615 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 75 Resp: 50785

Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.6	36.8
39	51.2	33.6	50.4#

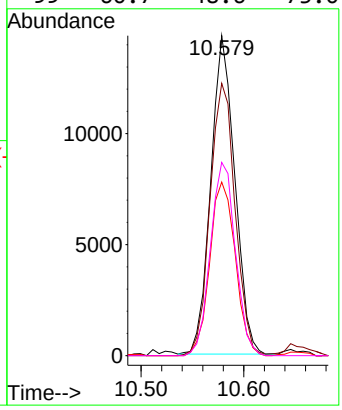




#55
1,1,2-Trichloroethane
Concen: 21.828 ug/l
RT: 10.579 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 97 Resp: 2329

Ion	Ratio	Lower	Upper
97	100		
83	85.5	69.4	104.2
85	54.5	43.9	65.9
99	60.7	48.6	73.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

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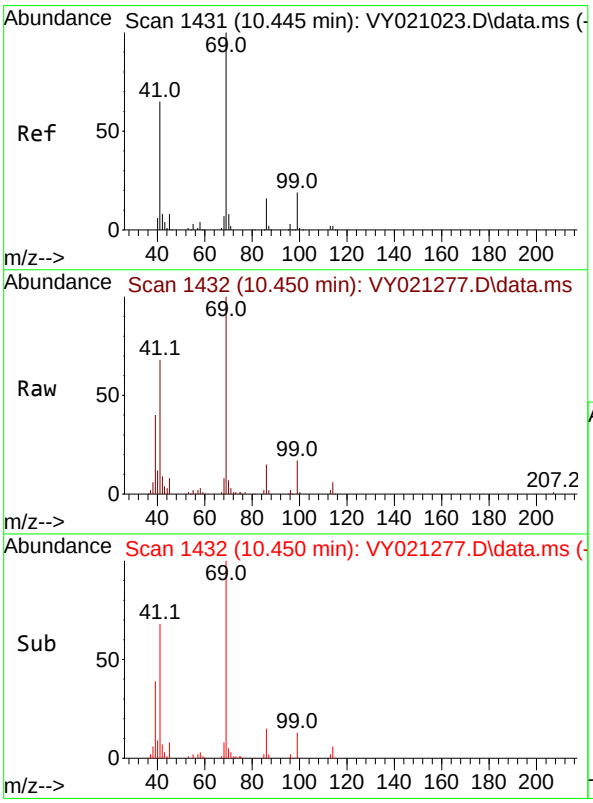
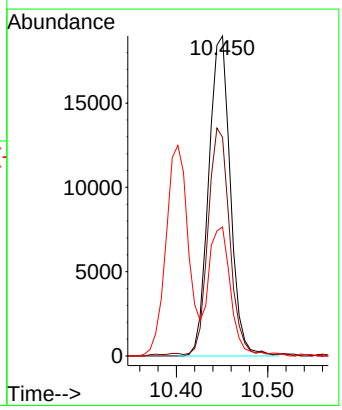
Supervised By :Mahesh Dadoda 02/24/2025

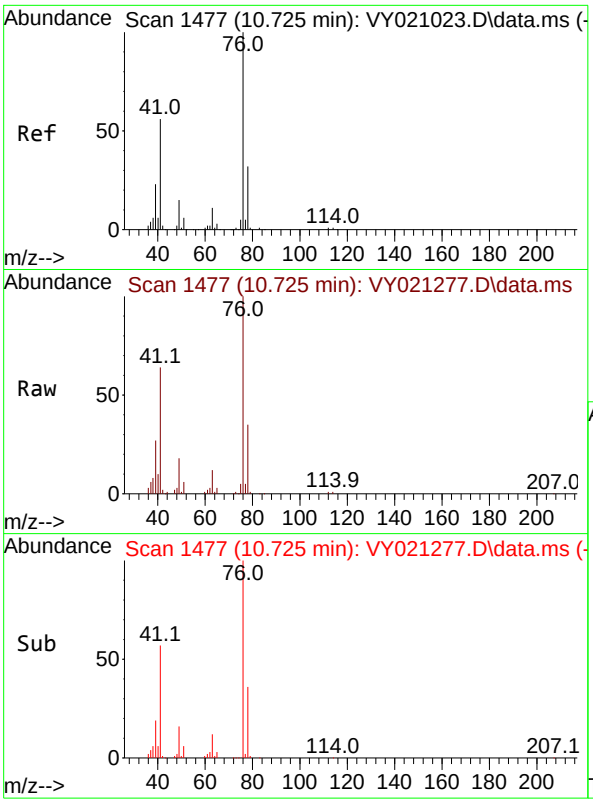


#56
Ethyl methacrylate
Concen: 21.863 ug/l
RT: 10.450 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 69 Resp: 31208

Ion	Ratio	Lower	Upper
69	100		
41	72.5	49.2	73.8
39	41.0	26.8	40.2#





#57
1,3-Dichloropropane
Concen: 22.249 ug/l
RT: 10.725 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 76 Resp: 4109

Ion	Ratio	Lower	Upper
76	100		
78	33.4	26.1	39.1

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

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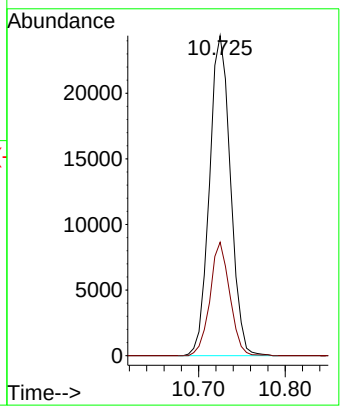
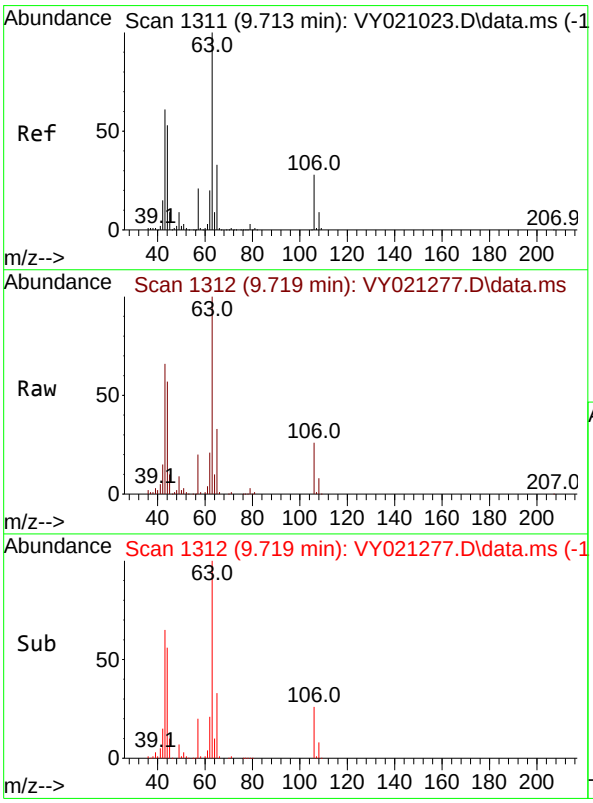
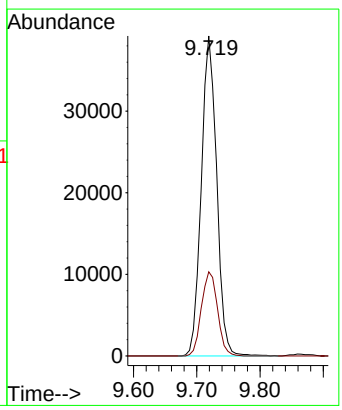


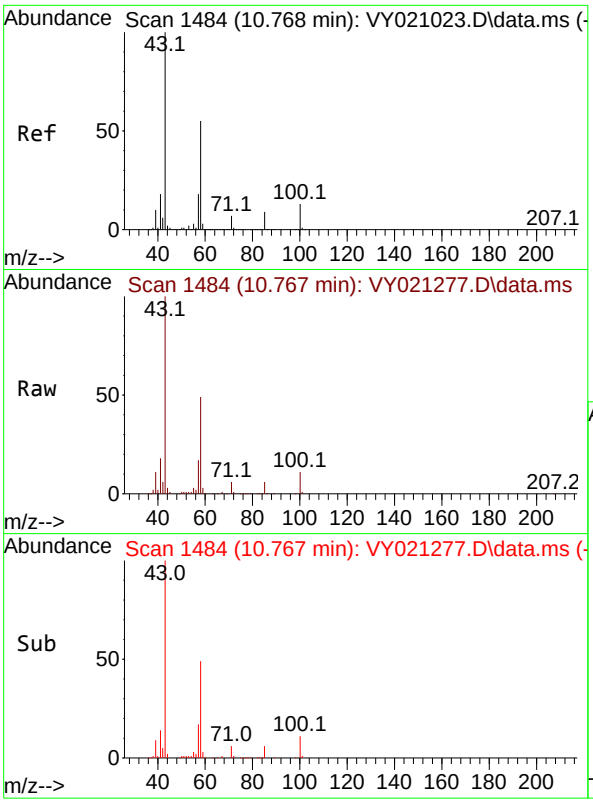


#58
2-Chloroethyl Vinyl ether
Concen: 97.833 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 63 Resp: 66439

Ion	Ratio	Lower	Upper
63	100		
106	27.5	22.4	33.6





#59
2-Hexanone
Concen: 119.221 ug/l
RT: 10.767 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 43 Resp: 7189

Ion	Ratio	Lower	Upper
43	100		
58	51.2	28.1	84.3

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

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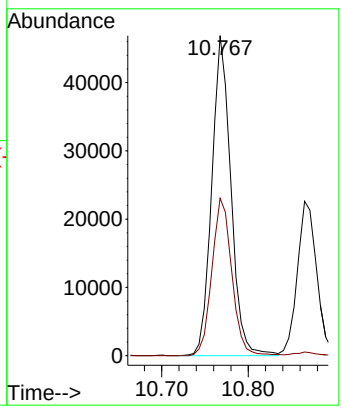
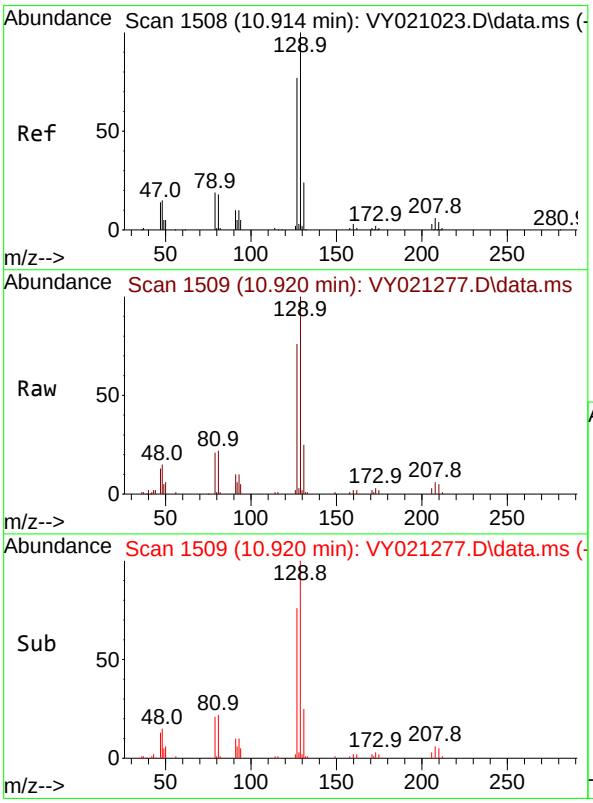
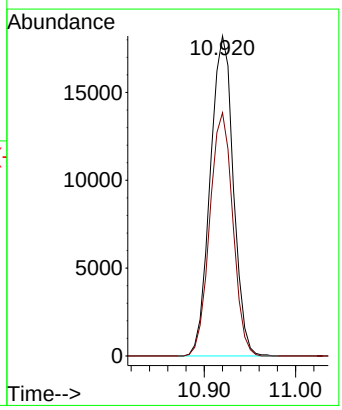


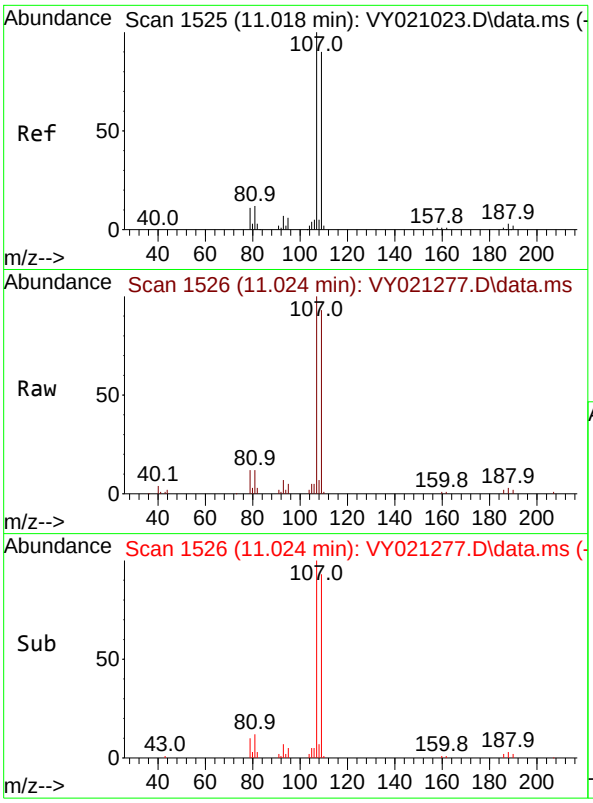


#60
Dibromochloromethane
Concen: 21.347 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:129 Resp: 31988

Ion	Ratio	Lower	Upper
129	100		
127	75.7	39.2	117.6





#61
1,2-Dibromoethane
Concen: 22.073 ug/l
RT: 11.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:107 Resp: 2206

Ion	Ratio	Lower	Upper
107	100		
109	92.4	75.4	113.2

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

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Reviewed By :Romaben Patel 02/24/2025
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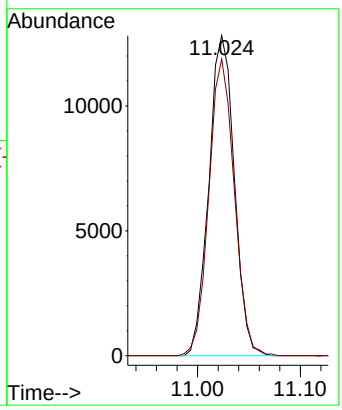
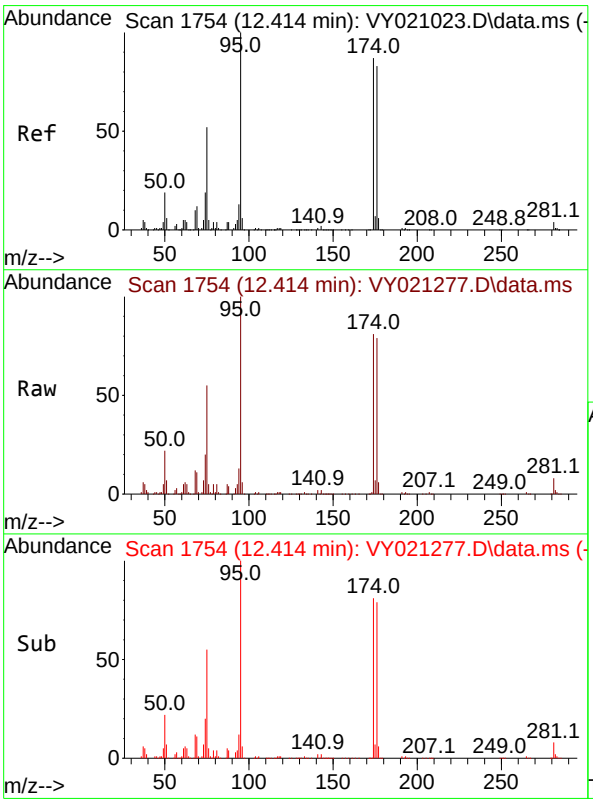
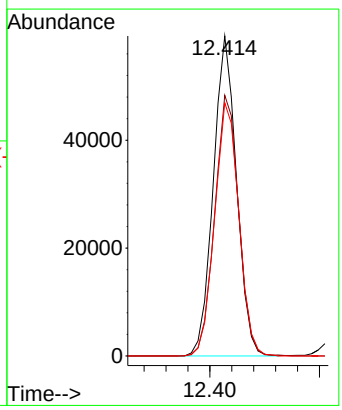


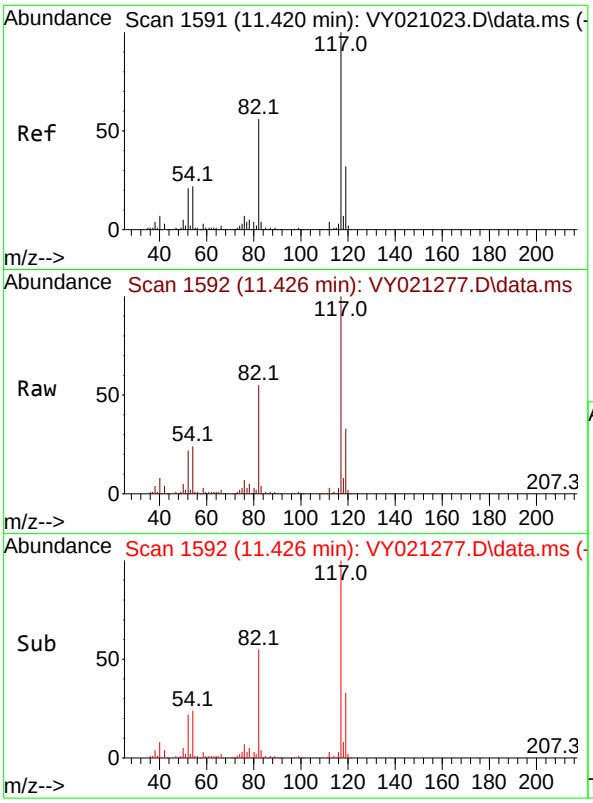


#62
4-Bromofluorobenzene
Concen: 48.693 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 95 Resp: 87361

Ion	Ratio	Lower	Upper
95	100		
174	83.9	0.0	160.0
176	82.4	0.0	151.8

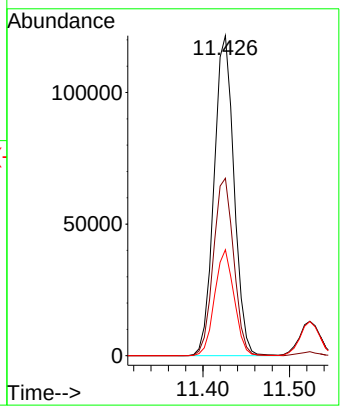




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:117 Resp: 19470

Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.8	65.8
119	33.1	26.5	39.7



Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Manual Integrations
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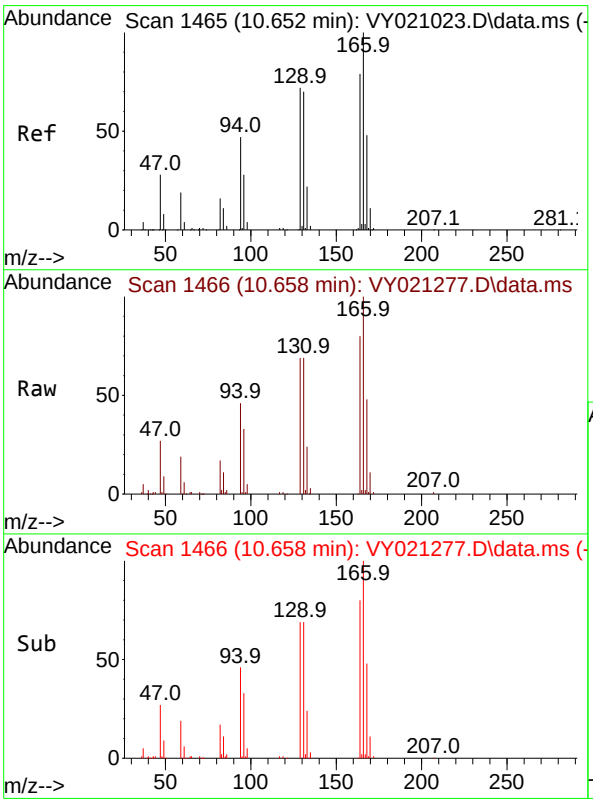
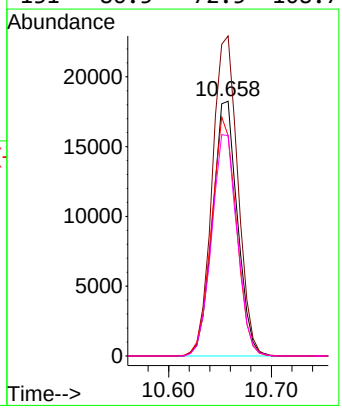
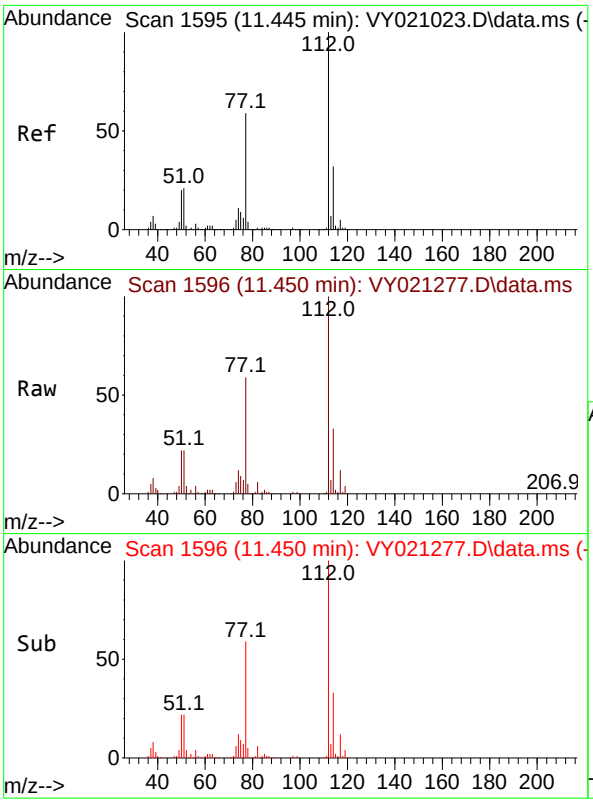


#64
Tetrachloroethene
Concen: 21.248 ug/l
RT: 10.658 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:164 Resp: 30712

Ion	Ratio	Lower	Upper
164	100		
166	125.6	98.8	148.2
129	86.5	78.9	118.3
131	86.5	72.5	108.7





#65
Chlorobenzene
Concen: 21.200 ug/l
RT: 11.450 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:112 Resp: 9191

Ion	Ratio	Lower	Upper
112	100		
114	32.9	26.1	39.1

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

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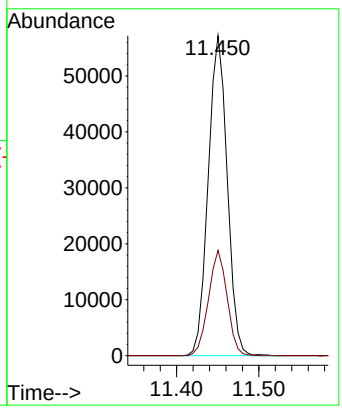
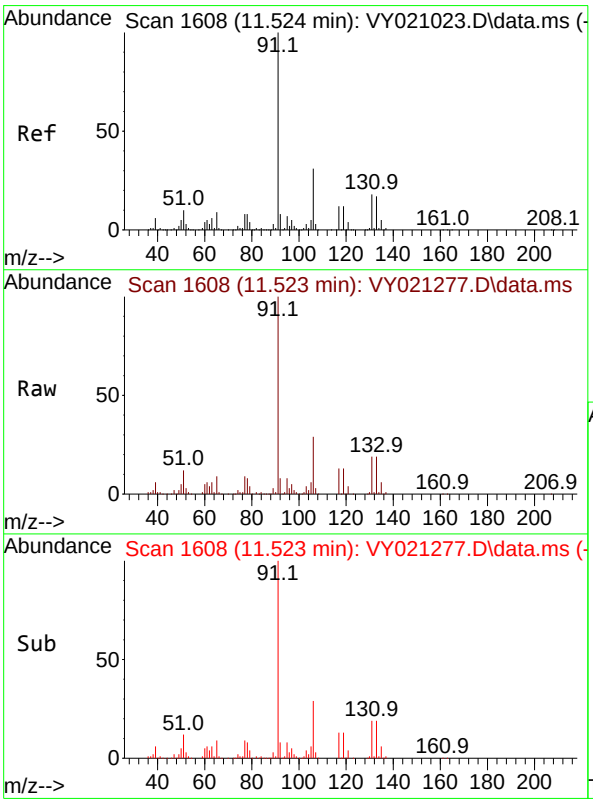
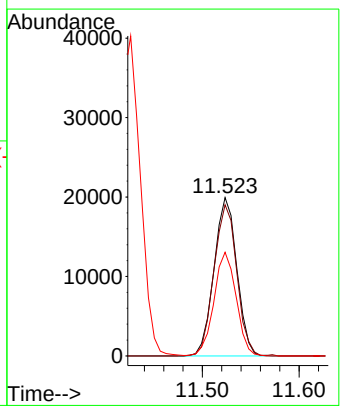


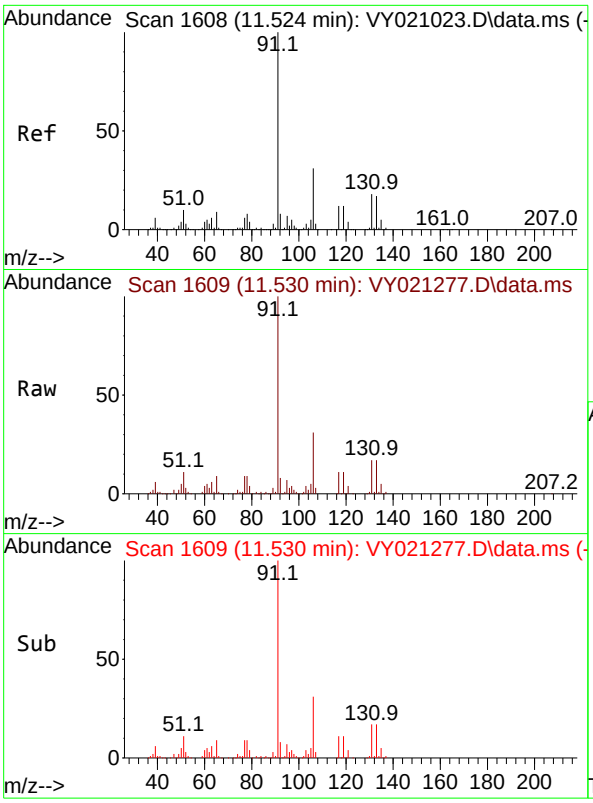


#66
1,1,1,2-Tetrachloroethane
Concen: 21.186 ug/l
RT: 11.523 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:131 Resp: 32642

Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.0	141.0
119	63.7	33.3	99.9

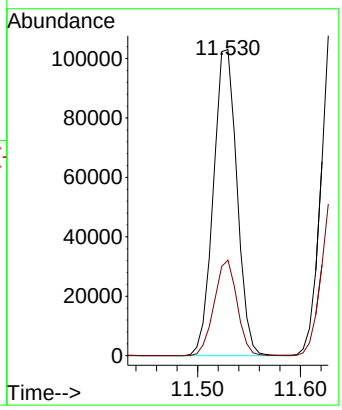




#67
Ethyl Benzene
Concen: 21.438 ug/l
RT: 11.530 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 91 Resp: 16439

Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.0	37.4



Instrument :
MSVOA_Y
ClientSampleId :
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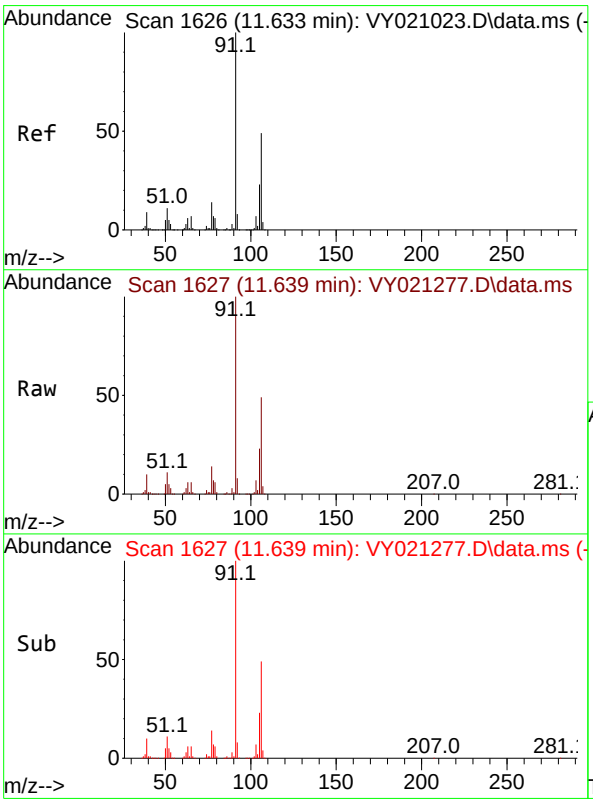
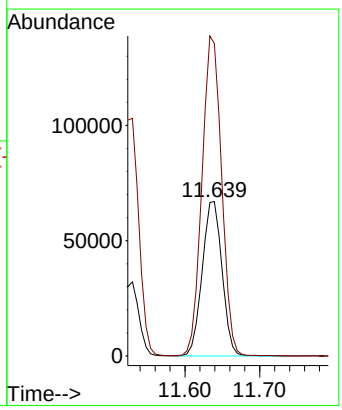
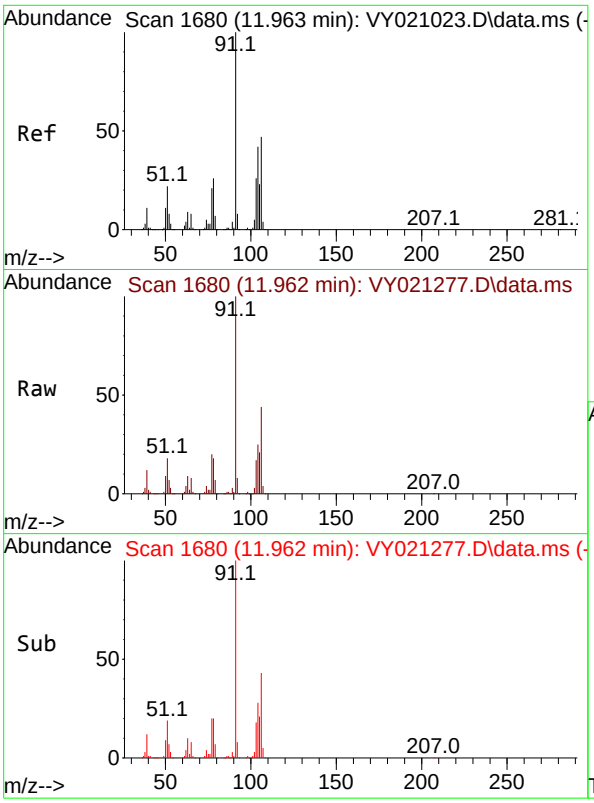


#68
m/p-Xylenes
Concen: 43.015 ug/l
RT: 11.639 min Scan# 1627
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:106 Resp: 123398

Ion	Ratio	Lower	Upper
106	100		
91	204.8	160.7	241.1

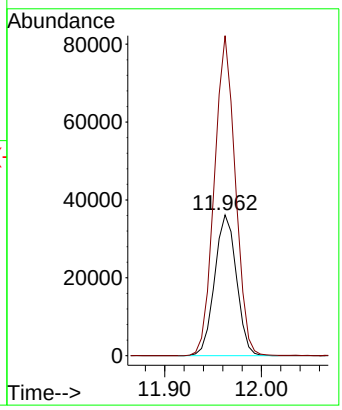




#69
o-Xylene
Concen: 21.175 ug/l
RT: 11.962 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:106 Resp: 5663

Ion	Ratio	Lower	Upper
106	100		
91	218.4	106.5	319.5



Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

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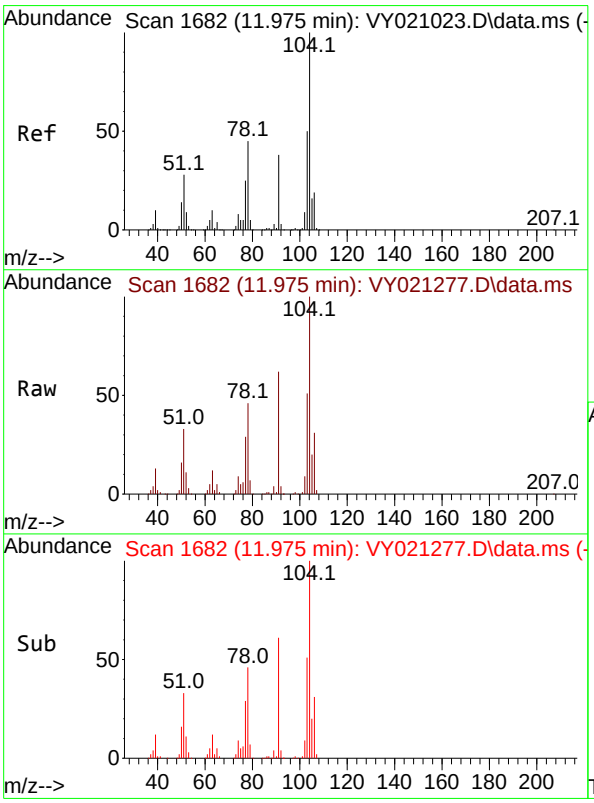
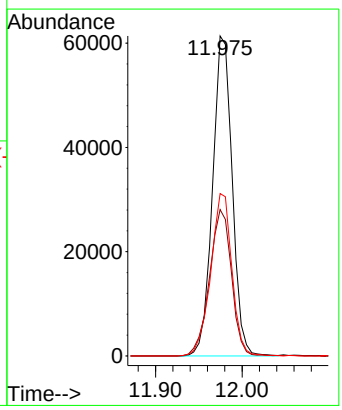
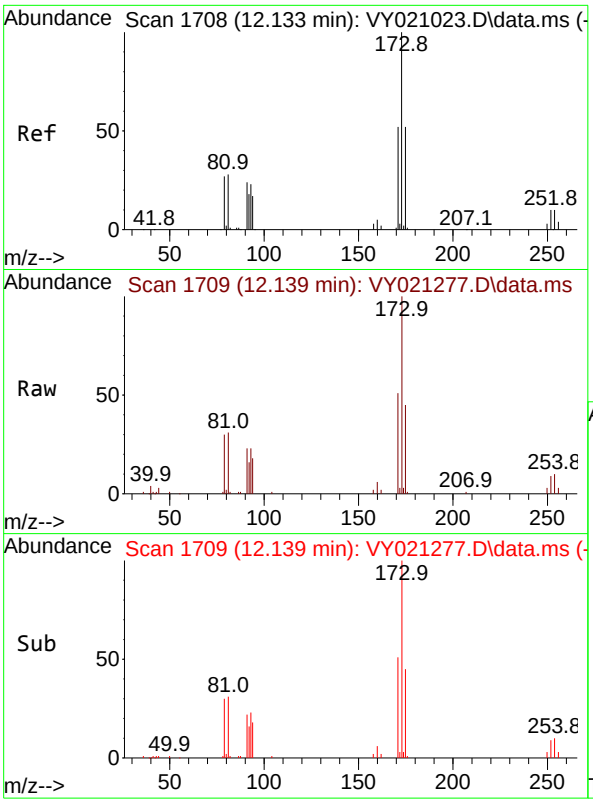


#70
Styrene
Concen: 21.667 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:104 Resp: 96585

Ion	Ratio	Lower	Upper
104	100		
78	51.2	39.2	58.8
103	54.8	43.8	65.6

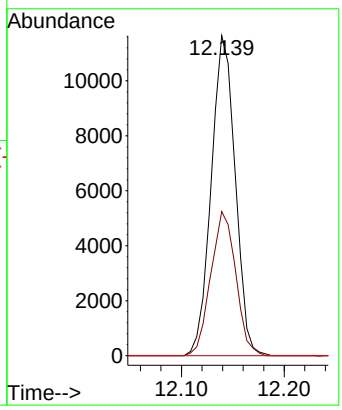




#71
Bromoform
Concen: 21.969 ug/l
RT: 12.139 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:173 Resp: 1884

Ion	Ratio	Lower	Upper
173	100		
175	47.0	23.5	70.6
254	0.0	0.0	0.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

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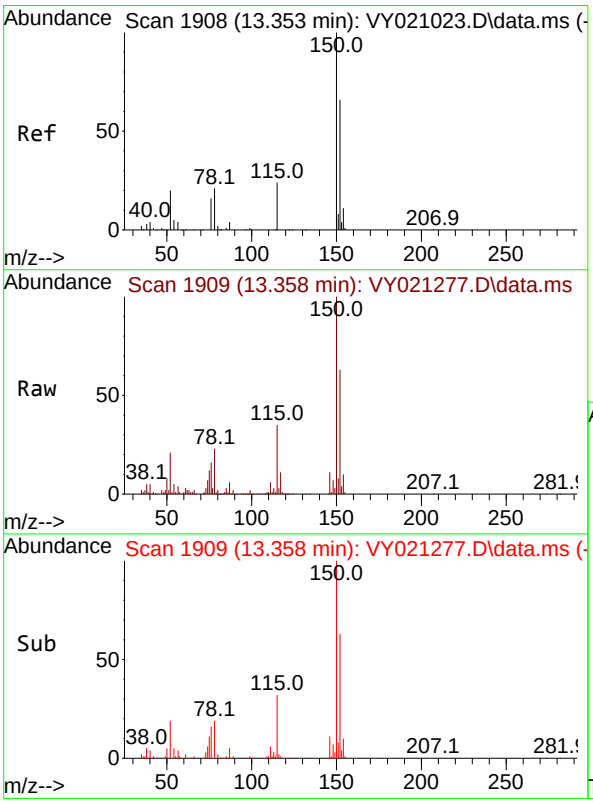
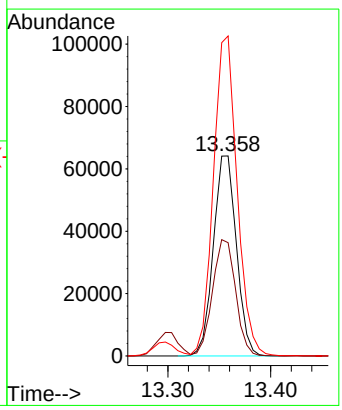
Supervised By :Mahesh Dadoda 02/24/2025

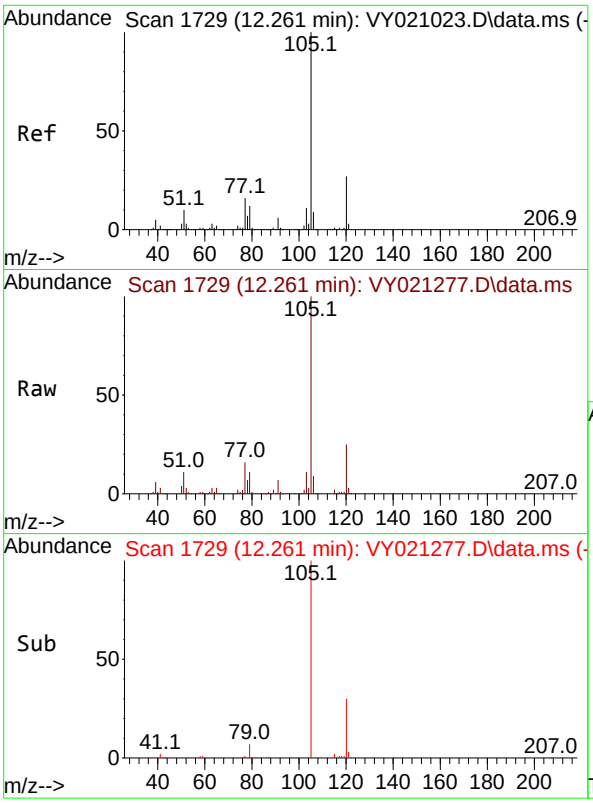


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.358 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:152 Resp: 99790

Ion	Ratio	Lower	Upper
152	100		
115	58.5	30.0	90.0
150	164.7	0.0	344.6

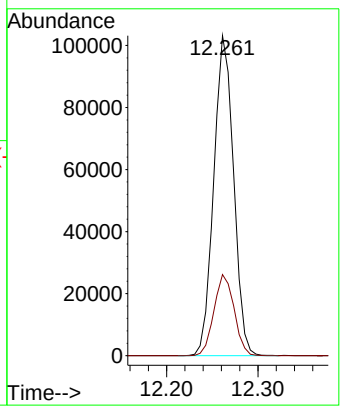




#73
Isopropylbenzene
Concen: 19.951 ug/l
RT: 12.261 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:105 Resp: 15552

Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.0	39.0



Instrument :
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ClientSampleId :
VY0221SBS01

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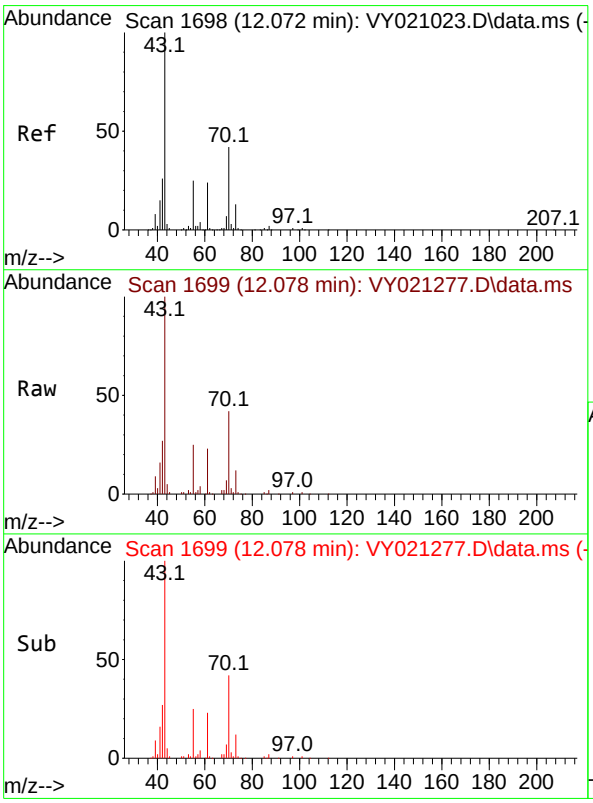
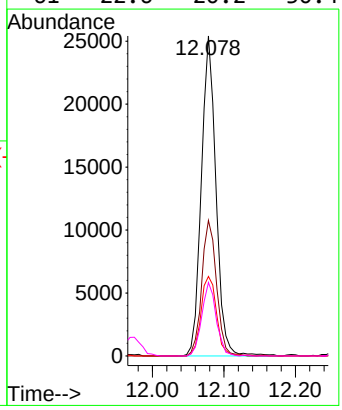
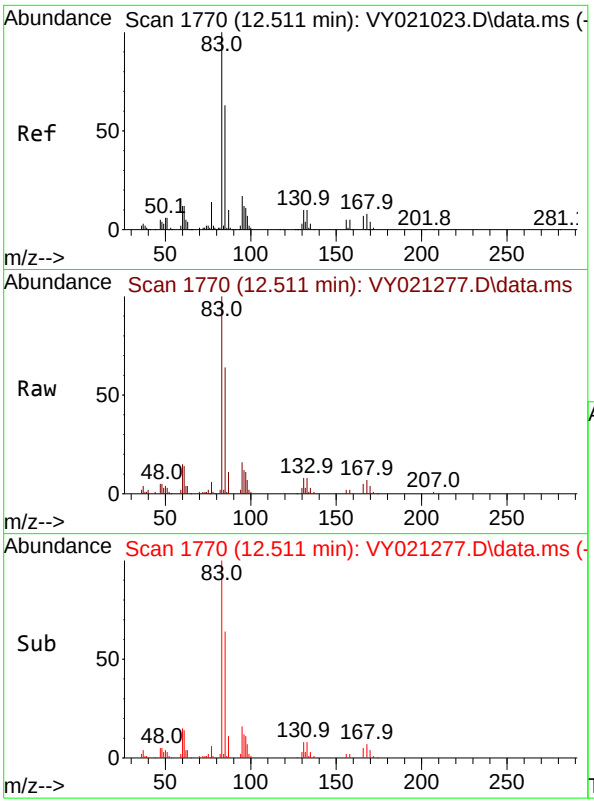


#74
N-amyl acetate
Concen: 21.227 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 43 Resp: 36176

Ion	Ratio	Lower	Upper
43	100		
70	42.6	36.6	55.0
55	26.4	22.2	33.4
61	22.6	20.2	30.4

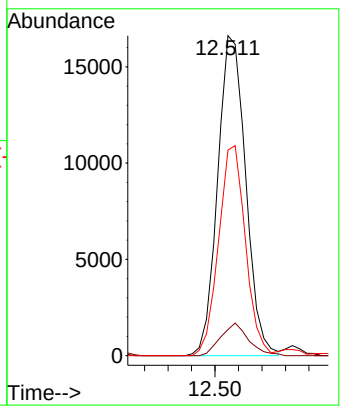




#75
1,1,2,2-Tetrachloroethane
Concen: 21.254 ug/l
RT: 12.511 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 83 Resp: 2755

Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.9	14.6
85	63.2	32.6	98.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

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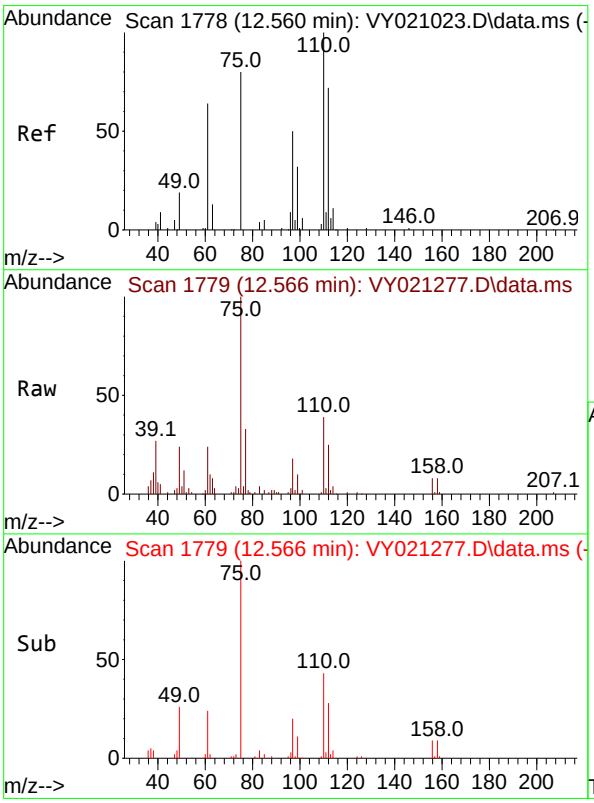
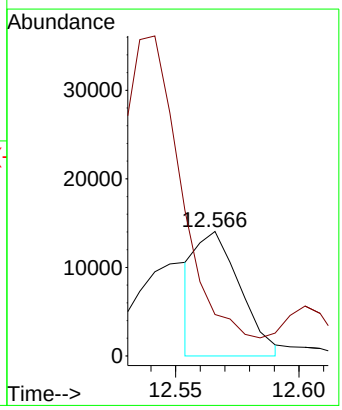
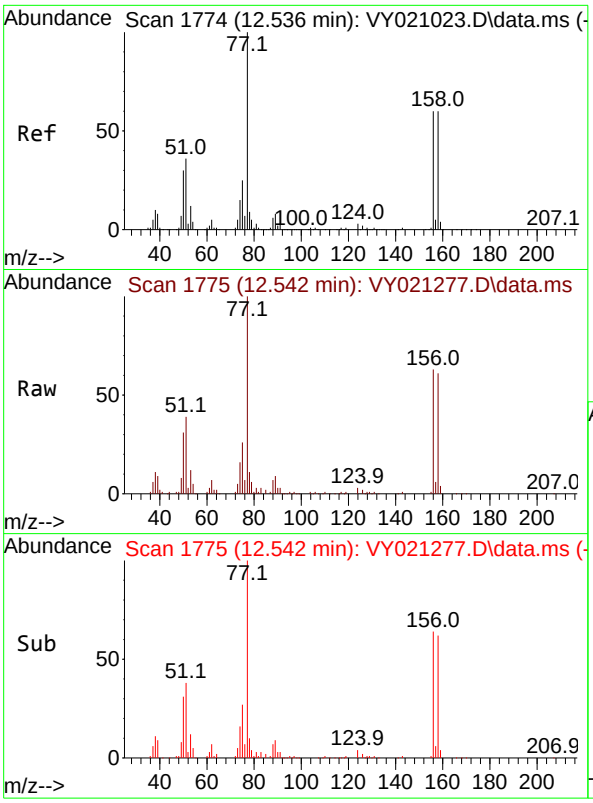


#76
1,2,3-Trichloropropane
Concen: 19.346 ug/l m
RT: 12.566 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 75 Resp: 17512

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

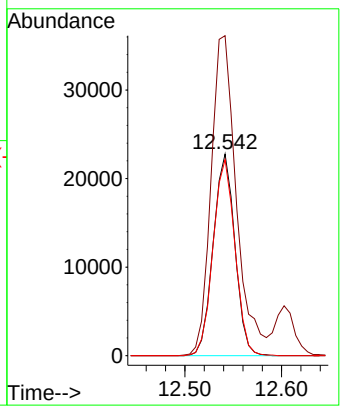




#77
Bromobenzene
Concen: 19.653 ug/l
RT: 12.542 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:156 Resp: 3535

Ion	Ratio	Lower	Upper
156	100		
77	186.1	97.3	291.8
158	98.6	48.4	145.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

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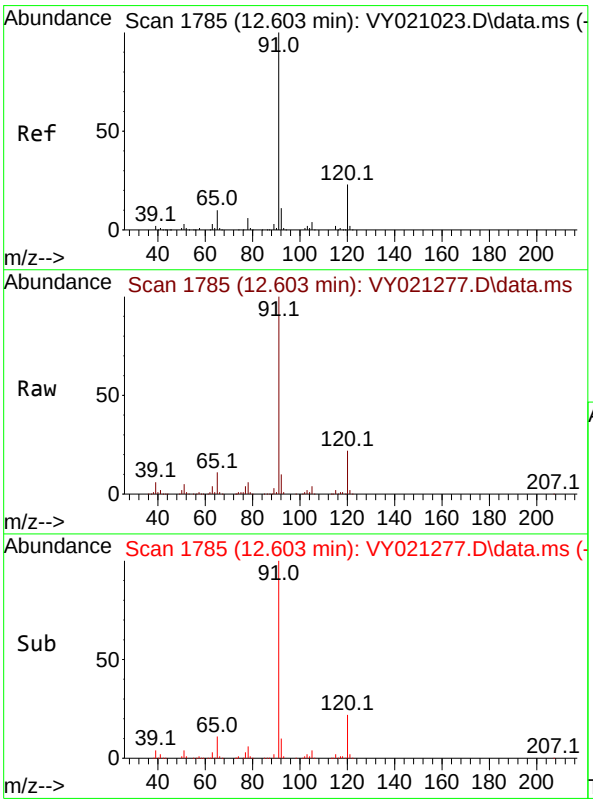
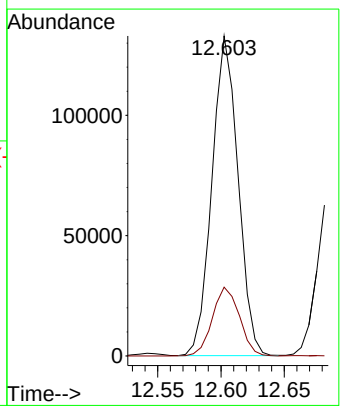
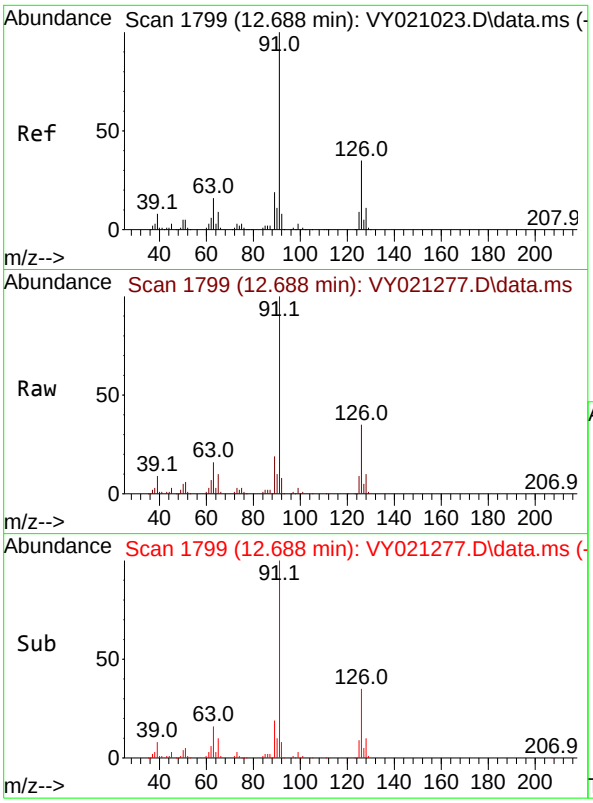


#78
n-propylbenzene
Concen: 20.542 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 91 Resp: 190748

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.0	33.0

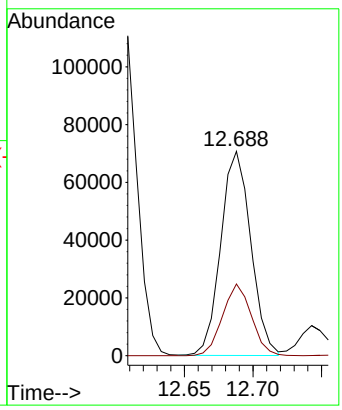




#79
2-Chlorotoluene
Concen: 20.232 ug/l
RT: 12.688 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 91 Resp: 10760

Ion	Ratio	Lower	Upper
91	100		
126	33.7	17.0	51.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

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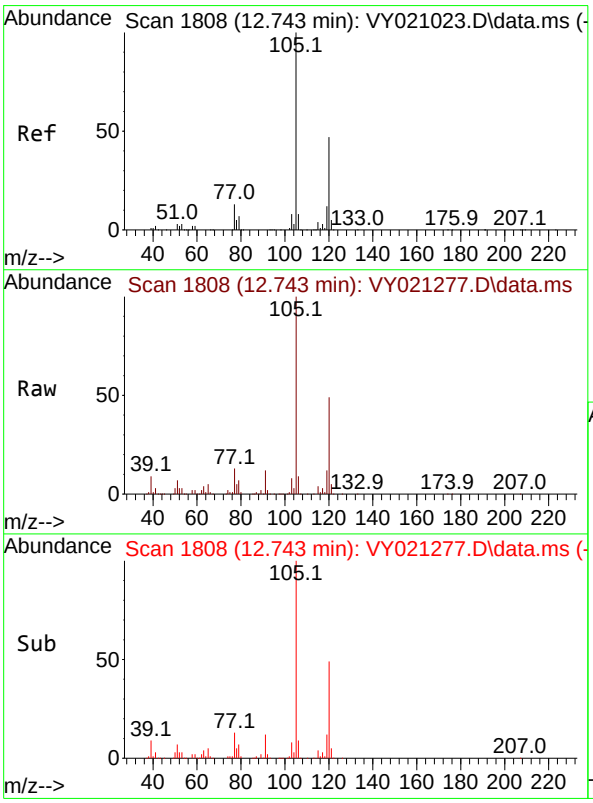
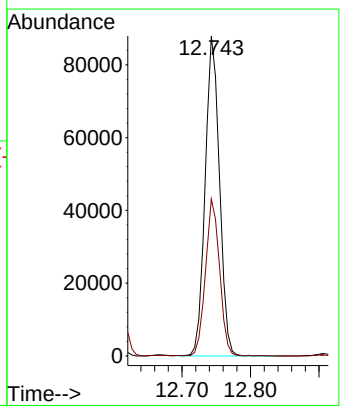
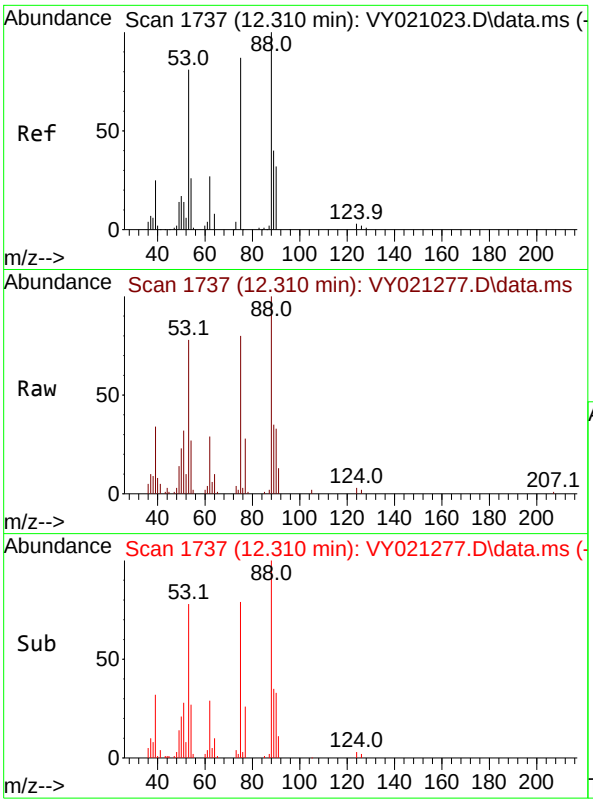


#80
1,3,5-Trimethylbenzene
Concen: 20.268 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:105 Resp: 128095

Ion	Ratio	Lower	Upper
105	100		
120	48.2	24.3	72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 20.400 ug/l
RT: 12.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 75 Resp: 905

Ion	Ratio	Lower	Upper
75	100		
53	98.6	74.0	111.0
89	45.3	36.5	54.7

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Manual Integrations
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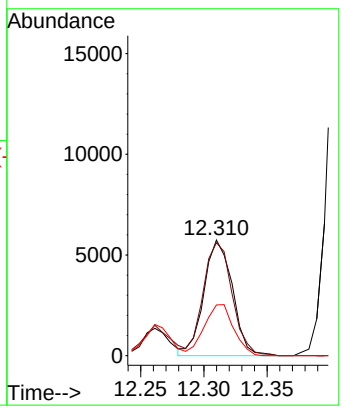
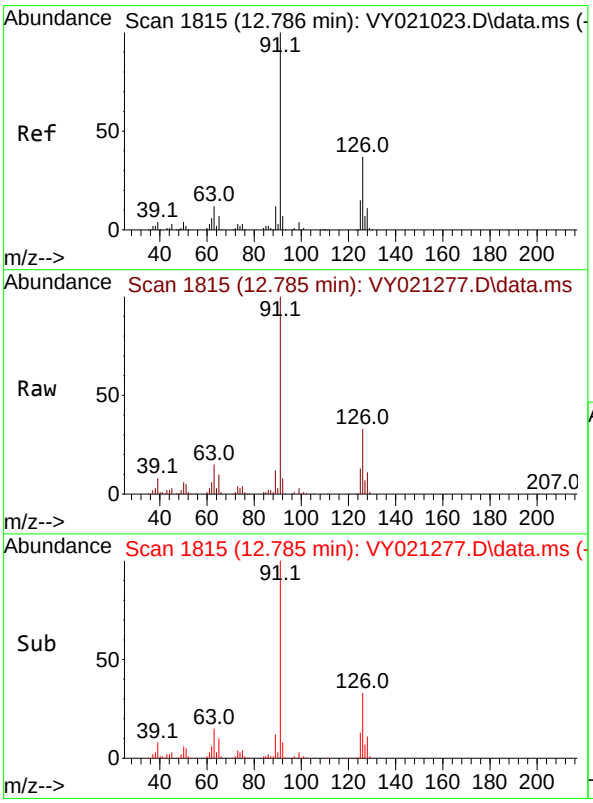
Supervised By :Mahesh Dadoda 02/24/2025

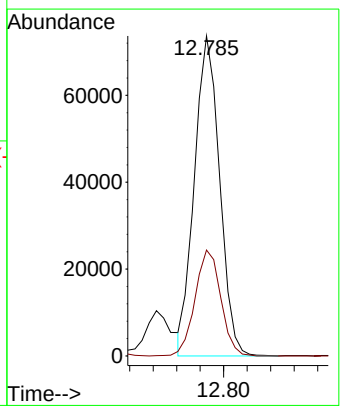


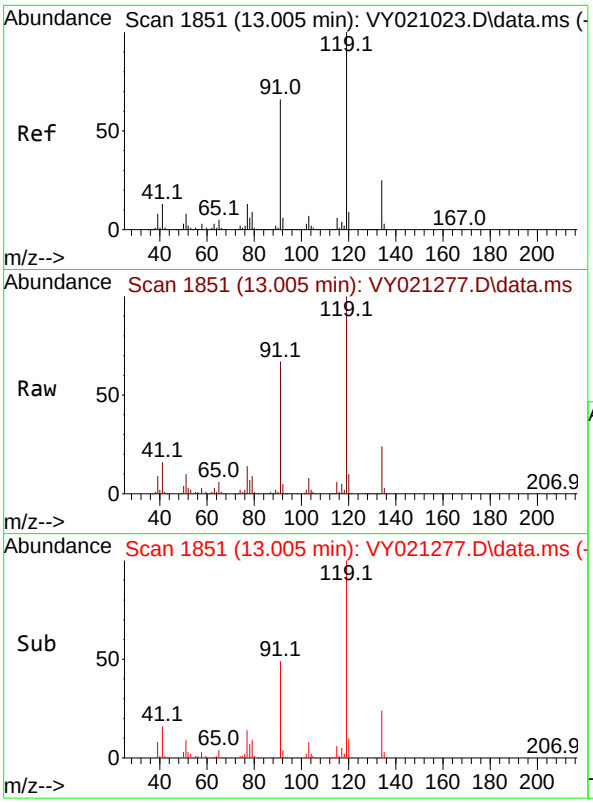


#82
4-Chlorotoluene
Concen: 20.264 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 91 Resp: 109802

Ion	Ratio	Lower	Upper
91	100		
126	33.8	17.1	51.2

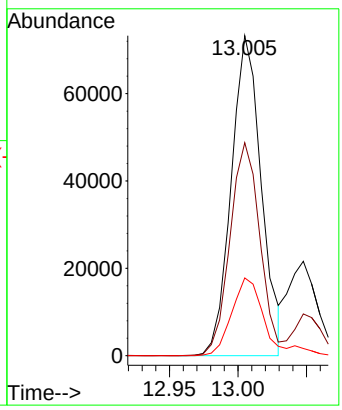




#83
tert-Butylbenzene
Concen: 19.511 ug/l
RT: 13.005 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:119 Resp: 11208

Ion	Ratio	Lower	Upper
119	100		
91	67.1	31.5	94.5
134	26.8	13.1	39.3



Instrument :
MSVOA_Y
ClientSampleId :
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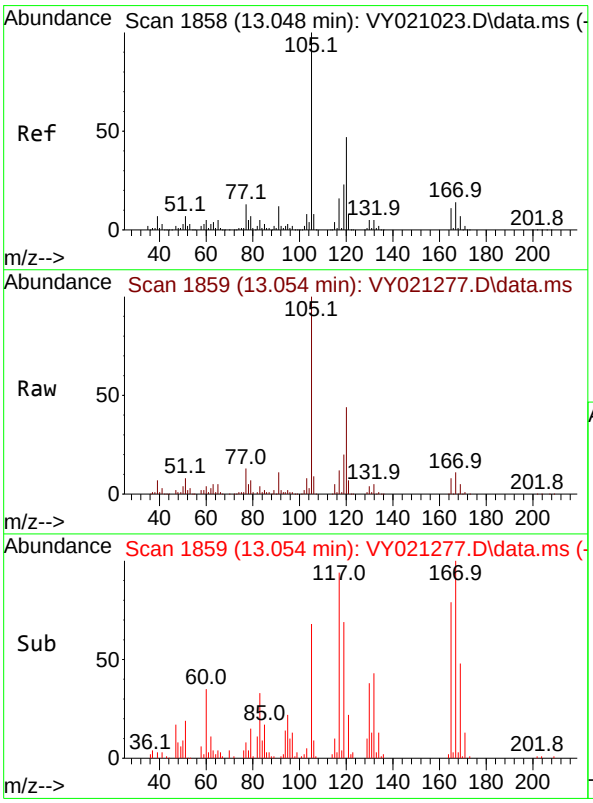
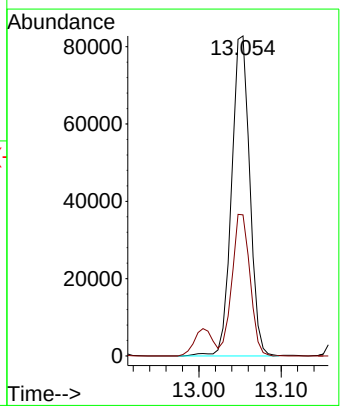
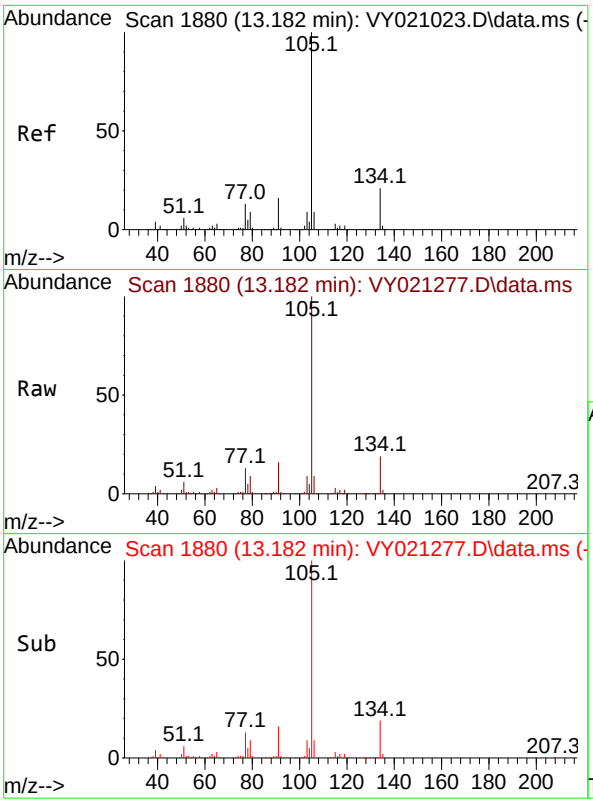


#84
1,2,4-Trimethylbenzene
Concen: 20.551 ug/l
RT: 13.054 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:105 Resp: 126991

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.3

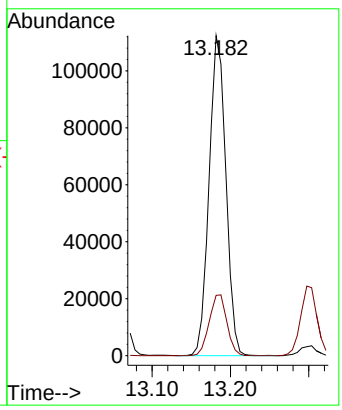




#85
sec-Butylbenzene
Concen: 20.216 ug/l
RT: 13.182 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:105 Resp: 16717

Ion	Ratio	Lower	Upper
105	100		
134	20.0	9.7	28.9



Instrument :
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ClientSampleId :
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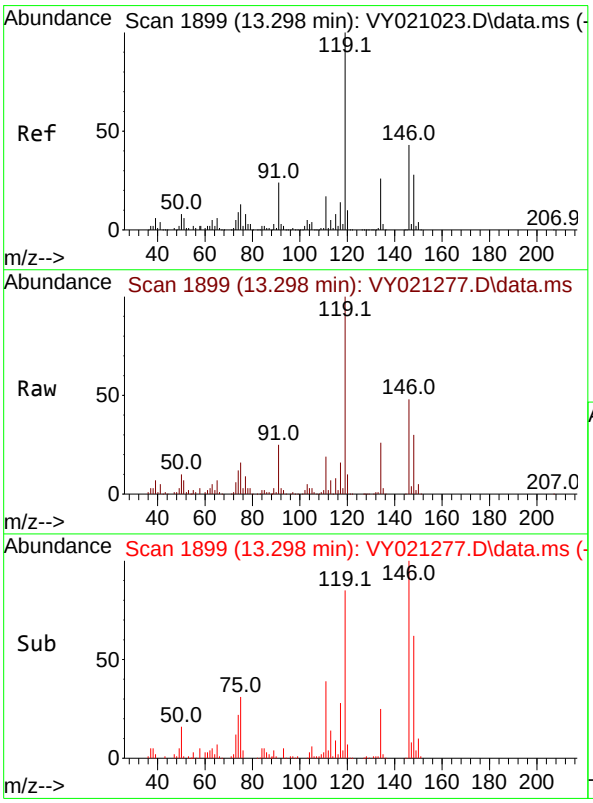
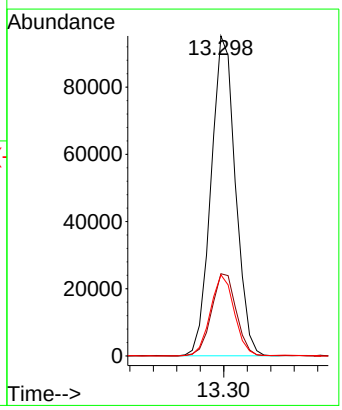
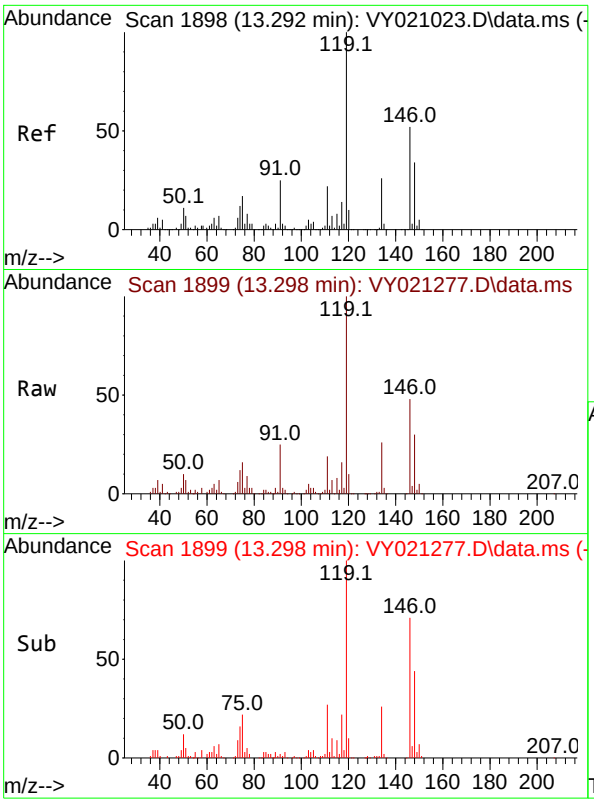


#86
p-Isopropyltoluene
Concen: 19.952 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:119 Resp: 137051

Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.1	39.1
91	25.0	11.7	35.0

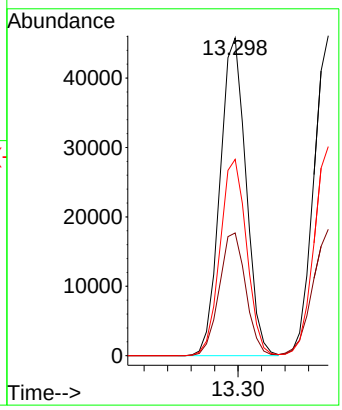




#87
1,3-Dichlorobenzene
Concen: 20.259 ug/l
RT: 13.298 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:146 Resp: 7036

Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.2	60.5
148	63.2	31.9	95.9



Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

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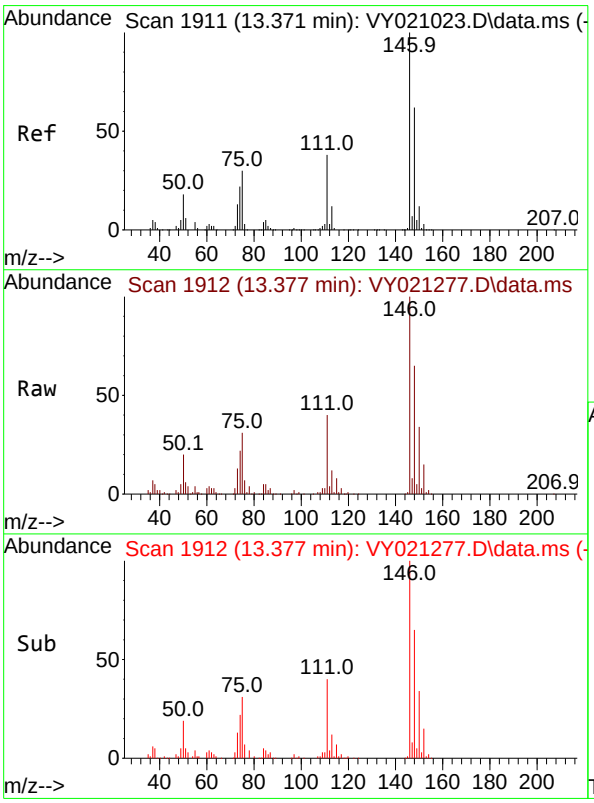
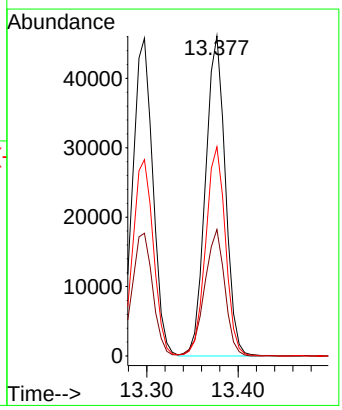
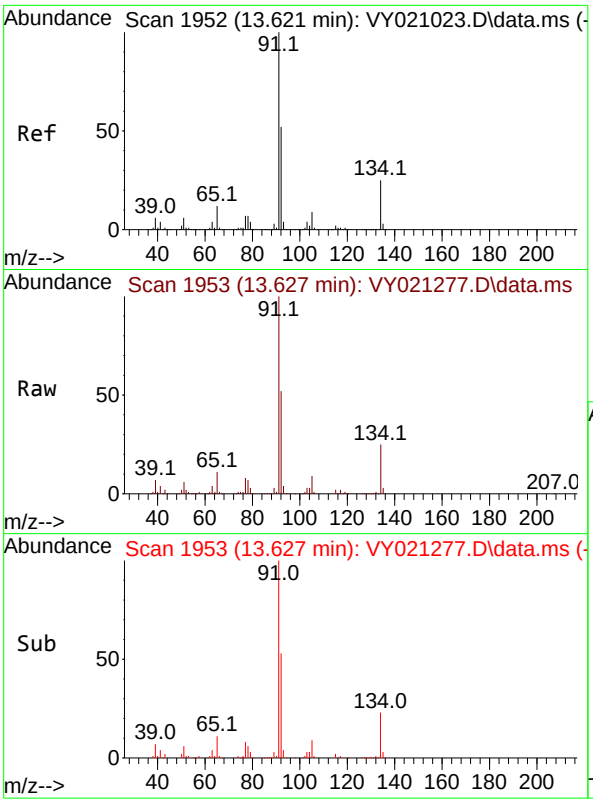


#88
1,4-Dichlorobenzene
Concen: 20.261 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:146 Resp: 69289

Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.3	57.9
148	65.3	31.6	94.7

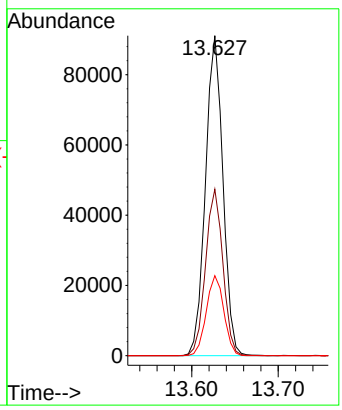




#89
n-Butylbenzene
Concen: 20.348 ug/l
RT: 13.627 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 91 Resp: 12750

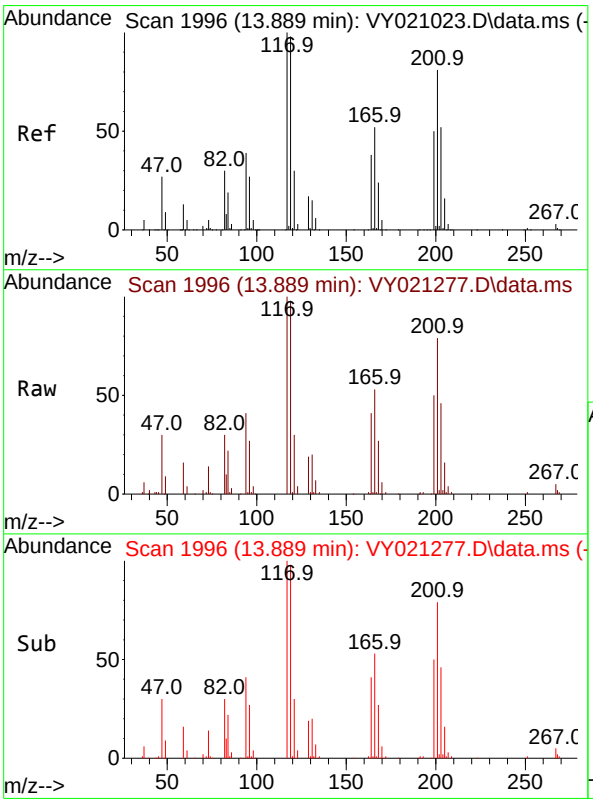
Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.4	79.2
134	25.2	12.3	36.8



Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Manual Integrations
APPROVED

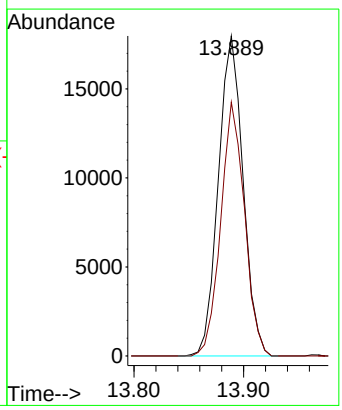
Reviewed By :Romaben Patel 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

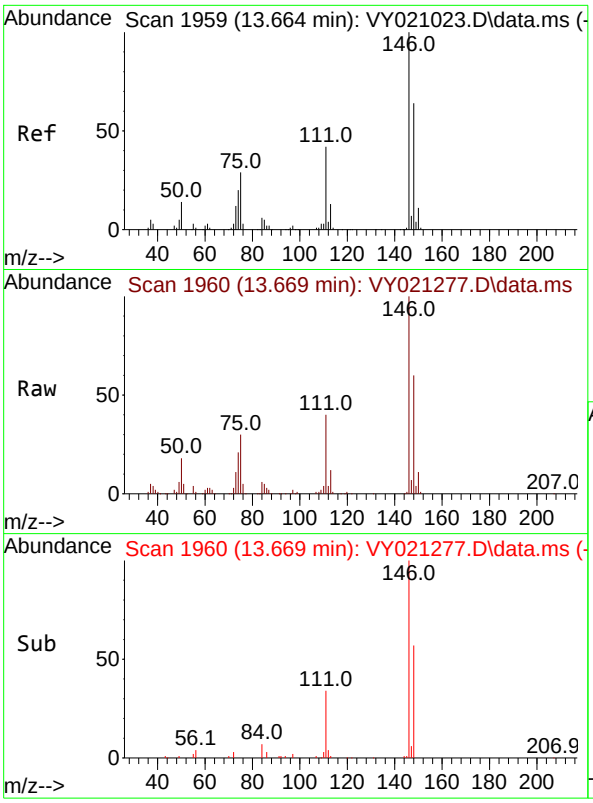


#90
Hexachloroethane
Concen: 19.622 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:117 Resp: 28118

Ion	Ratio	Lower	Upper
117	100		
201	76.4	33.4	100.1

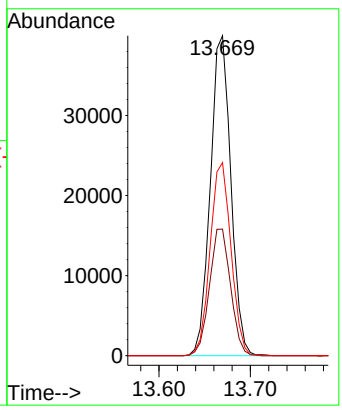




#91
1,2-Dichlorobenzene
Concen: 20.681 ug/l
RT: 13.669 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:146 Resp: 6234

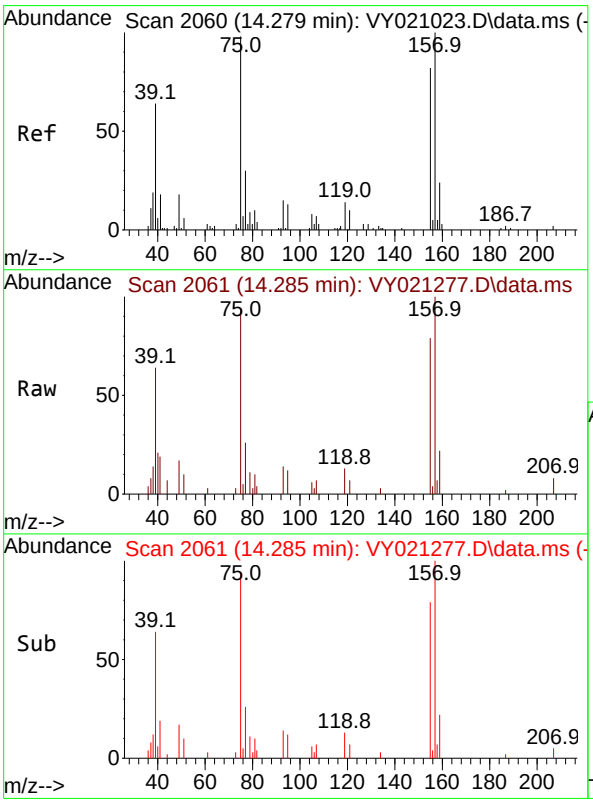
Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.5	61.6
148	61.3	31.4	94.3



Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Manual Integrations
APPROVED

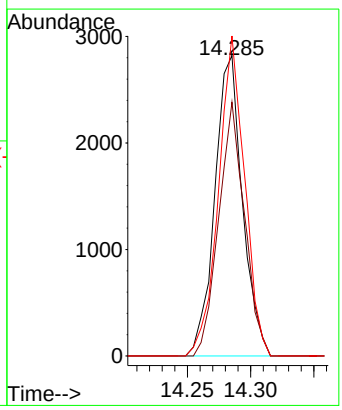
Reviewed By :Romaben Patel 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

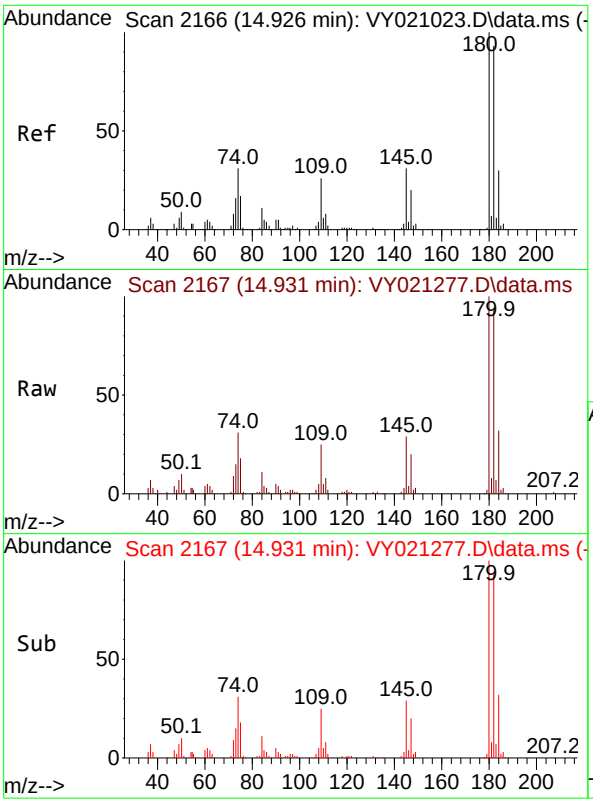


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.077 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 75 Resp: 4277

Ion	Ratio	Lower	Upper
75	100		
155	79.1	42.1	126.3
157	100.5	55.8	167.4

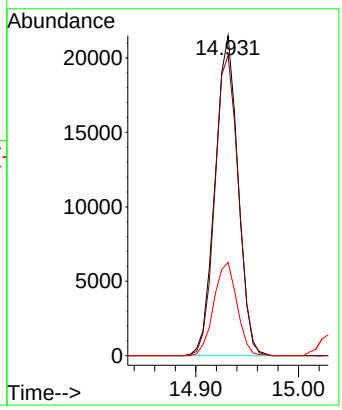




#93
1,2,4-Trichlorobenzene
Concen: 19.770 ug/l
RT: 14.931 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:180 Resp: 3317

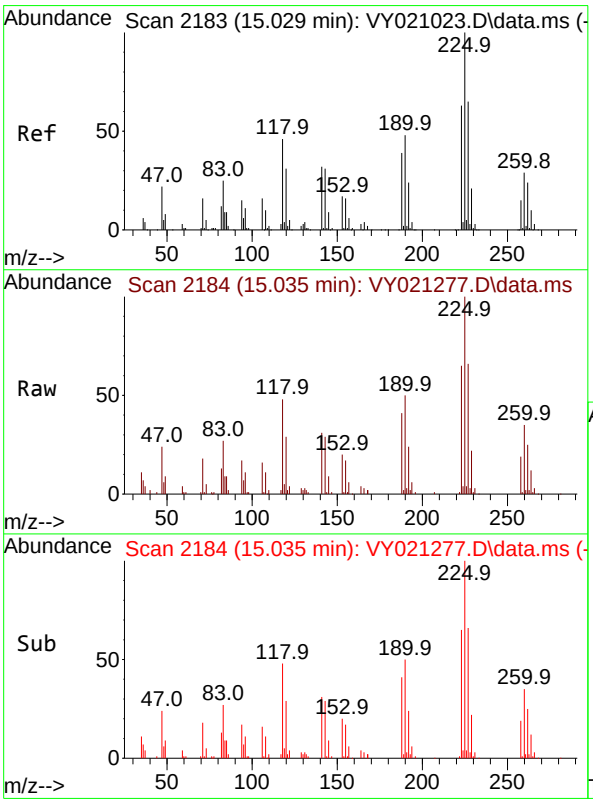
Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.9	143.7
145	29.5	15.9	47.7



Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Manual Integrations
APPROVED

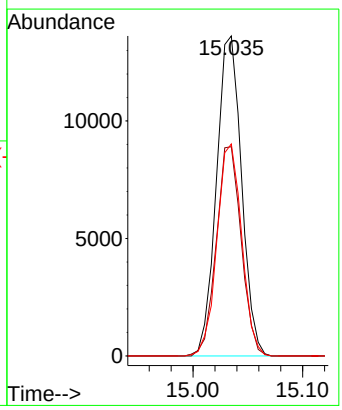
Reviewed By :Romaben Patel 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

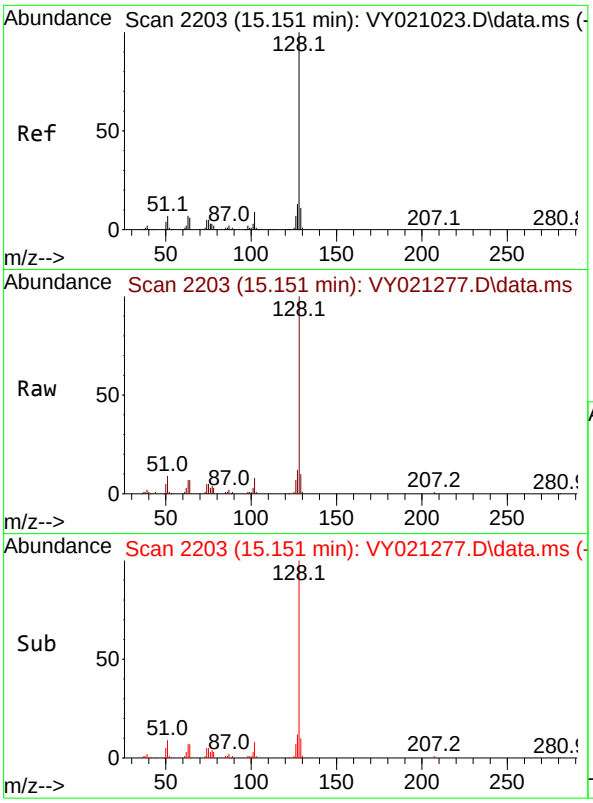


#94
Hexachlorobutadiene
Concen: 19.486 ug/l
RT: 15.035 min Scan# 2184
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:225 Resp: 21668

Ion	Ratio	Lower	Upper
225	100		
223	64.9	31.4	94.3
227	65.3	32.3	96.8

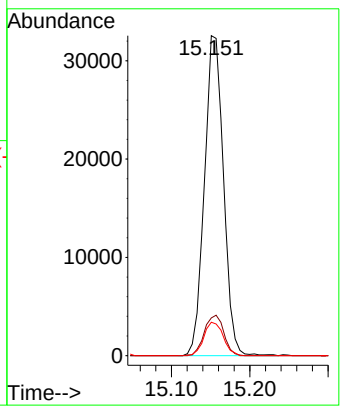




#95
Naphthalene
Concen: 20.504 ug/l
RT: 15.151 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:128 Resp: 5504

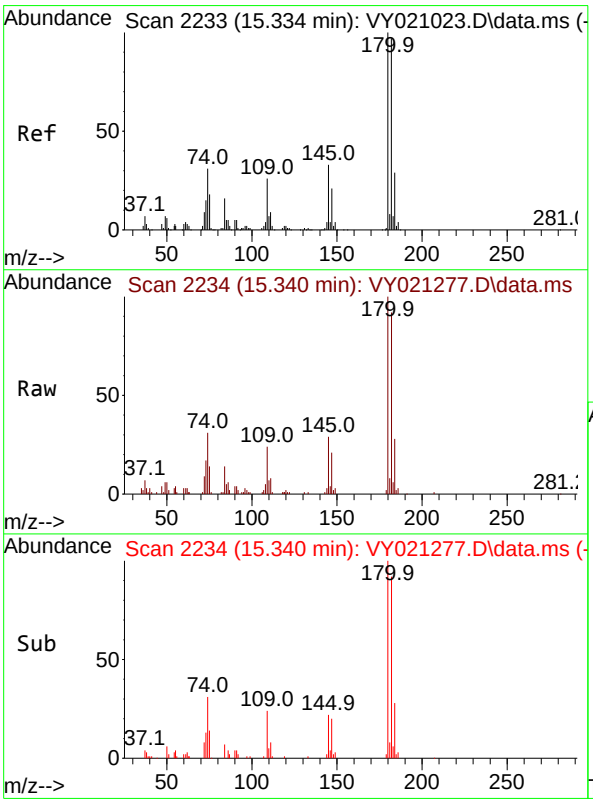
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.6	8.6	12.8



Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Manual Integrations
APPROVED

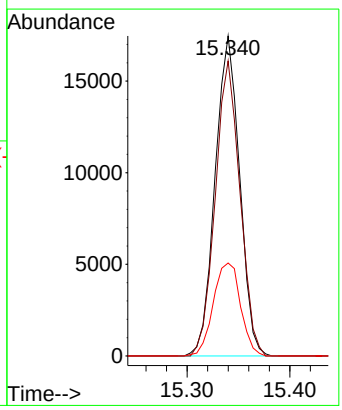
Reviewed By :Romaben Patel 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.702 ug/l
RT: 15.340 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:180 Resp: 28910

Ion	Ratio	Lower	Upper
180	100		
182	92.7	46.3	138.8
145	32.2	16.1	48.2



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

Report of Analysis

Client:	Nobis Group	Date Collected:	
Project:	Raymark Superfund Site	Date Received:	
Client Sample ID:	VY0226SBS01	SDG No.:	Q1383
Lab Sample ID:	VY0226SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021322.D	1		02/26/25 11:22	VY022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.020		0.0017	0.0040	0.0050	mg/Kg
74-87-3	Chloromethane	0.019		0.0012	0.0025	0.0050	mg/Kg
75-01-4	Vinyl Chloride	0.019		0.00077	0.0025	0.0050	mg/Kg
74-83-9	Bromomethane	0.019		0.0010	0.0040	0.0050	mg/Kg
75-00-3	Chloroethane	0.019		0.0010	0.0025	0.0050	mg/Kg
109-99-9	Tetrahydrofuran	0.094		0.0052	0.013	0.025	mg/Kg
75-69-4	Trichlorofluoromethane	0.019		0.00091	0.0040	0.0050	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.020		0.0011	0.0025	0.0050	mg/Kg
75-35-4	1,1-Dichloroethene	0.019		0.00078	0.0025	0.0050	mg/Kg
107-13-1	Acrylonitrile	0.096		0.0050	0.013	0.025	mg/Kg
67-64-1	Acetone	0.095		0.0062	0.020	0.025	mg/Kg
75-15-0	Carbon Disulfide	0.019		0.0013	0.0040	0.0050	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.019		0.00067	0.0025	0.0050	mg/Kg
75-09-2	Methylene Chloride	0.019		0.0034	0.0080	0.010	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.019		0.00084	0.0025	0.0050	mg/Kg
75-34-3	1,1-Dichloroethane	0.019		0.00063	0.0025	0.0050	mg/Kg
78-93-3	2-Butanone	0.093		0.0057	0.020	0.025	mg/Kg
56-23-5	Carbon Tetrachloride	0.019		0.00087	0.0025	0.0050	mg/Kg
594-20-7	2,2-Dichloropropane	0.019		0.0016	0.0040	0.0050	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.019		0.00061	0.0025	0.0050	mg/Kg
67-66-3	Chloroform	0.019		0.00067	0.0040	0.0050	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.019		0.00078	0.0025	0.0050	mg/Kg
563-58-6	1,1-Dichloropropene	0.019		0.00073	0.0025	0.0050	mg/Kg
71-43-2	Benzene	0.019		0.00072	0.0025	0.0050	mg/Kg
107-06-2	1,2-Dichloroethane	0.019		0.00061	0.0025	0.0050	mg/Kg
79-01-6	Trichloroethene	0.019		0.00075	0.0025	0.0050	mg/Kg
78-87-5	1,2-Dichloropropane	0.019		0.00066	0.0025	0.0050	mg/Kg
74-95-3	Dibromomethane	0.020		0.00062	0.0025	0.0050	mg/Kg
75-27-4	Bromodichloromethane	0.019		0.00056	0.0025	0.0050	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.093		0.0044	0.013	0.025	mg/Kg

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

Report of Analysis

Client:	Nobis Group	Date Collected:	
Project:	Raymark Superfund Site	Date Received:	
Client Sample ID:	VY0226SBS01	SDG No.:	Q1383
Lab Sample ID:	VY0226SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021322.D	1		02/26/25 11:22	VY022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.019		0.00067	0.0025	0.0050	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.019		0.00060	0.0025	0.0050	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.019		0.00057	0.0025	0.0050	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.019		0.00084	0.0025	0.0050	mg/Kg
142-28-9	1,3-Dichloropropane	0.019		0.00059	0.0025	0.0050	mg/Kg
591-78-6	2-Hexanone	0.094		0.0048	0.013	0.025	mg/Kg
124-48-1	Dibromochloromethane	0.019		0.00065	0.0025	0.0050	mg/Kg
106-93-4	1,2-Dibromoethane	0.019		0.00079	0.0025	0.0050	mg/Kg
127-18-4	Tetrachloroethene	0.019		0.00089	0.0025	0.0050	mg/Kg
108-90-7	Chlorobenzene	0.019		0.00074	0.0025	0.0050	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.020		0.00064	0.0025	0.0050	mg/Kg
100-41-4	Ethyl Benzene	0.019		0.00062	0.0025	0.0050	mg/Kg
179601-23-1	m/p-Xylenes	0.039		0.0014	0.0050	0.010	mg/Kg
1330-20-7	Total Xylenes	0.058		0.0021	0.0075	0.015	mg/Kg
95-47-6	o-Xylene	0.019		0.00070	0.0025	0.0050	mg/Kg
100-42-5	Styrene	0.019		0.00060	0.0025	0.0050	mg/Kg
75-25-2	Bromoform	0.019		0.00081	0.0025	0.0050	mg/Kg
98-82-8	Isopropylbenzene	0.019		0.00067	0.0025	0.0050	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.019		0.0011	0.0025	0.0050	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.016		0.0012	0.0040	0.0050	mg/Kg
108-86-1	Bromobenzene	0.019		0.00065	0.0025	0.0050	mg/Kg
103-65-1	n-propylbenzene	0.019		0.00064	0.0025	0.0050	mg/Kg
95-49-8	2-Chlorotoluene	0.019		0.00062	0.0025	0.0050	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.020		0.00064	0.0025	0.0050	mg/Kg
106-43-4	4-Chlorotoluene	0.019		0.00059	0.0025	0.0050	mg/Kg
98-06-6	tert-Butylbenzene	0.019		0.00067	0.0025	0.0050	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.019		0.0014	0.0025	0.0050	mg/Kg
135-98-8	sec-Butylbenzene	0.020		0.00067	0.0025	0.0050	mg/Kg
99-87-6	p-Isopropyltoluene	0.019		0.00058	0.0025	0.0050	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.019		0.00074	0.0025	0.0050	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.019		0.00080	0.0025	0.0050	mg/Kg

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

Report of Analysis

Client:	Nobis Group	Date Collected:	
Project:	Raymark Superfund Site	Date Received:	
Client Sample ID:	VY0226SBS01	SDG No.:	Q1383
Lab Sample ID:	VY0226SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021322.D	1		02/26/25 11:22	VY022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.019		0.00063	0.0025	0.0050	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.019		0.00059	0.0025	0.0050	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.019		0.0016	0.0040	0.0050	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.018		0.00079	0.0025	0.0050	mg/Kg
87-68-3	Hexachlorobutadiene	0.019		0.00081	0.0025	0.0050	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.018		0.00078	0.0025	0.0050	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.017		0.00080	0.0025	0.0050	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	46.7		71 - 136		93%	SPK: 50
1868-53-7	Dibromofluoromethane	47.4		78 - 119		95%	SPK: 50
2037-26-5	Toluene-d8	47.6		85 - 116		95%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.3		79 - 119		95%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	184000	7.707				
540-36-3	1,4-Difluorobenzene	291000	8.615				
3114-55-4	Chlorobenzene-d5	255000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	129000	13.346				

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_Y\Data\VY022625\
Data File : VY021322.D
Acq On : 26 Feb 2025 11:22
Operator : SY/MD
Sample : VY0226SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 27 00:35:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	184417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	291138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	254891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	128725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	97685	46.693	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 93.380%			
35) Dibromofluoromethane	7.634	113	90492	47.410	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.820%			
50) Toluene-d8	10.109	98	351200	47.609	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.220%			
62) 4-Bromofluorobenzene	12.407	95	117404	47.291	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.580%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	34125	19.517	ug/l	97
3) Chloromethane	2.068	50	42771	18.941	ug/l	96
4) Vinyl Chloride	2.202	62	42765	19.295	ug/l	98
5) Bromomethane	2.592	94	28297	19.212	ug/l	100
6) Chloroethane	2.732	64	26124	19.007	ug/l	95
7) Trichlorofluoromethane	3.056	101	63673	19.022	ug/l	100
8) Diethyl Ether	3.452	74	19334	19.245	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	38299	19.763	ug/l	98
10) Methyl Iodide	4.007	142	37750	18.516	ug/l	99
11) Tert butyl alcohol	4.854	59	13942	86.641	ug/l #	90
12) 1,1-Dichloroethene	3.787	96	35305	19.026	ug/l	96
13) Acrolein	3.653	56	20005	162.231	ug/l	95
14) Allyl chloride	4.385	41	62973	19.141	ug/l	98
15) Acrylonitrile	5.061	53	42599	95.903	ug/l	99
16) Acetone	3.872	43	38073	94.873	ug/l	99
17) Carbon Disulfide	4.104	76	114721	18.619	ug/l	100
18) Methyl Acetate	4.385	43	18152	18.509	ug/l	96
19) Methyl tert-butyl Ether	5.110	73	93663	19.105	ug/l	100
20) Methylene Chloride	4.610	84	40120	18.488	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	38871	19.029	ug/l	97
22) Diisopropyl ether	6.018	45	134550	19.764	ug/l	100
23) Vinyl Acetate	5.957	43	386141	94.917	ug/l	98
24) 1,1-Dichloroethane	5.915	63	73384	19.125	ug/l	99
25) 2-Butanone	6.890	43	56272	92.910	ug/l	100
26) 2,2-Dichloropropane	6.884	77	66242	19.026	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	44795	19.204	ug/l	99
28) Bromochloromethane	7.244	49	30330	17.864	ug/l	99
29) Tetrahydrofuran	7.262	42	37274	94.152	ug/l	98
30) Chloroform	7.421	83	75017	19.294	ug/l	99
31) Cyclohexane	7.701	56	69642	18.881	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	67879	19.180	ug/l	99
36) 1,1-Dichloropropene	7.835	75	55184	19.247	ug/l	100
37) Ethyl Acetate	6.988	43	28035	19.657	ug/l	99
38) Carbon Tetrachloride	7.817	117	61214	18.991	ug/l	96
39) Methylcyclohexane	9.109	83	68527	18.897	ug/l	97
40) Benzene	8.079	78	163641	19.308	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021322.D
Acq On : 26 Feb 2025 11:22
Operator : SY/MD
Sample : VY0226SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 27 00:35:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.219	41	12920m	16.203	ug/l		
42) 1,2-Dichloroethane	8.158	62	46152	19.193	ug/l		100
43) Isopropyl Acetate	8.195	43	51417	18.626	ug/l		99
44) Trichloroethene	8.865	130	40770	19.214	ug/l		98
45) 1,2-Dichloropropane	9.140	63	39037	19.139	ug/l		95
46) Dibromomethane	9.231	93	21795	19.549	ug/l		97
47) Bromodichloromethane	9.420	83	56650	19.056	ug/l		97
48) Methyl methacrylate	9.219	41	25014	19.377	ug/l		99
49) 1,4-Dioxane	9.231	88	4576	369.128	ug/l		97
51) 4-Methyl-2-Pentanone	9.999	43	131838	93.298	ug/l		100
52) Toluene	10.170	92	101381	19.255	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	51842	19.034	ug/l		100
54) cis-1,3-Dichloropropene	9.859	75	61986	19.278	ug/l		96
55) 1,1,2-Trichloroethane	10.572	97	27740	19.099	ug/l		97
56) Ethyl methacrylate	10.438	69	37632	18.751	ug/l		99
57) 1,3-Dichloropropane	10.719	76	49393	19.380	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	87093	90.414	ug/l		100
59) 2-Hexanone	10.761	43	87008	93.755	ug/l		99
60) Dibromochloromethane	10.908	129	38212	19.318	ug/l		100
61) 1,2-Dibromoethane	11.011	107	25849	18.799	ug/l		96
64) Tetrachloroethene	10.646	164	36984	19.197	ug/l		97
65) Chlorobenzene	11.444	112	108578	18.977	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.517	131	39302	19.617	ug/l		98
67) Ethyl Benzene	11.517	91	192592	19.003	ug/l		100
68) m/p-Xylenes	11.627	106	147929	38.806	ug/l		100
69) o-Xylene	11.956	106	69071	19.342	ug/l		99
70) Styrene	11.969	104	114447	19.262	ug/l		99
71) Bromoform	12.133	173	21872	19.083	ug/l	#	99
73) Isopropylbenzene	12.255	105	184435	19.058	ug/l		100
74) N-amyl acetate	12.072	43	44104	17.930	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	32169	18.835	ug/l		98
76) 1,2,3-Trichloropropane	12.560	75	20053m	15.563	ug/l		
77) Bromobenzene	12.529	156	42599	18.925	ug/l		98
78) n-propylbenzene	12.596	91	226845	19.317	ug/l		100
79) 2-Chlorotoluene	12.682	91	128526	19.070	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	155422	19.582	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	10066	17.364	ug/l		95
82) 4-Chlorotoluene	12.779	91	133936	19.171	ug/l		100
83) tert-Butylbenzene	12.999	119	136788	19.079	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	152431	19.310	ug/l		99
85) sec-Butylbenzene	13.176	105	204066	19.486	ug/l		100
86) p-Isopropyltoluene	13.291	119	167856	19.195	ug/l		100
87) 1,3-Dichlorobenzene	13.291	146	85257	19.148	ug/l		100
88) 1,4-Dichlorobenzene	13.371	146	84570	19.226	ug/l		99
89) n-Butylbenzene	13.621	91	155625	18.911	ug/l		100
90) Hexachloroethane	13.883	117	34224	18.736	ug/l		100
91) 1,2-Dichlorobenzene	13.663	146	73256	18.778	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5025	18.599	ug/l		93
93) 1,2,4-Trichlorobenzene	14.925	180	42148	17.702	ug/l		99
94) Hexachlorobutadiene	15.023	225	27956	18.650	ug/l		99
95) Naphthalene	15.151	128	68106	17.269	ug/l		99
96) 1,2,3-Trichlorobenzene	15.334	180	36072	17.931	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021322.D
Acq On : 26 Feb 2025 11:22
Operator : SY/MD
Sample : VY0226SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 27 00:35:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021322.D
Acq On : 26 Feb 2025 11:22
Operator : SY/MD
Sample : VY0226SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 27 00:35:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Manual Integrations APPROVED

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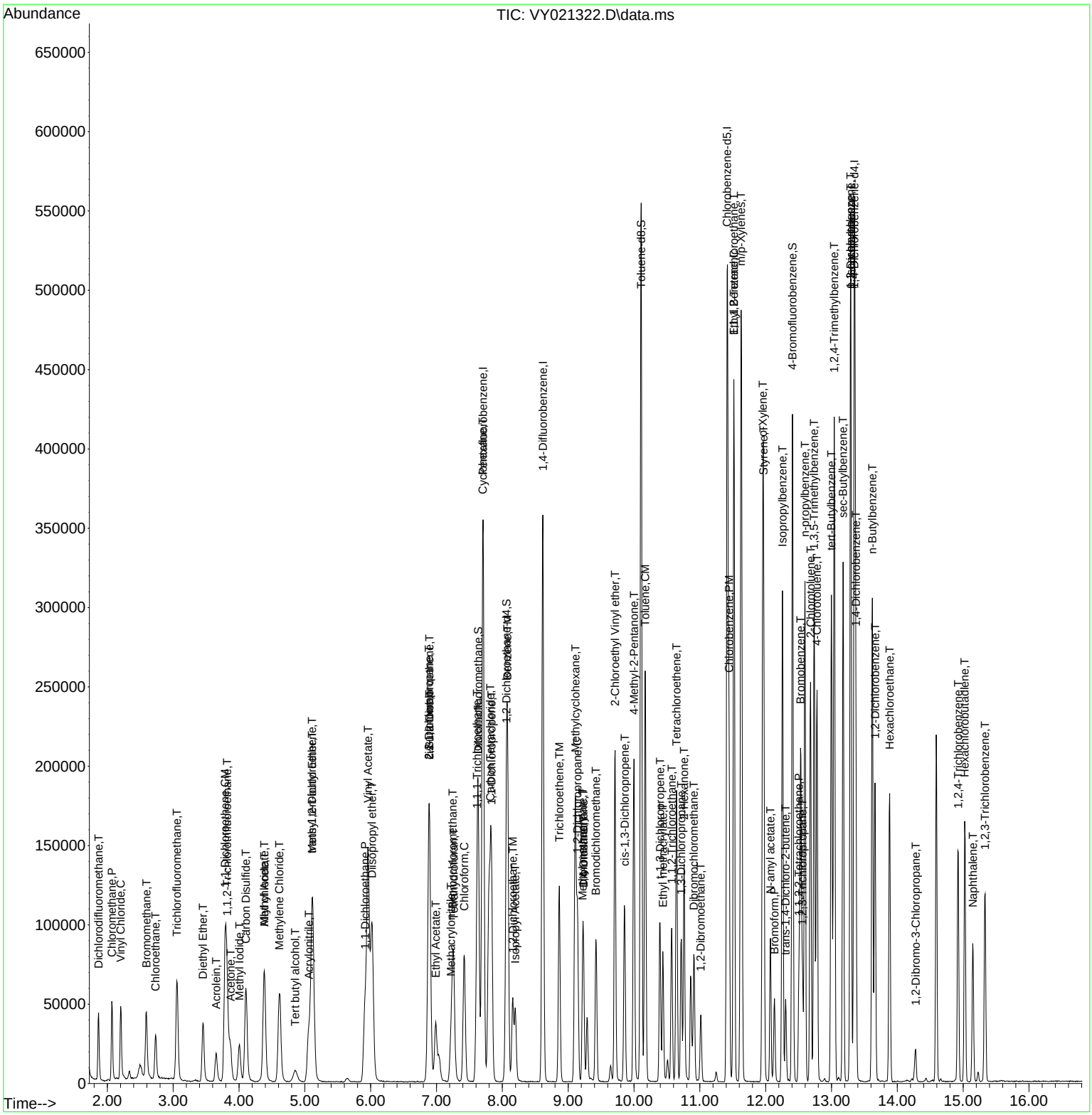
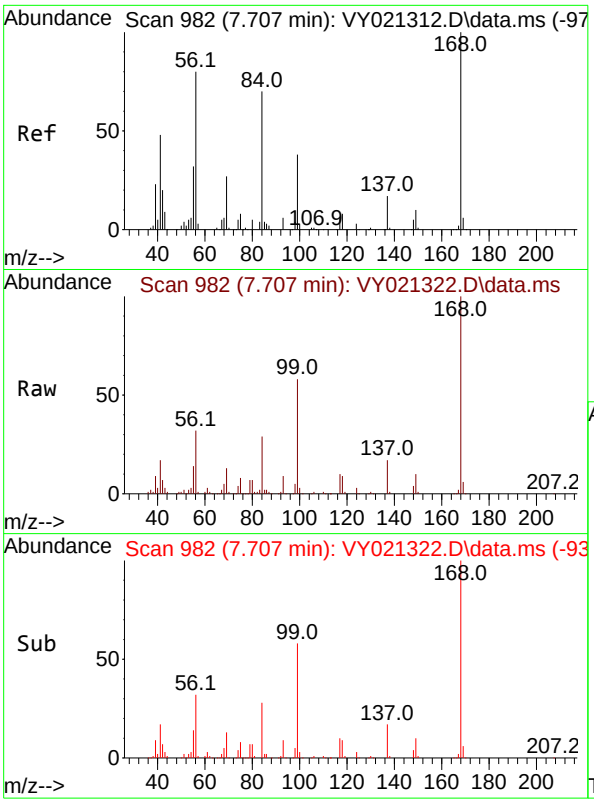
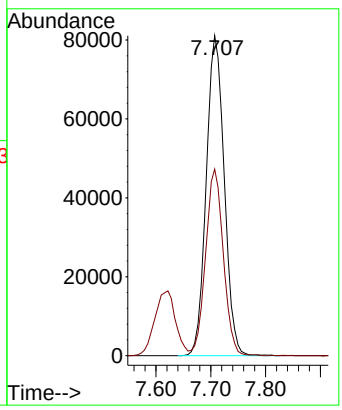




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:168 Resp: 18441

Ion	Ratio	Lower	Upper
168	100		
99	58.3	47.1	70.7



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Manual Integrations
APPROVED

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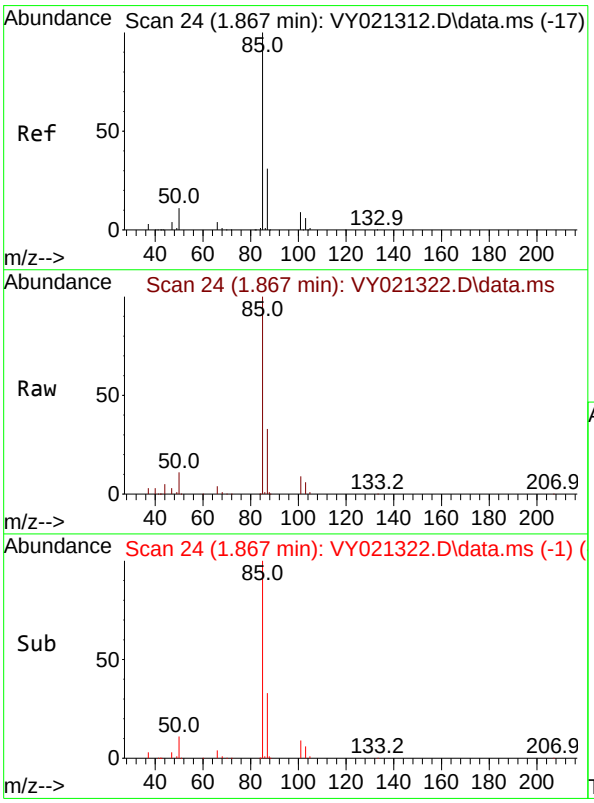
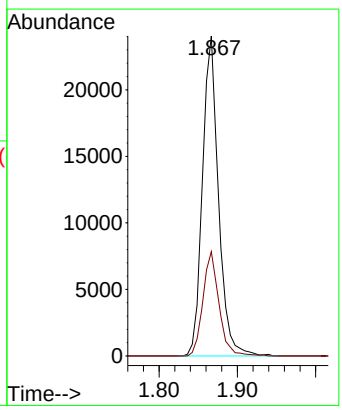
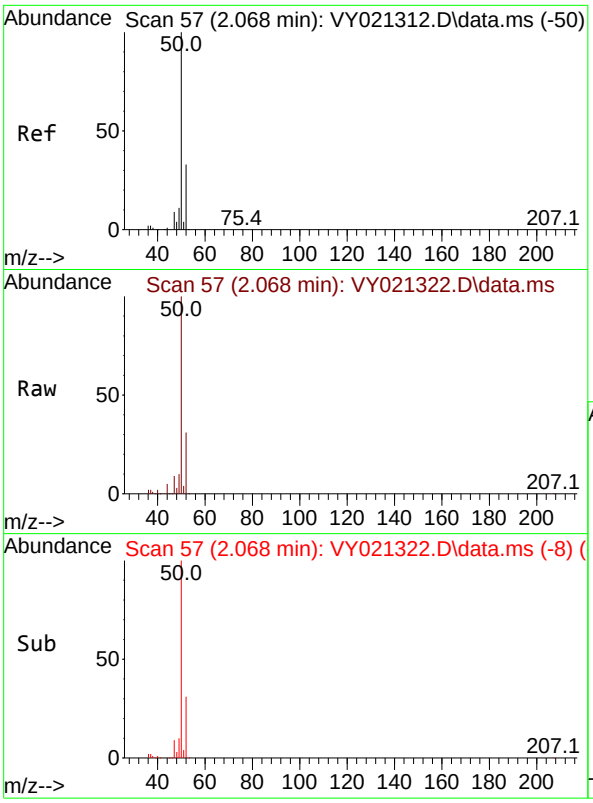


#2
Dichlorodifluoromethane
Concen: 19.517 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 85 Resp: 34125

Ion	Ratio	Lower	Upper
85	100		
87	32.6	15.4	46.4

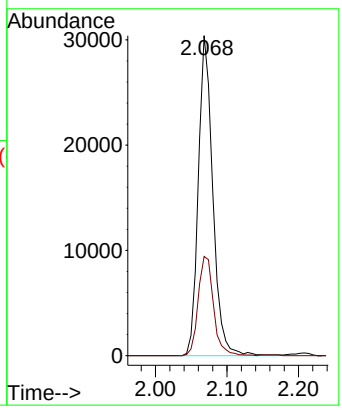




#3
Chloromethane
Concen: 18.941 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 50 Resp: 4277

Ion	Ratio	Lower	Upper
50	100		
52	31.0	26.6	40.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Manual Integrations
APPROVED

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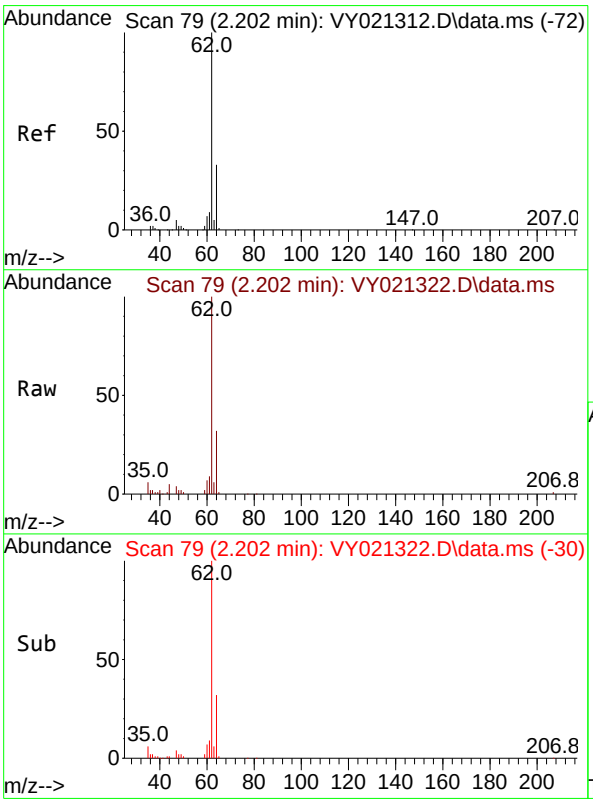
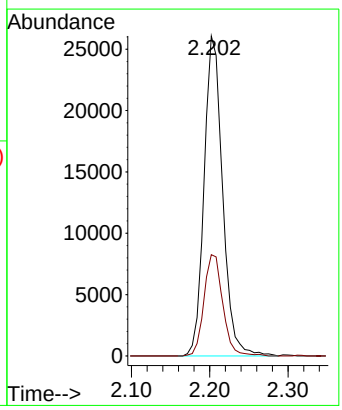
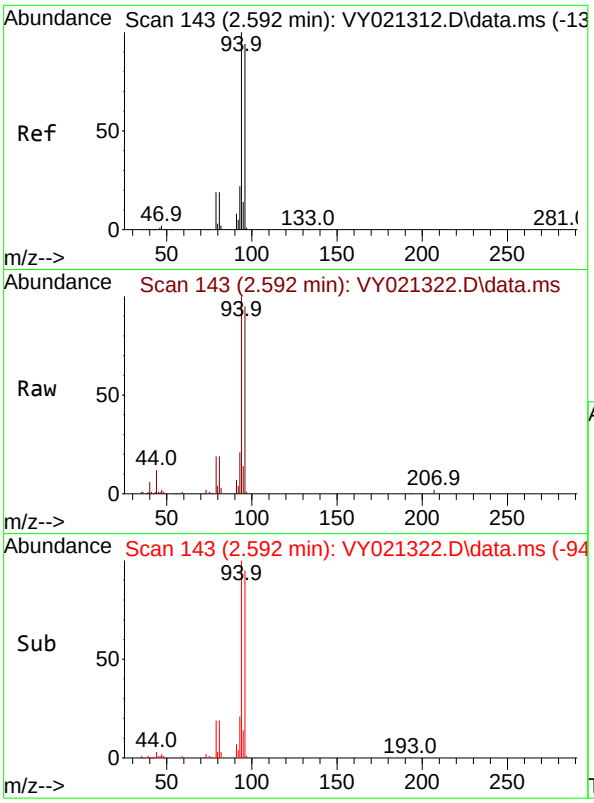


#4
Vinyl Chloride
Concen: 19.295 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 62 Resp: 42765

Ion	Ratio	Lower	Upper
62	100		
64	31.7	26.3	39.5

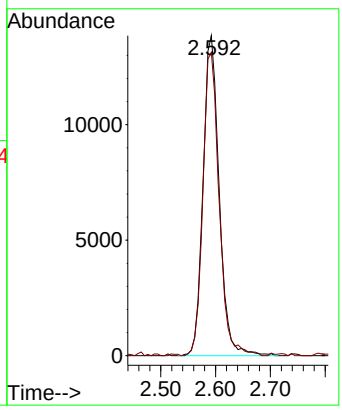




#5
Bromomethane
Concen: 19.212 ug/l
RT: 2.592 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 94 Resp: 2829

Ion	Ratio	Lower	Upper
94	100		
96	94.4	75.2	112.8



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Manual Integrations
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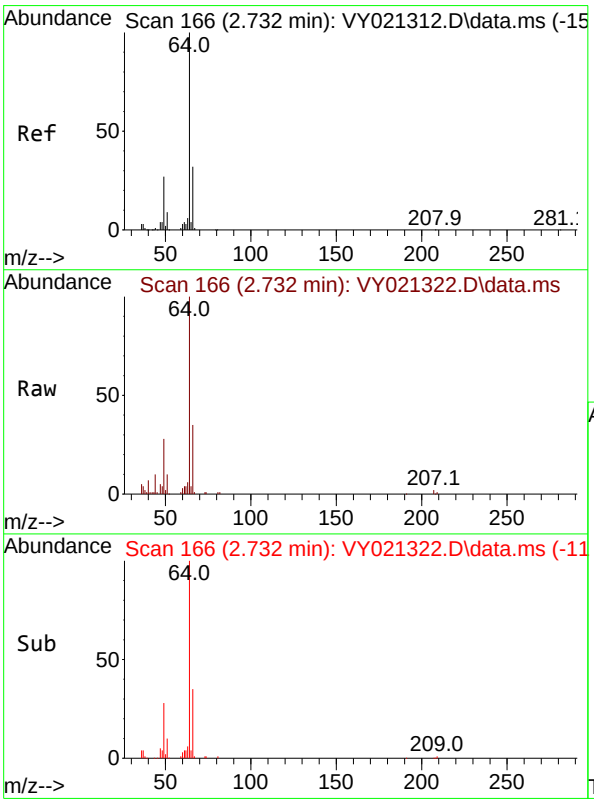
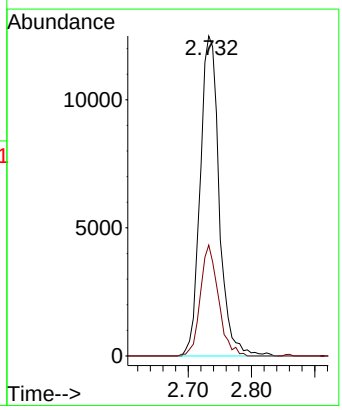
Supervised By :Mahesh Dadoda 02/27/2025

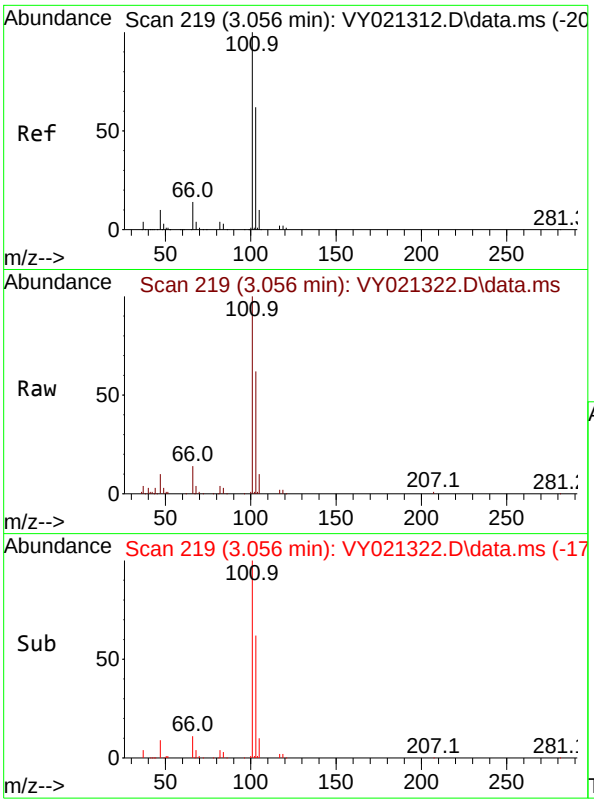


#6
Chloroethane
Concen: 19.007 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 64 Resp: 26124

Ion	Ratio	Lower	Upper
64	100		
66	34.6	25.4	38.0

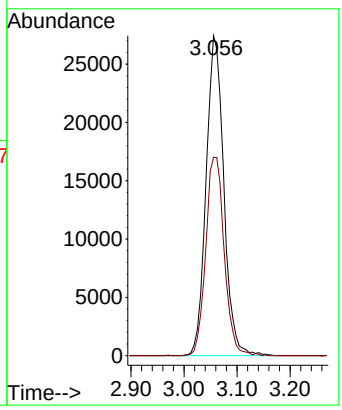




#7
Trichlorofluoromethane
Concen: 19.022 ug/l
RT: 3.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:101 Resp: 6367

Ion	Ratio	Lower	Upper
101	100		
103	62.0	49.7	74.5



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Manual Integrations
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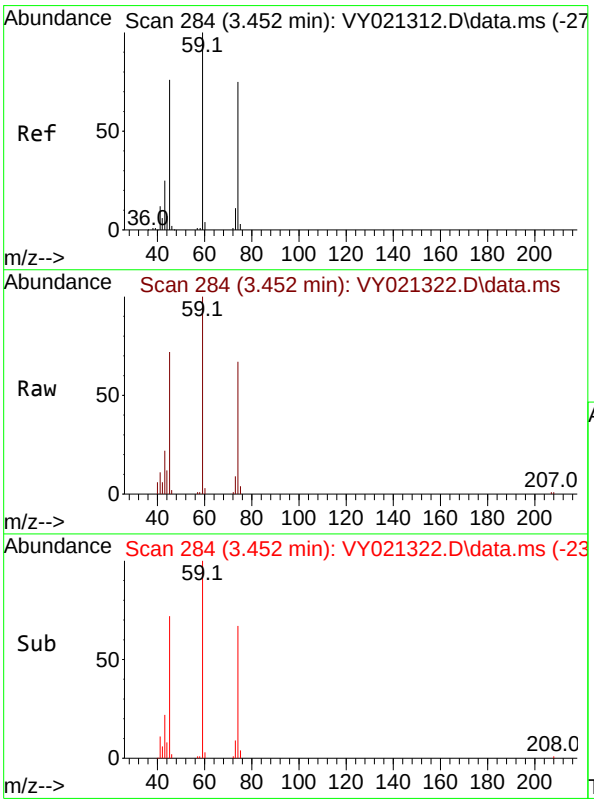
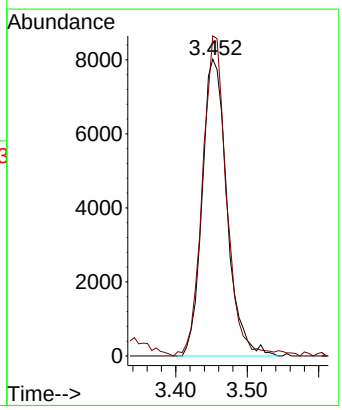
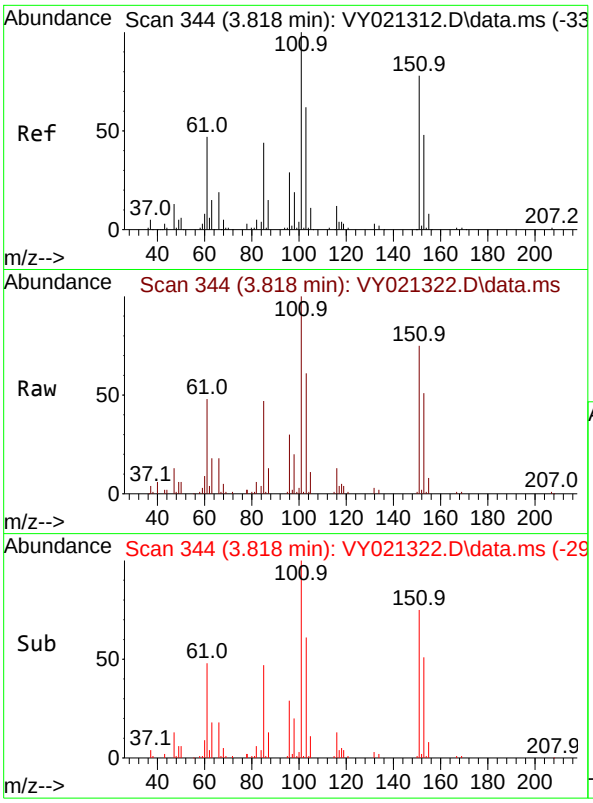


#8
Diethyl Ether
Concen: 19.245 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 74 Resp: 19334

Ion	Ratio	Lower	Upper
74	100		
45	104.1	50.3	150.9

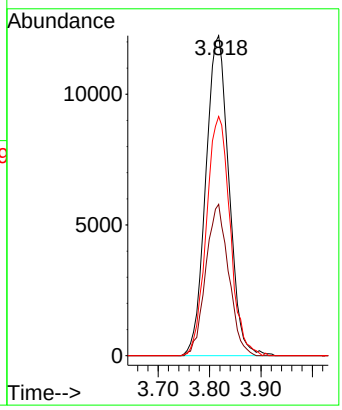




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.763 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:101 Resp: 3829

Ion	Ratio	Lower	Upper
101	100		
85	46.9	36.7	55.1
151	76.6	62.6	94.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Manual Integrations
APPROVED

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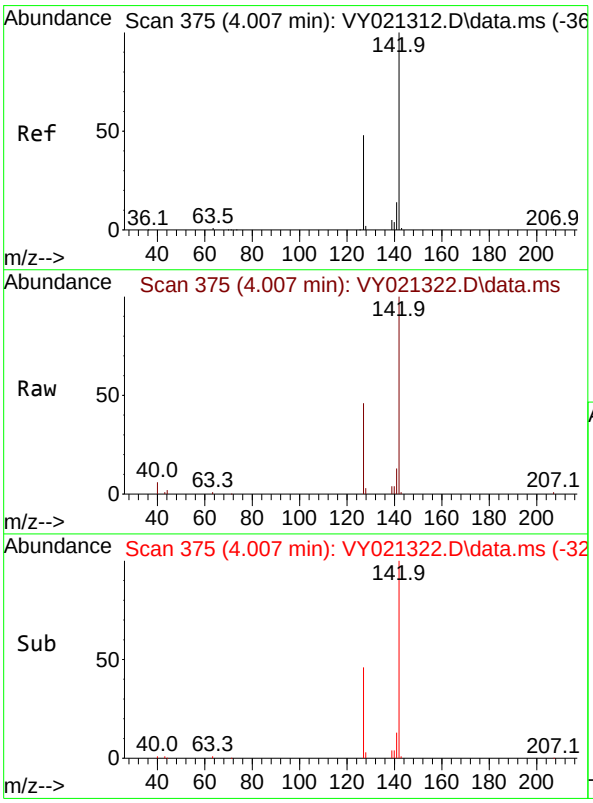
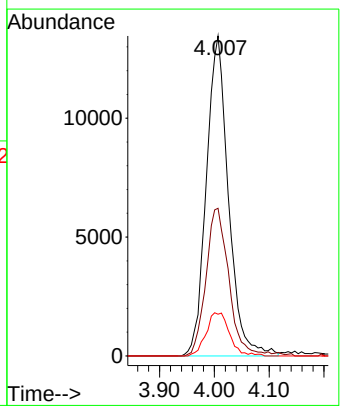
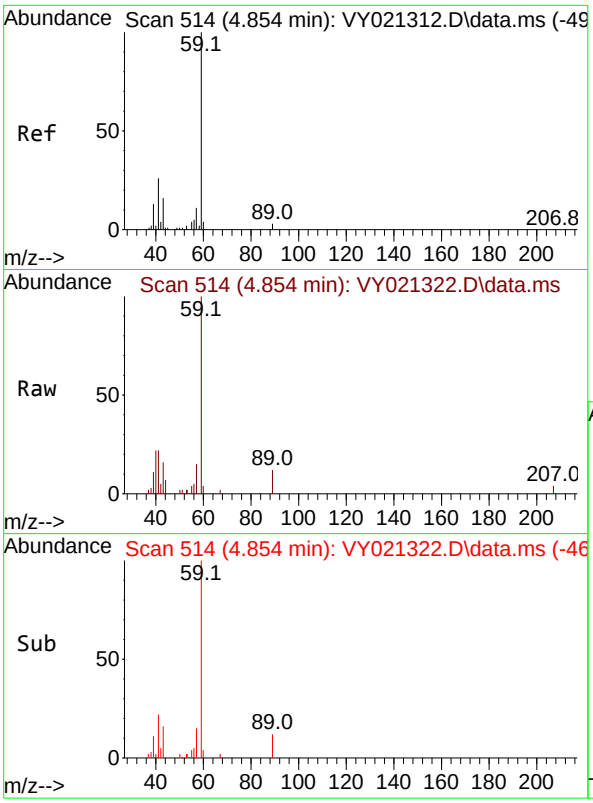


#10
Methyl Iodide
Concen: 18.516 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:142 Resp: 37750

Ion	Ratio	Lower	Upper
142	100		
127	47.7	39.2	58.8
141	14.3	11.4	17.2

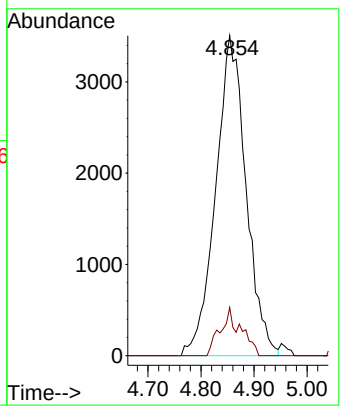




#11
Tert butyl alcohol
Concen: 86.641 ug/l
RT: 4.854 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 59 Resp: 1394

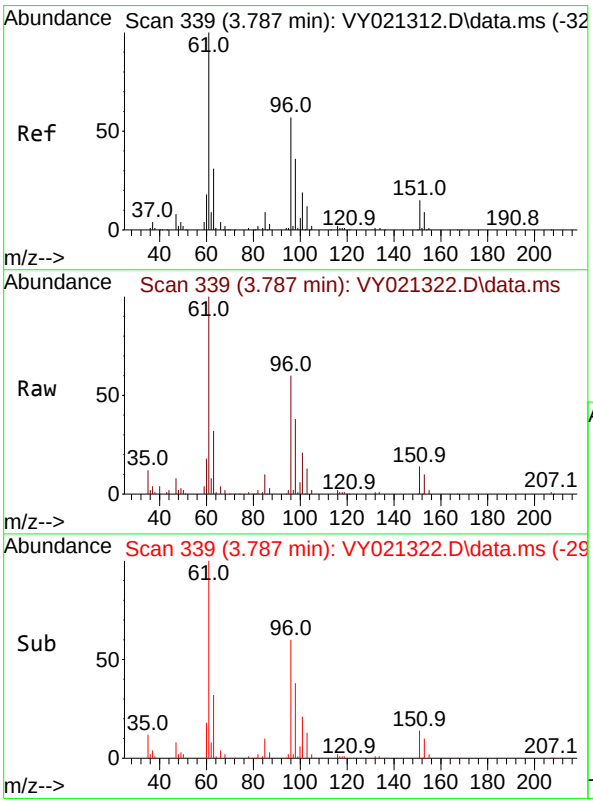
Ion	Ratio	Lower	Upper
59	100		
57	6.7	8.3	12.5#



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Manual Integrations
APPROVED

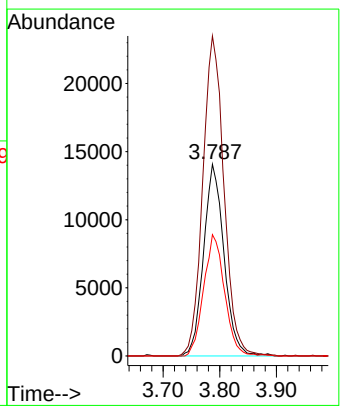
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

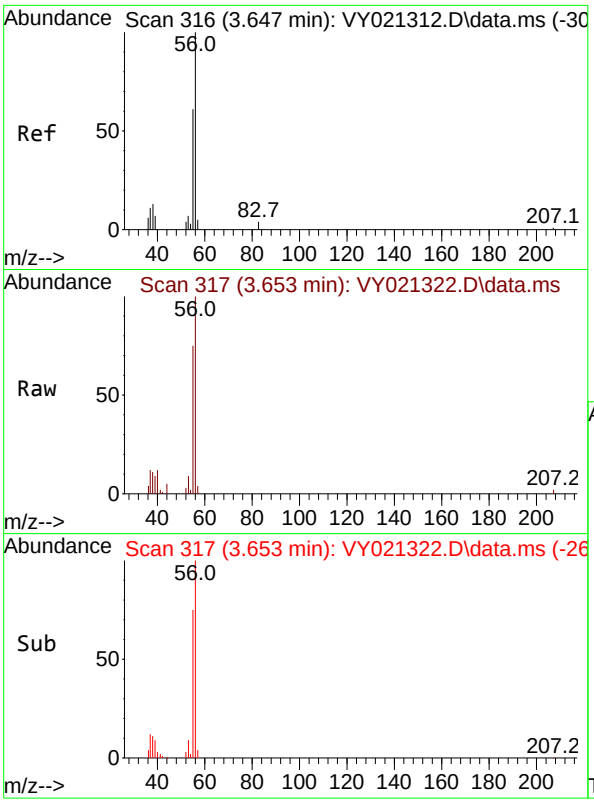


#12
1,1-Dichloroethene
Concen: 19.026 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 96 Resp: 35305

Ion	Ratio	Lower	Upper
96	100		
61	167.0	139.7	209.5
98	63.3	49.7	74.5

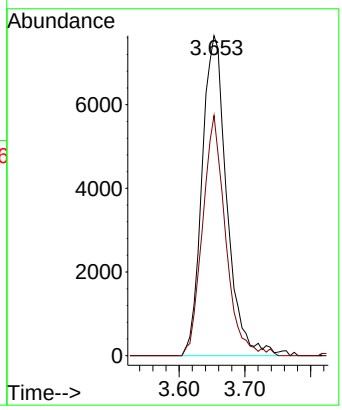




#13
Acrolein
Concen: 162.231 ug/l
RT: 3.653 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 56 Resp: 2000

Ion	Ratio	Lower	Upper
56	100		
55	69.9	59.0	88.6



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

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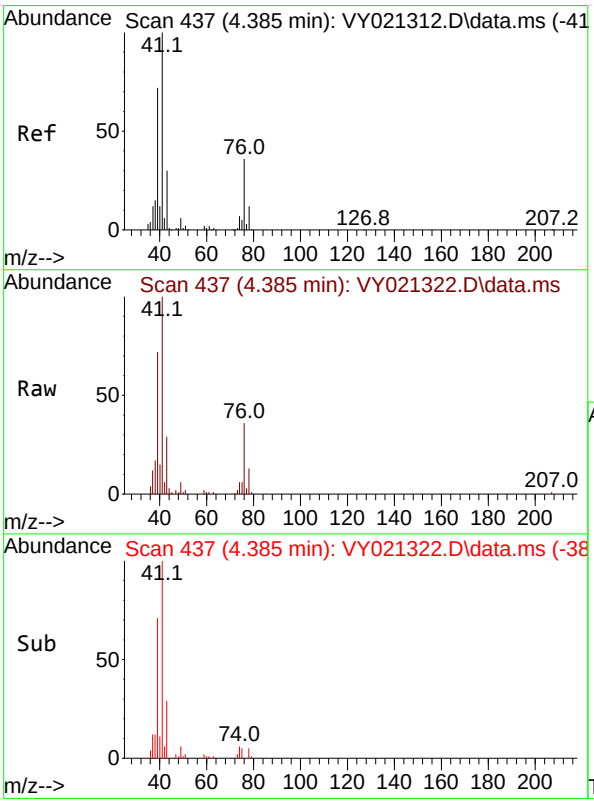
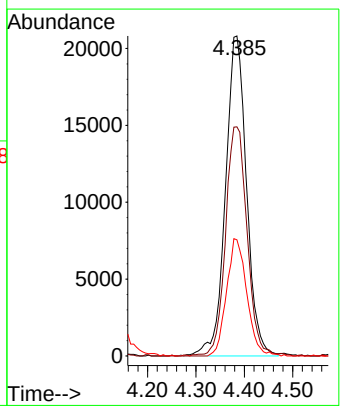
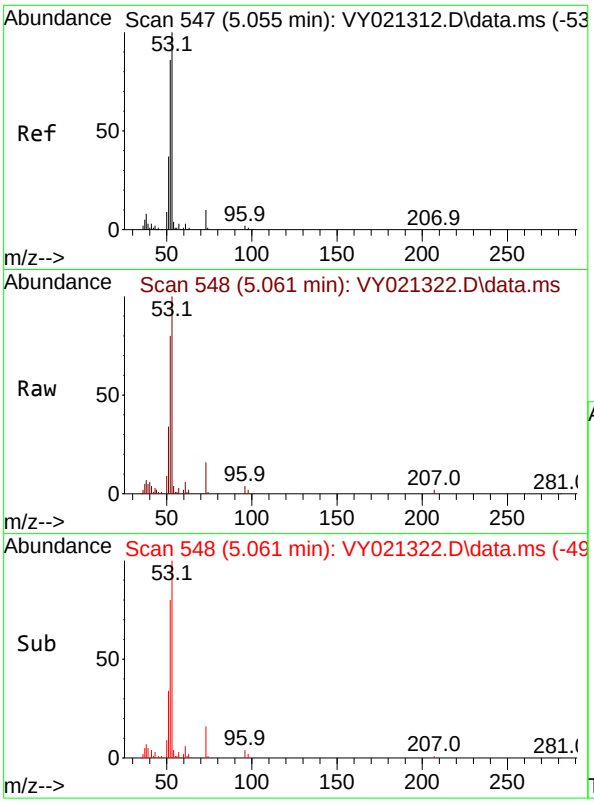


#14
Allyl chloride
Concen: 19.141 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 41 Resp: 62973

Ion	Ratio	Lower	Upper
41	100		
39	73.4	60.0	90.0
76	35.3	29.0	43.6

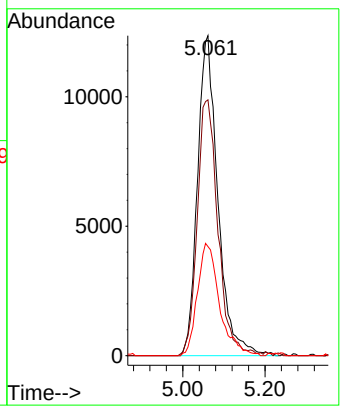




#15
Acrylonitrile
Concen: 95.903 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 53 Resp: 4259

Ion	Ratio	Lower	Upper
53	100		
52	80.9	65.5	98.3
51	38.0	30.6	46.0



Instrument :
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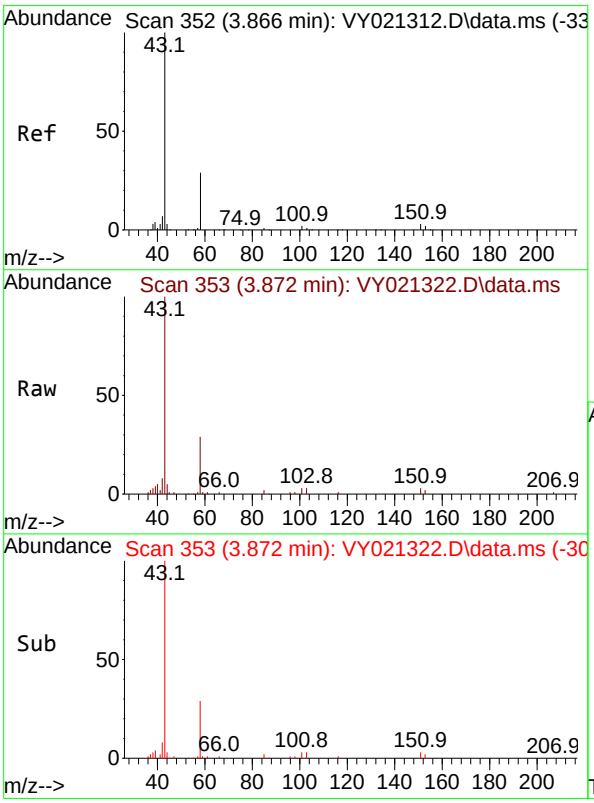
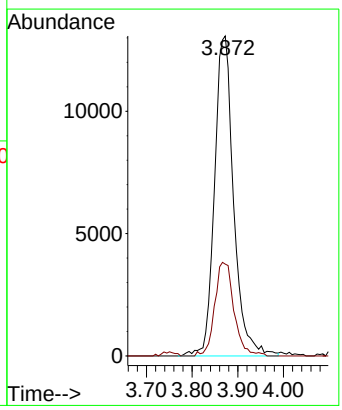
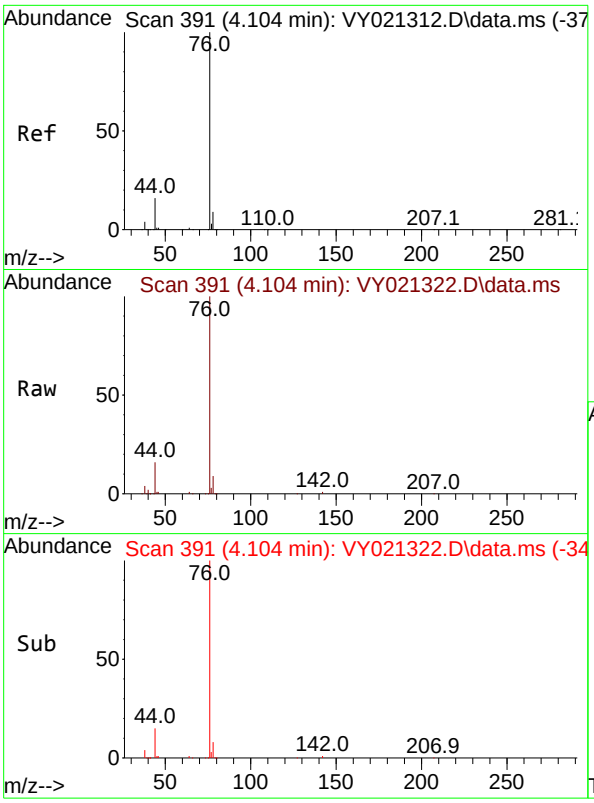


#16
Acetone
Concen: 94.873 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 43 Resp: 38073

Ion	Ratio	Lower	Upper
43	100		
58	28.7	23.5	35.3

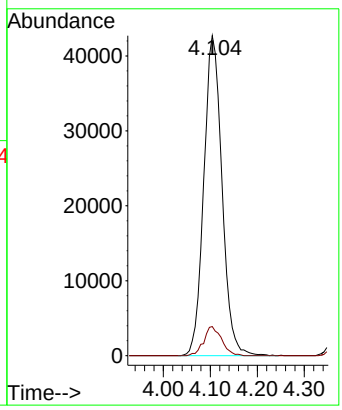




#17
Carbon Disulfide
Concen: 18.619 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 76 Resp: 11472

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7



Instrument :
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ClientSampleId :
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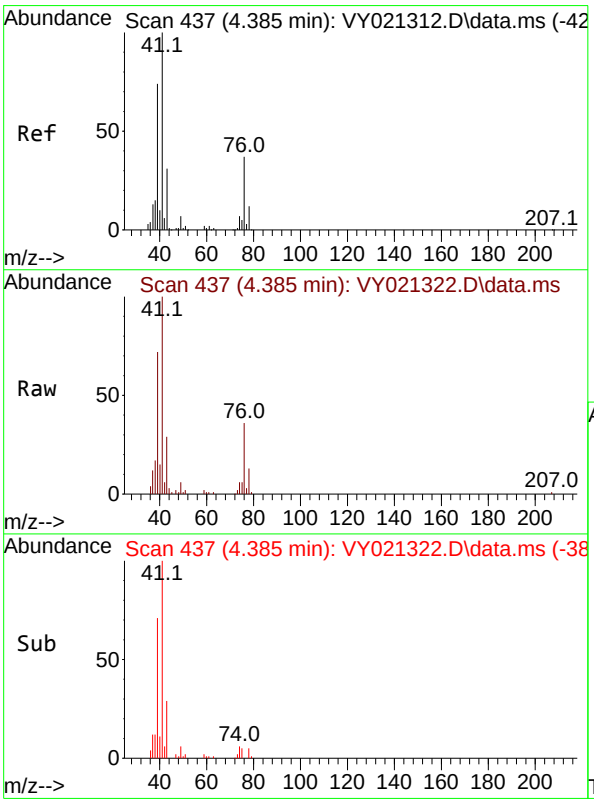
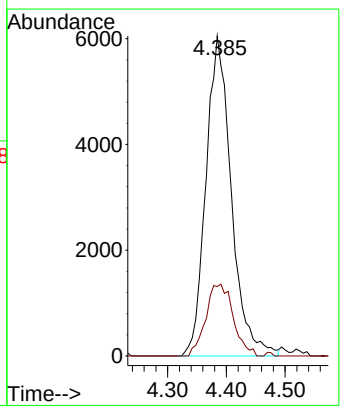
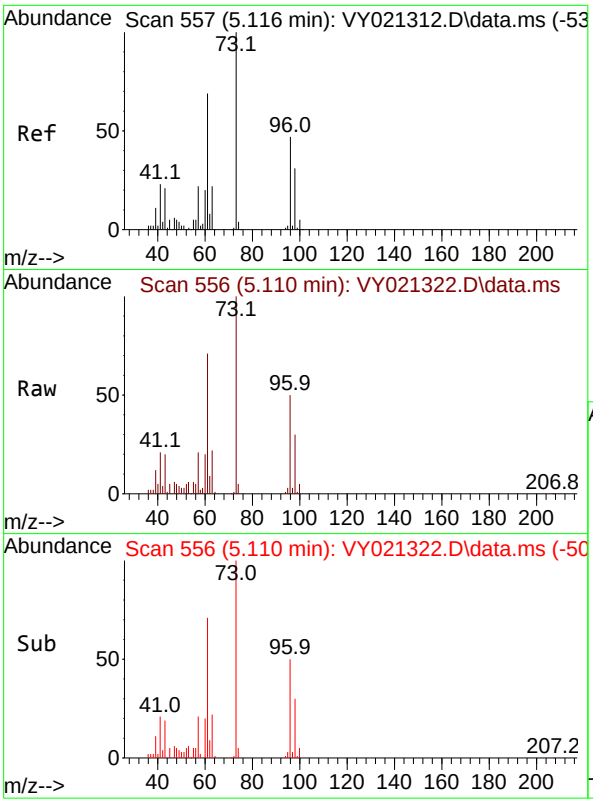


#18
Methyl Acetate
Concen: 18.509 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 43 Resp: 18152

Ion	Ratio	Lower	Upper
43	100		
74	24.2	17.7	26.5

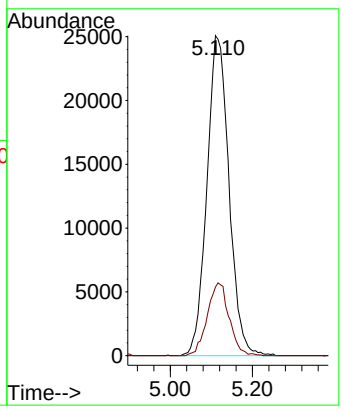




#19
Methyl tert-butyl Ether
Concen: 19.105 ug/l
RT: 5.110 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 73 Resp: 9366

Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

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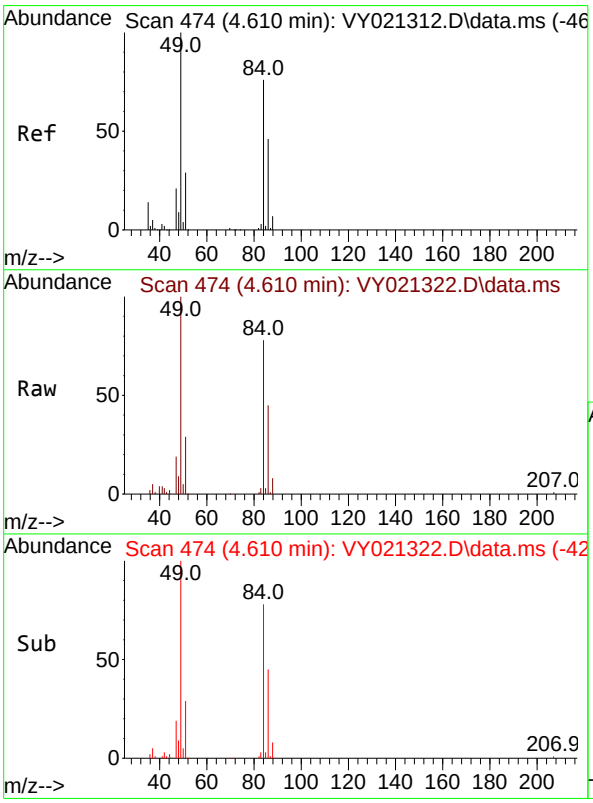
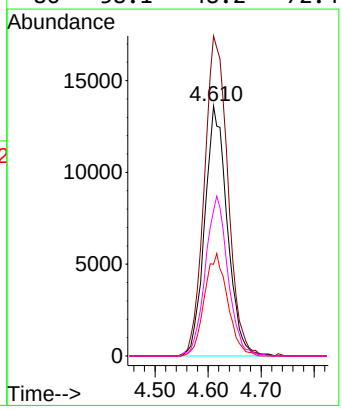
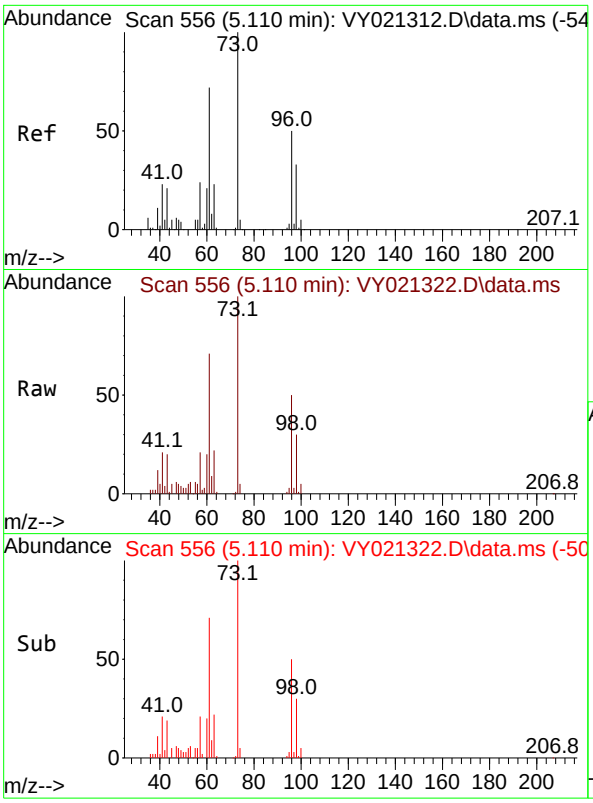


#20
Methylene Chloride
Concen: 18.488 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 84 Resp: 40120

Ion	Ratio	Lower	Upper
84	100		
49	128.0	105.1	157.7
51	36.7	31.0	46.4
86	58.1	48.2	72.4

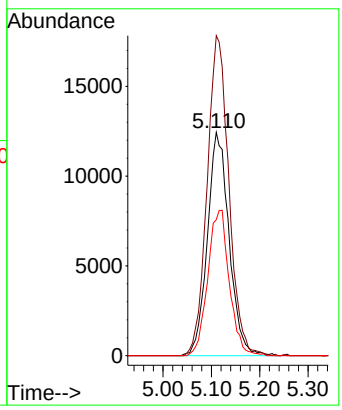




#21
trans-1,2-Dichloroethene
Concen: 19.029 ug/l
RT: 5.110 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 96 Resp: 3887

Ion	Ratio	Lower	Upper
96	100		
61	143.3	116.3	174.5
98	60.9	52.6	78.8



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

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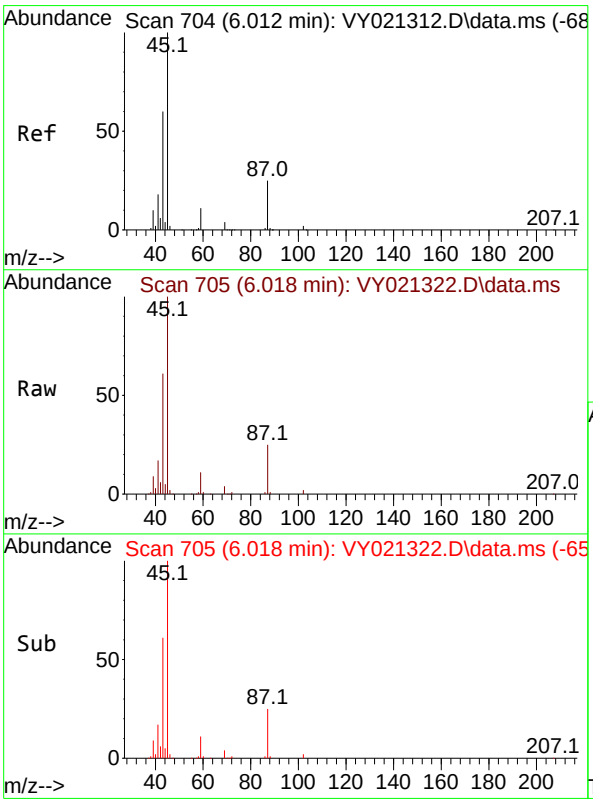
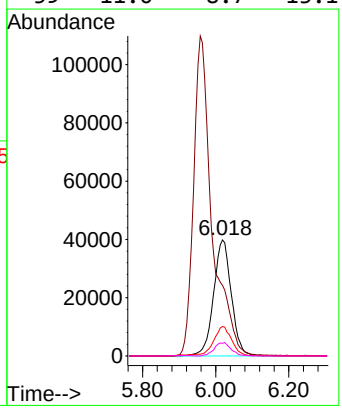
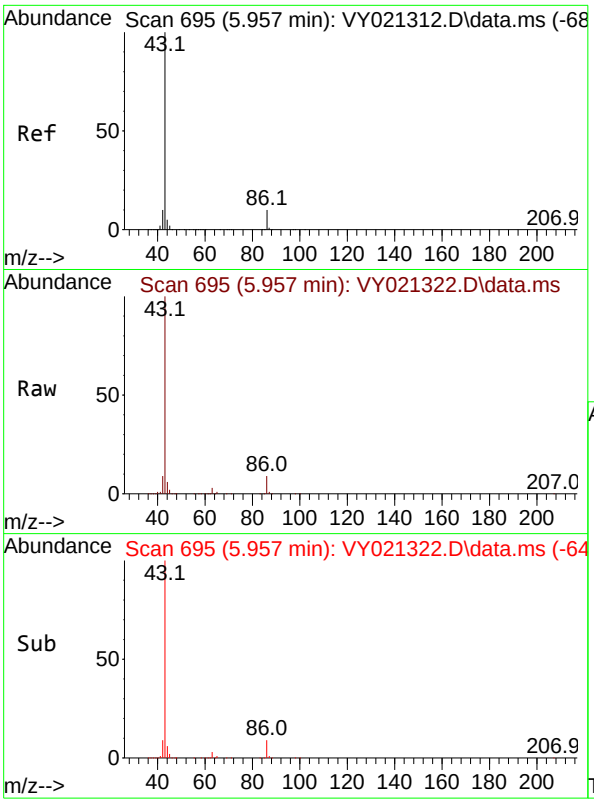


#22
Diisopropyl ether
Concen: 19.764 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 45 Resp: 134550

Ion	Ratio	Lower	Upper
45	100		
43	60.5	48.2	72.4
87	25.4	20.3	30.5
59	11.0	8.7	13.1

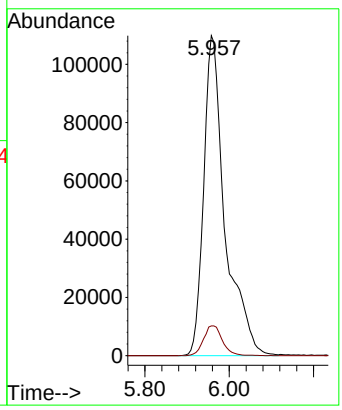




#23
Vinyl Acetate
Concen: 94.917 ug/l
RT: 5.957 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 43 Resp: 38614

Ion	Ratio	Lower	Upper
43	100		
86	9.3	8.0	12.0



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ClientSampleId :
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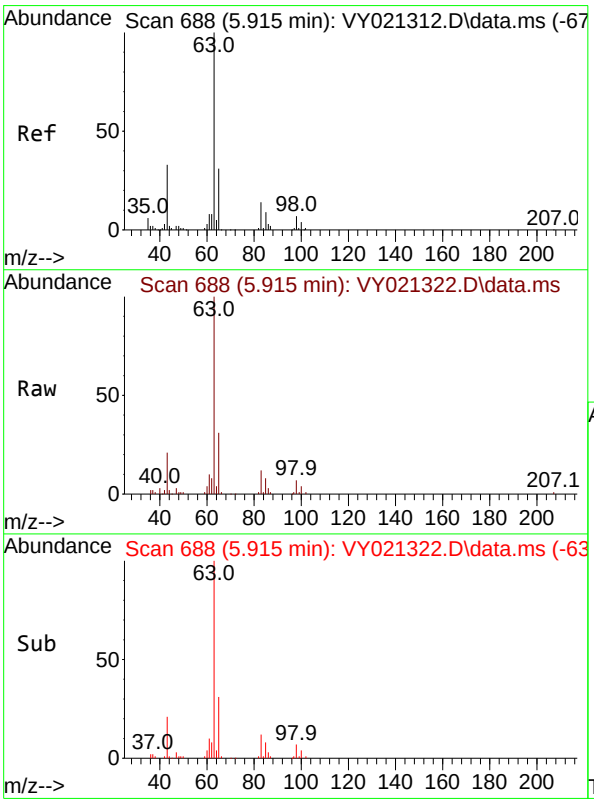
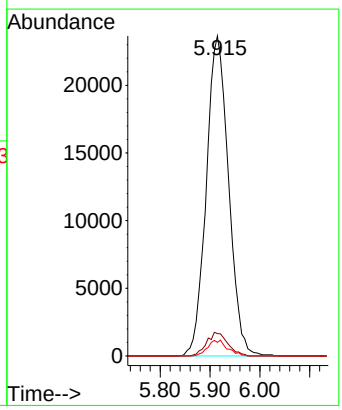
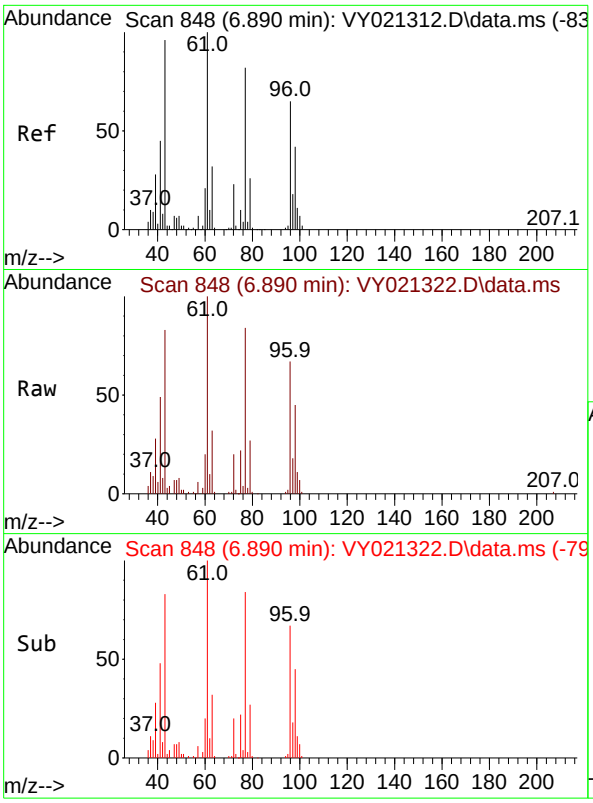


#24
1,1-Dichloroethane
Concen: 19.125 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 63 Resp: 73384

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.7	11.1
100	4.3	2.1	6.5





#25
2-Butanone
Concen: 92.910 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 43 Resp: 5627

Ion	Ratio	Lower	Upper
43	100		
72	23.9	19.0	28.6

Instrument :
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ClientSampleId :
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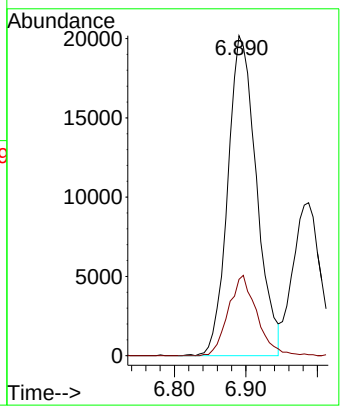
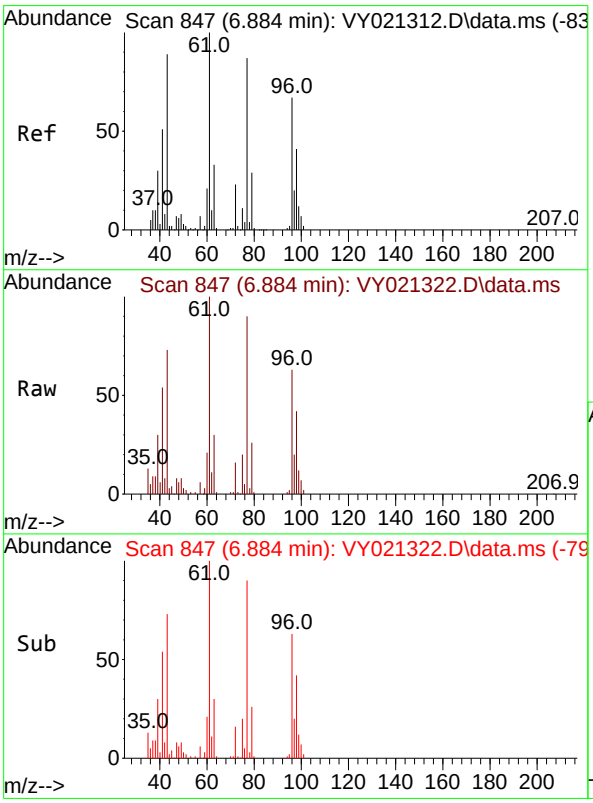
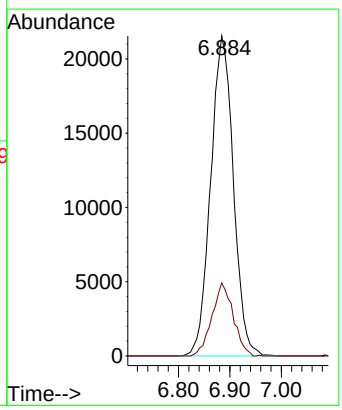


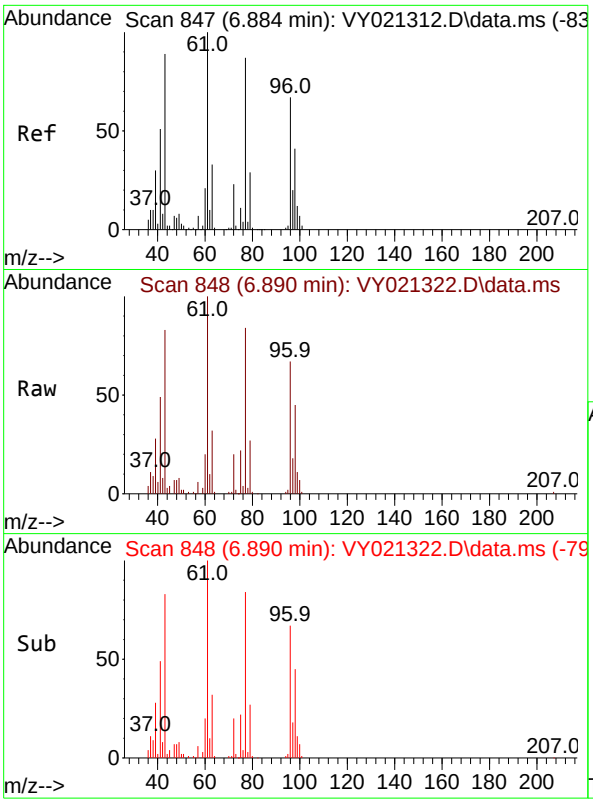


#26
2,2-Dichloropropane
Concen: 19.026 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 77 Resp: 66242

Ion	Ratio	Lower	Upper
77	100		
97	21.4	10.9	32.7

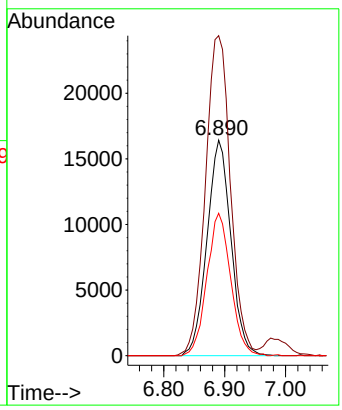




#27
cis-1,2-Dichloroethene
Concen: 19.204 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 96 Resp: 4479

Ion	Ratio	Lower	Upper
96	100		
61	155.5	0.0	308.0
98	65.6	0.0	129.6



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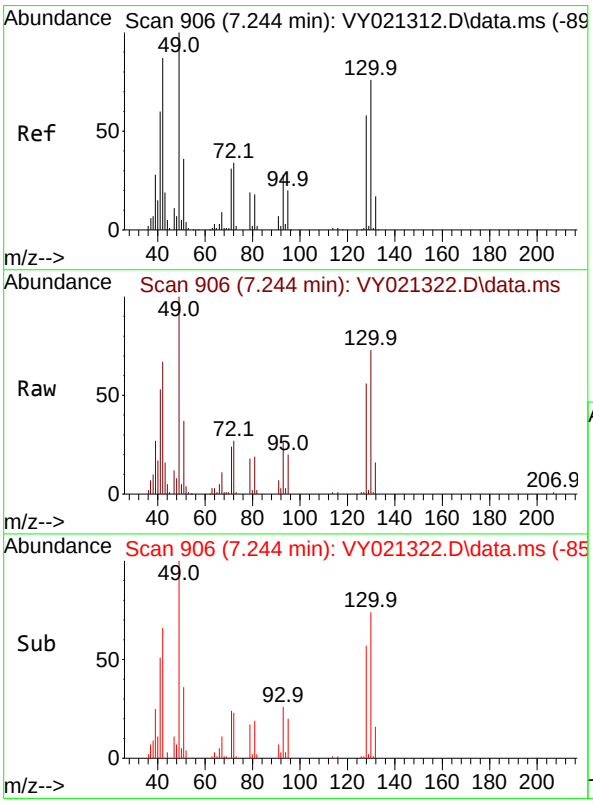
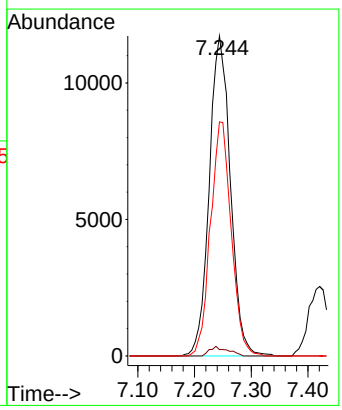
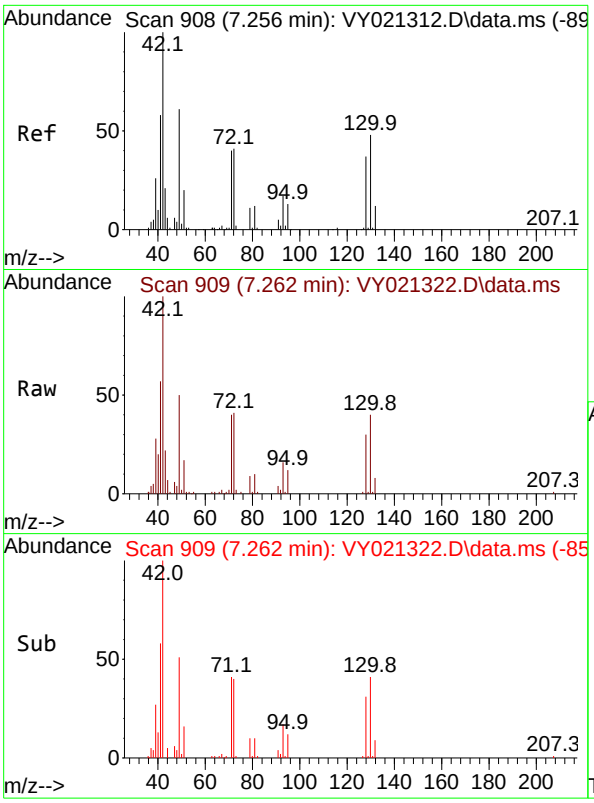


#28
Bromochloromethane
Concen: 17.864 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 49 Resp: 30330

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.0
130	71.7	57.8	86.6

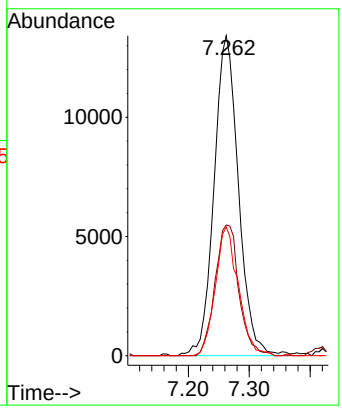




#29
Tetrahydrofuran
Concen: 94.152 ug/l
RT: 7.262 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 42 Resp: 3727

Ion	Ratio	Lower	Upper
42	100		
72	40.0	33.1	49.7
71	38.0	31.4	47.0



Instrument :
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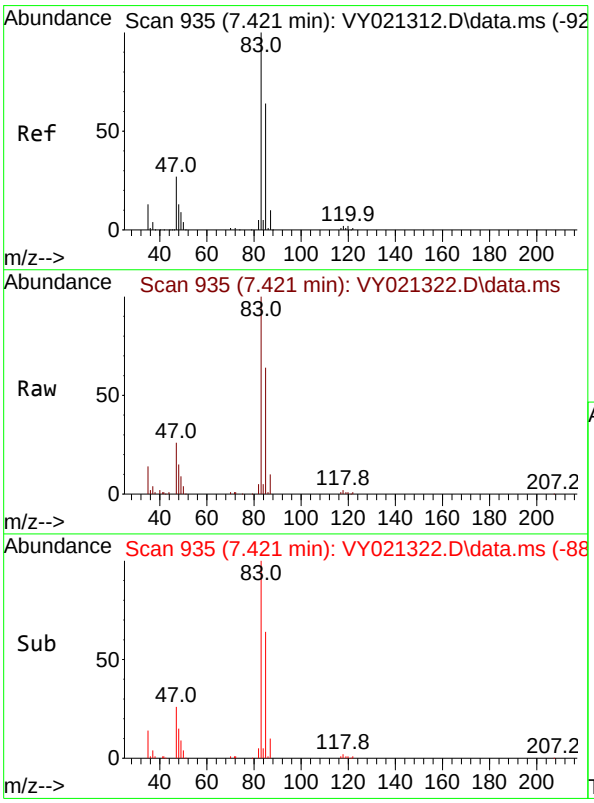
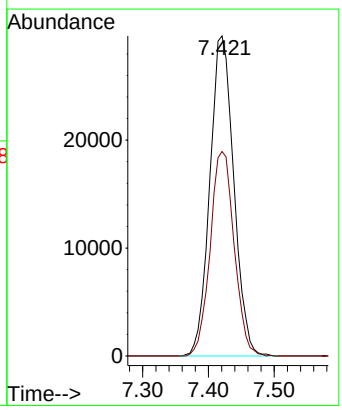
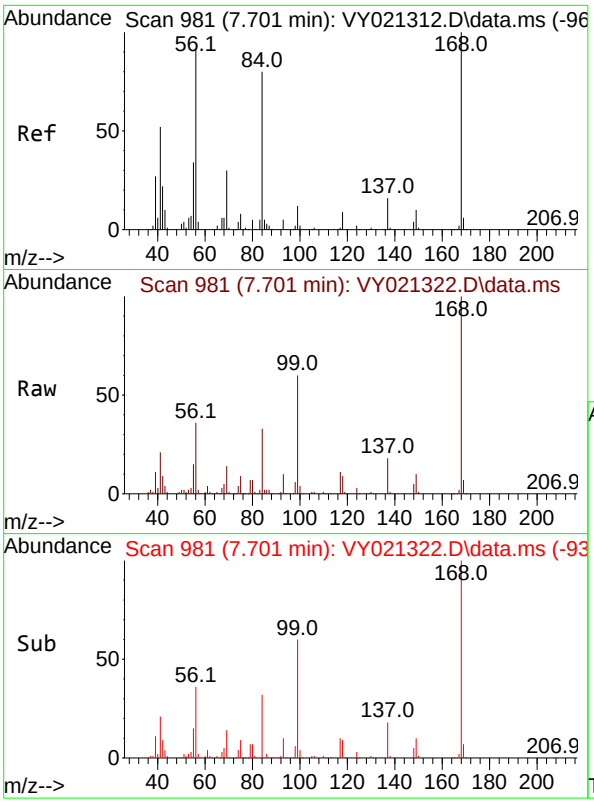


#30
Chloroform
Concen: 19.294 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 83 Resp: 75017

Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.6	77.4

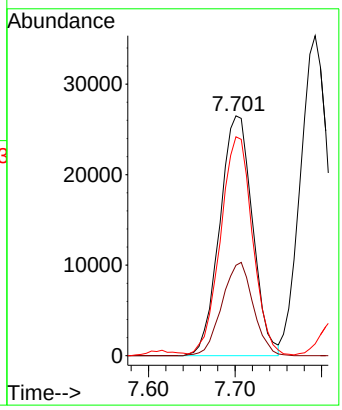




#31
Cyclohexane
Concen: 18.881 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 56 Resp: 6964

Ion	Ratio	Lower	Upper
56	100		
69	37.7	26.2	39.4
84	90.1	70.2	105.4



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

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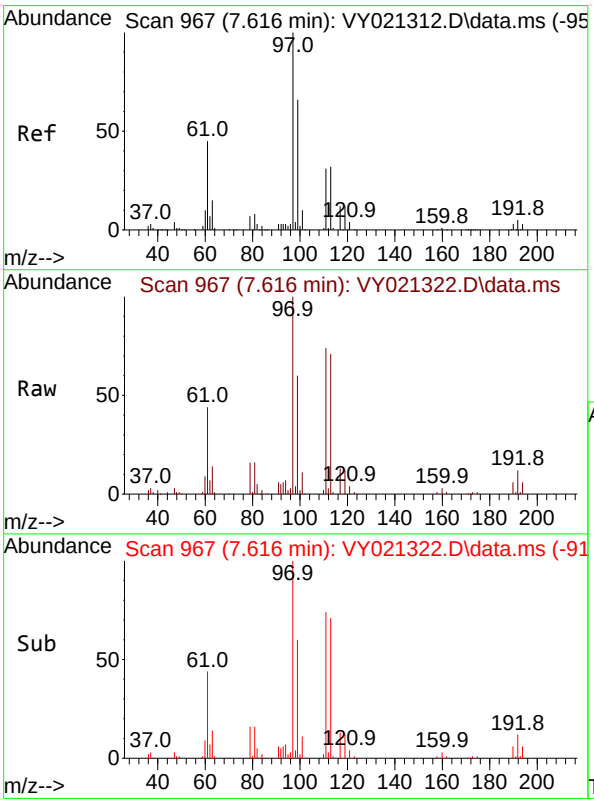
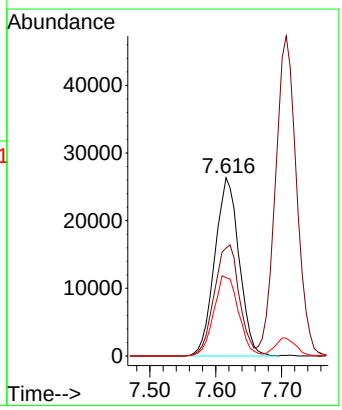
Supervised By :Mahesh Dadoda 02/27/2025

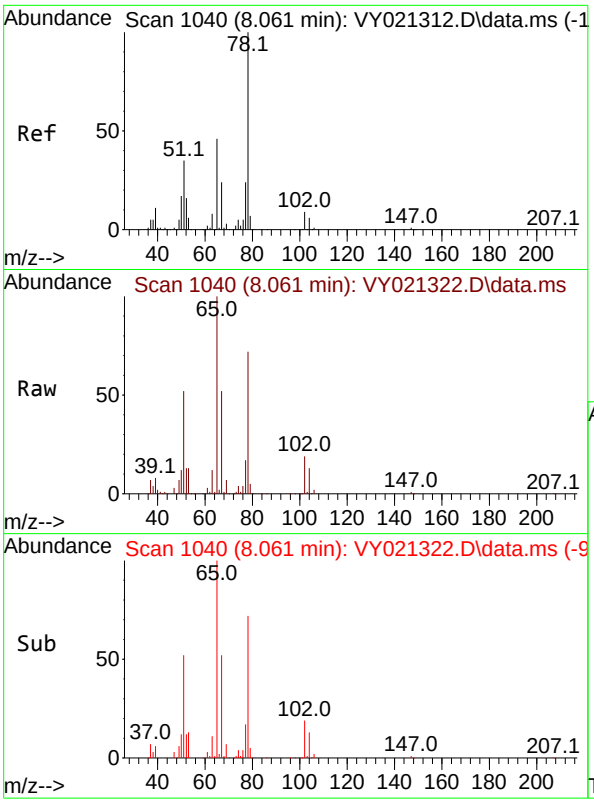


#32
1,1,1-Trichloroethane
Concen: 19.180 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 97 Resp: 67879

Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.4	78.6
61	45.6	36.2	54.2

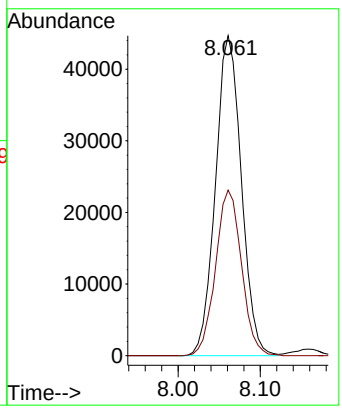




#33
1,2-Dichloroethane-d4
Concen: 46.693 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 65 Resp: 9768

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	103.6



Instrument :
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ClientSampleId :
VY0226SBS01

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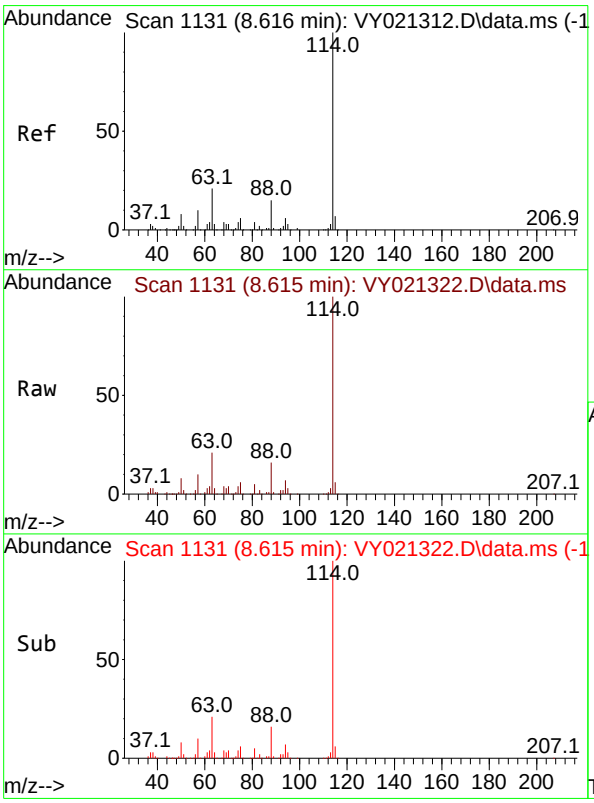
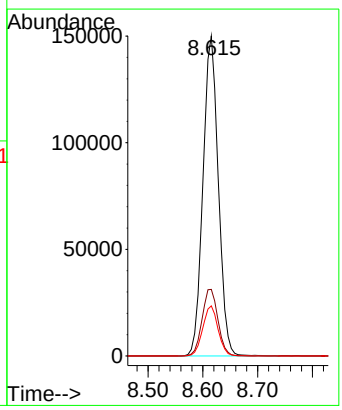
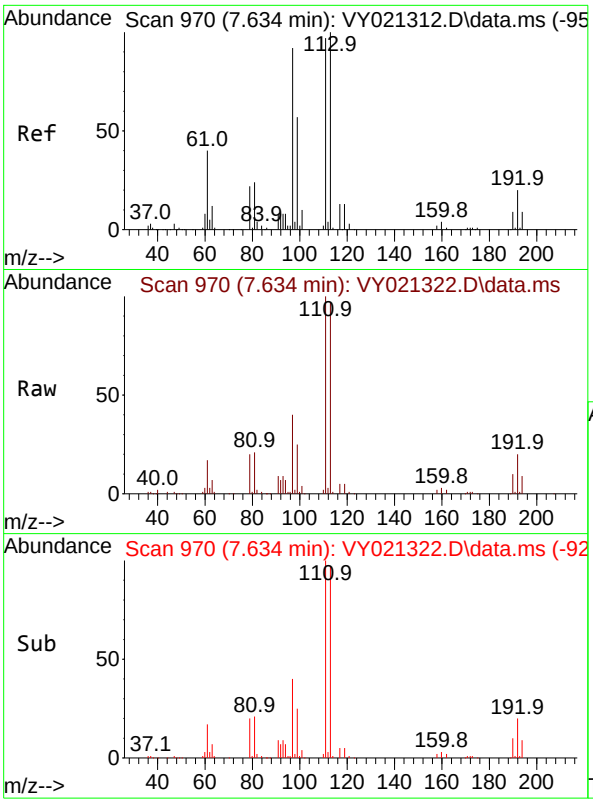


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:114 Resp: 291138

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	42.2
88	15.6	0.0	29.8

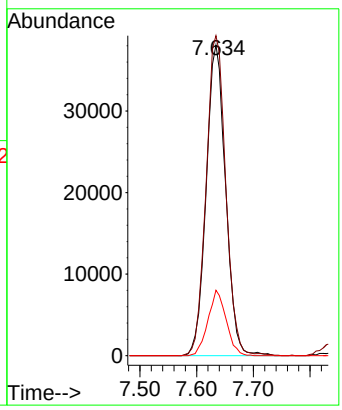




#35
Dibromofluoromethane
Concen: 47.410 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:113 Resp: 9049

Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.0	121.6
192	19.8	15.8	23.8



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

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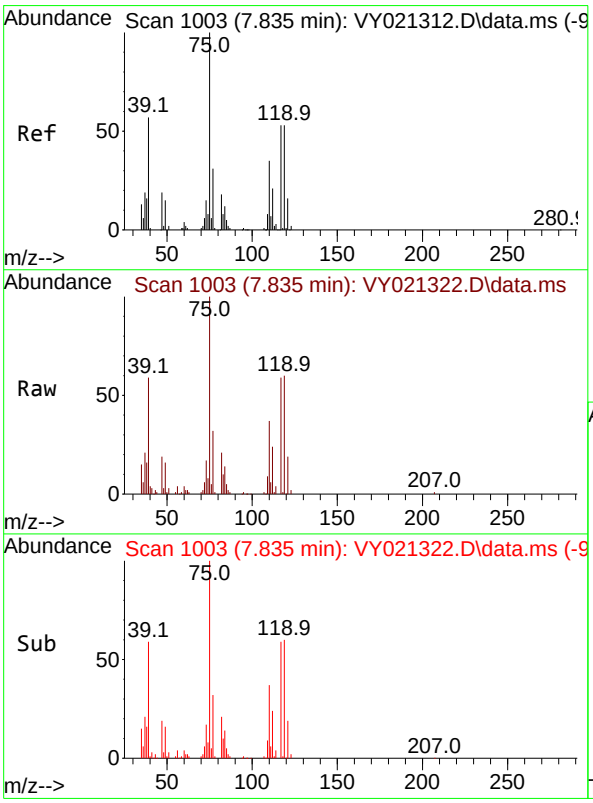
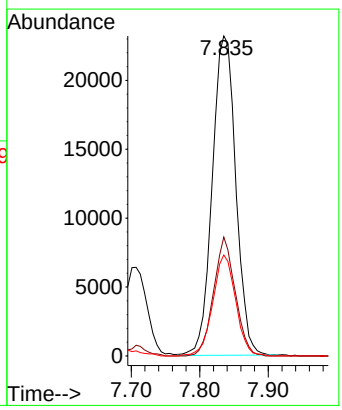
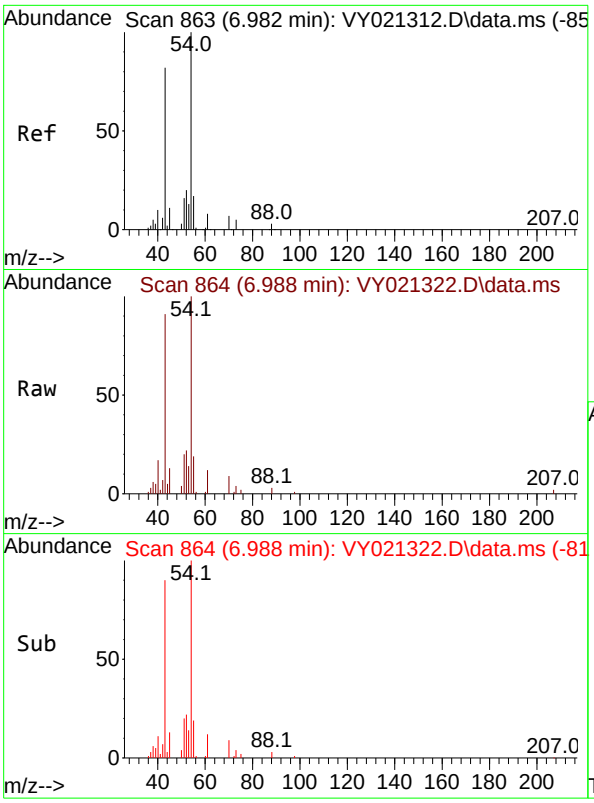


#36
1,1-Dichloropropene
Concen: 19.247 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 75 Resp: 55184

Ion	Ratio	Lower	Upper
75	100		
110	34.2	16.9	50.7
77	30.8	24.6	36.8

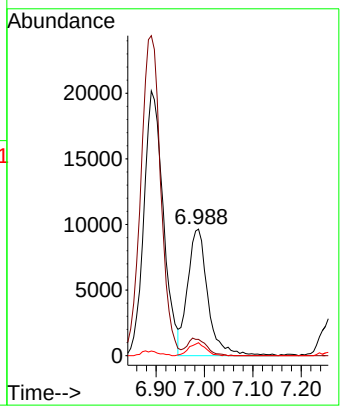




#37
Ethyl Acetate
Concen: 19.657 ug/l
RT: 6.988 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 43 Resp: 2803

Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.4	15.6
70	8.5	7.5	11.3



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

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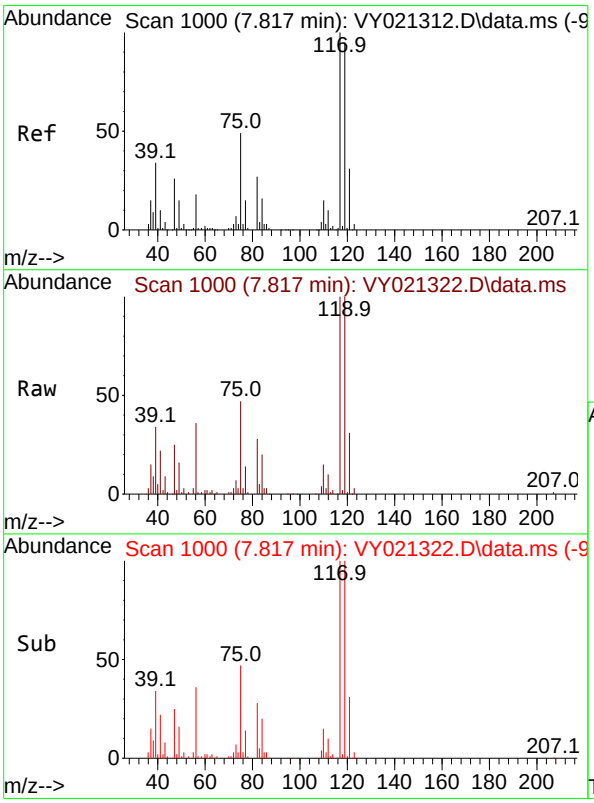
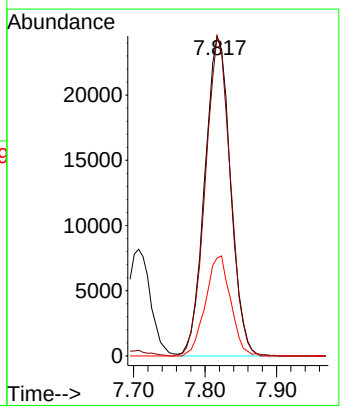
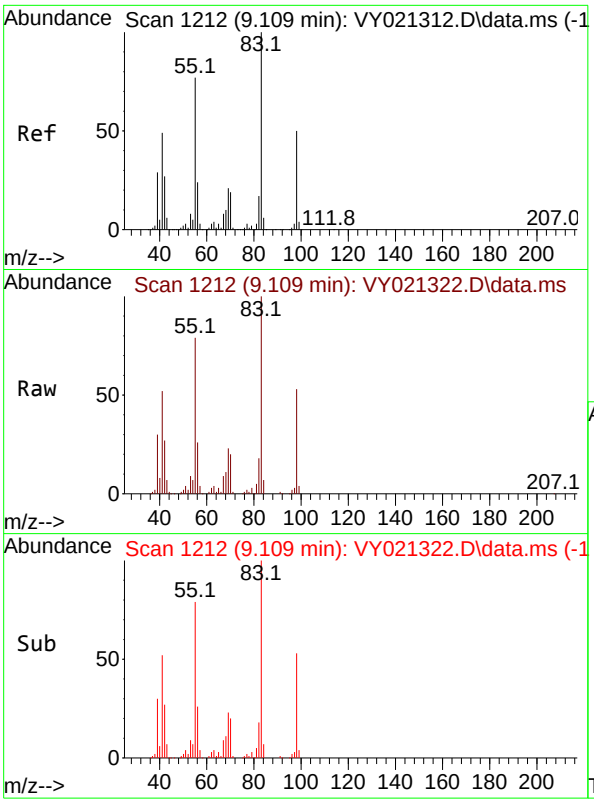


#38
Carbon Tetrachloride
Concen: 18.991 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:117 Resp: 61214

Ion	Ratio	Lower	Upper
117	100		
119	100.1	76.0	114.0
121	30.7	24.9	37.3





#39
Methylcyclohexane
Concen: 18.897 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 83 Resp: 6852

Ion	Ratio	Lower	Upper
83	100		
55	79.1	61.3	91.9
98	52.7	39.9	59.9

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

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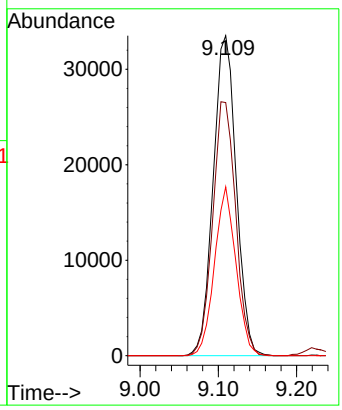
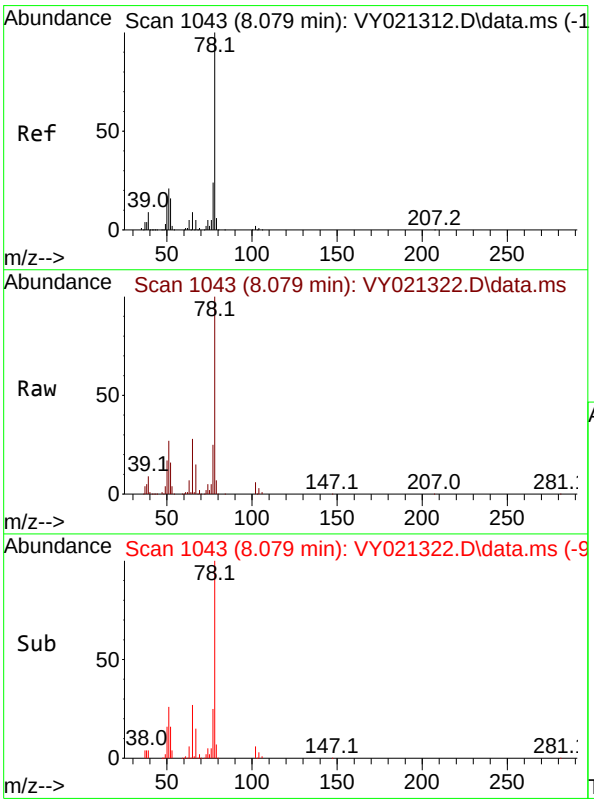
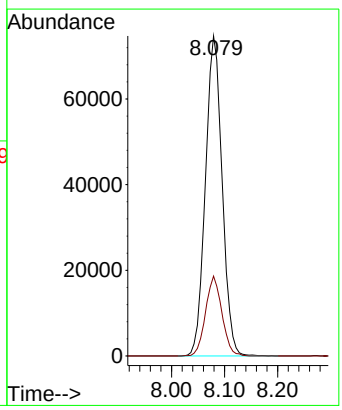


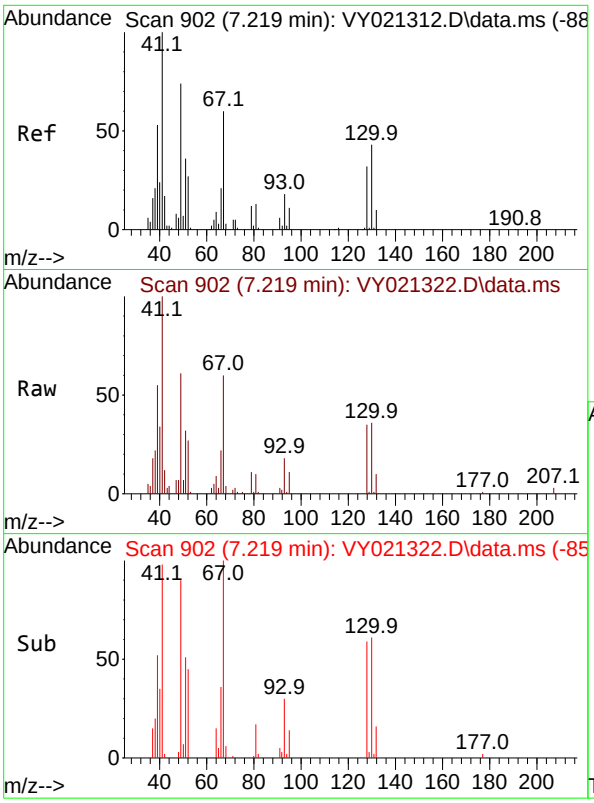


#40
Benzene
Concen: 19.308 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 78 Resp: 163641

Ion	Ratio	Lower	Upper
78	100		
77	25.0	19.2	28.8

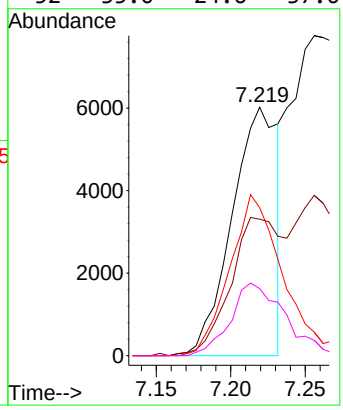




#41
Methacrylonitrile
Concen: 16.203 ug/l m
RT: 7.219 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 41 Resp: 1292

Ion	Ratio	Lower	Upper
41	100		
39	64.9	42.3	63.5
67	74.9	54.8	82.2
52	35.0	24.6	37.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

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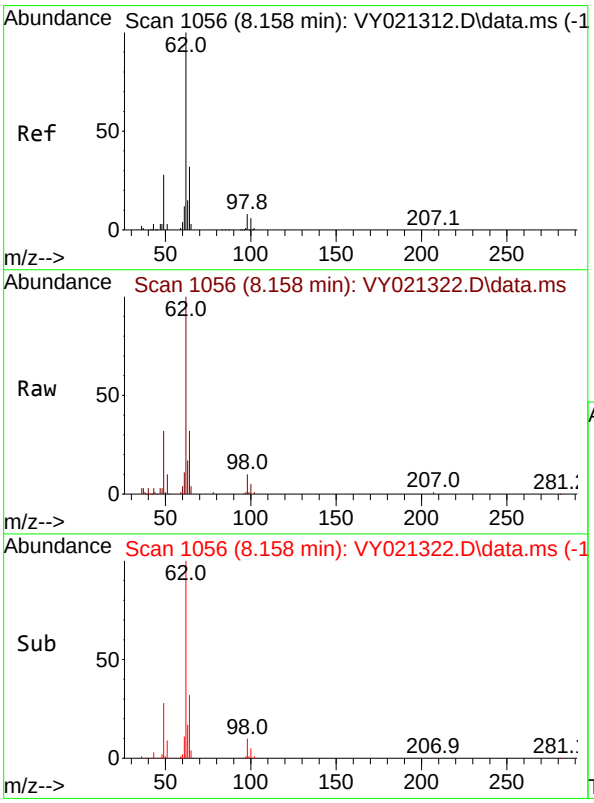
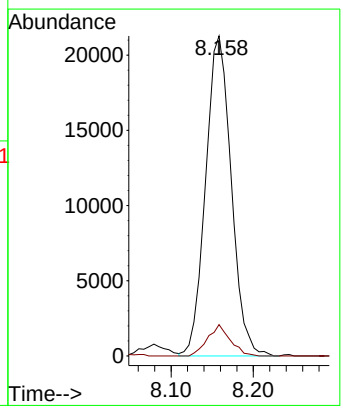
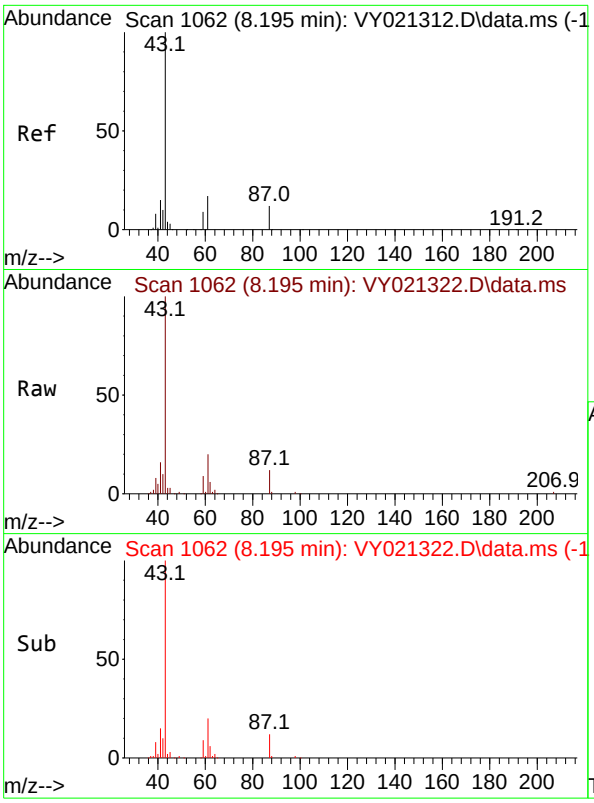


#42
1,2-Dichloroethane
Concen: 19.193 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 62 Resp: 46152

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.6

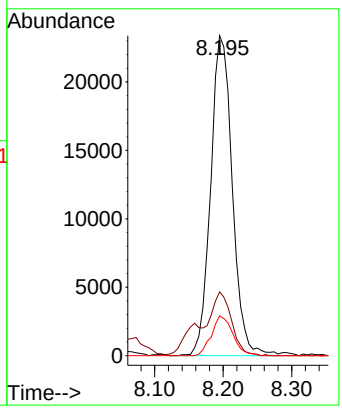




#43
Isopropyl Acetate
Concen: 18.626 ug/l
RT: 8.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 43 Resp: 5141

Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.0	22.6
87	12.2	10.0	15.0



Instrument :
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ClientSampleId :
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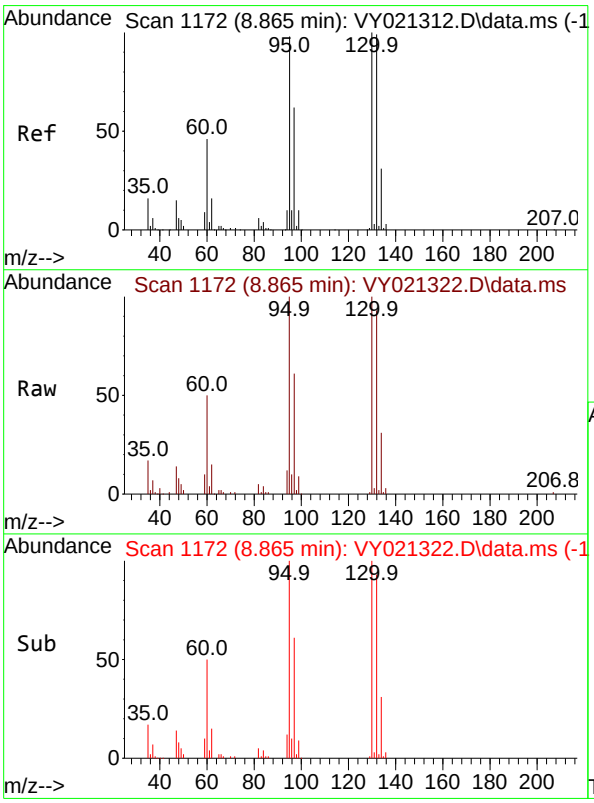
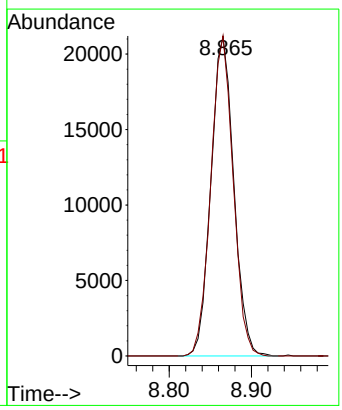
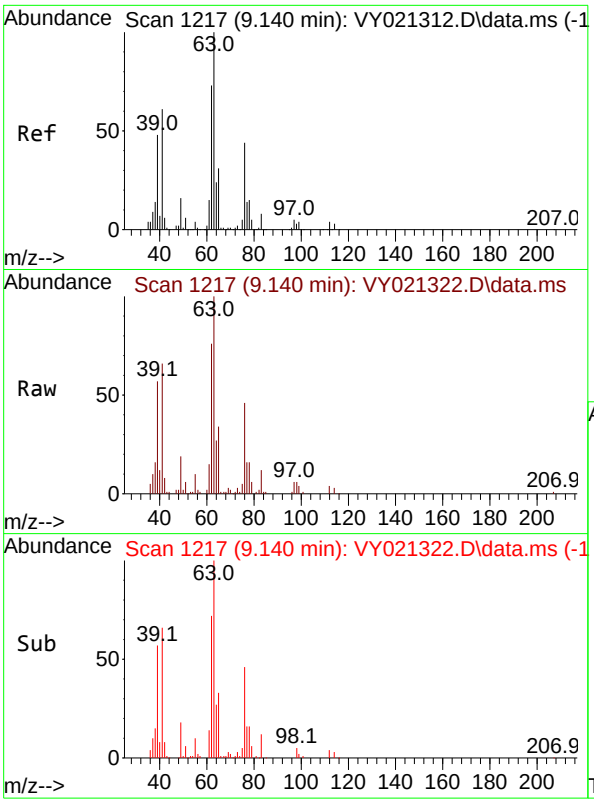


#44
Trichloroethene
Concen: 19.214 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:130 Resp: 40770

Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	196.0

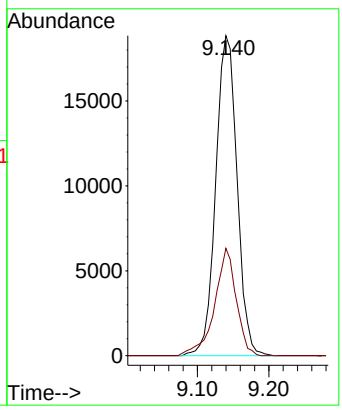




#45
1,2-Dichloropropane
Concen: 19.139 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 63 Resp: 3903

Ion	Ratio	Lower	Upper
63	100		
65	33.5	24.6	36.8



Instrument :
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ClientSampleId :
VY0226SBS01

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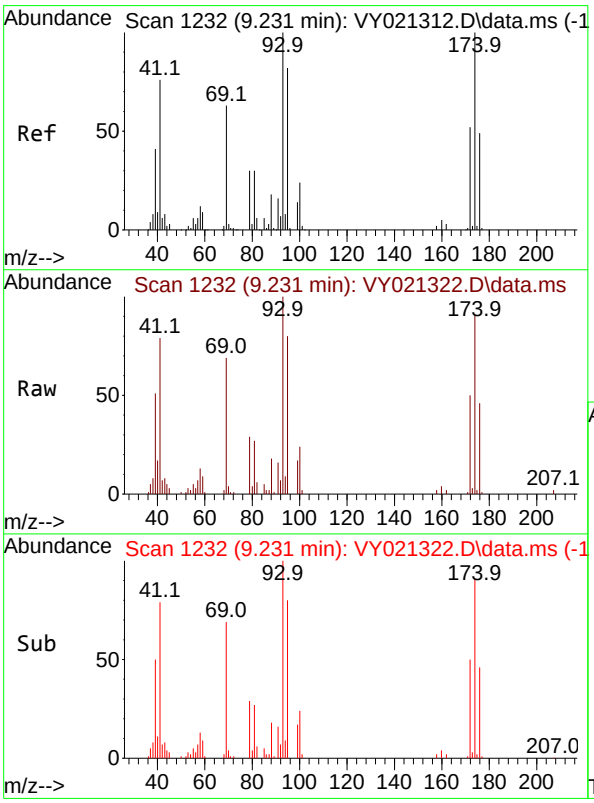
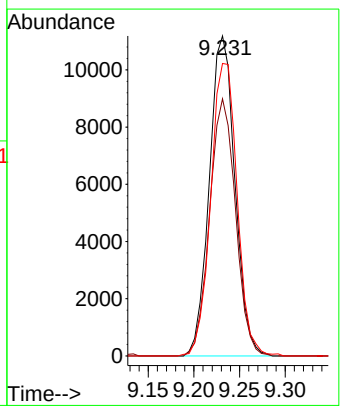
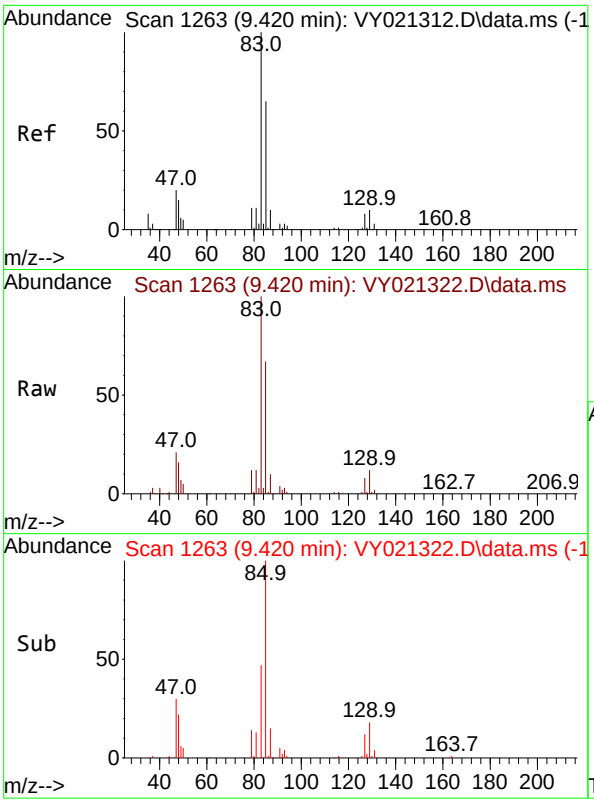


#46
Dibromomethane
Concen: 19.549 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 93 Resp: 21795

Ion	Ratio	Lower	Upper
93	100		
95	81.2	66.4	99.6
174	94.2	78.2	117.2

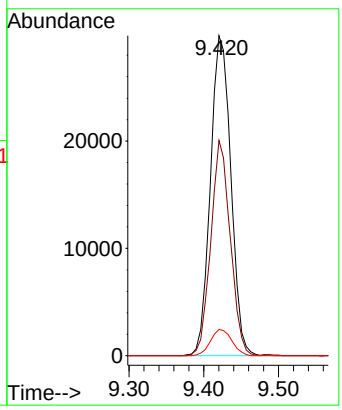




#47
Bromodichloromethane
Concen: 19.056 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 83 Resp: 5665

Ion	Ratio	Lower	Upper
83	100		
85	67.3	51.8	77.8
127	8.2	6.7	10.1



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

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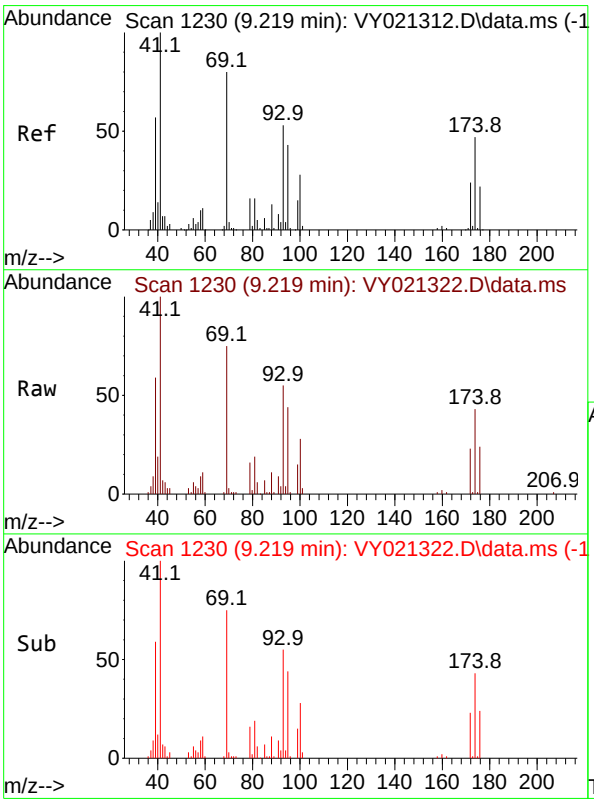
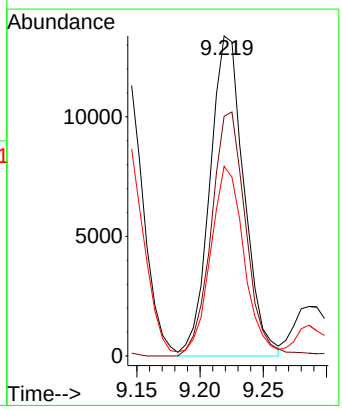
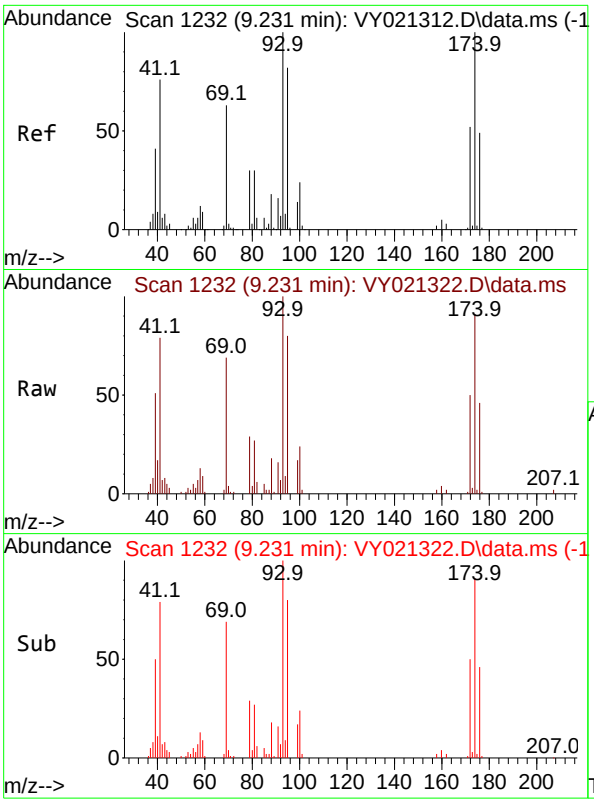


#48
Methyl methacrylate
Concen: 19.377 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 41 Resp: 25014

Ion	Ratio	Lower	Upper
41	100		
69	77.6	63.3	94.9
39	55.5	45.0	67.6





#49
1,4-Dioxane
Concen: 369.128 ug/l
RT: 9.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 88 Resp: 457

Ion	Ratio	Lower	Upper
88	100		
43	40.2	34.8	52.2
58	76.9	59.8	89.6

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Manual Integrations
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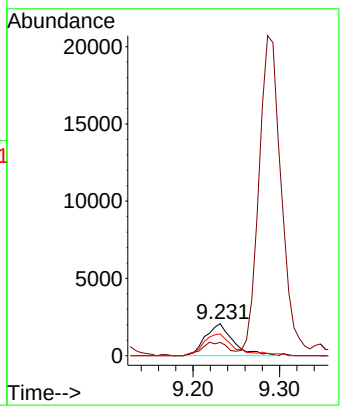
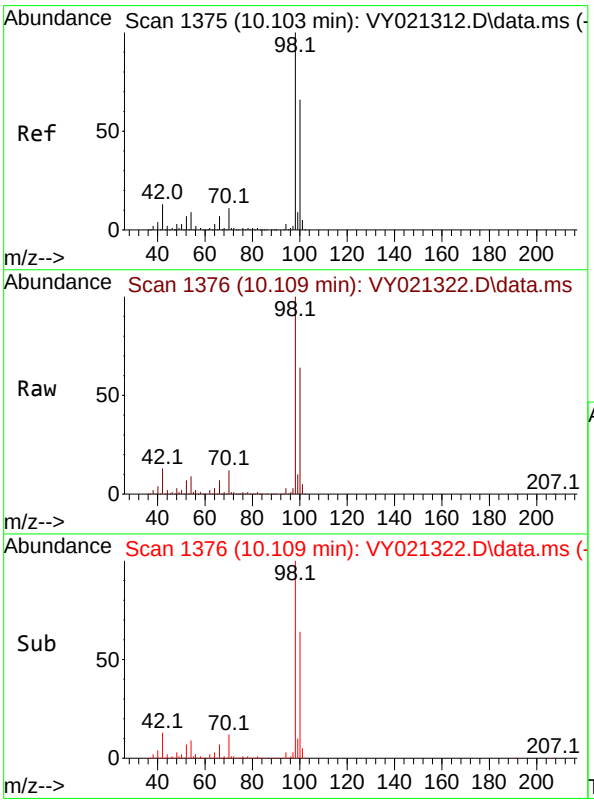
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

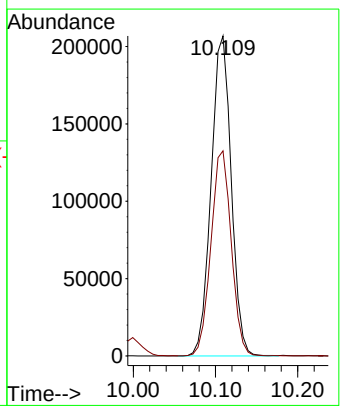


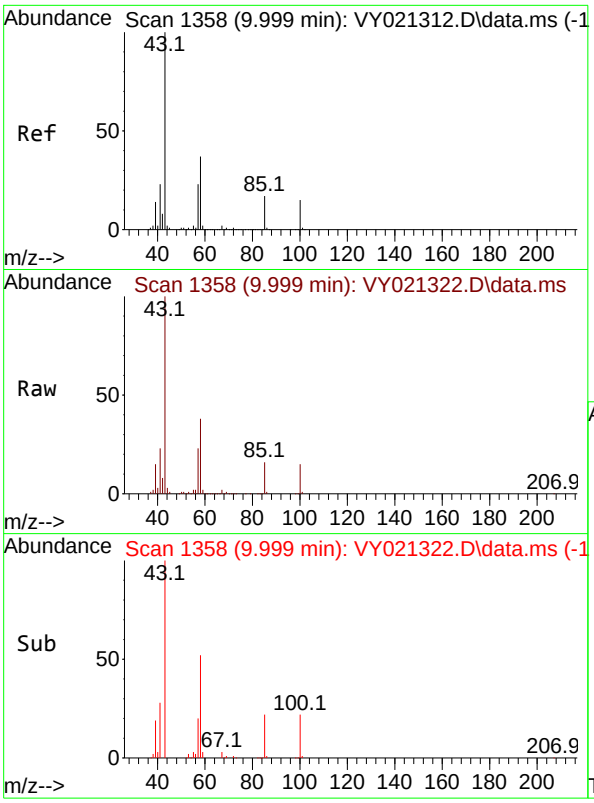


#50
Toluene-d8
Concen: 47.609 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 98 Resp: 351200

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.4	78.6

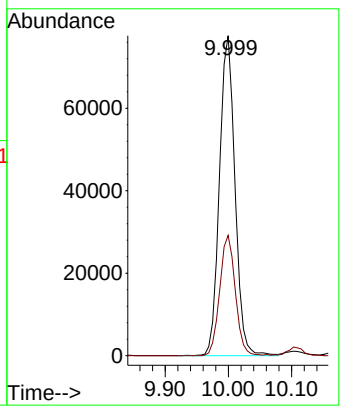




#51
4-Methyl-2-Pentanone
Concen: 93.298 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 43 Resp: 13183

Ion	Ratio	Lower	Upper
43	100		
58	37.7	30.1	45.1



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

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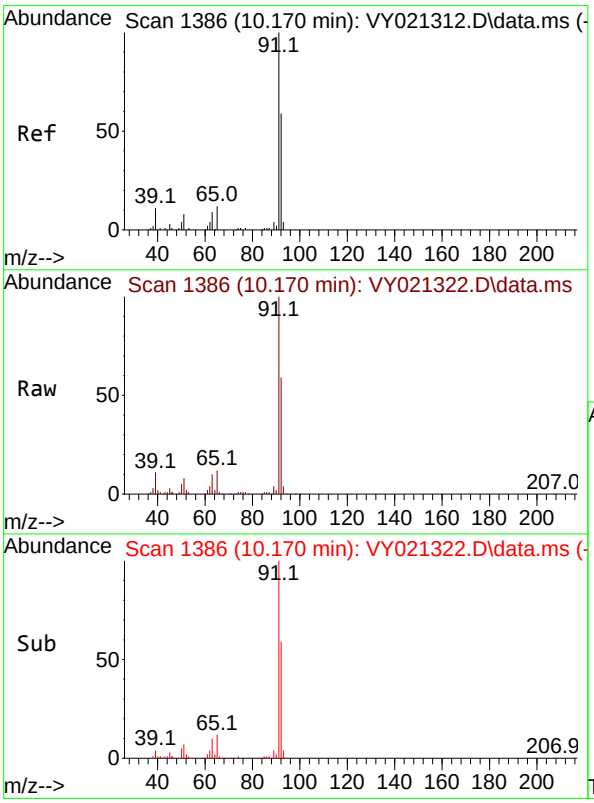
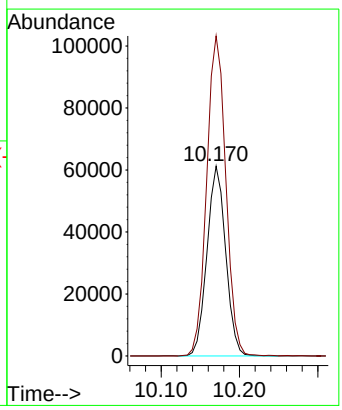
Supervised By :Mahesh Dadoda 02/27/2025

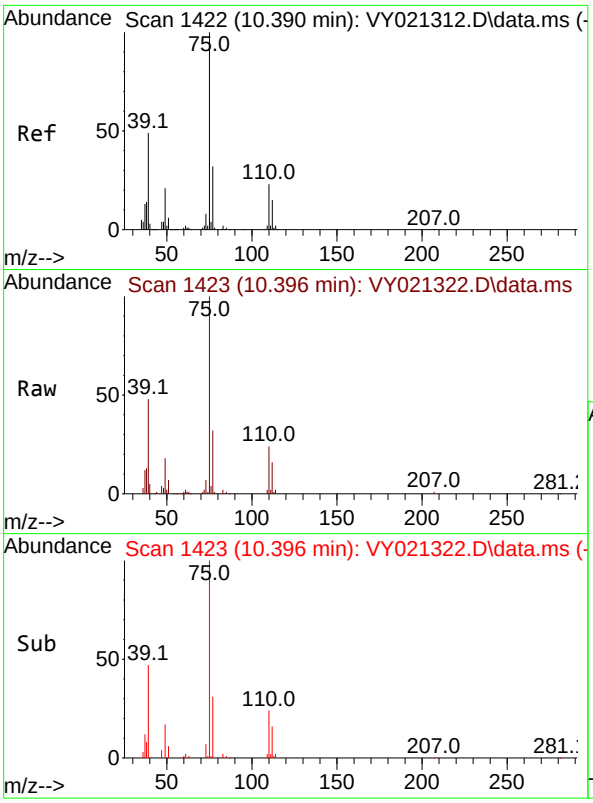


#52
Toluene
Concen: 19.255 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 92 Resp: 101381

Ion	Ratio	Lower	Upper
92	100		
91	172.7	137.8	206.8

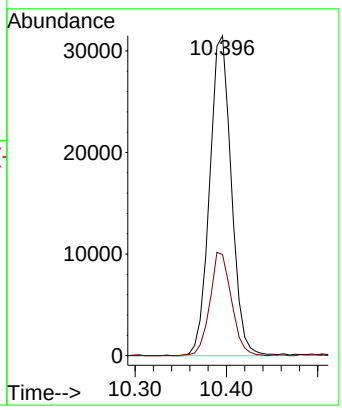




#53
t-1,3-Dichloropropene
Concen: 19.034 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 75 Resp: 5184

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.3	37.9



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

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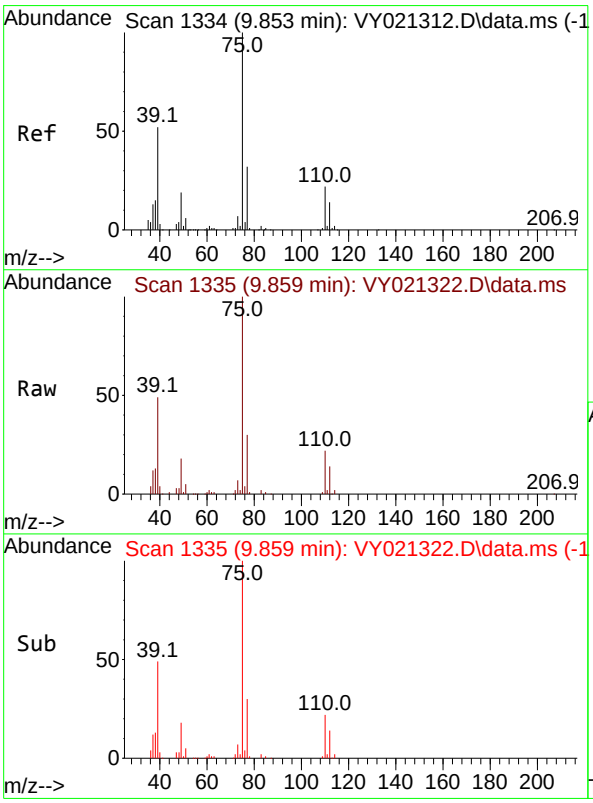
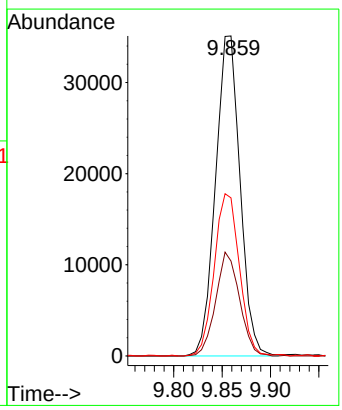
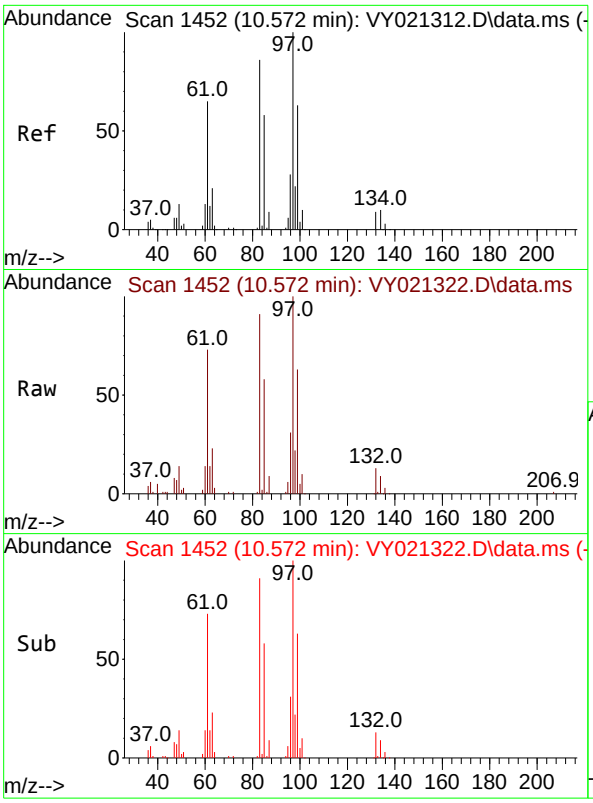


#54
cis-1,3-Dichloropropene
Concen: 19.278 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 75 Resp: 61986

Ion	Ratio	Lower	Upper
75	100		
77	29.7	25.7	38.5
39	49.4	41.8	62.6

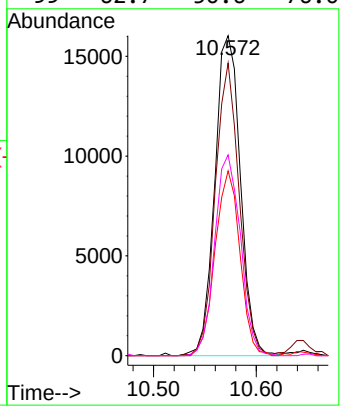




#55
1,1,2-Trichloroethane
Concen: 19.099 ug/l
RT: 10.572 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 97 Resp: 2774

Ion	Ratio	Lower	Upper
97	100		
83	91.5	68.7	103.1
85	57.8	46.3	69.5
99	62.7	50.6	76.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

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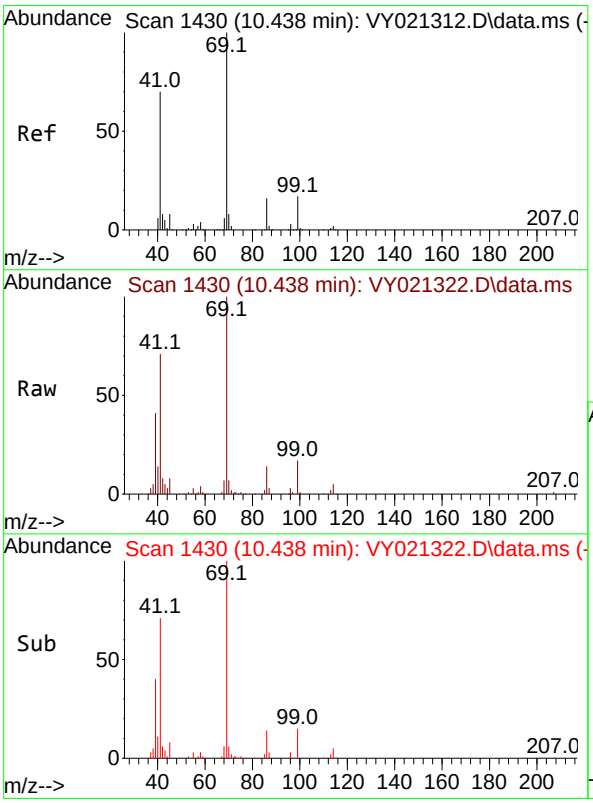
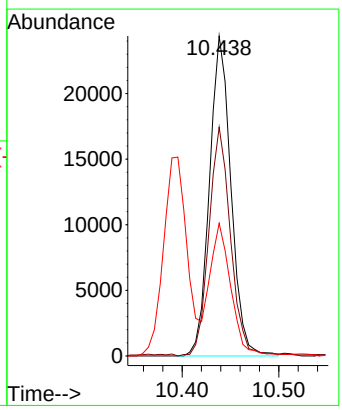
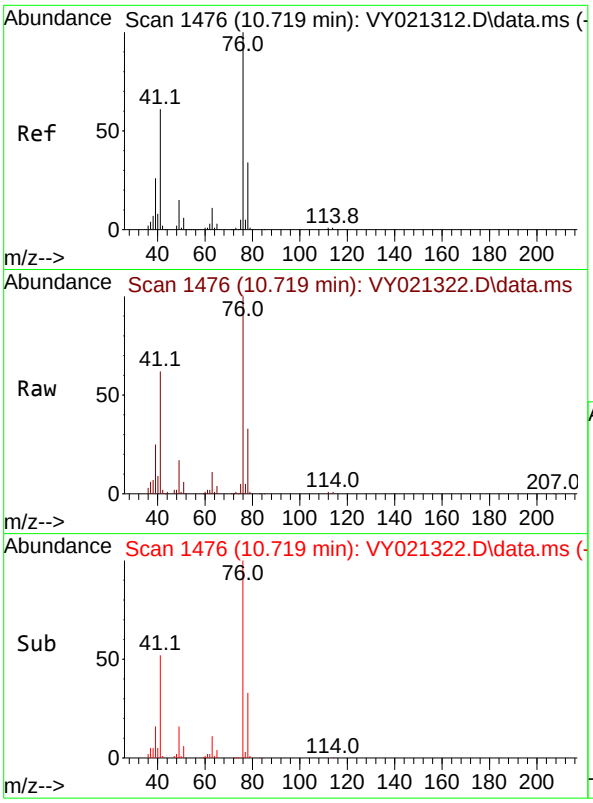


#56
Ethyl methacrylate
Concen: 18.751 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 69 Resp: 37632

Ion	Ratio	Lower	Upper
69	100		
41	72.0	56.2	84.4
39	40.8	32.7	49.1

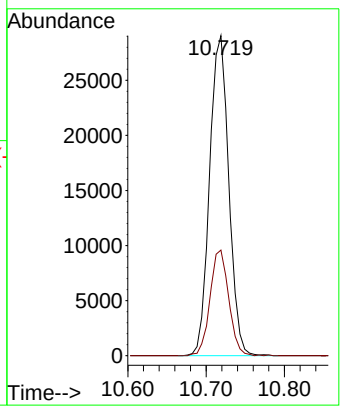




#57
1,3-Dichloropropane
Concen: 19.380 ug/l
RT: 10.719 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 76 Resp: 4939

Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.9	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

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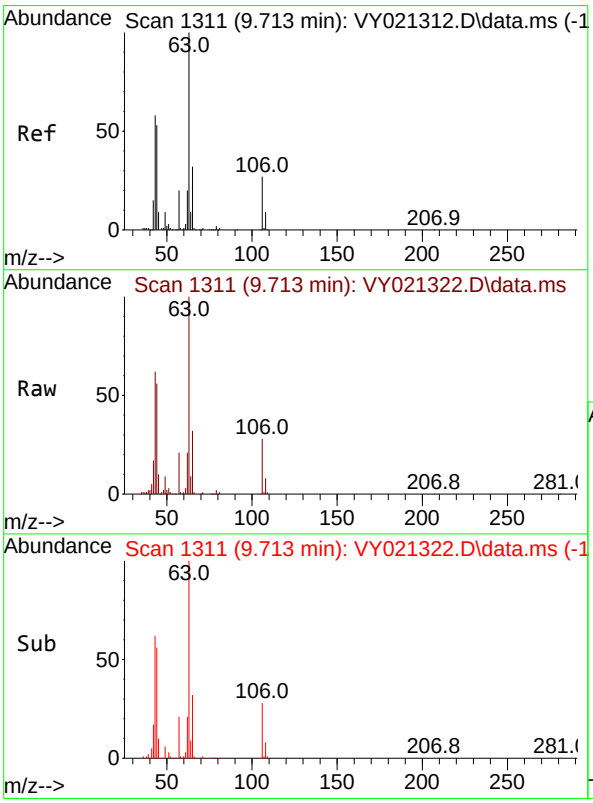
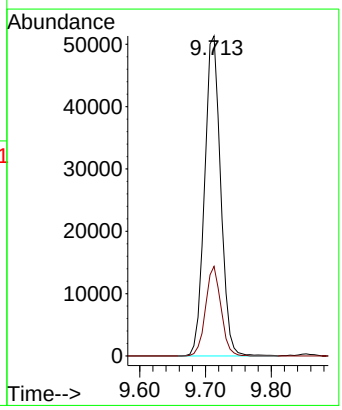
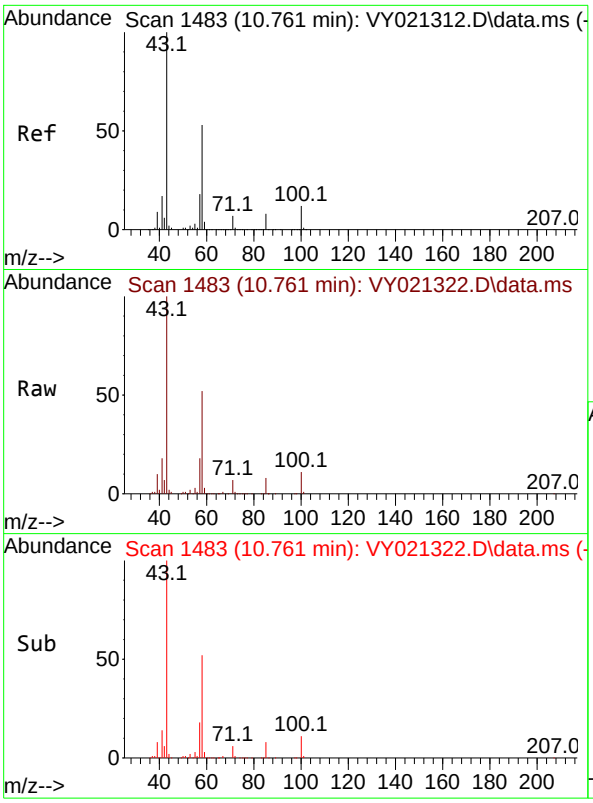


#58
2-Chloroethyl Vinyl ether
Concen: 90.414 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 63 Resp: 87093

Ion	Ratio	Lower	Upper
63	100		
106	26.9	21.7	32.5





#59
2-Hexanone
Concen: 93.755 ug/l
RT: 10.761 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 43 Resp: 8700

Ion	Ratio	Lower	Upper
43	100		
58	51.2	25.9	77.6

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Manual Integrations
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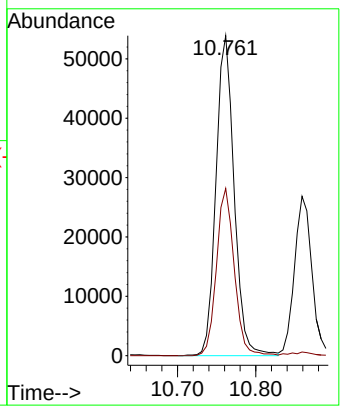
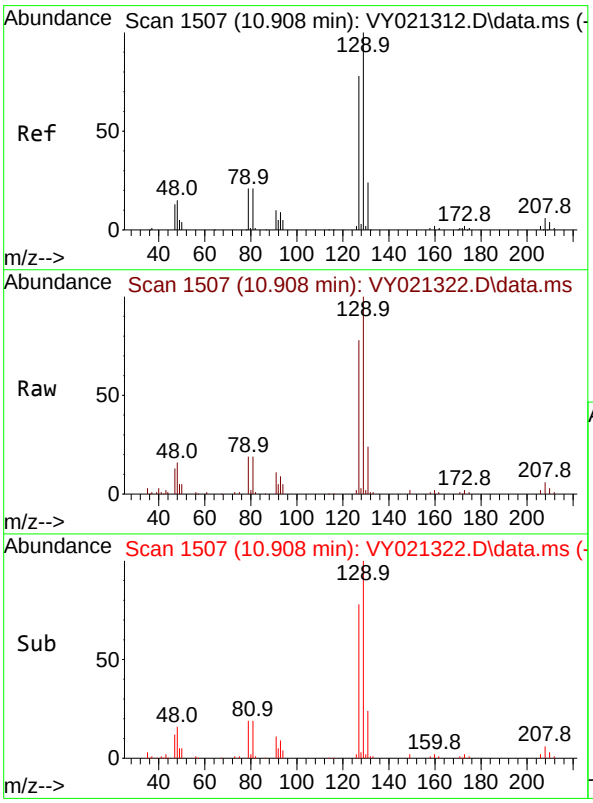
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

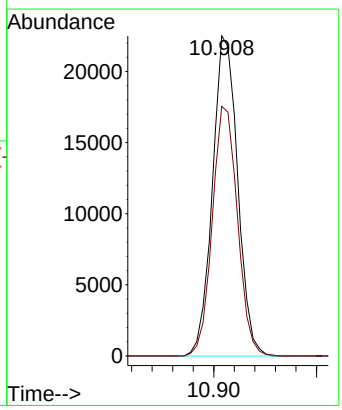


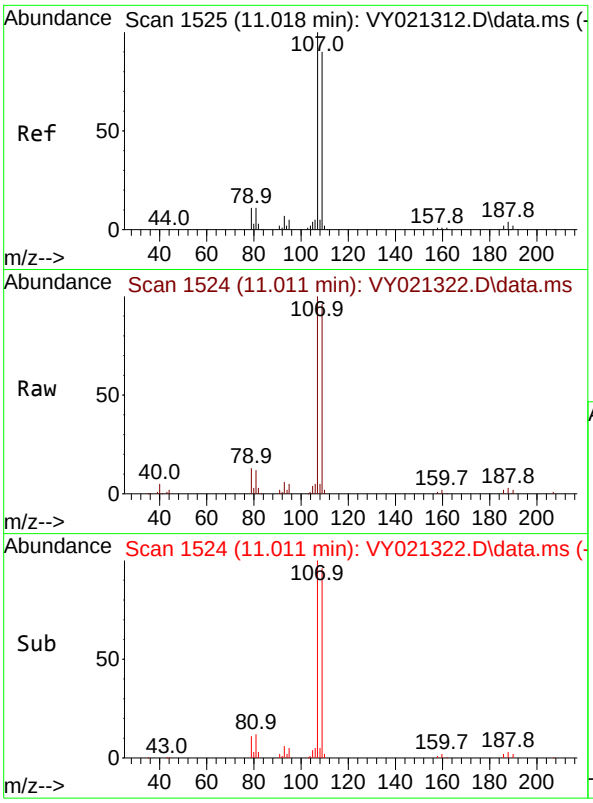


#60
Dibromochloromethane
Concen: 19.318 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:129 Resp: 38212

Ion	Ratio	Lower	Upper
129	100		
127	77.9	38.8	116.4

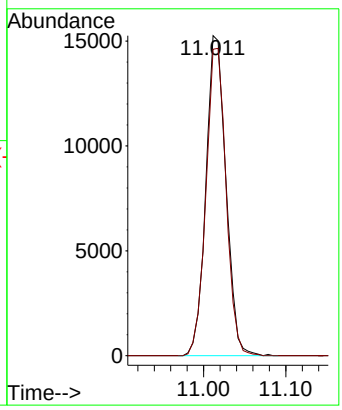




#61
1,2-Dibromoethane
Concen: 18.799 ug/l
RT: 11.011 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:107 Resp: 2584

Ion	Ratio	Lower	Upper
107	100		
109	96.2	73.8	110.8



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Manual Integrations
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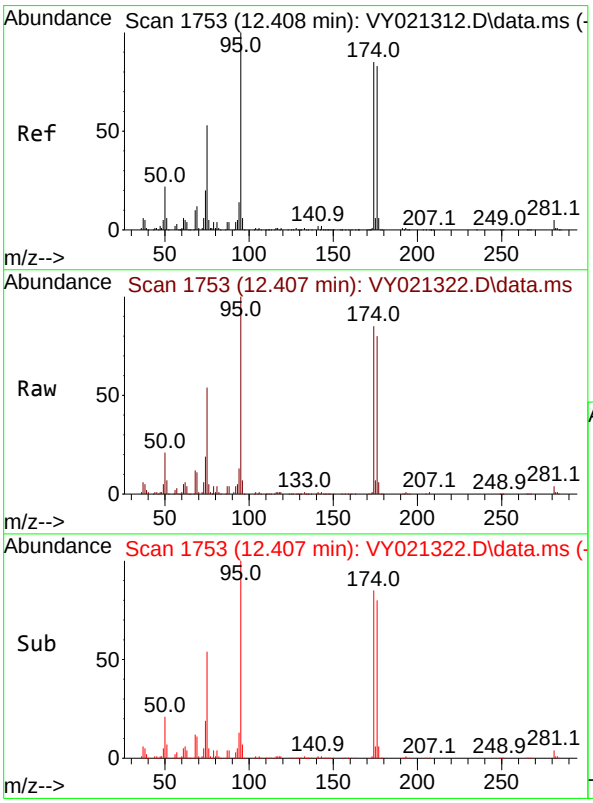
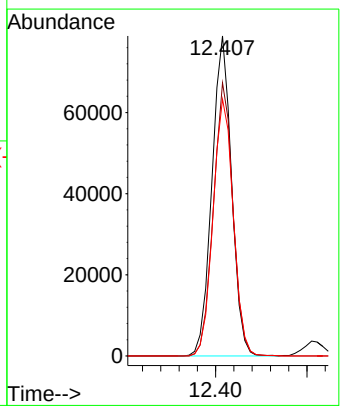
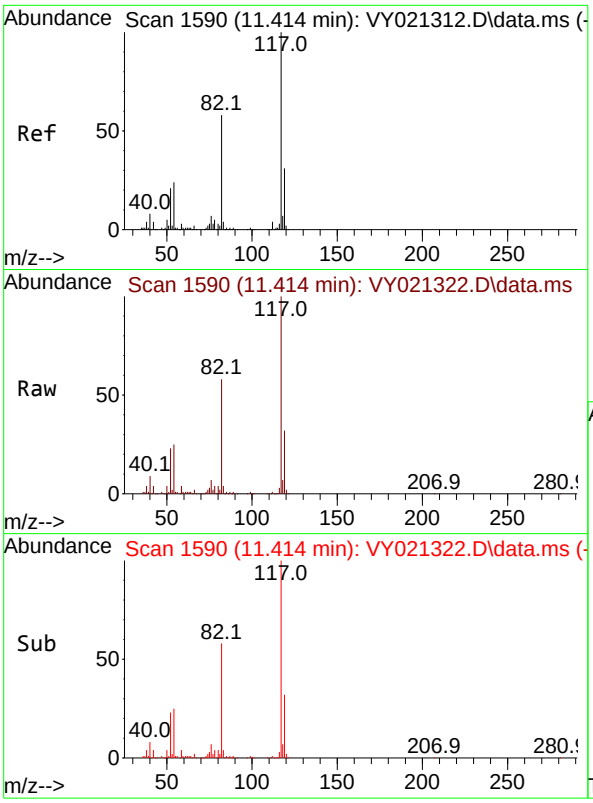


#62
4-Bromofluorobenzene
Concen: 47.291 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 95 Resp: 117404

Ion	Ratio	Lower	Upper
95	100		
174	85.1	0.0	168.0
176	82.9	0.0	162.6

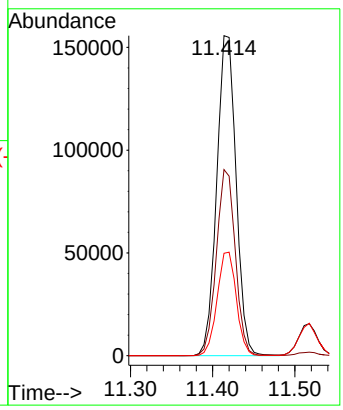




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:117 Resp: 25489

Ion	Ratio	Lower	Upper
117	100		
82	58.2	46.2	69.4
119	32.0	24.9	37.3



Instrument :
MSVOA_Y
ClientSampleId :
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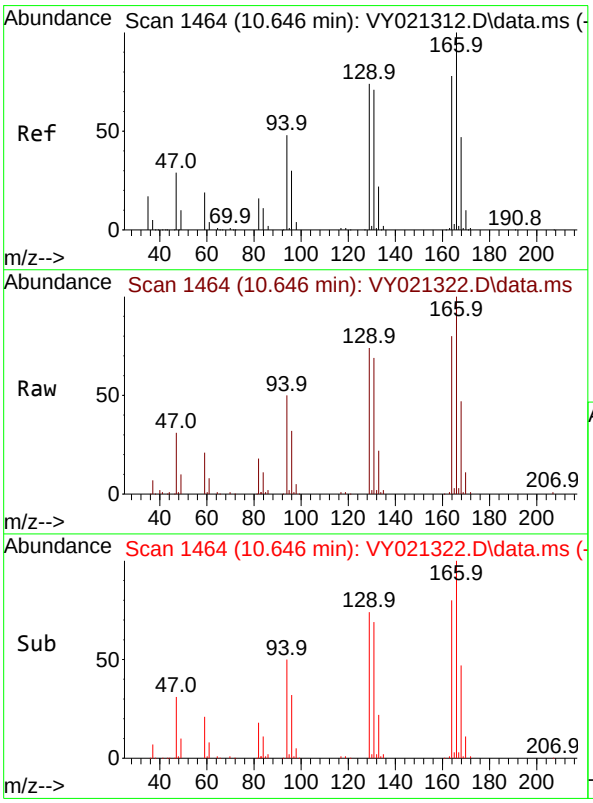
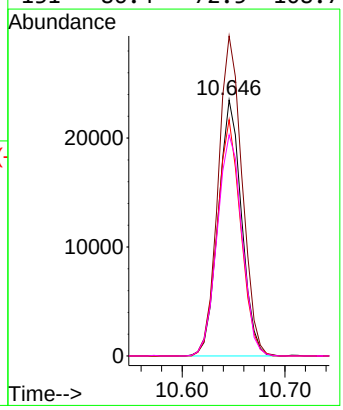
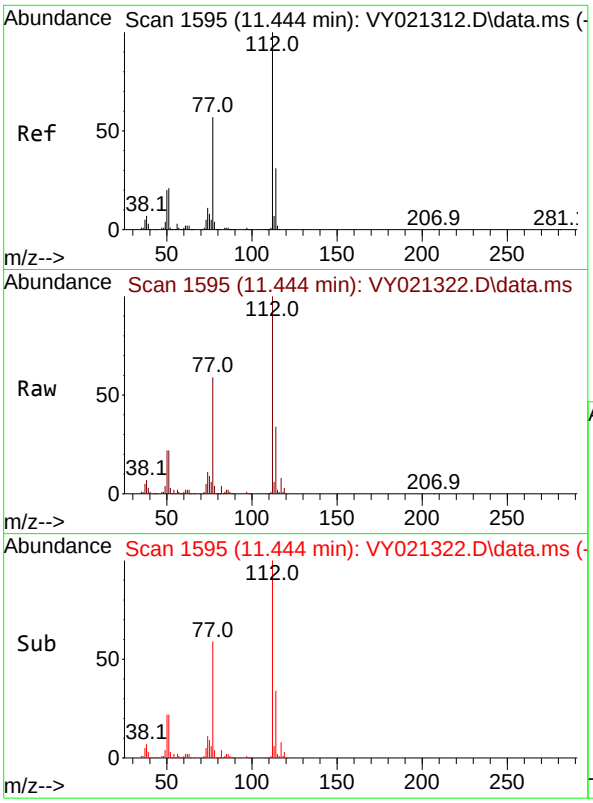


#64
Tetrachloroethene
Concen: 19.197 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:164 Resp: 36984

Ion	Ratio	Lower	Upper
164	100		
166	125.0	101.9	152.9
129	92.3	75.5	113.3
131	86.4	72.5	108.7

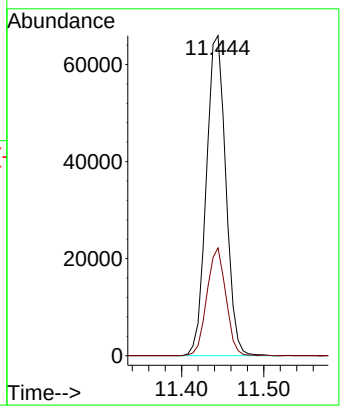




#65
Chlorobenzene
Concen: 18.977 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:112 Resp: 10857

Ion	Ratio	Lower	Upper
112	100		
114	33.7	25.0	37.6



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

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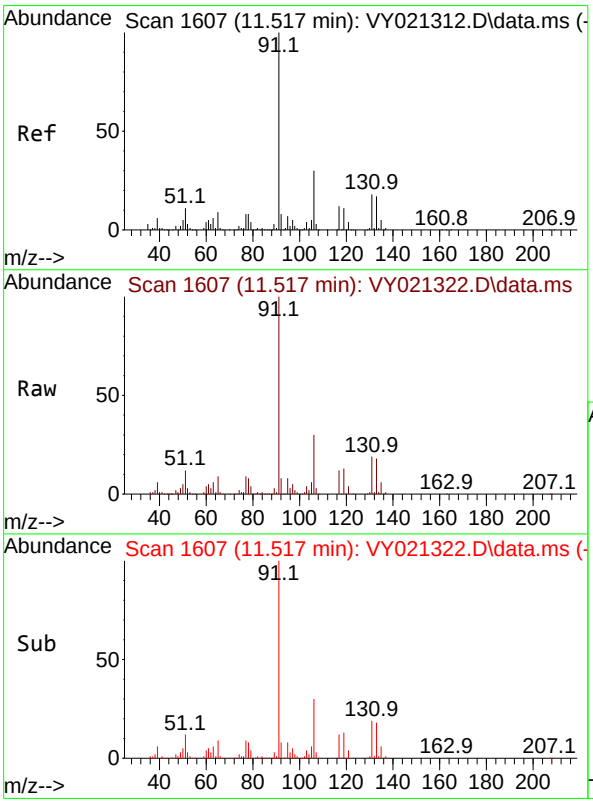
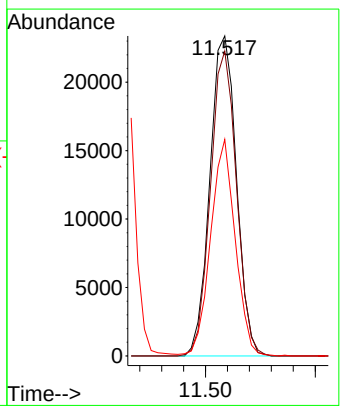
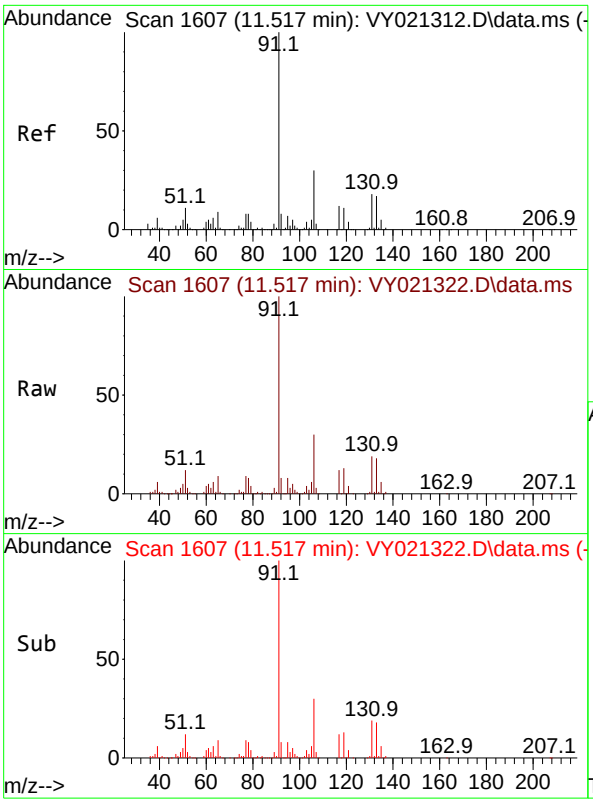


#66
1,1,1,2-Tetrachloroethane
Concen: 19.617 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:131 Resp: 39302

Ion	Ratio	Lower	Upper
131	100		
133	93.3	47.9	143.6
119	63.0	31.7	95.1

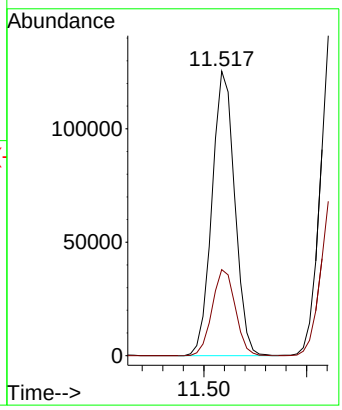




#67
Ethyl Benzene
Concen: 19.003 ug/l
RT: 11.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 91 Resp: 19259

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.4	36.6



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

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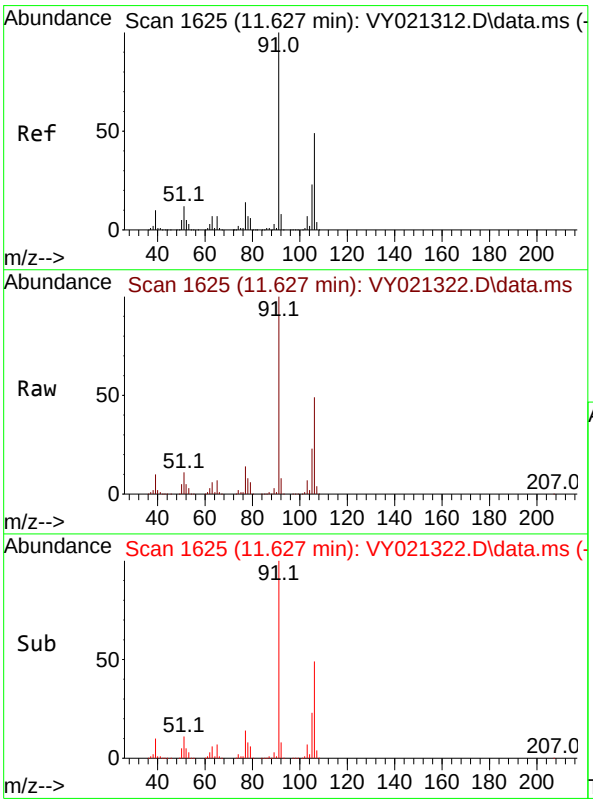
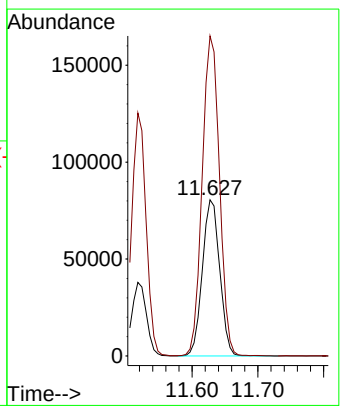
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

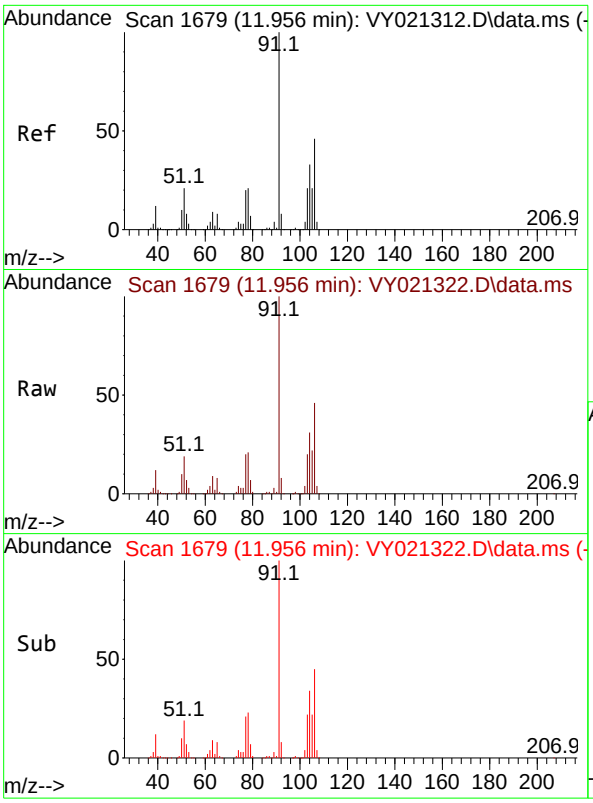


#68
m/p-Xylenes
Concen: 38.806 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:106 Resp: 147929

Ion	Ratio	Lower	Upper
106	100		
91	204.3	163.9	245.9

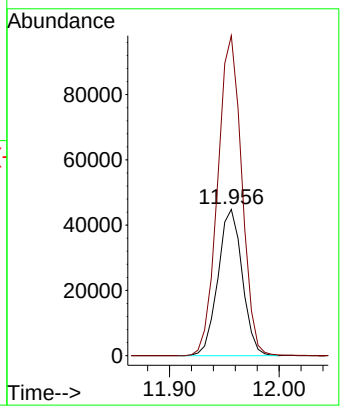




#69
o-Xylene
Concen: 19.342 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:106 Resp: 6907

Ion	Ratio	Lower	Upper
106	100		
91	217.1	108.1	324.2



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

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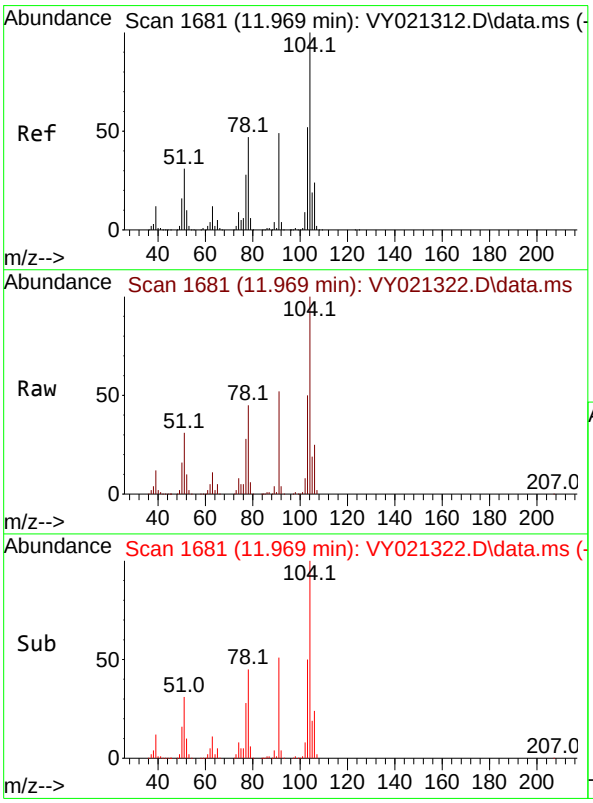
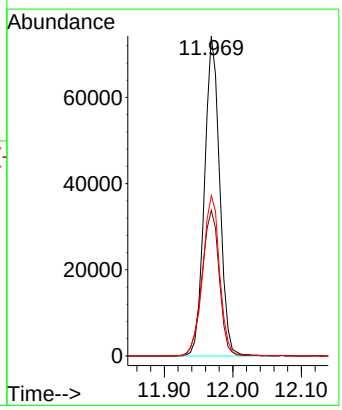
Supervised By :Mahesh Dadoda 02/27/2025

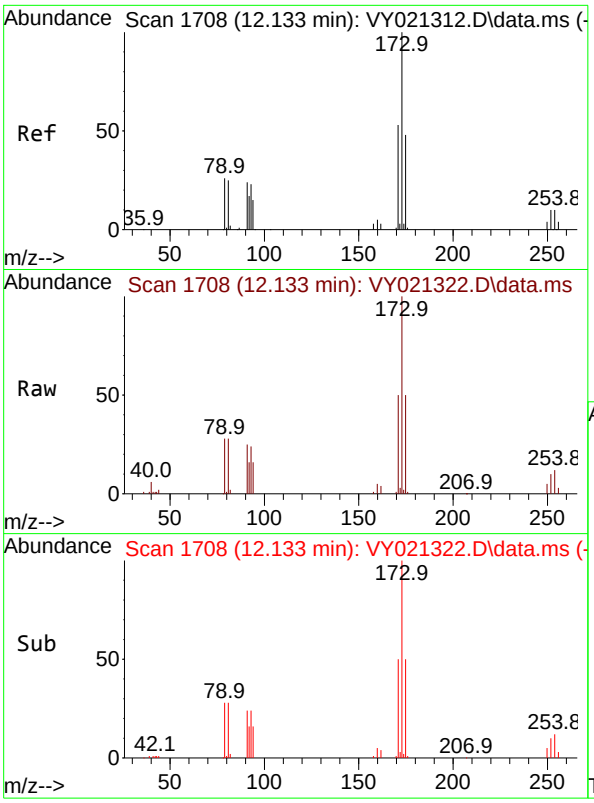


#70
Styrene
Concen: 19.262 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:104 Resp: 114447

Ion	Ratio	Lower	Upper
104	100		
78	51.6	41.3	61.9
103	55.8	43.9	65.9

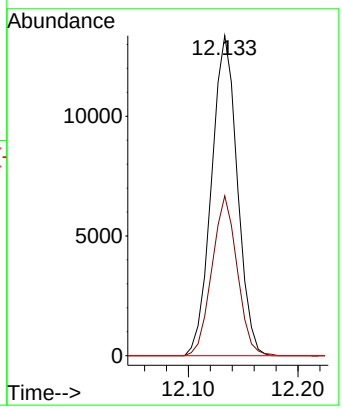




#71
Bromoform
Concen: 19.083 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:173 Resp: 2187

Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.1	72.3
254	0.0	0.1	0.1



Instrument :
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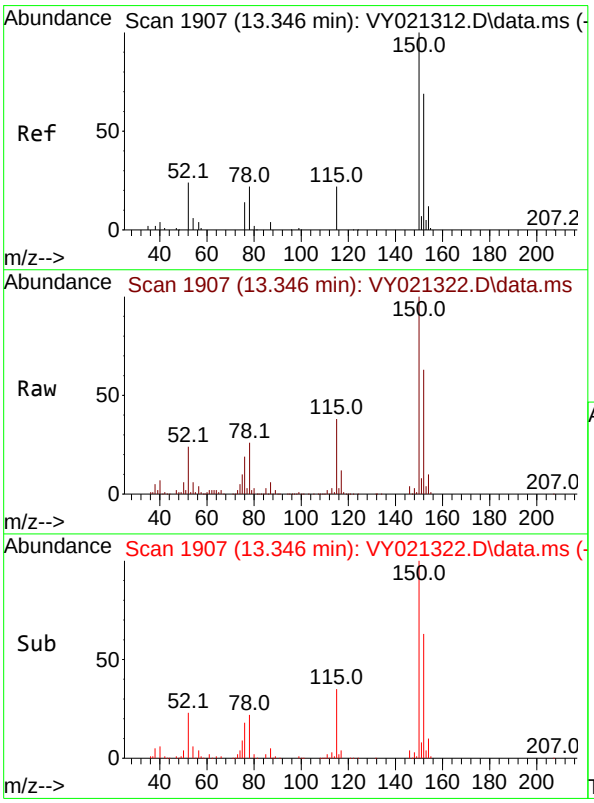
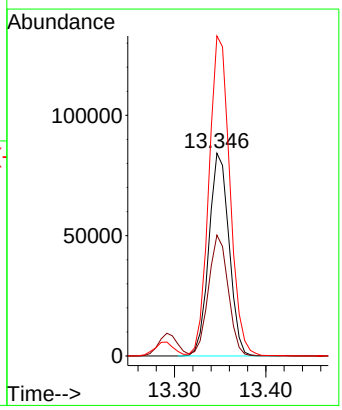
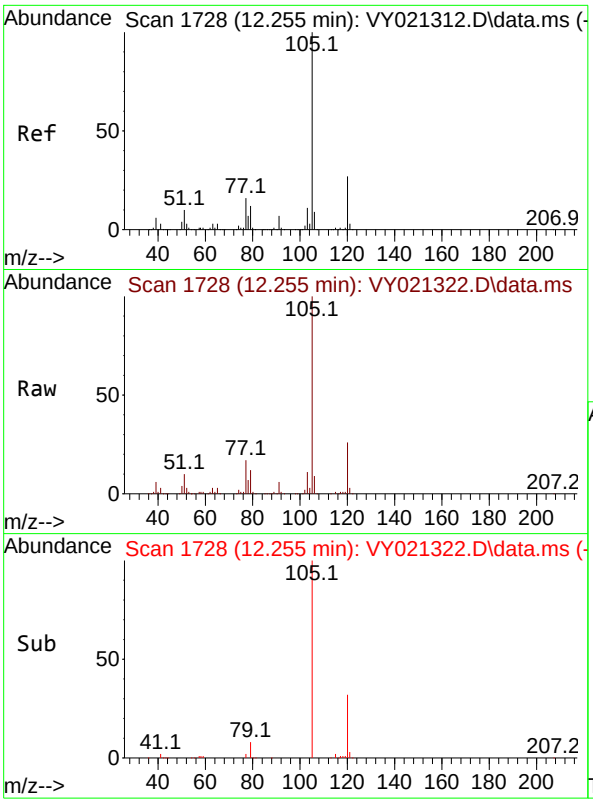


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:152 Resp: 128725

Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.3	88.0
150	164.6	0.0	347.4

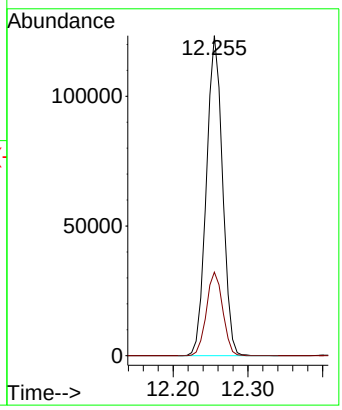




#73
Isopropylbenzene
Concen: 19.058 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:105 Resp: 18443

Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.3	39.8



Instrument :
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ClientSampleId :
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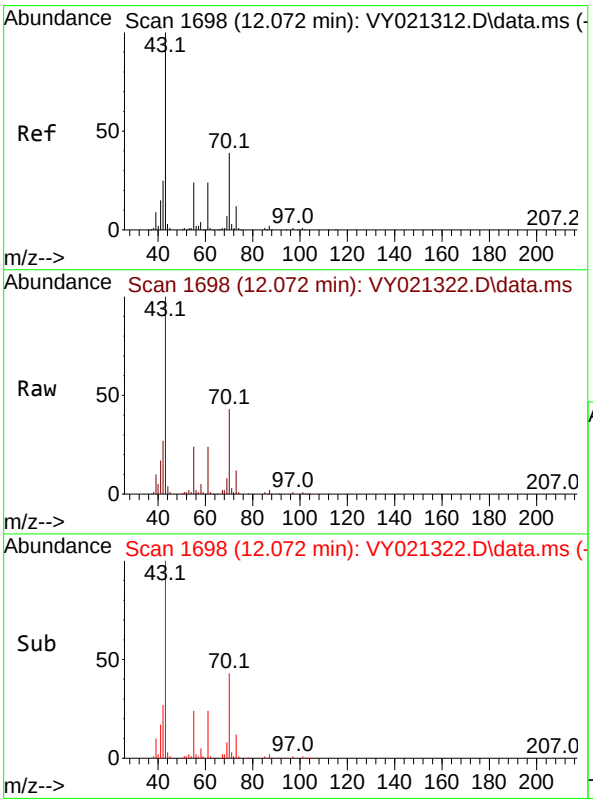
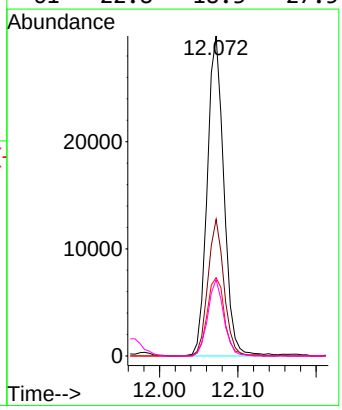
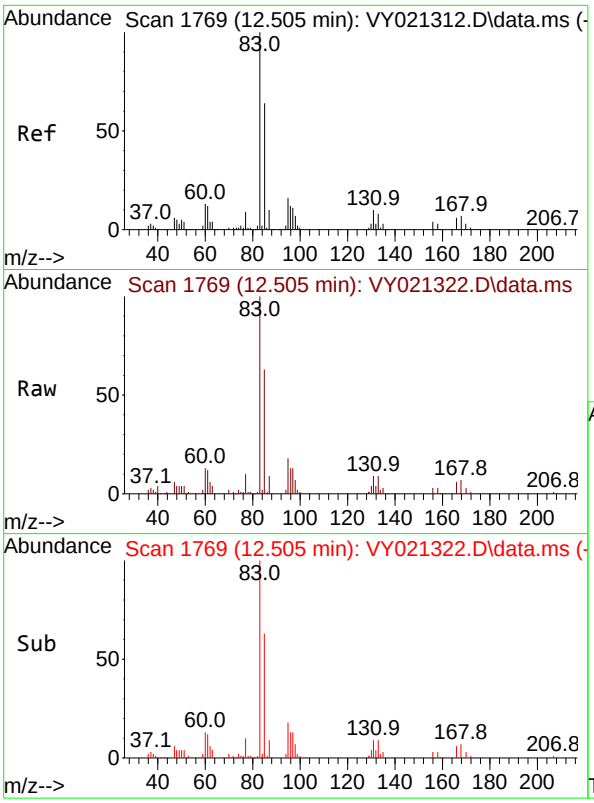


#74
N-amyl acetate
Concen: 17.930 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 43 Resp: 44104

Ion	Ratio	Lower	Upper
43	100		
70	41.1	32.2	48.2
55	25.5	19.6	29.4
61	22.8	18.3	27.5

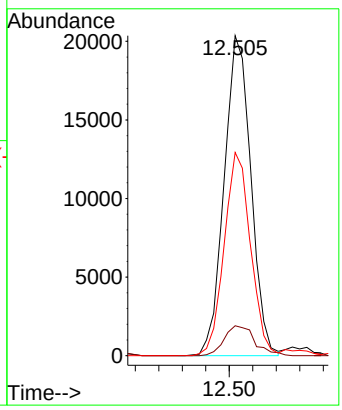




#75
1,1,2,2-Tetrachloroethane
Concen: 18.835 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 83 Resp: 3216

Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.2	15.6
85	62.6	32.0	96.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

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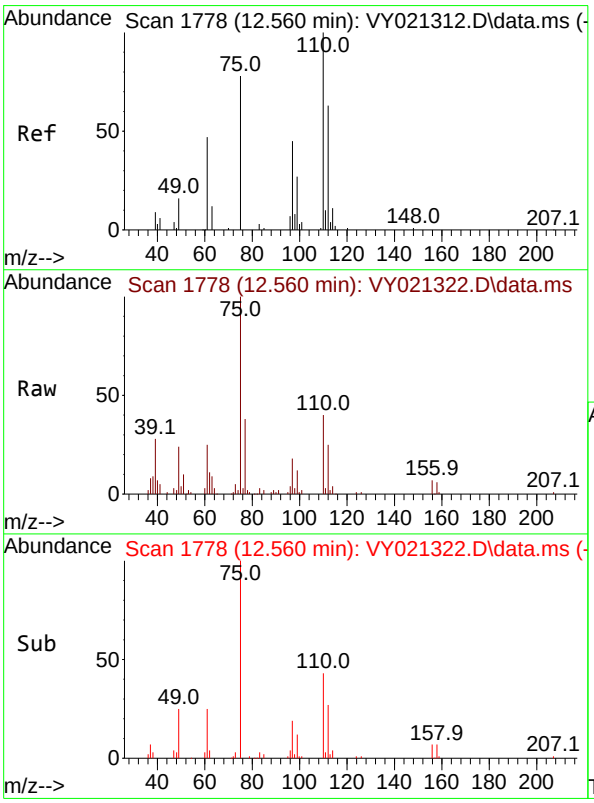
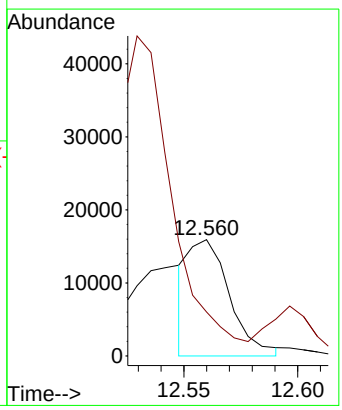
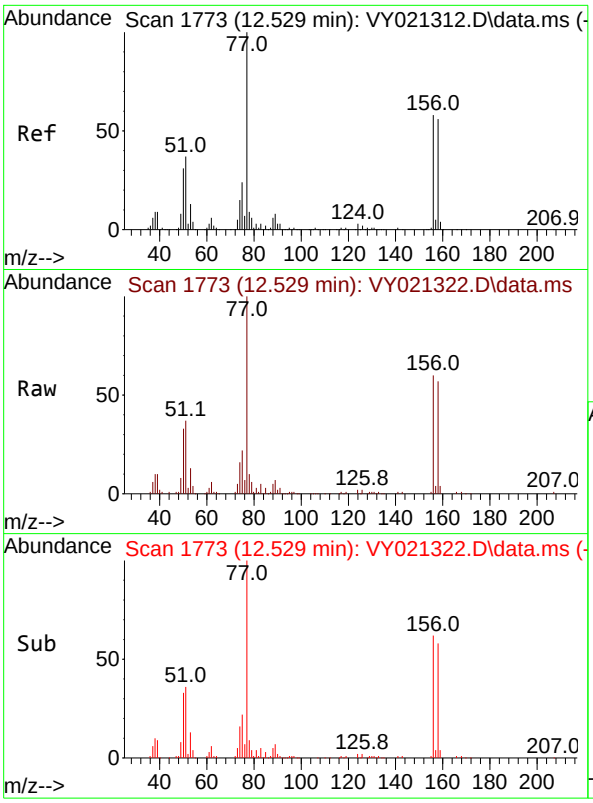


#76
1,2,3-Trichloropropane
Concen: 15.563 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 75 Resp: 20053

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

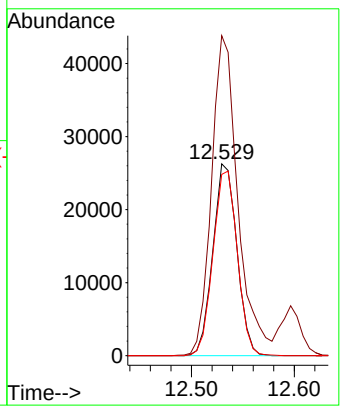




#77
Bromobenzene
Concen: 18.925 ug/l
RT: 12.529 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:156 Resp: 4259

Ion	Ratio	Lower	Upper
156	100		
77	183.3	94.0	282.1
158	97.3	48.7	146.1



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

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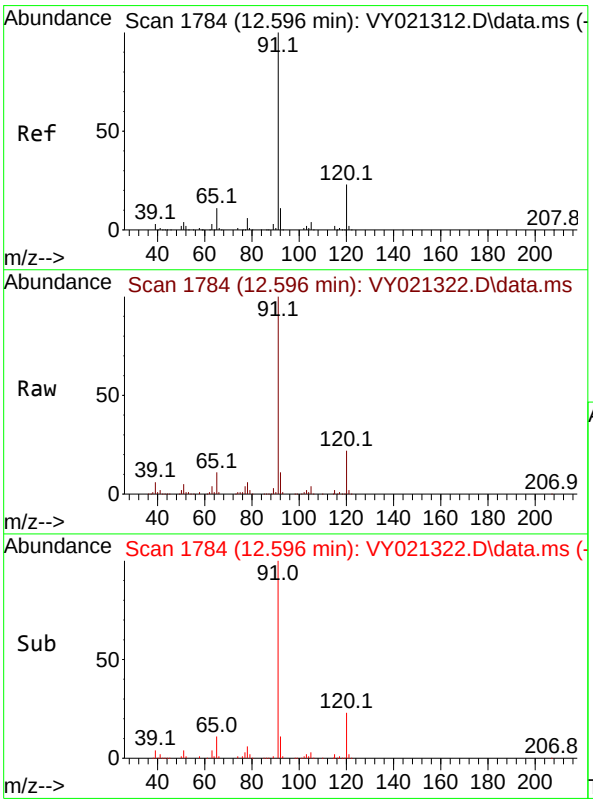
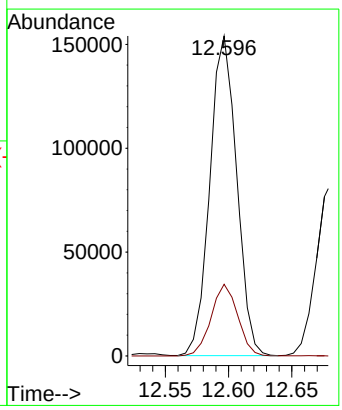
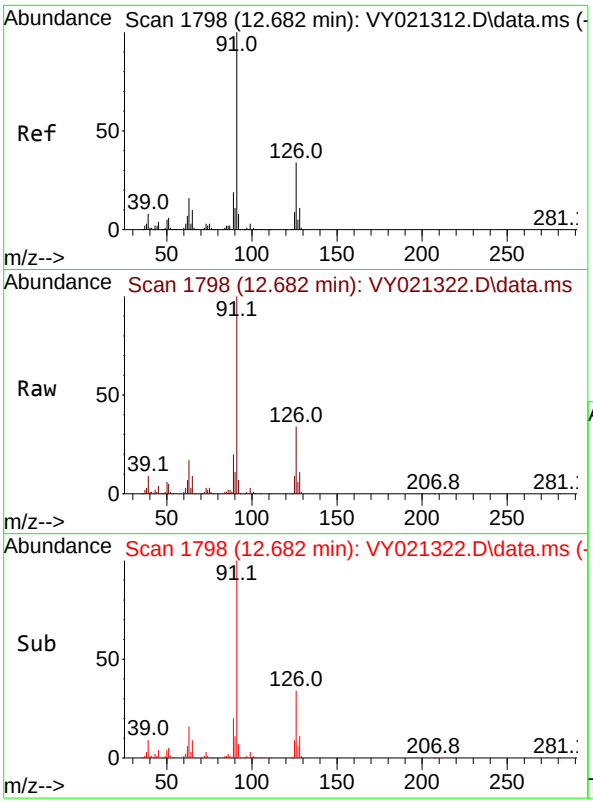


#78
n-propylbenzene
Concen: 19.317 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 91 Resp: 226845

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.2	33.5

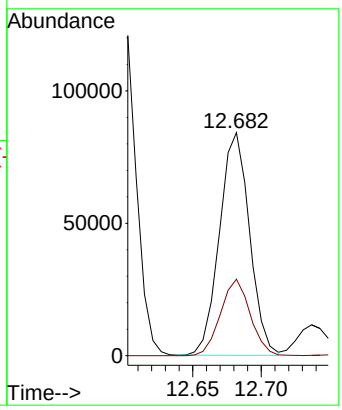




#79
2-Chlorotoluene
Concen: 19.070 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 91 Resp: 12852

Ion	Ratio	Lower	Upper
91	100		
126	33.9	16.9	50.6



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

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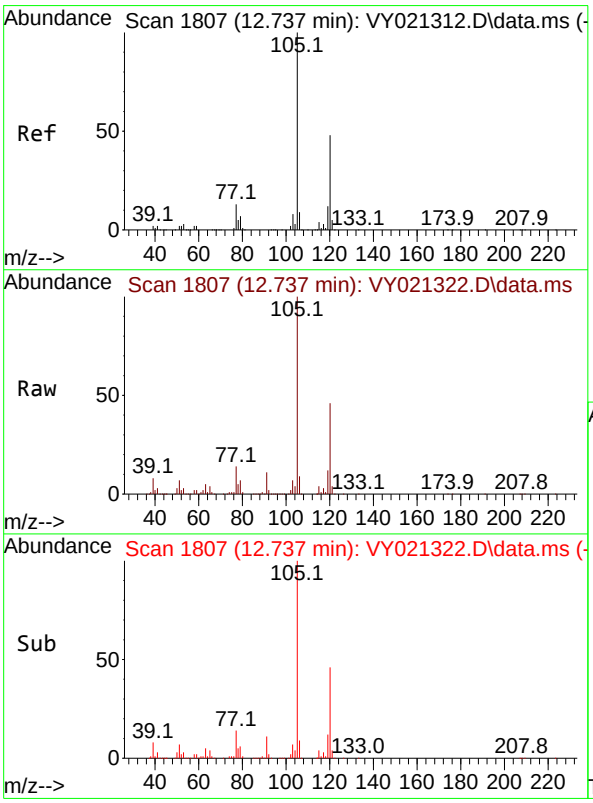
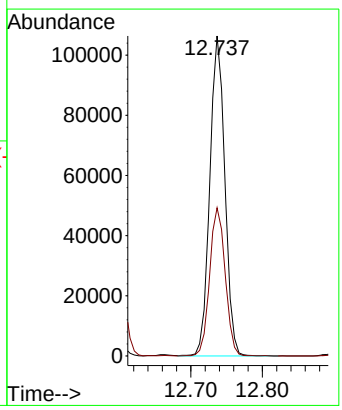
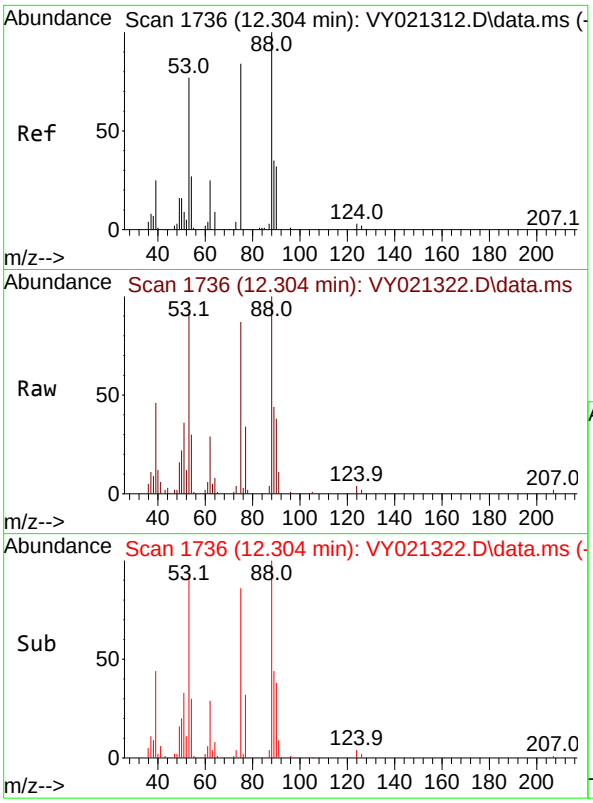


#80
1,3,5-Trimethylbenzene
Concen: 19.582 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:105 Resp: 155422

Ion	Ratio	Lower	Upper
105	100		
120	47.8	24.3	73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 17.364 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 75 Resp: 1006

Ion	Ratio	Lower	Upper
75	100		
53	104.9	79.1	118.7
89	46.4	35.6	53.4

Instrument :
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ClientSampleId :
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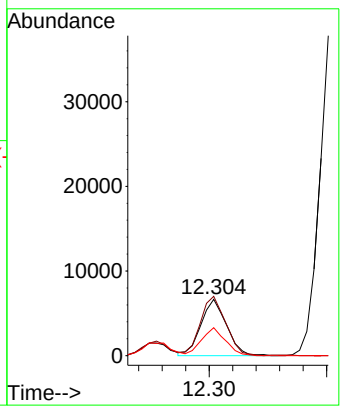
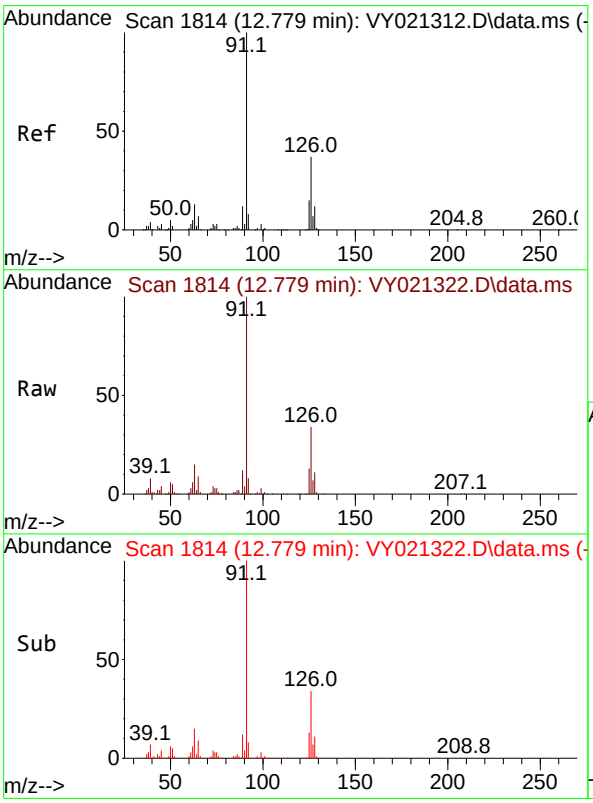
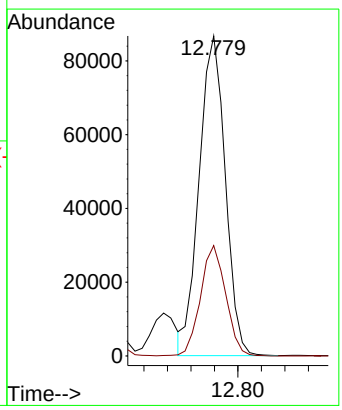


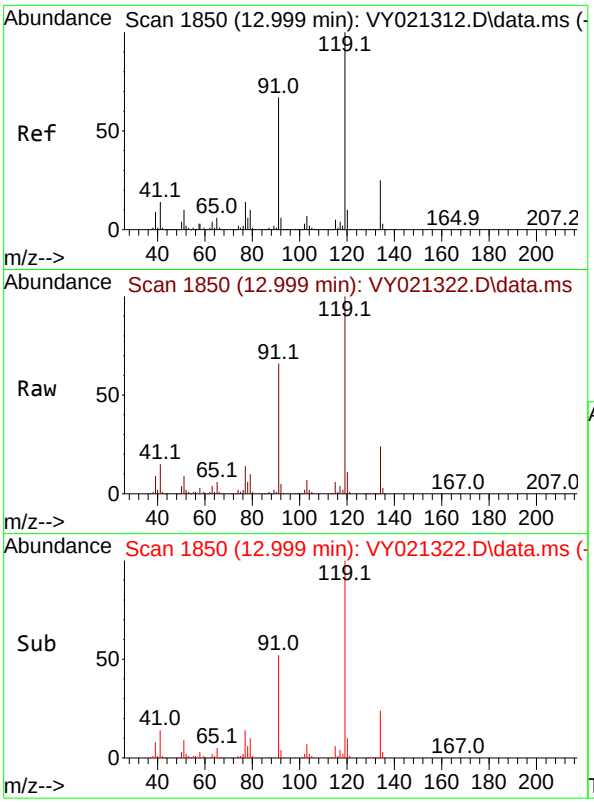


#82
4-Chlorotoluene
Concen: 19.171 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 91 Resp: 133936

Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.8	50.4

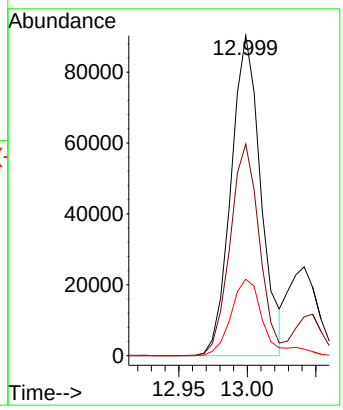




#83
tert-Butylbenzene
Concen: 19.079 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:119 Resp: 13678

Ion	Ratio	Lower	Upper
119	100		
91	64.8	32.7	98.1
134	26.3	13.3	39.9



Instrument :
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ClientSampleId :
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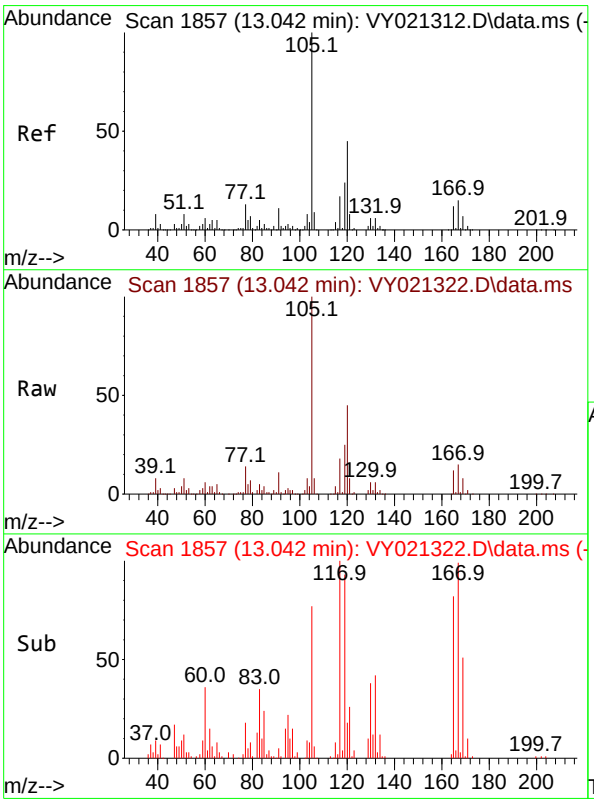
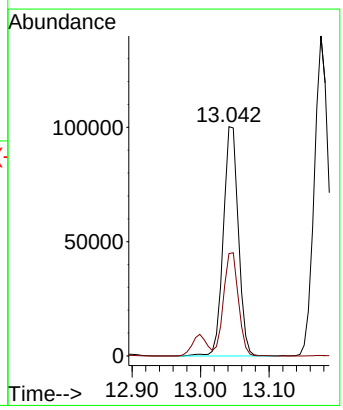
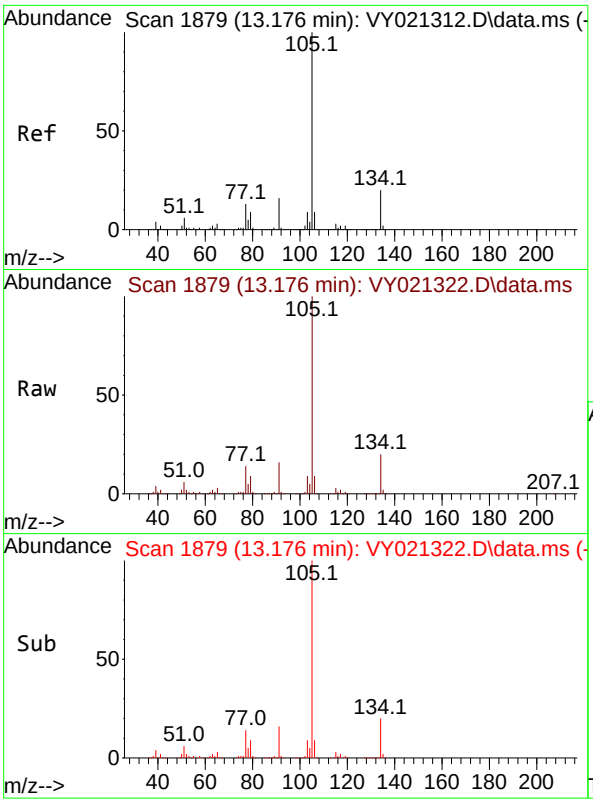


#84
1,2,4-Trimethylbenzene
Concen: 19.310 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:105 Resp: 152431

Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.4	67.3

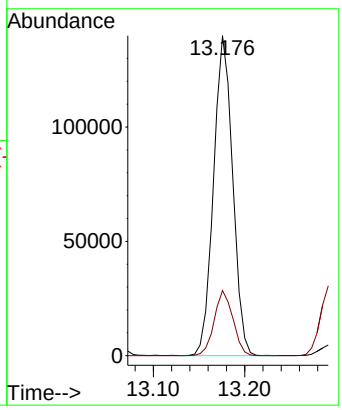




#85
sec-Butylbenzene
Concen: 19.486 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:105 Resp: 20406

Ion	Ratio	Lower	Upper
105	100		
134	19.9	10.0	30.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

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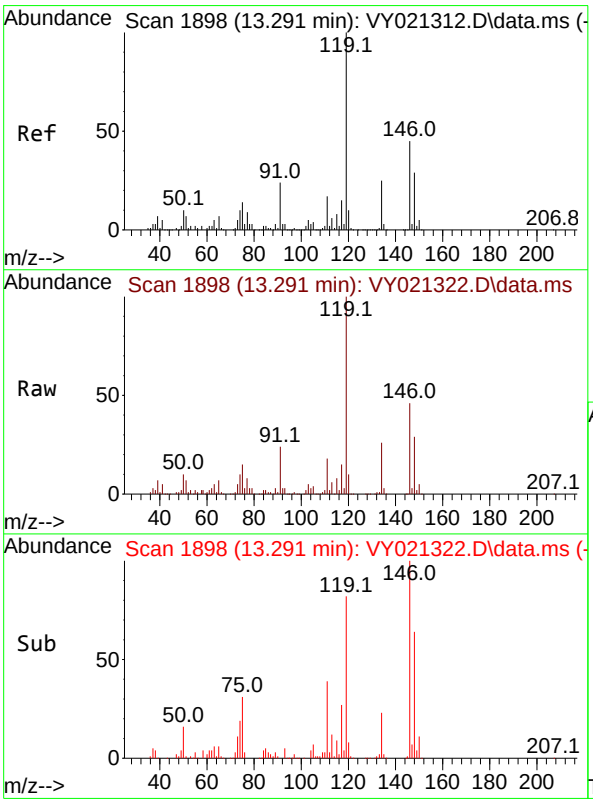
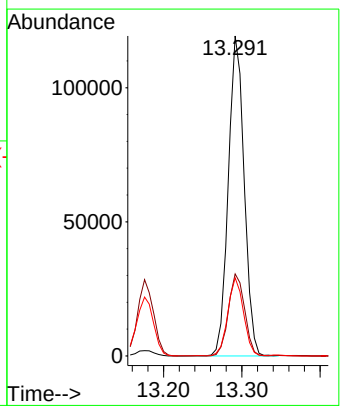
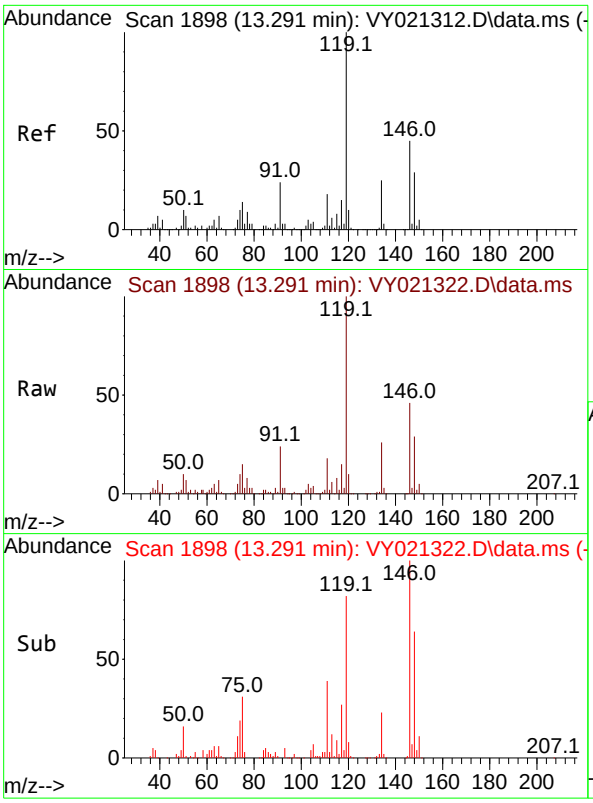


#86
p-Isopropyltoluene
Concen: 19.195 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:119 Resp: 167856

Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.0	38.9
91	24.2	12.0	36.1

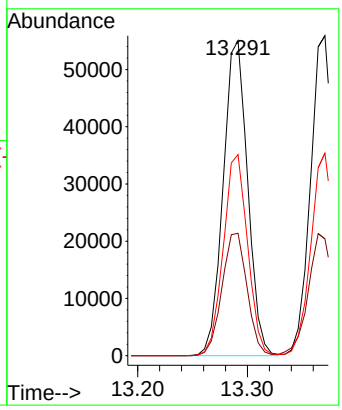




#87
1,3-Dichlorobenzene
Concen: 19.148 ug/l
RT: 13.291 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:146 Resp: 8525

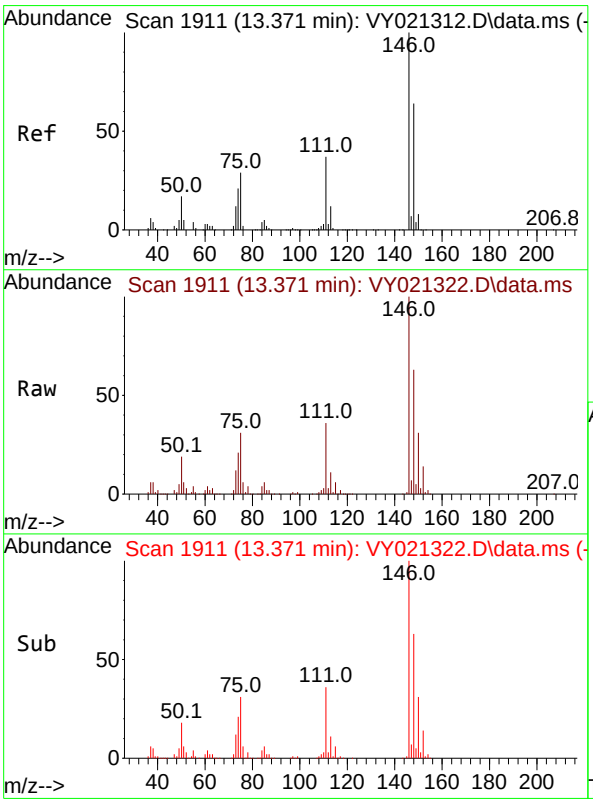
Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	59.9
148	63.4	31.9	95.9



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Manual Integrations
APPROVED

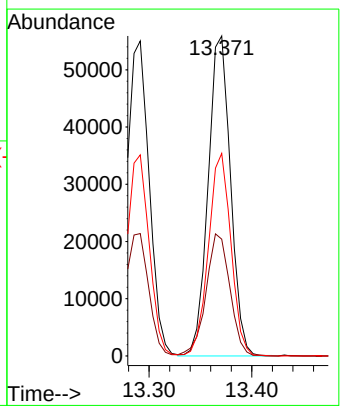
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

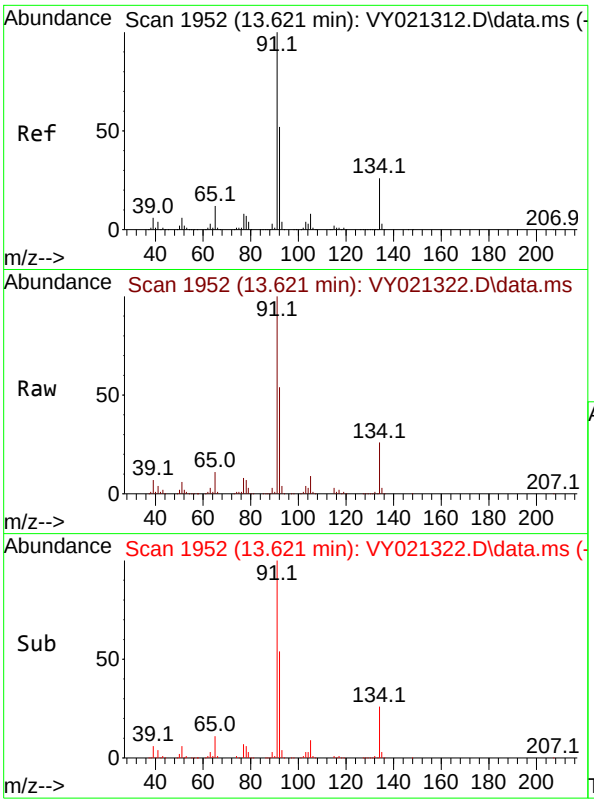


#88
1,4-Dichlorobenzene
Concen: 19.226 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:146 Resp: 84570

Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.5	58.5
148	63.6	32.0	96.2

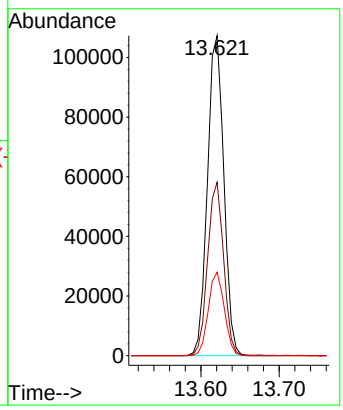




#89
n-Butylbenzene
Concen: 18.911 ug/l
RT: 13.621 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 91 Resp: 15562

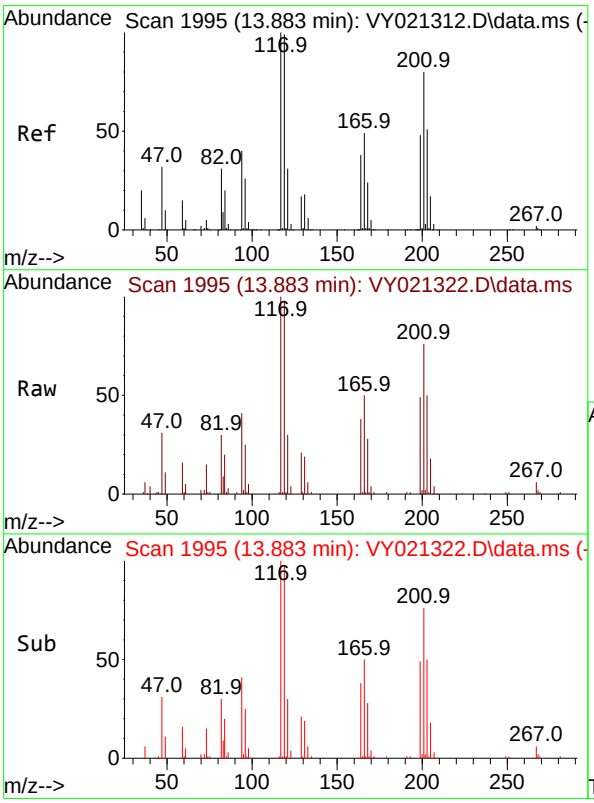
Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.4	79.2
134	25.5	12.7	38.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Manual Integrations
APPROVED

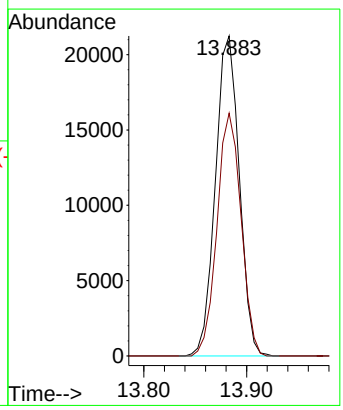
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

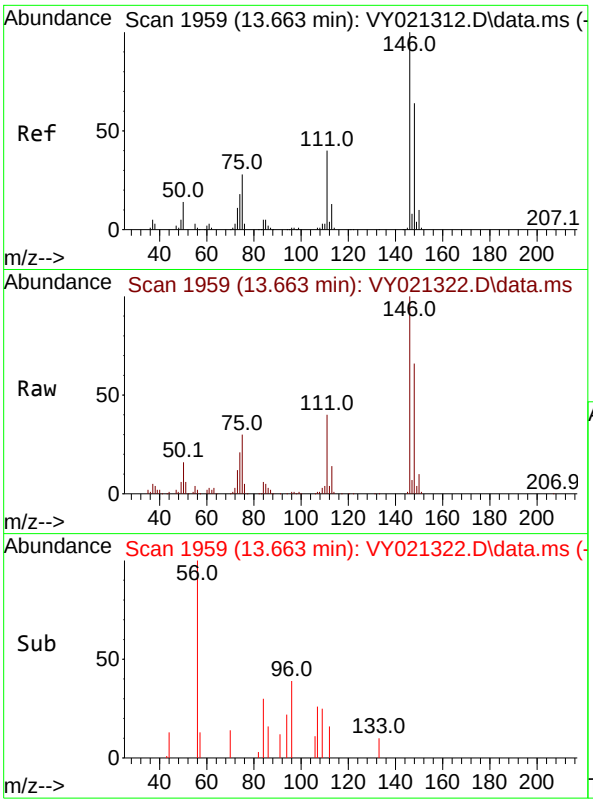


#90
Hexachloroethane
Concen: 18.736 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:117 Resp: 34224

Ion	Ratio	Lower	Upper
117	100		
201	76.4	38.4	115.2

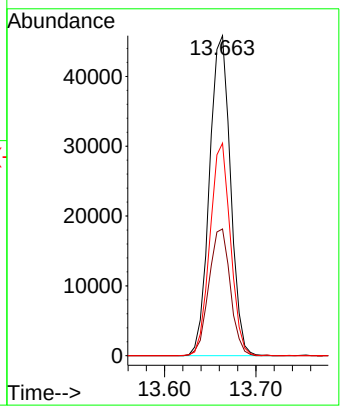




#91
1,2-Dichlorobenzene
Concen: 18.778 ug/l
RT: 13.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:146 Resp: 7325

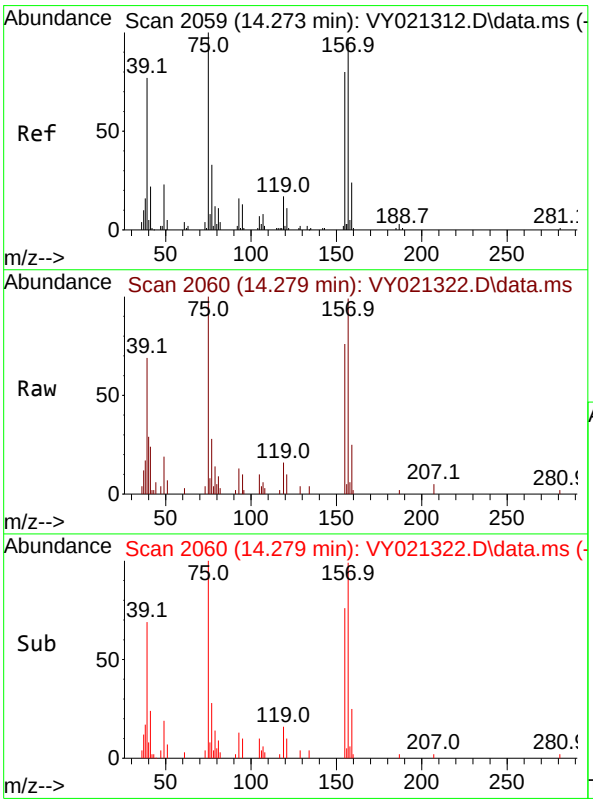
Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.7	62.1
148	64.9	31.7	95.1



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Manual Integrations
APPROVED

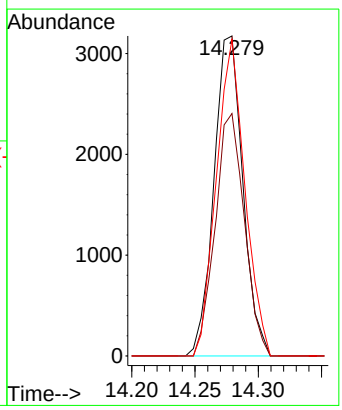
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

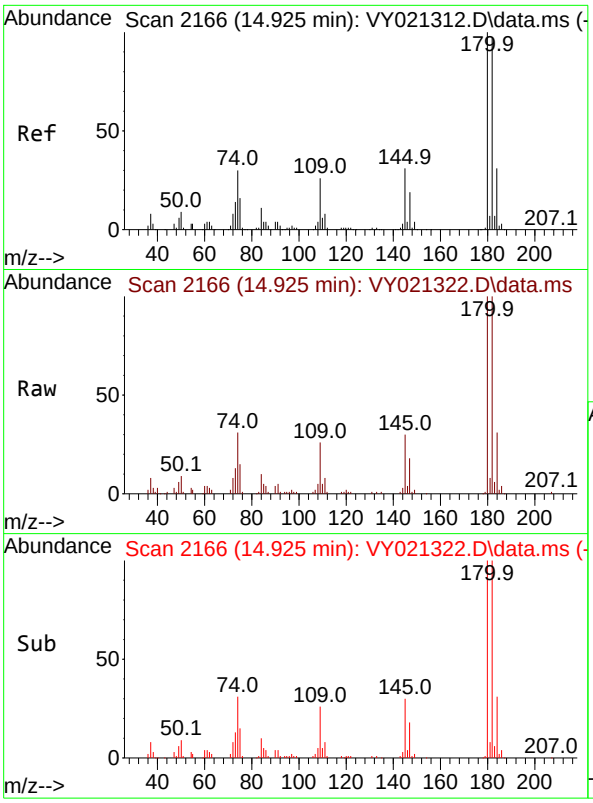


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.599 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 75 Resp: 5025

Ion	Ratio	Lower	Upper
75	100		
155	76.7	41.9	125.6
157	97.9	52.5	157.6

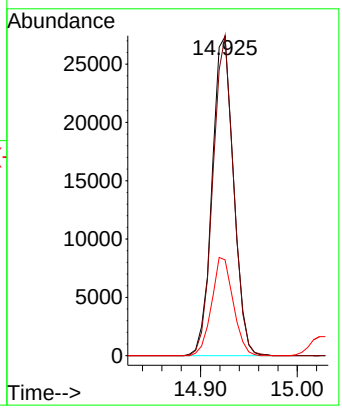




#93
1,2,4-Trichlorobenzene
Concen: 17.702 ug/l
RT: 14.925 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:180 Resp: 4214

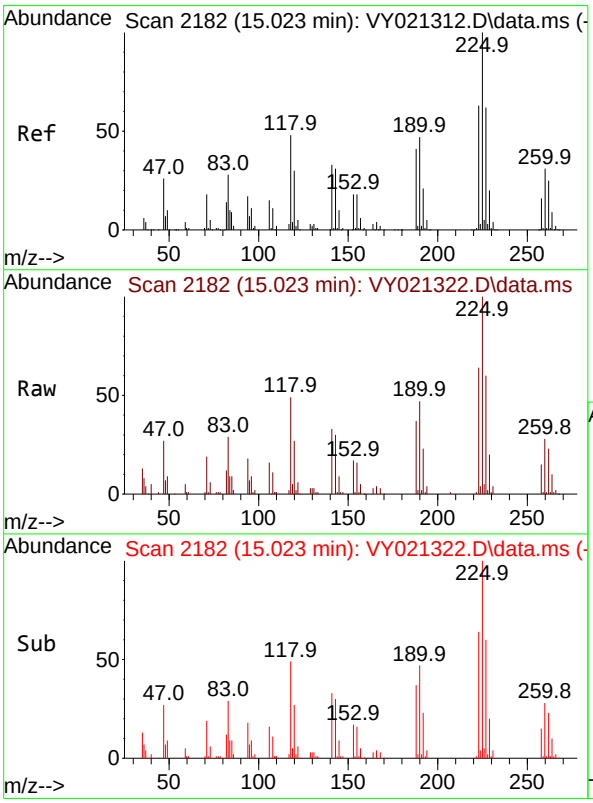
Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.9	143.7
145	30.9	15.6	46.8



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Manual Integrations
APPROVED

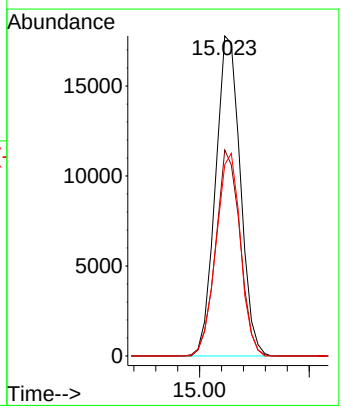
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

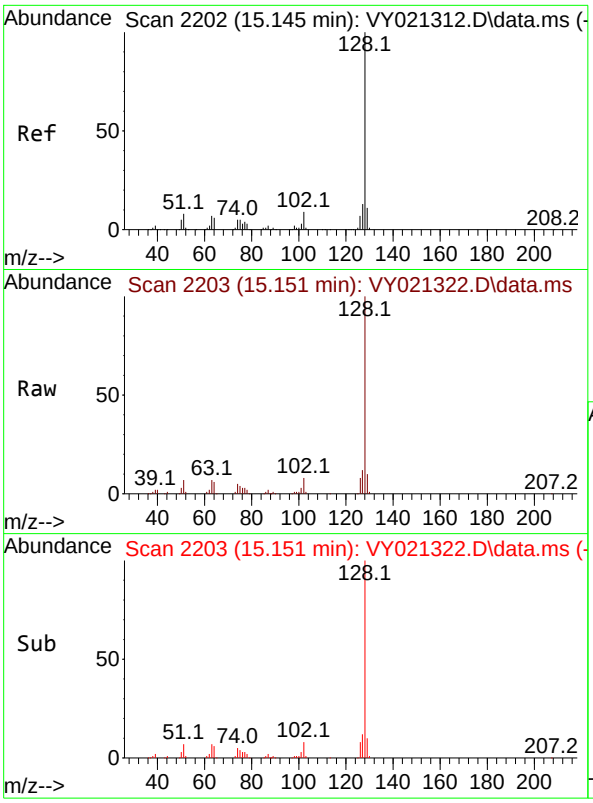


#94
Hexachlorobutadiene
Concen: 18.650 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:225 Resp: 27956

Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.8	95.4
227	62.6	31.9	95.7

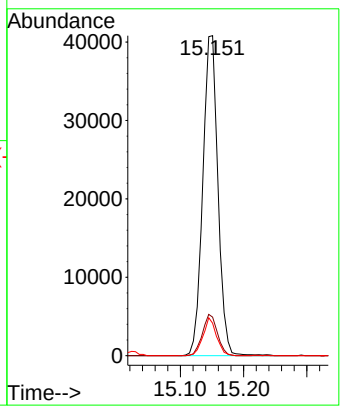




#95
Naphthalene
Concen: 17.269 ug/l
RT: 15.151 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:128 Resp: 6810

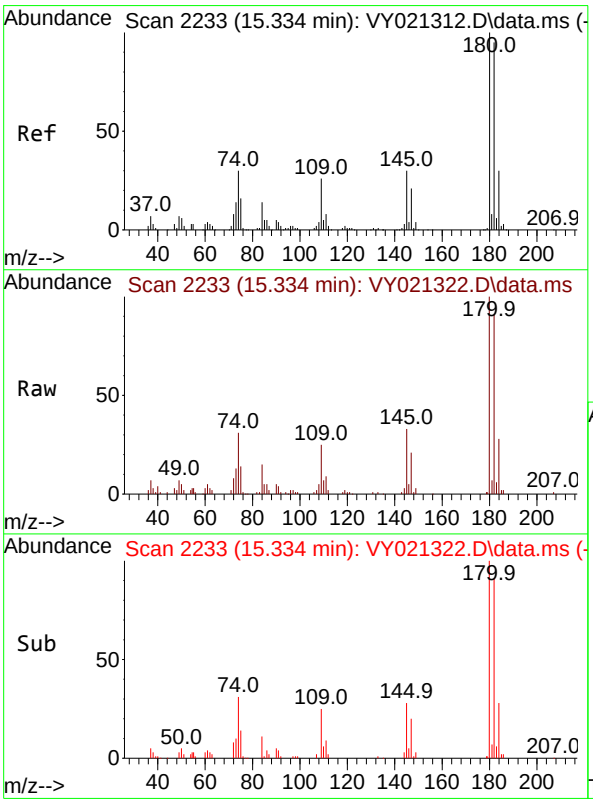
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.5	8.5	12.7



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Manual Integrations
APPROVED

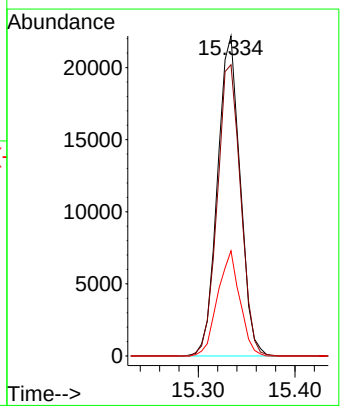
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.931 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:180 Resp: 36072

Ion	Ratio	Lower	Upper
180	100		
182	93.9	48.3	144.9
145	32.1	16.1	48.3



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

Report of Analysis

Client:	Nobis Group	Date Collected:	
Project:	Raymark Superfund Site	Date Received:	
Client Sample ID:	VY0226SBSD01	SDG No.:	Q1383
Lab Sample ID:	VY0226SBSD01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021323.D	1		02/26/25 11:44	VY022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.019		0.0017	0.0040	0.0050	mg/Kg
74-87-3	Chloromethane	0.020		0.0012	0.0025	0.0050	mg/Kg
75-01-4	Vinyl Chloride	0.019		0.00077	0.0025	0.0050	mg/Kg
74-83-9	Bromomethane	0.019		0.0010	0.0040	0.0050	mg/Kg
75-00-3	Chloroethane	0.020		0.0010	0.0025	0.0050	mg/Kg
109-99-9	Tetrahydrofuran	0.099		0.0052	0.013	0.025	mg/Kg
75-69-4	Trichlorofluoromethane	0.019		0.00091	0.0040	0.0050	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.020		0.0011	0.0025	0.0050	mg/Kg
75-35-4	1,1-Dichloroethene	0.019		0.00078	0.0025	0.0050	mg/Kg
107-13-1	Acrylonitrile	0.096		0.0050	0.013	0.025	mg/Kg
67-64-1	Acetone	0.091		0.0062	0.020	0.025	mg/Kg
75-15-0	Carbon Disulfide	0.019		0.0013	0.0040	0.0050	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.020		0.00067	0.0025	0.0050	mg/Kg
75-09-2	Methylene Chloride	0.019		0.0034	0.0080	0.010	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.019		0.00084	0.0025	0.0050	mg/Kg
75-34-3	1,1-Dichloroethane	0.020		0.00063	0.0025	0.0050	mg/Kg
78-93-3	2-Butanone	0.094		0.0057	0.020	0.025	mg/Kg
56-23-5	Carbon Tetrachloride	0.020		0.00087	0.0025	0.0050	mg/Kg
594-20-7	2,2-Dichloropropane	0.019		0.0016	0.0040	0.0050	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.020		0.00061	0.0025	0.0050	mg/Kg
67-66-3	Chloroform	0.020		0.00067	0.0040	0.0050	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.019		0.00078	0.0025	0.0050	mg/Kg
563-58-6	1,1-Dichloropropene	0.020		0.00073	0.0025	0.0050	mg/Kg
71-43-2	Benzene	0.020		0.00072	0.0025	0.0050	mg/Kg
107-06-2	1,2-Dichloroethane	0.020		0.00061	0.0025	0.0050	mg/Kg
79-01-6	Trichloroethene	0.020		0.00075	0.0025	0.0050	mg/Kg
78-87-5	1,2-Dichloropropane	0.020		0.00066	0.0025	0.0050	mg/Kg
74-95-3	Dibromomethane	0.019		0.00062	0.0025	0.0050	mg/Kg
75-27-4	Bromodichloromethane	0.020		0.00056	0.0025	0.0050	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.098		0.0044	0.013	0.025	mg/Kg

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

Report of Analysis

Client:	Nobis Group	Date Collected:	
Project:	Raymark Superfund Site	Date Received:	
Client Sample ID:	VY0226SBSD01	SDG No.:	Q1383
Lab Sample ID:	VY0226SBSD01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021323.D	1		02/26/25 11:44	VY022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.020		0.00067	0.0025	0.0050	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.020		0.00060	0.0025	0.0050	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.019		0.00057	0.0025	0.0050	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.019		0.00084	0.0025	0.0050	mg/Kg
142-28-9	1,3-Dichloropropane	0.020		0.00059	0.0025	0.0050	mg/Kg
591-78-6	2-Hexanone	0.097		0.0048	0.013	0.025	mg/Kg
124-48-1	Dibromochloromethane	0.020		0.00065	0.0025	0.0050	mg/Kg
106-93-4	1,2-Dibromoethane	0.019		0.00079	0.0025	0.0050	mg/Kg
127-18-4	Tetrachloroethene	0.020		0.00089	0.0025	0.0050	mg/Kg
108-90-7	Chlorobenzene	0.020		0.00074	0.0025	0.0050	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.019		0.00064	0.0025	0.0050	mg/Kg
100-41-4	Ethyl Benzene	0.019		0.00062	0.0025	0.0050	mg/Kg
179601-23-1	m/p-Xylenes	0.039		0.0014	0.0050	0.010	mg/Kg
1330-20-7	Total Xylenes	0.058		0.0021	0.0075	0.015	mg/Kg
95-47-6	o-Xylene	0.019		0.00070	0.0025	0.0050	mg/Kg
100-42-5	Styrene	0.020		0.00060	0.0025	0.0050	mg/Kg
75-25-2	Bromoform	0.019		0.00081	0.0025	0.0050	mg/Kg
98-82-8	Isopropylbenzene	0.020		0.00067	0.0025	0.0050	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.019		0.0011	0.0025	0.0050	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.015		0.0012	0.0040	0.0050	mg/Kg
108-86-1	Bromobenzene	0.019		0.00065	0.0025	0.0050	mg/Kg
103-65-1	n-propylbenzene	0.020		0.00064	0.0025	0.0050	mg/Kg
95-49-8	2-Chlorotoluene	0.020		0.00062	0.0025	0.0050	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.020		0.00064	0.0025	0.0050	mg/Kg
106-43-4	4-Chlorotoluene	0.019		0.00059	0.0025	0.0050	mg/Kg
98-06-6	tert-Butylbenzene	0.019		0.00067	0.0025	0.0050	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.020		0.0014	0.0025	0.0050	mg/Kg
135-98-8	sec-Butylbenzene	0.020		0.00067	0.0025	0.0050	mg/Kg
99-87-6	p-Isopropyltoluene	0.020		0.00058	0.0025	0.0050	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.020		0.00074	0.0025	0.0050	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.020		0.00080	0.0025	0.0050	mg/Kg

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

Report of Analysis

Client:	Nobis Group	Date Collected:	
Project:	Raymark Superfund Site	Date Received:	
Client Sample ID:	VY0226SBSD01	SDG No.:	Q1383
Lab Sample ID:	VY0226SBSD01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021323.D	1		02/26/25 11:44	VY022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.020		0.00063	0.0025	0.0050	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.020		0.00059	0.0025	0.0050	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.018		0.0016	0.0040	0.0050	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.019		0.00079	0.0025	0.0050	mg/Kg
87-68-3	Hexachlorobutadiene	0.019		0.00081	0.0025	0.0050	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.019		0.00078	0.0025	0.0050	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.018		0.00080	0.0025	0.0050	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	48.5		71 - 136		97%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		78 - 119		98%	SPK: 50
2037-26-5	Toluene-d8	49.9		85 - 116		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.3		79 - 119		101%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	186000	7.707				
540-36-3	1,4-Difluorobenzene	292000	8.615				
3114-55-4	Chlorobenzene-d5	259000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	130000	13.346				

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_Y\Data\VY022625\
Data File : VY021323.D
Acq On : 26 Feb 2025 11:44
Operator : SY/MD
Sample : VY0226SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 27 00:36:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	186200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	292071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	258744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	129829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	102341	48.451	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 96.900%			
35) Dibromofluoromethane	7.634	113	94057	49.120	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.240%			
50) Toluene-d8	10.103	98	369458	49.924	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.840%			
62) 4-Bromofluorobenzene	12.408	95	125203	50.271	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	33929	19.219	ug/l	98
3) Chloromethane	2.068	50	44643	19.581	ug/l	94
4) Vinyl Chloride	2.202	62	43431	19.408	ug/l	95
5) Bromomethane	2.586	94	28875	19.417	ug/l	91
6) Chloroethane	2.732	64	27157	19.569	ug/l	98
7) Trichlorofluoromethane	3.056	101	64725	19.152	ug/l	98
8) Diethyl Ether	3.452	74	19301	19.028	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.818	101	39047	19.956	ug/l	99
10) Methyl Iodide	4.000	142	38731	18.815	ug/l	99
11) Tert butyl alcohol	4.848	59	15317	94.274	ug/l	97
12) 1,1-Dichloroethene	3.787	96	35945	19.186	ug/l	98
13) Acrolein	3.647	56	22337	179.408	ug/l	96
14) Allyl chloride	4.385	41	64619	19.454	ug/l	99
15) Acrylonitrile	5.049	53	42848	95.540	ug/l	99
16) Acetone	3.866	43	36994	91.302	ug/l	96
17) Carbon Disulfide	4.104	76	119697	19.240	ug/l	99
18) Methyl Acetate	4.378	43	19000	19.188	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	96512	19.498	ug/l	98
20) Methylene Chloride	4.616	84	41428	18.908	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	39986	19.387	ug/l	97
22) Diisopropyl ether	6.018	45	136570	19.868	ug/l	97
23) Vinyl Acetate	5.957	43	400683	97.548	ug/l	98
24) 1,1-Dichloroethane	5.915	63	75455	19.476	ug/l	100
25) 2-Butanone	6.896	43	57737	94.416	ug/l	100
26) 2,2-Dichloropropane	6.884	77	67846	19.300	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	46880	19.905	ug/l	98
28) Bromochloromethane	7.238	49	34082	19.882	ug/l	99
29) Tetrahydrofuran	7.262	42	39639	99.167	ug/l	97
30) Chloroform	7.421	83	76696	19.537	ug/l	98
31) Cyclohexane	7.701	56	71145	19.104	ug/l #	94
32) 1,1,1-Trichloroethane	7.610	97	68700	19.226	ug/l	99
36) 1,1-Dichloropropene	7.835	75	57651	20.043	ug/l	99
37) Ethyl Acetate	6.982	43	28136	19.665	ug/l	100
38) Carbon Tetrachloride	7.817	117	63336	19.587	ug/l	99
39) Methylcyclohexane	9.109	83	71099	19.543	ug/l	99
40) Benzene	8.079	78	169384	19.922	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021323.D
Acq On : 26 Feb 2025 11:44
Operator : SY/MD
Sample : VY0226SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 27 00:36:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.219	41	16363	20.455	ug/l	#	73
42) 1,2-Dichloroethane	8.158	62	47566	19.718	ug/l		100
43) Isopropyl Acetate	8.195	43	54330	19.618	ug/l		99
44) Trichloroethene	8.865	130	41805	19.638	ug/l		97
45) 1,2-Dichloropropane	9.140	63	40089	19.592	ug/l		99
46) Dibromomethane	9.231	93	21727	19.425	ug/l		100
47) Bromodichloromethane	9.420	83	58116	19.487	ug/l		100
48) Methyl methacrylate	9.219	41	23787	18.368	ug/l		94
49) 1,4-Dioxane	9.225	88	4464	358.943	ug/l		99
51) 4-Methyl-2-Pentanone	9.999	43	138572	97.751	ug/l		99
52) Toluene	10.170	92	104255	19.738	ug/l		98
53) t-1,3-Dichloropropene	10.390	75	53978	19.755	ug/l		100
54) cis-1,3-Dichloropropene	9.853	75	62124	19.260	ug/l		95
55) 1,1,2-Trichloroethane	10.572	97	28227	19.373	ug/l		96
56) Ethyl methacrylate	10.438	69	39319	19.530	ug/l		99
57) 1,3-Dichloropropane	10.713	76	51397	20.102	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.713	63	90024	93.158	ug/l		100
59) 2-Hexanone	10.761	43	89865	96.524	ug/l		99
60) Dibromochloromethane	10.914	129	39272	19.790	ug/l		98
61) 1,2-Dibromoethane	11.018	107	26713	19.365	ug/l		96
64) Tetrachloroethene	10.646	164	38493	19.682	ug/l		99
65) Chlorobenzene	11.444	112	113821	19.597	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.517	131	39353	19.350	ug/l		98
67) Ethyl Benzene	11.517	91	197780	19.225	ug/l		100
68) m/p-Xylenes	11.627	106	149341	38.593	ug/l		98
69) o-Xylene	11.956	106	70486	19.444	ug/l		99
70) Styrene	11.969	104	119367	19.791	ug/l		99
71) Bromoform	12.133	173	22170	19.055	ug/l	#	100
73) Isopropylbenzene	12.255	105	192163	19.688	ug/l		99
74) N-amyl acetate	12.072	43	47929	19.319	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	33436	19.410	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	19345m	14.886	ug/l		
77) Bromobenzene	12.529	156	44137	19.442	ug/l		99
78) n-propylbenzene	12.596	91	231519	19.547	ug/l		100
79) 2-Chlorotoluene	12.682	91	132259	19.457	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	157749	19.706	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	10784	18.445	ug/l		95
82) 4-Chlorotoluene	12.779	91	136654	19.394	ug/l		100
83) tert-Butylbenzene	12.999	119	139478	19.288	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	156482	19.655	ug/l		100
85) sec-Butylbenzene	13.176	105	207160	19.613	ug/l		99
86) p-Isopropyltoluene	13.291	119	172280	19.534	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	88325	19.668	ug/l		99
88) 1,4-Dichlorobenzene	13.371	146	87772	19.784	ug/l		99
89) n-Butylbenzene	13.621	91	162070	19.527	ug/l		100
90) Hexachloroethane	13.883	117	35761	19.411	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	76555	19.457	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4895	17.963	ug/l		95
93) 1,2,4-Trichlorobenzene	14.925	180	45740	19.047	ug/l		100
94) Hexachlorobutadiene	15.023	225	28899	19.115	ug/l		98
95) Naphthalene	15.145	128	73713	18.532	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	38421	18.936	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021323.D
Acq On : 26 Feb 2025 11:44
Operator : SY/MD
Sample : VY0226SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 27 00:36:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021323.D
Acq On : 26 Feb 2025 11:44
Operator : SY/MD
Sample : VY0226SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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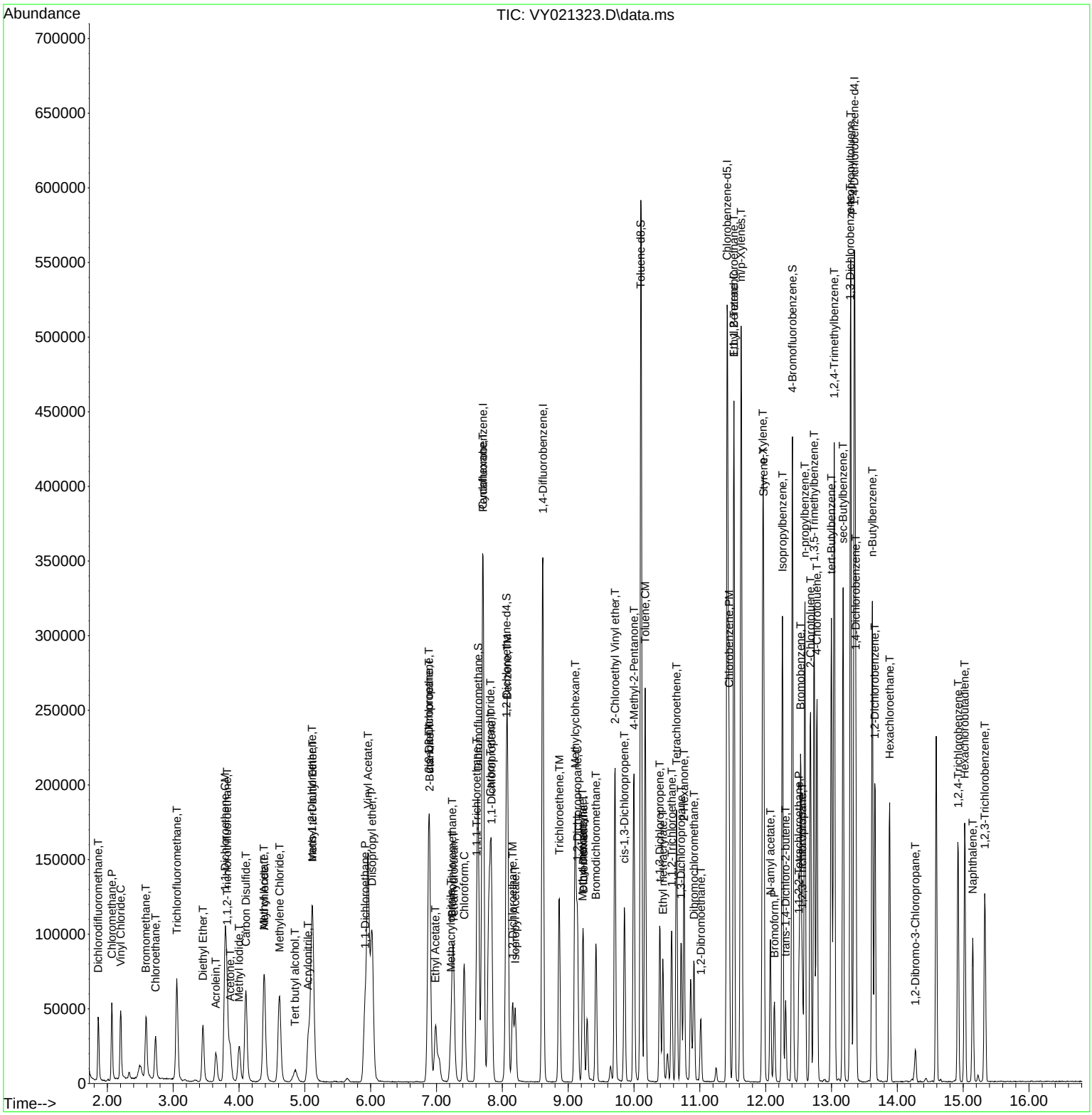
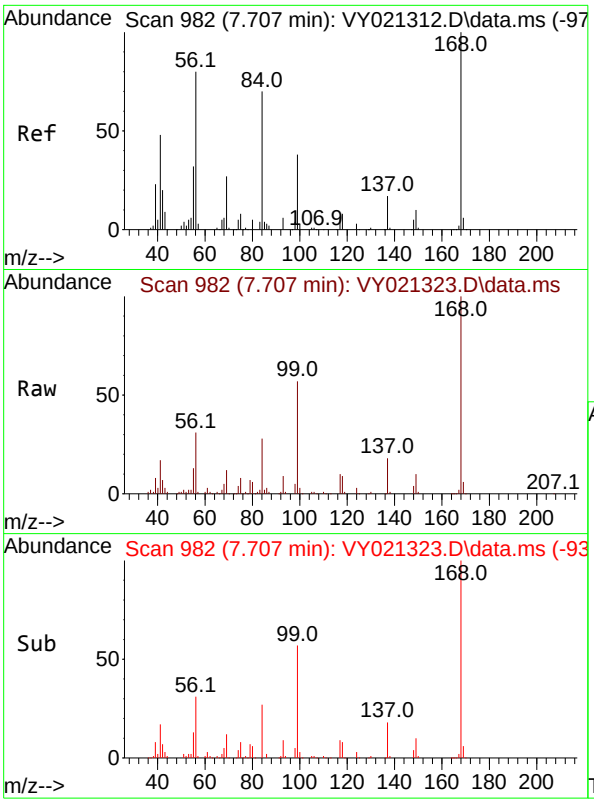
Quant Time: Feb 27 00:36:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

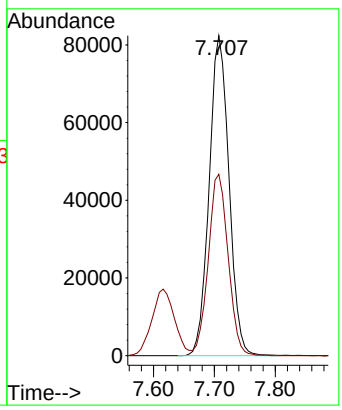




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:168 Resp: 18620

Ion	Ratio	Lower	Upper
168	100		
99	56.7	47.1	70.7



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Manual Integrations
APPROVED

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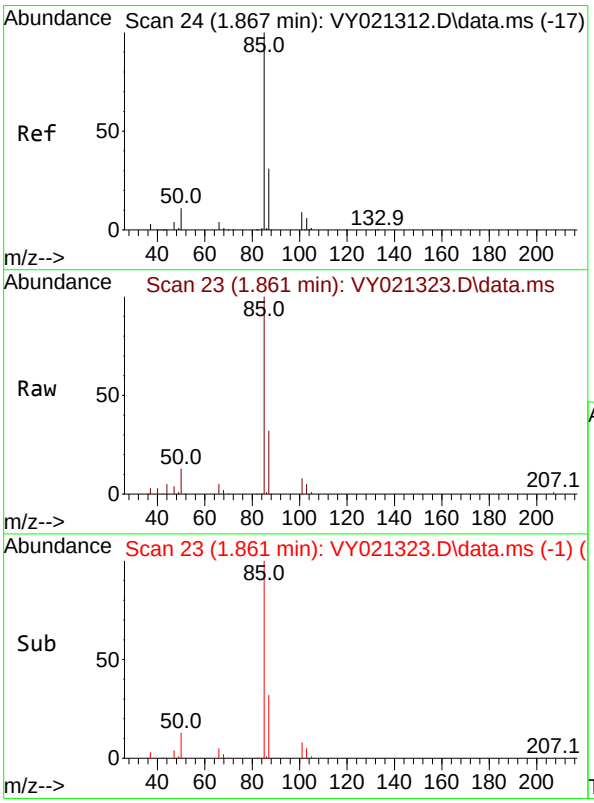
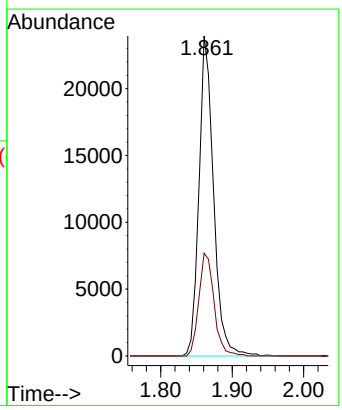
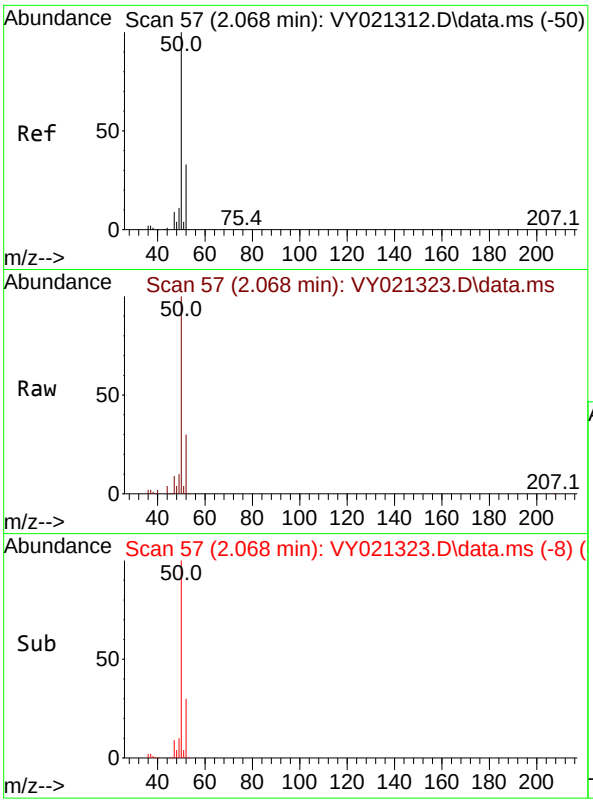


#2
Dichlorodifluoromethane
Concen: 19.219 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 85 Resp: 33929

Ion	Ratio	Lower	Upper
85	100		
87	32.1	15.4	46.4

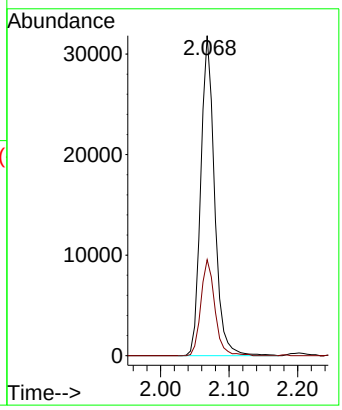




#3
Chloromethane
Concen: 19.581 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 50 Resp: 4464

Ion	Ratio	Lower	Upper
50	100		
52	30.0	26.6	40.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

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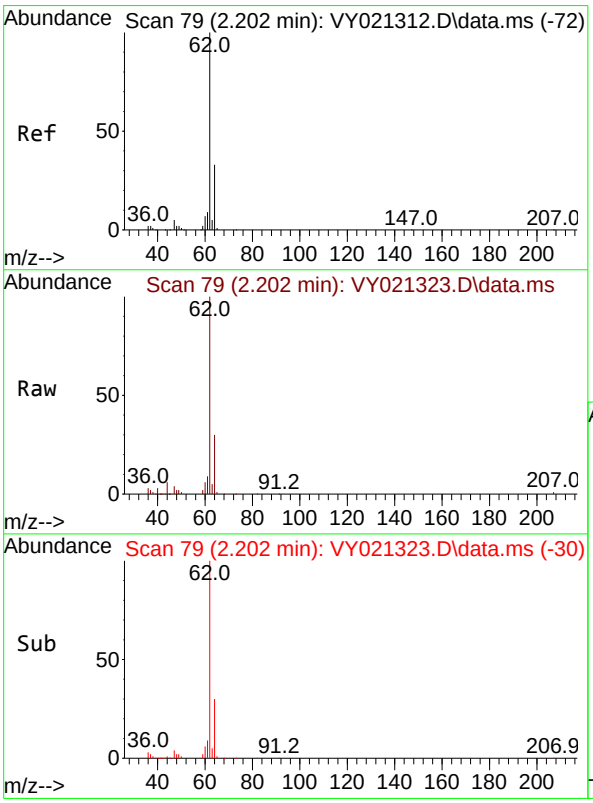
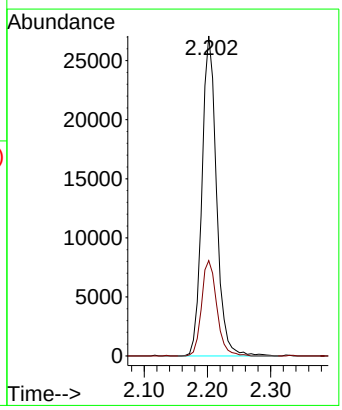
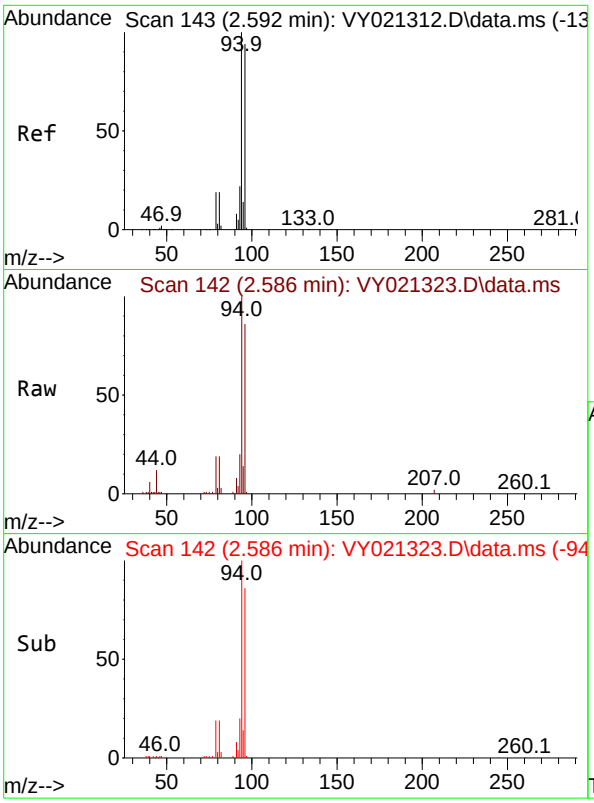


#4
Vinyl Chloride
Concen: 19.408 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 62 Resp: 43431

Ion	Ratio	Lower	Upper
62	100		
64	29.8	26.3	39.5

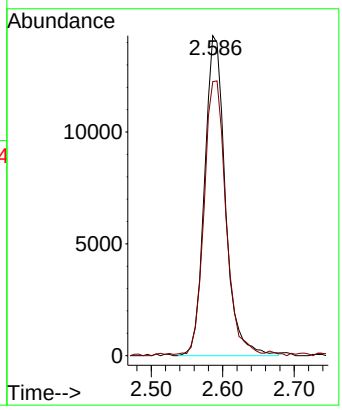




#5
Bromomethane
Concen: 19.417 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 94 Resp: 2887

Ion	Ratio	Lower	Upper
94	100		
96	85.1	75.2	112.8



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Manual Integrations
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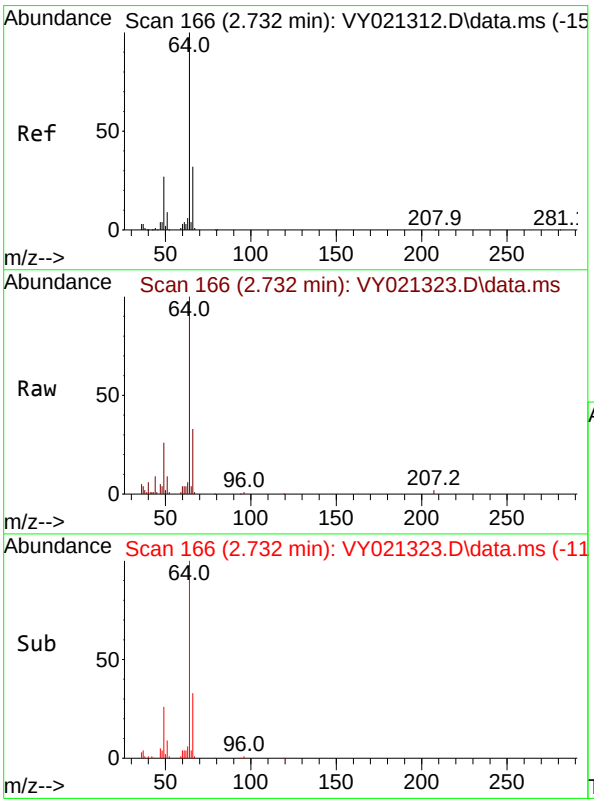
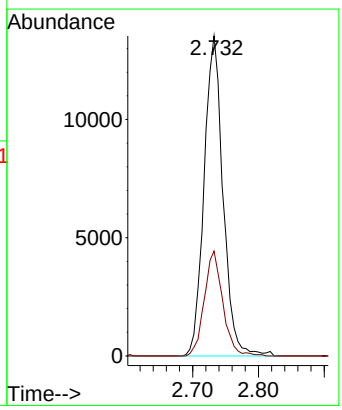
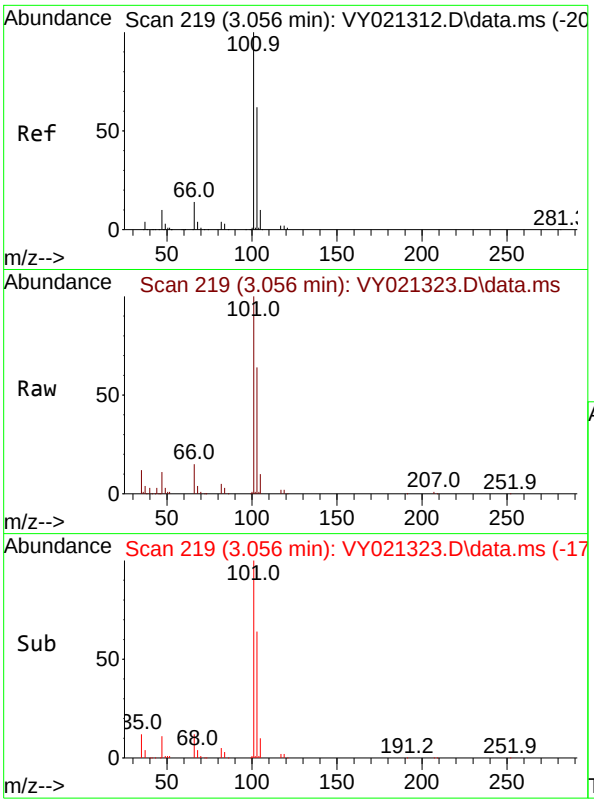


#6
Chloroethane
Concen: 19.569 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 64 Resp: 27157

Ion	Ratio	Lower	Upper
64	100		
66	32.7	25.4	38.0

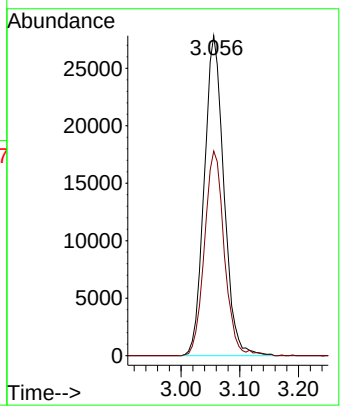




#7
Trichlorofluoromethane
Concen: 19.152 ug/l
RT: 3.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:101 Resp: 6472

Ion	Ratio	Lower	Upper
101	100		
103	63.9	49.7	74.5



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Manual Integrations
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Reviewed By :Romaben Patel 02/27/2025
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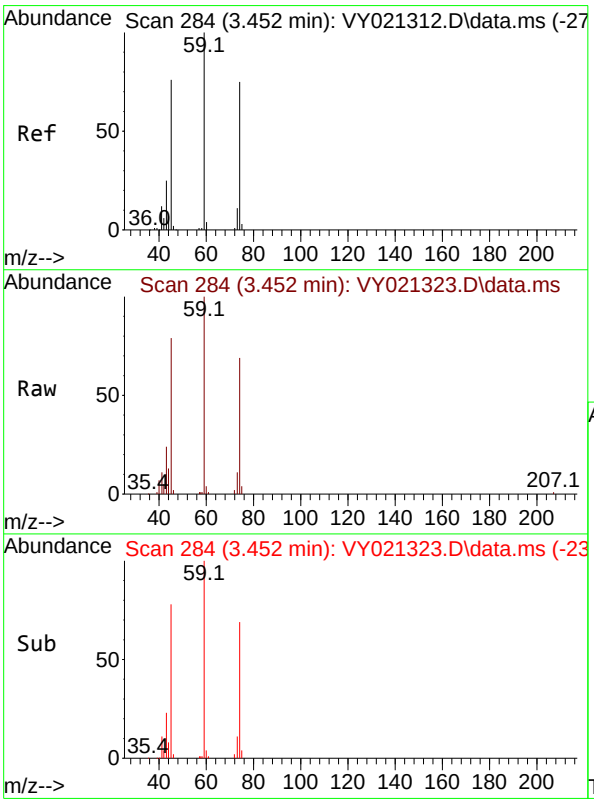
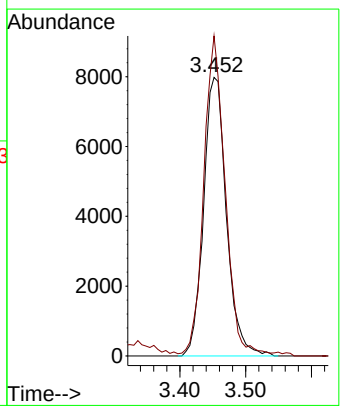
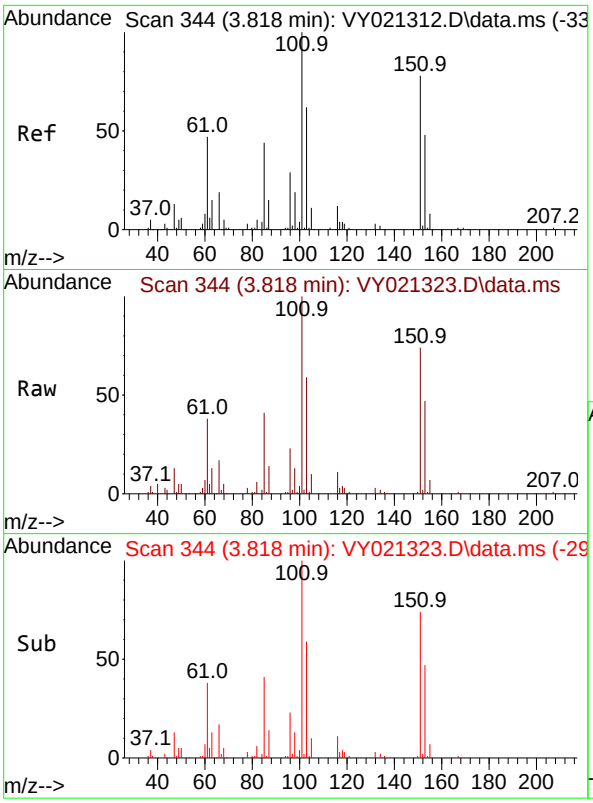


#8
Diethyl Ether
Concen: 19.028 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 74 Resp: 19301

Ion	Ratio	Lower	Upper
74	100		
45	105.2	50.3	150.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.956 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:101 Resp: 3904

Ion	Ratio	Lower	Upper
101	100		
85	45.0	36.7	55.1
151	77.7	62.6	94.0

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Manual Integrations
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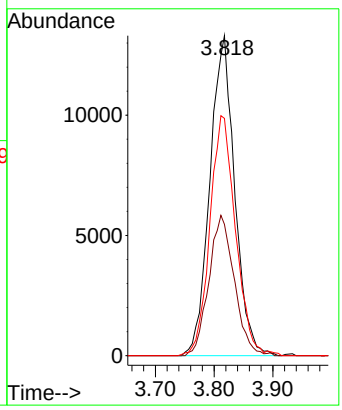
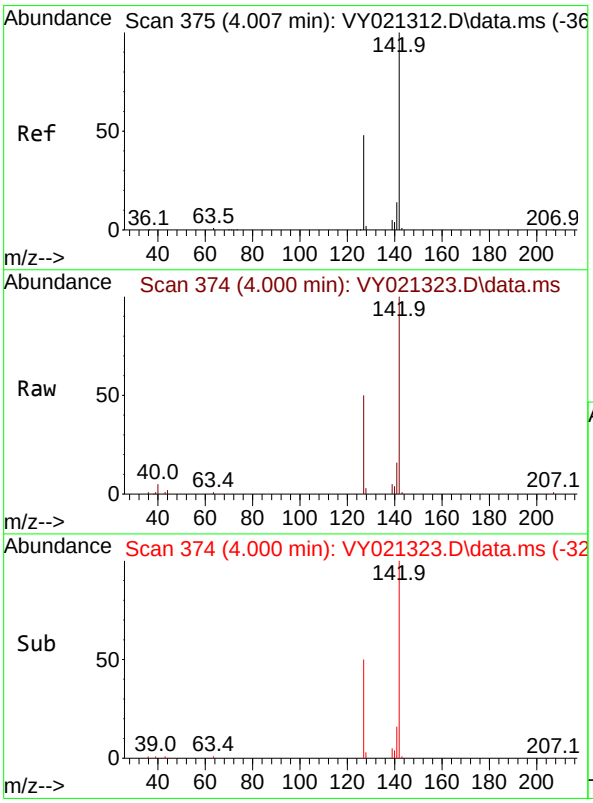
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

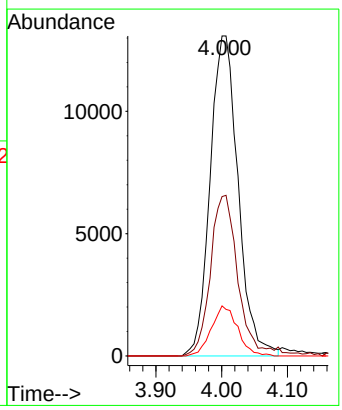


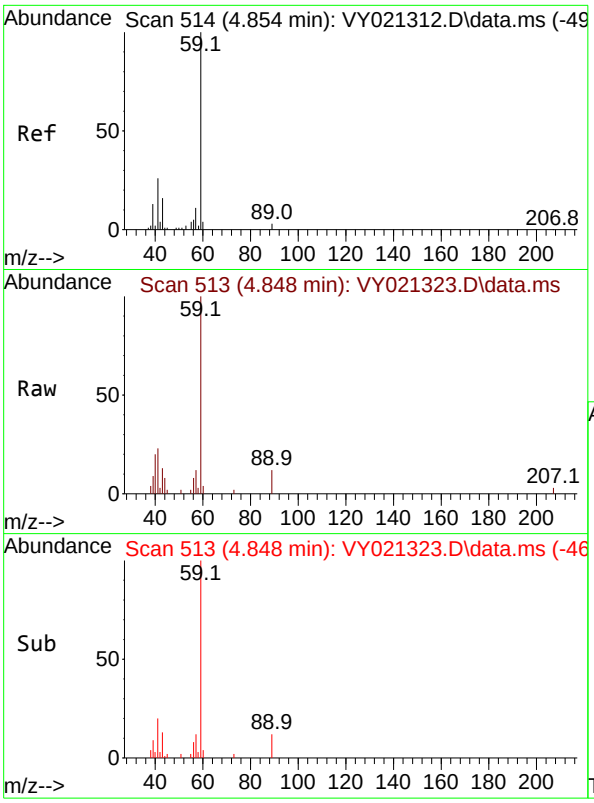


#10
Methyl Iodide
Concen: 18.815 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:142 Resp: 38731

Ion	Ratio	Lower	Upper
142	100		
127	49.9	39.2	58.8
141	14.7	11.4	17.2

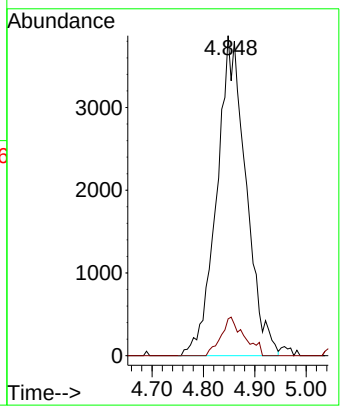




#11
Tert butyl alcohol
Concen: 94.274 ug/l
RT: 4.848 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 59 Resp: 1531

Ion	Ratio	Lower	Upper
59	100		
57	9.4	8.3	12.5



Instrument :
MSVOA_Y
ClientSampleId :
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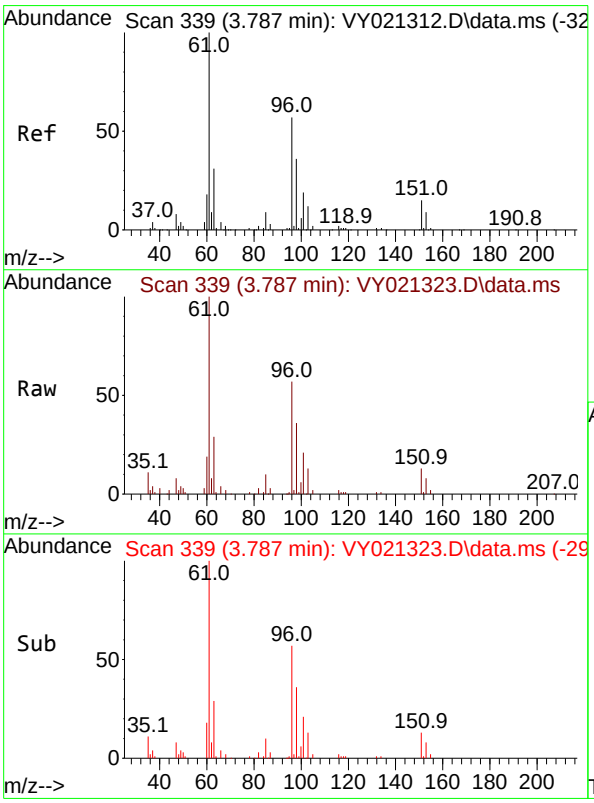
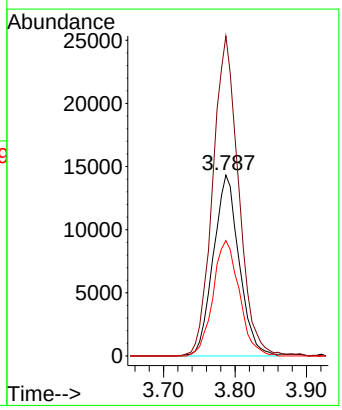
Supervised By :Mahesh Dadoda 02/27/2025

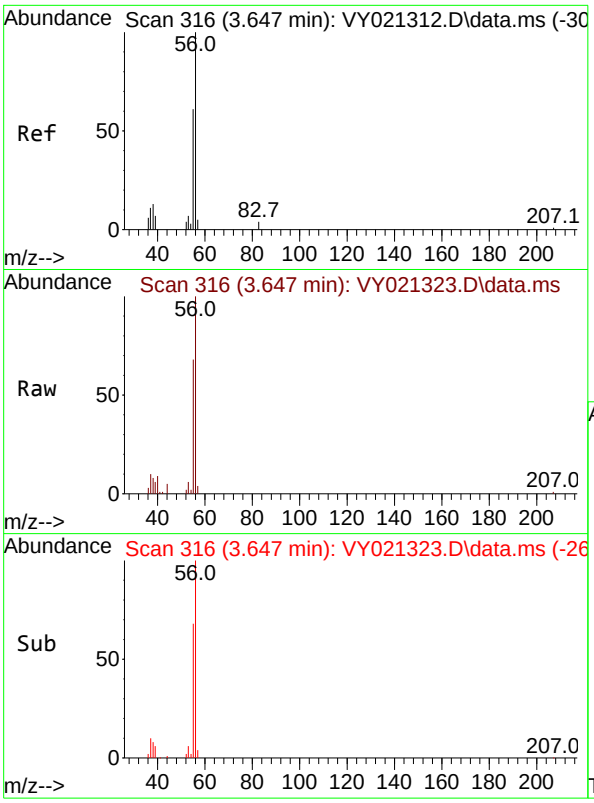


#12
1,1-Dichloroethene
Concen: 19.186 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 96 Resp: 35945

Ion	Ratio	Lower	Upper
96	100		
61	177.0	139.7	209.5
98	63.8	49.7	74.5

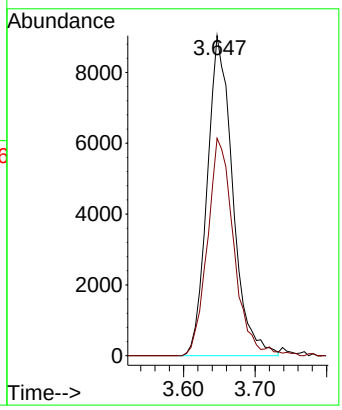




#13
Acrolein
Concen: 179.408 ug/l
RT: 3.647 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 56 Resp: 2233

Ion	Ratio	Lower	Upper
56	100		
55	70.6	59.0	88.6



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

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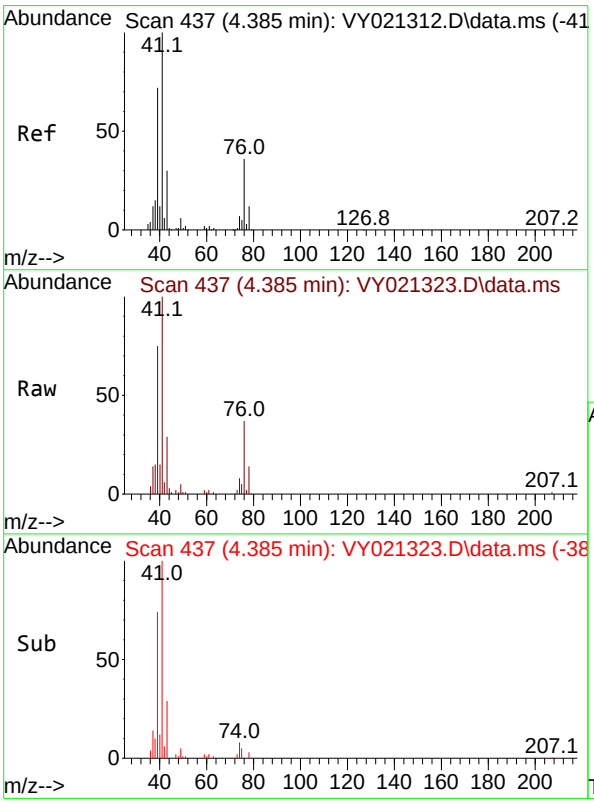
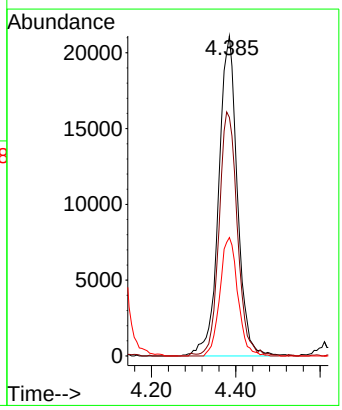
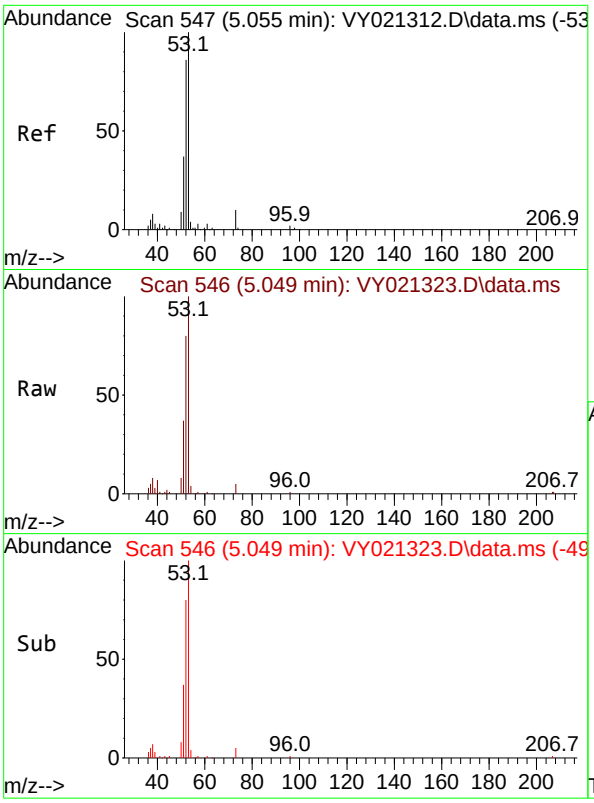


#14
Allyl chloride
Concen: 19.454 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 41 Resp: 64619

Ion	Ratio	Lower	Upper
41	100		
39	74.7	60.0	90.0
76	35.5	29.0	43.6





#15
Acrylonitrile
Concen: 95.540 ug/l
RT: 5.049 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 53 Resp: 4284

Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.5	98.3
51	38.7	30.6	46.0

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

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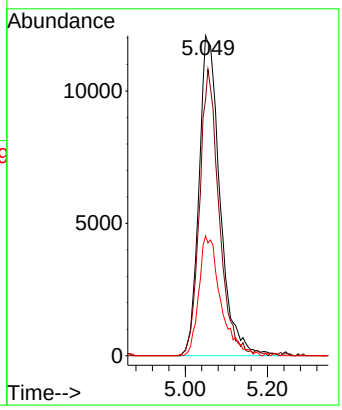
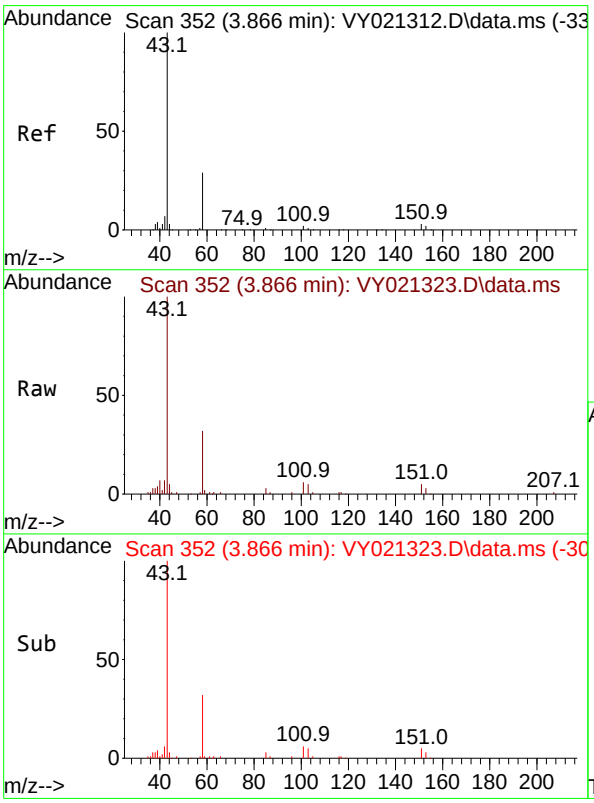
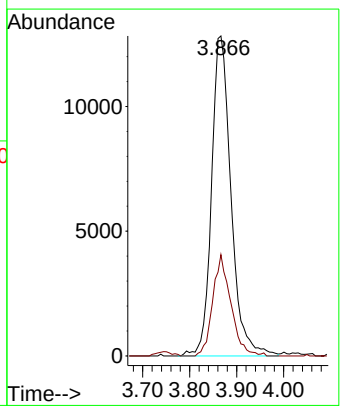


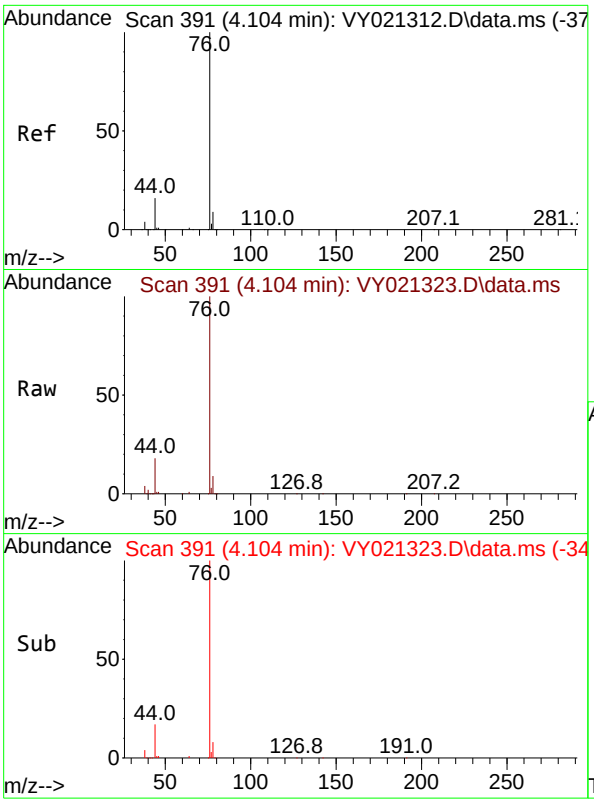


#16
Acetone
Concen: 91.302 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 43 Resp: 36994

Ion	Ratio	Lower	Upper
43	100		
58	31.7	23.5	35.3

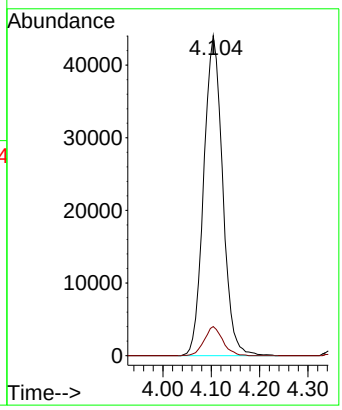




#17
Carbon Disulfide
Concen: 19.240 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 76 Resp: 11969

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

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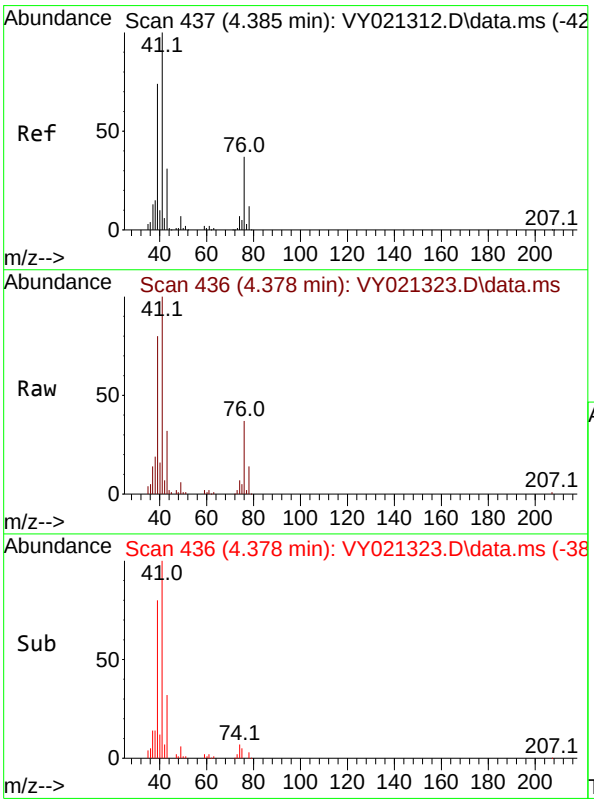
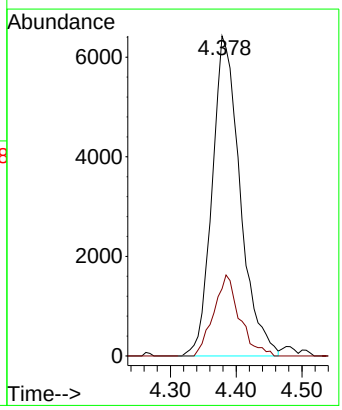
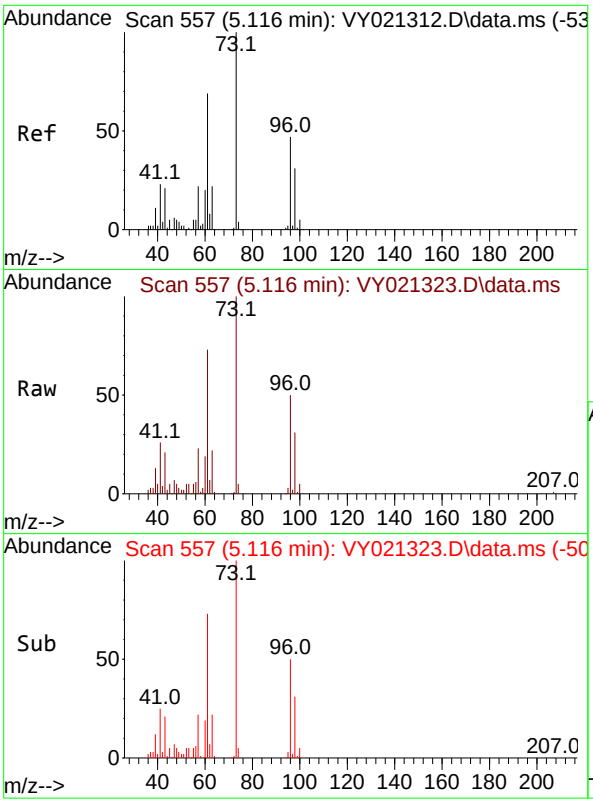


#18
Methyl Acetate
Concen: 19.188 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 43 Resp: 19000

Ion	Ratio	Lower	Upper
43	100		
74	23.5	17.7	26.5

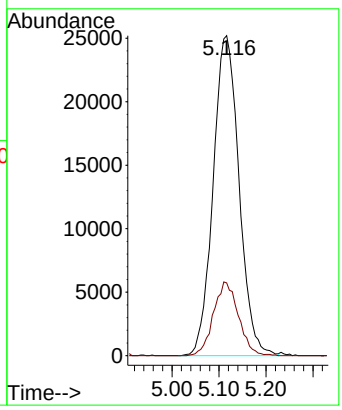




#19
Methyl tert-butyl Ether
Concen: 19.498 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 73 Resp: 9651

Ion	Ratio	Lower	Upper
73	100		
57	22.8	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

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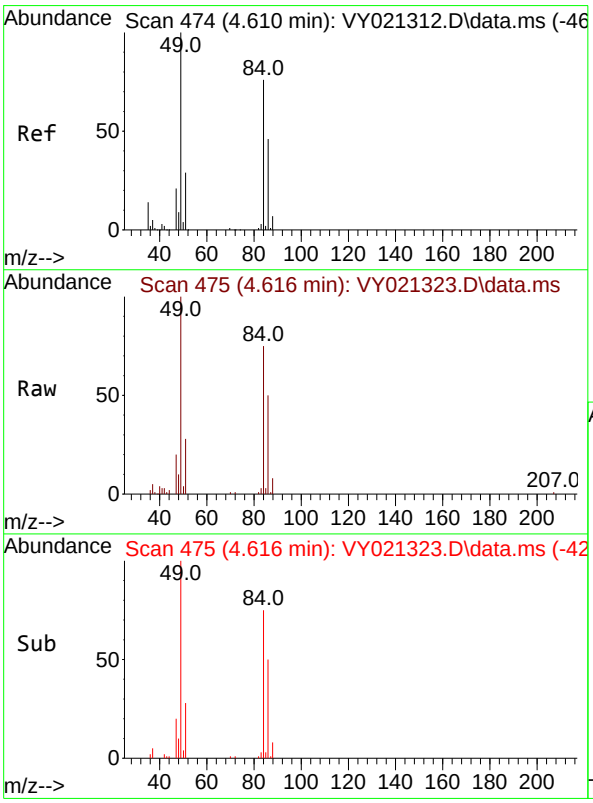
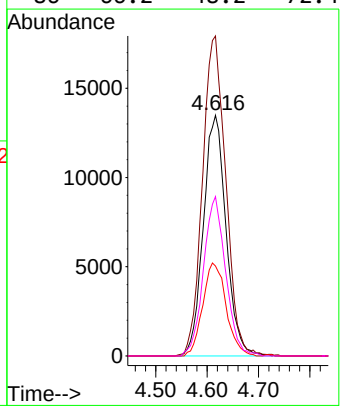
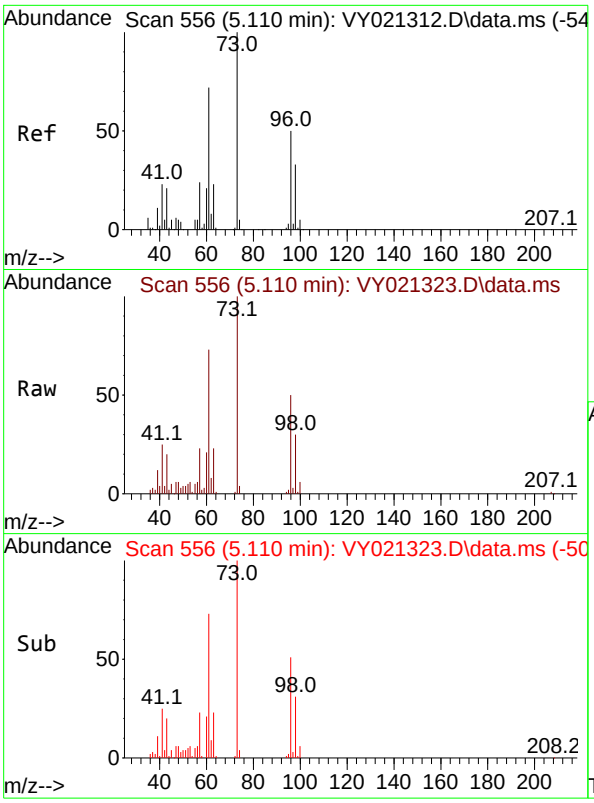


#20
Methylene Chloride
Concen: 18.908 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 84 Resp: 41428

Ion	Ratio	Lower	Upper
84	100		
49	132.6	105.1	157.7
51	37.4	31.0	46.4
86	66.2	48.2	72.4

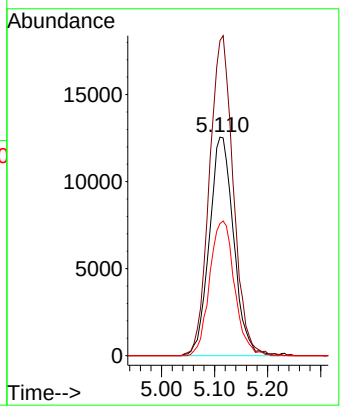




#21
trans-1,2-Dichloroethene
Concen: 19.387 ug/l
RT: 5.110 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 96 Resp: 3998

Ion	Ratio	Lower	Upper
96	100		
61	144.1	116.3	174.5
98	60.4	52.6	78.8



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Manual Integrations
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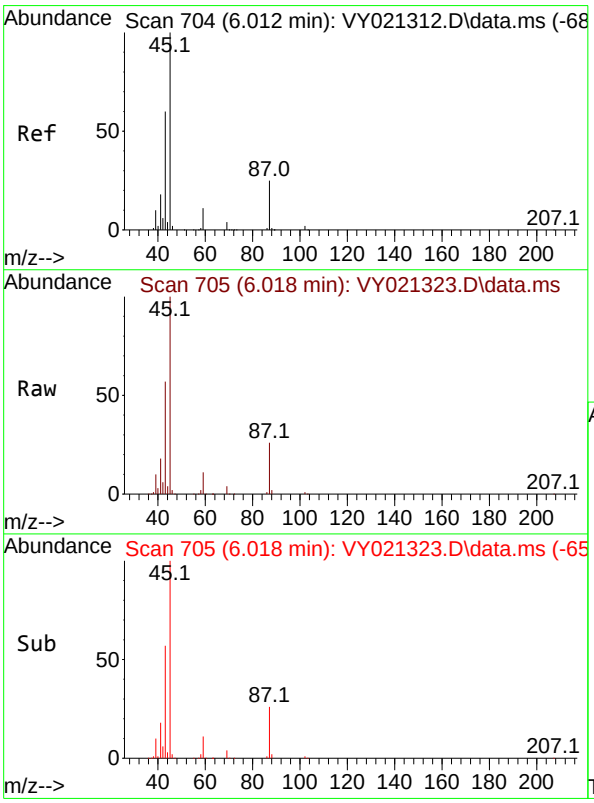
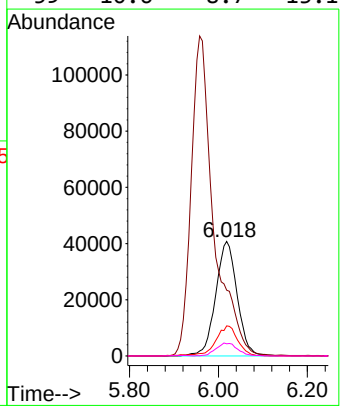
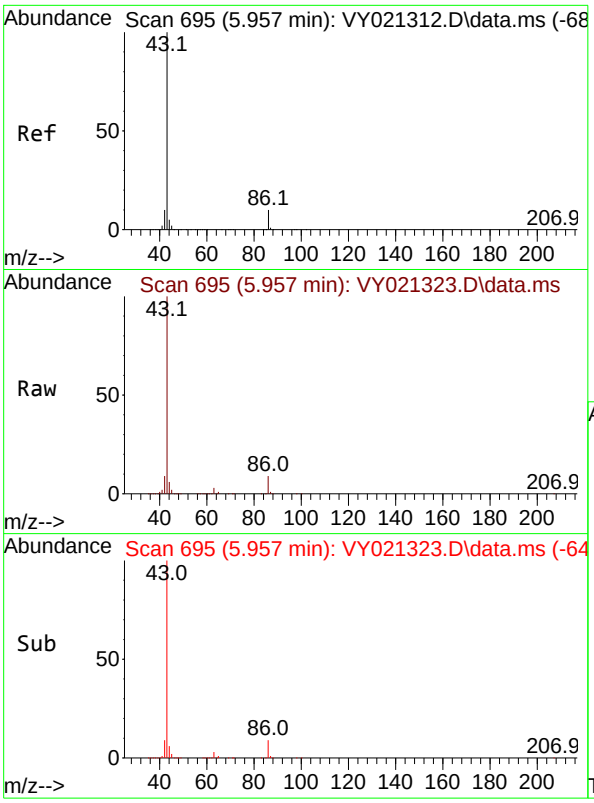


#22
Diisopropyl ether
Concen: 19.868 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 45 Resp: 136570

Ion	Ratio	Lower	Upper
45	100		
43	56.8	48.2	72.4
87	26.3	20.3	30.5
59	10.6	8.7	13.1

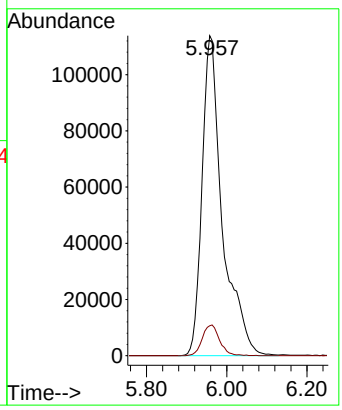




#23
Vinyl Acetate
Concen: 97.548 ug/l
RT: 5.957 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 43 Resp: 40068

Ion	Ratio	Lower	Upper
43	100		
86	9.4	8.0	12.0



Instrument :
MSVOA_Y
ClientSampleId :
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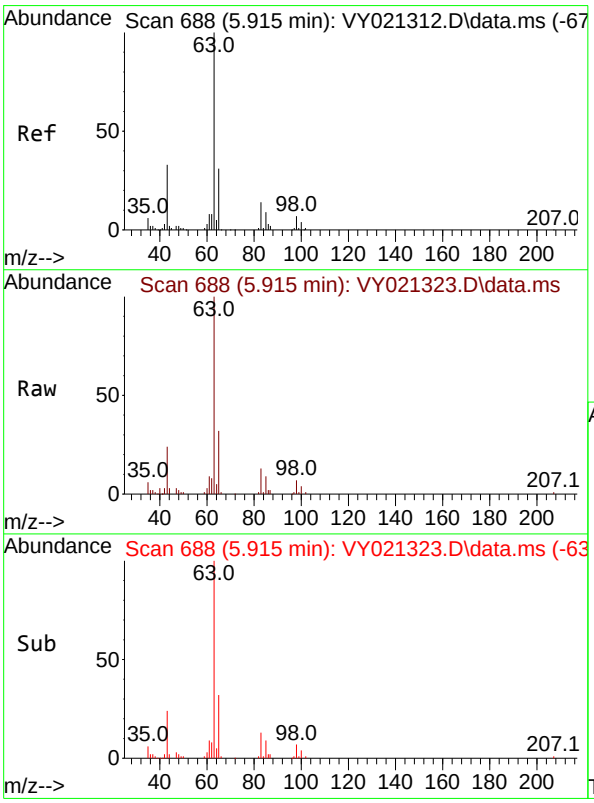
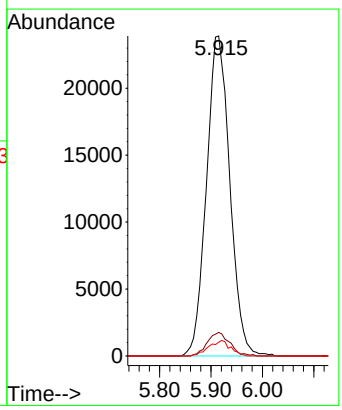
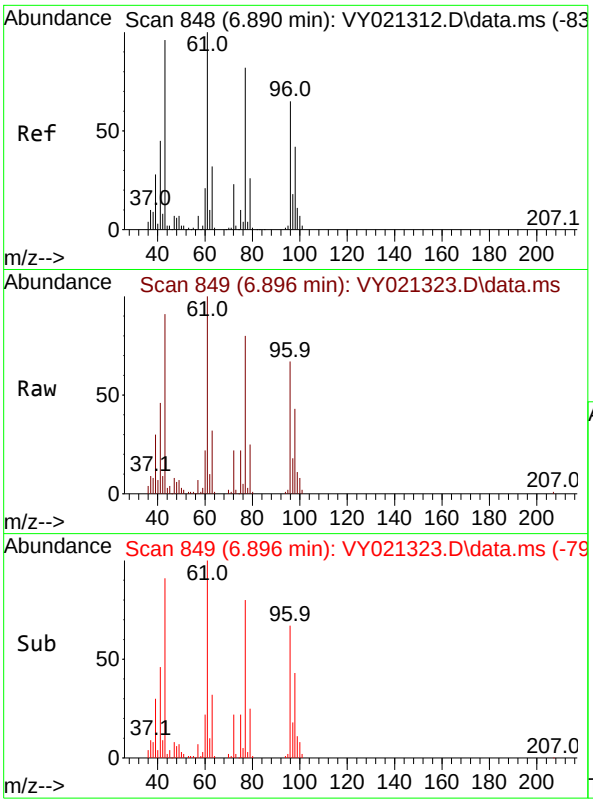


#24
1,1-Dichloroethane
Concen: 19.476 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 63 Resp: 75455

Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.7	11.1
100	4.3	2.1	6.5





#25
2-Butanone
Concen: 94.416 ug/l
RT: 6.896 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 43 Resp: 5773

Ion	Ratio	Lower	Upper
43	100		
72	23.9	19.0	28.6

Instrument :
MSVOA_Y
ClientSampleId :
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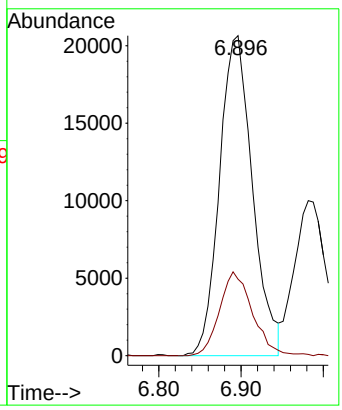
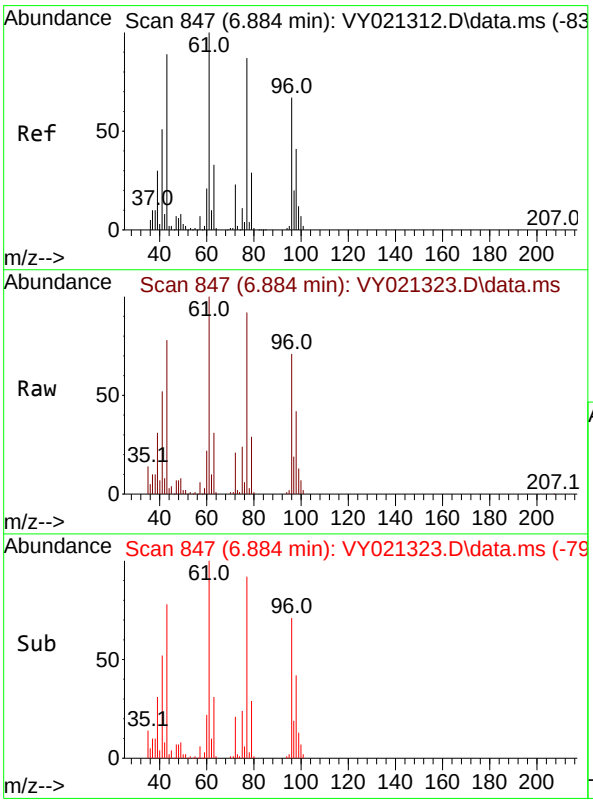
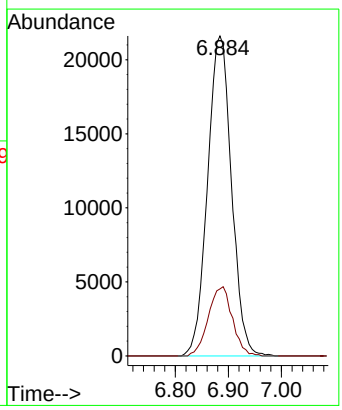


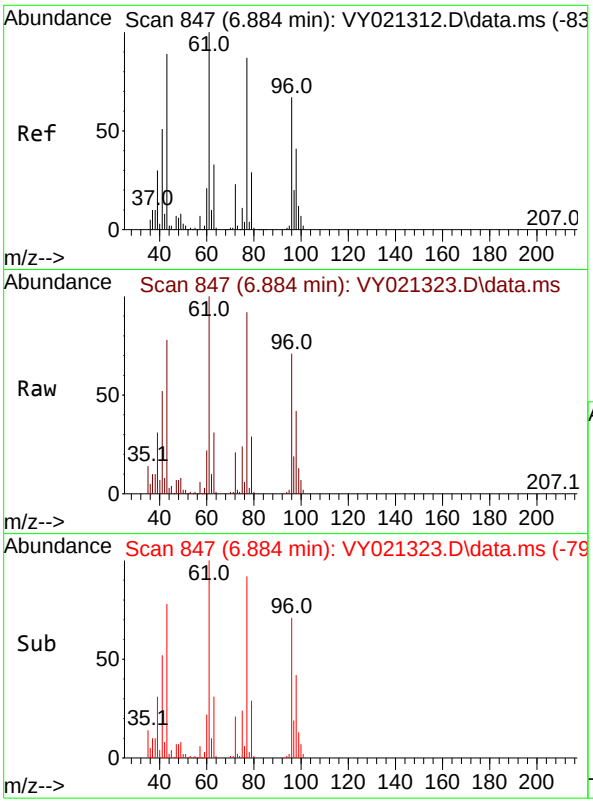


#26
2,2-Dichloropropane
Concen: 19.300 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 77 Resp: 67846

Ion	Ratio	Lower	Upper
77	100		
97	21.7	10.9	32.7

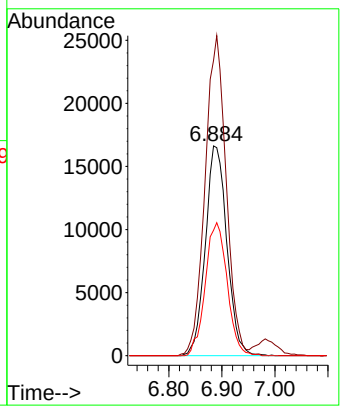




#27
cis-1,2-Dichloroethene
Concen: 19.905 ug/l
RT: 6.884 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 96 Resp: 4688

Ion	Ratio	Lower	Upper
96	100		
61	150.0	0.0	308.0
98	64.4	0.0	129.6



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

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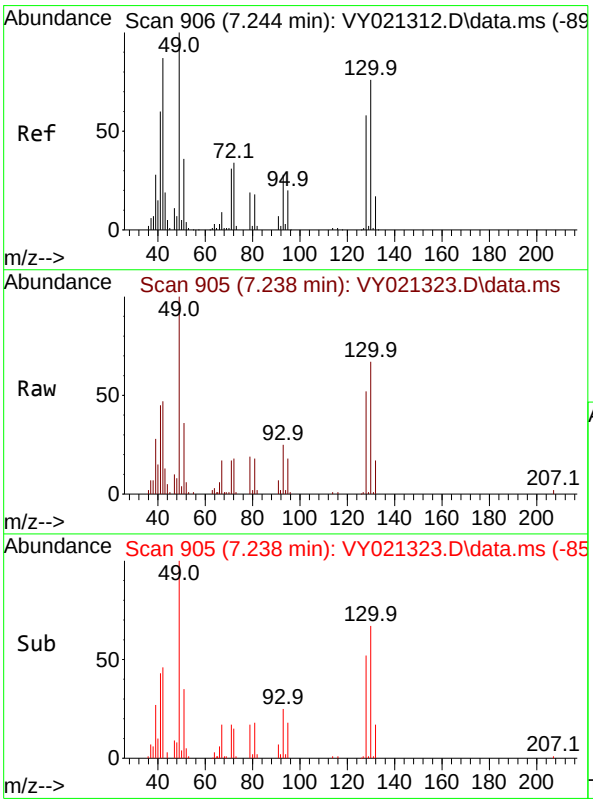
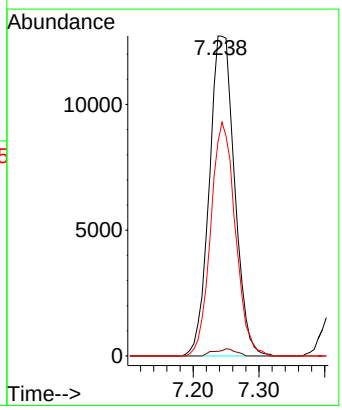
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

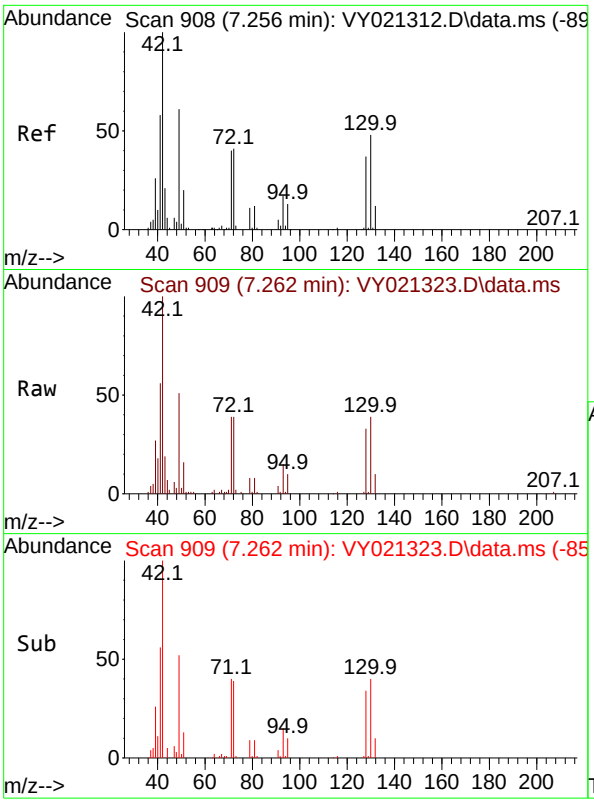


#28
Bromochloromethane
Concen: 19.882 ug/l
RT: 7.238 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 49 Resp: 34082

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	71.0	57.8	86.6

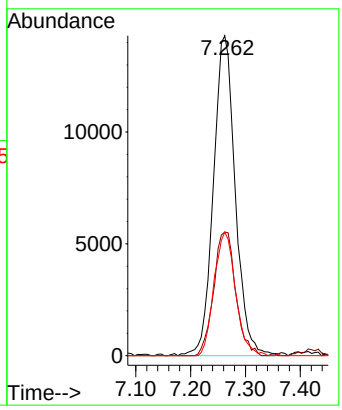




#29
Tetrahydrofuran
Concen: 99.167 ug/l
RT: 7.262 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 42 Resp: 3963

Ion	Ratio	Lower	Upper
42	100		
72	39.0	33.1	49.7
71	37.9	31.4	47.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

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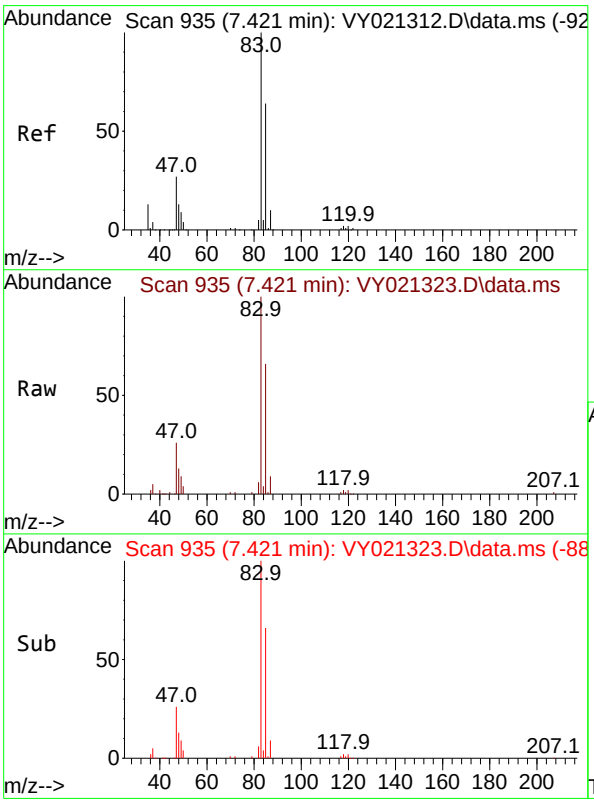
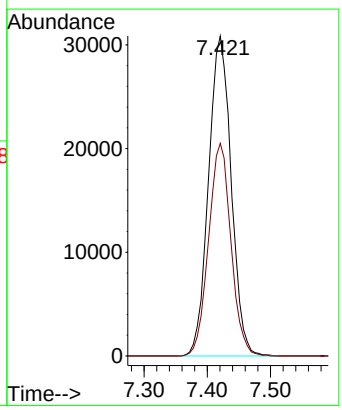
Supervised By :Mahesh Dadoda 02/27/2025

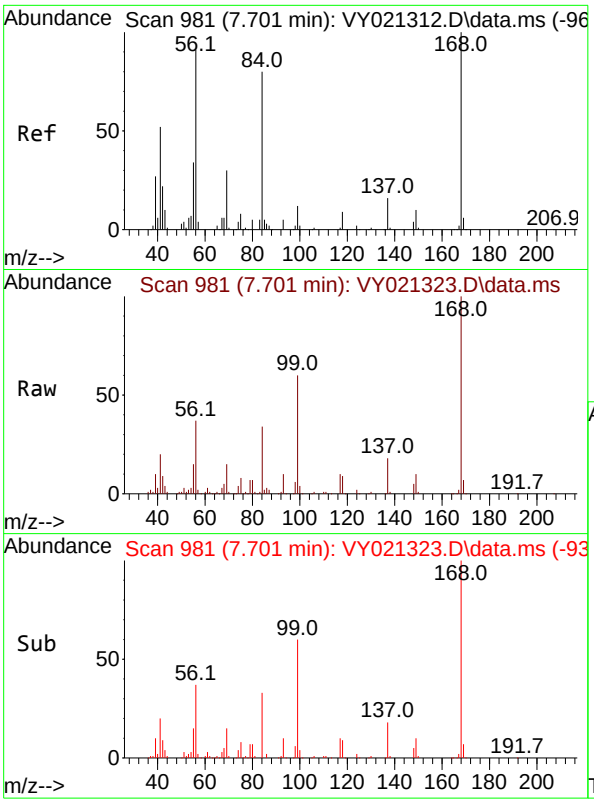


#30
Chloroform
Concen: 19.537 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 83 Resp: 76696

Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.6	77.4

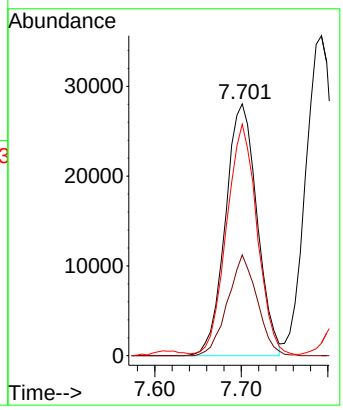




#31
Cyclohexane
Concen: 19.104 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 56 Resp: 7114

Ion	Ratio	Lower	Upper
56	100		
69	40.1	26.2	39.4
84	90.8	70.2	105.4



Instrument :
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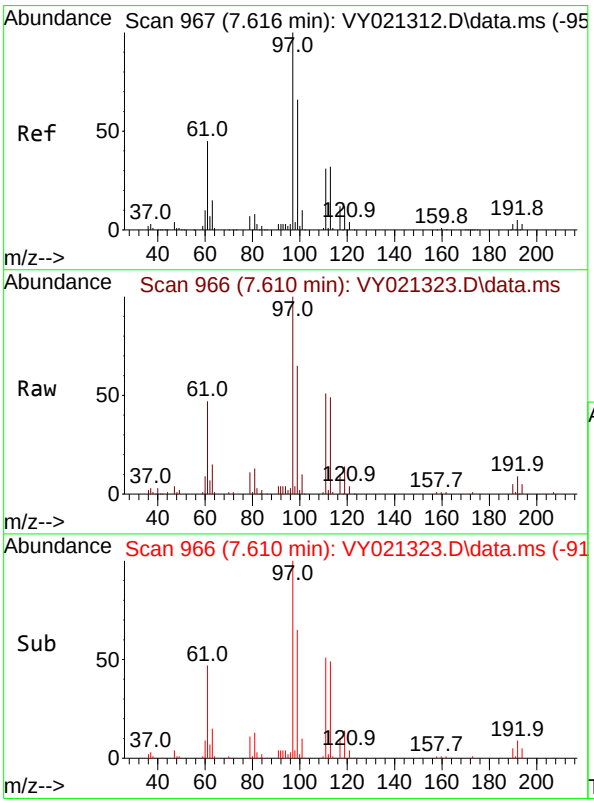
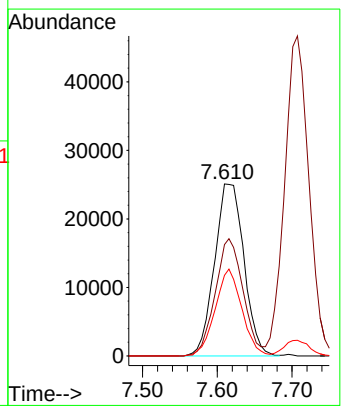
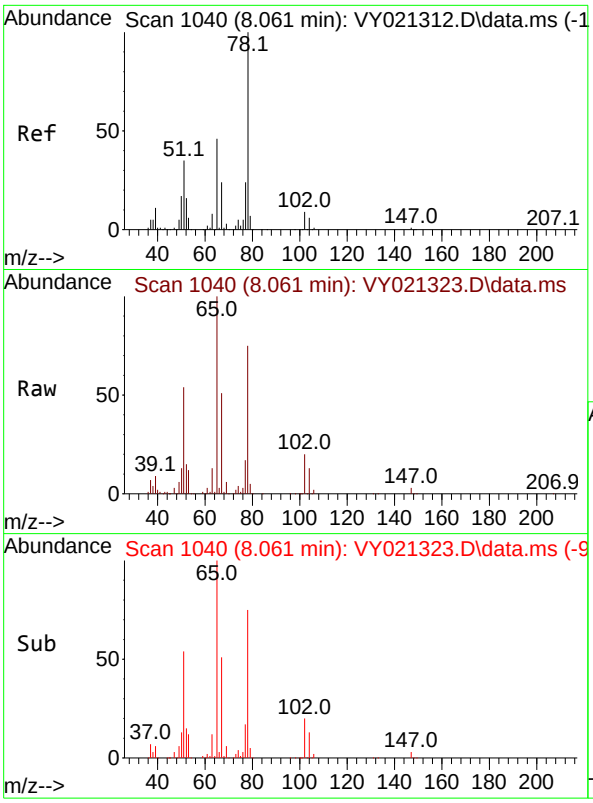


#32
1,1,1-Trichloroethane
Concen: 19.226 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 97 Resp: 68700

Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.4	78.6
61	45.9	36.2	54.2

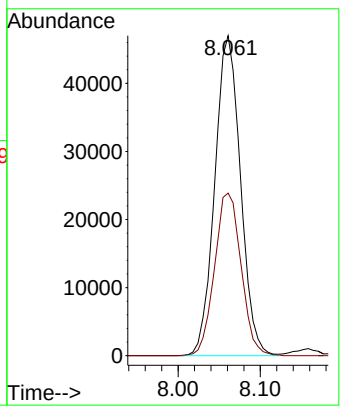




#33
1,2-Dichloroethane-d4
Concen: 48.451 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 65 Resp: 10234

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	103.6



Instrument :
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ClientSampleId :
VY0226SBSD01

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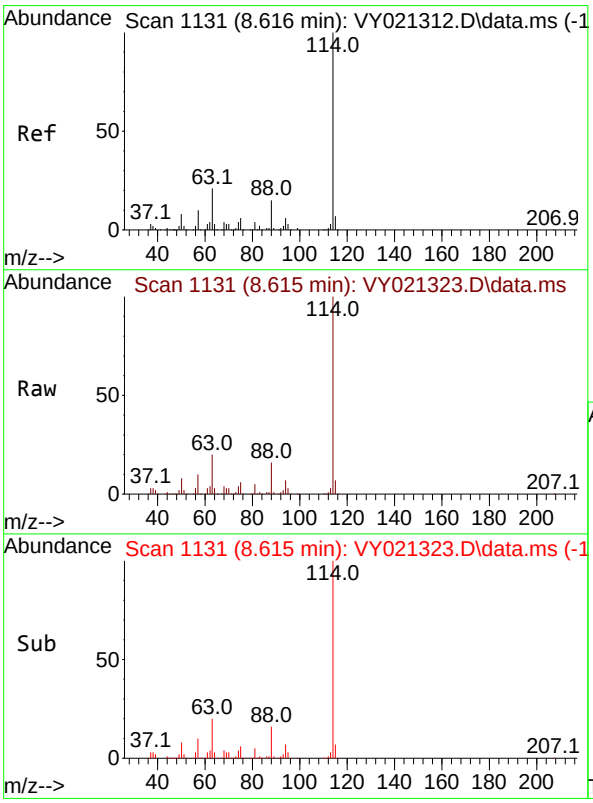
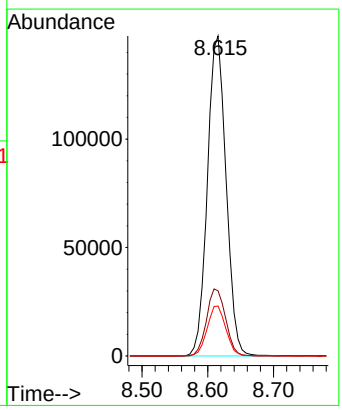
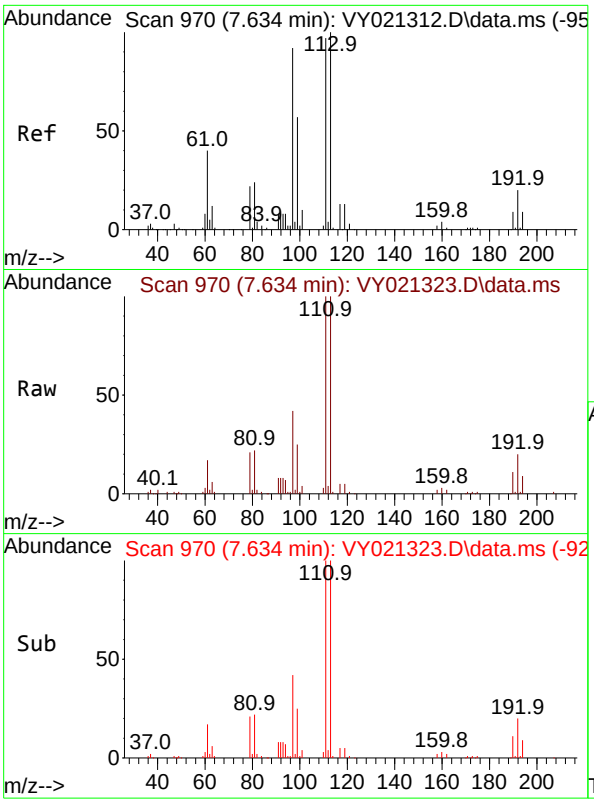


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:114 Resp: 292071

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.2
88	15.6	0.0	29.8

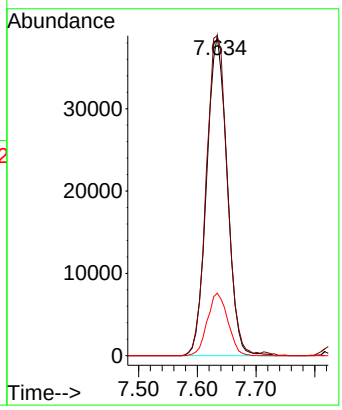




#35
Dibromofluoromethane
Concen: 49.120 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:113 Resp: 9405

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.0	121.6
192	19.6	15.8	23.8



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

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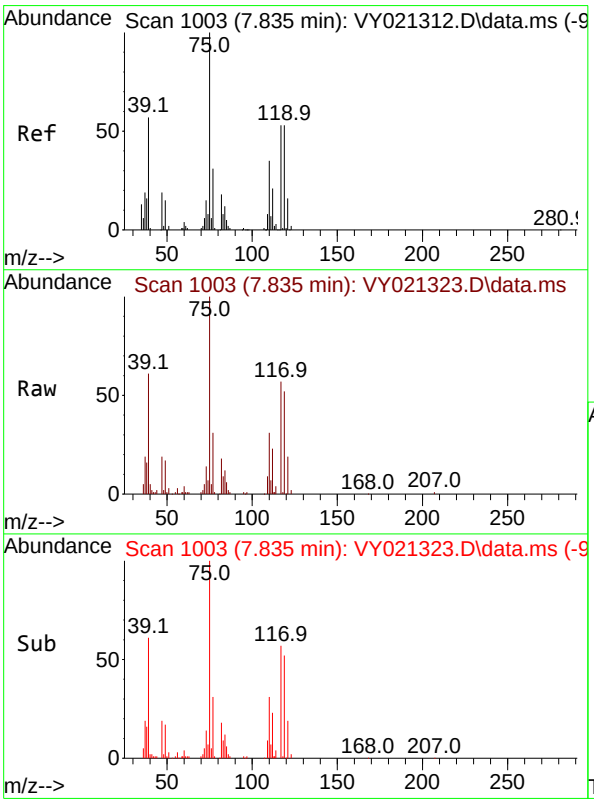
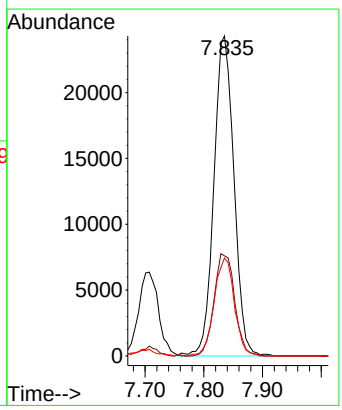
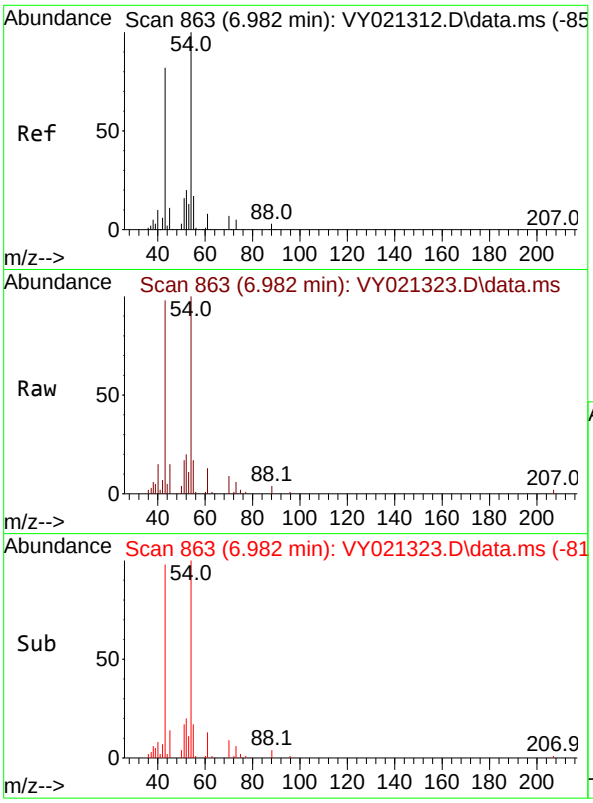


#36
1,1-Dichloropropene
Concen: 20.043 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 75 Resp: 57651

Ion	Ratio	Lower	Upper
75	100		
110	32.9	16.9	50.7
77	30.8	24.6	36.8

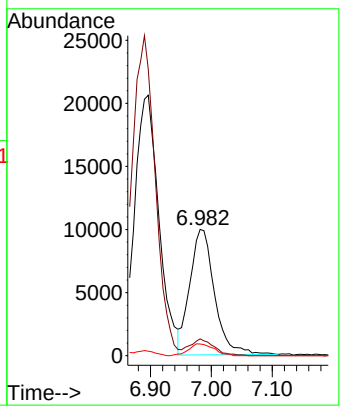




#37
Ethyl Acetate
Concen: 19.665 ug/l
RT: 6.982 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 43 Resp: 2813

Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.4	15.6
70	9.5	7.5	11.3



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

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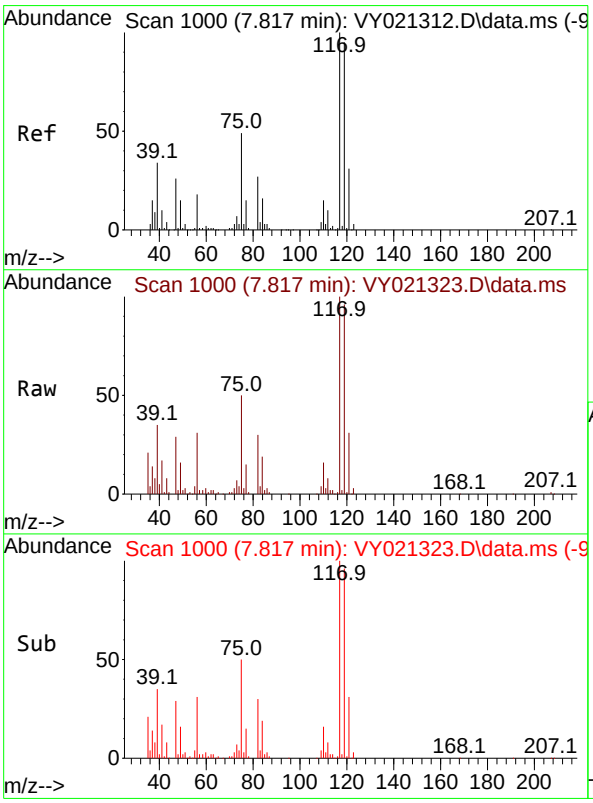
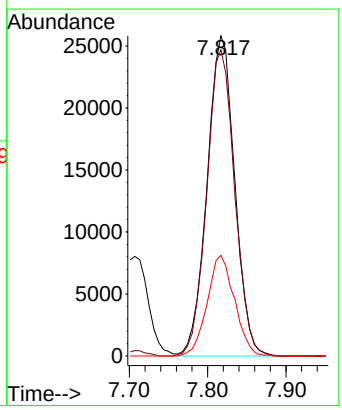
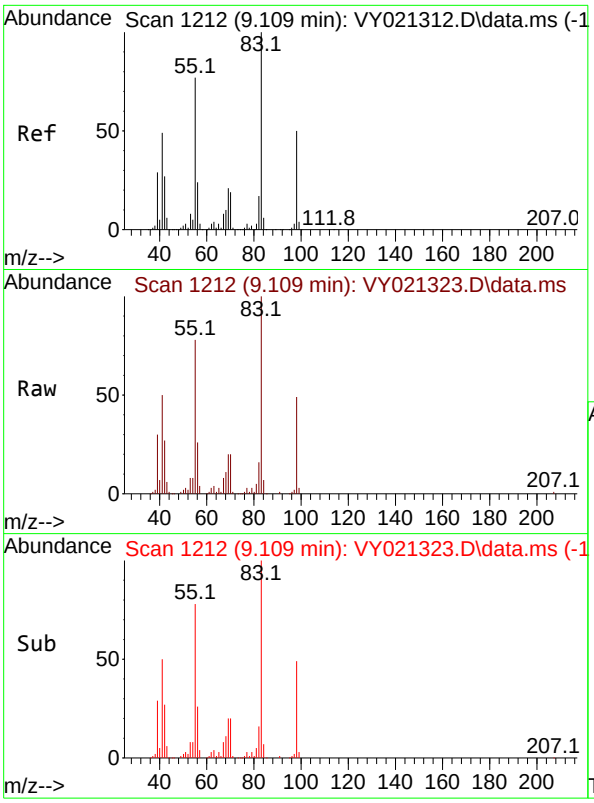


#38
Carbon Tetrachloride
Concen: 19.587 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:117 Resp: 63336

Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.0	114.0
121	31.4	24.9	37.3





#39
Methylcyclohexane
Concen: 19.543 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 83 Resp: 7109

Ion	Ratio	Lower	Upper
83	100		
55	77.6	61.3	91.9
98	49.2	39.9	59.9

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

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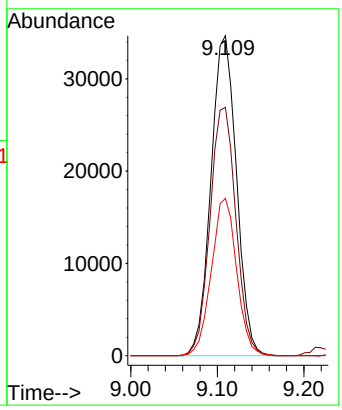
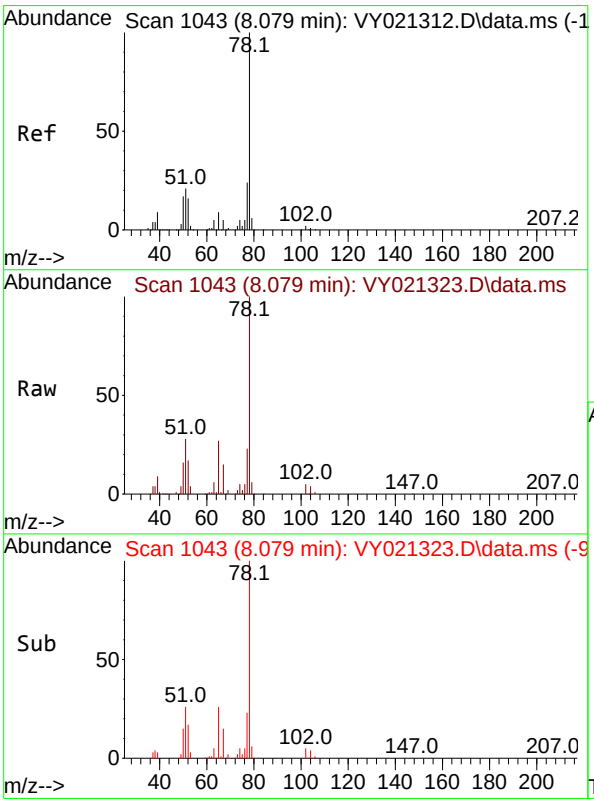
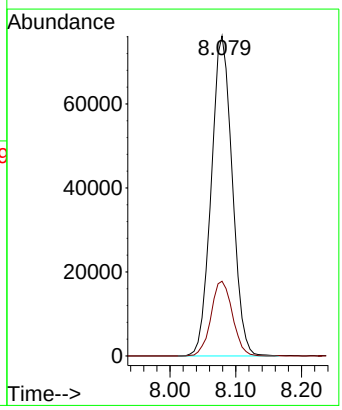


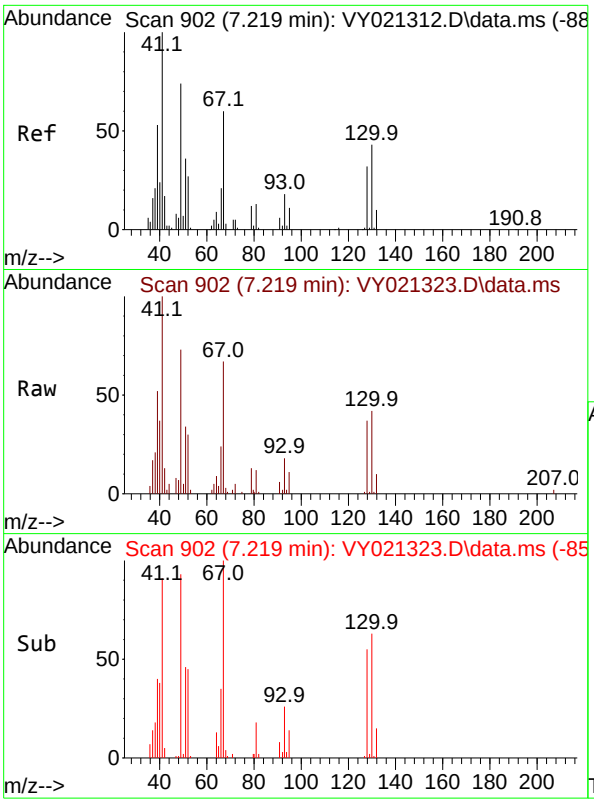


#40
Benzene
Concen: 19.922 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 78 Resp: 169384

Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.2	28.8

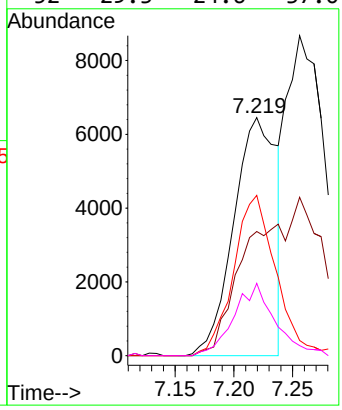




#41
Methacrylonitrile
Concen: 20.455 ug/l
RT: 7.219 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 41 Resp: 1636

Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.3	63.5
67	66.9	54.8	82.2
52	29.3	24.6	37.0



Instrument :
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ClientSampleId :
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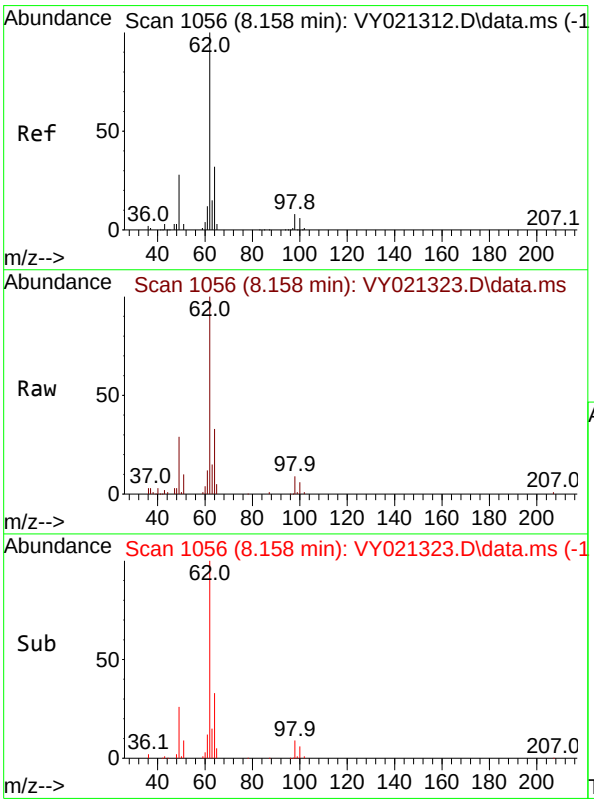
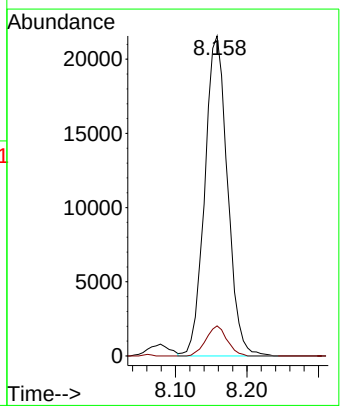
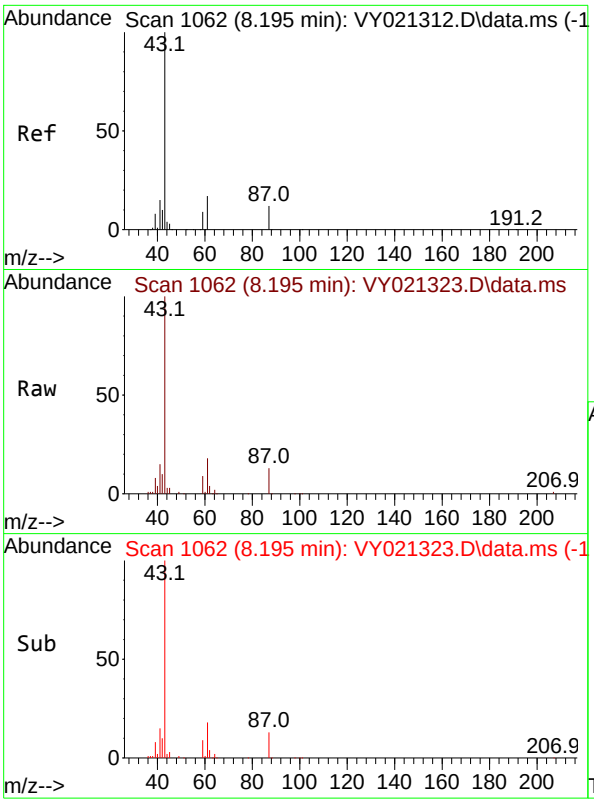


#42
1,2-Dichloroethane
Concen: 19.718 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 62 Resp: 47566

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.6

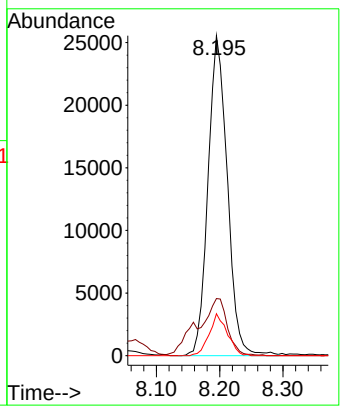




#43
Isopropyl Acetate
Concen: 19.618 ug/l
RT: 8.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 43 Resp: 5433

Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.0	22.6
87	12.2	10.0	15.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

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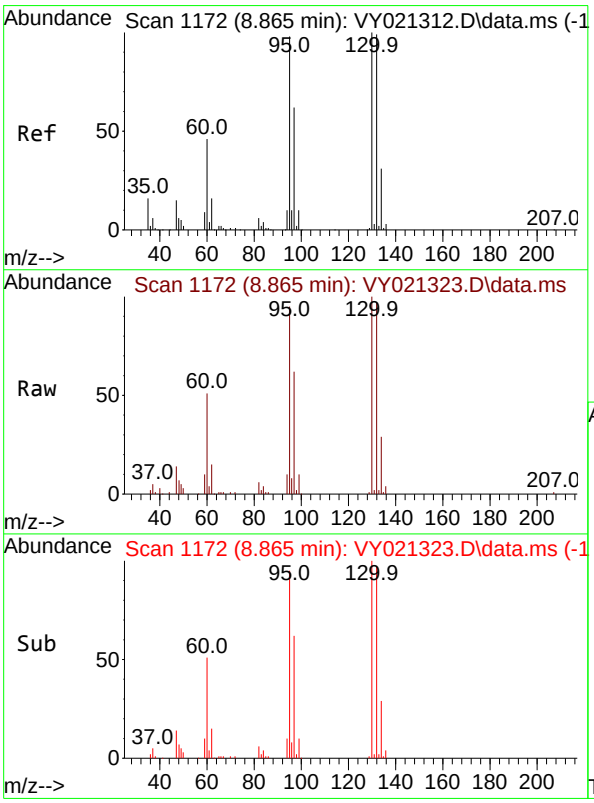
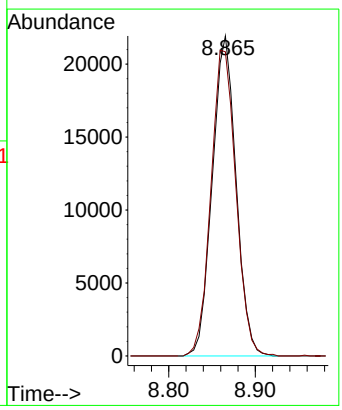
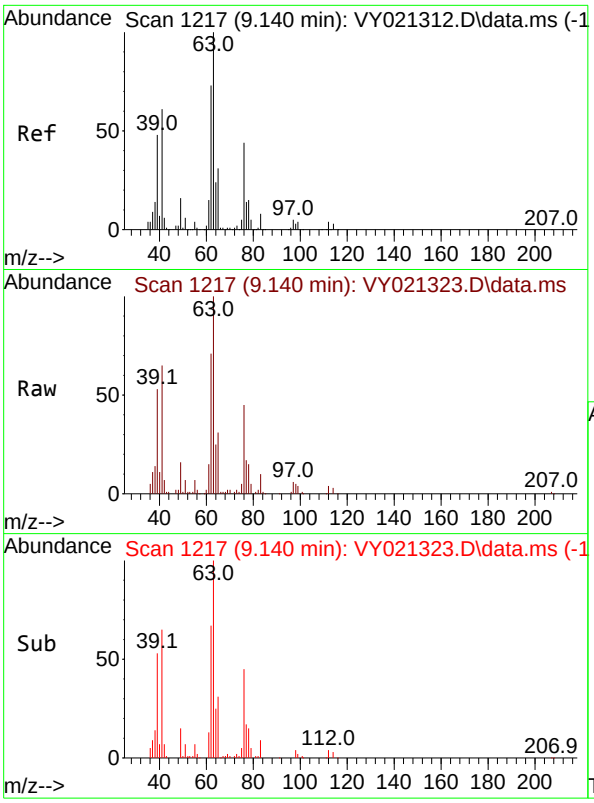


#44
Trichloroethene
Concen: 19.638 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:130 Resp: 41805

Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	196.0

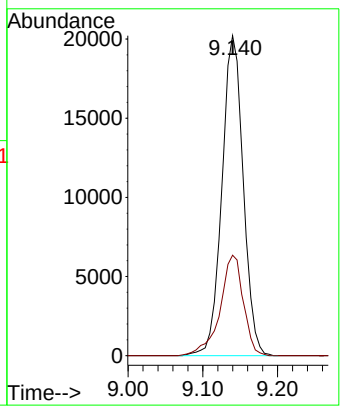




#45
1,2-Dichloropropane
Concen: 19.592 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 63 Resp: 4008

Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.6	36.8



Instrument :
MSVOA_Y
ClientSampleId :
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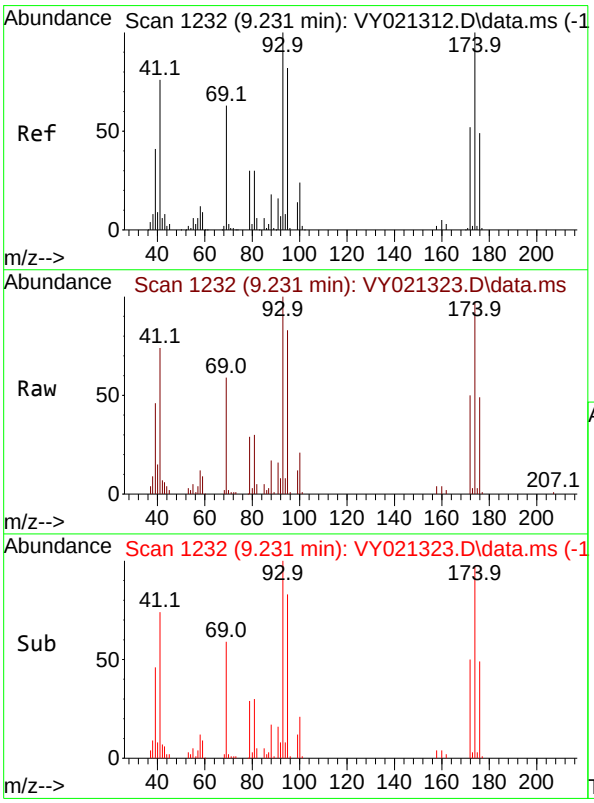
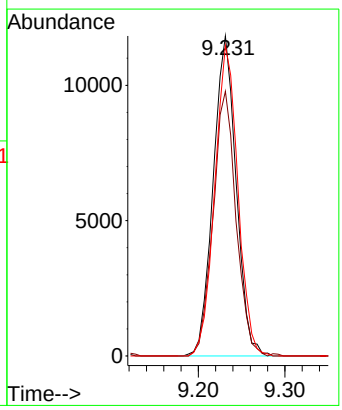
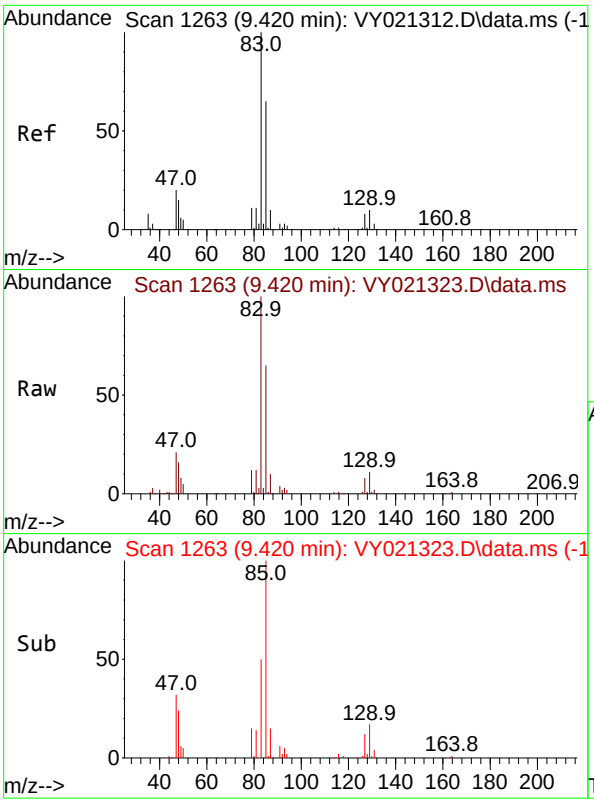


#46
Dibromomethane
Concen: 19.425 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 93 Resp: 21727

Ion	Ratio	Lower	Upper
93	100		
95	82.6	66.4	99.6
174	97.9	78.2	117.2

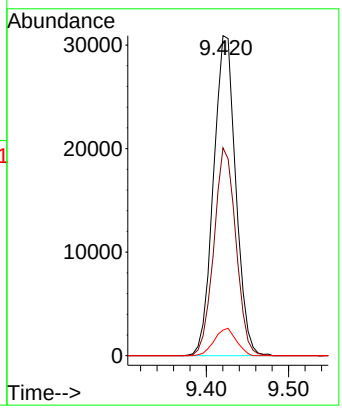




#47
Bromodichloromethane
Concen: 19.487 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 83 Resp: 5811

Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.8	77.8
127	8.0	6.7	10.1



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

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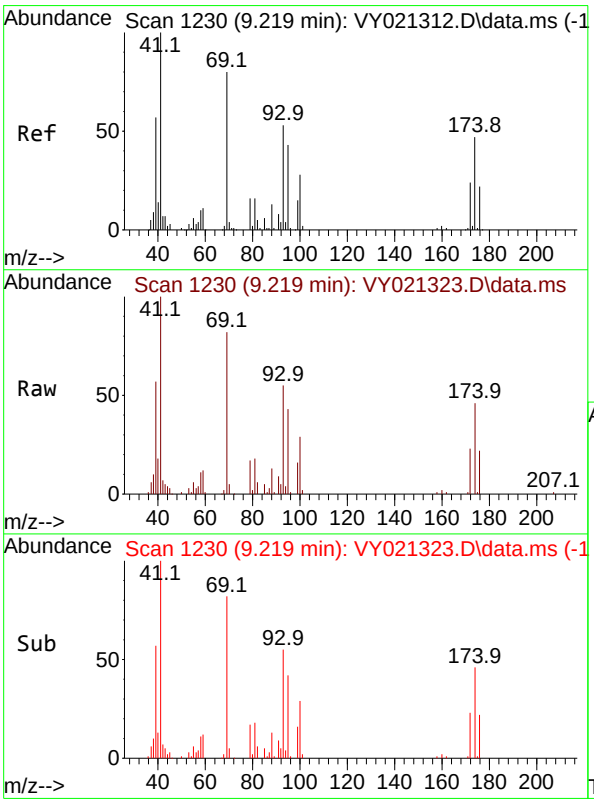
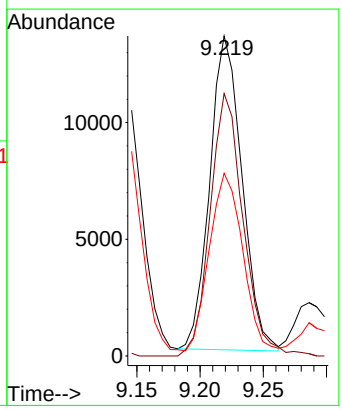
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

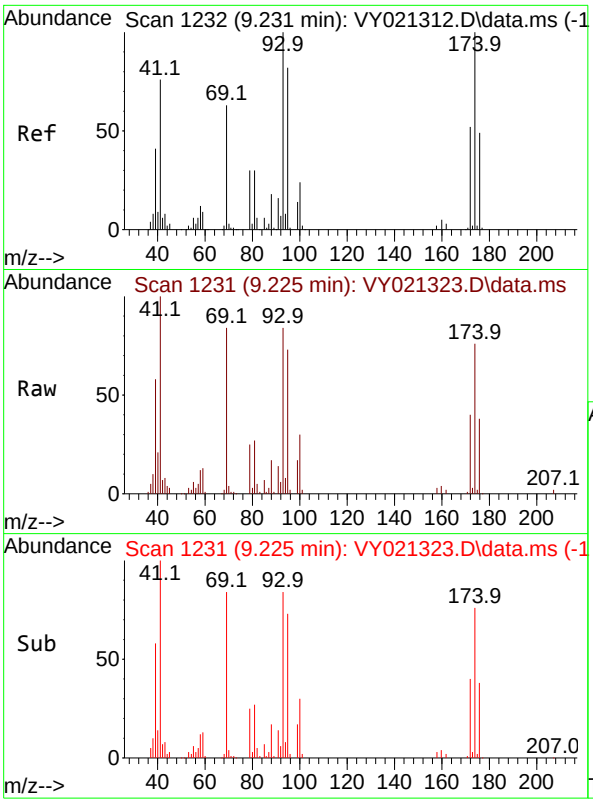


#48
Methyl methacrylate
Concen: 18.368 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 41 Resp: 23787

Ion	Ratio	Lower	Upper
41	100		
69	85.5	63.3	94.9
39	58.8	45.0	67.6

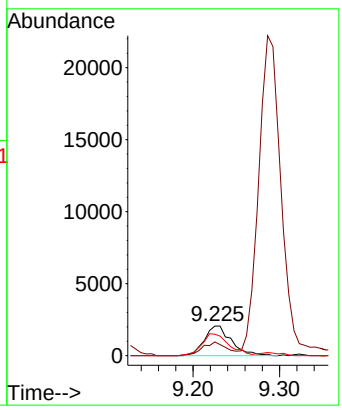




#49
1,4-Dioxane
Concen: 358.943 ug/l
RT: 9.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 88 Resp: 446

Ion	Ratio	Lower	Upper
88	100		
43	41.5	34.8	52.2
58	74.4	59.8	89.6



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

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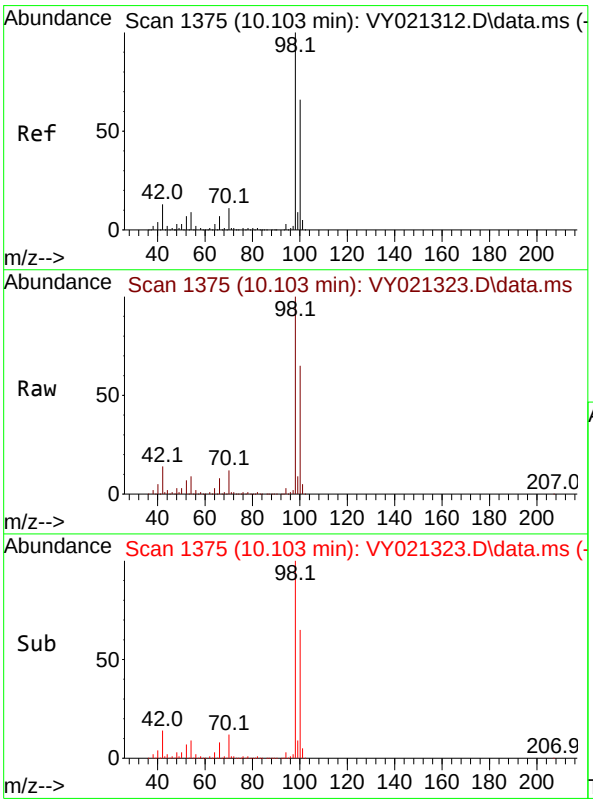
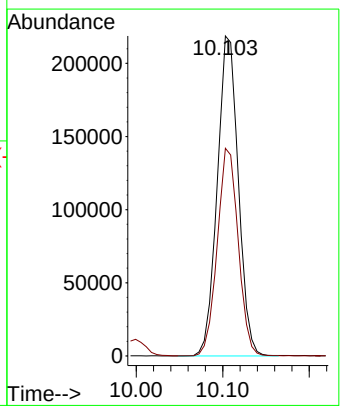
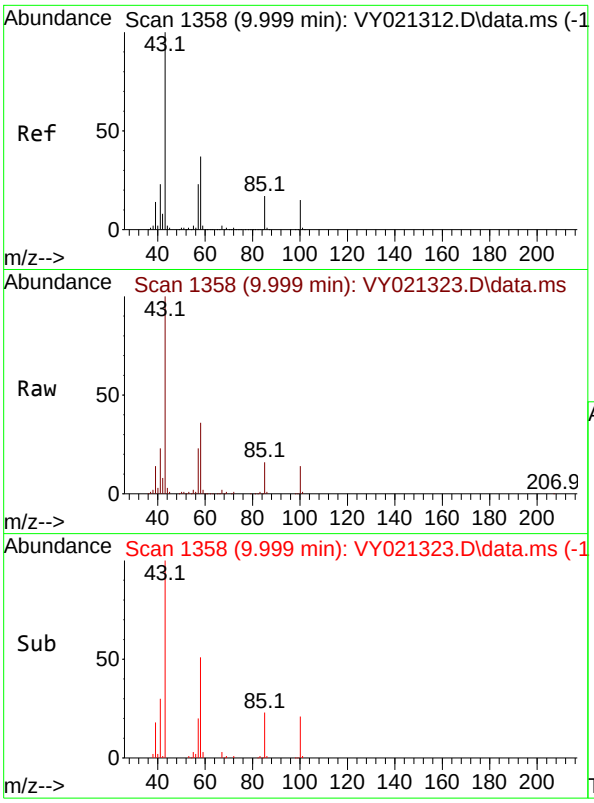


#50
Toluene-d8
Concen: 49.924 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 98 Resp: 369458

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.4	78.6

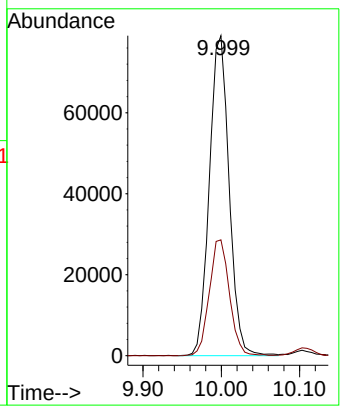




#51
4-Methyl-2-Pentanone
Concen: 97.751 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 43 Resp: 13857

Ion	Ratio	Lower	Upper
43	100		
58	36.9	30.1	45.1



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

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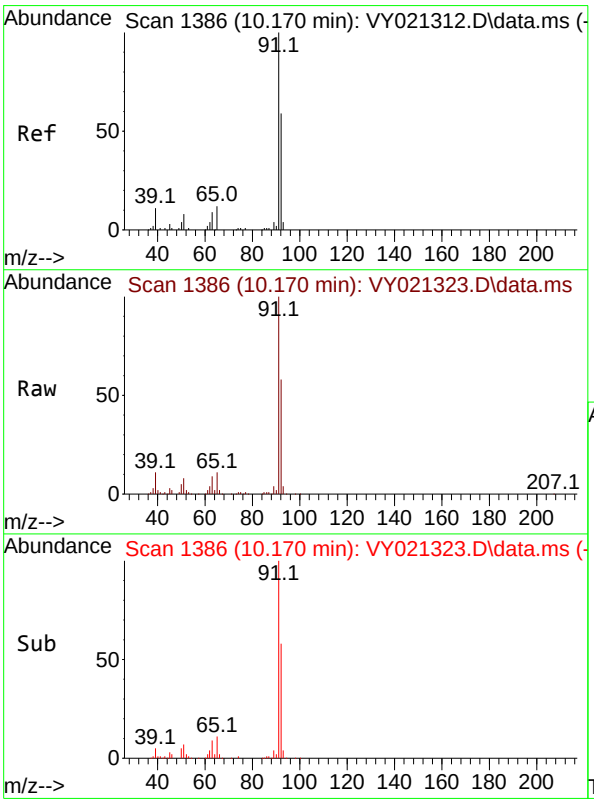
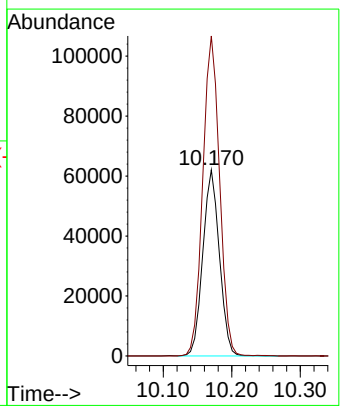
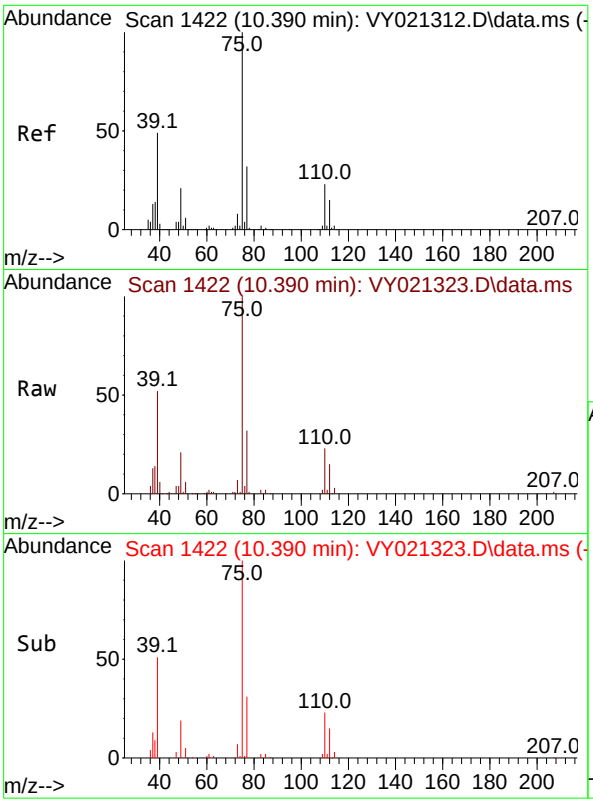


#52
Toluene
Concen: 19.738 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 92 Resp: 104255

Ion	Ratio	Lower	Upper
92	100		
91	174.9	137.8	206.8

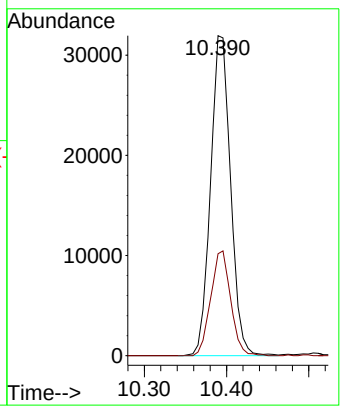




#53
t-1,3-Dichloropropene
Concen: 19.755 ug/l
RT: 10.390 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 75 Resp: 5397

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.3	37.9



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

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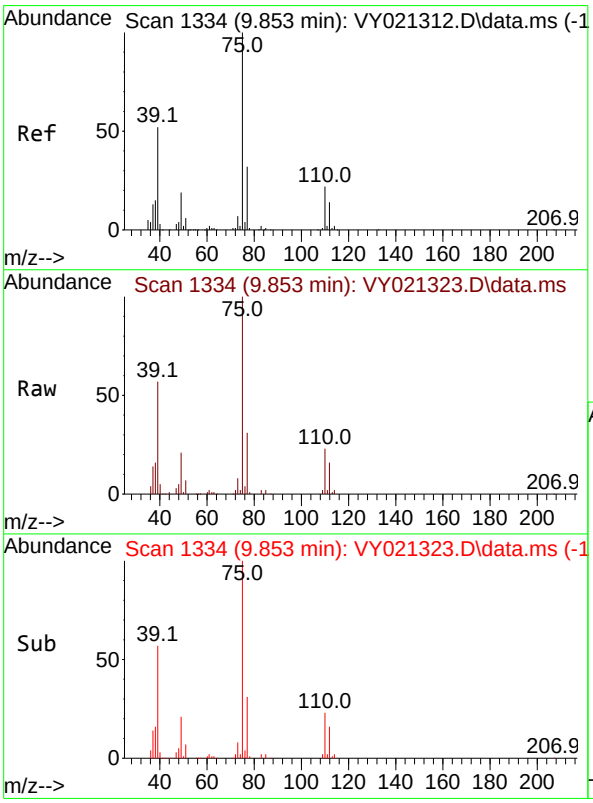
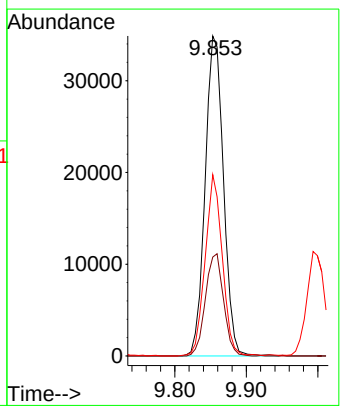
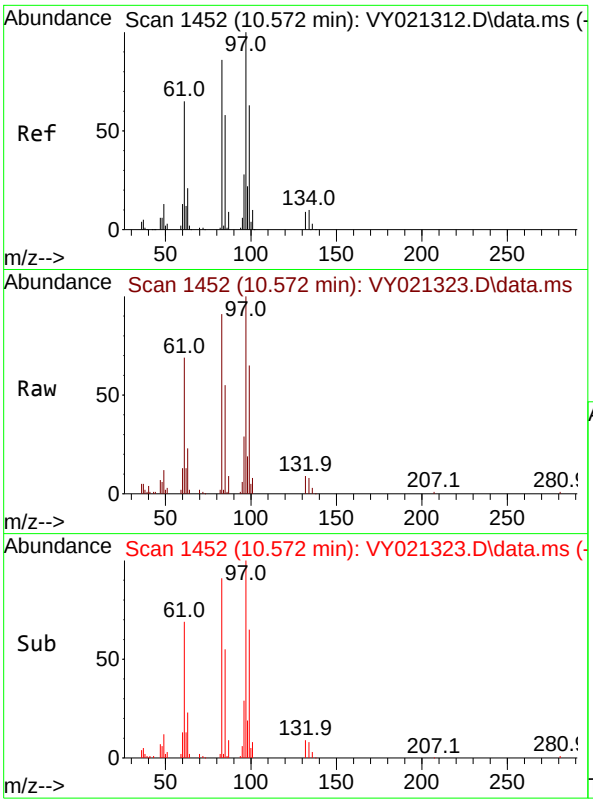


#54
cis-1,3-Dichloropropene
Concen: 19.260 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 75 Resp: 62124

Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.7	38.5
39	56.7	41.8	62.6

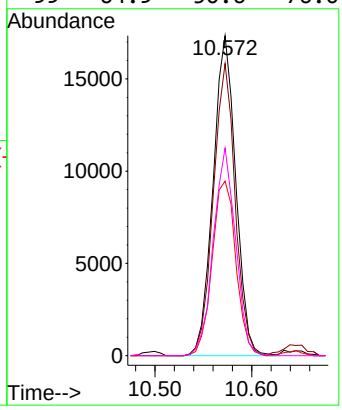




#55
1,1,2-Trichloroethane
Concen: 19.373 ug/l
RT: 10.572 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 97 Resp: 2822

Ion	Ratio	Lower	Upper
97	100		
83	91.3	68.7	103.1
85	54.5	46.3	69.5
99	64.9	50.6	76.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

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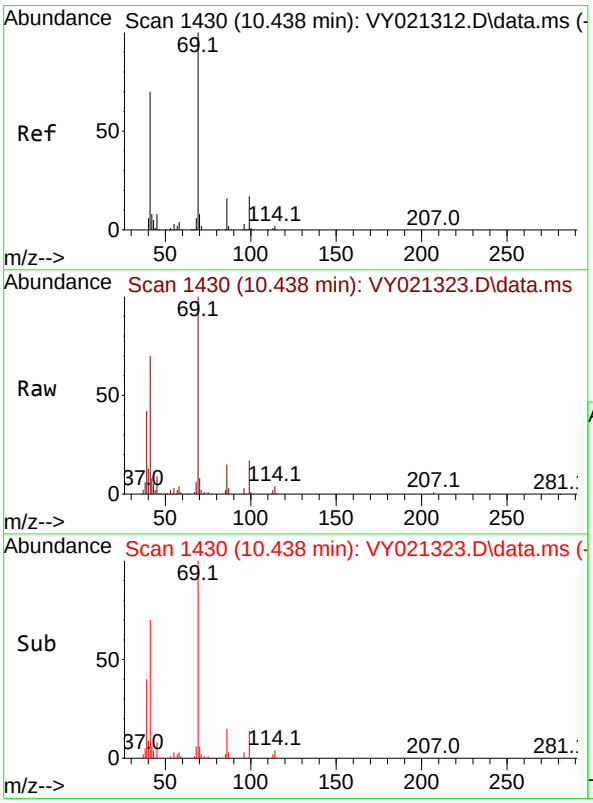
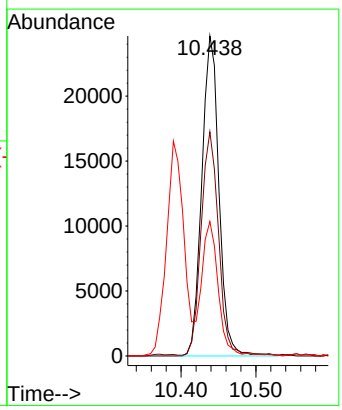
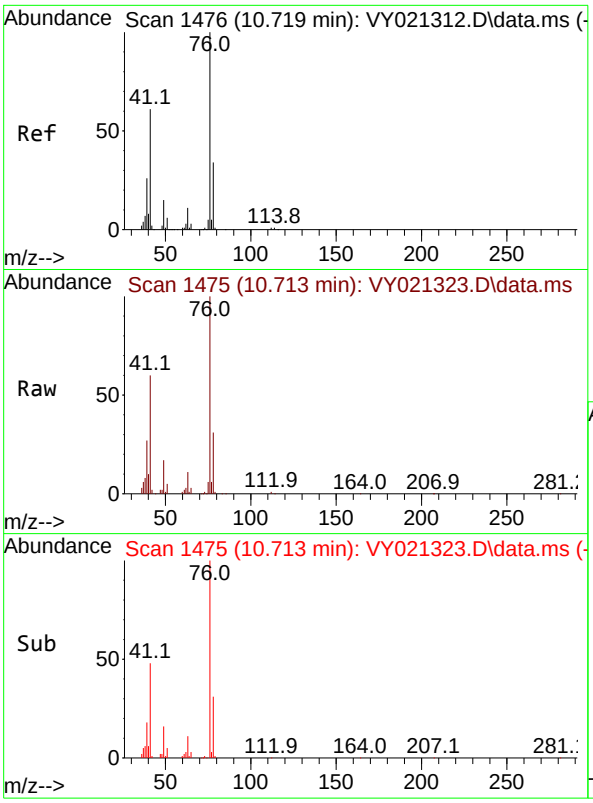


#56
Ethyl methacrylate
Concen: 19.530 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 69 Resp: 39319

Ion	Ratio	Lower	Upper
69	100		
41	70.5	56.2	84.4
39	41.9	32.7	49.1

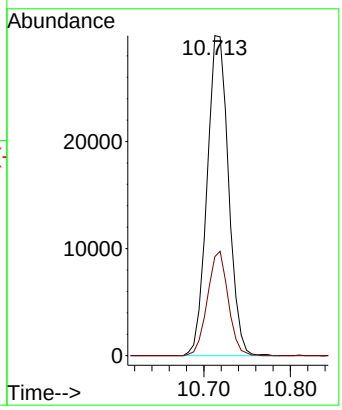




#57
1,3-Dichloropropane
Concen: 20.102 ug/l
RT: 10.713 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 76 Resp: 5139

Ion	Ratio	Lower	Upper
76	100		
78	31.5	25.9	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

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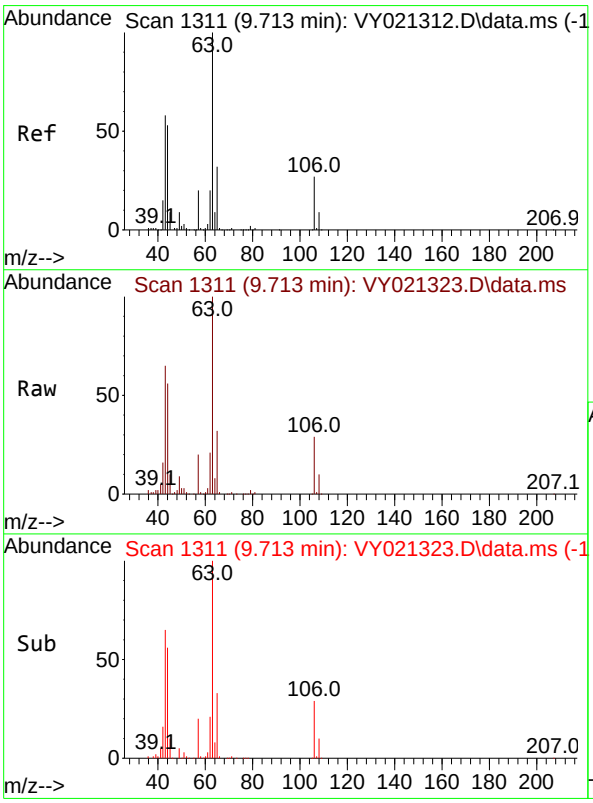
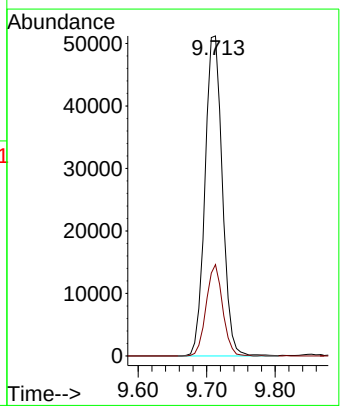
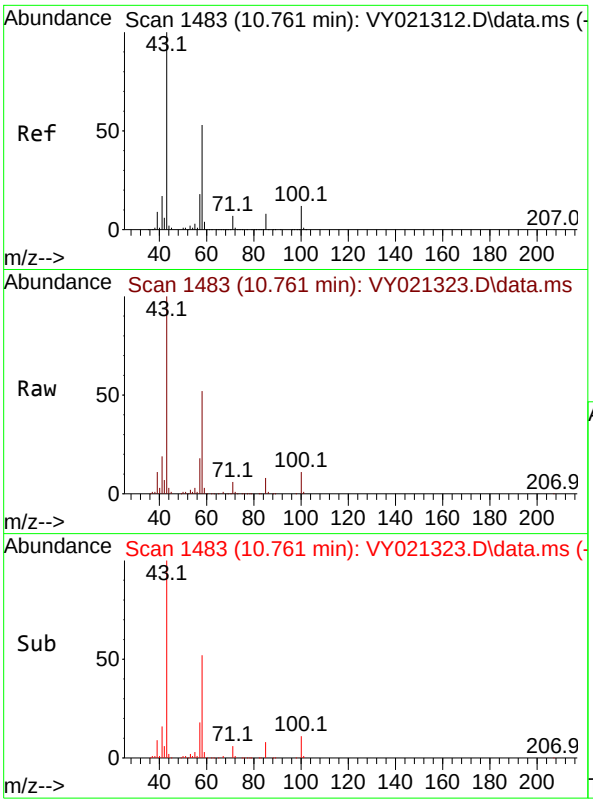


#58
2-Chloroethyl Vinyl ether
Concen: 93.158 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 63 Resp: 90024

Ion	Ratio	Lower	Upper
63	100		
106	27.1	21.7	32.5





#59
2-Hexanone
Concen: 96.524 ug/l
RT: 10.761 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 43 Resp: 8986

Ion	Ratio	Lower	Upper
43	100		
58	52.2	25.9	77.6

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

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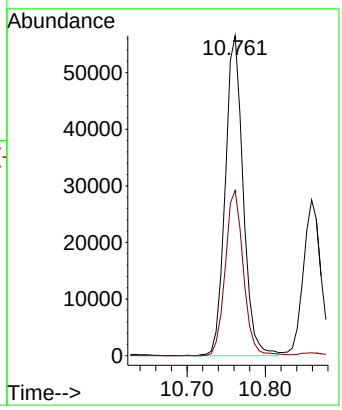
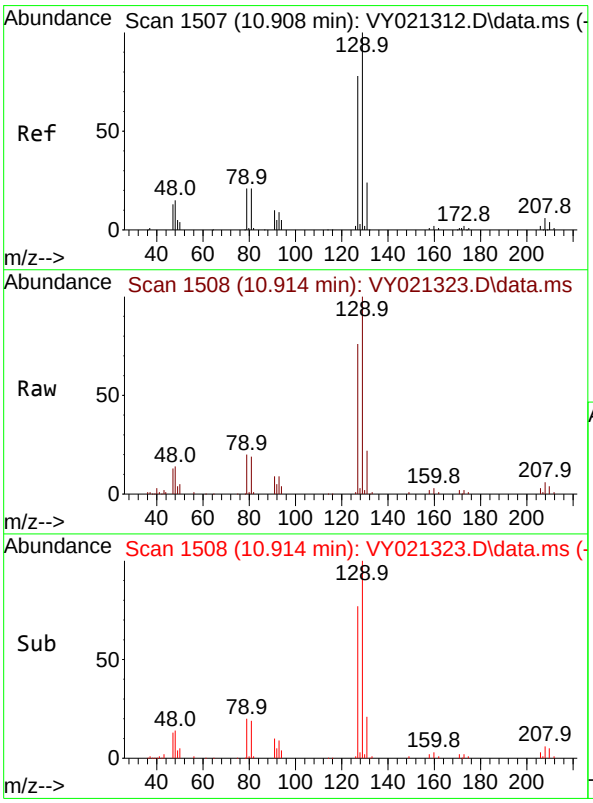
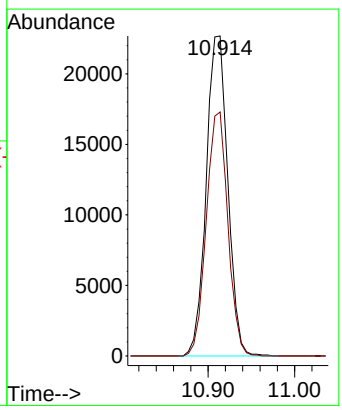


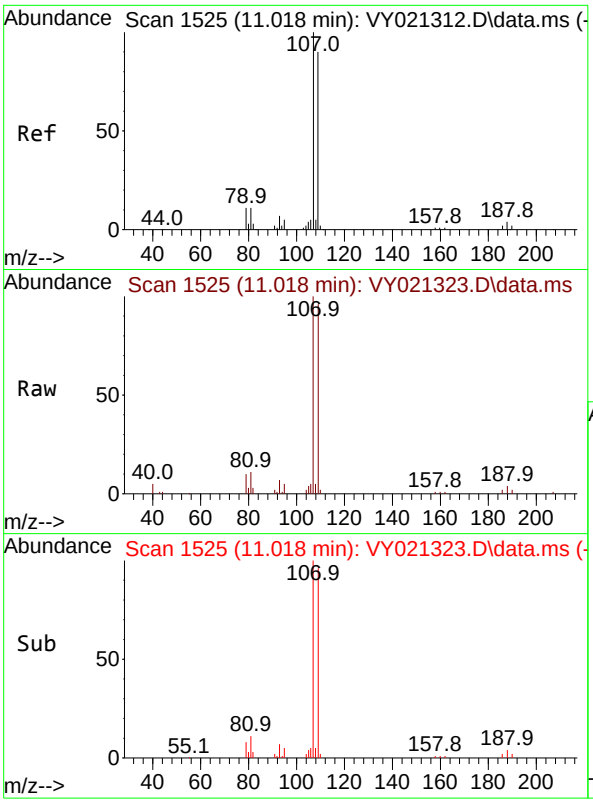


#60
Dibromochloromethane
Concen: 19.790 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:129 Resp: 39272

Ion	Ratio	Lower	Upper
129	100		
127	76.0	38.8	116.4

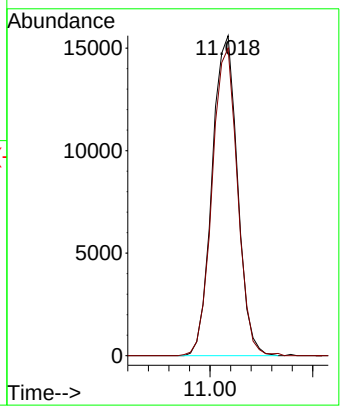




#61
1,2-Dibromoethane
Concen: 19.365 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:107 Resp: 2671

Ion	Ratio	Lower	Upper
107	100		
109	96.3	73.8	110.8



Instrument :
MSVOA_Y
ClientSampleId :
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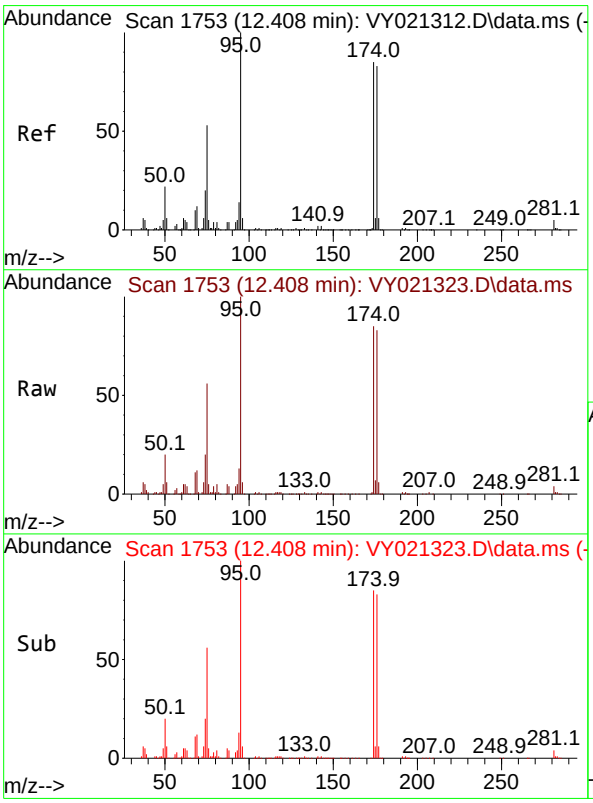
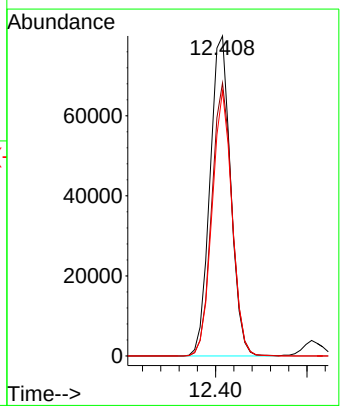
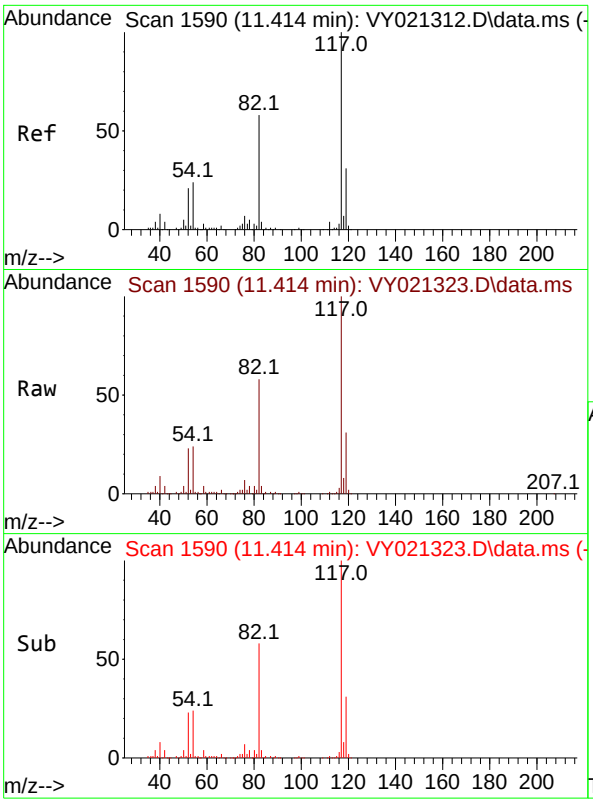


#62
4-Bromofluorobenzene
Concen: 50.271 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 95 Resp: 125203

Ion	Ratio	Lower	Upper
95	100		
174	83.6	0.0	168.0
176	79.9	0.0	162.6

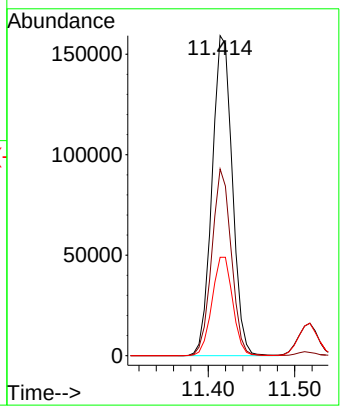




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:117 Resp: 25874

Ion	Ratio	Lower	Upper
117	100		
82	58.3	46.2	69.4
119	30.8	24.9	37.3



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

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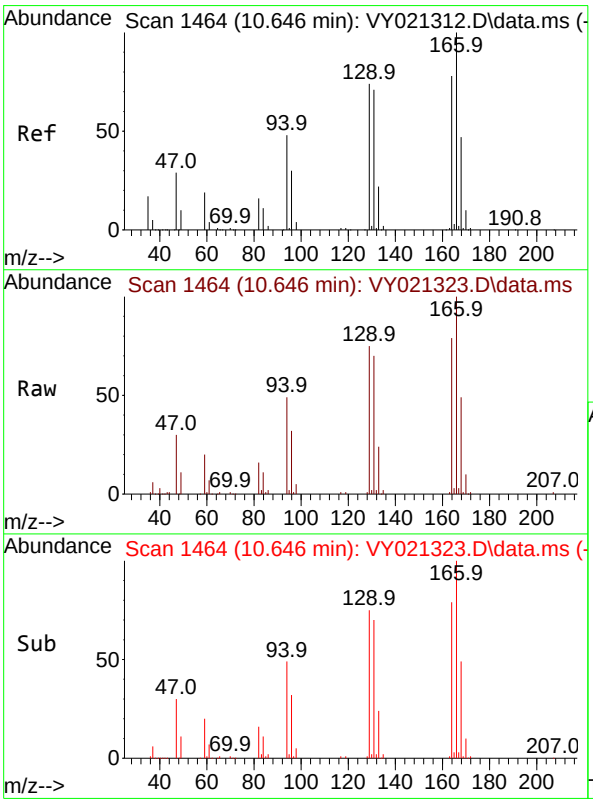
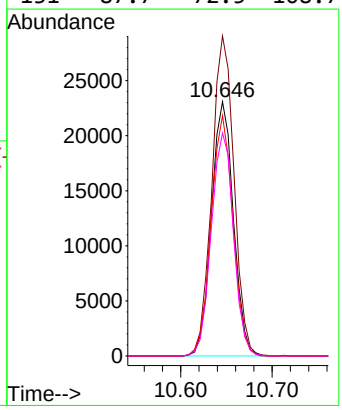
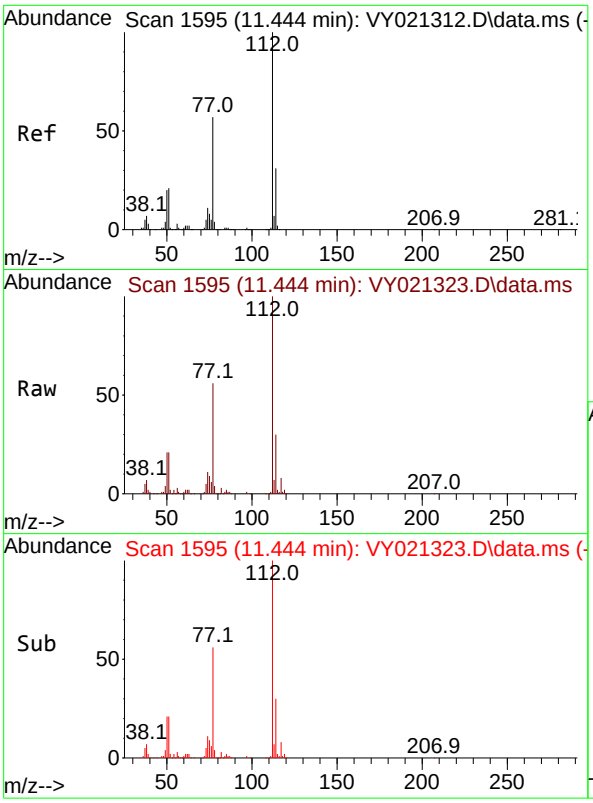


#64
Tetrachloroethene
Concen: 19.682 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:164 Resp: 38493

Ion	Ratio	Lower	Upper
164	100		
166	125.9	101.9	152.9
129	94.6	75.5	113.3
131	87.7	72.5	108.7

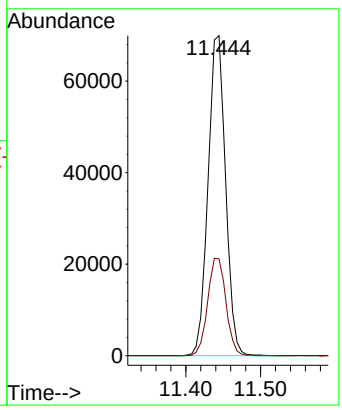




#65
Chlorobenzene
Concen: 19.597 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:112 Resp: 11382

Ion	Ratio	Lower	Upper
112	100		
114	30.3	25.0	37.6



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

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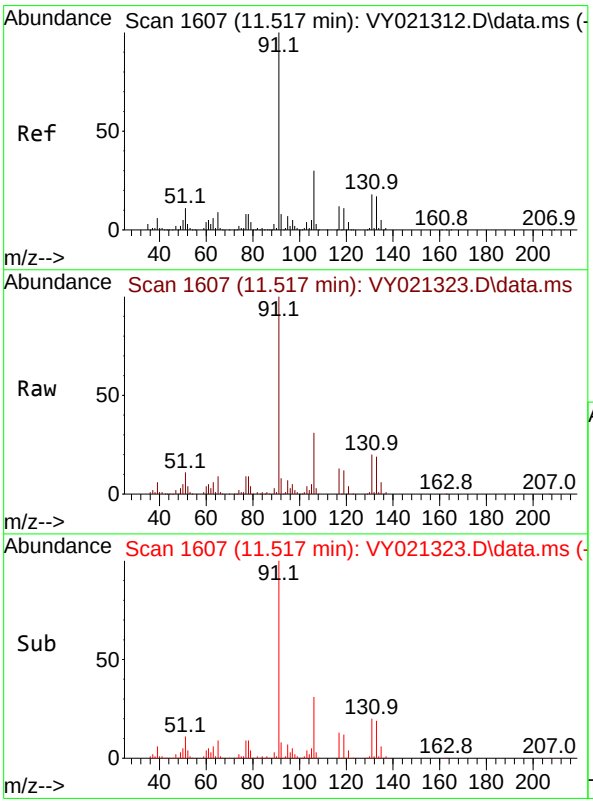
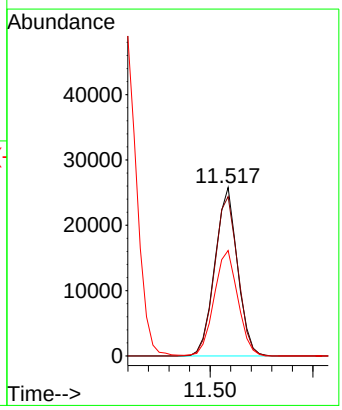
Supervised By :Mahesh Dadoda 02/27/2025

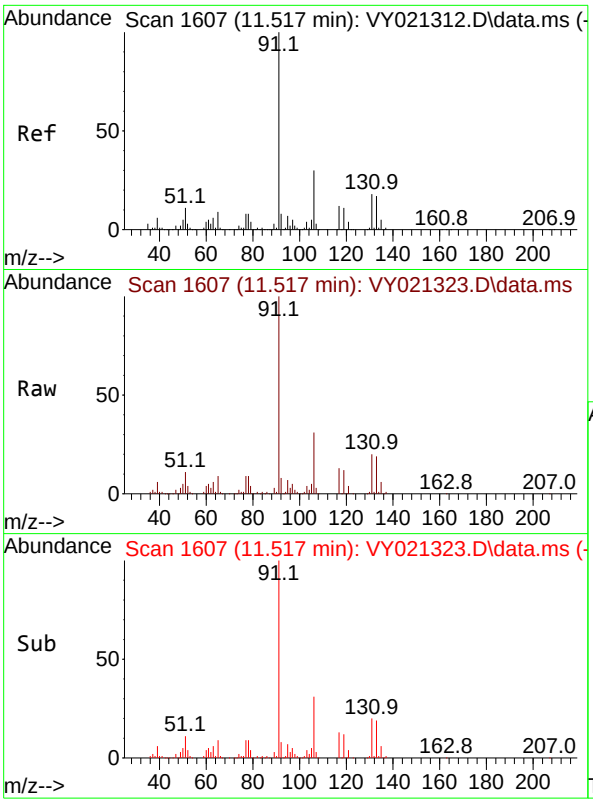


#66
1,1,1,2-Tetrachloroethane
Concen: 19.350 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:131 Resp: 39353

Ion	Ratio	Lower	Upper
131	100		
133	97.7	47.9	143.6
119	65.6	31.7	95.1

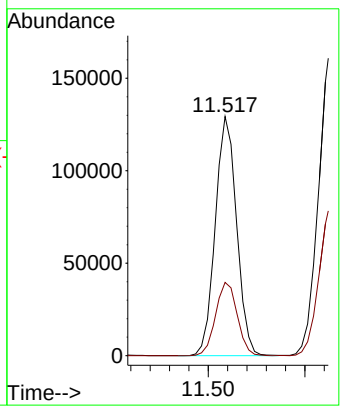




#67
Ethyl Benzene
Concen: 19.225 ug/l
RT: 11.517 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 91 Resp: 19778

Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.4	36.6



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

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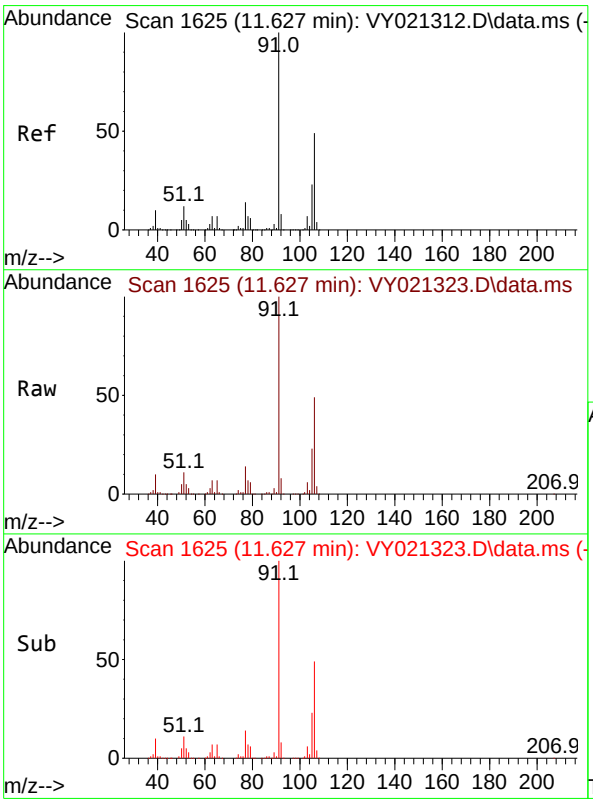
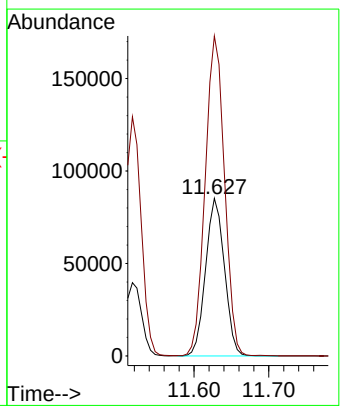
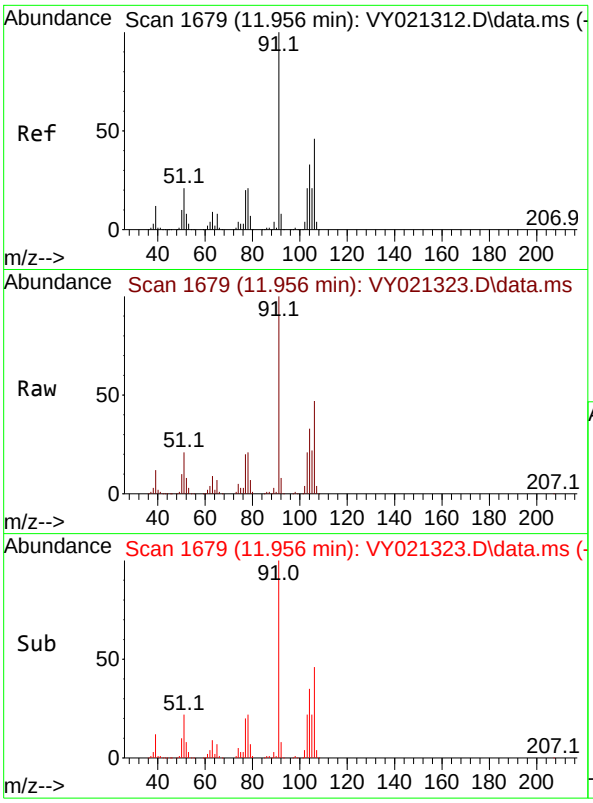


#68
m/p-Xylenes
Concen: 38.593 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:106 Resp: 149341

Ion	Ratio	Lower	Upper
106	100		
91	207.6	163.9	245.9

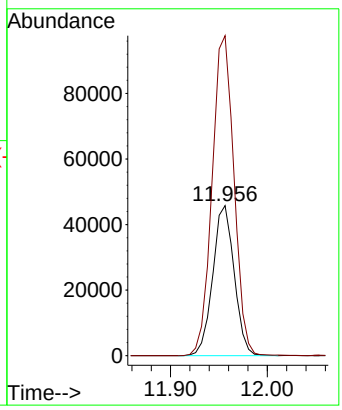




#69
o-Xylene
Concen: 19.444 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:106 Resp: 7048

Ion	Ratio	Lower	Upper
106	100		
91	217.8	108.1	324.2



Instrument :
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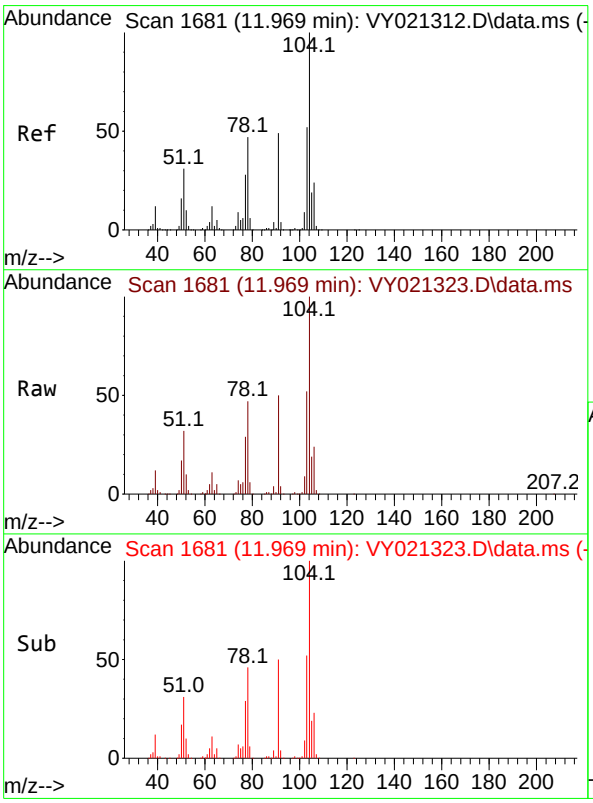
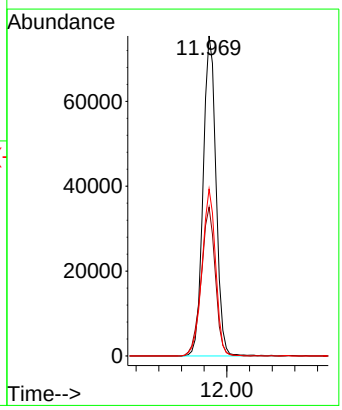
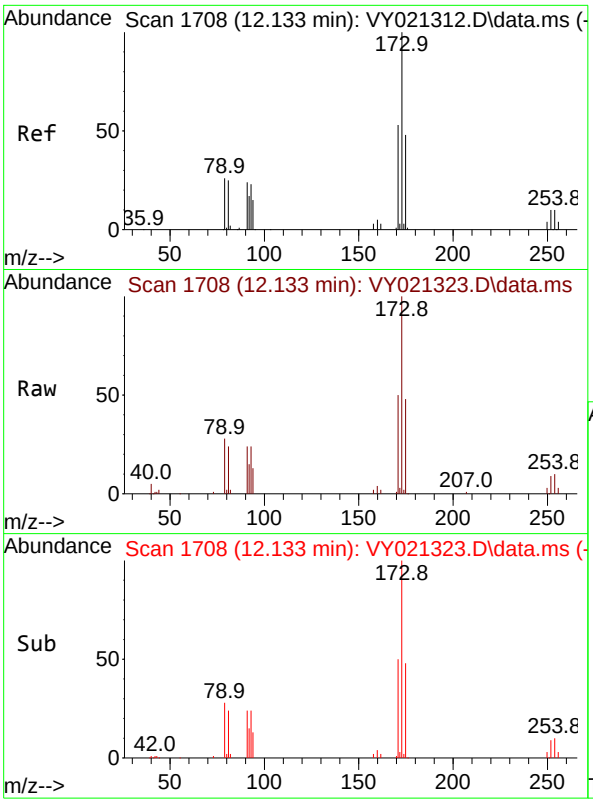


#70
Styrene
Concen: 19.791 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:104 Resp: 119367

Ion	Ratio	Lower	Upper
104	100		
78	50.6	41.3	61.9
103	54.9	43.9	65.9

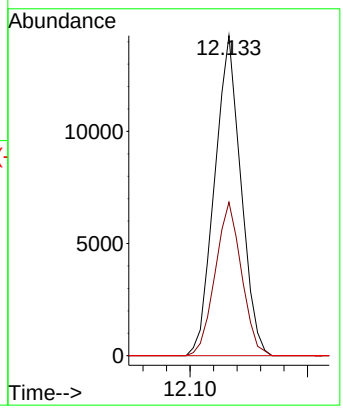




#71
Bromoform
Concen: 19.055 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:173 Resp: 2217

Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.1	72.3
254	0.0	0.1	0.1



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

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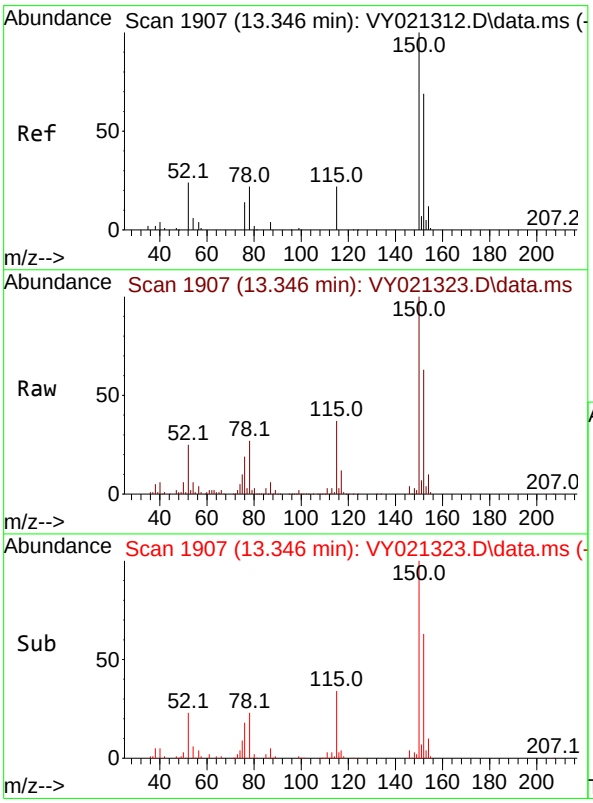
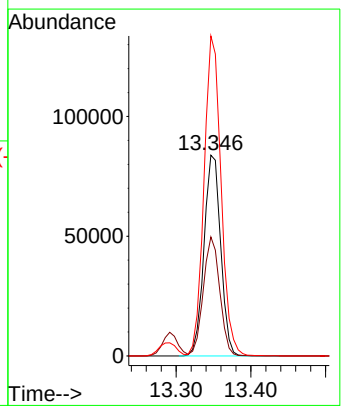
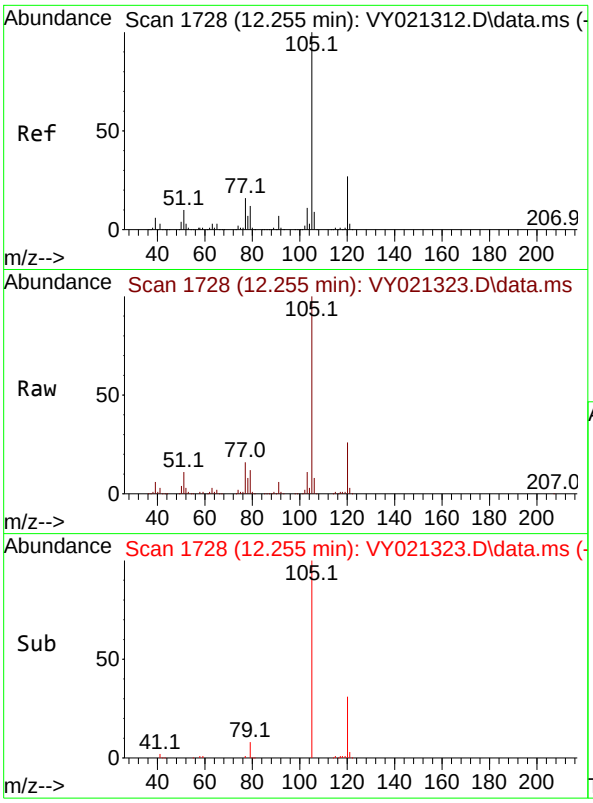


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:152 Resp: 129829

Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.3	88.0
150	162.9	0.0	347.4

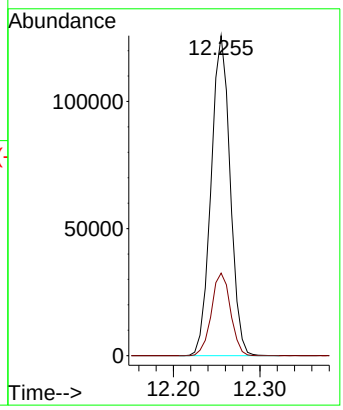




#73
Isopropylbenzene
Concen: 19.688 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:105 Resp: 19216

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.3	39.8



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

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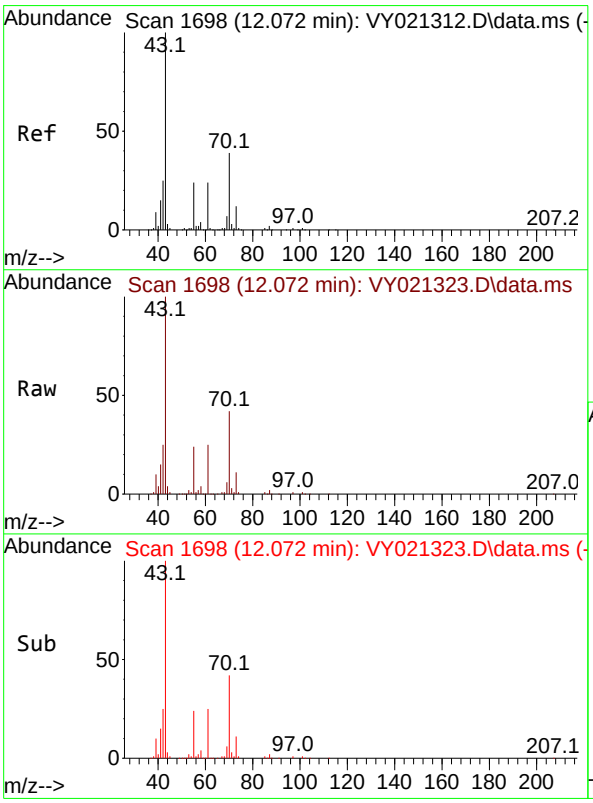
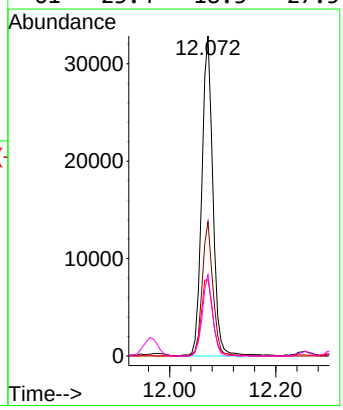
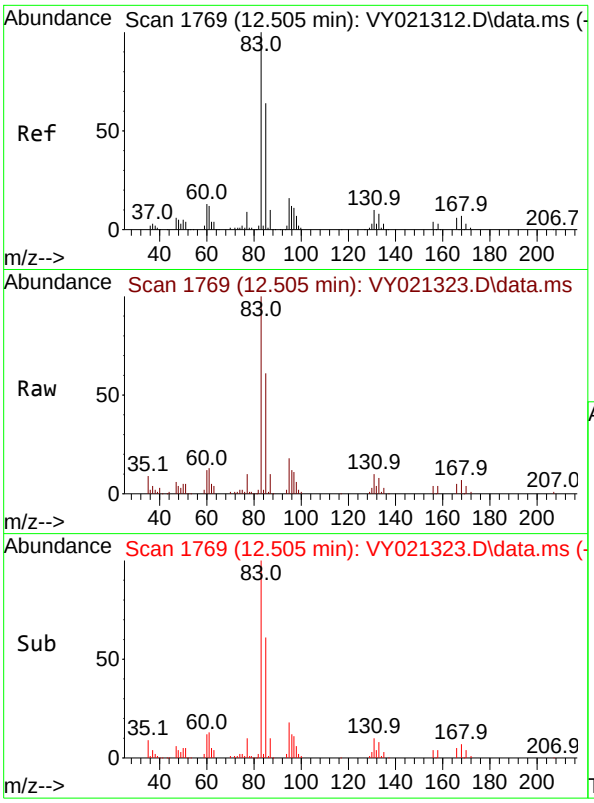


#74
N-amyl acetate
Concen: 19.319 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 43 Resp: 47929

Ion	Ratio	Lower	Upper
43	100		
70	40.2	32.2	48.2
55	25.5	19.6	29.4
61	23.4	18.3	27.5

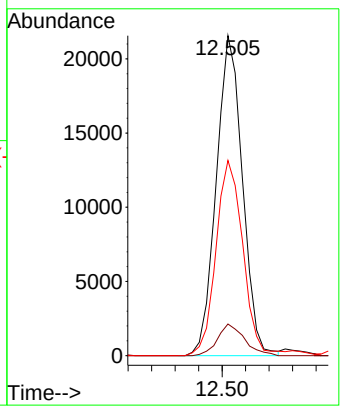




#75
1,1,2,2-Tetrachloroethane
Concen: 19.410 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 83 Resp: 3343

Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.2	15.6
85	63.6	32.0	96.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

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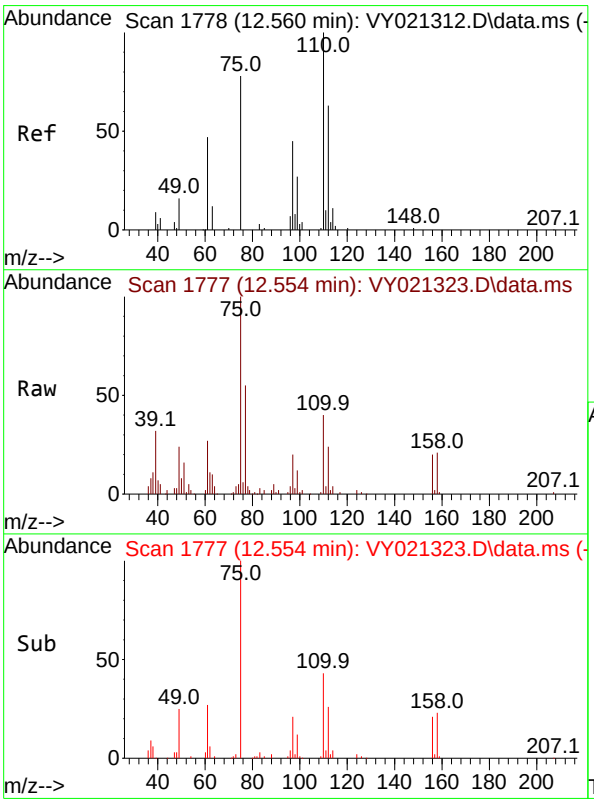
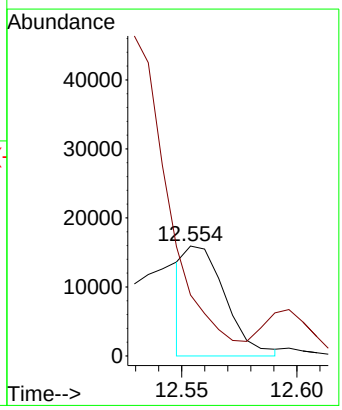
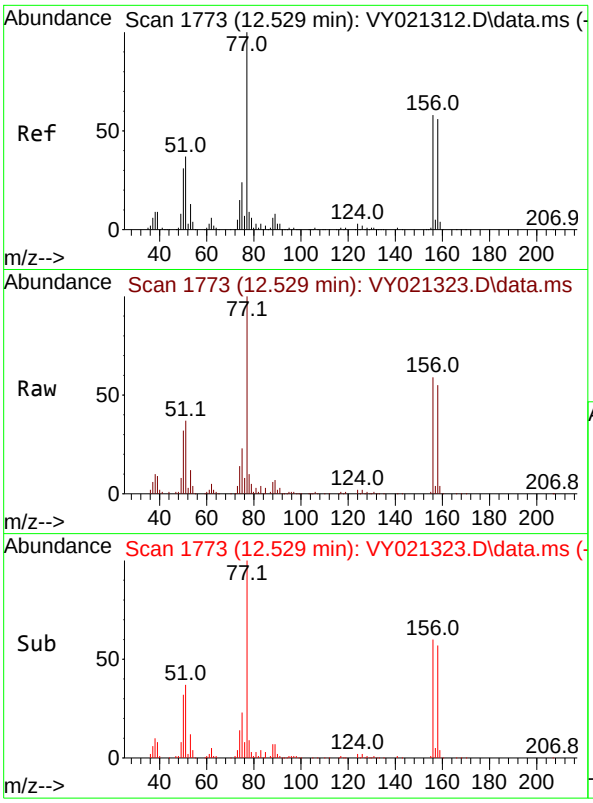


#76
1,2,3-Trichloropropane
Concen: 14.886 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 75 Resp: 19345

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

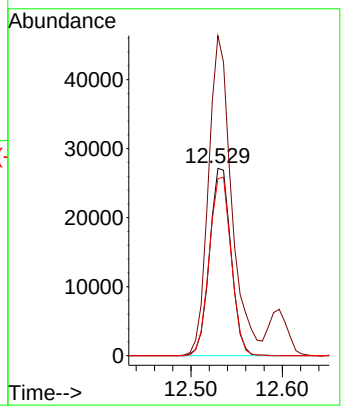




#77
Bromobenzene
Concen: 19.442 ug/l
RT: 12.529 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:156 Resp: 4413

Ion	Ratio	Lower	Upper
156	100		
77	185.1	94.0	282.1
158	97.5	48.7	146.1



Instrument :
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ClientSampleId :
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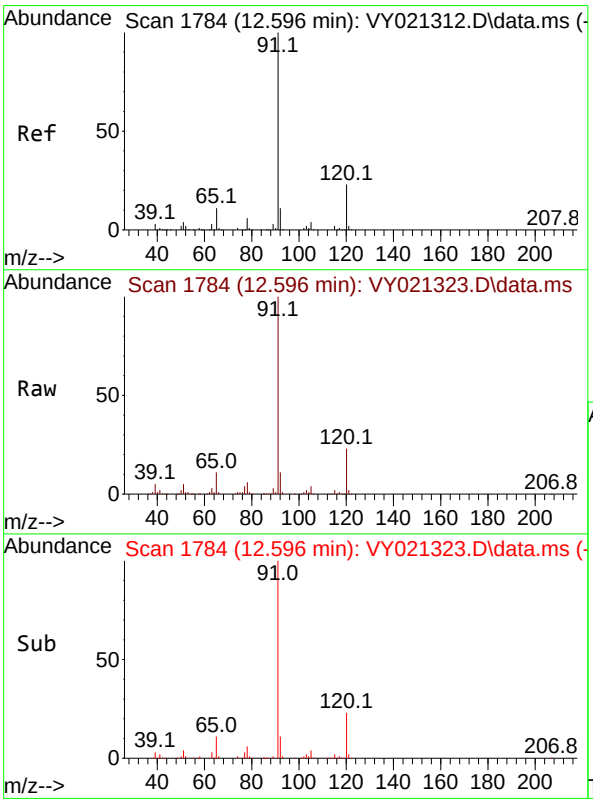
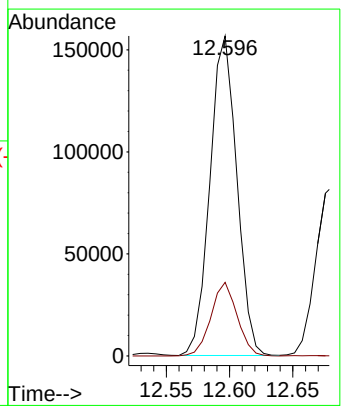
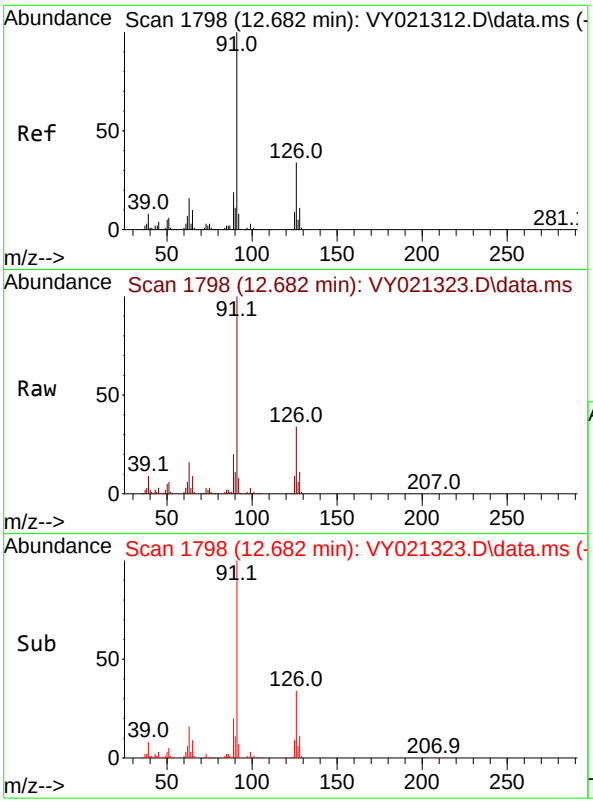


#78
n-propylbenzene
Concen: 19.547 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 91 Resp: 231519

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.2	33.5

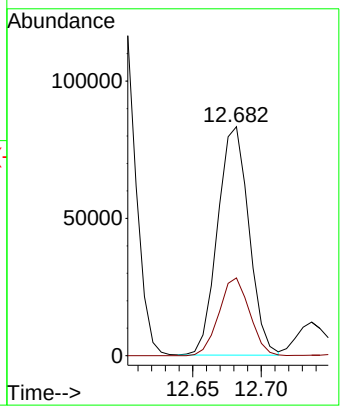




#79
2-Chlorotoluene
Concen: 19.457 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 91 Resp: 13225

Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.9	50.6



Instrument :
MSVOA_Y
ClientSampleId :
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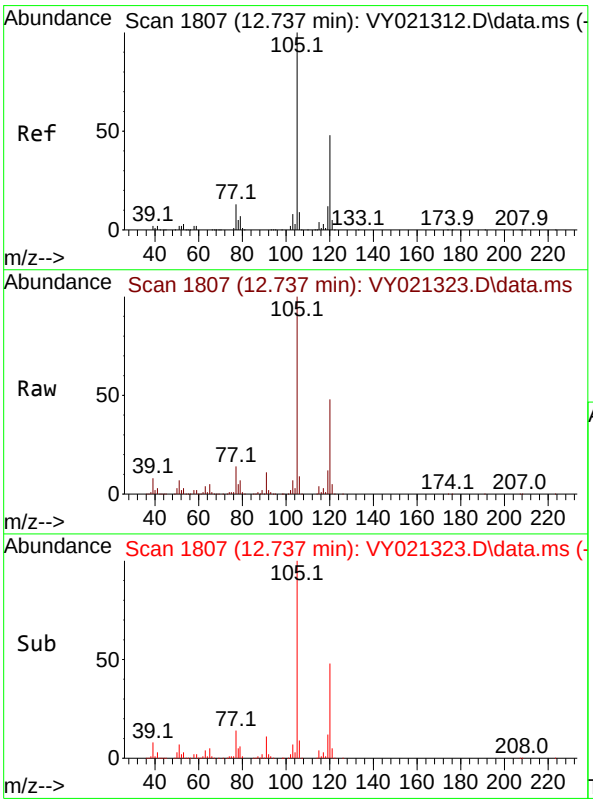
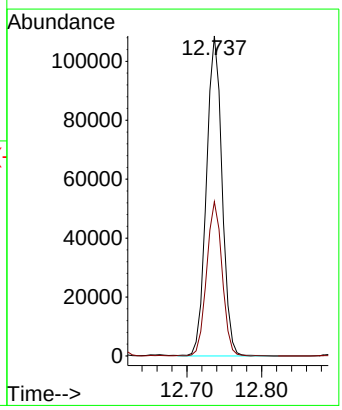
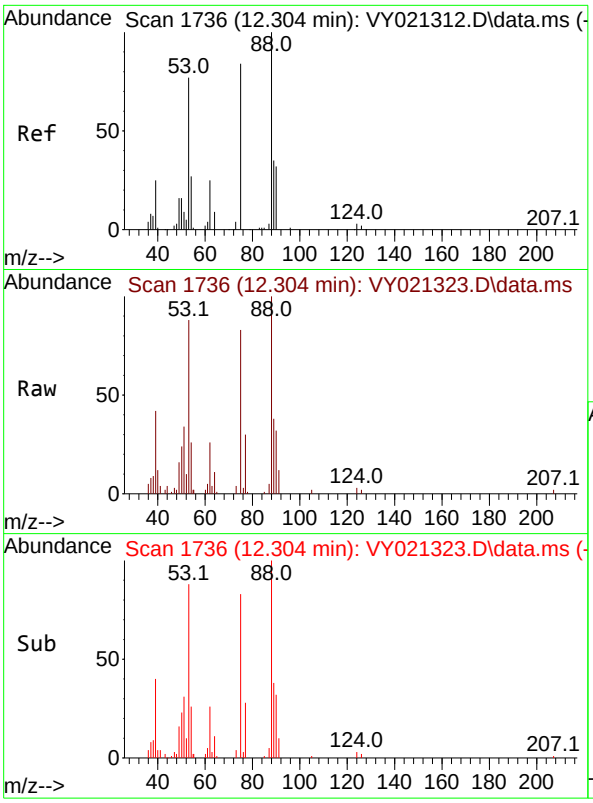


#80
1,3,5-Trimethylbenzene
Concen: 19.706 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:105 Resp: 157749

Ion	Ratio	Lower	Upper
105	100		
120	47.8	24.3	73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 18.445 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 75 Resp: 1078

Ion	Ratio	Lower	Upper
75	100		
53	105.0	79.1	118.7
89	45.4	35.6	53.4

Instrument :
MSVOA_Y
ClientSampleId :
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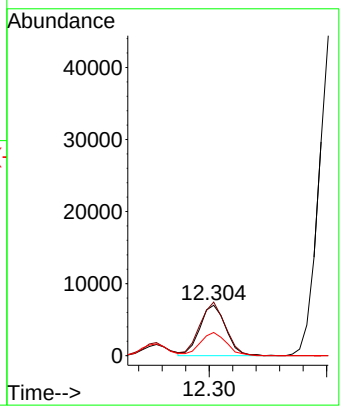
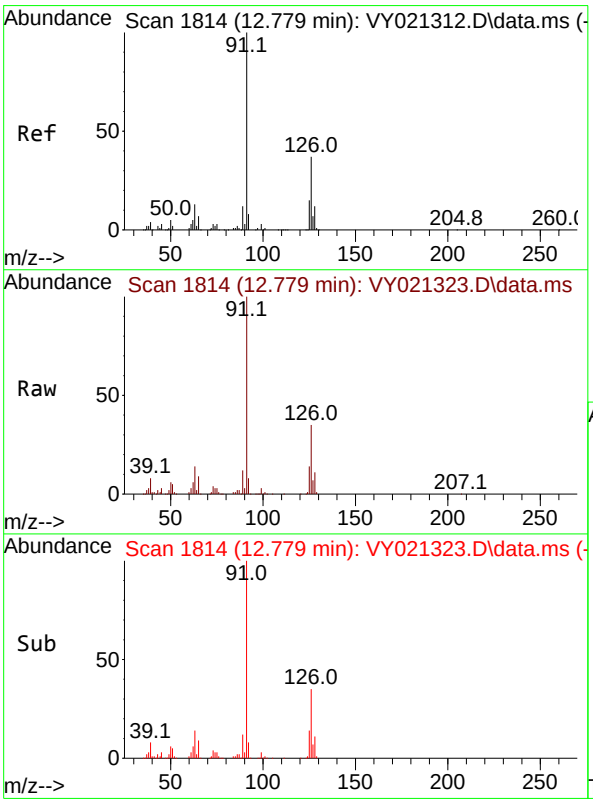
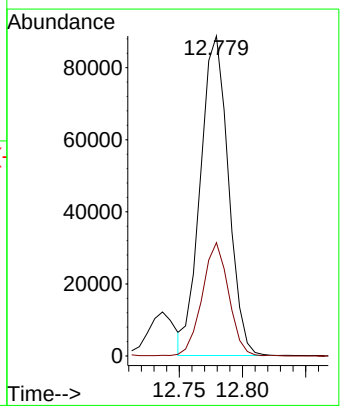


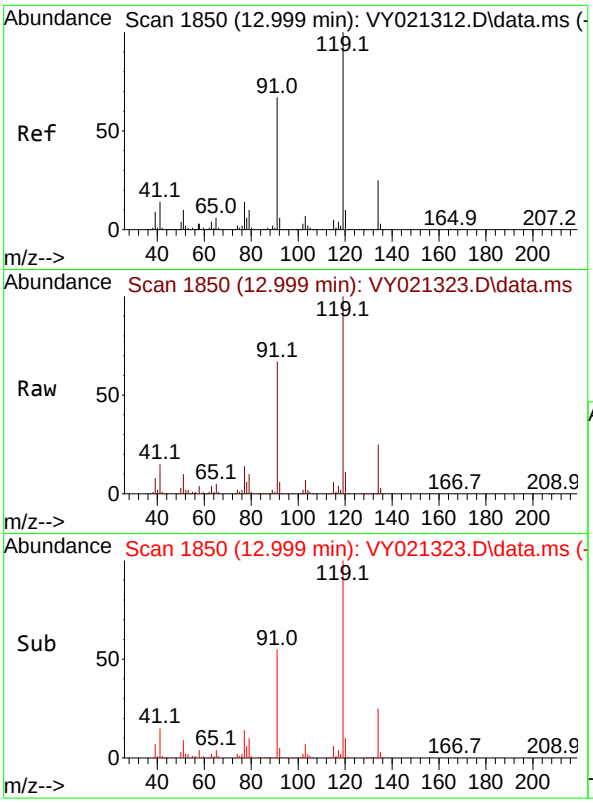


#82
4-Chlorotoluene
Concen: 19.394 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 91 Resp: 136654

Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.8	50.4

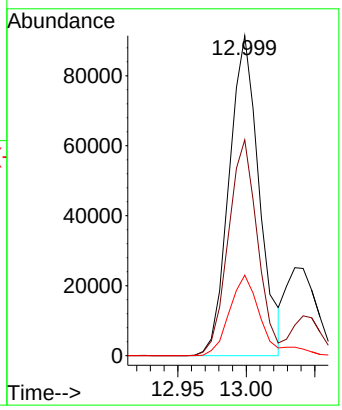




#83
tert-Butylbenzene
Concen: 19.288 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:119 Resp: 13947

Ion	Ratio	Lower	Upper
119	100		
91	65.4	32.7	98.1
134	26.7	13.3	39.9



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

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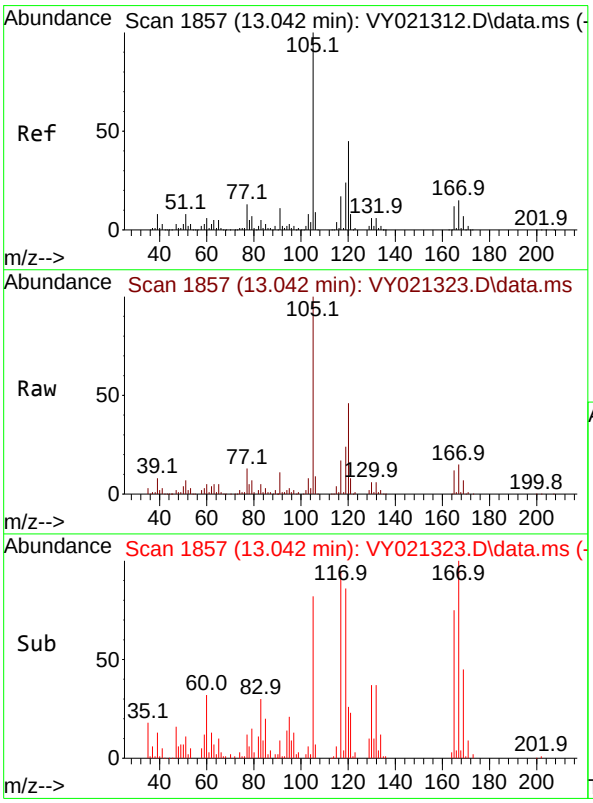
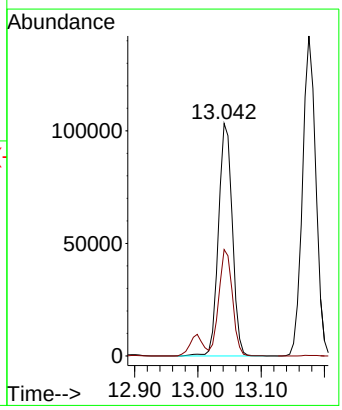
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

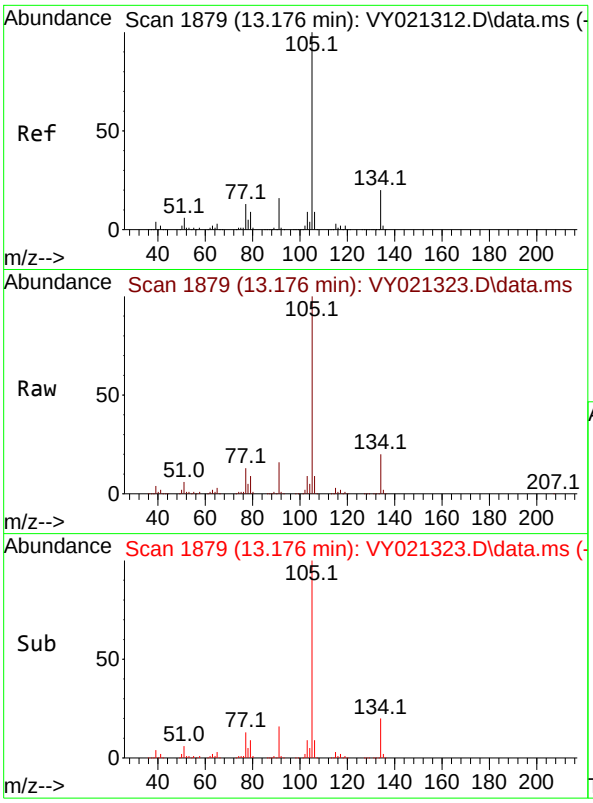


#84
1,2,4-Trimethylbenzene
Concen: 19.655 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:105 Resp: 156482

Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.4	67.3

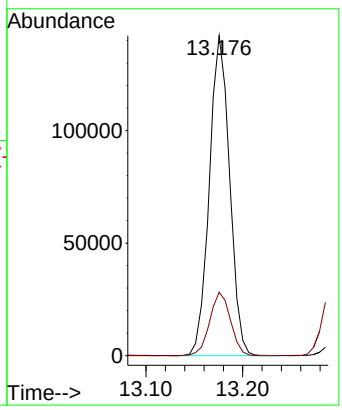




#85
sec-Butylbenzene
Concen: 19.613 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:105 Resp: 20716

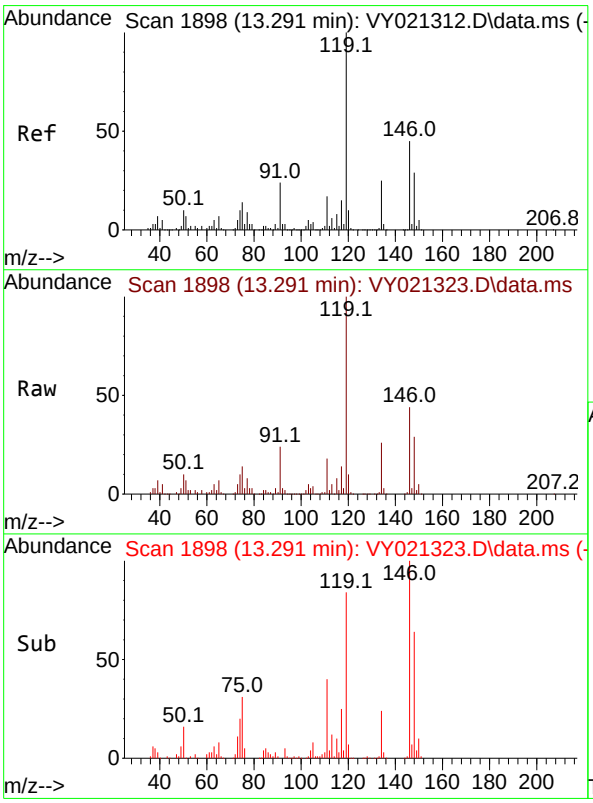
Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.0	30.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Manual Integrations
APPROVED

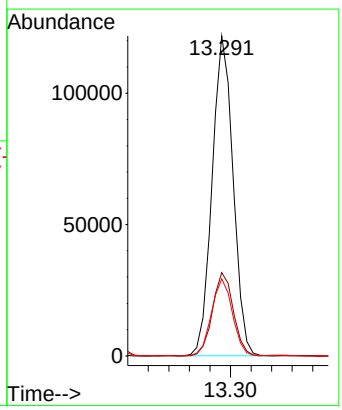
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

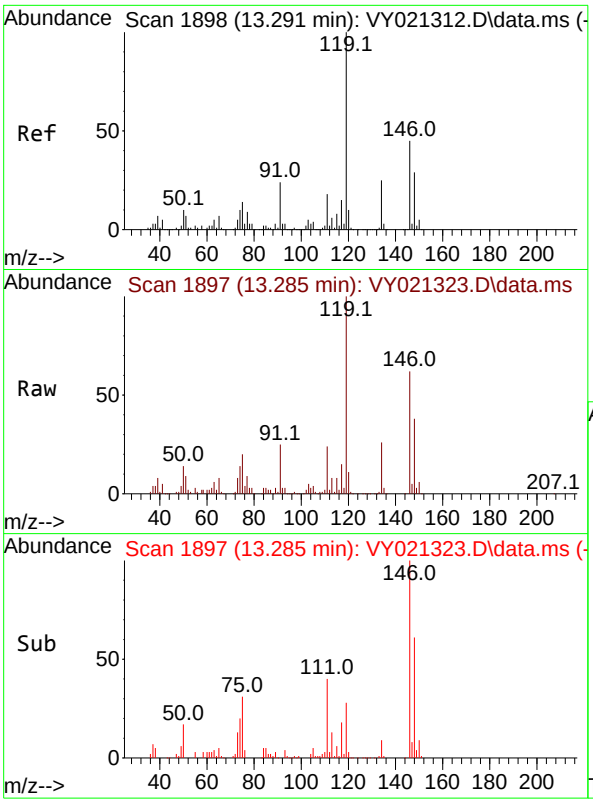


#86
p-Isopropyltoluene
Concen: 19.534 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:119 Resp: 172280

Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.0	38.9
91	24.2	12.0	36.1

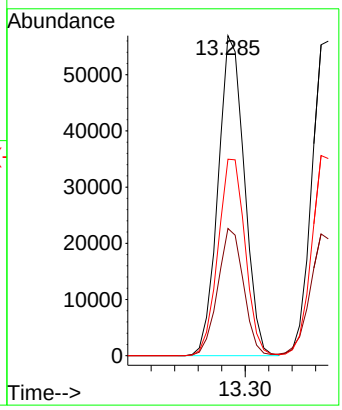




#87
1,3-Dichlorobenzene
Concen: 19.668 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:146 Resp: 8832

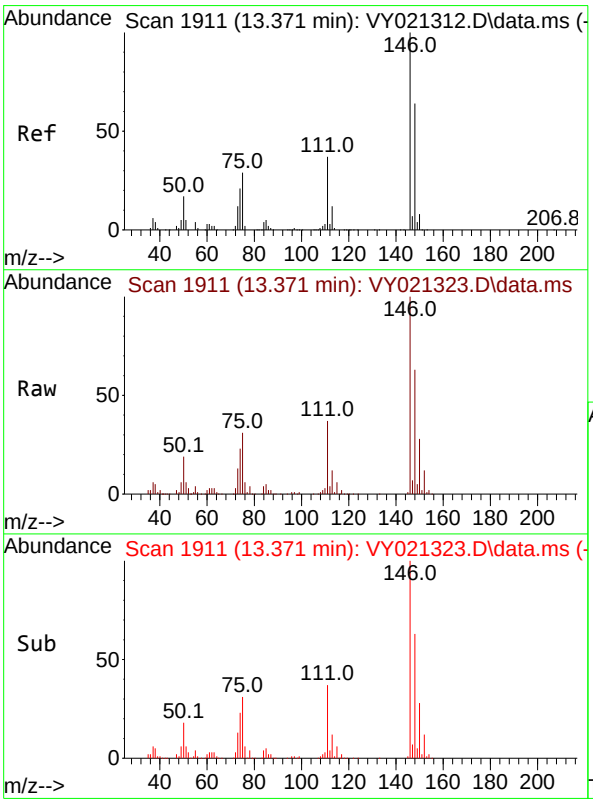
Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.0	59.9
148	63.4	31.9	95.9



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Manual Integrations
APPROVED

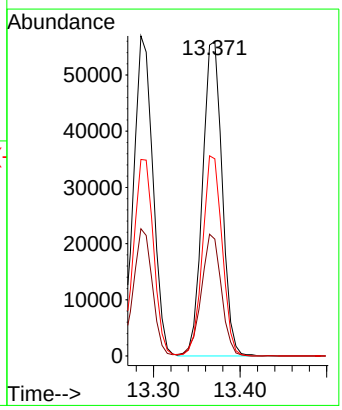
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

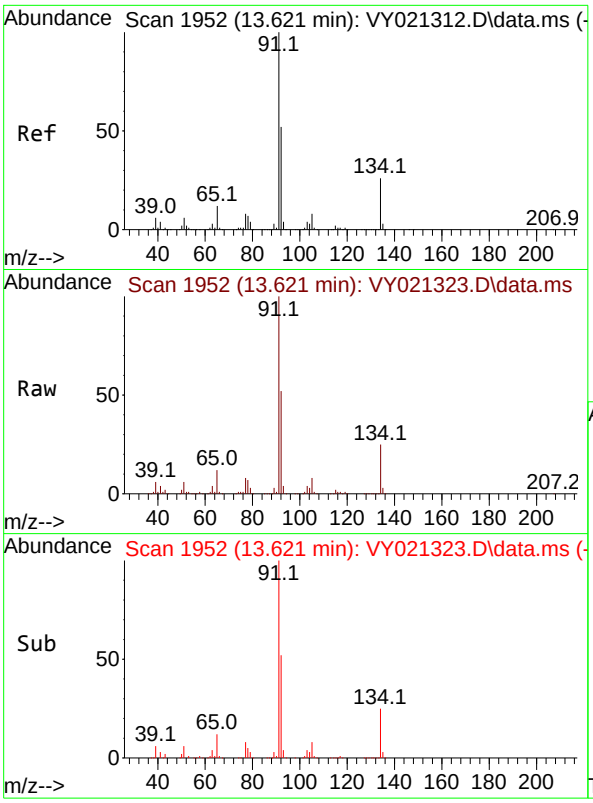


#88
1,4-Dichlorobenzene
Concen: 19.784 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:146 Resp: 87772

Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.5	58.5
148	63.7	32.0	96.2

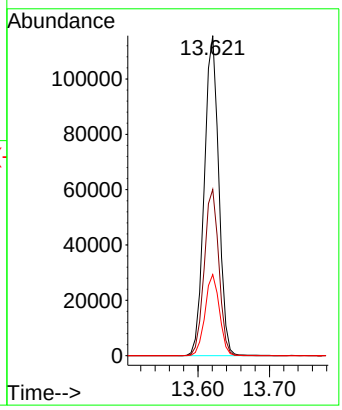




#89
n-Butylbenzene
Concen: 19.527 ug/l
RT: 13.621 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 91 Resp: 16207

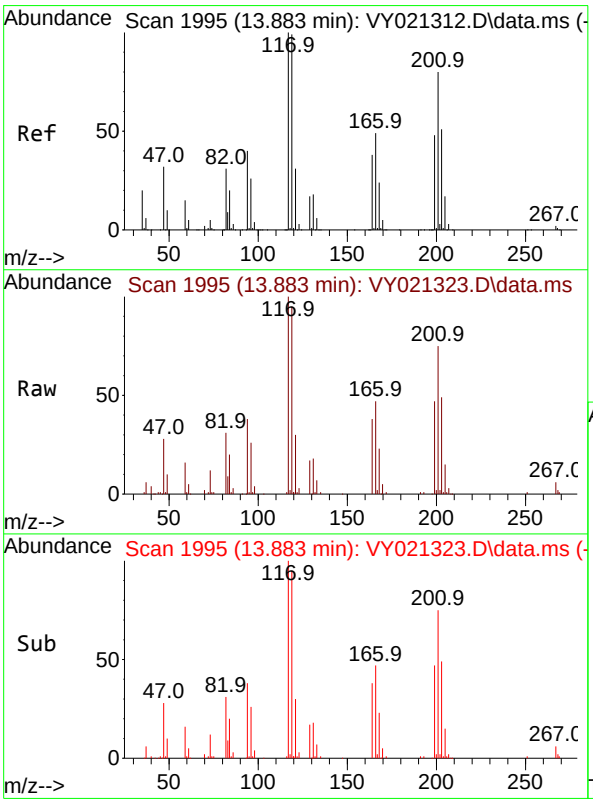
Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.4	79.2
134	25.3	12.7	38.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Manual Integrations
APPROVED

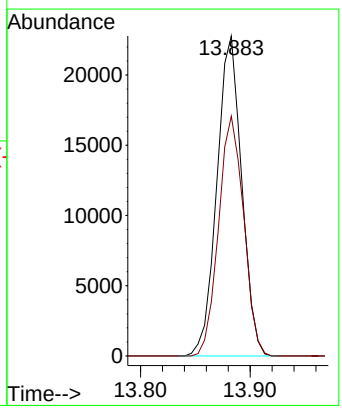
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

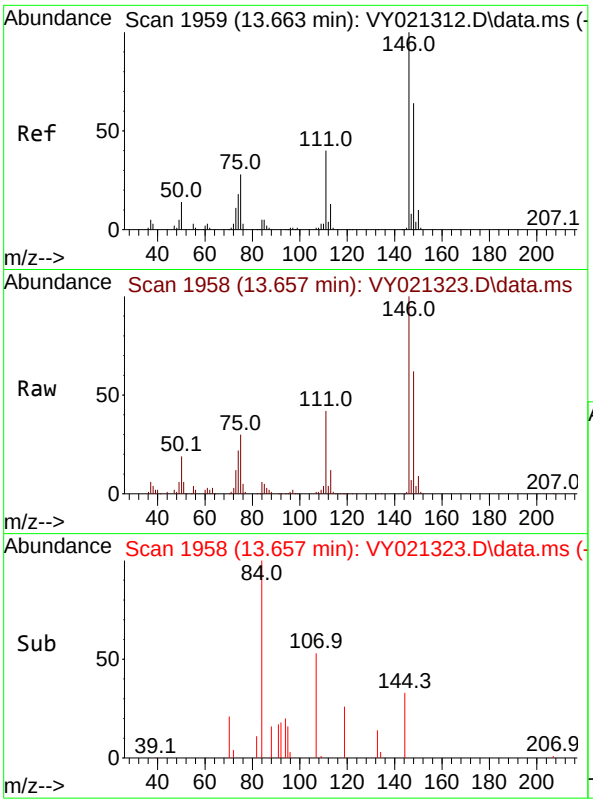


#90
Hexachloroethane
Concen: 19.411 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:117 Resp: 35761

Ion	Ratio	Lower	Upper
117	100		
201	75.8	38.4	115.2

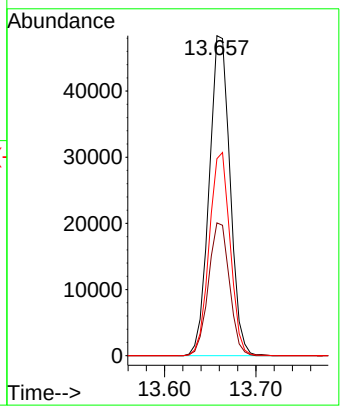




#91
1,2-Dichlorobenzene
Concen: 19.457 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:146 Resp: 7655

Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.7	62.1
148	63.5	31.7	95.1



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Manual Integrations
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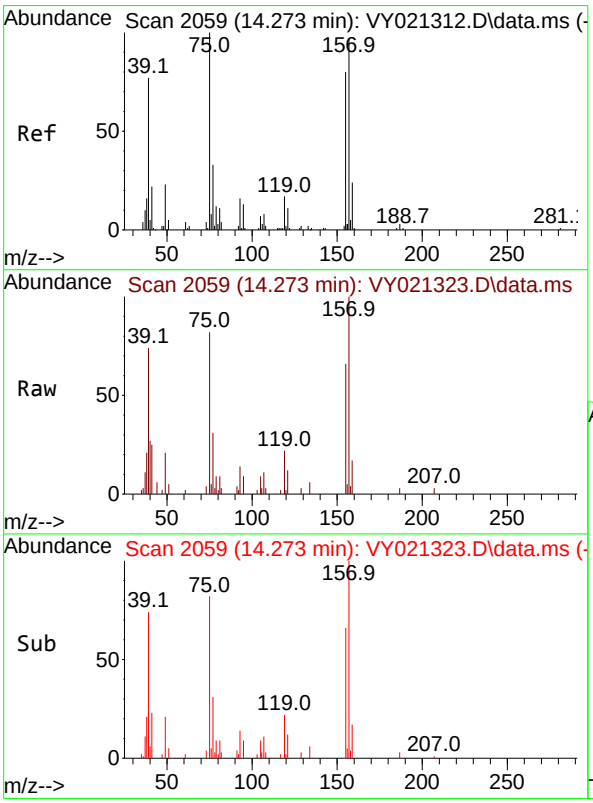
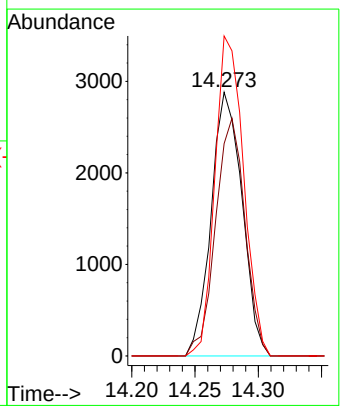
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

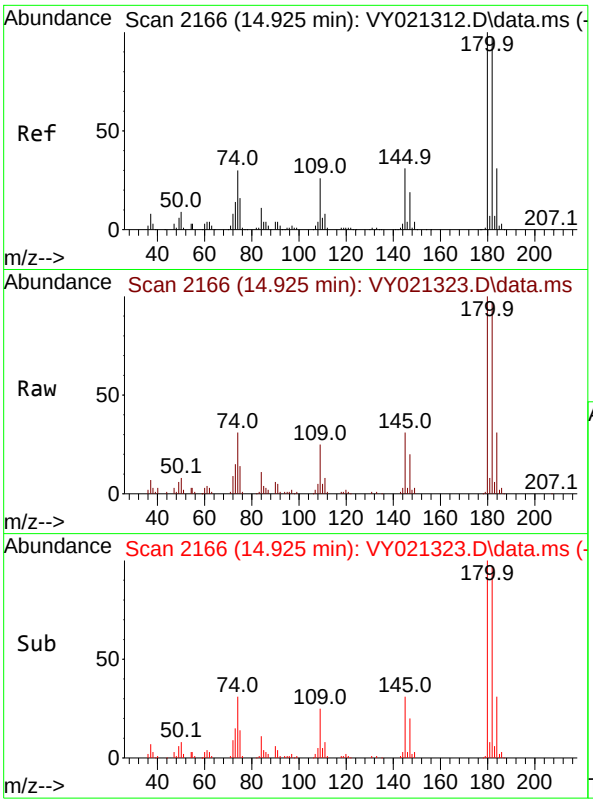


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.963 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 75 Resp: 4895

Ion	Ratio	Lower	Upper
75	100		
155	85.7	41.9	125.6
157	112.6	52.5	157.6

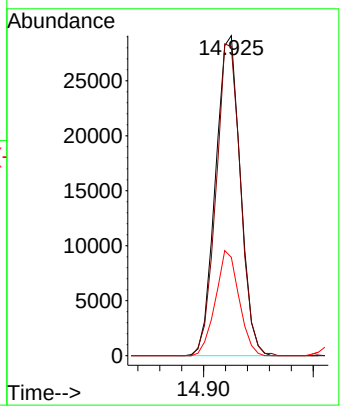




#93
1,2,4-Trichlorobenzene
Concen: 19.047 ug/l
RT: 14.925 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:180 Resp: 4574

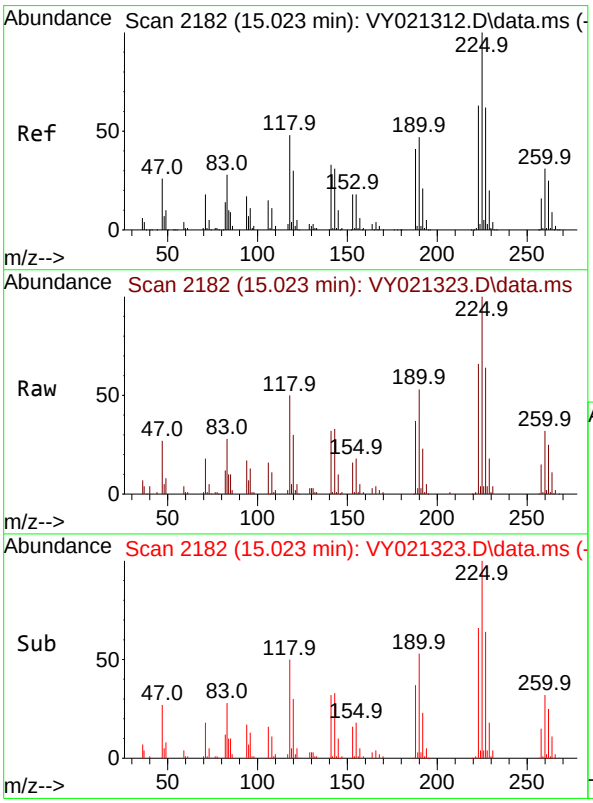
Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.9	143.7
145	31.2	15.6	46.8



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Manual Integrations
APPROVED

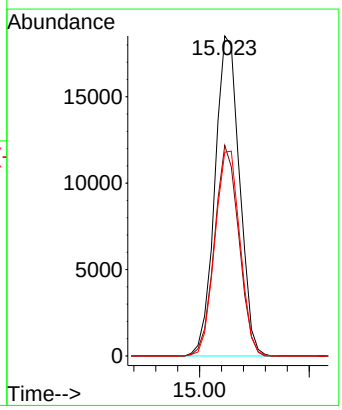
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

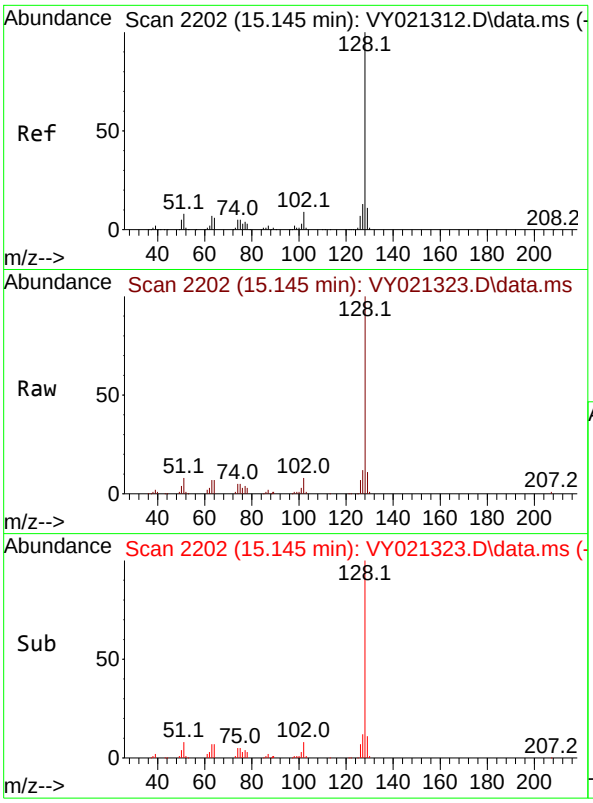


#94
Hexachlorobutadiene
Concen: 19.115 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:225 Resp: 28899

Ion	Ratio	Lower	Upper
225	100		
223	64.8	31.8	95.4
227	65.4	31.9	95.7

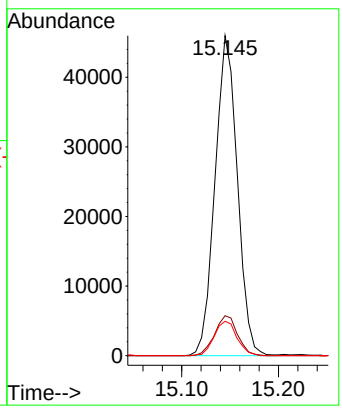




#95
Naphthalene
Concen: 18.532 ug/l
RT: 15.145 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:128 Resp: 7371

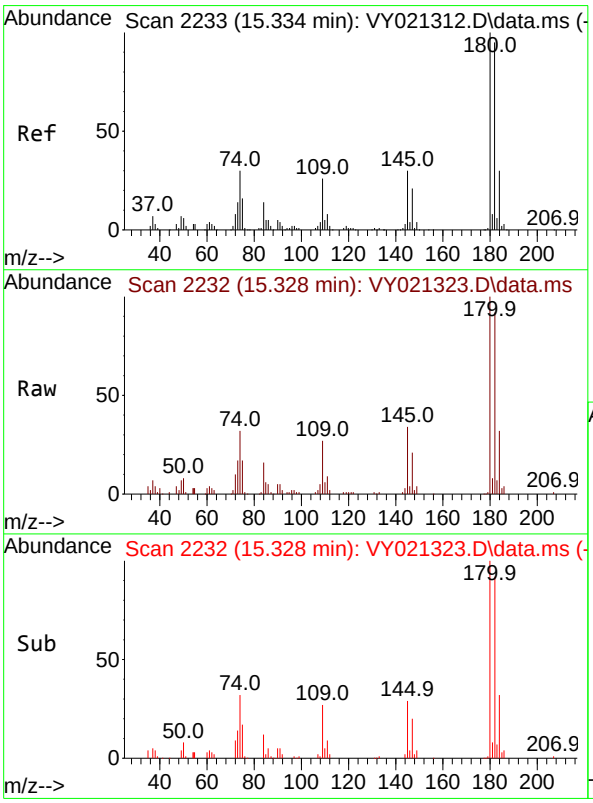
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	11.0	8.5	12.7



Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Manual Integrations
APPROVED

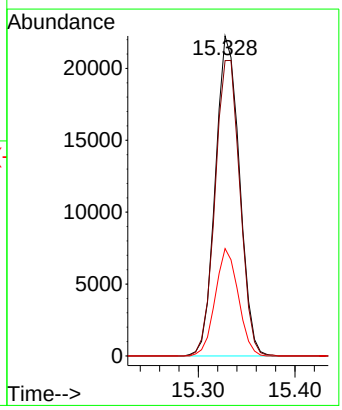
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.936 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:180 Resp: 38421

Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.3	144.9
145	32.2	16.1	48.3



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

Manual Integration Report

Sequence:	VY020325	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VY021020.D	1,2,3-Trichloropropane	MMDadoda	2/4/2025 3:47:43 PM	SAM	2/4/2025 3:52:46 PM	Peak Integrated by Software
VSTDICC005	VY021020.D	Methacrylonitrile	MMDadoda	2/4/2025 3:47:43 PM	SAM	2/4/2025 3:52:46 PM	Peak Integrated by Software
VSTDICC010	VY021021.D	1,2,3-Trichloropropane	MMDadoda	2/4/2025 3:47:41 PM	SAM	2/4/2025 3:52:44 PM	Peak Integrated by Software
VSTDICC010	VY021021.D	Methacrylonitrile	MMDadoda	2/4/2025 3:47:41 PM	SAM	2/4/2025 3:52:44 PM	Peak Integrated by Software
VSTDICC010	VY021021.D	Tert butyl alcohol	MMDadoda	2/4/2025 3:47:41 PM	SAM	2/4/2025 3:52:44 PM	Peak Integrated by Software
VSTDICC020	VY021022.D	1,2,3-Trichloropropane	MMDadoda	2/4/2025 3:47:39 PM	SAM	2/4/2025 3:52:43 PM	Peak Integrated by Software
VSTDICC020	VY021022.D	Methacrylonitrile	MMDadoda	2/4/2025 3:47:39 PM	SAM	2/4/2025 3:52:43 PM	Peak Integrated by Software
VSTDICCC050	VY021023.D	1,2,3-Trichloropropane	MMDadoda	2/4/2025 3:47:37 PM	SAM	2/4/2025 3:52:39 PM	Peak Integrated by Software
VSTDICC100	VY021024.D	1,2,3-Trichloropropane	MMDadoda	2/4/2025 3:47:36 PM	SAM	2/4/2025 3:53:02 PM	Peak Integrated by Software
VSTDICC150	VY021025.D	1,2,3-Trichloropropane	MMDadoda	2/4/2025 3:47:34 PM	SAM	2/4/2025 3:53:04 PM	Peak Integrated by Software
VSTDICV050	VY021027.D	1,2,3-Trichloropropane	MMDadoda	2/4/2025 3:47:32 PM	SAM	2/4/2025 3:53:10 PM	Peak Integrated by Software
VSTDCCC050	VY021044.D	1,2,3-Trichloropropane	MMDadoda	2/4/2025 3:47:27 PM	SAM	2/4/2025 3:53:15 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VY020325	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	vy022125	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY021275.D	1,2,3-Trichloropropane	Romaben	2/24/2025 9:43:22 AM	MMDadoda	2/24/2025 1:32:02 PM	Peak Integrated by Software
VY0221SBS01	VY021277.D	1,2,3-Trichloropropane	Romaben	2/24/2025 9:43:27 AM	MMDadoda	2/24/2025 1:32:01 PM	Peak Integrated by Software
VSTDCCC050	VY021298.D	1,2,3-Trichloropropane	SAM	2/28/2025 7:07:08 AM	MMDadoda	2/28/2025 7:07:19 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VY022525	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VY021309.D	1,2,3-Trichloropropane	Romaben	2/26/2025 10:45:25 AM	MMDadoda	2/26/2025 1:44:30 PM	Peak Integrated by Software
VSTDICC005	VY021309.D	Methacrylonitrile	Romaben	2/26/2025 10:45:25 AM	MMDadoda	2/26/2025 1:44:30 PM	Peak Integrated by Software
VSTDICC010	VY021310.D	1,2,3-Trichloropropane	Romaben	2/26/2025 10:45:29 AM	MMDadoda	2/26/2025 1:44:32 PM	Peak Integrated by Software
VSTDICC020	VY021311.D	1,2,3-Trichloropropane	Romaben	2/26/2025 10:45:33 AM	MMDadoda	2/26/2025 1:44:34 PM	Peak Integrated by Software
VSTDICCC050	VY021312.D	1,2,3-Trichloropropane	Romaben	2/26/2025 10:45:52 AM	MMDadoda	2/26/2025 1:44:36 PM	Peak Integrated by Software
VSTDICC150	VY021314.D	1,2,3-Trichloropropane	Romaben	2/26/2025 10:45:40 AM	MMDadoda	2/26/2025 1:44:39 PM	Peak Integrated by Software
VSTDICC100	VY021316.D	1,2,3-Trichloropropane	Romaben	2/26/2025 10:45:43 AM	MMDadoda	2/26/2025 1:44:41 PM	Peak Integrated by Software
VSTDICV050	VY021317.D	1,2,3-Trichloropropane	Romaben	2/26/2025 10:45:47 AM	MMDadoda	2/26/2025 1:44:42 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VY022625	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY021320.D	1,2,3-Trichloropropane	Romaben	2/27/2025 9:36:03 AM	MMDadoda	2/27/2025 12:12:27 PM	Peak Integrated by Software
VY0226SBS01	VY021322.D	1,2,3-Trichloropropane	Romaben	2/27/2025 9:35:58 AM	MMDadoda	2/27/2025 12:12:27 PM	Peak Integrated by Software
VY0226SBS01	VY021322.D	Methacrylonitrile	Romaben	2/27/2025 9:35:58 AM	MMDadoda	2/27/2025 12:12:27 PM	Peak Integrated by Software
VY0226SBSD01	VY021323.D	1,2,3-Trichloropropane	Romaben	2/27/2025 9:35:54 AM	MMDadoda	2/27/2025 12:12:28 PM	Peak Integrated by Software
VSTDCCC050	VY021344.D	1,2,3-Trichloropropane	Romaben	2/27/2025 9:36:17 AM	MMDadoda	2/27/2025 12:12:34 PM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY020325

Review By	Mahesh Dadoda	Review On	2/4/2025 3:47:24 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/4/2025 3:53:22 PM		
SubDirectory	VY020325	HP Acquire Method	MSVOA_Y	HP Processing Method	82y020325s.m

STD. NAME	STD REF.#
Tune/Reschk	VP132839
Initial Calibration Stds	VP132837,VP132841,VP132843,VP132845,VP132847,VP132849
CCC	VP132853
Internal Standard/PEM	VP131783
ICV/I.BLK	VP132851
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY021019.D	03 Feb 2025 09:51	SY/MD	Ok
2	VSTDICC005	VY021020.D	03 Feb 2025 10:35	SY/MD	Ok,M
3	VSTDICC010	VY021021.D	03 Feb 2025 10:57	SY/MD	Ok,M
4	VSTDICC020	VY021022.D	03 Feb 2025 11:20	SY/MD	Ok,M
5	VSTDICCC050	VY021023.D	03 Feb 2025 11:43	SY/MD	Ok,M
6	VSTDICC100	VY021024.D	03 Feb 2025 12:21	SY/MD	Ok,M
7	VSTDICC150	VY021025.D	03 Feb 2025 12:44	SY/MD	Ok,M
8	VIBLK	VY021026.D	03 Feb 2025 13:11	SY/MD	Ok
9	VSTDICV050	VY021027.D	03 Feb 2025 13:37	SY/MD	Ok,M
10	VY0203SBL01	VY021028.D	03 Feb 2025 14:13	SY/MD	Ok
11	VY0203SBS01	VY021029.D	03 Feb 2025 14:55	SY/MD	Ok,M
12	VY0203SBSD01	VY021030.D	03 Feb 2025 15:17	SY/MD	Ok,M
13	Q1239-10	VY021031.D	03 Feb 2025 15:50	SY/MD	Not Ok
14	Q1215-01	VY021032.D	03 Feb 2025 16:14	SY/MD	Ok
15	Q1215-05	VY021033.D	03 Feb 2025 16:37	SY/MD	Not Ok
16	Q1216-01	VY021034.D	03 Feb 2025 17:01	SY/MD	ReRun
17	Q1216-05	VY021035.D	03 Feb 2025 17:24	SY/MD	Ok
18	IBLK	VY021036.D	03 Feb 2025 17:47	SY/MD	Not Ok
19	IBLK	VY021037.D	03 Feb 2025 18:11	SY/MD	Not Ok
20	Q1216-17	VY021038.D	03 Feb 2025 18:34	SY/MD	Ok
21	Q1206-01	VY021039.D	03 Feb 2025 18:58	SY/MD	Ok

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY020325

Review By	Mahesh Dadoda	Review On	2/4/2025 3:47:24 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	2/4/2025 3:53:22 PM				
SubDirectory	VY020325	HP Acquire Method	MSVOA_Y	HP Processing Method	82y020325s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP132839
Initial Calibration Stds	VP132837,VP132841,VP132843,VP132845,VP132847,VP132849
CCC	VP132853
Internal Standard/PEM	VP131783
ICV/I.BLK	VP132851
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1206-05	VY021040.D	03 Feb 2025 19:21	SY/MD	Ok
23	Q1207-01	VY021041.D	03 Feb 2025 19:44	SY/MD	Ok
24	Q1207-05	VY021042.D	03 Feb 2025 20:08	SY/MD	Ok
25	Q1207-09	VY021043.D	03 Feb 2025 20:31	SY/MD	Ok
26	VSTDCCC050	VY021044.D	03 Feb 2025 20:54	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY022125

Review By	Mahesh Dadoda	Review On	2/24/2025 1:32:08 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	2/24/2025 1:34:10 PM				
SubDirectory	VY022125	HP Acquire Method	MSVOA_Y		HP Processing Method	82y020325s.m	

STD. NAME	STD REF.#
Tune/Reschk	VP133100
Initial Calibration Stds	
CCC	VP133101,VP133102
Internal Standard/PEM	VP131783
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY021274.D	21 Feb 2025 09:06	SY/MD	Ok
2	VSTDCCC050	VY021275.D	21 Feb 2025 09:37	SY/MD	Ok,M
3	VY0221SBL01	VY021276.D	21 Feb 2025 11:12	SY/MD	Ok
4	VY0221SBS01	VY021277.D	21 Feb 2025 11:43	SY/MD	Ok,M
5	VY0221SBSD01	VY021278.D	21 Feb 2025 12:06	SY/MD	Ok,M
6	Q1383-01	VY021279.D	21 Feb 2025 12:41	SY/MD	Ok
7	Q1383-03	VY021280.D	21 Feb 2025 13:04	SY/MD	Ok
8	Q1383-05	VY021281.D	21 Feb 2025 13:27	SY/MD	Ok
9	Q1383-07	VY021282.D	21 Feb 2025 13:51	SY/MD	Ok
10	VY0221SBSD02	VY021283.D	21 Feb 2025 14:14	SY/MD	Not Ok
11	Q1383-11	VY021284.D	21 Feb 2025 14:37	SY/MD	Ok
12	Q1383-13	VY021285.D	21 Feb 2025 15:00	SY/MD	Ok
13	Q1383-15	VY021286.D	21 Feb 2025 15:24	SY/MD	Ok
14	Q1383-17	VY021287.D	21 Feb 2025 15:47	SY/MD	Ok
15	Q1383-19	VY021288.D	21 Feb 2025 16:10	SY/MD	Ok
16	Q1383-21	VY021289.D	21 Feb 2025 16:34	SY/MD	Ok
17	Q1382-07	VY021290.D	21 Feb 2025 16:57	SY/MD	Ok
18	Q1382-09	VY021291.D	21 Feb 2025 17:21	SY/MD	Ok
19	Q1382-11	VY021292.D	21 Feb 2025 17:44	SY/MD	Ok
20	Q1382-13	VY021293.D	21 Feb 2025 18:08	SY/MD	Ok
21	Q1382-15	VY021294.D	21 Feb 2025 18:31	SY/MD	Ok

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY022125

Review By	Mahesh Dadoda	Review On	2/24/2025 1:32:08 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	2/24/2025 1:34:10 PM				
SubDirectory	VY022125	HP Acquire Method	MSVOA_Y	HP Processing Method	82y020325s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP133100
Initial Calibration Stds	
CCC	VP133101,VP133102
Internal Standard/PEM	VP131783
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1382-17	VY021295.D	21 Feb 2025 18:54	SY/MD	Ok
23	Q1388-01RE	VY021296.D	21 Feb 2025 19:18	SY/MD	Confirms
24	Q1393-01	VY021297.D	21 Feb 2025 19:41	SY/MD	Not Ok
25	VSTDCCC050	VY021298.D	21 Feb 2025 20:27	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY022525

Review By	Mahesh Dadoda	Review On	2/26/2025 1:45:35 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	2/26/2025 1:46:55 PM				
SubDirectory	VY022525	HP Acquire Method	MSVOA_Y	HP Processing Method	82y022525s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP133154
Initial Calibration Stds	VP133137,VP133140,VP133143,VP133146,VP133147,VP133149
CCC	
Internal Standard/PEM	VP131783
ICV/I.BLK	VP133150
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY021308.D	25 Feb 2025 12:10	SY/MD	Ok
2	VSTDICC005	VY021309.D	25 Feb 2025 12:40	SY/MD	Ok,M
3	VSTDICC010	VY021310.D	25 Feb 2025 13:03	SY/MD	Ok,M
4	VSTDICC020	VY021311.D	25 Feb 2025 13:26	SY/MD	Ok,M
5	VSTDICCC050	VY021312.D	25 Feb 2025 14:48	SY/MD	Ok,M
6	VSTDICC100	VY021313.D	25 Feb 2025 15:34	SY/MD	Not Ok
7	VSTDICC150	VY021314.D	25 Feb 2025 15:57	SY/MD	Ok,M
8	VIBLK	VY021315.D	25 Feb 2025 16:24	SY/MD	Ok
9	VSTDICC100	VY021316.D	25 Feb 2025 16:49	SY/MD	Ok,M
10	VSTDICV050	VY021317.D	25 Feb 2025 17:31	SY/MD	Ok,M
11	VIBLK	VY021318.D	25 Feb 2025 17:54	SY/MD	Ok

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY022625

Review By	Mahesh Dadoda	Review On	2/27/2025 12:12:40 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	2/27/2025 12:13:53 PM				
SubDirectory	VY022625	HP Acquire Method	MSVOA_Y	HP Processing Method	82Y022525S.m		

STD. NAME	STD REF.#
Tune/Reschk	VP133161
Initial Calibration Stds	
CCC	VP133162,VP133163
Internal Standard/PEM	VP131783
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY021319.D	26 Feb 2025 09:12	SY/MD	Ok
2	VSTDCCC050	VY021320.D	26 Feb 2025 10:11	SY/MD	Ok,M
3	VY0226SBL01	VY021321.D	26 Feb 2025 10:50	SY/MD	Ok
4	VY0226SBS01	VY021322.D	26 Feb 2025 11:22	SY/MD	Ok,M
5	VY0226SBSD01	VY021323.D	26 Feb 2025 11:44	SY/MD	Ok,M
6	Q1416-01	VY021324.D	26 Feb 2025 12:20	SY/MD	ReRun
7	Q1413-02	VY021325.D	26 Feb 2025 12:43	SY/MD	ReRun
8	Q1418-01	VY021326.D	26 Feb 2025 13:07	SY/MD	Ok
9	Q1413-02RE	VY021327.D	26 Feb 2025 13:30	SY/MD	Confirms
10	Q1401-07	VY021328.D	26 Feb 2025 13:54	SY/MD	Ok
11	Q1401-08	VY021329.D	26 Feb 2025 14:17	SY/MD	Ok
12	Q1401-09	VY021330.D	26 Feb 2025 14:40	SY/MD	Ok
13	Q1382-19	VY021331.D	26 Feb 2025 15:04	SY/MD	Ok
14	Q1383-09	VY021332.D	26 Feb 2025 15:27	SY/MD	Ok
15	Q1411-03	VY021333.D	26 Feb 2025 15:51	SY/MD	Not Ok
16	Q1411-01	VY021334.D	26 Feb 2025 16:14	SY/MD	Not Ok
17	Q1415-02	VY021335.D	26 Feb 2025 16:37	SY/MD	Ok
18	Q1415-01	VY021336.D	26 Feb 2025 17:01	SY/MD	Ok
19	Q1415-04	VY021337.D	26 Feb 2025 17:24	SY/MD	Ok,M
20	Q1415-03	VY021338.D	26 Feb 2025 17:48	SY/MD	ReRun
21	Q1420-07	VY021339.D	26 Feb 2025 18:11	SY/MD	ReRun

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY022625

Review By	Mahesh Dadoda	Review On	2/27/2025 12:12:40 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	2/27/2025 12:13:53 PM				
SubDirectory	VY022625	HP Acquire Method	MSVOA_Y	HP Processing Method	82Y022525S.m		

STD. NAME	STD REF.#
Tune/Reschk	VP133161
Initial Calibration Stds	
CCC	VP133162,VP133163
Internal Standard/PEM	VP131783
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1420-03	VY021340.D	26 Feb 2025 18:34	SY/MD	Ok
23	Q1427-01	VY021341.D	26 Feb 2025 18:58	SY/MD	ReRun
24	Q1380-07MS	VY021342.D	26 Feb 2025 19:21	SY/MD	ReRun
25	Q1380-08MSD	VY021343.D	26 Feb 2025 19:43	SY/MD	ReRun
26	VSTDCCC050	VY021344.D	26 Feb 2025 20:06	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY020325

Review By	Mahesh Dadoda	Review On	2/4/2025 3:47:24 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/4/2025 3:53:22 PM		
SubDirectory	VY020325	HP Acquire Method	MSVOA_Y	HP Processing Method	82y020325s.m

STD. NAME	STD REF.#
Tune/Reschk	VP132839
Initial Calibration Stds	VP132837,VP132841,VP132843,VP132845,VP132847,VP132849
CCC	VP132853
Internal Standard/PEM	VP131783
ICV/I.BLK	VP132851
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY021019.D	03 Feb 2025 09:51		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VY021020.D	03 Feb 2025 10:35	Good for DOD	SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VY021021.D	03 Feb 2025 10:57		SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VY021022.D	03 Feb 2025 11:20		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VY021023.D	03 Feb 2025 11:43		SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VY021024.D	03 Feb 2025 12:21		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VY021025.D	03 Feb 2025 12:44		SY/MD	Ok,M
8	VIBLK	VIBLK	VY021026.D	03 Feb 2025 13:11		SY/MD	Ok
9	VSTDICV050	ICVVY020325	VY021027.D	03 Feb 2025 13:37		SY/MD	Ok,M
10	VY0203SBL01	VY0203SBL01	VY021028.D	03 Feb 2025 14:13		SY/MD	Ok
11	VY0203SBS01	VY0203SBS01	VY021029.D	03 Feb 2025 14:55		SY/MD	Ok,M
12	VY0203SBSD01	VY0203SBSD01	VY021030.D	03 Feb 2025 15:17		SY/MD	Ok,M
13	Q1239-10	357	VY021031.D	03 Feb 2025 15:50	vial B Not purged	SY/MD	Not Ok
14	Q1215-01	JPP-29.1-012825	VY021032.D	03 Feb 2025 16:14	vial A ISTD Fail	SY/MD	Ok
15	Q1215-05	JPP-29.2-012825	VY021033.D	03 Feb 2025 16:37	Not purged vial-A	SY/MD	Not Ok
16	Q1216-01	JPP-18.1-012825	VY021034.D	03 Feb 2025 17:01	vial A Internal Standard Fail	SY/MD	ReRun
17	Q1216-05	JPP-21.1-012825	VY021035.D	03 Feb 2025 17:24	vial B ISTD Fail	SY/MD	Ok
18	IBLK	IBLK	VY021036.D	03 Feb 2025 17:47	Not purged	SY/MD	Not Ok

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY020325

Review By	Mahesh Dadoda	Review On	2/4/2025 3:47:24 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/4/2025 3:53:22 PM		
SubDirectory	VY020325	HP Acquire Method	MSVOA_Y	HP Processing Method	82y020325s.m

STD. NAME	STD REF.#
Tune/Reschk	VP132839
Initial Calibration Stds	VP132837,VP132841,VP132843,VP132845,VP132847,VP132849
CCC	VP132853
Internal Standard/PEM	VP131783
ICV/I.BLK	VP132851
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	IBLK	IBLK	VY021037.D	03 Feb 2025 18:11	Not purged	SY/MD	Not Ok
20	Q1216-17	JPP-26.2-012825	VY021038.D	03 Feb 2025 18:34	vial B Internal Standard Fail	SY/MD	Ok
21	Q1206-01	JPP-20.1-012725	VY021039.D	03 Feb 2025 18:58	vial B	SY/MD	Ok
22	Q1206-05	JPP-16.3-012725	VY021040.D	03 Feb 2025 19:21	vial B	SY/MD	Ok
23	Q1207-01	JPP-2.1-012725	VY021041.D	03 Feb 2025 19:44	vial-B	SY/MD	Ok
24	Q1207-05	JPP-5.1-012725	VY021042.D	03 Feb 2025 20:08	vial-B	SY/MD	Ok
25	Q1207-09	JPP-4.5-012725	VY021043.D	03 Feb 2025 20:31	vial-B	SY/MD	Ok
26	VSTDCCC050	VSTDCCC050EC	VY021044.D	03 Feb 2025 20:54		SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY022125

Review By	Mahesh Dadoda	Review On	2/24/2025 1:32:08 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/24/2025 1:34:10 PM		
SubDirectory	VY022125	HP Acquire Method	MSVOA_Y	HP Processing Method	82y020325s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133100
Initial Calibration Stds	
CCC	VP133101,VP133102
Internal Standard/PEM	VP131783
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY021274.D	21 Feb 2025 09:06		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY021275.D	21 Feb 2025 09:37		SY/MD	Ok,M
3	VY0221SBL01	VY0221SBL01	VY021276.D	21 Feb 2025 11:12		SY/MD	Ok
4	VY0221SBS01	VY0221SBS01	VY021277.D	21 Feb 2025 11:43		SY/MD	Ok,M
5	VY0221SBSD01	VY0221SBSD01	VY021278.D	21 Feb 2025 12:06		SY/MD	Ok,M
6	Q1383-01	OU4-PCS-TC-11-02172	VY021279.D	21 Feb 2025 12:41	vial-B	SY/MD	Ok
7	Q1383-03	OU4-PCS-TC-12-02172	VY021280.D	21 Feb 2025 13:04	vial-B	SY/MD	Ok
8	Q1383-05	OU4-PCS-TC-13-02172	VY021281.D	21 Feb 2025 13:27	vial-B	SY/MD	Ok
9	Q1383-07	OU4-PCS-TC-14-02172	VY021282.D	21 Feb 2025 13:51	vial-B	SY/MD	Ok
10	VY0221SBSD02	VY0221SBSD02	VY021283.D	21 Feb 2025 14:14	Not Required	SY/MD	Not Ok
11	Q1383-11	OU4-PCS-TC-16-02172	VY021284.D	21 Feb 2025 14:37	vial-B	SY/MD	Ok
12	Q1383-13	OU4-PCS-TC-17-02172	VY021285.D	21 Feb 2025 15:00	vial-B	SY/MD	Ok
13	Q1383-15	OU4-PCS-TC-18-02172	VY021286.D	21 Feb 2025 15:24	vial-B	SY/MD	Ok
14	Q1383-17	OU4-PCS-TC-19-02172	VY021287.D	21 Feb 2025 15:47	vial-B	SY/MD	Ok
15	Q1383-19	OU4-PCS-TC-20-02172	VY021288.D	21 Feb 2025 16:10	vial-B	SY/MD	Ok
16	Q1383-21	OU4-CF-15-021725	VY021289.D	21 Feb 2025 16:34	vial-B	SY/MD	Ok
17	Q1382-07	OU4-PCS-TC-04-02172	VY021290.D	21 Feb 2025 16:57	vial-B	SY/MD	Ok
18	Q1382-09	OU4-PCS-TC-05-02172	VY021291.D	21 Feb 2025 17:21	vial-B	SY/MD	Ok

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY022125

Review By	Mahesh Dadoda	Review On	2/24/2025 1:32:08 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/24/2025 1:34:10 PM		
SubDirectory	VY022125	HP Acquire Method	MSVOA_Y	HP Processing Method	82y020325s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133100
Initial Calibration Stds	
CCC	VP133101,VP133102
Internal Standard/PEM	VP131783
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1382-11	OU4-PCS-TC-06-02172	VY021292.D	21 Feb 2025 17:44	vial-B	SY/MD	Ok
20	Q1382-13	OU4-PCS-TC-07-02172	VY021293.D	21 Feb 2025 18:08	vial-B	SY/MD	Ok
21	Q1382-15	OU4-PCS-TC-08-02172	VY021294.D	21 Feb 2025 18:31	vial-B	SY/MD	Ok
22	Q1382-17	OU4-PCS-TC-09-02172	VY021295.D	21 Feb 2025 18:54	vial-B	SY/MD	Ok
23	Q1388-01RE	72-12016RE	VY021296.D	21 Feb 2025 19:18	vial-B Internal Standard Fail	SY/MD	Confirms
24	Q1393-01	SOIL-COMP	VY021297.D	21 Feb 2025 19:41	vial-B Not purge	SY/MD	Not Ok
25	VSTDCCC050	VSTDCCC050EC	VY021298.D	21 Feb 2025 20:27		SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY022525

Review By	Mahesh Dadoda	Review On	2/26/2025 1:45:35 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/26/2025 1:46:55 PM		
SubDirectory	VY022525	HP Acquire Method	MSVOA_Y	HP Processing Method	82y022525s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133154
Initial Calibration Stds	VP133137,VP133140,VP133143,VP133146,VP133147,VP133149
CCC	
Internal Standard/PEM	VP131783
ICV/I.BLK	VP133150
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY021308.D	25 Feb 2025 12:10		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VY021309.D	25 Feb 2025 12:40		SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VY021310.D	25 Feb 2025 13:03		SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VY021311.D	25 Feb 2025 13:26	Acrolein fail for method	SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VY021312.D	25 Feb 2025 14:48		SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VY021313.D	25 Feb 2025 15:34	Not used	SY/MD	Not Ok
7	VSTDICC150	VSTDICC150	VY021314.D	25 Feb 2025 15:57		SY/MD	Ok,M
8	VIBLK	VIBLK	VY021315.D	25 Feb 2025 16:24		SY/MD	Ok
9	VSTDICC100	VSTDICC100	VY021316.D	25 Feb 2025 16:49		SY/MD	Ok,M
10	VSTDICV050	ICVVY022525	VY021317.D	25 Feb 2025 17:31	ICV Failed for comp. #10	SY/MD	Ok,M
11	VIBLK	VIBLK	VY021318.D	25 Feb 2025 17:54		SY/MD	Ok

M : Manual Integration

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

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY022625

Review By	Mahesh Dadoda	Review On	2/27/2025 12:12:40 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/27/2025 12:13:53 PM		
SubDirectory	VY022625	HP Acquire Method	MSVOA_Y	HP Processing Method	82Y022525S.m

STD. NAME	STD REF.#
Tune/Reschk	VP133161
Initial Calibration Stds	
CCC	VP133162,VP133163
Internal Standard/PEM	VP131783
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY021319.D	26 Feb 2025 09:12		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY021320.D	26 Feb 2025 10:11		SY/MD	Ok,M
3	VY0226SBL01	VY0226SBL01	VY021321.D	26 Feb 2025 10:50		SY/MD	Ok
4	VY0226SBS01	VY0226SBS01	VY021322.D	26 Feb 2025 11:22		SY/MD	Ok,M
5	VY0226SBSD01	VY0226SBSD01	VY021323.D	26 Feb 2025 11:44		SY/MD	Ok,M
6	Q1416-01	OK-01-022425	VY021324.D	26 Feb 2025 12:20	vial-A ISTD Fail	SY/MD	ReRun
7	Q1413-02	BU-2-022125	VY021325.D	26 Feb 2025 12:43	vial-A ISTD Fail	SY/MD	ReRun
8	Q1418-01	TR-06-02242025	VY021326.D	26 Feb 2025 13:07	vial-A ISTD Fail	SY/MD	Ok
9	Q1413-02RE	BU-2-022125RE	VY021327.D	26 Feb 2025 13:30	vial-B ISTD Fail	SY/MD	Confirms
10	Q1401-07	BP-VPB-192-GW-825-8	VY021328.D	26 Feb 2025 13:54	vial-A	SY/MD	Ok
11	Q1401-08	BP-VPB-192-GW-860-8	VY021329.D	26 Feb 2025 14:17	vial-A	SY/MD	Ok
12	Q1401-09	BP-VPB-192-GW-880-8	VY021330.D	26 Feb 2025 14:40	vial-A	SY/MD	Ok
13	Q1382-19	OU4-PCS-TC-10-02172	VY021331.D	26 Feb 2025 15:04	vial-A	SY/MD	Ok
14	Q1383-09	OU4-PCS-TC-15-02172	VY021332.D	26 Feb 2025 15:27	vial-B	SY/MD	Ok
15	Q1411-03	HR-03-02212025	VY021333.D	26 Feb 2025 15:51	vial-A NOT PURGE	SY/MD	Not Ok
16	Q1411-01	HR-02-02212025	VY021334.D	26 Feb 2025 16:14	vial-A NOT PURGE	SY/MD	Not Ok
17	Q1415-02	B-172-SB01	VY021335.D	26 Feb 2025 16:37	vial-A	SY/MD	Ok
18	Q1415-01	B-163-SB01	VY021336.D	26 Feb 2025 17:01	vial-A	SY/MD	Ok

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY022625

Review By	Mahesh Dadoda	Review On	2/27/2025 12:12:40 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/27/2025 12:13:53 PM		
SubDirectory	VY022625	HP Acquire Method	MSVOA_Y	HP Processing Method	82Y022525S.m

STD. NAME	STD REF.#
Tune/Reschk	VP133161
Initial Calibration Stds	
CCC	VP133162,VP133163
Internal Standard/PEM	VP131783
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1415-04	B-172-SB02	VY021337.D	26 Feb 2025 17:24	vial-A	SY/MD	Ok,M
20	Q1415-03	B-163-SB02	VY021338.D	26 Feb 2025 17:48	vial-A Internal Standard Fail	SY/MD	ReRun
21	Q1420-07	TP-2-WC-VOC	VY021339.D	26 Feb 2025 18:11	vial-A Internal Standard Fail	SY/MD	ReRun
22	Q1420-03	TP-1-WC-VOC	VY021340.D	26 Feb 2025 18:34	vial-A	SY/MD	Ok
23	Q1427-01	VNJ-227	VY021341.D	26 Feb 2025 18:58	vial-A Surrogate Fail	SY/MD	ReRun
24	Q1380-07MS	BP-VPB-192-GW-725-7	VY021342.D	26 Feb 2025 19:21	vial-B	SY/MD	ReRun
25	Q1380-08MSD	BP-VPB-192-GW-725-7	VY021343.D	26 Feb 2025 19:43	vial-B Internal Standard Fail	SY/MD	ReRun
26	VSTDCCC050	VSTDCCC050EC	VY021344.D	26 Feb 2025 20:06		SY/MD	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 2/19/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 16:40
In Date: 02/18/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:11
Out Date: 02/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB134739

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1380-06	BP-VPB-192-GW-725-727	1	1.15	8.48	9.63	1.78	7.4	SLUDGE SAMPLE
Q1380-07	Q1380-06MS	2	1.15	8.48	9.63	1.78	7.4	SLUDGE SAMPLE
Q1380-08	Q1380-06MSD	3	1.15	8.48	9.63	1.78	7.4	SLUDGE SAMPLE
Q1382-01	OU4-PCS-TC-01-021725	4	1.15	8.56	9.71	9.02	91.9	
Q1382-03	OU4-PCS-TC-02-021725	5	1.15	8.59	9.74	9.03	91.7	
Q1382-05	OU4-PCS-TC-03-021725	6	1.15	8.56	9.71	9.06	92.4	
Q1382-07	OU4-PCS-TC-04-021725	7	1.16	8.80	9.96	9.3	92.5	
Q1382-09	OU4-PCS-TC-05-021725	8	1.16	8.65	9.81	9.12	92.0	
Q1382-11	OU4-PCS-TC-06-021725	9	1.12	8.76	9.88	9.2	92.2	
Q1382-13	OU4-PCS-TC-07-021725	10	1.11	8.67	9.78	9.1	92.2	
Q1382-15	OU4-PCS-TC-08-021725	11	1.19	8.61	9.8	9.16	92.6	
Q1382-17	OU4-PCS-TC-09-021725	12	1.14	8.66	9.8	9.16	92.6	
Q1382-19	OU4-PCS-TC-10-021725	13	1.14	8.84	9.98	9.4	93.4	
Q1383-01	OU4-PCS-TC-11-021725	14	1.17	8.74	9.91	9.26	92.6	
Q1383-03	OU4-PCS-TC-12-021725	15	1.15	8.73	9.88	9.2	92.2	
Q1383-05	OU4-PCS-TC-13-021725	16	1.12	8.76	9.88	9.22	92.5	
Q1383-07	OU4-PCS-TC-14-021725	17	1.18	8.58	9.76	9.08	92.1	
Q1383-09	OU4-PCS-TC-15-021725	18	1.13	8.77	9.9	9.24	92.5	
Q1383-11	OU4-PCS-TC-16-021725	19	1.16	8.61	9.77	9.09	92.1	
Q1383-13	OU4-PCS-TC-17-021725	20	1.19	8.58	9.77	9.03	91.4	
Q1383-15	OU4-PCS-TC-18-021725	21	1.15	8.60	9.75	9.05	91.9	
Q1383-17	OU4-PCS-TC-19-021725	22	1.15	8.84	9.99	9.29	92.1	
Q1383-19	OU4-PCS-TC-20-021725	23	1.13	8.67	9.8	9.12	92.2	
Q1383-21	OU4-CF-15-021725	24	1.16	8.50	9.66	9.02	92.5	
Q1384-01	OR-03-021823025	25	1.15	8.81	9.96	8.96	88.6	
Q1384-02	OR-03-021823025-E2	26	1.17	8.82	9.99	9.04	89.2	
Q1385-01	ST-1	27	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
Q1385-02	ST-1-E2	28	1.00	1.00	2.00	2.00	100.0	CONCRETE sample

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 2/19/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 16:40
In Date: 02/18/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:11
Out Date: 02/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB134739

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VB 134739

WorkList Name : %1-021825 **WorkList ID :** 187742 **Department :** Wet-Chemistry **Date :** 02-18-2025 08:35:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1380-06	BP-VPB-192-GW-725-727	Solid	Percent Solids	Cool 4 deg C	TETR06	H31	02/10/2025	Chemtech -SO
Q1380-07	Q1380-06MS	Solid	Percent Solids	Cool 4 deg C	TETR06	H31	02/10/2025	Chemtech -SO
Q1380-08	Q1380-06MSD	Solid	Percent Solids	Cool 4 deg C	TETR06	H31	02/10/2025	Chemtech -SO
Q1382-01	OU4-PCS-TC-01-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1382-03	OU4-PCS-TC-02-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1382-05	OU4-PCS-TC-03-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1382-07	OU4-PCS-TC-04-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1382-09	OU4-PCS-TC-05-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1382-11	OU4-PCS-TC-06-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1382-13	OU4-PCS-TC-07-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1382-15	OU4-PCS-TC-08-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1382-17	OU4-PCS-TC-09-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1382-19	OU4-PCS-TC-10-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1383-01	OU4-PCS-TC-11-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1383-03	OU4-PCS-TC-12-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1383-05	OU4-PCS-TC-13-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1383-07	OU4-PCS-TC-14-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1383-09	OU4-PCS-TC-15-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1383-11	OU4-PCS-TC-16-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1383-13	OU4-PCS-TC-17-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1383-15	OU4-PCS-TC-18-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO

Date/Time 02/18/25 15:00

Raw Sample Received by: TB [illegible]

Raw Sample Relinquished by: [illegible]

Date/Time 02/18/25 17:00

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

WORKLIST(Hardcopy Internal Chain)

VB1347 39

WorkList Name : %1-021825 **WorkList ID :** 187742 **Department :** Wet-Chemistry **Date :** 02-18-2025 08:35:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1383-17	OU4-PCS-TC-19-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1383-19	OU4-PCS-TC-20-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1383-21	OU4-CF-15-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1384-01	OR-03-021823025	Solid	Percent Solids	Cool 4 deg C	PSEG05	N41	02/18/2025	Chemtech -SO
Q1384-02	OR-03-021823025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	N41	02/18/2025	Chemtech -SO
Q1385-01	ST-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	H21	02/18/2025	Chemtech -SO
Q1385-02	ST-1-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	H21	02/18/2025	Chemtech -SO

Date/Time 02/18/25 15:00

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

Date/Time 02/18/25 17:00

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

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Prep Standard - Chemical Standard Summary

Order ID : Q1383

Test : VOCMS Group3

Prepbatch ID :

Sequence ID/Qc Batch ID: vy022125,VY022625,

Standard ID :
VP130432,VP131767,VP131783,VP132035,VP132036,VP132098,VP132613,VP132614,VP133036,VP133037,VP133100,VP133101,VP133102,VP133161,VP133162,VP133163,

Chemical ID :
V13391,V13446,V13466,V13707,V14145,V14154,V14175,V14176,V14289,V14433,V14439,V14521,V14522,V14614,V14624,V14630,V14631,V14632,V14633,V14722,V14723,V14724,V14754,V14756,V14801,V14814,V14872,V14873,V14874,V14875,W3112,

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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
249	8260 Surrogate, 100PPM	VP130432	09/20/2024	02/28/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 09/26/2024

FROM 0.10000ml of V13707 + 24.90000ml of V14145 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
218	BFB, 25PPM	VP131767	11/22/2024	05/18/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 11/27/2024

FROM 0.50000ml of V13391 + 49.50000ml of V14154 = Final Quantity: 50.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1917	8260 Internal standard 50 ppm	VP131783	11/22/2024	05/18/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 11/27/2024

FROM 0.02000ml of V14289 + 9.98000ml of V14154 = Final Quantity: 10.000 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
1811	8260 Working Std(2-CVE)-500ppm	VP132036	12/10/2024	06/10/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 12/12/2024

FROM 7.50000ml of V14614 + 12.50000ml of VP132035 = Final Quantity: 20.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
252	8260 Working STD (BCM)-First source, 100PPM	VP132098	12/12/2024	06/10/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 12/19/2024

FROM 1.25000ml of V13466 + 23.75000ml of V14614 = Final Quantity: 25.000 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
257	8260 Calibration Working STD Mix-First source, 160PPM	VP132613	01/20/2025	02/28/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 01/29/2025

FROM 0.40000ml of V13446 + 1.00000ml of V14175 + 1.00000ml of V14176 + 1.00000ml of V14433 + 1.00000ml of V14439 + 1.00000ml of V14521 + 1.00000ml of V14522 + 1.00000ml of V14722 + 1.00000ml of V14754 + 1.00000ml of V14756 + 1.00000ml of V14801 + 1.00000ml of V14814 + 1.50000ml of V14723 + 1.50000ml of V14724 + 10.60000ml of V14624 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
244	8260 Calibration Working STD Mix-First source, 100PPM	VP132614	01/20/2025	02/28/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 01/29/2025

FROM 5.62500ml of V14624 + 9.37500ml of VP132613 = Final Quantity: 15.000 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
51	8260 Working STD (Acrolein) -first source, 800PPM	VP133036	02/14/2025	03/13/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 02/18/2025

FROM 1.00000ml of V14872 + 1.00000ml of V14873 + 1.00000ml of V14874 + 1.00000ml of V14875 + 21.00000ml of V14624 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
56	8260 Working STD (Acrolein) -first source, 500PPM	VP133037	02/14/2025	03/13/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 02/18/2025

FROM 5.62500ml of V14624 + 9.37500ml of VP133036 = Final Quantity: 15.000 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
732	BFB TUNE CHECK - SOIL	VP133100	02/21/2025	02/22/2025	Romaben Patel	None	None	Mahesh Dadoda 02/28/2025

FROM 4.99800ml of W3112 + 0.00200ml of VP131767 = Final Quantity: 5.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
773	50 PPB CCC, 8260-SOIL	VP133101	02/21/2025	02/22/2025	Romaben Patel	None	None	Mahesh Dadoda 02/28/2025

FROM 4.98000ml of W3112 + 0.00250ml of VP130432 + 0.00250ml of VP132036 + 0.00250ml of VP132098 + 0.00250ml of VP132614 + 0.00250ml of VP133037 + 0.00500ml of VP131783 = Final Quantity: 5.000 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
773	50 PPB CCC, 8260-SOIL	VP133102	02/21/2025	02/22/2025	Romaben Patel	None	None	Mahesh Dadoda 02/28/2025

FROM 4.98000ml of W3112 + 0.00250ml of VP130432 + 0.00250ml of VP132036 + 0.00250ml of VP132098 + 0.00250ml of VP132614 + 0.00250ml of VP133037 + 0.00500ml of VP131783 = Final Quantity: 5.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
732	BFB TUNE CHECK - SOIL	VP133161	02/26/2025	02/27/2025	Romaben Patel	None	None	Mahesh Dadoda 02/28/2025

FROM 4.99800ml of W3112 + 0.00200ml of VP131767 = Final Quantity: 5.000 ml

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

VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
773	50 PPB CCC, 8260-SOIL	VP133162	02/26/2025	02/27/2025	Romaben Patel	None	None	Mahesh Dadoda 02/28/2025

FROM 4.98000ml of W3112 + 0.00250ml of VP130432 + 0.00250ml of VP132036 + 0.00250ml of VP132098 + 0.00250ml of VP132614 + 0.00250ml of VP133037 + 0.00500ml of VP131783 = Final Quantity: 5.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
773	50 PPB CCC, 8260-SOIL	VP133163	02/26/2025	02/27/2025	Romaben Patel	None	None	Mahesh Dadoda 02/28/2025

FROM 4.98000ml of W3112 + 0.00250ml of VP130432 + 0.00250ml of VP132036 + 0.00250ml of VP132098 + 0.00250ml of VP132614 + 0.00250ml of VP133037 + 0.00500ml of VP131783 = Final Quantity: 5.000 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	01/10/2025 / SAM	01/23/2023 / SAM	V13446

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0193071	06/12/2025	12/12/2024 / SAM	01/27/2023 / SAM	V13466

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555582 / Custom Mixture, 8260 A/B Surrogate Mix [CS 5179-2]	A0196865	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 #
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	05/18/2025	11/18/2024 / pedro	02/06/2024 / SAM	V14154

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95317 / Universal VOA Mega Mix (Min order = 5)	021624	07/10/2025	01/10/2025 / SAM	02/20/2024 / SAM	V14175

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95317 / Universal VOA Mega Mix (Min order = 5)	021624	07/10/2025	01/10/2025 / SAM	02/20/2024 / SAM	V14176

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555581 / Custom Standard, 8260 Internal Std [CS 5179-1]	A0210184	11/22/2025	11/22/2024 / SAM	04/15/2024 / SAM	V14289

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30489 / VOA Mix, 8260B Acetates Mix, P&TM, 1mL	A0209618	07/10/2025	01/10/2025 / SAM	08/15/2024 / SAM	V14433

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30489 / VOA Mix, 8260B Acetates Mix, P&TM, 1mL	A0209618	07/10/2025	01/10/2025 / SAM	08/15/2024 / SAM	V14439

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95319 / Revised Additions Mix (Min = 5)	091724	07/10/2025	01/10/2025 / SAM	09/18/2024 / SAM	V14521

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95319 / Revised Additions Mix (Min = 5)	091724	07/10/2025	01/10/2025 / SAM	09/18/2024 / SAM	V14522

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	22L0562016	06/10/2025	12/10/2024 / SAM	11/26/2024 / SAM	V14614

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	23I0762004	07/13/2025	01/13/2025 / SAM	11/26/2024 / SAM	V14624

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

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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	V14633

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A02110618	07/10/2025	01/10/2025 / SAM	12/17/2024 / SAM	V14722

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A02110618	07/10/2025	01/10/2025 / SAM	12/17/2024 / SAM	V14723

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A02110618	07/10/2025	01/10/2025 / SAM	12/17/2024 / SAM	V14724

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30042 / VOA Mix,500 series method 502.2 Calibration Std #1 gases, 2000uq/ml, PTM, 1ml	A0216826	05/31/2031	01/10/2025 / SAM	12/17/2024 / SAM	V14754

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30042 / VOA Mix,500 series method 502.2 Calibration Std #1 gases, 2000uq/ml, PTM, 1ml	A0216826	07/10/2025	01/10/2025 / SAM	12/17/2024 / SAM	V14756

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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	555408 / Custom Standard, Vinyl Acetate Standard w/ Grav [CS 5066-6] TWO SEPARATE LOTS	A0220563	06/30/2026	01/10/2025 / SAM	01/08/2025 / SAM	V14801

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555408 / Custom Standard, Vinyl Acetate Standard w/ Grav [CS 5066-6] TWO SEPARATE LOTS	A0220471	07/10/2025	01/10/2025 / SAM	01/08/2025 / SAM	V14814

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	021325	03/13/2025	02/14/2025 / SAM	02/14/2025 / SAM	V14872

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	021325	03/13/2025	02/14/2025 / SAM	02/14/2025 / SAM	V14873

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	021325	03/13/2025	02/14/2025 / SAM	02/14/2025 / SAM	V14874

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	021325	03/13/2025	02/14/2025 / SAM	02/14/2025 / SAM	V14875

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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	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

avantor™ | J.T.Baker®

Material No.: 9077-02
Batch No.: 2310762004
Manufactured Date: 2023-08-11
Expiration Date: 2026-08-10
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.5 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.2
Titrable Base (µeq/g)	≤ 0.10	0.01
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis – Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

12 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

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

5 V14

ANAB ISO 17034 Accredite
AR-1539 Certificate Number
https://Absolutestandards.cor

Exp 02/14/25

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 021325
Description: Acrolein

Expiration Date: 031325
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

Solvent(s): **Lot#**
Water 072324Q

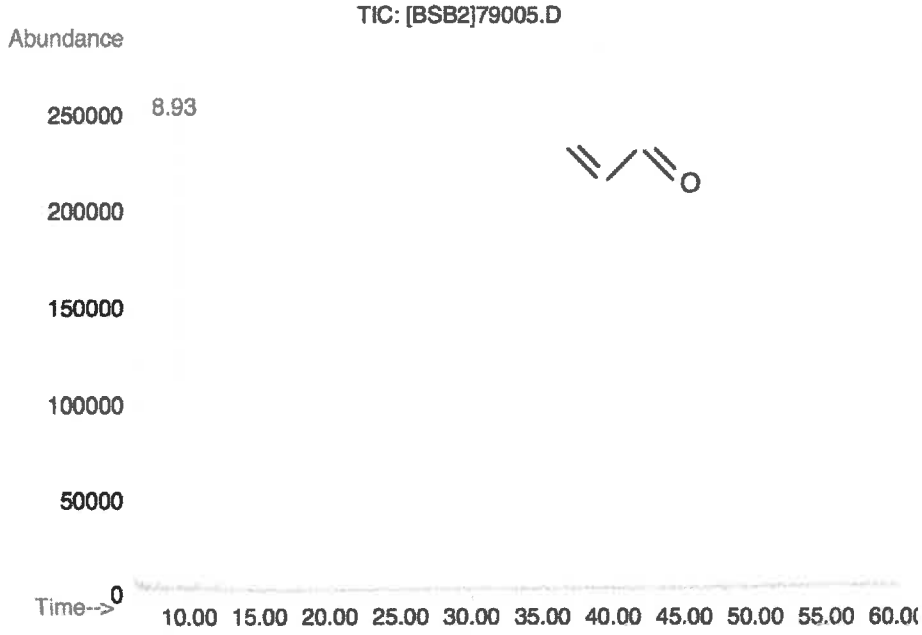
V14872 to
V14876

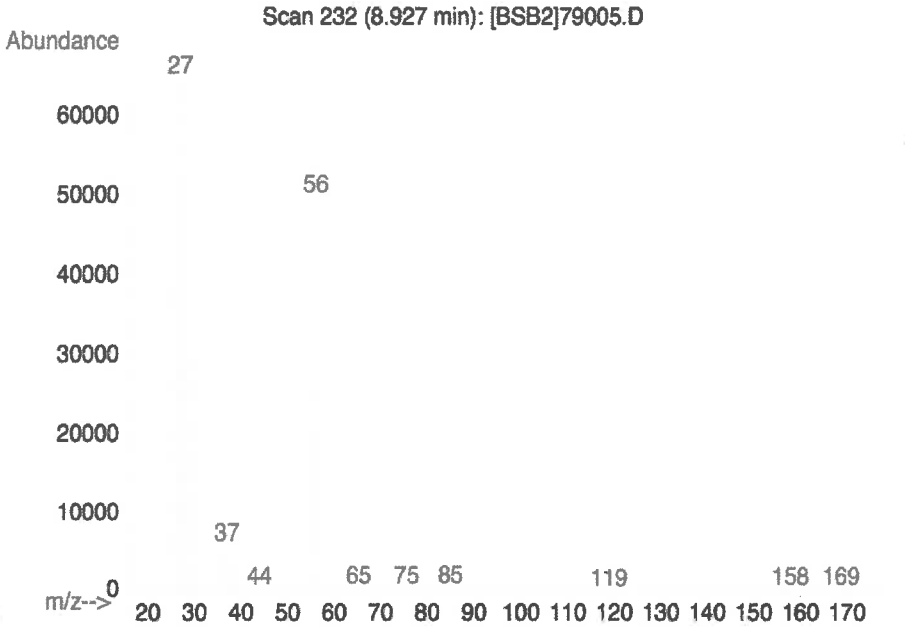
		021325
Formulated By:	Anthony Mahoney	DATE
		021325
Reviewed By:	Pedro L. Rentas	DATE

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 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	103755V10F	5000	97	0.5	0.05166	0.05178	5011.8	52.6	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.) Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Absolute Standards Inc.

PO Box 5585
Hamden, CT 06518-0585

Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN WATER**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International	**1-352-323-3500**
		Date Prepared/Revised	January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

P271	**Use in ventilated area**	**H315**	**Causes skin and eye irritation.**
P302,332	**If on skin, wash with soap and water**	**P280**	**Use gloves, eye protection/face sheild**
		P305,351,338	**If in eyes, remove contacts, rinse with water**

Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))		% (optional)
Water	CAS#: 7732-18-5	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.
Hazardous Decomposition products	Carbon oxides

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Water CAS#: 7732-18-5 TWA: 500 ppm

Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	100°C	Specific Gravity (H2O = 1)	1
Vapor Pressure (mm Hg)		Melting Point	

	NA		0°C
Vapor Density (AIR = 1)	NA	Evaporation rate (Butyl Acetate = 1)	NA

Solubility in Water Completely miscible

Appearance and Odor CLEAR, COLORLESS LIQUID WITH SLIGHT CHEMICAL ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions NA
Conditions to avoid NA
Materials to avoid NA
Hazardous decomposition products - No data available

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - Rat NA
LC50 Inhalation - Rat NA
LD50 Dermal - Guinea pig NA
Causes skin irritation.
Eye irritation

Section XII. ECOLOGICAL INFORMATION

LC50 NA
EC50 NA

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
Not dangerous goods
Proper shipping name: Water

IATA
Not dangerous goods
Proper shipping name: Water

Section XV. REGULATORY INFORMATION

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Material Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

CERTIFIED WEIGHT REPORT

Part Number: 95317
Lot Number: 021624
Description: Universal VOA Megamix
69 components
Expiration Date: 021627
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EG359-USQ12

Formulated By: Prashant Chauhan 021624 DATE

Reviewed By: Pedro L. Rentas 021624 DATE

Weight(s) shown below were combined and diluted to (mL): 100.0 5E-05 Balance Uncertainty 0.021 Flask Uncertainty

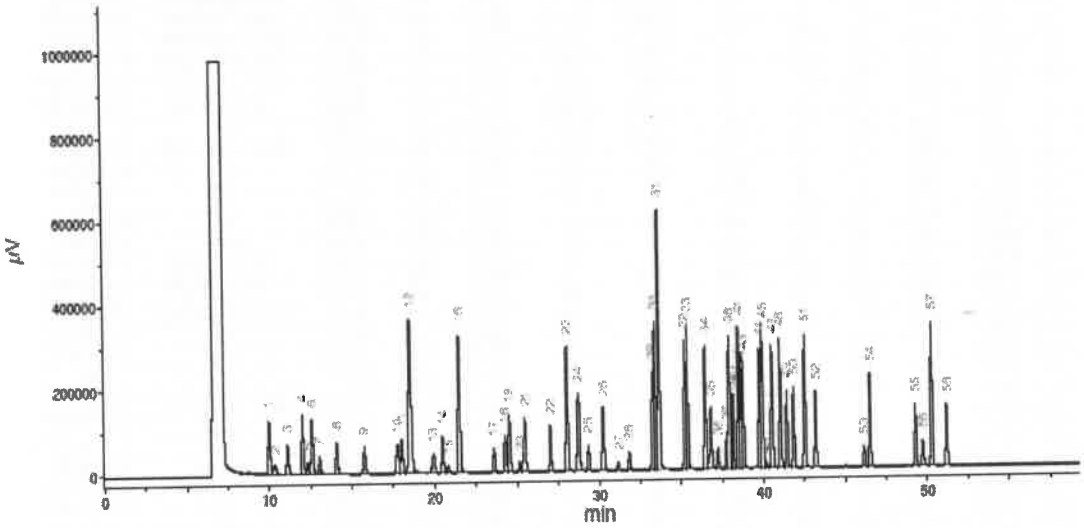
	Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc.(µg/mL)	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Uncertainty Pipette (mL)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Acetonitrile	(0324)	021644	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20020	2001.3	8.1	75-05-8	40 ppm (70mg/m3/8H)	orl-rat 2460mg/kg
2.	Allyl chloride (3-Chloropropene)	(0325)	102396	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	107-05-1	1 ppm (3mg/m3/8H)	orl-rat 700mg/kg
3.	Carbon disulphide	(0060)	MKCR8561	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20023	2001.6	8.1	75-15-0	4 ppm (12mg/m3) (skin)	orl-rat 1200mg/kg
4.	cis-1,4-Dichloro-2-butene	(1196)	14718EF	NA	NA	NA	2000	95	0.2	NA	0.21058	0.21069	2001.1	8.5	1476-11-5	N/A	N/A
5.	trans-1,4-Dichloro-2-butene	(0486)	MKBP6041V	NA	NA	NA	2000	96.5	0.2	NA	0.20731	0.20748	2001.7	8.4	110-57-6	N/A	N/A
6.	Diethyl ether	(0153)	IK18CAS0000	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	60-29-7	N/A	N/A
7.	Ethyl methacrylate	(0361)	06126PX	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20230	2002.3	8.2	97-63-2	N/A	orl-rat 14800mg/kg
8.	Iodomethane	(0489)	SHBF8718V	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20121	2001.5	8.2	74-88-4	5 ppm(28mg/m3/8H)(skin)	orl-rat 76mg/kg
9.	2-Methyl-1-propanol	(0445)	15241EB	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20120	2001.4	8.1	78-83-1	50 ppm (150mg/m3/8H)	orl-rat 2460mg/kg
10.	Methacrylonitrile	(0442)	00427ET	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	126-98-7	1 ppm (3mg/m3/8H)(skin)	orl-rat 120mg/kg
11.	Methyl acrylate	(1075)	SHBK0679	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
12.	Methyl methacrylate	(0404)	MKBW5137V	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20041	2001.6	8.1	80-62-6	100 ppm (410mg/m3/8H)	orl-rat 7872mg/kg
13.	Nitrobenzene	(0228)	01213TV	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20220	2001.3	8.2	98-95-3	1 ppm (5mg/m3/8H)(skin)	orl-rat 780mg/kg
14.	2-Nitropropane	(0461)	14002JX	NA	NA	NA	2000	97.3	0.2	NA	0.20560	0.20577	2001.6	8.3	79-46-9	10 ppm (35mg/m3/8H)	orl-rat 720mg/kg
15.	Pentachloroethane	(0450)	HGA01	NA	NA	NA	2000	98	0.2	NA	0.20413	0.20430	2001.6	8.3	76-01-7	N/A	N/A
16.	1,1,2-Trichlorotrifluoroethane	(0474)	18930	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20225	2001.8	8.2	76-13-1	1000 ppm (7600mg/m3/8H)	orl-rat 43g/kg
17.	Bromodichloromethane	35171	101623	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-27-4	N/A	orl-rat 916mg/kg
18.	Dibromochloromethane	35171	101623	0.05	5.00	40002.1	2000	NA	NA	0.017	NA	NA	1999.6	23.0	124-48-1	N/A	orl-rat 848mg/kg
19.	cis-1,2-Dichloroethene	35171	101623	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	156-59-2	N/A	N/A
20.	trans-1,2-Dichloroethene	35171	101623	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.6	23.0	156-60-5	N/A	orl-rat 1235mg/kg
21.	Methylene chloride	35171	101623	0.05	5.00	40002.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-09-2	500 ppm	orl-rat 820mg/kg
22.	1,1-Dichloroethene	32251	102023	0.10	10.00	20001.6	2000	NA	NA	0.042	NA	NA	1999.7	20.4	75-35-4	1 ppm (4mg/m3/8H)	orl-rat 200mg/kg
23.	Bromoform	95321	020724	0.10	10.00	20003.2	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-25-2	0.5 ppm (5mg/m3) (skin)	orl-rat 933mg/kg
24.	Carbon tetrachloride	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	56-23-5	2 ppm (12.6mg/m3/8H)	orl-rat 2350mg/kg
25.	Chloroform	95321	020724	0.10	10.00	20024.0	2000	NA	NA	0.042	NA	NA	2001.9	20.5	67-66-3	50 ppm (240mg/m3) (CL)	orl-rat 908mg/kg
26.	Dibromomethane	95321	020724	0.10	10.00	20002.9	2000	NA	NA	0.042	NA	NA	1999.8	20.5	74-95-3	N/A	orl-rat 108mg/kg
27.	1,1-Dichloroethane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-34-3	100 ppm	orl-rat 725mg/kg
28.	2,2-Dichloropropane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	594-20-7	N/A	N/A
29.	Tetrachloroethene	95321	020724	0.10	10.00	20201.1	2000	NA	NA	0.042	NA	NA	2019.6	20.6	127-18-4	25 ppm (170mg/m3/8H)(final)	orl-rat 2629mg/kg
30.	1,1,1-Trichloroethane	95321	020724	0.10	10.00	20003.0	2000	NA	NA	0.042	NA	NA	1999.8	20.5	71-55-6	350 ppm (1900mg/m3/8H)	orl-rat 10300mg/kg
31.	1,2-Dibromo-3-chloropropane	35161	112322	0.05	5.00	40016.5	2000	NA	NA	0.017	NA	NA	2000.3	22.9	96-12-8	0.001 ppm	orl-rat 170mg/kg
32.	1,2-Dibromoethane	35161	112322	0.05	5.00	40024.8	2000	NA	NA	0.017	NA	NA	2000.7	22.9	106-93-4	20 ppm (8H)	orl-rat 108mg/kg
33.	1,2-Dichloroethane	35161	112322	0.05	5.00	40018.0	2000	NA	NA	0.017	NA	NA	2000.4	22.9	107-06-2	50 ppm (8H)	orl-rat 670mg/kg
34.	1,2-Dichloropropane	35161	112322	0.05	5.00	40051.0	2000	NA	NA	0.017	NA	NA	2002.0	22.9	78-87-5	75 ppm (350mg/m3/8H)	orl-rat 1947mg/kg
35.	1,3-Dichloropropane	35161	112322	0.05	5.00	40005.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	142-28-9	N/A	unr-mus 3600mg/kg
36.	1,1-Dichloropropene	35161	112322	0.05	5.00	40012.1	2000	NA	NA	0.017	NA	NA	2000.1	29.7	563-58-6	N/A	N/A
37.	cis-1,3-Dichloropropene	35161	112322	0.05	5.00	40010.6	2000	NA	NA	0.017	NA	NA	2000.0	23.0	10061-01-5	N/A	N/A
38.	trans-1,3-Dichloropropene	35161	112322	0.05	5.00	40017.8	2000	NA	NA	0.017	NA	NA	2000.4	23.0	10061-02-6	N/A	N/A
39.	Hexachloro-1,3-butadiene	35161	112322	0.05	5.00	40021.9	2000	NA	NA	0.017	NA	NA	2000.6	29.7	87-68-3	0.02 ppm (0.24mg/m3/8H)	orl-rat 82mg/kg
40.	1,1,1,2-Tetrachloroethane	35161	112322	0.05	5.00	40011.9	2000	NA	NA	0.017	NA	NA	2000.1	22.9	630-20-6	N/A	orl-rat 670mg/kg
41.	1,1,2,2-Tetrachloroethane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	79-34-5	5 ppm (35mg/m3/8H)(skin)	orl-rat 800mg/kg
42.	1,1,2-Trichloroethane	35161	112322	0.05	5.00	40006.6	2000	NA	NA	0.017	NA	NA	1999.8	23.0	79-00-5	10 ppm (46mg/m3/8H)(skin)	orl-rat 836mg/kg
43.	Trichloroethene	35161	112322	0.05	5.00	40029.0	2000	NA	NA	0.017	NA	NA	2000.9	22.9	79-01-6	50 ppm (270mg/m3/8H)	orl-mus 2402mg/kg
44.	1,2,3-Trichloropropane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	96-18-4	10 ppm (60mg/m3/8H)	orl-rat 149.6mg/kg
45.	Benzene	35162	050823	0.05	5.00	40005.0	2000	NA	NA	0.017	NA	NA	1999.7	22.9	71-43-2	1 ppm	orl-rat 4894mg/kg
46.	Bromobenzene	35162	050823	0.05	5.00	40006.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-86-1	N/A	orl-rat 2699mg/kg
47.	n-Butyl benzene	35162	050823	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	104-51-8	N/A	N/A
48.	Ethyl benzene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-41-4	100 ppm (435mg/m3/8H)	orl-rat >2000mg/kg
49.	p-Isopropyl toluene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	99-87-6	N/A	orl-rat 4750mg/kg
50.	Naphthalene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	91-20-3	10 ppm (50mg/m3/8H)	orl-rat 490mg/kg
51.	Styrene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-42-5	100 ppm	orl-rat 5000mg/kg
52.	Toluene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-88-3	200 ppm	orl-rat 5000mg/kg
53.	1,2,3-Trichlorobenzene	35162	050823	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	87-61-6	N/A	ipr-mus 1390mg/kg
54.	1,2,4-Trichlorobenzene	35162	050823	0.05	5.00	40006.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	120-82-1	5 ppm (CL) (40mg/m3)	orl-rat 750mg/kg
55.	1,2,4-Trimethylbenzene	35162	050823	0.05	5.00	40001.6	2000	NA	NA	0.017	NA	NA	1999.6	23.0	95-63-6	N/A	orl-rat 5g/kg
56.	1,3,5-Trimethylbenzene	35162	050823	0.05	5.00	40006.7	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-67-8	N/A	orl-rat 5000mg/kg
57.	m-Xylene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-38-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg
58.	tert-Butyl benzene	35163	101923	0.05	5.00	40001.2	2000	NA	NA	0.017	NA	NA	1999.6	22.9	98-06-6	N/A	N/A
59.	sec-Butyl benzene	35163	101923	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.6	22.9	135-98-8	N/A	orl-rat 2240mg/kg
60.	Chlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	108-90-7	75 ppm (350mg/m3/8H)	orl-rat 2290mg/kg
61.	2-Chlorotoluene	35163	101923	0.05	5.00	40000.3	2000	NA	NA	0.017	NA	NA	1999.5	22.9	95-49-8	50 ppm (250mg/m3/8H)	orl-rat 3900mg/kg
62.	4-Chlorotoluene	35163	101923	0.05	5.00	40003.3	2000	NA	NA	0.017	NA	NA	1999.7	22.9	106-43-4	N/A	orl-rat 2100mg/kg
63.	1,2-Dichlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	95-50-1	50 ppm (300mg/m3) (CL)	orl-rat 500mg/kg
64.	1,3-Dichlorobenzene	35163	101923	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	23.0	541-73-1	N/A	ipr-mus 1062mg/kg
65.	1,4-Dichlorobenzene	35163	101923	0.05	5.00	40001.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	106-46-7	75 ppm (450mg/m3/8H)	orl-rat 500mg/kg
66.	Isopropylbenzene	35163	101923	0.05	5.00	40000.8	2000	NA	NA	0.017	NA	NA	1999.5	22.9	98-82-8	50 ppm (245mg/m3/8H)	orl-rat 1400mg/kg
67.	n-Propylbenzene	35163	101923	0.05	5.00	40003.4	2000	NA	NA	0.017	NA	NA	1999.7	23.0	103-65-1	N/A	orl-rat 6040mg/kg
68.	o-Xylene	35163	101923	0.05	5.00	40040.8	2000	NA	NA	0.017	NA	NA	2001.5	23.0	95-47-6	100 ppm (435mg/m3/8H)	ipr-mus 1364mg/kg
69.	p-Xylene	35163	101923	0.05	5.00	40000.6	2000	NA	NA	0.017	NA	NA	1999.5	22.9	106-42-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening sample, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty References: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Run 16, "P95317 L021624 [2000µg/mL in MeOH]"

Run Length: 60.00 min, 35998 points at 10 points/second.
Created: Sat, Feb 17, 2024 at 8:56:46 AM.
Sampled: Sequence "021624-GC5M1", Method "GC5-M1".
Analyzed using Method "GC5-M1".

Comments
GC5-M1 Analysis by Candice Warren
Column ID SPB-Vocol 105 meter X 0.53mm X 3.0µm film thickness
Flow rates: Total flow=290mL/min., Helium (carrier)=10mL/min.,
Helium(make-up)=10mL/min., Hydogen(make-up)=40mL/min., Air(make-up)=230mL/min.
Oven Profile: Temp. 1=35°C (Time 1=10 min.), Temp 2=200°C (Time 2=8.75 min.),
Rate = 4°C/min., Total run time=60 min. Injector temp.=200°C, FID Temp.=200°C.
FID Signal = Edaq Channel 1
Standard injection = 0.5µL, Range=3



Peak #	Name	FID RT (min.)
1	Ether	9.97
2	1,1,2-Trichloro-1,2,2-trifluoroethane	10.33
3	1,1-Dichloroethene	11.10
4	Acetonitrile	12.00
5	Iodomethane	12.31
6	Allyl chloride	12.56
7	Carbon disulfide/Methylene chloride	13.04
8	trans-1,2-Dichloroethene	14.07
9	1,1-Dichloroethane	15.74
10	2,2-Dichloropropane	17.74
11	cis-1,2-Dichloroethene	18.00
12	Methacrylonitrile/Methyl acrylate/Chloroform	18.46
13	Isobutanol/1,1,1-Trichloroethane	19.91
14	1,1-Dichloropropene	20.46
15	Carbon tetrachloride	20.79
16	Benzene/1,2-Dichloroethane	21.49
17	Trichloroethene	23.58
18	1,2-Dichloropropane	24.28
19	Methyl methacrylate	24.52
20	Bromodichloromethane	25.13
21	Dibromomethane/2-Nitropropane	25.46
22	cis-1,3-Dichloropropene	27.02
23	Toluene	28.05
24	Ethyl methacrylate/trans-1,3-Dichloropropene	28.73
25	1,1,2-Trichloroethane	29.34
26	Tetrachloroethene/1,3-Dichloropropane	30.24
27	Dibromochloromethane	31.16
28	1,2-Dibromoethane	31.84
29	Chlorobenzene	33.26
30	Ethylbenzene/1,1,1,2-Tetrachloroethane	33.40
31	m-Xylene/p-Xylene	33.86
32	o-Xylene	35.22
33	Styrene	35.38
34	Isopropylbenzene/Bromoform	36.18
35	cis-1,4-Dichloro-2-Butene	36.80
36	1,1,2,2-Tetrachloroethane	37.23
37	1,2,3-Trichloropropane	37.77
38	n-Propylbenzene	37.93
39	trans-1,4-Dichloro-2-Butene	38.05
40	Bromobenzene	38.14
41	1,3,5-Trimethylbenzene	38.80
42	2-Chlorotoluene	38.82
43	4-Chlorotoluene	38.77
44	tert-Butylbenzene	39.76
45	1,2,4-Trimethylbenzene	39.91
46	Pentachloroethane	40.17
47	sec-Butylbenzene	40.52
48	p-Isopropyltoluene	41.02
49	1,3-Dichlorobenzene	41.42
50	1,4-Dichlorobenzene	41.83
51	n-Butylbenzene	42.53
52	1,2-Dichlorobenzene	43.18
53	1,2-Dibromo-3-chloropropane	46.12
54	Nitrobenzene	46.48
55	1,2,4-Trichlorobenzene	49.26
56	Hexachlorobutadiene	49.72
57	Naphthalene	50.26
58	1,2,3-Trichlorobenzene	51.16

Absolute Standards Inc.
PO Box 5585
Hamden, CT 06518-0585
Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International	**1-352-323-3500**
		Date Prepared/Revised	January 1, 2023

Section II - Hazards Identification

GHS Classification In accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**

Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions Vapours may form explosive mixture with air.
Conditions to avoid Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

CERTIFIED WEIGHT REPORT

Part Number: 95317
Lot Number: 021624
Description: Universal VOA Megamix
69 components
Expiration Date: 021627
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EG359-USQ12

Formulated By:	Prashant Chauhan	021624	DATE
Reviewed By:	Pedro L. Rentas	021624	DATE

Weight(s) shown below were combined and diluted to (mL): 100.0 5E-05 Balance Uncertainty 0.021 Flask Uncertainty

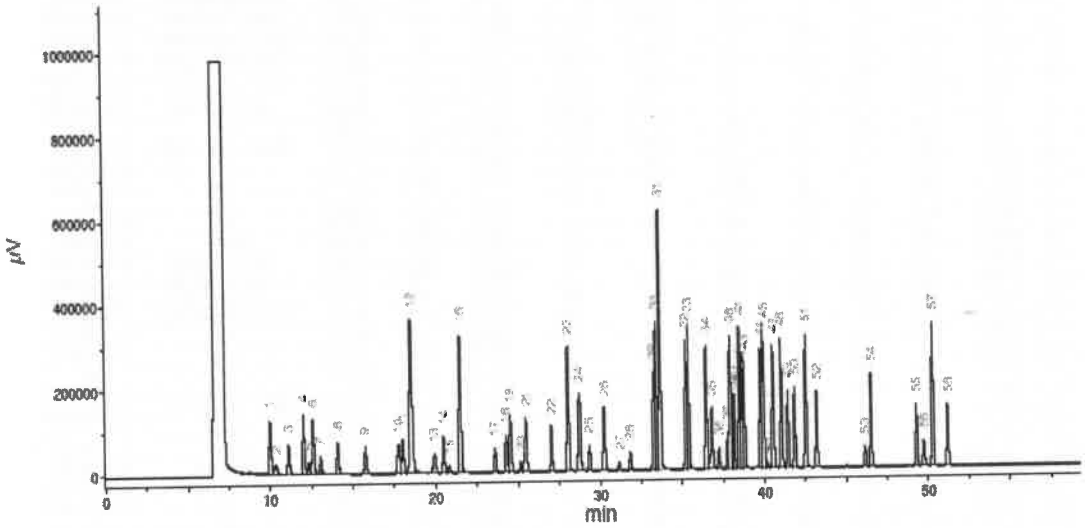
Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc.(µg/mL)	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Uncertainty Pipette (mL)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acetonitrile	(0324)	021644	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20020	2001.3	8.1	75-05-8	40 ppm (70mg/m3/8H)	orl-rat 2460mg/kg
2. Allyl chloride (3-Chloropropene)	(0325)	102396	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	107-05-1	1 ppm (3mg/m3/8H)	orl-rat 700mg/kg
3. Carbon disulphide	(0060)	MKCR8561	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20023	2001.6	8.1	75-15-0	4 ppm (12mg/m3) (skin)	orl-rat 1200mg/kg
4. cis-1,4-Dichloro-2-butene	(1196)	14718EF	NA	NA	NA	2000	95	0.2	NA	0.21058	0.21069	2001.1	8.5	1476-11-5	N/A	N/A
5. trans-1,4-Dichloro-2-butene	(0486)	MKBP6041V	NA	NA	NA	2000	96.5	0.2	NA	0.20731	0.20748	2001.7	8.4	110-57-6	N/A	N/A
6. Diethyl ether	(0153)	IK18CAS0000	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	60-29-7	N/A	N/A
7. Ethyl methacrylate	(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-Dibromoethane	31.84
29	Chlorobenzene	33.26
30	Ethylbenzene/1,1,1,2-Tetrachloroethane	33.40
31	m-Xylene/p-Xylene	33.86
32	o-Xylene	35.22
33	Styrene	35.38
34	Isopropylbenzene/Bromoform	36.18
35	cis-1,4-Dichloro-2-Butene	36.80
36	1,1,2,2-Tetrachloroethane	37.23
37	1,2,3-Trichloropropane	37.77
38	n-Propylbenzene	37.93
39	trans-1,4-Dichloro-2-Butene	38.05
40	Bromobenzene	38.14
41	1,3,5-Trimethylbenzene	38.80
42	2-Chlorotoluene	38.82
43	4-Chlorotoluene	38.77
44	tert-Butylbenzene	39.76
45	1,2,4-Trimethylbenzene	39.91
46	Pentachloroethane	40.17
47	sec-Butylbenzene	40.52
48	p-Isopropyltoluene	41.02
49	1,3-Dichlorobenzene	41.42
50	1,4-Dichlorobenzene	41.83
51	n-Butylbenzene	42.53
52	1,2-Dichlorobenzene	43.18
53	1,2-Dibromo-3-chloropropane	46.12
54	Nitrobenzene	46.48
55	1,2,4-Trichlorobenzene	49.26
56	Hexachlorobutadiene	49.72
57	Naphthalene	50.26
58	1,2,3-Trichlorobenzene	51.16

Absolute Standards Inc.
PO Box 5585
Hamden, CT 06518-0585
Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International	**1-352-323-3500**
		Date Prepared/Revised	January 1, 2023

Section II - Hazards Identification

GHS Classification In accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**

Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions Vapours may form explosive mixture with air.
Conditions to avoid Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 09/16/24 2 Vials

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 091424
Description: Acrolein

Solvent(s): Water **Lot#** 072324Q

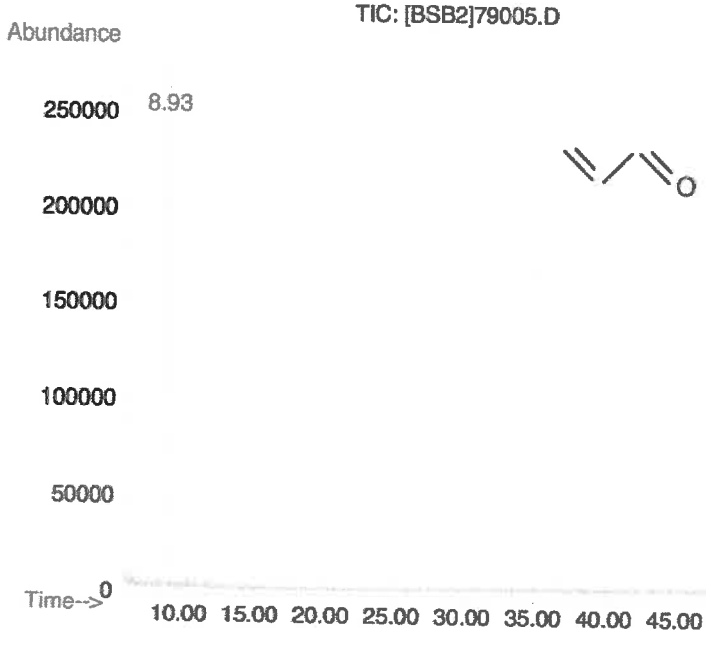
Expiration Date: 101424
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

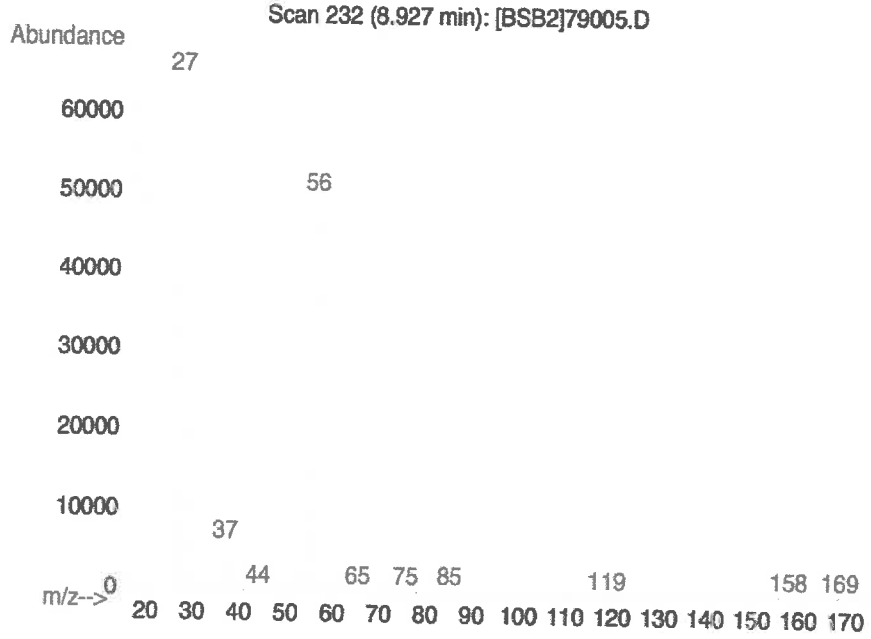
Weight(s) shown below were combined and diluted to (mL): 10.0 | 5E-05 Balance Uncertainty | 0.001 Flask Uncertainty

Justin Dippold	091424
Formulated By: Justin Dippold	DATE
Pedro Rentas	091424
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05175	5008.9	52.5	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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Certified Reference Material CRM

Rec 09/16/24 2 Vials

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AR-1539 Certificate Numb
https://Absolutestandards.co...

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 091424
Description: Acrolein

Solvent(s): Water **Lot#** 072324Q

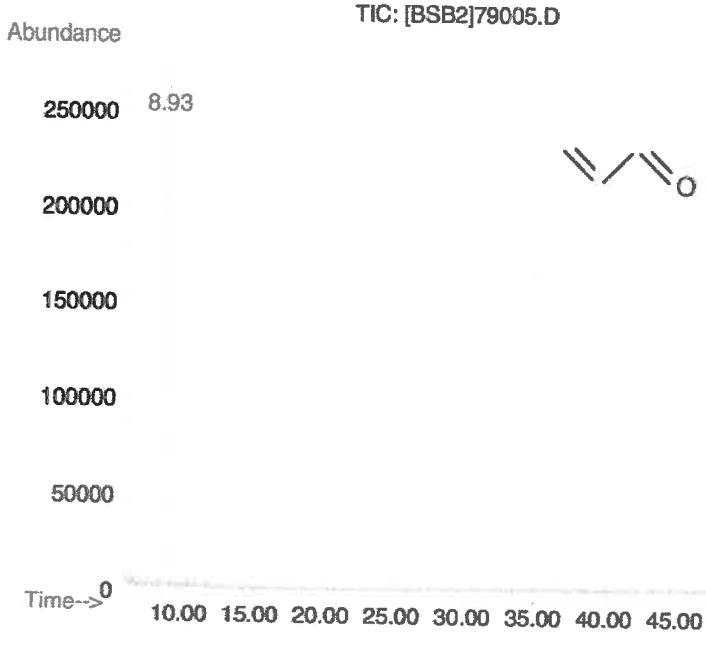
Expiration Date: 101424
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

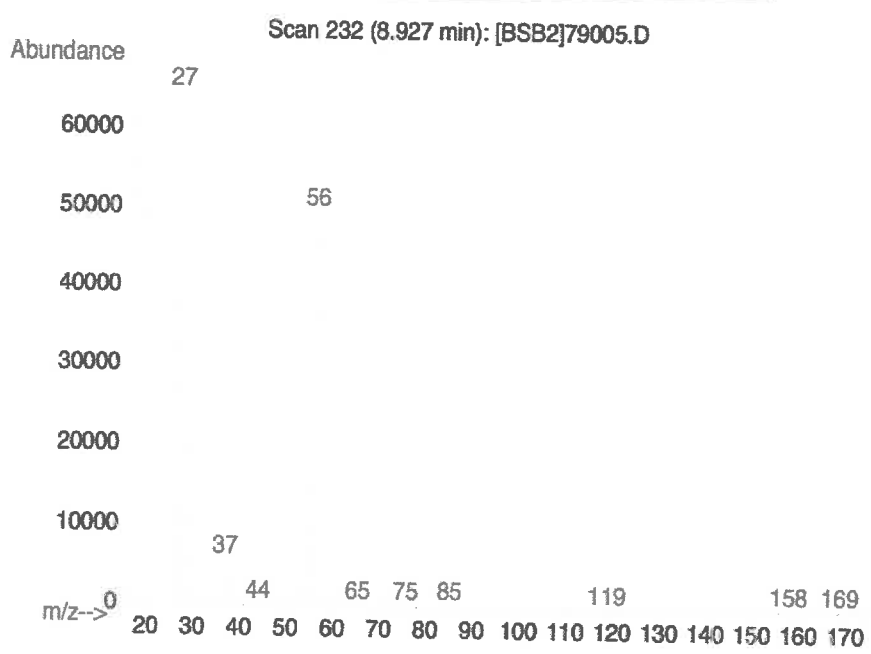
Weight(s) shown below were combined and diluted to (mL): 10.0 | 5E-05 Balance Uncertainty | 0.001 Flask Uncertainty

Formulated By: Justin Dippold	091424 DATE
Reviewed By: Pedro L. Rentas	091424 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05175	5008.9	52.5	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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Certified Reference Material CRM

Rec 12/6/24
20 vial
V14630 to
V14649

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95318
Lot Number: 120524
Description: 2-Chloroethyl vinyl ether

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

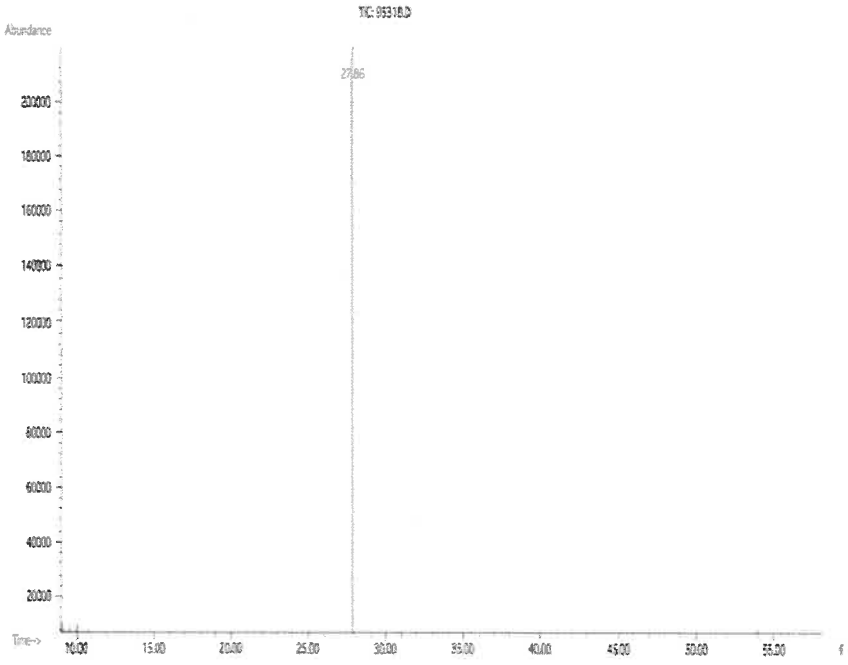
Solvent(s): Methanol **Lot#** EJ143-US

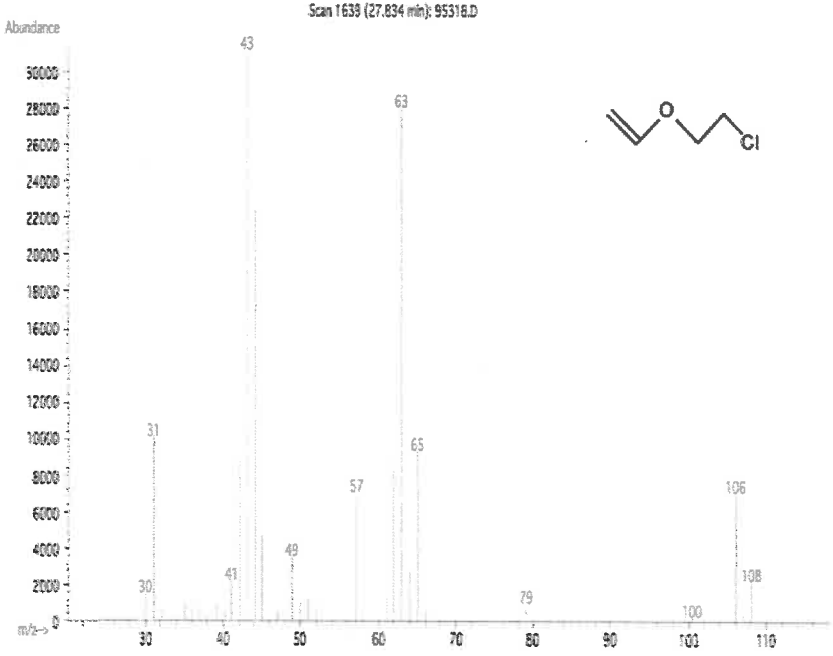
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Prashant Chauhan		120524
Formulated By:	Prashant Chauhan	DATE
Pedro Rentas		120524
Reviewed By:	Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	0.50550	10002.9	40.5	110-75-8	N/A	ori-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





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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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V14649

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT

Part Number: 95318
Lot Number: 120524
Description: 2-Chloroethyl vinyl ether

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

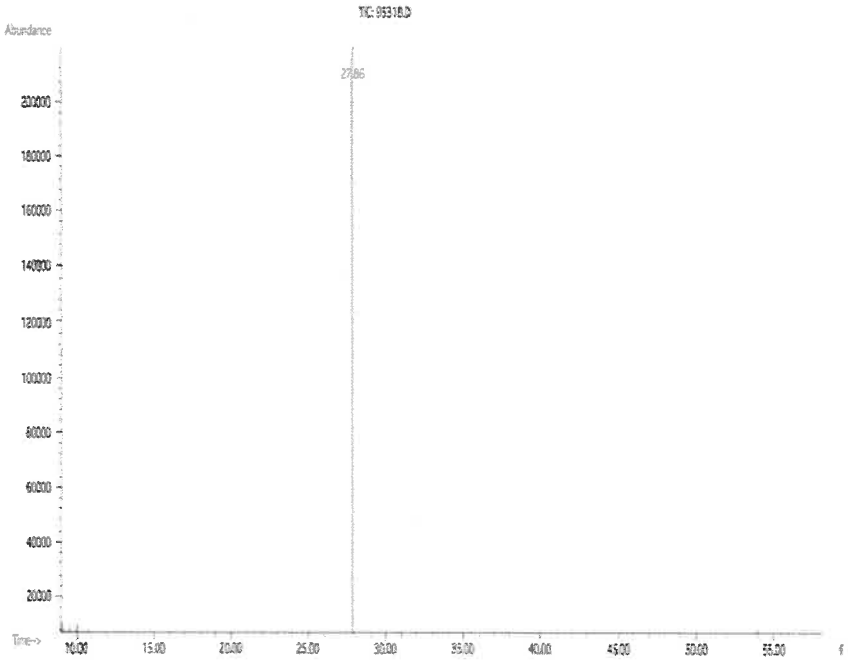
Solvent(s): Methanol **Lot#** EJ143-US

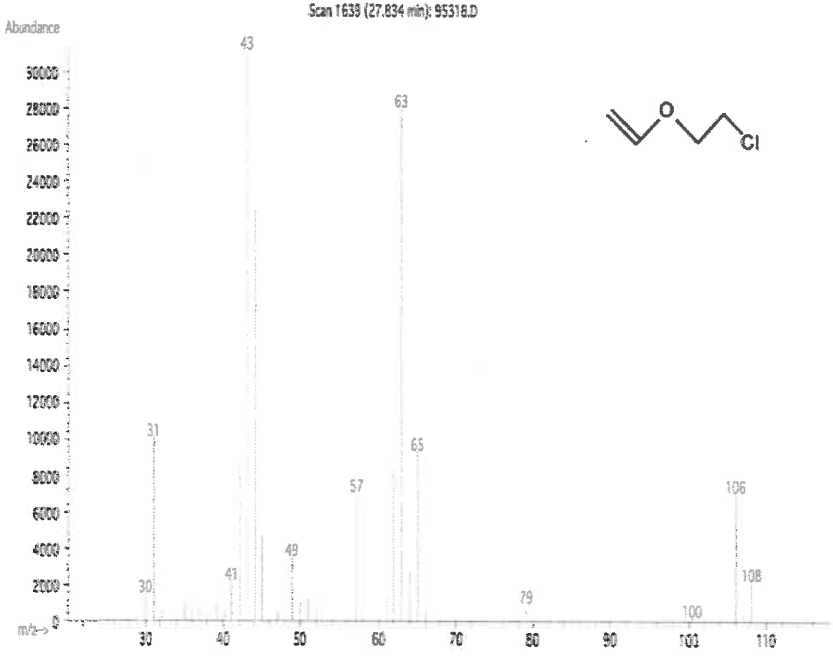
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Prashant Chauhan	120524
Formulated By: Prashant Chauhan	DATE
Pedro Rentas	120524
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	0.50550	10002.9	40.5	110-75-8	N/A	ori-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





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H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
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Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
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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.

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Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
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
20 vial
V14630 to
V14649

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95318
Lot Number: 120524
Description: 2-Chloroethyl vinyl ether

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EJ143-US

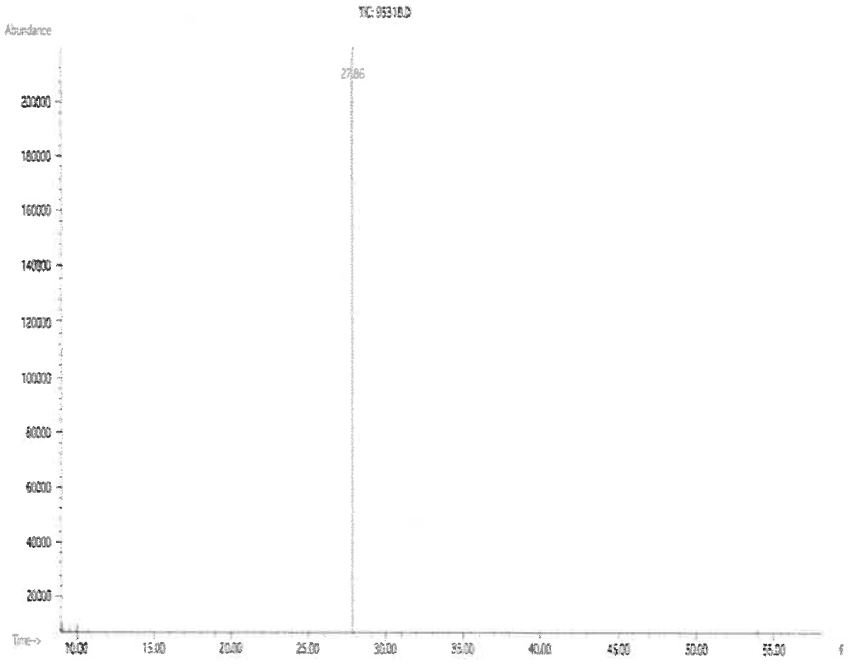
5E-05 Balance Uncertainty
0.001 Flask Uncertainty

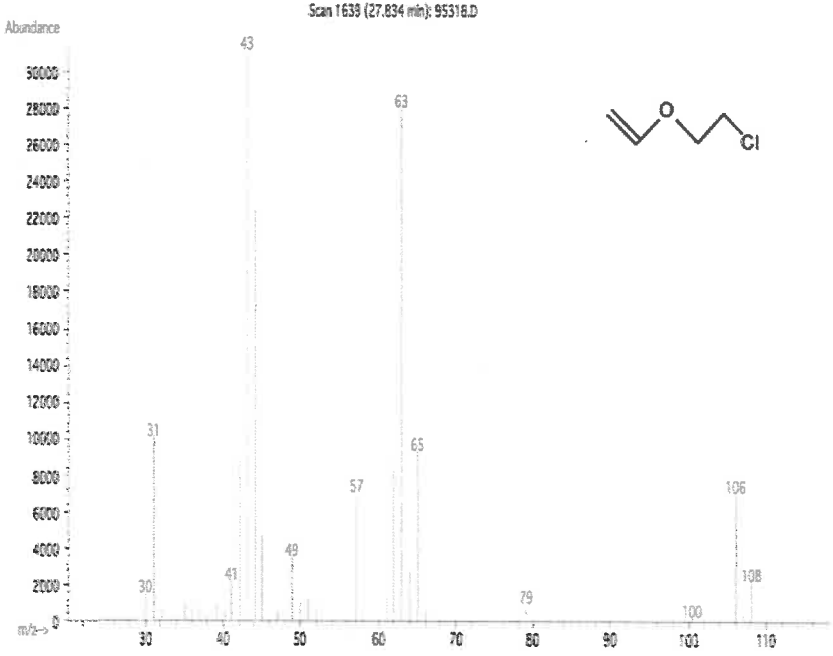
Weight(s) shown below were combined and diluted to (mL): 50.0

Prashant Chauhan	120524
Formulated By: Prashant Chauhan	DATE
Pedro L. Rentas	120524
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	0.50550	10002.9	40.5	110-75-8	N/A	ori-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





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- 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
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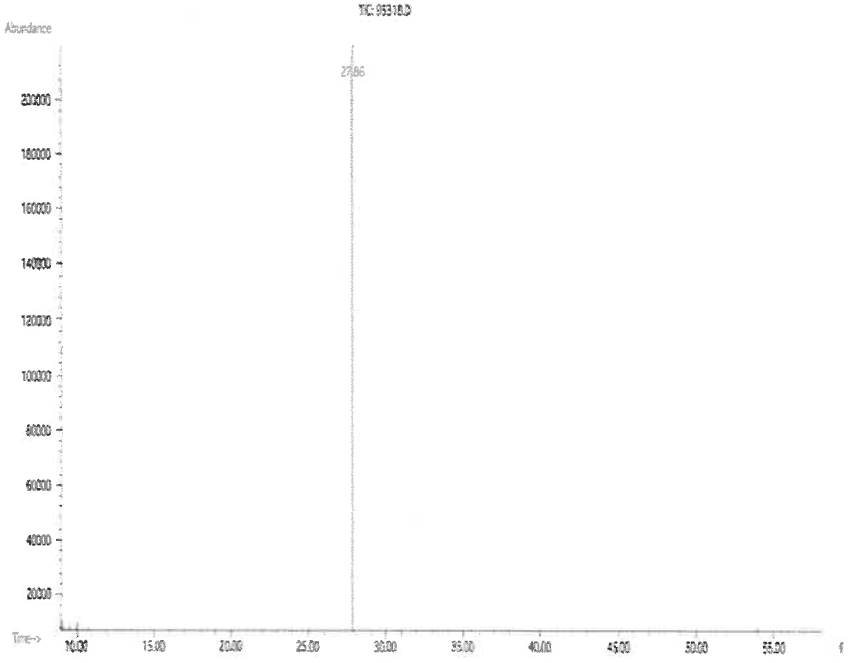

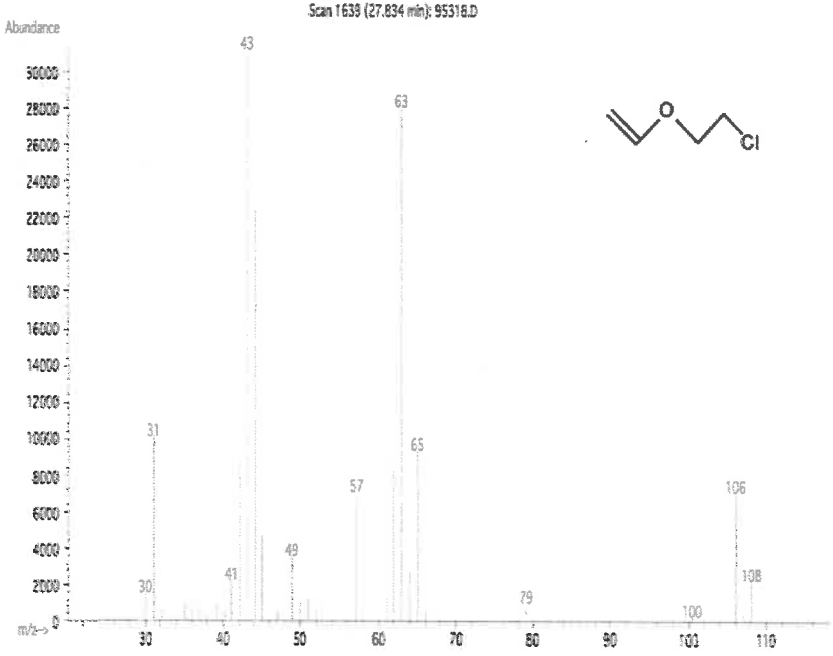

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Proper shipping name: Methanol

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Proper shipping name: Methanol

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RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30470 **Lot No.:** 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)

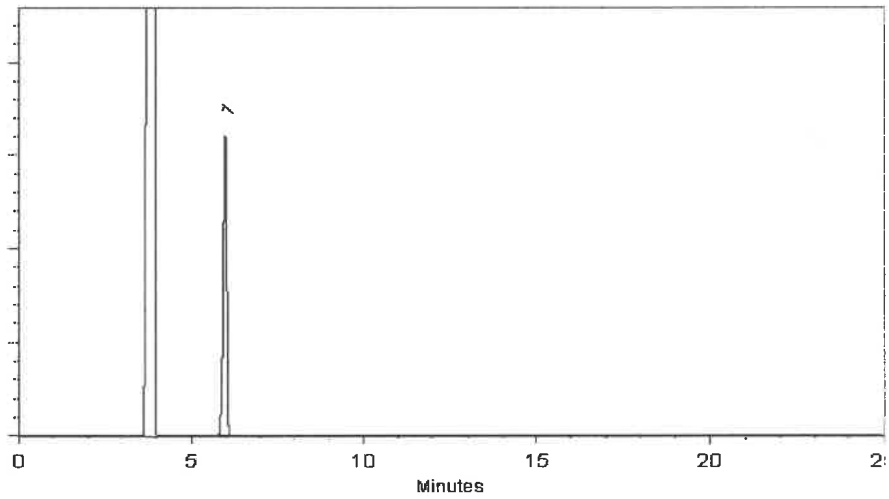
Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30067 **Lot No.:** A0191805

Description : 4-Bromofluorobenzene Standard

4-Bromofluorobenzene Standard 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1-Bromo-4-fluorobenzene (BFB)	460-00-4	184975	99%	2,483.9 µg/mL	+/- 139.5488

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

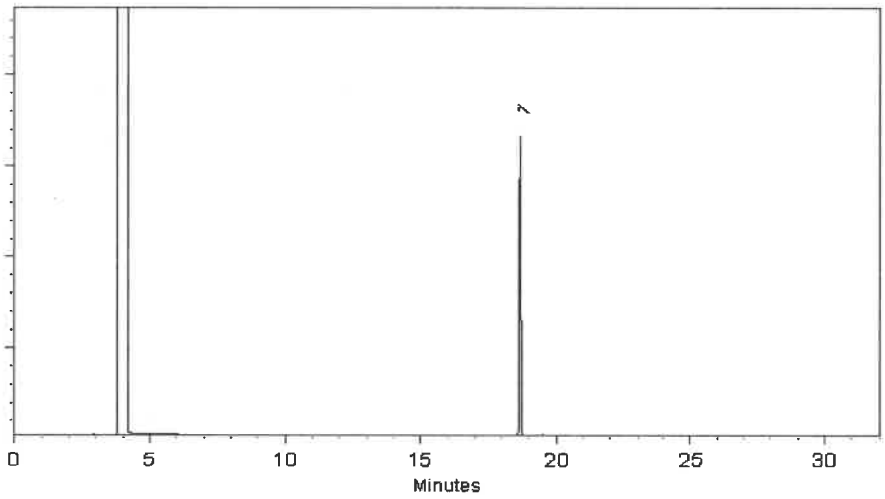
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Alicia Leathers - Operation Technician I

Date Mixed: 17-Nov-2022 **Balance Serial #** B251644995

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 21-Nov-2022

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30225 **Lot No.:** A0193071

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : December 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Bromochloromethane	74-97-5	00008541	99%	2,018.0 µg/mL	+/- 113.3890

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

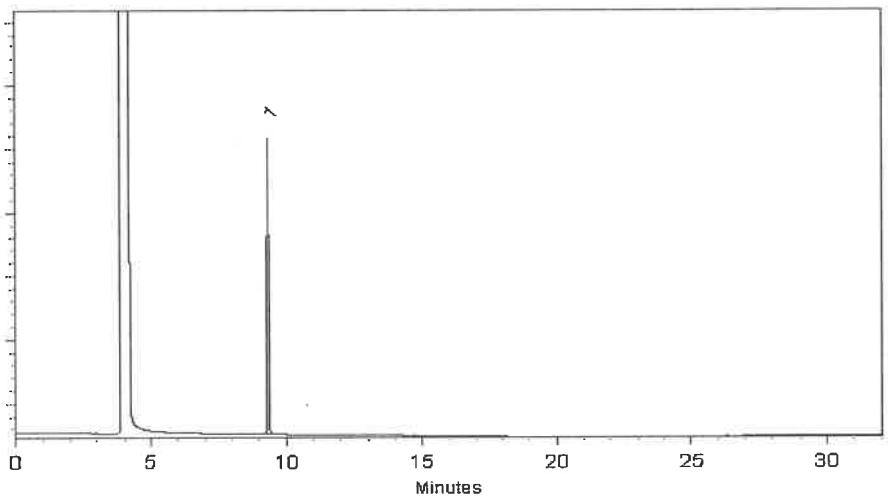
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 29-Dec-2022 **Balance Serial #** B707717271

Christie Mills - Operations Tech II - ARM QC

Date Passed: 03-Jan-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555582 **Lot No.:** 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:

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Purity Notes:

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Certified Uncertainty Value Notes:

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

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Handling Notes:

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30489 **Lot No.:** A0209618

Description : 8260B Acetates Mix

8260B Acetates Mix 2,000 µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Methyl acetate	79-20-9	SHBP3100	99%	2,019.3 µg/mL	+/- 69.7974
2	Vinyl acetate	108-05-4	RP231030CTH	98%	2,016.8 µg/mL	+/- 69.7112
3	Ethyl acetate	141-78-6	SHBQ9682	99%	2,010.7 µg/mL	+/- 69.4979
4	Isopropyl acetate	108-21-4	BCCG7069	99%	2,016.0 µg/mL	+/- 69.6822
5	Propyl acetate	109-60-4	P8XLN	99%	2,008.0 µg/mL	+/- 69.4057
6	Butyl acetate	123-86-4	SHBP6314	99%	2,007.3 µg/mL	+/- 69.3826
7	Amyl acetate	628-63-7	41325/1	97%	2,004.7 µg/mL	+/- 69.2905

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this

reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

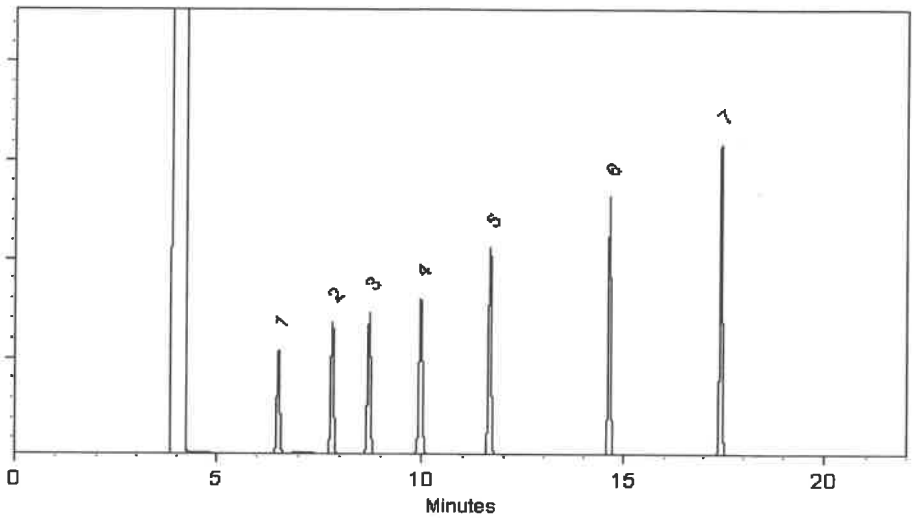
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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Sam Moodler - Operations Tech I

Date Mixed: 28-Mar-2024 **Balance Serial #** B707717271

Dillan Murphy - Operations Technician I

Date Passed: 01-Apr-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

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- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

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Manufacturing Notes:

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Handling Notes:

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Catalog No. : 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:
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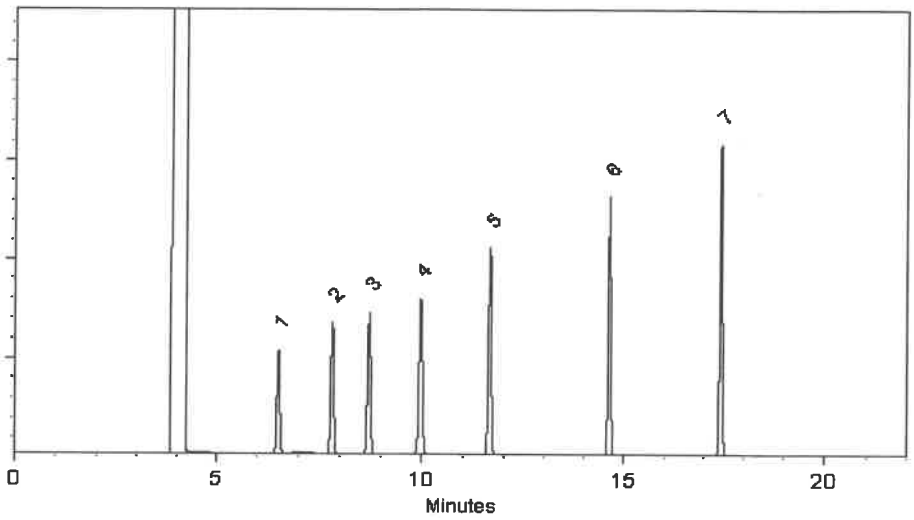
Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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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.
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Purity Notes:

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Certified Uncertainty Value Notes:

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Manufacturing Notes:

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Handling Notes:

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Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555581 **Lot No.:** A0210184

Description : Custom 8260 Internal Standard Mix

Custom 8260 Internal Standard Mix 25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	25,212.0 µg/mL	+/- 1,427.8857
2	1,4-Difluorobenzene	540-36-3	MKCS8657	99%	25,220.0 µg/mL	+/- 1,428.3388
3	Chlorobenzene-d5	3114-55-4	PR-31132	99%	25,116.0 µg/mL	+/- 1,422.4487
4	Pentafluorobenzene	363-72-4	MKCR9383	99%	25,180.0 µg/mL	+/- 1,426.0734

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

John Friedline - Operations Technician I

Date Mixed: 11-Apr-2024 **Balance:** 1127510105

REVIEWED

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

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Fax: 1-814-353-1309

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Rec 12/17/24

CERTIFIED REFERENCE MATERIAL

30 V.4

Certificate of Analysis

chromatographic plus

V14697-to-14726

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30006 **Lot No.:** A0210618

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	5,014.8 µg/mL	+/- 173.2883
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	5,012.4 µg/mL	+/- 173.2054
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	5,011.6 µg/mL	+/- 173.1777
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,013.0 µg/mL	+/- 173.2261

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

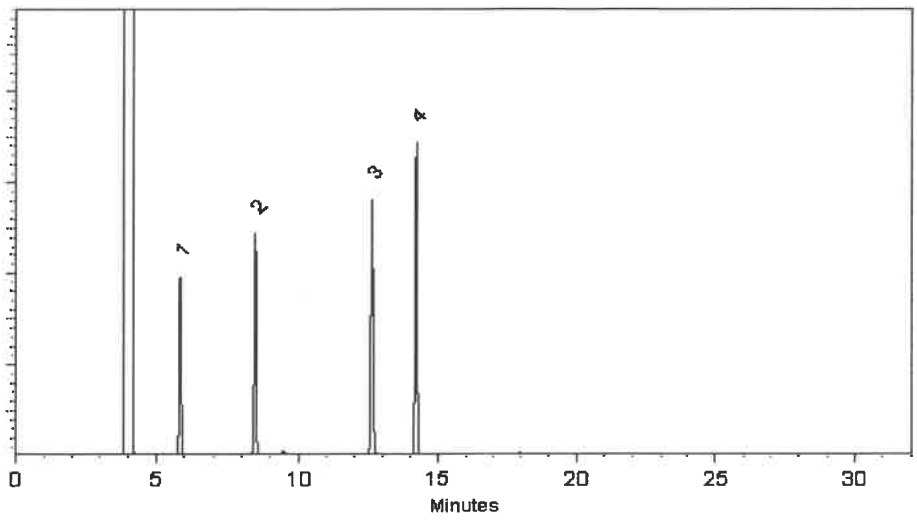
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Dakota Parson - Operations Technician I

Date Mixed: 22-Apr-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Apr-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30006 **Lot No.:** A0210618

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	5,014.8 µg/mL	+/- 173.2883
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	5,012.4 µg/mL	+/- 173.2054
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	5,011.6 µg/mL	+/- 173.1777
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,013.0 µg/mL	+/- 173.2261

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

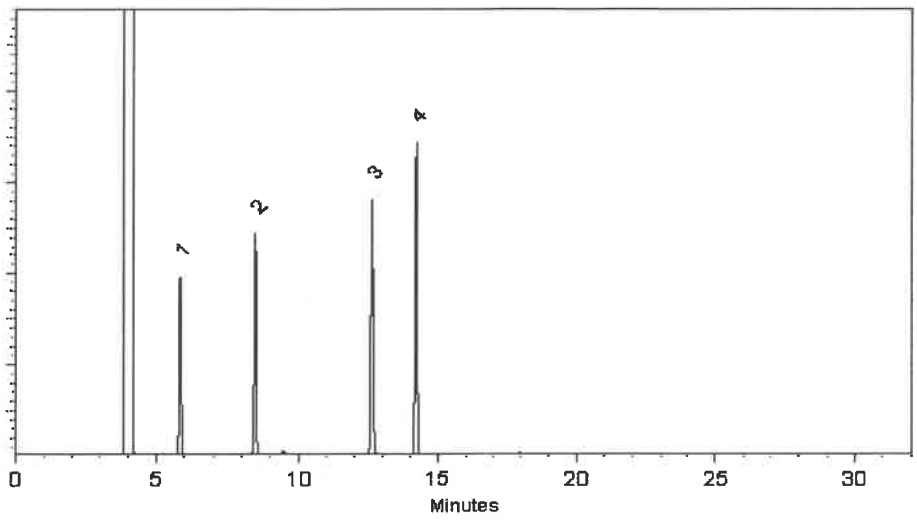
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Dakota Parson - Operations Technician I

Date Mixed: 22-Apr-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Apr-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30006 **Lot No.:** A0210618

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	5,014.8 µg/mL	+/- 173.2883
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	5,012.4 µg/mL	+/- 173.2054
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	5,011.6 µg/mL	+/- 173.1777
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,013.0 µg/mL	+/- 173.2261

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

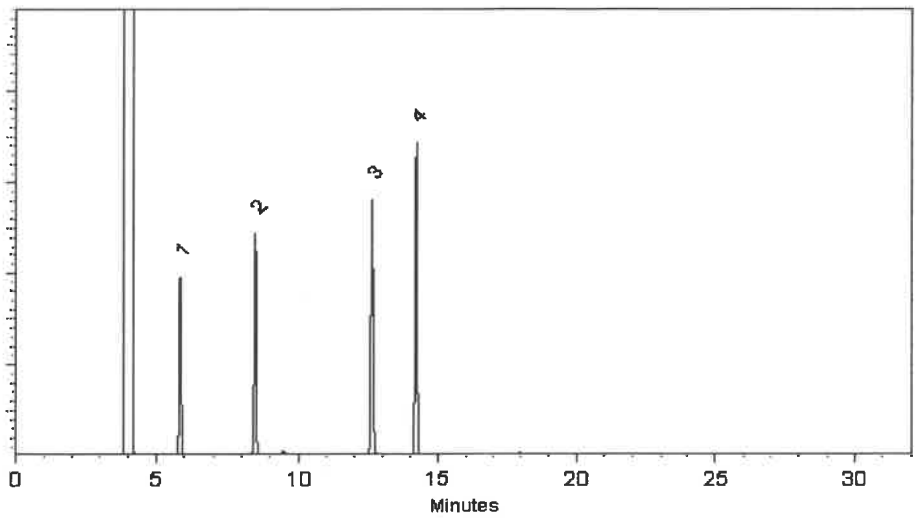
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Dakota Parson - Operations Technician I

Date Mixed: 22-Apr-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Apr-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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CERTIFIED REFERENCE MATERIAL

30 Vial

Certificate of Analysis

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V14727 to
V14756

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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. : 30042 **Lot No.:** A0216826

Description : 502.2 Calibration Mix #1

502.2 Calibration Mix #1 2,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2031 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,000.9 µg/mL	+/- 112.4144
2	Chloromethane (methyl chloride)	74-87-3	00022694	99%	2,000.7 µg/mL	+/- 112.3998
3	Vinyl chloride	75-01-4	00015559	99%	2,000.3 µg/mL	+/- 112.3779
4	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,001.8 µg/mL	+/- 112.4650
5	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,000.1 µg/mL	+/- 112.3700
6	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,000.7 µg/mL	+/- 112.3992

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
60m x 0.25mm x 1.4µm
Rtx-502.2 (cat.#10916)

Carrier Gas:
helium-constant flow 2.0 mL/min.

Temp. Program:
40°C (hold 6 min.) to 100°C
@ 6°C/min.

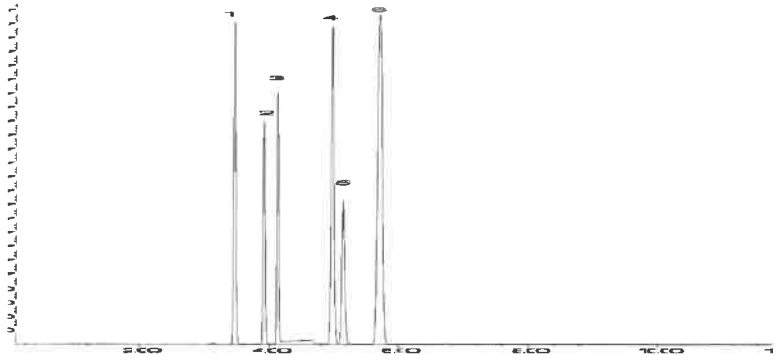
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD

Split Vent:
Split ratio 10:1

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 23-Sep-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 04-Oct-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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CERTIFIED REFERENCE MATERIAL

30 Vial

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V14727 to V14756

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30042 **Lot No.:** A0216826

Description : 502.2 Calibration Mix #1

502.2 Calibration Mix #1 2,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2031 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,000.9 µg/mL	+/- 112.4144
2	Chloromethane (methyl chloride)	74-87-3	00022694	99%	2,000.7 µg/mL	+/- 112.3998
3	Vinyl chloride	75-01-4	00015559	99%	2,000.3 µg/mL	+/- 112.3779
4	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,001.8 µg/mL	+/- 112.4650
5	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,000.1 µg/mL	+/- 112.3700
6	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,000.7 µg/mL	+/- 112.3992

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
60m x 0.25mm x 1.4µm
Rtx-502.2 (cat.#10916)

Carrier Gas:
helium-constant flow 2.0 mL/min.

Temp. Program:
40°C (hold 6 min.) to 100°C
@ 6°C/min.

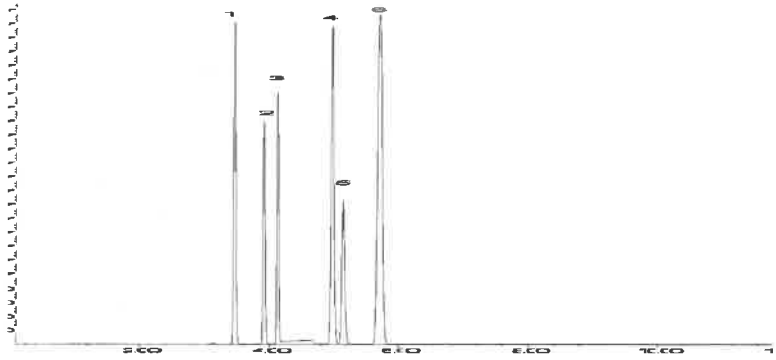
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD

Split Vent:
Split ratio 10:1

Inj. Vol
1µl



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Tom Suckar - Mix Technician

Date Mixed: 23-Sep-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 04-Oct-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

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Purity Notes:

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- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Fax: 1-814-353-1309

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic

V14803 - V14822

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555408-SL **Lot No.:** A0220471

Description : Custom Vinyl Acetate Standard

Custom Vinyl Acetate Standard 8,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RD240423RSR	99%	8,066.0 µg/mL	+/- 278.7979

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

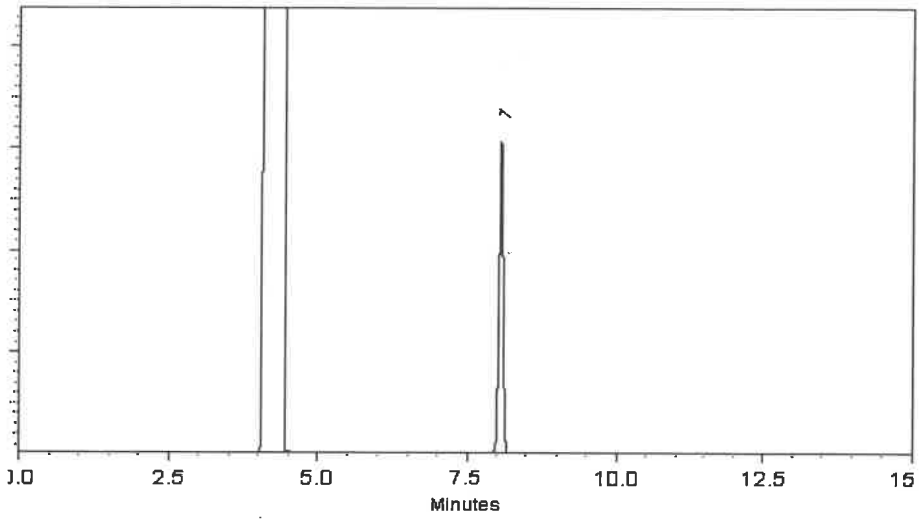
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Ethan Winiarski - Operations Tech I

Date Mixed: 24-Dec-2024 **Balance Serial #** 1127510105

Dillan Murphy - Operations Technician I

Date Passed: 02-Jan-2025

REVIEWED

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

10 vial Rec 01/08/25

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic

V14793 to 14802

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555408-FL **Lot No.:** A0220563

Description : Custom Vinyl Acetate Standard

Custom Vinyl Acetate Standard 8,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RD240423RSR	99%	8,060.0 µg/mL	+/- 278.5905

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

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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.)

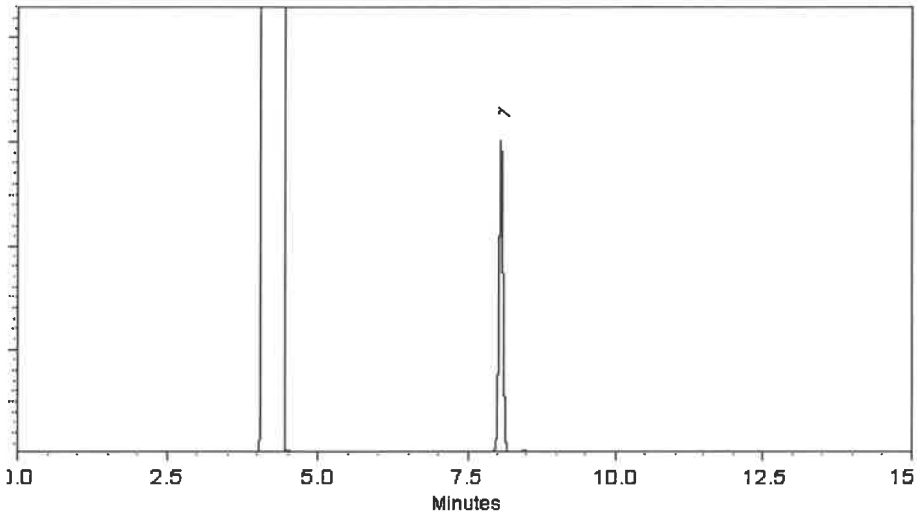
Inj. Temp:
200°C

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 Suckal - Mix Technician

Date Mixed: 30-Dec-2024 **Balance Serial #** B345965662

Dillan Murphy - Operations Technician I

Date Passed: 02-Jan-2025

REVIEWED

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
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$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

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- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

avantor™ | J.T.Baker®

Material No.: 9077-02
Batch No.: 22L0562016
Manufactured Date: 2022-10-26
Expiration Date: 2025-10-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.2 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.2
Titrable Base (µeq/g)	≤ 0.10	0.03
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis - Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

James T Ethier
Jamie Ethier
Vice President Global Quality

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

avantor™ | J.T.Baker®

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Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

James T Ethier
Jamie Ethier
Vice President Global Quality

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

Preservation Log

BalanceID: VOC-SC-2

Review By: pedro

Supervise By: MMDadoda

Seq	LabID	Vial A Weight(g)= Total Wt-Tare Wt	Vial A Time	Vial B Weight(g)= Total Wt-Tare Wt	Vial B Time	Vial C Weight(g) Preserve with MeOH	Vial C Time	Methanol ID	Preservation Date	Comments
1	Q1383-01	38.70-33.17=5.53	09:00	38.64-33.30=5.34	09:01	35.38-30.74=4.64	09:02	V14143	02/20/2025	8260 TERRACORE SAMPLES
2	Q1383-03	38.66-33.04=5.62	09:03	38.86-33.05=5.81	09:04	35.55-30.64=4.91	09:05	V14143	02/20/2025	
3	Q1383-05	38.93-33.17=5.76	09:06	38.99-33.17=5.82	09:07	35.59-30.68=4.91	09:08	V14143	02/20/2025	
4	Q1383-07	38.63-33.18=5.45	09:09	38.77-33.20=5.57	09:10	35.62-30.67=4.95	09:11	V14143	02/20/2025	
5	Q1383-09	38.94-33.07=5.87	09:12	38.23-33.17=5.06	09:13	33.60-30.65=2.95	09:14	V14143	02/20/2025	
6	Q1383-11	38.55-33.26=5.29	09:15	39.00-33.27=5.73	09:16	35.24-30.11=5.13	09:17	V14143	02/20/2025	
7	Q1383-13	38.14-32.78=5.36	09:18	37.83-32.65=5.18	09:19	35.37-30.11=5.26	09:20	V14143	02/20/2025	
8	Q1383-15	38.46-33.16=5.3	09:21	38.74-33.00=5.74	09:22	33.96-30.66=3.3	09:23	V14143	02/20/2025	
9	Q1383-17	38.69-33.08=5.61	09:24	38.91-33.08=5.83	09:25	35.31-30.73=4.58	09:26	V14143	02/20/2025	
10	Q1383-19	39.08-33.07=6.01	09:27	38.67-33.09=5.58	09:28	34.79-30.70=4.09	09:29	V14143	02/20/2025	
11	Q1383-21	38.69-33.16=5.53	09:30	38.65-32.88=5.77	09:31	35.03-30.69=4.34	09:32	V14143	02/20/2025	

Instructions : For medium Level analysis, 5ml MeOH added for CLP(SOM/SFAM) method and 10ml for regular 8260.

If the samples are not to be analyzed within 48hrs of sampling, preserve samples immediately, Vials A and B are stored in the VOA-FRZ-2.

Vial C - MeOH preserved vials are kept in VOA-REF #6.

QA Contorl # A3041177

SHIPPING DOCUMENTS

Q1383

Chemtech

Phone: (908) 789-8900
Fax: (908) 789-8922
284 Sheffield Street, Mountainside, NJ 07092

http://www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 4_01/08/2020

Company Name:	Nobis Group
Address:	55 Technology Dr Suite 101, Lowell, MA 01851
Phone:	978-703-6014
Project Name:	Raymark
Project Location:	Stratford, CT
Project Number:	95700
Project Manager:	Adam Roy
Con-Test Quote Name/Number:	
Invoice Recipient:	
Sampled By:	A. Brittingham

Requested Turnaround Time
5-Day ☐ 10-Day ☑
PFAS 10-Day (std) ☐ Due Date:

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
CLP Like Data Pkg Required: ☐ No
Email To: aroy@nobis-group.com
Fax To #:

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

PCB ONLY
SOXHLET ☑
NON SOXHLET ☐

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1] Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	M/O	RCP VOCs	% Solids	PAHs	Herbicides	Pesticides	PCBs	Metals ICP + Hg - 6010	Cyanide	SPLP RCP Metals - 6020	
	OU4-PCS-TC-11-021725	2/17/25	9:20	G	SO		3	2	1				X	X	X	X	X	X	X	X	X	
	OU4-PCS-TC-12-021725	2/17/25	9:25	G	SO		3	2	1				X	X	X	X	X	X	X	X	X	
	OU4-PCS-TC-13-021725	2/17/25	9:30	G	SO		3	2	1				X	X	X	X	X	X	X	X	X	
	OU4-PCS-TC-14-021725	2/17/25	9:35	G	SO		3	2	1				X	X	X	X	X	X	X	X	X	
	OU4-PCS-TC-15-021725	2/17/25	9:40	G	SO		3	2	1				X	X	X	X	X	X	X	X	X	
	OU4-PCS-TC-16-021725	2/17/25	9:45	G	SO		3	2	1				X	X	X	X	X	X	X	X	X	
	OU4-PCS-TC-17-021725	2/17/25	9:50	G	SO		3	2	1				X	X	X	X	X	X	X	X	X	
	OU4-PCS-TC-18-021725	2/17/25	9:55	G	SO		3	2	1				X	X	X	X	X	X	X	X	X	
	OU4-PCS-TC-19-021725	2/17/25	10:00	G	SO		3	2	1				X	X	X	X	X	X	X	X	X	
	OU4-PCS-TC-20-021725	2/17/25	10:05	G	SO		3	2	1				X	X	X	X	X	X	X	X	X	
	OU4-CF-15-021725	2/17/25	8:15	G	SO		3	2	1				X	X	X	X	X	X	X	X	X	

[2] Preservation Code

Container Type Only
Total Number Of:
VIALS_____
GLASS_____
PLASTIC_____
BACTERIA_____
ENCORE_____

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N

*Contest is not responsible for missing samples from prepacked coolers

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Relinquished by: (signature)	Date/Time: 2/17/25 1200
Received by: (signature)	Date/Time: 2-18-25 10:25
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Client Comments:

Detection Limit Requirements
MA
CT
Other:

Special Requirements
☐ MA MCP Required
MCP Certification Form Required
☑ CT RCP Required
RCP Certification Form Required
☐ MA State DW Required
PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; **M** - Medium; **L** - Low; **C** - Clean; **U** - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity
Government ☐ Municipality ☐ MWRA ☐ WRTA ☐
Federal ☐ 21 J ☐ School ☐
City ☐ Brownfield ☐ MBTA ☐

Other
☐ Chromatogram
☐ *AIHA-LAP,LLC*

Lab Comments:

IR Cont # 1
3.1 C

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Con-Test values your partnership on each project and will try to assist with missing information, but will not be held accountable.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1383 NOBI03 **Order Date :** 2/18/2025 11:19:00 AM **Project Mgr :**
Client Name : Nobis Group **Project Name :** Raymark Superfund Site **Report Type :** Level 4
Client Contact : Adam Roy **Receive DateTime :** 2/18/2025 10:25:00 AM **EDD Type :** EQUIS
Invoice Name : Nobis Group **Purchase Order :** **Hard Copy Date :**
Invoice Contact : Adam Roy **Date Signoff :**

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1383-01	OU4-PCS-TC-11-021725	Solid	02/17/2025	09:20					
					VOCMS Group3		8260D	10 Bus. Days	
Q1383-03	OU4-PCS-TC-12-021725	Solid	02/17/2025	09:25					
					VOCMS Group3		8260D	10 Bus. Days	
Q1383-05	OU4-PCS-TC-13-021725	Solid	02/17/2025	09:30					
					VOCMS Group3		8260D	10 Bus. Days	
Q1383-07	OU4-PCS-TC-14-021725	Solid	02/17/2025	09:35					
					VOCMS Group3		8260D	10 Bus. Days	
Q1383-09	OU4-PCS-TC-15-021725	Solid	02/17/2025	09:40					
					VOCMS Group3		8260D	10 Bus. Days	
Q1383-11	OU4-PCS-TC-16-021725	Solid	02/17/2025	09:45					
					VOCMS Group3		8260D	10 Bus. Days	
Q1383-13	OU4-PCS-TC-17-021725	Solid	02/17/2025	09:50					
					VOCMS Group3		8260D	10 Bus. Days	
Q1383-15	OU4-PCS-TC-18-021725	Solid	02/17/2025	09:55					

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID :	Q1383 NOBI03	**Order Date :**	2/18/2025 11:19:00 AM	**Project Mgr :**	
Client Name :	Nobis Group	**Project Name :**	Raymark Superfund Site	**Report Type :**	Level 4
Client Contact :	Adam Roy	**Receive DateTime :**	2/18/2025 10:25:00 AM	**EDD Type :**	EQUIS
Invoice Name :	Nobis Group	**Purchase Order :**		**Hard Copy Date :**	
Invoice Contact :	Adam Roy			**Date Signoff :**	

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD		FAX DATE	DUE DATES
					VOCMS Group3		8260D	10 Bus. Days		
Q1383-17	OU4-PCS-TC-19-021725	Solid	02/17/2025	10:00						
					VOCMS Group3		8260D	10 Bus. Days		
Q1383-19	OU4-PCS-TC-20-021725	Solid	02/17/2025	10:05						
					VOCMS Group3		8260D	10 Bus. Days		
Q1383-21	~~OU4-PCS-TC-1~~-021725 OU4-EF-15	Solid	02/17/2025	08:15						
					VOCMS Group3		8260D	10 Bus. Days		

Relinguished By : CP
Date / Time : 2-18-25 1245

Received By : [signature]
Date / Time : 02/18/25

Storage Area : VOA Refridgerator Room

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021020.D
Acq On : 03 Feb 2025 10:35
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Feb 03 12:37:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.719	168	185671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	293189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	242257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	113107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	10514	6.651	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 13.300%#			
35) Dibromofluoromethane	7.640	113	10294	5.840	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 11.680%#			
50) Toluene-d8	10.115	98	37973	5.520	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 11.040%#			
62) 4-Bromofluorobenzene	12.414	95	12237	5.301	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 10.600%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.873	85	9330	5.910	ug/l	94
3) Chloromethane	2.080	50	9736	9.700	ug/l	98
4) Vinyl Chloride	2.214	62	9942	9.607	ug/l	100
5) Bromomethane	2.611	94	6604	9.426	ug/l	92
6) Chloroethane	2.751	64	5863	9.698	ug/l	89
7) Trichlorofluoromethane	3.074	101	17163	6.872	ug/l	96
8) Diethyl Ether	3.470	74	5090	6.827	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.830	101	10891	6.476	ug/l	93
10) Methyl Iodide	4.019	142	9923	5.156	ug/l	97
11) Tert butyl alcohol	4.878	59	3893	33.712	ug/l #	73
12) 1,1-Dichloroethene	3.805	96	9831	6.255	ug/l	89
13) Acrolein	3.665	56	5116	38.472	ug/l	94
14) Allyl chloride	4.403	41	16131	7.456	ug/l	93
15) Acrylonitrile	5.086	53	10135	33.047	ug/l #	73
16) Acetone	3.891	43	8118	37.678	ug/l	99
17) Carbon Disulfide	4.123	76	31063	6.417	ug/l	99
18) Methyl Acetate	4.397	43	5577	7.397	ug/l	92
19) Methyl tert-butyl Ether	5.128	73	23603	6.452	ug/l	98
20) Methylene Chloride	4.635	84	10585	6.661	ug/l	94
21) trans-1,2-Dichloroethene	5.141	96	10724	6.364	ug/l	91
22) Diisopropyl ether	6.031	45	32323	7.329	ug/l	94
23) Vinyl Acetate	5.976	43	87000	35.621	ug/l	97
24) 1,1-Dichloroethane	5.933	63	20490	7.202	ug/l	96
25) 2-Butanone	6.915	43	12466	34.105	ug/l	93
26) 2,2-Dichloropropane	6.890	77	19144	6.834	ug/l	98
27) cis-1,2-Dichloroethene	6.909	96	12299	6.350	ug/l	93
28) Bromochloromethane	7.256	49	6919	6.527	ug/l	85
29) Tetrahydrofuran	7.281	42	8193	33.310	ug/l	92
30) Chloroform	7.439	83	20552	6.669	ug/l	96
31) Cyclohexane	7.713	56	20287	7.295	ug/l #	85
32) 1,1,1-Trichloroethane	7.628	97	19818	6.645	ug/l	97
36) 1,1-Dichloropropene	7.841	75	15667	6.231	ug/l	95
37) Ethyl Acetate	6.994	43	6383	6.809	ug/l #	74
38) Carbon Tetrachloride	7.829	117	17709	5.691	ug/l	99
39) Methylcyclohexane	9.116	83	17860	5.287	ug/l	93
40) Benzene	8.091	78	44324	5.991	ug/l	98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021020.D
Acq On : 03 Feb 2025 10:35
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Feb 03 12:37:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.281	41	8572	16.526 ug/l #	21
42) 1,2-Dichloroethane	8.164	62	12762	6.801 ug/l	98
43) Isopropyl Acetate	8.207	43	11839	6.321 ug/l #	86
44) Trichloroethene	8.878	130	11751	5.756 ug/l	93
45) 1,2-Dichloropropane	9.146	63	10477	6.318 ug/l	99
46) Dibromomethane	9.244	93	5885	6.098 ug/l	91
47) Bromodichloromethane	9.433	83	15477	6.107 ug/l	94
48) Methyl methacrylate	9.231	41	5280	5.922 ug/l	93
49) 1,4-Dioxane	9.250	88	940	91.663 ug/l #	93
51) 4-Methyl-2-Pentanone	10.006	43	29573	30.730 ug/l	91
52) Toluene	10.182	92	26760	5.572 ug/l	96
53) t-1,3-Dichloropropene	10.402	75	12933	5.639 ug/l	97
54) cis-1,3-Dichloropropene	9.865	75	15488	5.650 ug/l #	90
55) 1,1,2-Trichloroethane	10.579	97	7651	5.961 ug/l	92
56) Ethyl methacrylate	10.451	69	8418	5.018 ug/l #	82
57) 1,3-Dichloropropane	10.725	76	12714	5.845 ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	21035	29.542 ug/l	95
59) 2-Hexanone	10.774	43	18159	29.030 ug/l	90
60) Dibromochloromethane	10.920	129	10511	5.744 ug/l	96
61) 1,2-Dibromoethane	11.024	107	6810	5.555 ug/l	96
64) Tetrachloroethene	10.652	164	9915	5.426 ug/l	96
65) Chlorobenzene	11.450	112	29973	5.872 ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	10524	5.810 ug/l	98
67) Ethyl Benzene	11.530	91	50904	5.760 ug/l	97
68) m/p-Xylenes	11.639	106	37399	11.015 ug/l	98
69) o-Xylene	11.963	106	17519	5.550 ug/l	99
70) Styrene	11.981	104	27946	5.333 ug/l	99
71) Bromoform	12.145	173	5607	5.252 ug/l #	97
73) Isopropylbenzene	12.261	105	46625	5.869 ug/l	100
74) N-amyl acetate	12.085	43	8887	6.144 ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.517	83	8001	6.240 ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	10605	11.844 ug/l #	100
77) Bromobenzene	12.542	156	10698	5.680 ug/l	90
78) n-propylbenzene	12.603	91	54990	5.907 ug/l	99
79) 2-Chlorotoluene	12.688	91	32479	6.123 ug/l	99
80) 1,3,5-Trimethylbenzene	12.749	105	37564	5.772 ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	2446	5.671 ug/l	92
82) 4-Chlorotoluene	12.786	91	32824	6.046 ug/l	99
83) tert-Butylbenzene	13.005	119	33572	5.562 ug/l	95
84) 1,2,4-Trimethylbenzene	13.054	105	36016	5.665 ug/l	100
85) sec-Butylbenzene	13.188	105	49828	5.831 ug/l	99
86) p-Isopropyltoluene	13.304	119	40197	5.597 ug/l	98
87) 1,3-Dichlorobenzene	13.298	146	21910	5.966 ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	21553	5.910 ug/l	95
89) n-Butylbenzene	13.627	91	36214	5.630 ug/l	96
90) Hexachloroethane	13.895	117	8559	5.891 ug/l	98
91) 1,2-Dichlorobenzene	13.670	146	18869	5.892 ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.285	75	1125	5.699 ug/l	82
93) 1,2,4-Trichlorobenzene	14.932	180	9000	4.590 ug/l	98
94) Hexachlorobutadiene	15.035	225	6792	5.001 ug/l	99
95) Naphthalene	15.157	128	12124	3.847 ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	7255	4.375 ug/l	95

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021020.D
Acq On : 03 Feb 2025 10:35
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Feb 03 12:37:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

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

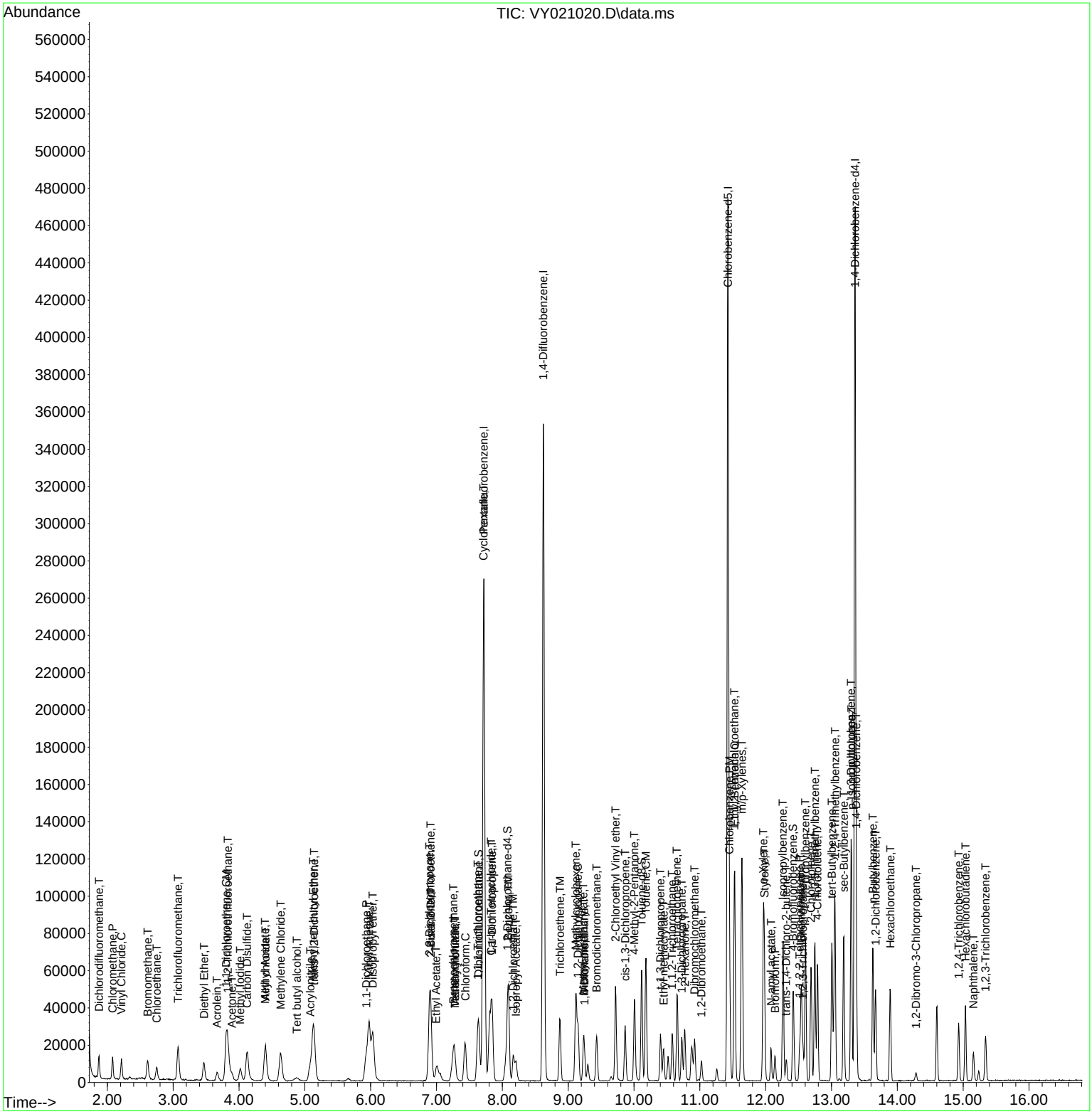
(#) = qualifier out of range (m) = manual integration (+) = signals summed

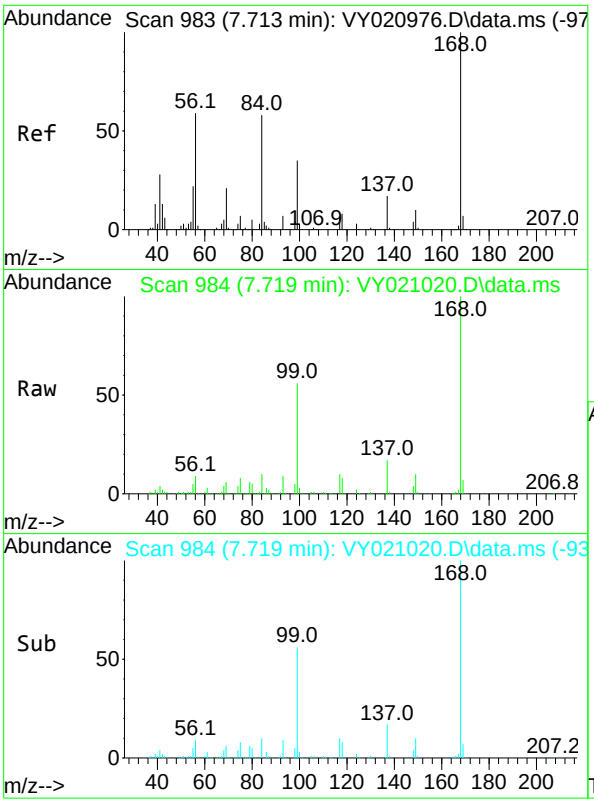
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021020.D
Acq On : 03 Feb 2025 10:35
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Feb 03 12:37:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration



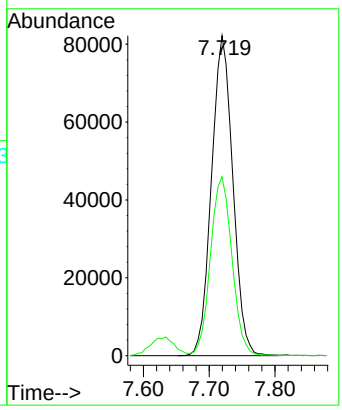


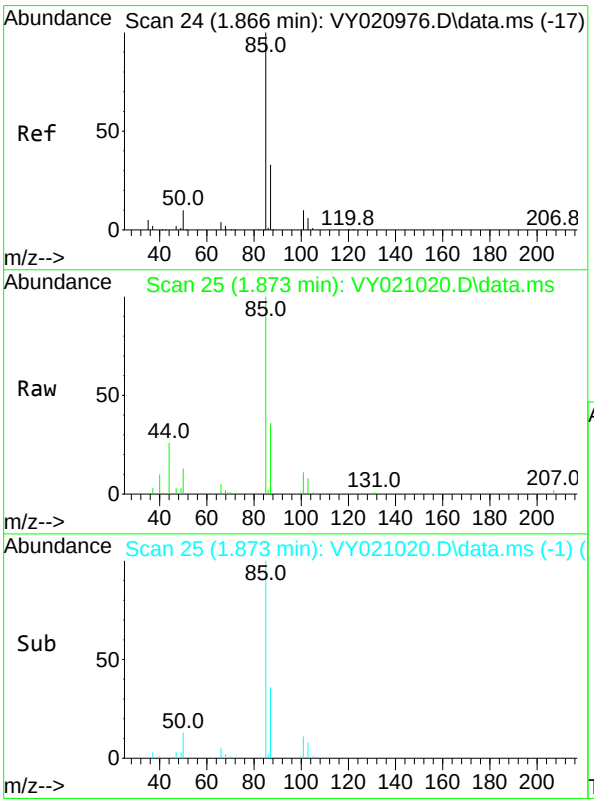
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:168 Resp: 185671

Ion	Ratio	Lower	Upper
168	100		
99	55.8	42.2	63.2

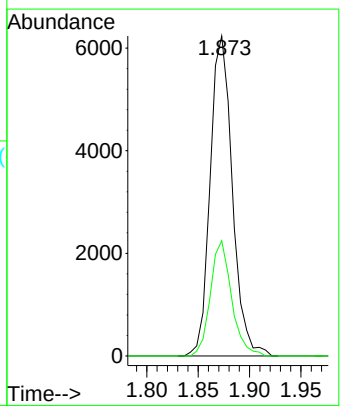


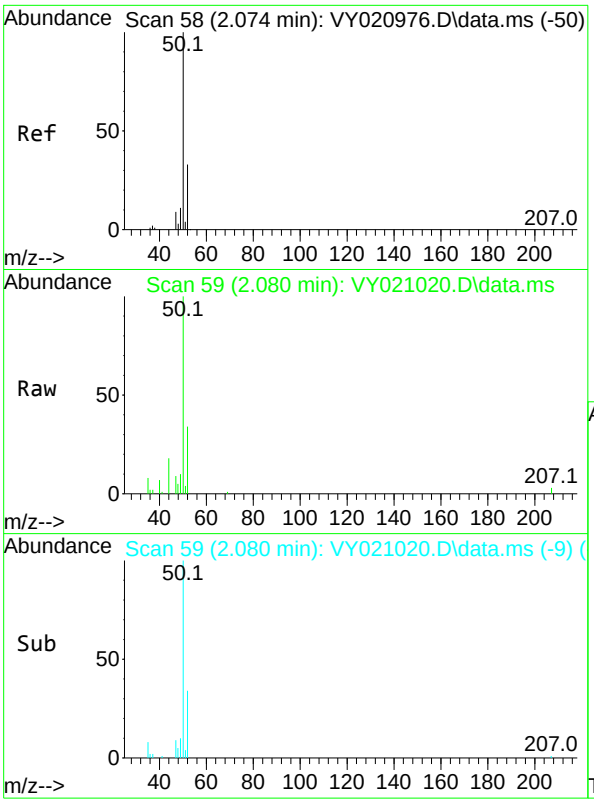


#2
Dichlorodifluoromethane
Concen: 5.910 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 85 Resp: 9330

Ion	Ratio	Lower	Upper
85	100		
87	36.0	16.3	48.9



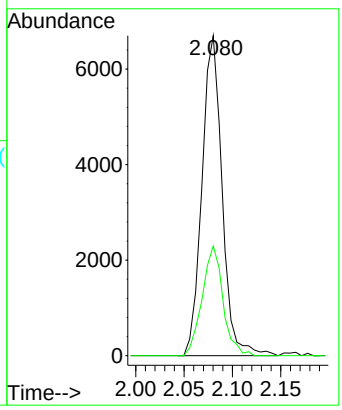


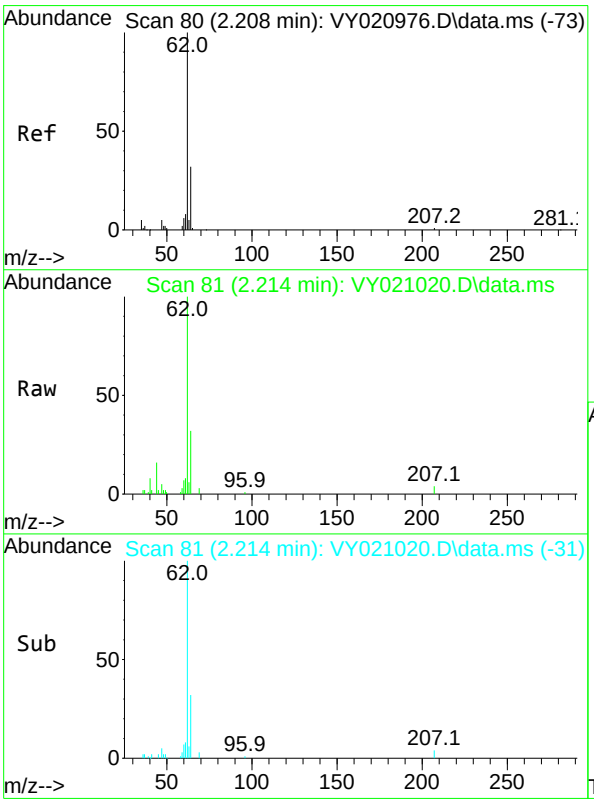
#3
Chloromethane
Concen: 9.700 ug/l
RT: 2.080 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 9736

Ion	Ratio	Lower	Upper
50	100		
52	34.3	26.3	39.5

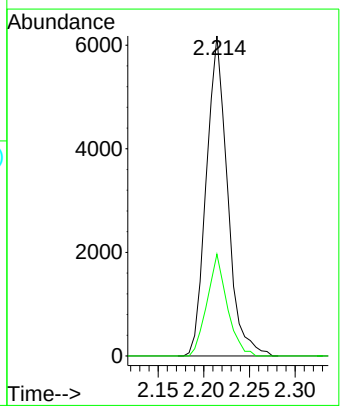


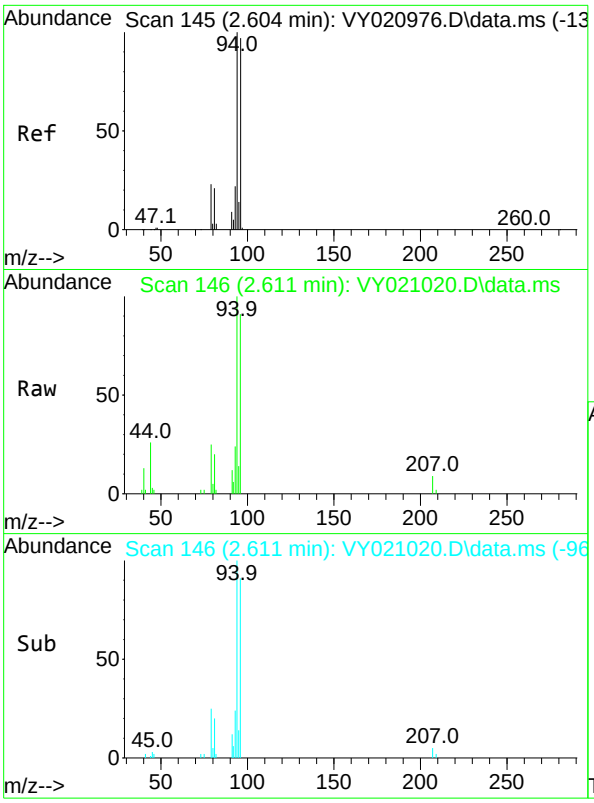


#4
Vinyl Chloride
Concen: 9.607 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 62 Resp: 9942

Ion	Ratio	Lower	Upper
62	100		
64	31.8	25.4	38.2



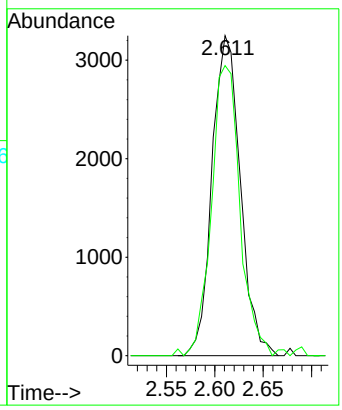


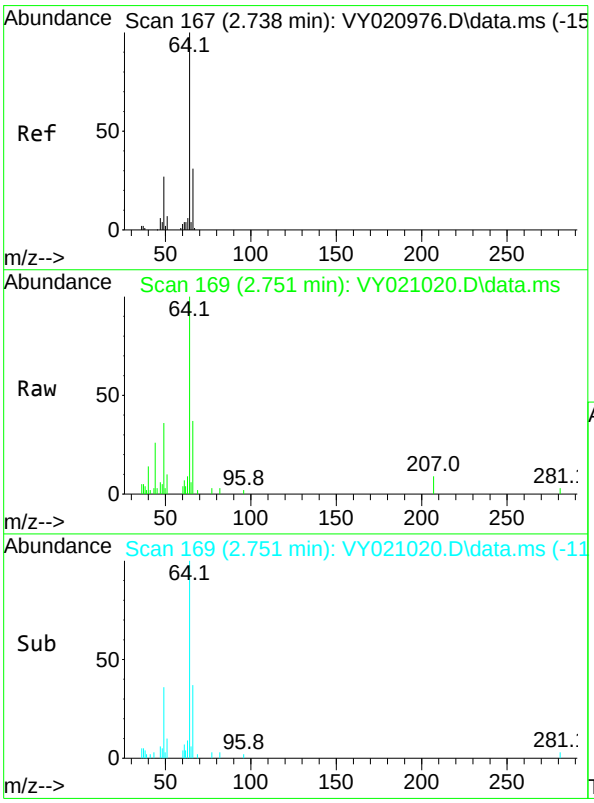
#5
Bromomethane
Concen: 9.426 ug/l
RT: 2.611 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 6604

Ion	Ratio	Lower	Upper
94	100		
96	88.9	77.4	116.0

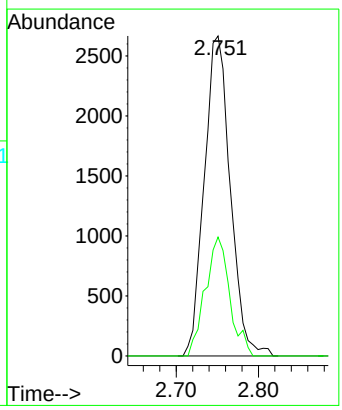


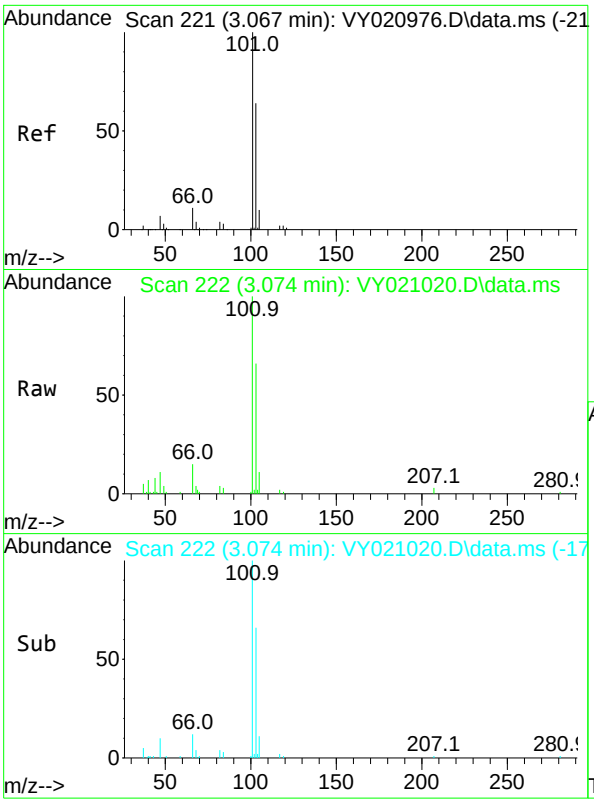


#6
Chloroethane
Concen: 9.698 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.013 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 64 Resp: 5863

Ion	Ratio	Lower	Upper
64	100		
66	37.1	25.0	37.4



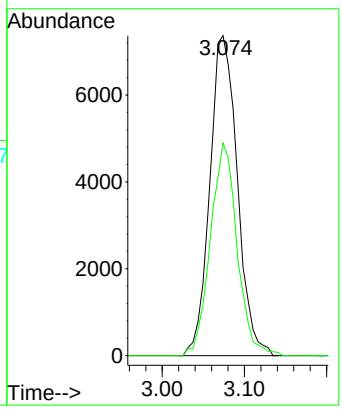


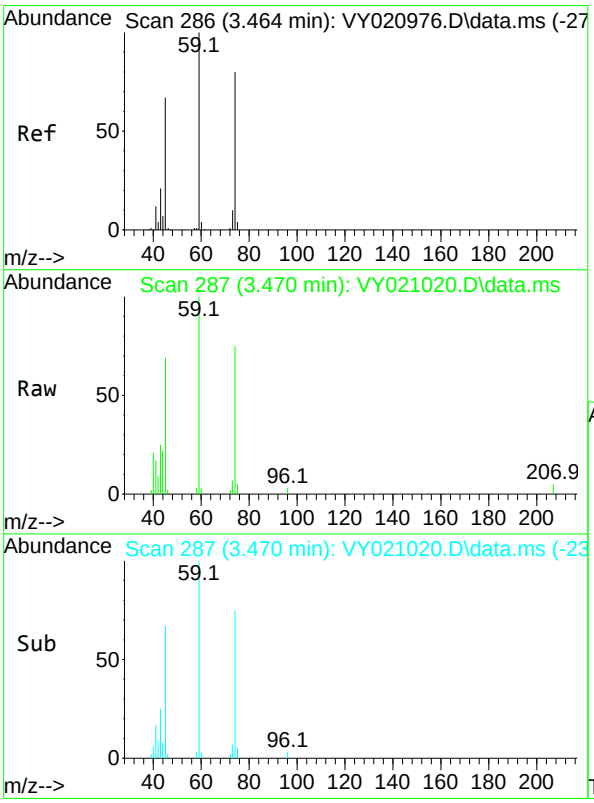
#7
Trichlorofluoromethane
Concen: 6.872 ug/l
RT: 3.074 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 17163

Ion	Ratio	Lower	Upper
101	100		
103	66.4	50.9	76.3

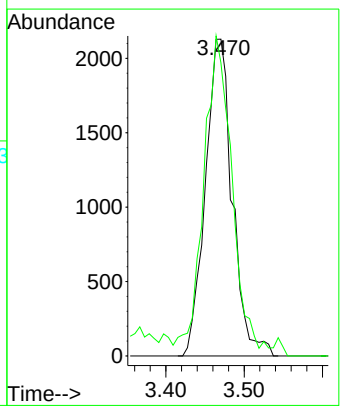


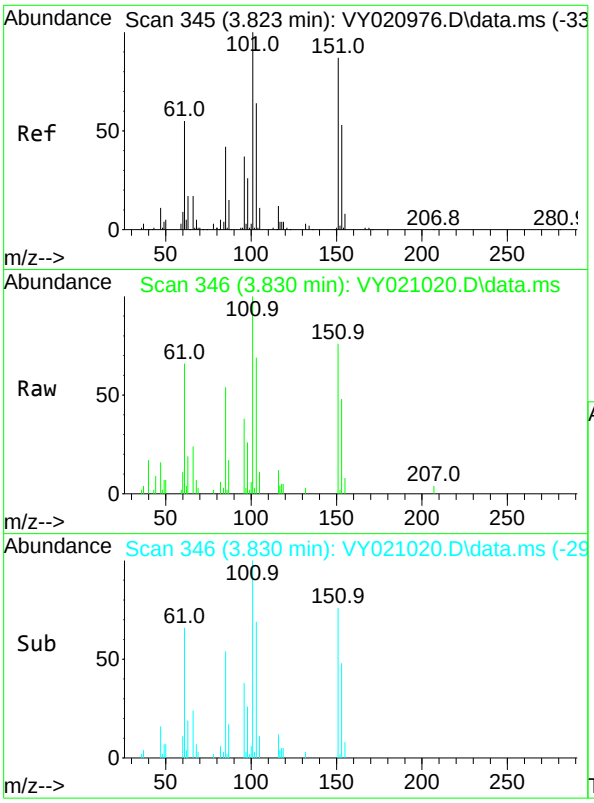


#8
Diethyl Ether
Concen: 6.827 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 74 Resp: 5090

Ion	Ratio	Lower	Upper
74	100		
45	107.1	43.4	130.2



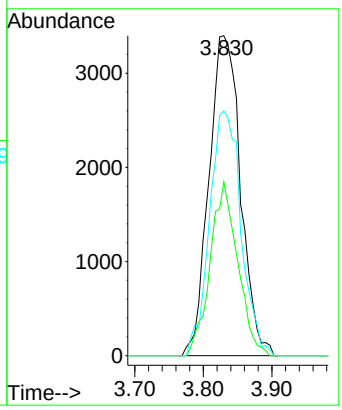


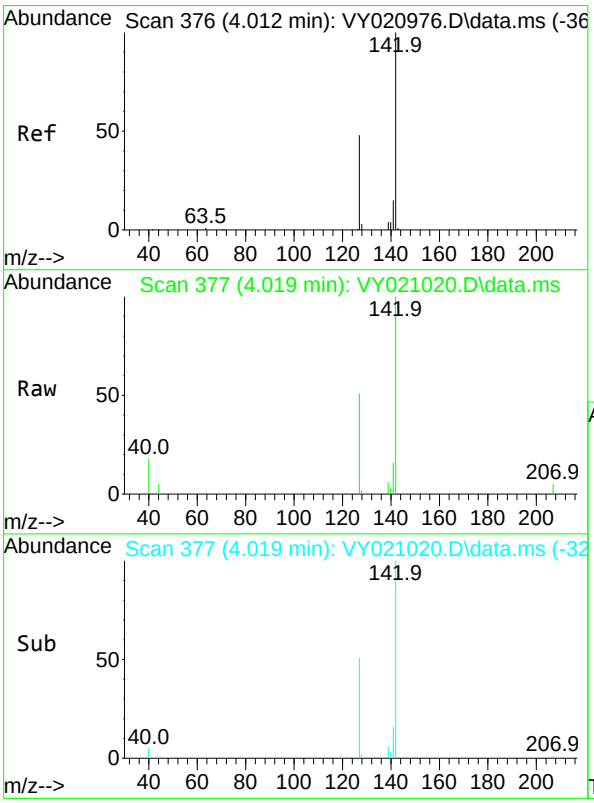
#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.476 ug/l
RT: 3.830 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 10891

Ion	Ratio	Lower	Upper
101	100		
85	47.3	34.9	52.3
151	76.2	66.8	100.2

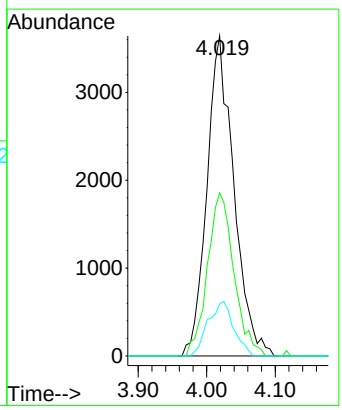


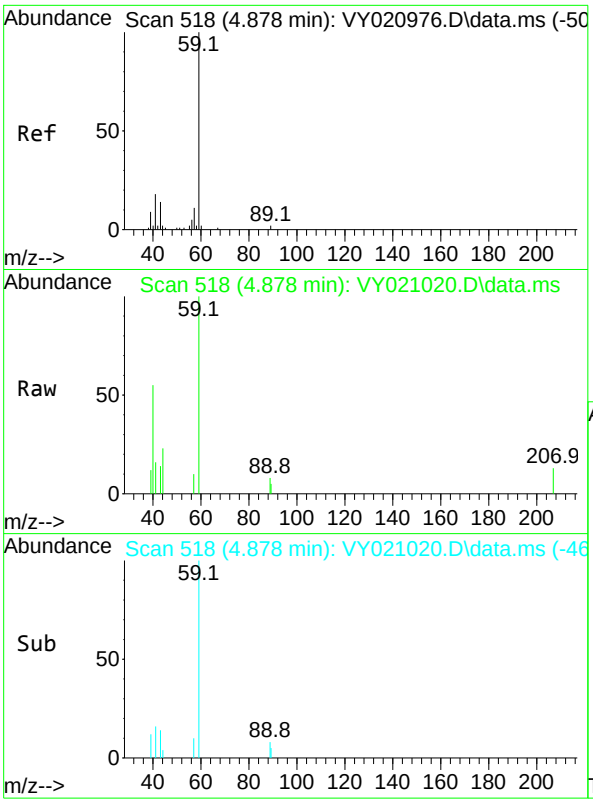


#10
Methyl Iodide
Concen: 5.156 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:142 Resp: 9923

Ion	Ratio	Lower	Upper
142	100		
127	50.1	38.9	58.3
141	16.3	11.7	17.5



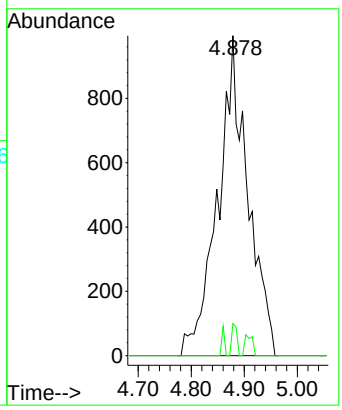


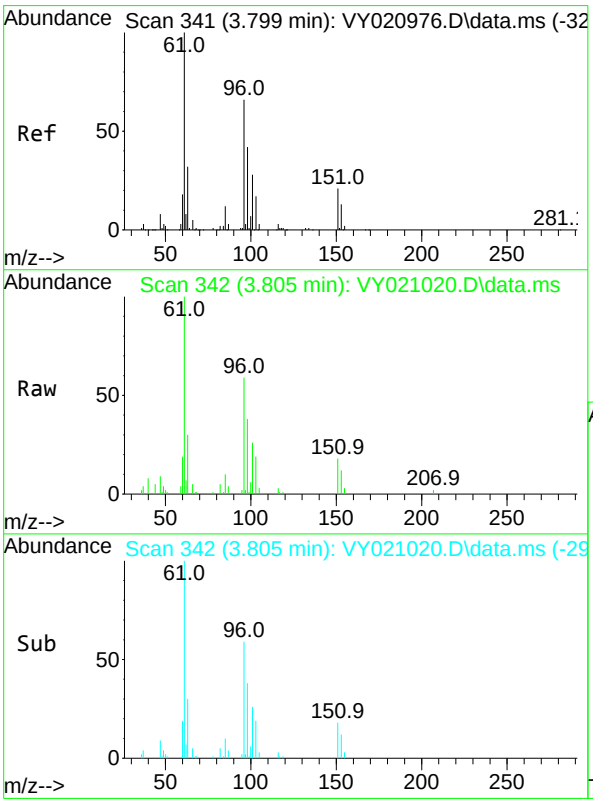
#11
Tert butyl alcohol
Concen: 33.712 ug/l
RT: 4.878 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 3893

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

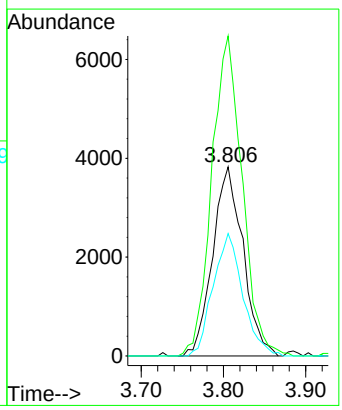


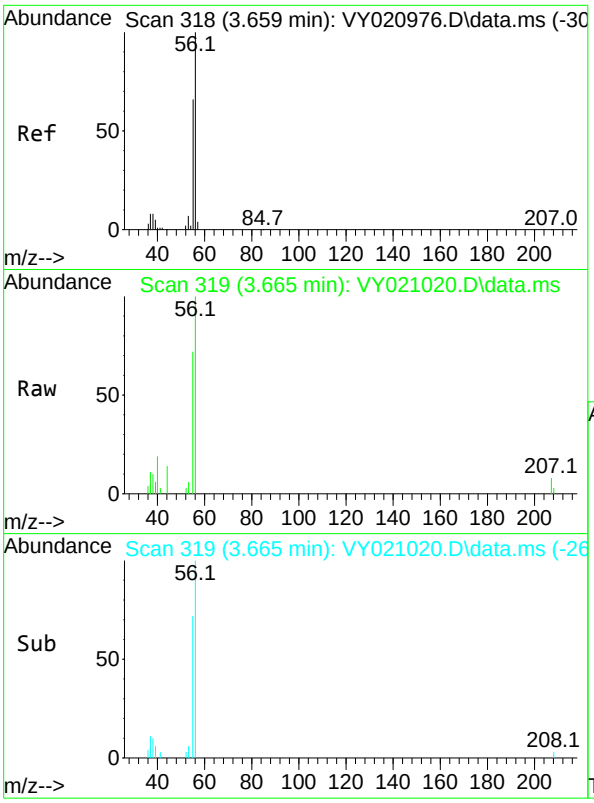


#12
1,1-Dichloroethene
Concen: 6.255 ug/l
RT: 3.805 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 96 Resp: 9831

Ion	Ratio	Lower	Upper
96	100		
61	169.2	120.8	181.2
98	64.7	50.6	76.0



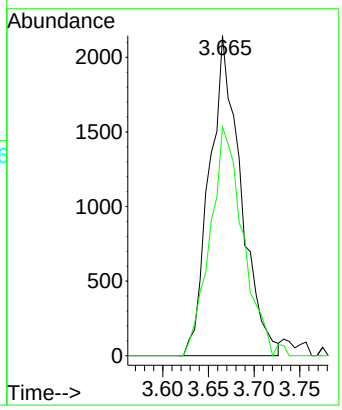


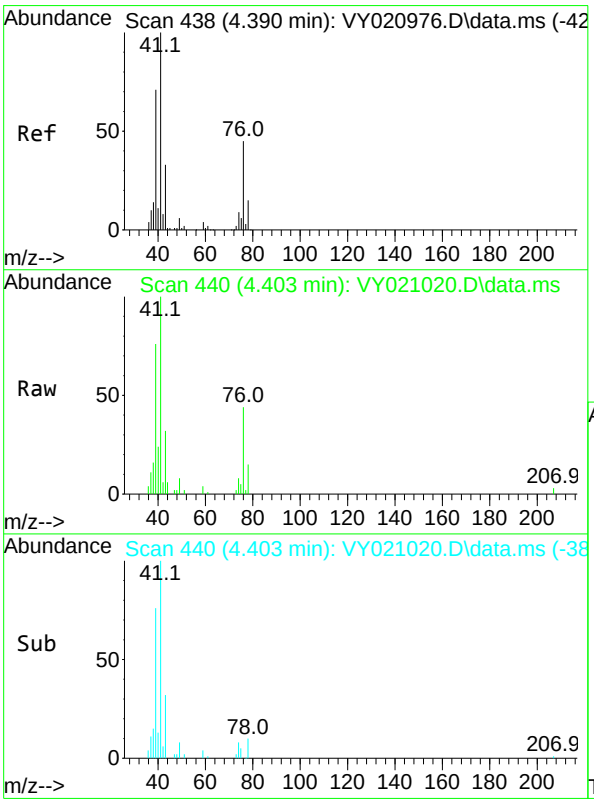
#13
Acrolein
Concen: 38.472 ug/l
RT: 3.665 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 5116

Ion	Ratio	Lower	Upper
56	100		
55	75.4	56.1	84.1

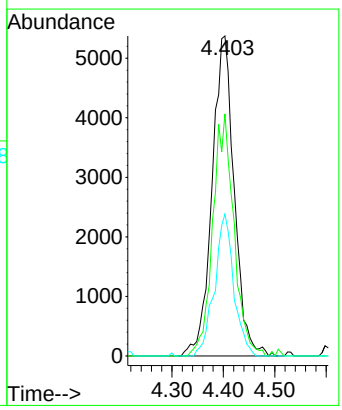


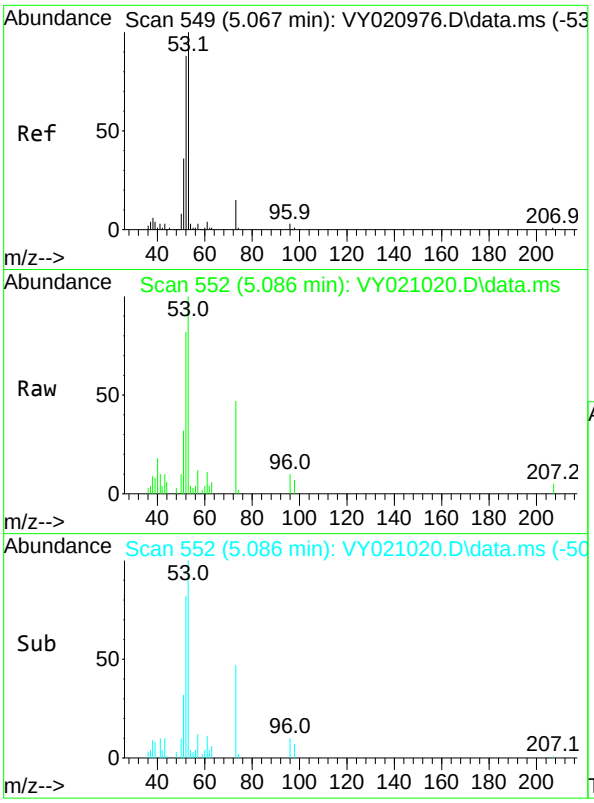


#14
Allyl chloride
Concen: 7.456 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.013 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 41 Resp: 16131

Ion	Ratio	Lower	Upper
41	100		
39	71.9	53.5	80.3
76	38.4	34.6	52.0



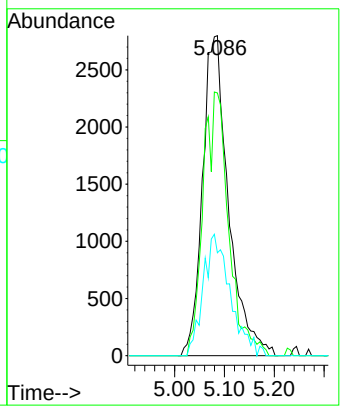


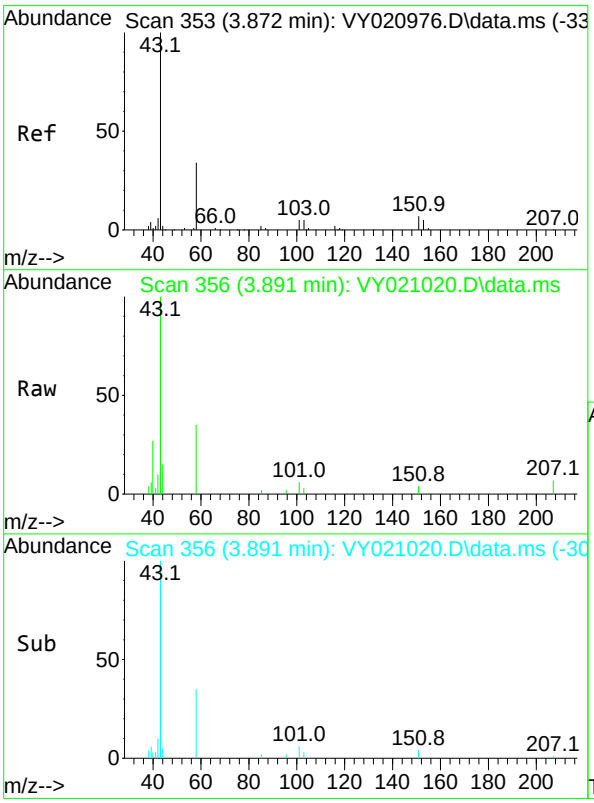
#15
Acrylonitrile
Concen: 33.047 ug/l
RT: 5.086 min Scan# 5
Delta R.T. 0.019 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 53 Resp: 10135

Ion	Ratio	Lower	Upper
53	100		
52	50.1	66.2	99.4#
51	39.5	29.4	44.0

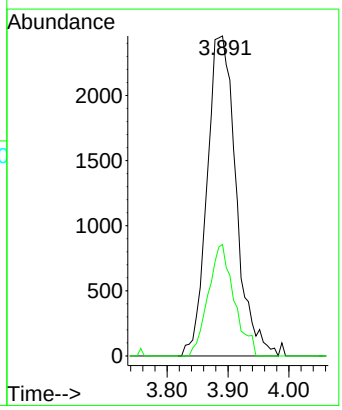


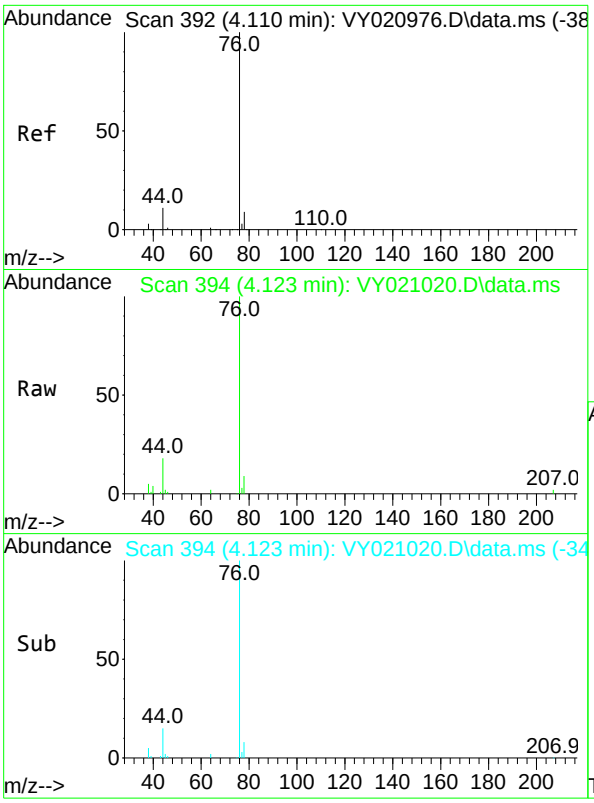


#16
Acetone
Concen: 37.678 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.019 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 43 Resp: 8118

Ion	Ratio	Lower	Upper
43	100		
58	34.8	28.4	42.6



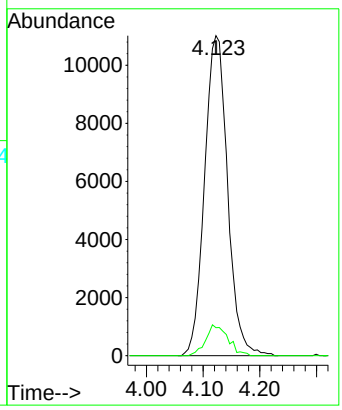


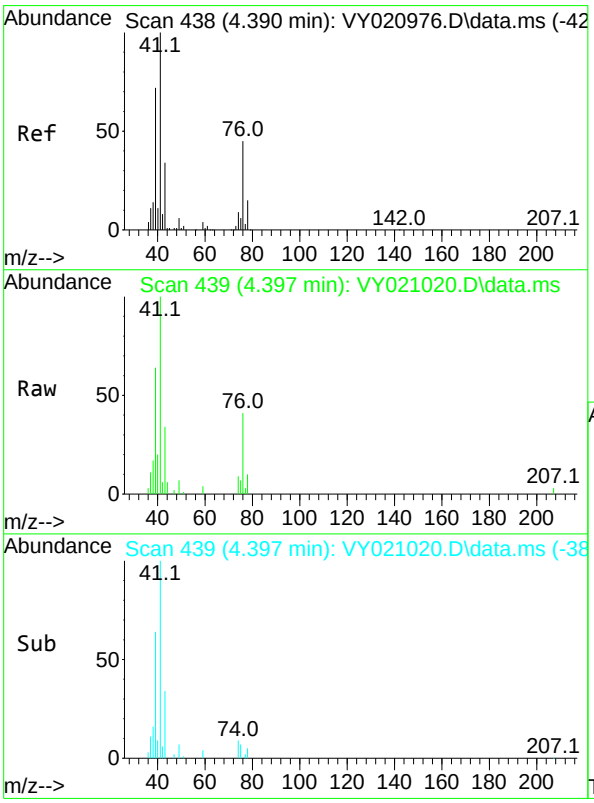
#17
Carbon Disulfide
Concen: 6.417 ug/l
RT: 4.123 min Scan# 3
Delta R.T. 0.013 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 31063

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.3	10.9

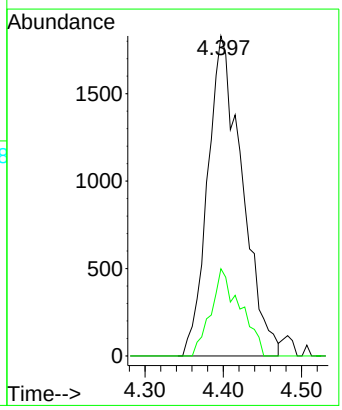


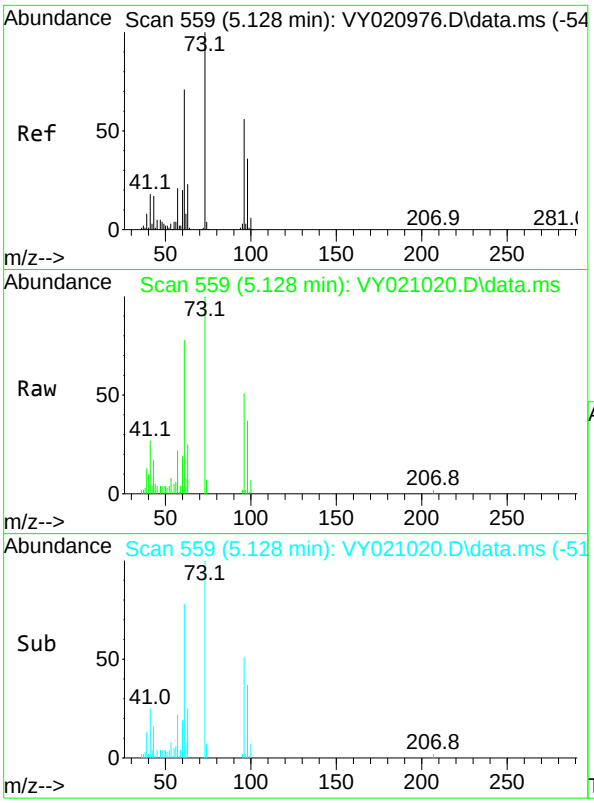


#18
Methyl Acetate
Concen: 7.397 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 43 Resp: 5577

Ion	Ratio	Lower	Upper
43	100		
74	23.4	22.2	33.4



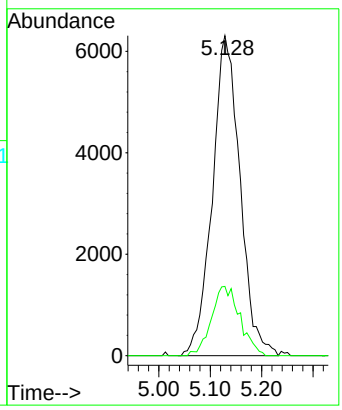


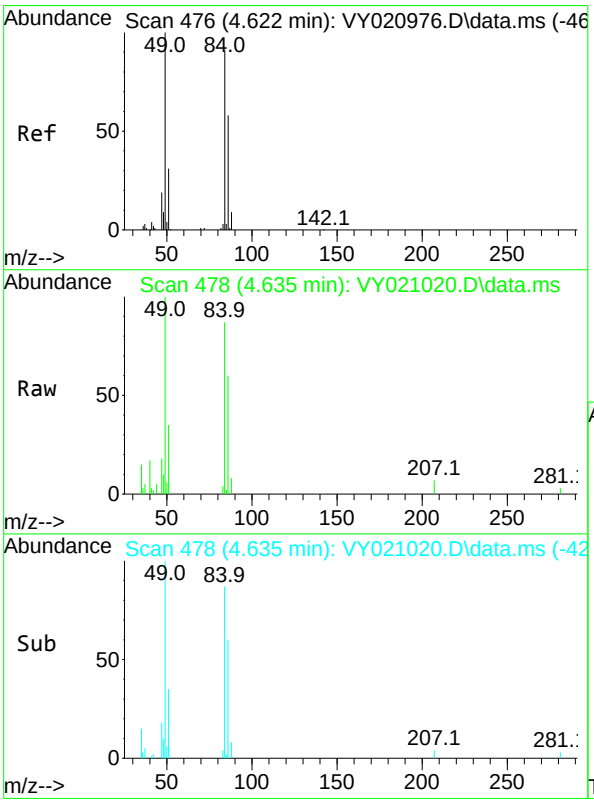
#19
Methyl tert-butyl Ether
Concen: 6.452 ug/l
RT: 5.128 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 23603

Ion	Ratio	Lower	Upper
73	100		
57	21.6	16.6	25.0

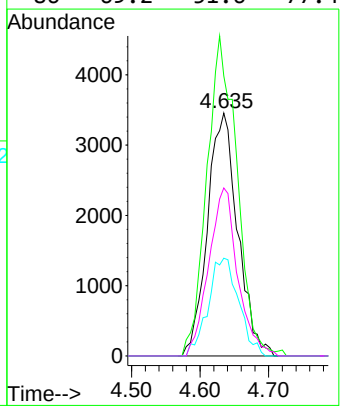


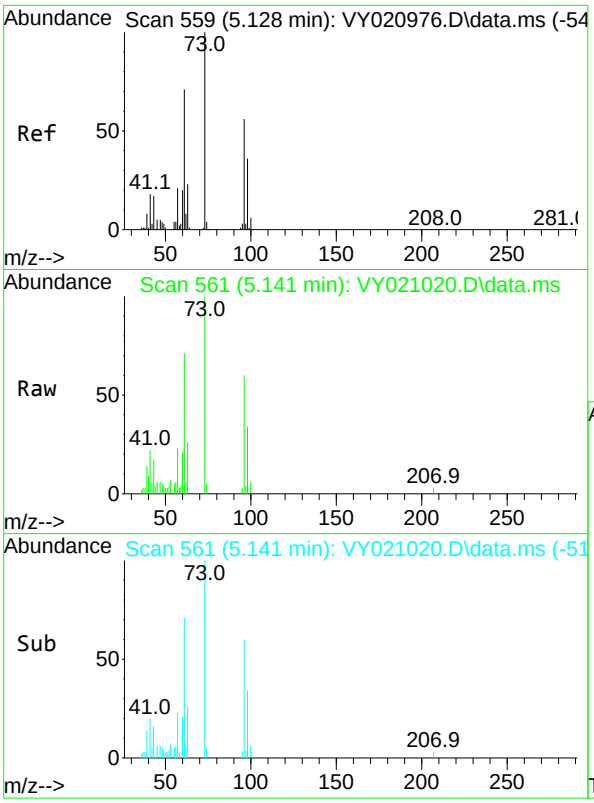


#20
Methylene Chloride
Concen: 6.661 ug/l
RT: 4.635 min Scan# 478
Delta R.T. 0.013 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 84 Resp: 10585

Ion	Ratio	Lower	Upper
84	100		
49	115.3	88.3	132.5
51	40.2	27.7	41.5
86	69.2	51.6	77.4



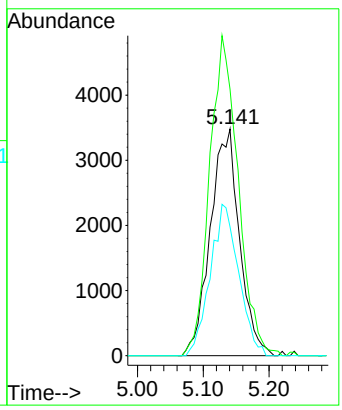


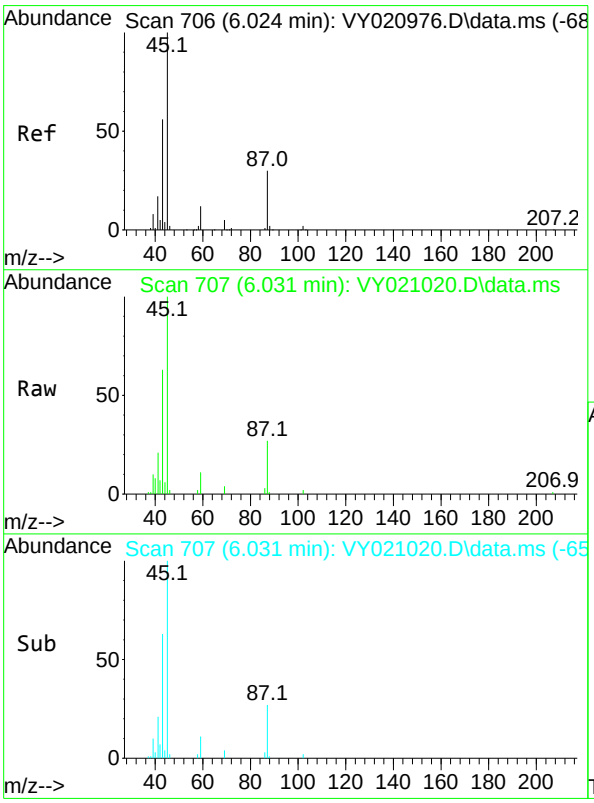
#21
trans-1,2-Dichloroethene
Concen: 6.364 ug/l
RT: 5.141 min Scan# 5
Delta R.T. 0.013 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 10724

Ion	Ratio	Lower	Upper
96	100		
61	117.6	101.5	152.3
98	56.8	52.0	78.0

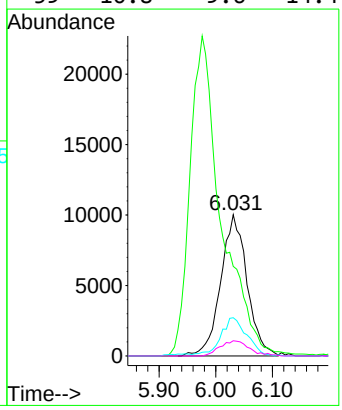


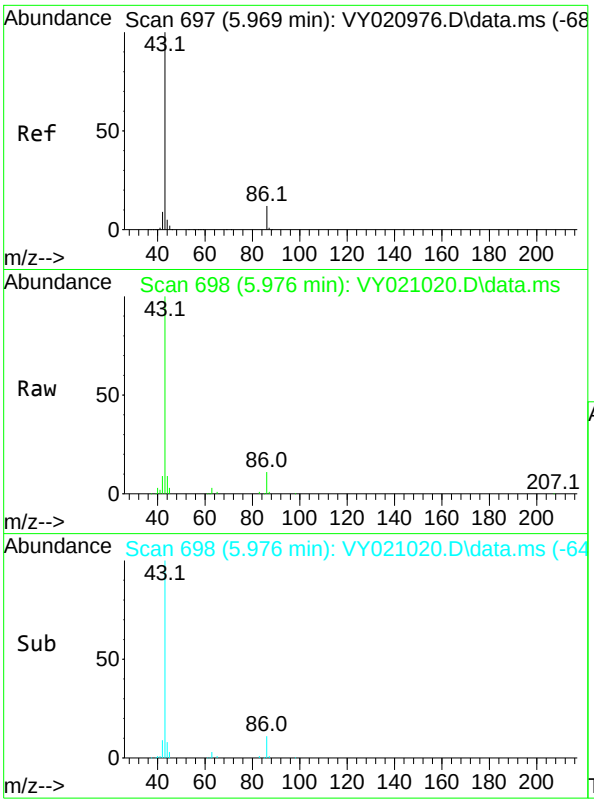


#22
Diisopropyl ether
Concen: 7.329 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 45 Resp: 32323

Ion	Ratio	Lower	Upper
45	100		
43	60.4	45.1	67.7
87	26.3	25.0	37.4
59	10.8	9.6	14.4



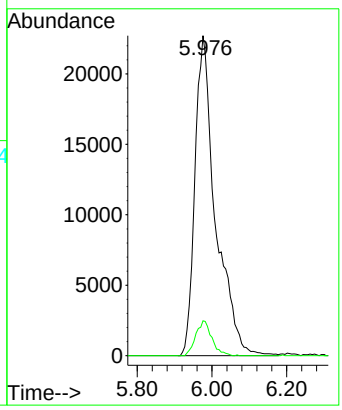


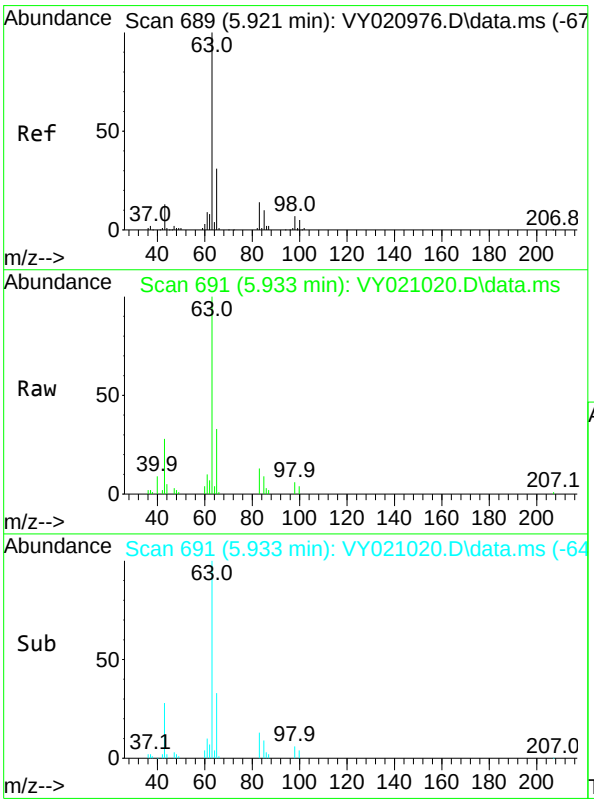
#23
Vinyl Acetate
Concen: 35.621 ug/l
RT: 5.976 min Scan# 6
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 87000

Ion	Ratio	Lower	Upper
43	100		
86	10.9	9.7	14.5

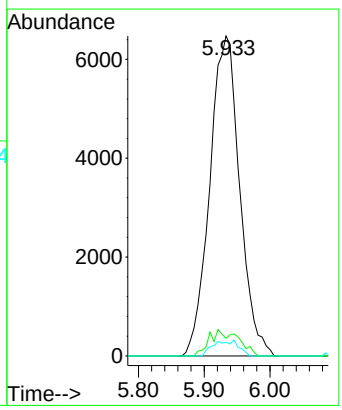


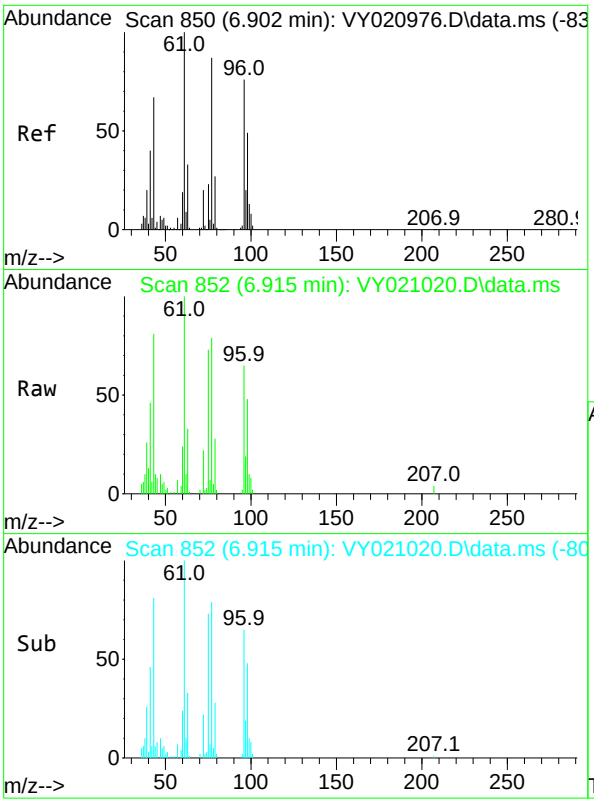


#24
1,1-Dichloroethane
Concen: 7.202 ug/l
RT: 5.933 min Scan# 691
Delta R.T. 0.013 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 63 Resp: 20490

Ion	Ratio	Lower	Upper
63	100		
98	5.5	3.7	11.1
100	4.3	2.4	7.2



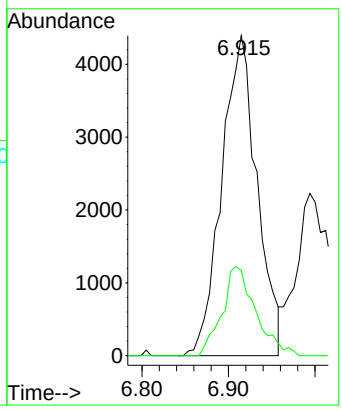


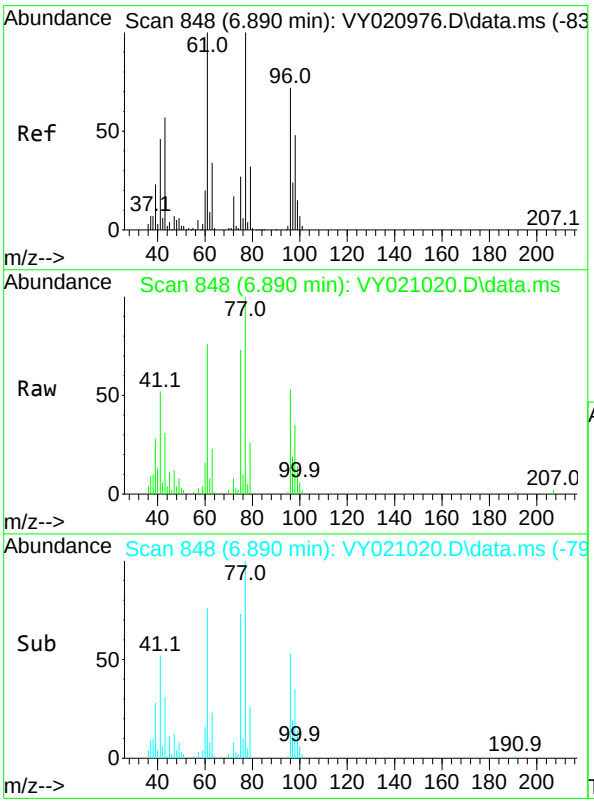
#25
2-Butanone
Concen: 34.105 ug/l
RT: 6.915 min Scan# 8
Delta R.T. 0.013 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 12466

Ion	Ratio	Lower	Upper
43	100		
72	26.7	24.3	36.5

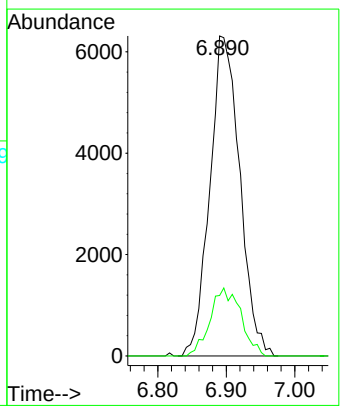


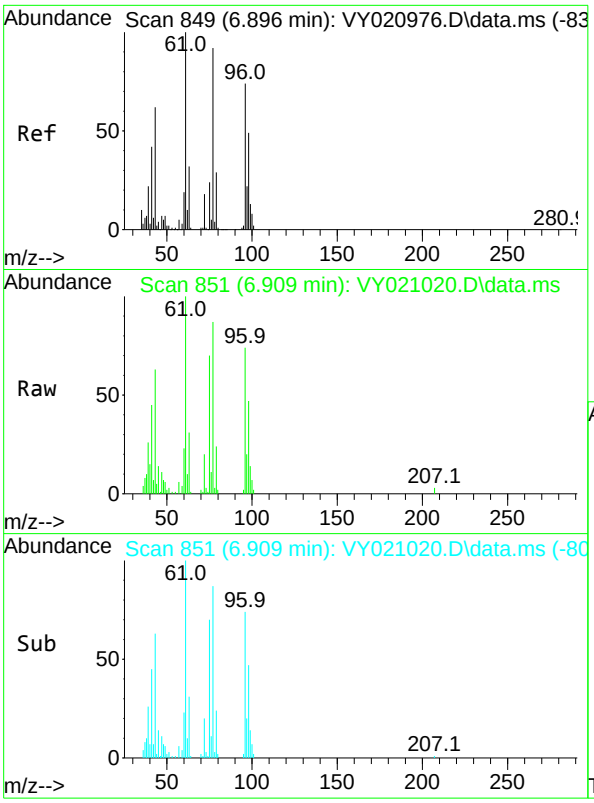


#26
2,2-Dichloropropane
Concen: 6.834 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 77 Resp: 19144

Ion	Ratio	Lower	Upper
77	100		
97	21.9	11.4	34.2



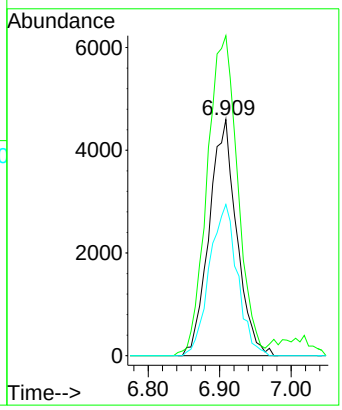


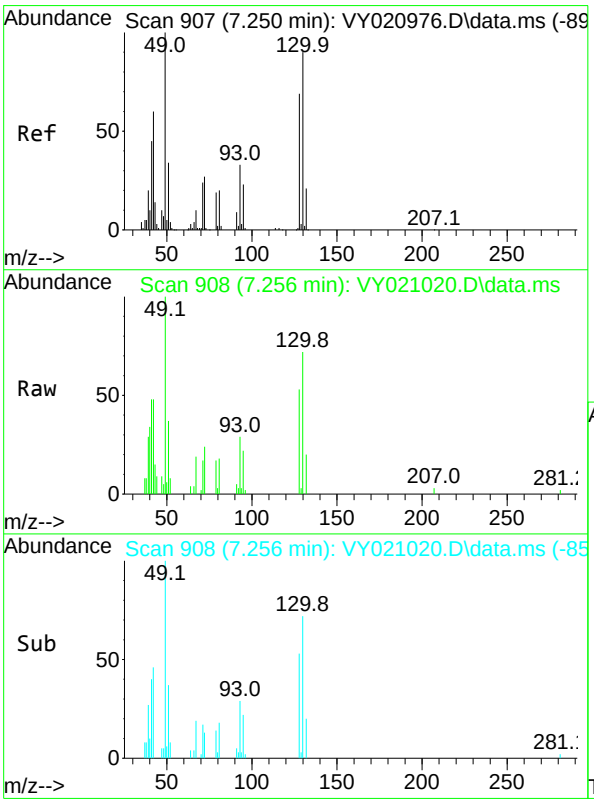
#27
cis-1,2-Dichloroethene
Concen: 6.350 ug/l
RT: 6.909 min Scan# 8
Delta R.T. 0.013 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 12299

Ion	Ratio	Lower	Upper
96	100		
61	150.2	0.0	274.0
98	65.1	0.0	130.4

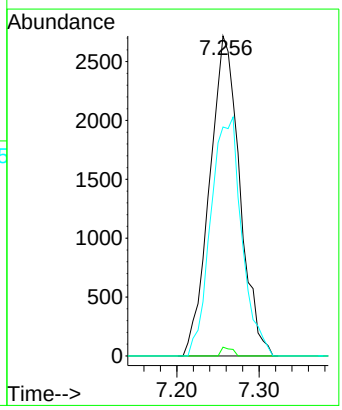


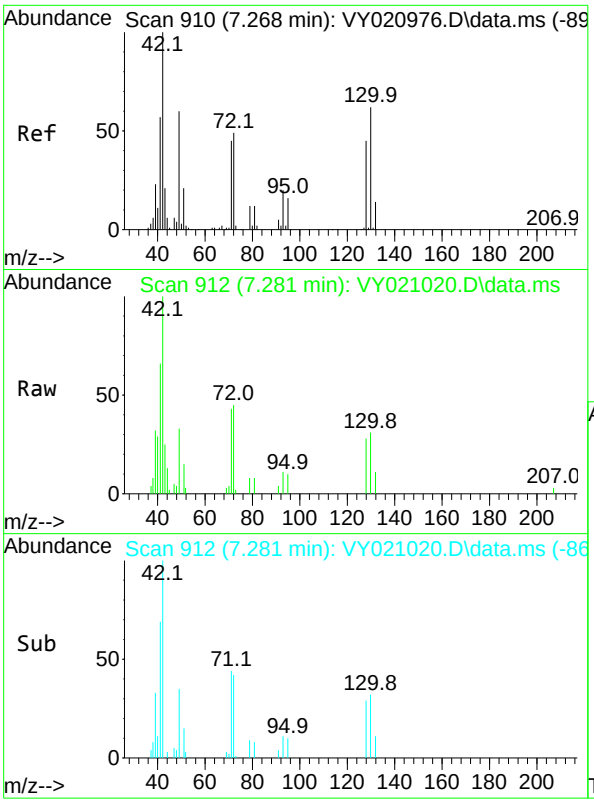


#28
Bromochloromethane
Concen: 6.527 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 49 Resp: 6919

Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	5.0
130	76.6	73.2	109.8



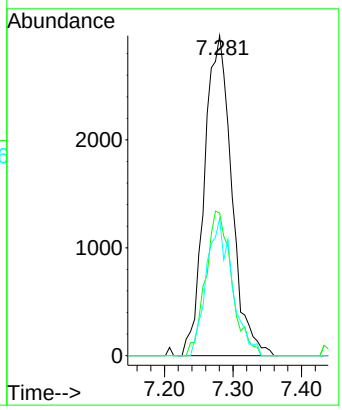


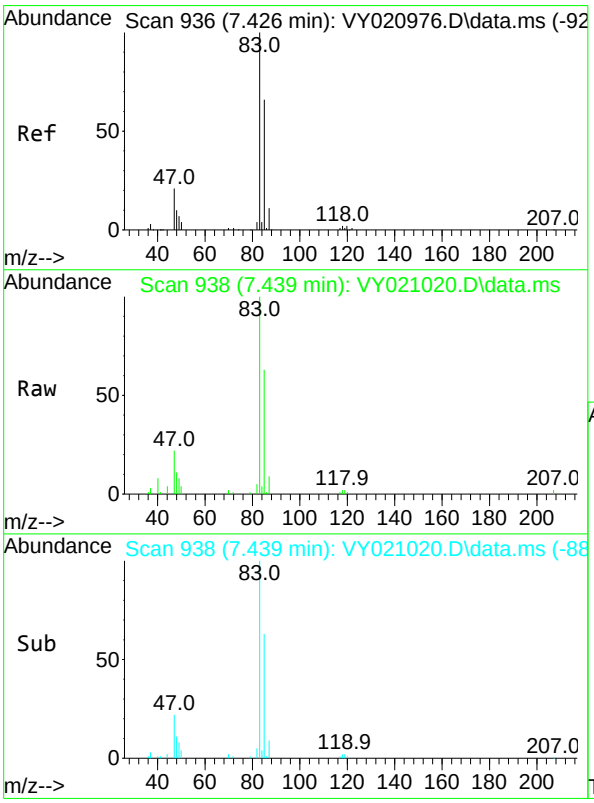
#29
Tetrahydrofuran
Concen: 33.310 ug/l
RT: 7.281 min Scan# 91
Delta R.T. 0.013 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 42 Resp: 8193

Ion	Ratio	Lower	Upper
42	100		
72	43.4	39.3	58.9
71	40.6	36.1	54.1

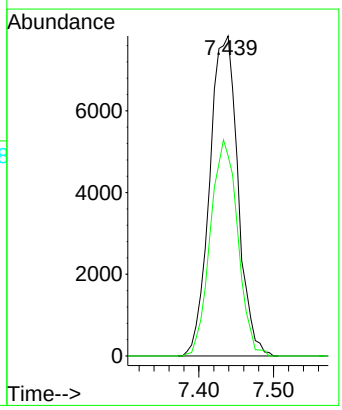


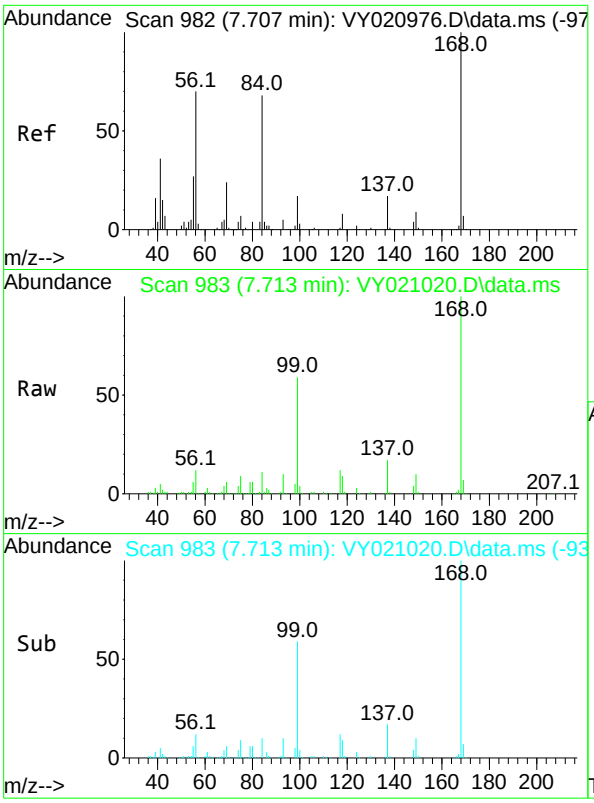


#30
Chloroform
Concen: 6.669 ug/l
RT: 7.439 min Scan# 938
Delta R.T. 0.013 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 83 Resp: 20552

Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.9	79.3



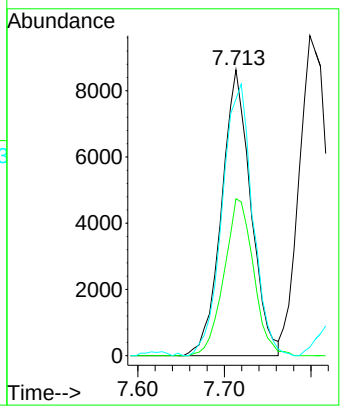


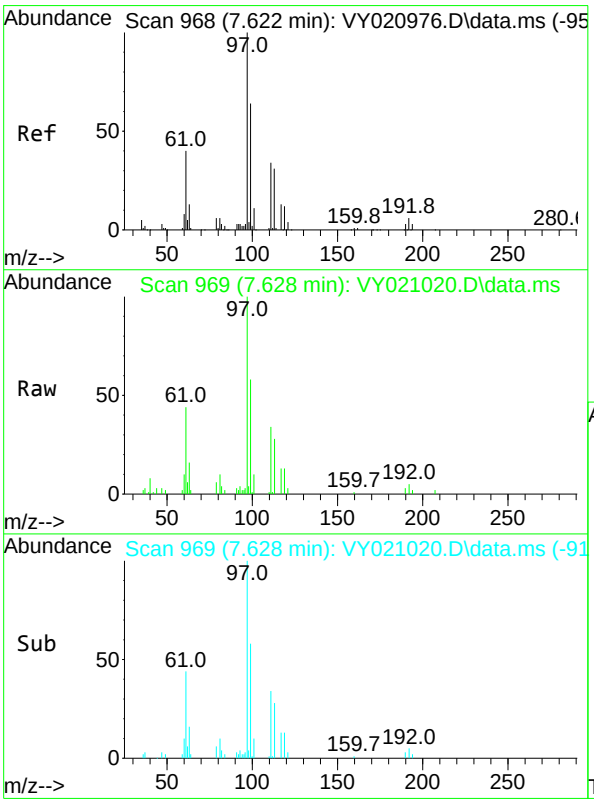
#31
Cyclohexane
Concen: 7.295 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 20287

Ion	Ratio	Lower	Upper
56	100		
69	54.9	27.7	41.5#
84	88.9	77.5	116.3

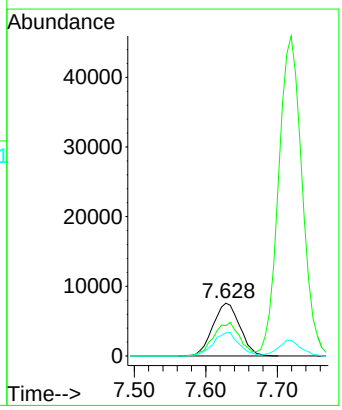


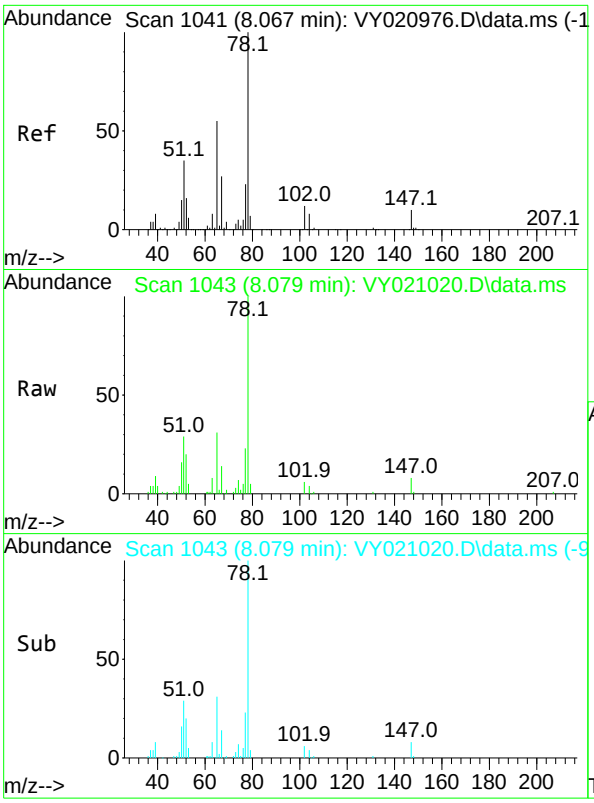


#32
1,1,1-Trichloroethane
Concen: 6.645 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 97 Resp: 19818

Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.4	77.0
61	42.5	31.4	47.0



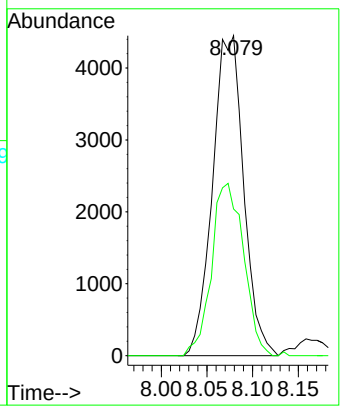


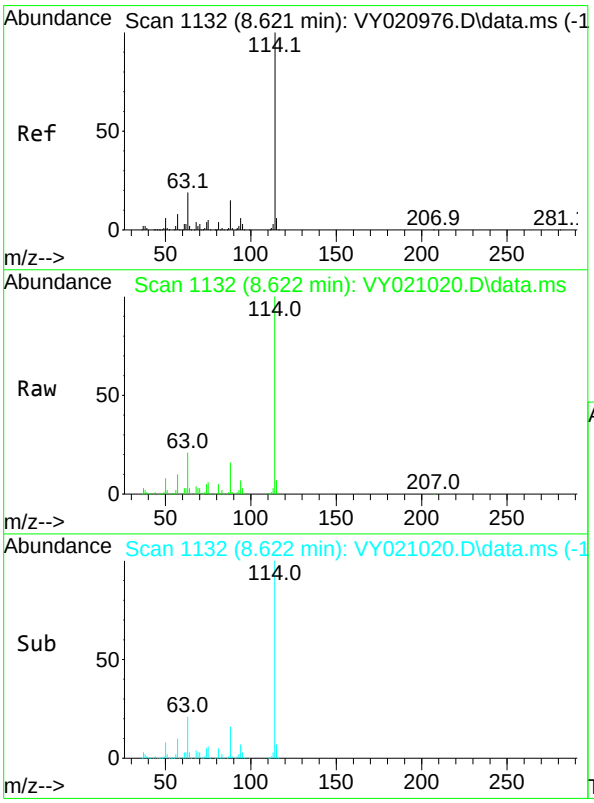
#33
1,2-Dichloroethane-d4
Concen: 6.651 ug/l
RT: 8.079 min Scan# 1
Delta R.T. 0.013 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 65 Resp: 10514

Ion	Ratio	Lower	Upper
65	100		
67	55.5	0.0	104.4

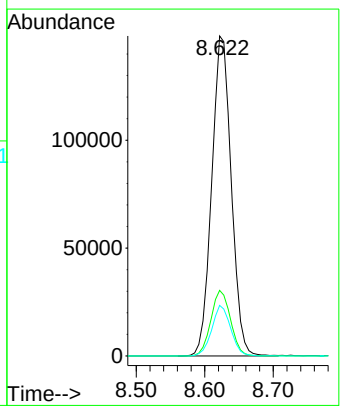


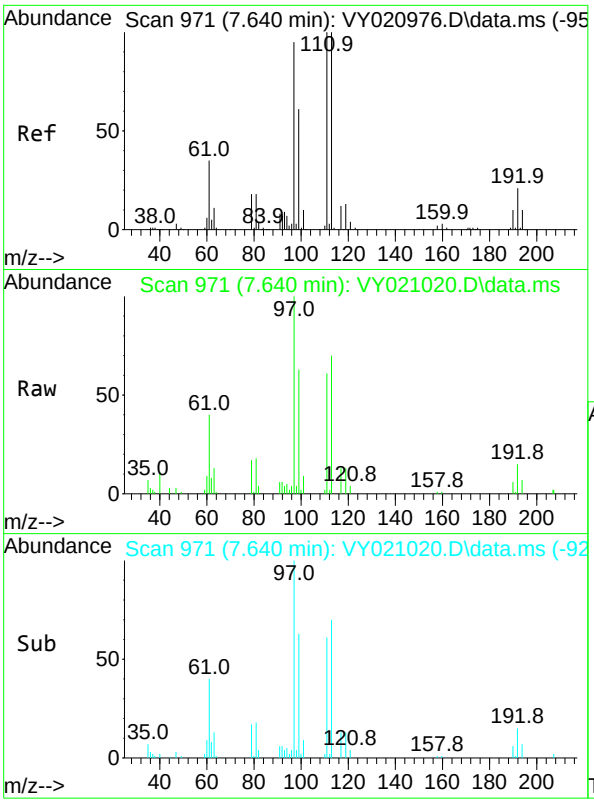


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:114 Resp: 293189

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	37.2
88	15.8	0.0	29.6



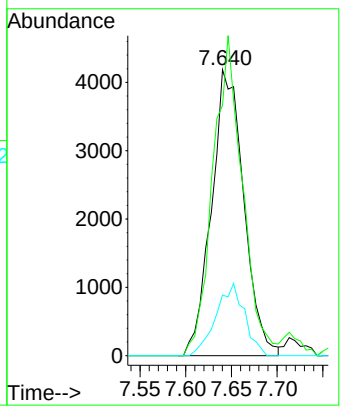


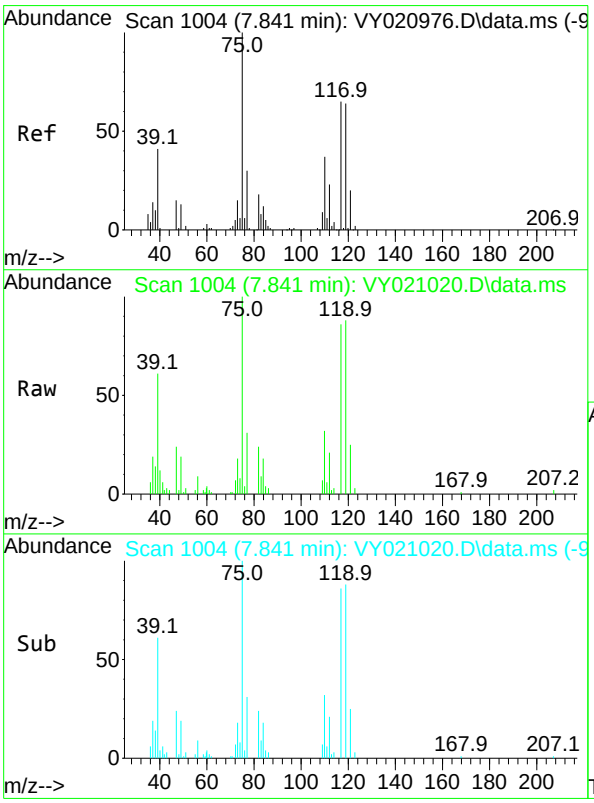
#35
Dibromofluoromethane
Concen: 5.840 ug/l
RT: 7.640 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:113 Resp: 10294

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	123.8
192	22.3	16.8	25.2

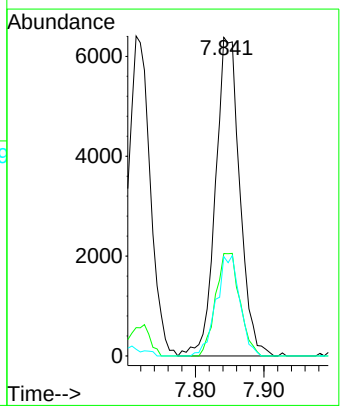


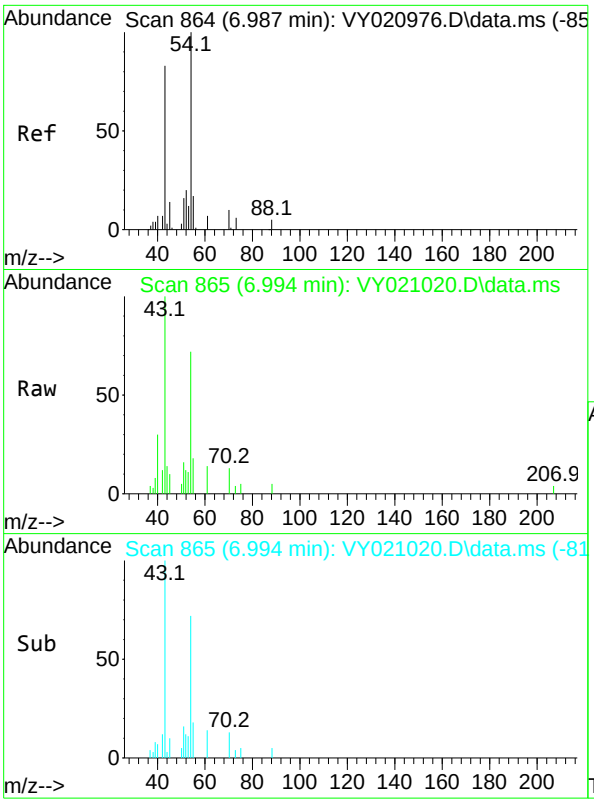


#36
1,1-Dichloropropene
Concen: 6.231 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 75 Resp: 15667

Ion	Ratio	Lower	Upper
75	100		
110	31.9	18.4	55.2
77	30.6	24.9	37.3



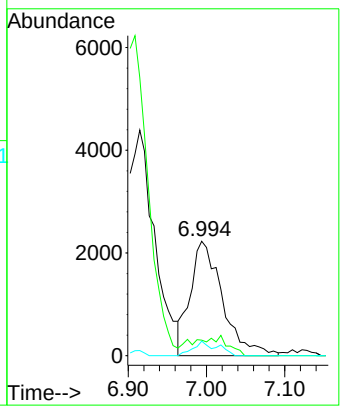


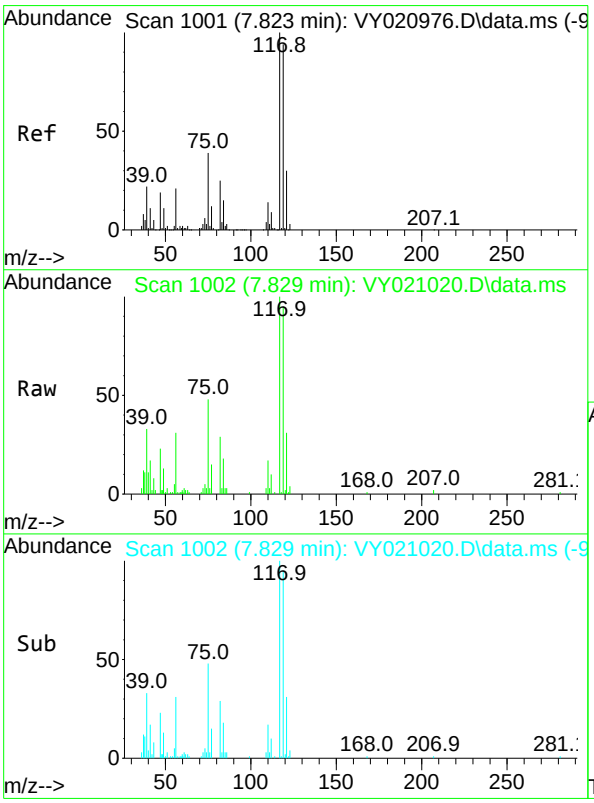
#37
Ethyl Acetate
Concen: 6.809 ug/l
RT: 6.994 min Scan# 8
Delta R.T. 0.007 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 6383

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.4	17.0#
70	6.2	9.6	14.4#

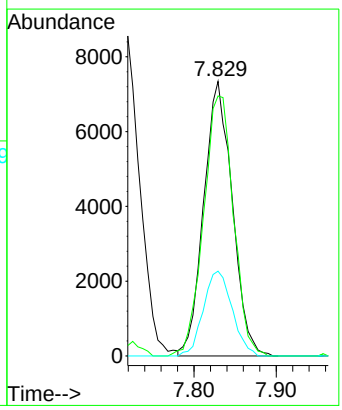


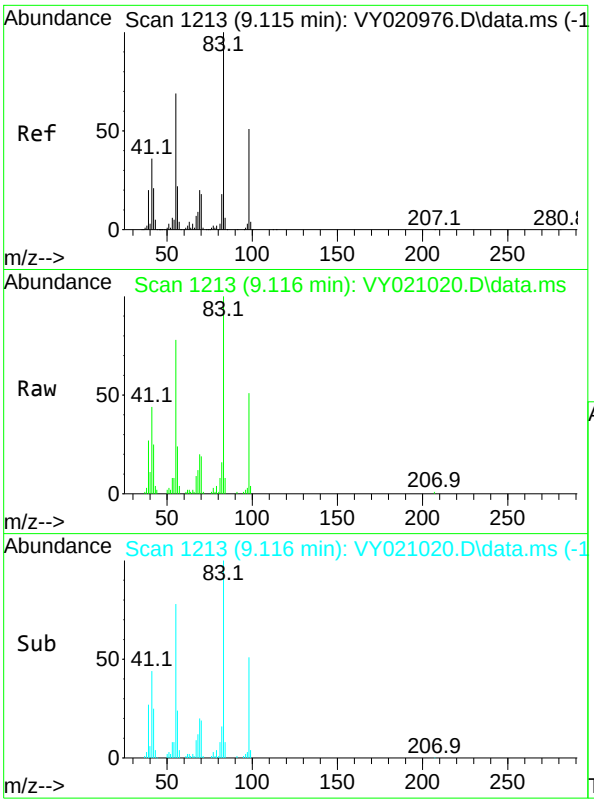


#38
Carbon Tetrachloride
Concen: 5.691 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:117 Resp: 17709

Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.0	112.6
121	30.9	24.2	36.2



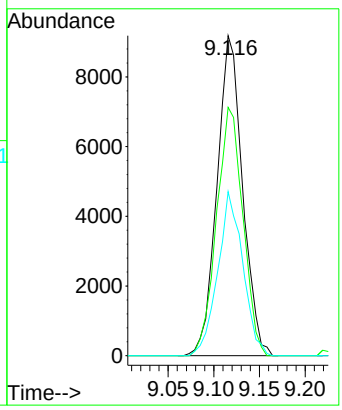


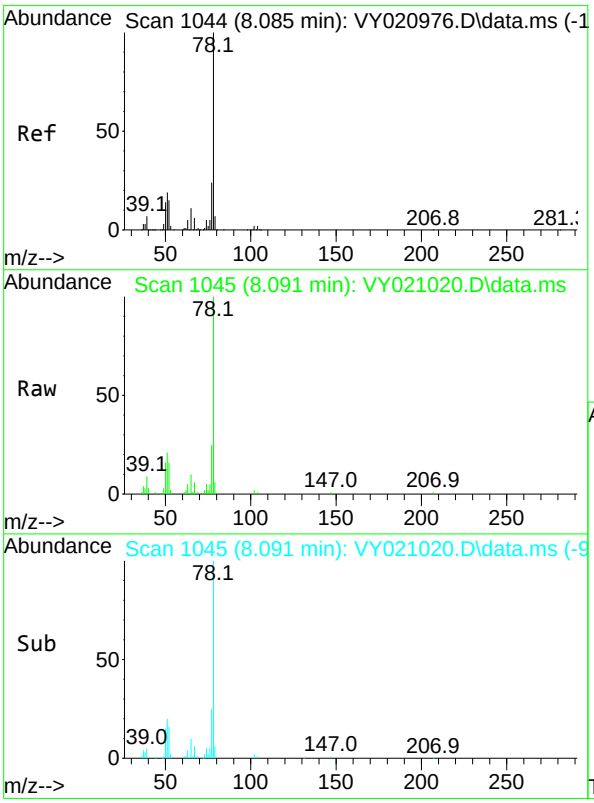
#39
Methylcyclohexane
Concen: 5.287 ug/l
RT: 9.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 17860

Ion	Ratio	Lower	Upper
83	100		
55	77.6	54.9	82.3
98	51.3	40.5	60.7

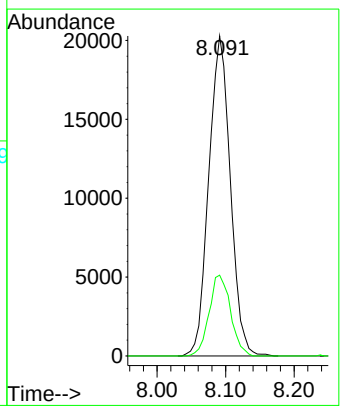


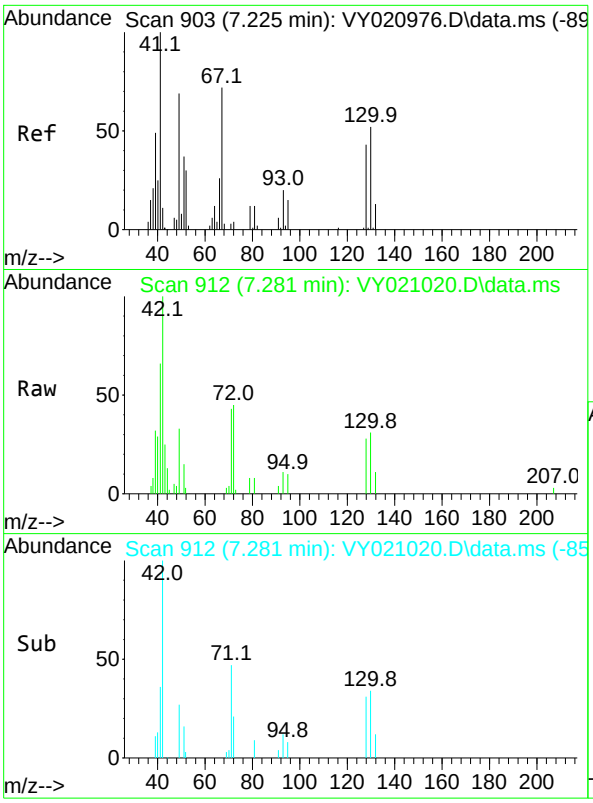


#40
Benzene
Concen: 5.991 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 78 Resp: 44324

Ion	Ratio	Lower	Upper
78	100		
77	25.2	19.4	29.2



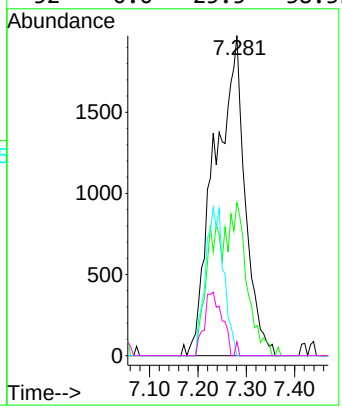


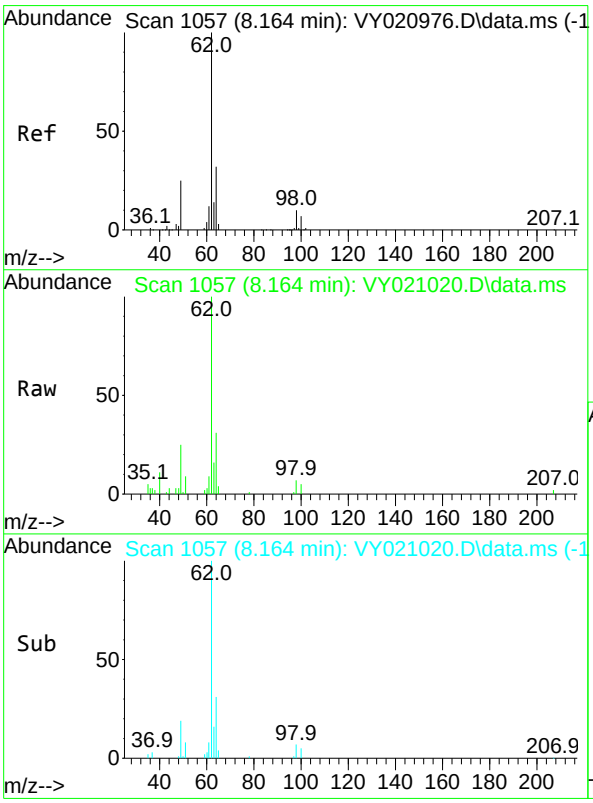
#41
Methacrylonitrile
Concen: 16.526 ug/l
RT: 7.281 min Scan# 91
Delta R.T. 0.055 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 41 Resp: 8572

Ion	Ratio	Lower	Upper
41	100		
39	0.0	41.6	62.4#
67	0.0	63.8	95.6#
52	0.0	25.5	38.3#

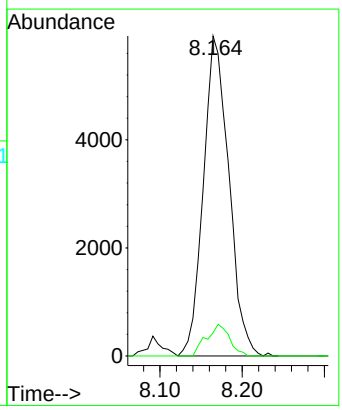


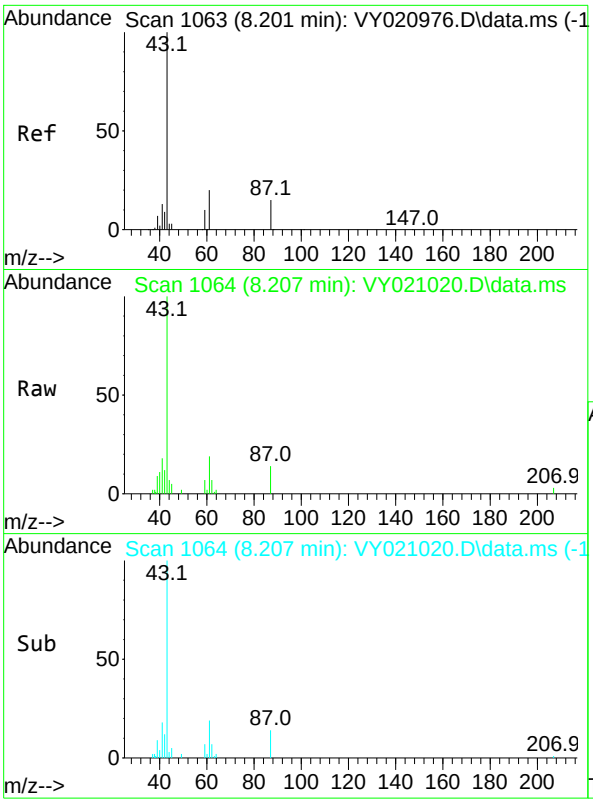


#42
1,2-Dichloroethane
Concen: 6.801 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 62 Resp: 12762

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.4



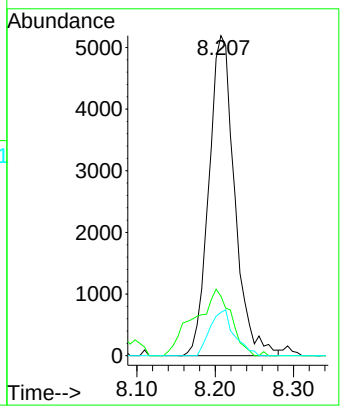


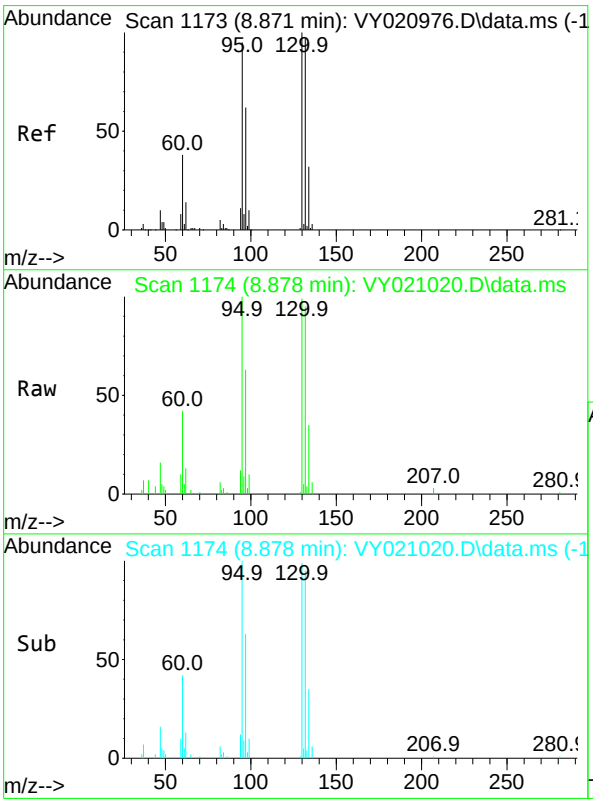
#43
Isopropyl Acetate
Concen: 6.321 ug/l
RT: 8.207 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 11839

Ion	Ratio	Lower	Upper
43	100		
61	29.5	15.8	23.6#
87	13.3	12.5	18.7

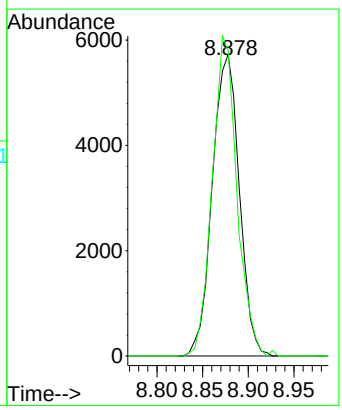


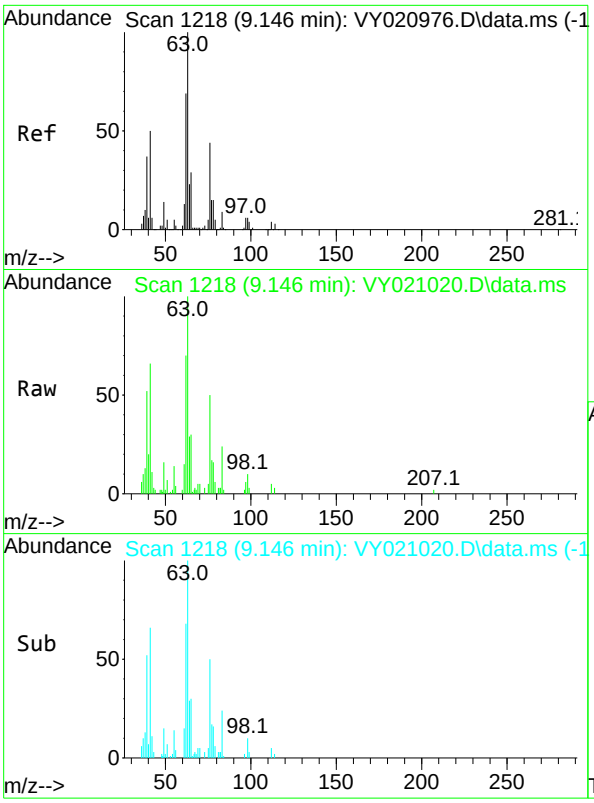


#44
Trichloroethene
Concen: 5.756 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:130 Resp: 11751

Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	189.6



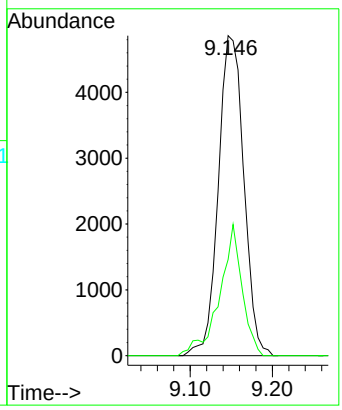


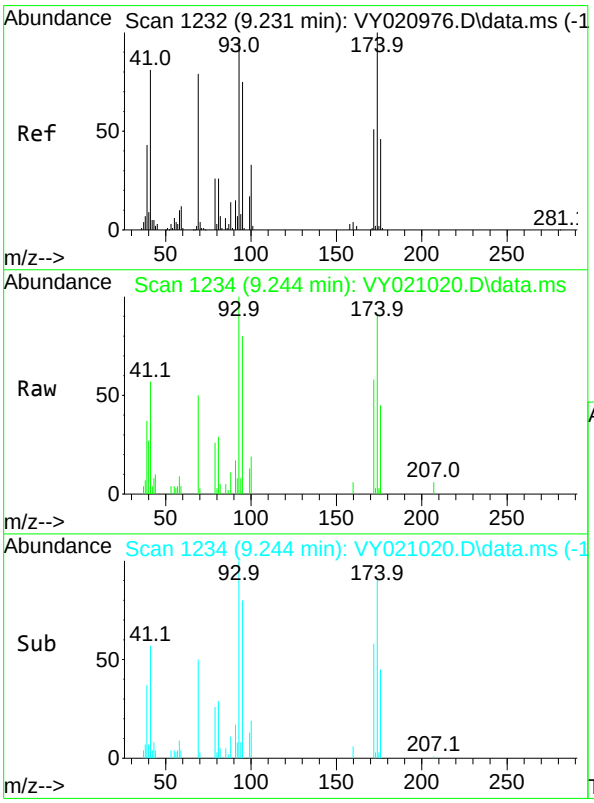
#45
1,2-Dichloropropane
Concen: 6.318 ug/l
RT: 9.146 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 10477

Ion	Ratio	Lower	Upper
63	100		
65	30.1	23.6	35.4

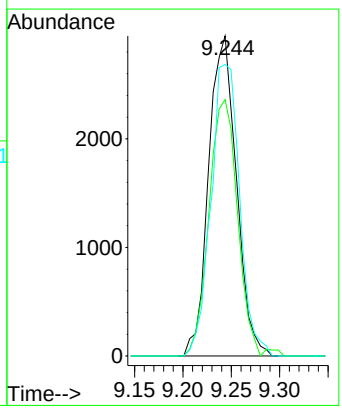


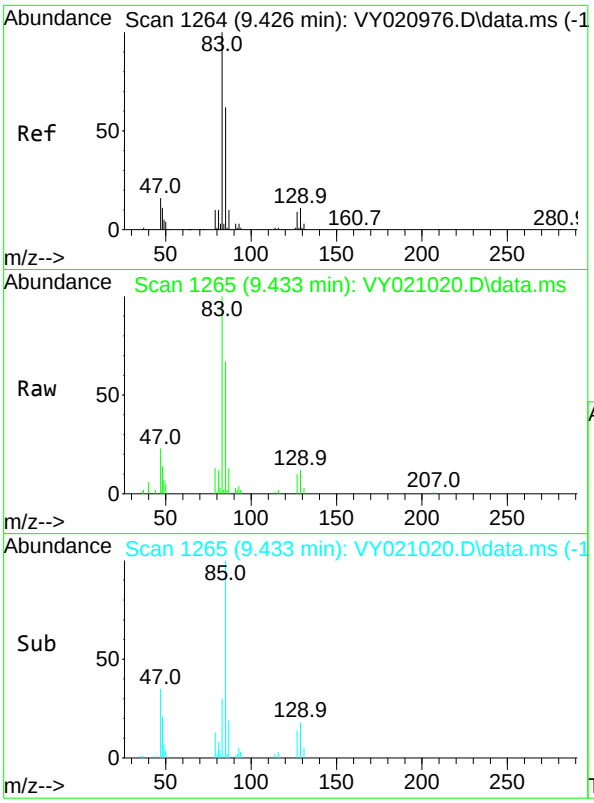


#46
Dibromomethane
Concen: 6.098 ug/l
RT: 9.244 min Scan# 1234
Delta R.T. 0.013 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 93 Resp: 5885

Ion	Ratio	Lower	Upper
93	100		
95	82.6	65.8	98.8
174	94.4	88.1	132.1



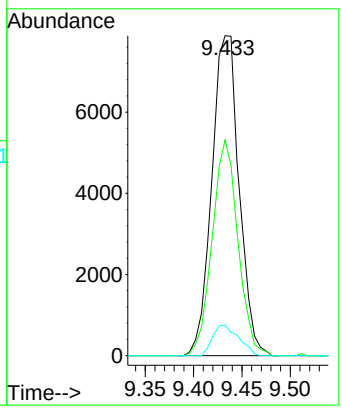


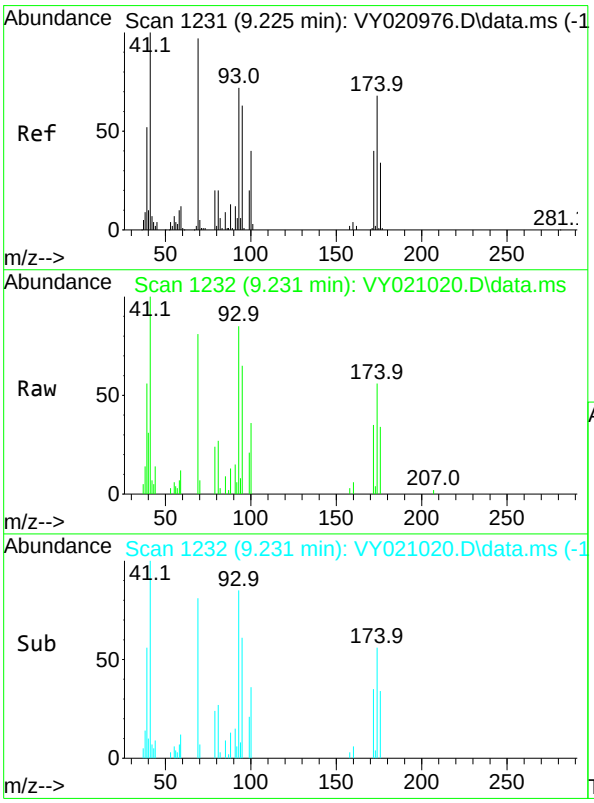
#47
Bromodichloromethane
Concen: 6.107 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.007 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 15477

Ion	Ratio	Lower	Upper
83	100		
85	67.5	49.6	74.4
127	9.6	7.1	10.7

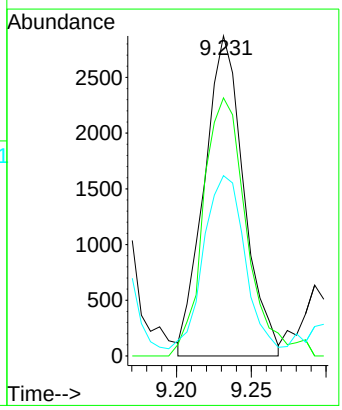


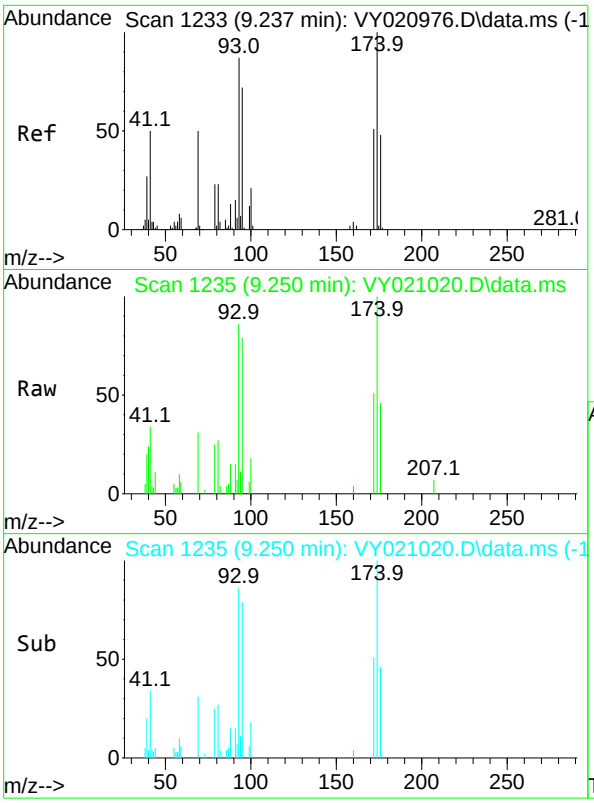


#48
Methyl methacrylate
Concen: 5.922 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 41 Resp: 5280

Ion	Ratio	Lower	Upper
41	100		
69	88.4	75.6	113.4
39	56.6	41.3	61.9



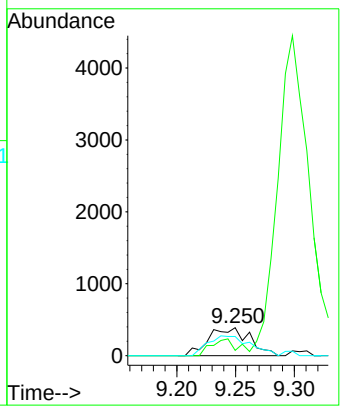


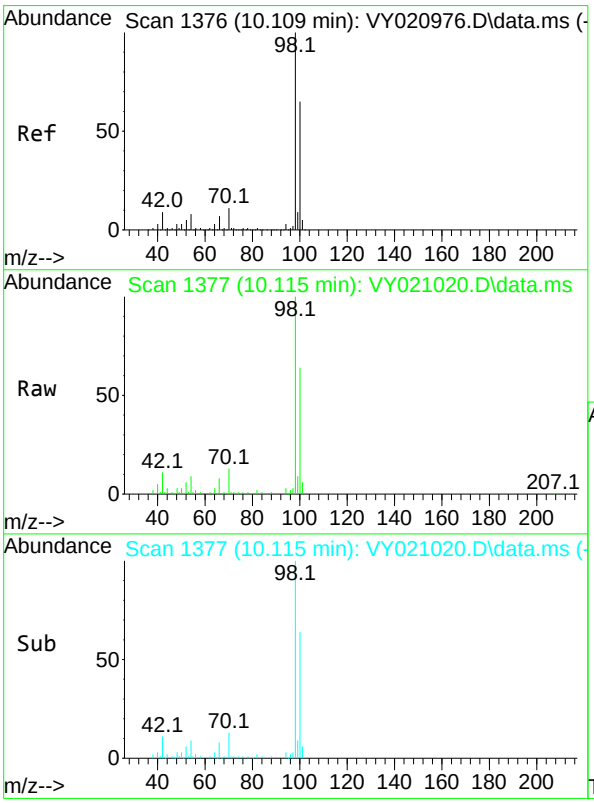
#49
1,4-Dioxane
Concen: 91.663 ug/l
RT: 9.250 min Scan# 1
Delta R.T. 0.013 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 88 Resp: 940

Ion	Ratio	Lower	Upper
88	100		
43	39.6	24.2	36.4#
58	73.5	57.3	85.9

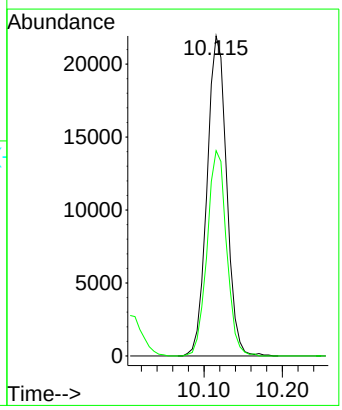


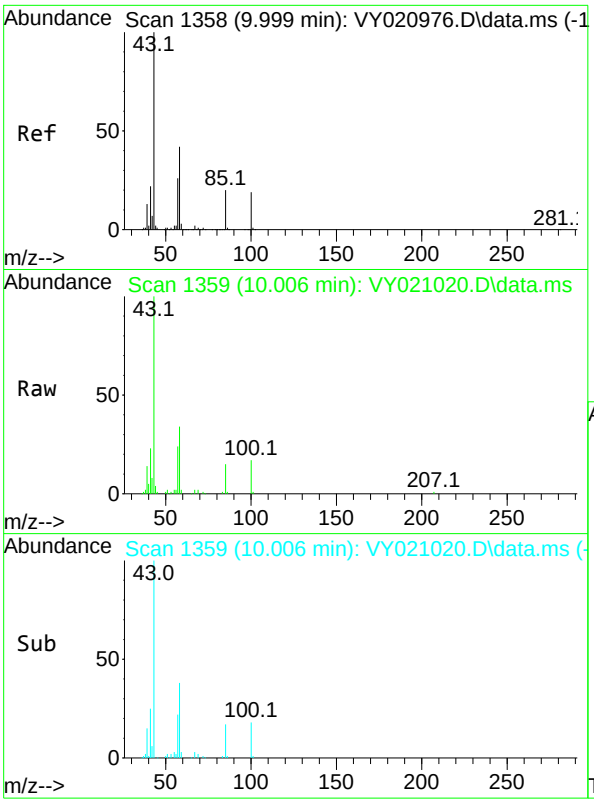


#50
Toluene-d8
Concen: 5.520 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 98 Resp: 37973

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.6	79.0



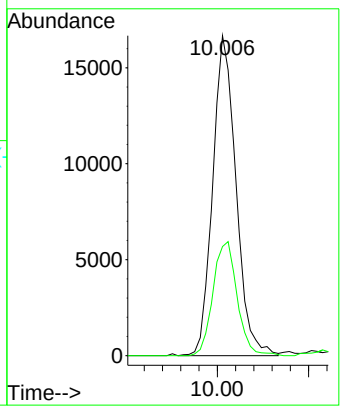


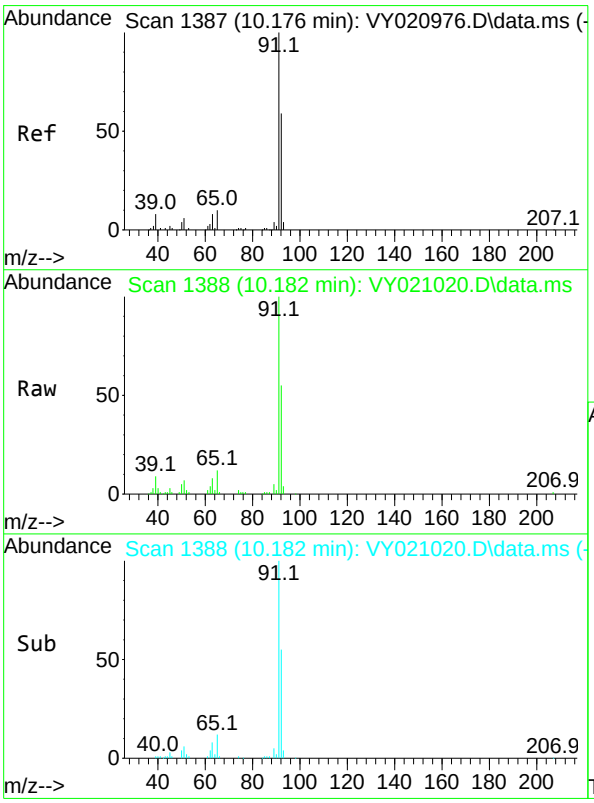
#51
4-Methyl-2-Pentanone
Concen: 30.730 ug/l
RT: 10.006 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 29573

Ion	Ratio	Lower	Upper
43	100		
58	36.9	33.8	50.8

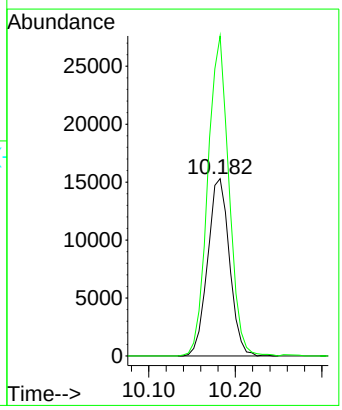


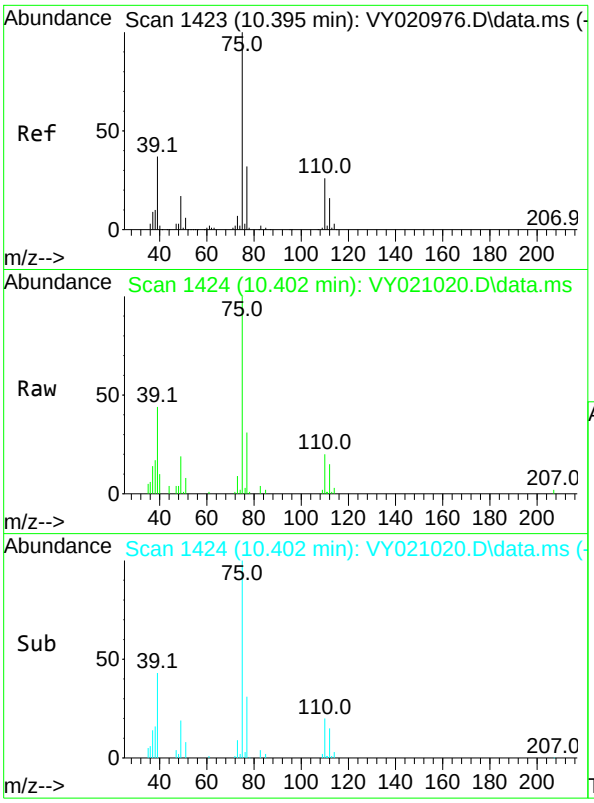


#52
Toluene
Concen: 5.572 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.007 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 92 Resp: 26760

Ion	Ratio	Lower	Upper
92	100		
91	174.8	135.8	203.8



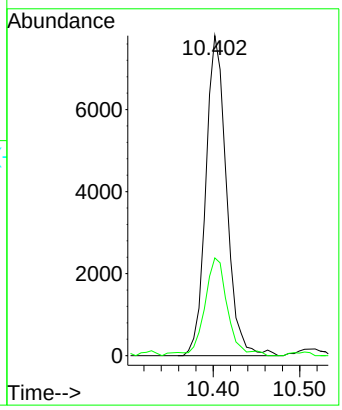


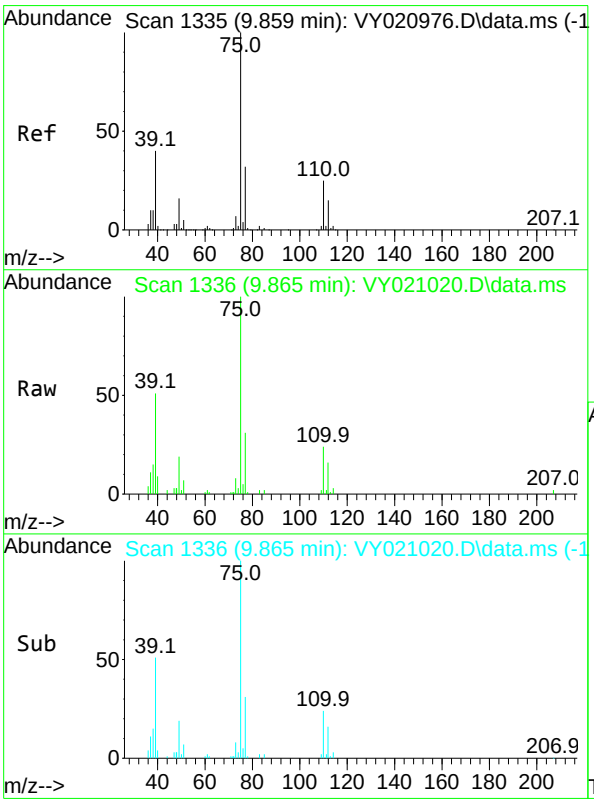
#53
t-1,3-Dichloropropene
Concen: 5.639 ug/l
RT: 10.402 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 12933

Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.9	38.9

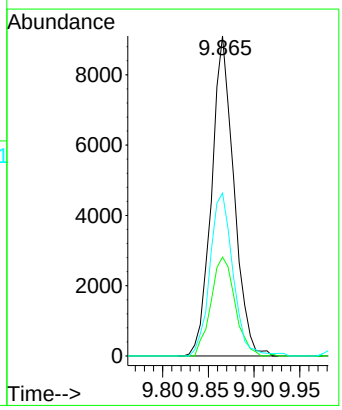


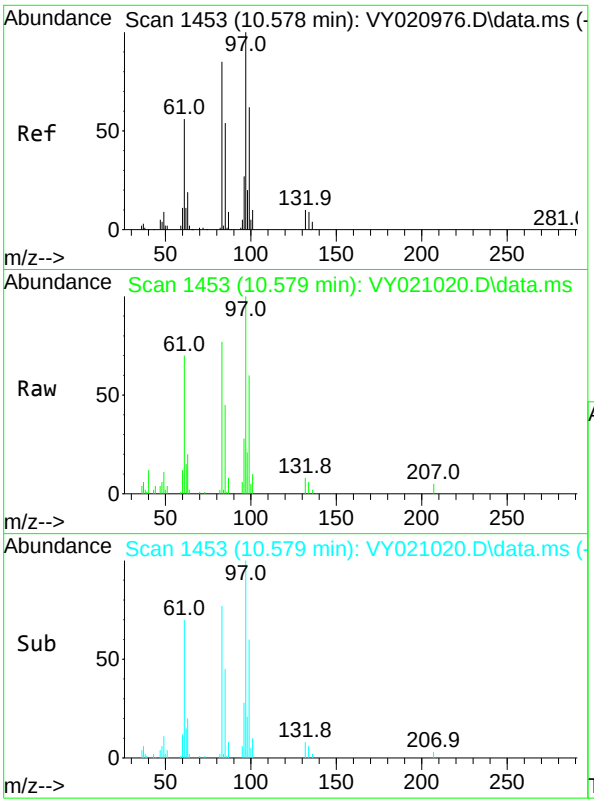


#54
cis-1,3-Dichloropropene
Concen: 5.650 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 75 Resp: 15488

Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.4	38.0
39	50.9	32.2	48.2#



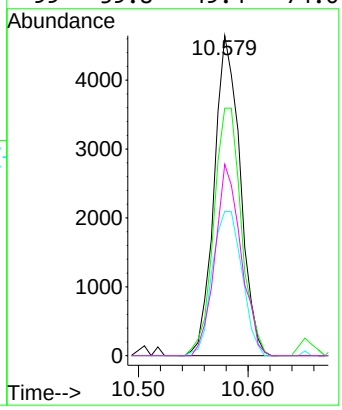


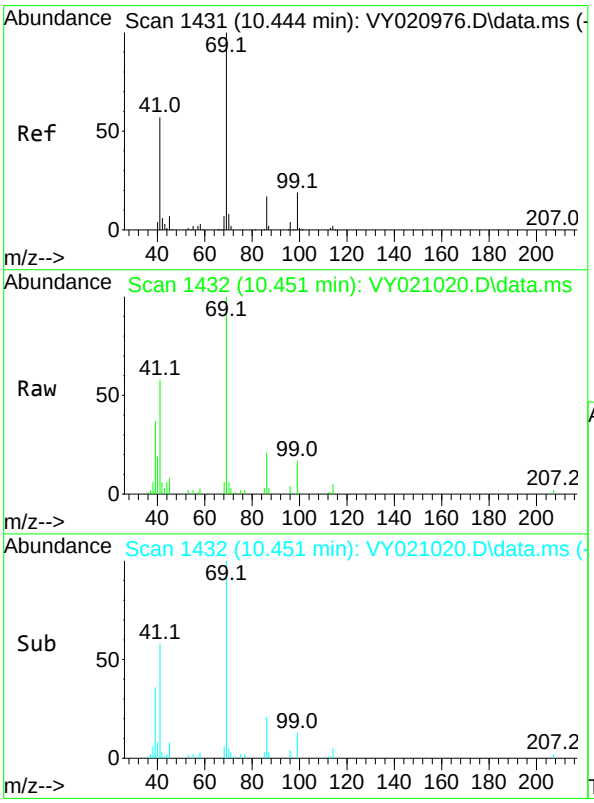
#55
1,1,2-Trichloroethane
Concen: 5.961 ug/l
RT: 10.579 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 97 Resp: 7651

Ion	Ratio	Lower	Upper
97	100		
83	77.3	67.7	101.5
85	45.1	43.4	65.2
99	59.8	49.4	74.0

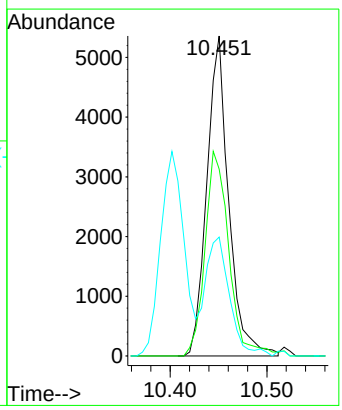


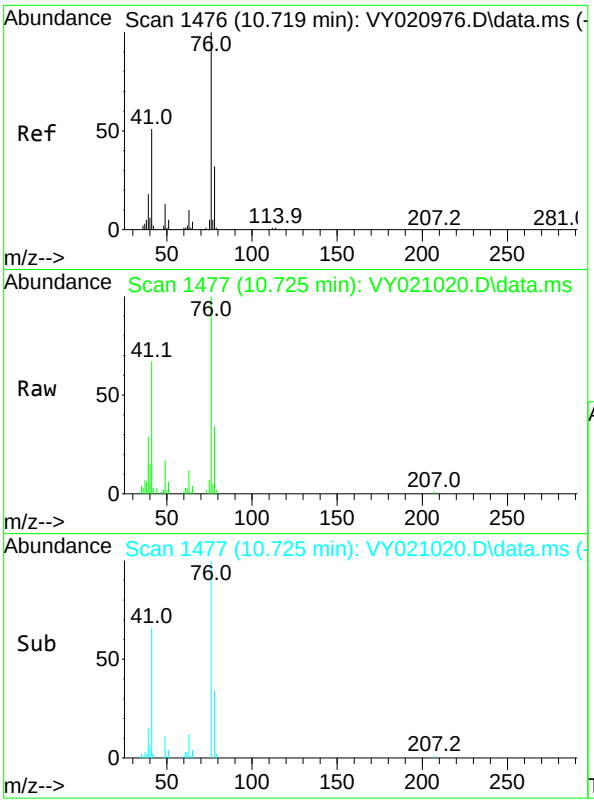


#56
Ethyl methacrylate
Concen: 5.018 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 69 Resp: 8418

Ion	Ratio	Lower	Upper
69	100		
41	70.1	46.3	69.5#
39	41.3	24.5	36.7#



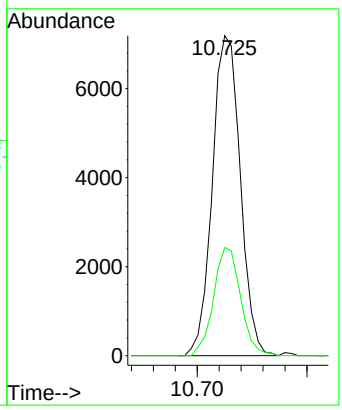


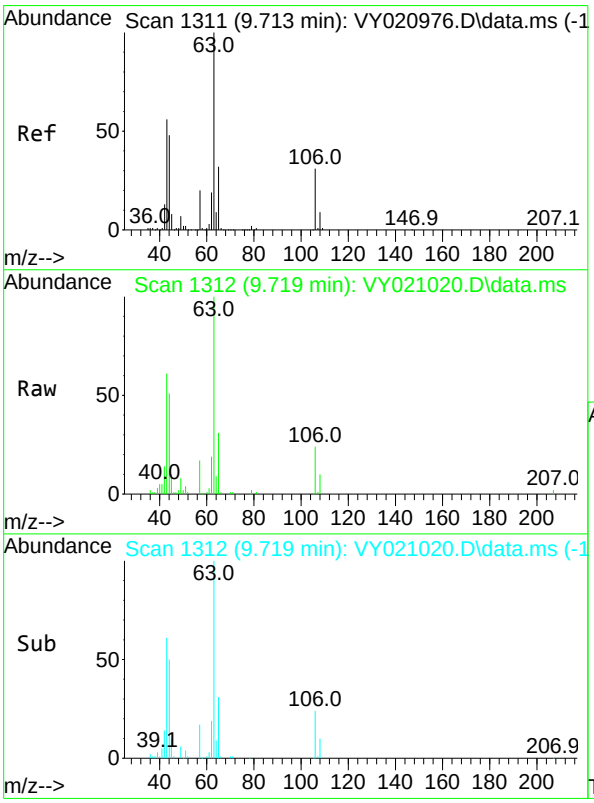
#57
1,3-Dichloropropane
Concen: 5.845 ug/l
RT: 10.725 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 12714

Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.8	38.6

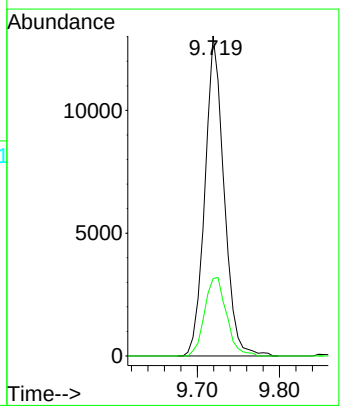


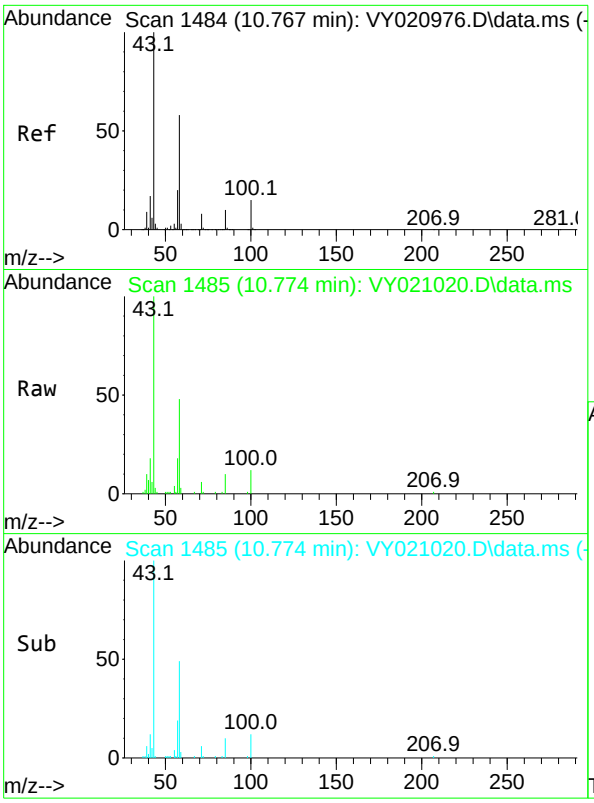


#58
2-Chloroethyl Vinyl ether
Concen: 29.542 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.007 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 63 Resp: 21035

Ion	Ratio	Lower	Upper
63	100		
106	28.1	24.7	37.1



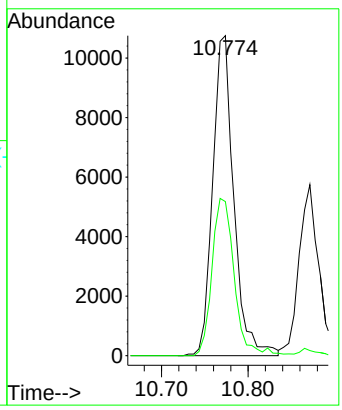


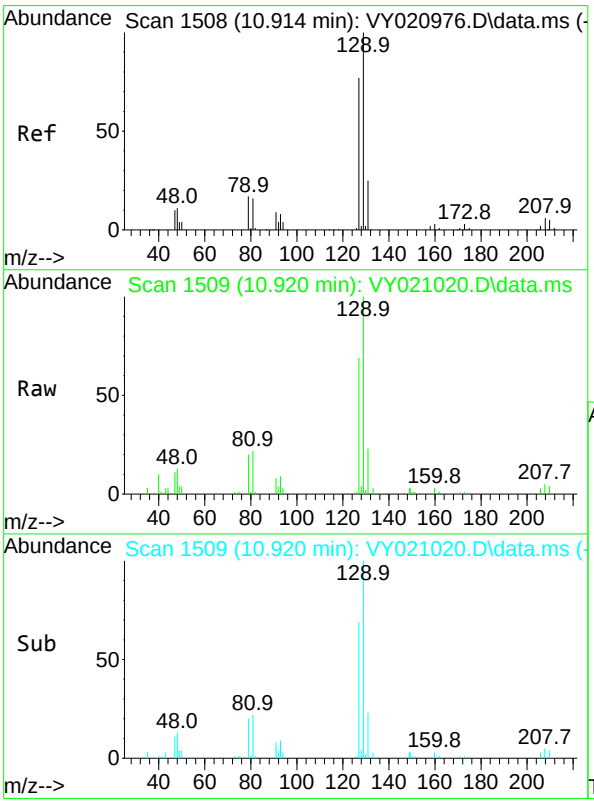
#59
2-Hexanone
Concen: 29.030 ug/l
RT: 10.774 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 18159

Ion	Ratio	Lower	Upper
43	100		
58	51.9	29.8	89.3

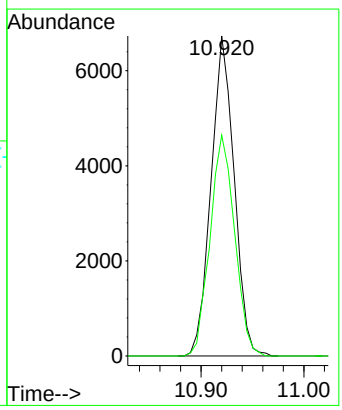


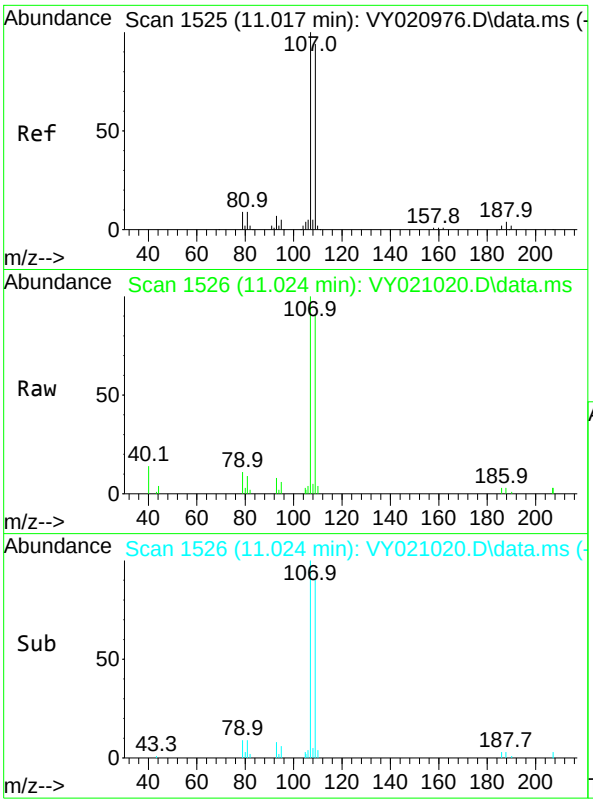


#60
Dibromochloromethane
Concen: 5.744 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:129 Resp: 10511

Ion	Ratio	Lower	Upper
129	100		
127	73.5	38.5	115.3



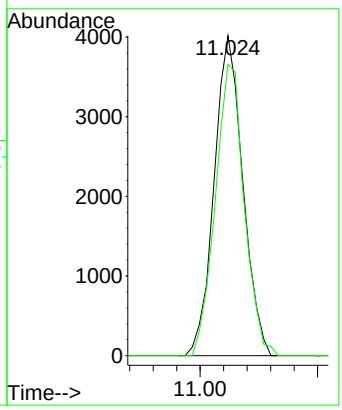


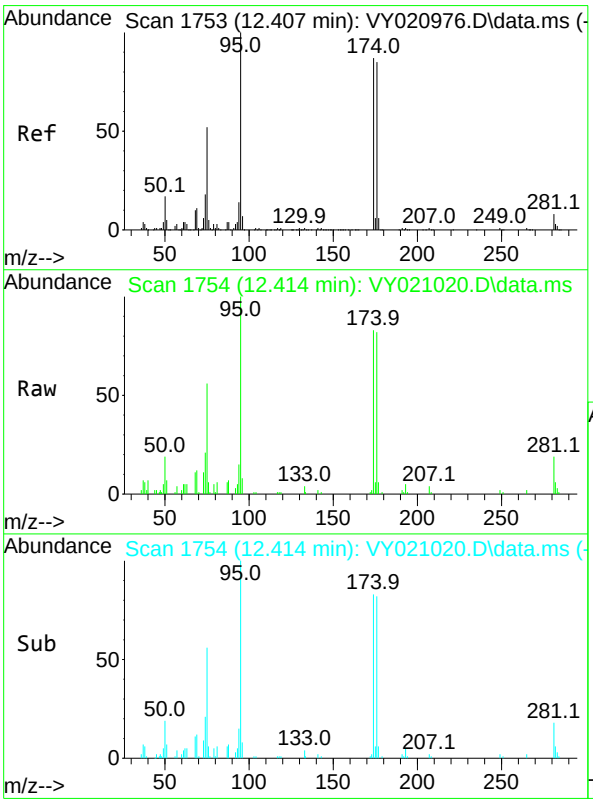
#61
1,2-Dibromoethane
Concen: 5.555 ug/l
RT: 11.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:107 Resp: 6810

Ion	Ratio	Lower	Upper
107	100		
109	91.9	76.6	114.8

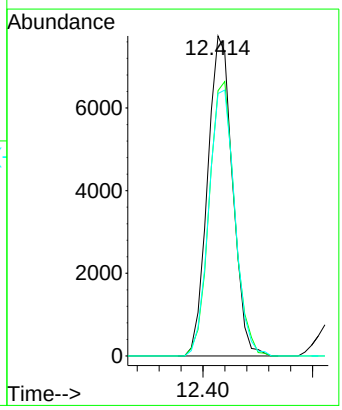


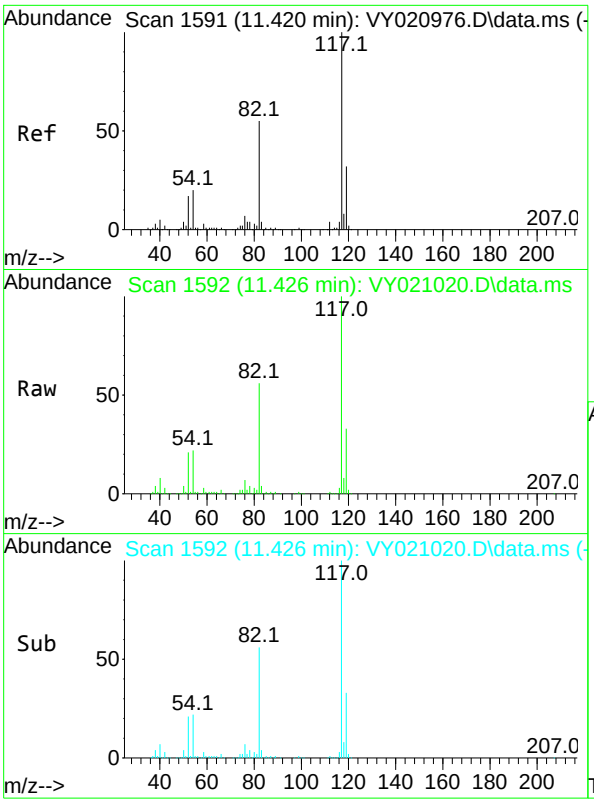


#62
4-Bromofluorobenzene
Concen: 5.301 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 95 Resp: 12237

Ion	Ratio	Lower	Upper
95	100		
174	87.1	0.0	181.2
176	86.6	0.0	175.2



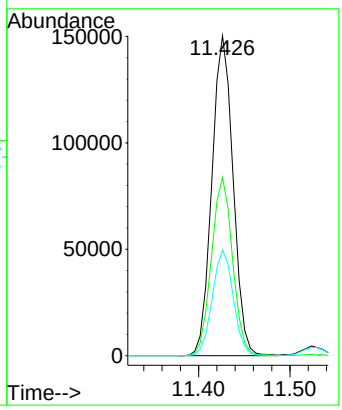


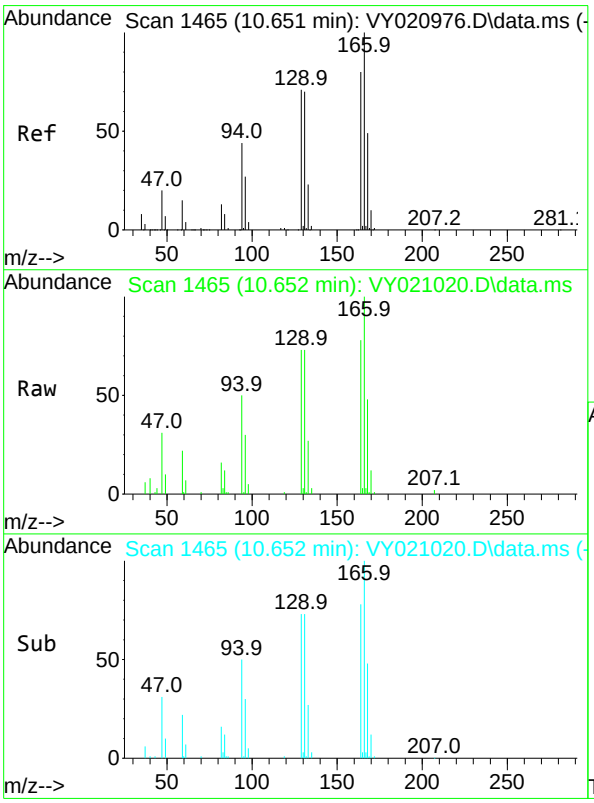
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:117 Resp: 242257

Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.2	66.2
119	33.0	25.9	38.9

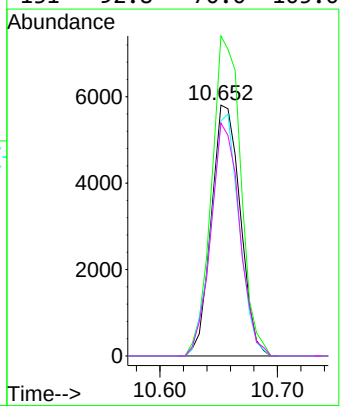


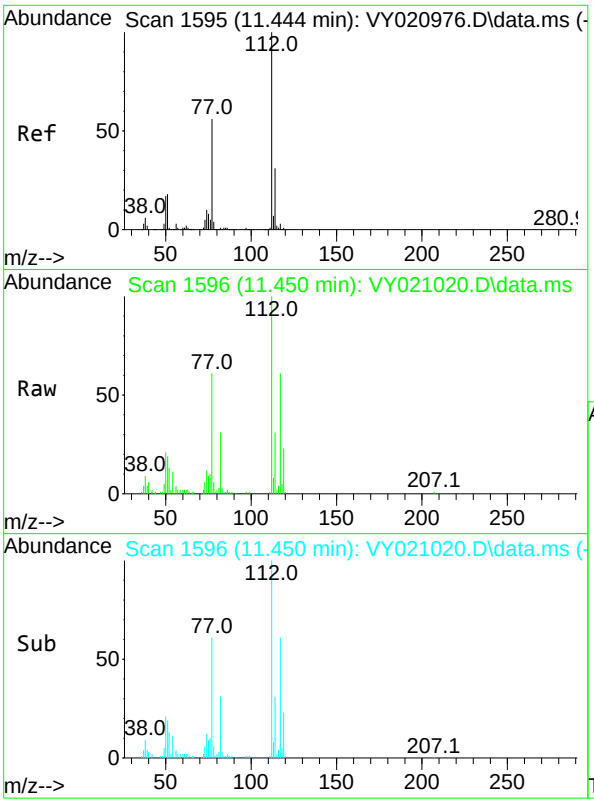


#64
Tetrachloroethene
Concen: 5.426 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:164 Resp: 9915

Ion	Ratio	Lower	Upper
164	100		
166	127.6	100.4	150.6
129	93.7	70.8	106.2
131	92.8	70.0	105.0



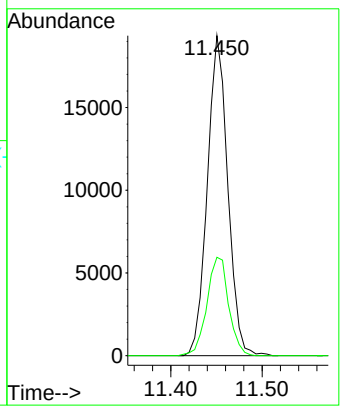


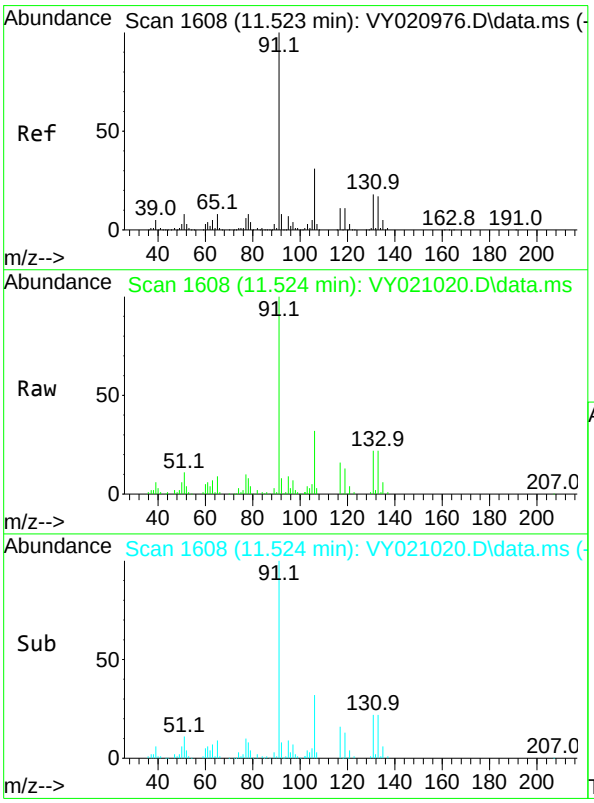
#65
Chlorobenzene
Concen: 5.872 ug/l
RT: 11.450 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 29973

Ion	Ratio	Lower	Upper
112	100		
114	30.8	24.6	37.0

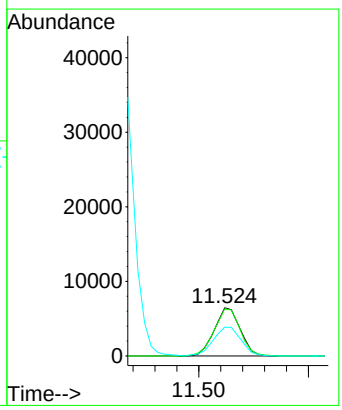


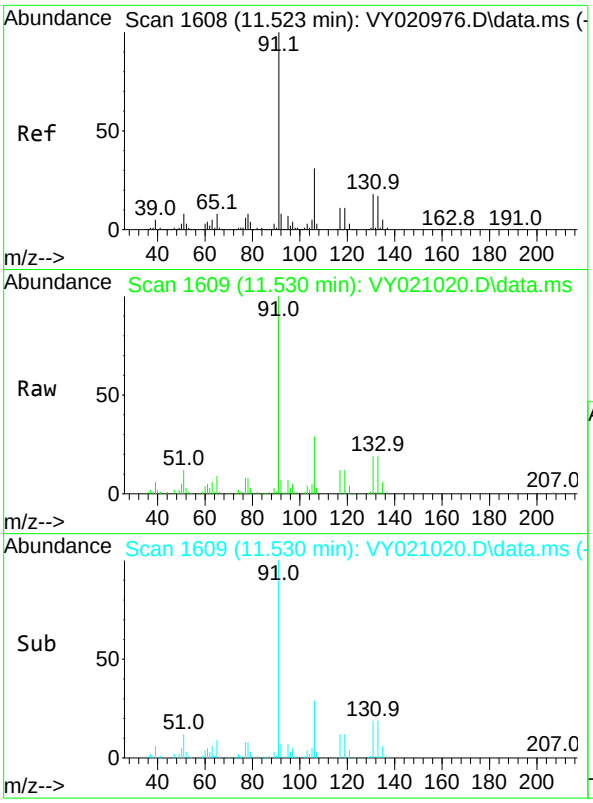


#66
1,1,1,2-Tetrachloroethane
Concen: 5.810 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:131 Resp: 10524

Ion	Ratio	Lower	Upper
131	100		
133	99.6	48.7	146.1
119	64.8	31.4	94.3



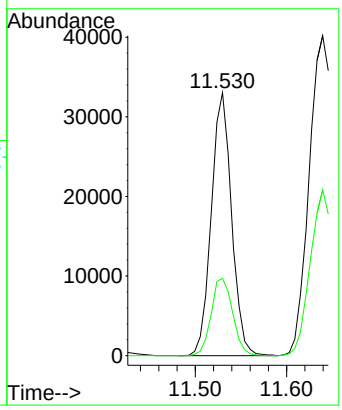


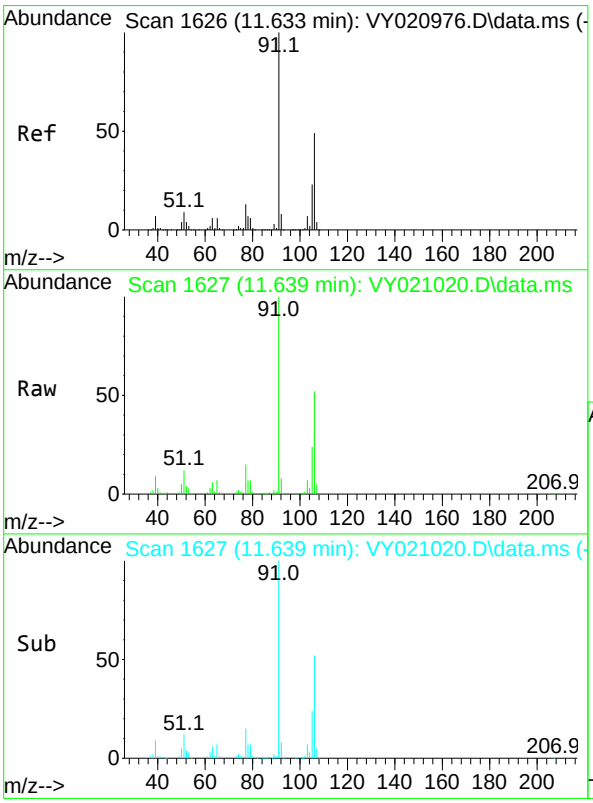
#67
Ethyl Benzene
Concen: 5.760 ug/l
RT: 11.530 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 50904

Ion	Ratio	Lower	Upper
91	100		
106	29.4	24.9	37.3

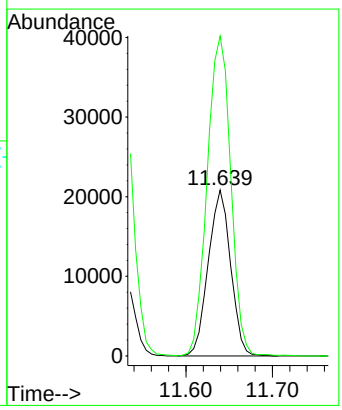


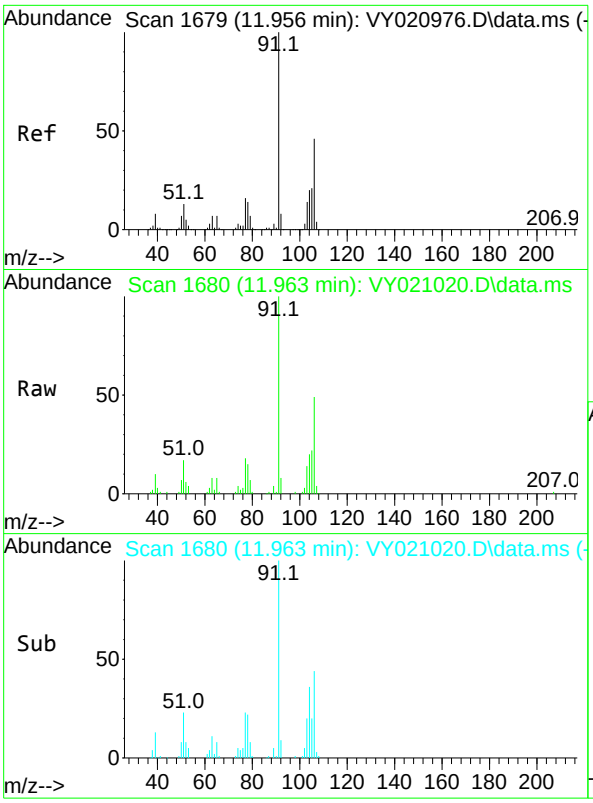


#68
m/p-Xylenes
Concen: 11.015 ug/l
RT: 11.639 min Scan# 1627
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:106 Resp: 37399

Ion	Ratio	Lower	Upper
106	100		
91	203.1	160.0	240.0



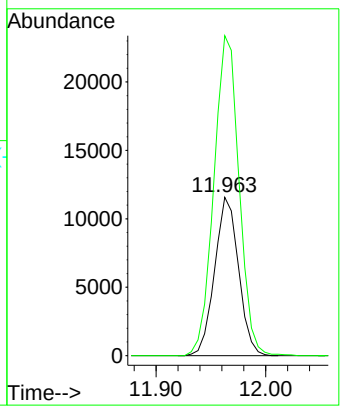


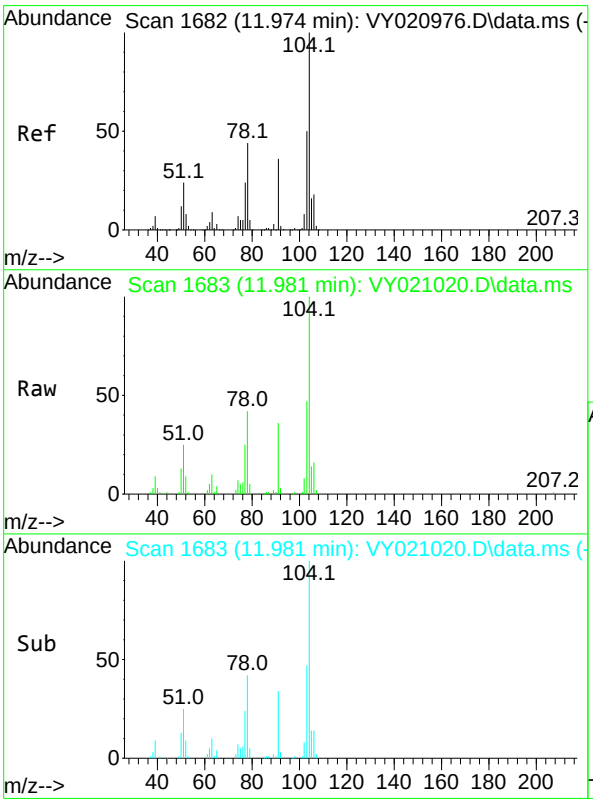
#69
o-Xylene
Concen: 5.550 ug/l
RT: 11.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 17519

Ion	Ratio	Lower	Upper
106	100		
91	212.9	105.8	317.6

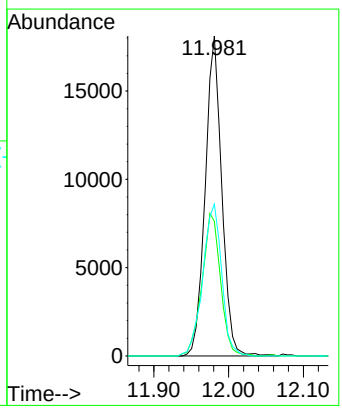


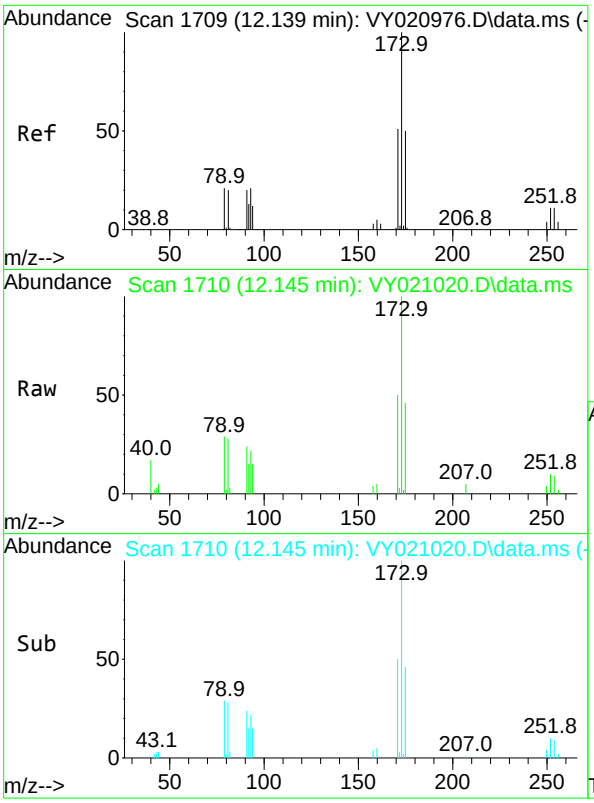


#70
Styrene
Concen: 5.333 ug/l
RT: 11.981 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:104 Resp: 27946

Ion	Ratio	Lower	Upper
104	100		
78	49.7	39.0	58.4
103	54.1	43.7	65.5



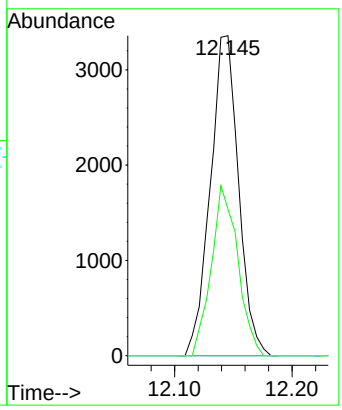


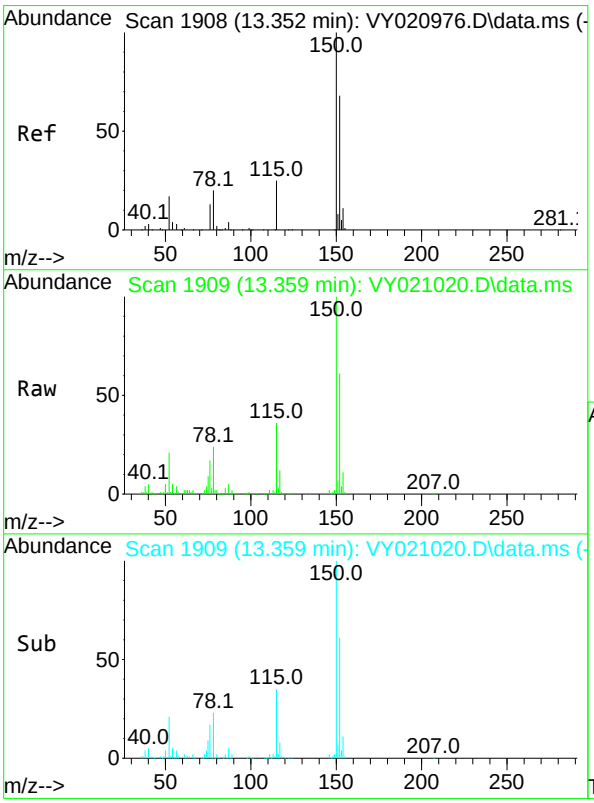
#71
Bromoform
Concen: 5.252 ug/l
RT: 12.145 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:173 Resp: 5607

Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.1	72.2
254	0.0	0.0	0.0

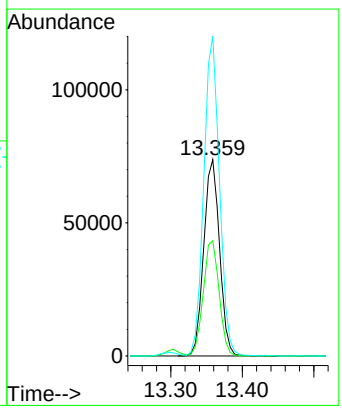


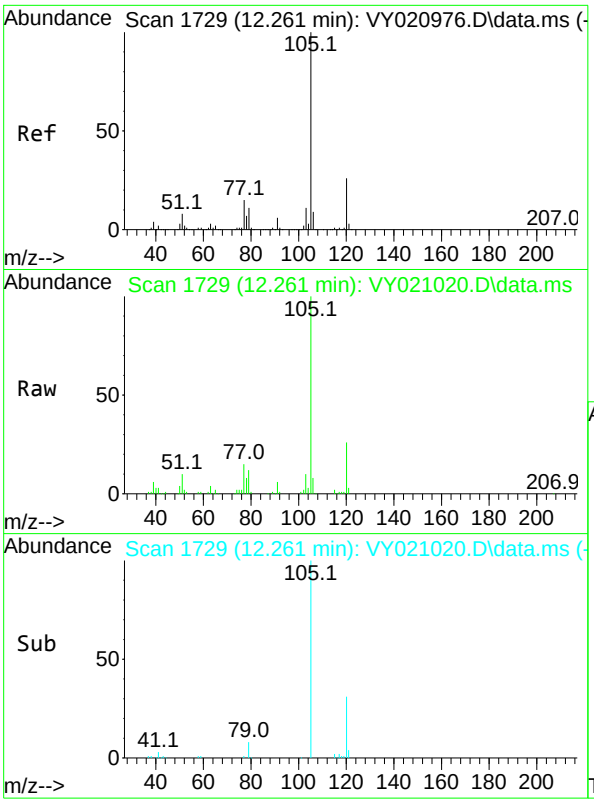


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:152 Resp: 113107

Ion	Ratio	Lower	Upper
152	100		
115	58.9	28.4	85.2
150	160.9	0.0	342.8



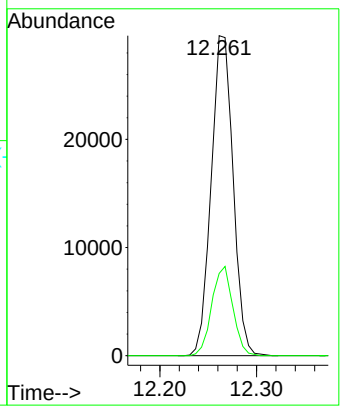


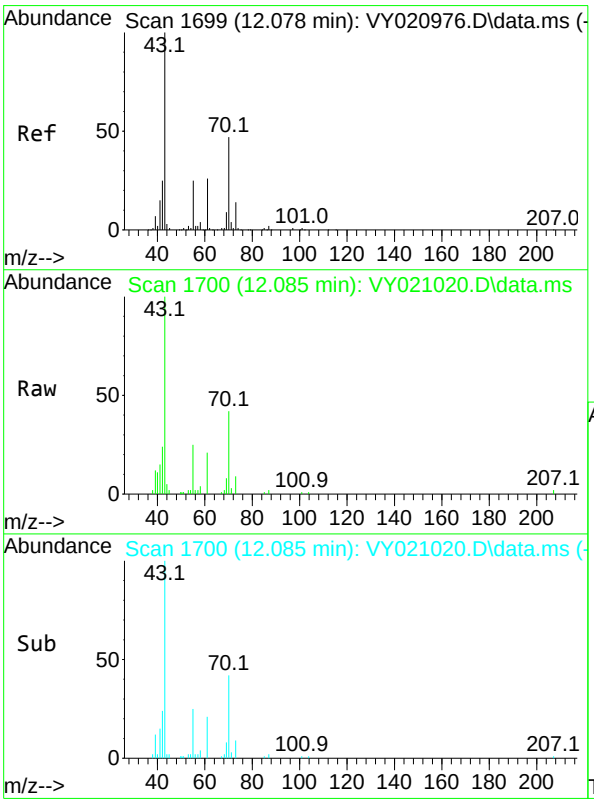
#73
Isopropylbenzene
Concen: 5.869 ug/l
RT: 12.261 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 46625

Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.4	40.2

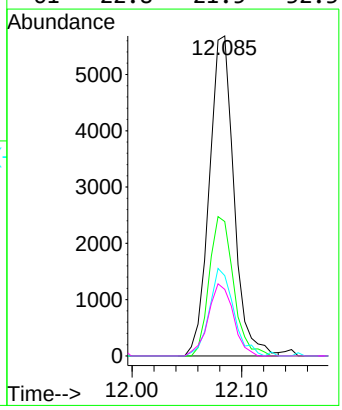


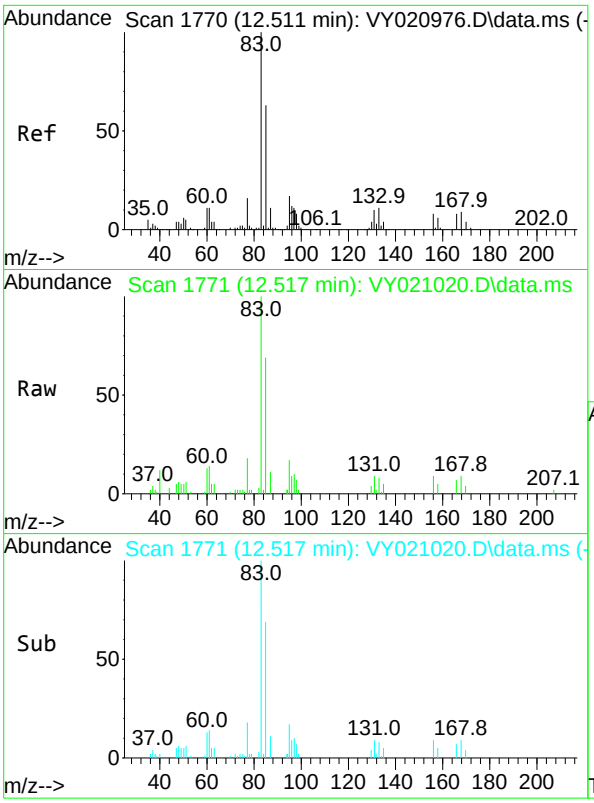


#74
N-amyl acetate
Concen: 6.144 ug/l
RT: 12.085 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 43 Resp: 8887

Ion	Ratio	Lower	Upper
43	100		
70	42.9	39.3	58.9
55	26.8	22.3	33.5
61	22.8	21.5	32.3



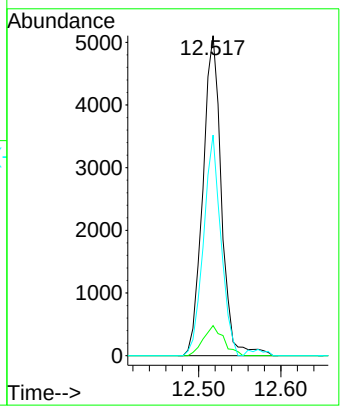


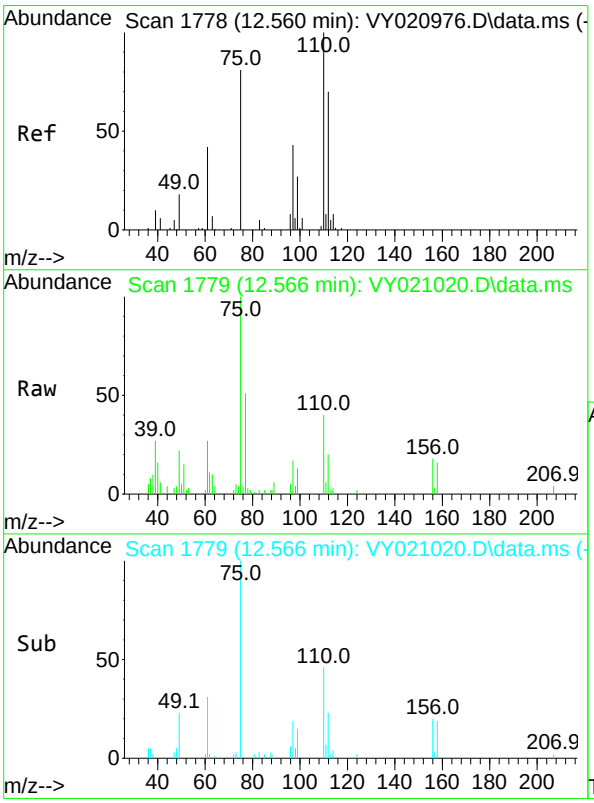
#75
1,1,2,2-Tetrachloroethane
Concen: 6.240 ug/l
RT: 12.517 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 8001

Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.7	17.1
85	64.6	31.9	95.9

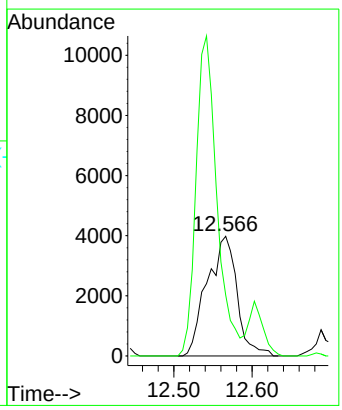


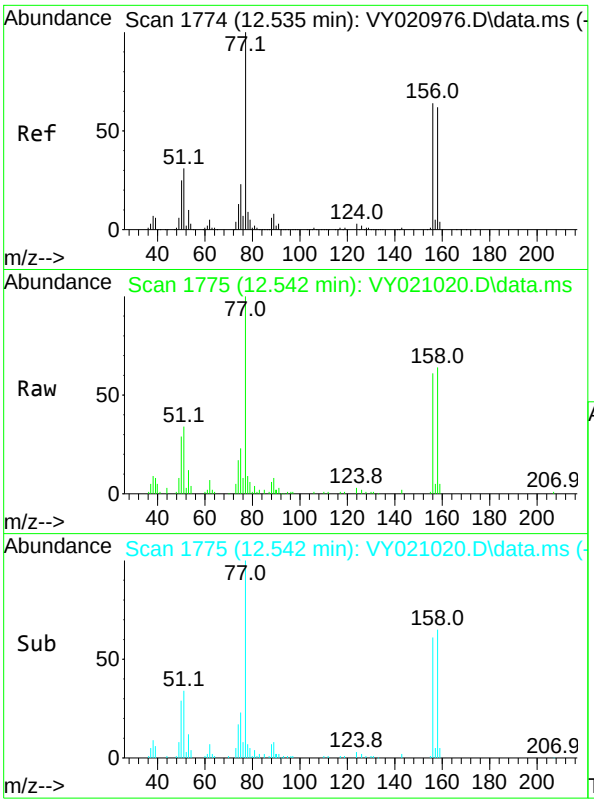


#76
1,2,3-Trichloropropane
Concen: 11.844 ug/l
RT: 12.566 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 75 Resp: 10605

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



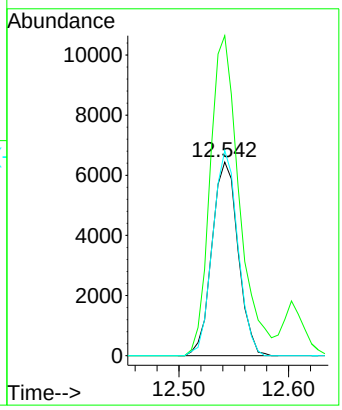


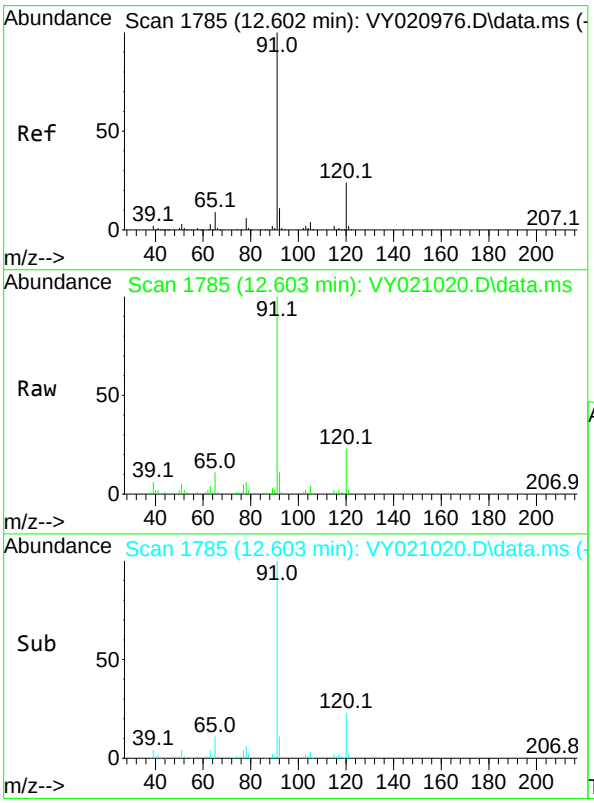
#77
Bromobenzene
Concen: 5.680 ug/l
RT: 12.542 min Scan# 1
Delta R.T. 0.007 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:156 Resp: 10698

Ion	Ratio	Lower	Upper
156	100		
77	183.8	83.3	249.9
158	101.9	48.3	144.9

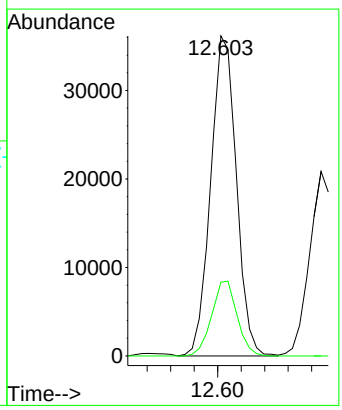


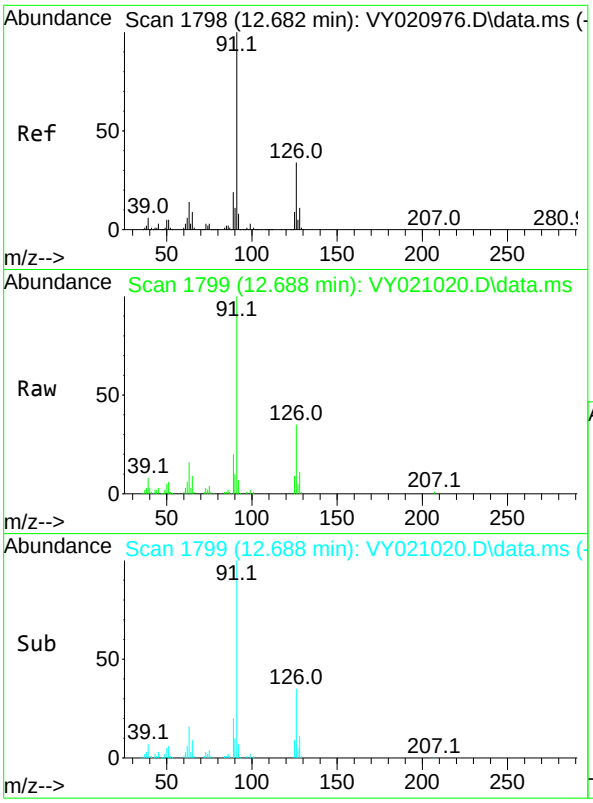


#78
n-propylbenzene
Concen: 5.907 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 91 Resp: 54990

Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.8	35.4



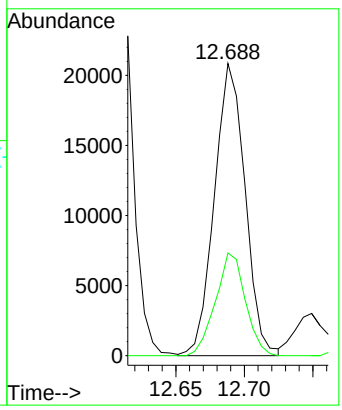


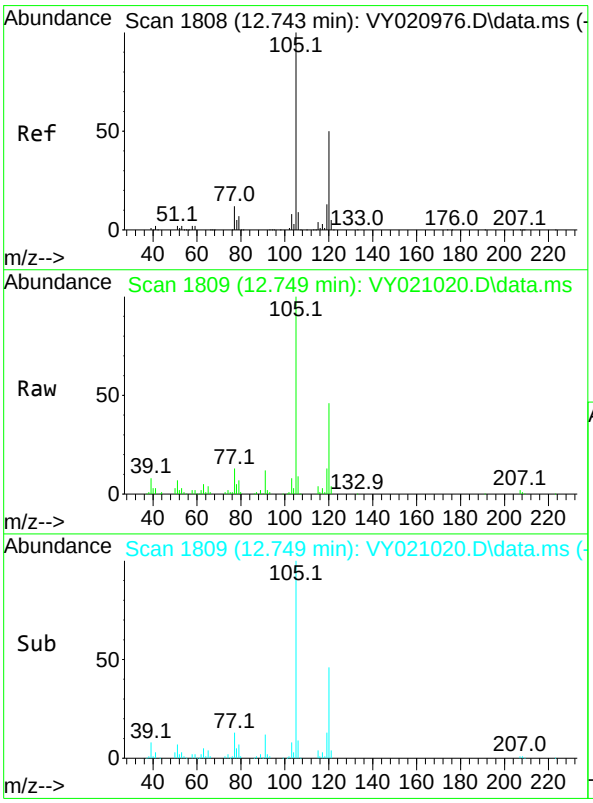
#79
2-Chlorotoluene
Concen: 6.123 ug/l
RT: 12.688 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 32479

Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.3	51.9

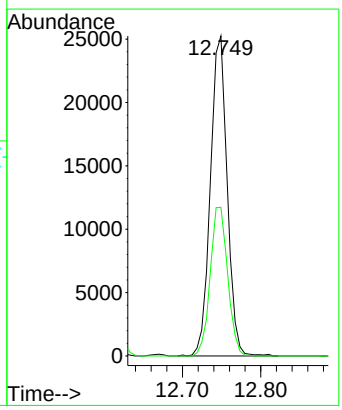


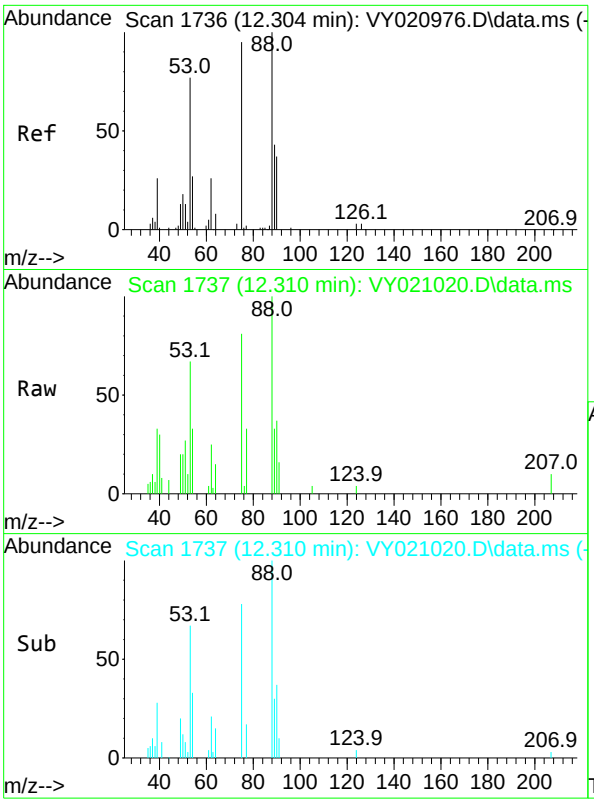


#80
1,3,5-Trimethylbenzene
Concen: 5.772 ug/l
RT: 12.749 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:105 Resp: 37564

Ion	Ratio	Lower	Upper
105	100		
120	48.4	24.3	72.9



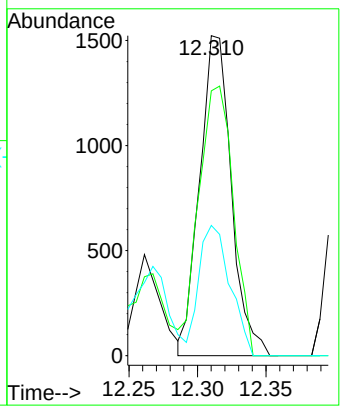


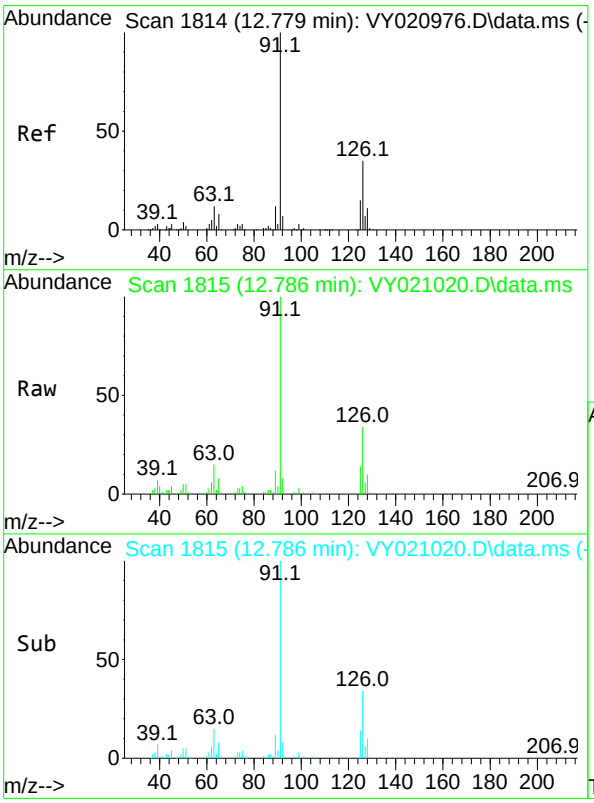
#81
trans-1,4-Dichloro-2-butene
Concen: 5.671 ug/l
RT: 12.310 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 2446

Ion	Ratio	Lower	Upper
75	100		
53	91.8	68.6	103.0
89	40.1	38.1	57.1

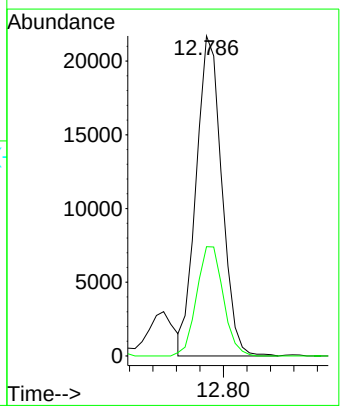


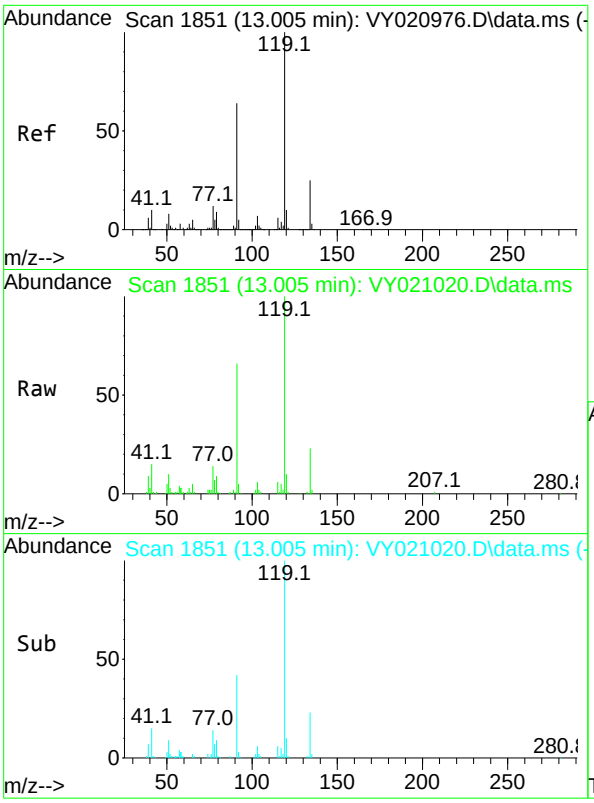


#82
4-Chlorotoluene
Concen: 6.046 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 91 Resp: 32824

Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.3	52.0



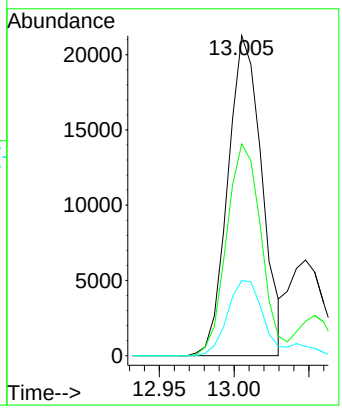


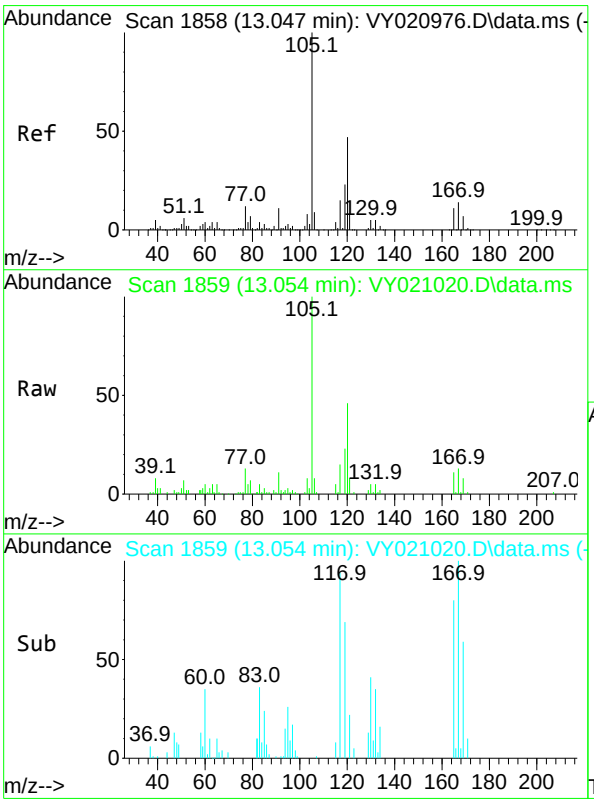
#83
tert-Butylbenzene
Concen: 5.562 ug/l
RT: 13.005 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 33572

Ion	Ratio	Lower	Upper
119	100		
91	67.4	31.4	94.0
134	24.6	13.1	39.1

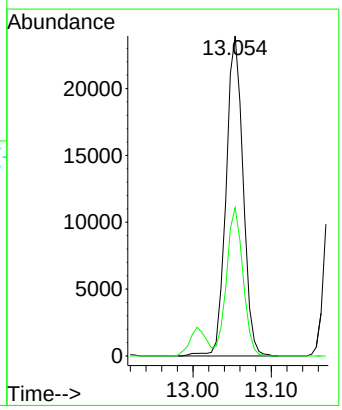


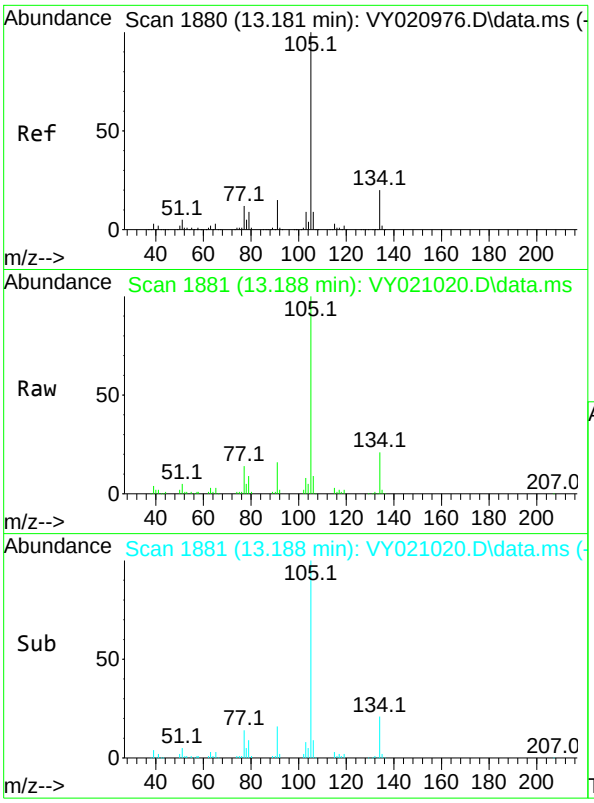


#84
1,2,4-Trimethylbenzene
Concen: 5.665 ug/l
RT: 13.054 min Scan# 1859
Delta R.T. 0.007 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:105 Resp: 36016

Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.7	68.0



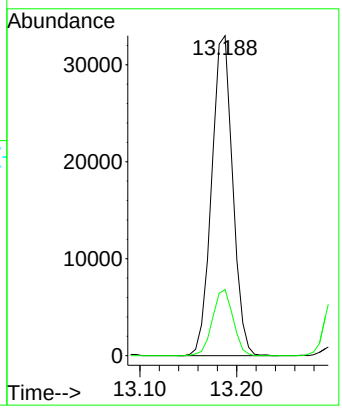


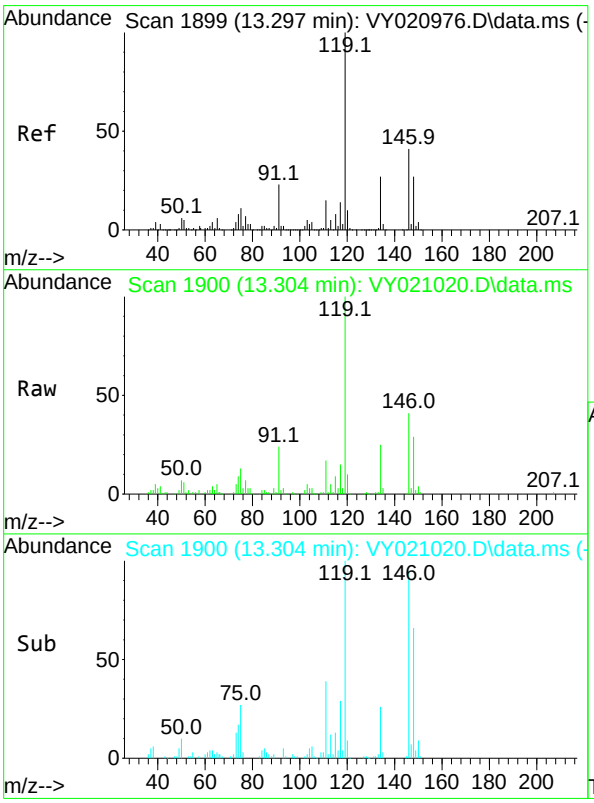
#85
sec-Butylbenzene
Concen: 5.831 ug/l
RT: 13.188 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 49828

Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.3	30.8

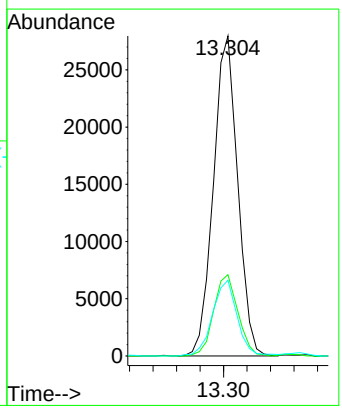


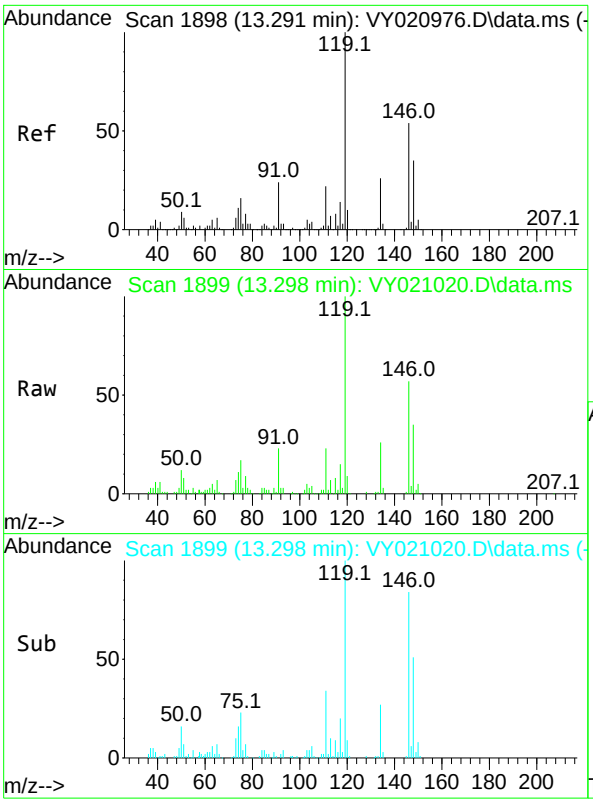


#86
p-Isopropyltoluene
Concen: 5.597 ug/l
RT: 13.304 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:119 Resp: 40197

Ion	Ratio	Lower	Upper
119	100		
134	25.3	13.1	39.3
91	24.1	11.5	34.5



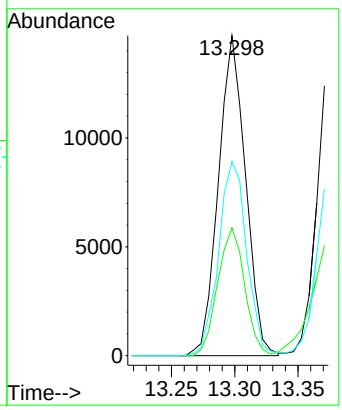


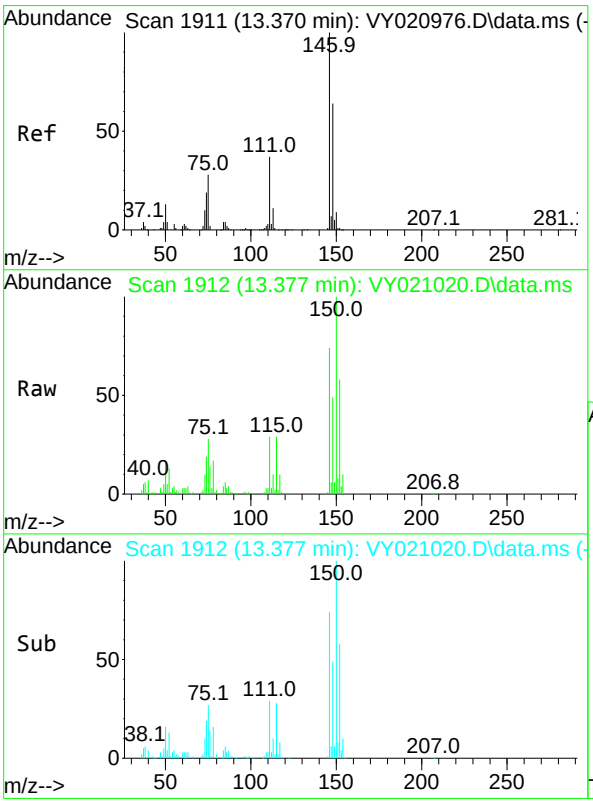
#87
1,3-Dichlorobenzene
Concen: 5.966 ug/l
RT: 13.298 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 21910

Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.7	59.1
148	63.3	32.1	96.3

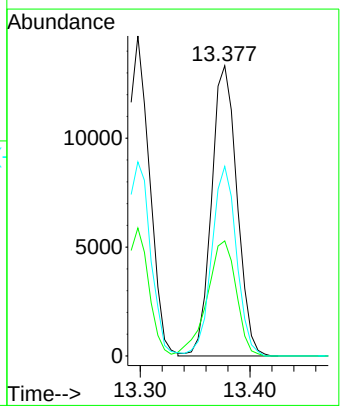


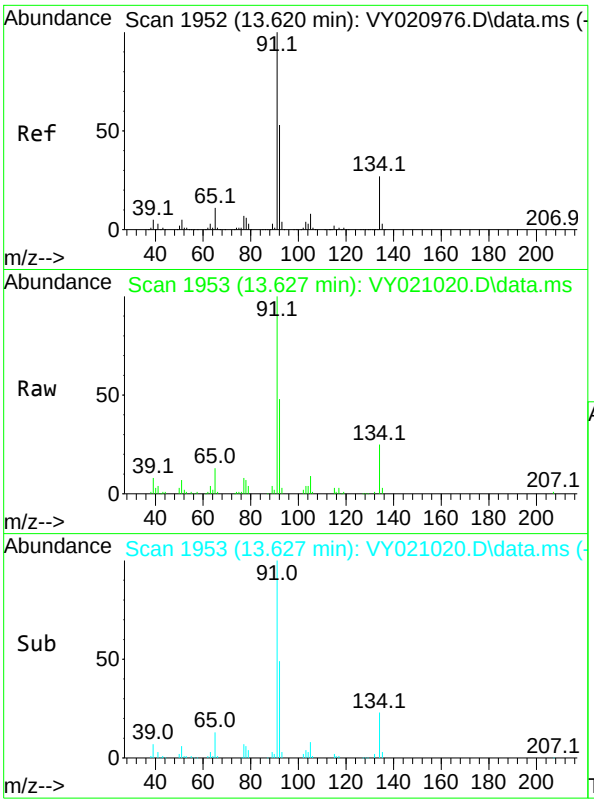


#88
1,4-Dichlorobenzene
Concen: 5.910 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:146 Resp: 21553

Ion	Ratio	Lower	Upper
146	100		
111	45.5	19.0	57.0
148	63.4	31.6	95.0



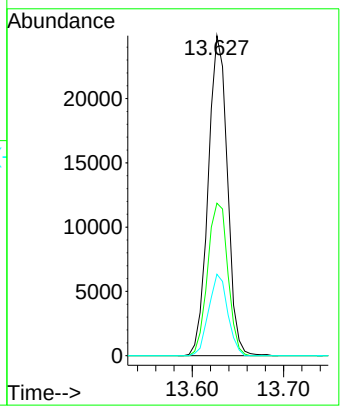


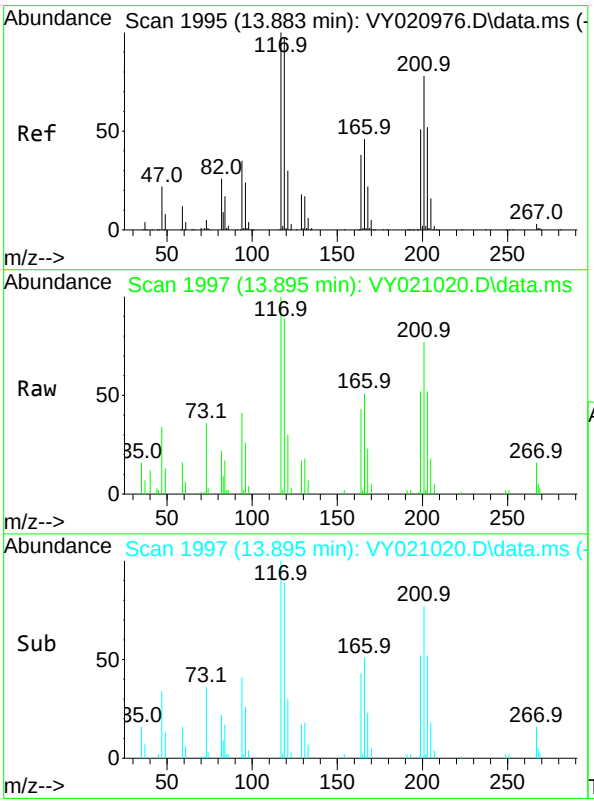
#89
n-Butylbenzene
Concen: 5.630 ug/l
RT: 13.627 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 36214

Ion	Ratio	Lower	Upper
91	100		
92	50.4	26.7	80.1
134	25.2	13.7	41.1

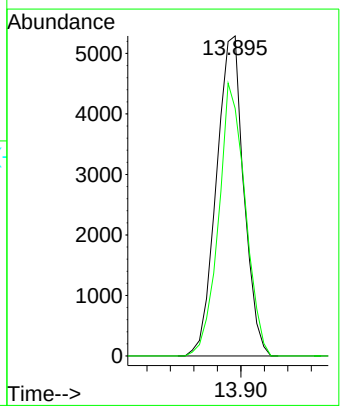


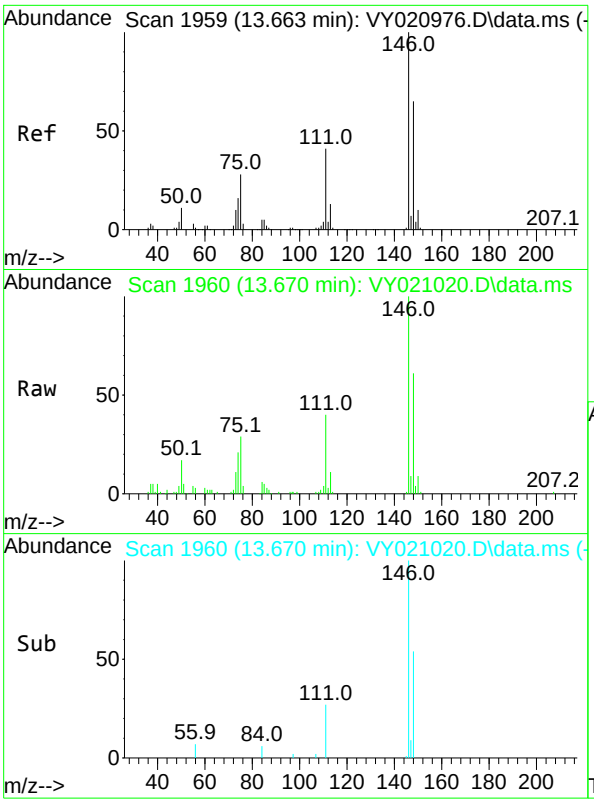


#90
Hexachloroethane
Concen: 5.891 ug/l
RT: 13.895 min Scan# 1997
Delta R.T. 0.013 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:117 Resp: 8559

Ion	Ratio	Lower	Upper
117	100		
201	82.8	42.5	127.5



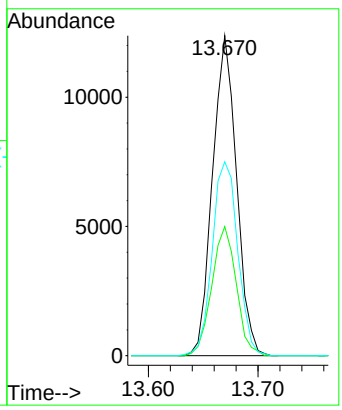


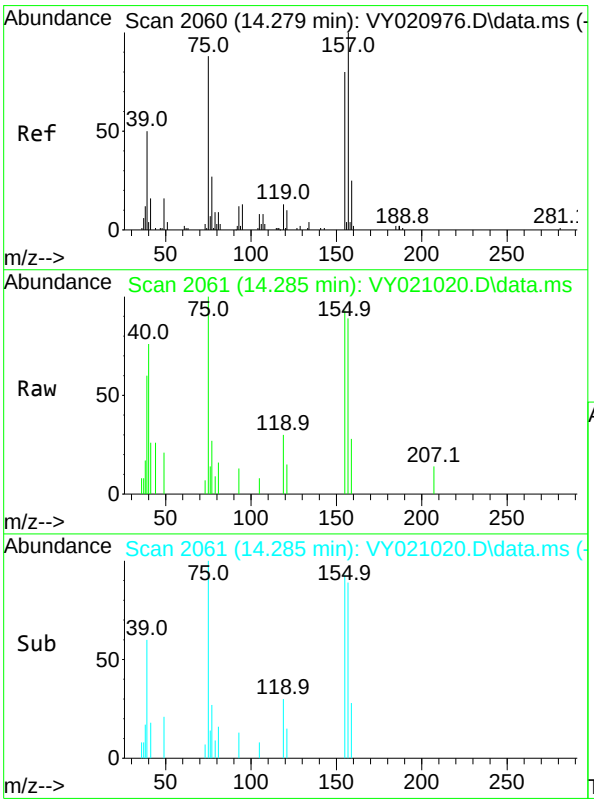
#91
1,2-Dichlorobenzene
Concen: 5.892 ug/l
RT: 13.670 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 18869

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.3	60.8
148	64.4	32.2	96.6

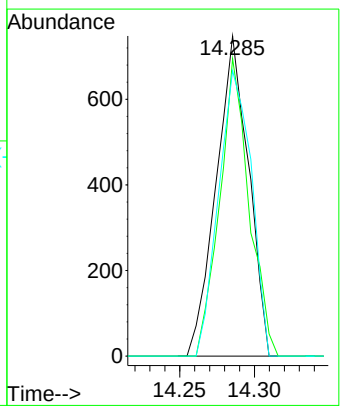


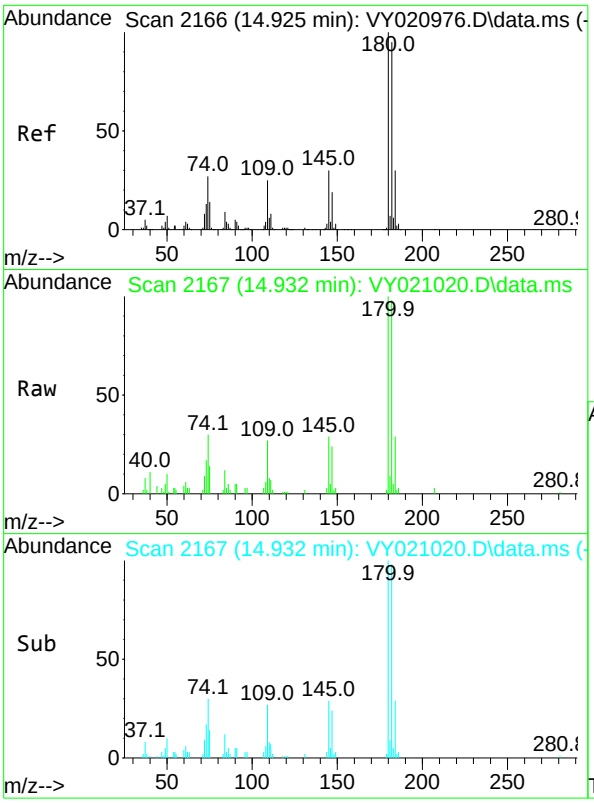


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.699 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 75 Resp: 1125

Ion	Ratio	Lower	Upper
75	100		
155	84.4	45.9	137.6
157	90.1	59.3	177.9



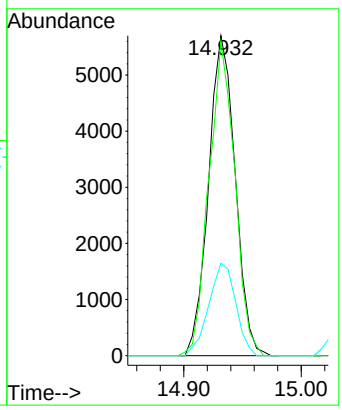


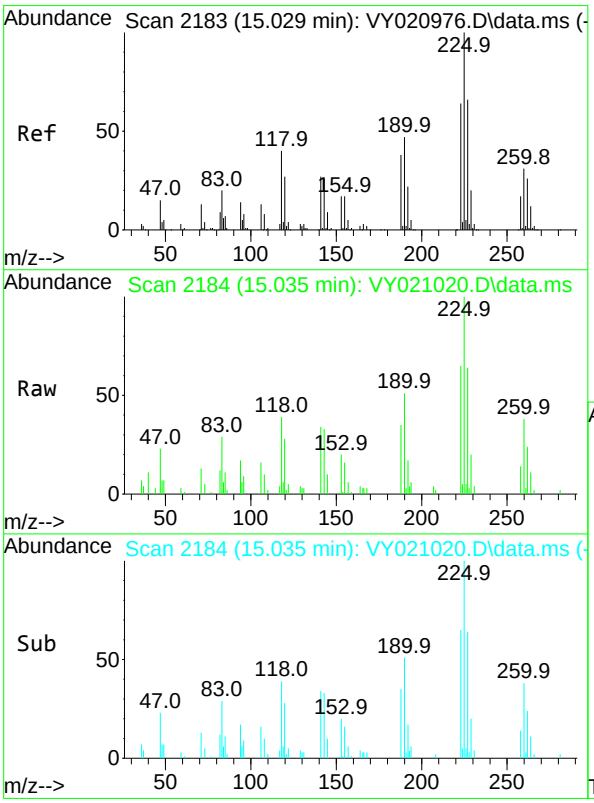
#93
1,2,4-Trichlorobenzene
Concen: 4.590 ug/l
RT: 14.932 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:180 Resp: 9000

Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.3	144.8
145	29.2	15.3	45.8

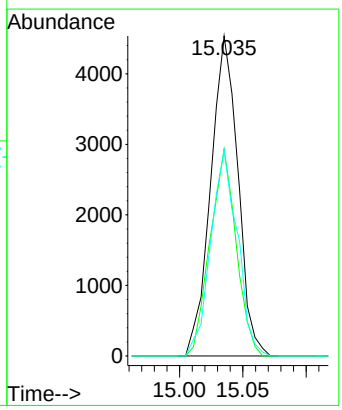


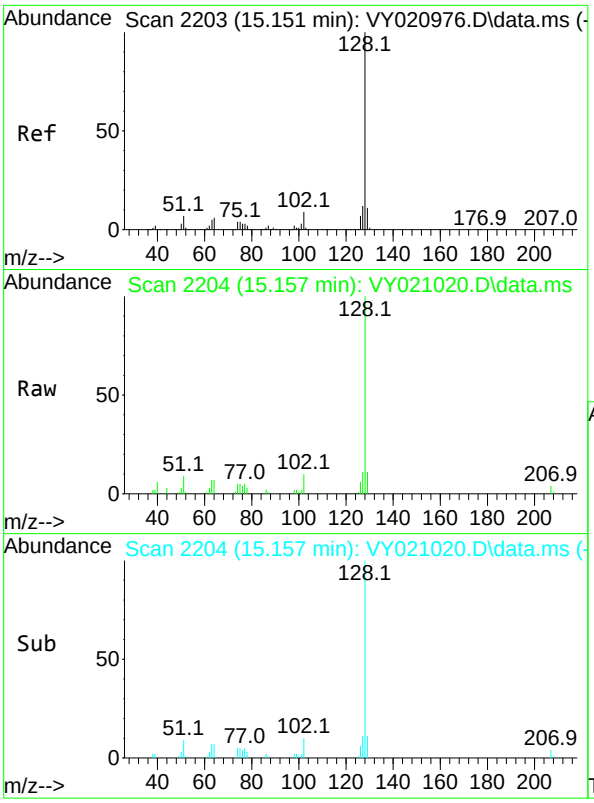


#94
Hexachlorobutadiene
Concen: 5.001 ug/l
RT: 15.035 min Scan# 2184
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:225 Resp: 6792

Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.4	94.2
227	63.1	31.8	95.3



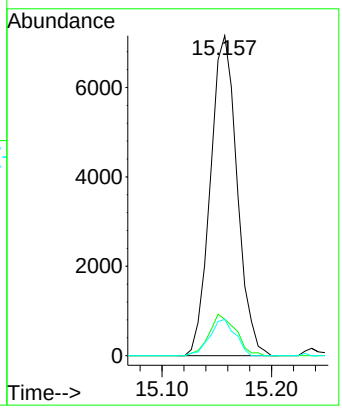


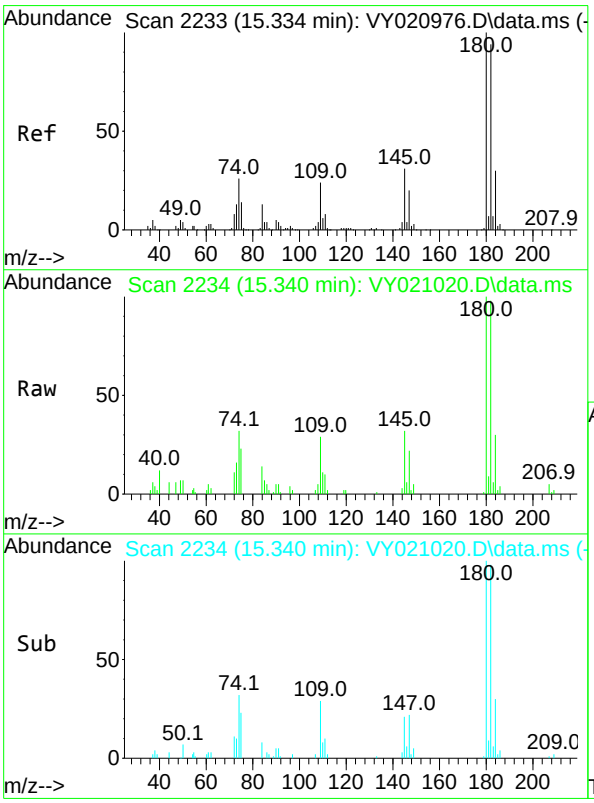
#95
Naphthalene
Concen: 3.847 ug/l
RT: 15.157 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:128 Resp: 12124

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.8	8.8	13.2

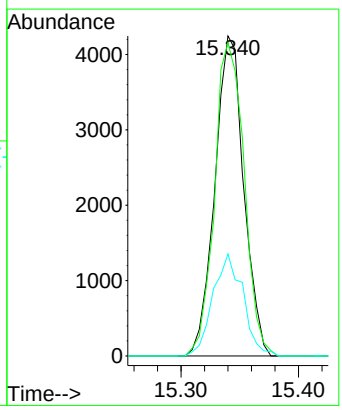




#96
1,2,3-Trichlorobenzene
Concen: 4.375 ug/l
RT: 15.340 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:180 Resp: 7255

Ion	Ratio	Lower	Upper
180	100		
182	100.1	47.7	143.1
145	33.2	15.6	46.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021021.D
Acq On : 03 Feb 2025 10:57
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Quant Time: Feb 03 12:38:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.719	168	182294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	285332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	239030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	115682	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	20294	13.075	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	26.160%#		
35) Dibromofluoromethane	7.646	113	18627	10.859	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	21.720%#		
50) Toluene-d8	10.109	98	70569	10.540	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	21.080%#		
62) 4-Bromofluorobenzene	12.414	95	23279	10.362	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	20.720%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	15959	10.296	ug/l	99
3) Chloromethane	2.074	50	16219	16.458	ug/l	98
4) Vinyl Chloride	2.208	62	16094	15.839	ug/l	93
5) Bromomethane	2.604	94	10042	14.599	ug/l	99
6) Chloroethane	2.745	64	9830	16.561	ug/l	95
7) Trichlorofluoromethane	3.068	101	29663	12.097	ug/l	90
8) Diethyl Ether	3.458	74	9330	12.745	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.824	101	18483	11.194	ug/l	96
10) Methyl Iodide	4.019	142	19381	10.258	ug/l	98
11) Tert butyl alcohol	4.860	59	4102	36.180	ug/l #	86
12) 1,1-Dichloroethene	3.799	96	17176	11.131	ug/l	90
13) Acrolein	3.665	56	10409	79.726	ug/l	96
14) Allyl chloride	4.391	41	28376	13.358	ug/l	93
15) Acrylonitrile	5.074	53	19104	63.446	ug/l	97
16) Acetone	3.879	43	15112	71.438	ug/l #	86
17) Carbon Disulfide	4.116	76	53088	11.171	ug/l	100
18) Methyl Acetate	4.397	43	10297	13.911	ug/l	94
19) Methyl tert-butyl Ether	5.128	73	43216	12.033	ug/l	96
20) Methylene Chloride	4.622	84	18455	11.829	ug/l	89
21) trans-1,2-Dichloroethene	5.128	96	18903	11.426	ug/l	100
22) Diisopropyl ether	6.031	45	59888	13.831	ug/l #	89
23) Vinyl Acetate	5.970	43	166437	69.409	ug/l	94
24) 1,1-Dichloroethane	5.927	63	34569	12.375	ug/l	99
25) 2-Butanone	6.902	43	24268	67.624	ug/l	93
26) 2,2-Dichloropropane	6.896	77	32771	11.915	ug/l	97
27) cis-1,2-Dichloroethene	6.902	96	21309	11.206	ug/l	91
28) Bromochloromethane	7.256	49	13417	12.892	ug/l	86
29) Tetrahydrofuran	7.274	42	16758	69.395	ug/l	92
30) Chloroform	7.427	83	37054	12.247	ug/l	100
31) Cyclohexane	7.707	56	32272	11.819	ug/l #	88
32) 1,1,1-Trichloroethane	7.628	97	32862	11.223	ug/l	95
36) 1,1-Dichloropropene	7.847	75	26479	10.820	ug/l	96
37) Ethyl Acetate	6.994	43	11876	13.017	ug/l	97
38) Carbon Tetrachloride	7.823	117	31462	10.389	ug/l	96
39) Methylcyclohexane	9.115	83	31392	9.549	ug/l	90
40) Benzene	8.085	78	78846	10.950	ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021021.D
Acq On : 03 Feb 2025 10:57
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Quant Time: Feb 03 12:38:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.262	41	16460	32.608 ug/l #	33
42) 1,2-Dichloroethane	8.164	62	22281	12.201 ug/l	99
43) Isopropyl Acetate	8.207	43	23795	13.055 ug/l #	84
44) Trichloroethene	8.872	130	20261	10.197 ug/l	100
45) 1,2-Dichloropropane	9.146	63	18765	11.627 ug/l	96
46) Dibromomethane	9.237	93	10511	11.191 ug/l	94
47) Bromodichloromethane	9.432	83	28538	11.570 ug/l	96
48) Methyl methacrylate	9.225	41	10297	11.866 ug/l	93
49) 1,4-Dioxane	9.231	88	1885	188.876 ug/l #	89
51) 4-Methyl-2-Pentanone	10.006	43	60088	64.159 ug/l	94
52) Toluene	10.176	92	48876	10.457 ug/l	99
53) t-1,3-Dichloropropene	10.402	75	24301	10.888 ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	29426	11.031 ug/l	93
55) 1,1,2-Trichloroethane	10.579	97	13425	10.748 ug/l	96
56) Ethyl methacrylate	10.445	69	16883	10.341 ug/l #	86
57) 1,3-Dichloropropane	10.725	76	23377	11.042 ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	41611	60.048 ug/l	95
59) 2-Hexanone	10.768	43	37306	61.283 ug/l	90
60) Dibromochloromethane	10.914	129	18851	10.585 ug/l	100
61) 1,2-Dibromoethane	11.018	107	12746	10.684 ug/l	100
64) Tetrachloroethene	10.652	164	17544	9.730 ug/l	98
65) Chlorobenzene	11.450	112	53298	10.583 ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.524	131	19150	10.714 ug/l	99
67) Ethyl Benzene	11.524	91	90783	10.411 ug/l	99
68) m/p-Xylenes	11.633	106	69094	20.624 ug/l	98
69) o-Xylene	11.963	106	31473	10.106 ug/l	96
70) Styrene	11.975	104	53436	10.334 ug/l	98
71) Bromoform	12.139	173	10627	10.088 ug/l #	97
73) Isopropylbenzene	12.261	105	85491	10.522 ug/l	98
74) N-amyl acetate	12.078	43	18529	12.524 ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.511	83	14942	11.393 ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	19562	21.361 ug/l #	100
77) Bromobenzene	12.536	156	20634	10.712 ug/l	94
78) n-propylbenzene	12.603	91	102250	10.738 ug/l	97
79) 2-Chlorotoluene	12.688	91	59630	10.991 ug/l	98
80) 1,3,5-Trimethylbenzene	12.743	105	70161	10.541 ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	5224	11.842 ug/l	92
82) 4-Chlorotoluene	12.786	91	62279	11.217 ug/l	96
83) tert-Butylbenzene	13.005	119	63506	10.287 ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	67906	10.444 ug/l	100
85) sec-Butylbenzene	13.182	105	92610	10.596 ug/l	98
86) p-Isopropyltoluene	13.298	119	74892	10.196 ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	39016	10.388 ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	39379	10.559 ug/l	95
89) n-Butylbenzene	13.627	91	67632	10.280 ug/l	97
90) Hexachloroethane	13.889	117	16030	10.788 ug/l	95
91) 1,2-Dichlorobenzene	13.670	146	35252	10.763 ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	2296	11.372 ug/l	87
93) 1,2,4-Trichlorobenzene	14.932	180	17451	8.702 ug/l	98
94) Hexachlorobutadiene	15.029	225	11988	8.631 ug/l	99
95) Naphthalene	15.151	128	27103	8.409 ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	14804	8.729 ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021021.D
Acq On : 03 Feb 2025 10:57
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Quant Time: Feb 03 12:38:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

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

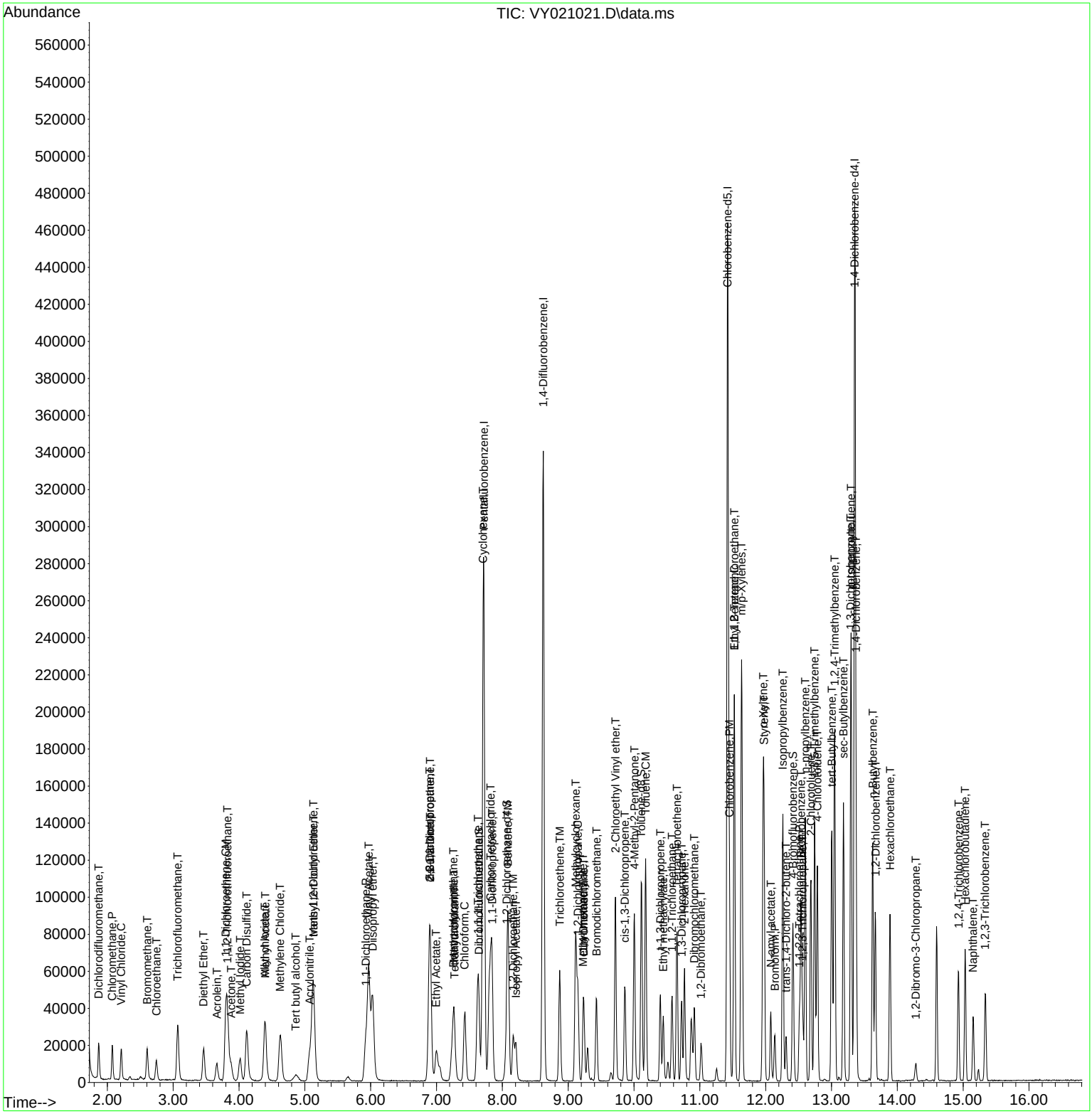
(#) = qualifier out of range (m) = manual integration (+) = signals summed

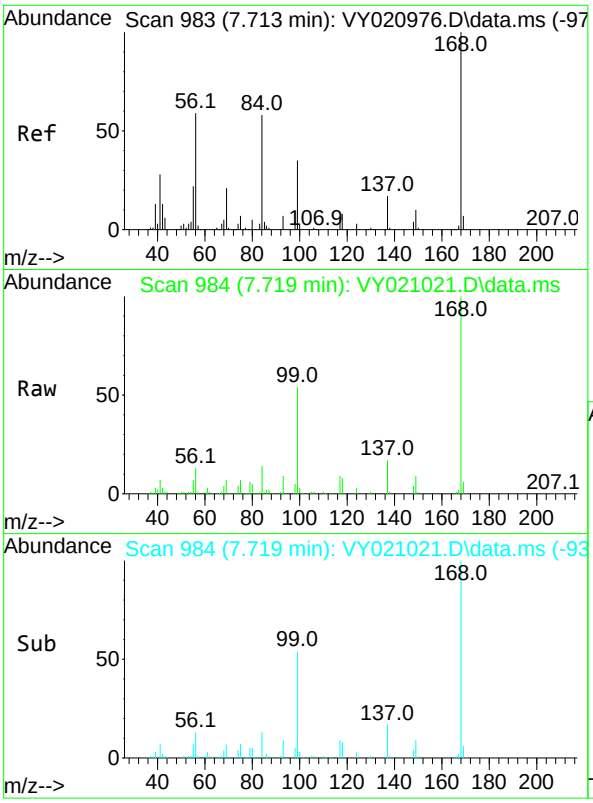
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021021.D
Acq On : 03 Feb 2025 10:57
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Quant Time: Feb 03 12:38:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration



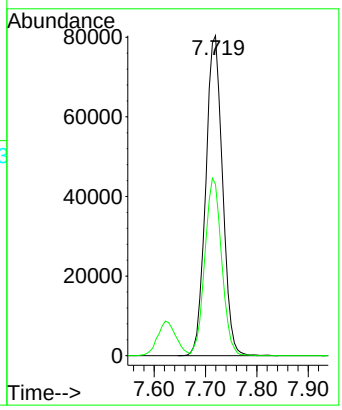


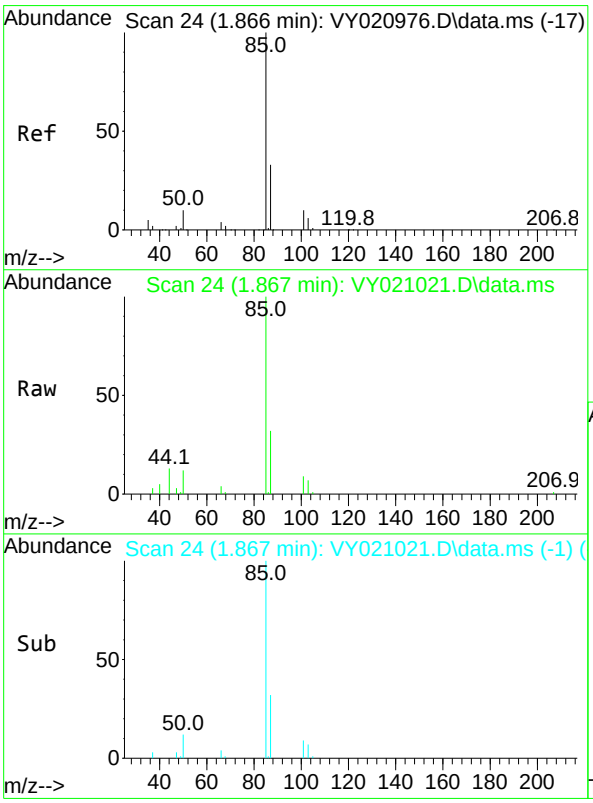
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:168 Resp: 182294

Ion	Ratio	Lower	Upper
168	100		
99	53.6	42.2	63.2

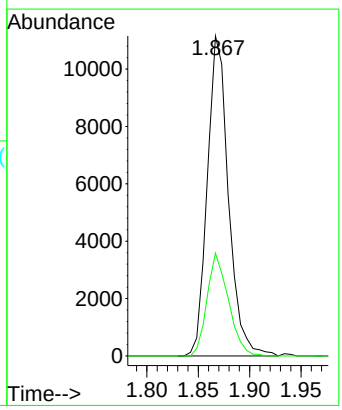


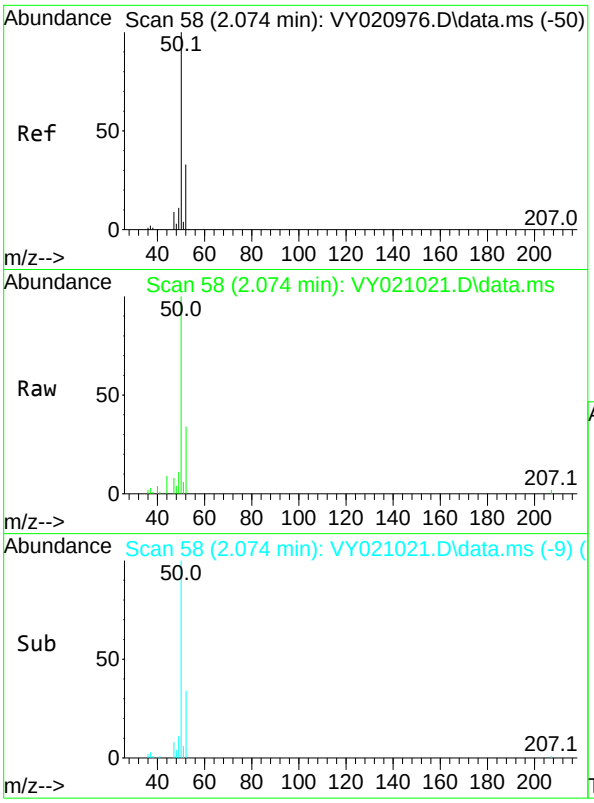


#2
Dichlorodifluoromethane
Concen: 10.296 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 85 Resp: 15959

Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.3	48.9



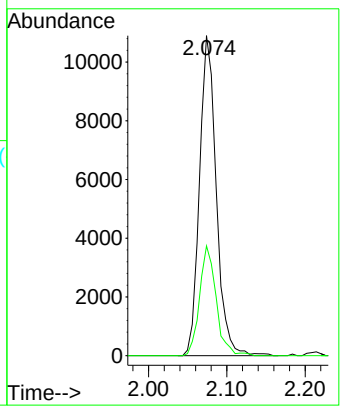


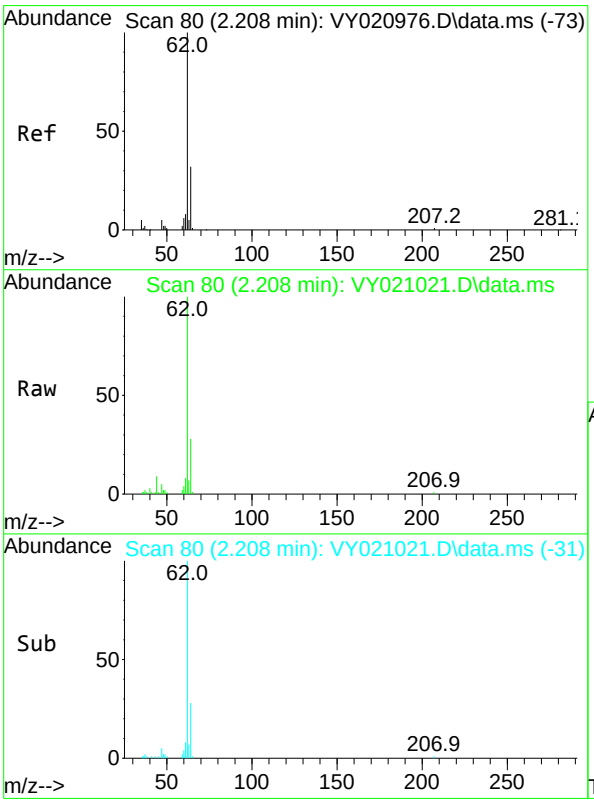
#3
Chloromethane
Concen: 16.458 ug/l
RT: 2.074 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 50 Resp: 16219

Ion	Ratio	Lower	Upper
50	100		
52	34.3	26.3	39.5

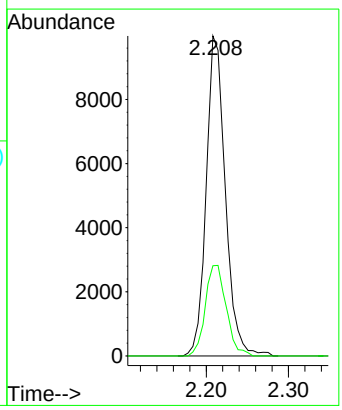


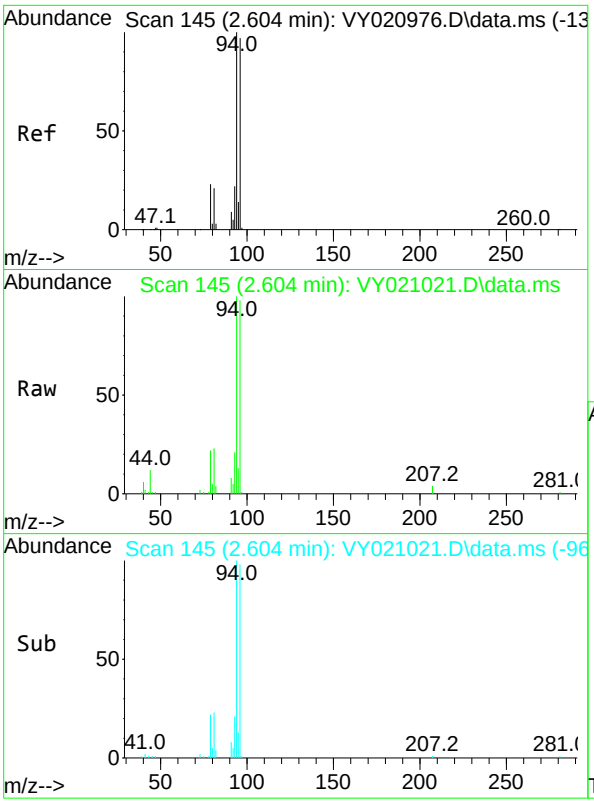


#4
Vinyl Chloride
Concen: 15.839 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 62 Resp: 16094

Ion	Ratio	Lower	Upper
62	100		
64	28.2	25.4	38.2



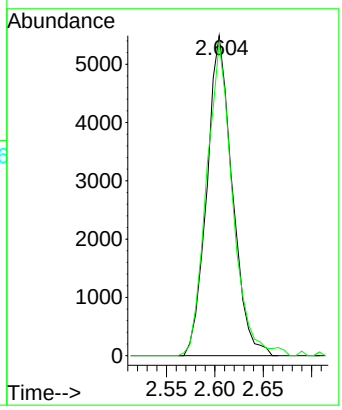


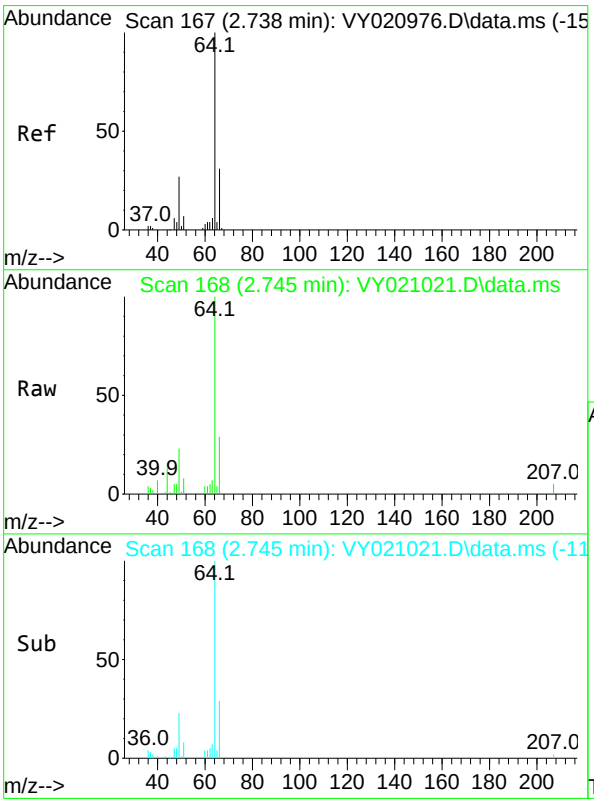
#5
Bromomethane
Concen: 14.599 ug/l
RT: 2.604 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 94 Resp: 10042

Ion	Ratio	Lower	Upper
94	100		
96	97.7	77.4	116.0

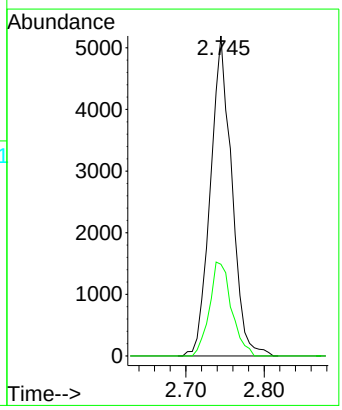


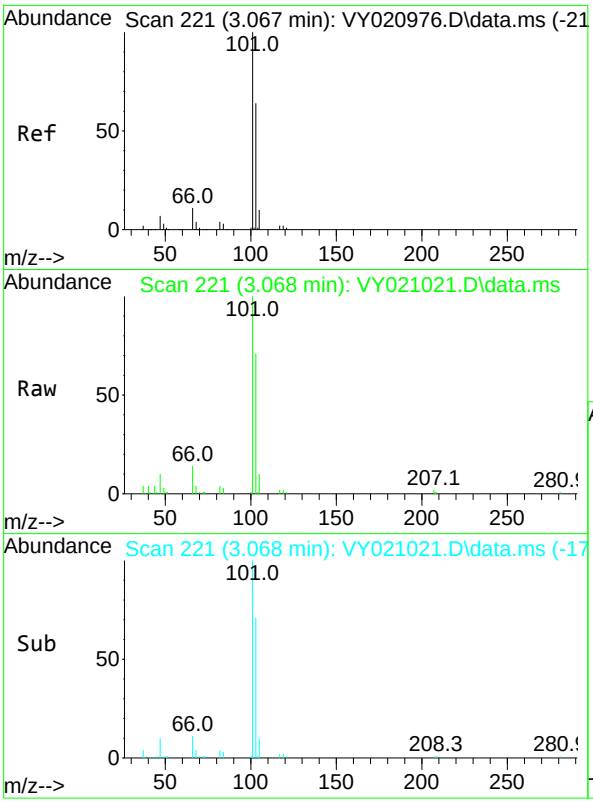


#6
Chloroethane
Concen: 16.561 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 64 Resp: 9830

Ion	Ratio	Lower	Upper
64	100		
66	28.6	25.0	37.4



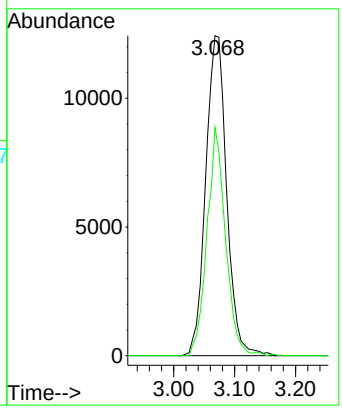


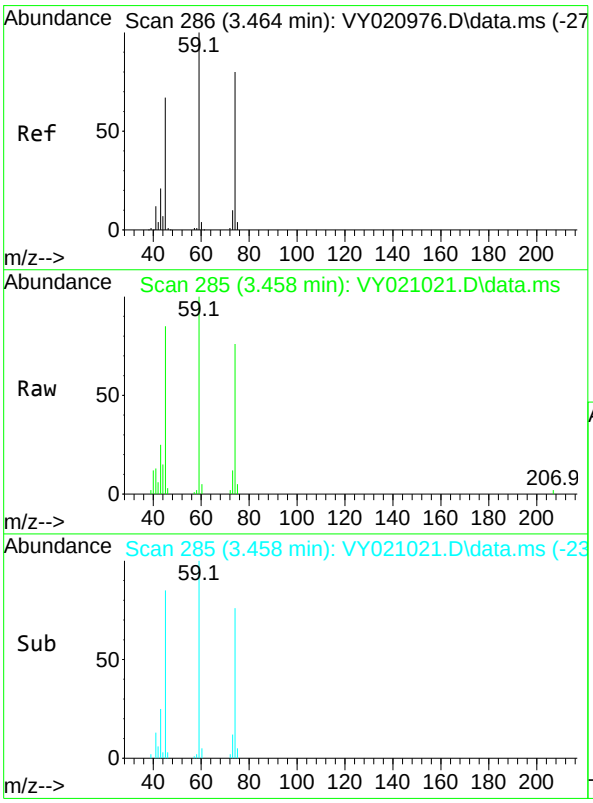
#7
Trichlorofluoromethane
Concen: 12.097 ug/l
RT: 3.068 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 29663

Ion	Ratio	Lower	Upper
101	100		
103	71.3	50.9	76.3

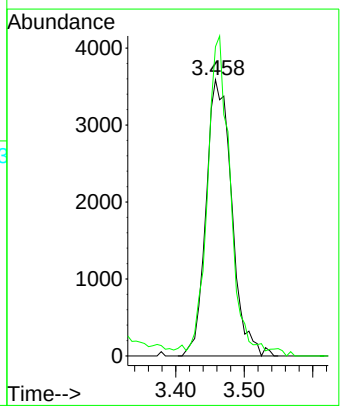


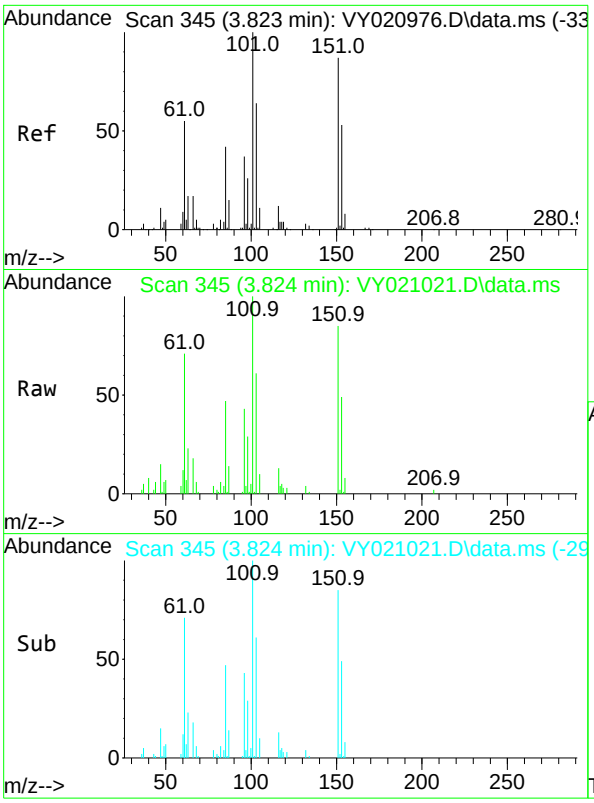


#8
Diethyl Ether
Concen: 12.745 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 74 Resp: 9330

Ion	Ratio	Lower	Upper
74	100		
45	97.0	43.4	130.2



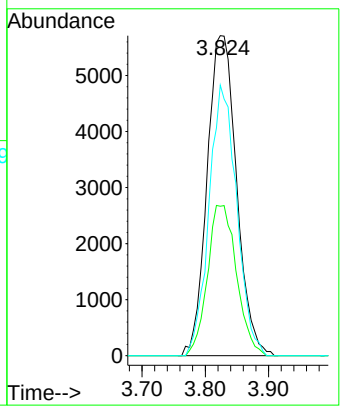


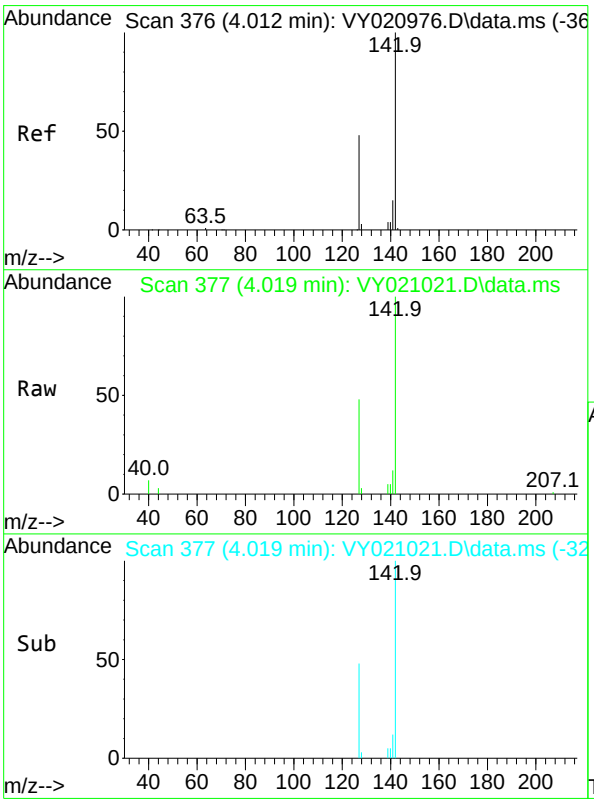
#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.194 ug/l
RT: 3.824 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 18483

Ion	Ratio	Lower	Upper
101	100		
85	46.3	34.9	52.3
151	79.6	66.8	100.2

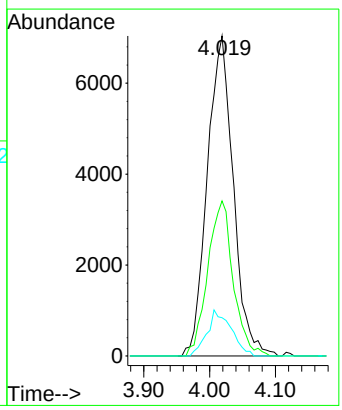


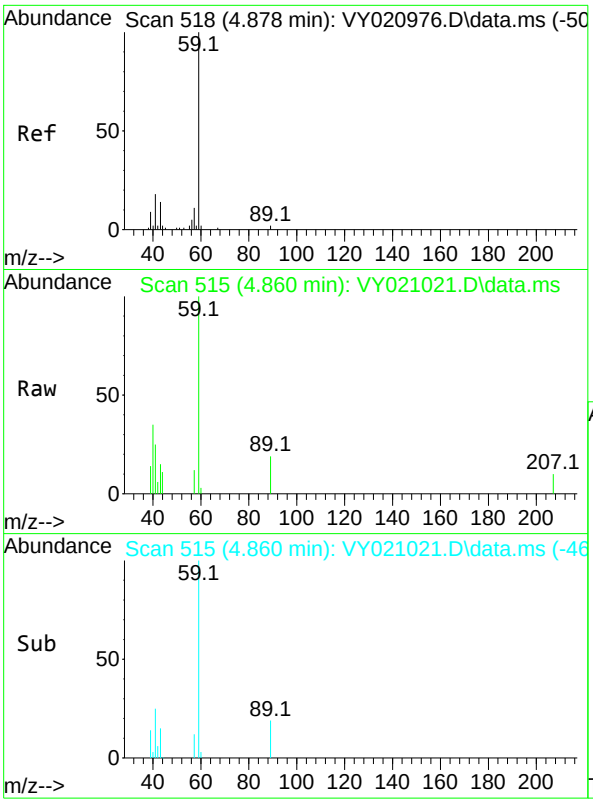


#10
Methyl Iodide
Concen: 10.258 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:142 Resp: 19381

Ion	Ratio	Lower	Upper
142	100		
127	47.5	38.9	58.3
141	13.3	11.7	17.5



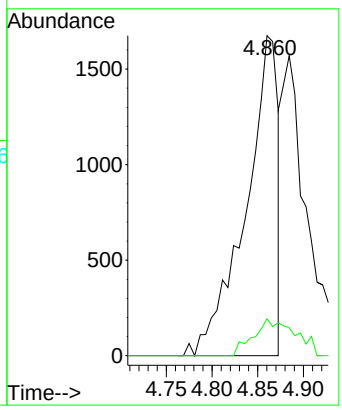


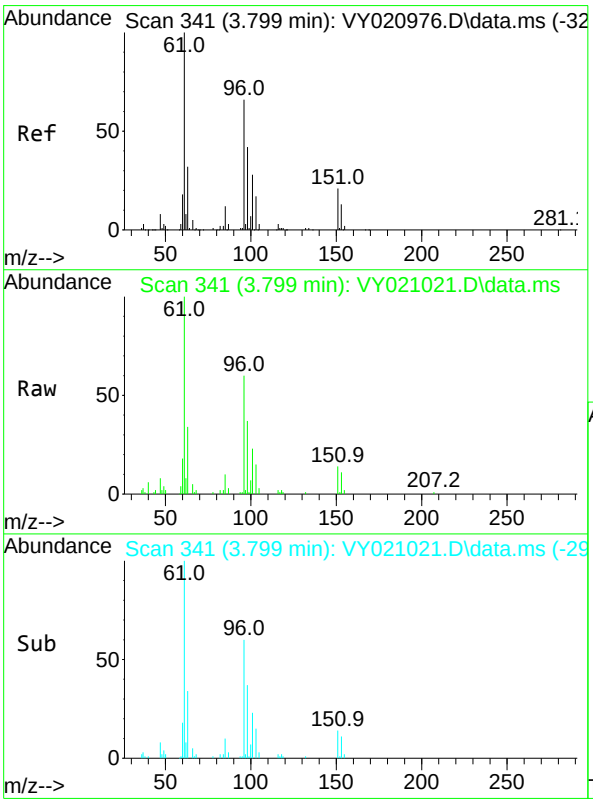
#11
Tert butyl alcohol
Concen: 36.180 ug/l
RT: 4.860 min Scan# 5
Delta R.T. -0.018 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 59 Resp: 4102

Ion	Ratio	Lower	Upper
59	100		
57	14.9	7.8	11.8#

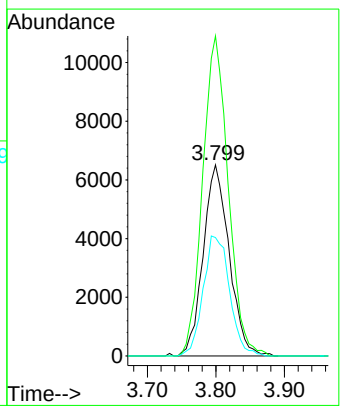


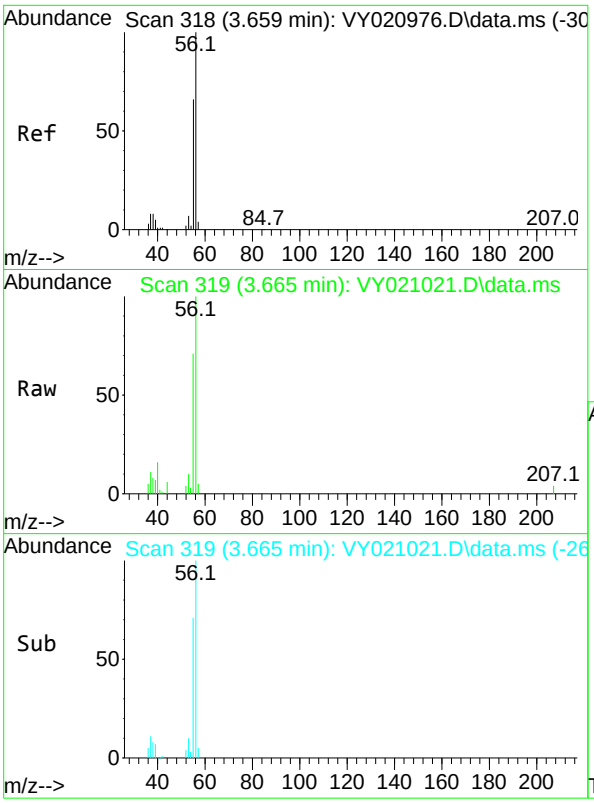


#12
1,1-Dichloroethene
Concen: 11.131 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 96 Resp: 17176

Ion	Ratio	Lower	Upper
96	100		
61	167.5	120.8	181.2
98	62.0	50.6	76.0



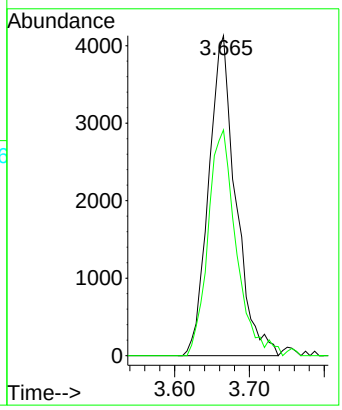


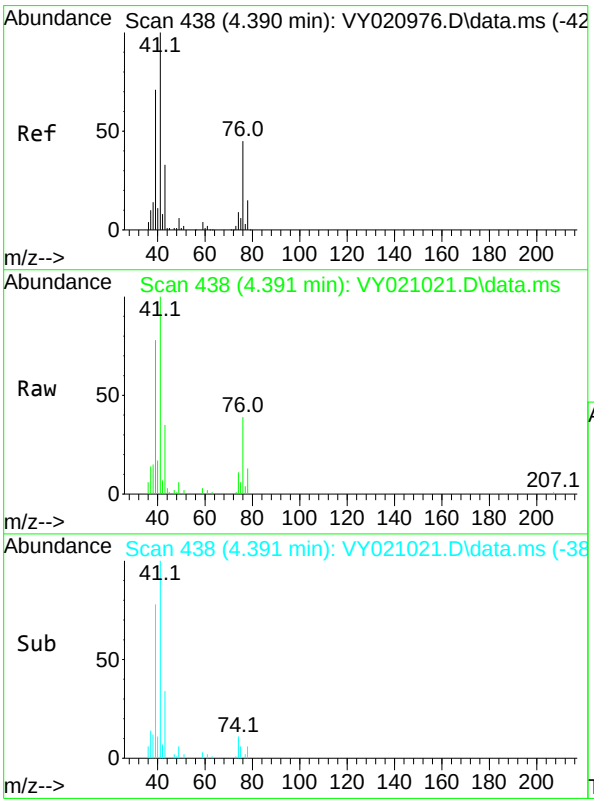
#13
Acrolein
Concen: 79.726 ug/l
RT: 3.665 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 56 Resp: 10409

Ion	Ratio	Lower	Upper
56	100		
55	73.3	56.1	84.1

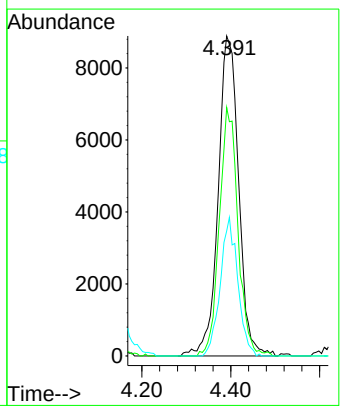


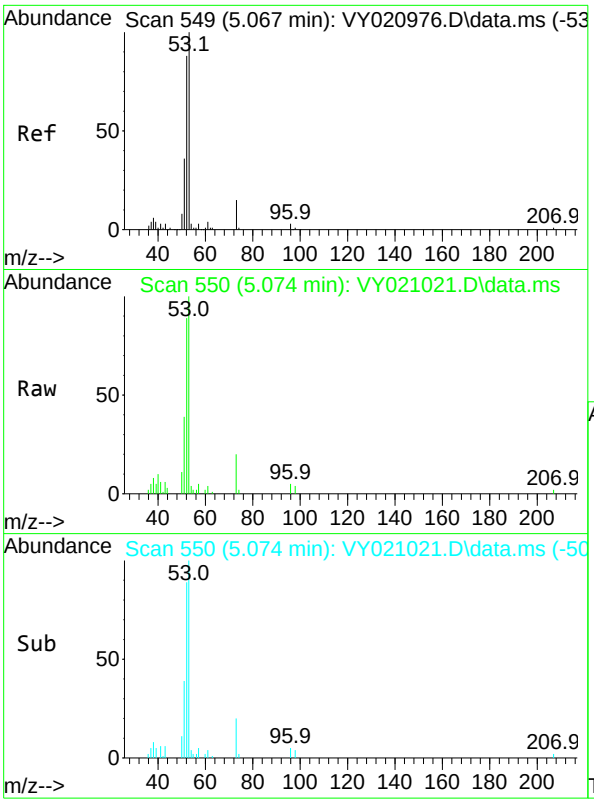


#14
Allyl chloride
Concen: 13.358 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 41 Resp: 28376

Ion	Ratio	Lower	Upper
41	100		
39	70.7	53.5	80.3
76	37.1	34.6	52.0



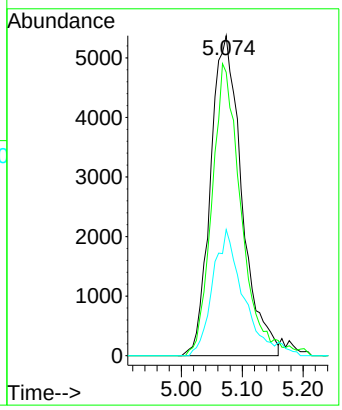


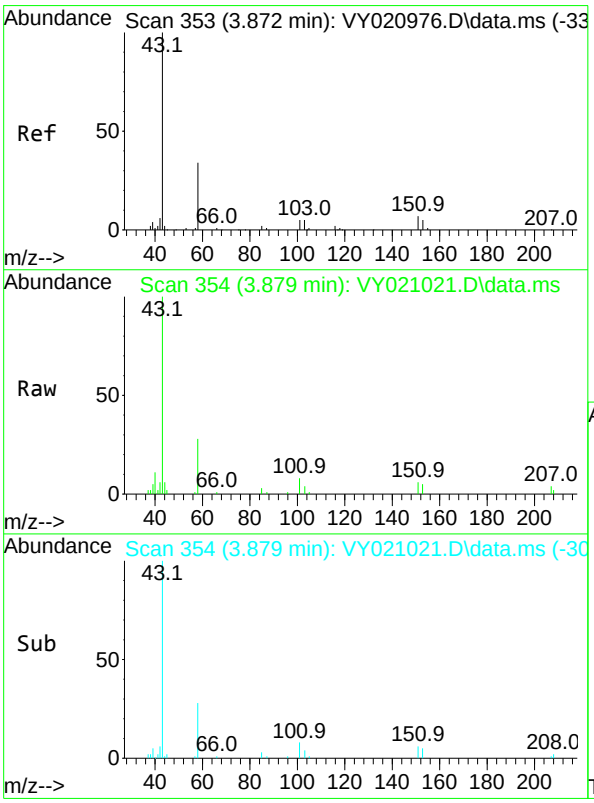
#15
Acrylonitrile
Concen: 63.446 ug/l
RT: 5.074 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 53 Resp: 19104

Ion	Ratio	Lower	Upper
53	100		
52	86.0	66.2	99.4
51	38.0	29.4	44.0

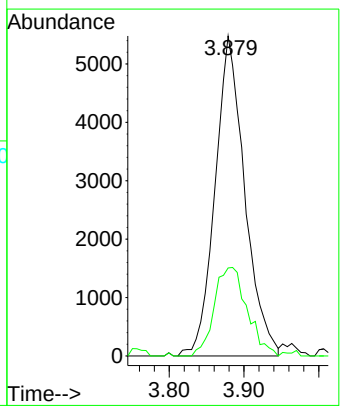


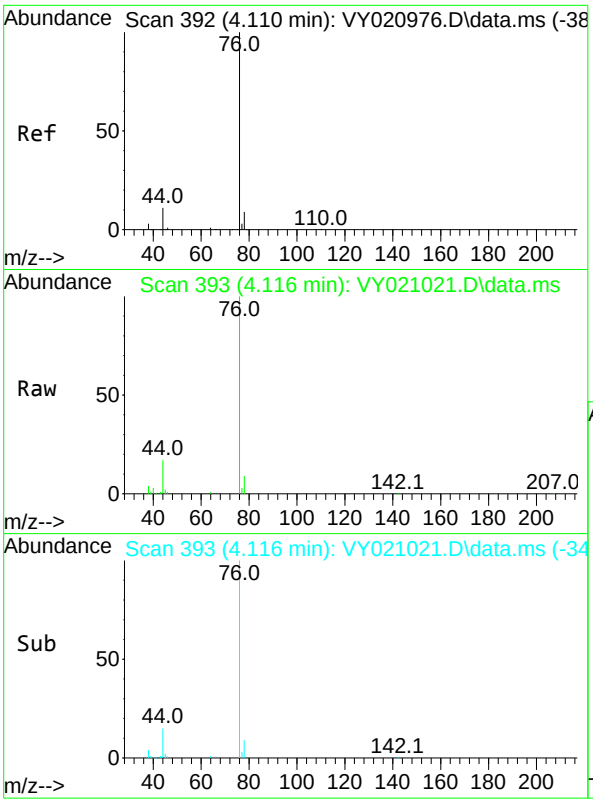


#16
Acetone
Concen: 71.438 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 43 Resp: 15112

Ion	Ratio	Lower	Upper
43	100		
58	27.5	28.4	42.6#



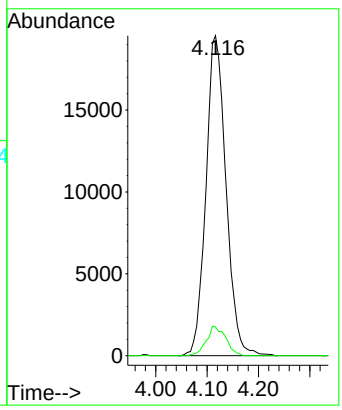


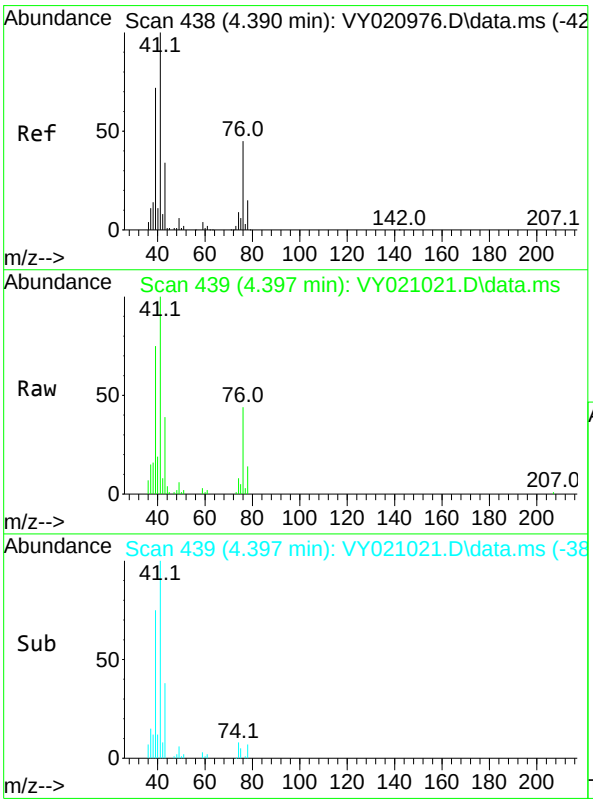
#17
Carbon Disulfide
Concen: 11.171 ug/l
RT: 4.116 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 76 Resp: 53088

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

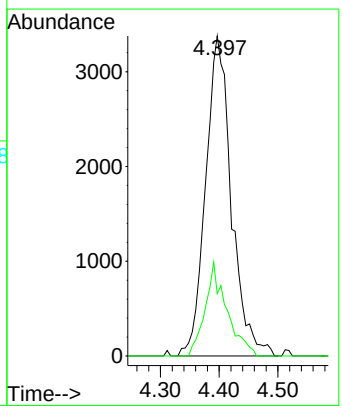


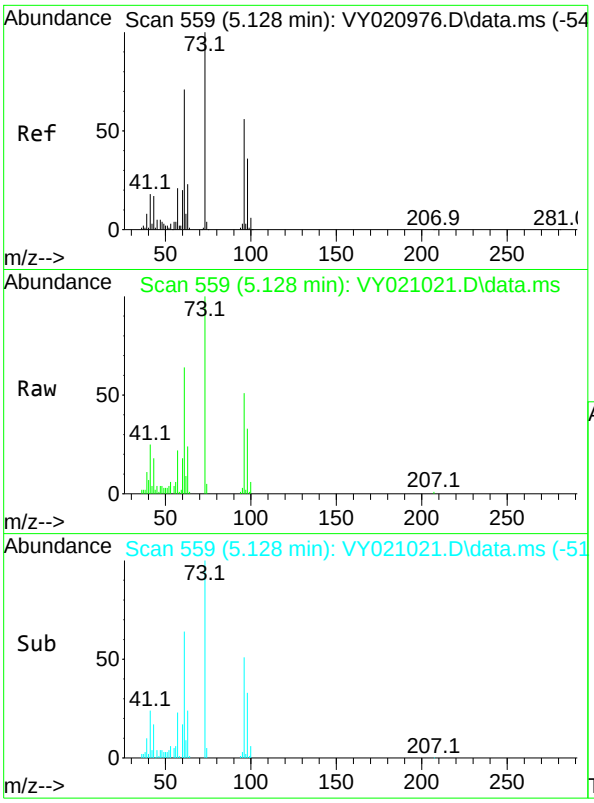


#18
Methyl Acetate
Concen: 13.911 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 43 Resp: 10297

Ion	Ratio	Lower	Upper
43	100		
74	24.6	22.2	33.4



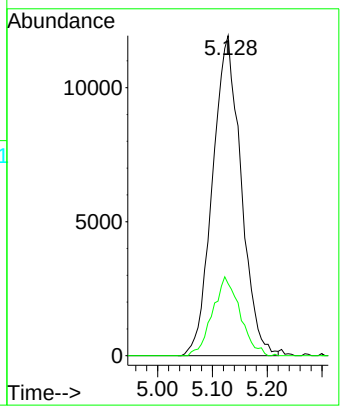


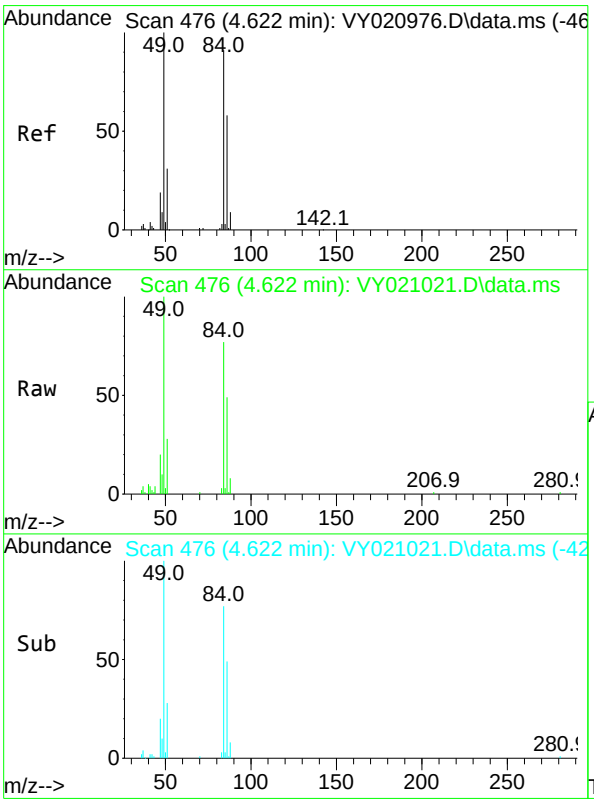
#19
Methyl tert-butyl Ether
Concen: 12.033 ug/l
RT: 5.128 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 73 Resp: 43216

Ion	Ratio	Lower	Upper
73	100		
57	22.5	16.6	25.0

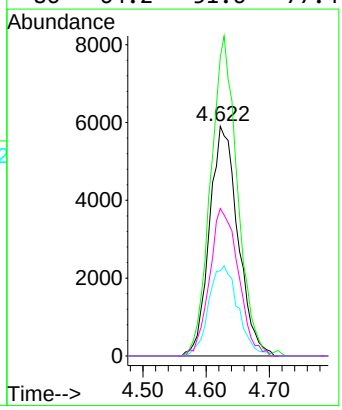


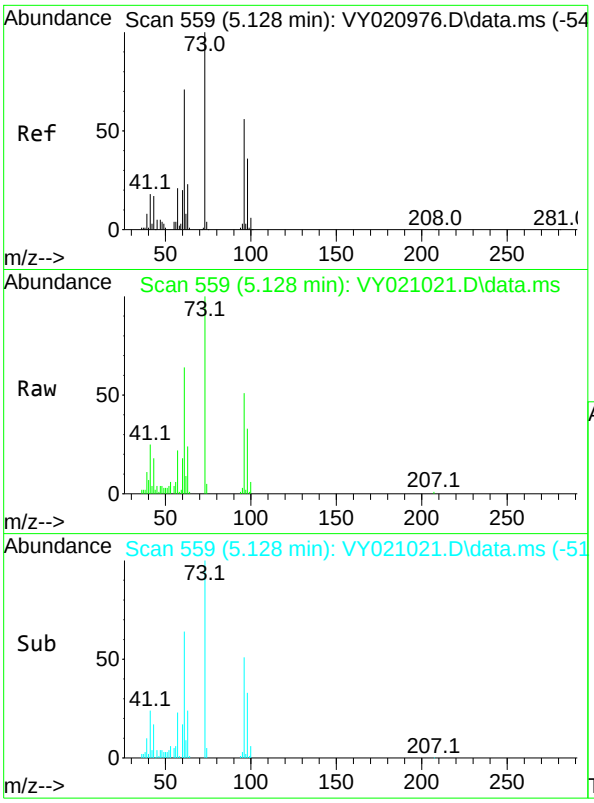


#20
Methylene Chloride
Concen: 11.829 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 84 Resp: 18455

Ion	Ratio	Lower	Upper
84	100		
49	130.0	88.3	132.5
51	37.0	27.7	41.5
86	64.2	51.6	77.4



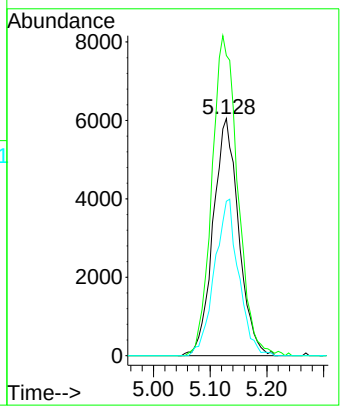


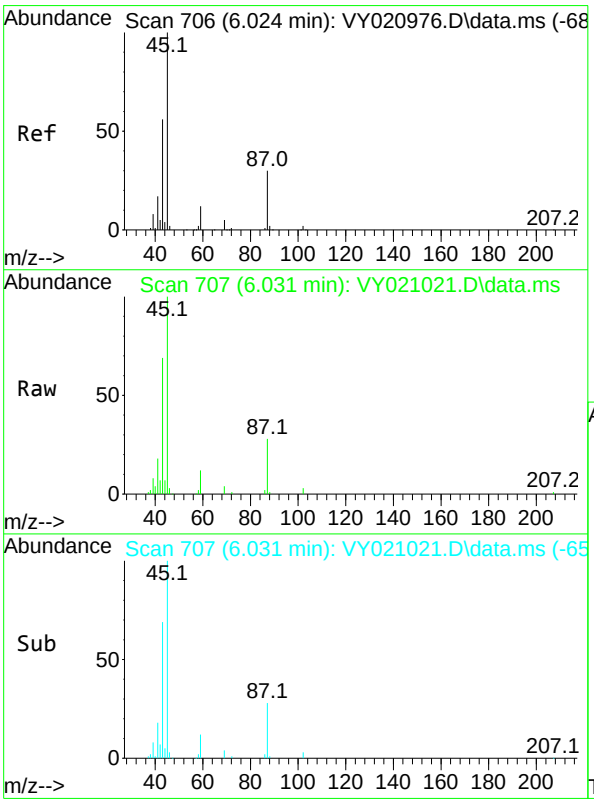
#21
trans-1,2-Dichloroethene
Concen: 11.426 ug/l
RT: 5.128 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 96 Resp: 18903

Ion	Ratio	Lower	Upper
96	100		
61	126.5	101.5	152.3
98	65.1	52.0	78.0

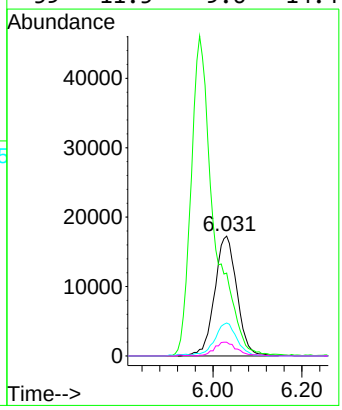


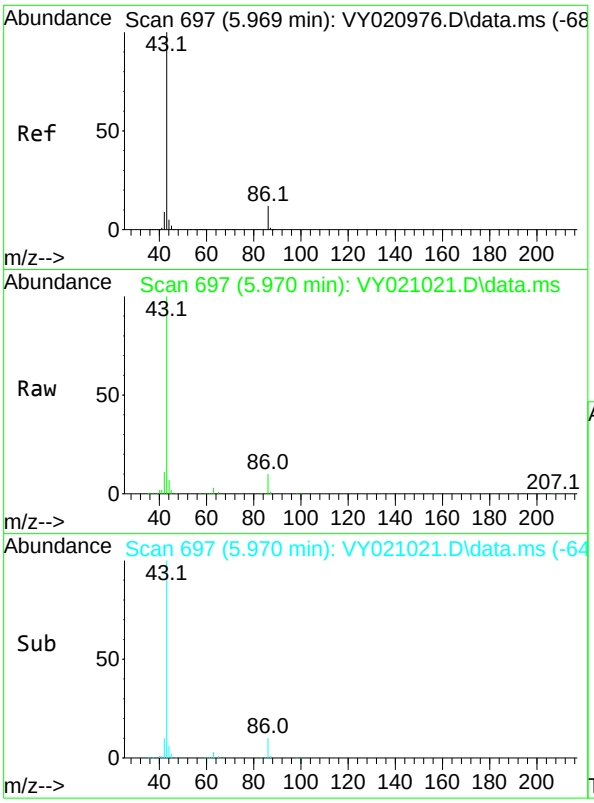


#22
Diisopropyl ether
Concen: 13.831 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 45 Resp: 59888

Ion	Ratio	Lower	Upper
45	100		
43	67.8	45.1	67.7#
87	27.5	25.0	37.4
59	11.5	9.6	14.4



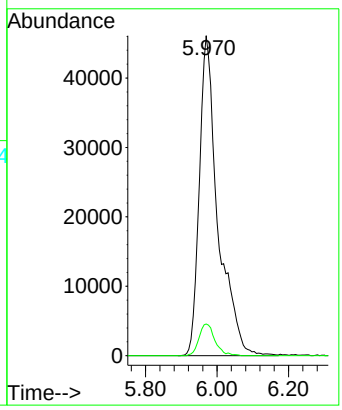


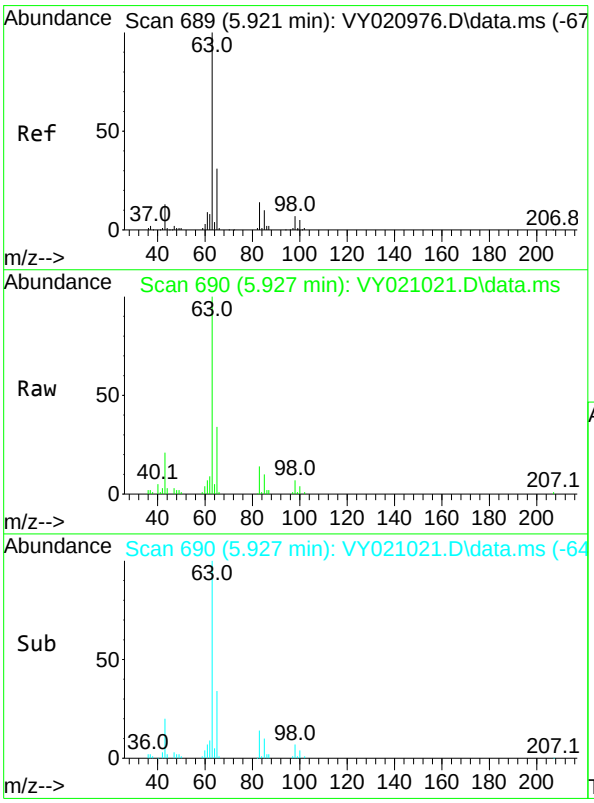
#23
Vinyl Acetate
Concen: 69.409 ug/l
RT: 5.970 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 166437

Ion	Ratio	Lower	Upper
43	100		
86	9.9	9.7	14.5

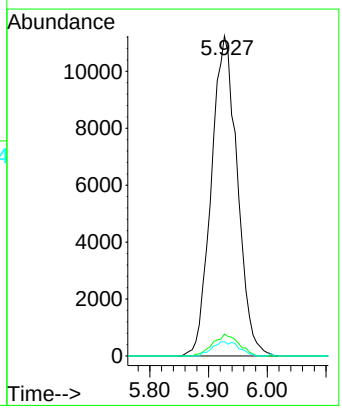


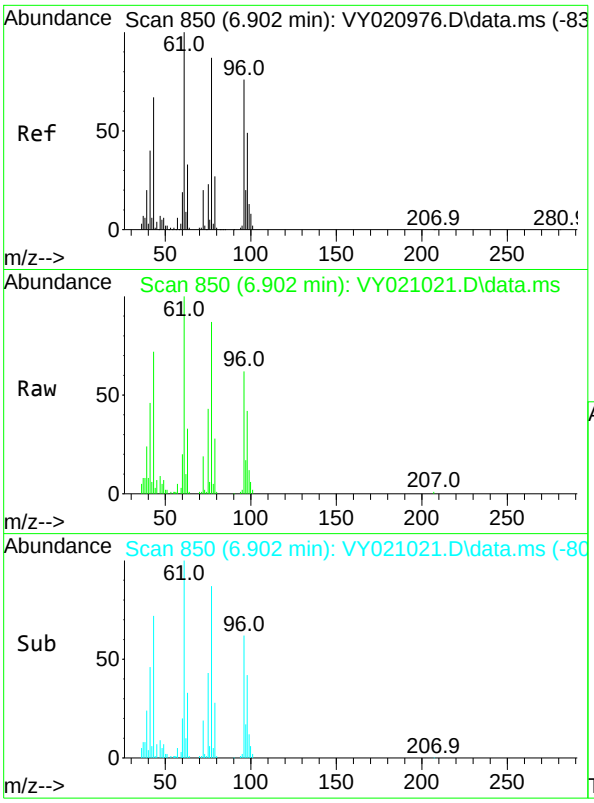


#24
1,1-Dichloroethane
Concen: 12.375 ug/l
RT: 5.927 min Scan# 690
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 63 Resp: 34569

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.7	11.1
100	4.4	2.4	7.2



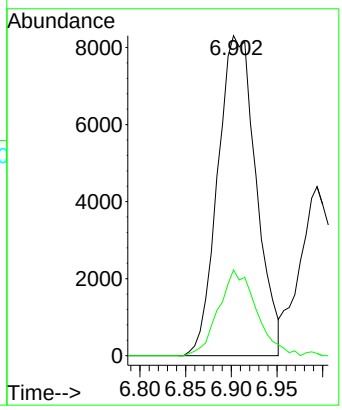


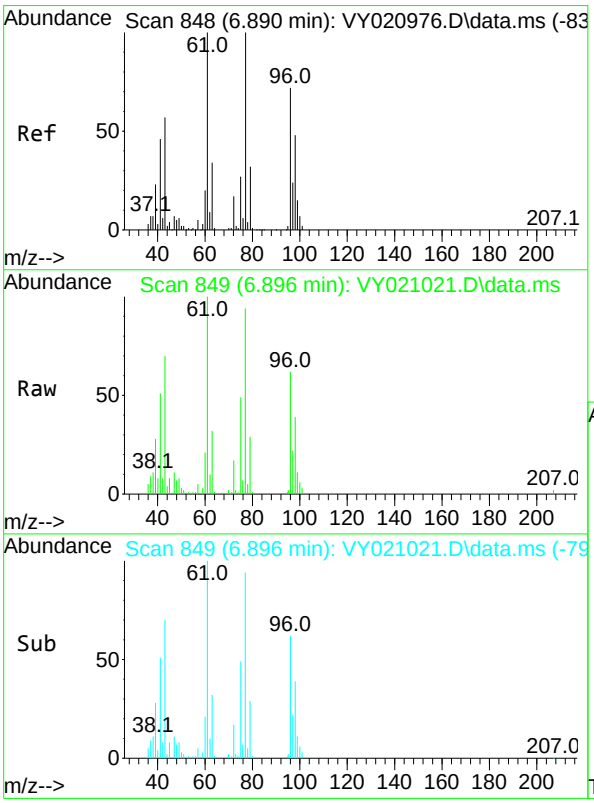
#25
2-Butanone
Concen: 67.624 ug/l
RT: 6.902 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 24268

Ion	Ratio	Lower	Upper
43	100		
72	26.8	24.3	36.5

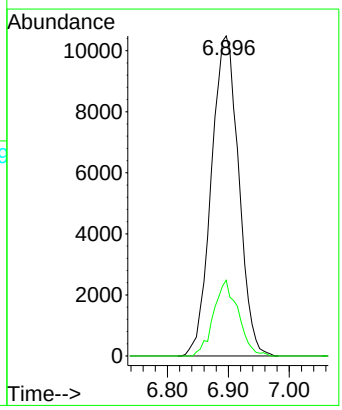


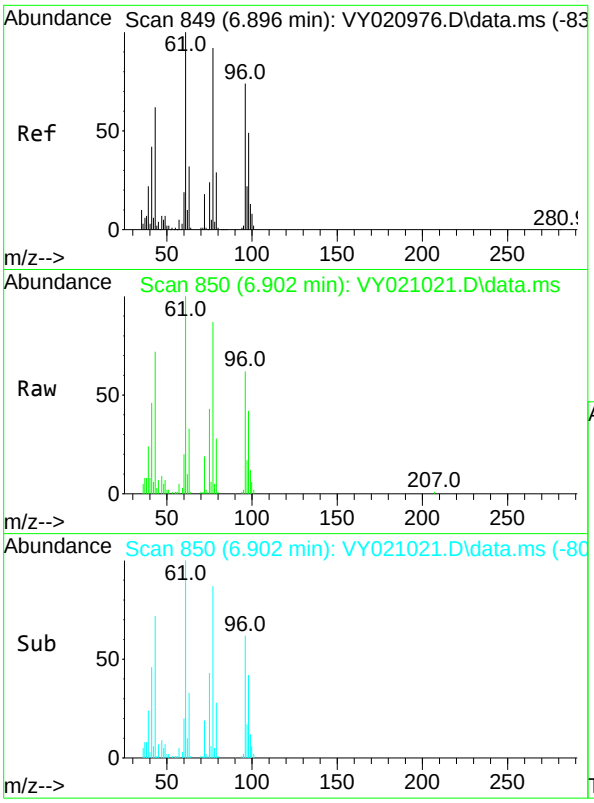


#26
2,2-Dichloropropane
Concen: 11.915 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 77 Resp: 32771

Ion	Ratio	Lower	Upper
77	100		
97	21.3	11.4	34.2



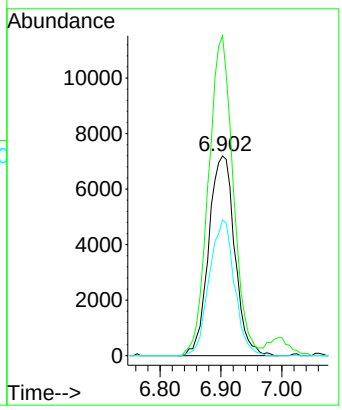


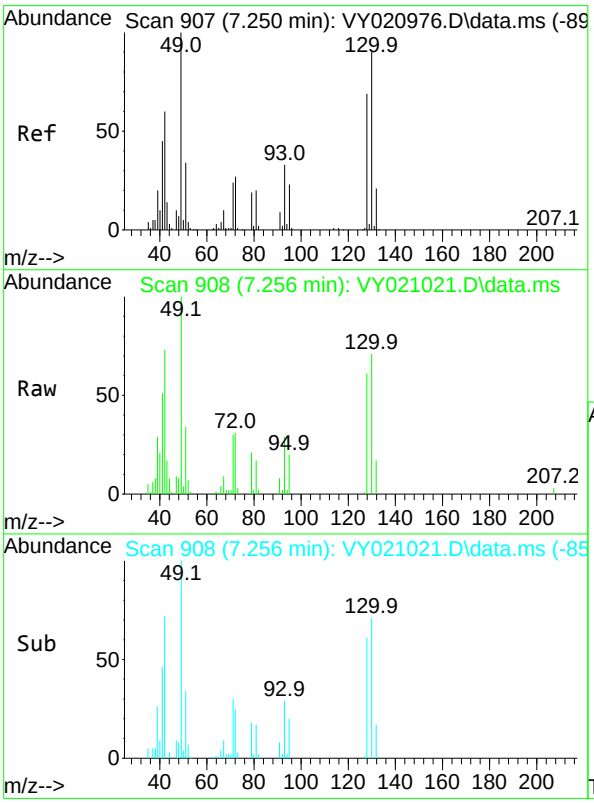
#27
cis-1,2-Dichloroethene
Concen: 11.206 ug/l
RT: 6.902 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 96 Resp: 21309

Ion	Ratio	Lower	Upper
96	100		
61	152.6	0.0	274.0
98	65.8	0.0	130.4

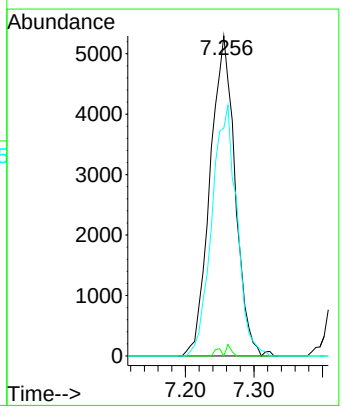


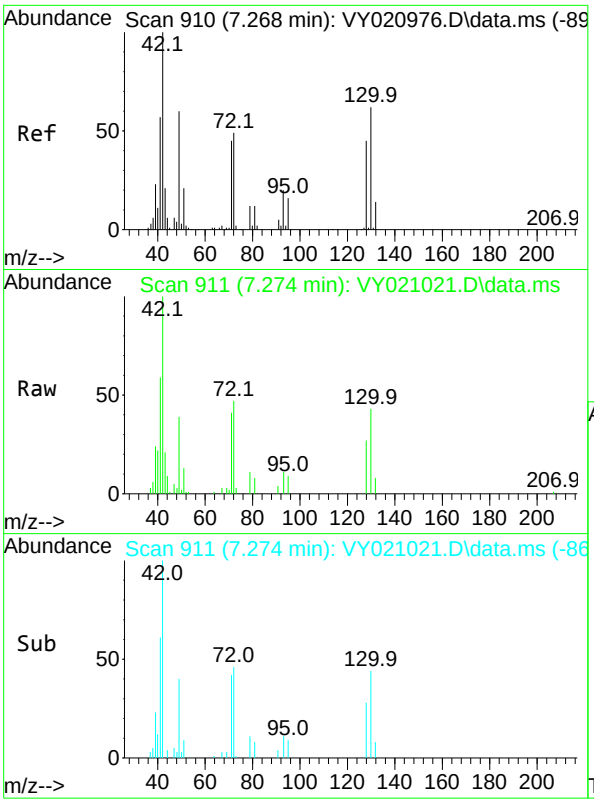


#28
Bromochloromethane
Concen: 12.892 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 49 Resp: 13417

Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	5.0
130	78.2	73.2	109.8



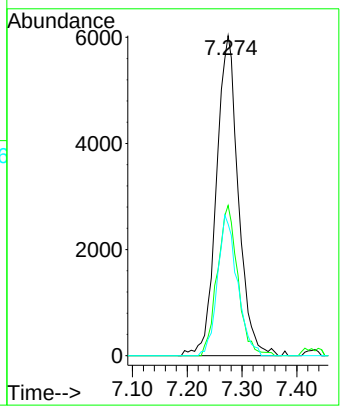


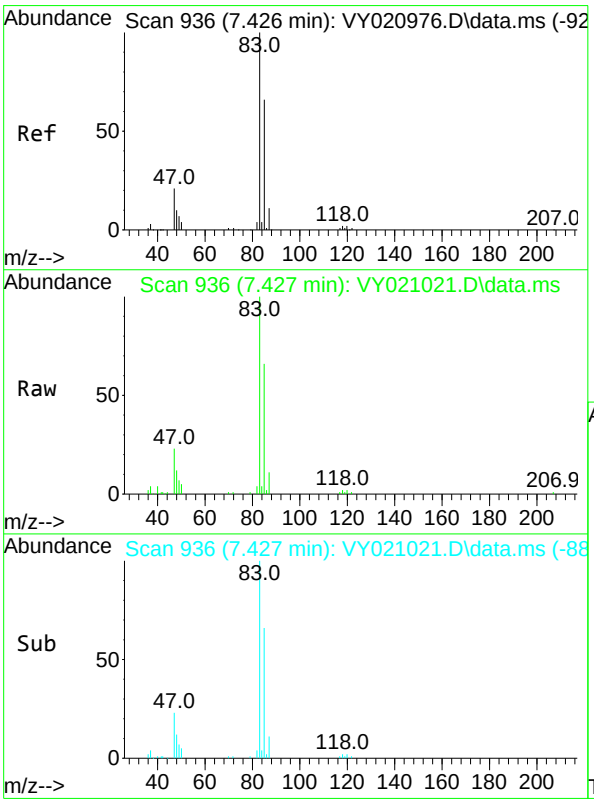
#29
Tetrahydrofuran
Concen: 69.395 ug/l
RT: 7.274 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 42 Resp: 16758

Ion	Ratio	Lower	Upper
42	100		
72	43.8	39.3	58.9
71	39.8	36.1	54.1

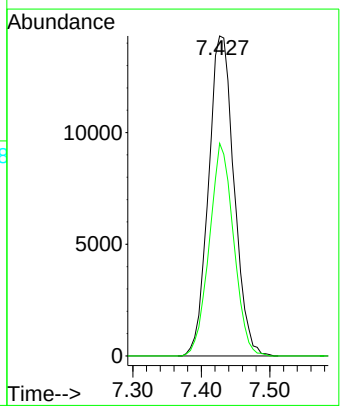


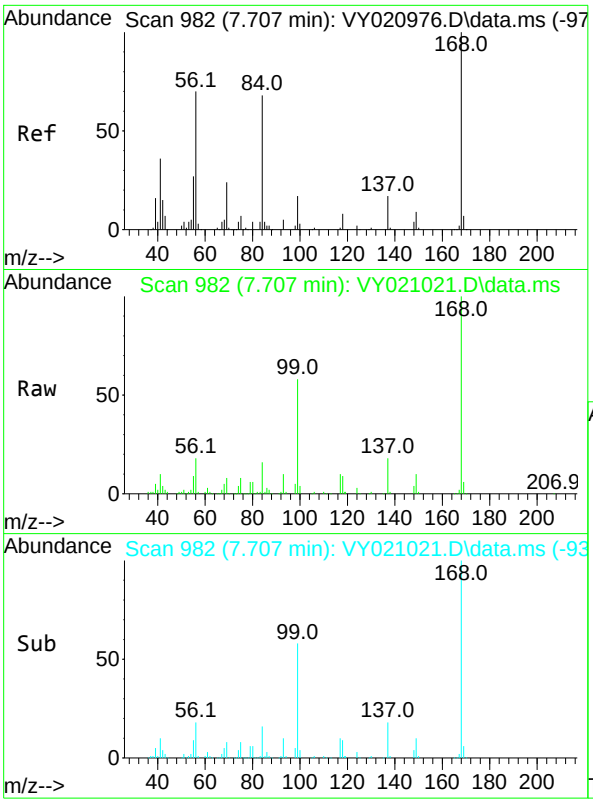


#30
Chloroform
Concen: 12.247 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 83 Resp: 37054

Ion	Ratio	Lower	Upper
83	100		
85	66.4	52.9	79.3



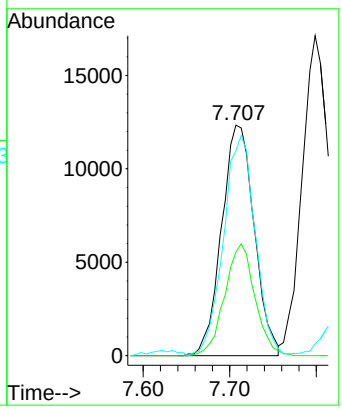


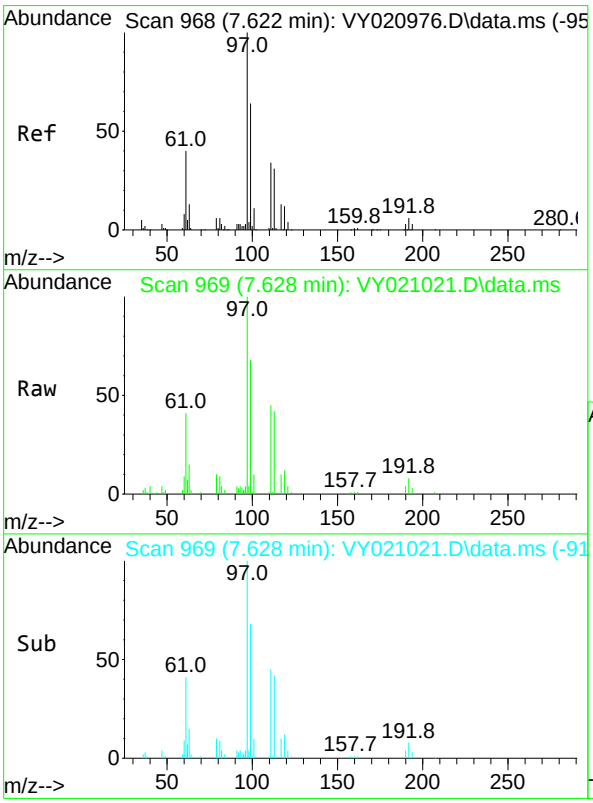
#31
Cyclohexane
Concen: 11.819 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 56 Resp: 32272

Ion	Ratio	Lower	Upper
56	100		
69	44.9	27.7	41.5#
84	87.6	77.5	116.3

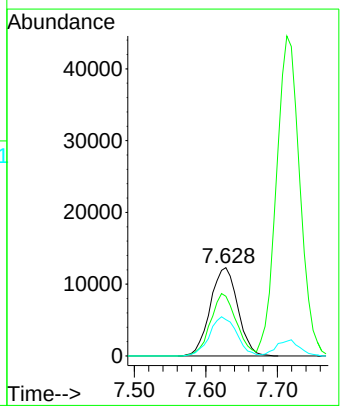


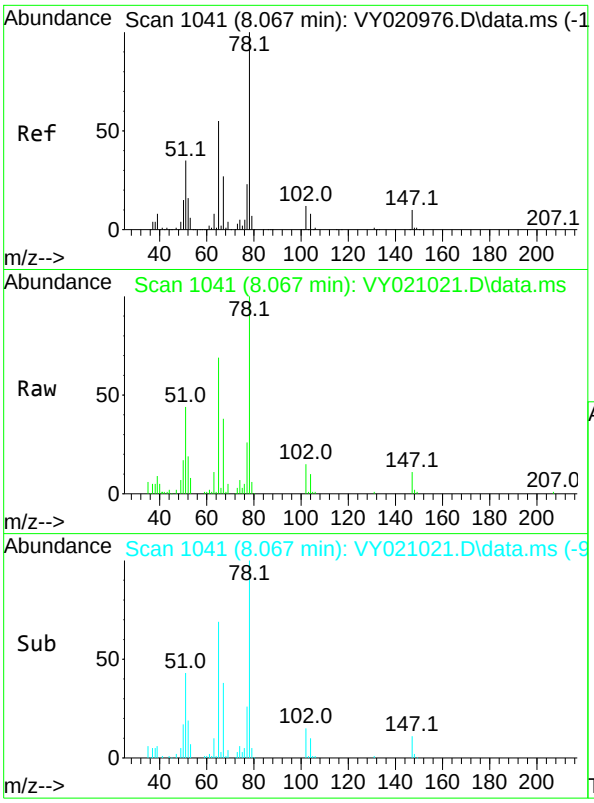


#32
1,1,1-Trichloroethane
Concen: 11.223 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 97 Resp: 32862

Ion	Ratio	Lower	Upper
97	100		
99	66.6	51.4	77.0
61	43.8	31.4	47.0



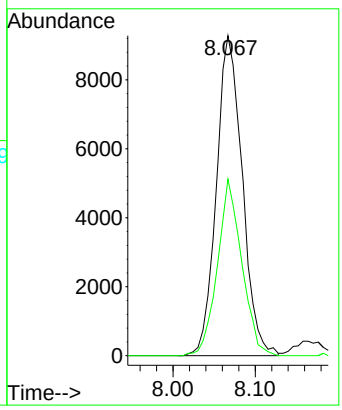


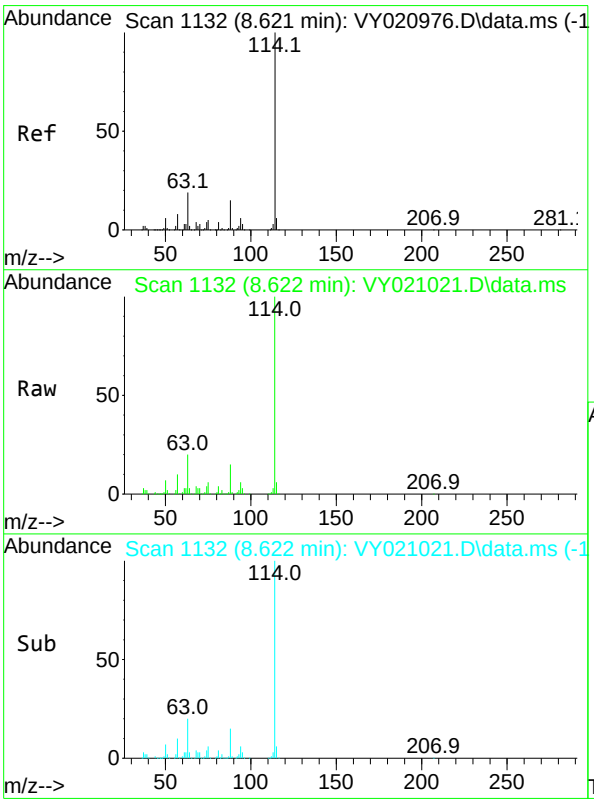
#33
1,2-Dichloroethane-d4
Concen: 13.075 ug/l
RT: 8.067 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 65 Resp: 20294

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.4

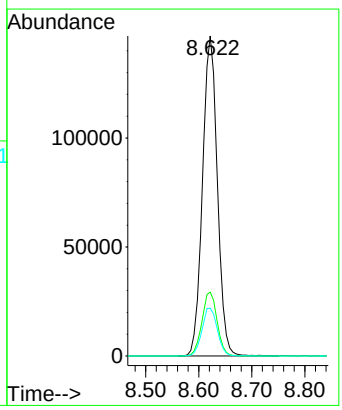


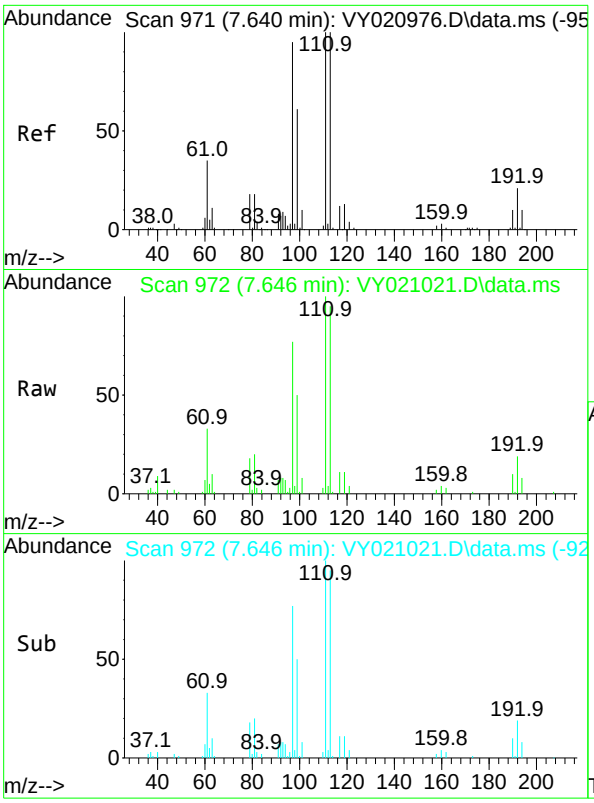


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:114 Resp: 285332

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	37.2
88	15.0	0.0	29.6



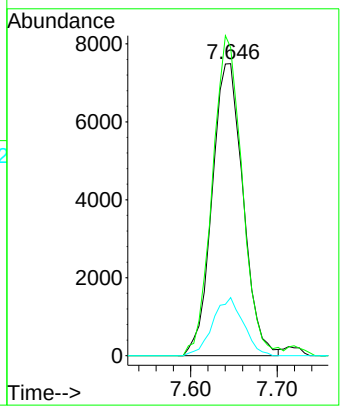


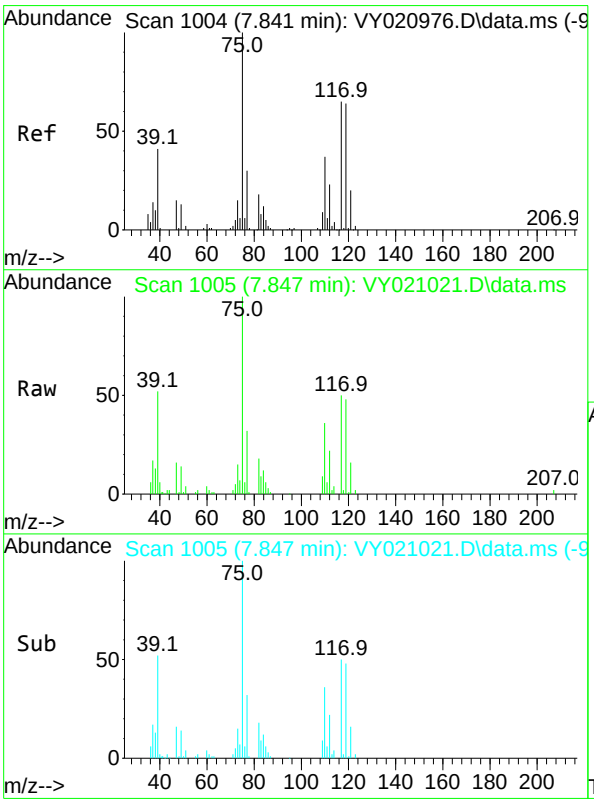
#35
Dibromofluoromethane
Concen: 10.859 ug/l
RT: 7.646 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:113 Resp: 18627

Ion	Ratio	Lower	Upper
113	100		
111	105.3	82.6	123.8
192	19.6	16.8	25.2

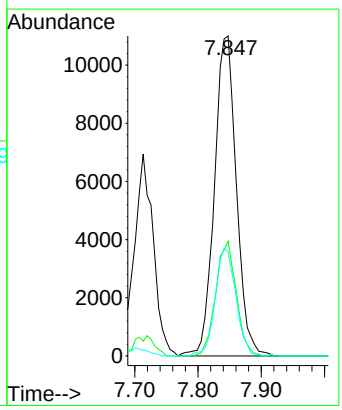


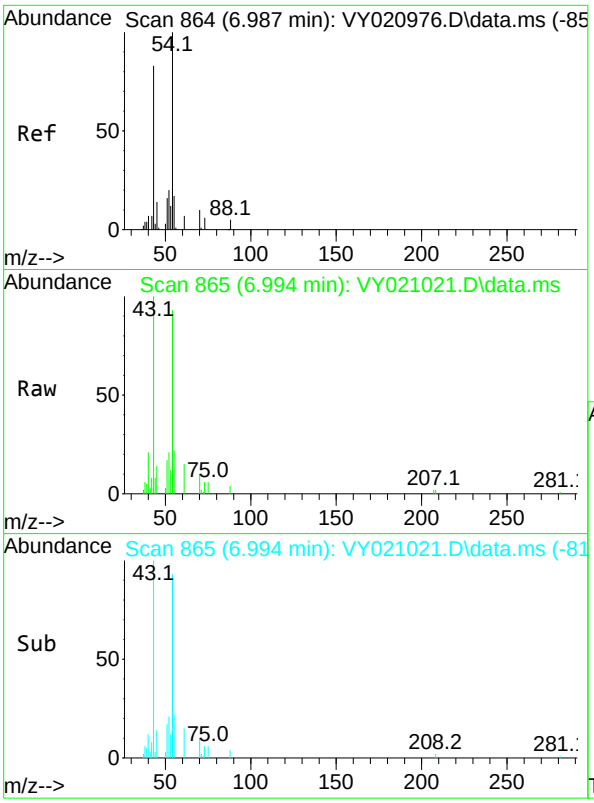


#36
1,1-Dichloropropene
Concen: 10.820 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 75 Resp: 26479

Ion	Ratio	Lower	Upper
75	100		
110	33.6	18.4	55.2
77	31.8	24.9	37.3



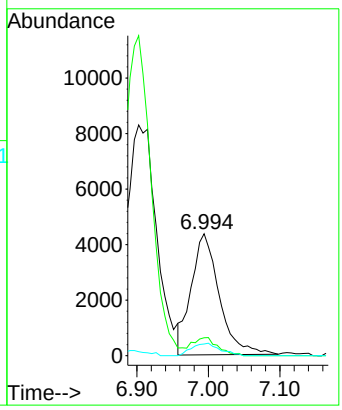


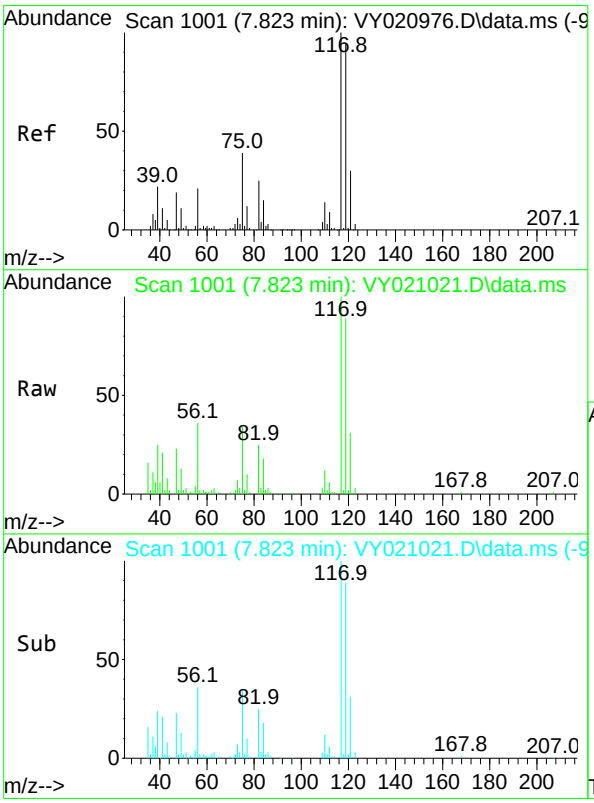
#37
Ethyl Acetate
Concen: 13.017 ug/l
RT: 6.994 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 11876

Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.4	17.0
70	10.3	9.6	14.4

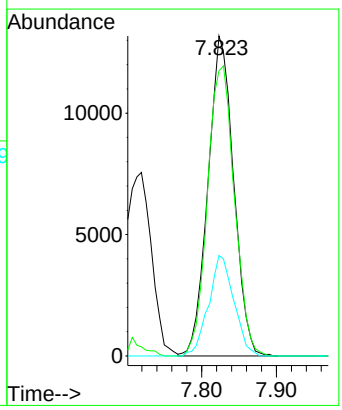


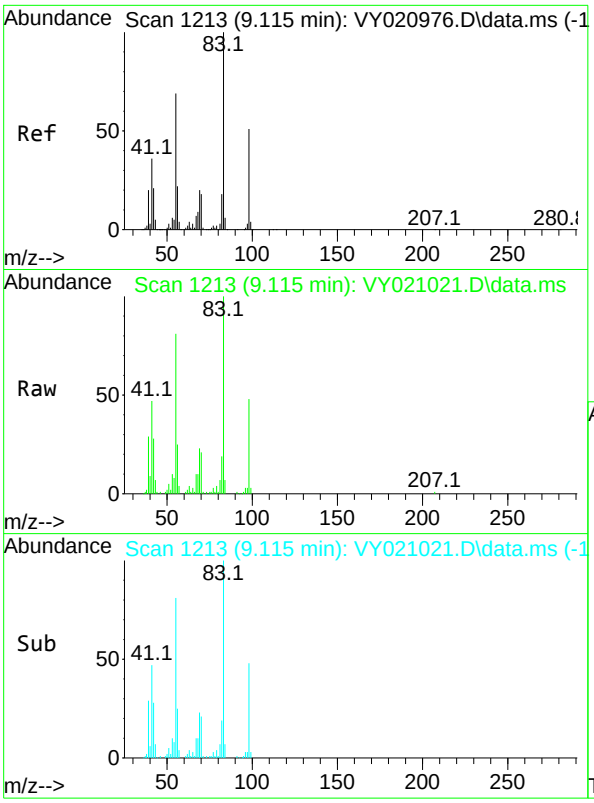


#38
Carbon Tetrachloride
Concen: 10.389 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:117 Resp: 31462

Ion	Ratio	Lower	Upper
117	100		
119	89.1	75.0	112.6
121	31.4	24.2	36.2



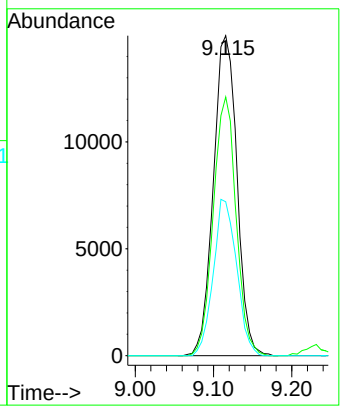


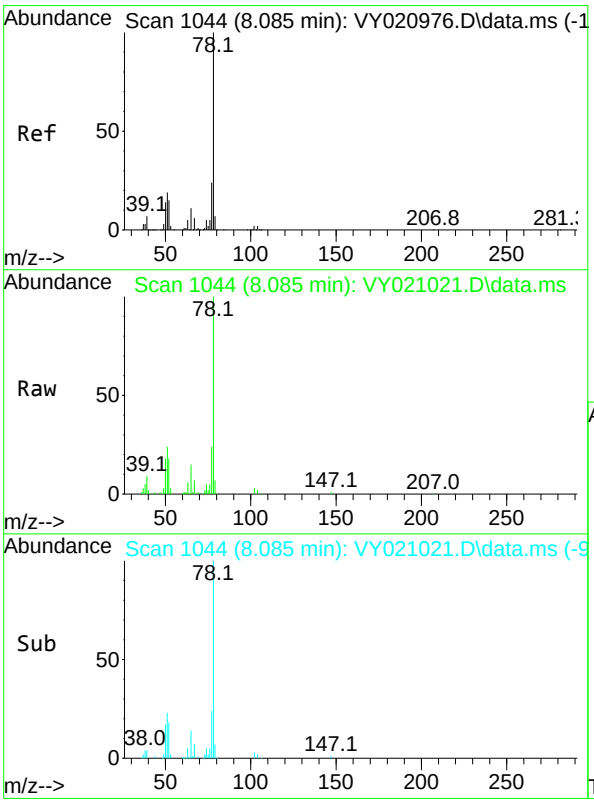
#39
Methylcyclohexane
Concen: 9.549 ug/l
RT: 9.115 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 83 Resp: 31392

Ion	Ratio	Lower	Upper
83	100		
55	80.9	54.9	82.3
98	48.1	40.5	60.7

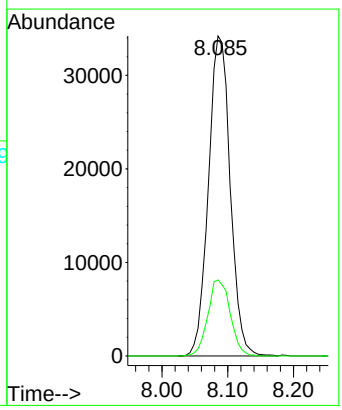


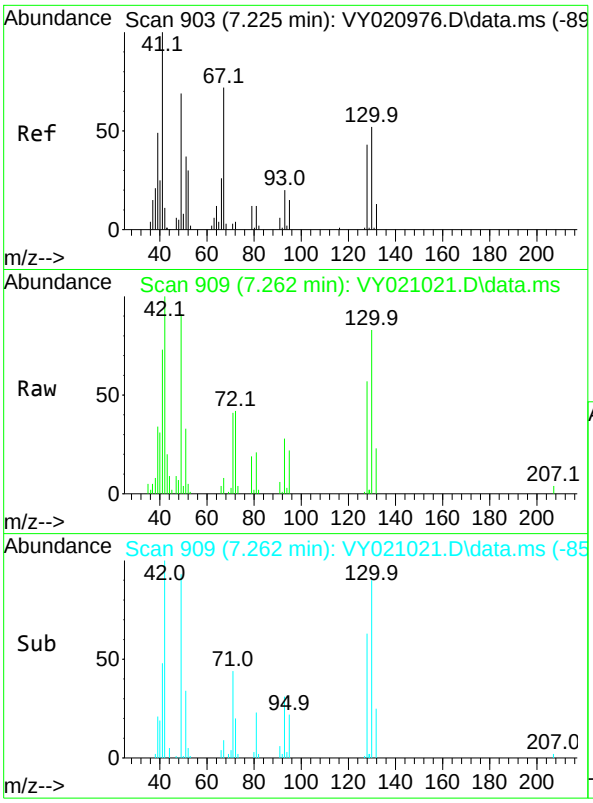


#40
Benzene
Concen: 10.950 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 78 Resp: 78846

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.4	29.2



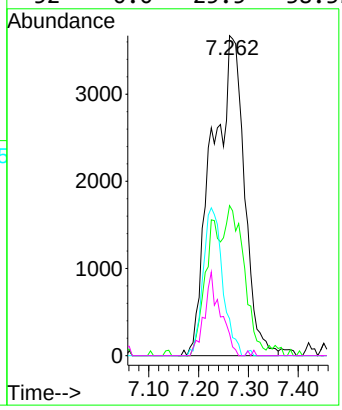


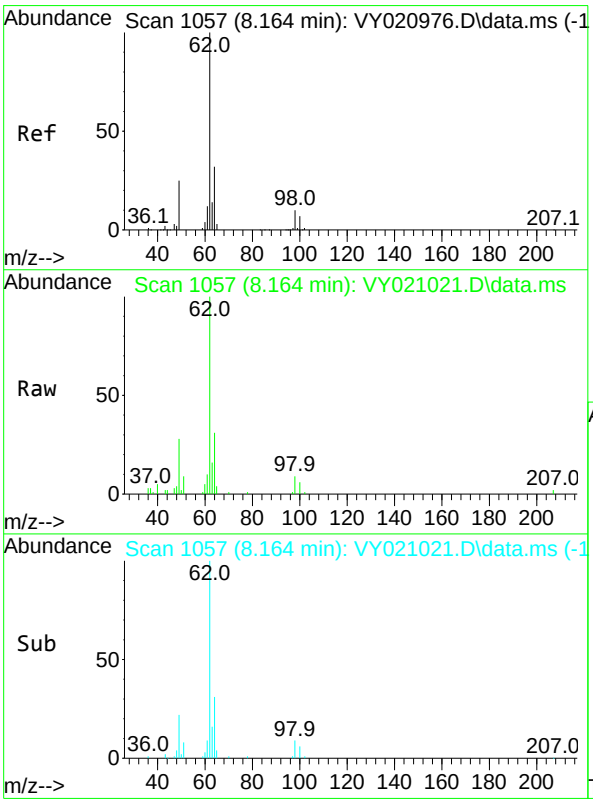
#41
Methacrylonitrile
Concen: 32.608 ug/l
RT: 7.262 min Scan# 9
Delta R.T. 0.037 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 41 Resp: 16460

Ion	Ratio	Lower	Upper
41	100		
39	25.2	41.6	62.4#
67	0.0	63.8	95.6#
52	0.0	25.5	38.3#

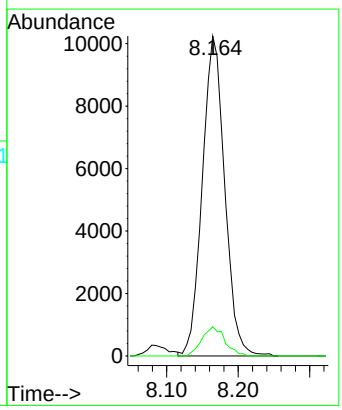


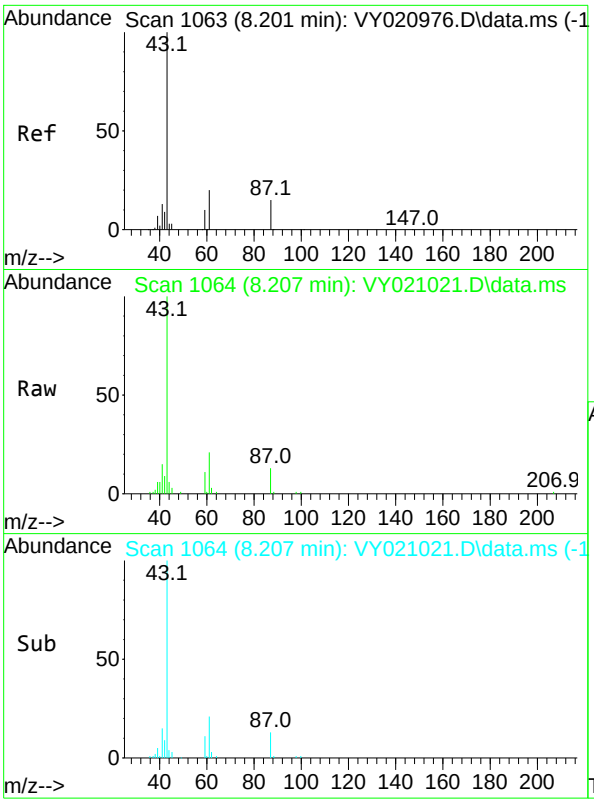


#42
1,2-Dichloroethane
Concen: 12.201 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 62 Resp: 22281

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.4



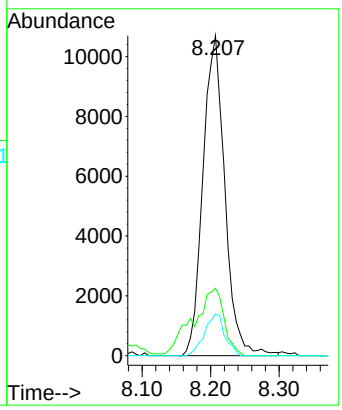


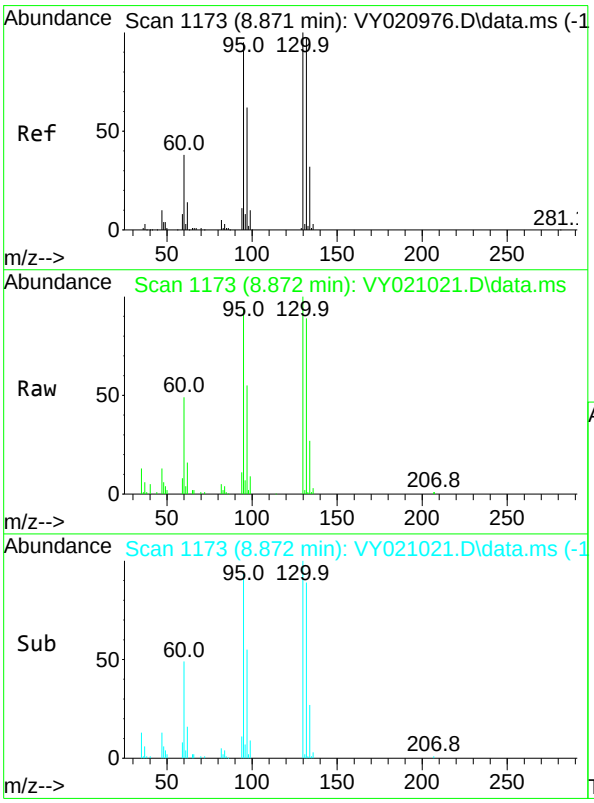
#43
Isopropyl Acetate
Concen: 13.055 ug/l
RT: 8.207 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 23795

Ion	Ratio	Lower	Upper
43	100		
61	29.8	15.8	23.6#
87	12.1	12.5	18.7#

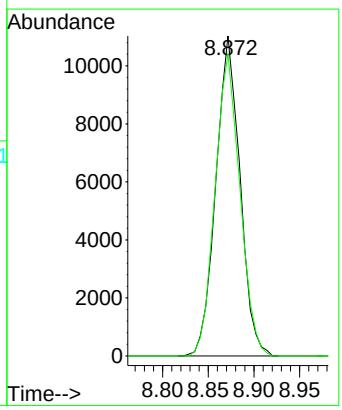


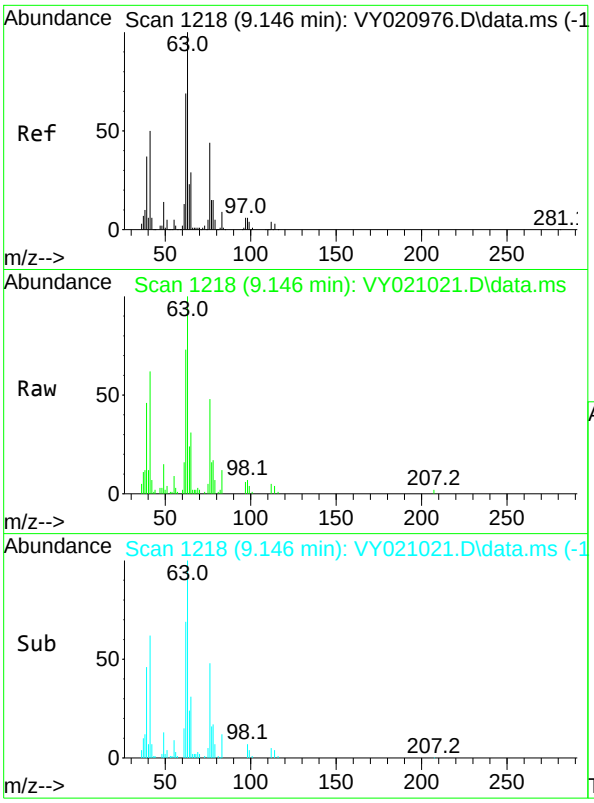


#44
Trichloroethene
Concen: 10.197 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:130 Resp: 20261

Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	189.6



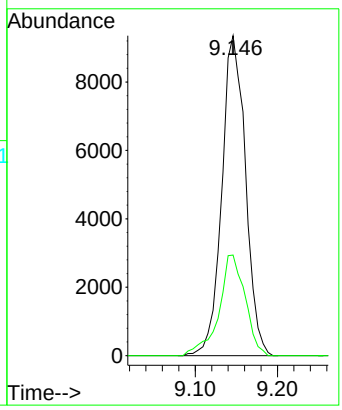


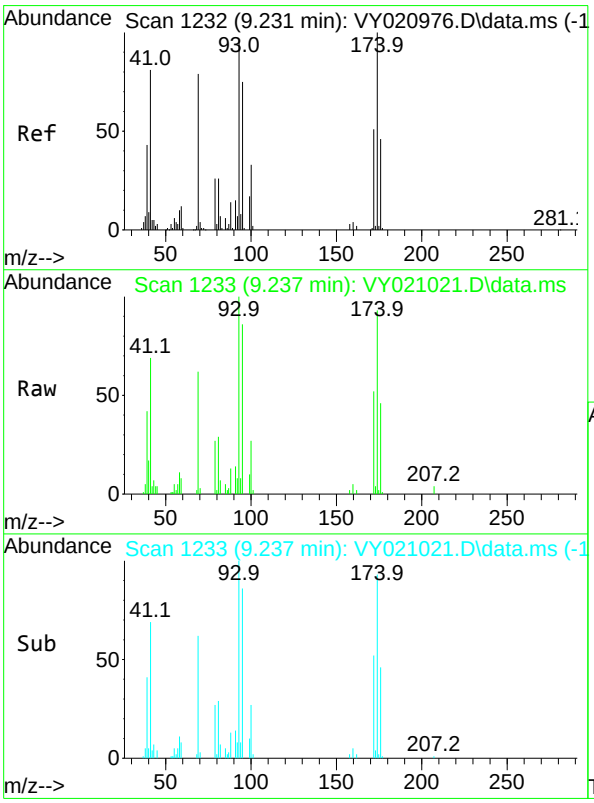
#45
1,2-Dichloropropane
Concen: 11.627 ug/l
RT: 9.146 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 63 Resp: 18765

Ion	Ratio	Lower	Upper
63	100		
65	31.5	23.6	35.4

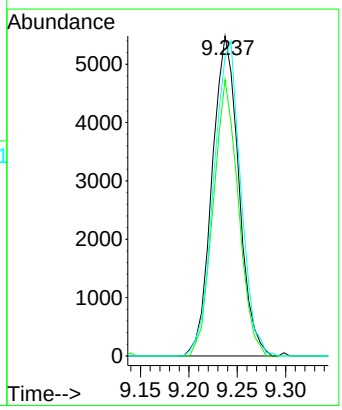


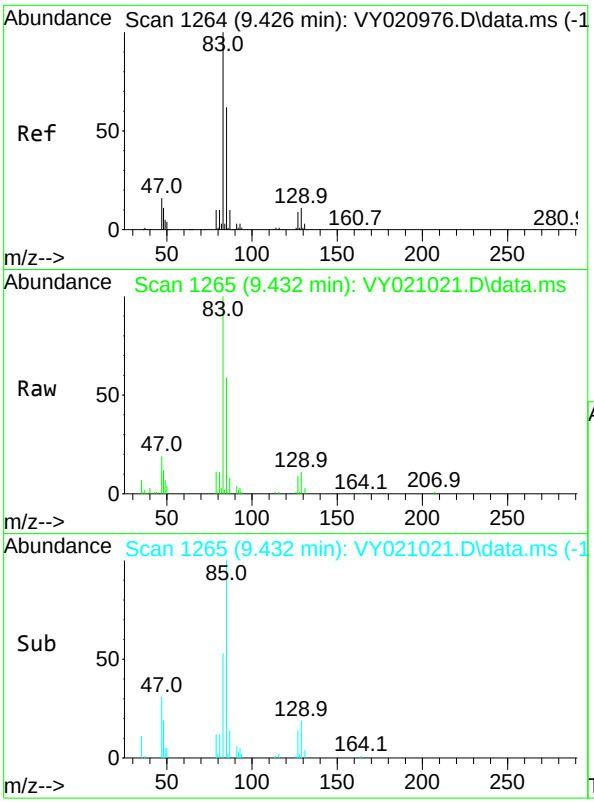


#46
Dibromomethane
Concen: 11.191 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 93 Resp: 10511

Ion	Ratio	Lower	Upper
93	100		
95	81.3	65.8	98.8
174	99.5	88.1	132.1



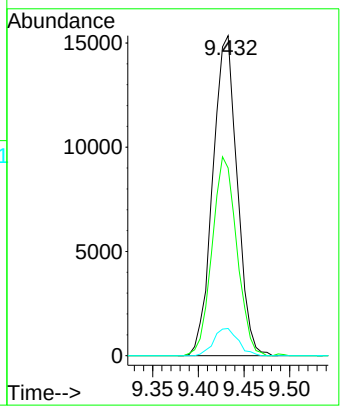


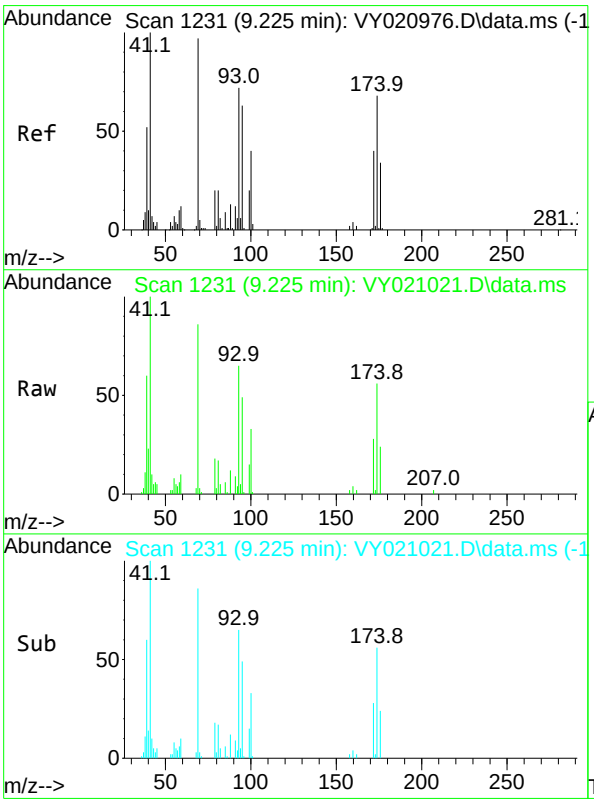
#47
Bromodichloromethane
Concen: 11.570 ug/l
RT: 9.432 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 83 Resp: 28538

Ion	Ratio	Lower	Upper
83	100		
85	58.7	49.6	74.4
127	8.5	7.1	10.7

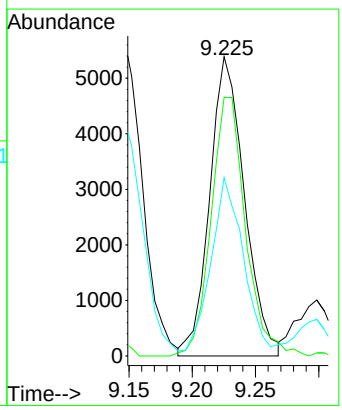


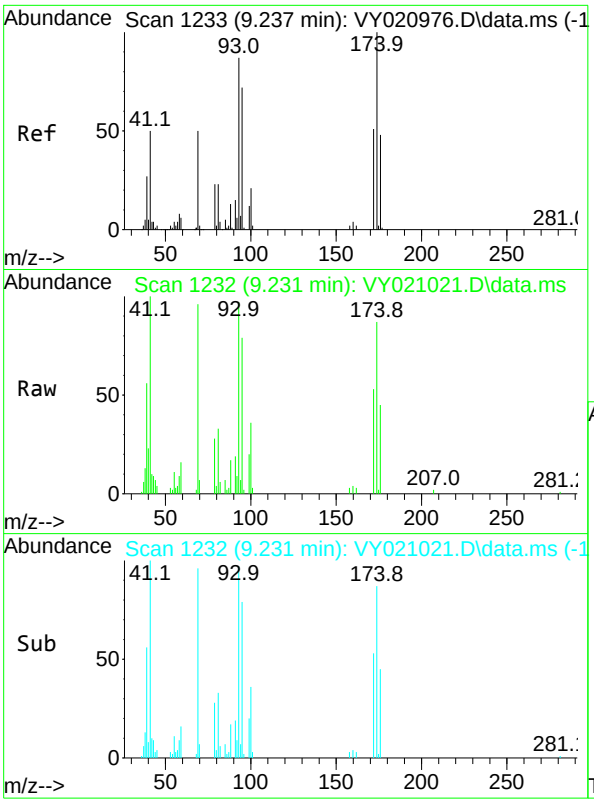


#48
Methyl methacrylate
Concen: 11.866 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 41 Resp: 10297

Ion	Ratio	Lower	Upper
41	100		
69	85.7	75.6	113.4
39	54.0	41.3	61.9



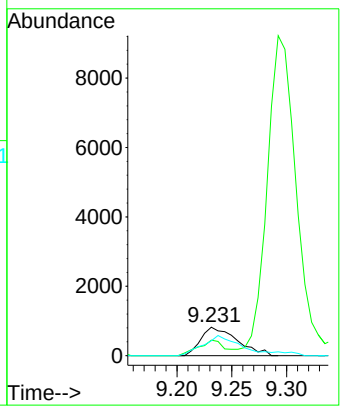


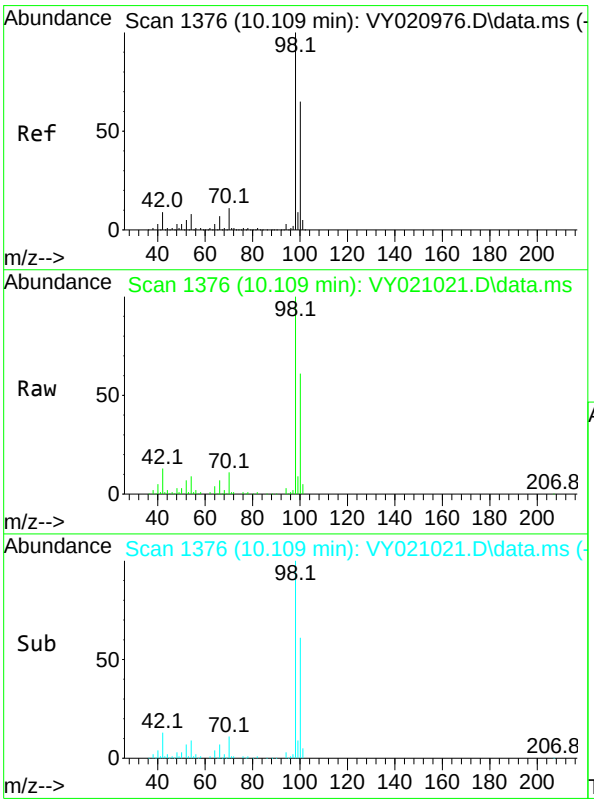
#49
1,4-Dioxane
Concen: 188.876 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 88 Resp: 1885

Ion	Ratio	Lower	Upper
88	100		
43	39.2	24.2	36.4#
58	79.4	57.3	85.9

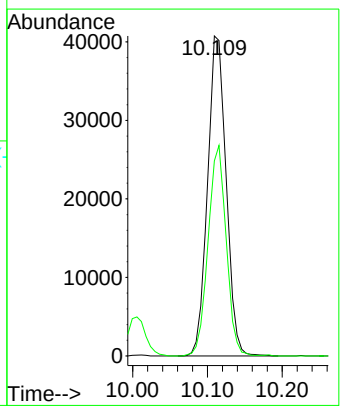


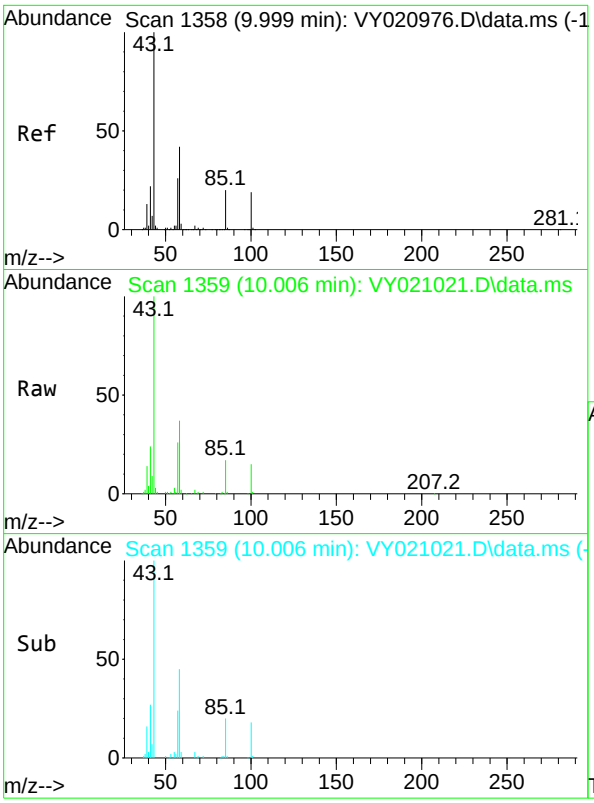


#50
Toluene-d8
Concen: 10.540 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 98 Resp: 70569

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.6	79.0



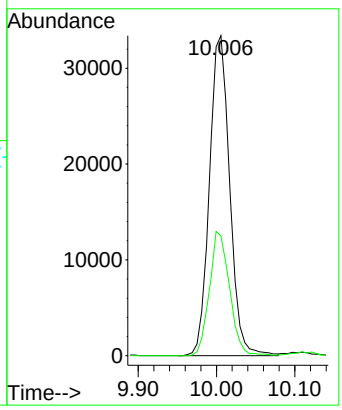


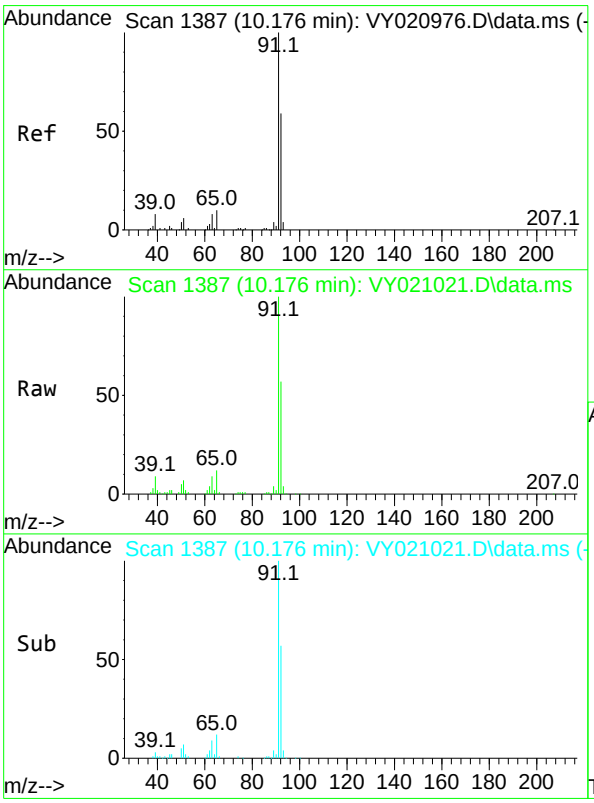
#51
4-Methyl-2-Pentanone
Concen: 64.159 ug/l
RT: 10.006 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 60088

Ion	Ratio	Lower	Upper
43	100		
58	38.5	33.8	50.8

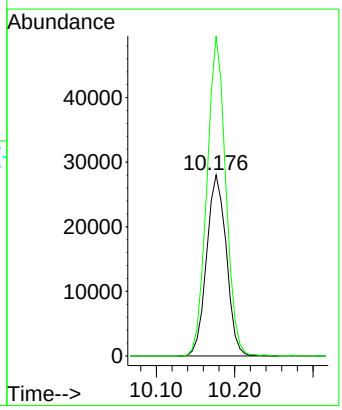


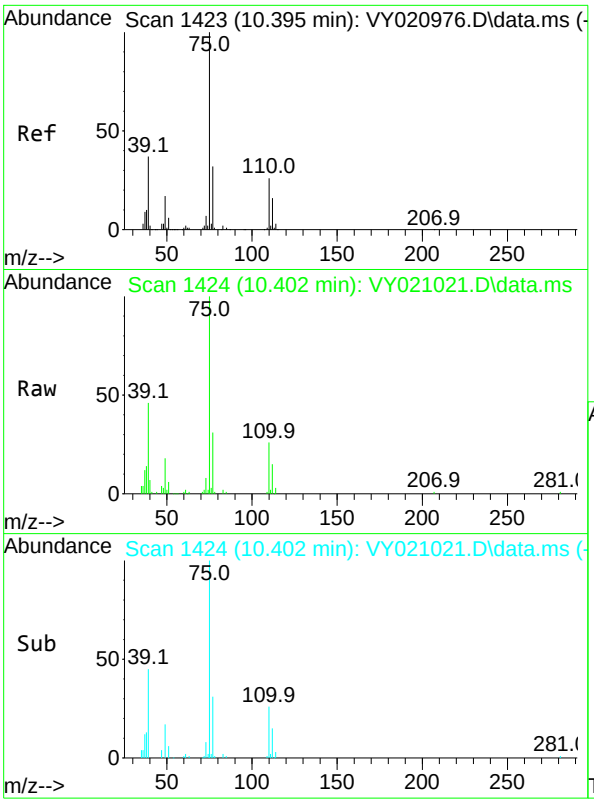


#52
Toluene
Concen: 10.457 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 92 Resp: 48876

Ion	Ratio	Lower	Upper
92	100		
91	168.9	135.8	203.8



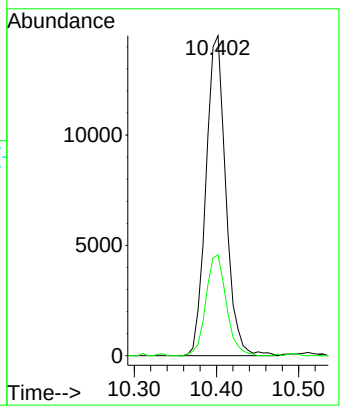


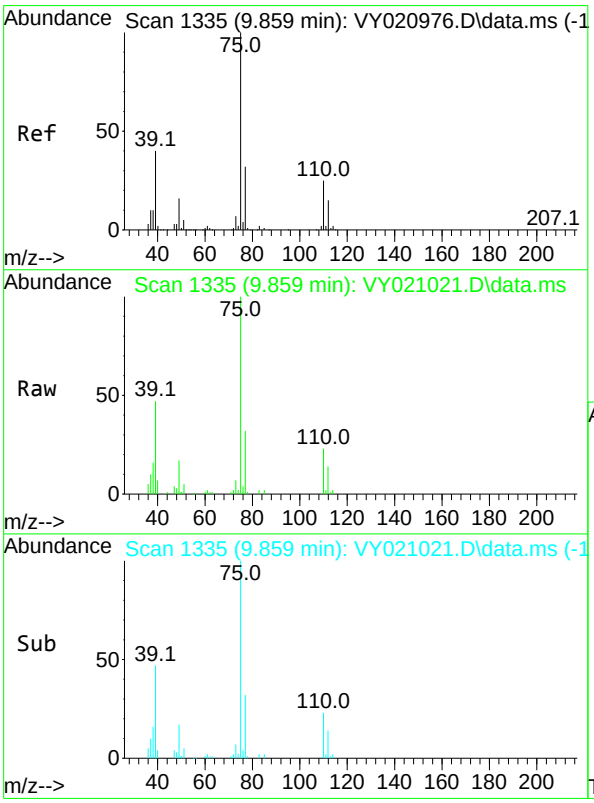
#53
t-1,3-Dichloropropene
Concen: 10.888 ug/l
RT: 10.402 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 75 Resp: 24301

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.9	38.9

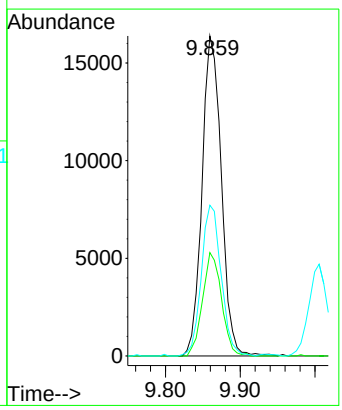


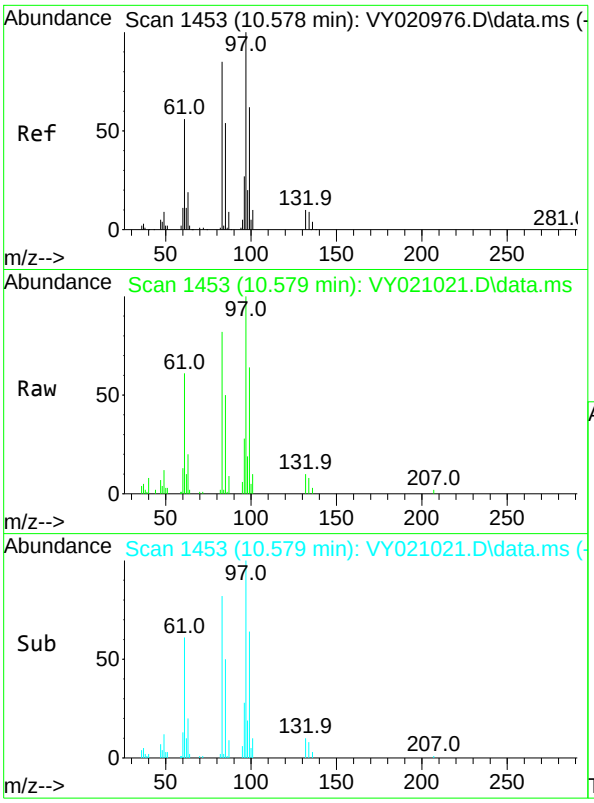


#54
cis-1,3-Dichloropropene
Concen: 11.031 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 75 Resp: 29426

Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.4	38.0
39	47.1	32.2	48.2



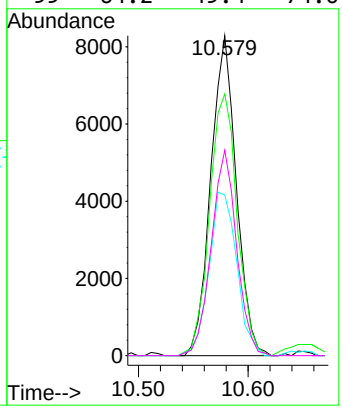


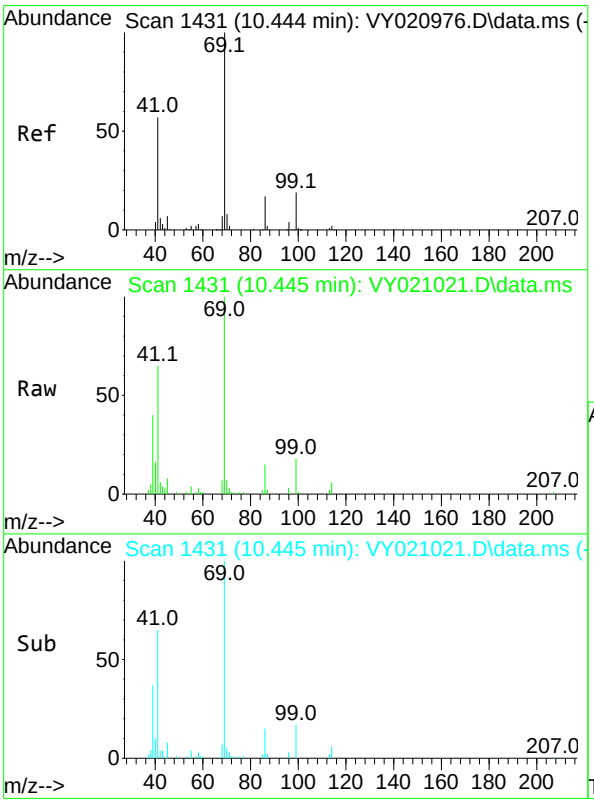
#55
1,1,2-Trichloroethane
Concen: 10.748 ug/l
RT: 10.579 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 97 Resp: 13425

Ion	Ratio	Lower	Upper
97	100		
83	81.8	67.7	101.5
85	50.2	43.4	65.2
99	64.2	49.4	74.0

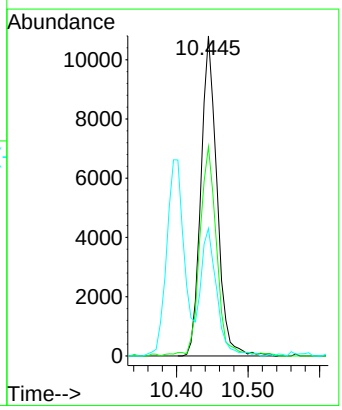


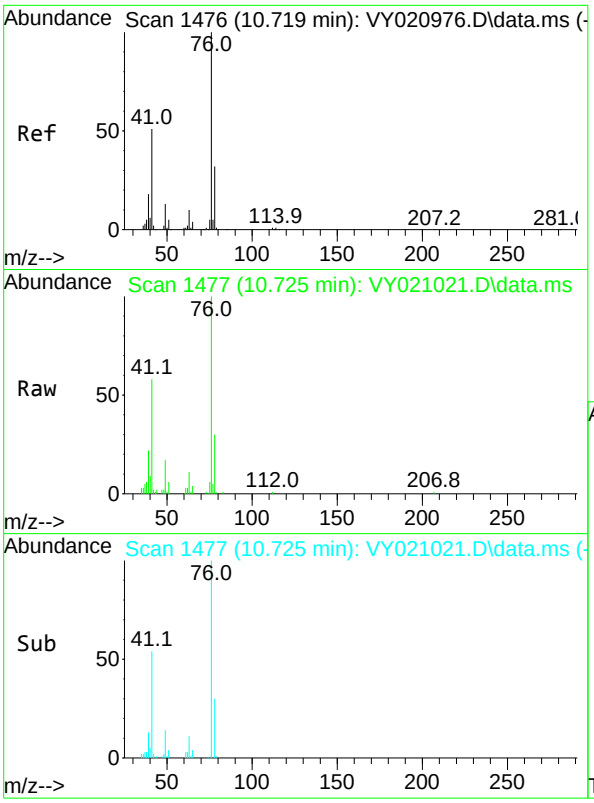


#56
Ethyl methacrylate
Concen: 10.341 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 69 Resp: 16883

Ion	Ratio	Lower	Upper
69	100		
41	68.3	46.3	69.5
39	38.7	24.5	36.7#



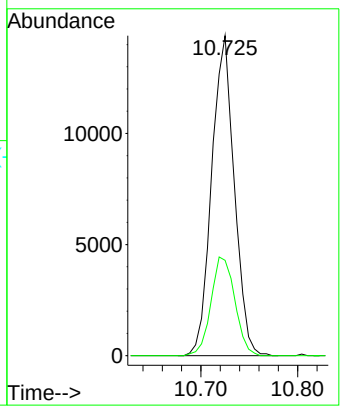


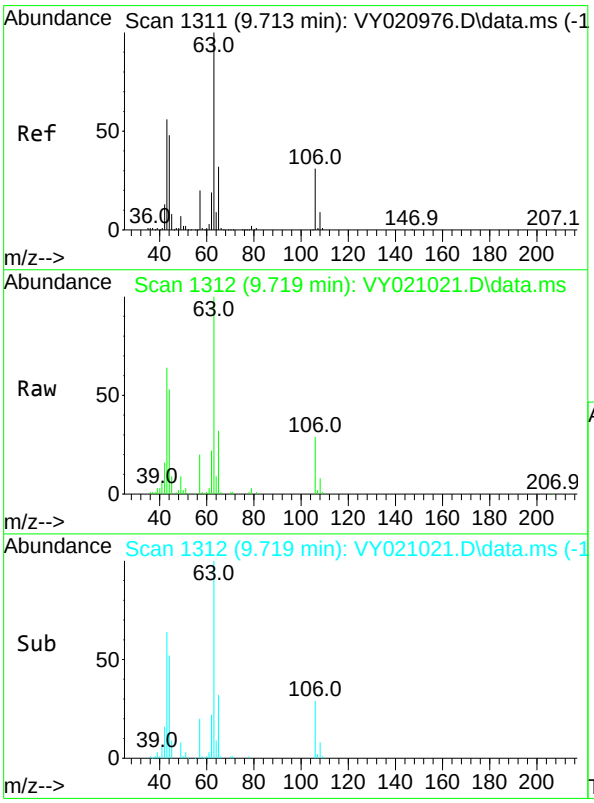
#57
1,3-Dichloropropane
Concen: 11.042 ug/l
RT: 10.725 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 76 Resp: 23377

Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.6

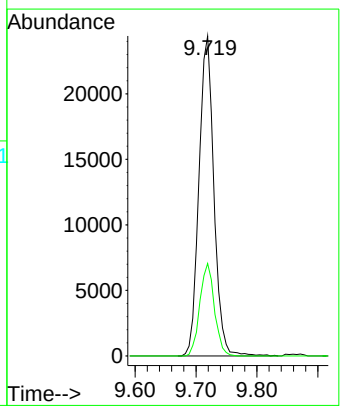


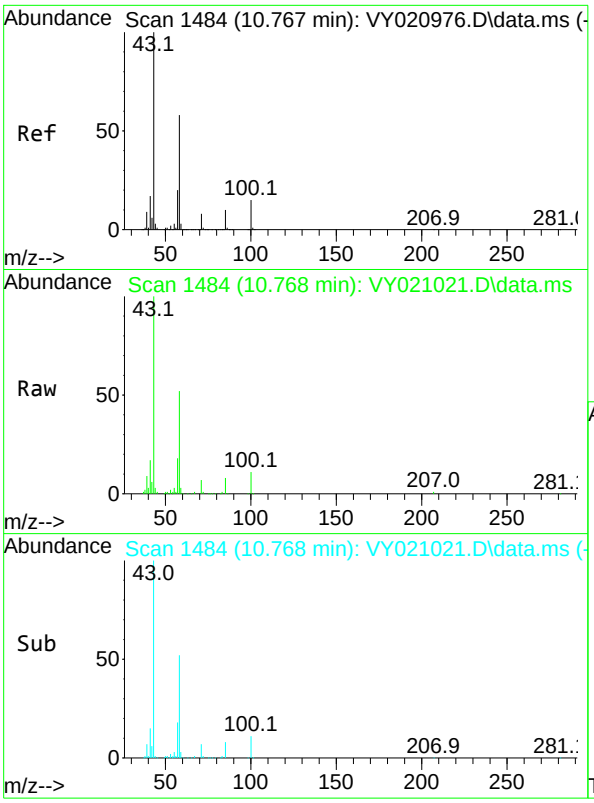


#58
2-Chloroethyl Vinyl ether
Concen: 60.048 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 63 Resp: 41611

Ion	Ratio	Lower	Upper
63	100		
106	28.2	24.7	37.1



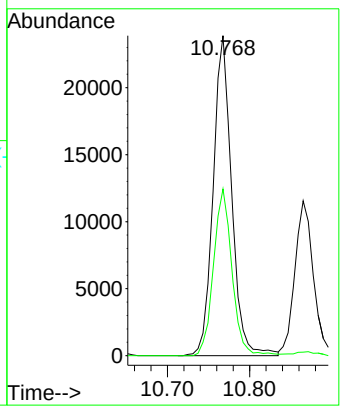


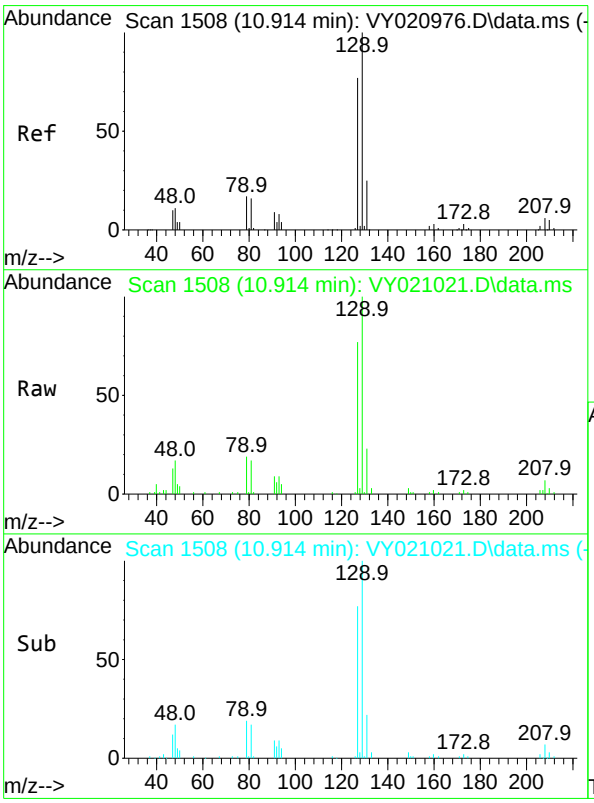
#59
2-Hexanone
Concen: 61.283 ug/l
RT: 10.768 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 37306

Ion	Ratio	Lower	Upper
43	100		
58	52.1	29.8	89.3

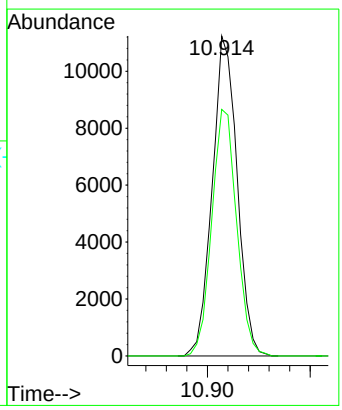


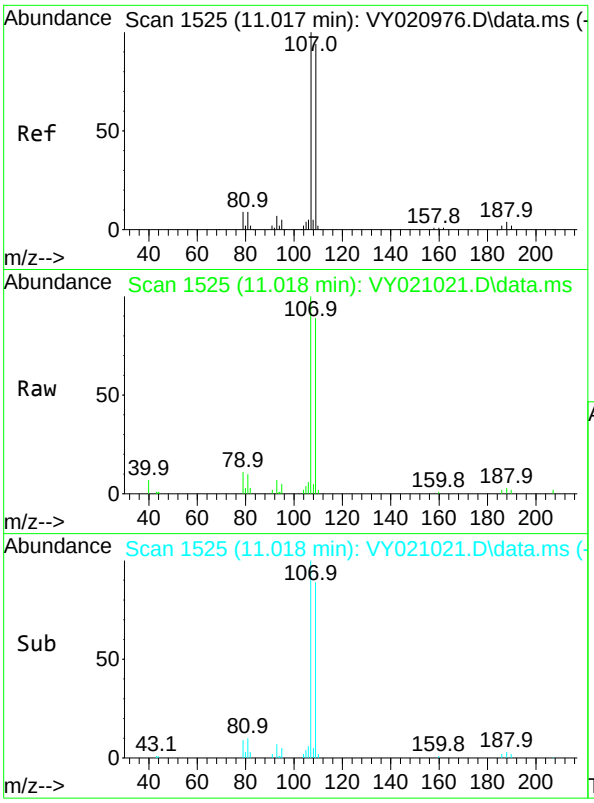


#60
Dibromochloromethane
Concen: 10.585 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:129 Resp: 18851

Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.5	115.3



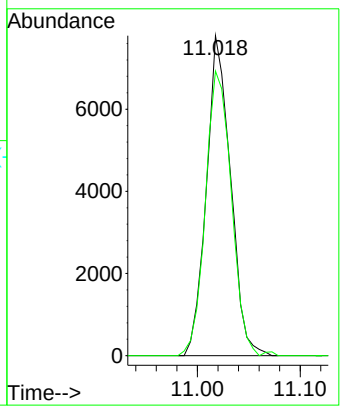


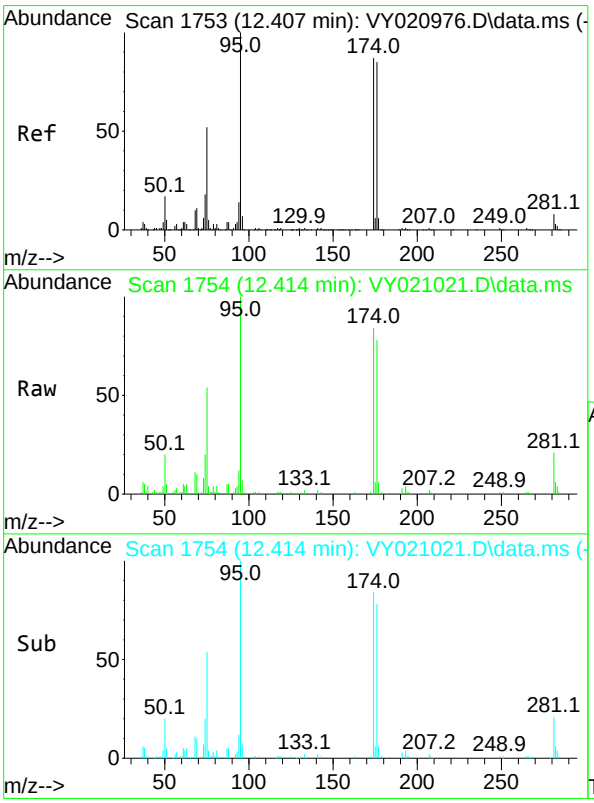
#61
1,2-Dibromoethane
Concen: 10.684 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:107 Resp: 12746

Ion	Ratio	Lower	Upper
107	100		
109	95.5	76.6	114.8

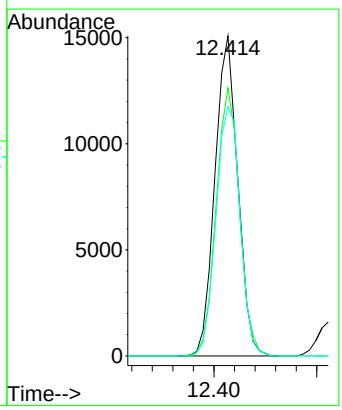


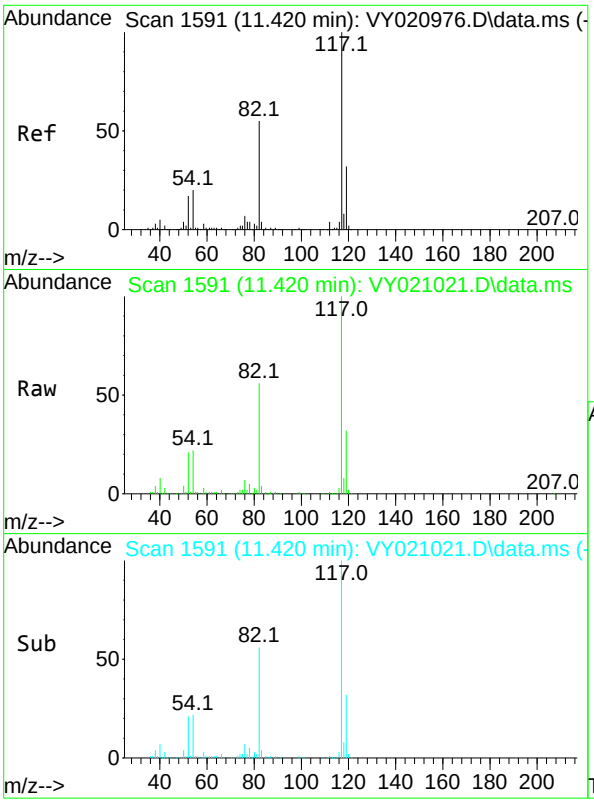


#62
4-Bromofluorobenzene
Concen: 10.362 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 95 Resp: 23279

Ion	Ratio	Lower	Upper
95	100		
174	85.2	0.0	181.2
176	82.2	0.0	175.2



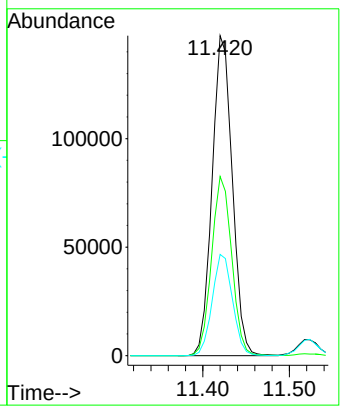


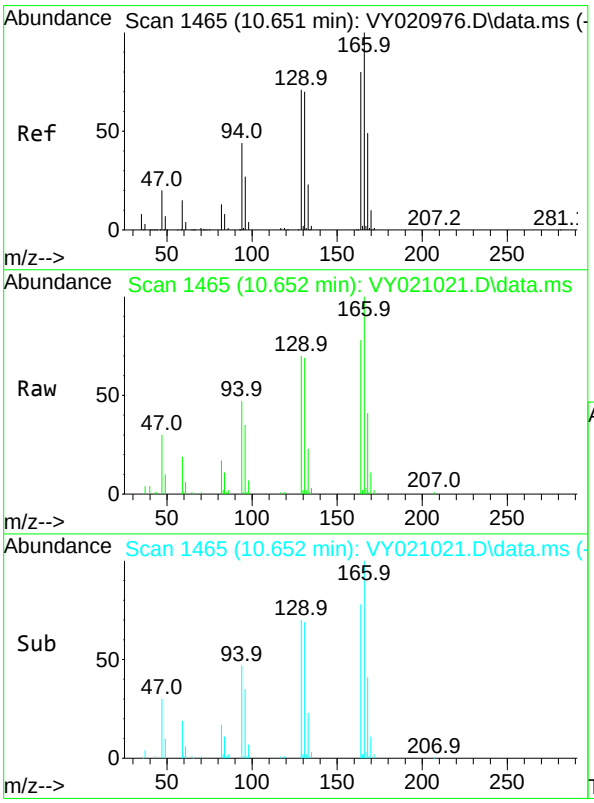
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:117 Resp: 239030

Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.2	66.2
119	31.6	25.9	38.9

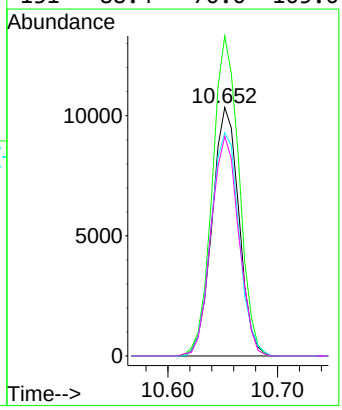


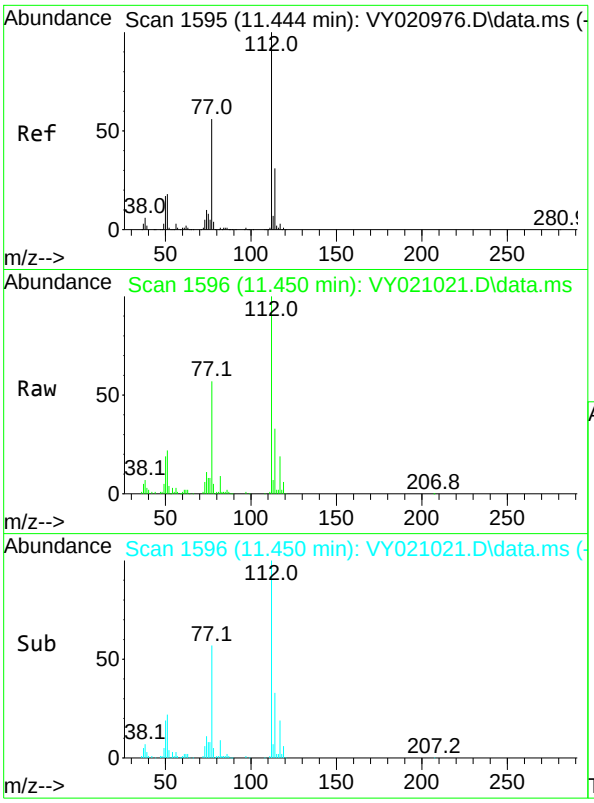


#64
Tetrachloroethene
Concen: 9.730 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:164 Resp: 17544

Ion	Ratio	Lower	Upper
164	100		
166	128.8	100.4	150.6
129	89.8	70.8	106.2
131	88.4	70.0	105.0



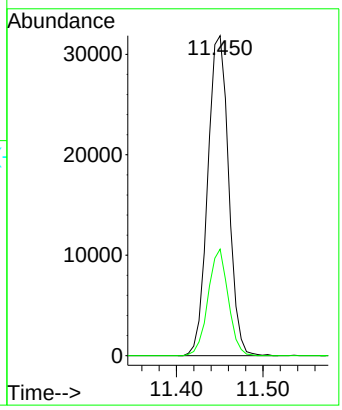


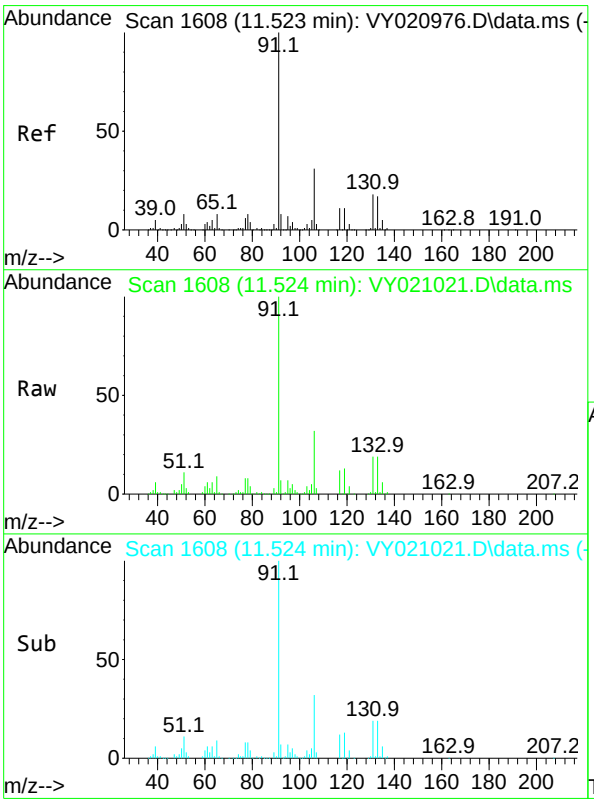
#65
Chlorobenzene
Concen: 10.583 ug/l
RT: 11.450 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:112 Resp: 53298

Ion	Ratio	Lower	Upper
112	100		
114	33.3	24.6	37.0

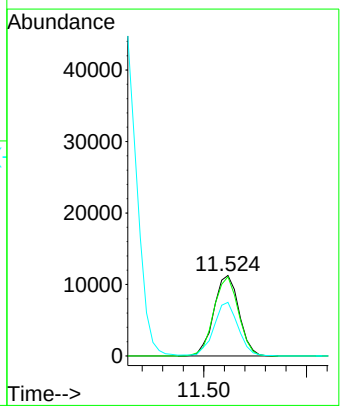


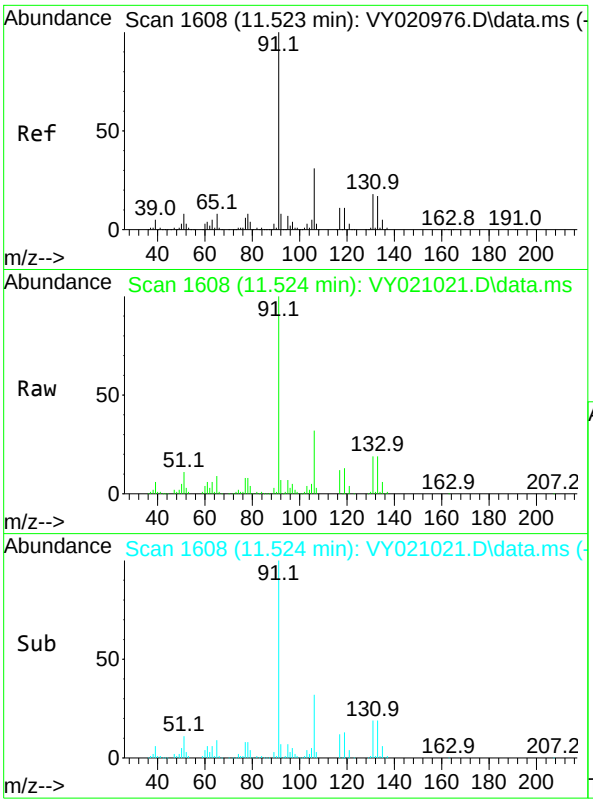


#66
1,1,1,2-Tetrachloroethane
Concen: 10.714 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:131 Resp: 19150

Ion	Ratio	Lower	Upper
131	100		
133	96.1	48.7	146.1
119	64.1	31.4	94.3



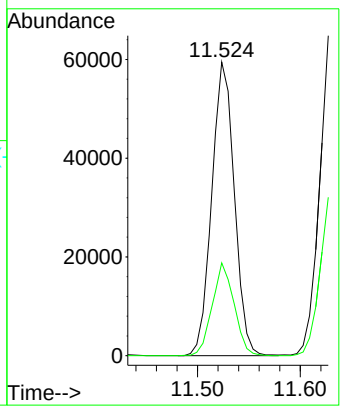


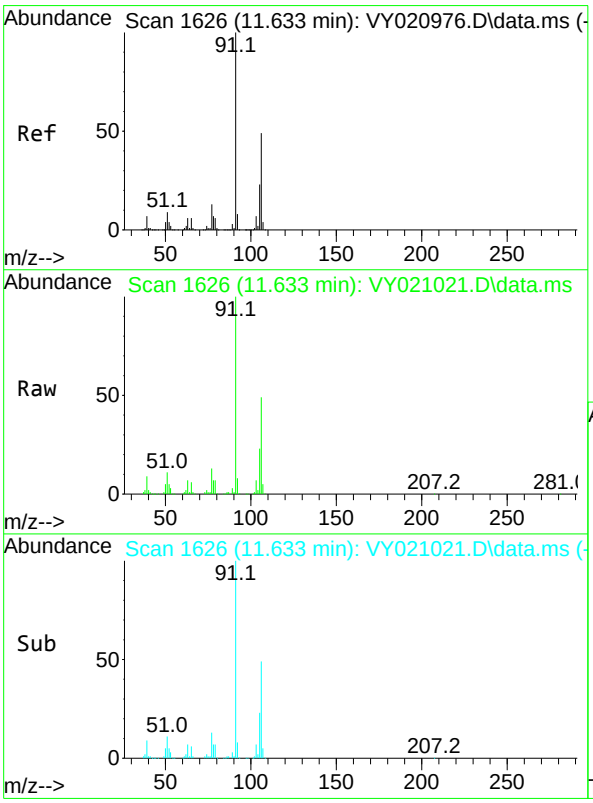
#67
Ethyl Benzene
Concen: 10.411 ug/l
RT: 11.524 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 90783

Ion	Ratio	Lower	Upper
91	100		
106	31.6	24.9	37.3

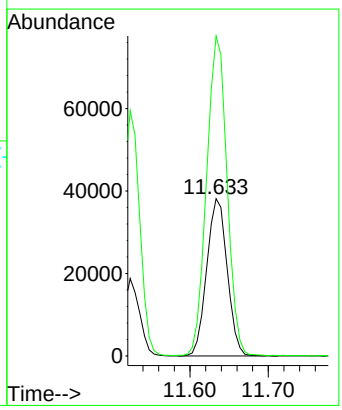


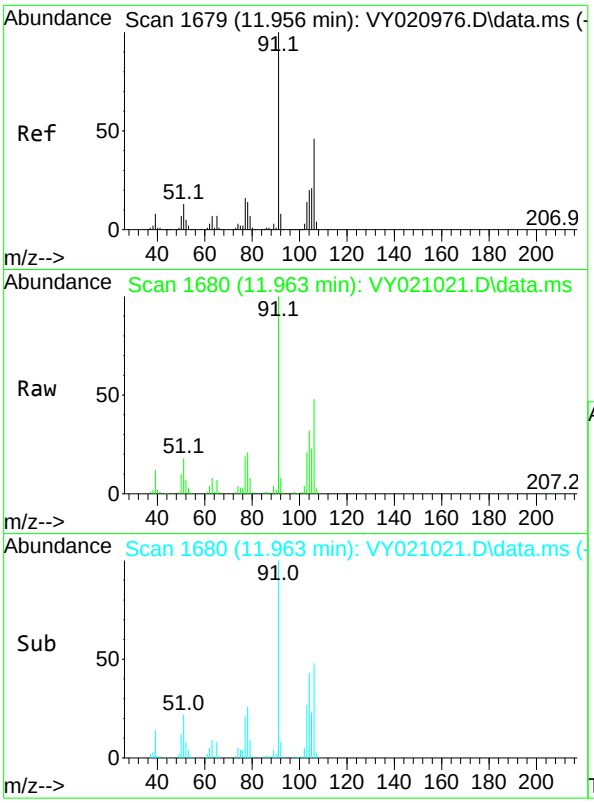


#68
m/p-Xylenes
Concen: 20.624 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:106 Resp: 69094

Ion	Ratio	Lower	Upper
106	100		
91	203.2	160.0	240.0



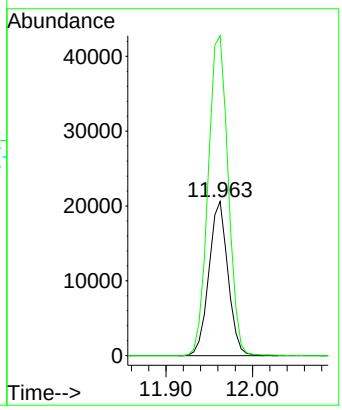


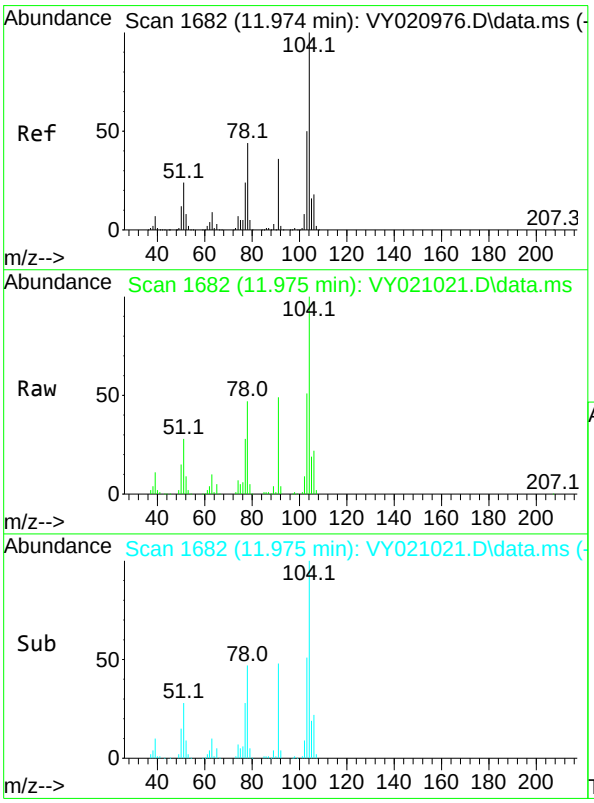
#69
o-Xylene
Concen: 10.106 ug/l
RT: 11.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 31473

Ion	Ratio	Lower	Upper
106	100		
91	218.6	105.8	317.6

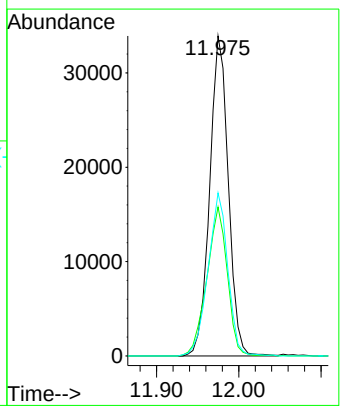


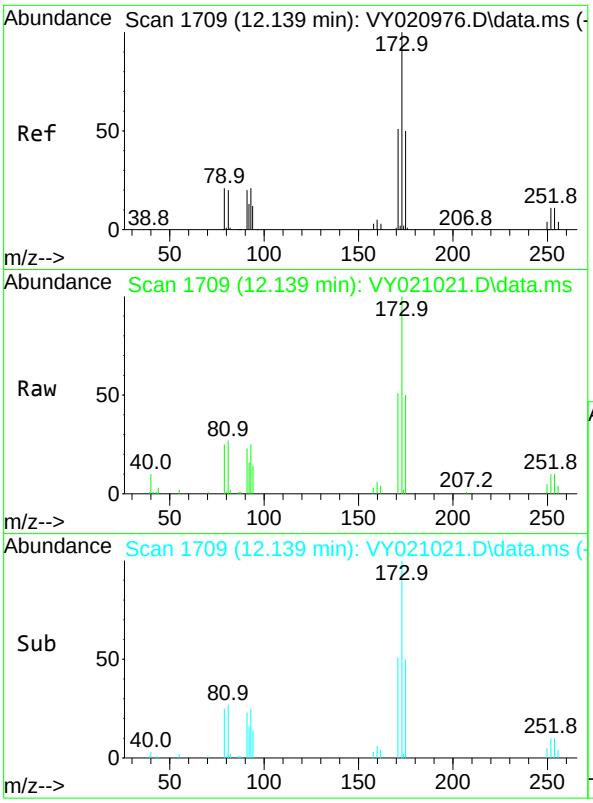


#70
Styrene
Concen: 10.334 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:104 Resp: 53436

Ion	Ratio	Lower	Upper
104	100		
78	51.0	39.0	58.4
103	54.3	43.7	65.5



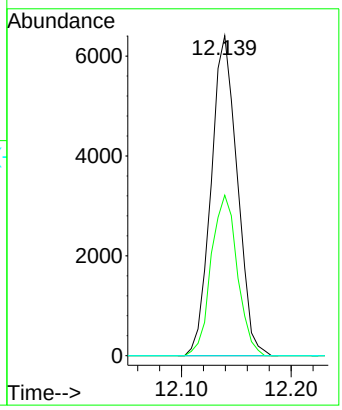


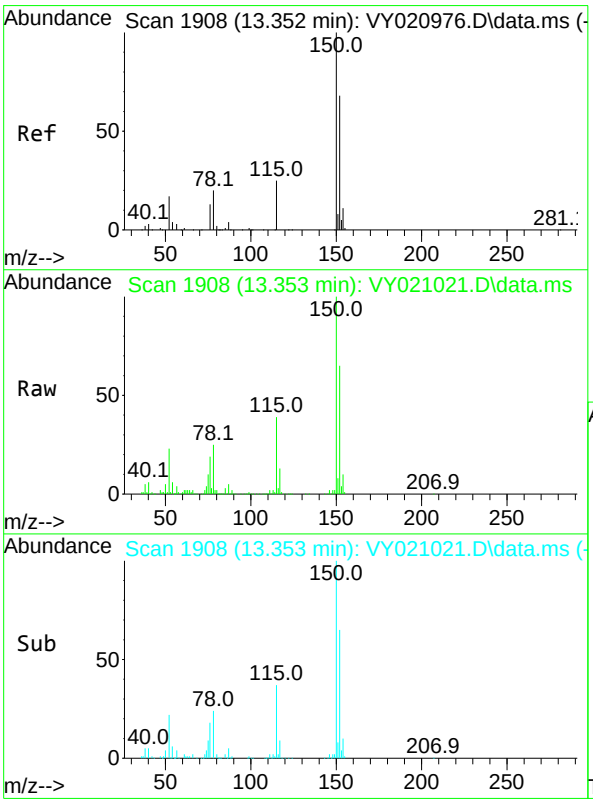
#71
Bromoform
Concen: 10.088 ug/l
RT: 12.139 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:173 Resp: 10627

Ion	Ratio	Lower	Upper
173	100		
175	50.1	24.1	72.2
254	0.0	0.0	0.0

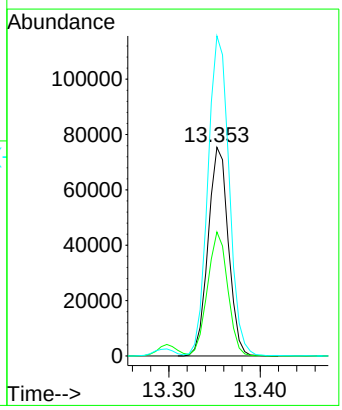


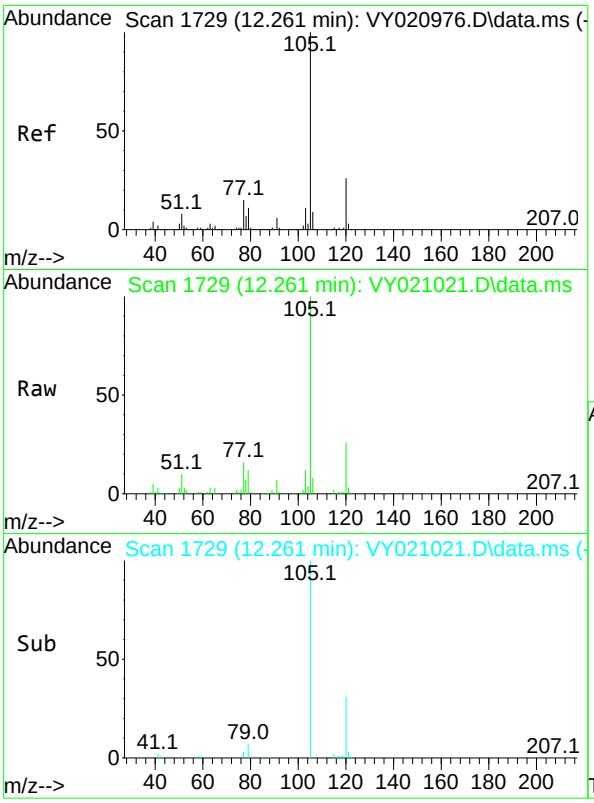


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:152 Resp: 115682

Ion	Ratio	Lower	Upper
152	100		
115	59.3	28.4	85.2
150	161.1	0.0	342.8



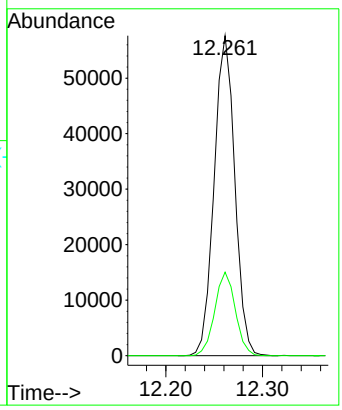


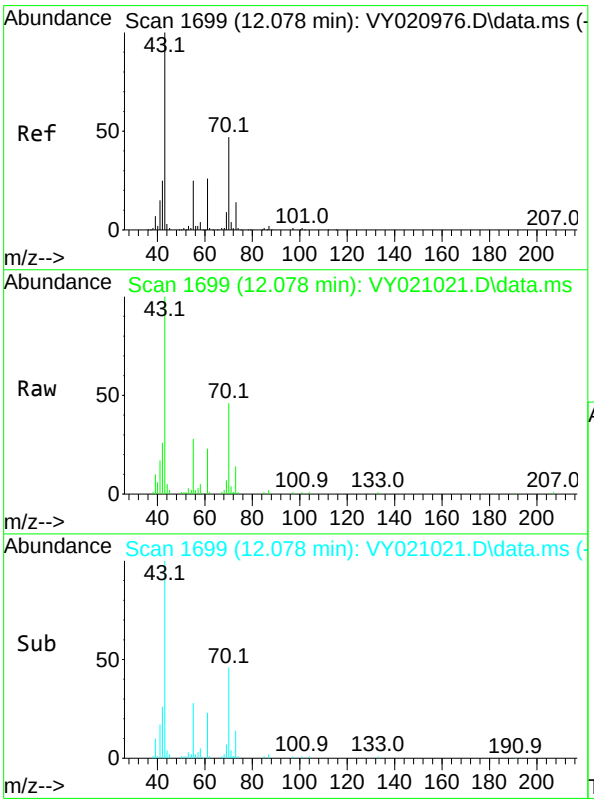
#73
Isopropylbenzene
Concen: 10.522 ug/l
RT: 12.261 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:105 Resp: 85491

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.4	40.2

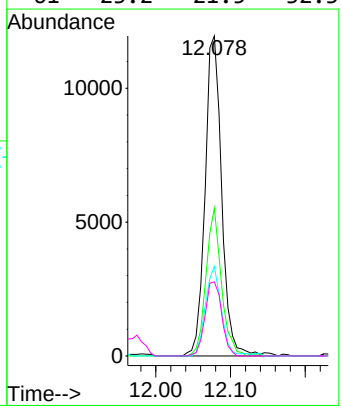


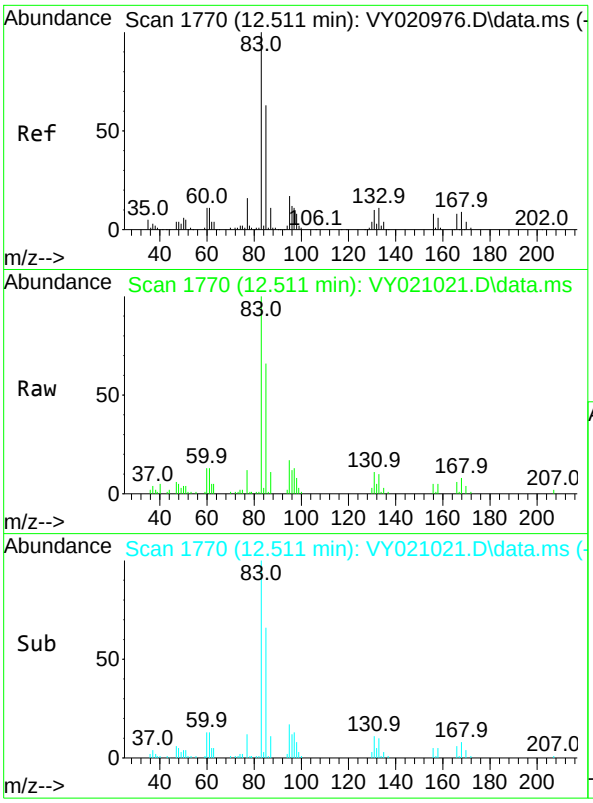


#74
N-amyl acetate
Concen: 12.524 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 43 Resp: 18529

Ion	Ratio	Lower	Upper
43	100		
70	42.6	39.3	58.9
55	27.0	22.3	33.5
61	23.2	21.5	32.3



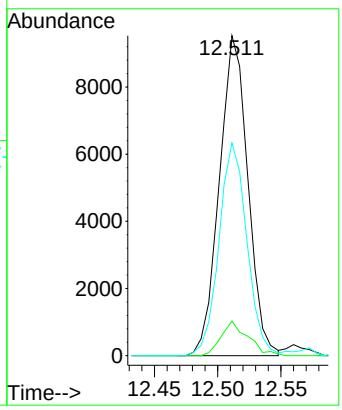


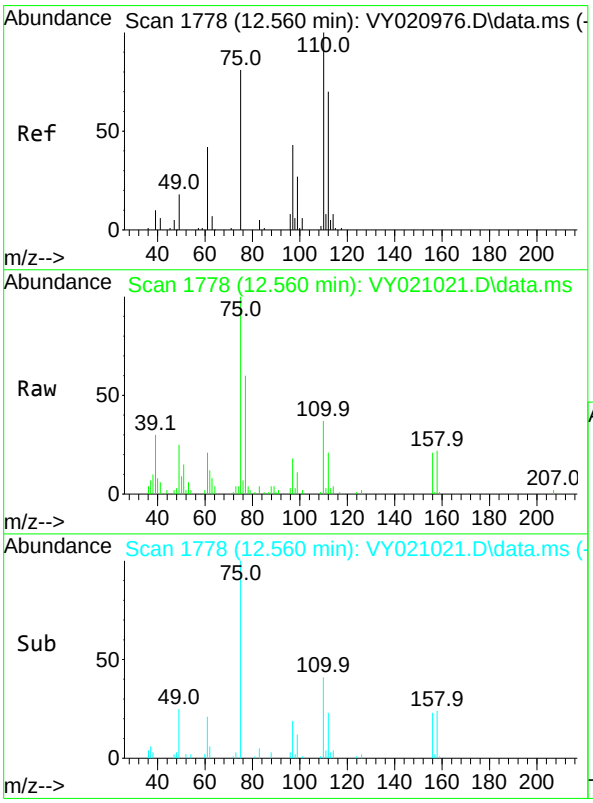
#75
1,1,2,2-Tetrachloroethane
Concen: 11.393 ug/l
RT: 12.511 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 83 Resp: 14942

Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.7	17.1
85	65.5	31.9	95.9

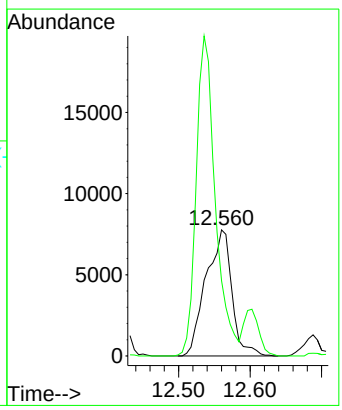


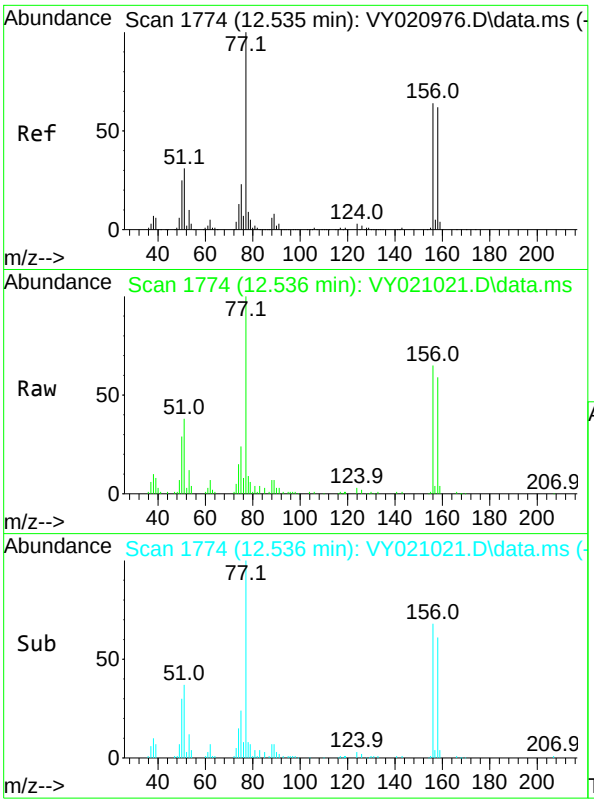


#76
1,2,3-Trichloropropane
Concen: 21.361 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 75 Resp: 19562

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



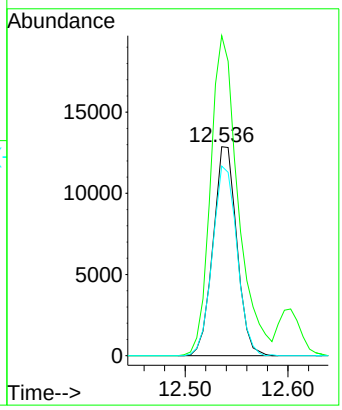


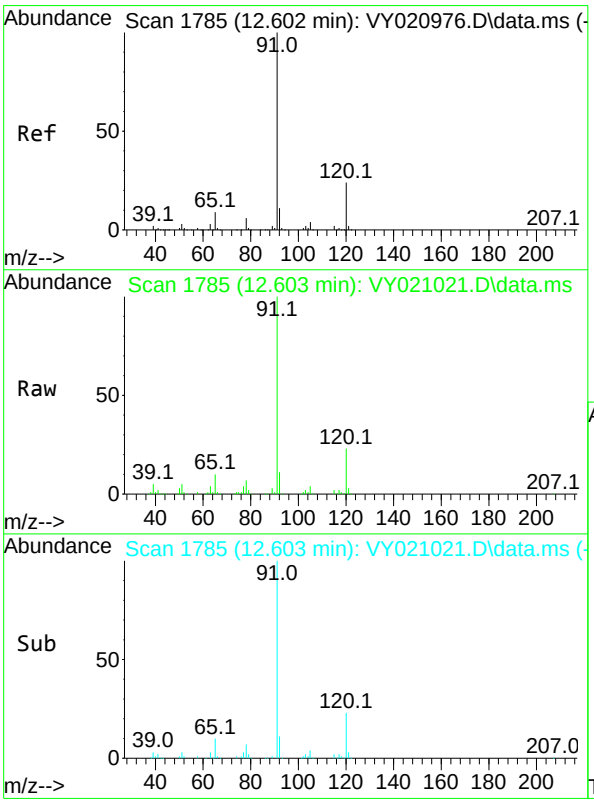
#77
Bromobenzene
Concen: 10.712 ug/l
RT: 12.536 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:156 Resp: 20634

Ion	Ratio	Lower	Upper
156	100		
77	177.9	83.3	249.9
158	94.0	48.3	144.9

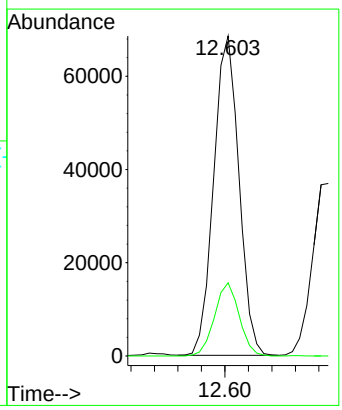


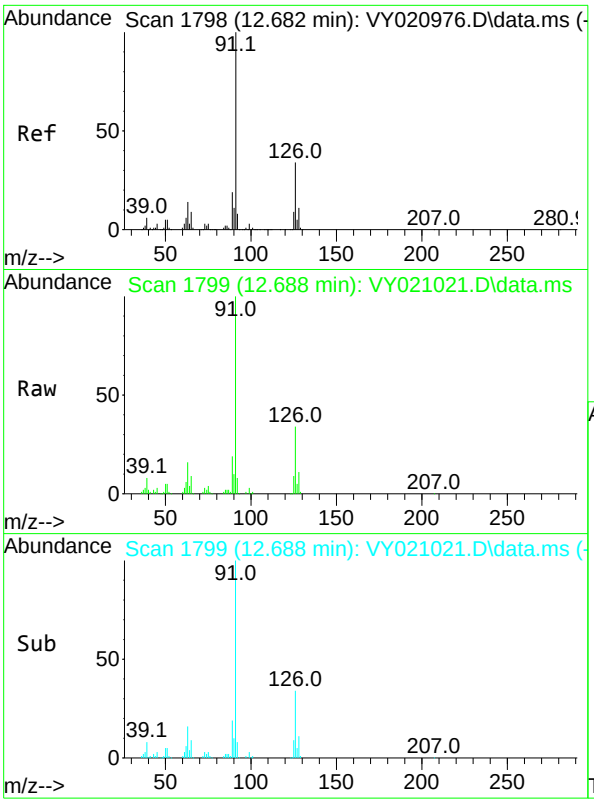


#78
n-propylbenzene
Concen: 10.738 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 91 Resp: 102250

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.8	35.4



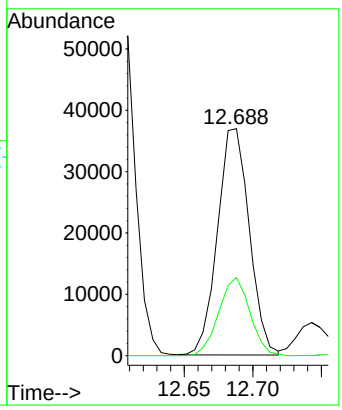


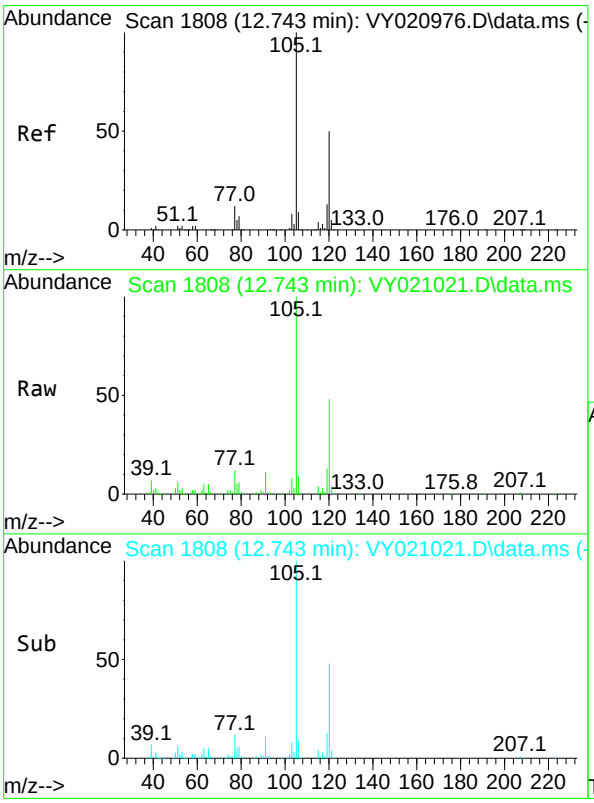
#79
2-Chlorotoluene
Concen: 10.991 ug/l
RT: 12.688 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 59630

Ion	Ratio	Lower	Upper
91	100		
126	33.7	17.3	51.9

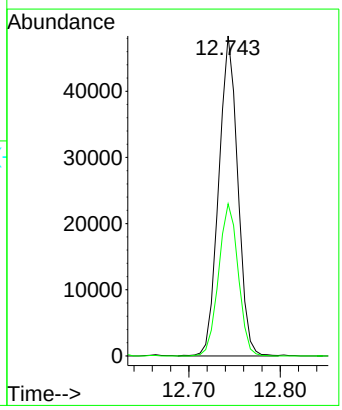


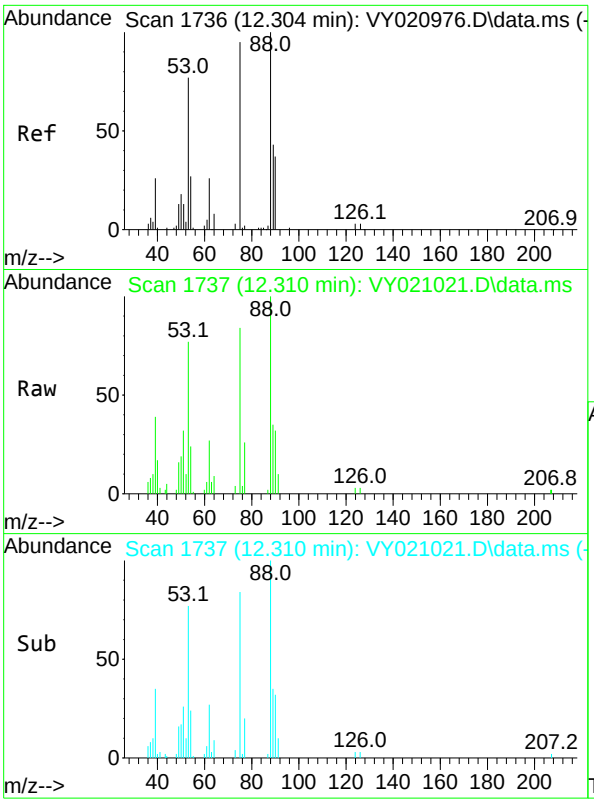


#80
1,3,5-Trimethylbenzene
Concen: 10.541 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:105 Resp: 70161

Ion	Ratio	Lower	Upper
105	100		
120	48.8	24.3	72.9



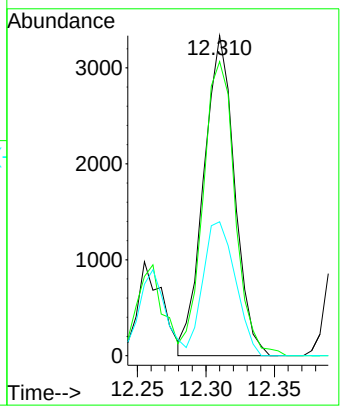


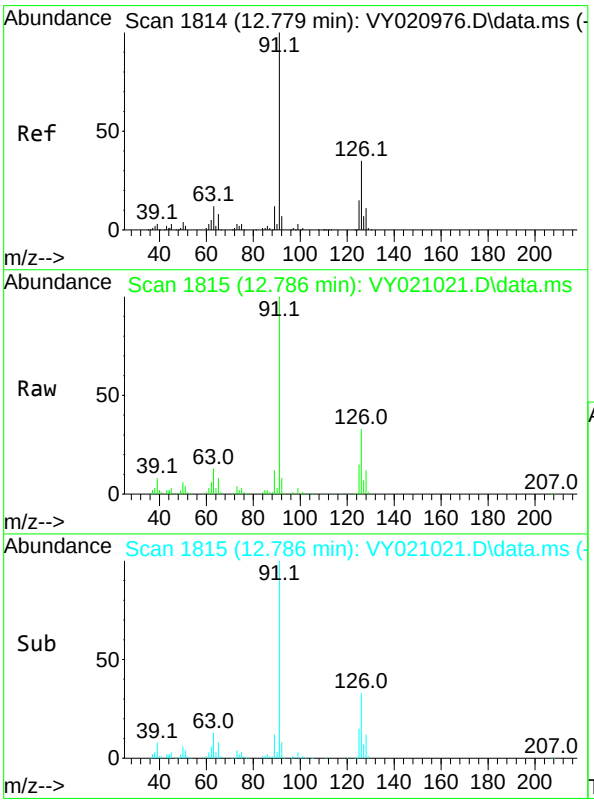
#81
trans-1,4-Dichloro-2-butene
Concen: 11.842 ug/l
RT: 12.310 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 75 Resp: 5224

Ion	Ratio	Lower	Upper
75	100		
53	94.9	68.6	103.0
89	43.8	38.1	57.1

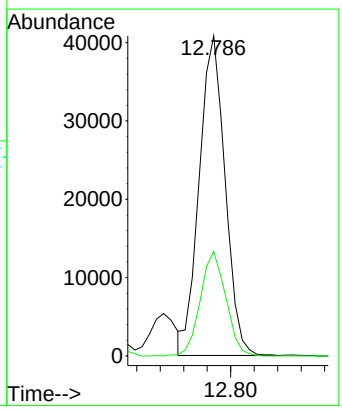


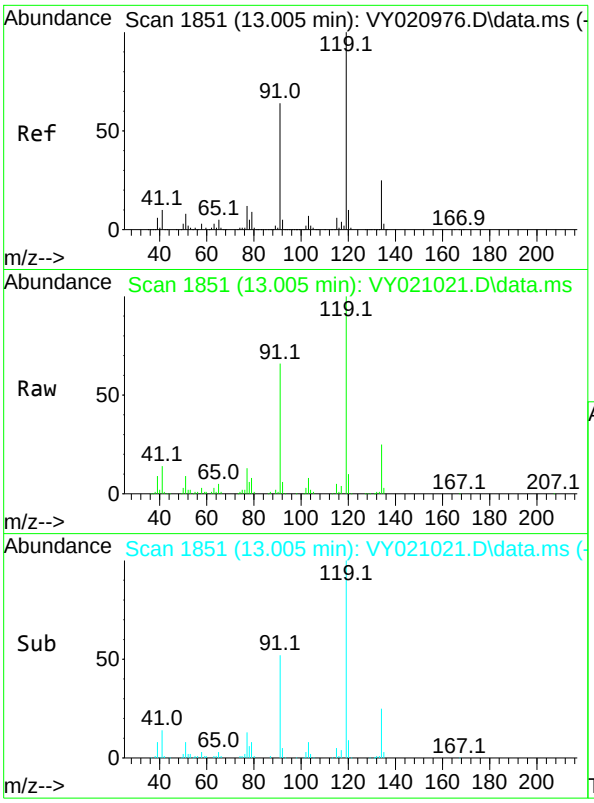


#82
4-Chlorotoluene
Concen: 11.217 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 91 Resp: 62279

Ion	Ratio	Lower	Upper
91	100		
126	32.3	17.3	52.0



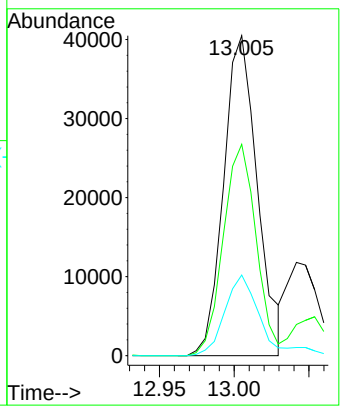


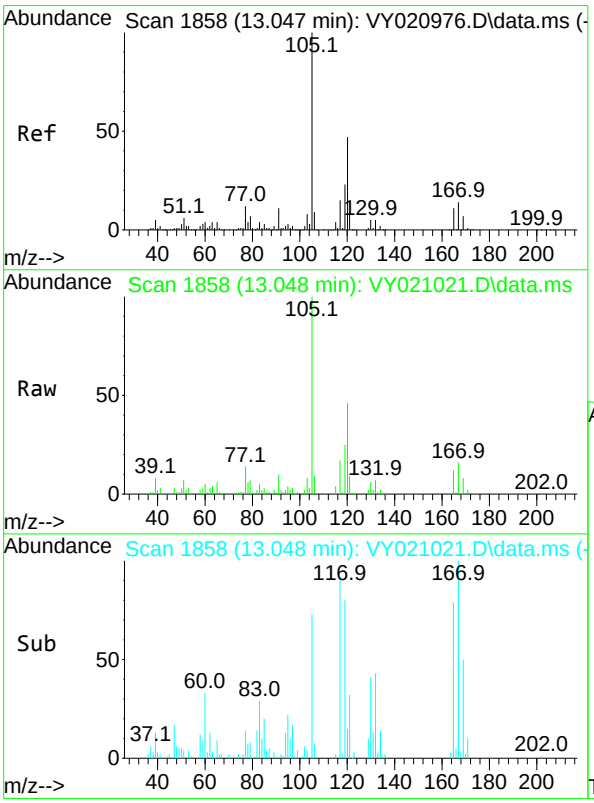
#83
tert-Butylbenzene
Concen: 10.287 ug/l
RT: 13.005 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:119 Resp: 63506

Ion	Ratio	Lower	Upper
119	100		
91	64.2	31.4	94.0
134	26.7	13.1	39.1

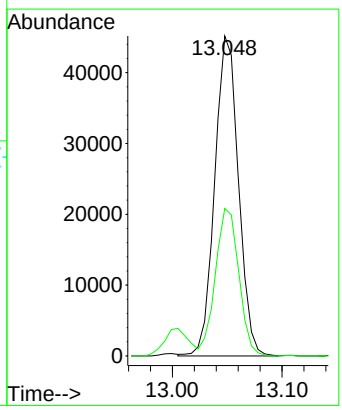


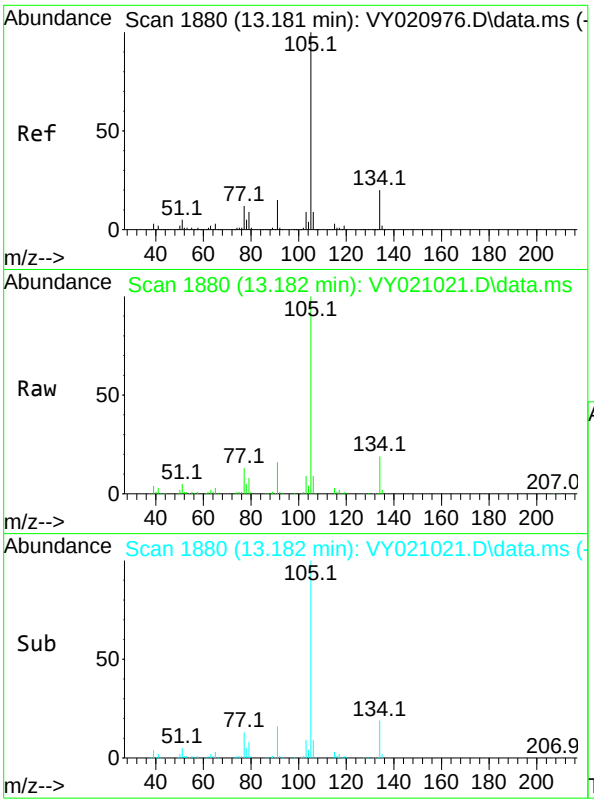


#84
1,2,4-Trimethylbenzene
Concen: 10.444 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:105 Resp: 67906

Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.7	68.0



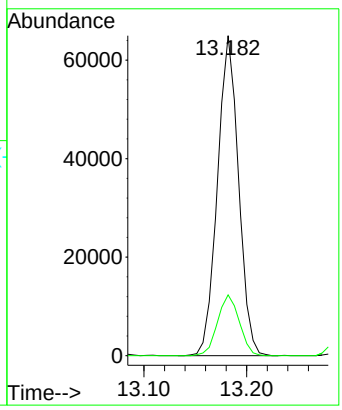


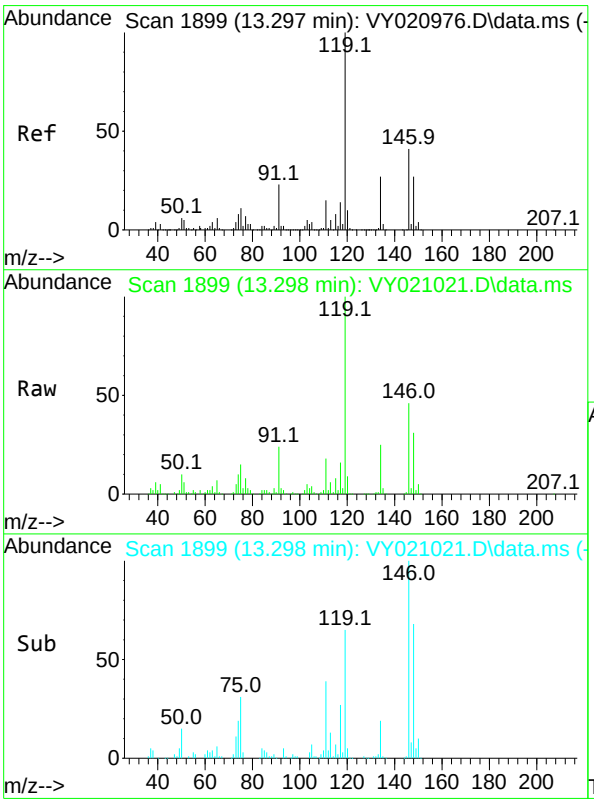
#85
sec-Butylbenzene
Concen: 10.596 ug/l
RT: 13.182 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:105 Resp: 92610

Ion	Ratio	Lower	Upper
105	100		
134	19.6	10.3	30.8

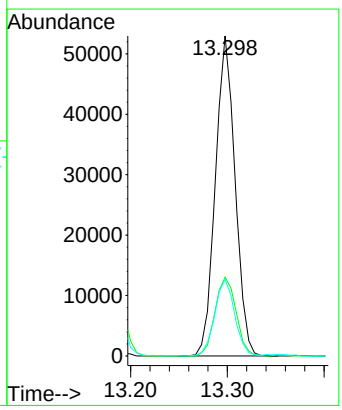


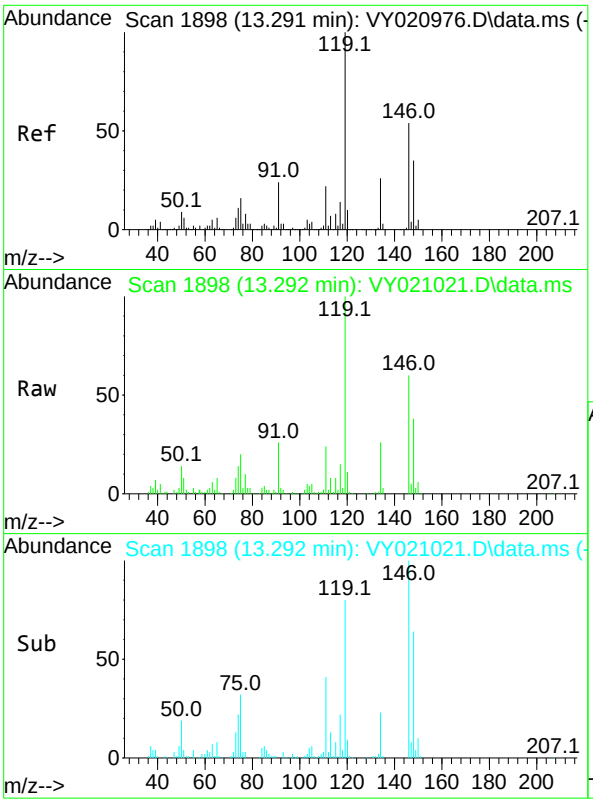


#86
p-Isopropyltoluene
Concen: 10.196 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:119 Resp: 74892

Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.1	39.3
91	24.4	11.5	34.5



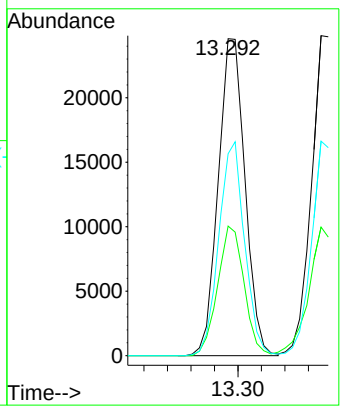


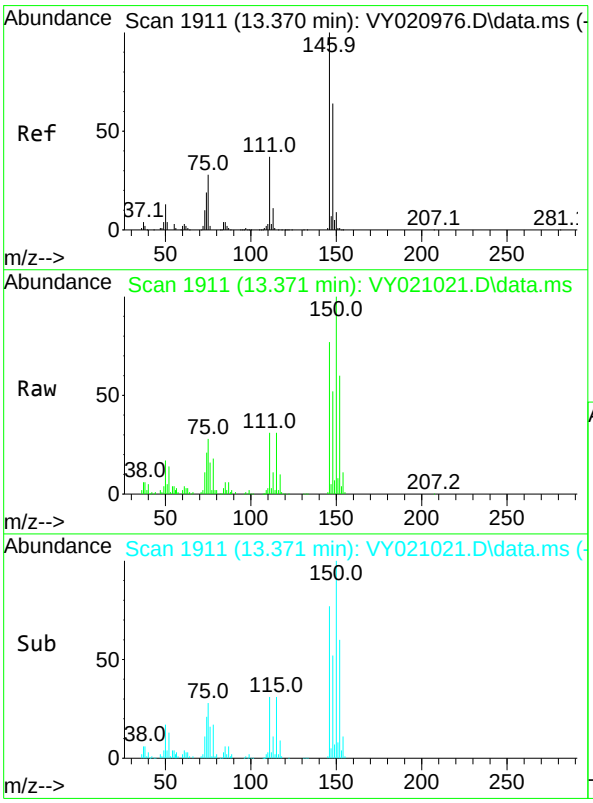
#87
1,3-Dichlorobenzene
Concen: 10.388 ug/l
RT: 13.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:146 Resp: 39016

Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.7	59.1
148	64.9	32.1	96.3

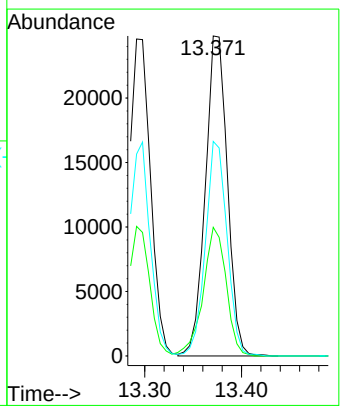


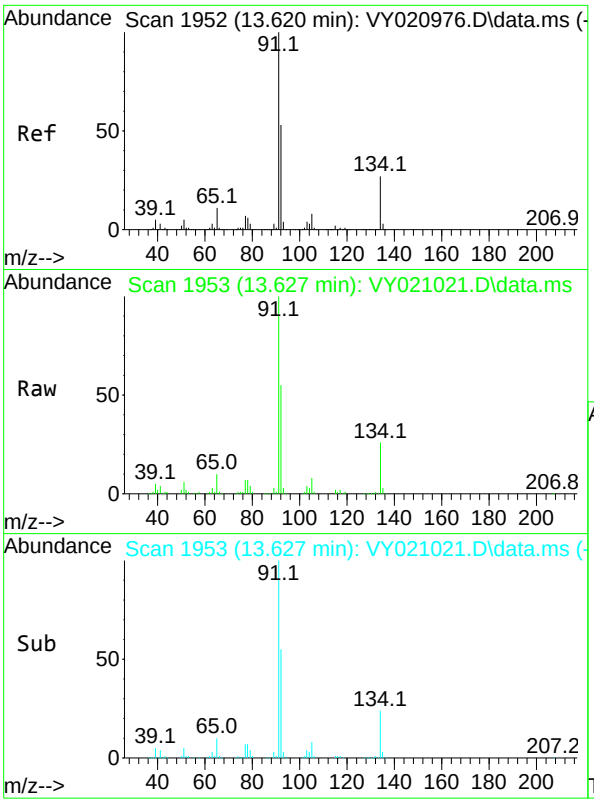


#88
1,4-Dichlorobenzene
Concen: 10.559 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:146 Resp: 39379

Ion	Ratio	Lower	Upper
146	100		
111	42.2	19.0	57.0
148	65.8	31.6	95.0



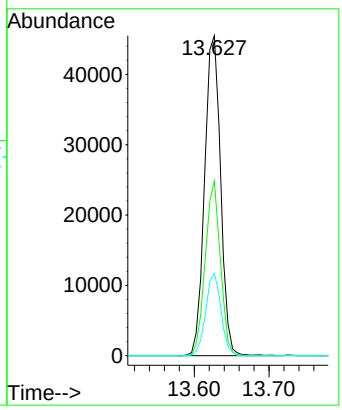


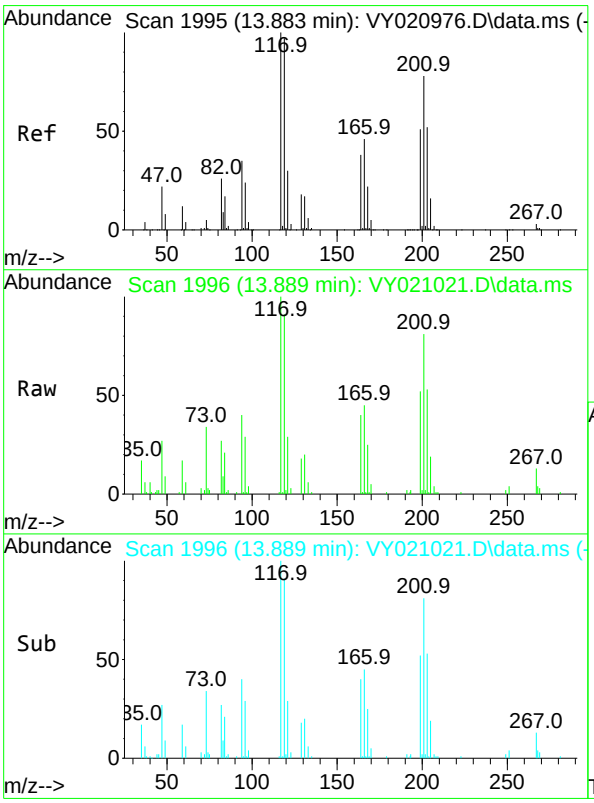
#89
n-Butylbenzene
Concen: 10.280 ug/l
RT: 13.627 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 67632

Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.7	80.1
134	24.6	13.7	41.1

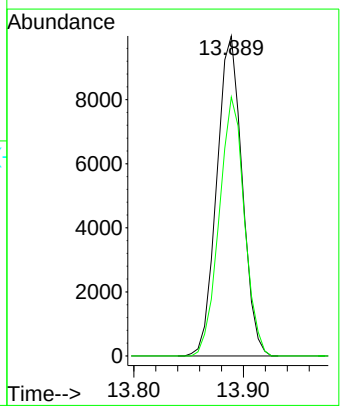


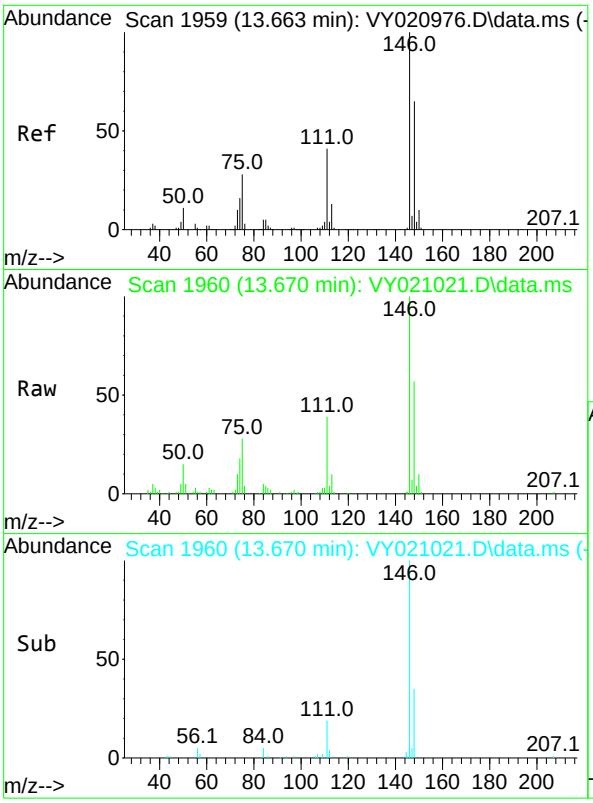


#90
Hexachloroethane
Concen: 10.788 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:117 Resp: 16030

Ion	Ratio	Lower	Upper
117	100		
201	80.4	42.5	127.5



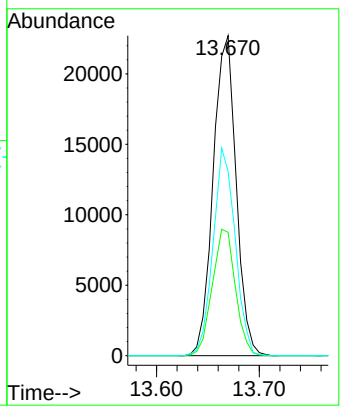


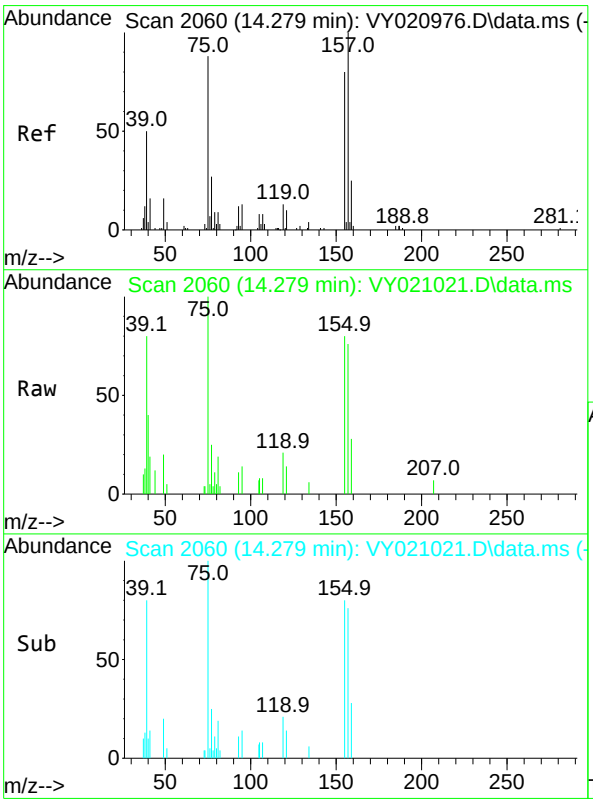
#91
1,2-Dichlorobenzene
Concen: 10.763 ug/l
RT: 13.670 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:146 Resp: 35252

Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.3	60.8
148	62.4	32.2	96.6

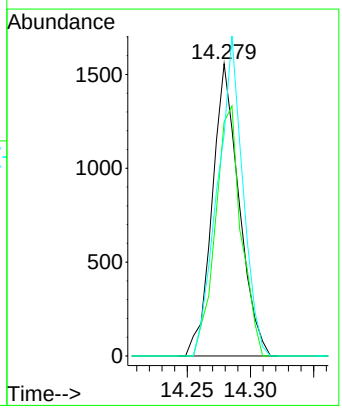


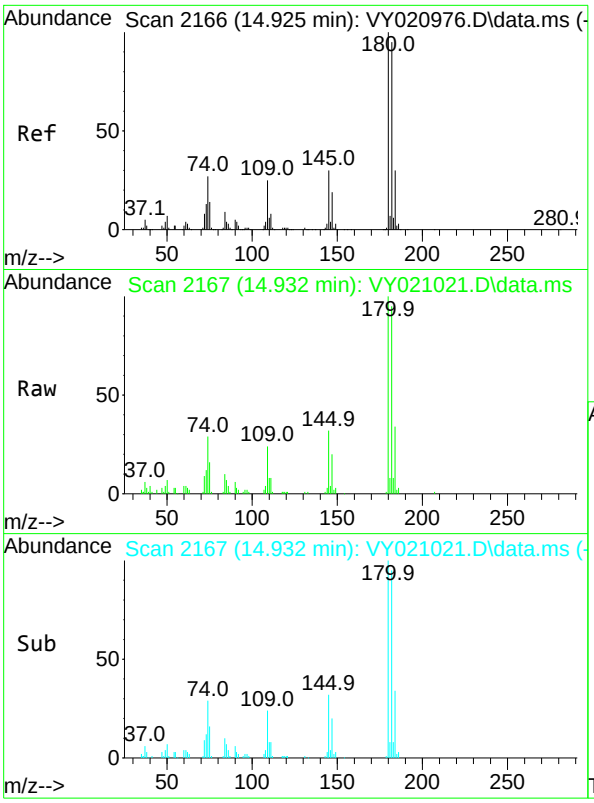


#92
1,2-Dibromo-3-Chloropropane
Concen: 11.372 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 75 Resp: 2296

Ion	Ratio	Lower	Upper
75	100		
155	82.0	45.9	137.6
157	102.7	59.3	177.9



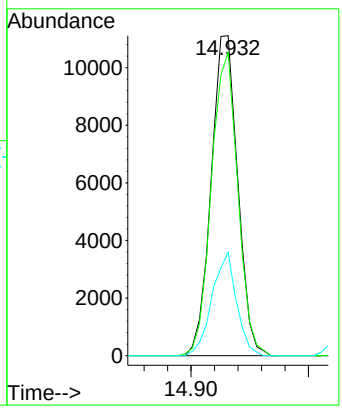


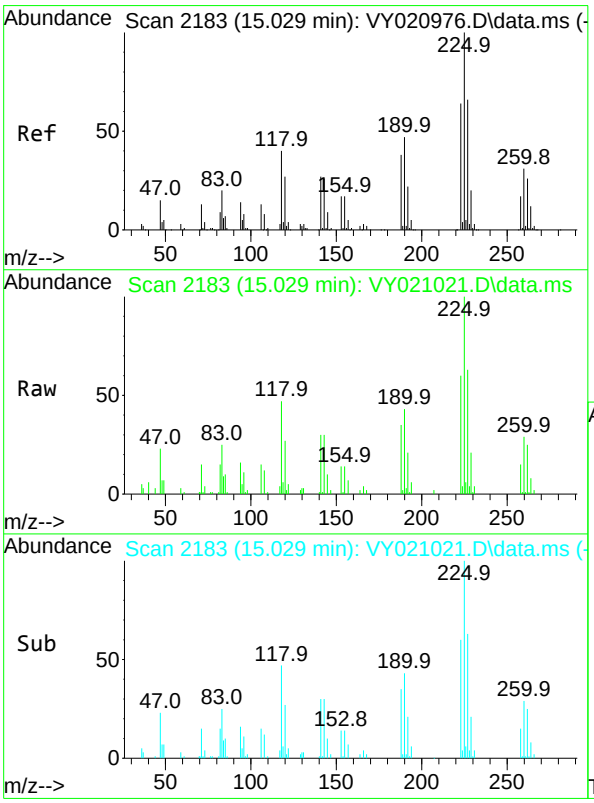
#93
1,2,4-Trichlorobenzene
Concen: 8.702 ug/l
RT: 14.932 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:180 Resp: 17451

Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.3	144.8
145	29.9	15.3	45.8

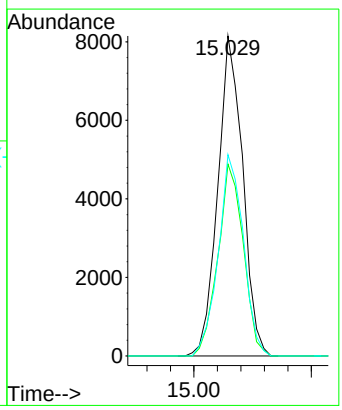


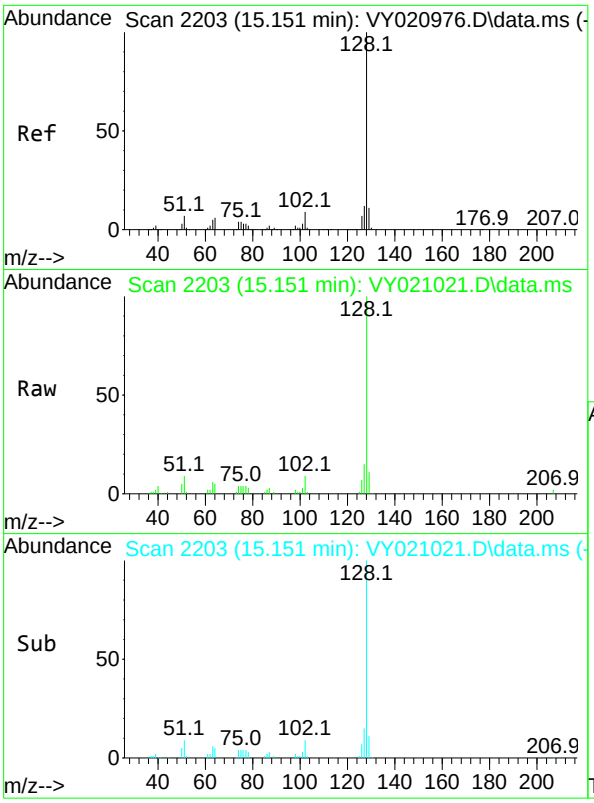


#94
Hexachlorobutadiene
Concen: 8.631 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:225 Resp: 11988

Ion	Ratio	Lower	Upper
225	100		
223	61.1	31.4	94.2
227	63.5	31.8	95.3



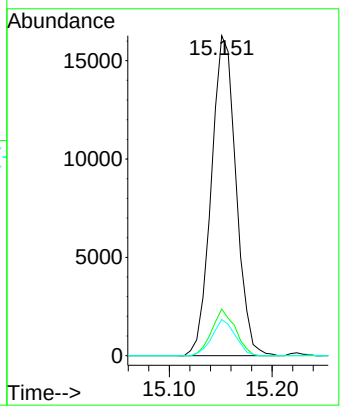


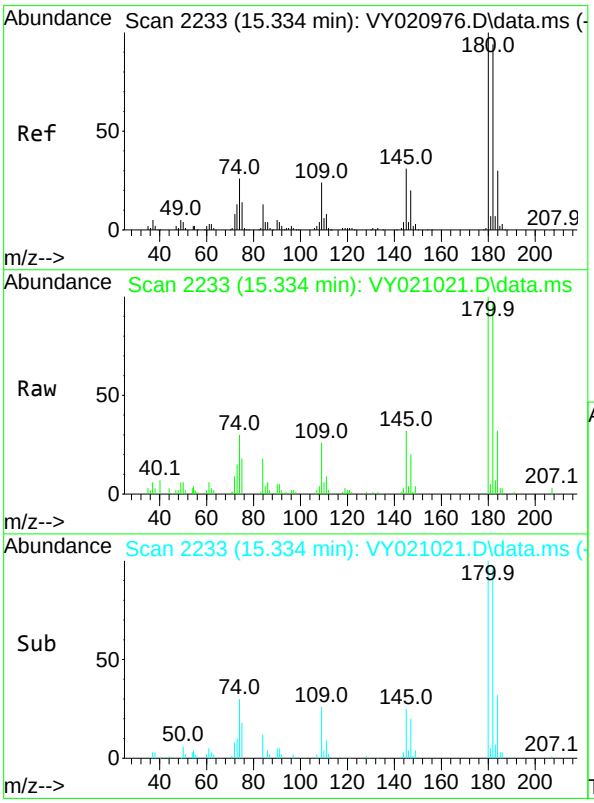
#95
Naphthalene
Concen: 8.409 ug/l
RT: 15.151 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:128 Resp: 27103

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.2	15.4
129	10.6	8.8	13.2

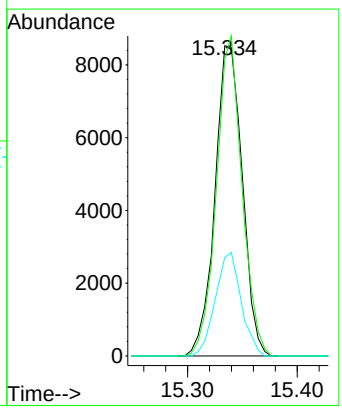




#96
1,2,3-Trichlorobenzene
Concen: 8.729 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. -0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:180 Resp: 14804

Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.7	143.1
145	31.4	15.6	46.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021022.D
Acq On : 03 Feb 2025 11:20
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Quant Time: Feb 03 12:38:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	183569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	284501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	244590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	116948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	35087	22.450	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	44.900%#		
35) Dibromofluoromethane	7.640	113	34279	20.042	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	40.080%#		
50) Toluene-d8	10.109	98	129662	19.423	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	38.840%#		
62) 4-Bromofluorobenzene	12.414	95	42182	18.831	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	37.660%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	30336	19.435	ug/l	99
3) Chloromethane	2.074	50	29923	30.154	ug/l	98
4) Vinyl Chloride	2.208	62	29658	28.986	ug/l	99
5) Bromomethane	2.598	94	18302	26.423	ug/l	90
6) Chloroethane	2.739	64	17634	29.503	ug/l	97
7) Trichlorofluoromethane	3.068	101	55451	22.457	ug/l	98
8) Diethyl Ether	3.458	74	18232	24.733	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.830	101	34675	20.855	ug/l	95
10) Methyl Iodide	4.013	142	38697	20.338	ug/l	99
11) Tert butyl alcohol	4.878	59	12889	112.894	ug/l #	90
12) 1,1-Dichloroethene	3.793	96	32389	20.845	ug/l	90
13) Acrolein	3.659	56	20427	155.371	ug/l	100
14) Allyl chloride	4.391	41	55315	25.859	ug/l	92
15) Acrylonitrile	5.067	53	38612	127.343	ug/l	97
16) Acetone	3.873	43	28518	133.874	ug/l	95
17) Carbon Disulfide	4.116	76	101973	21.308	ug/l	99
18) Methyl Acetate	4.391	43	19673	26.393	ug/l	92
19) Methyl tert-butyl Ether	5.116	73	85748	23.710	ug/l	98
20) Methylene Chloride	4.629	84	34701	22.087	ug/l	94
21) trans-1,2-Dichloroethene	5.122	96	36879	22.137	ug/l	94
22) Diisopropyl ether	6.025	45	120281	27.585	ug/l	94
23) Vinyl Acetate	5.970	43	331355	137.224	ug/l	95
24) 1,1-Dichloroethane	5.927	63	67799	24.102	ug/l	98
25) 2-Butanone	6.902	43	46083	127.520	ug/l	95
26) 2,2-Dichloropropane	6.890	77	61862	22.336	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	42356	22.120	ug/l	93
28) Bromochloromethane	7.250	49	27966	26.684	ug/l	83
29) Tetrahydrofuran	7.268	42	32271	132.707	ug/l	90
30) Chloroform	7.427	83	69562	22.832	ug/l	98
31) Cyclohexane	7.707	56	59268	21.556	ug/l	94
32) 1,1,1-Trichloroethane	7.622	97	63645	21.585	ug/l	96
36) 1,1-Dichloropropene	7.841	75	50918	20.868	ug/l	96
37) Ethyl Acetate	6.988	43	23724	26.080	ug/l #	96
38) Carbon Tetrachloride	7.823	117	59433	19.683	ug/l	96
39) Methylcyclohexane	9.116	83	61029	18.619	ug/l	92
40) Benzene	8.085	78	150967	21.027	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021022.D
Acq On : 03 Feb 2025 11:20
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Quant Time: Feb 03 12:38:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.262	41	31453	62.491 ug/l #	43
42) 1,2-Dichloroethane	8.164	62	41726	22.916 ug/l	98
43) Isopropyl Acetate	8.201	43	45505	25.040 ug/l	97
44) Trichloroethene	8.872	130	38841	19.606 ug/l	100
45) 1,2-Dichloropropane	9.146	63	36268	22.538 ug/l	99
46) Dibromomethane	9.237	93	20417	21.802 ug/l	93
47) Bromodichloromethane	9.426	83	53424	21.723 ug/l	97
48) Methyl methacrylate	9.225	41	19957	23.066 ug/l	91
49) 1,4-Dioxane	9.237	88	3939	395.839 ug/l #	90
51) 4-Methyl-2-Pentanone	10.006	43	114844	122.983 ug/l	94
52) Toluene	10.176	92	95614	20.517 ug/l	98
53) t-1,3-Dichloropropene	10.396	75	47690	21.429 ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	57105	21.469 ug/l #	89
55) 1,1,2-Trichloroethane	10.579	97	26314	21.129 ug/l	98
56) Ethyl methacrylate	10.445	69	34126	20.963 ug/l #	86
57) 1,3-Dichloropropane	10.725	76	45784	21.690 ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	83057	120.208 ug/l	95
59) 2-Hexanone	10.768	43	72555	119.535 ug/l	92
60) Dibromochloromethane	10.914	129	36853	20.754 ug/l	99
61) 1,2-Dibromoethane	11.018	107	24505	20.600 ug/l	97
64) Tetrachloroethene	10.652	164	34418	18.655 ug/l	97
65) Chlorobenzene	11.444	112	103141	20.015 ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.524	131	36817	20.130 ug/l	99
67) Ethyl Benzene	11.524	91	182430	20.446 ug/l	99
68) m/p-Xylenes	11.633	106	138826	40.497 ug/l	97
69) o-Xylene	11.963	106	64616	20.276 ug/l	98
70) Styrene	11.975	104	108143	20.439 ug/l	99
71) Bromoform	12.139	173	21254	19.718 ug/l #	100
73) Isopropylbenzene	12.261	105	171836	20.921 ug/l	100
74) N-amyl acetate	12.078	43	37235	24.896 ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.511	83	29712	22.410 ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	38943	42.065 ug/l #	100
77) Bromobenzene	12.536	156	40491	20.793 ug/l	95
78) n-propylbenzene	12.603	91	206279	21.429 ug/l	98
79) 2-Chlorotoluene	12.688	91	118673	21.638 ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	142319	21.150 ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	9872	22.135 ug/l	93
82) 4-Chlorotoluene	12.786	91	121872	21.712 ug/l	100
83) tert-Butylbenzene	13.005	119	128881	20.651 ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	139446	21.214 ug/l	99
85) sec-Butylbenzene	13.182	105	185044	20.943 ug/l	99
86) p-Isopropyltoluene	13.298	119	154555	20.815 ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	77631	20.446 ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	76342	20.248 ug/l	97
89) n-Butylbenzene	13.627	91	138532	20.829 ug/l	98
90) Hexachloroethane	13.889	117	31796	21.166 ug/l	93
91) 1,2-Dichlorobenzene	13.663	146	67363	20.344 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4160	20.380 ug/l	88
93) 1,2,4-Trichlorobenzene	14.932	180	34770	17.150 ug/l	98
94) Hexachlorobutadiene	15.029	225	24481	17.435 ug/l	97
95) Naphthalene	15.151	128	55021	16.886 ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	29301	17.090 ug/l	98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021022.D
Acq On : 03 Feb 2025 11:20
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Quant Time: Feb 03 12:38:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

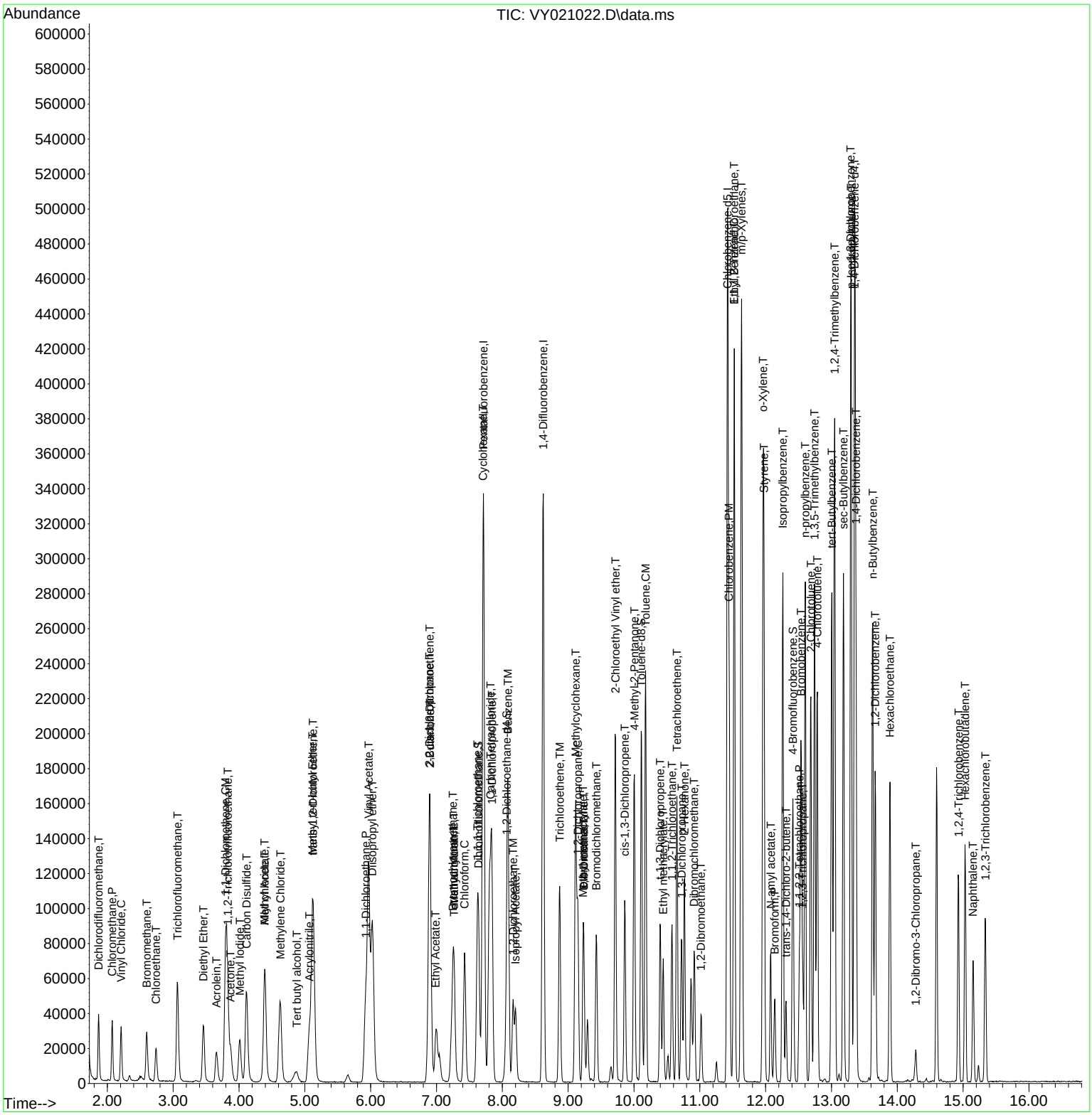
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

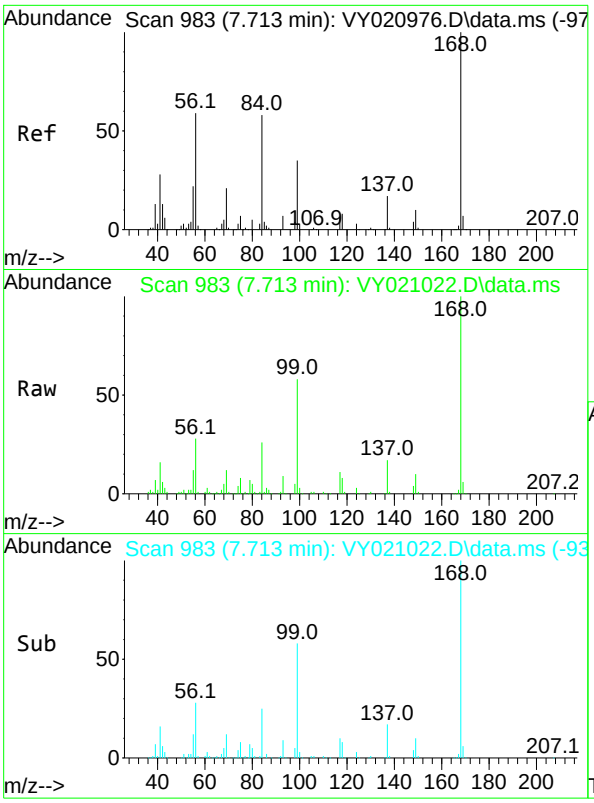
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021022.D
Acq On : 03 Feb 2025 11:20
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Quant Time: Feb 03 12:38:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration



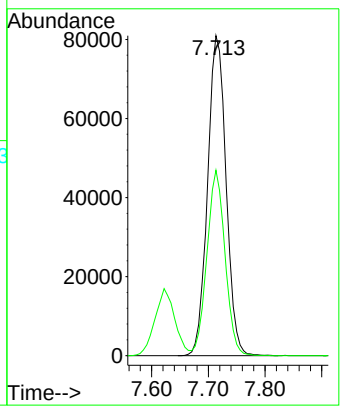


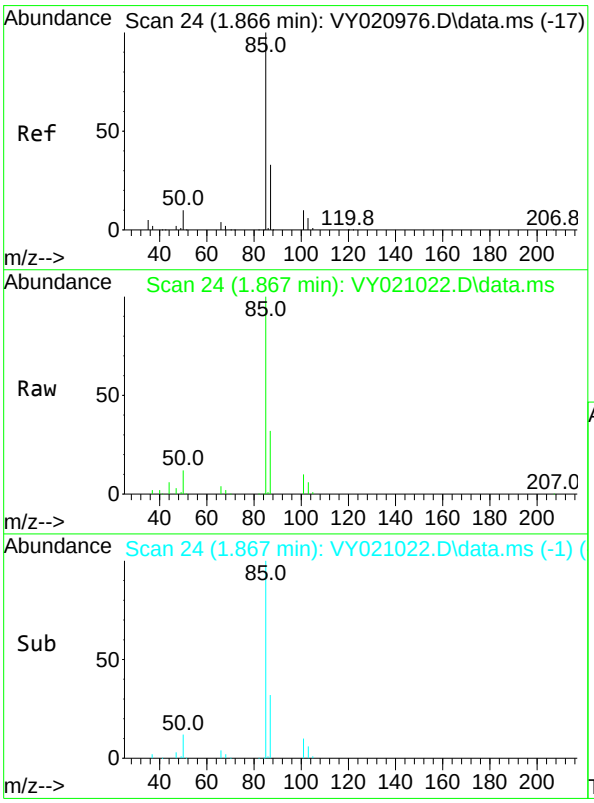
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:168 Resp: 183569

Ion	Ratio	Lower	Upper
168	100		
99	57.9	42.2	63.2

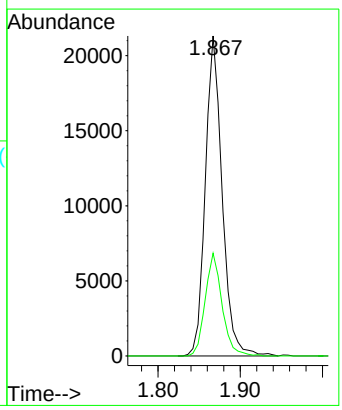


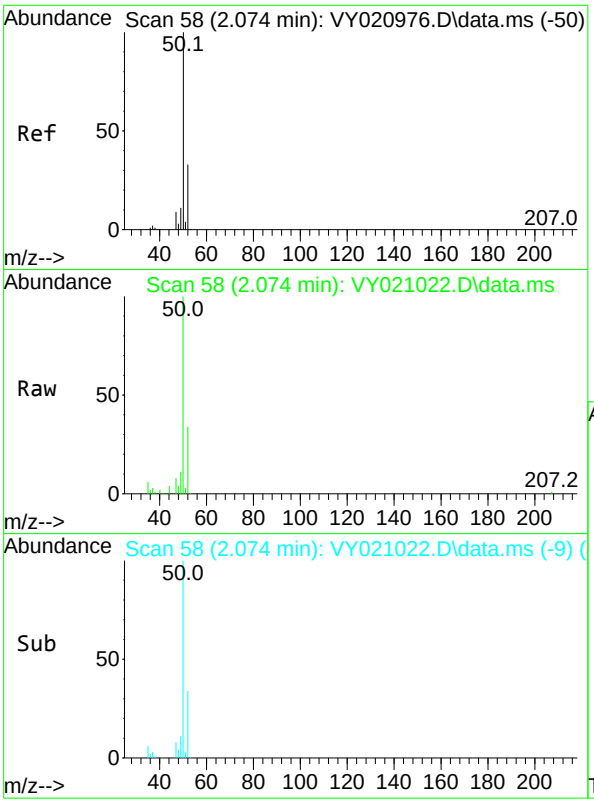


#2
Dichlorodifluoromethane
Concen: 19.435 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 85 Resp: 30336

Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.3	48.9



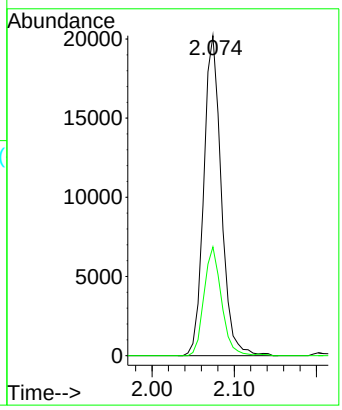


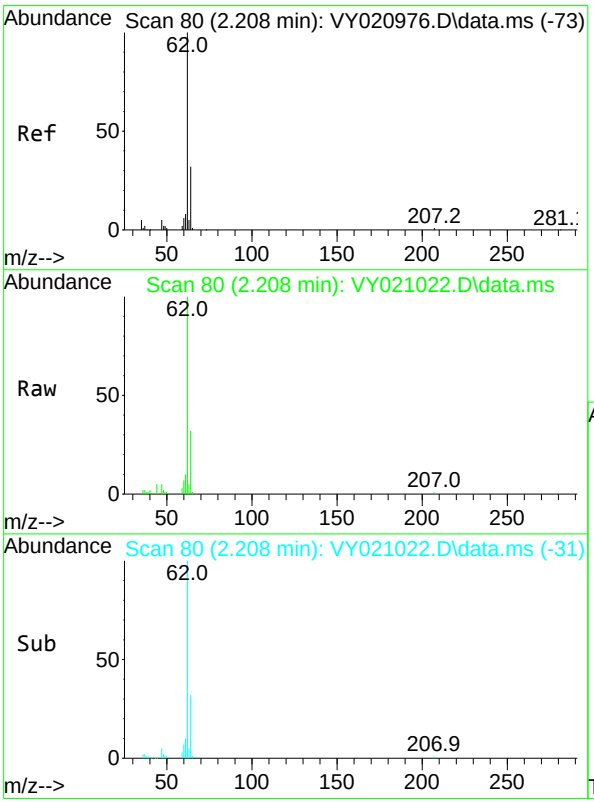
#3
Chloromethane
Concen: 30.154 ug/l
RT: 2.074 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 29923

Ion	Ratio	Lower	Upper
50	100		
52	34.0	26.3	39.5

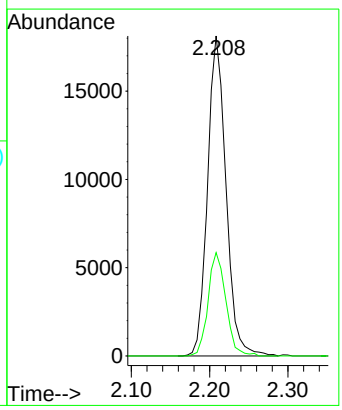


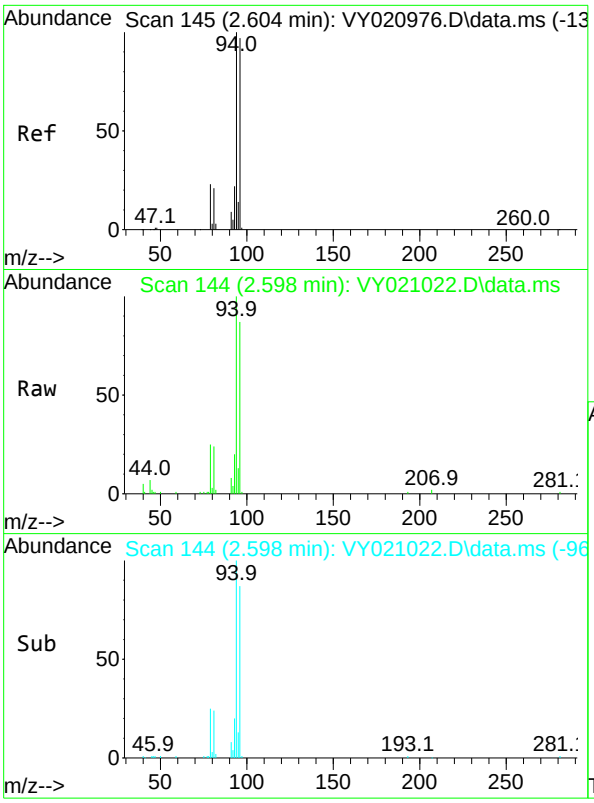


#4
Vinyl Chloride
Concen: 28.986 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 62 Resp: 29658

Ion	Ratio	Lower	Upper
62	100		
64	32.3	25.4	38.2



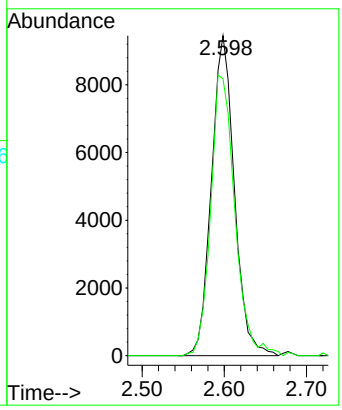


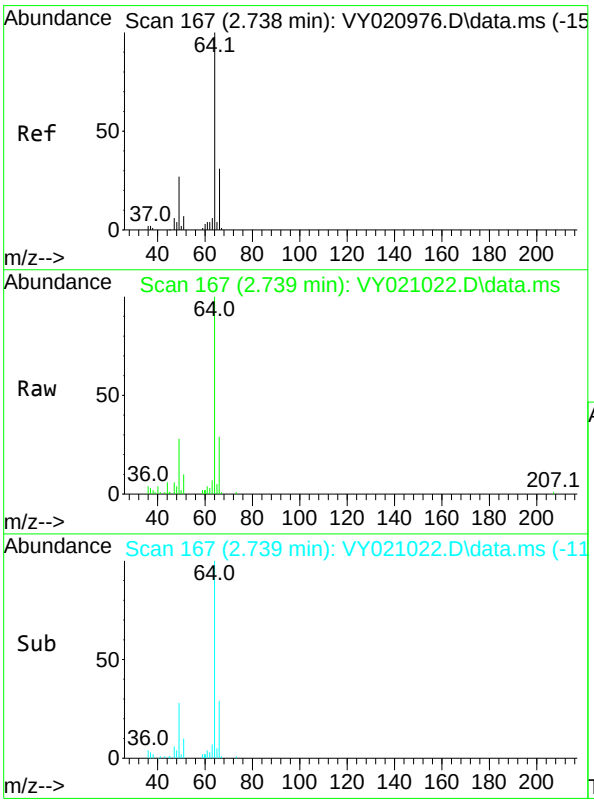
#5
Bromomethane
Concen: 26.423 ug/l
RT: 2.598 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 18302

Ion	Ratio	Lower	Upper
94	100		
96	86.5	77.4	116.0

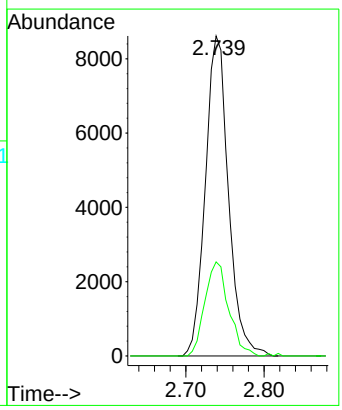


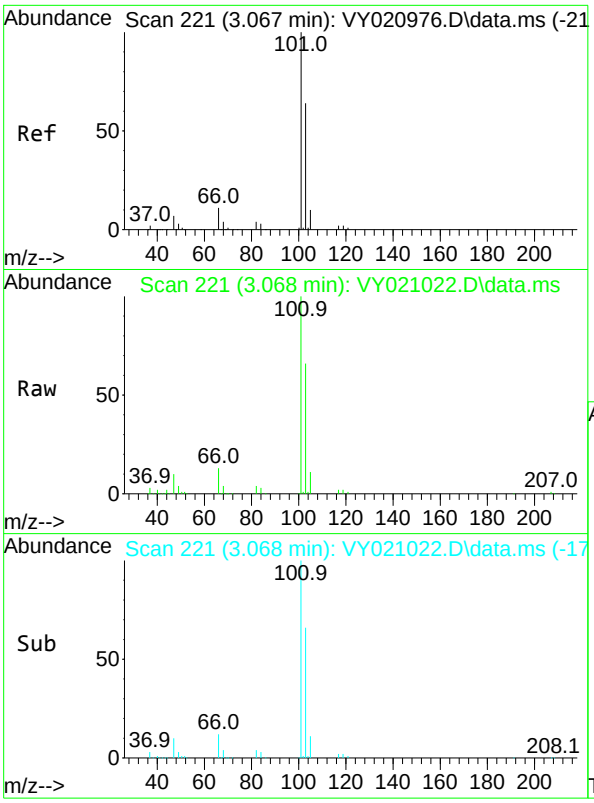


#6
Chloroethane
Concen: 29.503 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 64 Resp: 17634

Ion	Ratio	Lower	Upper
64	100		
66	29.4	25.0	37.4



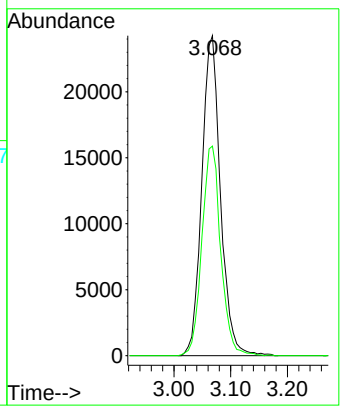


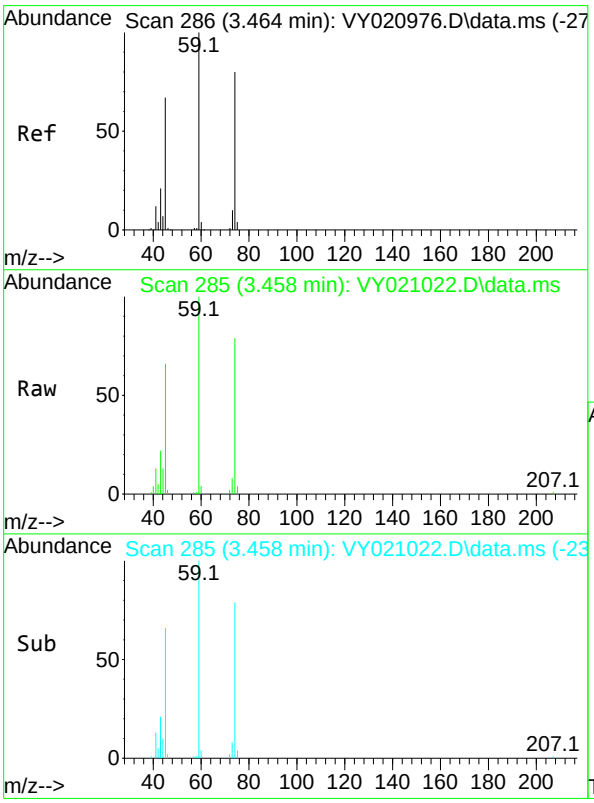
#7
Trichlorofluoromethane
Concen: 22.457 ug/l
RT: 3.068 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 55451

Ion	Ratio	Lower	Upper
101	100		
103	65.5	50.9	76.3

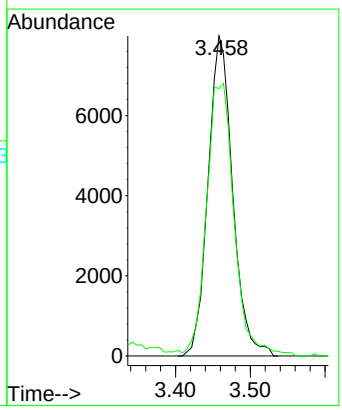


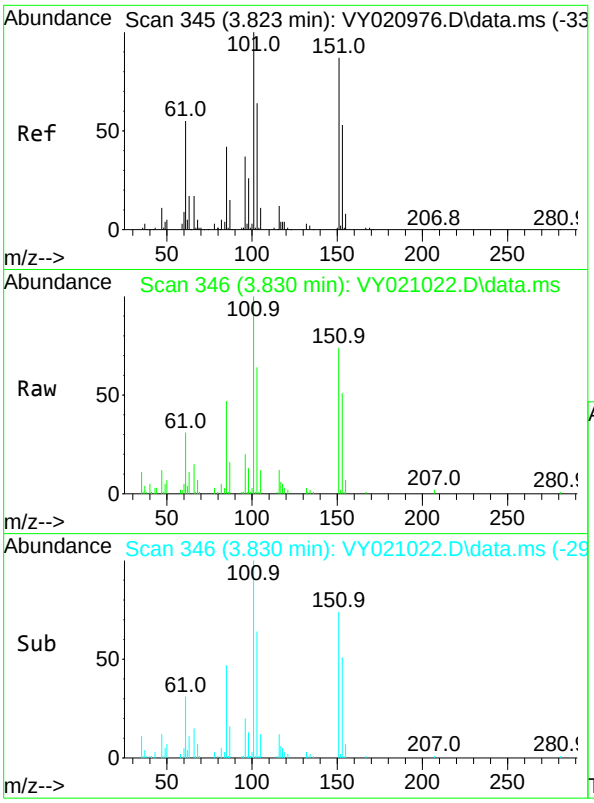


#8
Diethyl Ether
Concen: 24.733 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 74 Resp: 18232

Ion	Ratio	Lower	Upper
74	100		
45	95.6	43.4	130.2



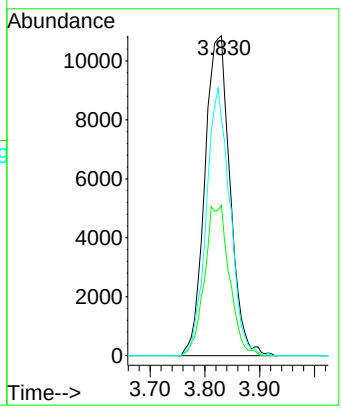


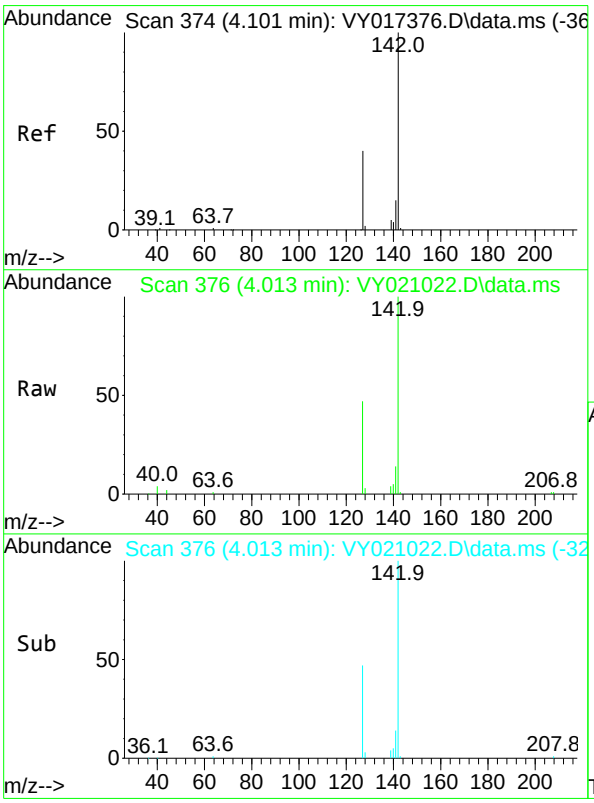
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.855 ug/l
RT: 3.830 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 34675

Ion	Ratio	Lower	Upper
101	100		
85	46.3	34.9	52.3
151	78.7	66.8	100.2

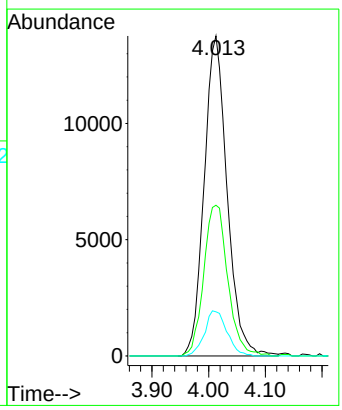


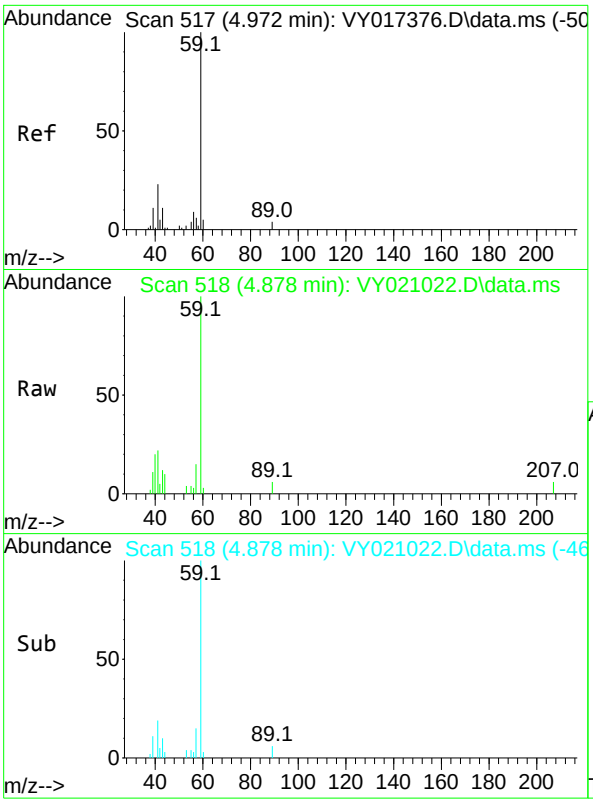


#10
Methyl Iodide
Concen: 20.338 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:142 Resp: 38697

Ion	Ratio	Lower	Upper
142	100		
127	49.5	38.9	58.3
141	13.8	11.7	17.5



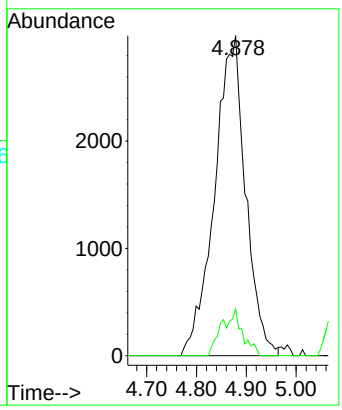


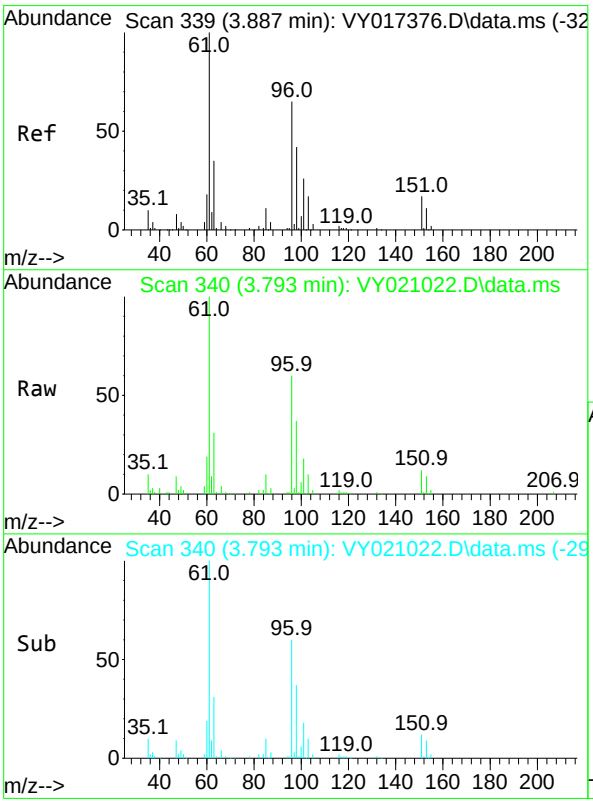
#11
Tert butyl alcohol
Concen: 112.894 ug/l
RT: 4.878 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 12889

Ion	Ratio	Lower	Upper
59	100		
57	6.0	7.8	11.8#

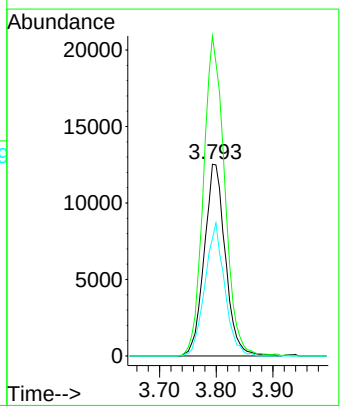


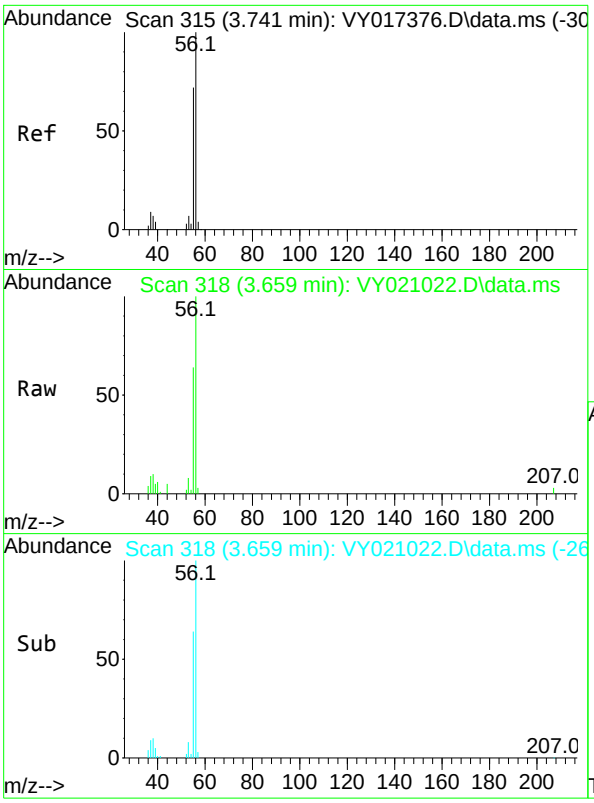


#12
1,1-Dichloroethene
Concen: 20.845 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 96 Resp: 32389

Ion	Ratio	Lower	Upper
96	100		
61	166.9	120.8	181.2
98	61.3	50.6	76.0



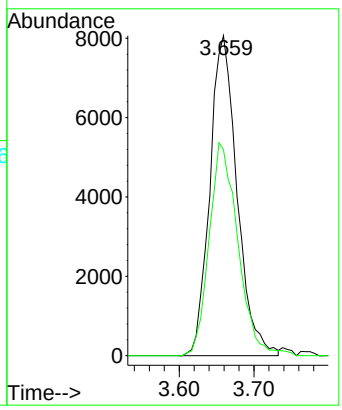


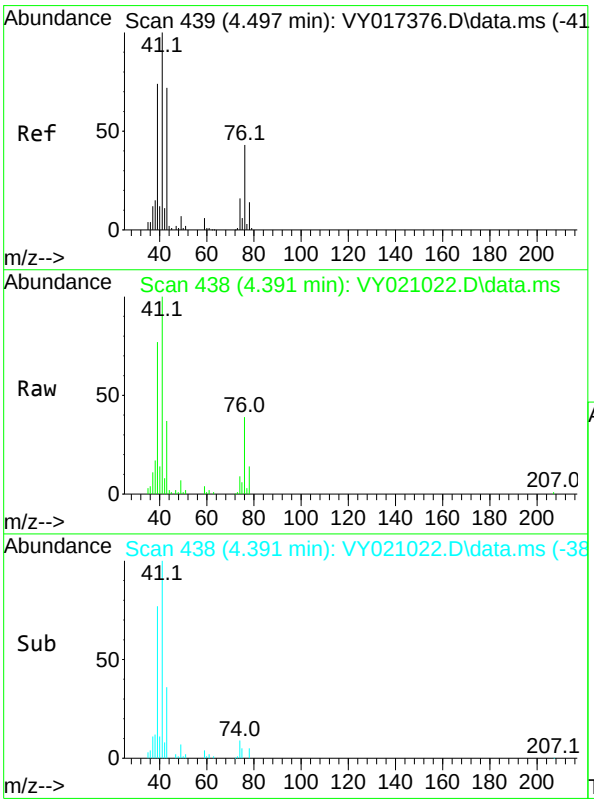
#13
Acrolein
Concen: 155.371 ug/l
RT: 3.659 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 20427

Ion	Ratio	Lower	Upper
56	100		
55	70.3	56.1	84.1

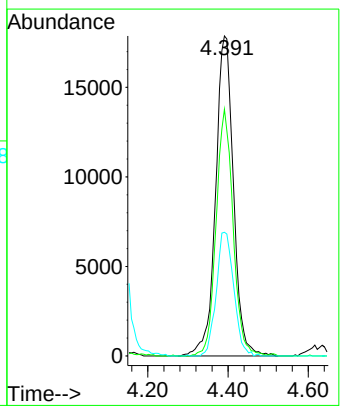


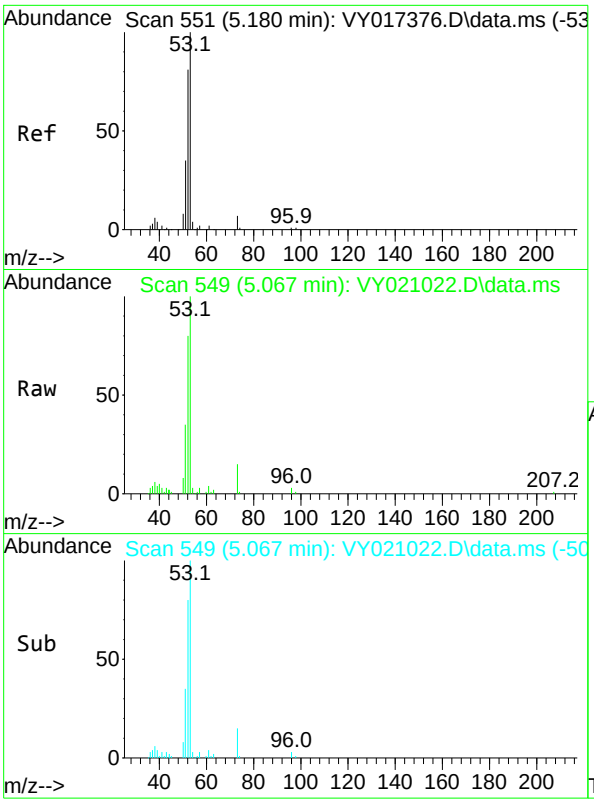


#14
Allyl chloride
Concen: 25.859 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 41 Resp: 55315

Ion	Ratio	Lower	Upper
41	100		
39	73.2	53.5	80.3
76	37.8	34.6	52.0



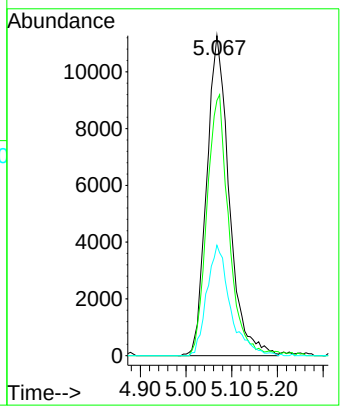


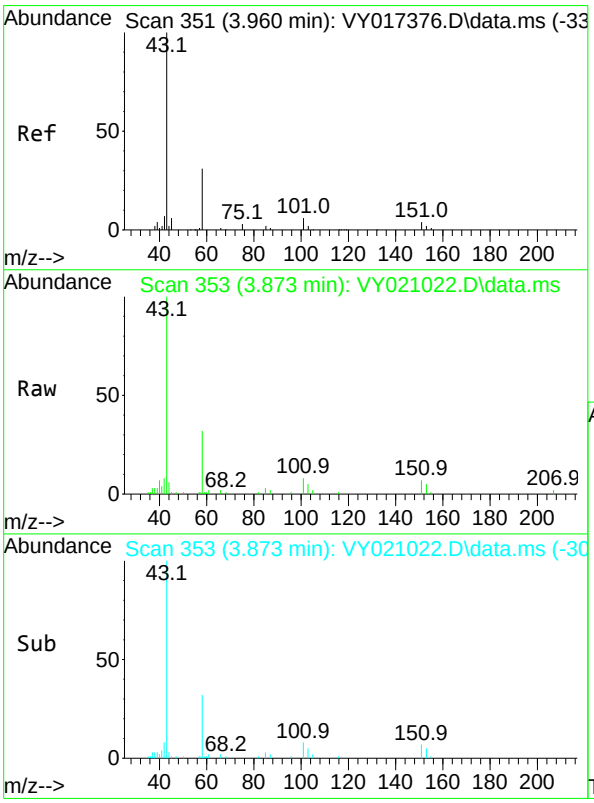
#15
Acrylonitrile
Concen: 127.343 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 38612

Ion	Ratio	Lower	Upper
53	100		
52	79.0	66.2	99.4
51	35.8	29.4	44.0

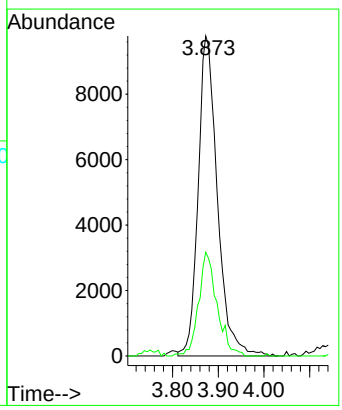


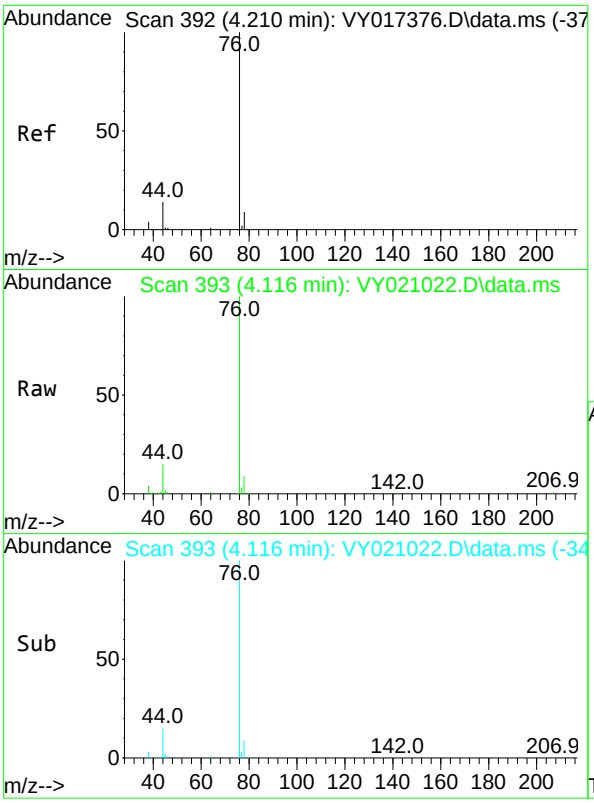


#16
Acetone
Concen: 133.874 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 43 Resp: 28518

Ion	Ratio	Lower	Upper
43	100		
58	32.4	28.4	42.6



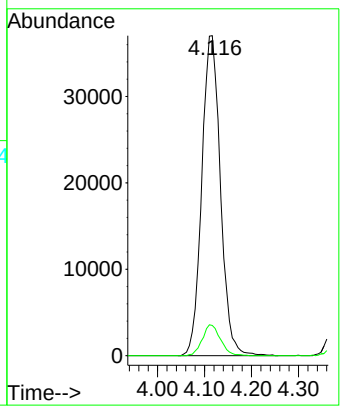


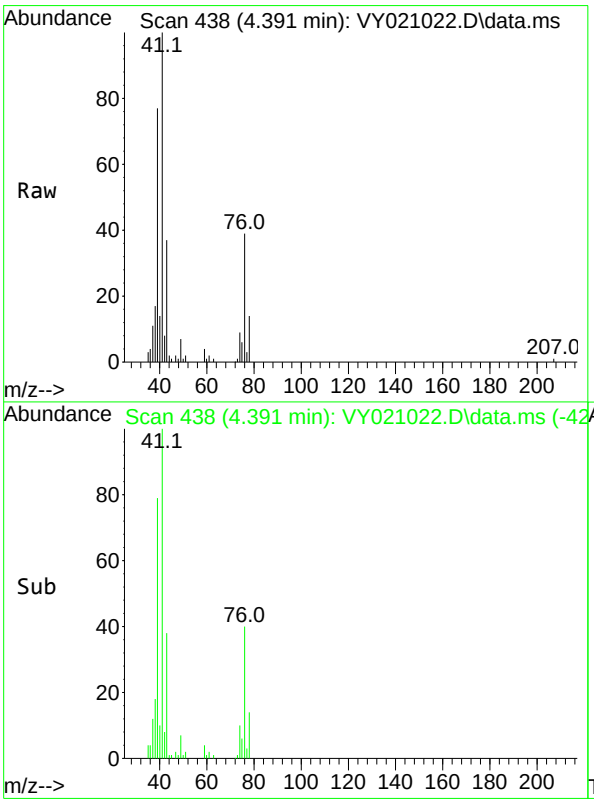
#17
Carbon Disulfide
Concen: 21.308 ug/l
RT: 4.116 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 101973

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.3	10.9

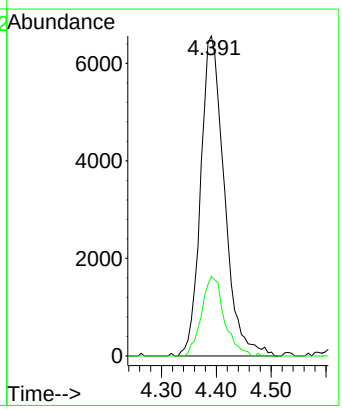


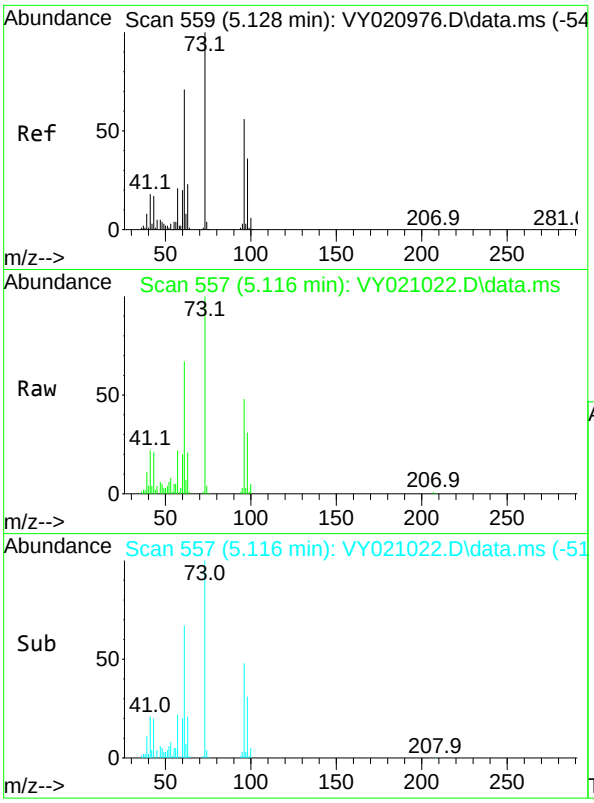


#18
Methyl Acetate
Concen: 26.393 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 43 Resp: 19673

Ion	Ratio	Lower	Upper
43	100		
74	23.8	22.2	33.4



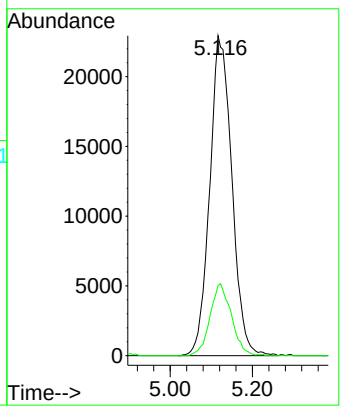


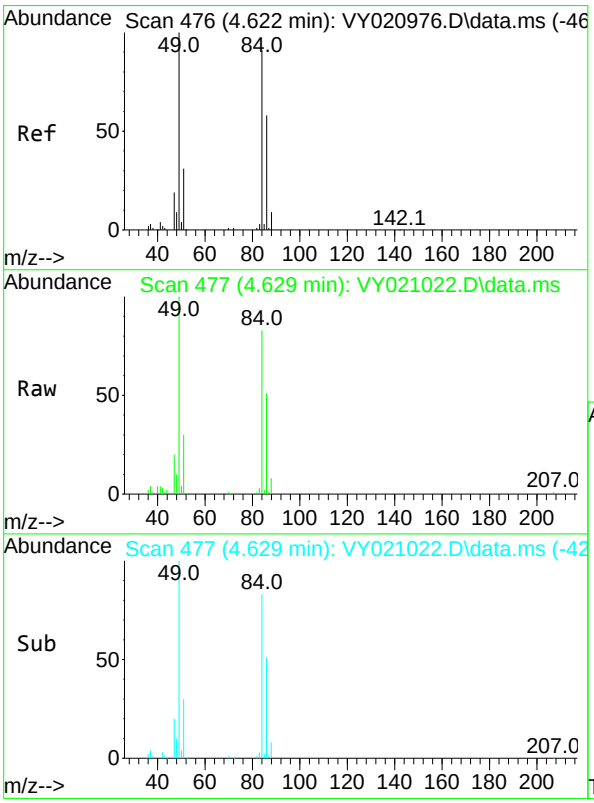
#19
Methyl tert-butyl Ether
Concen: 23.710 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 85748

Ion	Ratio	Lower	Upper
73	100		
57	21.9	16.6	25.0

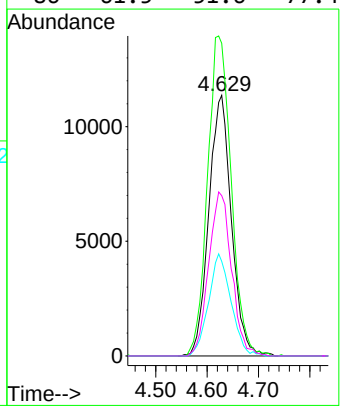


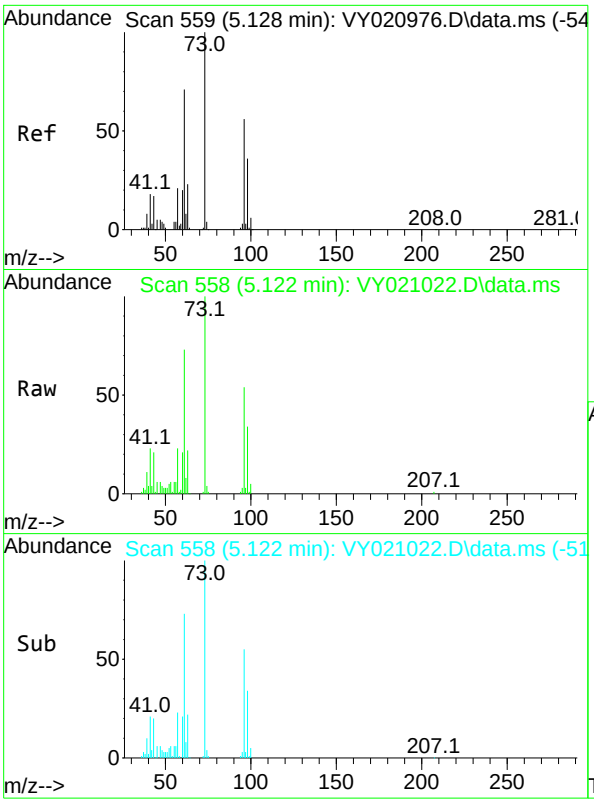


#20
Methylene Chloride
Concen: 22.087 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 84 Resp: 34701

Ion	Ratio	Lower	Upper
84	100		
49	120.0	88.3	132.5
51	36.3	27.7	41.5
86	61.5	51.6	77.4



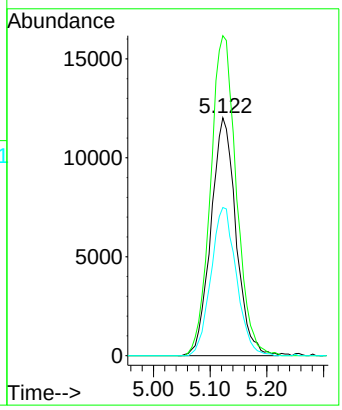


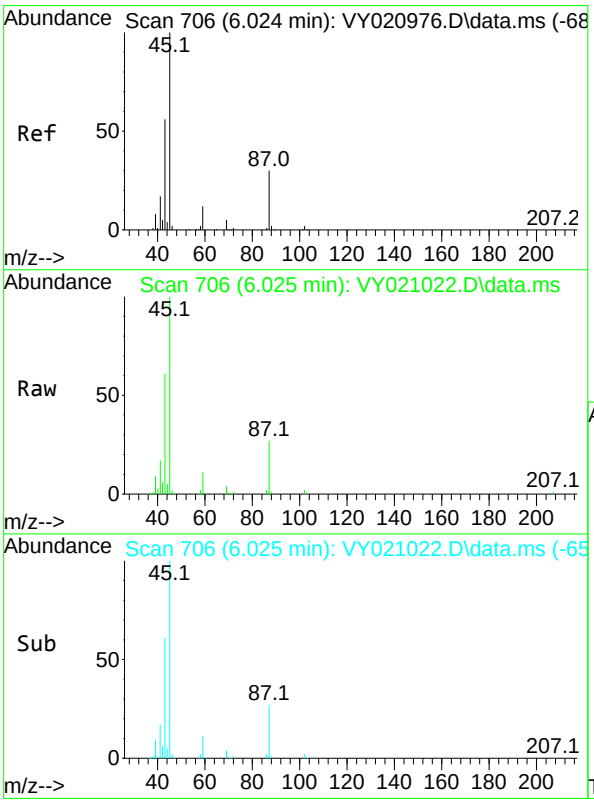
#21
trans-1,2-Dichloroethene
Concen: 22.137 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 36879

Ion	Ratio	Lower	Upper
96	100		
61	134.5	101.5	152.3
98	62.3	52.0	78.0

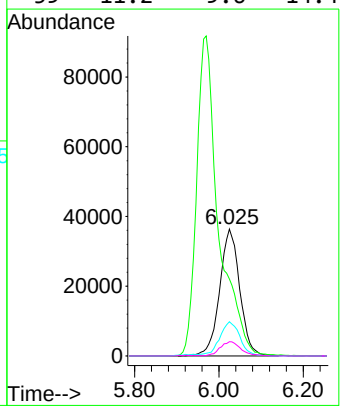


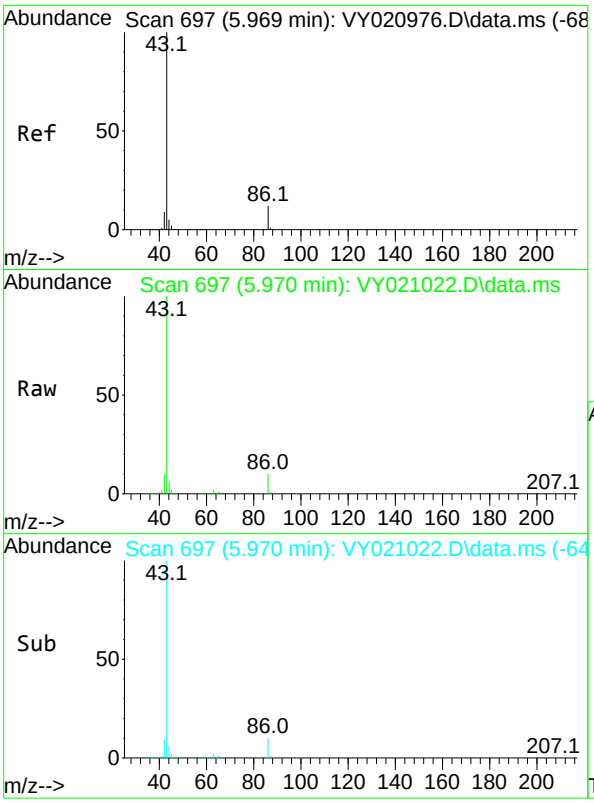


#22
Diisopropyl ether
Concen: 27.585 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 45 Resp: 120281

Ion	Ratio	Lower	Upper
45	100		
43	60.3	45.1	67.7
87	27.0	25.0	37.4
59	11.2	9.6	14.4



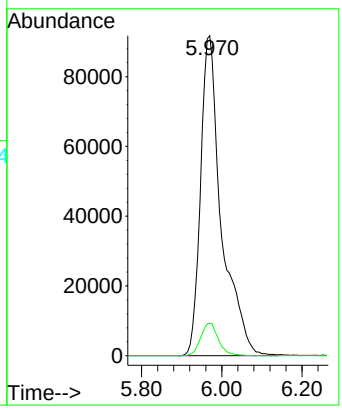


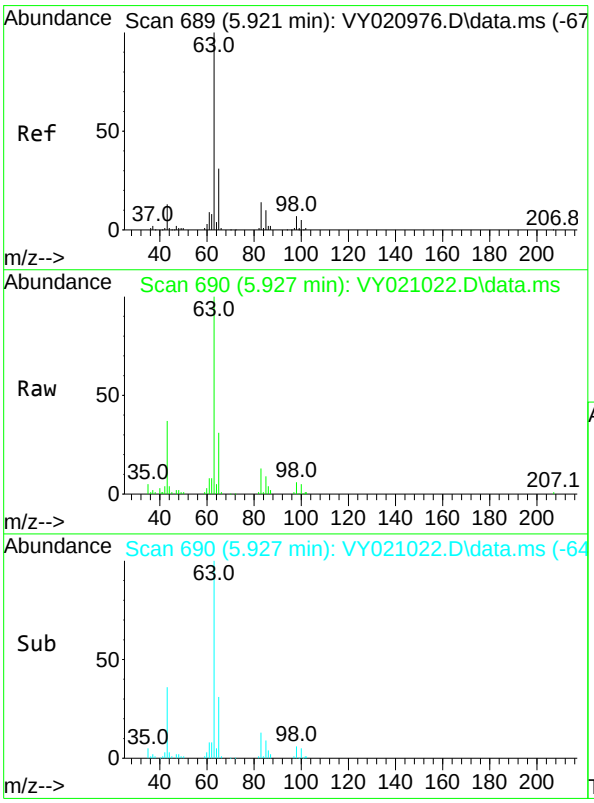
#23
Vinyl Acetate
Concen: 137.224 ug/l
RT: 5.970 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 331355

Ion	Ratio	Lower	Upper
43	100		
86	10.1	9.7	14.5

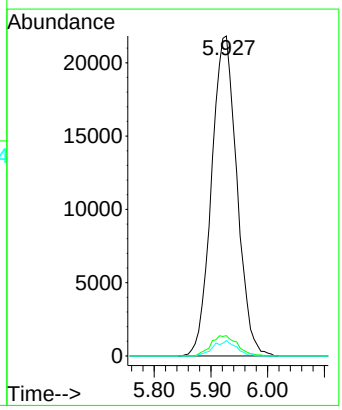


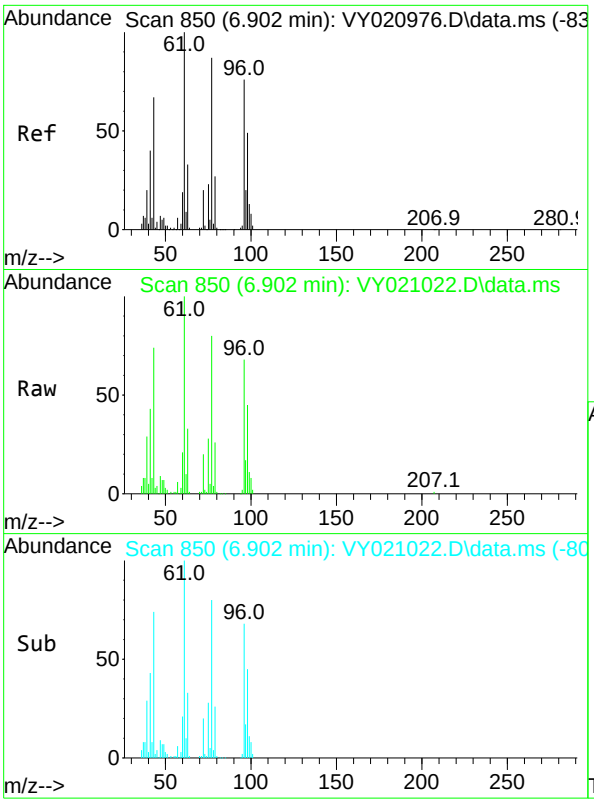


#24
1,1-Dichloroethane
Concen: 24.102 ug/l
RT: 5.927 min Scan# 690
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 63 Resp: 67799

Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.7	11.1
100	4.8	2.4	7.2



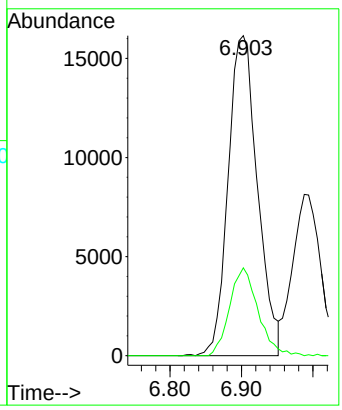


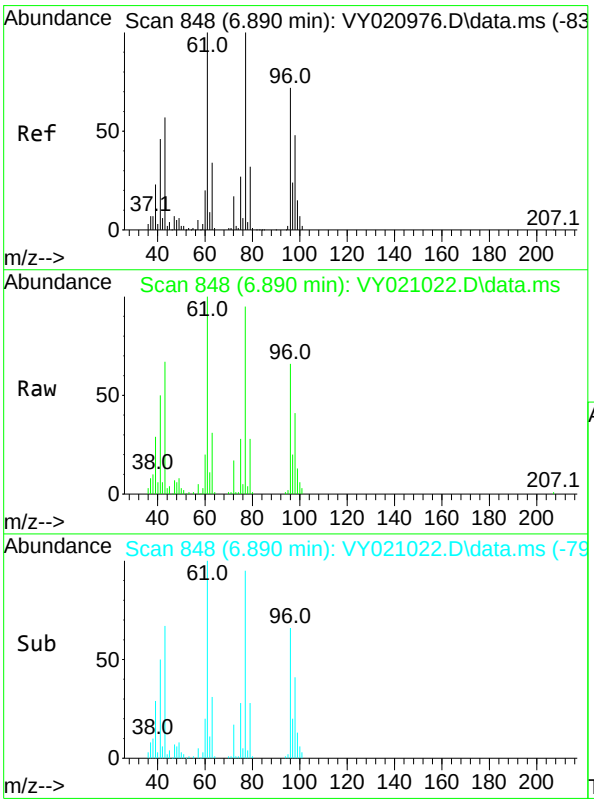
#25
2-Butanone
Concen: 127.520 ug/l
RT: 6.902 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 46083

Ion	Ratio	Lower	Upper
43	100		
72	27.5	24.3	36.5

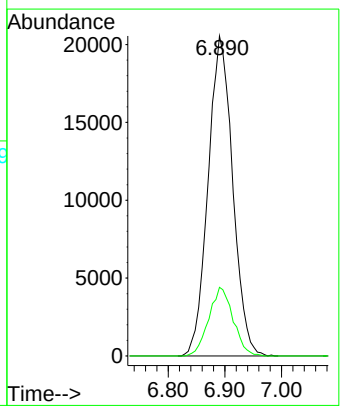


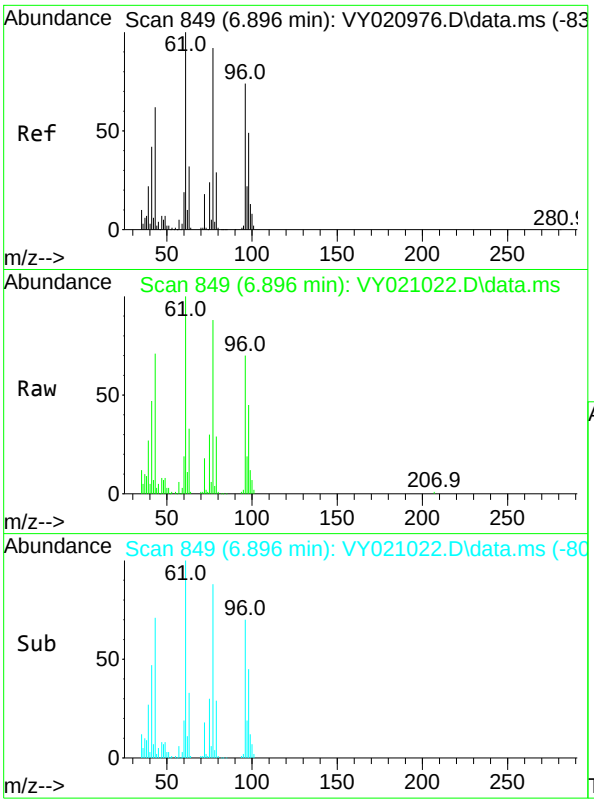


#26
2,2-Dichloropropane
Concen: 22.336 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 77 Resp: 61862

Ion	Ratio	Lower	Upper
77	100		
97	21.3	11.4	34.2



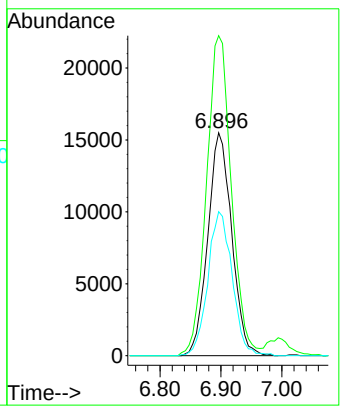


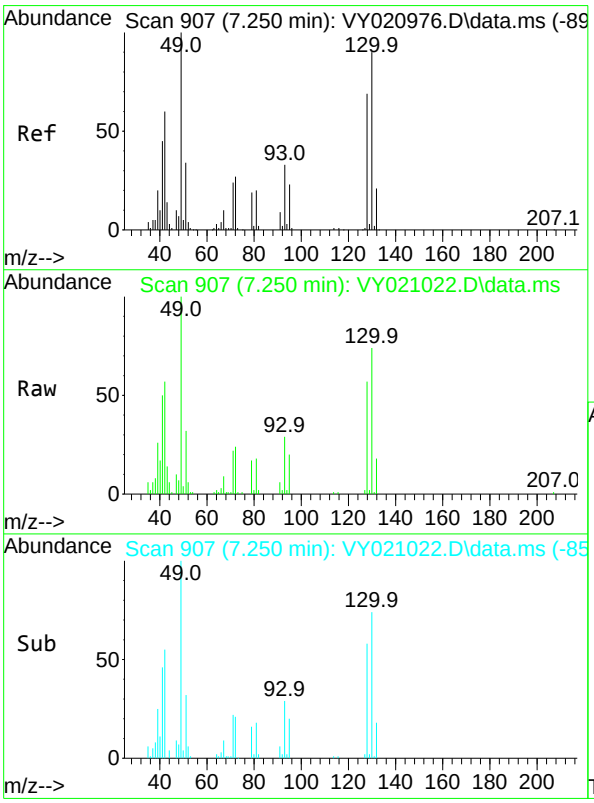
#27
cis-1,2-Dichloroethene
Concen: 22.120 ug/l
RT: 6.896 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 42356

Ion	Ratio	Lower	Upper
96	100		
61	148.6	0.0	274.0
98	65.6	0.0	130.4

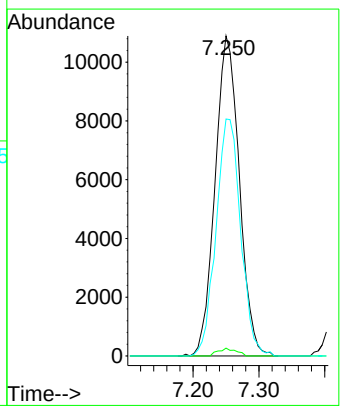


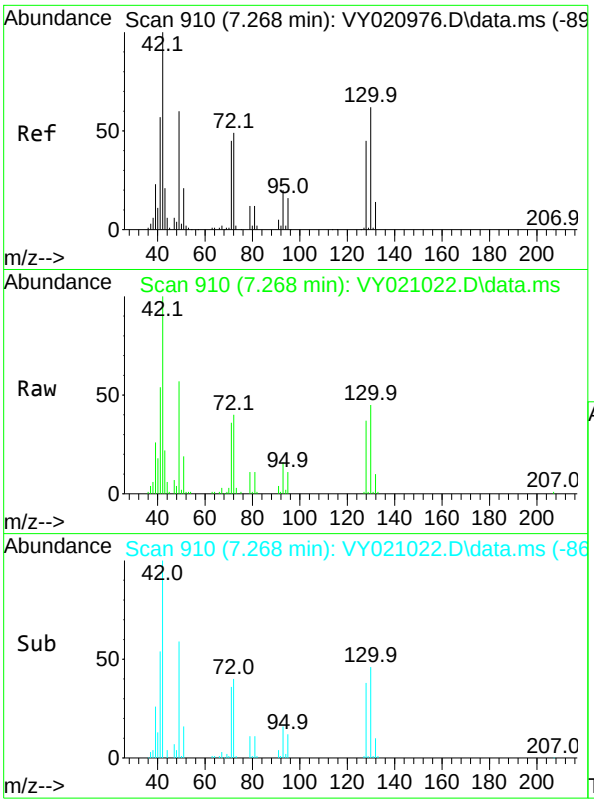


#28
Bromochloromethane
Concen: 26.684 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 49 Resp: 27966

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	5.0
130	75.3	73.2	109.8



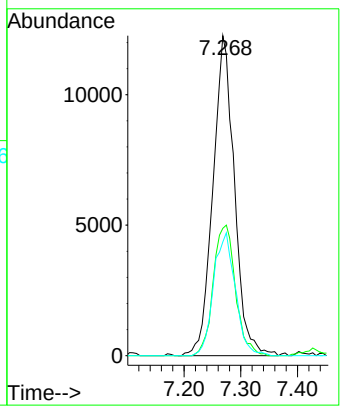


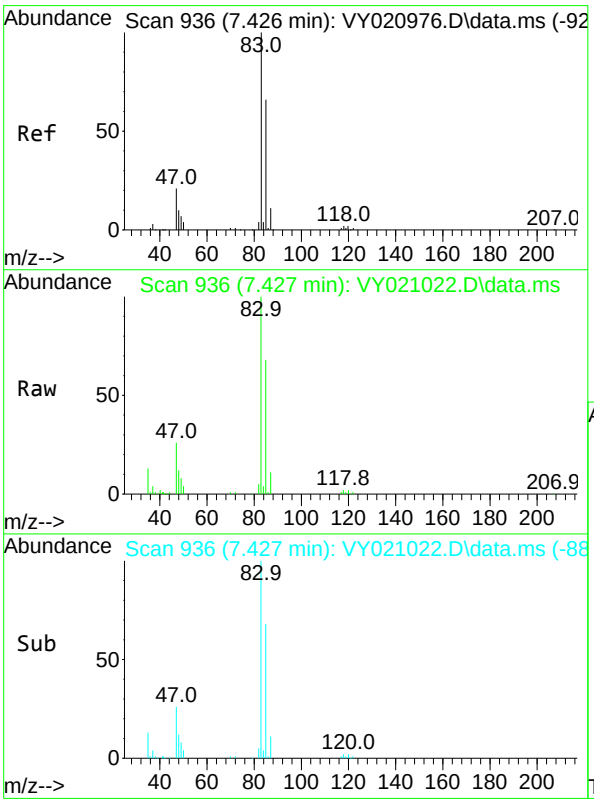
#29
Tetrahydrofuran
Concen: 132.707 ug/l
RT: 7.268 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 42 Resp: 32271

Ion	Ratio	Lower	Upper
42	100		
72	42.2	39.3	58.9
71	39.0	36.1	54.1

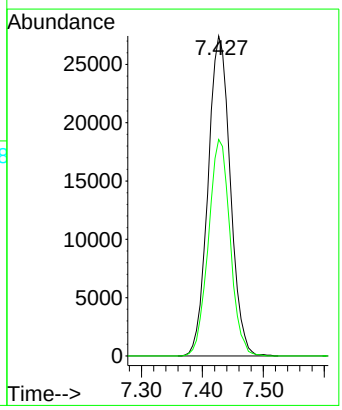


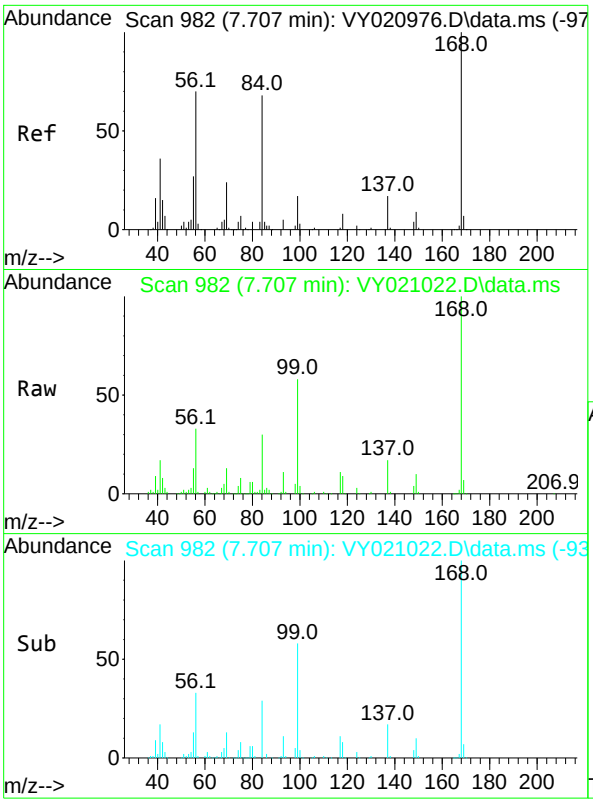


#30
Chloroform
Concen: 22.832 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 83 Resp: 69562

Ion	Ratio	Lower	Upper
83	100		
85	67.7	52.9	79.3



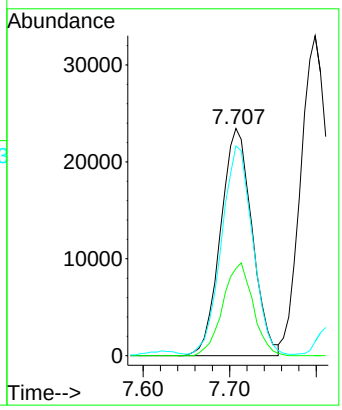


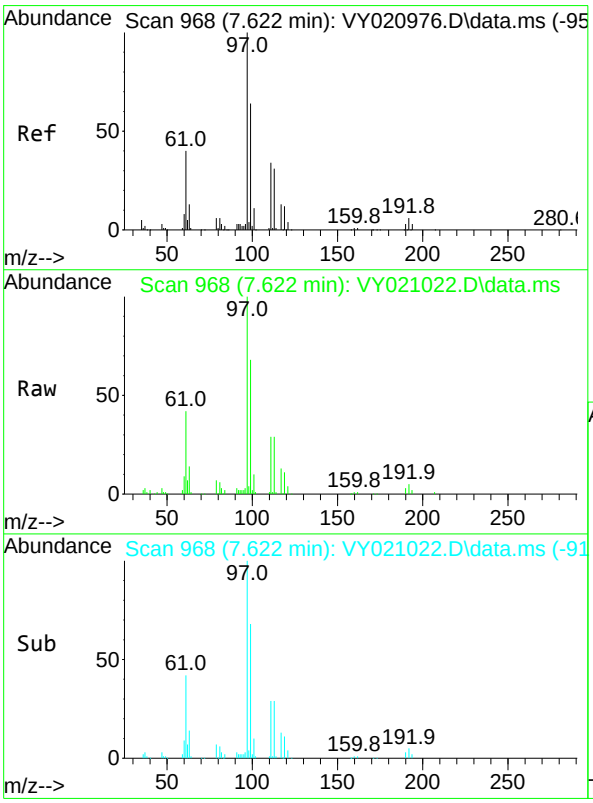
#31
Cyclohexane
Concen: 21.556 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 59268

Ion	Ratio	Lower	Upper
56	100		
69	38.4	27.7	41.5
84	91.2	77.5	116.3

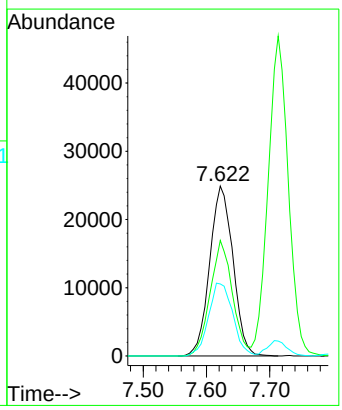


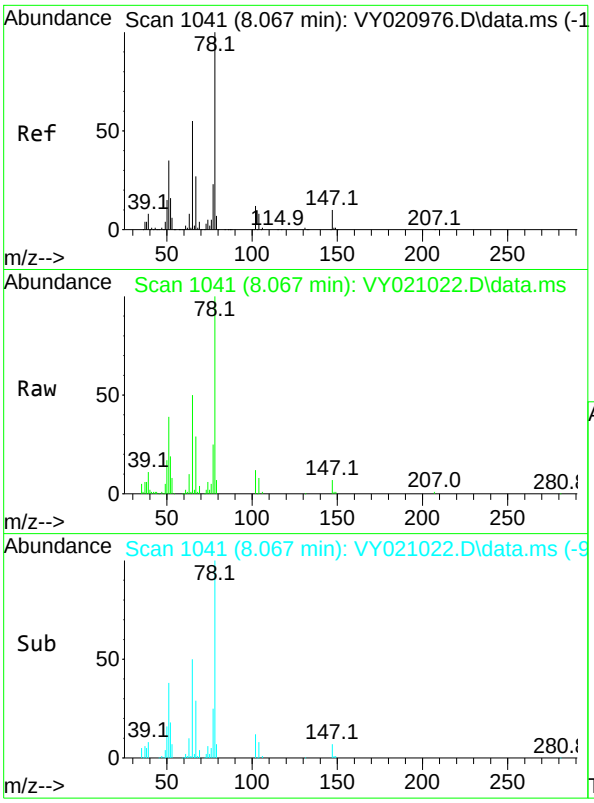


#32
1,1,1-Trichloroethane
Concen: 21.585 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 97 Resp: 63645

Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.4	77.0
61	44.5	31.4	47.0



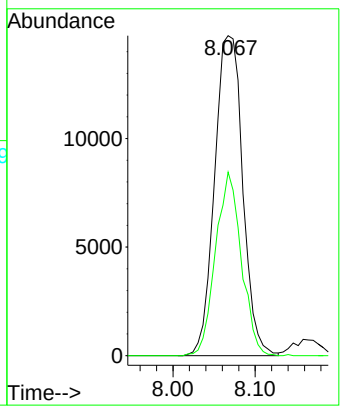


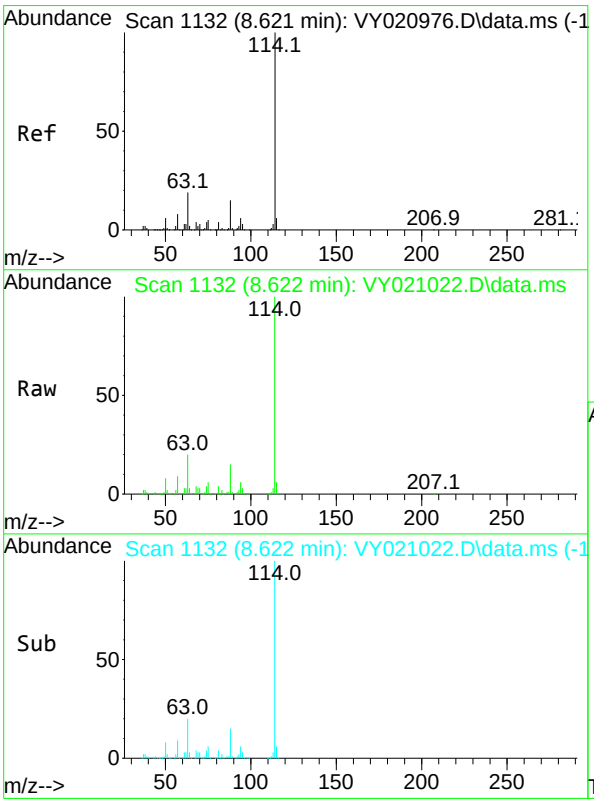
#33
1,2-Dichloroethane-d4
Concen: 22.450 ug/l
RT: 8.067 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 65 Resp: 35087

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.4

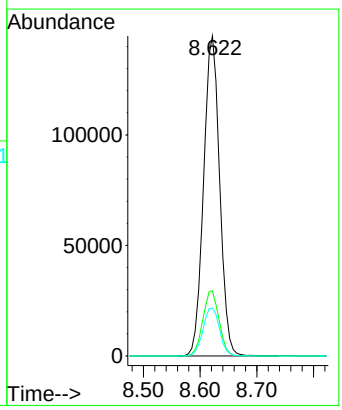


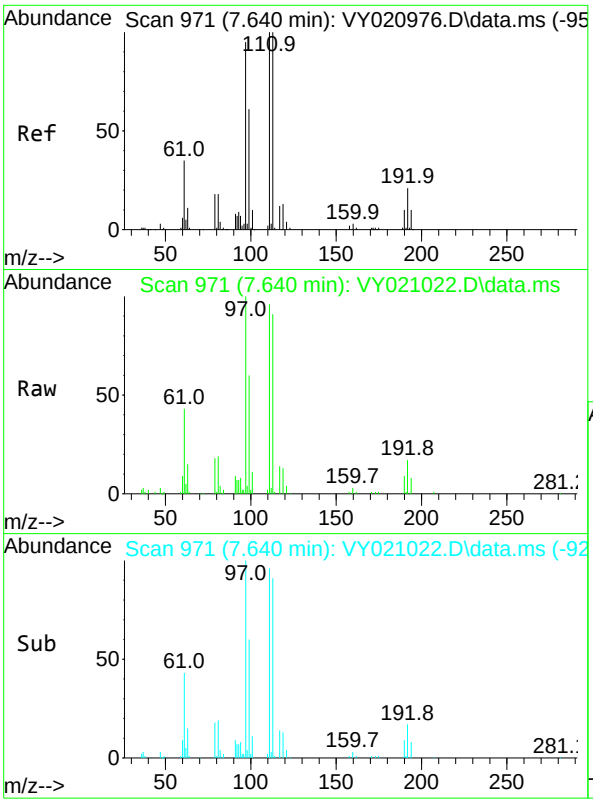


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:114 Resp: 284501

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	37.2
88	15.0	0.0	29.6



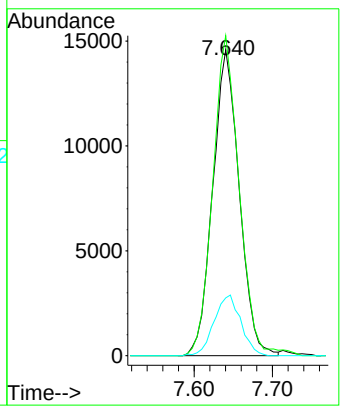


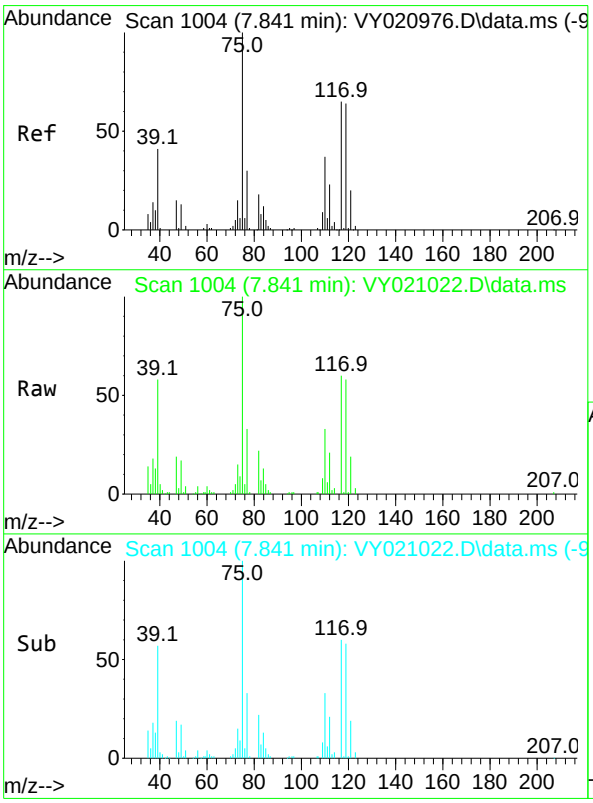
#35
Dibromofluoromethane
Concen: 20.042 ug/l
RT: 7.640 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:113 Resp: 34279

Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.6	123.8
192	20.0	16.8	25.2

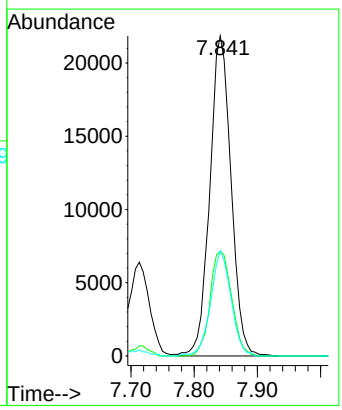


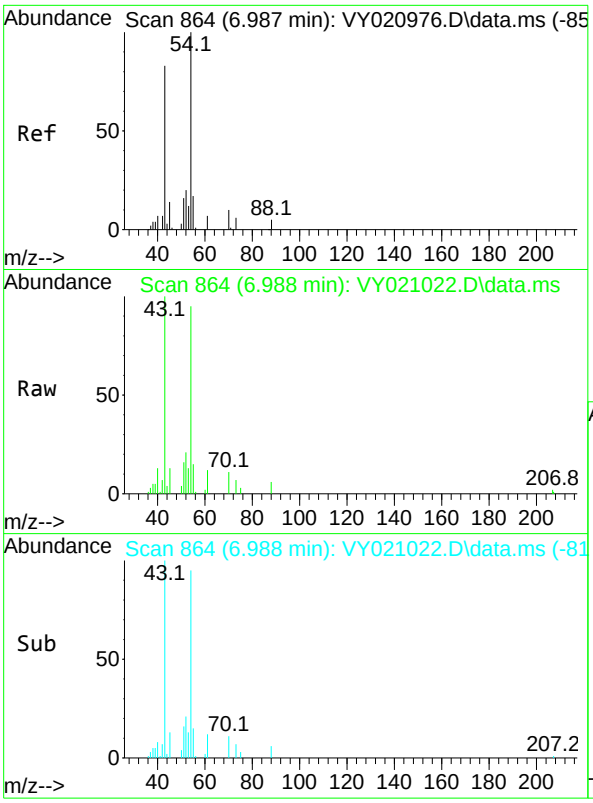


#36
1,1-Dichloropropene
Concen: 20.868 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 75 Resp: 50918

Ion	Ratio	Lower	Upper
75	100		
110	33.3	18.4	55.2
77	31.6	24.9	37.3



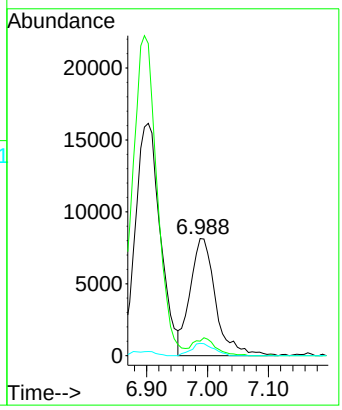


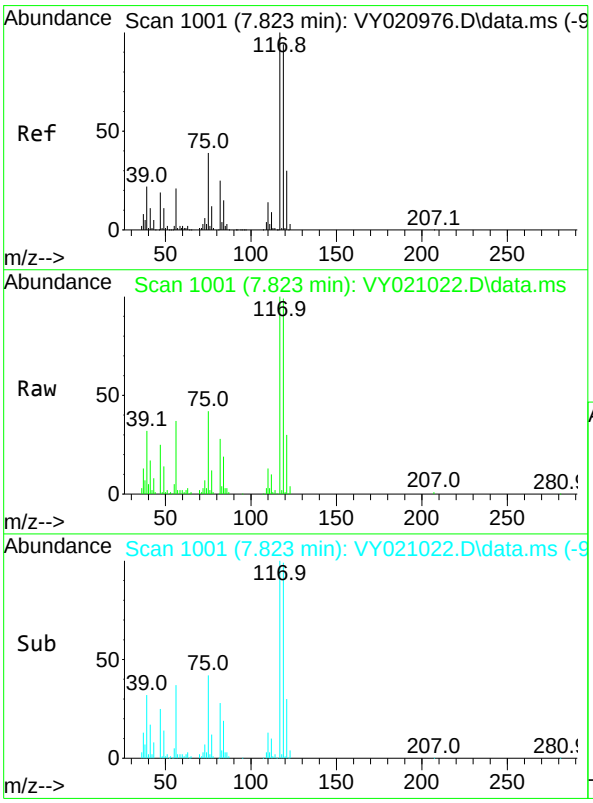
#37
Ethyl Acetate
Concen: 26.080 ug/l
RT: 6.988 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 23724

Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.4	17.0
70	9.2	9.6	14.4#

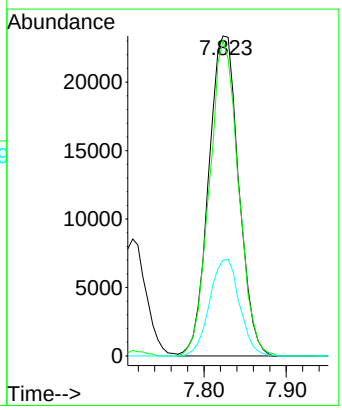


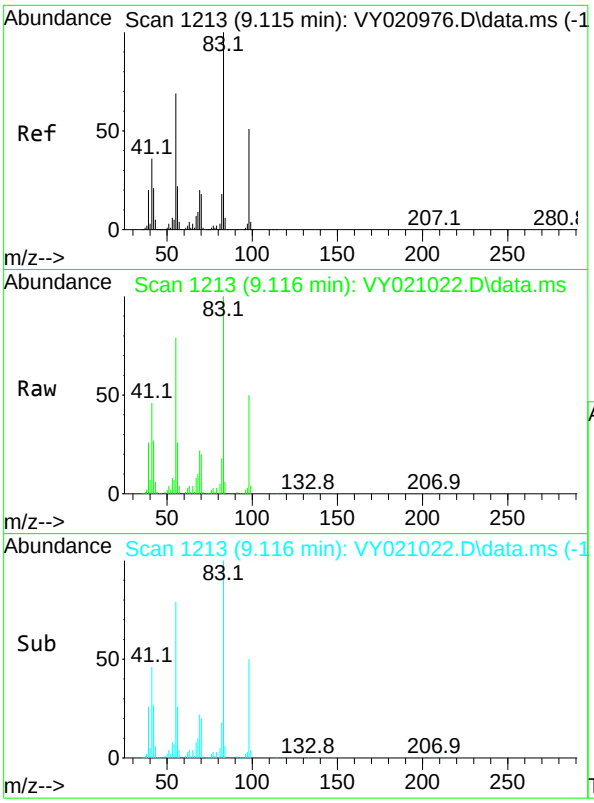


#38
Carbon Tetrachloride
Concen: 19.683 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:117 Resp: 59433

Ion	Ratio	Lower	Upper
117	100		
119	98.6	75.0	112.6
121	29.9	24.2	36.2



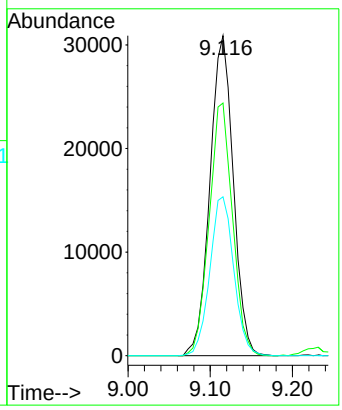


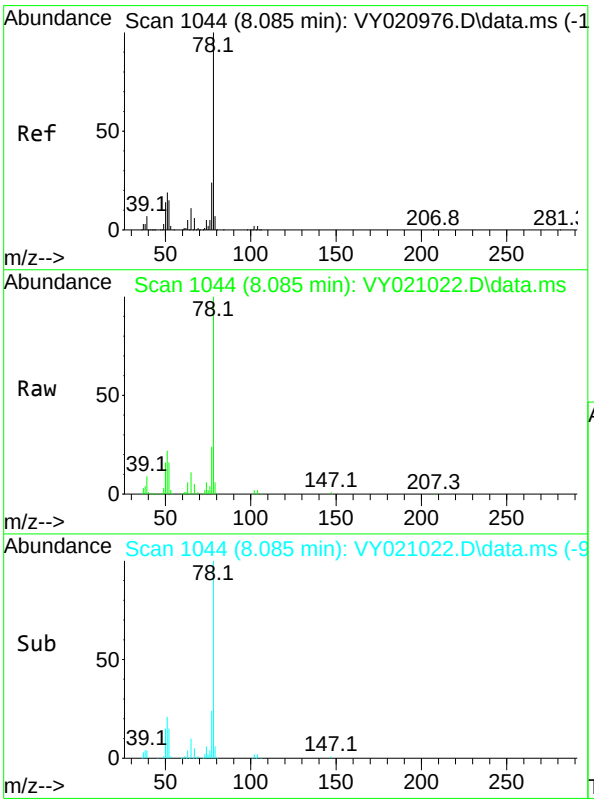
#39
Methylcyclohexane
Concen: 18.619 ug/l
RT: 9.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 61029

Ion	Ratio	Lower	Upper
83	100		
55	78.9	54.9	82.3
98	49.7	40.5	60.7

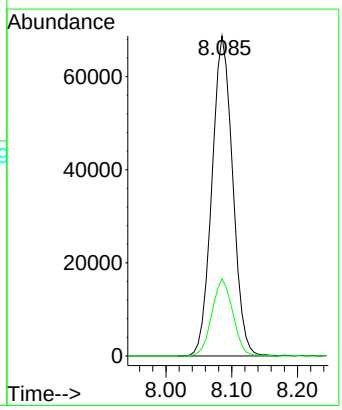


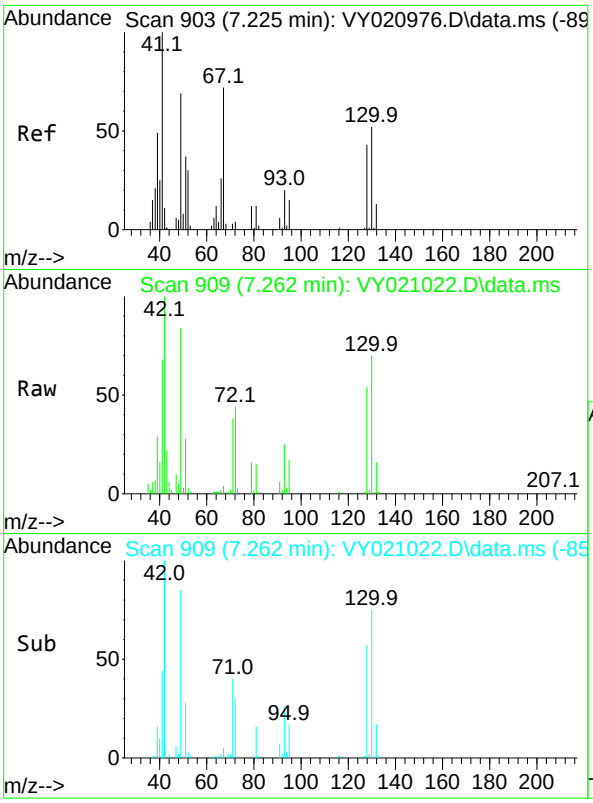


#40
Benzene
Concen: 21.027 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 78 Resp: 150967

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.4	29.2



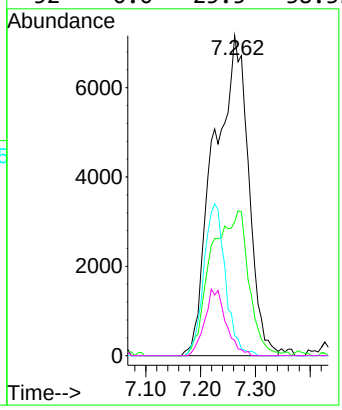


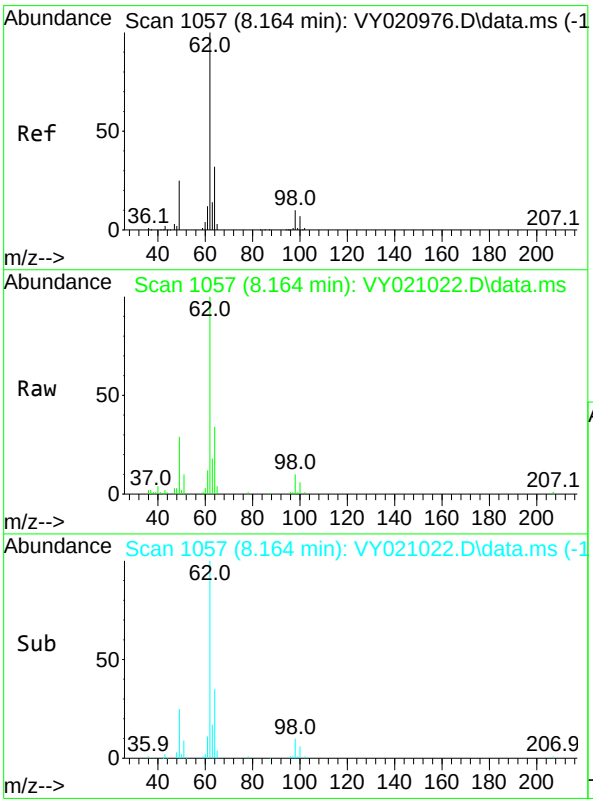
#41
Methacrylonitrile
Concen: 62.491 ug/l
RT: 7.262 min Scan# 9
Delta R.T. 0.037 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 31453

Ion	Ratio	Lower	Upper
41	100		
39	49.2	41.6	62.4
67	0.0	63.8	95.6#
52	0.0	25.5	38.3#

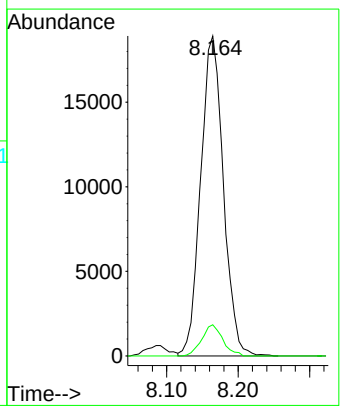


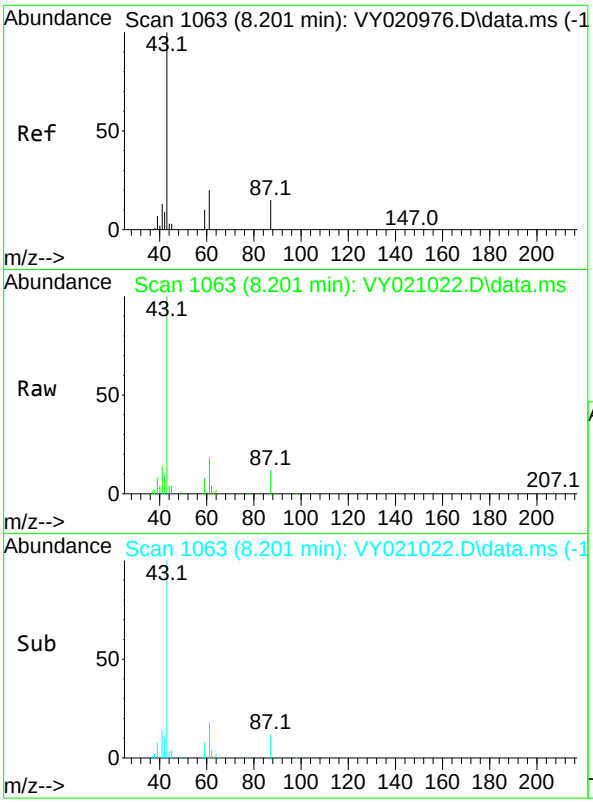


#42
1,2-Dichloroethane
Concen: 22.916 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 62 Resp: 41726

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.4



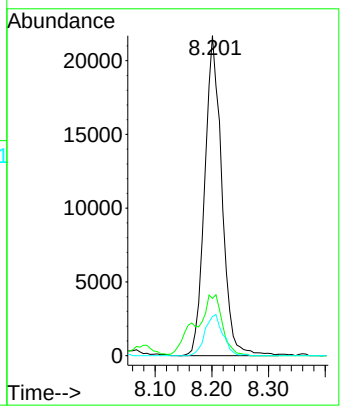


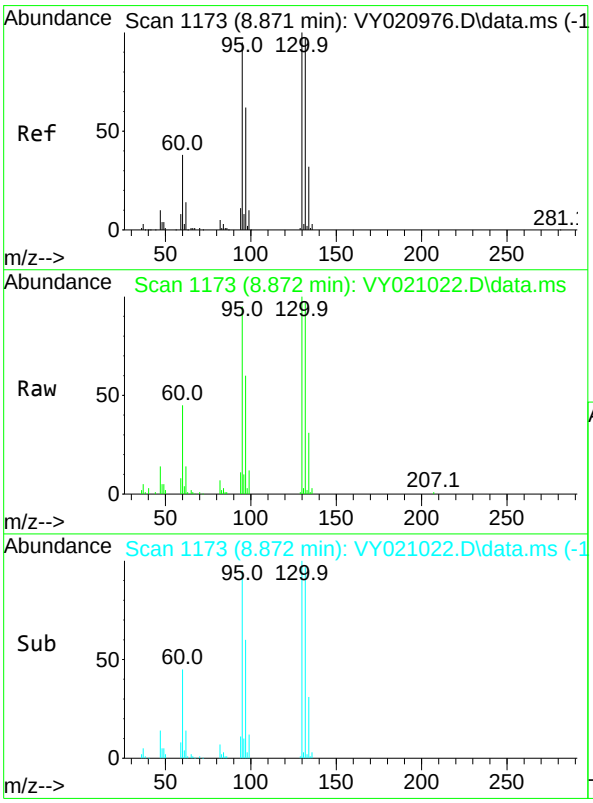
#43
Isopropyl Acetate
Concen: 25.040 ug/l
RT: 8.201 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 45505

Ion	Ratio	Lower	Upper
43	100		
61	20.2	15.8	23.6
87	13.5	12.5	18.7

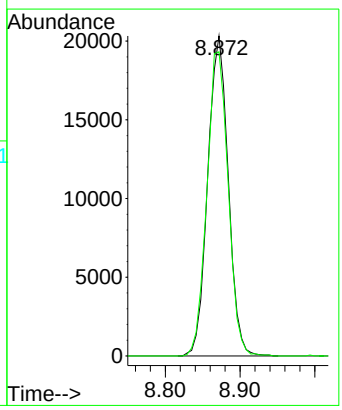


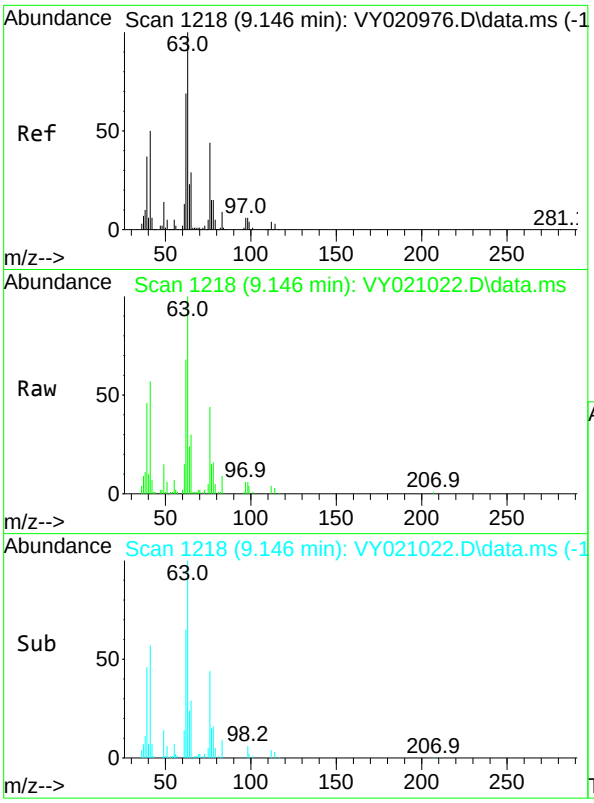


#44
Trichloroethene
Concen: 19.606 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:130 Resp: 38841

Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	189.6



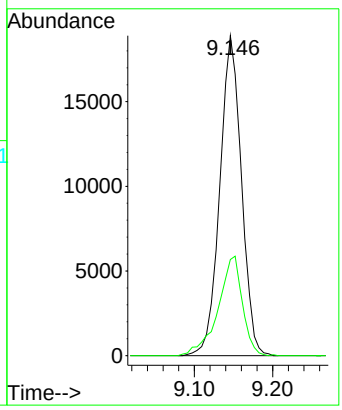


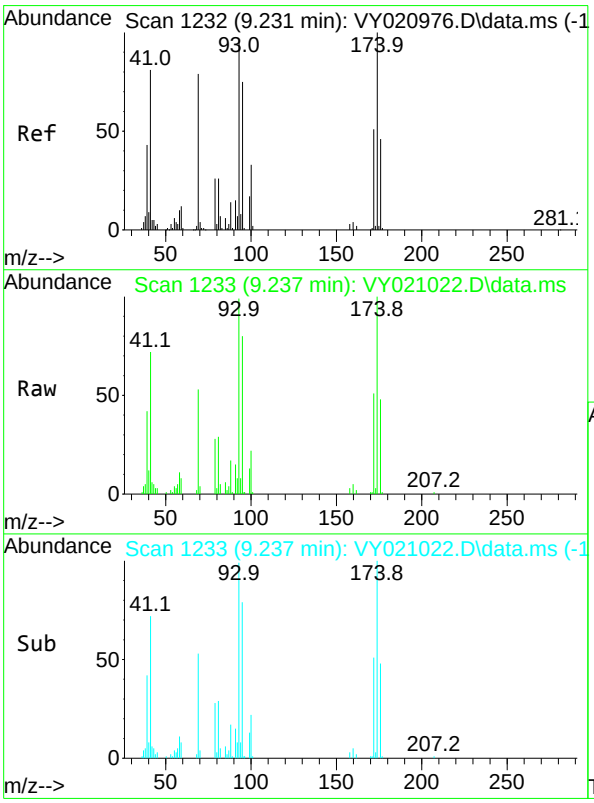
#45
1,2-Dichloropropane
Concen: 22.538 ug/l
RT: 9.146 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 36268

Ion	Ratio	Lower	Upper
63	100		
65	30.0	23.6	35.4

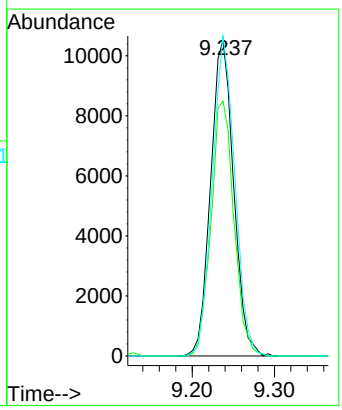


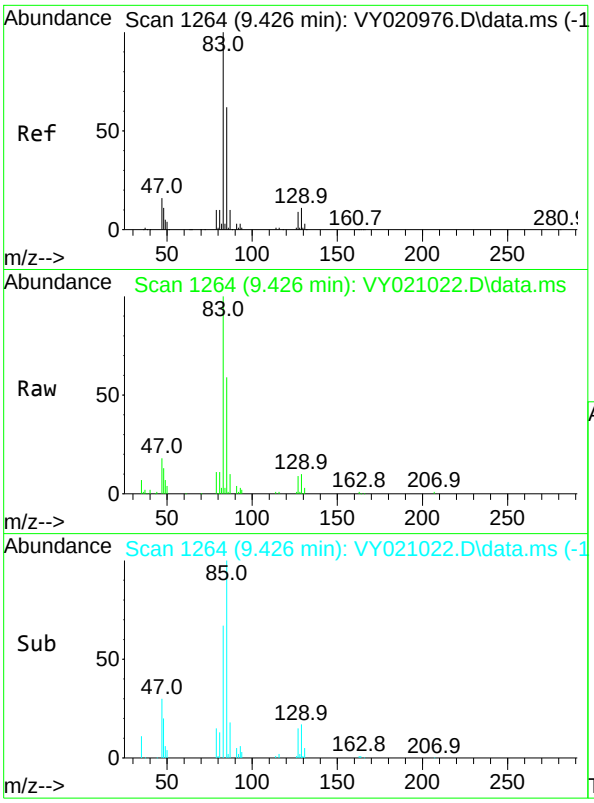


#46
Dibromomethane
Concen: 21.802 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 93 Resp: 20417

Ion	Ratio	Lower	Upper
93	100		
95	80.6	65.8	98.8
174	98.9	88.1	132.1



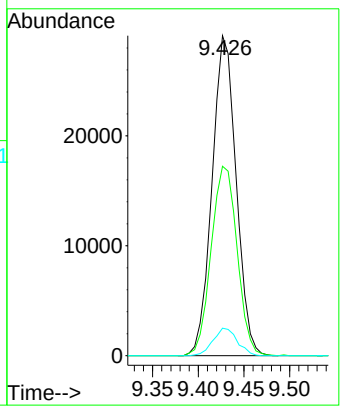


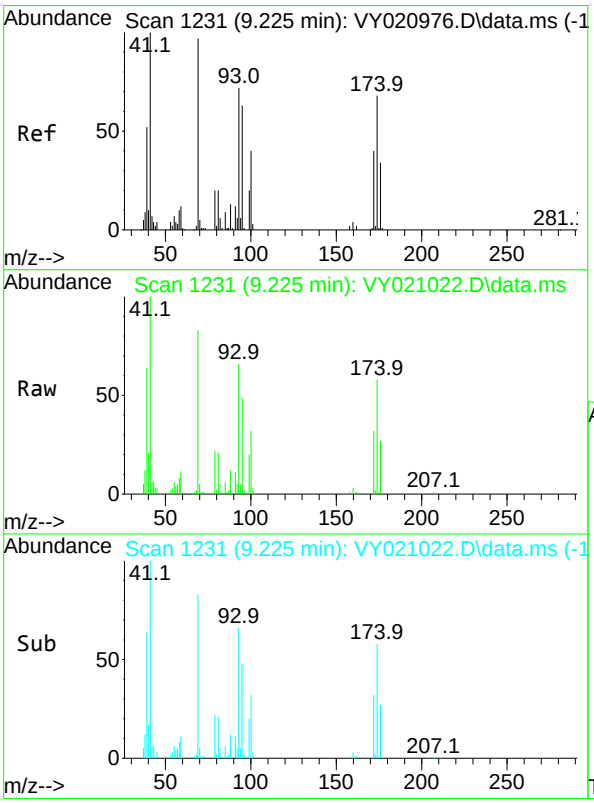
#47
Bromodichloromethane
Concen: 21.723 ug/l
RT: 9.426 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 53424

Ion	Ratio	Lower	Upper
83	100		
85	59.2	49.6	74.4
127	8.6	7.1	10.7

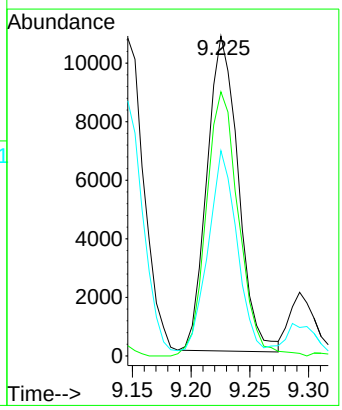


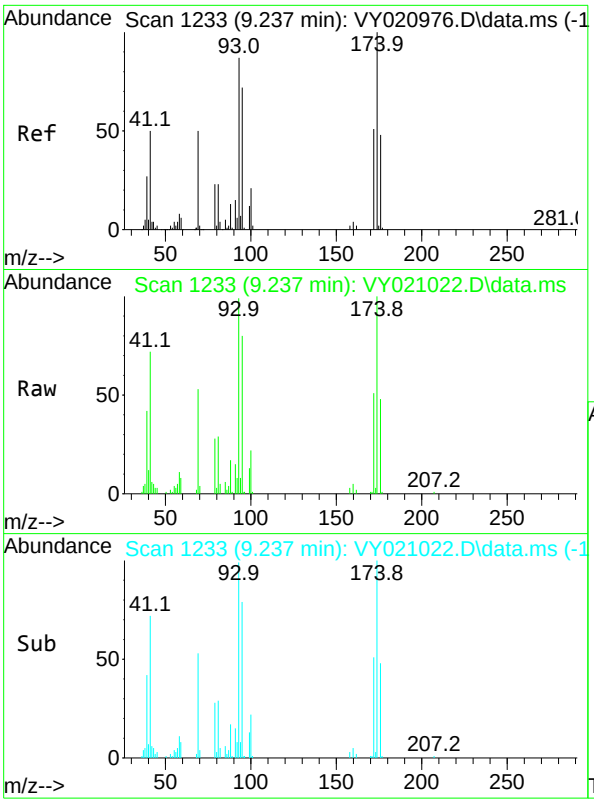


#48
Methyl methacrylate
Concen: 23.066 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 41 Resp: 19957

Ion	Ratio	Lower	Upper
41	100		
69	86.6	75.6	113.4
39	58.1	41.3	61.9



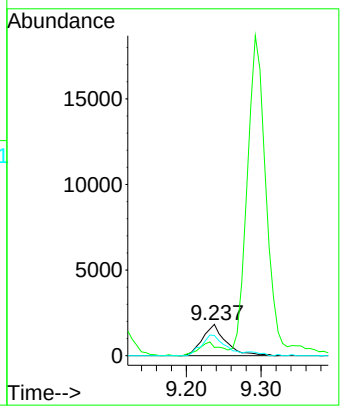


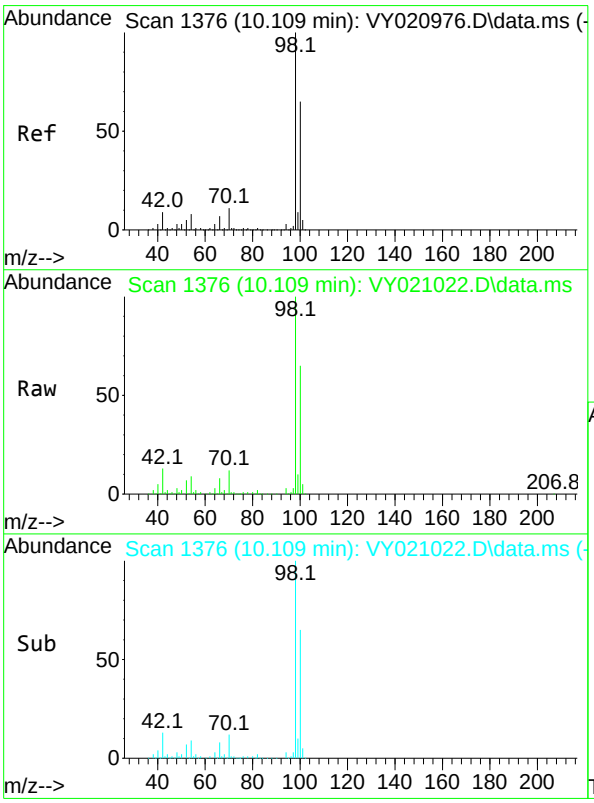
#49
1,4-Dioxane
Concen: 395.839 ug/l
RT: 9.237 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 88 Resp: 3939

Ion	Ratio	Lower	Upper
88	100		
43	40.0	24.2	36.4#
58	66.2	57.3	85.9

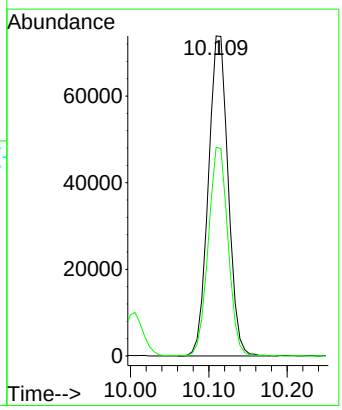


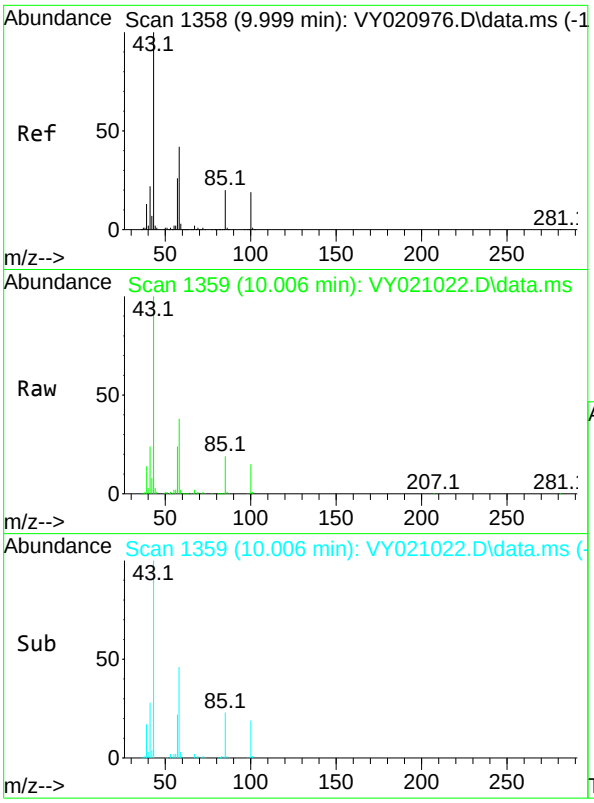


#50
Toluene-d8
Concen: 19.423 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 98 Resp: 129662

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.6	79.0



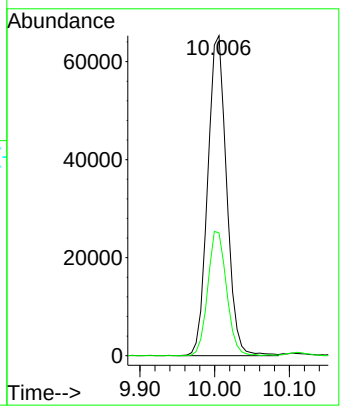


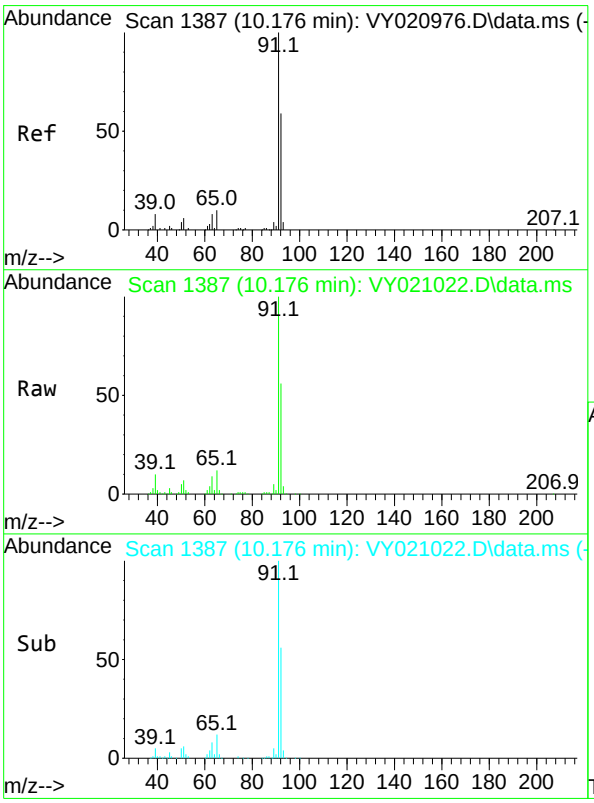
#51
4-Methyl-2-Pentanone
Concen: 122.983 ug/l
RT: 10.006 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 114844

Ion	Ratio	Lower	Upper
43	100		
58	38.6	33.8	50.8

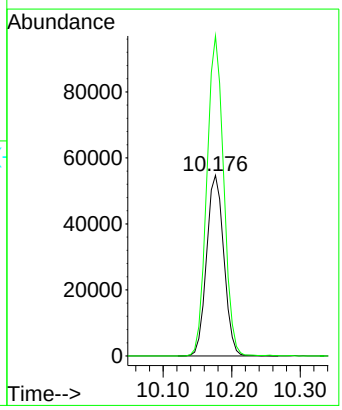


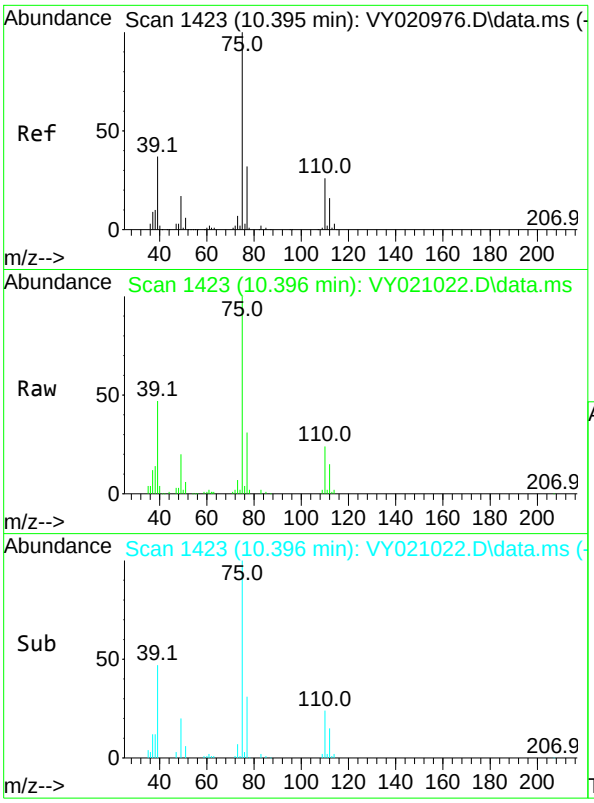


#52
Toluene
Concen: 20.517 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 92 Resp: 95614

Ion	Ratio	Lower	Upper
92	100		
91	172.9	135.8	203.8



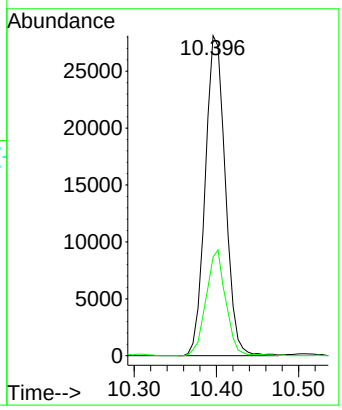


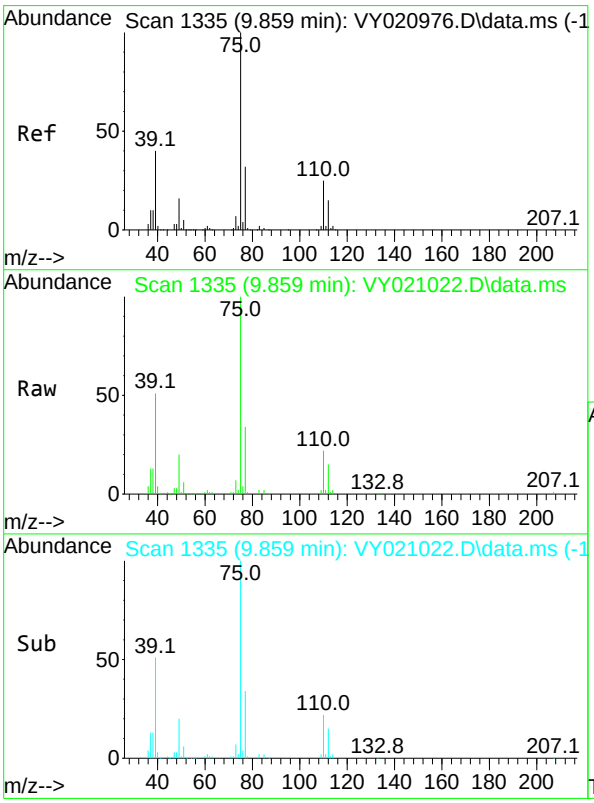
#53
t-1,3-Dichloropropene
Concen: 21.429 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 47690

Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.9	38.9

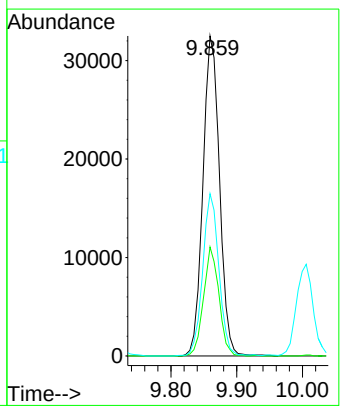


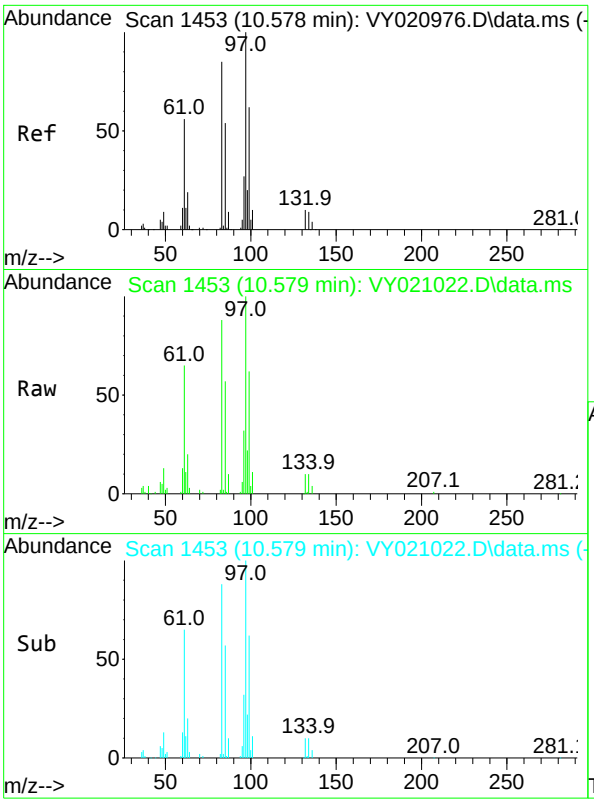


#54
cis-1,3-Dichloropropene
Concen: 21.469 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 75 Resp: 57105

Ion	Ratio	Lower	Upper
75	100		
77	34.1	25.4	38.0
39	50.6	32.2	48.2#



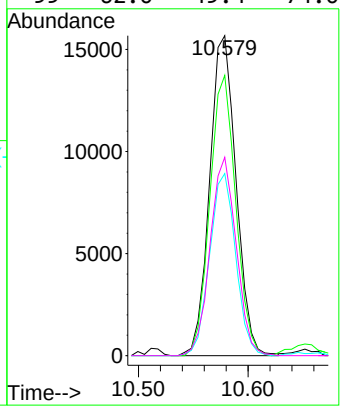


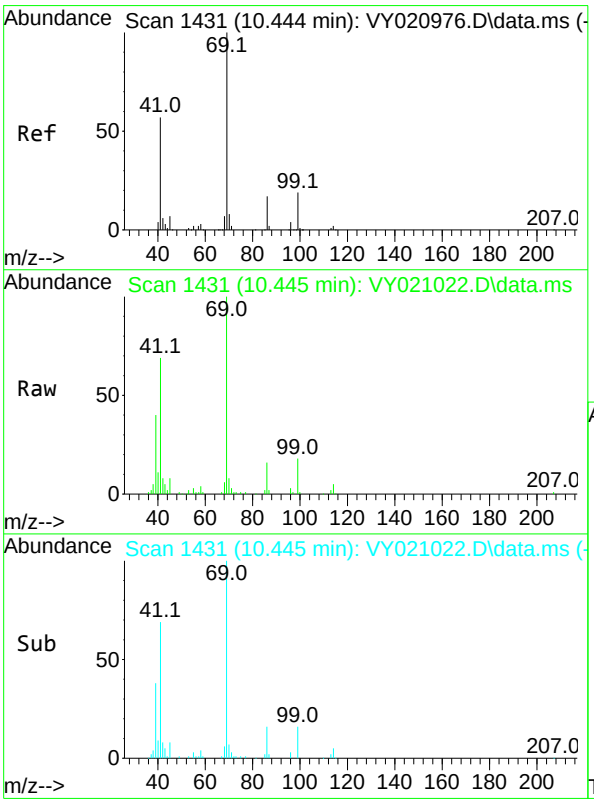
#55
1,1,2-Trichloroethane
Concen: 21.129 ug/l
RT: 10.579 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 97 Resp: 26314

Ion	Ratio	Lower	Upper
97	100		
83	87.6	67.7	101.5
85	56.9	43.4	65.2
99	62.0	49.4	74.0

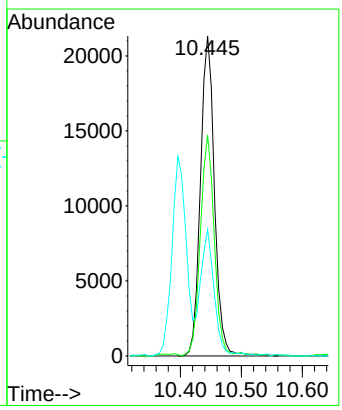


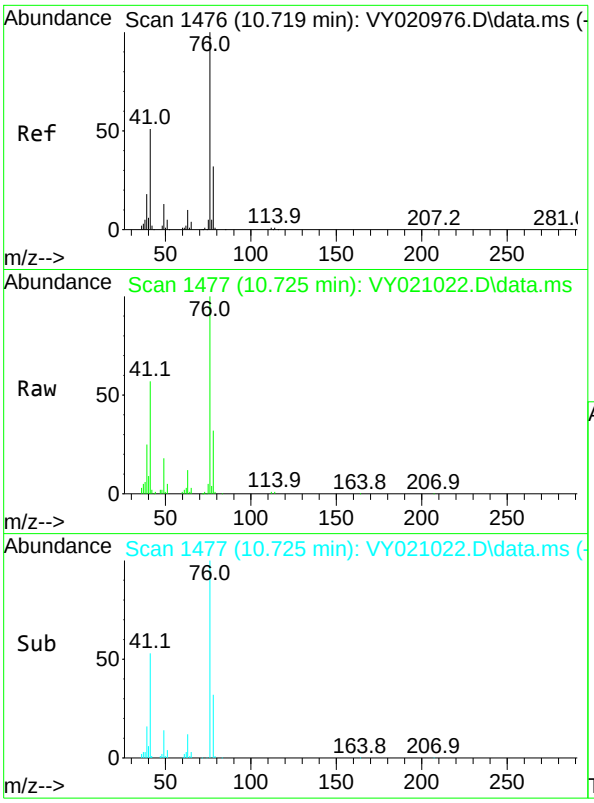


#56
Ethyl methacrylate
Concen: 20.963 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 69 Resp: 34126

Ion	Ratio	Lower	Upper
69	100		
41	68.3	46.3	69.5
39	38.8	24.5	36.7#



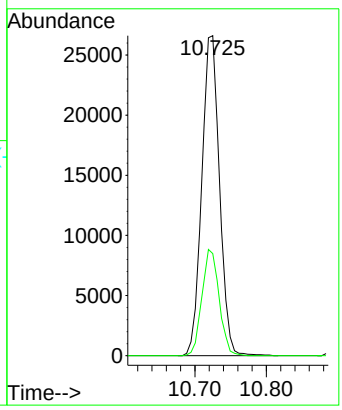


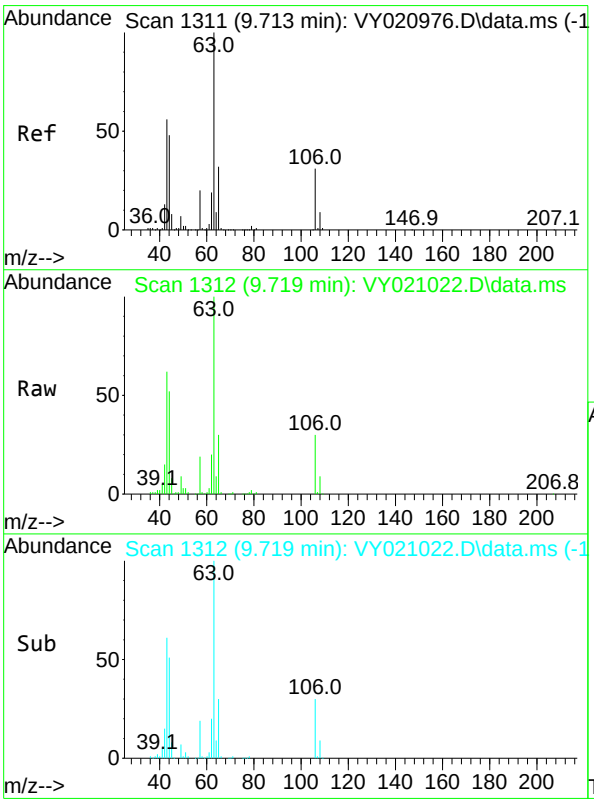
#57
1,3-Dichloropropane
Concen: 21.690 ug/l
RT: 10.725 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 45784

Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.6

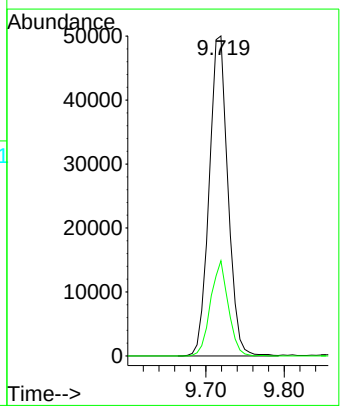


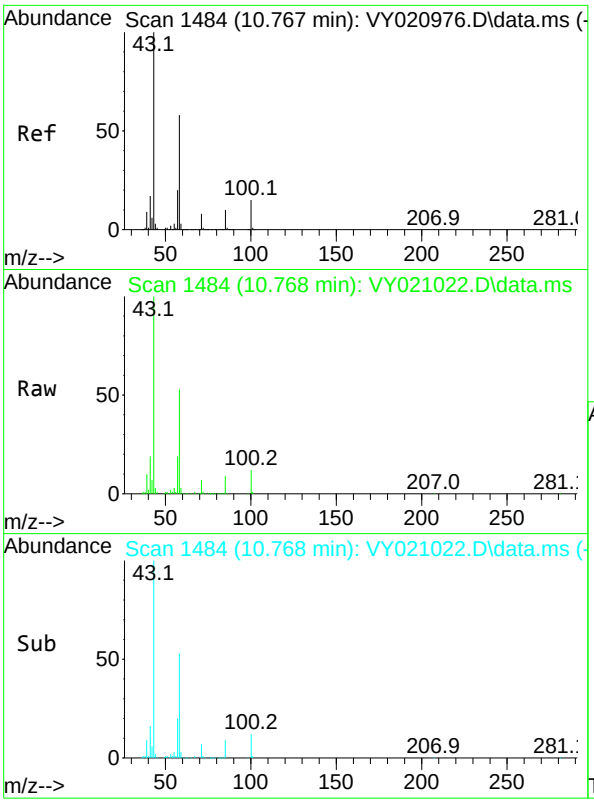


#58
2-Chloroethyl Vinyl ether
Concen: 120.208 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 63 Resp: 83057

Ion	Ratio	Lower	Upper
63	100		
106	28.1	24.7	37.1



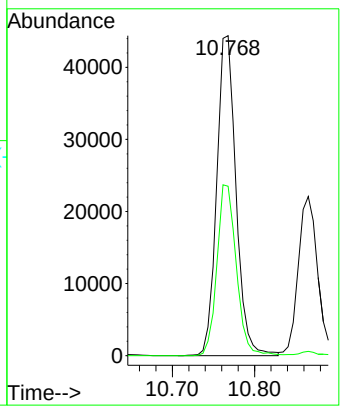


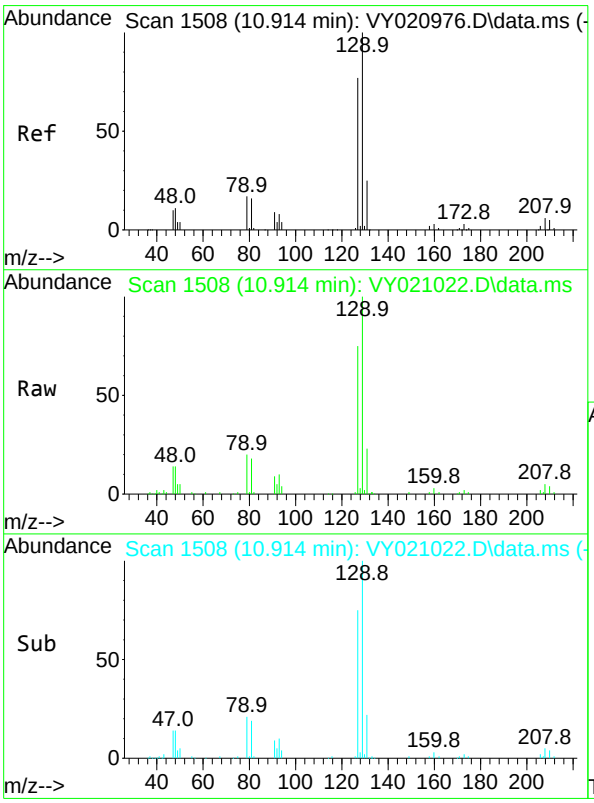
#59
2-Hexanone
Concen: 119.535 ug/l
RT: 10.768 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 72555

Ion	Ratio	Lower	Upper
43	100		
58	53.6	29.8	89.3

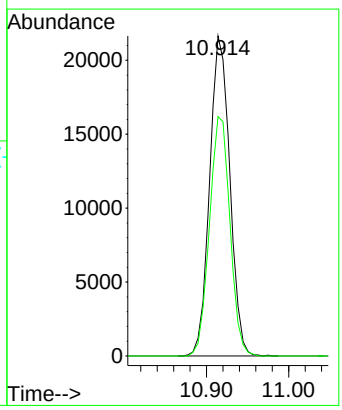


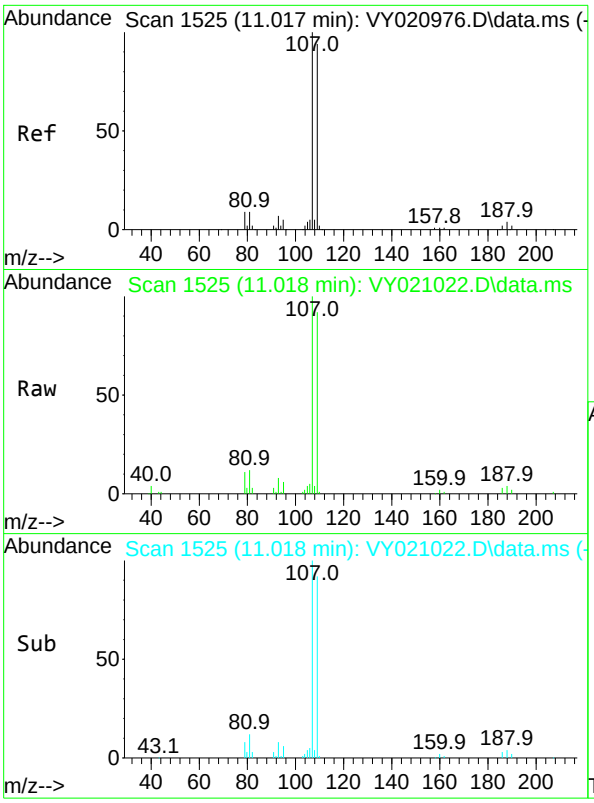


#60
Dibromochloromethane
Concen: 20.754 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:129 Resp: 36853

Ion	Ratio	Lower	Upper
129	100		
127	76.0	38.5	115.3



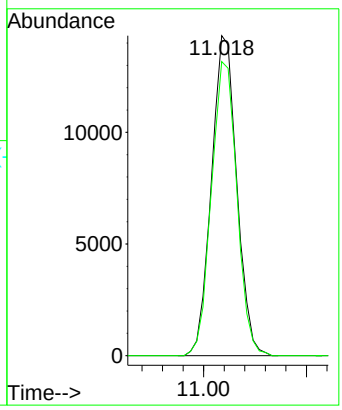


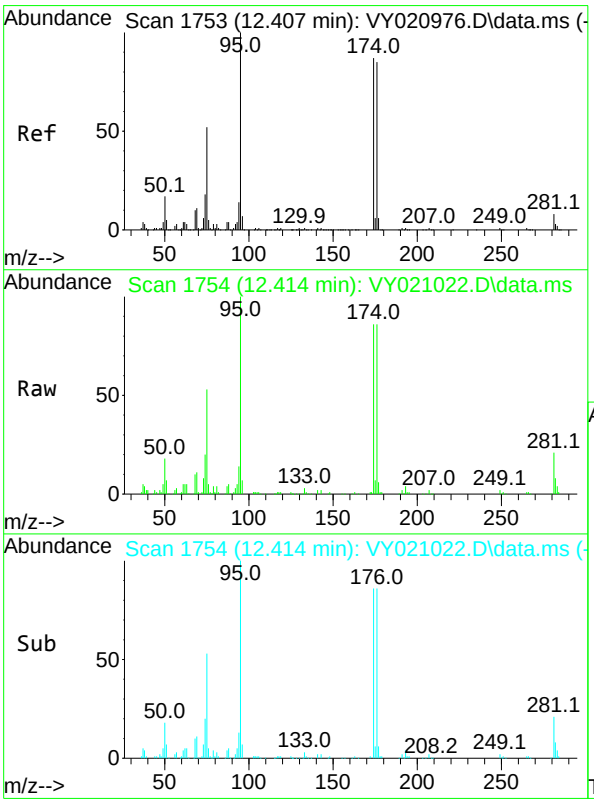
#61
1,2-Dibromoethane
Concen: 20.600 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 24505

Ion	Ratio	Lower	Upper
107	100		
109	92.5	76.6	114.8

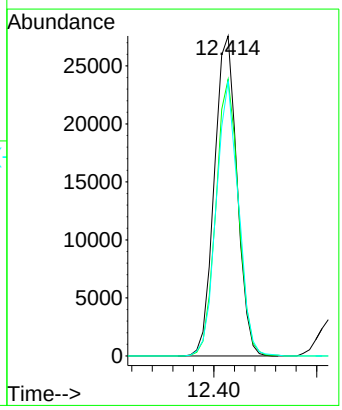


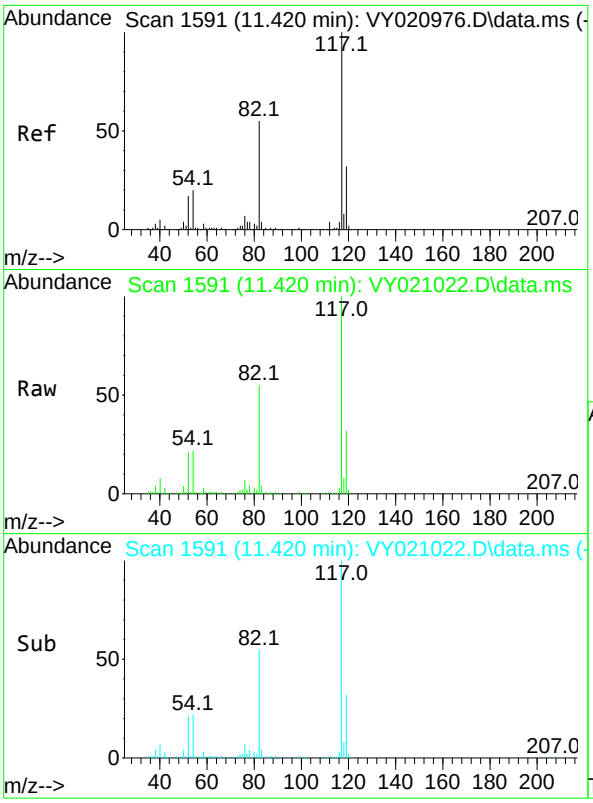


#62
4-Bromofluorobenzene
Concen: 18.831 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 95 Resp: 42182

Ion	Ratio	Lower	Upper
95	100		
174	85.9	0.0	181.2
176	84.1	0.0	175.2



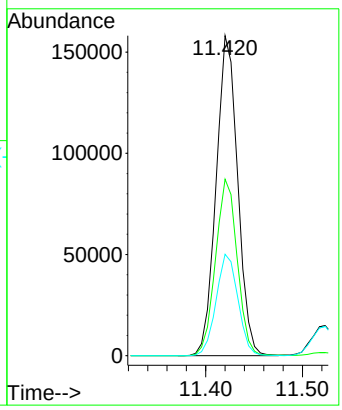


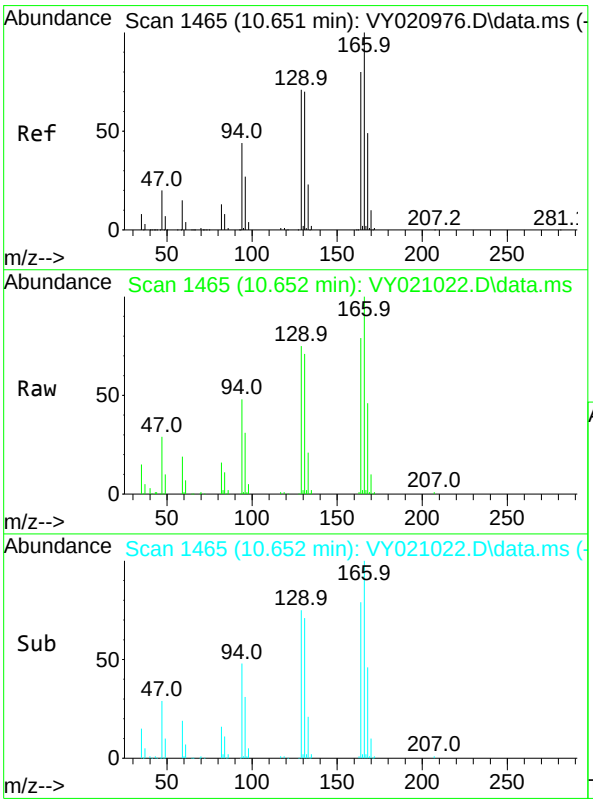
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:117 Resp: 244590

Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.2	66.2
119	31.7	25.9	38.9

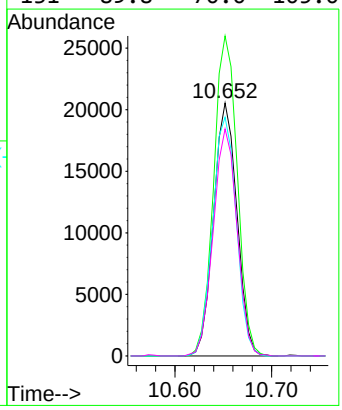


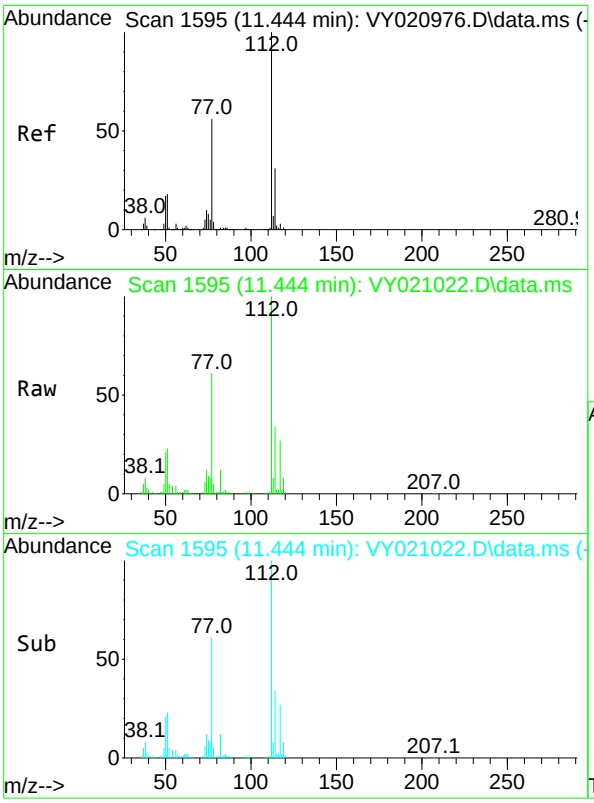


#64
Tetrachloroethene
Concen: 18.655 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:164 Resp: 34418

Ion	Ratio	Lower	Upper
164	100		
166	126.5	100.4	150.6
129	94.4	70.8	106.2
131	89.8	70.0	105.0



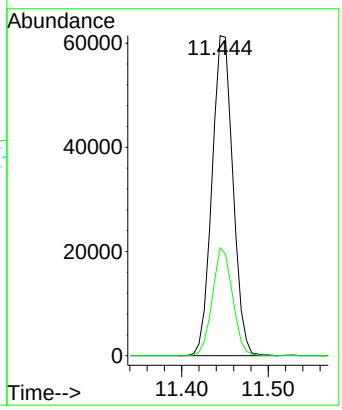


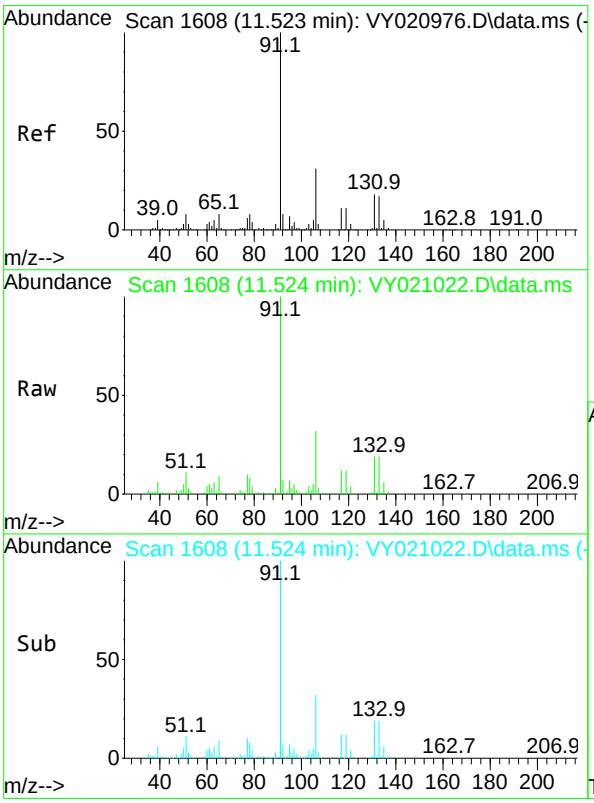
#65
Chlorobenzene
Concen: 20.015 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 103141

Ion	Ratio	Lower	Upper
112	100		
114	33.7	24.6	37.0

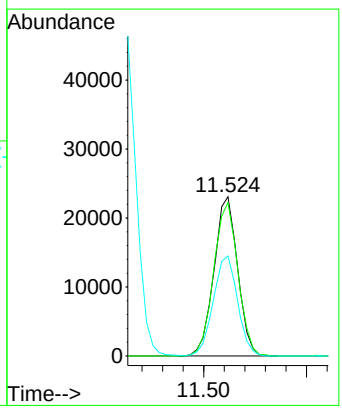


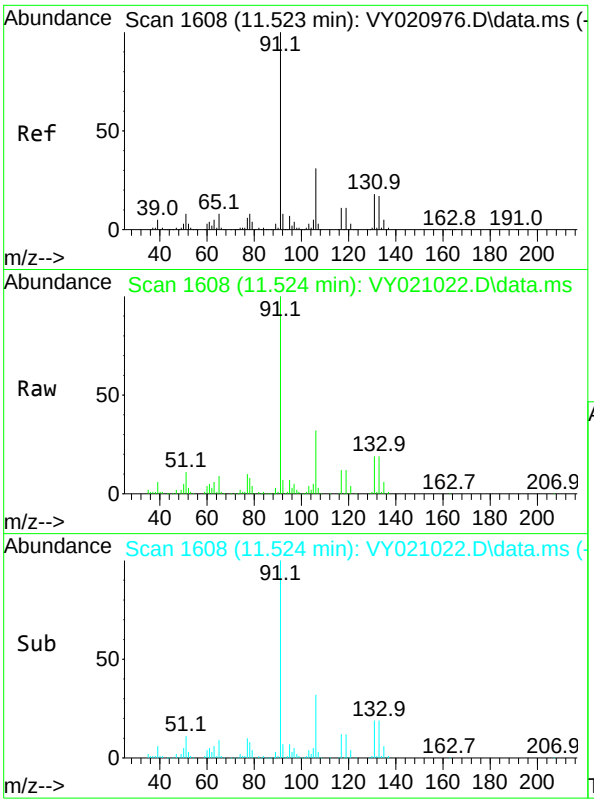


#66
1,1,1,2-Tetrachloroethane
Concen: 20.130 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:131 Resp: 36817

Ion	Ratio	Lower	Upper
131	100		
133	98.5	48.7	146.1
119	64.4	31.4	94.3



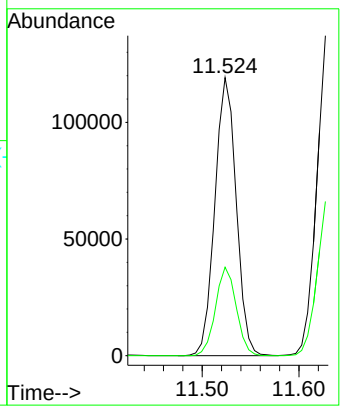


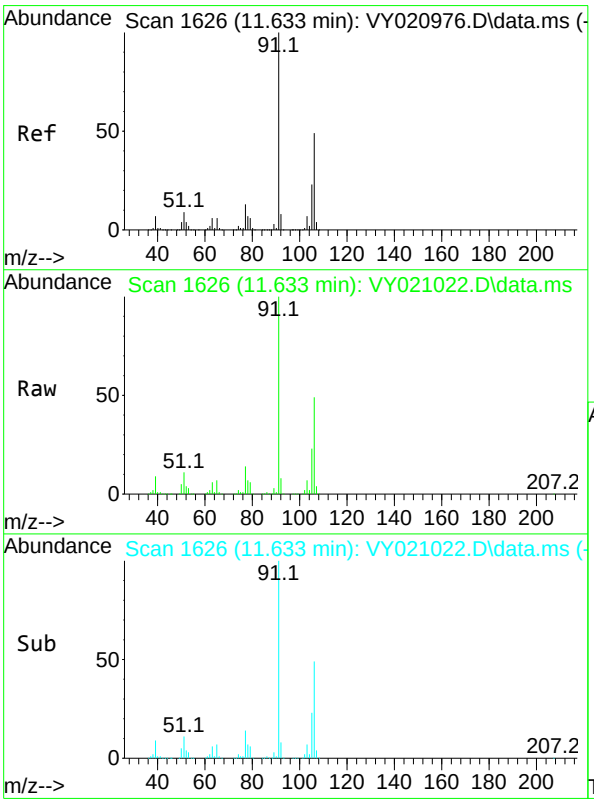
#67
Ethyl Benzene
Concen: 20.446 ug/l
RT: 11.524 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 182430

Ion	Ratio	Lower	Upper
91	100		
106	31.8	24.9	37.3

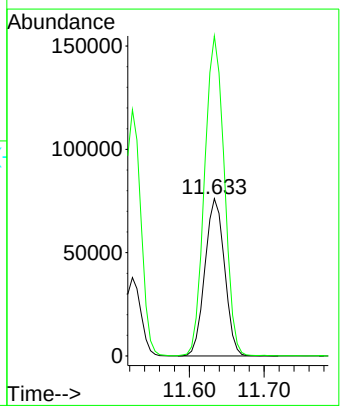


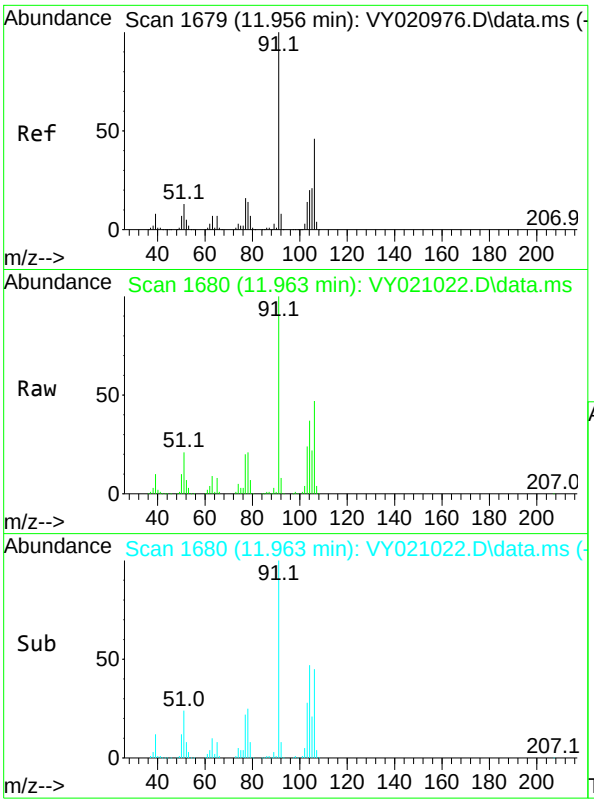


#68
m/p-Xylenes
Concen: 40.497 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:106 Resp: 138826

Ion	Ratio	Lower	Upper
106	100		
91	204.4	160.0	240.0



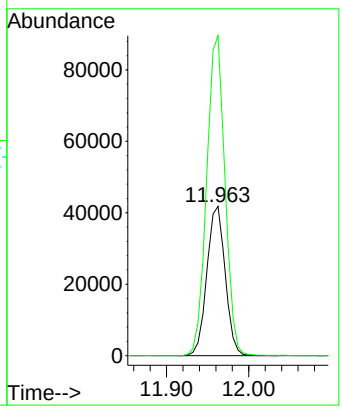


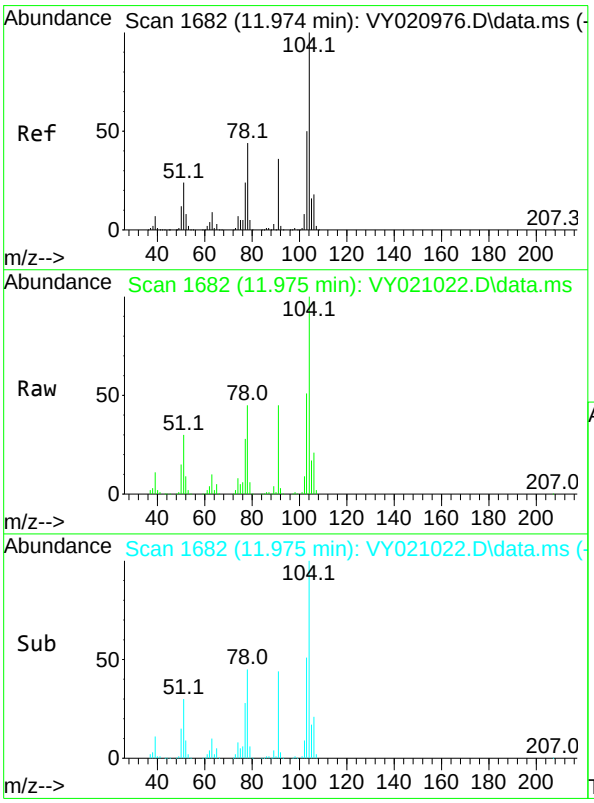
#69
o-Xylene
Concen: 20.276 ug/l
RT: 11.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 64616

Ion	Ratio	Lower	Upper
106	100		
91	214.7	105.8	317.6

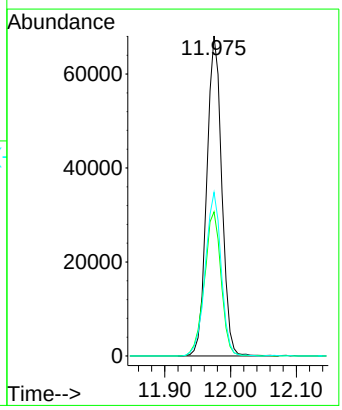


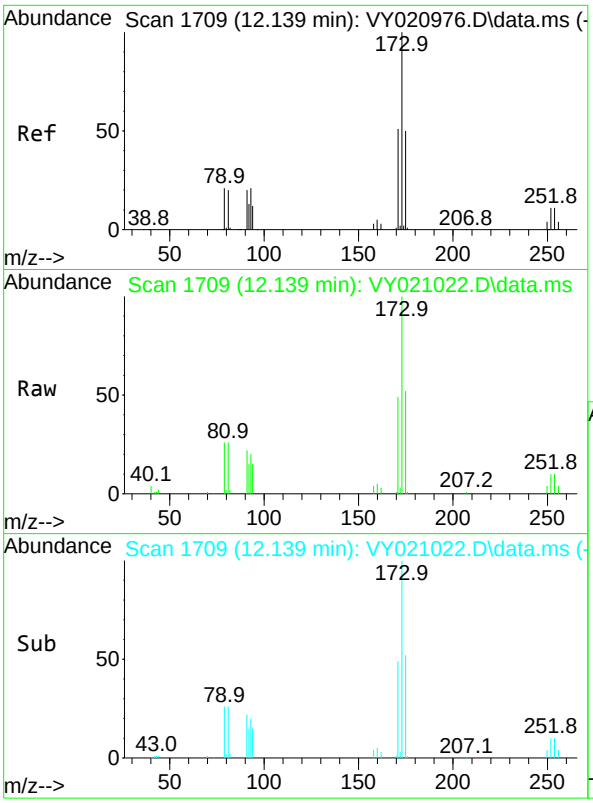


#70
Styrene
Concen: 20.439 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:104 Resp: 108143

Ion	Ratio	Lower	Upper
104	100		
78	49.9	39.0	58.4
103	54.2	43.7	65.5



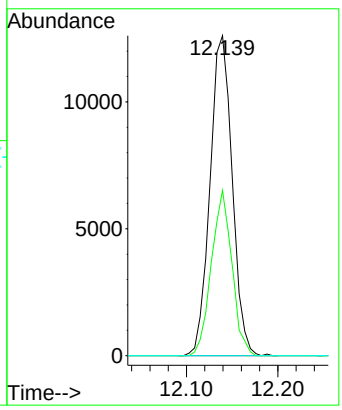


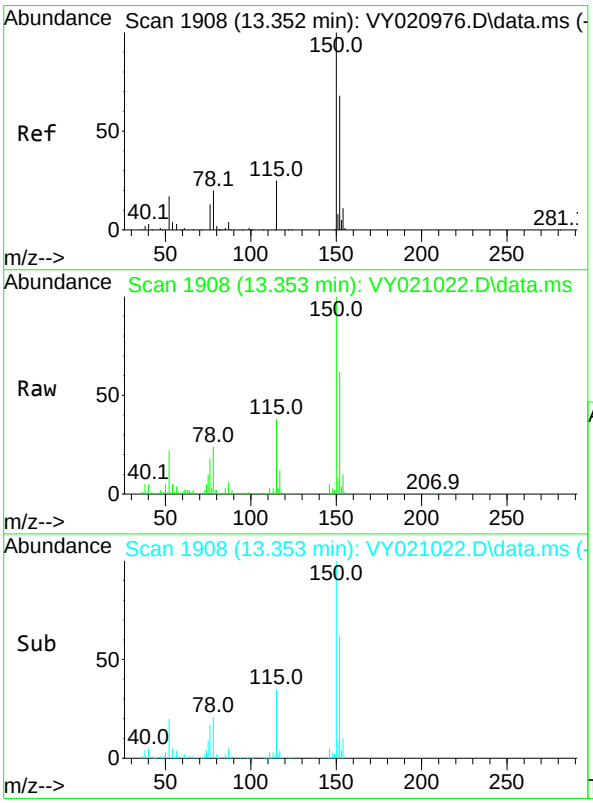
#71
Bromoform
Concen: 19.718 ug/l
RT: 12.139 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:173 Resp: 21254

Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.1	72.2
254	0.0	0.0	0.0

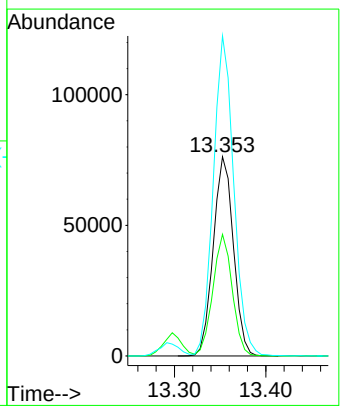


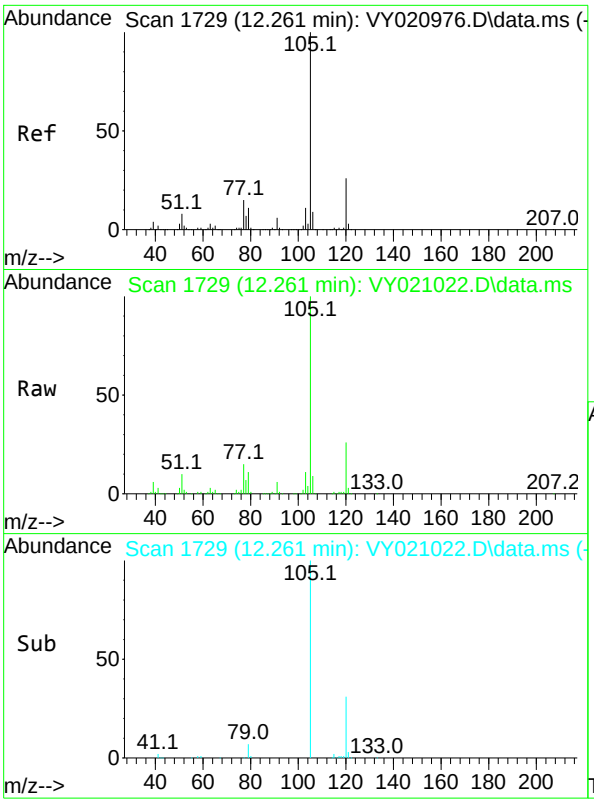


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:152 Resp: 116948

Ion	Ratio	Lower	Upper
152	100		
115	58.7	28.4	85.2
150	162.9	0.0	342.8



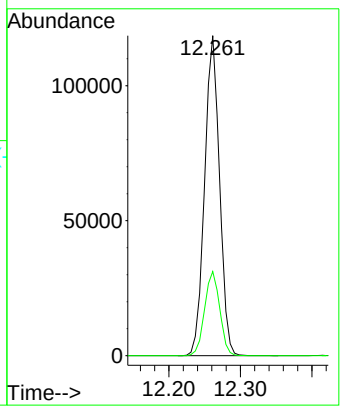


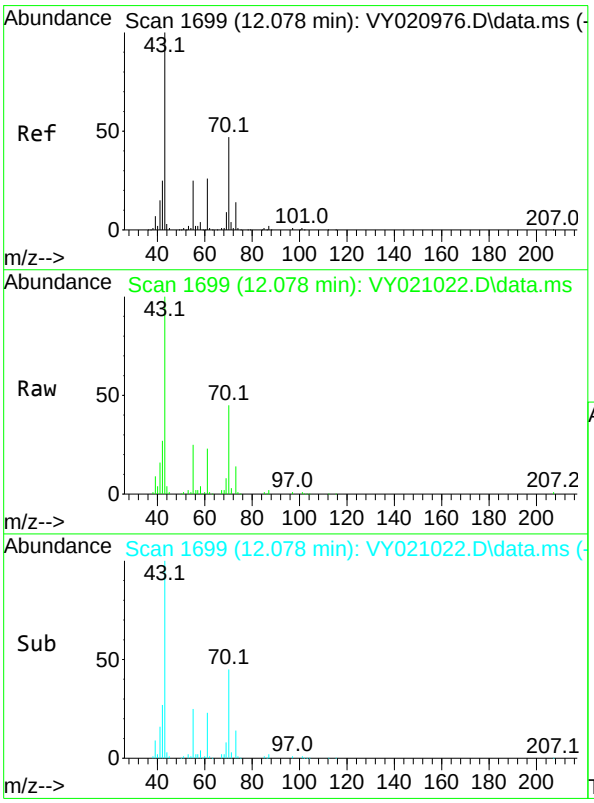
#73
Isopropylbenzene
Concen: 20.921 ug/l
RT: 12.261 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 171836

Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.4	40.2

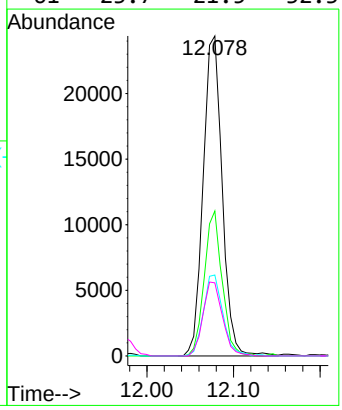


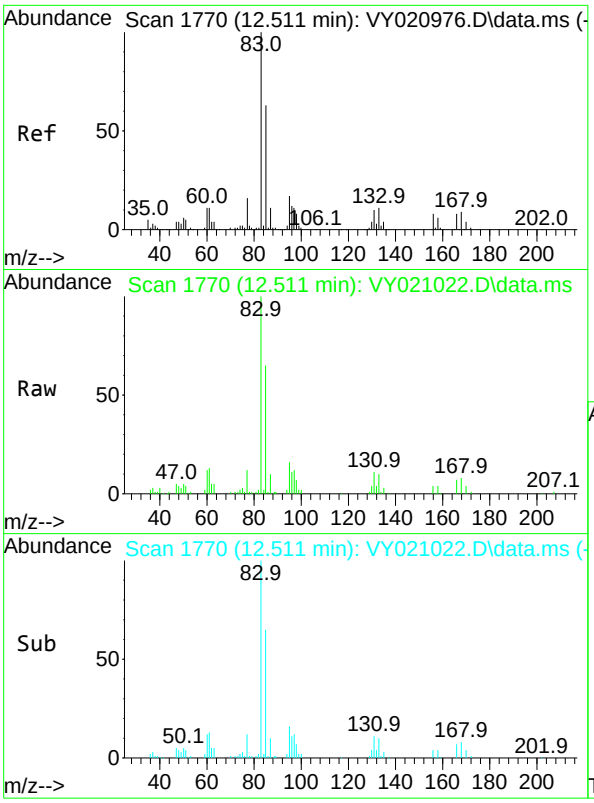


#74
N-amyl acetate
Concen: 24.896 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 43 Resp: 37235

Ion	Ratio	Lower	Upper
43	100		
70	42.5	39.3	58.9
55	26.1	22.3	33.5
61	23.7	21.5	32.3



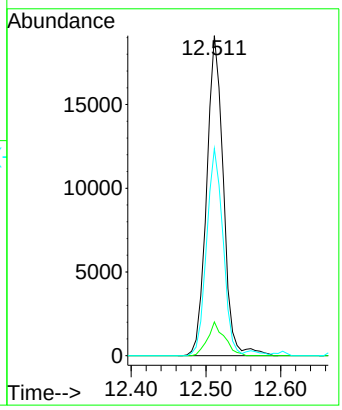


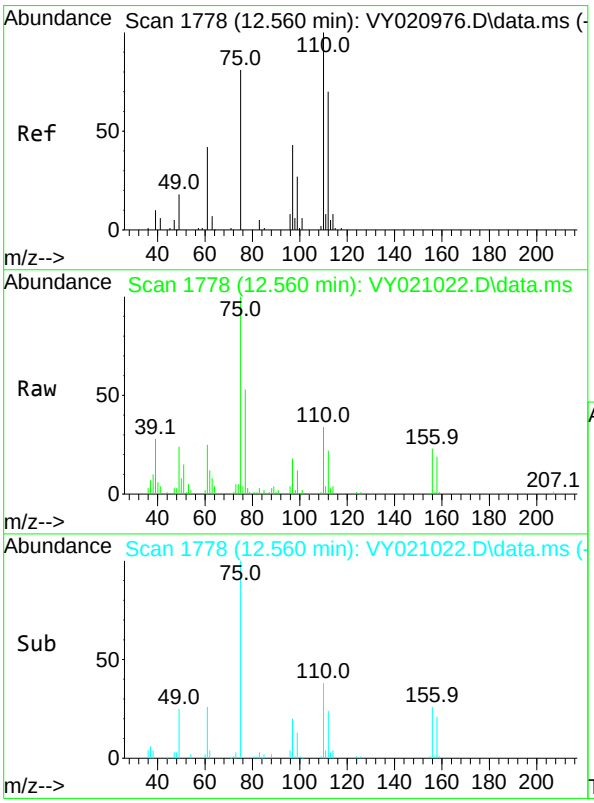
#75
1,1,2,2-Tetrachloroethane
Concen: 22.410 ug/l
RT: 12.511 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 29712

Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.7	17.1
85	63.4	31.9	95.9

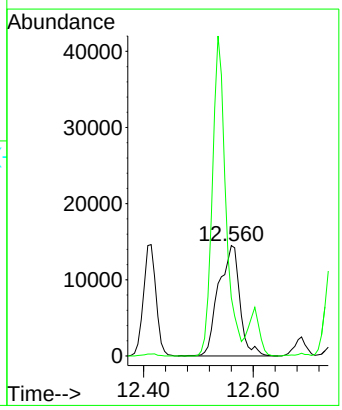


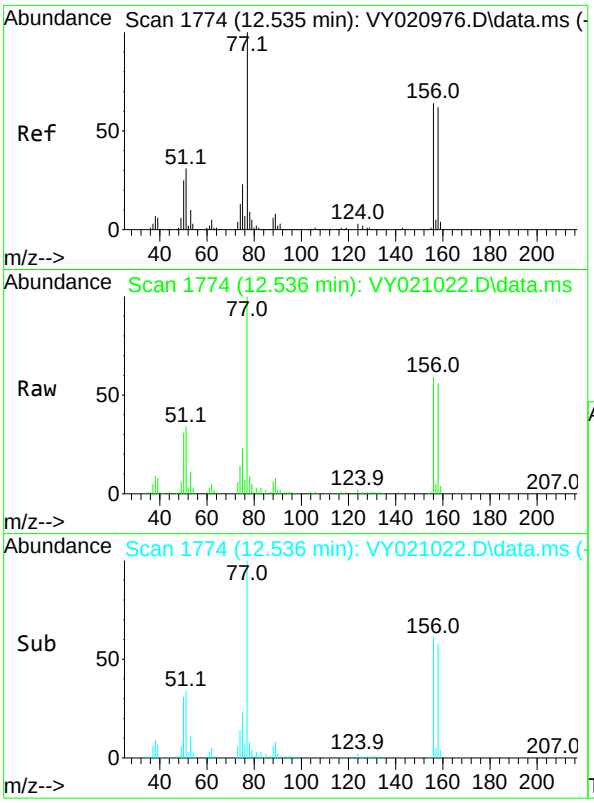


#76
1,2,3-Trichloropropane
Concen: 42.065 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 75 Resp: 38943

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



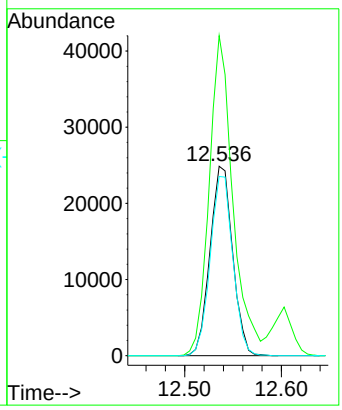


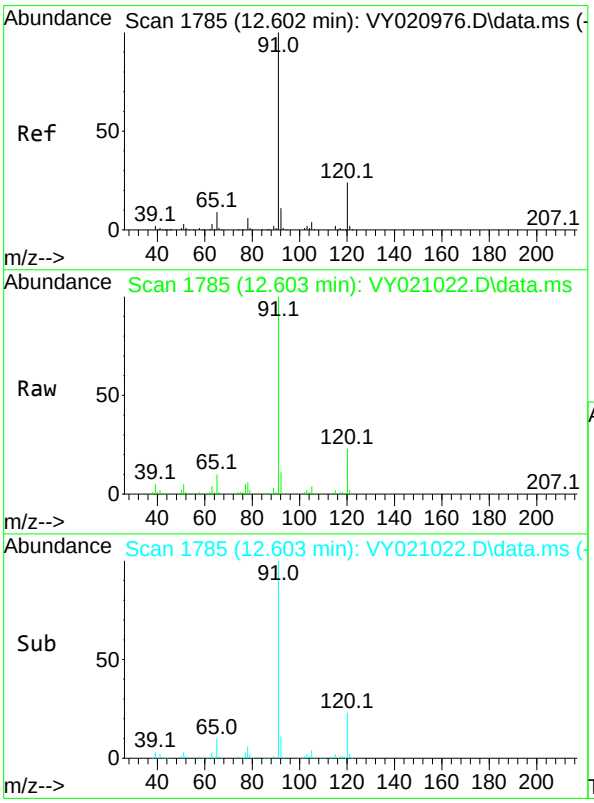
#77
Bromobenzene
Concen: 20.793 ug/l
RT: 12.536 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 40491

Ion	Ratio	Lower	Upper
156	100		
77	176.3	83.3	249.9
158	94.6	48.3	144.9

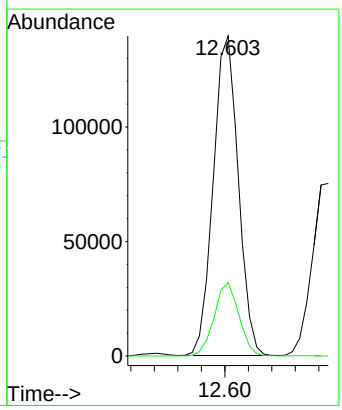


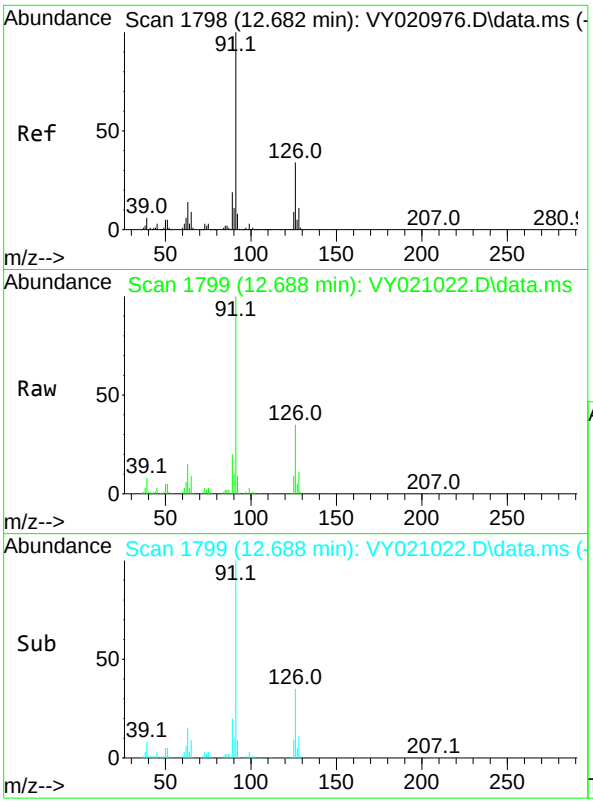


#78
n-propylbenzene
Concen: 21.429 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 91 Resp: 206279

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.8	35.4



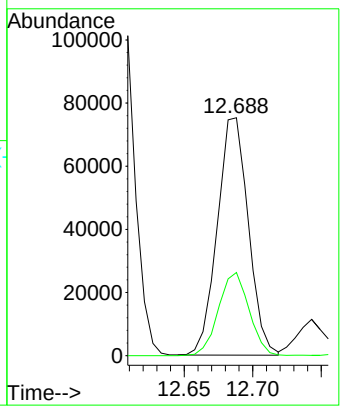


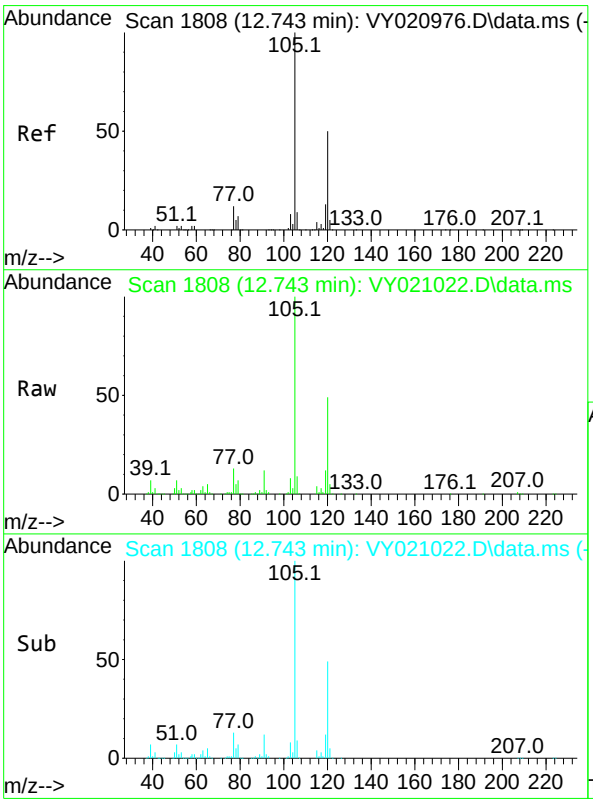
#79
2-Chlorotoluene
Concen: 21.638 ug/l
RT: 12.688 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 118673

Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.3	51.9

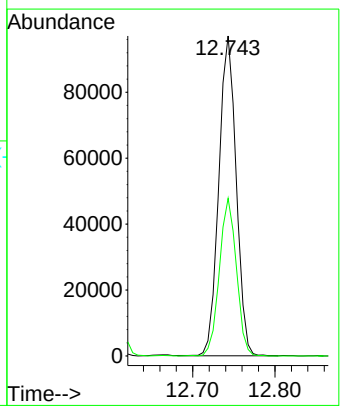


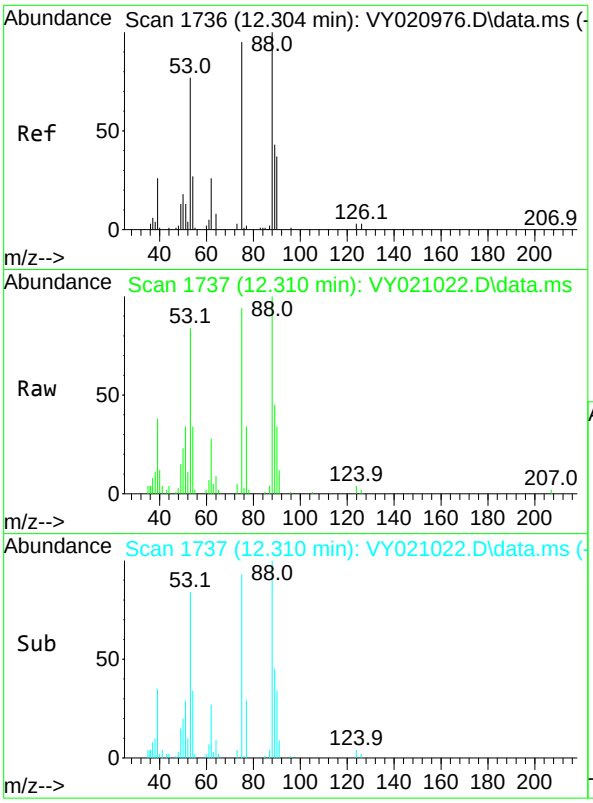


#80
1,3,5-Trimethylbenzene
Concen: 21.150 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:105 Resp: 142319

Ion	Ratio	Lower	Upper
105	100		
120	48.4	24.3	72.9



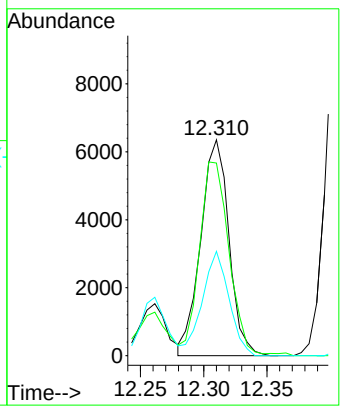


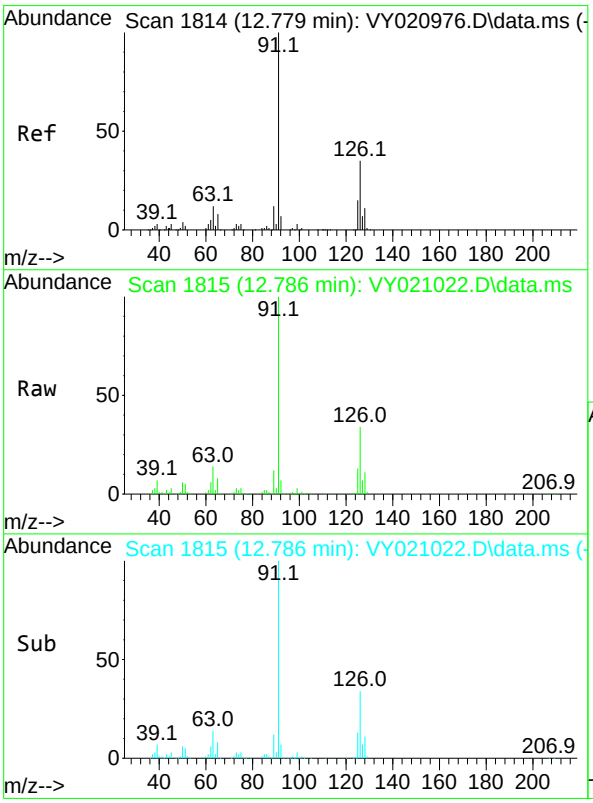
#81
trans-1,4-Dichloro-2-butene
Concen: 22.135 ug/l
RT: 12.310 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 9872

Ion	Ratio	Lower	Upper
75	100		
53	94.1	68.6	103.0
89	46.0	38.1	57.1

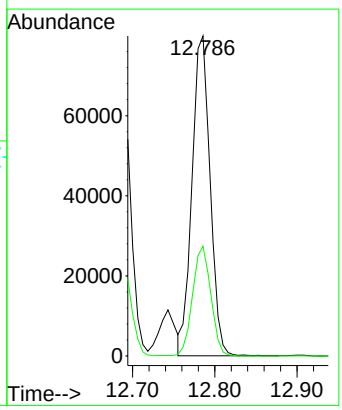


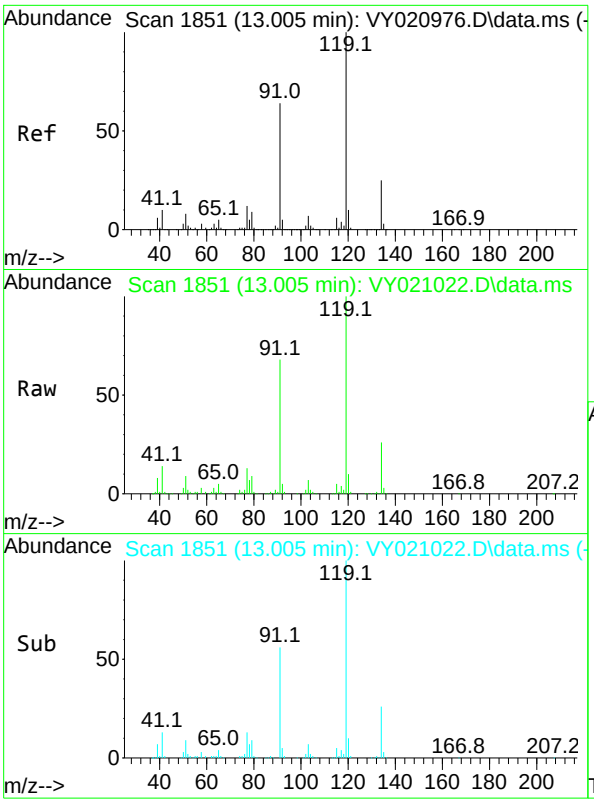


#82
4-Chlorotoluene
Concen: 21.712 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 91 Resp: 121872

Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.3	52.0



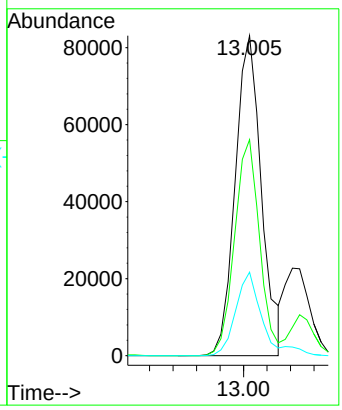


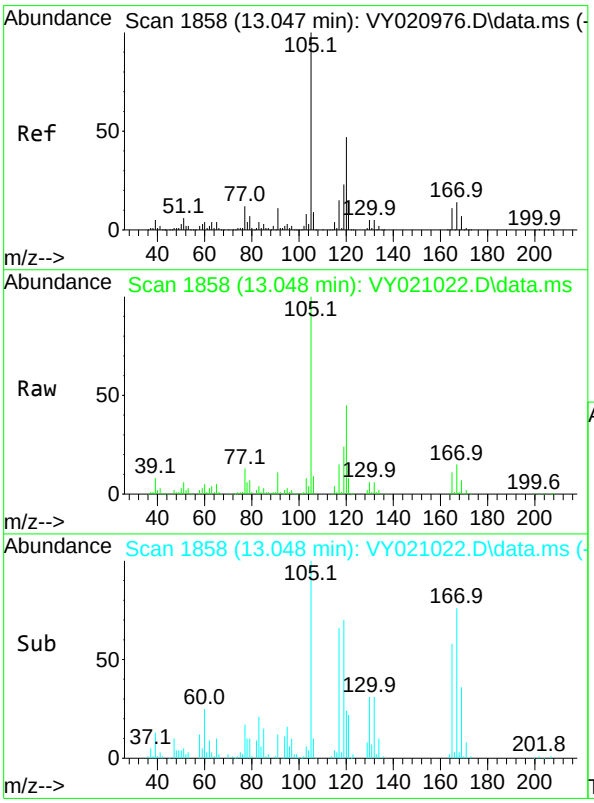
#83
tert-Butylbenzene
Concen: 20.651 ug/l
RT: 13.005 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 128881

Ion	Ratio	Lower	Upper
119	100		
91	64.4	31.4	94.0
134	26.5	13.1	39.1

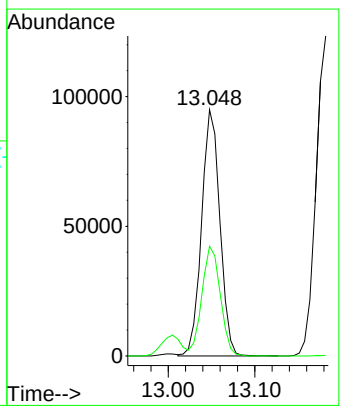


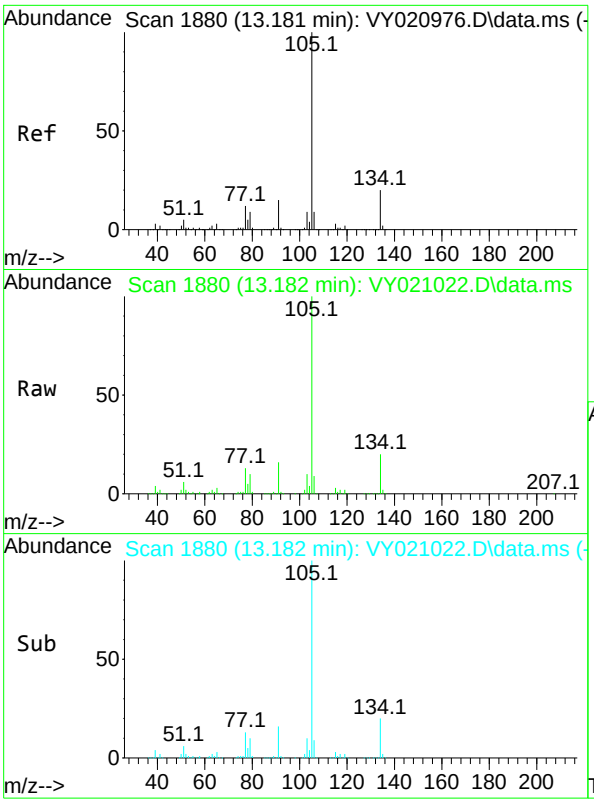


#84
1,2,4-Trimethylbenzene
Concen: 21.214 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:105 Resp: 139446

Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.7	68.0



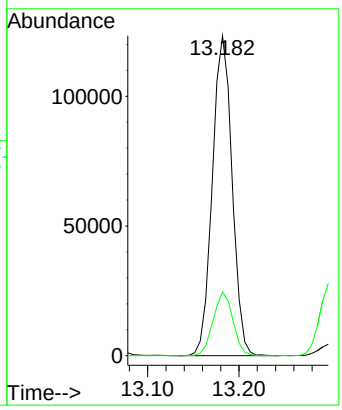


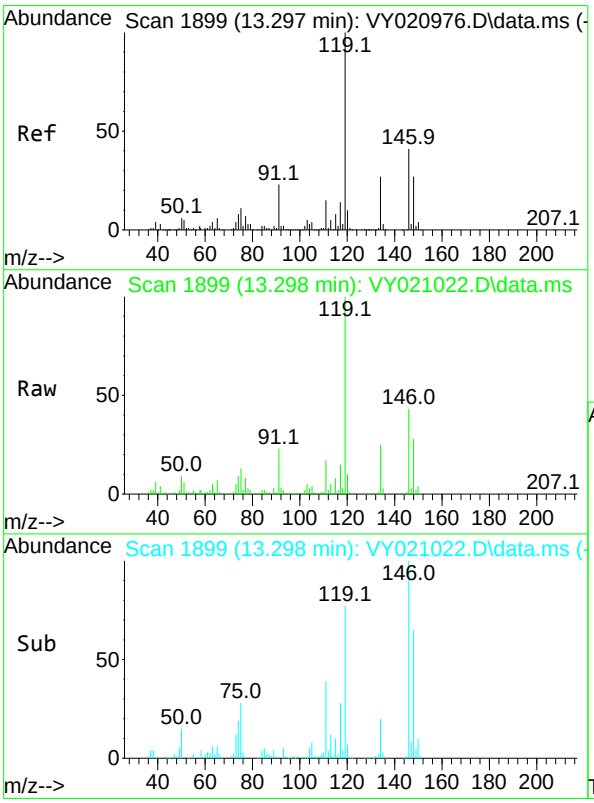
#85
sec-Butylbenzene
Concen: 20.943 ug/l
RT: 13.182 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 185044

Ion	Ratio	Lower	Upper
105	100		
134	19.9	10.3	30.8

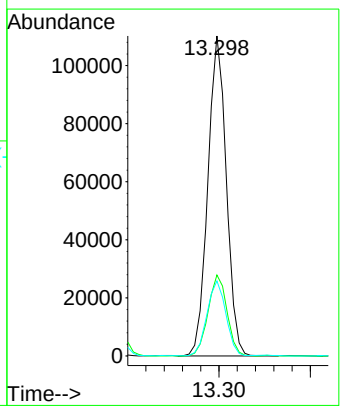


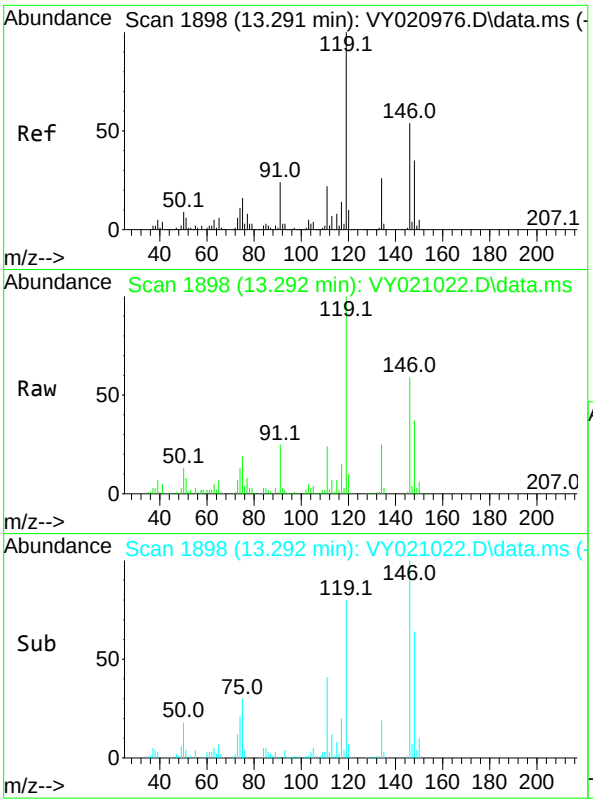


#86
p-Isopropyltoluene
Concen: 20.815 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:119 Resp: 154555

Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.1	39.3
91	23.8	11.5	34.5



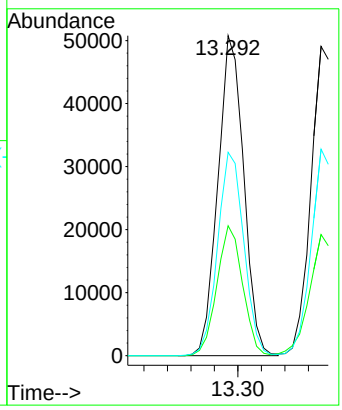


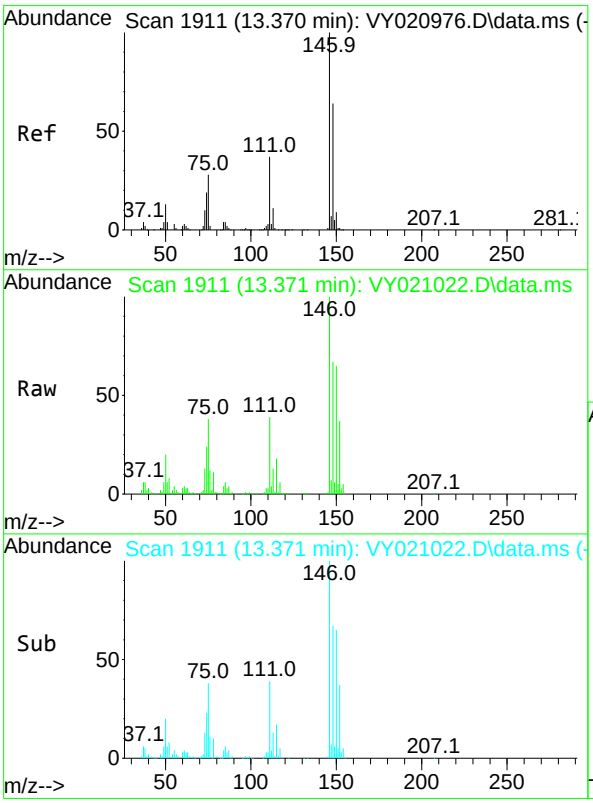
#87
1,3-Dichlorobenzene
Concen: 20.446 ug/l
RT: 13.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 77631

Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.7	59.1
148	64.7	32.1	96.3

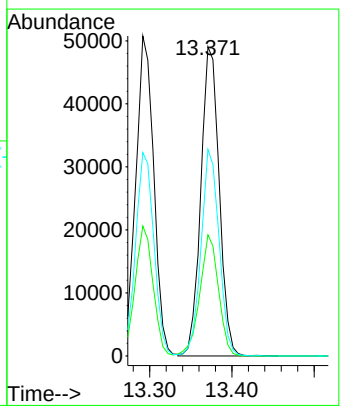


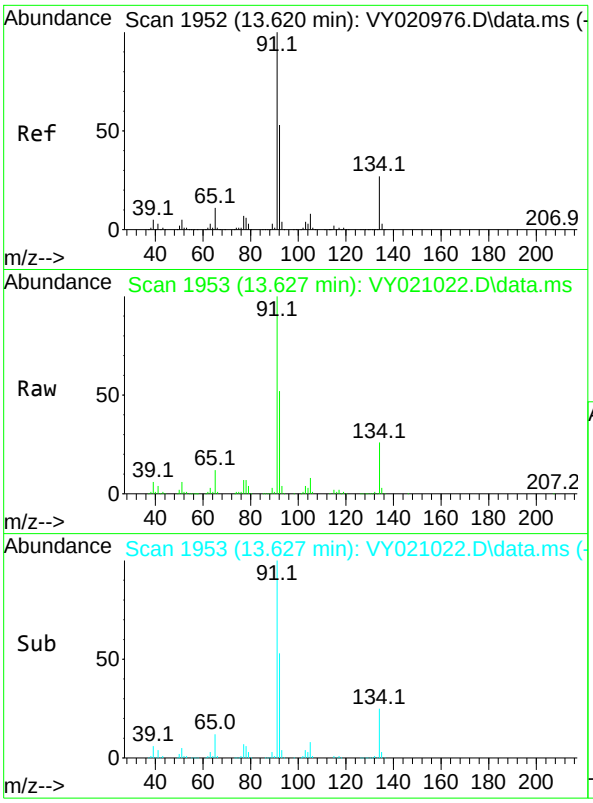


#88
1,4-Dichlorobenzene
Concen: 20.248 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:146 Resp: 76342

Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.0	57.0
148	65.6	31.6	95.0



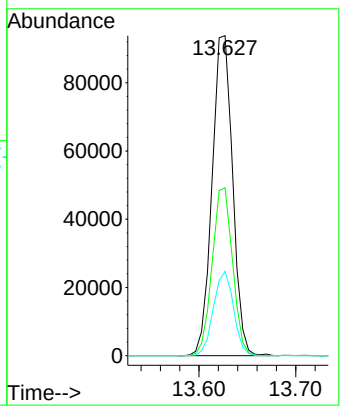


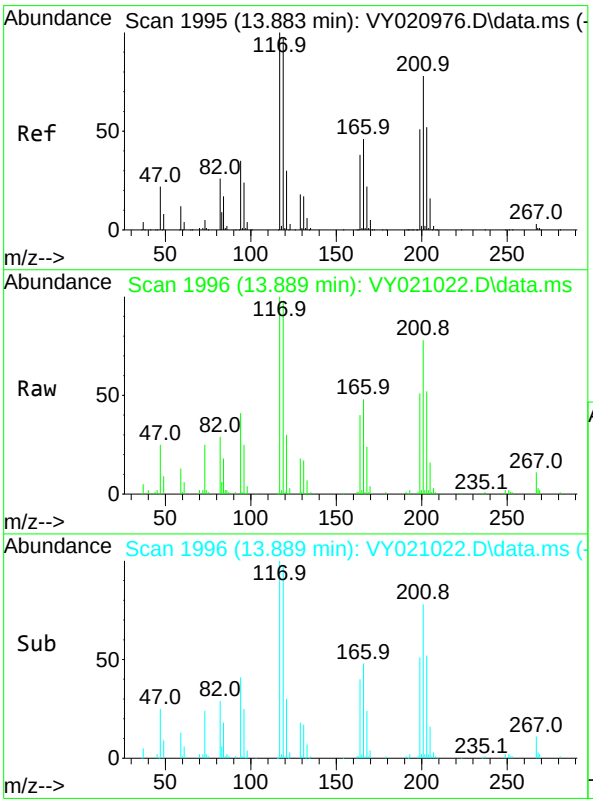
#89
n-Butylbenzene
Concen: 20.829 ug/l
RT: 13.627 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 138532

Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.7	80.1
134	25.8	13.7	41.1

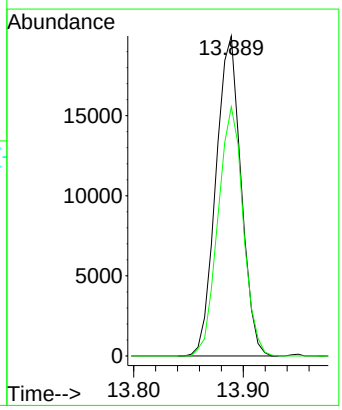


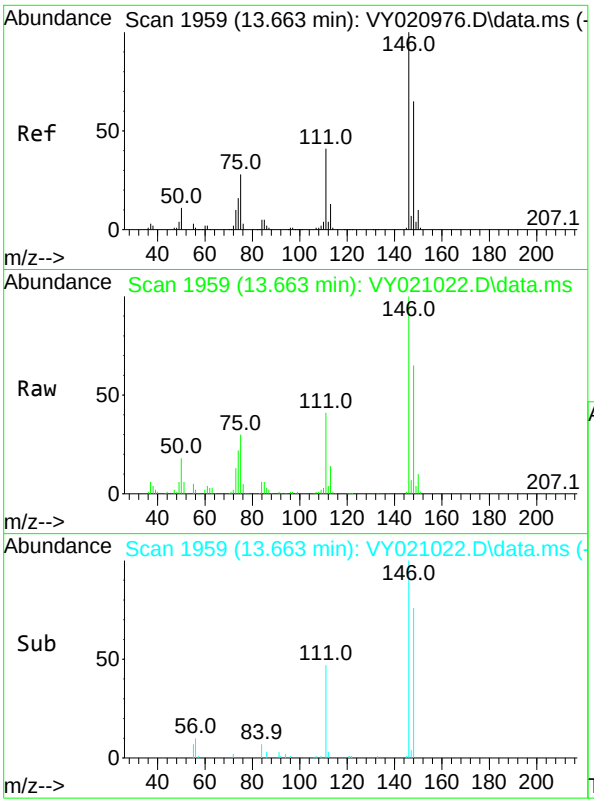


#90
Hexachloroethane
Concen: 21.166 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:117 Resp: 31796

Ion	Ratio	Lower	Upper
117	100		
201	78.2	42.5	127.5



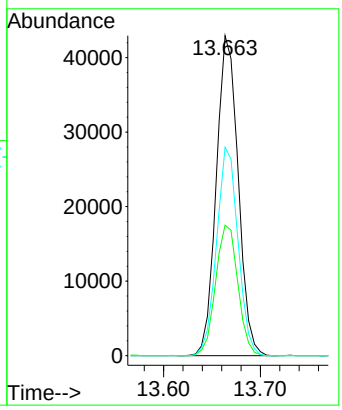


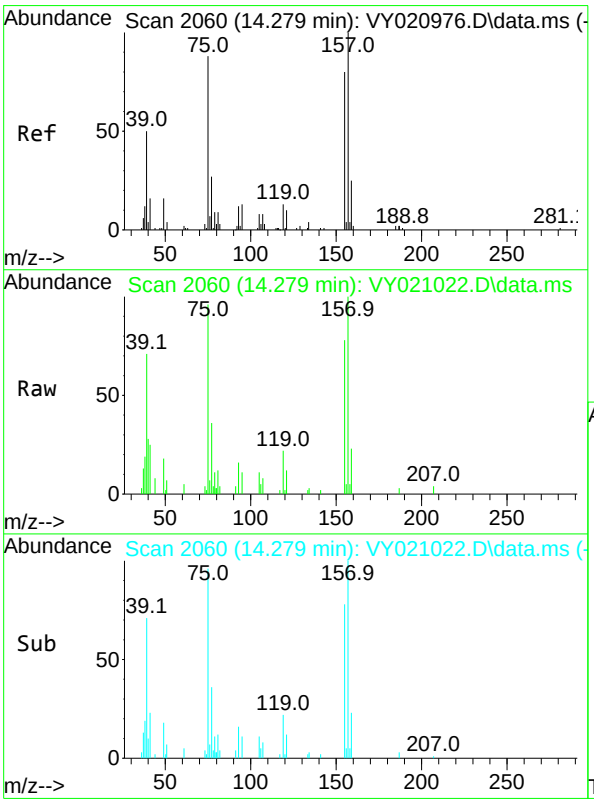
#91
1,2-Dichlorobenzene
Concen: 20.344 ug/l
RT: 13.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 67363

Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.3	60.8
148	64.0	32.2	96.6

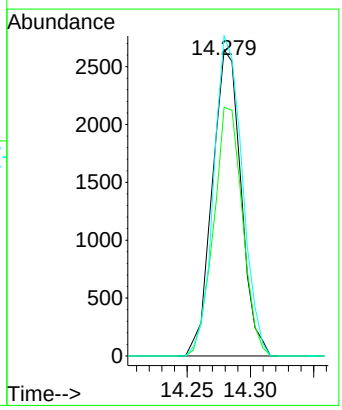


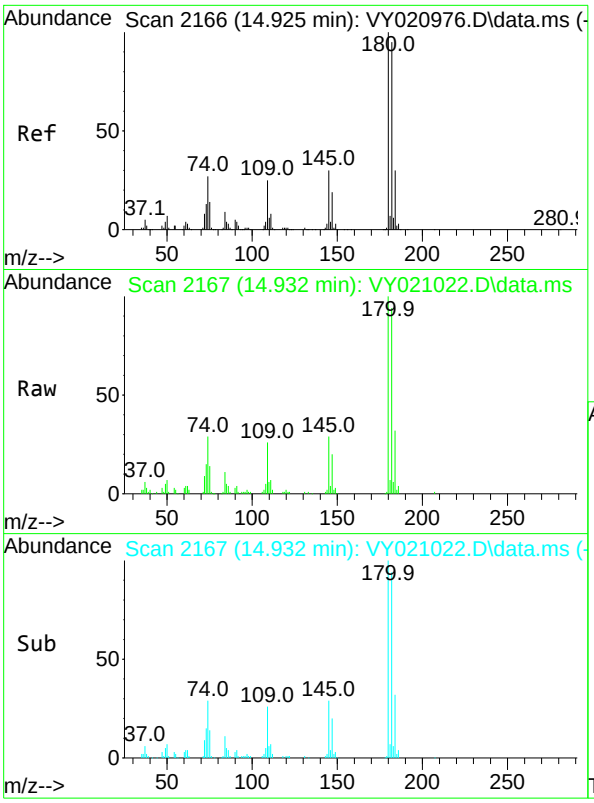


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.380 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 75 Resp: 4160

Ion	Ratio	Lower	Upper
75	100		
155	81.6	45.9	137.6
157	103.8	59.3	177.9



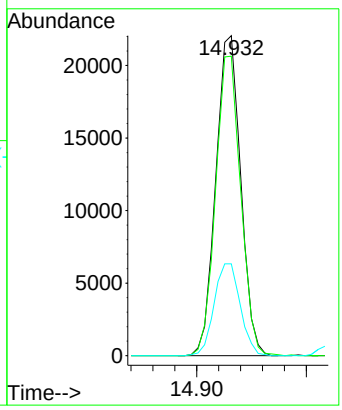


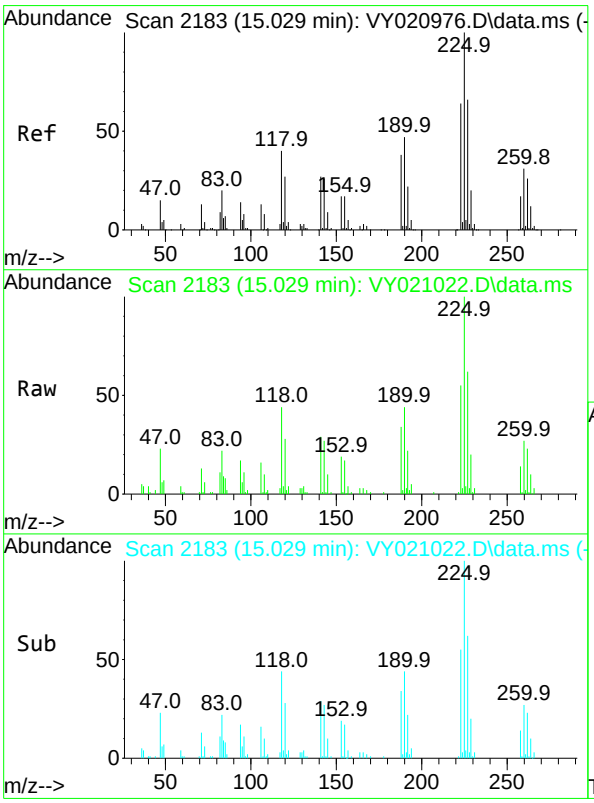
#93
1,2,4-Trichlorobenzene
Concen: 17.150 ug/l
RT: 14.932 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:180 Resp: 34770

Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.3	144.8
145	30.1	15.3	45.8

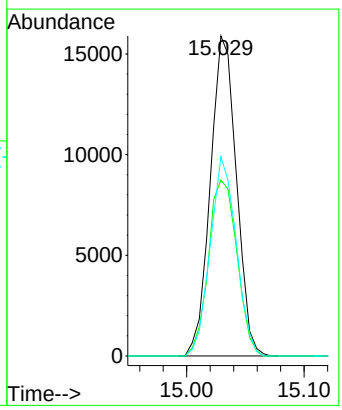


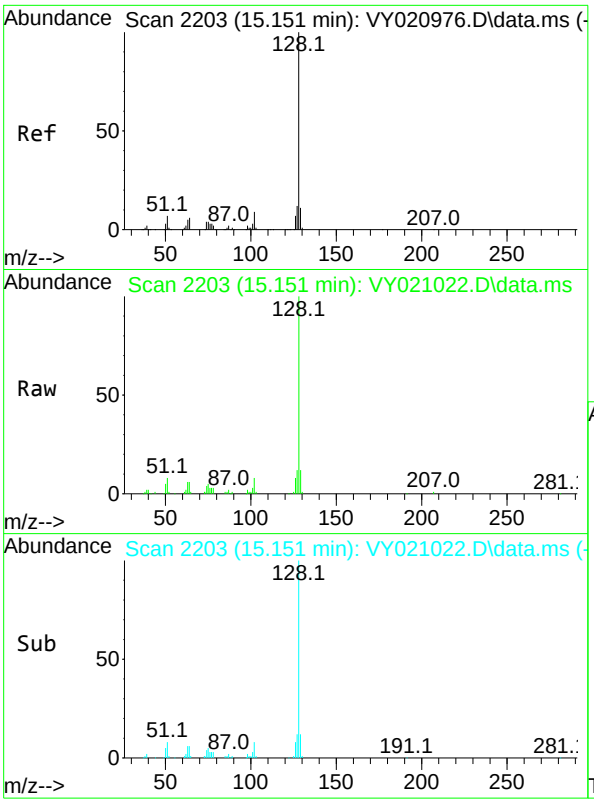


#94
Hexachlorobutadiene
Concen: 17.435 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:225 Resp: 24481

Ion	Ratio	Lower	Upper
225	100		
223	60.2	31.4	94.2
227	62.1	31.8	95.3



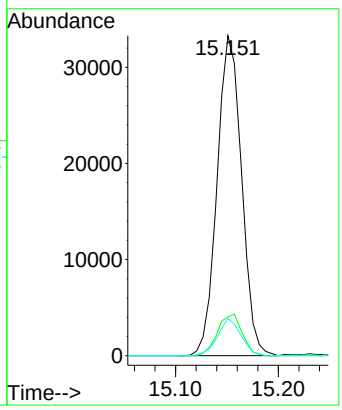


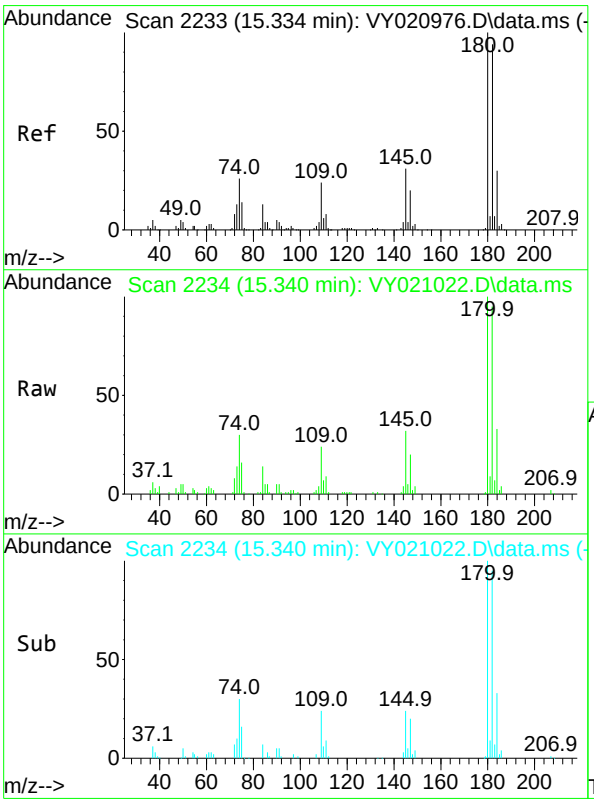
#95
Naphthalene
Concen: 16.886 ug/l
RT: 15.151 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:128 Resp: 55021

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.1	8.8	13.2

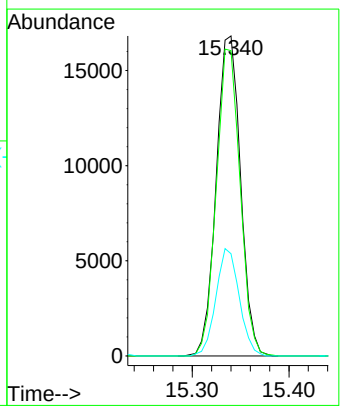




#96
1,2,3-Trichlorobenzene
Concen: 17.090 ug/l
RT: 15.340 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:180 Resp: 29301

Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.7	143.1
145	32.3	15.6	46.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021023.D
Acq On : 03 Feb 2025 11:43
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Quant Time: Feb 03 12:39:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	185055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	285755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	250150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	121069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	93084	59.079	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.160%			
35) Dibromofluoromethane	7.640	113	89515	52.107	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.220%			
50) Toluene-d8	10.109	98	343592	51.243	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.480%			
62) 4-Bromofluorobenzene	12.414	95	115197	51.200	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 102.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	82341	52.329	ug/l	100
3) Chloromethane	2.074	50	77828	77.798	ug/l	98
4) Vinyl Chloride	2.208	62	78456	76.063	ug/l	100
5) Bromomethane	2.605	94	47661	68.257	ug/l	99
6) Chloroethane	2.739	64	47159	78.268	ug/l	99
7) Trichlorofluoromethane	3.068	101	146090	58.690	ug/l	98
8) Diethyl Ether	3.464	74	44796	60.281	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.824	101	91456	54.564	ug/l	95
10) Methyl Iodide	4.013	142	108576	56.607	ug/l	99
11) Tert butyl alcohol	4.872	59	29518	256.470	ug/l	100
12) 1,1-Dichloroethene	3.800	96	86860	55.452	ug/l	92
13) Acrolein	3.659	56	48444	365.513	ug/l	98
14) Allyl chloride	4.391	41	148096	68.676	ug/l	93
15) Acrylonitrile	5.061	53	98437	322.040	ug/l	99
16) Acetone	3.879	43	71701	333.889	ug/l	93
17) Carbon Disulfide	4.117	76	272934	56.574	ug/l	99
18) Methyl Acetate	4.397	43	53193	70.789	ug/l	92
19) Methyl tert-butyl Ether	5.116	73	225045	61.726	ug/l	99
20) Methylene Chloride	4.623	84	89716	56.645	ug/l	93
21) trans-1,2-Dichloroethene	5.122	96	96653	57.552	ug/l	92
22) Diisopropyl ether	6.025	45	308181	70.111	ug/l	96
23) Vinyl Acetate	5.970	43	876749	360.173	ug/l	96
24) 1,1-Dichloroethane	5.921	63	175291	61.815	ug/l	100
25) 2-Butanone	6.903	43	124949	342.981	ug/l	94
26) 2,2-Dichloropropane	6.890	77	160962	57.651	ug/l	99
27) cis-1,2-Dichloroethene	6.897	96	110873	57.437	ug/l	94
28) Bromochloromethane	7.250	49	76460	72.370	ug/l	84
29) Tetrahydrofuran	7.262	42	84863	346.176	ug/l	91
30) Chloroform	7.427	83	181725	59.167	ug/l	96
31) Cyclohexane	7.707	56	153013	55.203	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	168751	56.771	ug/l	97
36) 1,1-Dichloropropene	7.841	75	132425	54.034	ug/l	98
37) Ethyl Acetate	6.988	43	60168	65.852	ug/l	95
38) Carbon Tetrachloride	7.823	117	156282	51.530	ug/l	99
39) Methylcyclohexane	9.116	83	168118	51.064	ug/l	95
40) Benzene	8.085	78	393690	54.594	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021023.D
Acq On : 03 Feb 2025 11:43
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Quant Time: Feb 03 12:39:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	31701	62.707	ug/l		93
42) 1,2-Dichloroethane	8.165	62	108251	59.191	ug/l		99
43) Isopropyl Acetate	8.201	43	120630	66.087	ug/l		96
44) Trichloroethene	8.872	130	99733	50.121	ug/l		99
45) 1,2-Dichloropropane	9.146	63	93348	57.754	ug/l		99
46) Dibromomethane	9.238	93	51734	55.001	ug/l		95
47) Bromodichloromethane	9.427	83	137852	55.807	ug/l		97
48) Methyl methacrylate	9.225	41	54848	63.113	ug/l		91
49) 1,4-Dioxane	9.231	88	10030	1003.514	ug/l	#	91
51) 4-Methyl-2-Pentanone	10.000	43	308616	329.038	ug/l		95
52) Toluene	10.176	92	250280	53.469	ug/l		97
53) t-1,3-Dichloropropene	10.396	75	128314	57.403	ug/l		100
54) cis-1,3-Dichloropropene	9.859	75	149965	56.133	ug/l	#	91
55) 1,1,2-Trichloroethane	10.579	97	67249	53.761	ug/l		99
56) Ethyl methacrylate	10.445	69	96579	59.067	ug/l	#	88
57) 1,3-Dichloropropane	10.725	76	117634	55.483	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.713	63	224134	322.966	ug/l		95
59) 2-Hexanone	10.768	43	205217	336.612	ug/l		92
60) Dibromochloromethane	10.914	129	93957	52.680	ug/l		100
61) 1,2-Dibromoethane	11.018	107	64333	53.845	ug/l		98
64) Tetrachloroethene	10.652	164	90228	47.817	ug/l		98
65) Chlorobenzene	11.445	112	270176	51.263	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.524	131	95653	51.137	ug/l		97
67) Ethyl Benzene	11.524	91	486059	53.265	ug/l		100
68) m/p-Xylenes	11.633	106	366509	104.538	ug/l		98
69) o-Xylene	11.963	106	170229	52.229	ug/l		96
70) Styrene	11.975	104	289102	53.426	ug/l		98
71) Bromoform	12.133	173	54130	49.101	ug/l	#	98
73) Isopropylbenzene	12.261	105	461198	54.240	ug/l		99
74) N-amyl acetate	12.072	43	107371	69.346	ug/l		92
75) 1,1,2,2-Tetrachloroethane	12.511	83	76500	55.736	ug/l		99
76) 1,2,3-Trichloropropane	12.560	75	102300	106.739	ug/l	#	100
77) Bromobenzene	12.536	156	104605	51.889	ug/l		93
78) n-propylbenzene	12.603	91	554600	55.653	ug/l		98
79) 2-Chlorotoluene	12.688	91	312917	55.113	ug/l		99
80) 1,3,5-Trimethylbenzene	12.743	105	376397	54.032	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.310	75	26957	58.386	ug/l		91
82) 4-Chlorotoluene	12.786	91	316855	54.527	ug/l		100
83) tert-Butylbenzene	13.005	119	347315	53.757	ug/l		99
84) 1,2,4-Trimethylbenzene	13.048	105	370408	54.433	ug/l		100
85) sec-Butylbenzene	13.182	105	488820	53.440	ug/l		100
86) p-Isopropyltoluene	13.298	119	414156	53.878	ug/l		99
87) 1,3-Dichlorobenzene	13.292	146	203767	51.839	ug/l		99
88) 1,4-Dichlorobenzene	13.371	146	201529	51.631	ug/l		100
89) n-Butylbenzene	13.621	91	381707	55.439	ug/l		99
90) Hexachloroethane	13.889	117	84237	54.167	ug/l		94
91) 1,2-Dichlorobenzene	13.664	146	176718	51.554	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	11716	55.445	ug/l		93
93) 1,2,4-Trichlorobenzene	14.926	180	105932	50.473	ug/l		99
94) Hexachlorobutadiene	15.029	225	67092	46.155	ug/l		99
95) Naphthalene	15.151	128	180166	53.412	ug/l		99
96) 1,2,3-Trichlorobenzene	15.334	180	88730	49.991	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021023.D
Acq On : 03 Feb 2025 11:43
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Quant Time: Feb 03 12:39:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021023.D
Acq On : 03 Feb 2025 11:43
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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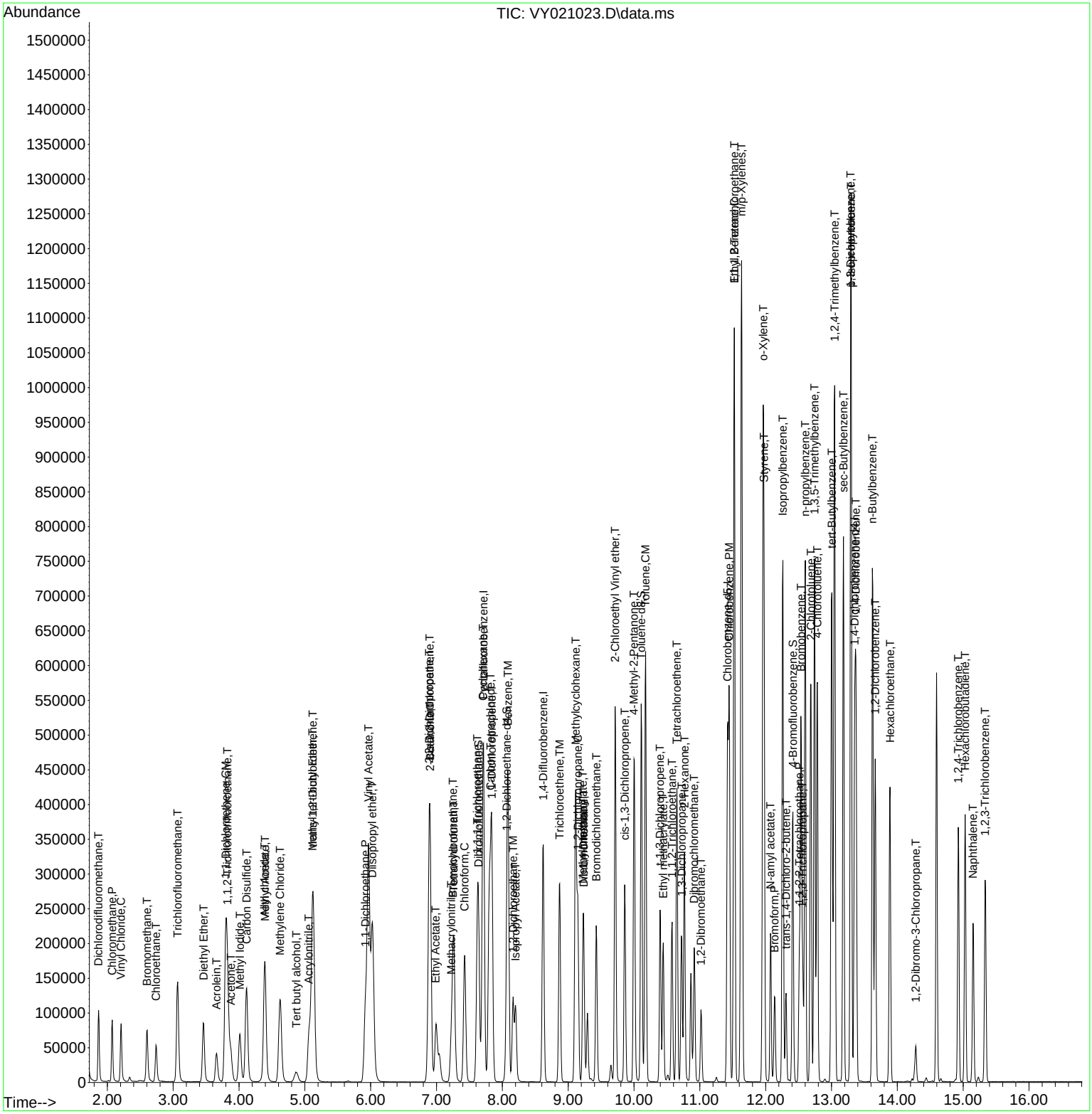
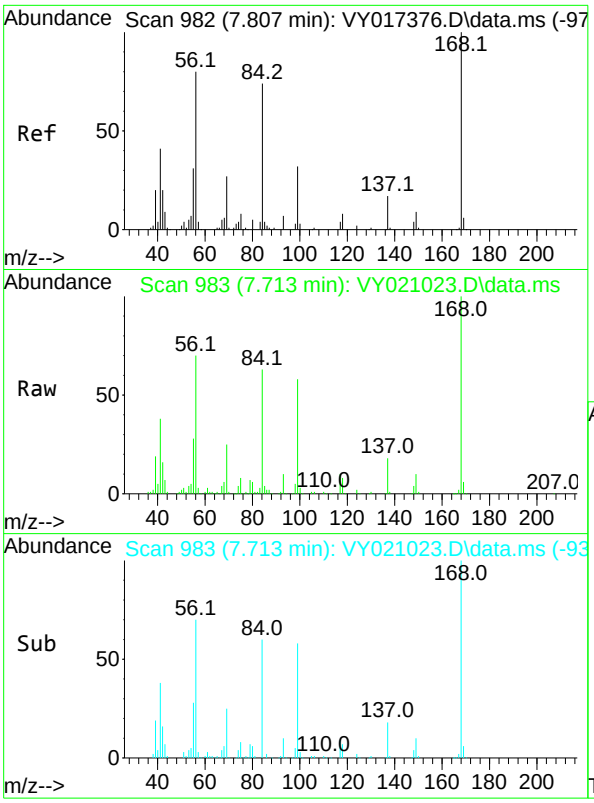
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Quant Time: Feb 03 12:39:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration



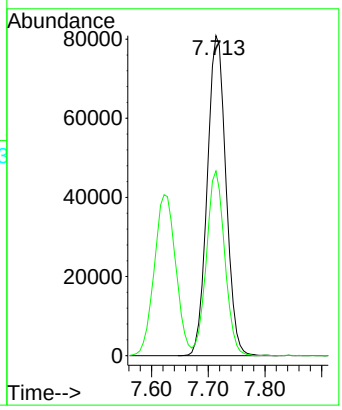


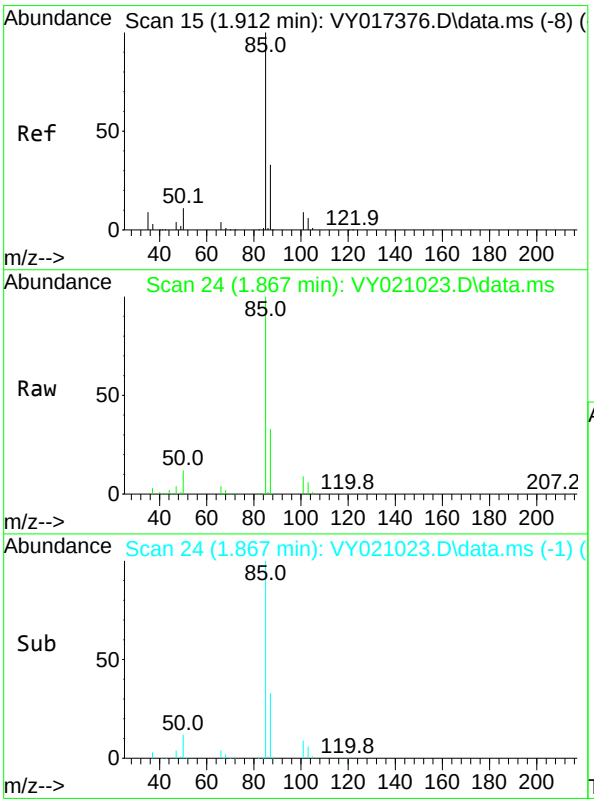
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:168 Resp: 185055

Ion	Ratio	Lower	Upper
168	100		
99	57.7	42.2	63.2

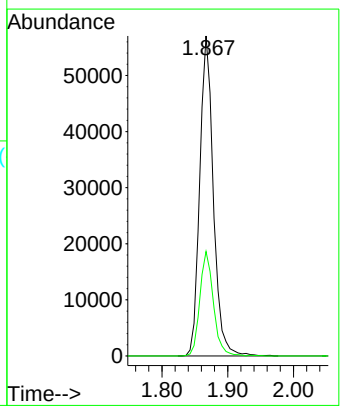


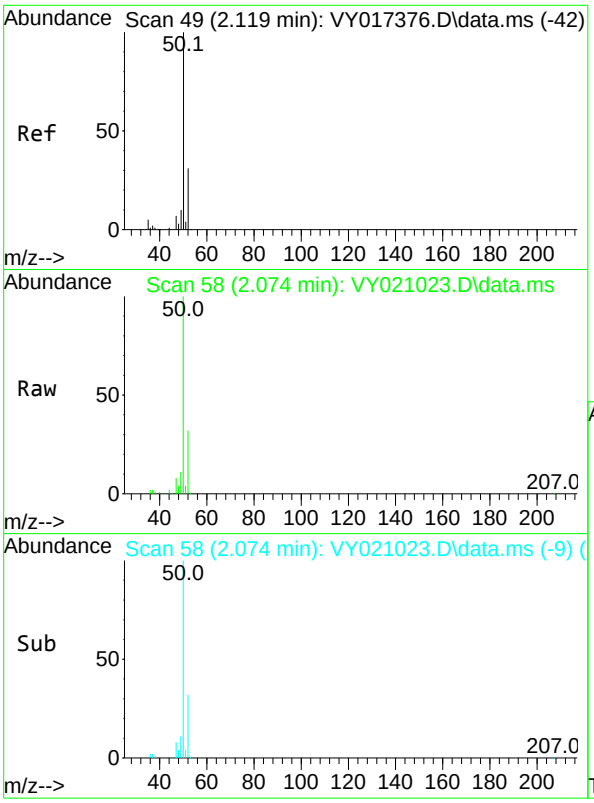


#2
Dichlorodifluoromethane
Concen: 52.329 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 85 Resp: 82341

Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.3	48.9



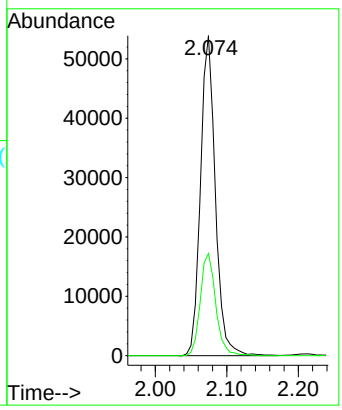


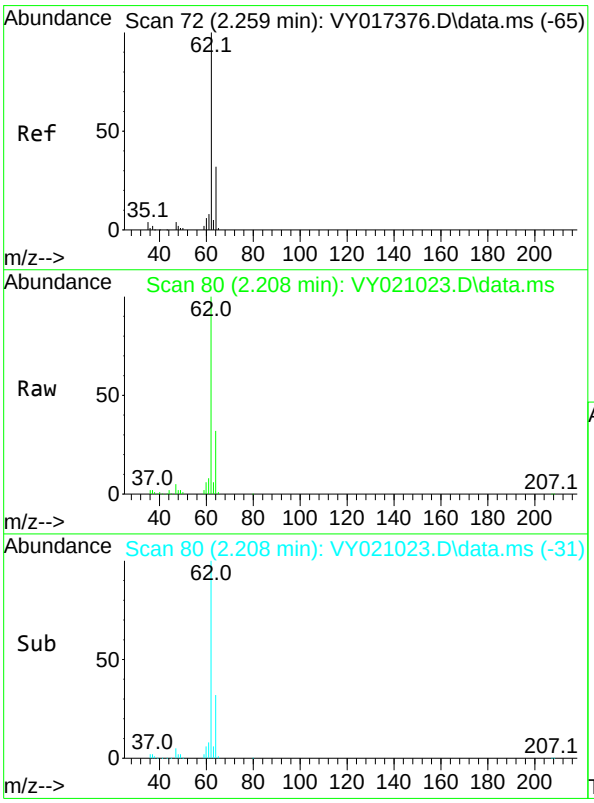
#3
Chloromethane
Concen: 77.798 ug/l
RT: 2.074 min Scan# 5
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 50 Resp: 77828

Ion	Ratio	Lower	Upper
50	100		
52	32.0	26.3	39.5

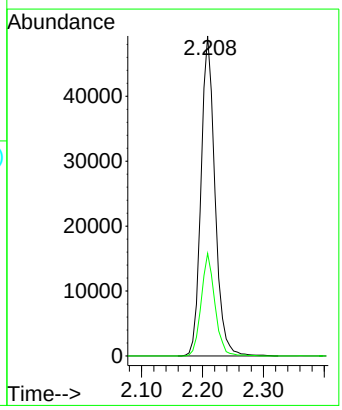


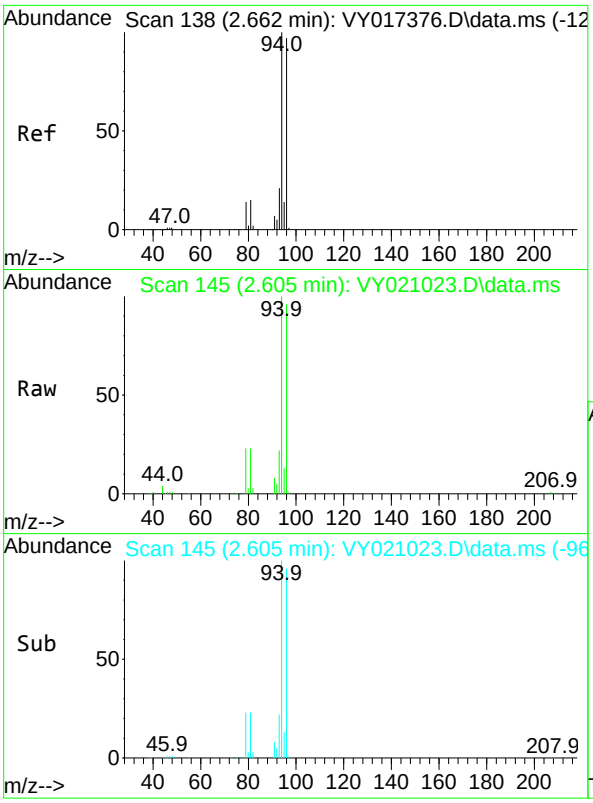


#4
Vinyl Chloride
Concen: 76.063 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 62 Resp: 78456

Ion	Ratio	Lower	Upper
62	100		
64	32.1	25.4	38.2



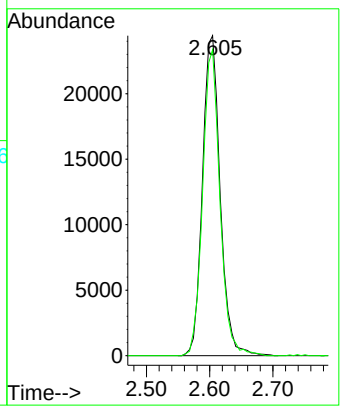


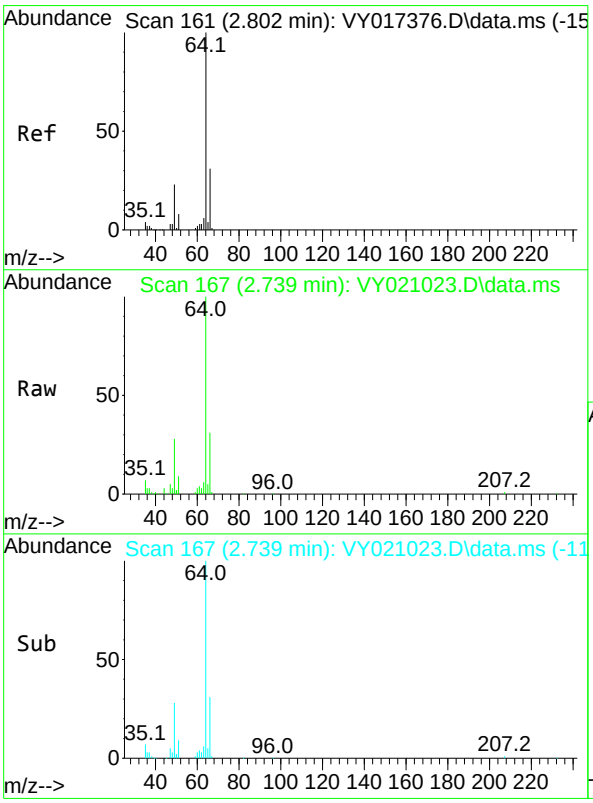
#5
Bromomethane
Concen: 68.257 ug/l
RT: 2.605 min Scan# 14
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 94 Resp: 47661

Ion	Ratio	Lower	Upper
94	100		
96	95.6	77.4	116.0

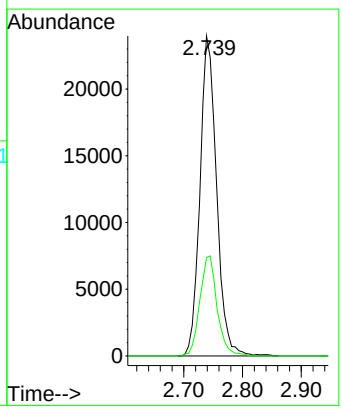


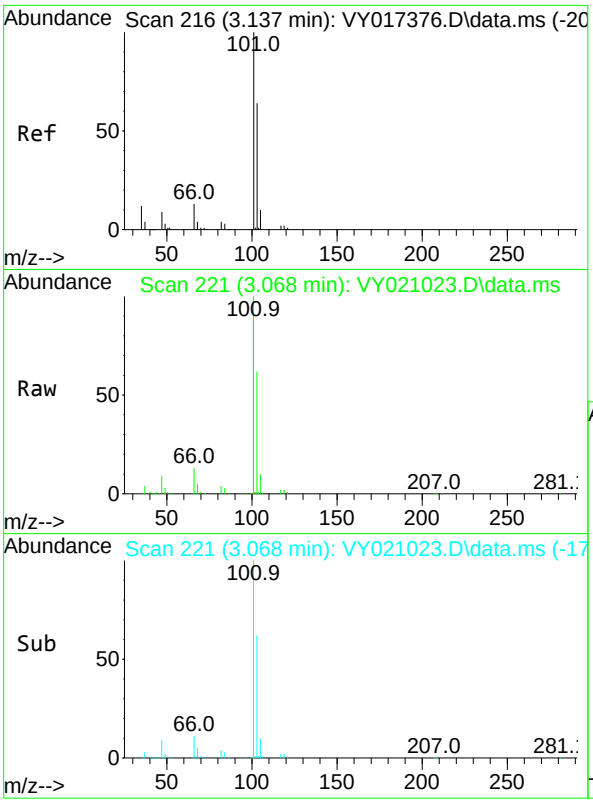


#6
Chloroethane
Concen: 78.268 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 64 Resp: 47159

Ion	Ratio	Lower	Upper
64	100		
66	30.7	25.0	37.4



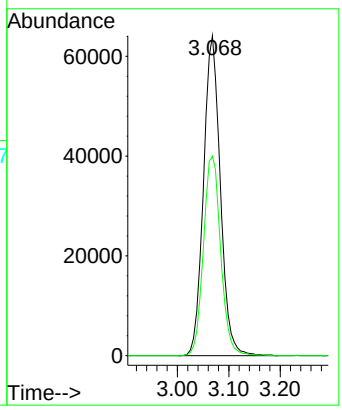


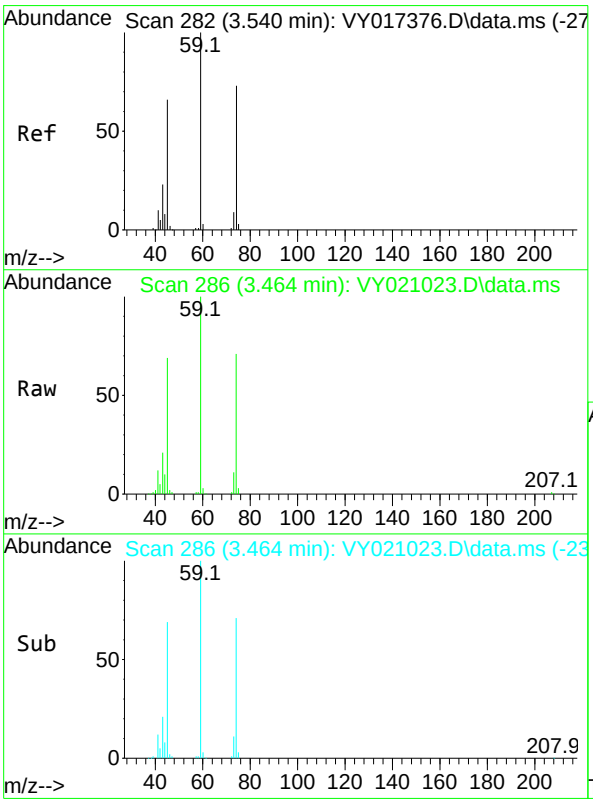
#7
Trichlorofluoromethane
Concen: 58.690 ug/l
RT: 3.068 min Scan# 2
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 146090

Ion	Ratio	Lower	Upper
101	100		
103	62.4	50.9	76.3

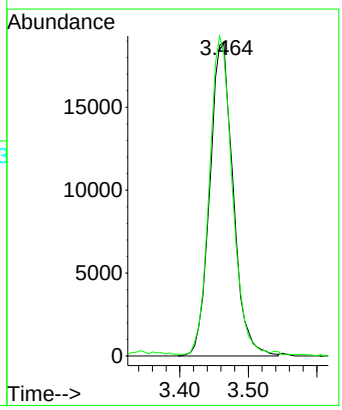


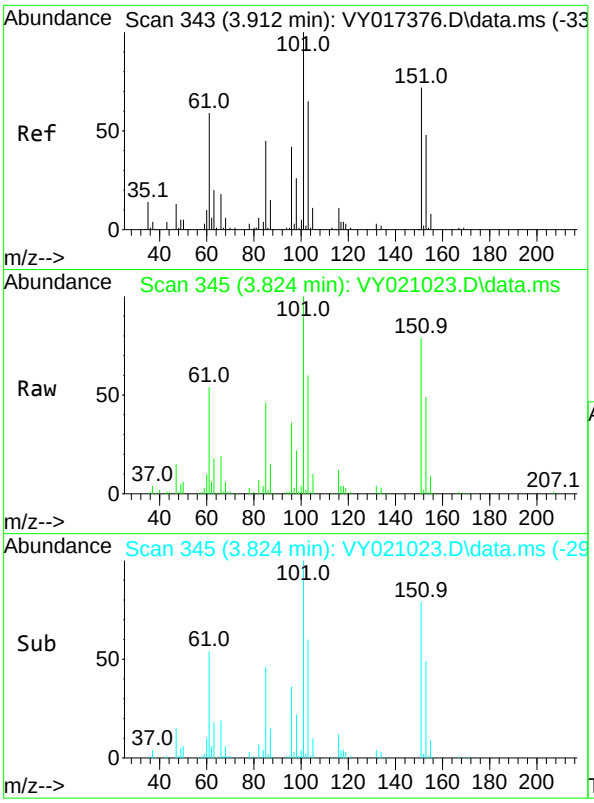


#8
Diethyl Ether
Concen: 60.281 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 74 Resp: 44796

Ion	Ratio	Lower	Upper
74	100		
45	100.0	43.4	130.2



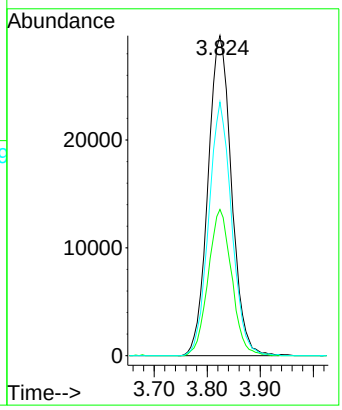


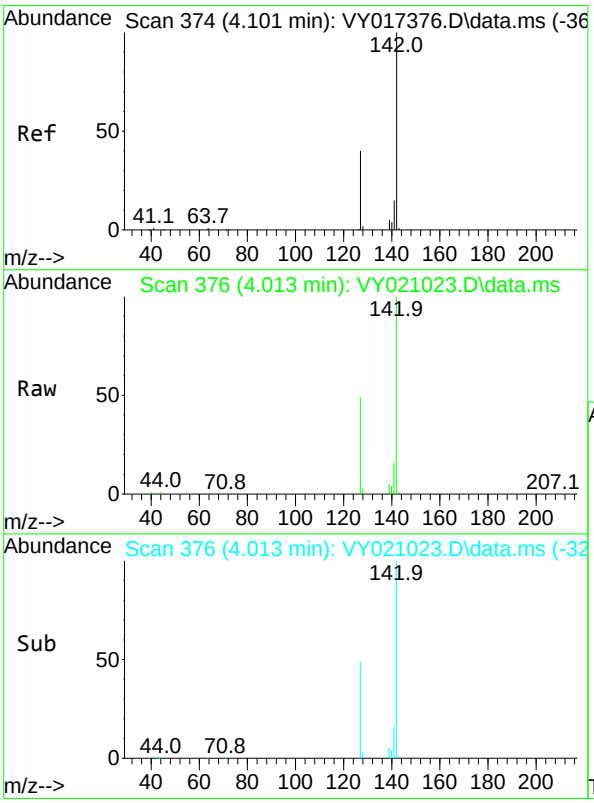
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.564 ug/l
RT: 3.824 min Scan# 34
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 91456

Ion	Ratio	Lower	Upper
101	100		
85	45.5	34.9	52.3
151	77.5	66.8	100.2

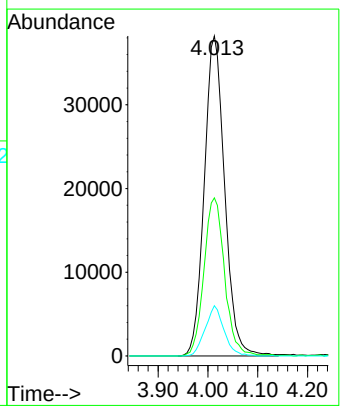


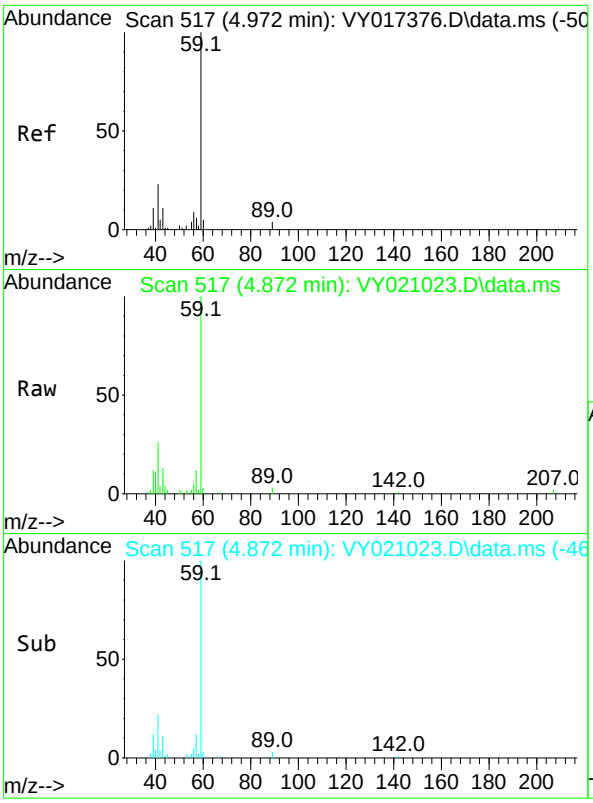


#10
Methyl Iodide
Concen: 56.607 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:142 Resp: 108576

Ion	Ratio	Lower	Upper
142	100		
127	49.8	38.9	58.3
141	14.5	11.7	17.5



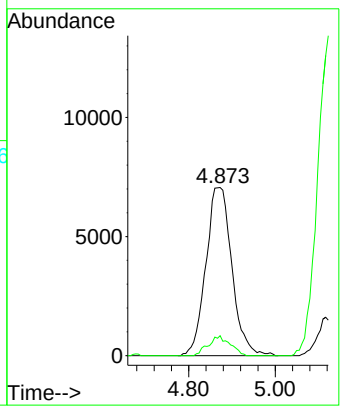


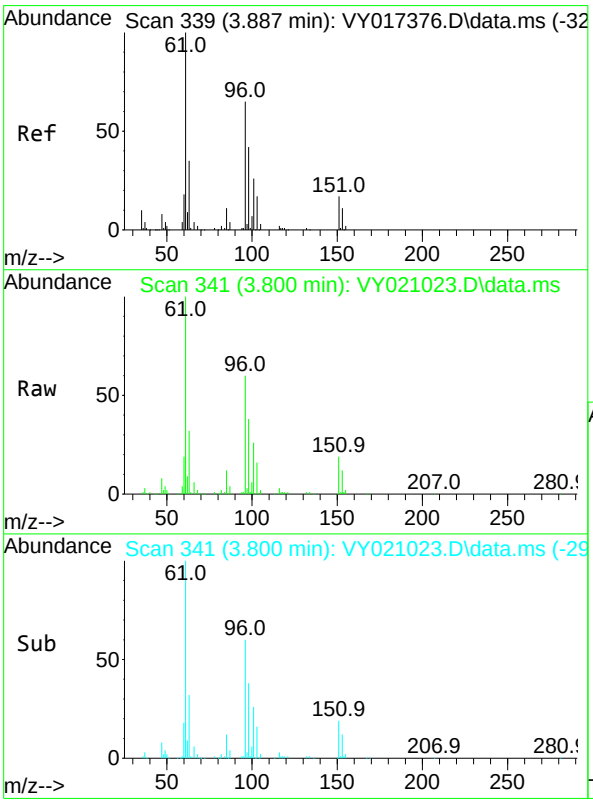
#11
Tert butyl alcohol
Concen: 256.470 ug/l
RT: 4.872 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 29518

Ion	Ratio	Lower	Upper
59	100		
57	9.9	7.8	11.8

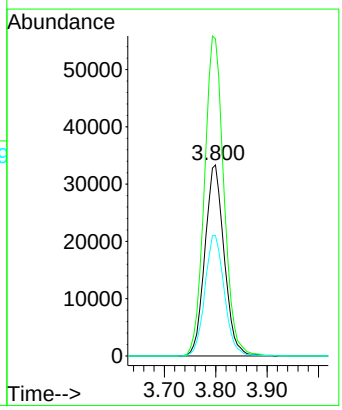


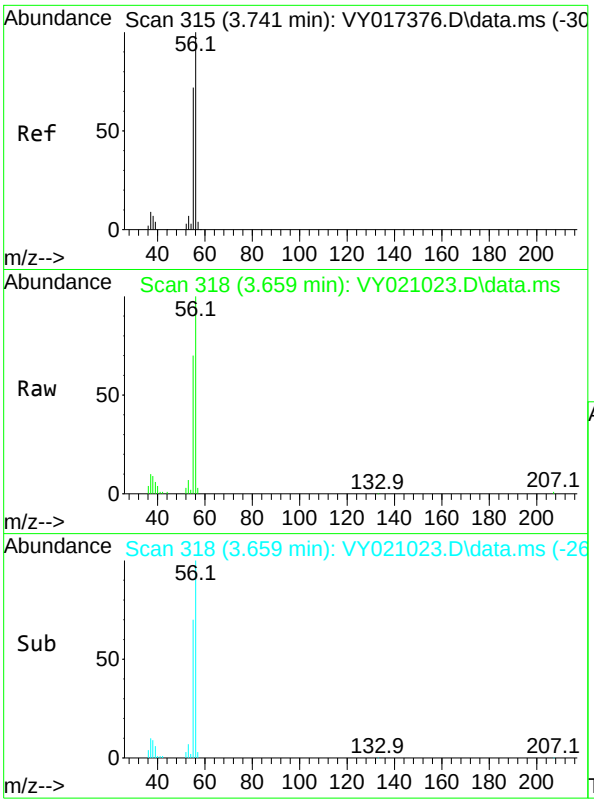


#12
1,1-Dichloroethene
Concen: 55.452 ug/l
RT: 3.800 min Scan# 341
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 96 Resp: 86860

Ion	Ratio	Lower	Upper
96	100		
61	166.1	120.8	181.2
98	63.1	50.6	76.0



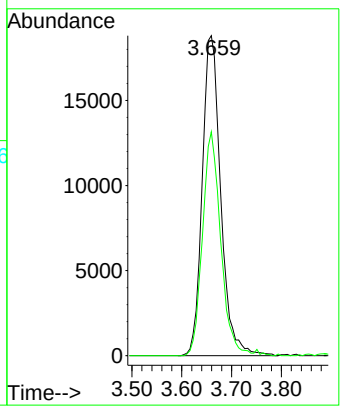


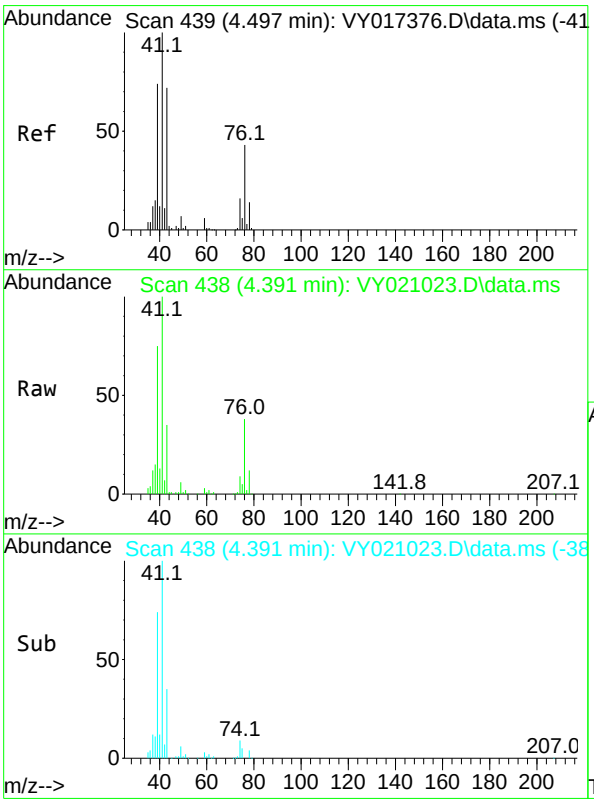
#13
Acrolein
Concen: 365.513 ug/l
RT: 3.659 min Scan# 3
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 48444

Ion	Ratio	Lower	Upper
56	100		
55	68.6	56.1	84.1

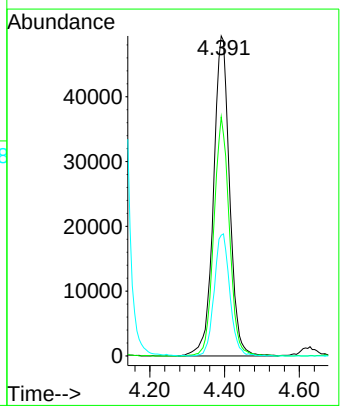


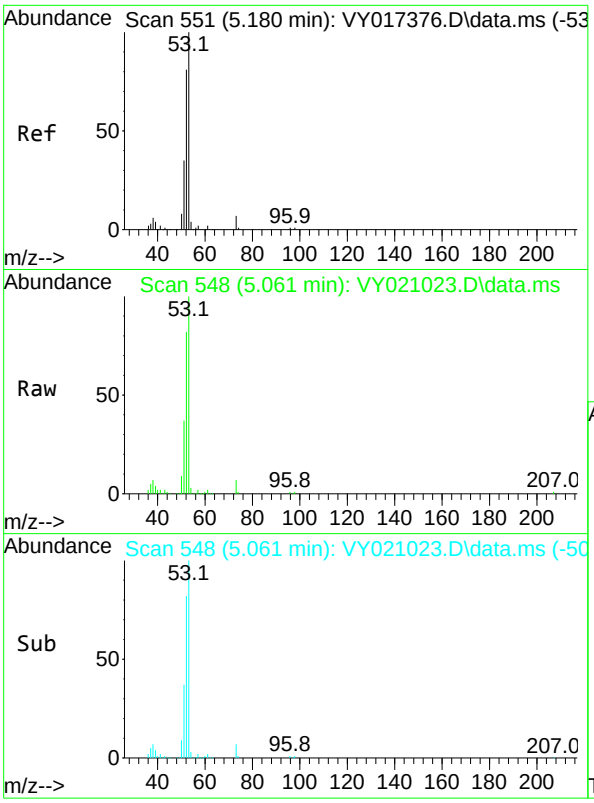


#14
Allyl chloride
Concen: 68.676 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 41 Resp: 148096

Ion	Ratio	Lower	Upper
41	100		
39	71.5	53.5	80.3
76	37.1	34.6	52.0



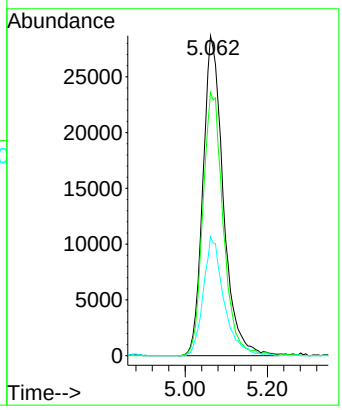


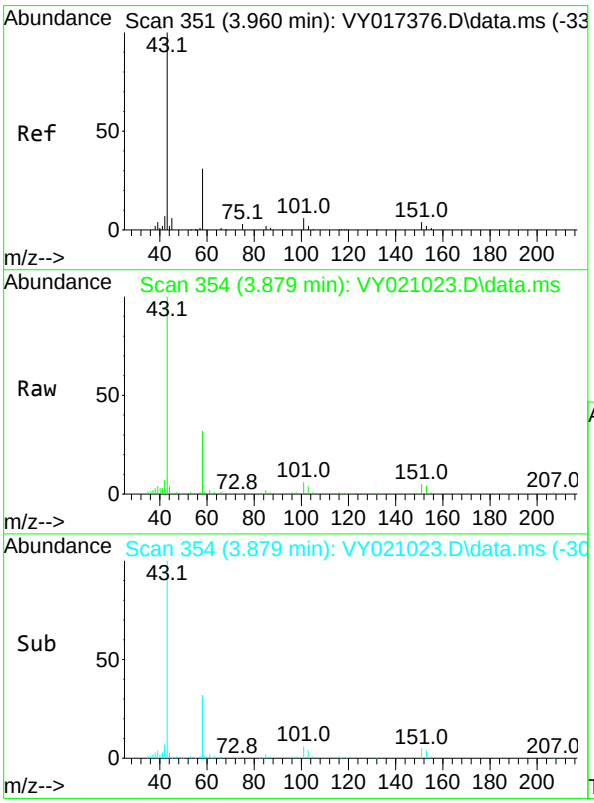
#15
Acrylonitrile
Concen: 322.040 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 53 Resp: 98437

Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.2	99.4
51	37.4	29.4	44.0

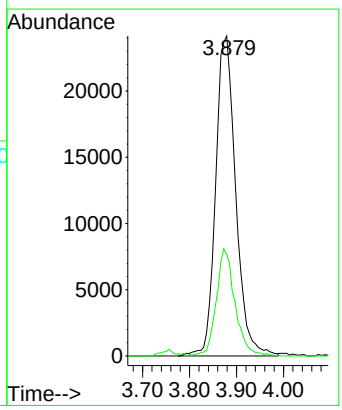


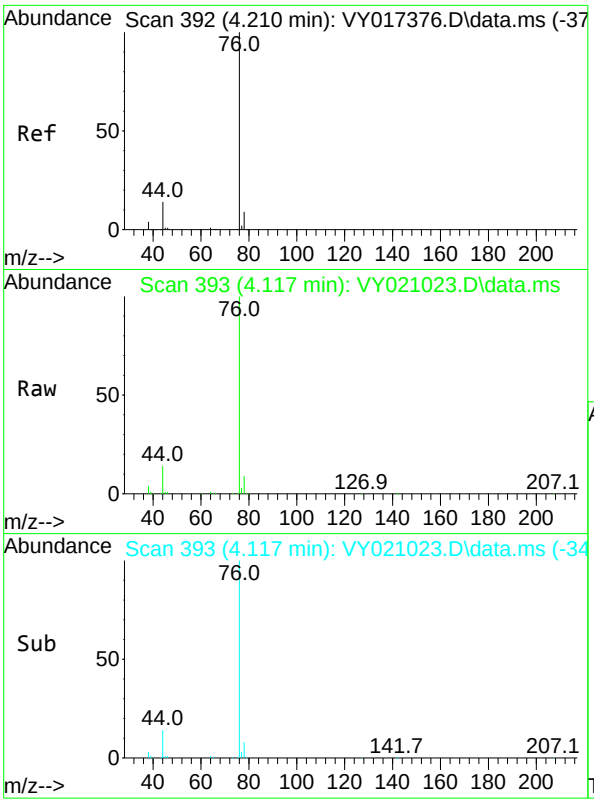


#16
Acetone
Concen: 333.889 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.007 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 43 Resp: 71701

Ion	Ratio	Lower	Upper
43	100		
58	31.4	28.4	42.6



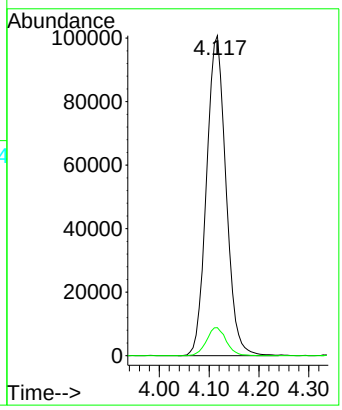


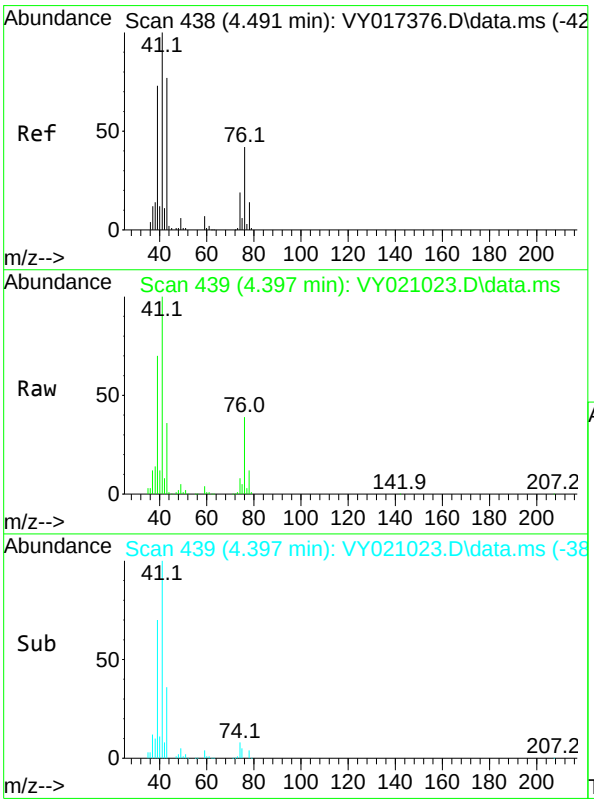
#17
Carbon Disulfide
Concen: 56.574 ug/l
RT: 4.117 min Scan# 3
Delta R.T. 0.007 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 272934

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.3	10.9

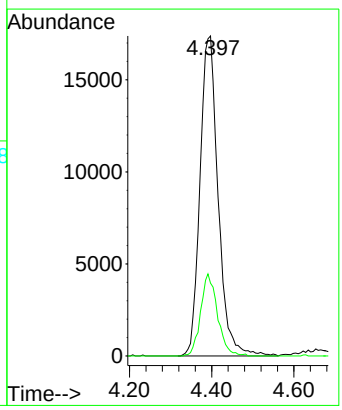


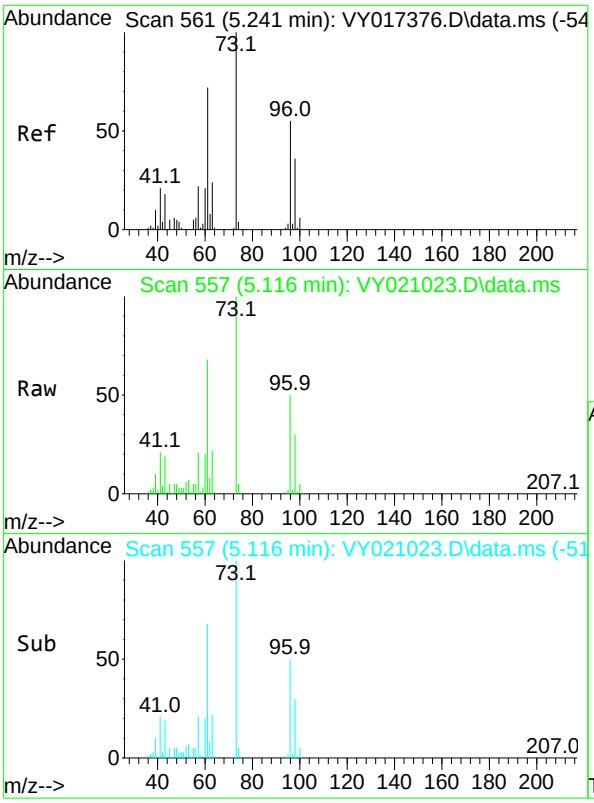


#18
Methyl Acetate
Concen: 70.789 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.007 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 43 Resp: 53193

Ion	Ratio	Lower	Upper
43	100		
74	23.8	22.2	33.4



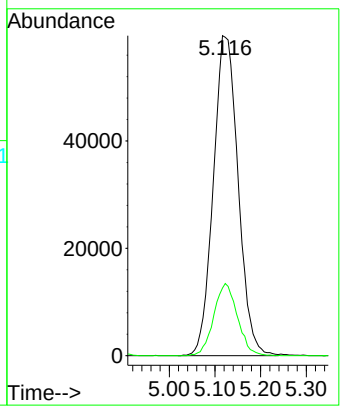


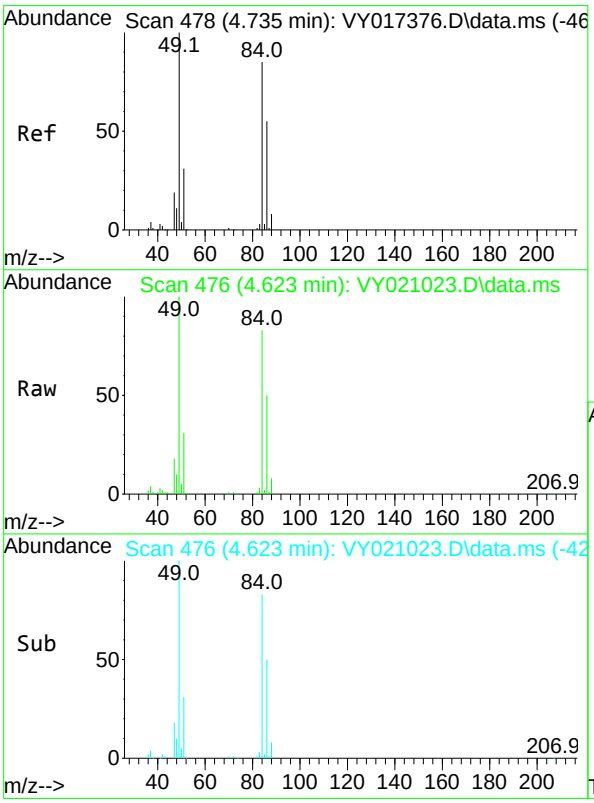
#19
Methyl tert-butyl Ether
Concen: 61.726 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 225045

Ion	Ratio	Lower	Upper
73	100		
57	21.1	16.6	25.0

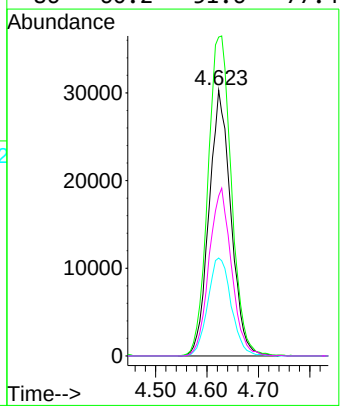


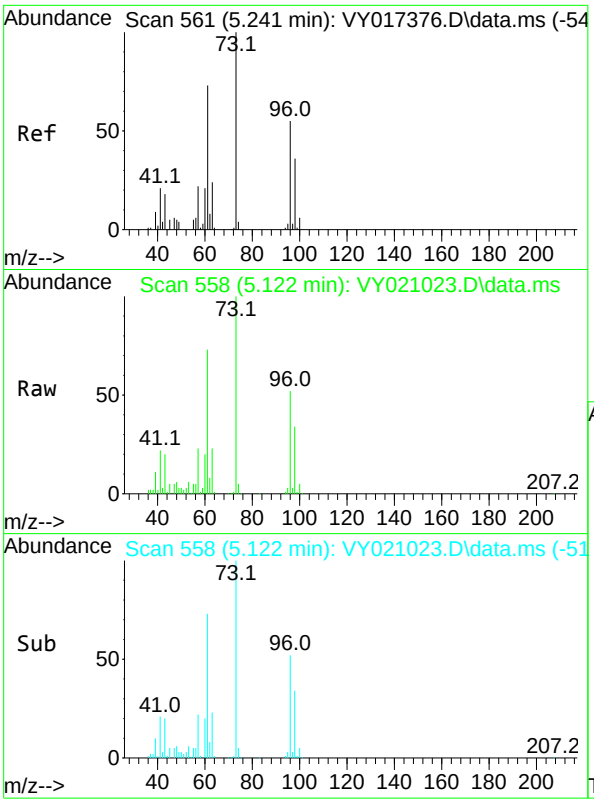


#20
Methylene Chloride
Concen: 56.645 ug/l
RT: 4.623 min Scan# 476
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 84 Resp: 89716

Ion	Ratio	Lower	Upper
84	100		
49	120.0	88.3	132.5
51	36.8	27.7	41.5
86	60.2	51.6	77.4



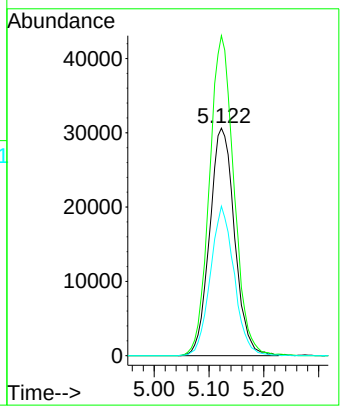


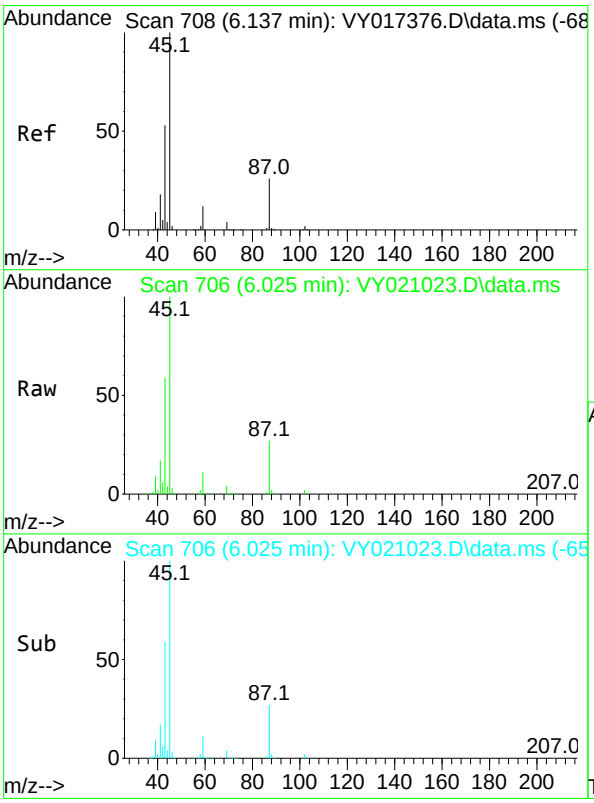
#21
trans-1,2-Dichloroethene
Concen: 57.552 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 96653

Ion	Ratio	Lower	Upper
96	100		
61	140.7	101.5	152.3
98	65.7	52.0	78.0

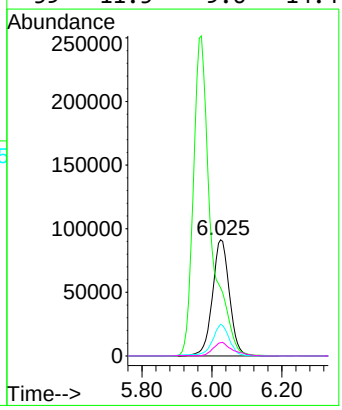


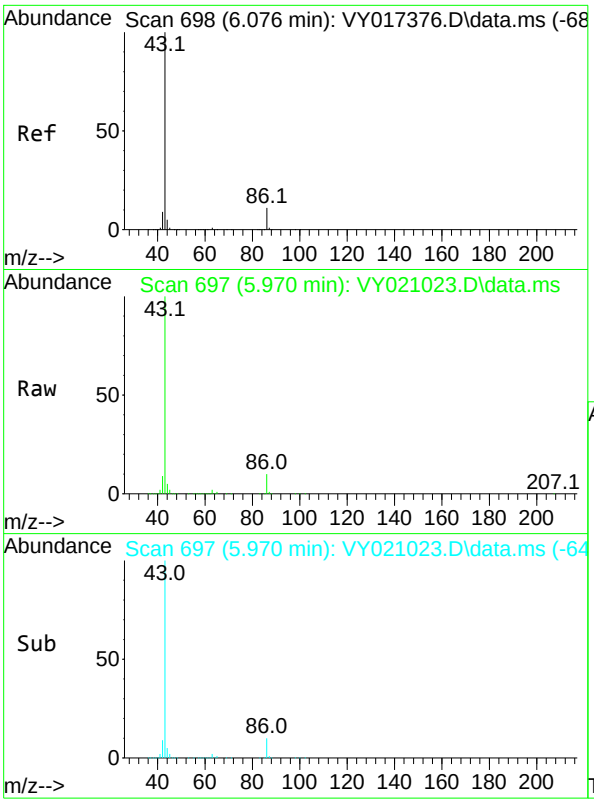


#22
Diisopropyl ether
Concen: 70.111 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 45 Resp: 308181

Ion	Ratio	Lower	Upper
45	100		
43	58.4	45.1	67.7
87	27.2	25.0	37.4
59	11.5	9.6	14.4



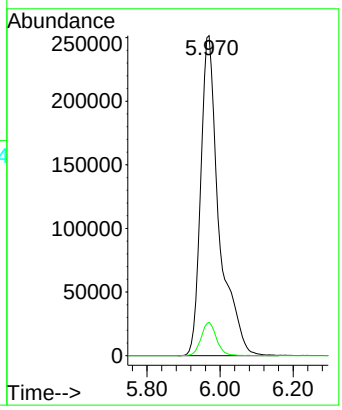


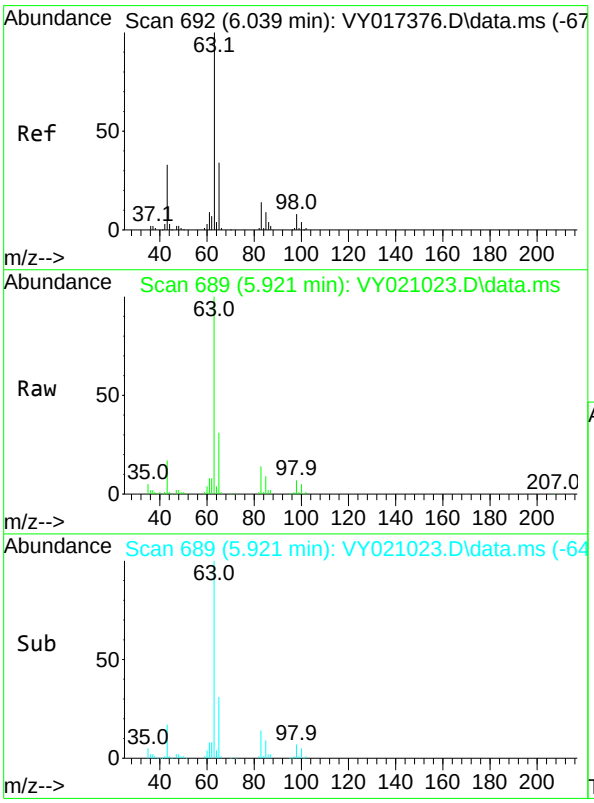
#23
Vinyl Acetate
Concen: 360.173 ug/l
RT: 5.970 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 876749

Ion	Ratio	Lower	Upper
43	100		
86	10.5	9.7	14.5

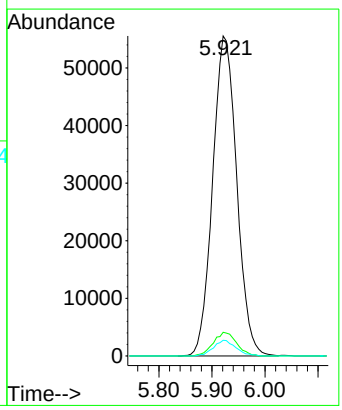


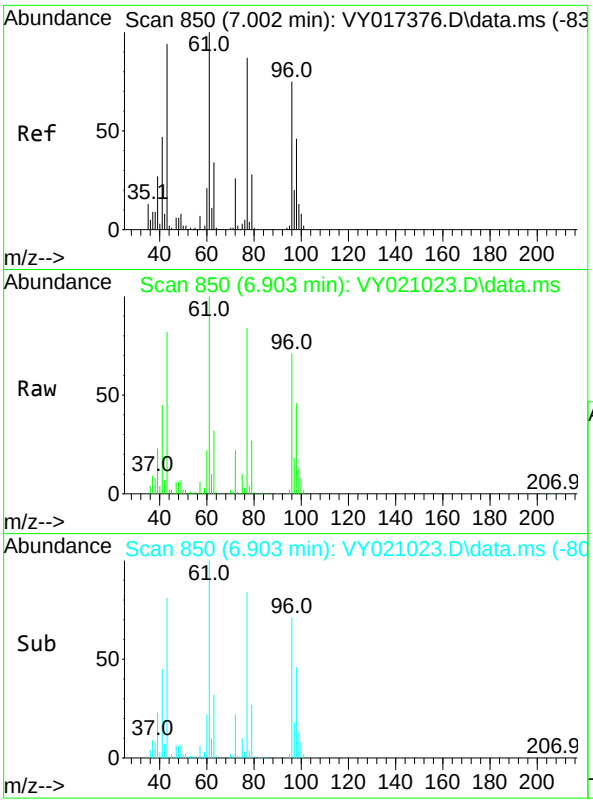


#24
1,1-Dichloroethane
Concen: 61.815 ug/l
RT: 5.921 min Scan# 689
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 63 Resp: 175291

Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.7	11.1
100	4.9	2.4	7.2



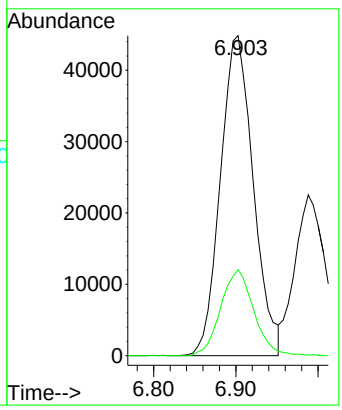


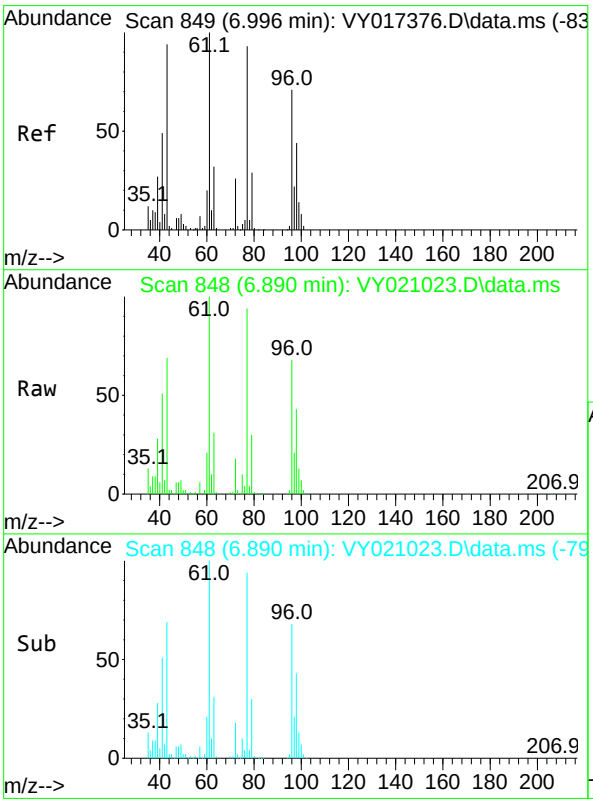
#25
2-Butanone
Concen: 342.981 ug/l
RT: 6.903 min Scan# 8
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 124949

Ion	Ratio	Lower	Upper
43	100		
72	26.9	24.3	36.5

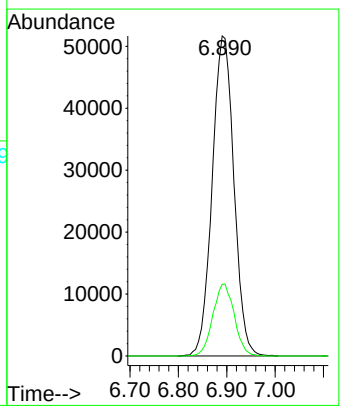


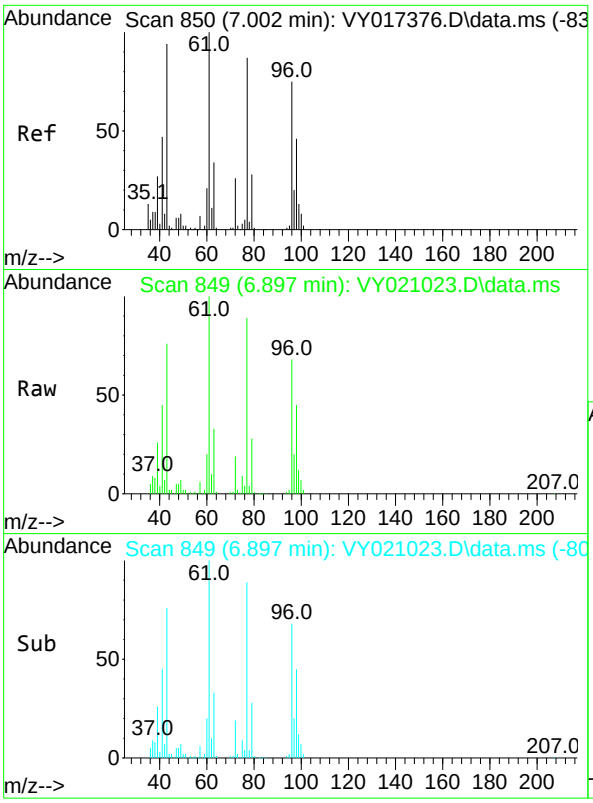


#26
2,2-Dichloropropane
Concen: 57.651 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 77 Resp: 160962

Ion	Ratio	Lower	Upper
77	100		
97	22.2	11.4	34.2



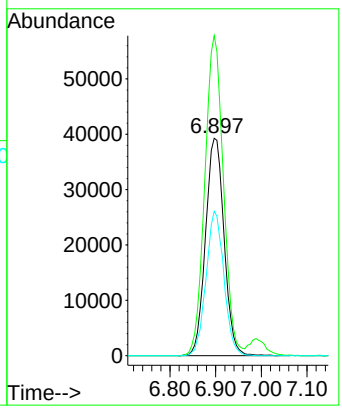


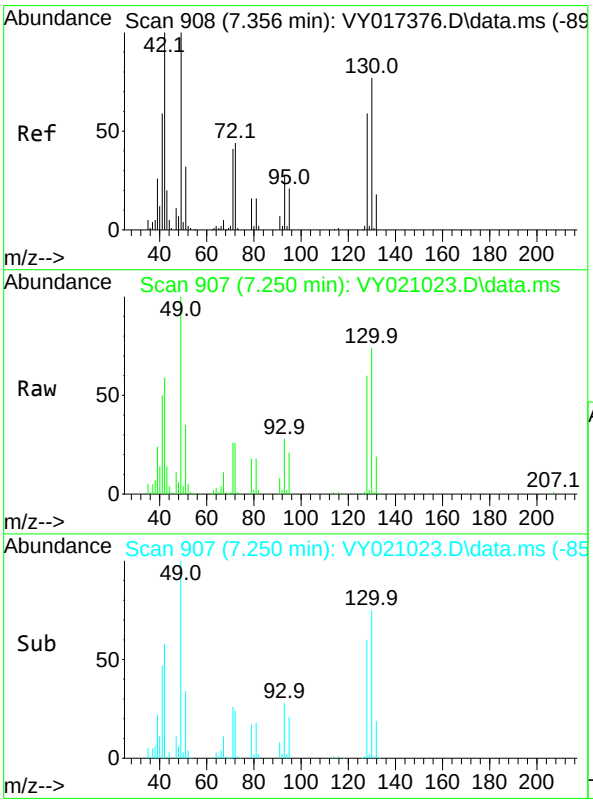
#27
cis-1,2-Dichloroethene
Concen: 57.437 ug/l
RT: 6.897 min Scan# 84
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 110873

Ion	Ratio	Lower	Upper
96	100		
61	147.1	0.0	274.0
98	64.0	0.0	130.4

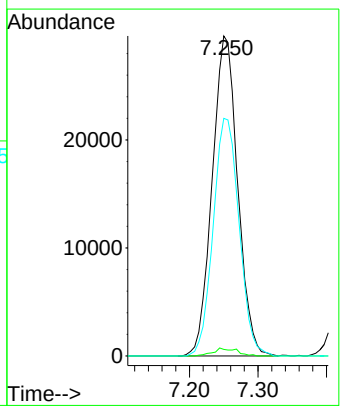


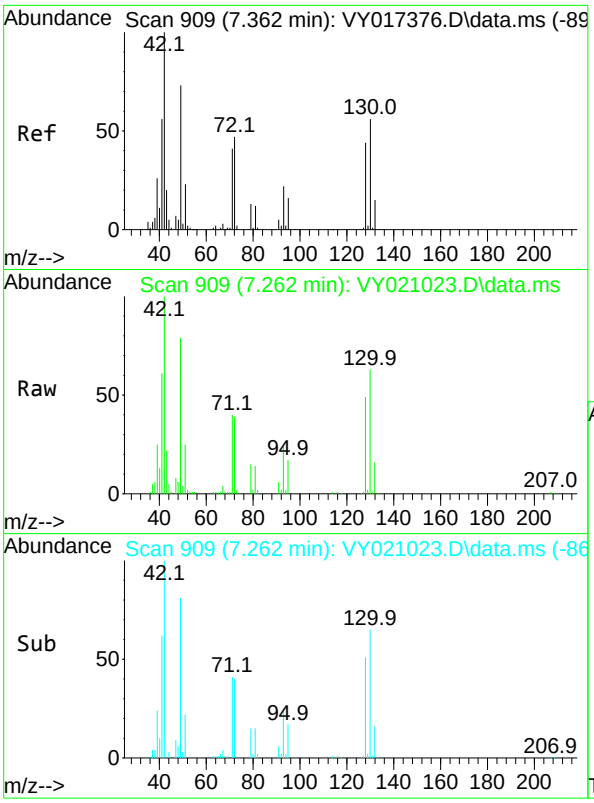


#28
Bromochloromethane
Concen: 72.370 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 49 Resp: 76460

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.0
130	75.5	73.2	109.8



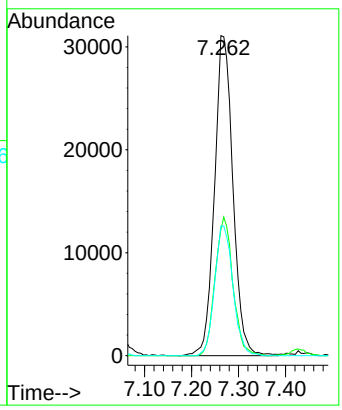


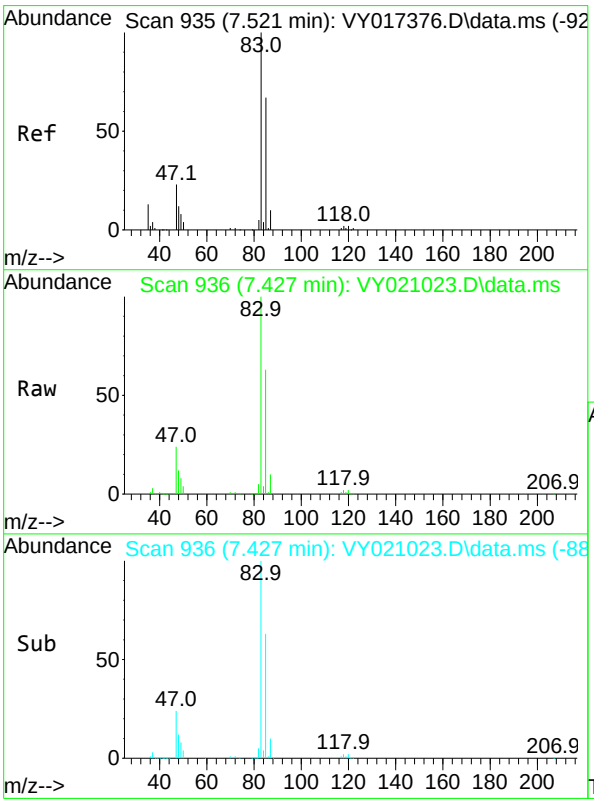
#29
Tetrahydrofuran
Concen: 346.176 ug/l
RT: 7.262 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 84863

Ion	Ratio	Lower	Upper
42	100		
72	41.9	39.3	58.9
71	40.3	36.1	54.1

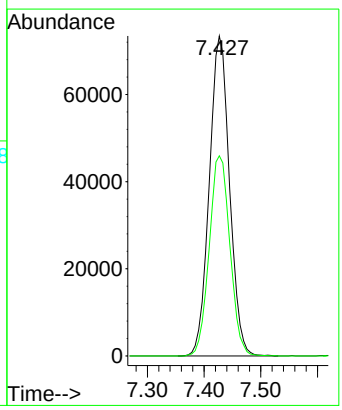


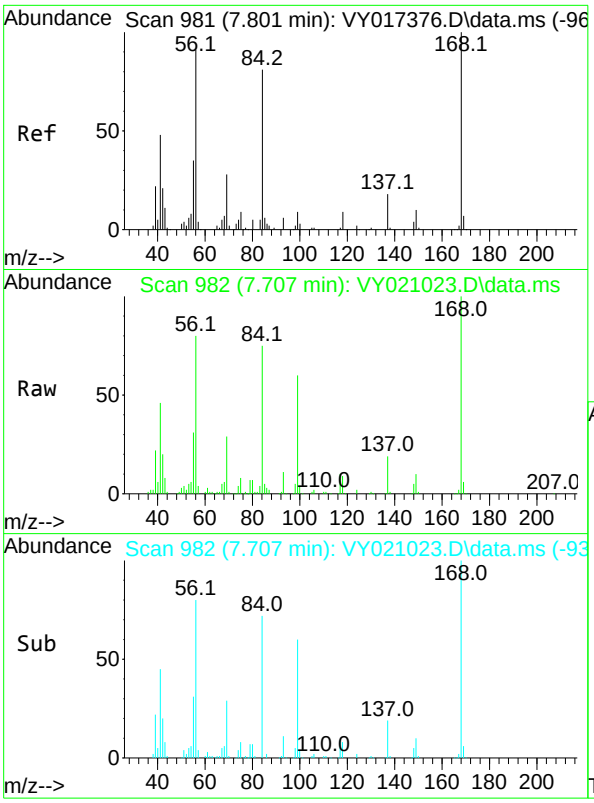


#30
Chloroform
Concen: 59.167 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 83 Resp: 181725

Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.9	79.3



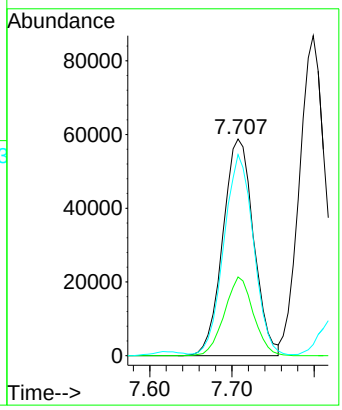


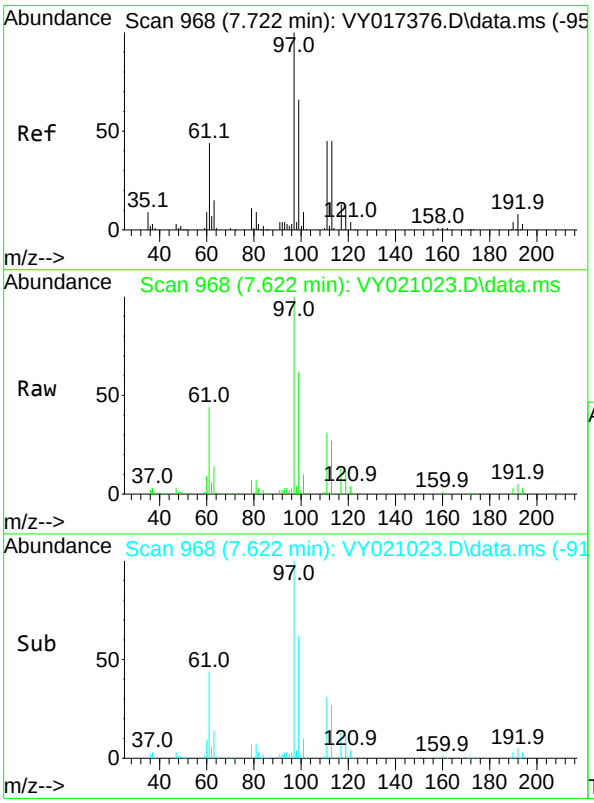
#31
Cyclohexane
Concen: 55.203 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 153013

Ion	Ratio	Lower	Upper
56	100		
69	36.3	27.7	41.5
84	91.5	77.5	116.3

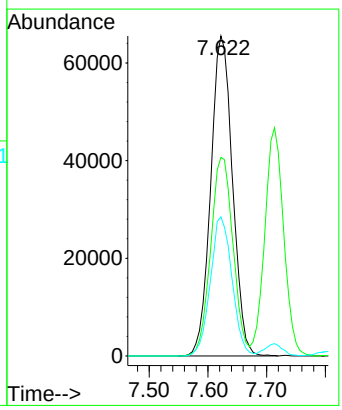


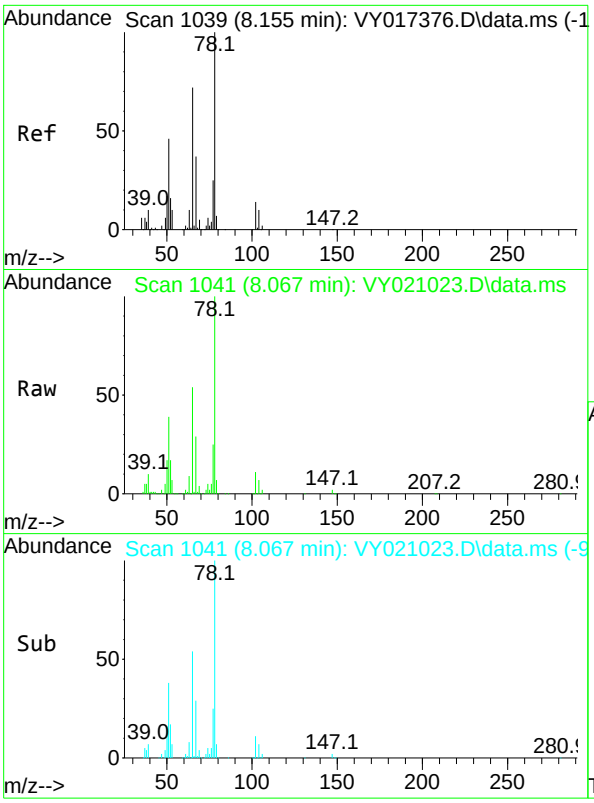


#32
1,1,1-Trichloroethane
Concen: 56.771 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 97 Resp: 168751

Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.4	77.0
61	43.3	31.4	47.0



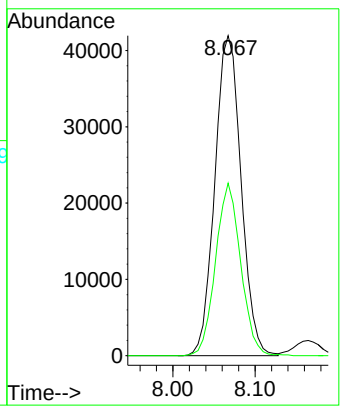


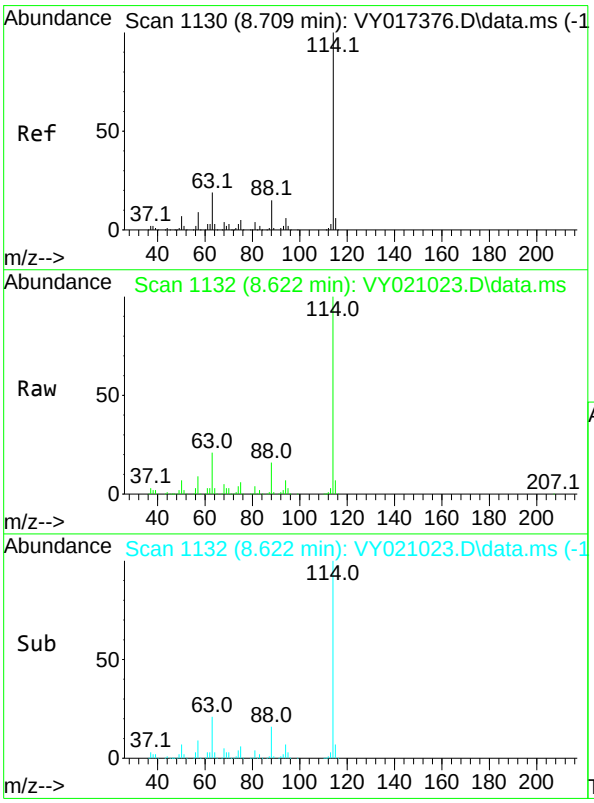
#33
1,2-Dichloroethane-d4
Concen: 59.079 ug/l
RT: 8.067 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 93084

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	104.4

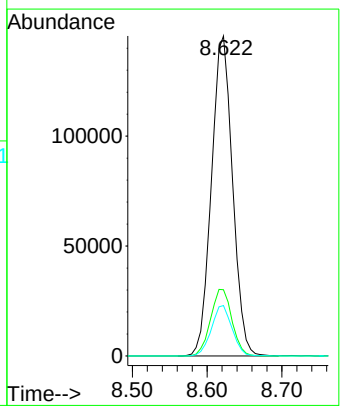


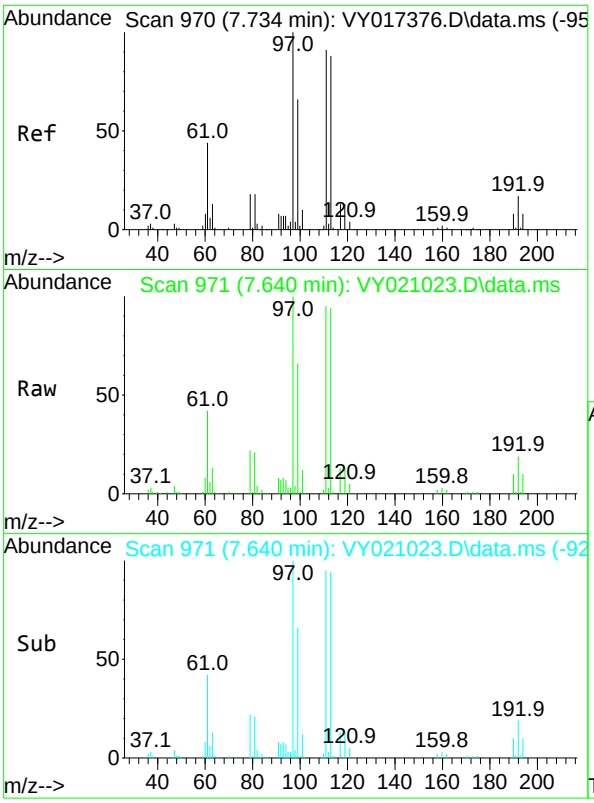


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:114 Resp: 285755

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	37.2
88	15.8	0.0	29.6



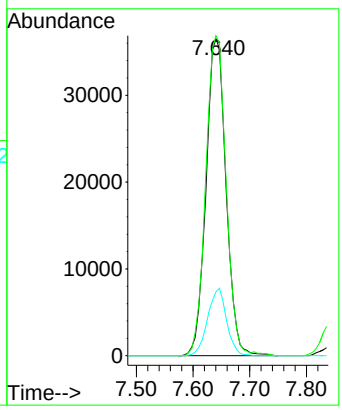


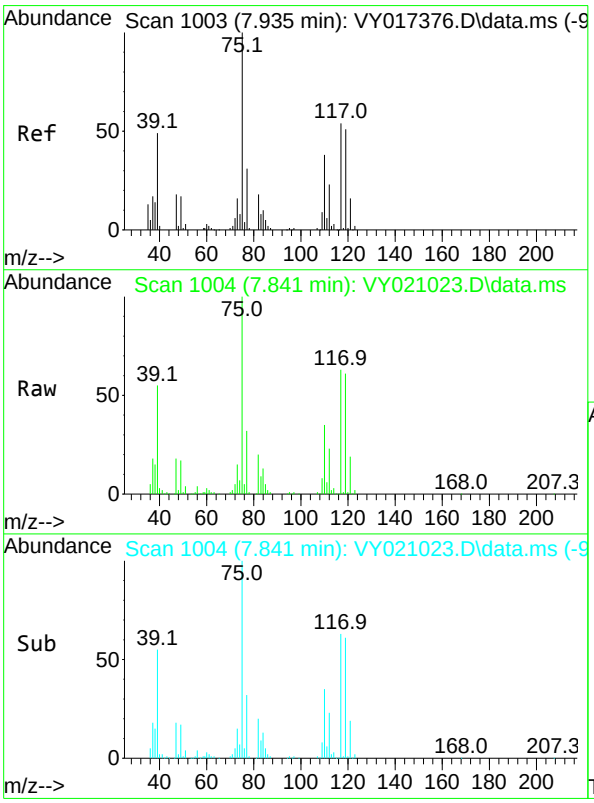
#35
Dibromofluoromethane
Concen: 52.107 ug/l
RT: 7.640 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:113 Resp: 89515

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	20.0	16.8	25.2

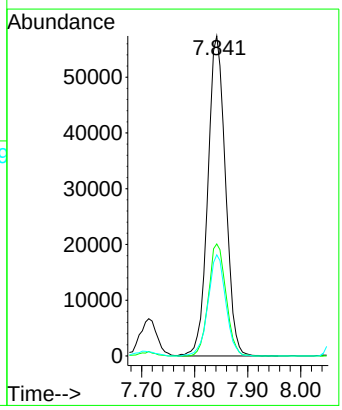


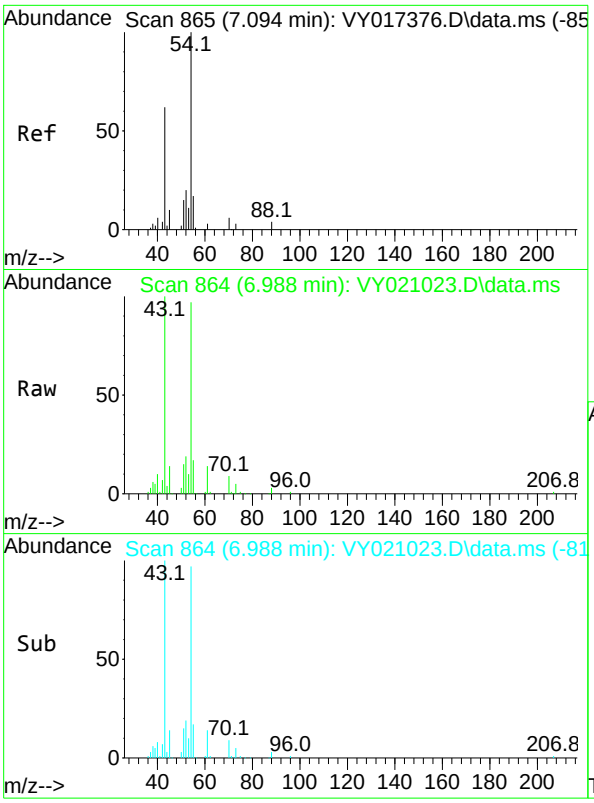


#36
1,1-Dichloropropene
Concen: 54.034 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 75 Resp: 132425

Ion	Ratio	Lower	Upper
75	100		
110	34.8	18.4	55.2
77	31.6	24.9	37.3



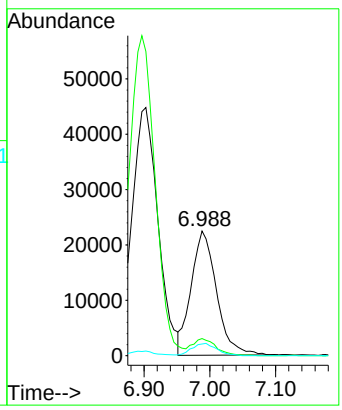


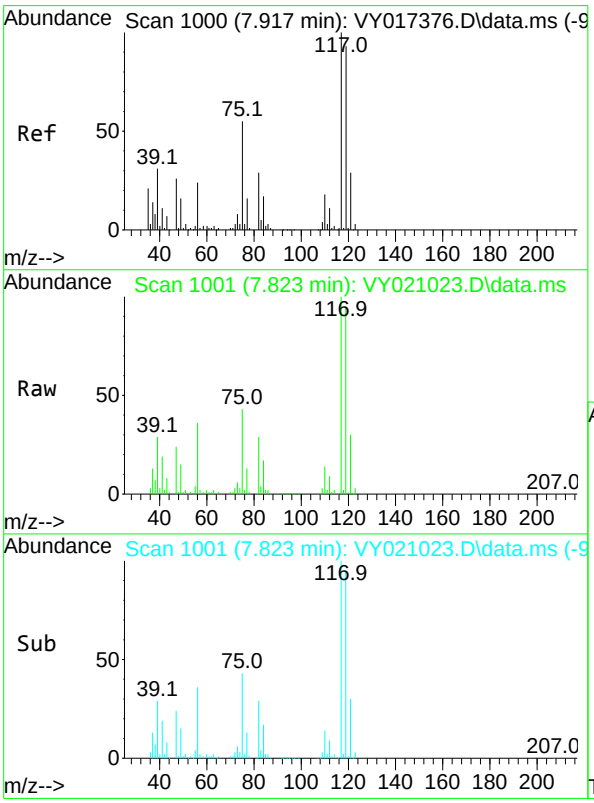
#37
Ethyl Acetate
Concen: 65.852 ug/l
RT: 6.988 min Scan# 8
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 60168

Ion	Ratio	Lower	Upper
43	100		
61	12.9	11.4	17.0
70	9.7	9.6	14.4

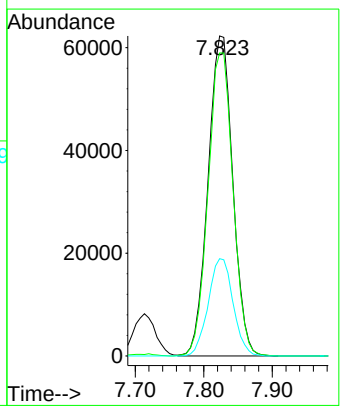


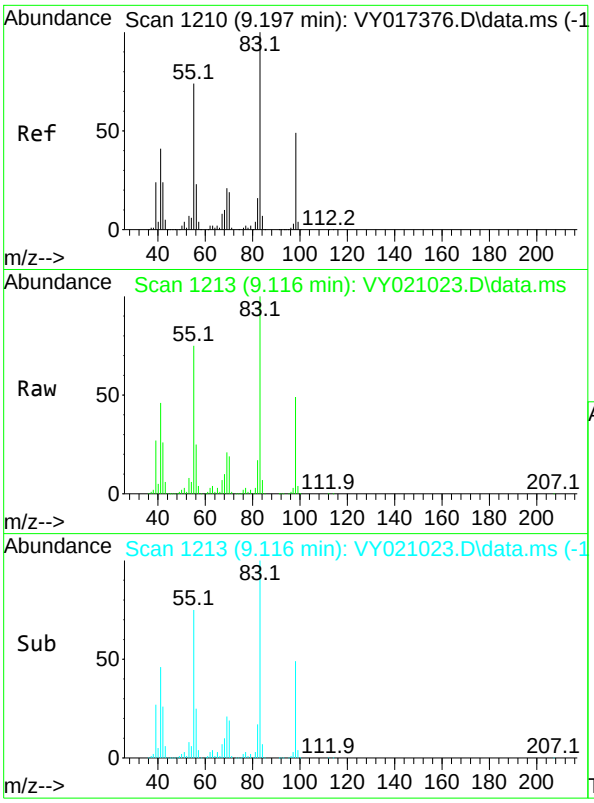


#38
Carbon Tetrachloride
Concen: 51.530 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:117 Resp: 156282

Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.0	112.6
121	30.4	24.2	36.2



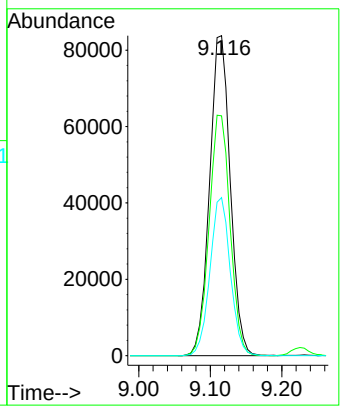


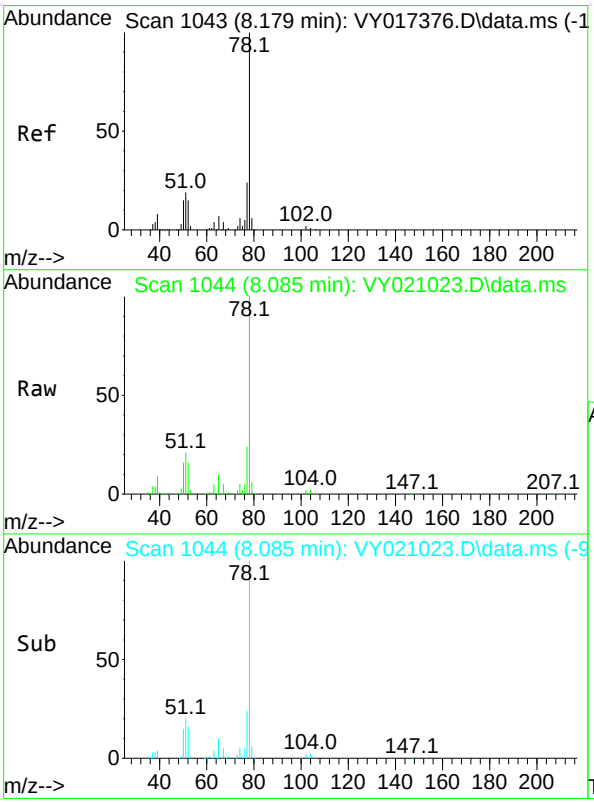
#39
Methylcyclohexane
Concen: 51.064 ug/l
RT: 9.116 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 168118

Ion	Ratio	Lower	Upper
83	100		
55	75.0	54.9	82.3
98	49.4	40.5	60.7

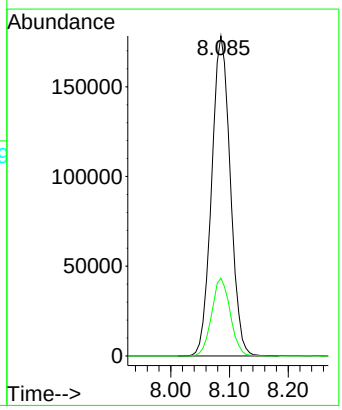


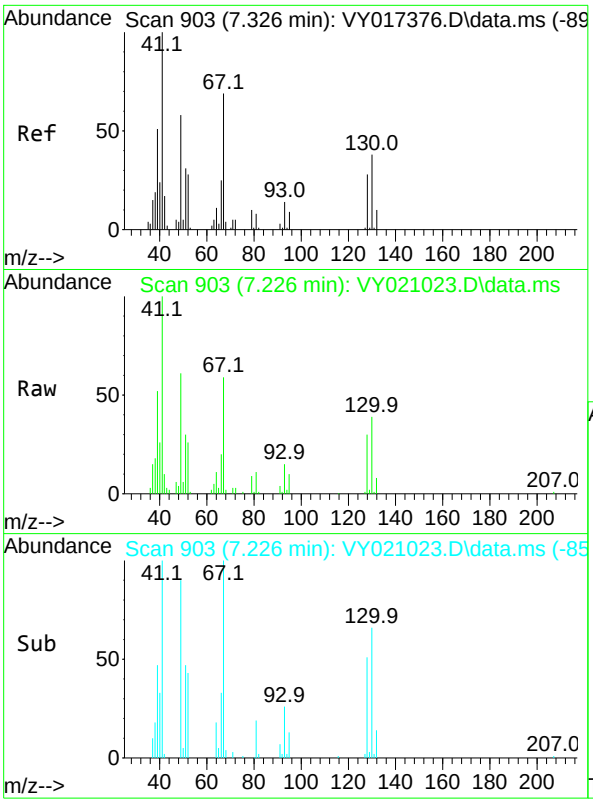


#40
Benzene
Concen: 54.594 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 78 Resp: 393690

Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.4	29.2



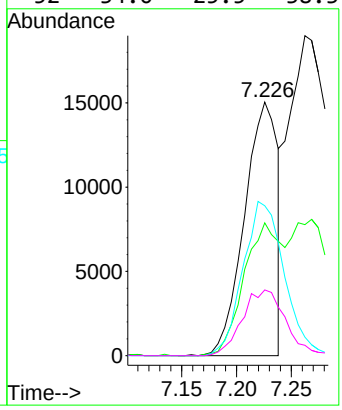


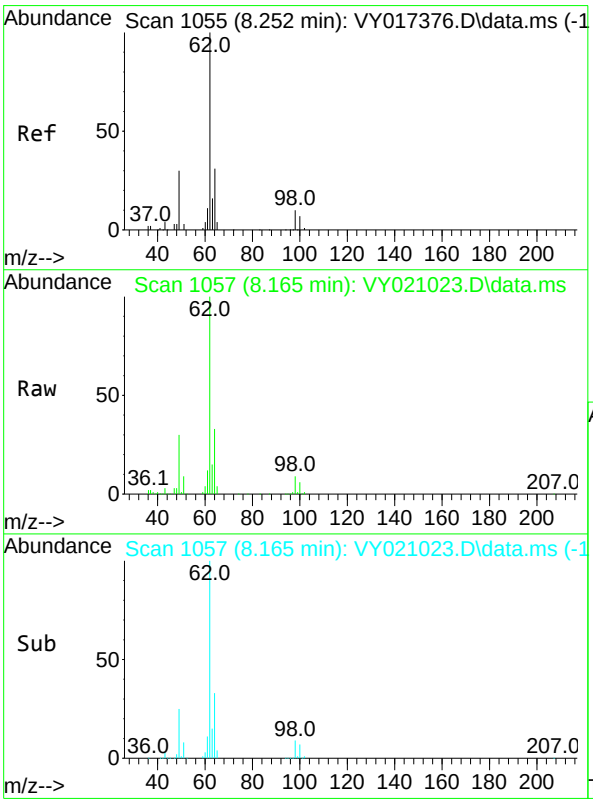
#41
Methacrylonitrile
Concen: 62.707 ug/l
RT: 7.226 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 31701

Ion	Ratio	Lower	Upper
41	100		
39	60.9	41.6	62.4
67	75.8	63.8	95.6
52	34.0	25.5	38.3

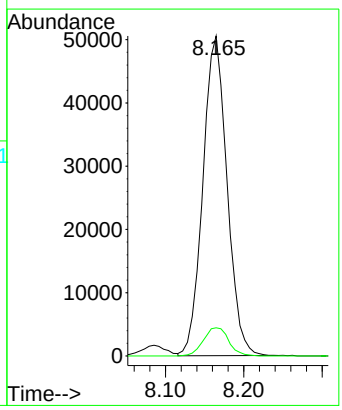


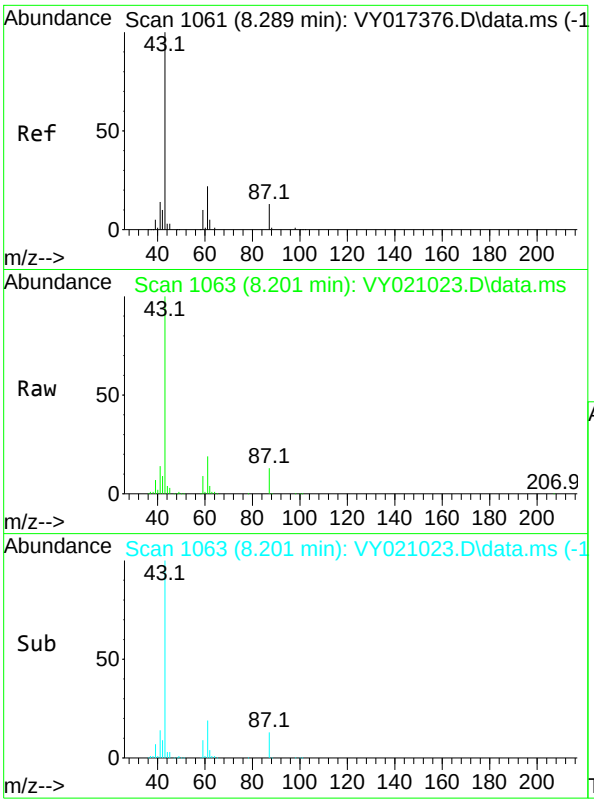


#42
1,2-Dichloroethane
Concen: 59.191 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 62 Resp: 108251

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.4



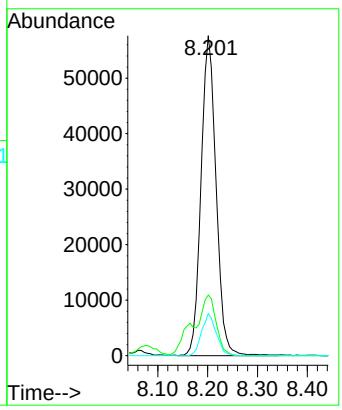


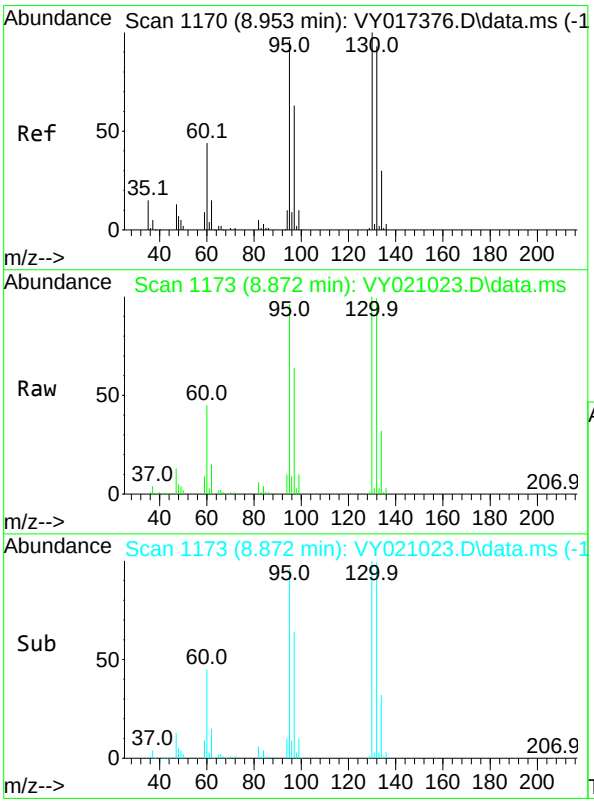
#43
Isopropyl Acetate
Concen: 66.087 ug/l
RT: 8.201 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 120630

Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.8	23.6
87	12.8	12.5	18.7

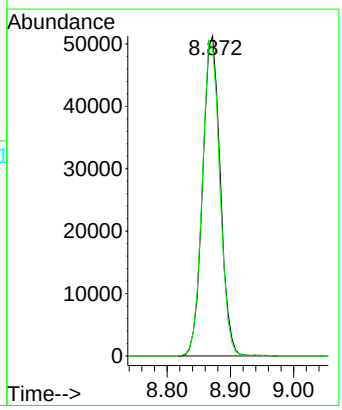


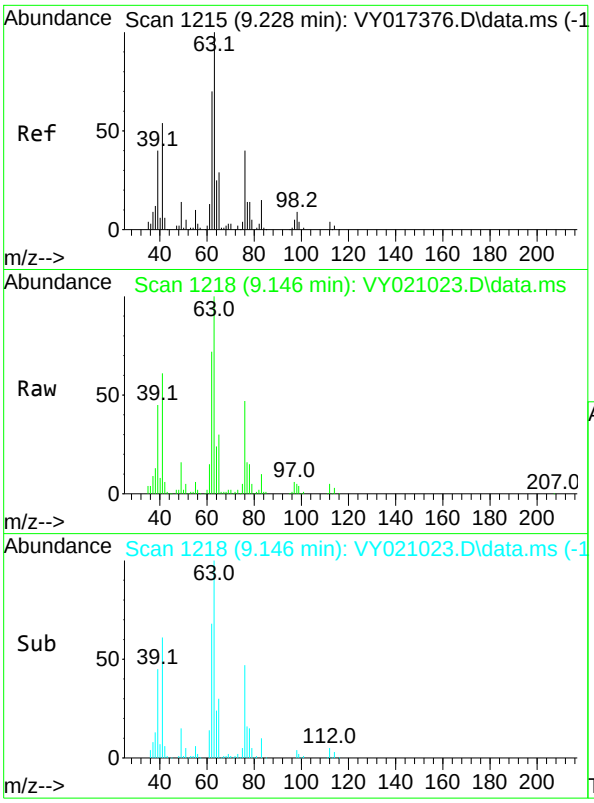


#44
Trichloroethene
Concen: 50.121 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:130 Resp: 99733

Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	189.6



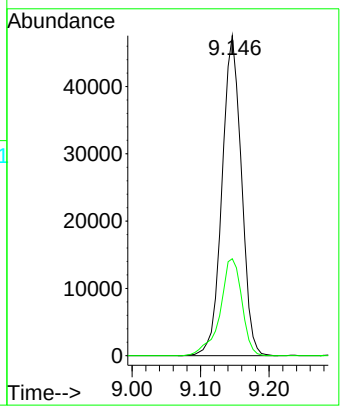


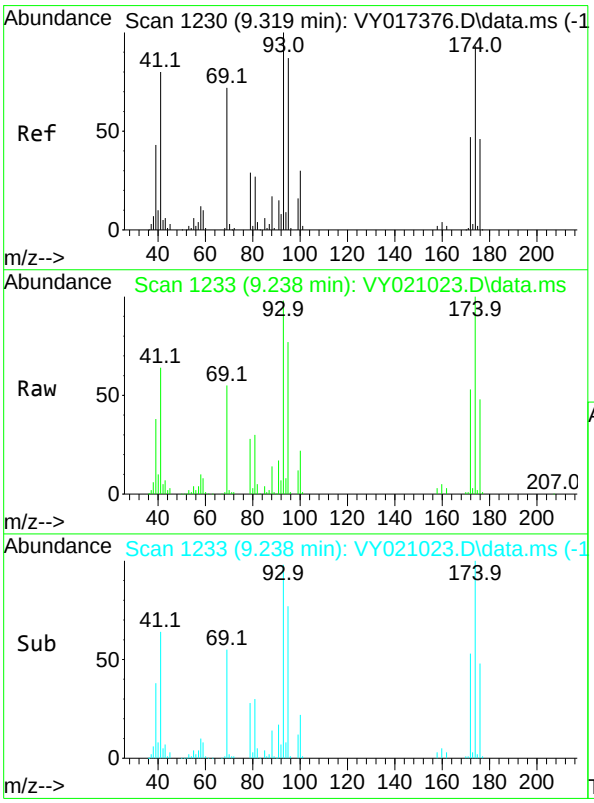
#45
1,2-Dichloropropane
Concen: 57.754 ug/l
RT: 9.146 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 93348

Ion	Ratio	Lower	Upper
63	100		
65	30.3	23.6	35.4

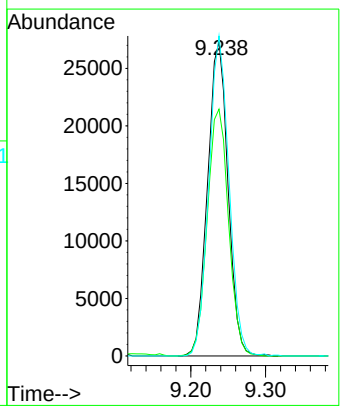


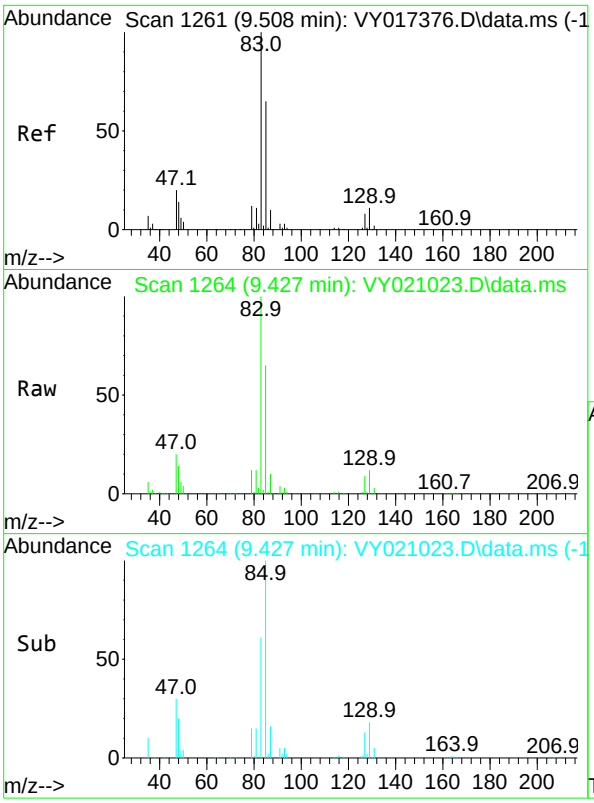


#46
Dibromomethane
Concen: 55.001 ug/l
RT: 9.238 min Scan# 1233
Delta R.T. 0.007 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 93 Resp: 51734

Ion	Ratio	Lower	Upper
93	100		
95	82.0	65.8	98.8
174	100.9	88.1	132.1



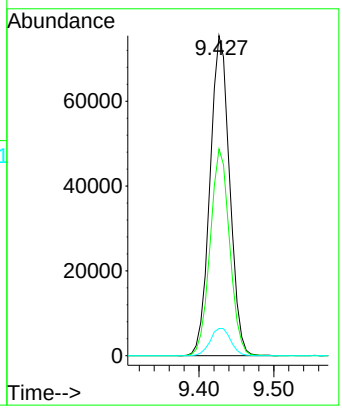


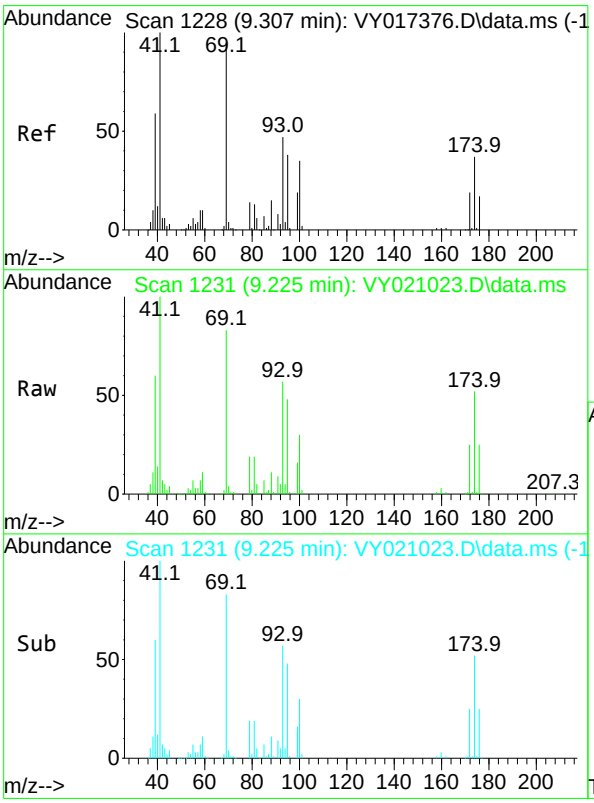
#47
Bromodichloromethane
Concen: 55.807 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 137852

Ion	Ratio	Lower	Upper
83	100		
85	64.6	49.6	74.4
127	8.5	7.1	10.7

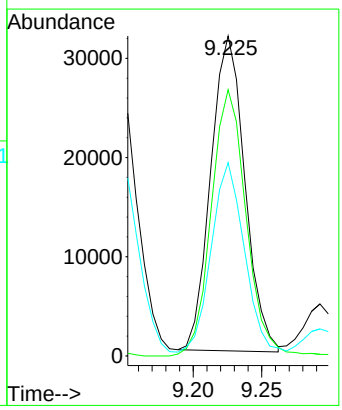


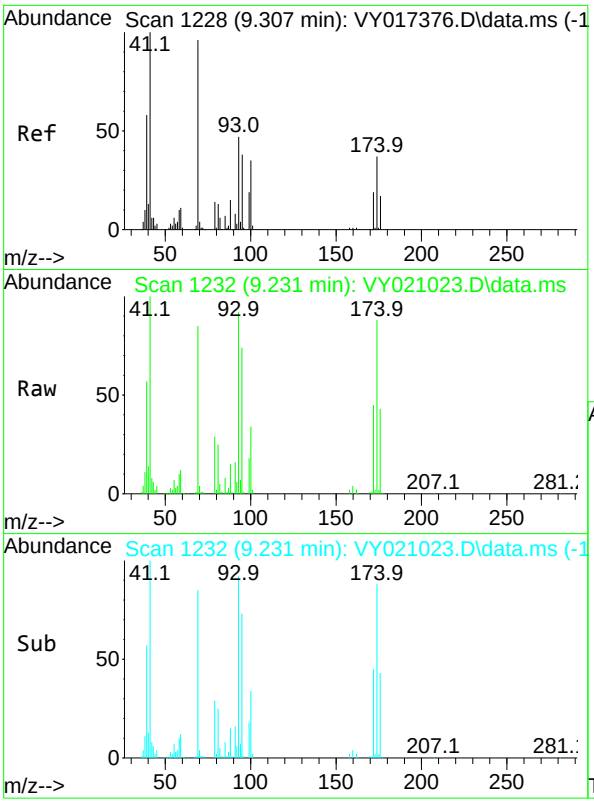


#48
Methyl methacrylate
Concen: 63.113 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 41 Resp: 54848

Ion	Ratio	Lower	Upper
41	100		
69	87.0	75.6	113.4
39	58.6	41.3	61.9



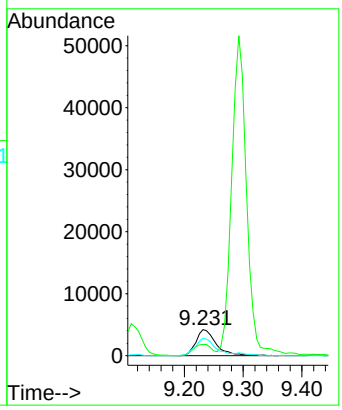


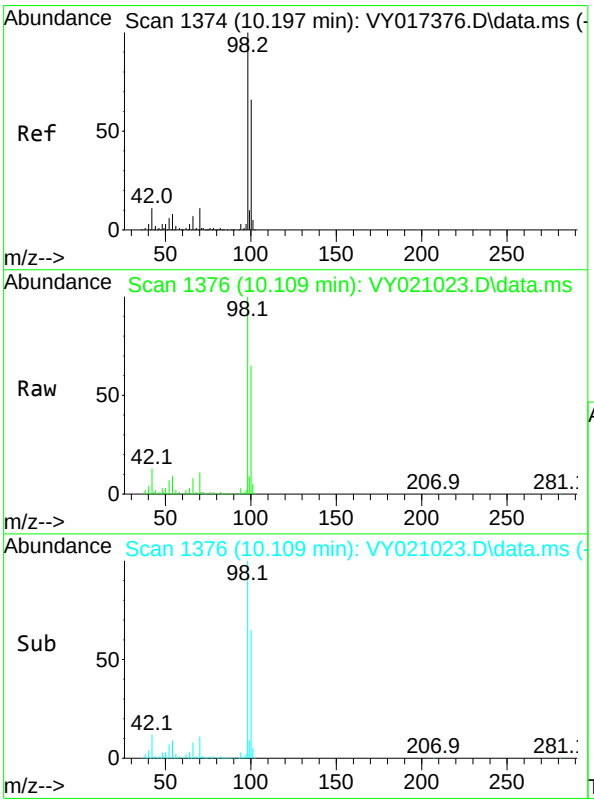
#49
1,4-Dioxane
Concen: 1003.514 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 10030

Ion	Ratio	Lower	Upper
88	100		
43	40.4	24.2	36.4#
58	67.0	57.3	85.9

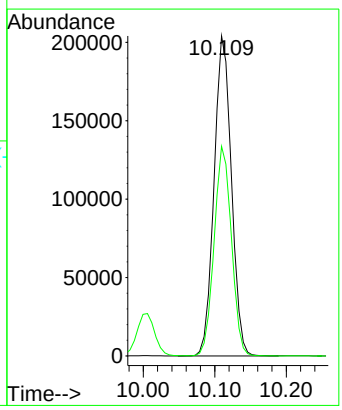


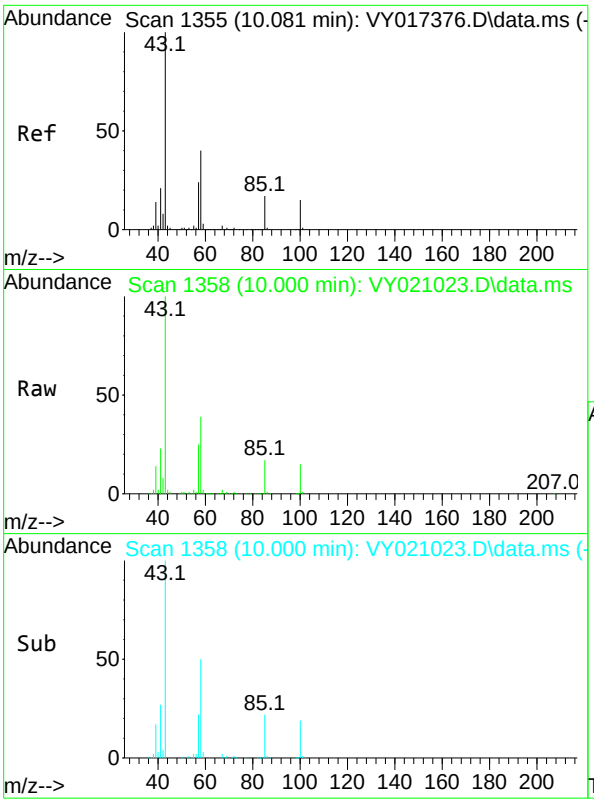


#50
Toluene-d8
Concen: 51.243 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 98 Resp: 343592

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.6	79.0



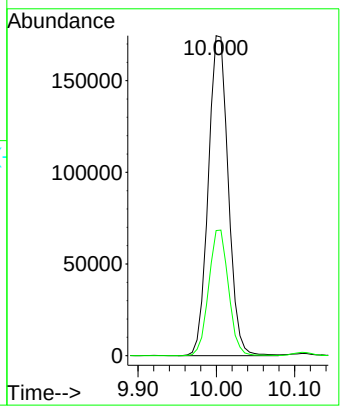


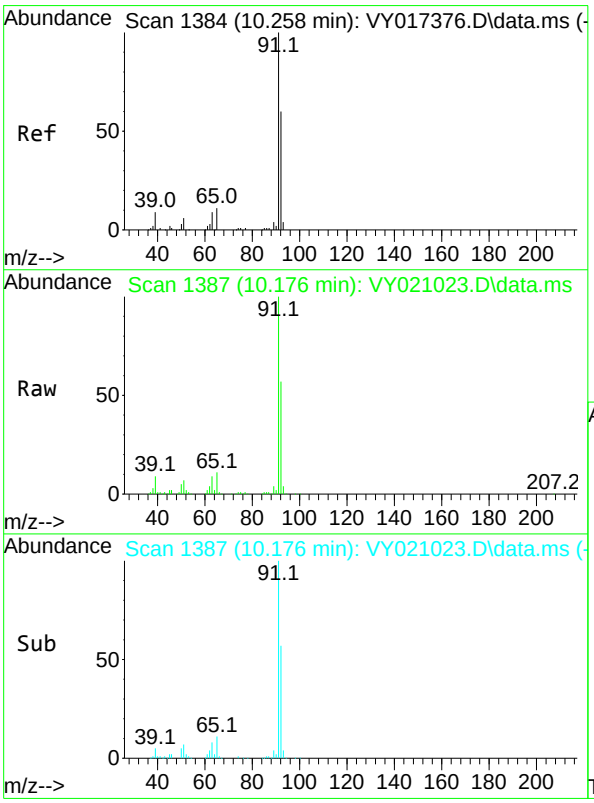
#51
4-Methyl-2-Pentanone
Concen: 329.038 ug/l
RT: 10.000 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 308616

Ion	Ratio	Lower	Upper
43	100		
58	39.0	33.8	50.8

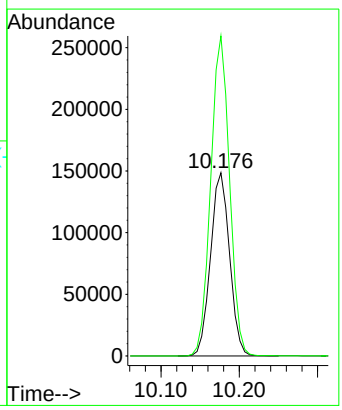


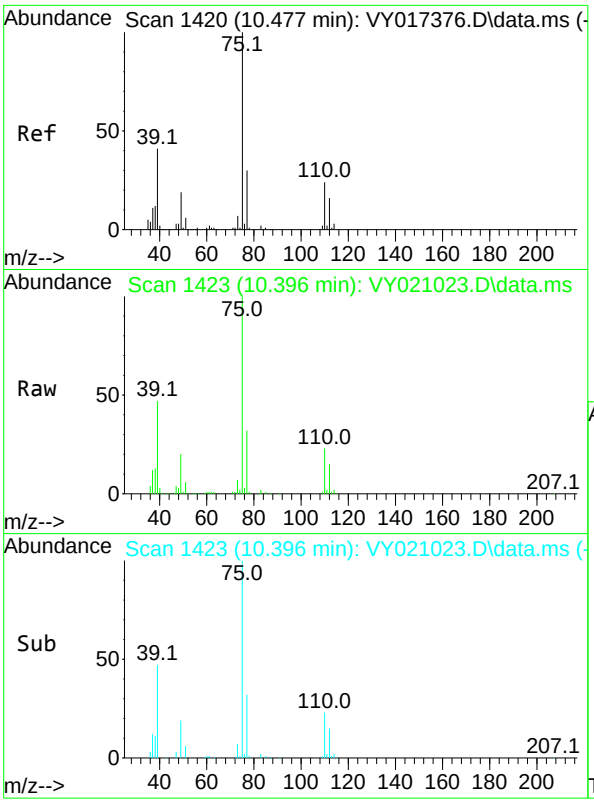


#52
Toluene
Concen: 53.469 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 92 Resp: 250280

Ion	Ratio	Lower	Upper
92	100		
91	173.3	135.8	203.8



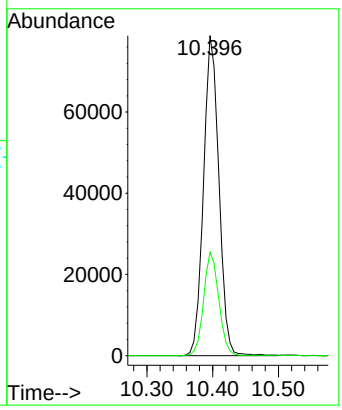


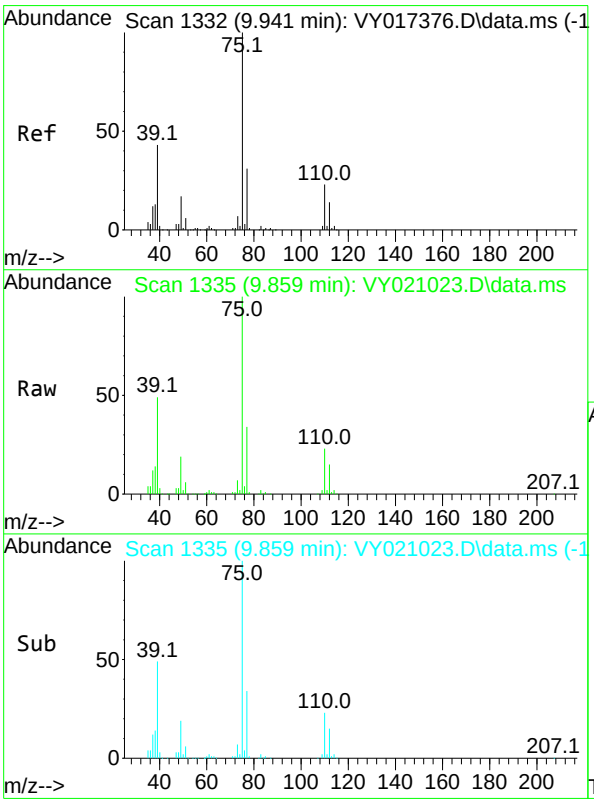
#53
t-1,3-Dichloropropene
Concen: 57.403 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 128314

Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.9	38.9

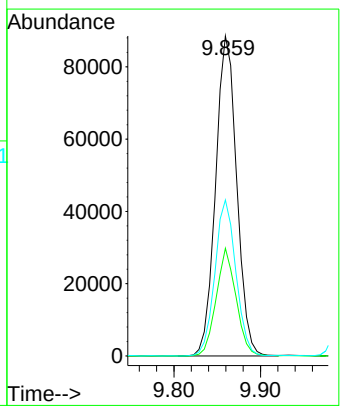


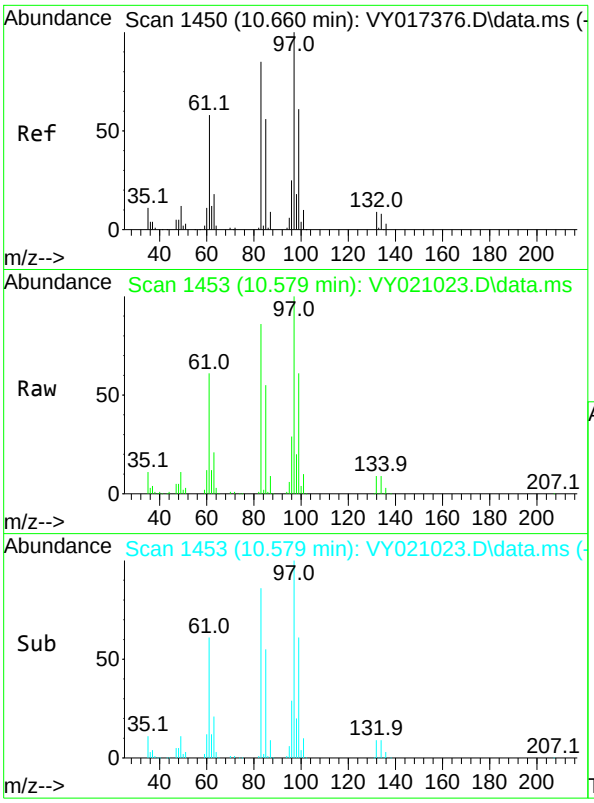


#54
cis-1,3-Dichloropropene
Concen: 56.133 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 75 Resp: 149965

Ion	Ratio	Lower	Upper
75	100		
77	33.7	25.4	38.0
39	48.7	32.2	48.2#



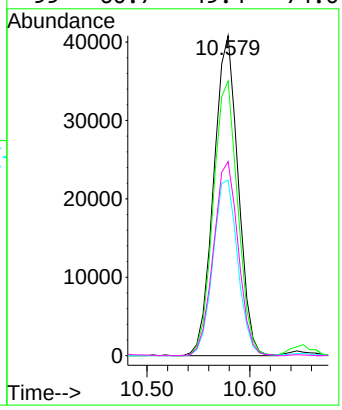


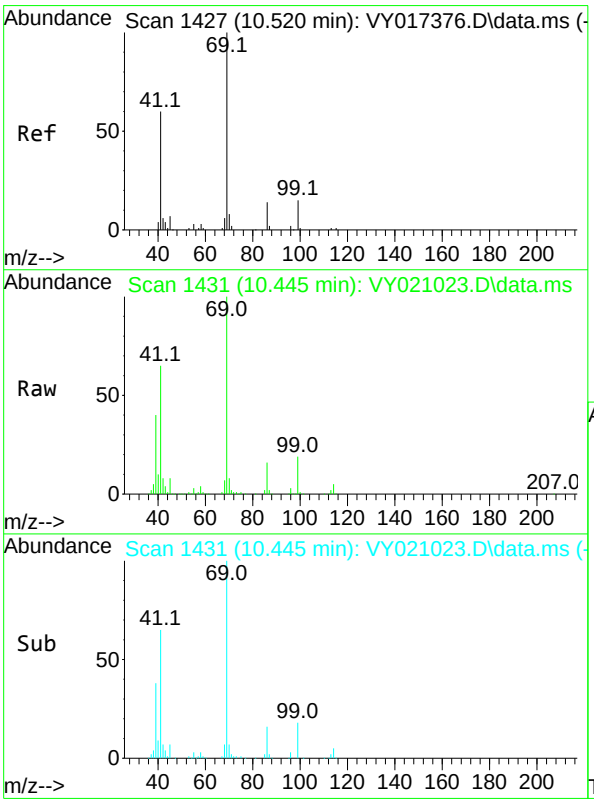
#55
1,1,2-Trichloroethane
Concen: 53.761 ug/l
RT: 10.579 min Scan# 14
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 67249

Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.7	101.5
85	54.9	43.4	65.2
99	60.7	49.4	74.0

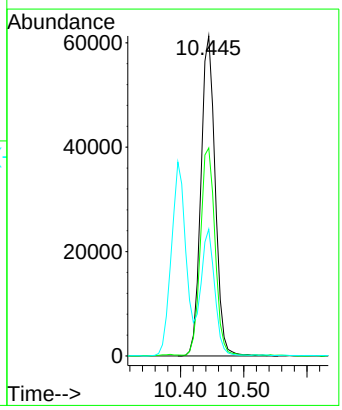


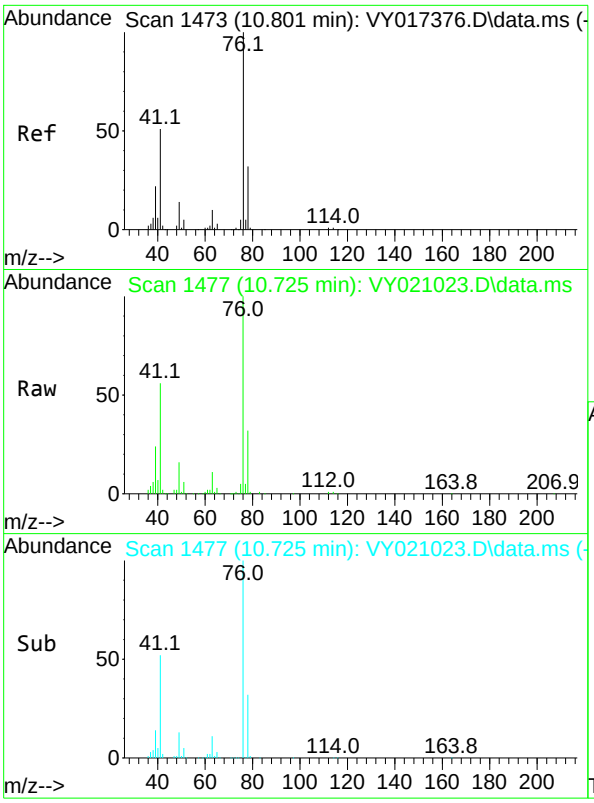


#56
Ethyl methacrylate
Concen: 59.067 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 69 Resp: 96579

Ion	Ratio	Lower	Upper
69	100		
41	65.9	46.3	69.5
39	38.2	24.5	36.7#



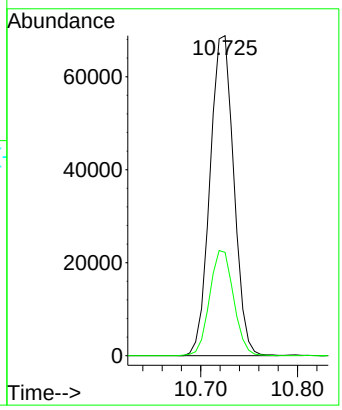


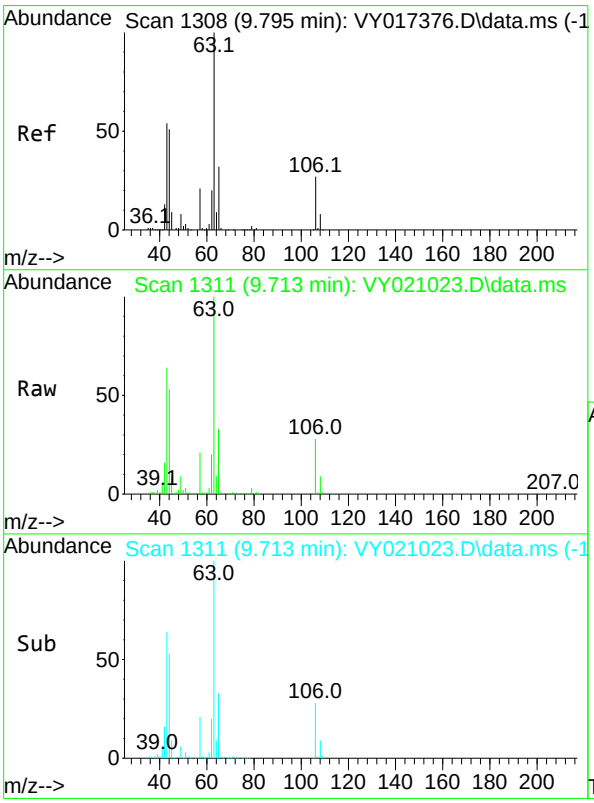
#57
1,3-Dichloropropane
Concen: 55.483 ug/l
RT: 10.725 min Scan# 14
Delta R.T. 0.007 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 117634

Ion	Ratio	Lower	Upper
76	100		
78	33.1	25.8	38.6

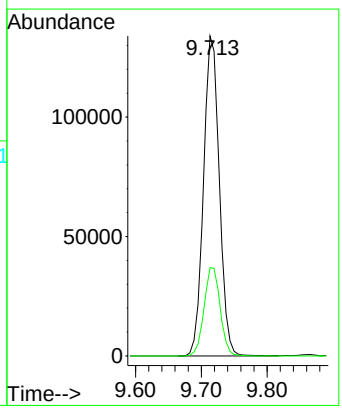


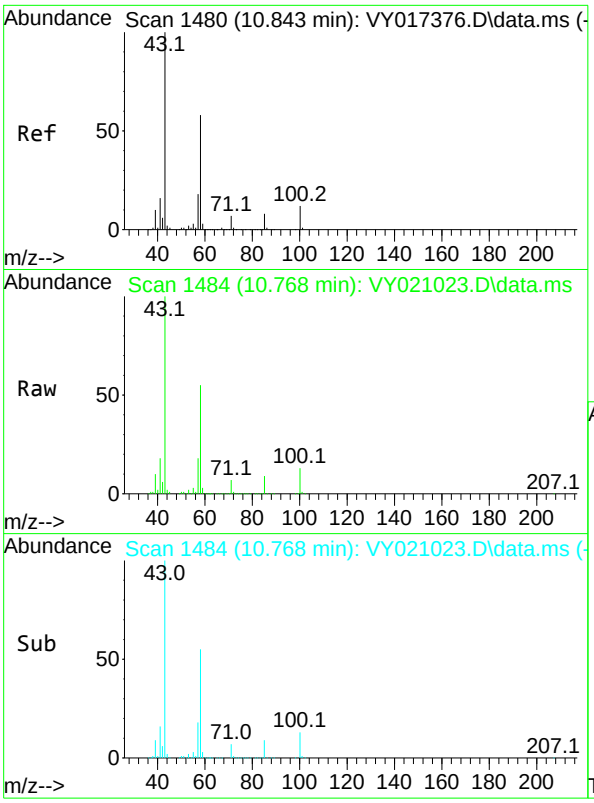


#58
2-Chloroethyl Vinyl ether
Concen: 322.966 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 63 Resp: 224134

Ion	Ratio	Lower	Upper
63	100		
106	28.1	24.7	37.1



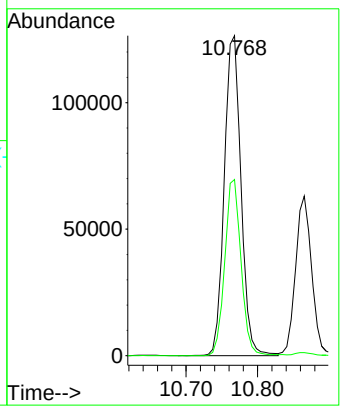


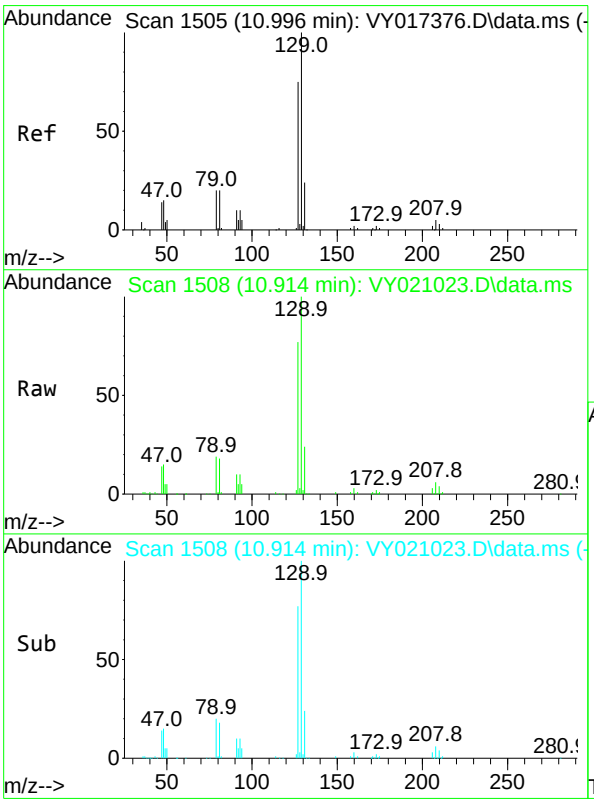
#59
2-Hexanone
Concen: 336.612 ug/l
RT: 10.768 min Scan# 14
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 205217

Ion	Ratio	Lower	Upper
43	100		
58	53.8	29.8	89.3

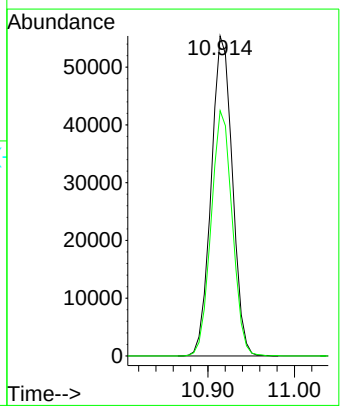


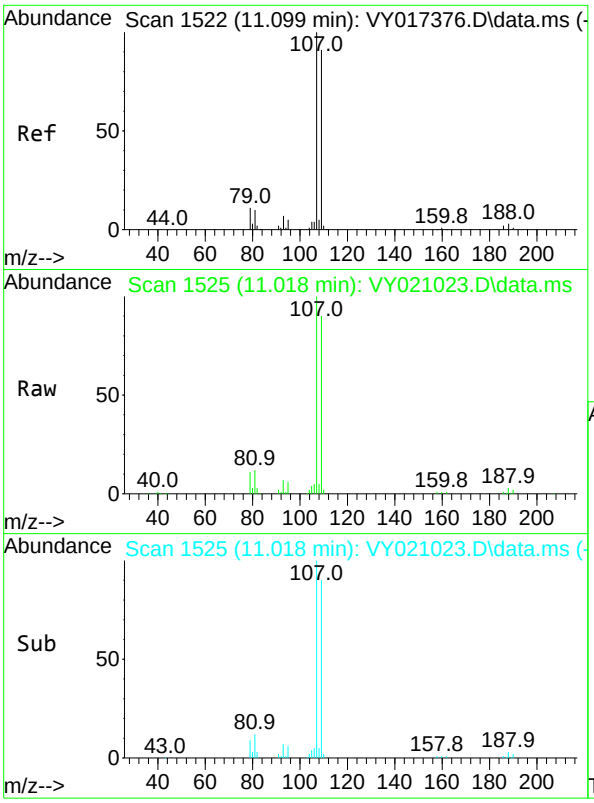


#60
Dibromochloromethane
Concen: 52.680 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:129 Resp: 93957

Ion	Ratio	Lower	Upper
129	100		
127	76.6	38.5	115.3



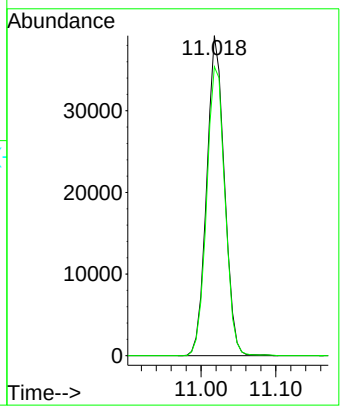


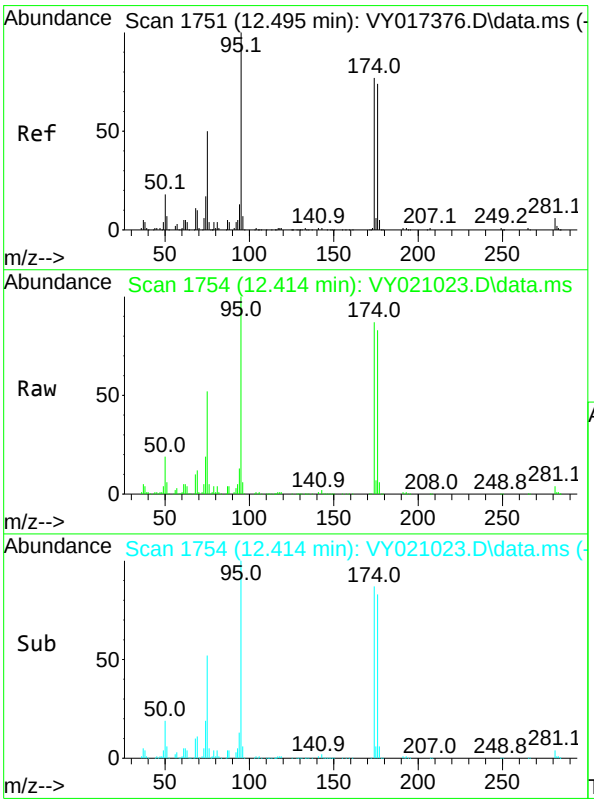
#61
1,2-Dibromoethane
Concen: 53.845 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 64333

Ion	Ratio	Lower	Upper
107	100		
109	93.7	76.6	114.8

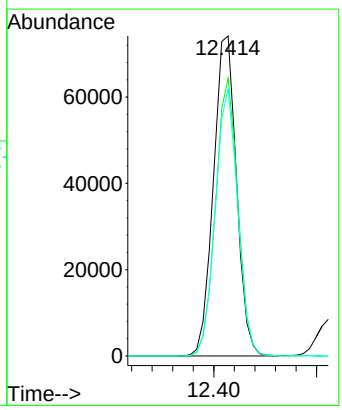


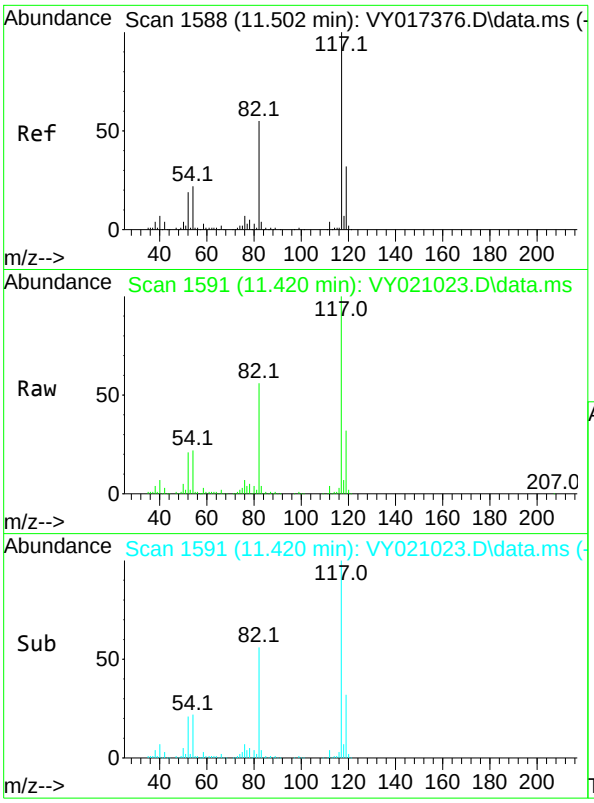


#62
4-Bromofluorobenzene
Concen: 51.200 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.007 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 95 Resp: 115197

Ion	Ratio	Lower	Upper
95	100		
174	84.2	0.0	181.2
176	81.5	0.0	175.2



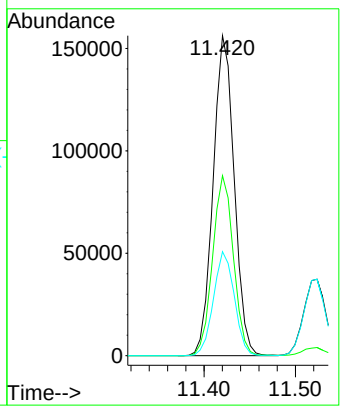


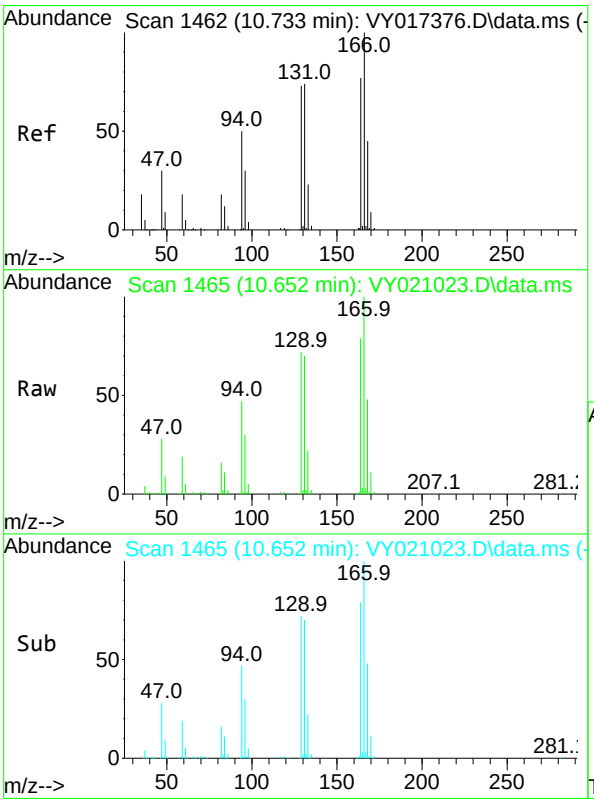
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 250150

Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.2	66.2
119	32.5	25.9	38.9

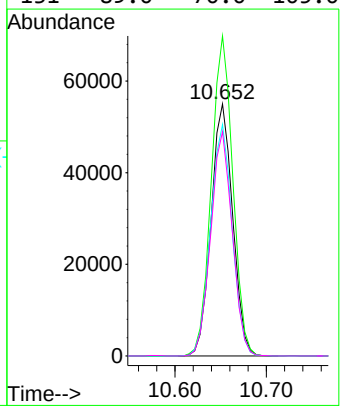


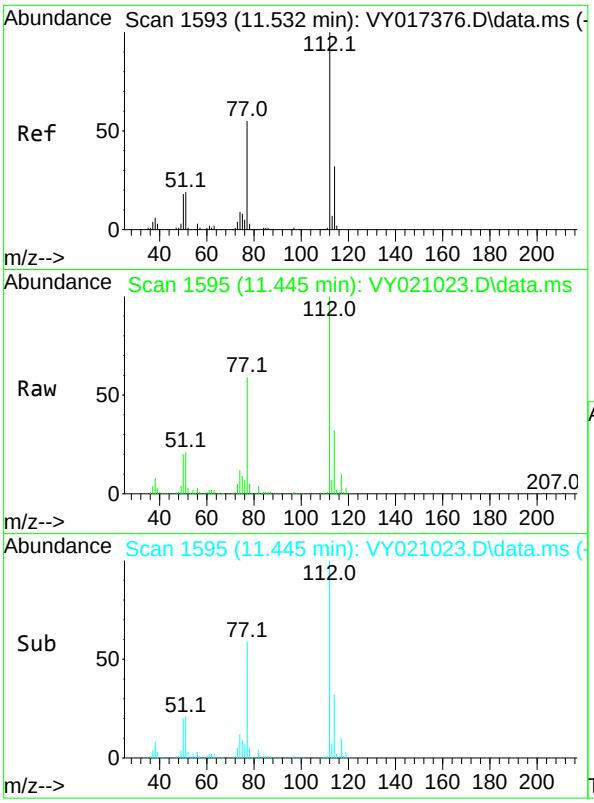


#64
Tetrachloroethene
Concen: 47.817 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:164 Resp: 90228

Ion	Ratio	Lower	Upper
164	100		
166	127.0	100.4	150.6
129	91.8	70.8	106.2
131	89.0	70.0	105.0



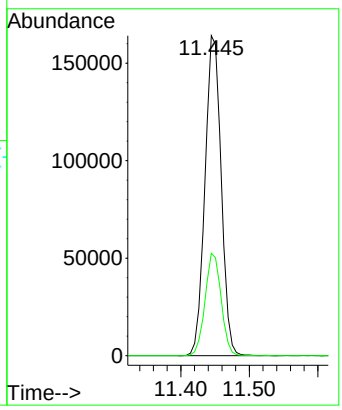


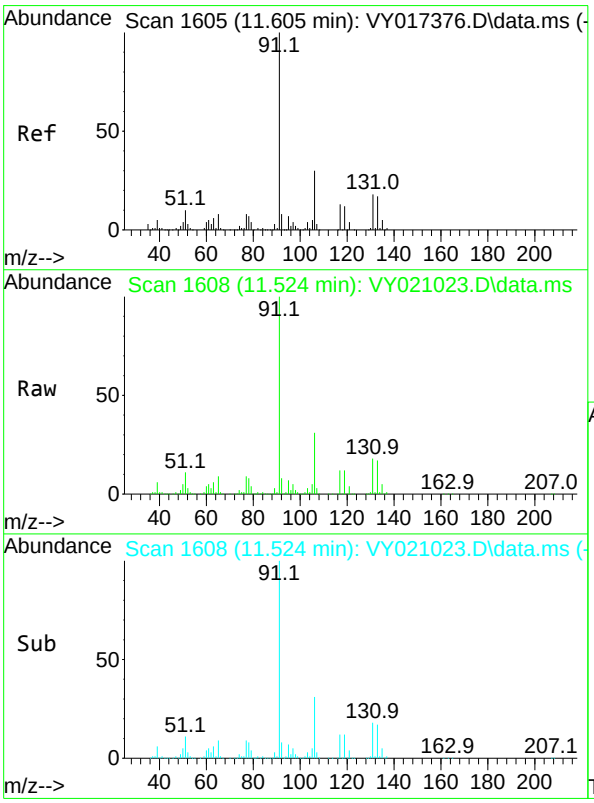
#65
Chlorobenzene
Concen: 51.263 ug/l
RT: 11.445 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 270176

Ion	Ratio	Lower	Upper
112	100		
114	32.0	24.6	37.0

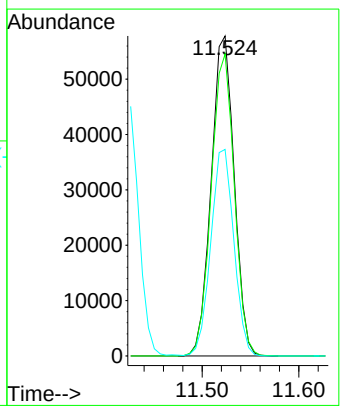


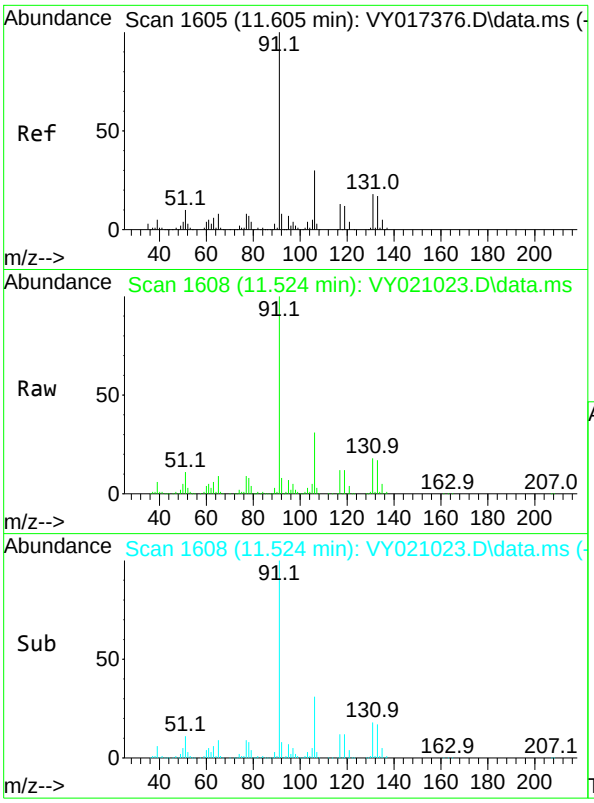


#66
1,1,1,2-Tetrachloroethane
Concen: 51.137 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:131 Resp: 95653

Ion	Ratio	Lower	Upper
131	100		
133	94.4	48.7	146.1
119	64.7	31.4	94.3



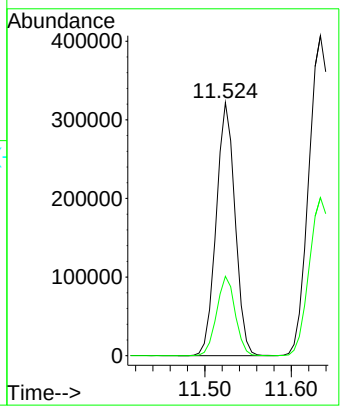


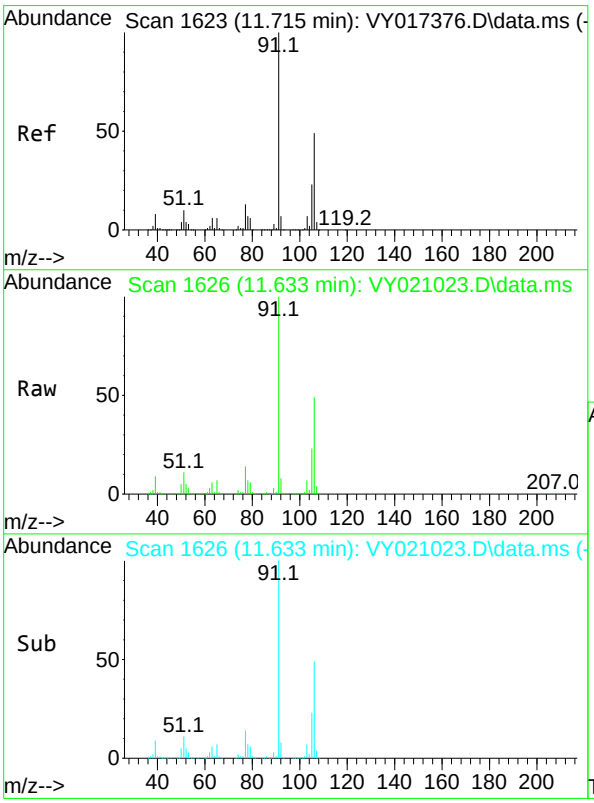
#67
Ethyl Benzene
Concen: 53.265 ug/l
RT: 11.524 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 486059

Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.9	37.3

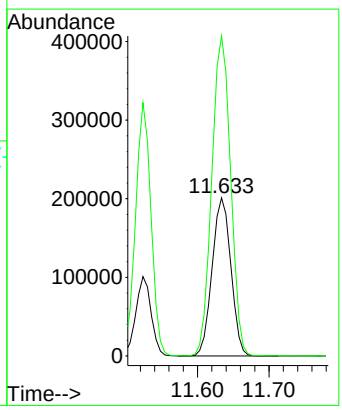


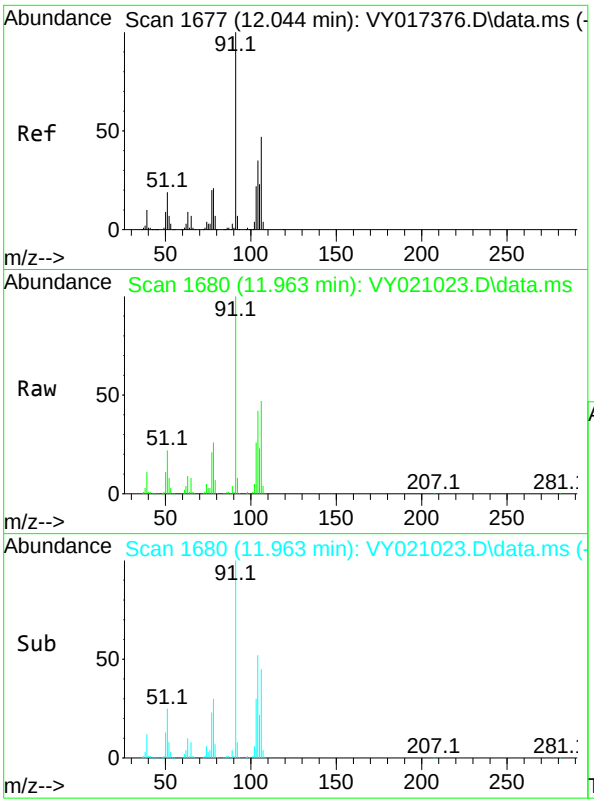


#68
m/p-Xylenes
Concen: 104.538 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:106 Resp: 366509

Ion	Ratio	Lower	Upper
106	100		
91	203.4	160.0	240.0



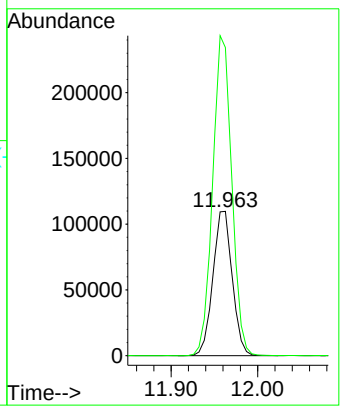


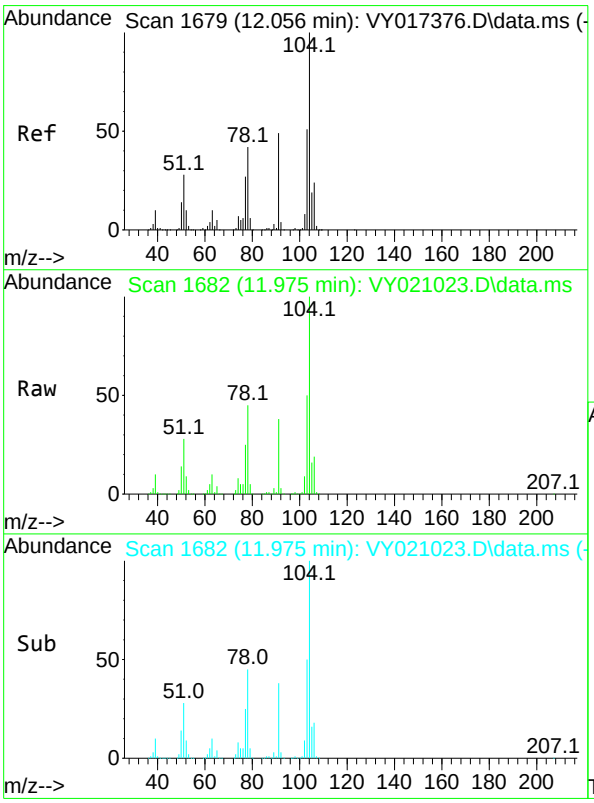
#69
o-Xylene
Concen: 52.229 ug/l
RT: 11.963 min Scan# 1
Delta R.T. 0.007 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 170229

Ion	Ratio	Lower	Upper
106	100		
91	218.8	105.8	317.6

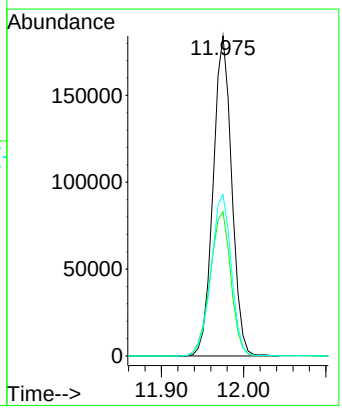


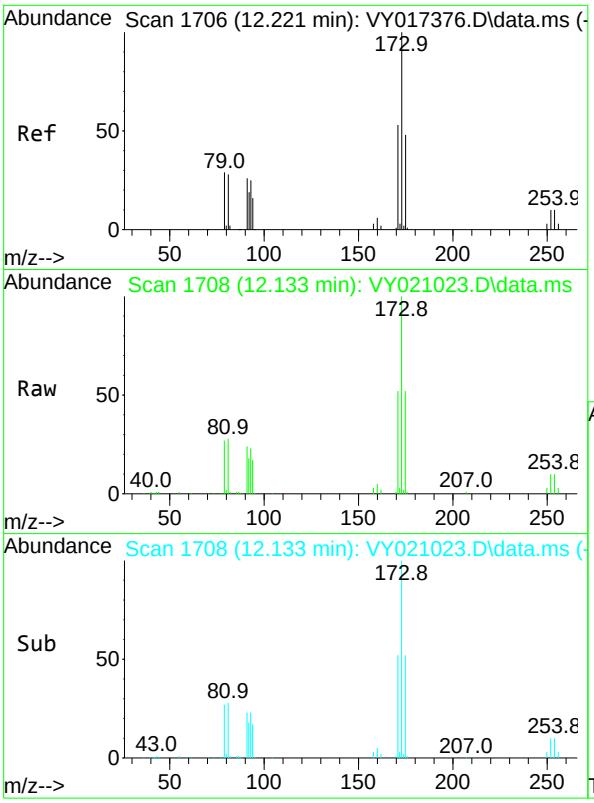


#70
Styrene
Concen: 53.426 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:104 Resp: 289102

Ion	Ratio	Lower	Upper
104	100		
78	50.6	39.0	58.4
103	55.0	43.7	65.5



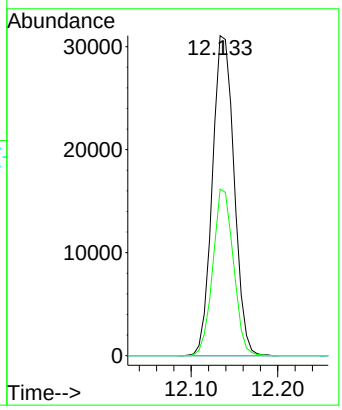


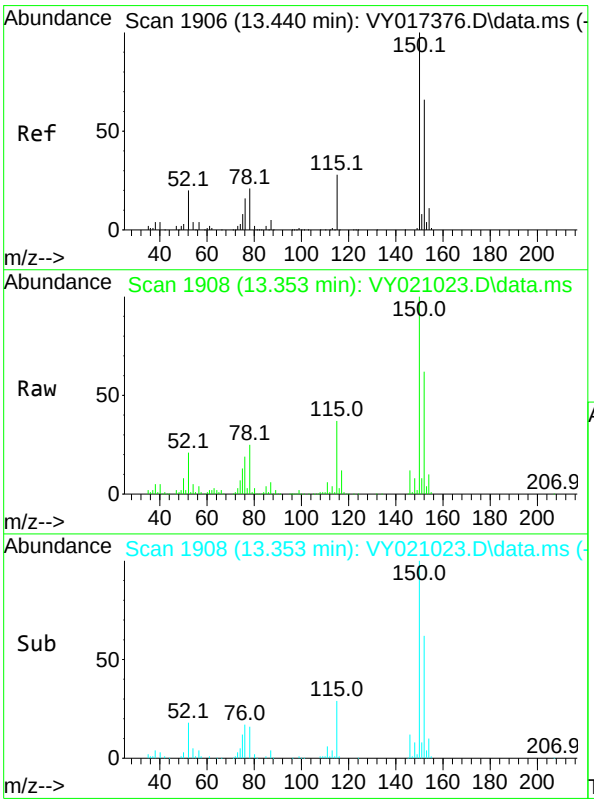
#71
Bromoform
Concen: 49.101 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 54130

Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.1	72.2
254	0.0	0.0	0.0

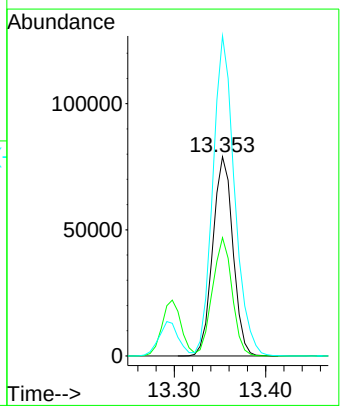


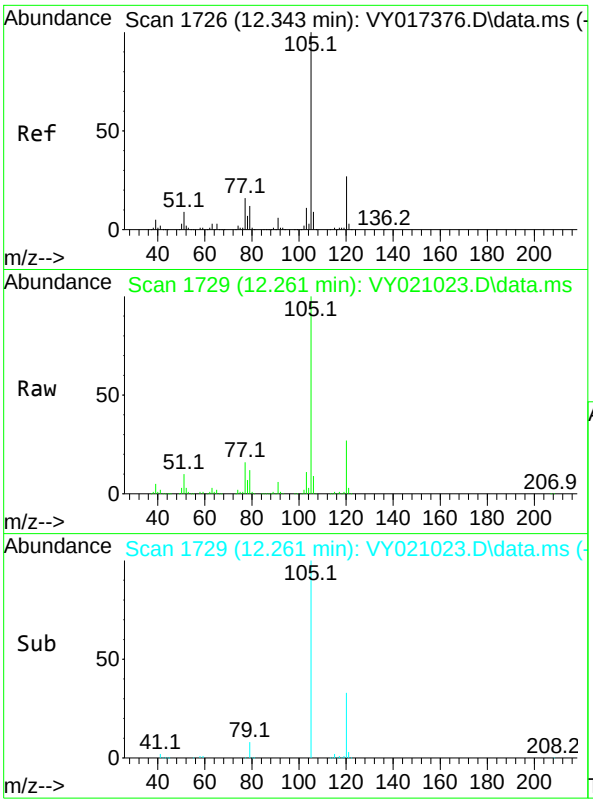


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:152 Resp: 121069

Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.4	85.2
150	172.6	0.0	342.8



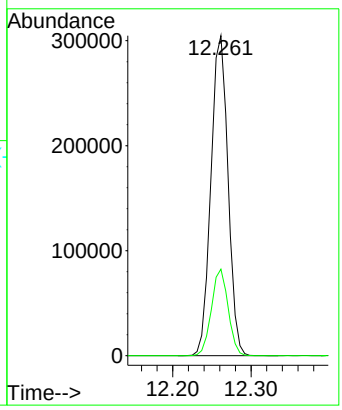


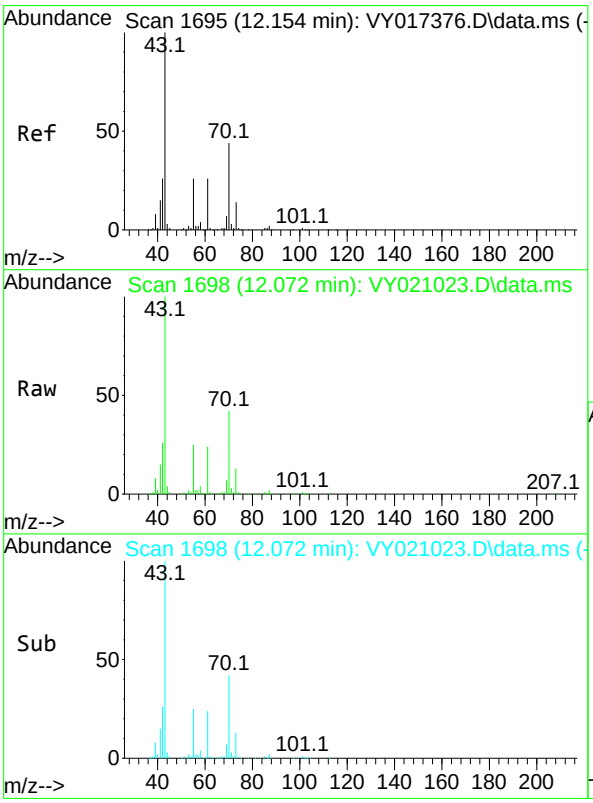
#73
Isopropylbenzene
Concen: 54.240 ug/l
RT: 12.261 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 461198

Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.4	40.2

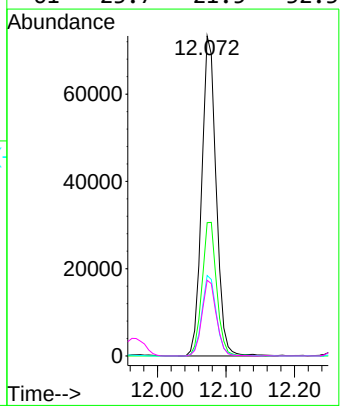


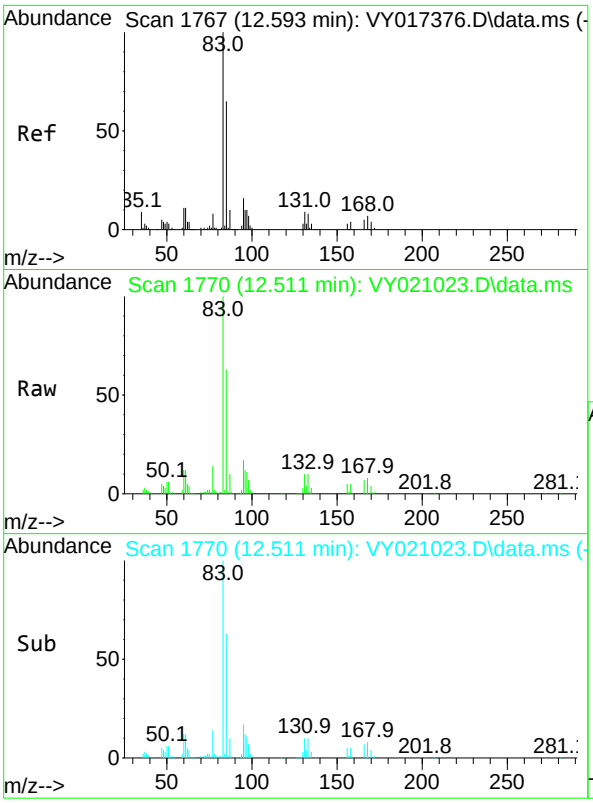


#74
N-amyl acetate
Concen: 69.346 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 43 Resp: 107371

Ion	Ratio	Lower	Upper
43	100		
70	42.3	39.3	58.9
55	25.3	22.3	33.5
61	23.7	21.5	32.3



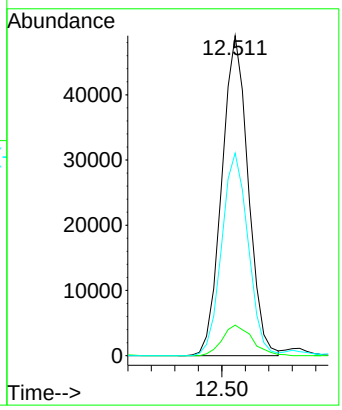


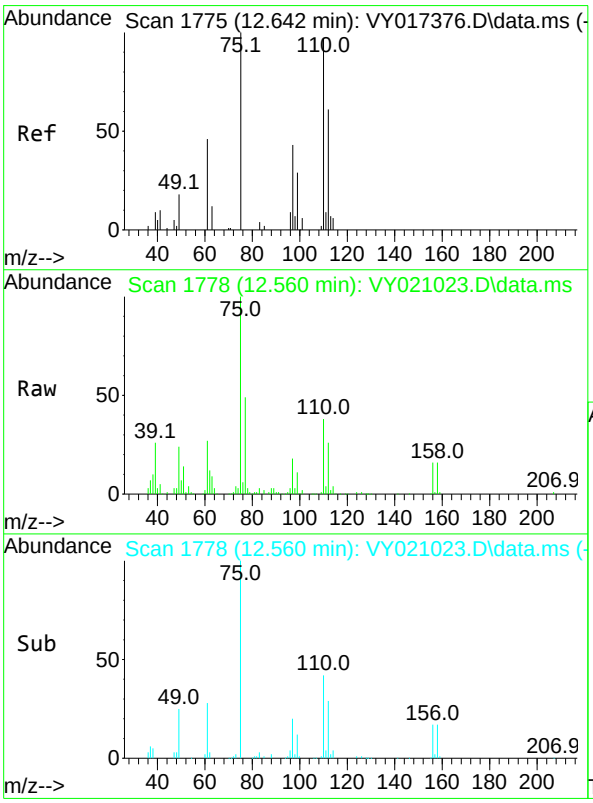
#75
1,1,2,2-Tetrachloroethane
Concen: 55.736 ug/l
RT: 12.511 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 76500

Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.7	17.1
85	63.4	31.9	95.9

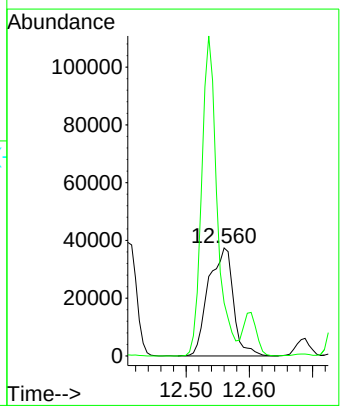


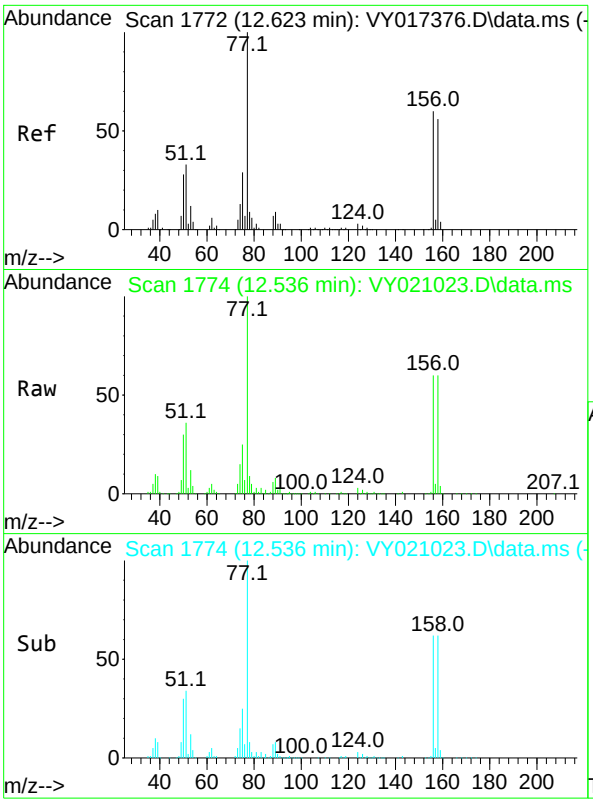


#76
1,2,3-Trichloropropane
Concen: 106.739 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 75 Resp: 102300

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



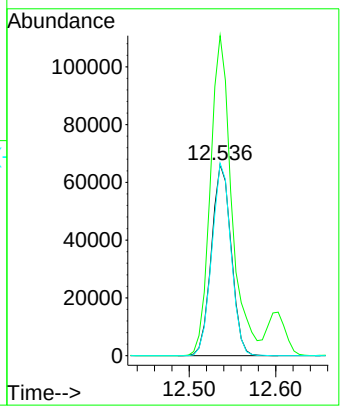


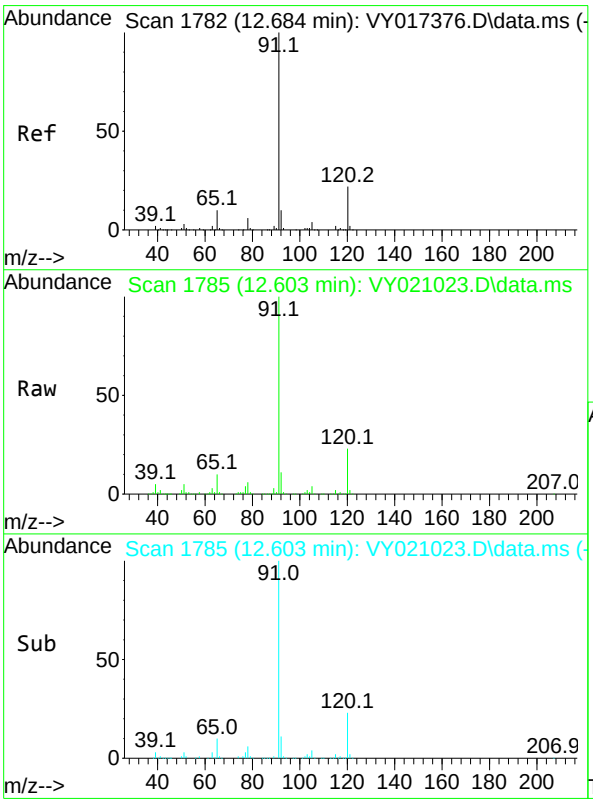
#77
Bromobenzene
Concen: 51.889 ug/l
RT: 12.536 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:156 Resp: 104605

Ion	Ratio	Lower	Upper
156	100		
77	180.1	83.3	249.9
158	97.9	48.3	144.9

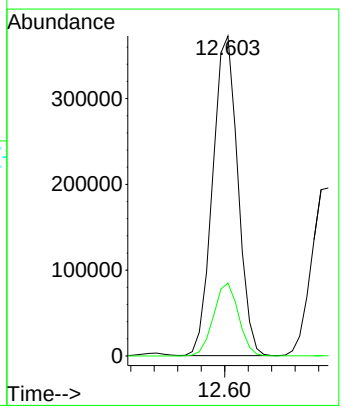


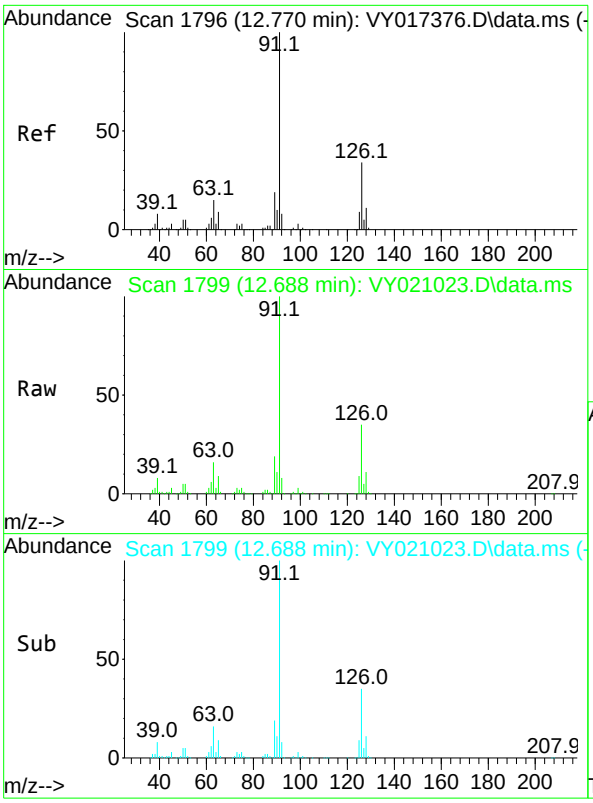


#78
n-propylbenzene
Concen: 55.653 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 91 Resp: 554600

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.8	35.4



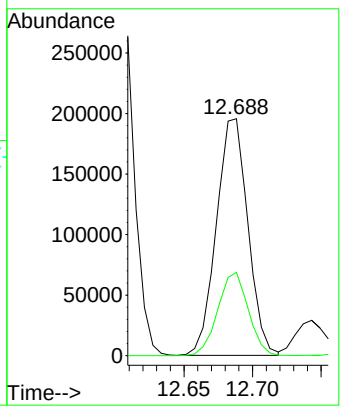


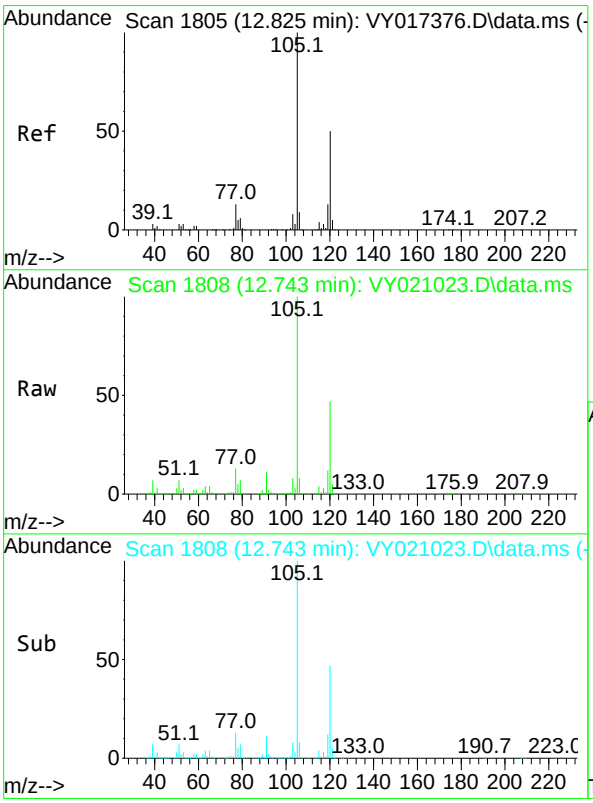
#79
2-Chlorotoluene
Concen: 55.113 ug/l
RT: 12.688 min Scan# 1
Delta R.T. 0.007 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 312917

Ion	Ratio	Lower	Upper
91	100		
126	34.0	17.3	51.9

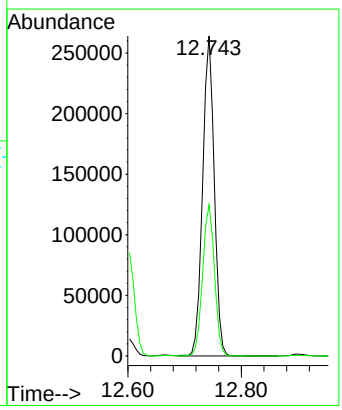


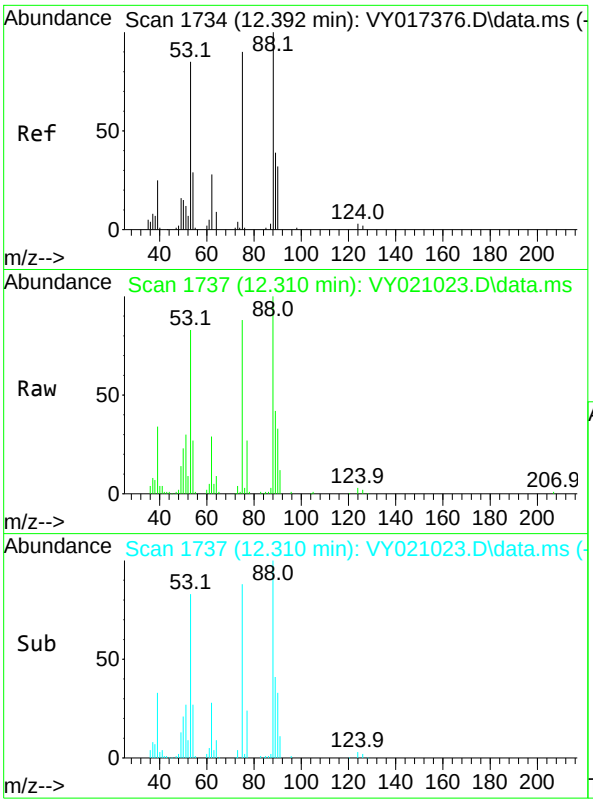


#80
1,3,5-Trimethylbenzene
Concen: 54.032 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:105 Resp: 376397

Ion	Ratio	Lower	Upper
105	100		
120	48.3	24.3	72.9



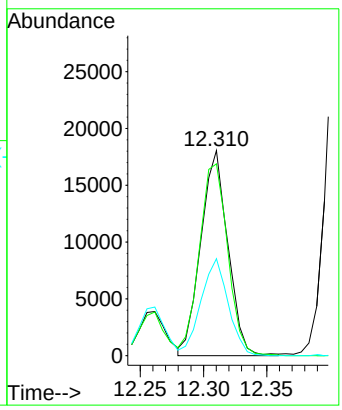


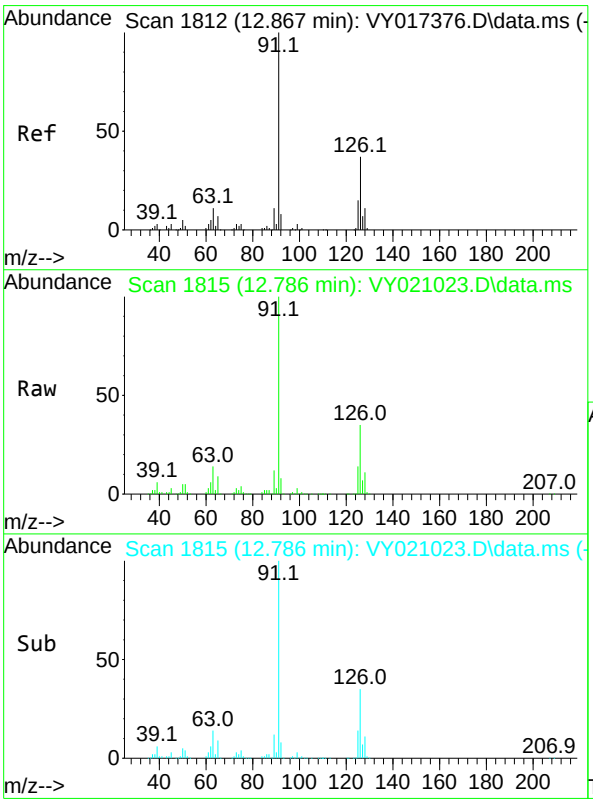
#81
trans-1,4-Dichloro-2-butene
Concen: 58.386 ug/l
RT: 12.310 min Scan# 1
Delta R.T. 0.007 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 26957

Ion	Ratio	Lower	Upper
75	100		
53	97.9	68.6	103.0
89	47.7	38.1	57.1

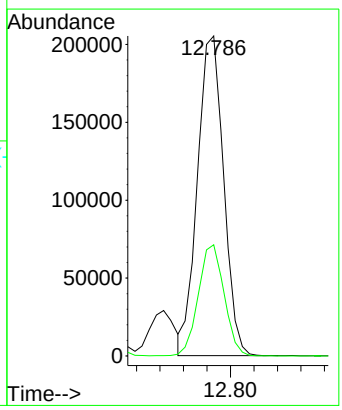


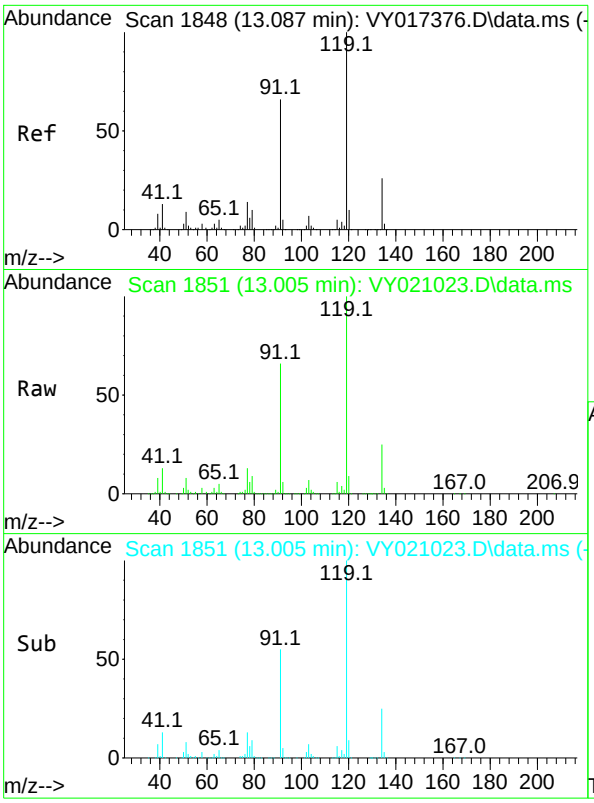


#82
4-Chlorotoluene
Concen: 54.527 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.007 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 91 Resp: 316855

Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.3	52.0



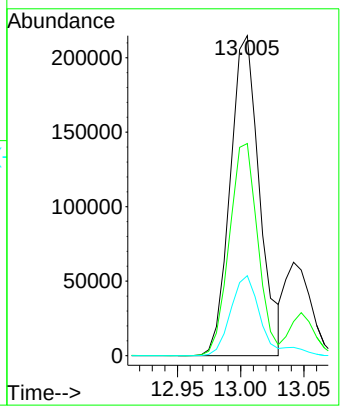


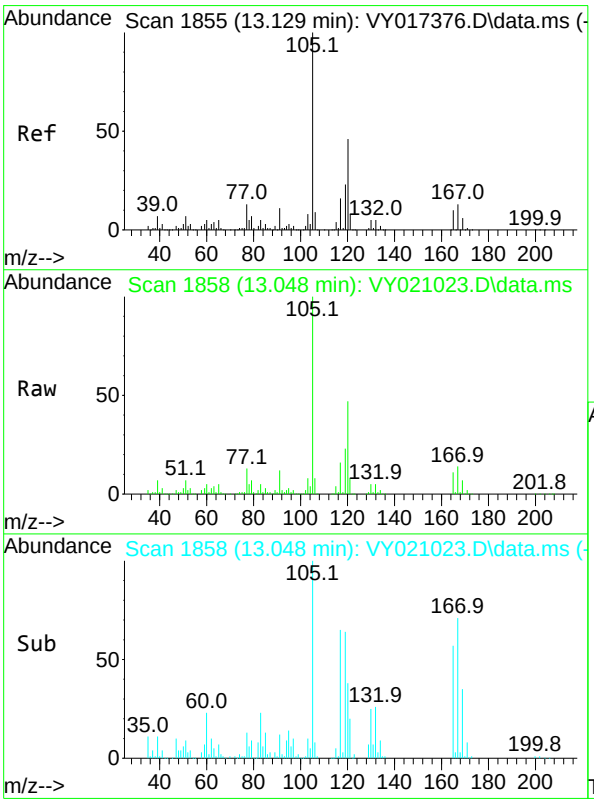
#83
tert-Butylbenzene
Concen: 53.757 ug/l
RT: 13.005 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 347315

Ion	Ratio	Lower	Upper
119	100		
91	64.3	31.4	94.0
134	26.1	13.1	39.1

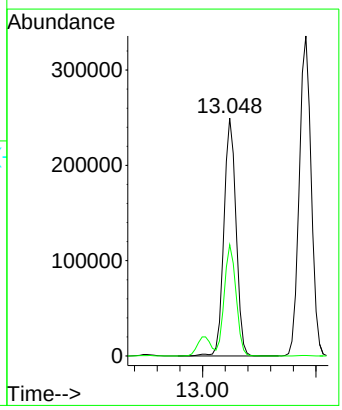


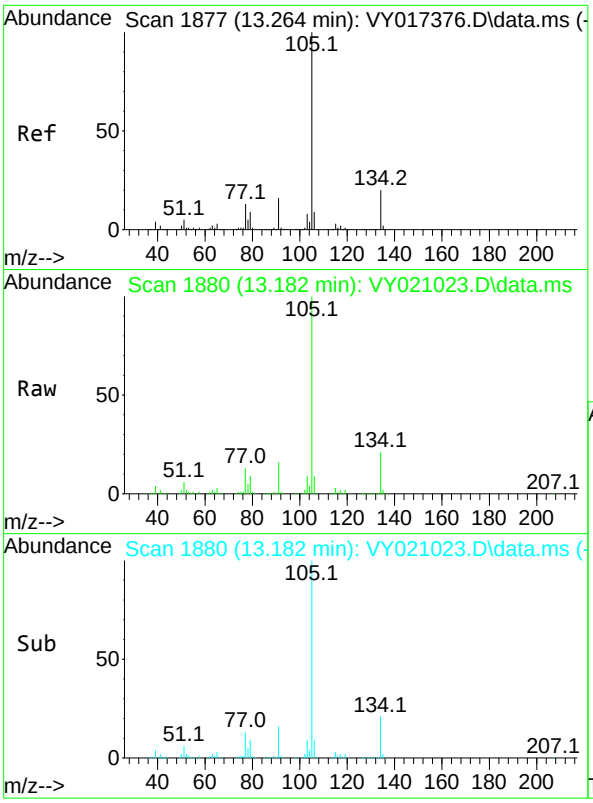


#84
1,2,4-Trimethylbenzene
Concen: 54.433 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:105 Resp: 370408

Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.7	68.0



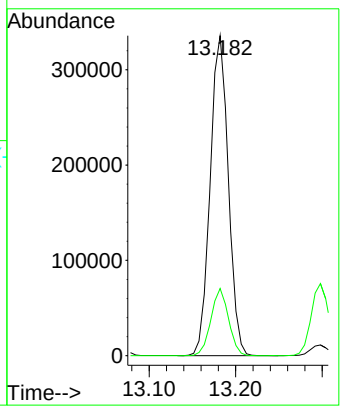


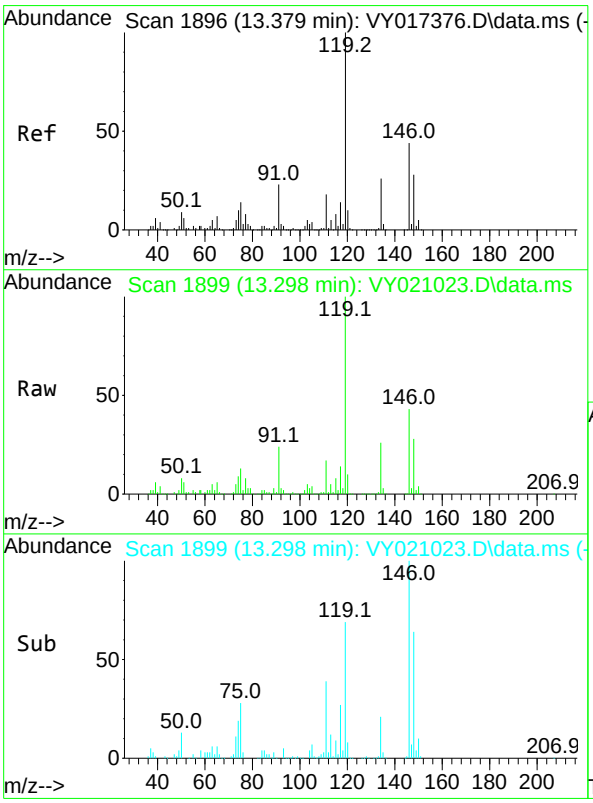
#85
sec-Butylbenzene
Concen: 53.440 ug/l
RT: 13.182 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 488820

Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.3	30.8

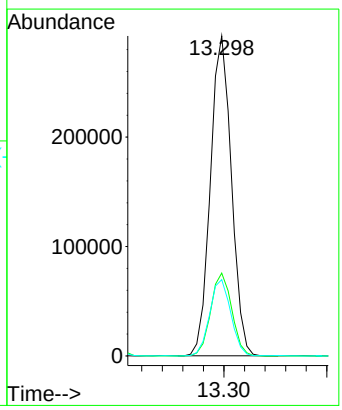


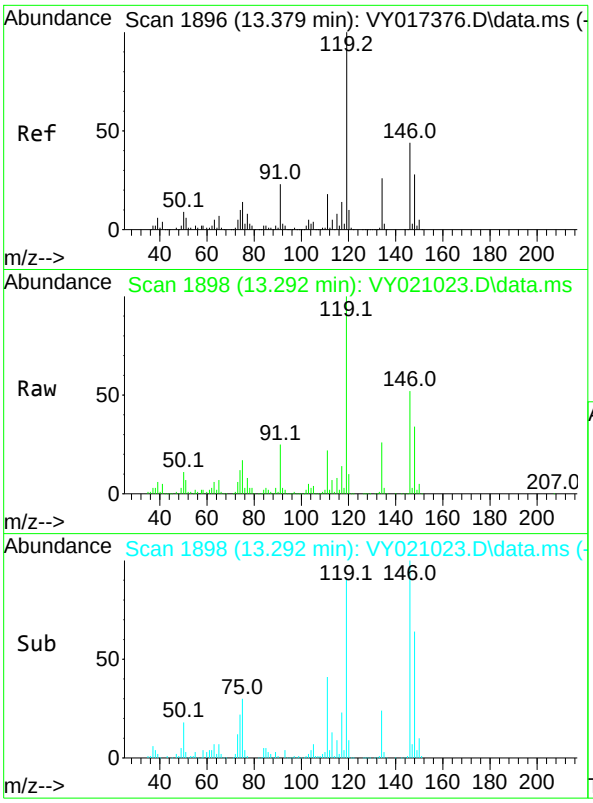


#86
p-Isopropyltoluene
Concen: 53.878 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:119 Resp: 414156

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.3
91	24.1	11.5	34.5



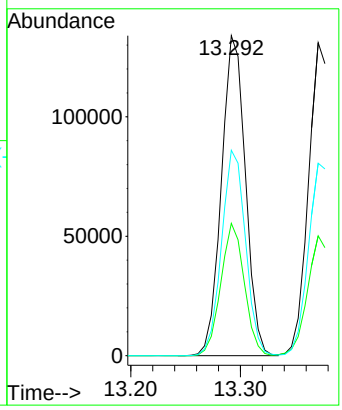


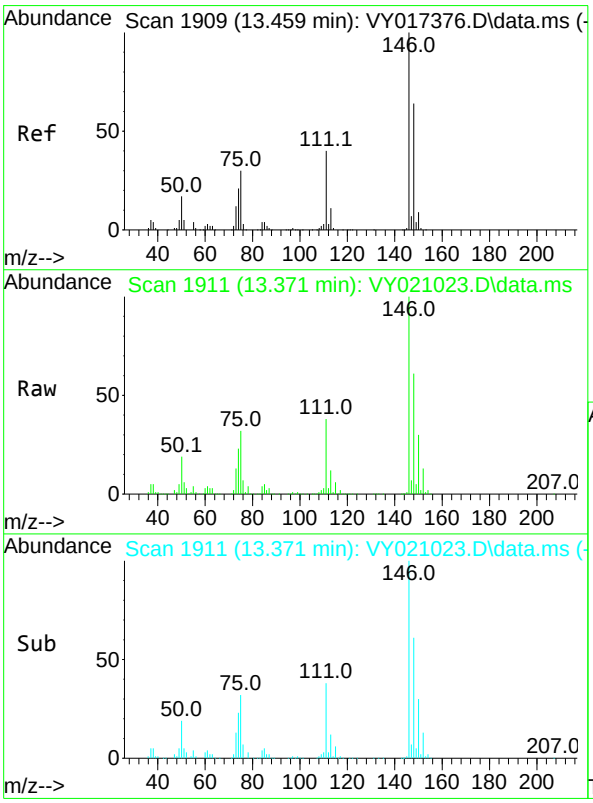
#87
1,3-Dichlorobenzene
Concen: 51.839 ug/l
RT: 13.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 203767

Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.7	59.1
148	64.2	32.1	96.3

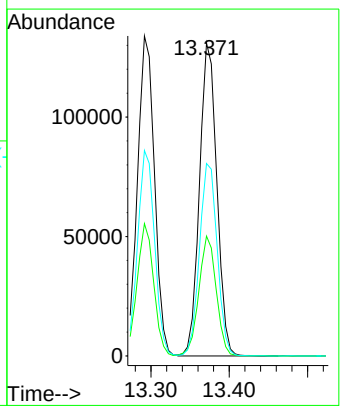


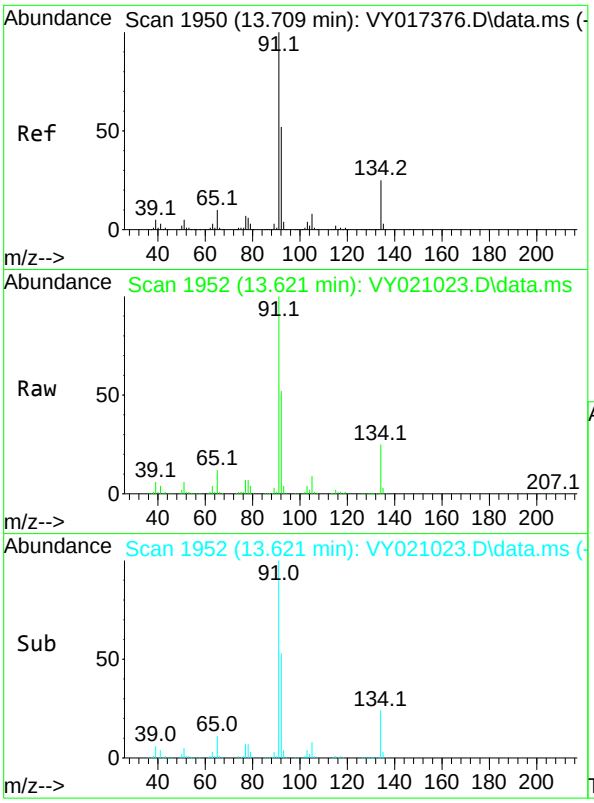


#88
1,4-Dichlorobenzene
Concen: 51.631 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:146 Resp: 201529

Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.0	57.0
148	63.1	31.6	95.0



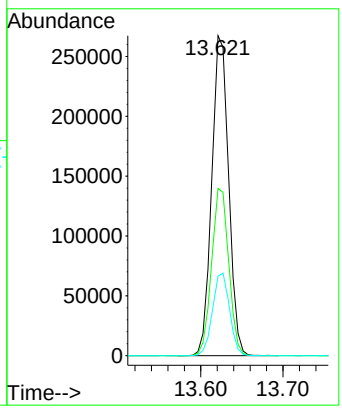


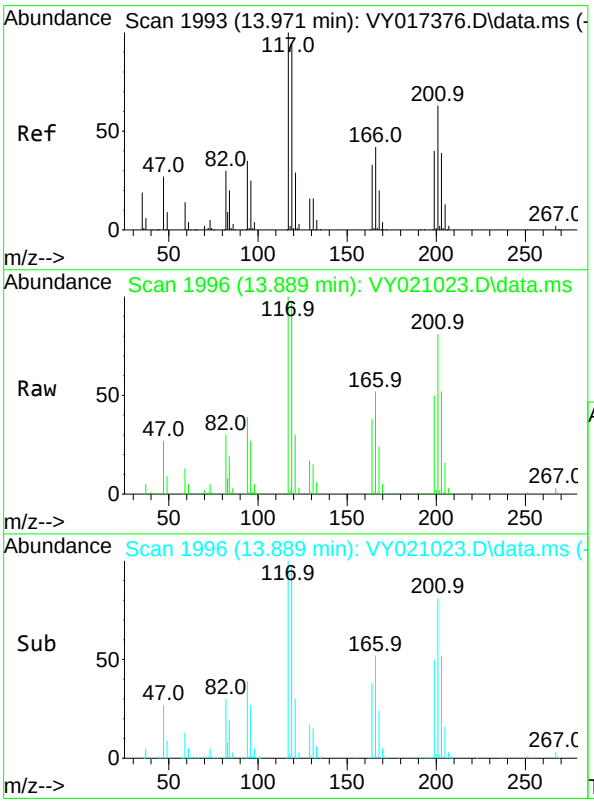
#89
n-Butylbenzene
Concen: 55.439 ug/l
RT: 13.621 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 381707

Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.7	80.1
134	26.1	13.7	41.1

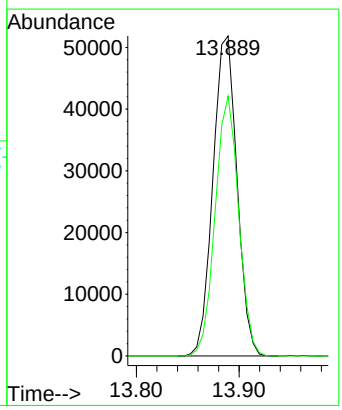


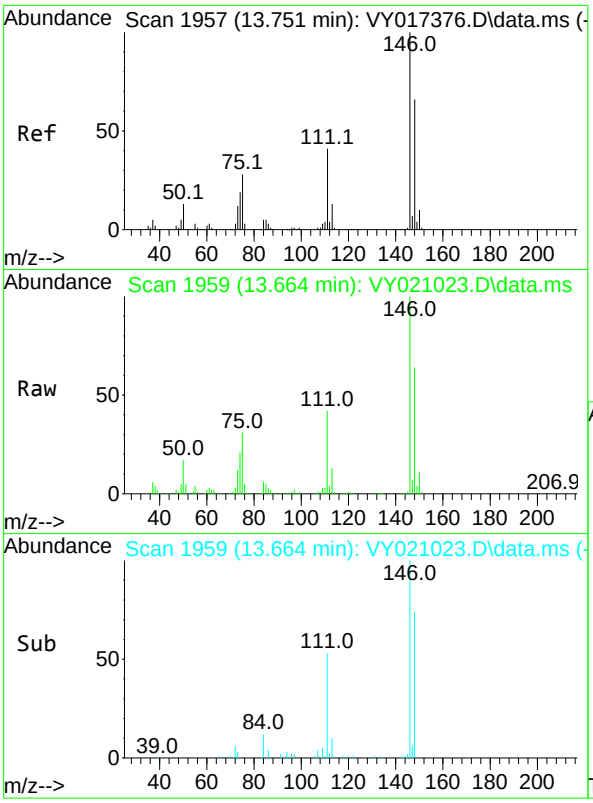


#90
Hexachloroethane
Concen: 54.167 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.007 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:117 Resp: 84237

Ion	Ratio	Lower	Upper
117	100		
201	79.2	42.5	127.5



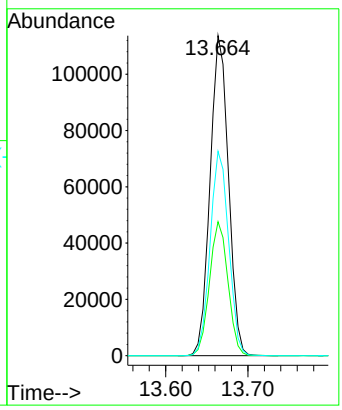


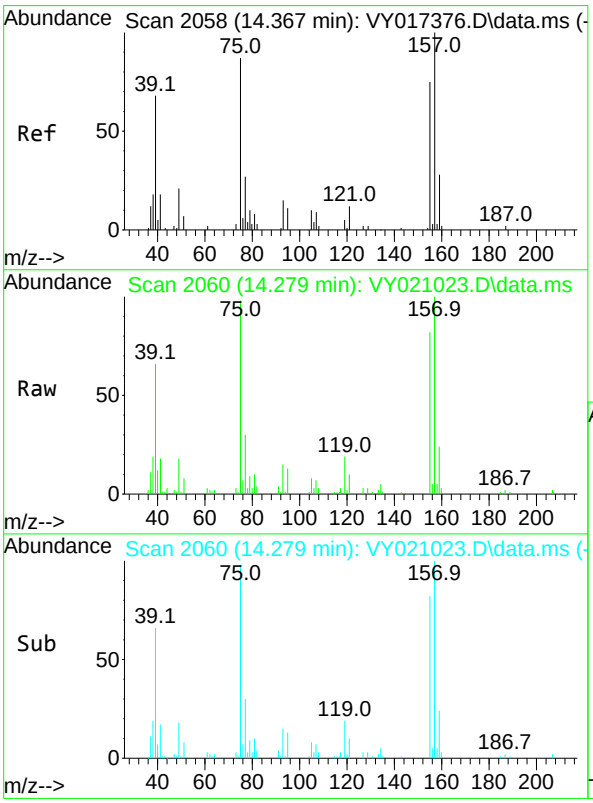
#91
1,2-Dichlorobenzene
Concen: 51.554 ug/l
RT: 13.664 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 176718

Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.3	60.8
148	64.4	32.2	96.6

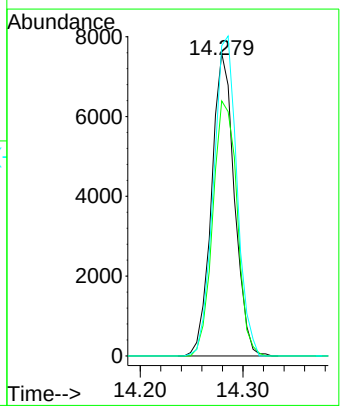


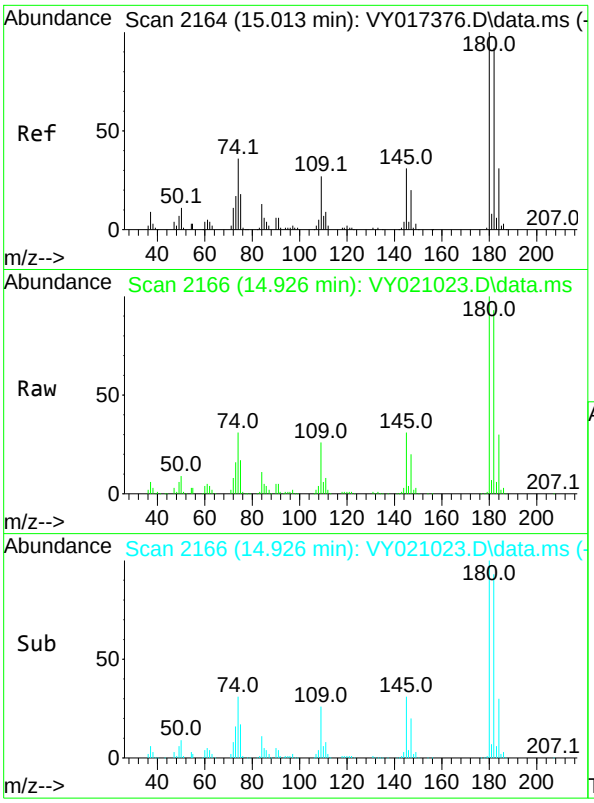


#92
1,2-Dibromo-3-Chloropropane
Concen: 55.445 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 75 Resp: 11716

Ion	Ratio	Lower	Upper
75	100		
155	88.6	45.9	137.6
157	107.6	59.3	177.9



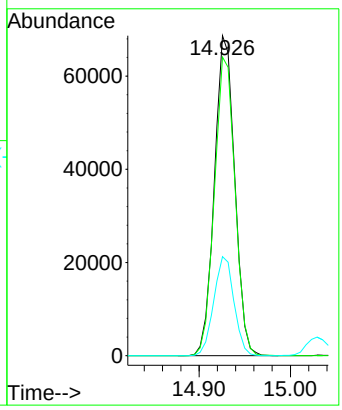


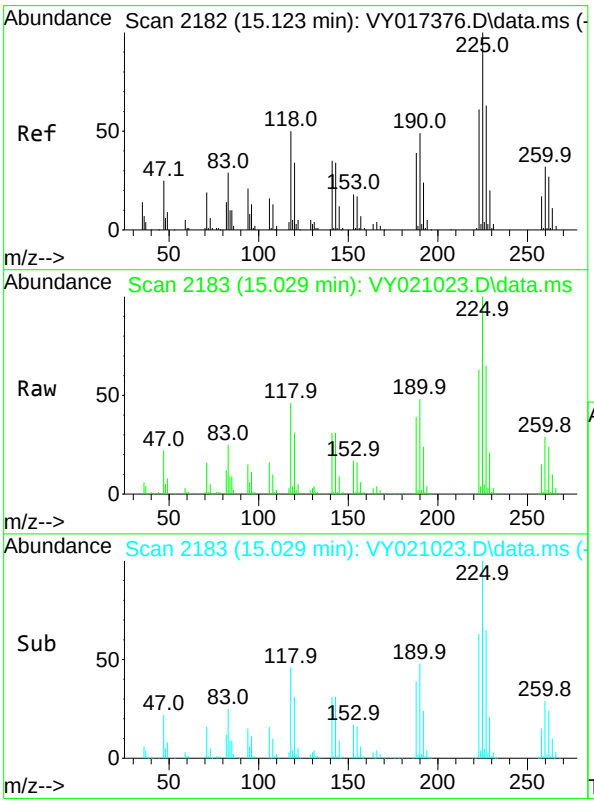
#93
1,2,4-Trichlorobenzene
Concen: 50.473 ug/l
RT: 14.926 min Scan# 21
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:180 Resp: 105932

Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.3	144.8
145	30.8	15.3	45.8

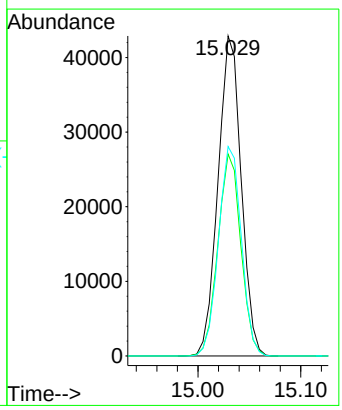


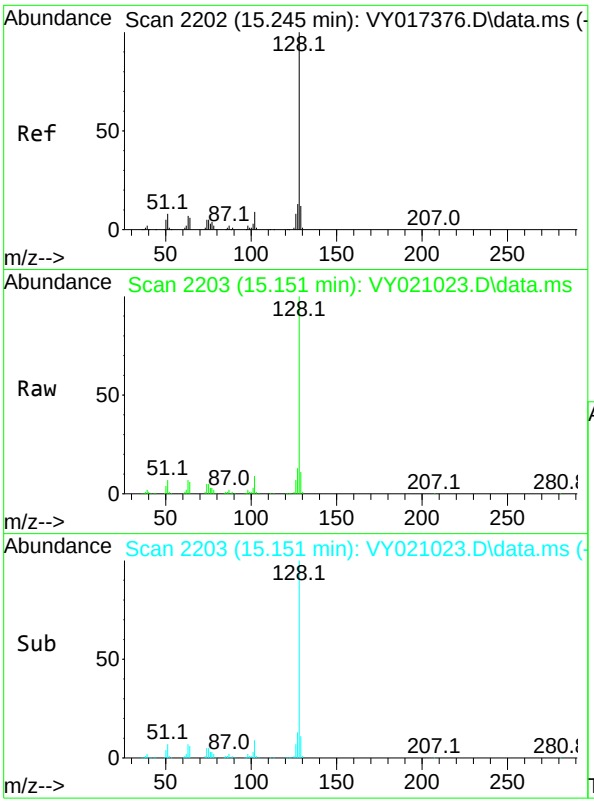


#94
Hexachlorobutadiene
Concen: 46.155 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:225 Resp: 67092

Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.4	94.2
227	64.6	31.8	95.3



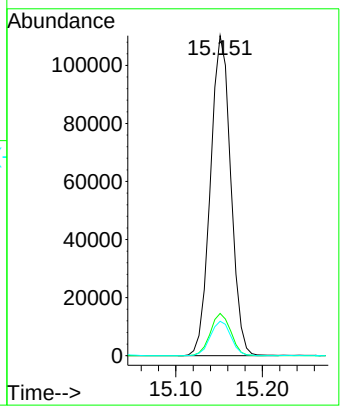


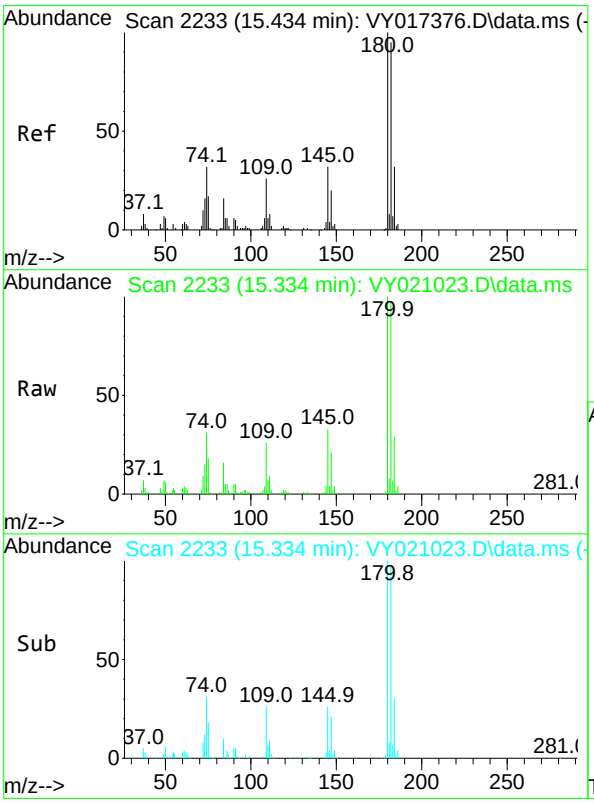
#95
Naphthalene
Concen: 53.412 ug/l
RT: 15.151 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 180166

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	10.9	8.8	13.2

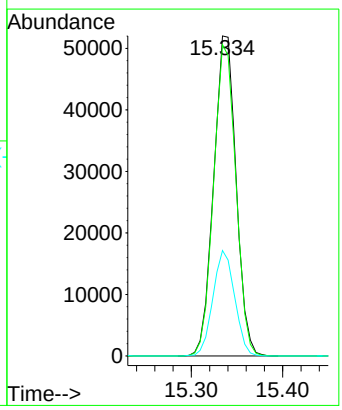




#96
1,2,3-Trichlorobenzene
Concen: 49.991 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:180 Resp: 88730

Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.7	143.1
145	31.9	15.6	46.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021024.D
Acq On : 03 Feb 2025 12:21
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Quant Time: Feb 03 12:39:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.719	168	190137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	289157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	248171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	115163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	172797	106.741	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 213.480%#			
35) Dibromofluoromethane	7.646	113	171851	98.858	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 197.720%#			
50) Toluene-d8	10.115	98	669691	98.702	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 197.400%#			
62) 4-Bromofluorobenzene	12.414	95	216644	95.157	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 190.320%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.873	85	159301	98.533	ug/l	100
3) Chloromethane	2.074	50	153706	149.541	ug/l	98
4) Vinyl Chloride	2.214	62	155011	146.266	ug/l	99
5) Bromomethane	2.604	94	93622	130.495	ug/l	96
6) Chloroethane	2.745	64	91012	147.011	ug/l	99
7) Trichlorofluoromethane	3.068	101	282462	110.443	ug/l	99
8) Diethyl Ether	3.464	74	87561	114.680	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.830	101	177279	102.939	ug/l	95
10) Methyl Iodide	4.019	142	218905	111.078	ug/l	99
11) Tert butyl alcohol	4.872	59	53461	452.085	ug/l	99
12) 1,1-Dichloroethene	3.799	96	171787	106.739	ug/l	88
13) Acrolein	3.659	56	89546	657.572	ug/l	99
14) Allyl chloride	4.397	41	294317	132.835	ug/l	92
15) Acrylonitrile	5.067	53	179975	573.057	ug/l	99
16) Acetone	3.879	43	133780	606.320	ug/l	90
17) Carbon Disulfide	4.116	76	540251	108.991	ug/l	100
18) Methyl Acetate	4.397	43	96229	124.639	ug/l	93
19) Methyl tert-butyl Ether	5.128	73	427571	114.141	ug/l	99
20) Methylene Chloride	4.628	84	171778	105.558	ug/l	89
21) trans-1,2-Dichloroethene	5.128	96	186520	108.095	ug/l	93
22) Diisopropyl ether	6.031	45	598063	132.422	ug/l	97
23) Vinyl Acetate	5.970	43	1653156	660.973	ug/l	95
24) 1,1-Dichloroethane	5.933	63	346367	118.878	ug/l	98
25) 2-Butanone	6.902	43	229517	613.177	ug/l	92
26) 2,2-Dichloropropane	6.896	77	311254	108.502	ug/l	99
27) cis-1,2-Dichloroethene	6.902	96	218816	110.326	ug/l	94
28) Bromochloromethane	7.256	49	142156	130.955	ug/l	83
29) Tetrahydrofuran	7.274	42	153104	607.855	ug/l	92
30) Chloroform	7.433	83	350416	111.040	ug/l	99
31) Cyclohexane	7.713	56	296243	104.021	ug/l	95
32) 1,1,1-Trichloroethane	7.628	97	328296	107.493	ug/l	97
36) 1,1-Dichloropropene	7.847	75	258833	104.370	ug/l	97
37) Ethyl Acetate	6.994	43	108807	117.685	ug/l	97
38) Carbon Tetrachloride	7.829	117	302001	98.406	ug/l	98
39) Methylcyclohexane	9.115	83	329865	99.014	ug/l	94
40) Benzene	8.091	78	765340	104.883	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021024.D
Acq On : 03 Feb 2025 12:21
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Quant Time: Feb 03 12:39:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	51586	100.841	ug/l		90
42) 1,2-Dichloroethane	8.164	62	203840	110.147	ug/l		98
43) Isopropyl Acetate	8.207	43	224883	121.752	ug/l	#	86
44) Trichloroethene	8.872	130	195403	97.046	ug/l		94
45) 1,2-Dichloropropane	9.152	63	179965	110.034	ug/l		99
46) Dibromomethane	9.237	93	95968	100.827	ug/l		95
47) Bromodichloromethane	9.432	83	265518	106.226	ug/l		98
48) Methyl methacrylate	9.225	41	107661	122.427	ug/l		90
49) 1,4-Dioxane	9.237	88	18378	1817.108	ug/l	#	95
51) 4-Methyl-2-Pentanone	10.006	43	562082	592.226	ug/l		94
52) Toluene	10.176	92	488296	103.090	ug/l		99
53) t-1,3-Dichloropropene	10.402	75	246769	109.097	ug/l		100
54) cis-1,3-Dichloropropene	9.865	75	289643	107.141	ug/l	#	91
55) 1,1,2-Trichloroethane	10.579	97	125626	99.248	ug/l		100
56) Ethyl methacrylate	10.445	69	184212	111.337	ug/l		88
57) 1,3-Dichloropropane	10.725	76	220204	102.639	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.719	63	421206	599.795	ug/l		95
59) 2-Hexanone	10.768	43	373249	605.028	ug/l		92
60) Dibromochloromethane	10.920	129	179036	99.202	ug/l		99
61) 1,2-Dibromoethane	11.024	107	117576	97.250	ug/l		98
64) Tetrachloroethene	10.652	164	174223	93.066	ug/l		97
65) Chlorobenzene	11.450	112	519942	99.441	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.524	131	185418	99.917	ug/l		99
67) Ethyl Benzene	11.524	91	950017	104.939	ug/l		98
68) m/p-Xylenes	11.639	106	705393	202.801	ug/l		97
69) o-Xylene	11.963	106	332346	102.783	ug/l		97
70) Styrene	11.975	104	559633	104.245	ug/l		98
71) Bromoform	12.139	173	101615	92.910	ug/l	#	99
73) Isopropylbenzene	12.261	105	891697	110.247	ug/l		100
74) N-amyl acetate	12.078	43	196809	133.629	ug/l		91
75) 1,1,2,2-Tetrachloroethane	12.517	83	137599	105.393	ug/l		100
76) 1,2,3-Trichloropropane	12.566	75	184099	201.939	ug/l	#	100
77) Bromobenzene	12.542	156	198715	103.627	ug/l		93
78) n-propylbenzene	12.603	91	1057216	111.529	ug/l		98
79) 2-Chlorotoluene	12.688	91	592096	109.632	ug/l		99
80) 1,3,5-Trimethylbenzene	12.743	105	713935	107.741	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.310	75	47846	108.944	ug/l		92
82) 4-Chlorotoluene	12.786	91	597047	108.014	ug/l		99
83) tert-Butylbenzene	13.005	119	638740	103.933	ug/l		96
84) 1,2,4-Trimethylbenzene	13.054	105	701716	108.409	ug/l		100
85) sec-Butylbenzene	13.182	105	931799	107.093	ug/l		100
86) p-Isopropyltoluene	13.304	119	778814	106.512	ug/l		99
87) 1,3-Dichlorobenzene	13.298	146	380481	101.760	ug/l		100
88) 1,4-Dichlorobenzene	13.377	146	368361	99.212	ug/l		99
89) n-Butylbenzene	13.627	91	720257	109.974	ug/l		98
90) Hexachloroethane	13.889	117	160918	108.782	ug/l		94
91) 1,2-Dichlorobenzene	13.670	146	323508	99.218	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	20553	102.253	ug/l		93
93) 1,2,4-Trichlorobenzene	14.932	180	201024	100.693	ug/l		100
94) Hexachlorobutadiene	15.035	225	124879	90.315	ug/l		100
95) Naphthalene	15.157	128	331641	103.361	ug/l		99
96) 1,2,3-Trichlorobenzene	15.340	180	167187	99.024	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021024.D
Acq On : 03 Feb 2025 12:21
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Quant Time: Feb 03 12:39:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

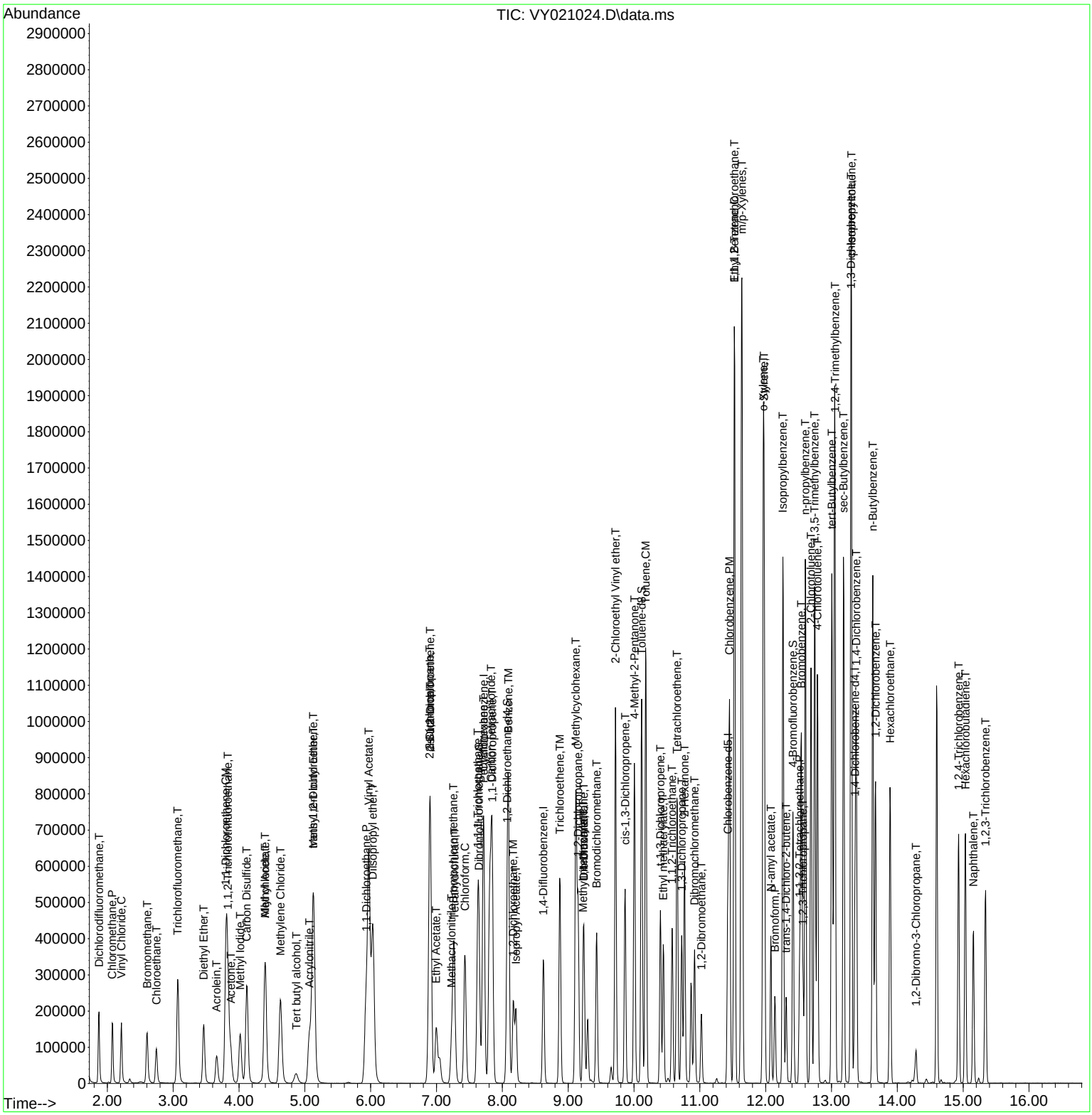
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

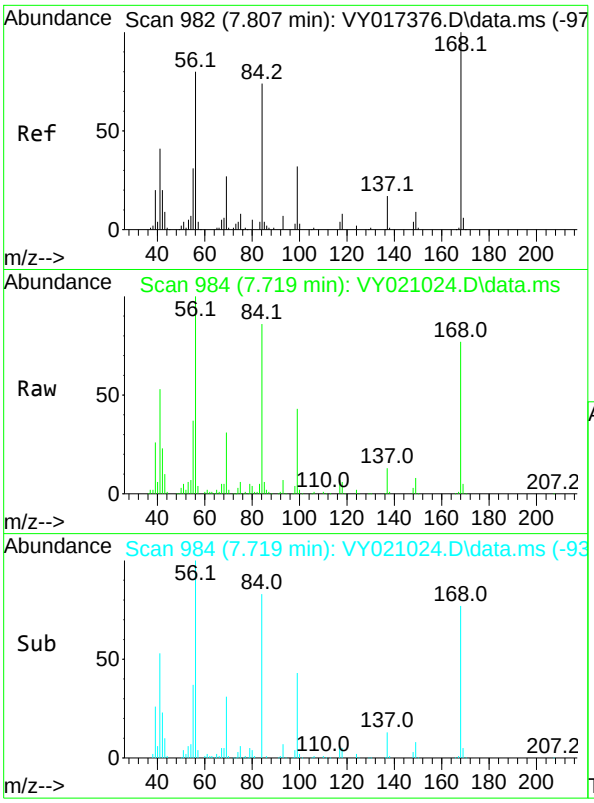
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021024.D
Acq On : 03 Feb 2025 12:21
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Quant Time: Feb 03 12:39:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration



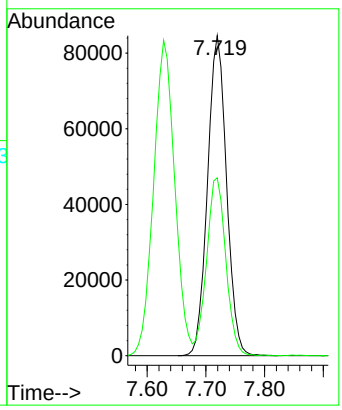


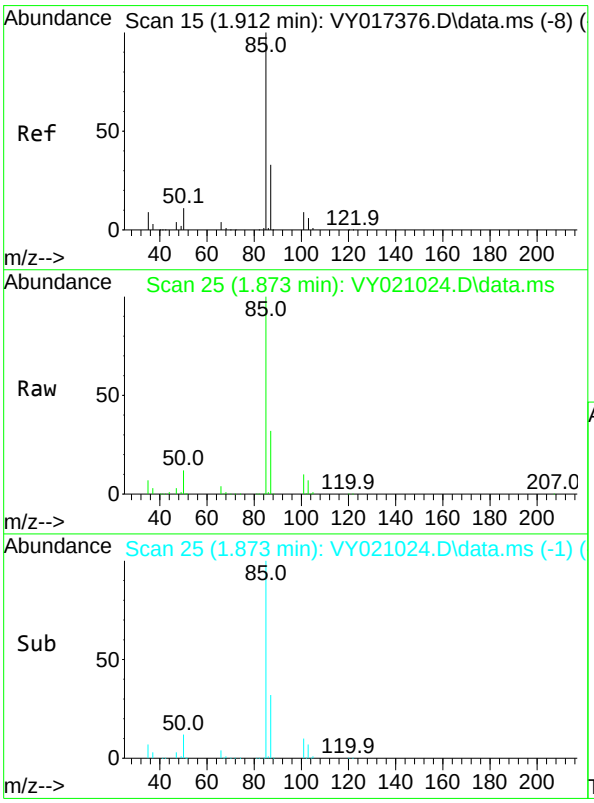
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:168 Resp: 190137

Ion	Ratio	Lower	Upper
168	100		
99	55.5	42.2	63.2

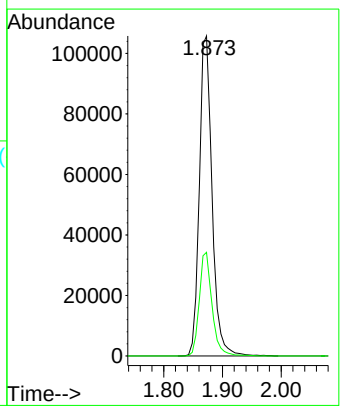


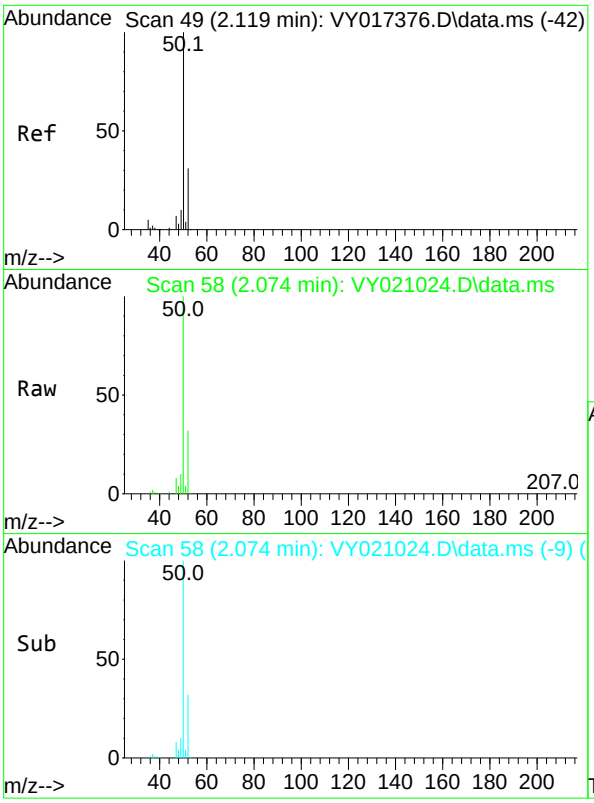


#2
Dichlorodifluoromethane
Concen: 98.533 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 85 Resp: 159301

Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.3	48.9



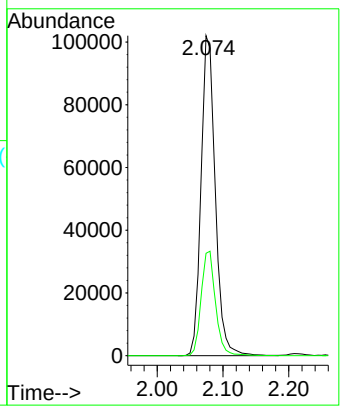


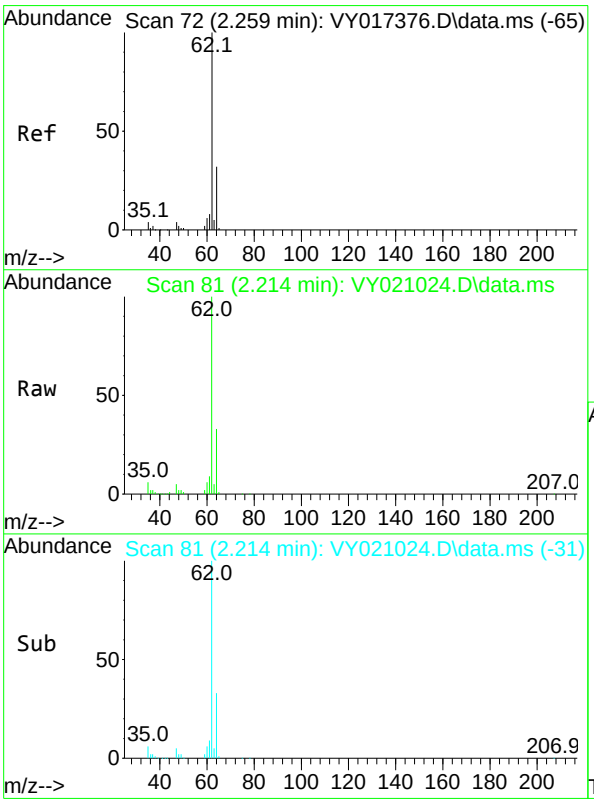
#3
Chloromethane
Concen: 149.541 ug/l
RT: 2.074 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 153706

Ion	Ratio	Lower	Upper
50	100		
52	32.0	26.3	39.5

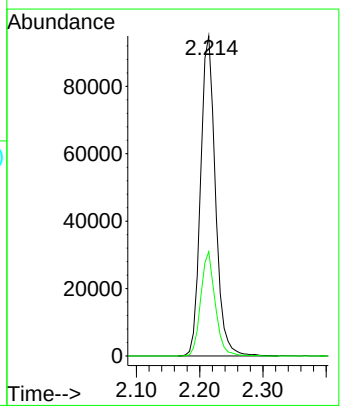


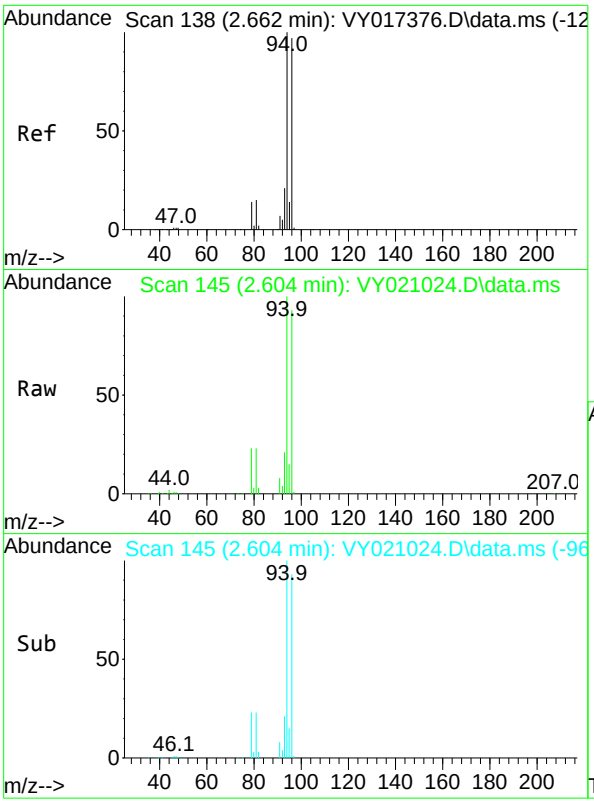


#4
Vinyl Chloride
Concen: 146.266 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 62 Resp: 155011

Ion	Ratio	Lower	Upper
62	100		
64	32.6	25.4	38.2



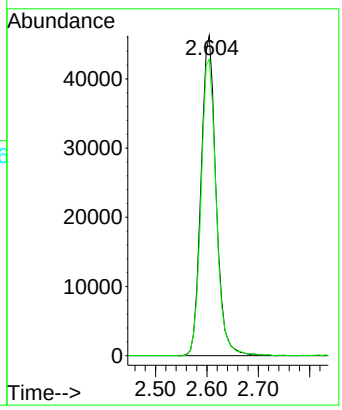


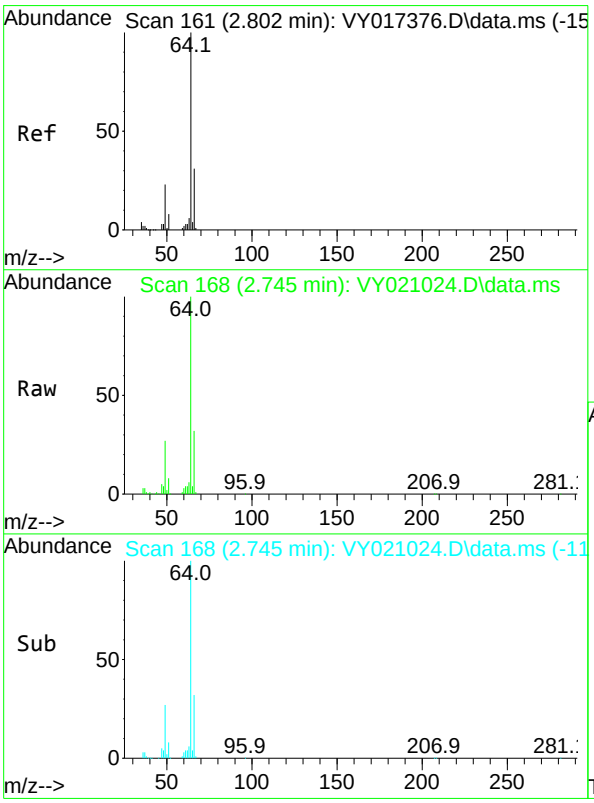
#5
Bromomethane
Concen: 130.495 ug/l
RT: 2.604 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 94 Resp: 93622

Ion	Ratio	Lower	Upper
94	100		
96	92.6	77.4	116.0

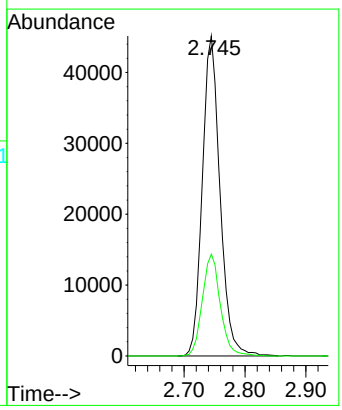


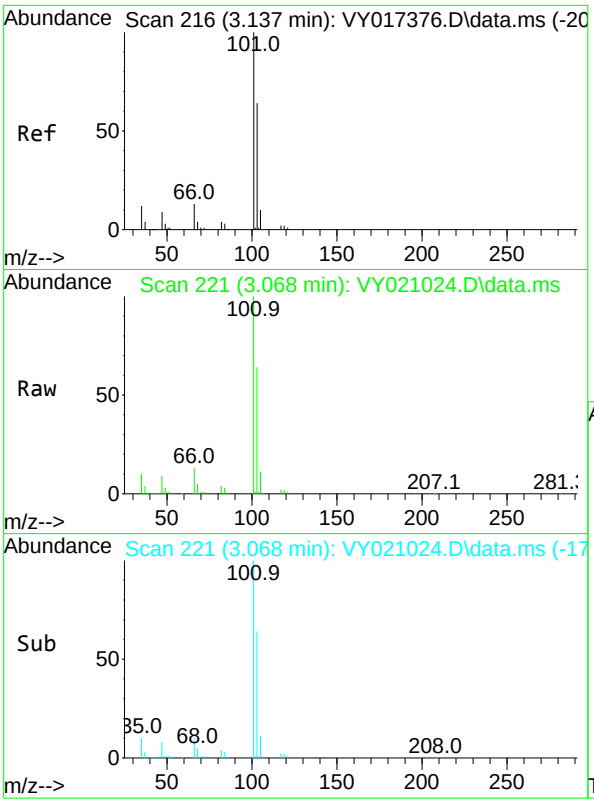


#6
Chloroethane
Concen: 147.011 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 64 Resp: 91012

Ion	Ratio	Lower	Upper
64	100		
66	31.8	25.0	37.4



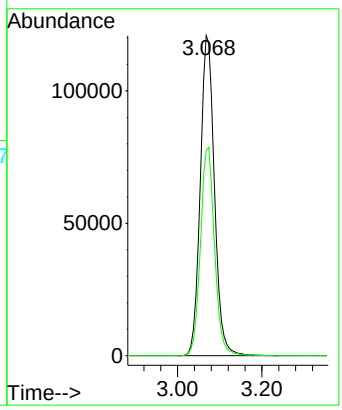


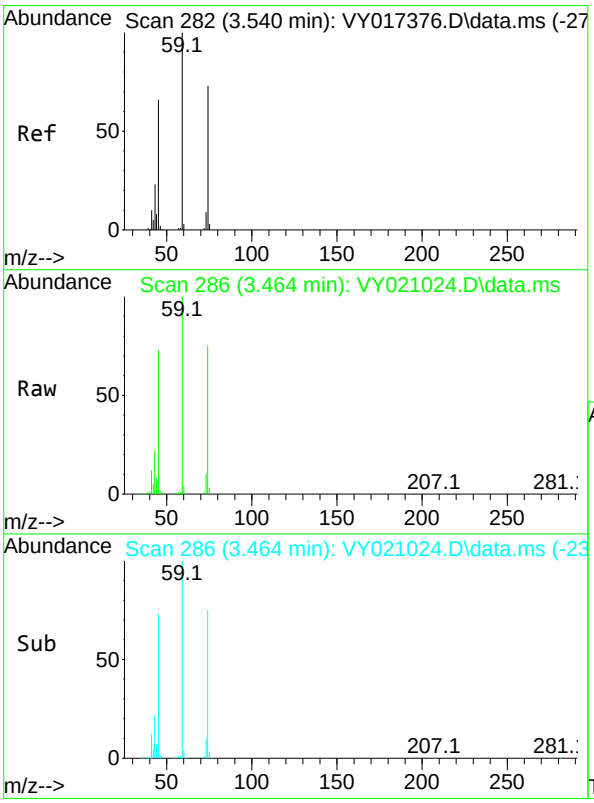
#7
Trichlorofluoromethane
Concen: 110.443 ug/l
RT: 3.068 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 282462

Ion	Ratio	Lower	Upper
101	100		
103	64.2	50.9	76.3

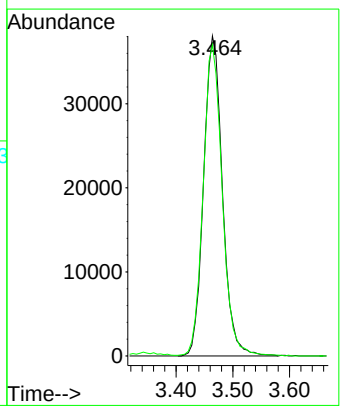


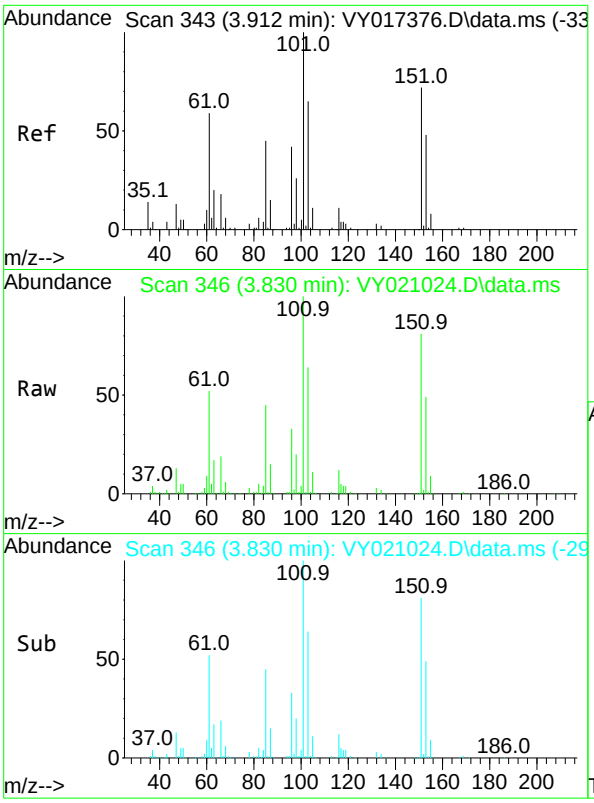


#8
Diethyl Ether
Concen: 114.680 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 74 Resp: 87561

Ion	Ratio	Lower	Upper
74	100		
45	98.9	43.4	130.2



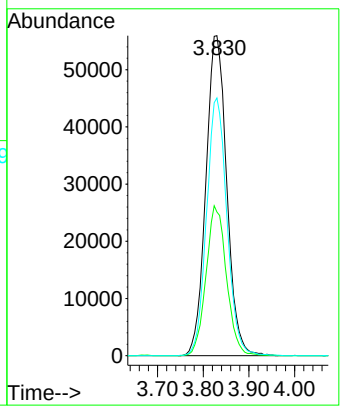


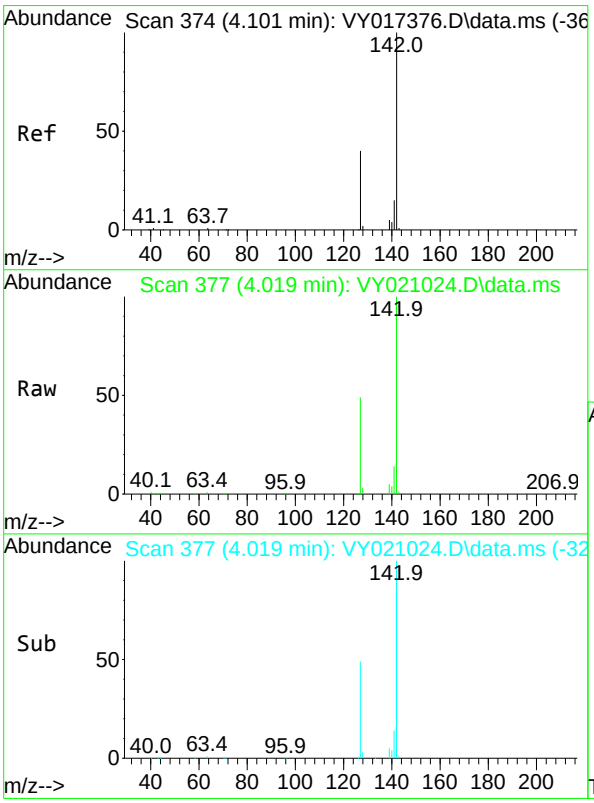
#9
1,1,2-Trichlorotrifluoroethane
Concen: 102.939 ug/l
RT: 3.830 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 177279

Ion	Ratio	Lower	Upper
101	100		
85	45.9	34.9	52.3
151	78.9	66.8	100.2

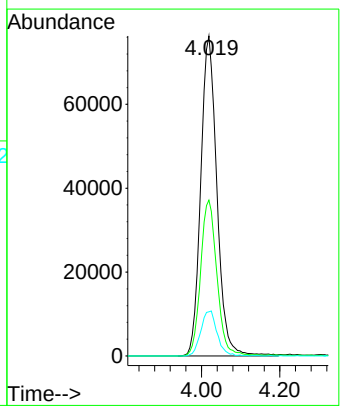


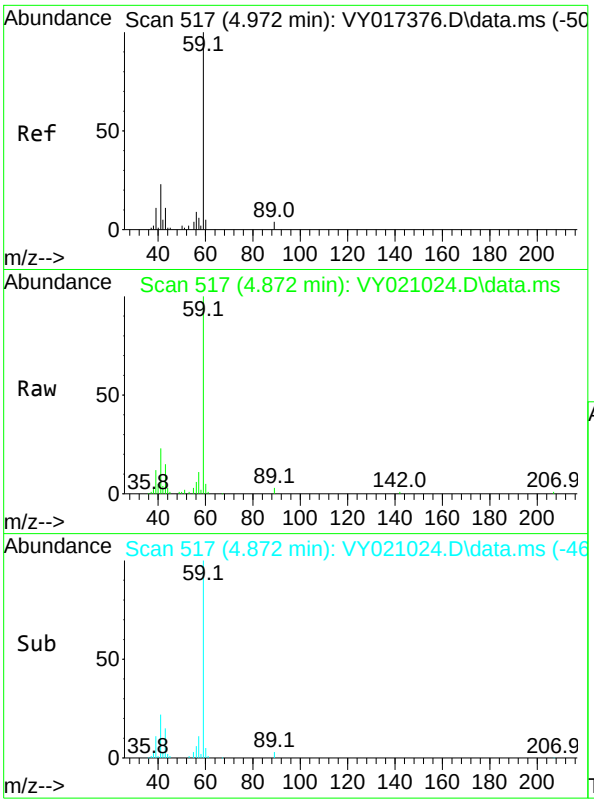


#10
Methyl Iodide
Concen: 111.078 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:142 Resp: 218905

Ion	Ratio	Lower	Upper
142	100		
127	49.2	38.9	58.3
141	14.2	11.7	17.5



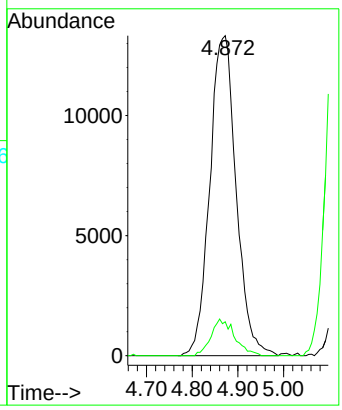


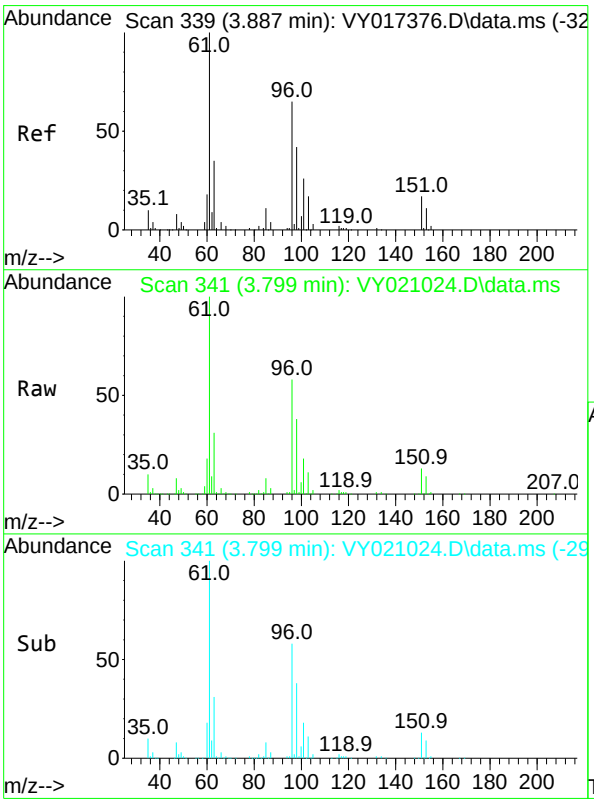
#11
Tert butyl alcohol
Concen: 452.085 ug/l
RT: 4.872 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 53461

Ion	Ratio	Lower	Upper
59	100		
57	10.3	7.8	11.8

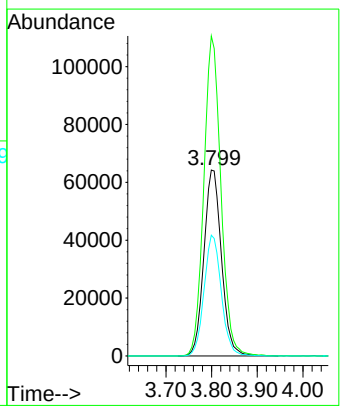


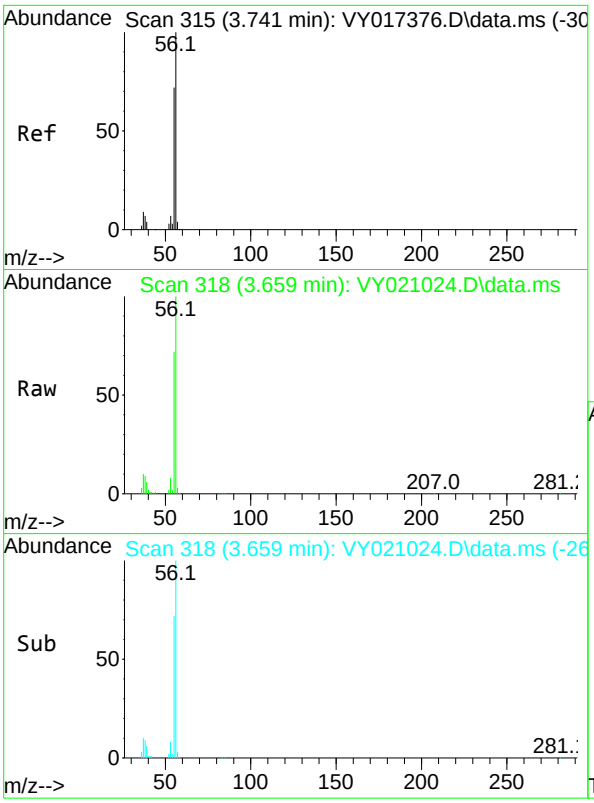


#12
1,1-Dichloroethene
Concen: 106.739 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 96 Resp: 171787

Ion	Ratio	Lower	Upper
96	100		
61	172.1	120.8	181.2
98	64.9	50.6	76.0



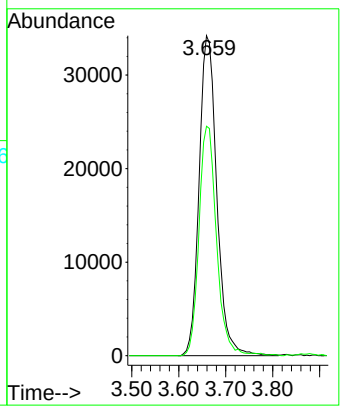


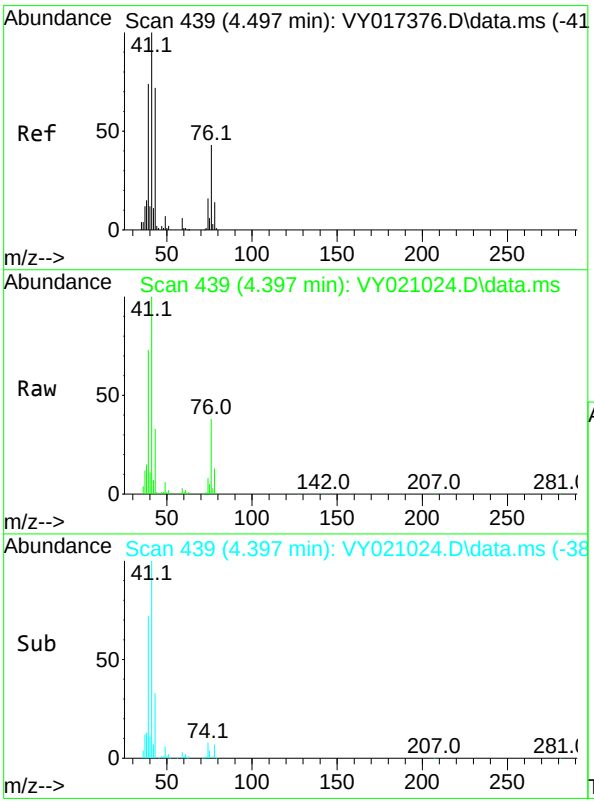
#13
Acrolein
Concen: 657.572 ug/l
RT: 3.659 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 89546

Ion	Ratio	Lower	Upper
56	100		
55	71.2	56.1	84.1

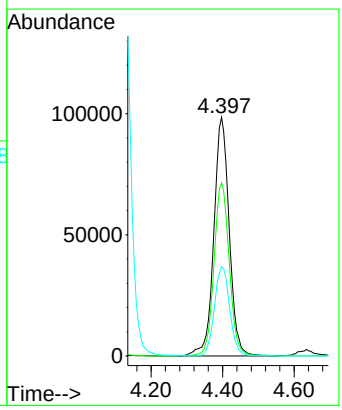


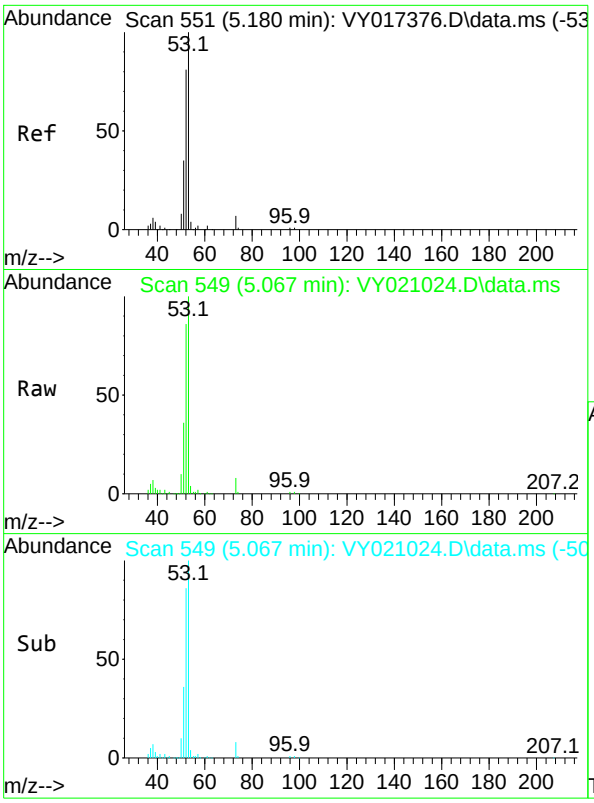


#14
Allyl chloride
Concen: 132.835 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 41 Resp: 294317

Ion	Ratio	Lower	Upper
41	100		
39	72.0	53.5	80.3
76	37.1	34.6	52.0



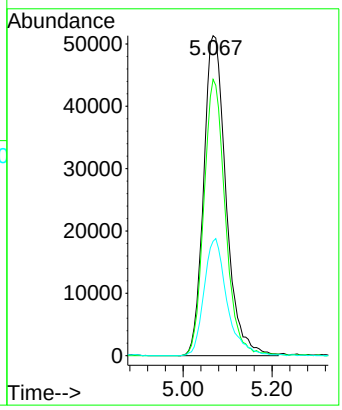


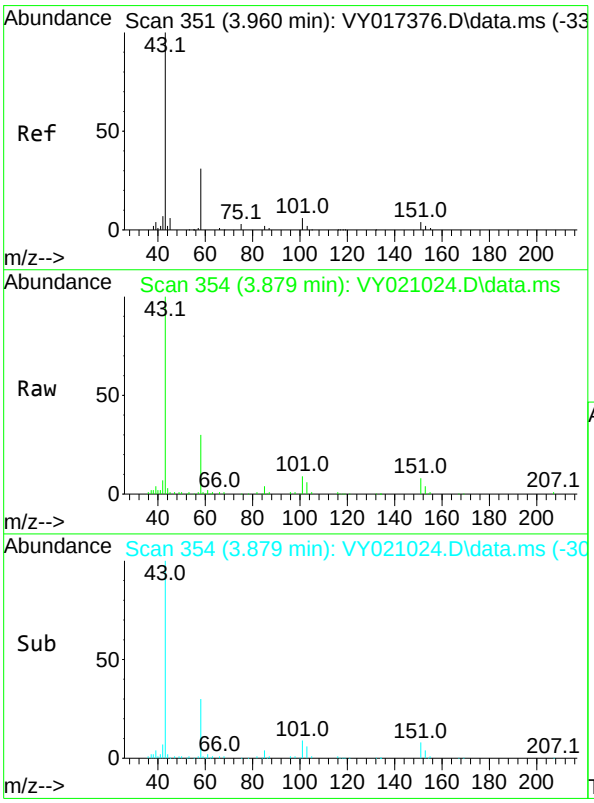
#15
Acrylonitrile
Concen: 573.057 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 53 Resp: 179975

Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.2	99.4
51	37.6	29.4	44.0

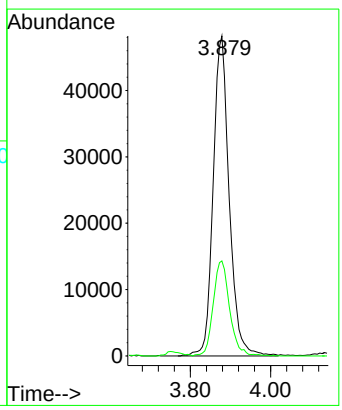


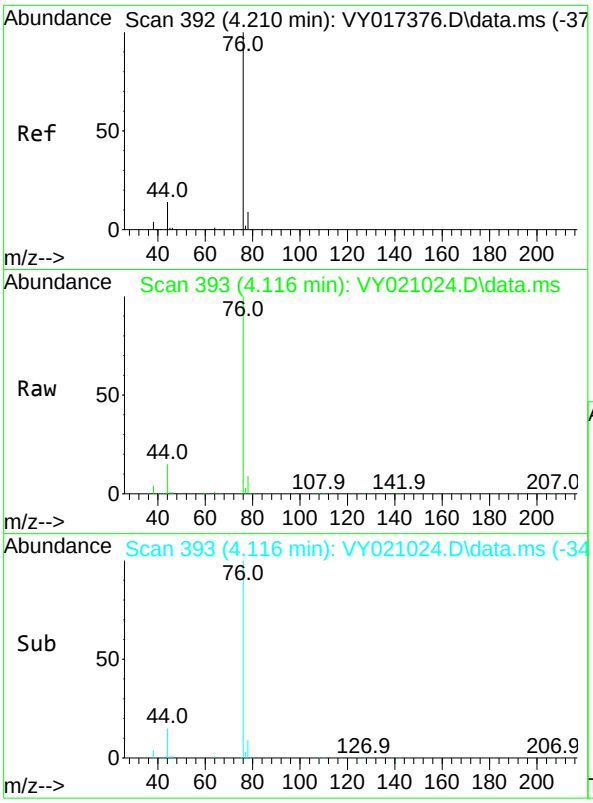


#16
Acetone
Concen: 606.320 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 43 Resp: 133780

Ion	Ratio	Lower	Upper
43	100		
58	29.6	28.4	42.6



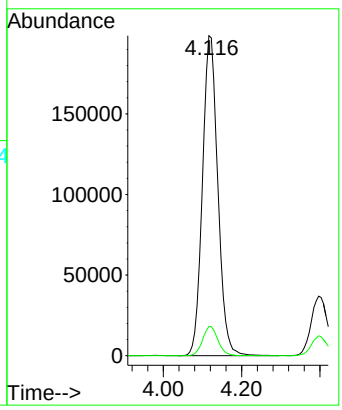


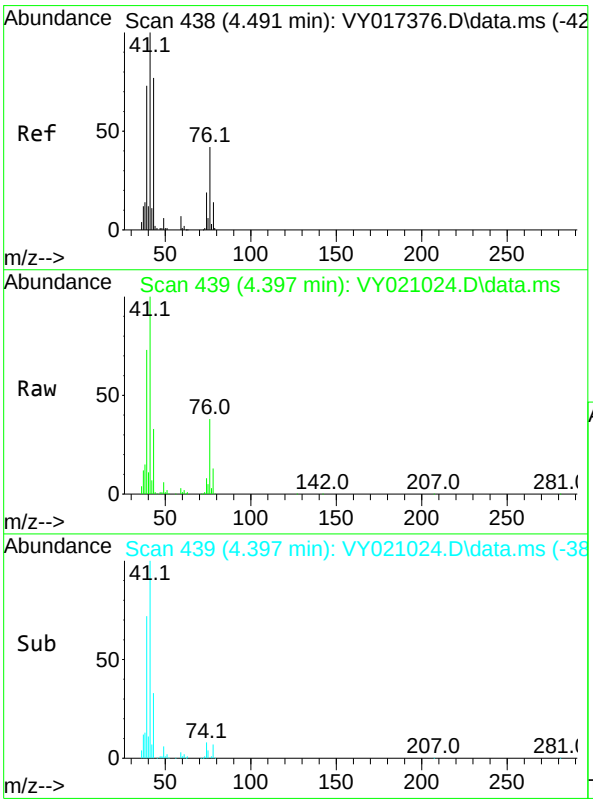
#17
Carbon Disulfide
Concen: 108.991 ug/l
RT: 4.116 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 540251

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

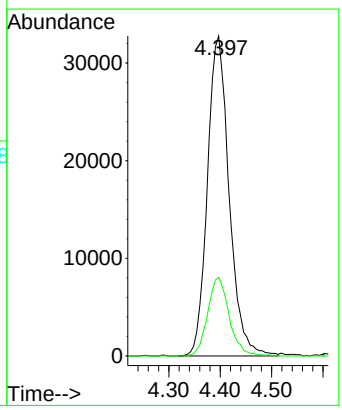


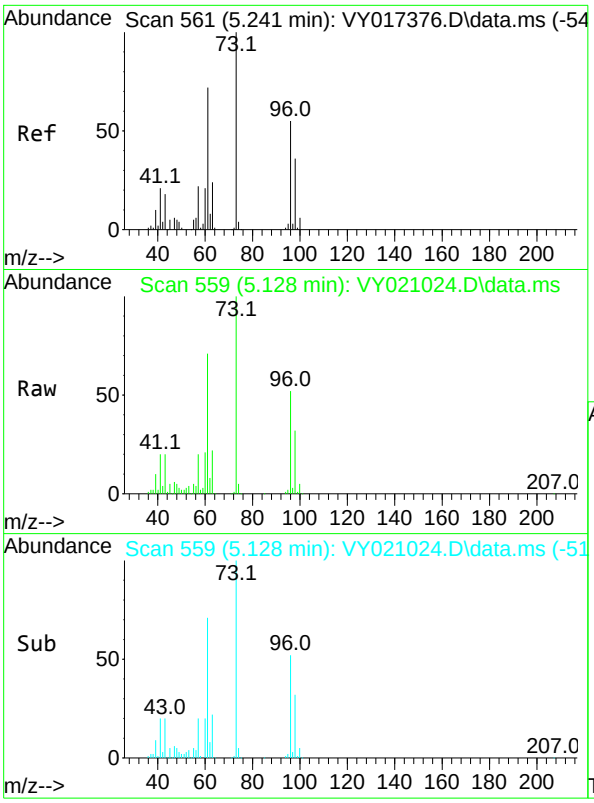


#18
Methyl Acetate
Concen: 124.639 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 43 Resp: 96229

Ion	Ratio	Lower	Upper
43	100		
74	24.3	22.2	33.4



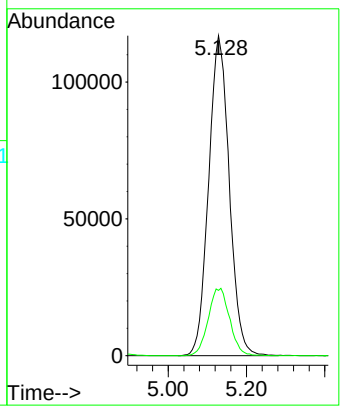


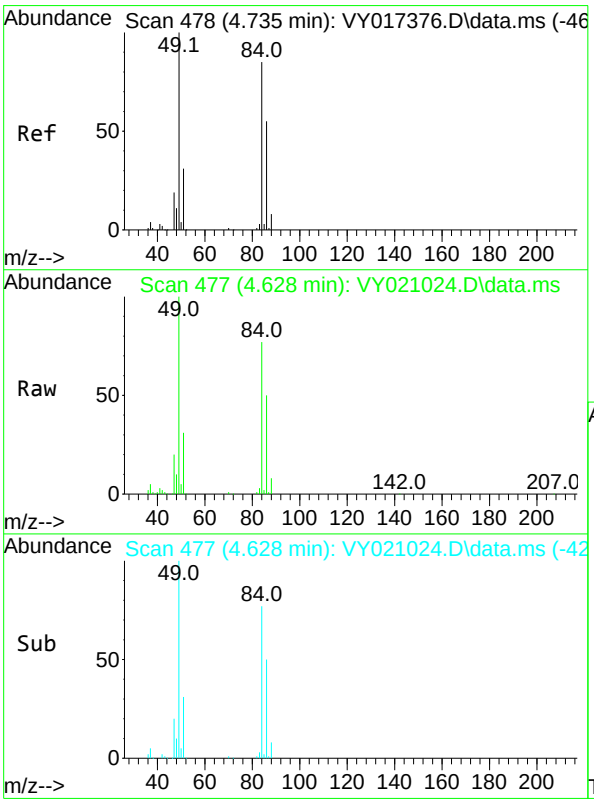
#19
Methyl tert-butyl Ether
Concen: 114.141 ug/l
RT: 5.128 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 427571

Ion	Ratio	Lower	Upper
73	100		
57	20.4	16.6	25.0

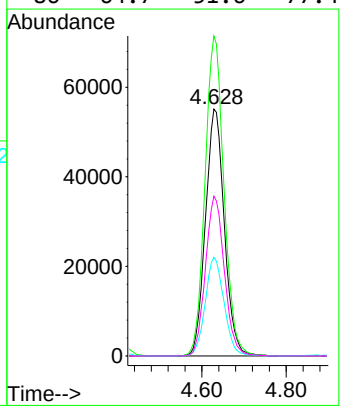


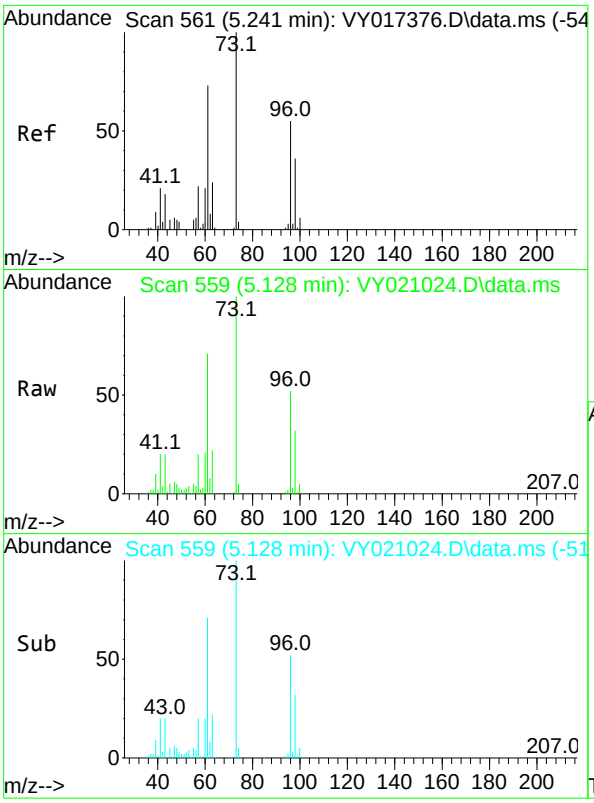


#20
Methylene Chloride
Concen: 105.558 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 84 Resp: 171778

Ion	Ratio	Lower	Upper
84	100		
49	129.6	88.3	132.5
51	40.0	27.7	41.5
86	64.7	51.6	77.4



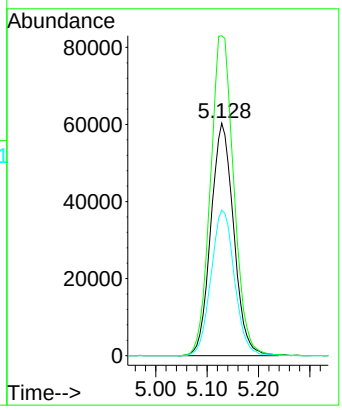


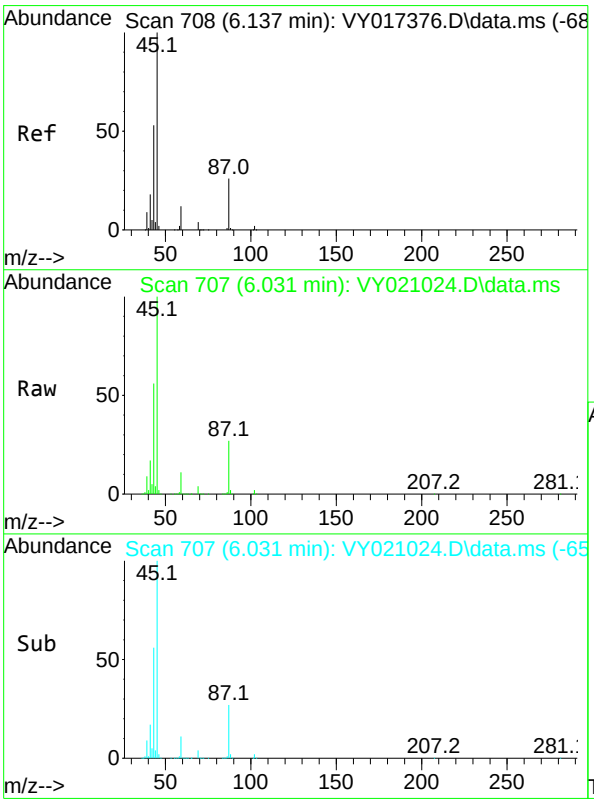
#21
trans-1,2-Dichloroethene
Concen: 108.095 ug/l
RT: 5.128 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 186520

Ion	Ratio	Lower	Upper
96	100		
61	137.7	101.5	152.3
98	62.7	52.0	78.0

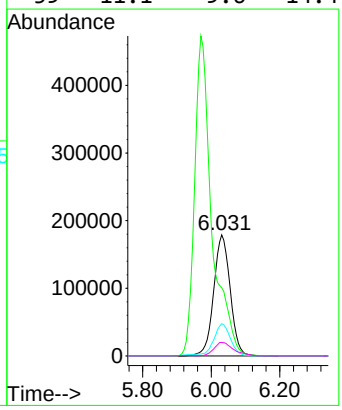


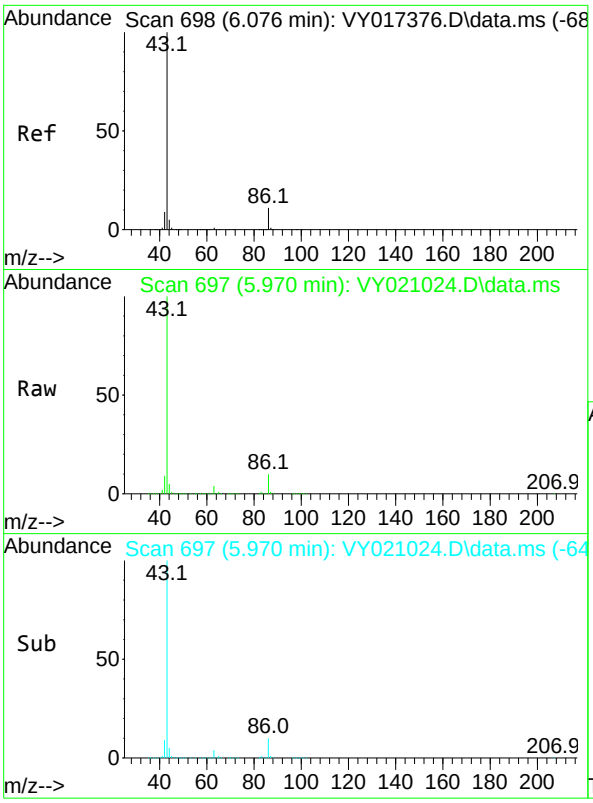


#22
Diisopropyl ether
Concen: 132.422 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 45 Resp: 598063

Ion	Ratio	Lower	Upper
45	100		
43	56.1	45.1	67.7
87	26.7	25.0	37.4
59	11.1	9.6	14.4



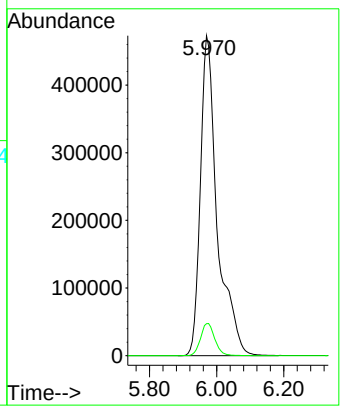


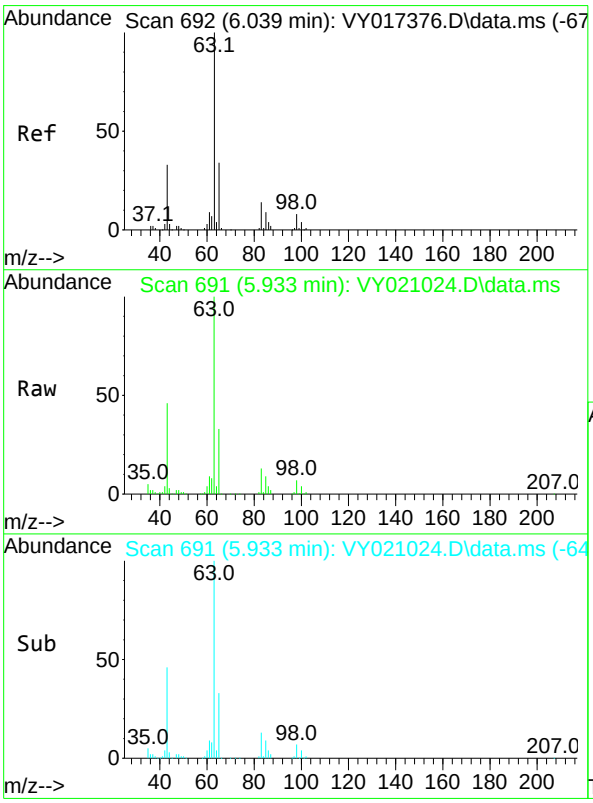
#23
Vinyl Acetate
Concen: 660.973 ug/l
RT: 5.970 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1653156

Ion	Ratio	Lower	Upper
43	100		
86	10.0	9.7	14.5

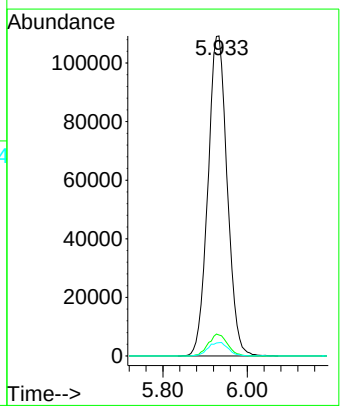


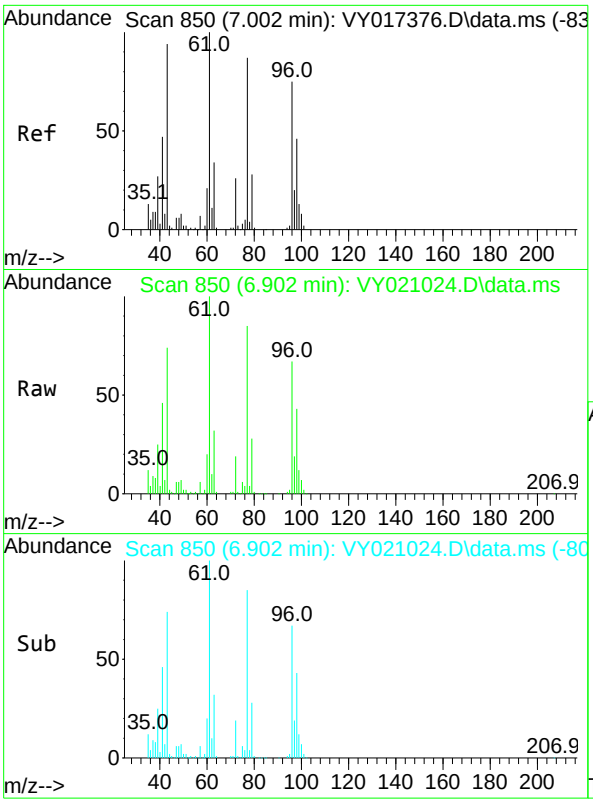


#24
1,1-Dichloroethane
Concen: 118.878 ug/l
RT: 5.933 min Scan# 691
Delta R.T. 0.013 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 63 Resp: 346367

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.7	11.1
100	4.1	2.4	7.2



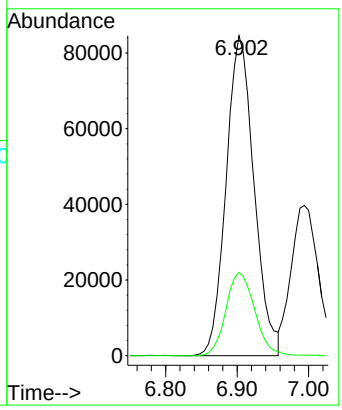


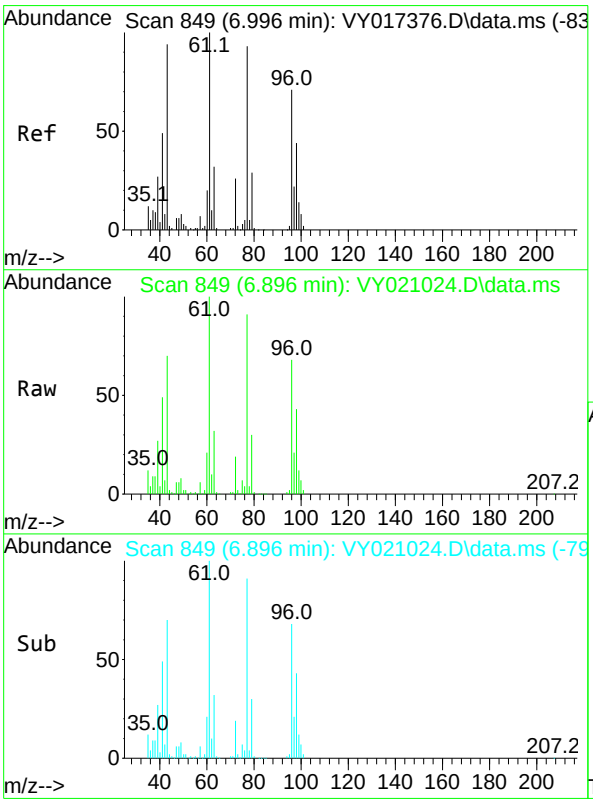
#25
2-Butanone
Concen: 613.177 ug/l
RT: 6.902 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 229517

Ion	Ratio	Lower	Upper
43	100		
72	26.1	24.3	36.5

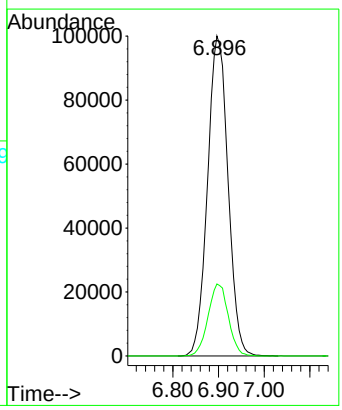


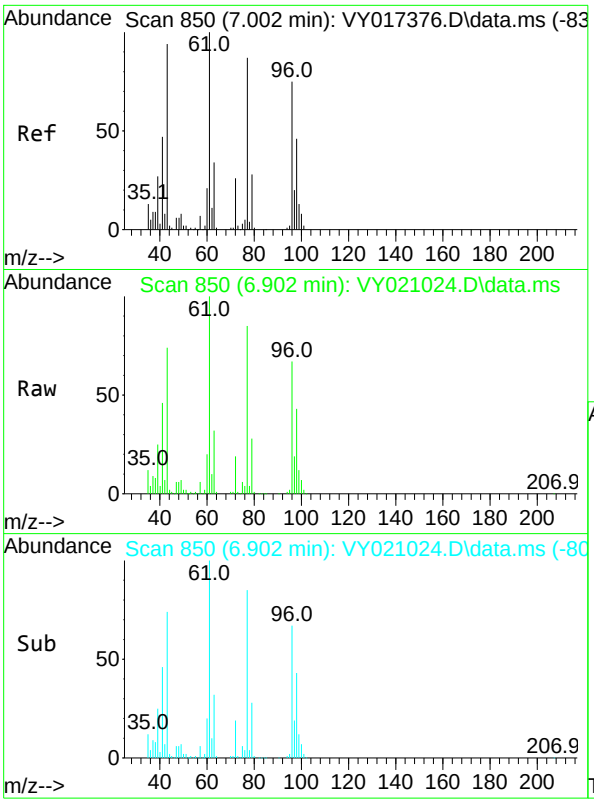


#26
2,2-Dichloropropane
Concen: 108.502 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 77 Resp: 311254

Ion	Ratio	Lower	Upper
77	100		
97	22.3	11.4	34.2



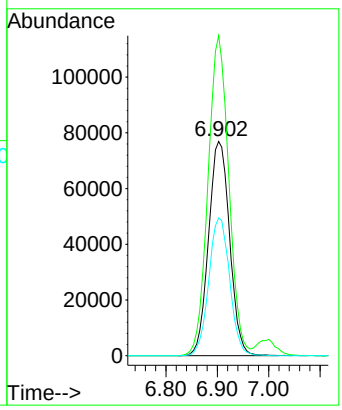


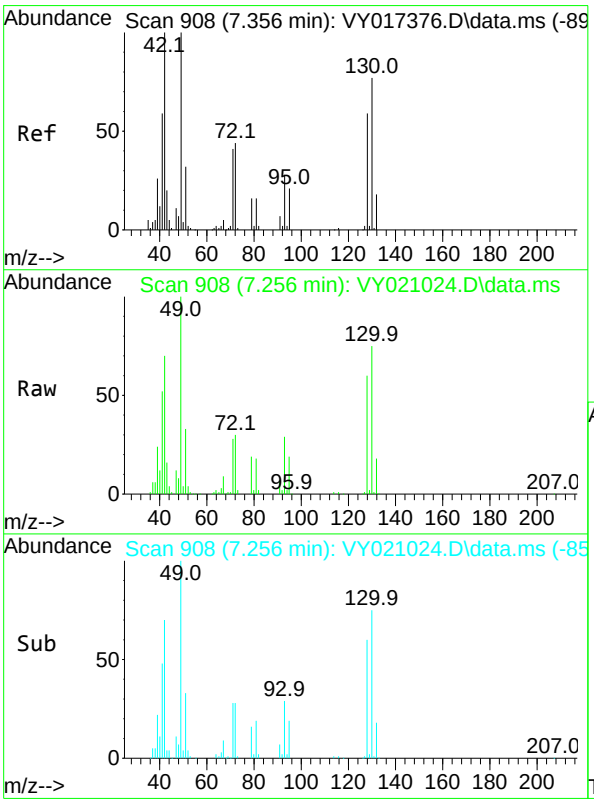
#27
cis-1,2-Dichloroethene
Concen: 110.326 ug/l
RT: 6.902 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 218816

Ion	Ratio	Lower	Upper
96	100		
61	147.4	0.0	274.0
98	63.9	0.0	130.4

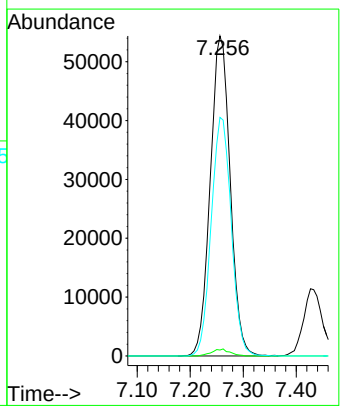


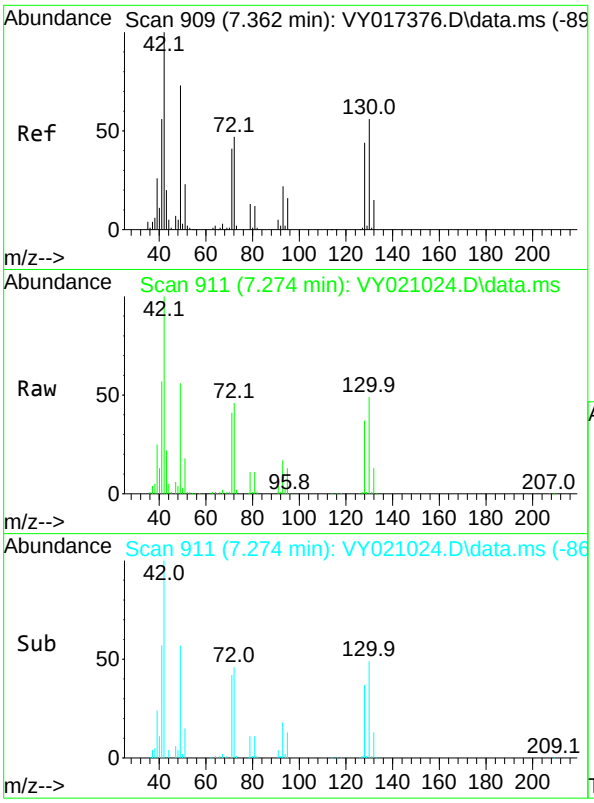


#28
Bromochloromethane
Concen: 130.955 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 49 Resp: 142156

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	5.0
130	74.8	73.2	109.8



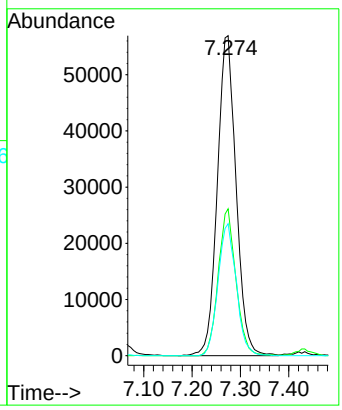


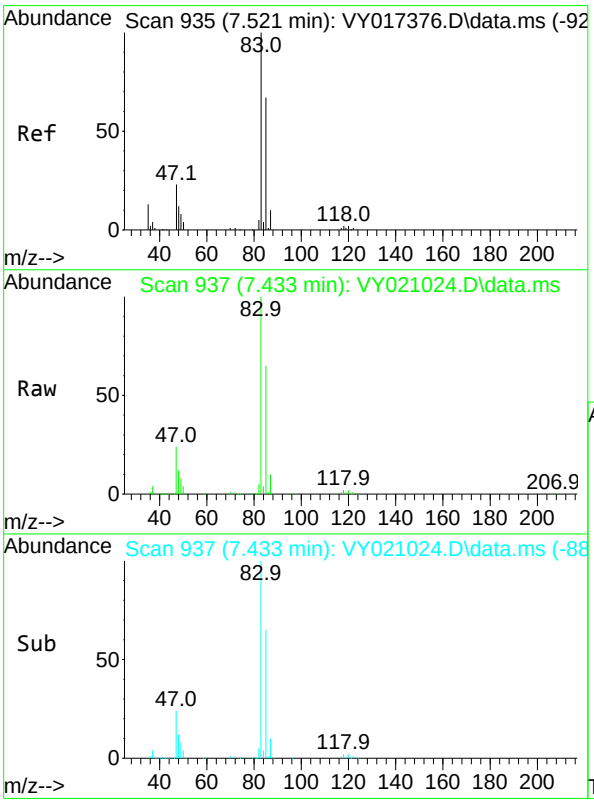
#29
Tetrahydrofuran
Concen: 607.855 ug/l
RT: 7.274 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 42 Resp: 153104

Ion	Ratio	Lower	Upper
42	100		
72	43.3	39.3	58.9
71	40.2	36.1	54.1

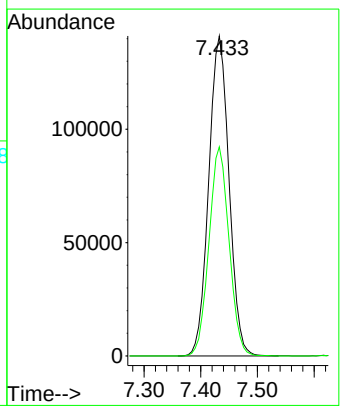


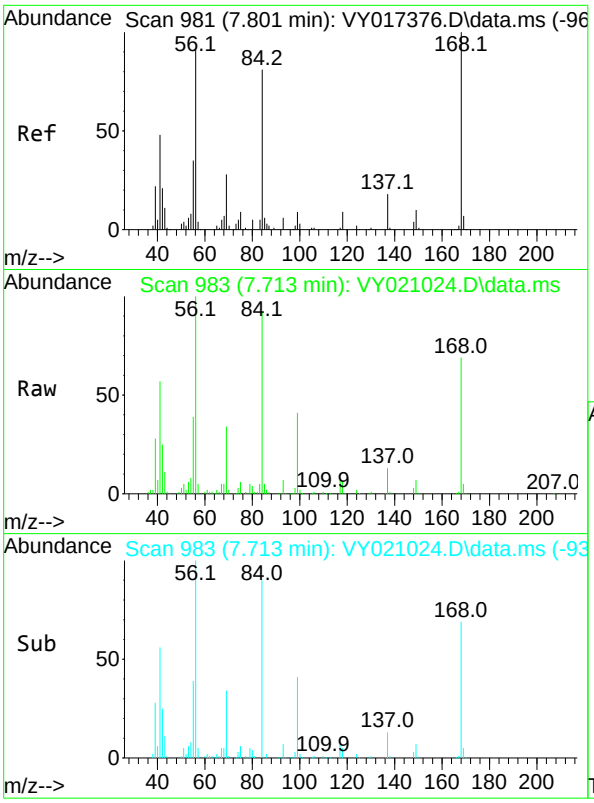


#30
Chloroform
Concen: 111.040 ug/l
RT: 7.433 min Scan# 937
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 83 Resp: 350416

Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.9	79.3



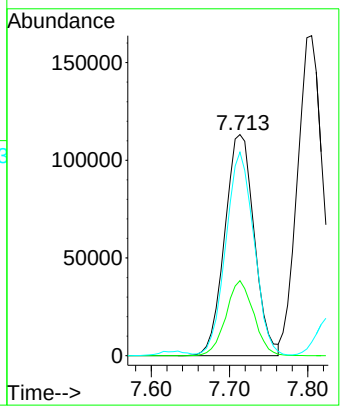


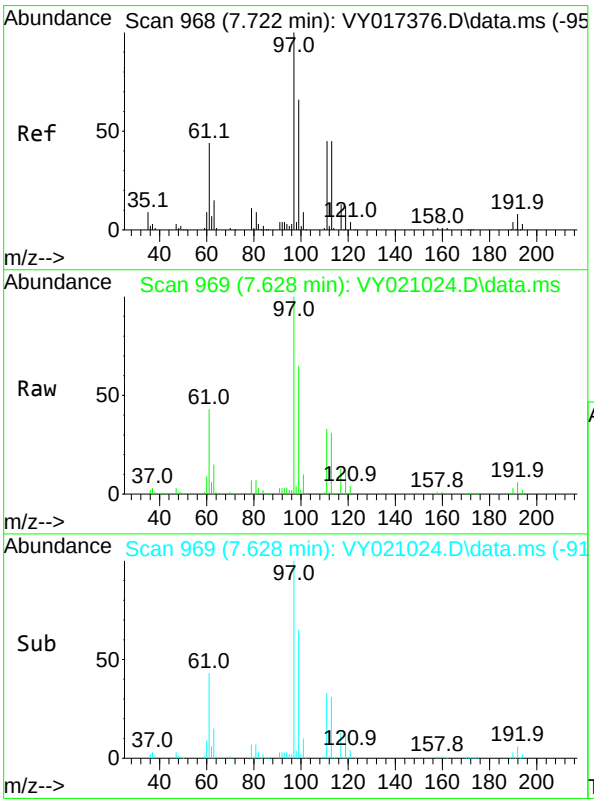
#31
Cyclohexane
Concen: 104.021 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 296243

Ion	Ratio	Lower	Upper
56	100		
69	33.9	27.7	41.5
84	90.1	77.5	116.3

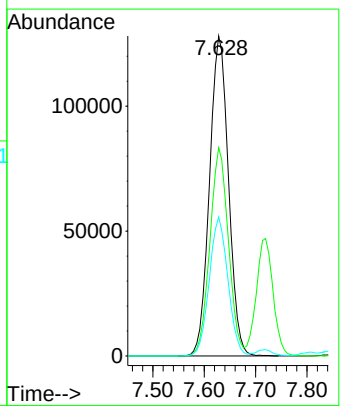


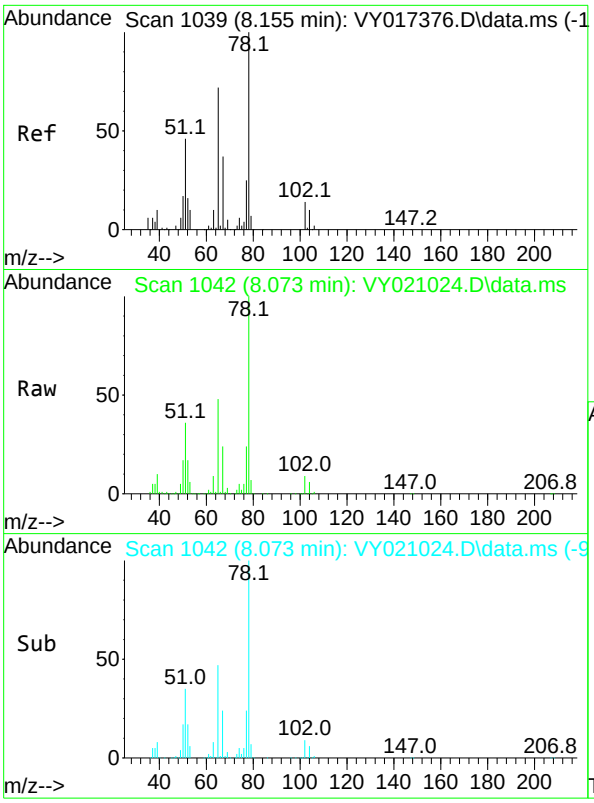


#32
1,1,1-Trichloroethane
Concen: 107.493 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 97 Resp: 328296

Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.4	77.0
61	42.7	31.4	47.0



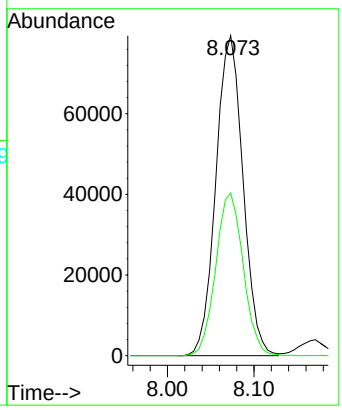


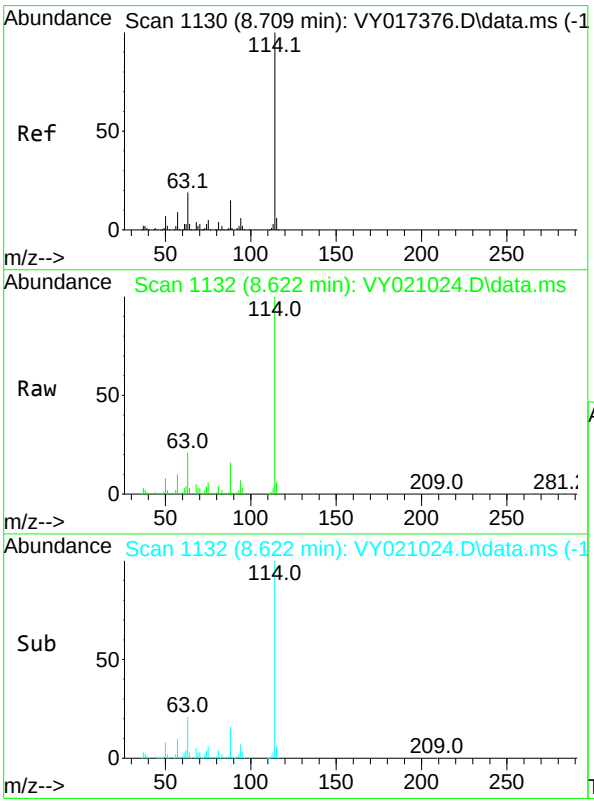
#33
1,2-Dichloroethane-d4
Concen: 106.741 ug/l
RT: 8.073 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 65 Resp: 172797

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	104.4

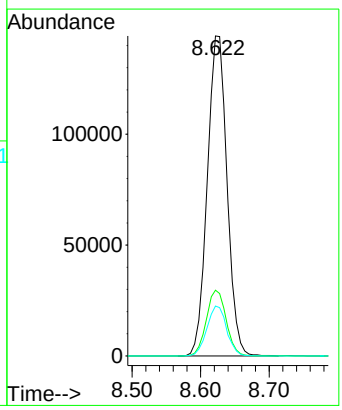


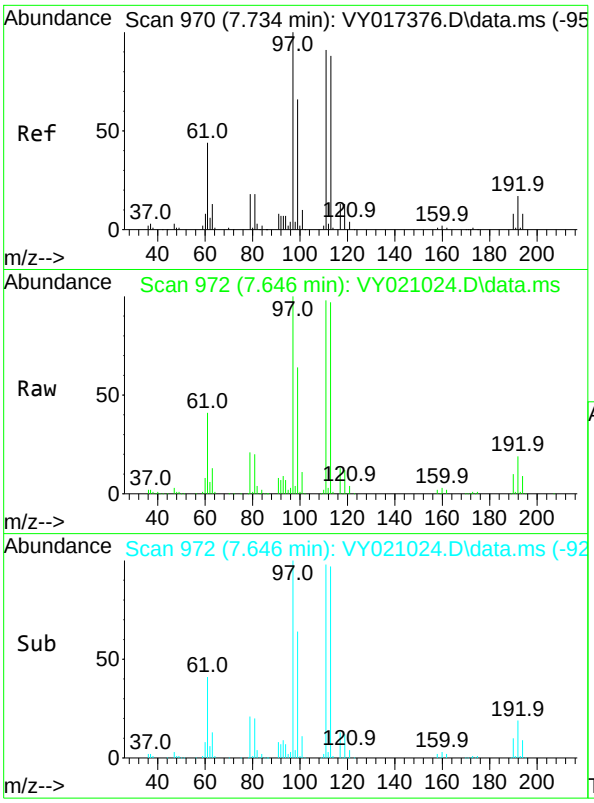


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:114 Resp: 289157

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	37.2
88	15.6	0.0	29.6



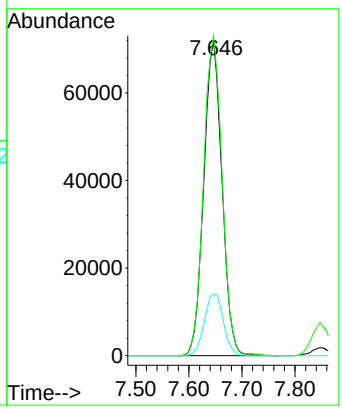


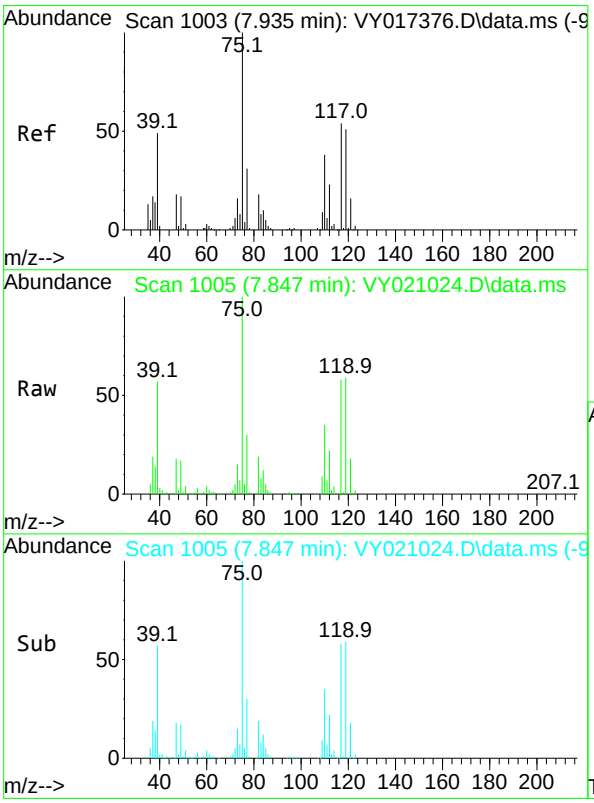
#35
Dibromofluoromethane
Concen: 98.858 ug/l
RT: 7.646 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:113 Resp: 171851

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	20.5	16.8	25.2

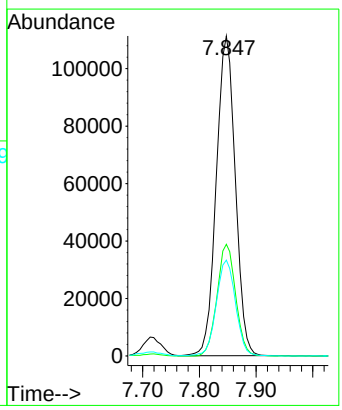


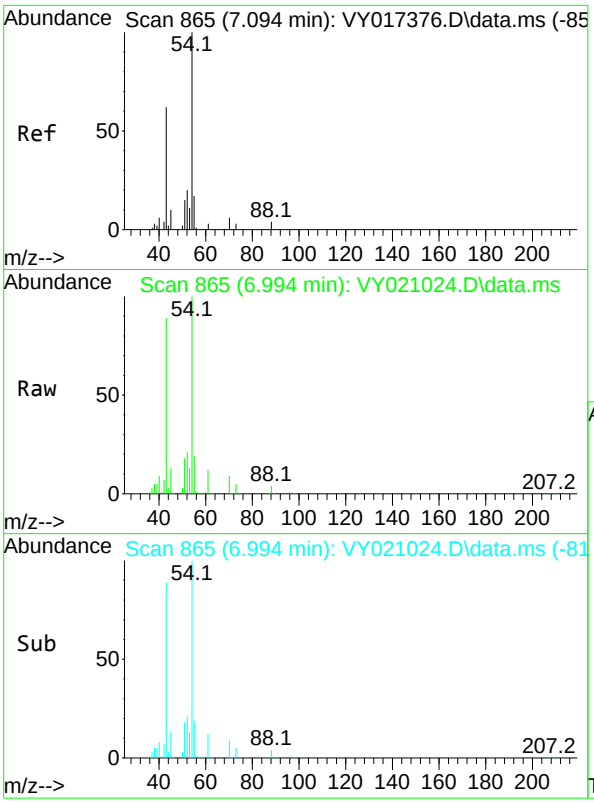


#36
1,1-Dichloropropene
Concen: 104.370 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 75 Resp: 258833

Ion	Ratio	Lower	Upper
75	100		
110	34.2	18.4	55.2
77	30.5	24.9	37.3



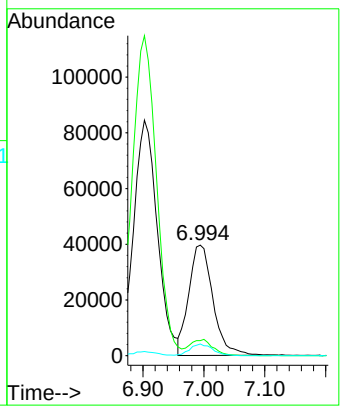


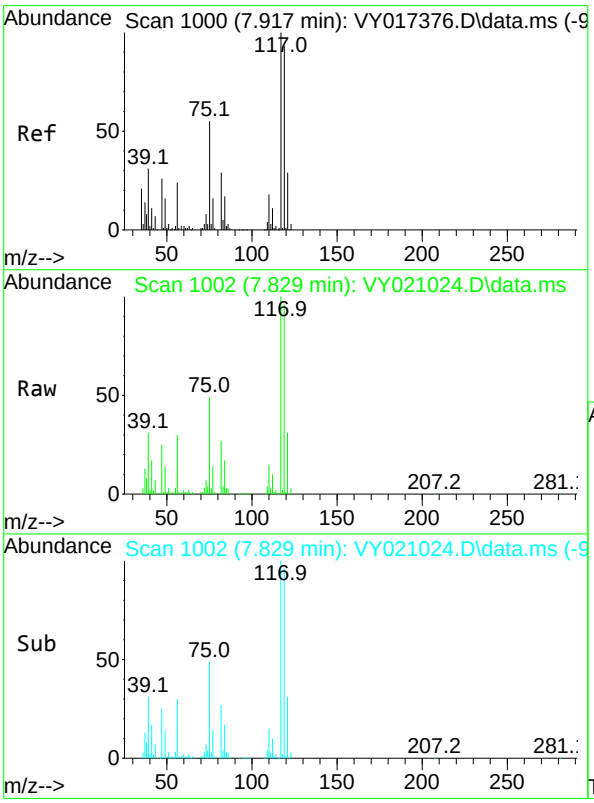
#37
Ethyl Acetate
Concen: 117.685 ug/l
RT: 6.994 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 108807

Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.4	17.0
70	9.9	9.6	14.4

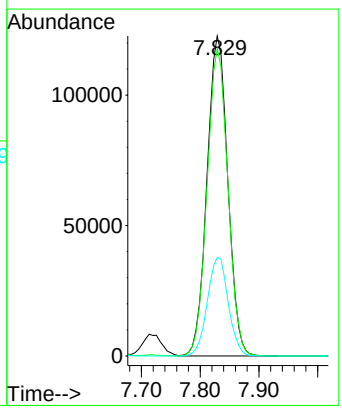


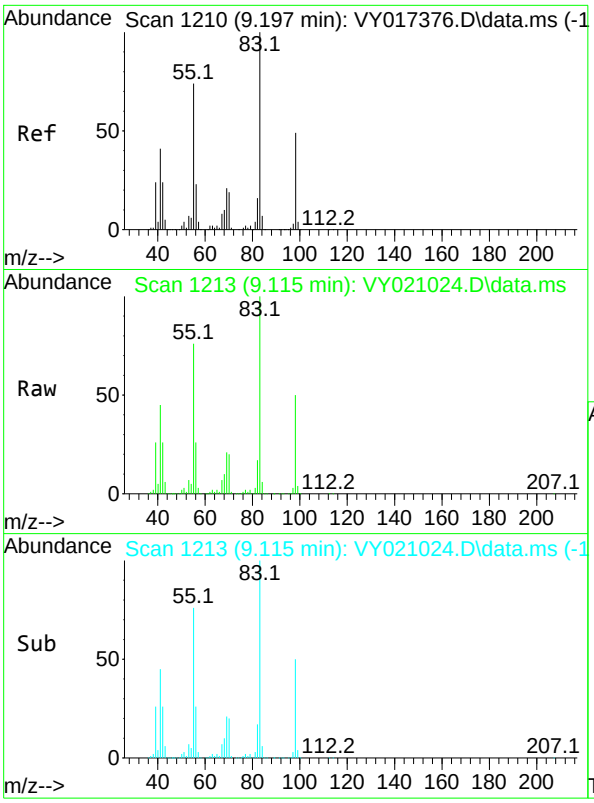


#38
Carbon Tetrachloride
Concen: 98.406 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:117 Resp: 302001

Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.0	112.6
121	30.8	24.2	36.2



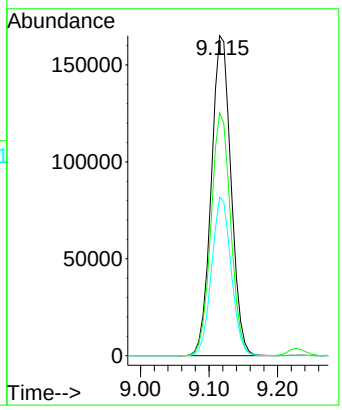


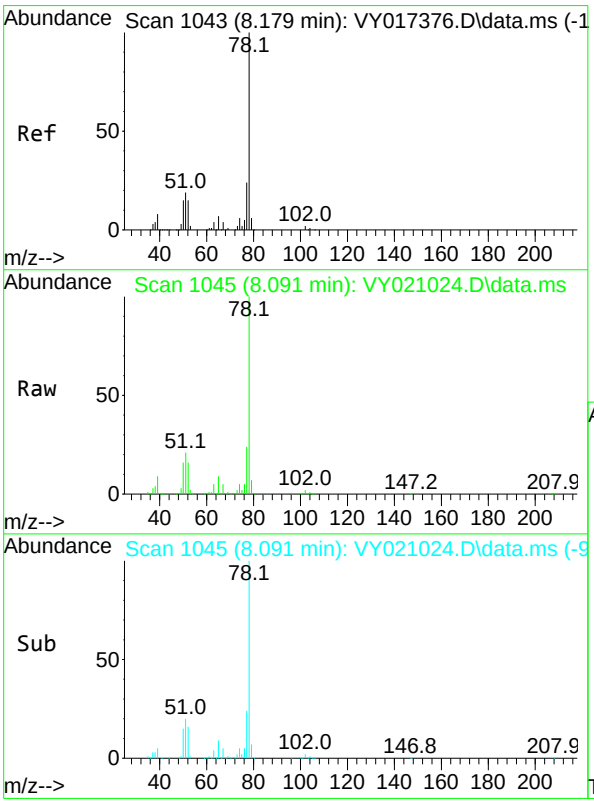
#39
Methylcyclohexane
Concen: 99.014 ug/l
RT: 9.115 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 329865

Ion	Ratio	Lower	Upper
83	100		
55	75.9	54.9	82.3
98	49.5	40.5	60.7

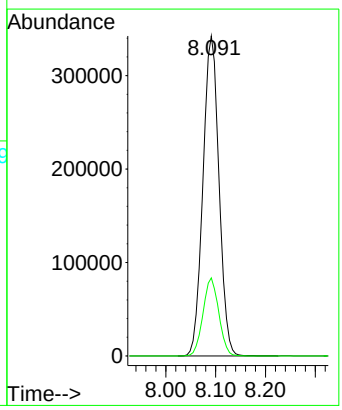


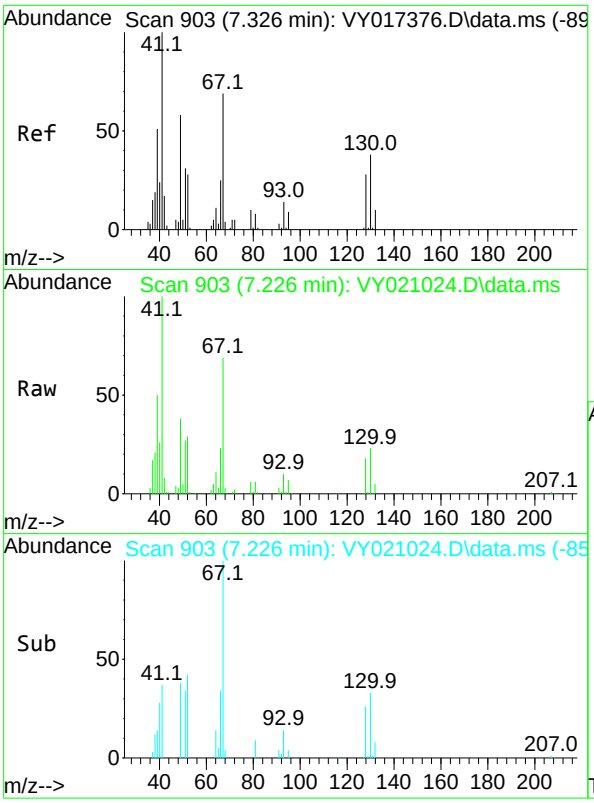


#40
Benzene
Concen: 104.883 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 78 Resp: 765340

Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.4	29.2



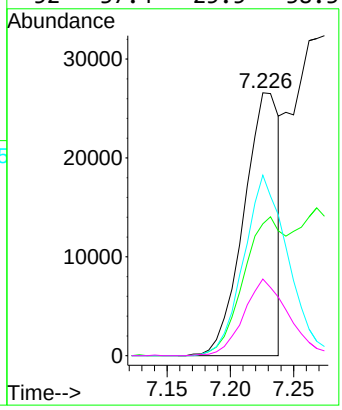


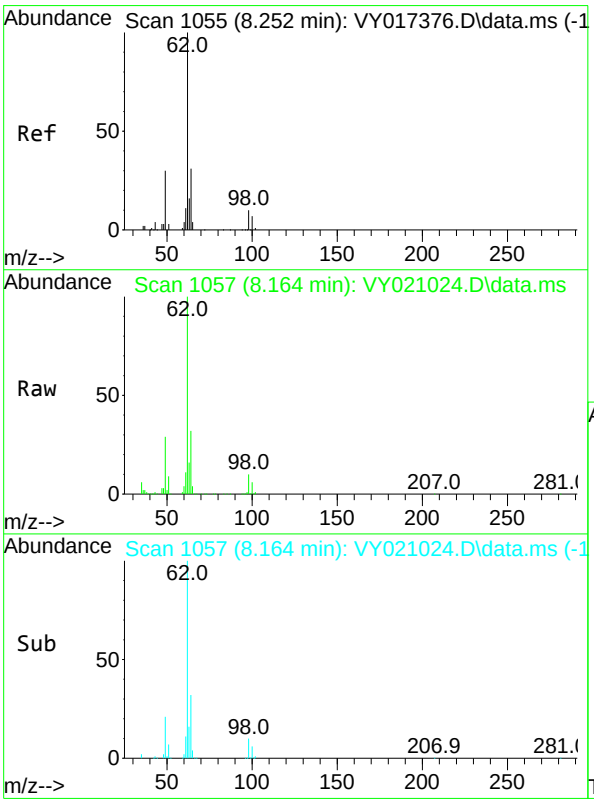
#41
Methacrylonitrile
Concen: 100.841 ug/l
RT: 7.226 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 51586

Ion	Ratio	Lower	Upper
41	100		
39	62.0	41.6	62.4
67	86.8	63.8	95.6
52	37.4	25.5	38.3

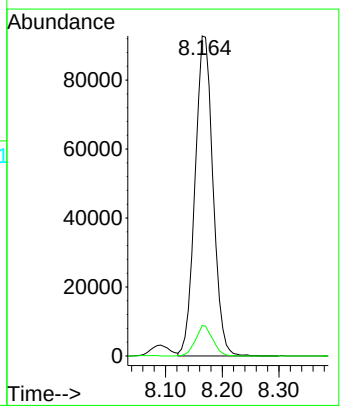


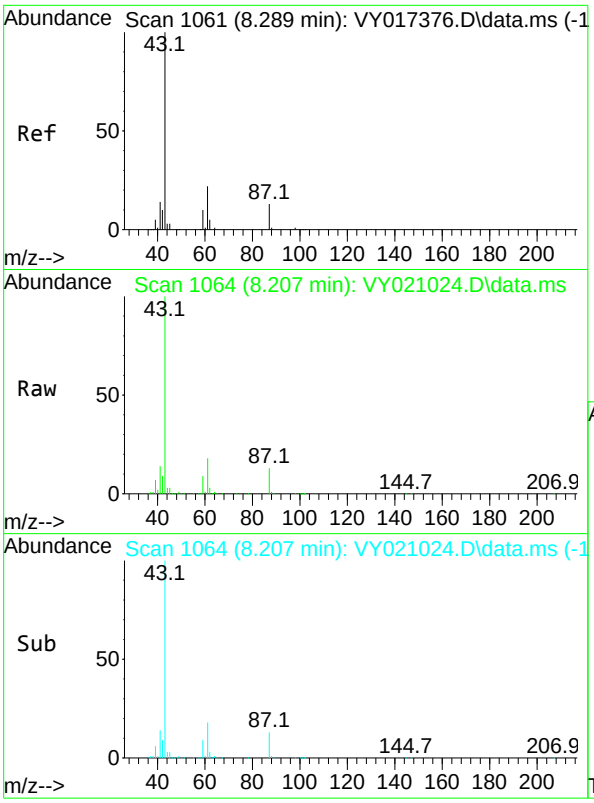


#42
1,2-Dichloroethane
Concen: 110.147 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 62 Resp: 203840

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.4



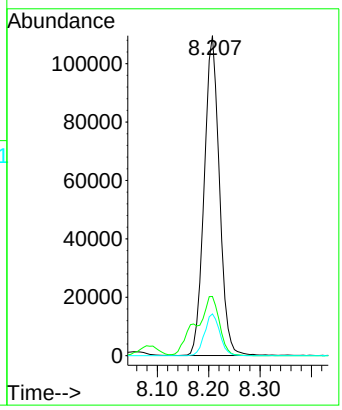


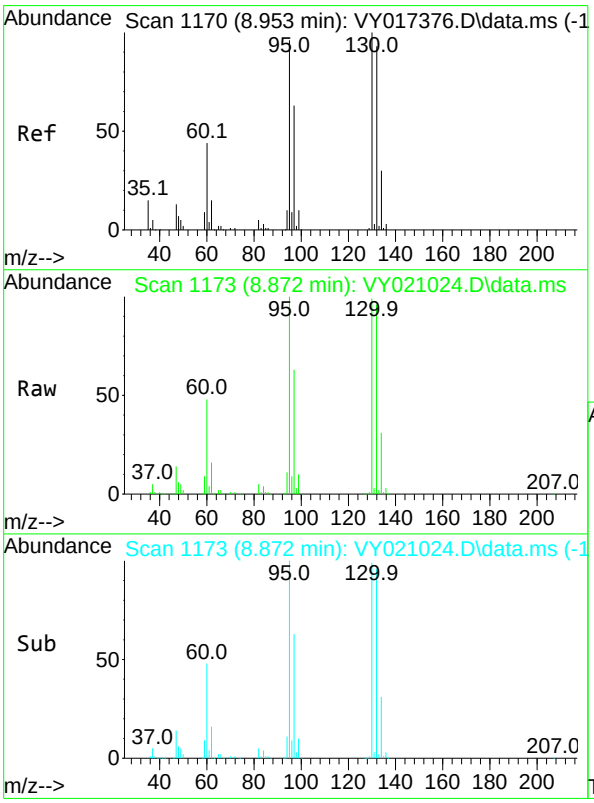
#43
Isopropyl Acetate
Concen: 121.752 ug/l
RT: 8.207 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 224883

Ion	Ratio	Lower	Upper
43	100		
61	28.6	15.8	23.6#
87	13.1	12.5	18.7

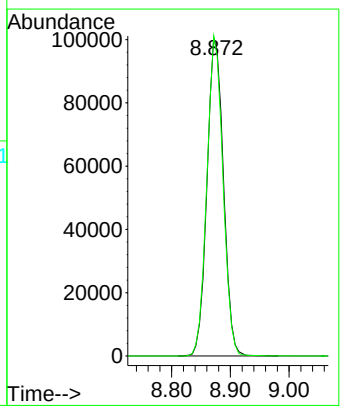


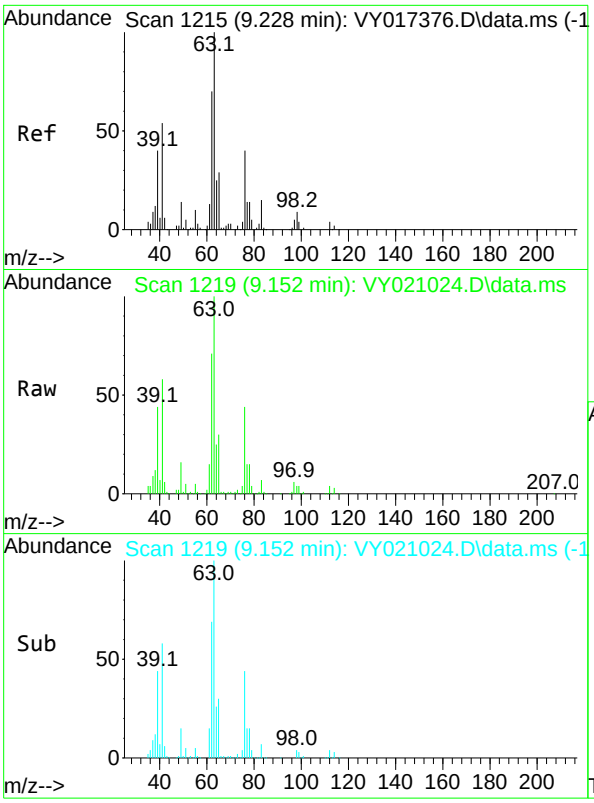


#44
Trichloroethene
Concen: 97.046 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:130 Resp: 195403

Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	189.6



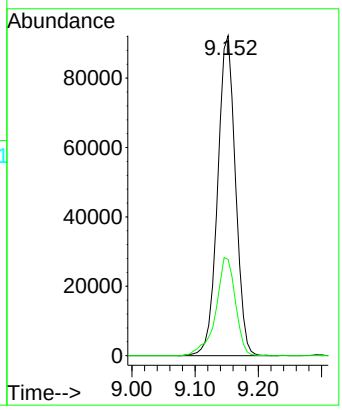


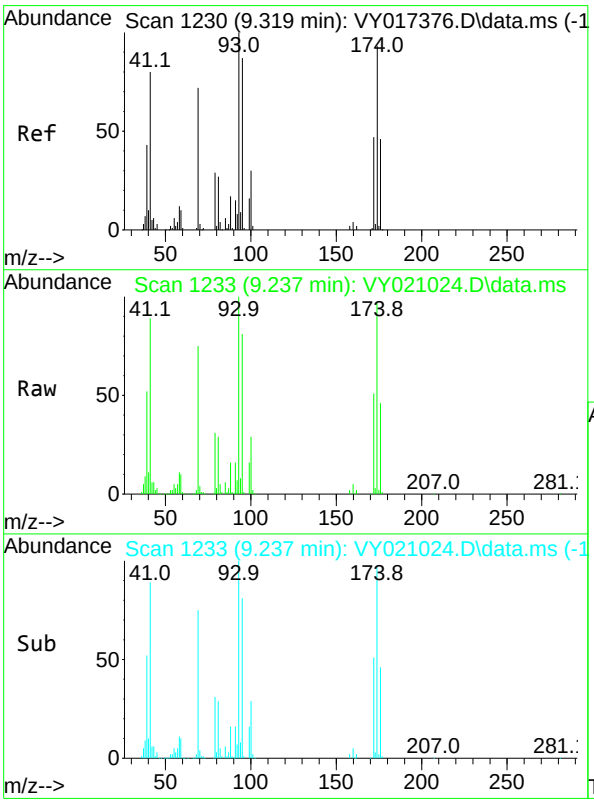
#45
1,2-Dichloropropane
Concen: 110.034 ug/l
RT: 9.152 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 179965

Ion	Ratio	Lower	Upper
63	100		
65	30.1	23.6	35.4

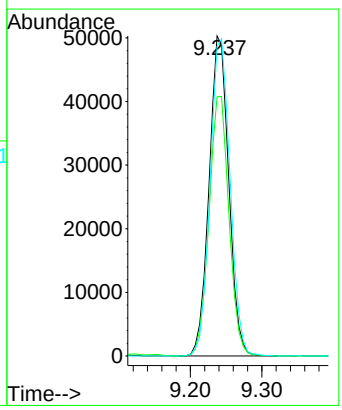


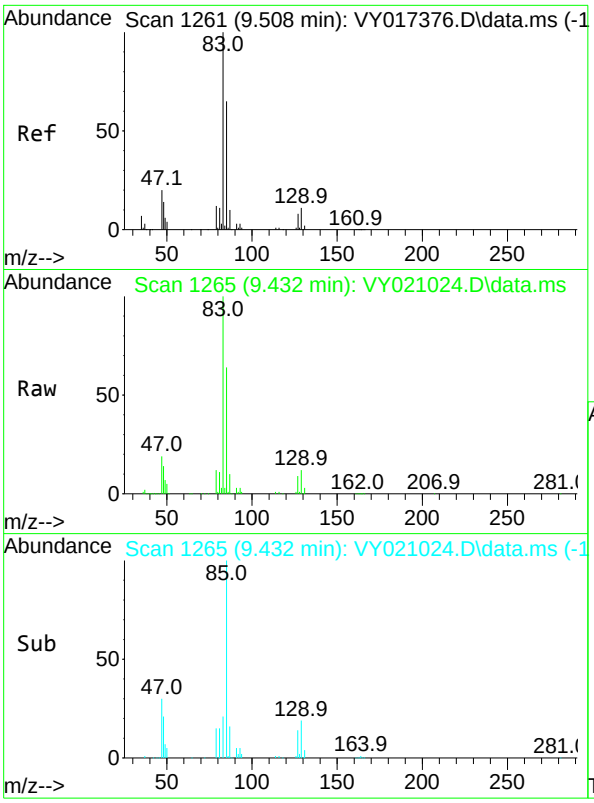


#46
Dibromomethane
Concen: 100.827 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 93 Resp: 95968

Ion	Ratio	Lower	Upper
93	100		
95	82.3	65.8	98.8
174	100.7	88.1	132.1



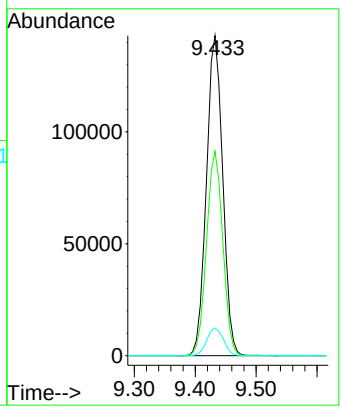


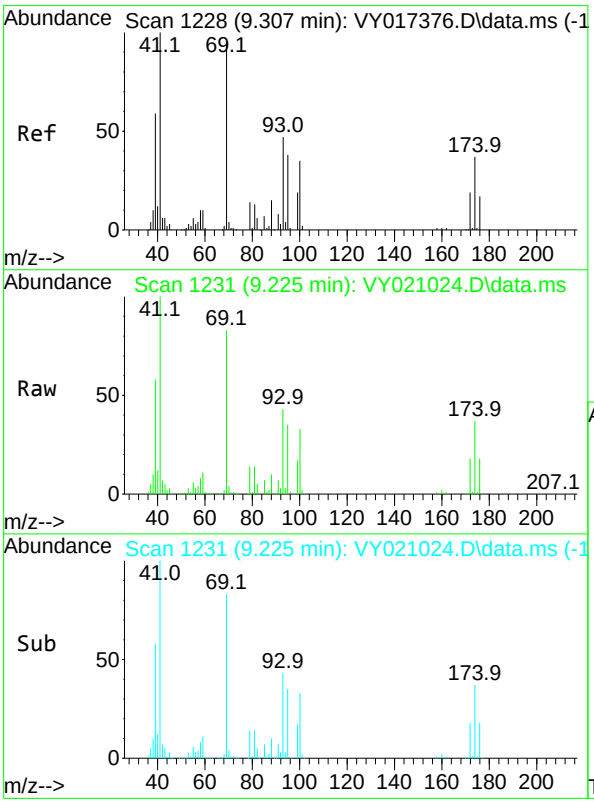
#47
Bromodichloromethane
Concen: 106.226 ug/l
RT: 9.432 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 265518

Ion	Ratio	Lower	Upper
83	100		
85	63.9	49.6	74.4
127	8.7	7.1	10.7

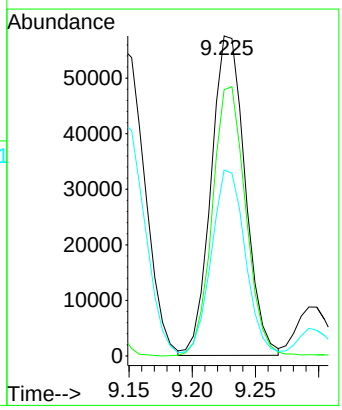


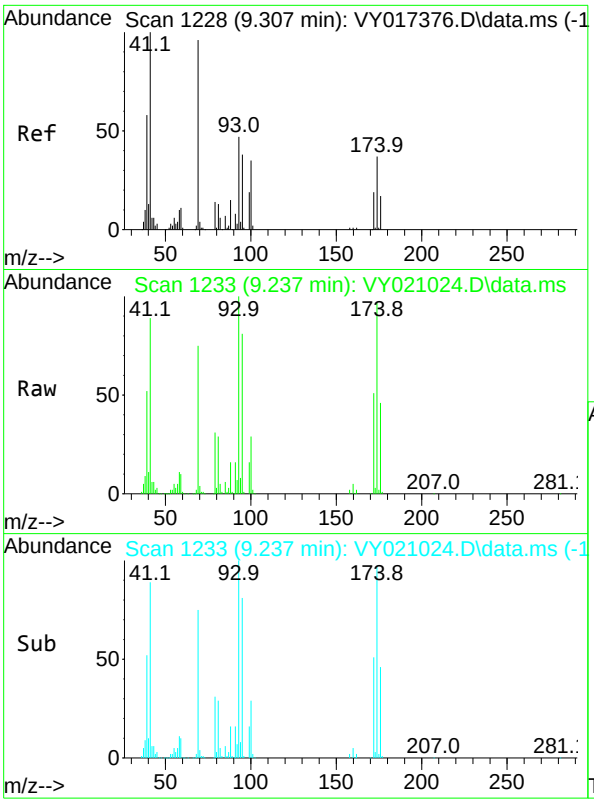


#48
Methyl methacrylate
Concen: 122.427 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 41 Resp: 107661

Ion	Ratio	Lower	Upper
41	100		
69	82.8	75.6	113.4
39	56.2	41.3	61.9



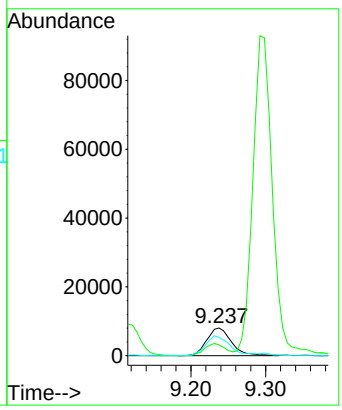


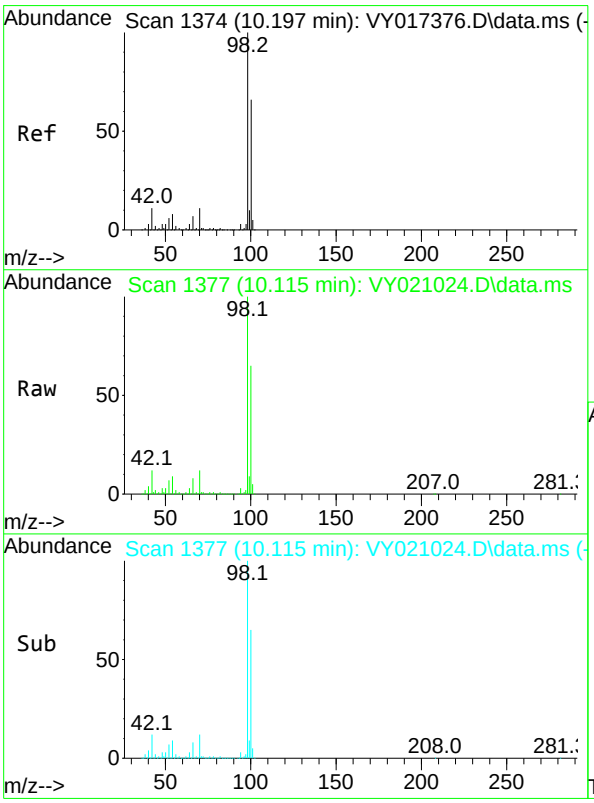
#49
1,4-Dioxane
Concen: 1817.108 ug/l
RT: 9.237 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 88 Resp: 18378

Ion	Ratio	Lower	Upper
88	100		
43	37.9	24.2	36.4#
58	71.1	57.3	85.9

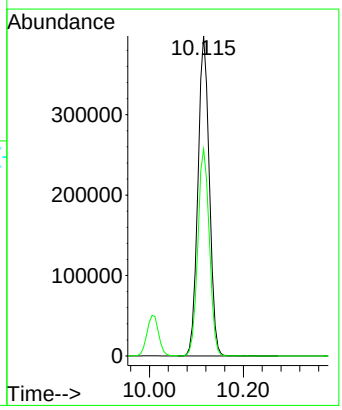


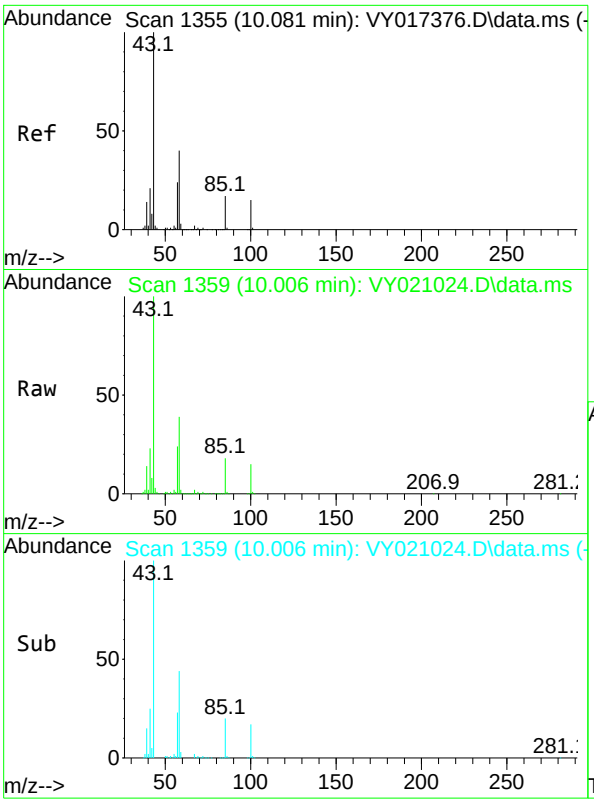


#50
Toluene-d8
Concen: 98.702 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 98 Resp: 669691

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.6	79.0



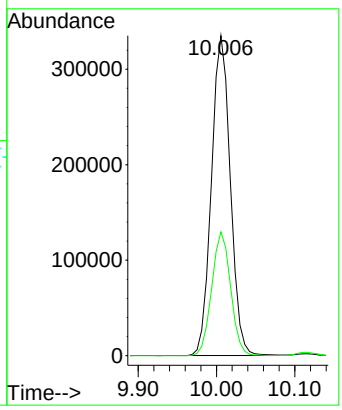


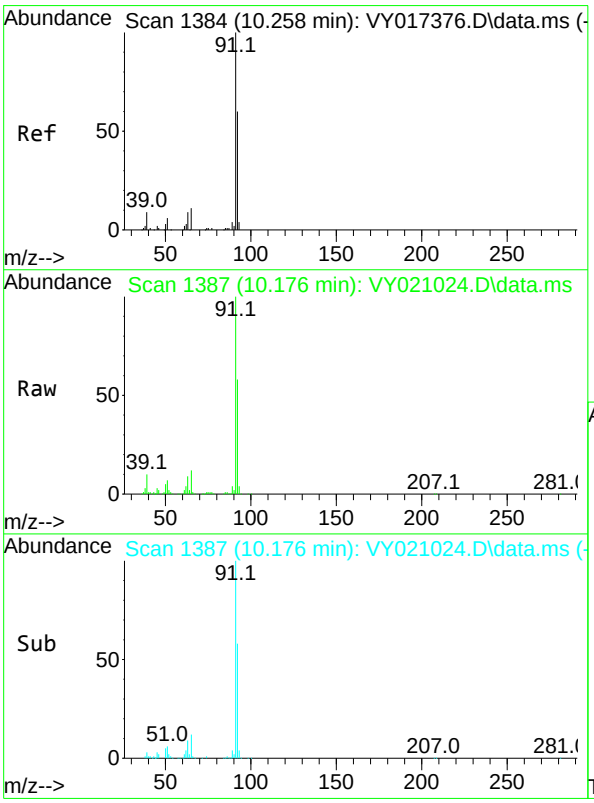
#51
4-Methyl-2-Pentanone
Concen: 592.226 ug/l
RT: 10.006 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 562082

Ion	Ratio	Lower	Upper
43	100		
58	38.7	33.8	50.8

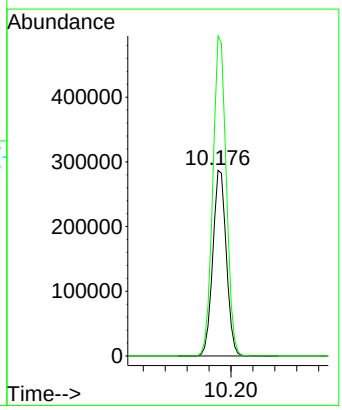


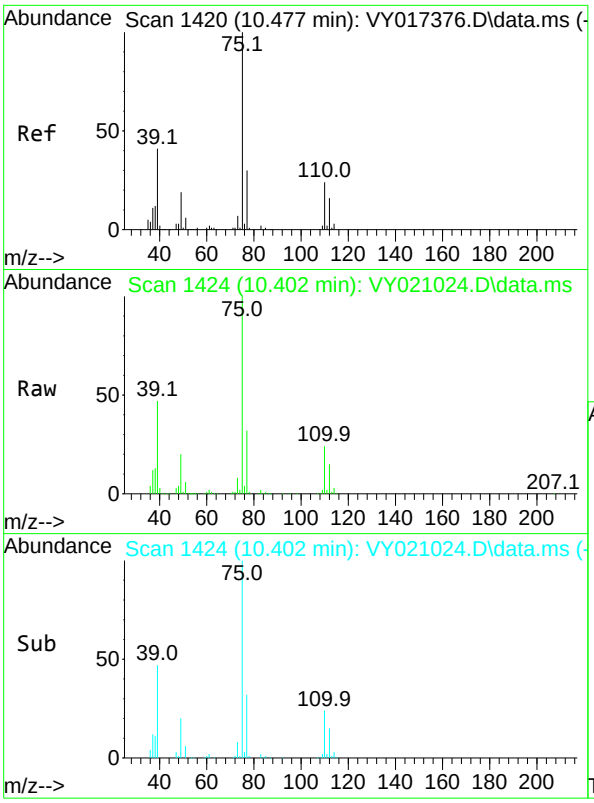


#52
Toluene
Concen: 103.090 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 92 Resp: 488296

Ion	Ratio	Lower	Upper
92	100		
91	171.7	135.8	203.8



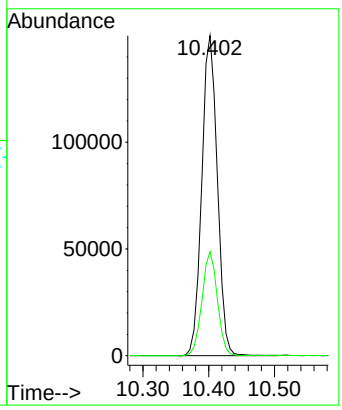


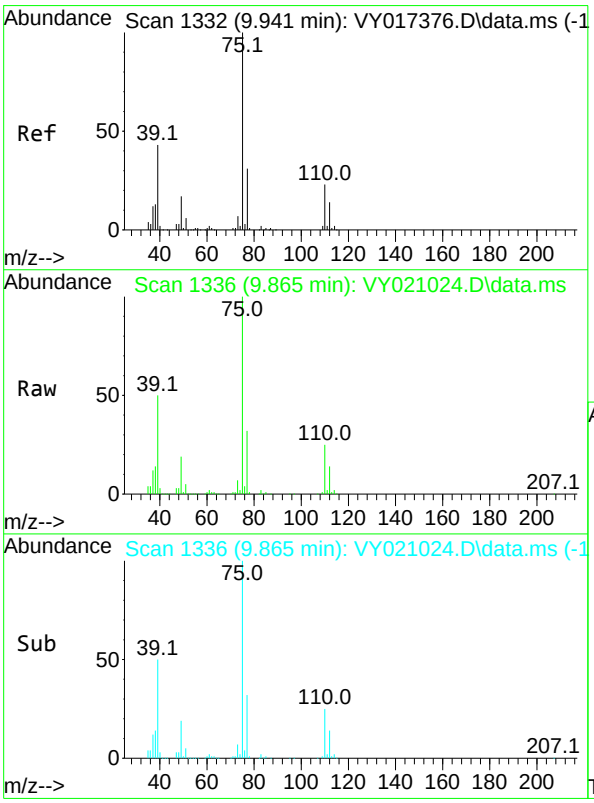
#53
t-1,3-Dichloropropene
Concen: 109.097 ug/l
RT: 10.402 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 246769

Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.9	38.9

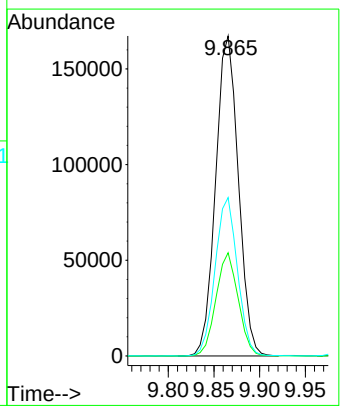


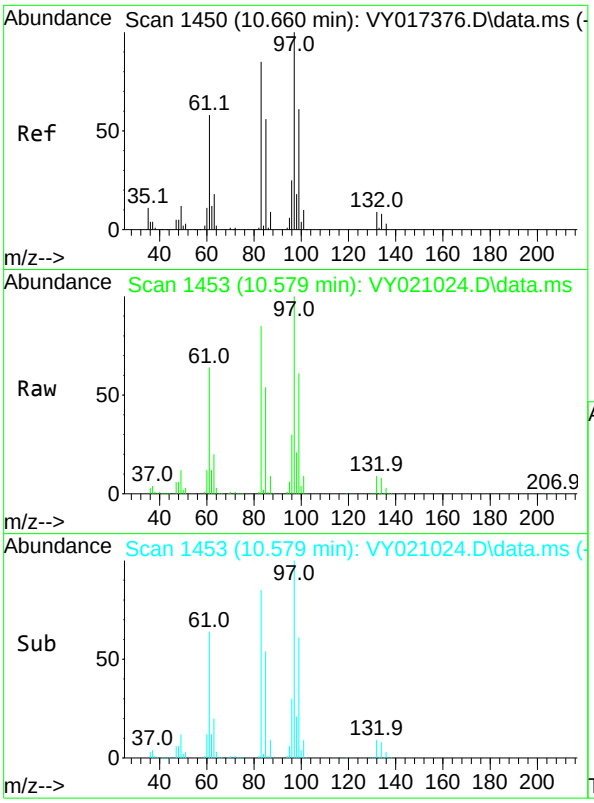


#54
cis-1,3-Dichloropropene
Concen: 107.141 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 75 Resp: 289643

Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.4	38.0
39	49.5	32.2	48.2#



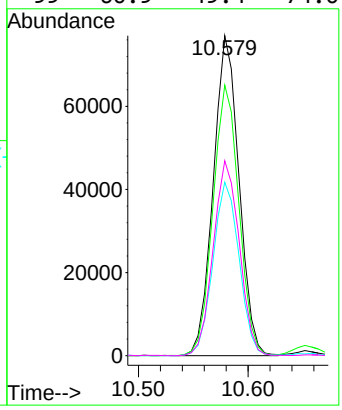


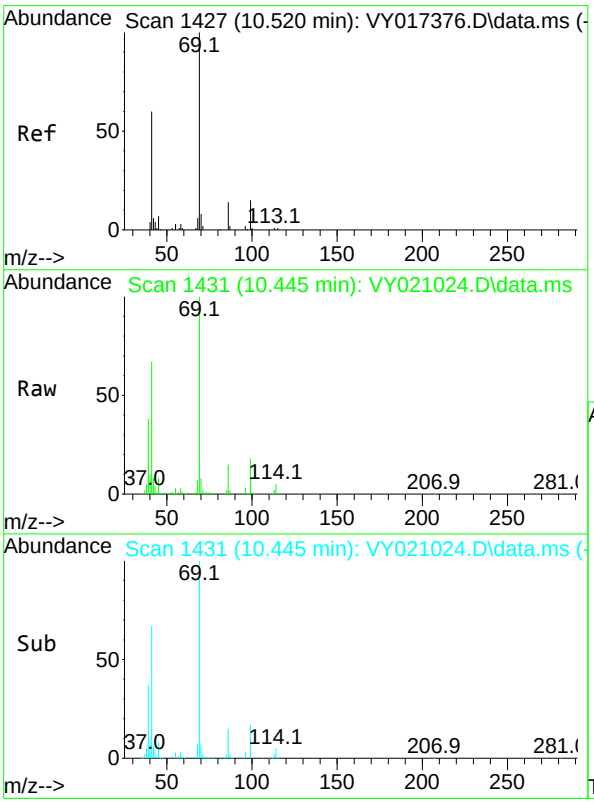
#55
1,1,2-Trichloroethane
Concen: 99.248 ug/l
RT: 10.579 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 97 Resp: 125626

Ion	Ratio	Lower	Upper
97	100		
83	84.5	67.7	101.5
85	54.2	43.4	65.2
99	60.9	49.4	74.0

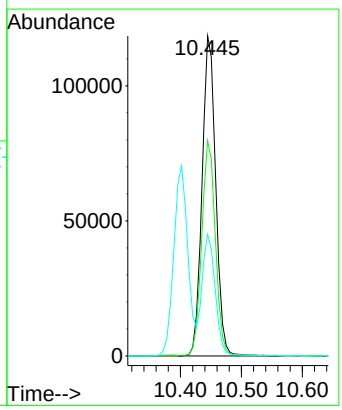


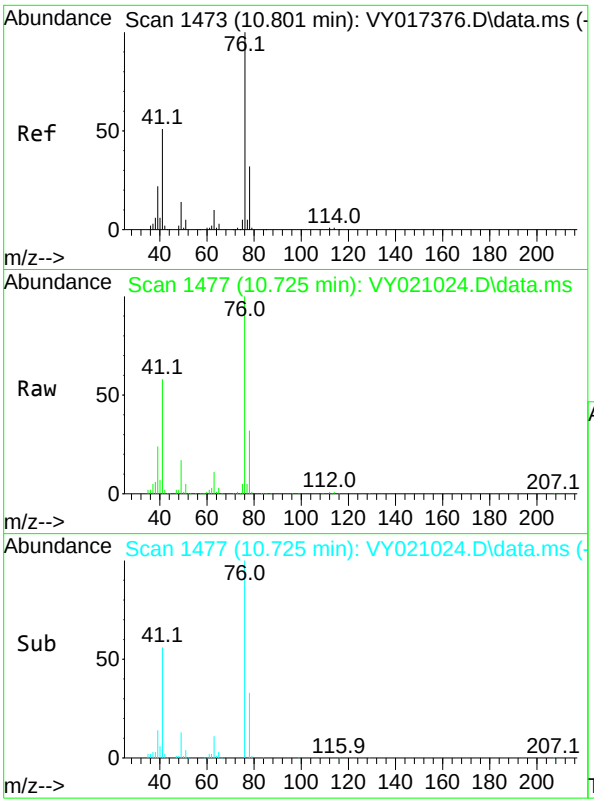


#56
Ethyl methacrylate
Concen: 111.337 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 69 Resp: 184212

Ion	Ratio	Lower	Upper
69	100		
41	66.9	46.3	69.5
39	36.5	24.5	36.7



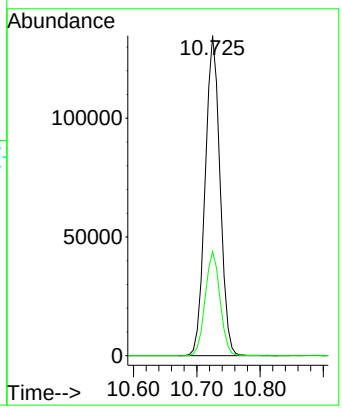


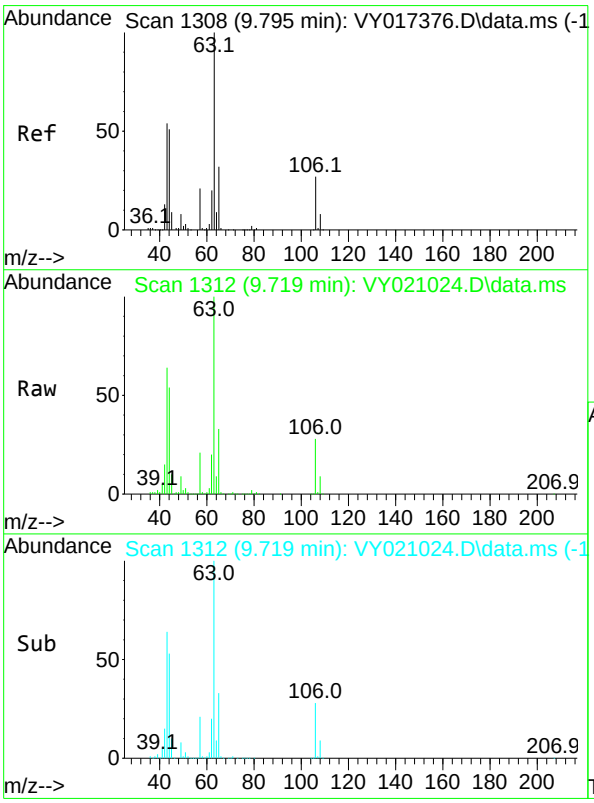
#57
1,3-Dichloropropane
Concen: 102.639 ug/l
RT: 10.725 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 220204

Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.8	38.6

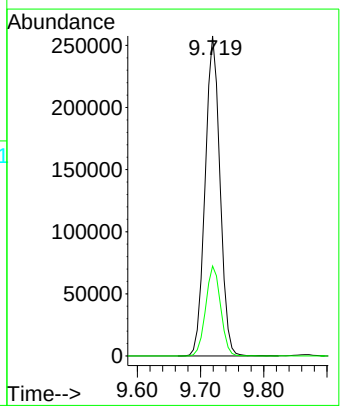


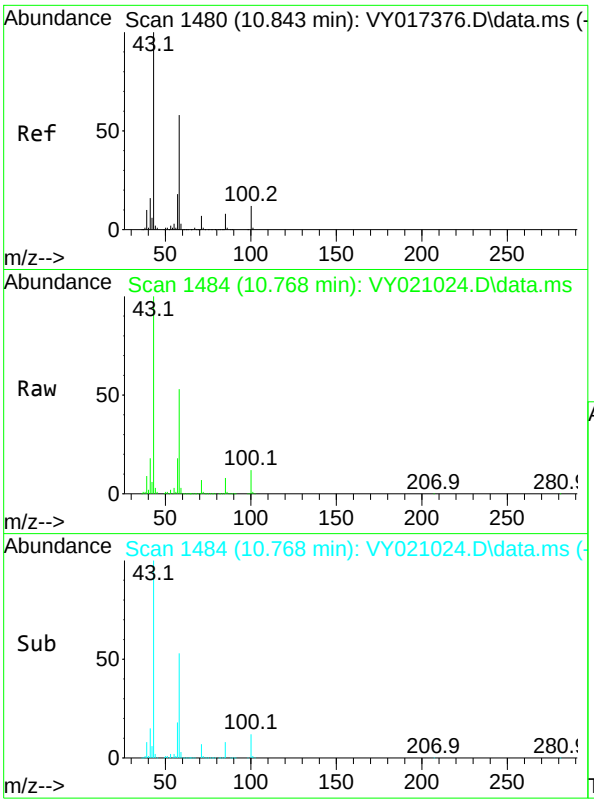


#58
2-Chloroethyl Vinyl ether
Concen: 599.795 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 63 Resp: 421206

Ion	Ratio	Lower	Upper
63	100		
106	28.2	24.7	37.1



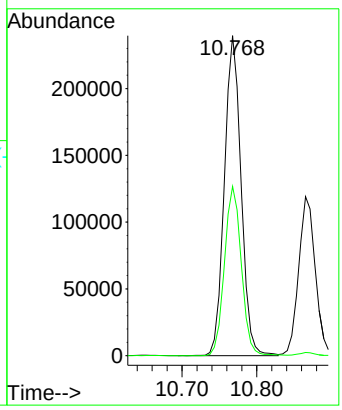


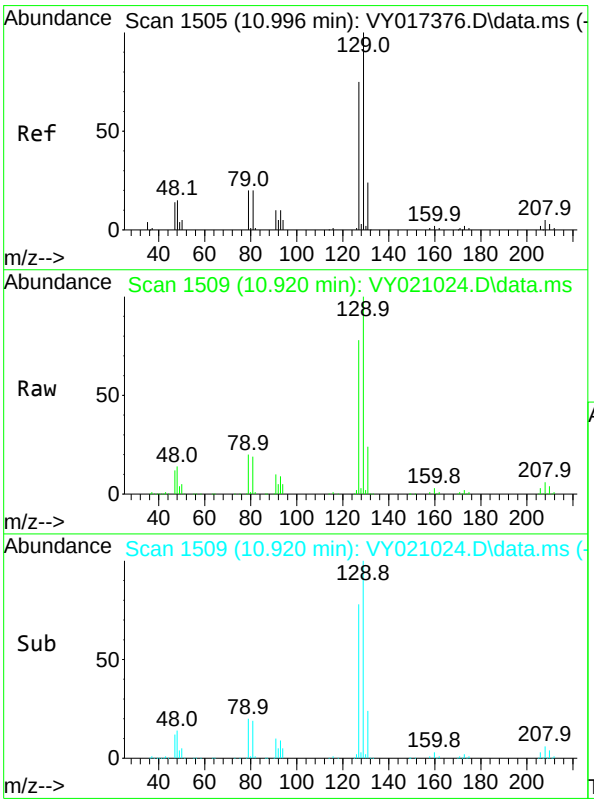
#59
2-Hexanone
Concen: 605.028 ug/l
RT: 10.768 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 373249

Ion	Ratio	Lower	Upper
43	100		
58	53.4	29.8	89.3

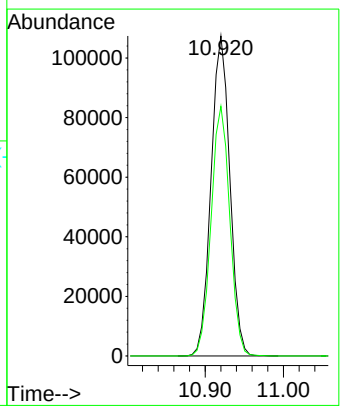


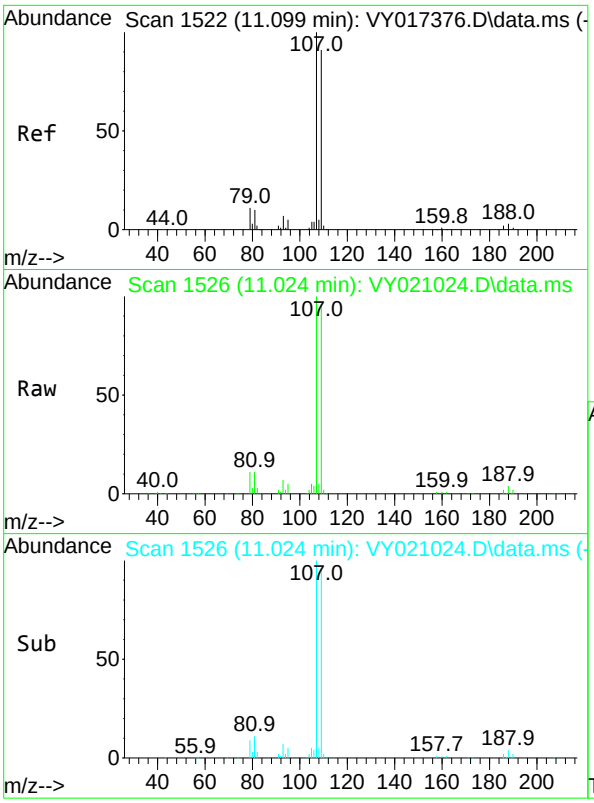


#60
Dibromochloromethane
Concen: 99.202 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:129 Resp: 179036

Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.5	115.3



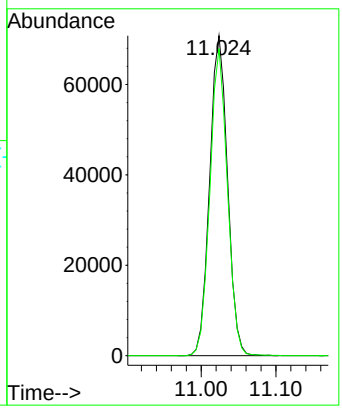


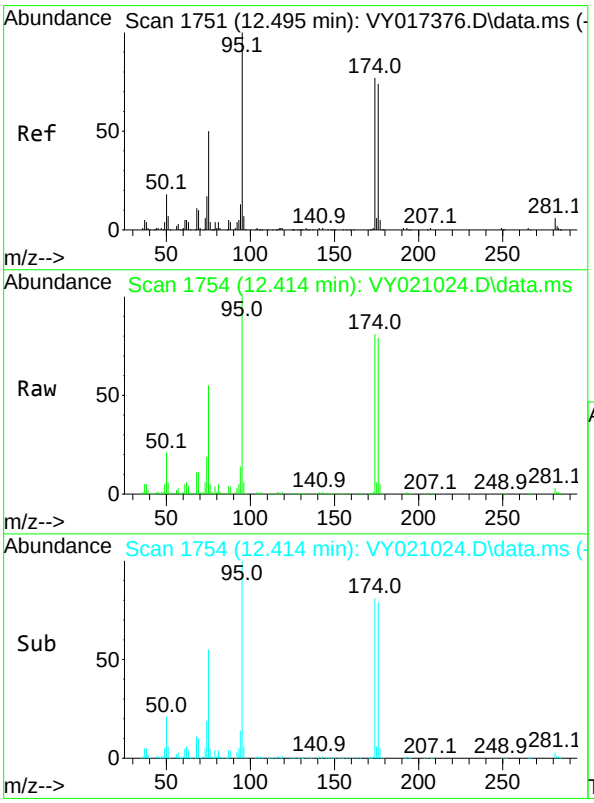
#61
1,2-Dibromoethane
Concen: 97.250 ug/l
RT: 11.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:107 Resp: 117576

Ion	Ratio	Lower	Upper
107	100		
109	93.9	76.6	114.8

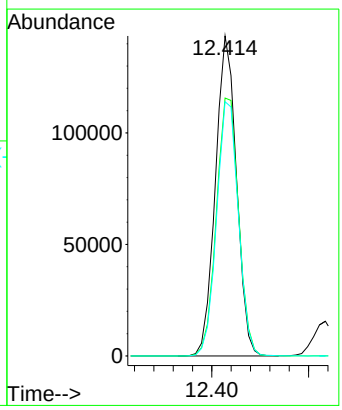


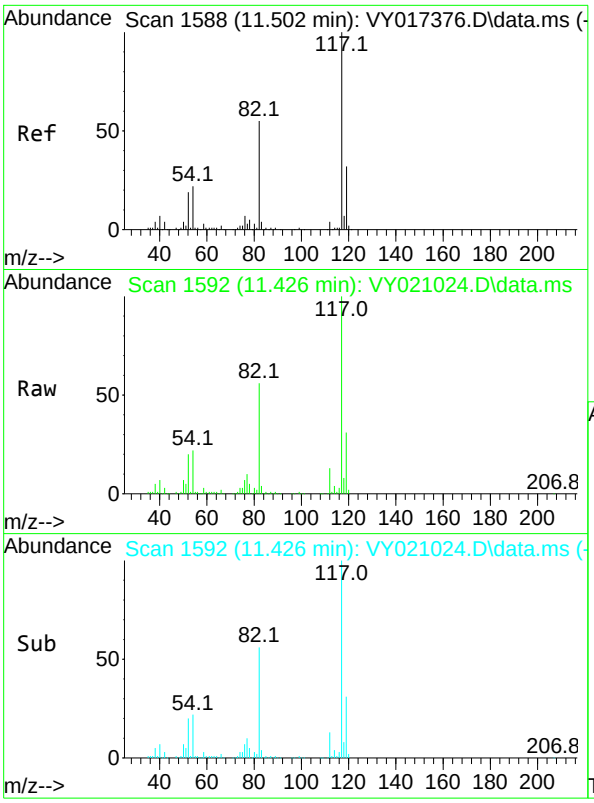


#62
4-Bromofluorobenzene
Concen: 95.157 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 95 Resp: 216644

Ion	Ratio	Lower	Upper
95	100		
174	84.9	0.0	181.2
176	82.0	0.0	175.2



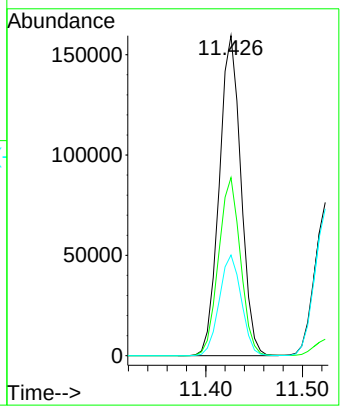


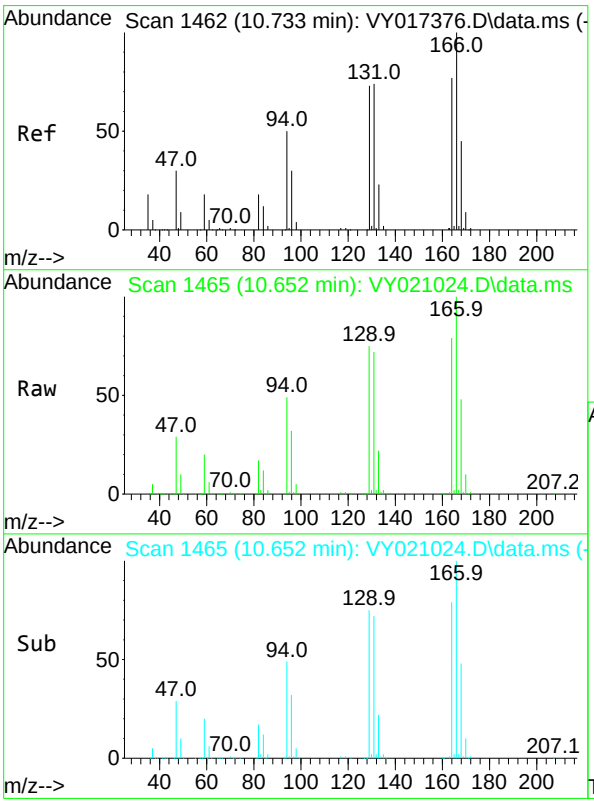
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:117 Resp: 248171

Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.2	66.2
119	31.5	25.9	38.9

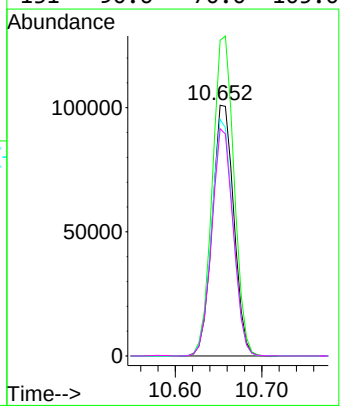


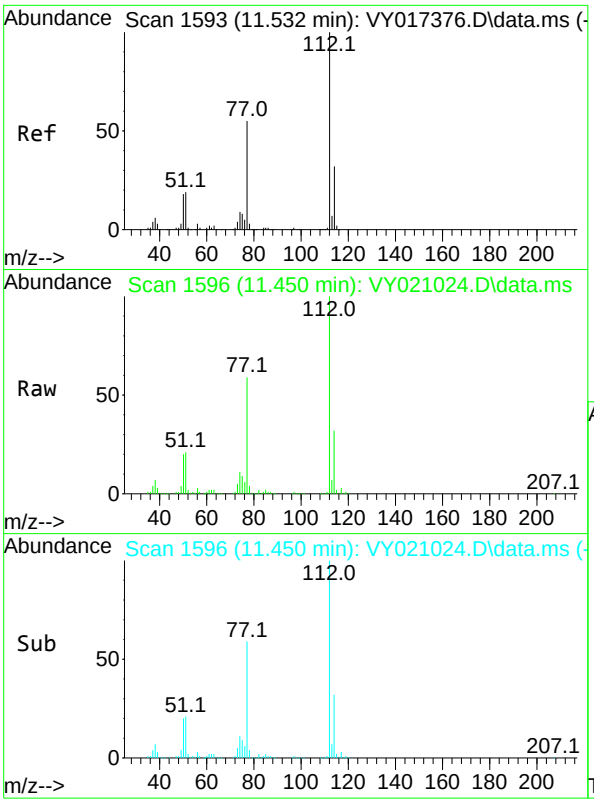


#64
Tetrachloroethene
Concen: 93.066 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:164 Resp: 174223

Ion	Ratio	Lower	Upper
164	100		
166	125.9	100.4	150.6
129	94.4	70.8	106.2
131	90.6	70.0	105.0



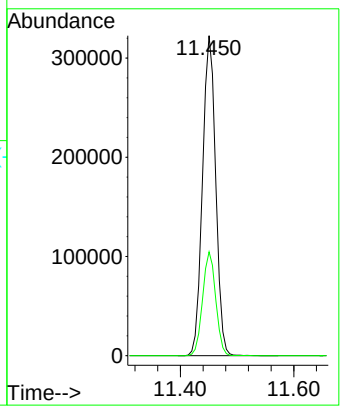


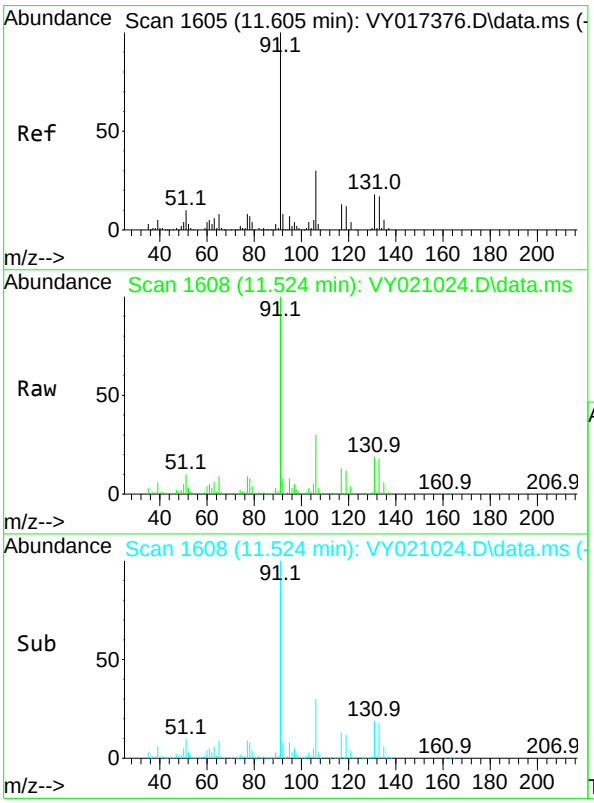
#65
Chlorobenzene
Concen: 99.441 ug/l
RT: 11.450 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 519942

Ion	Ratio	Lower	Upper
112	100		
114	32.5	24.6	37.0

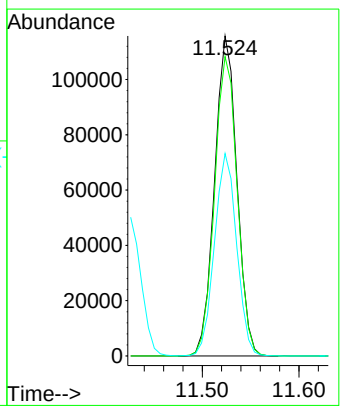


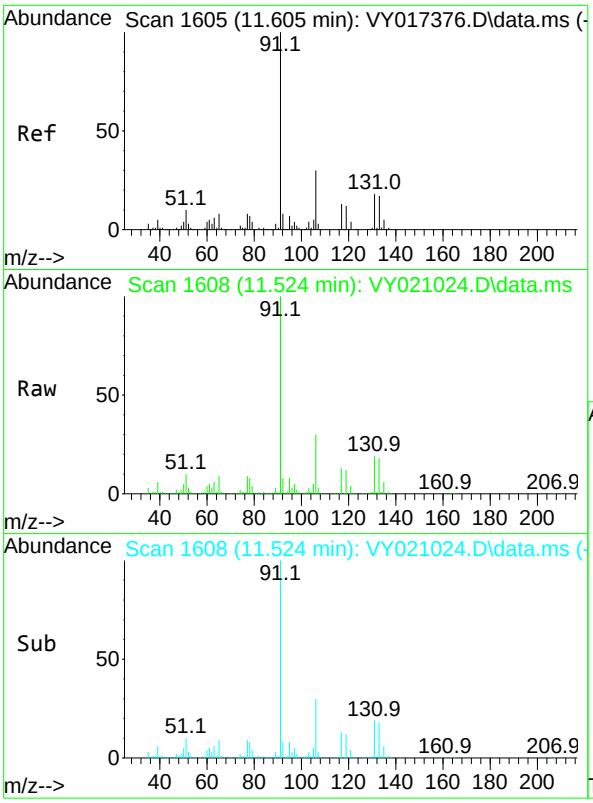


#66
1,1,1,2-Tetrachloroethane
Concen: 99.917 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:131 Resp: 185418

Ion	Ratio	Lower	Upper
131	100		
133	95.2	48.7	146.1
119	63.0	31.4	94.3



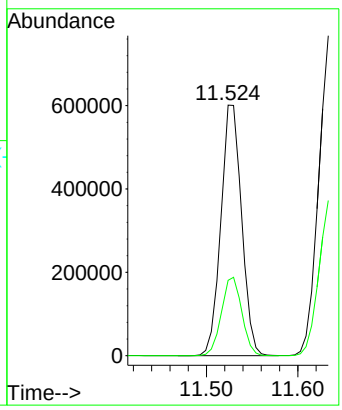


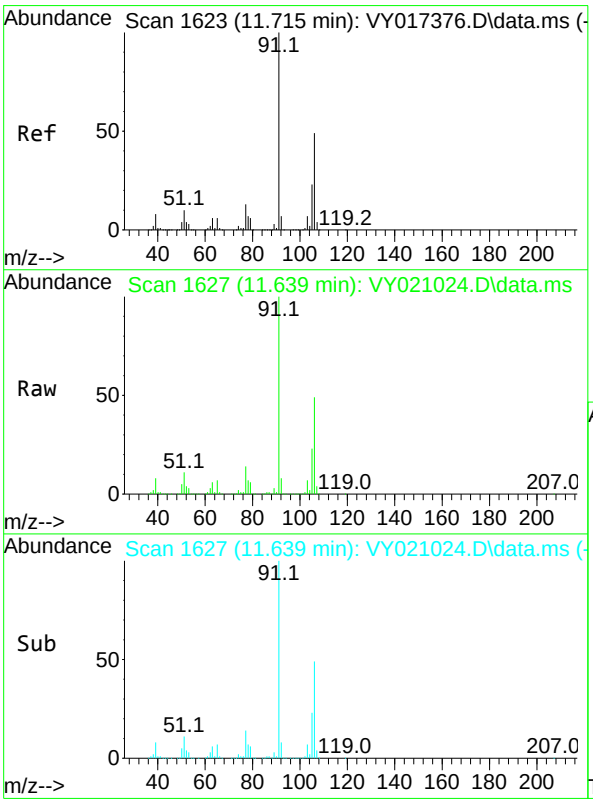
#67
Ethyl Benzene
Concen: 104.939 ug/l
RT: 11.524 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 950017

Ion	Ratio	Lower	Upper
91	100		
106	30.1	24.9	37.3

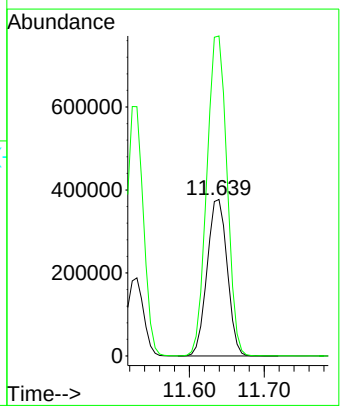


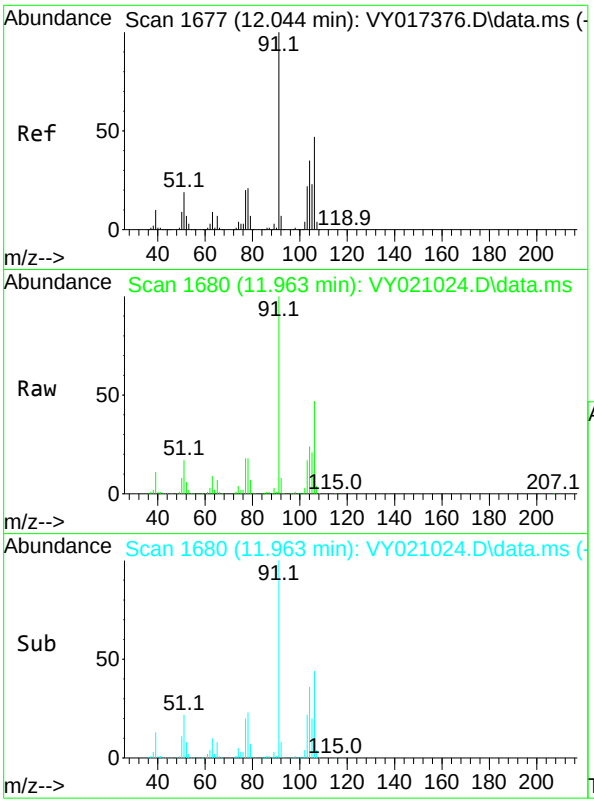


#68
m/p-Xylenes
Concen: 202.801 ug/l
RT: 11.639 min Scan# 1627
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:106 Resp: 705393

Ion	Ratio	Lower	Upper
106	100		
91	205.1	160.0	240.0



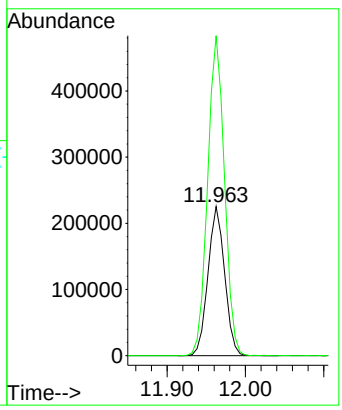


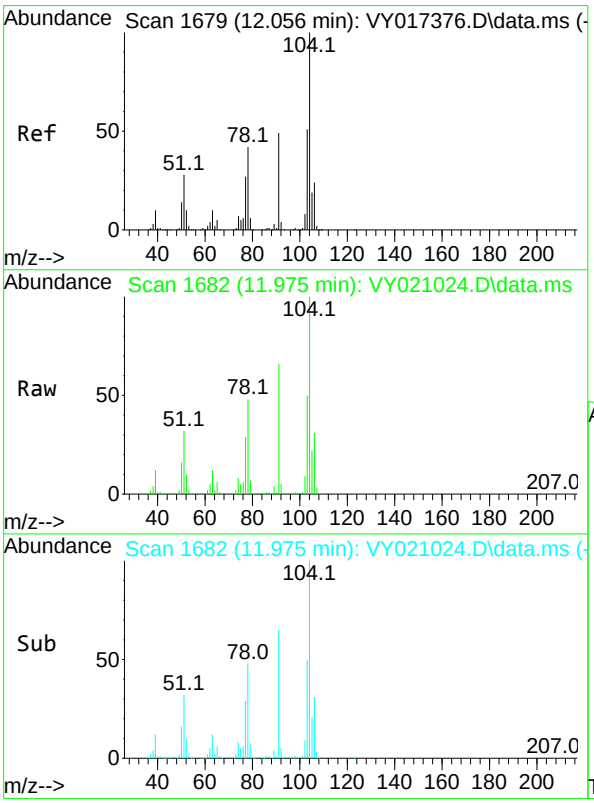
#69
o-Xylene
Concen: 102.783 ug/l
RT: 11.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 332346

Ion	Ratio	Lower	Upper
106	100		
91	216.9	105.8	317.6

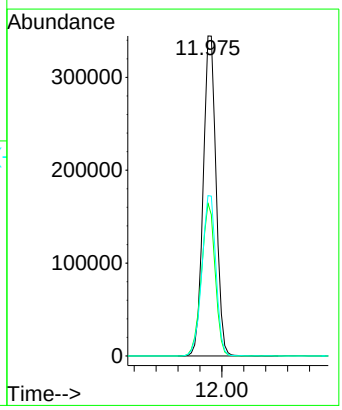


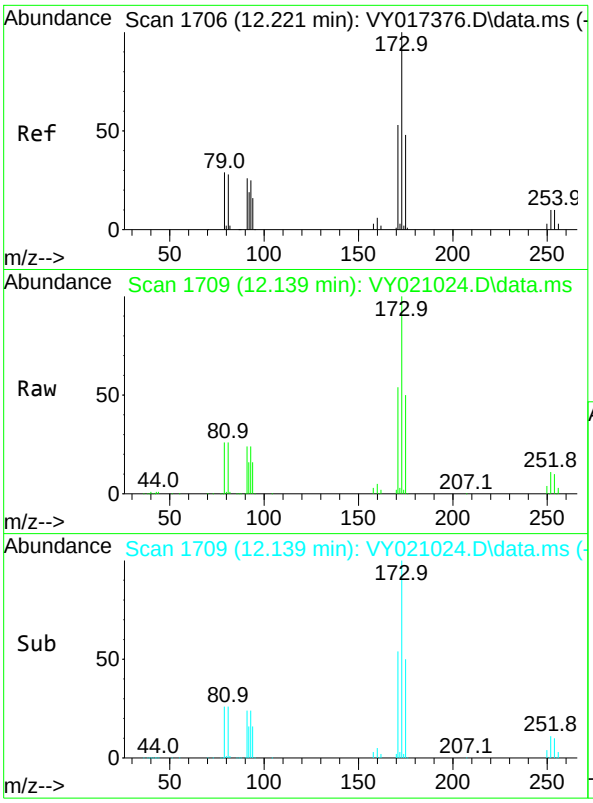


#70
Styrene
Concen: 104.245 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:104 Resp: 559633

Ion	Ratio	Lower	Upper
104	100		
78	50.9	39.0	58.4
103	54.6	43.7	65.5



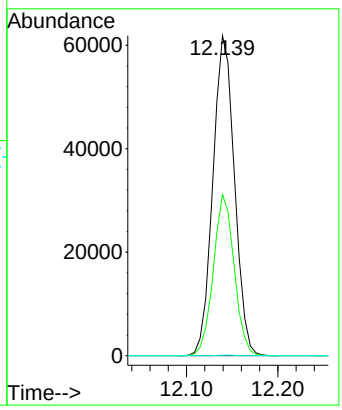


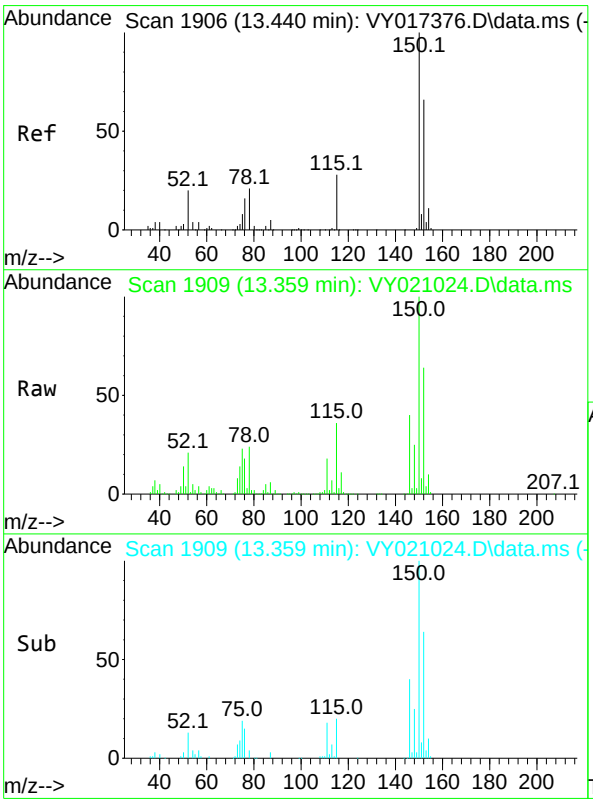
#71
Bromoform
Concen: 92.910 ug/l
RT: 12.139 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:173 Resp: 101615

Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.1	72.2
254	0.1	0.0	0.0#

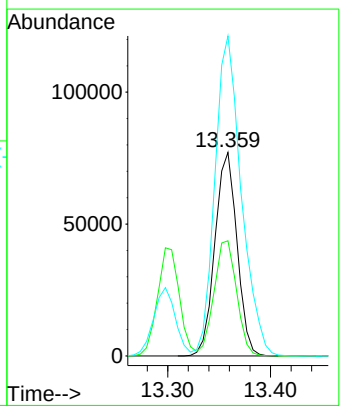


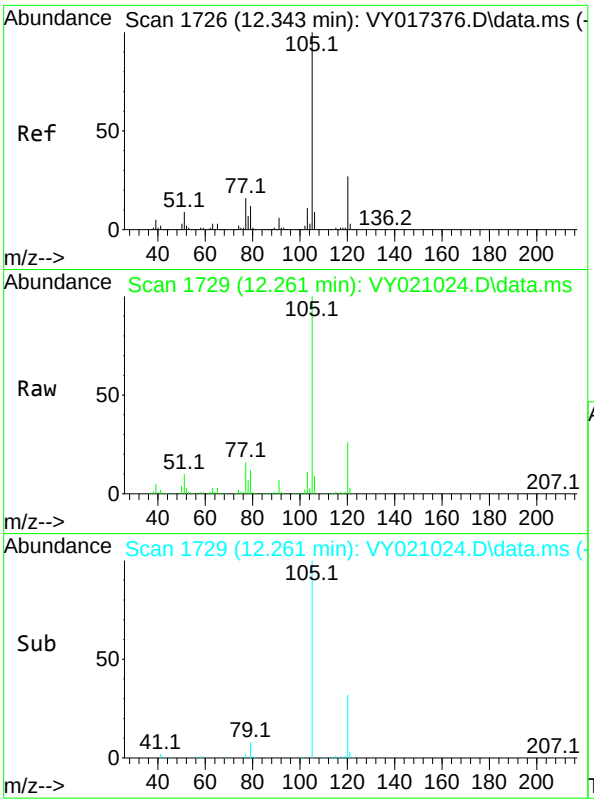


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:152 Resp: 115163

Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.4	85.2
150	188.0	0.0	342.8



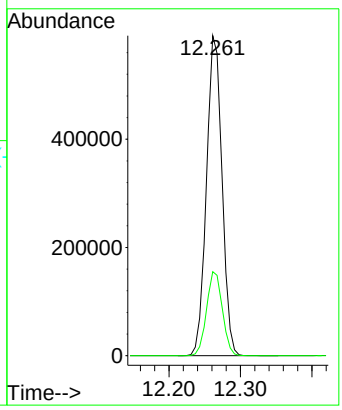


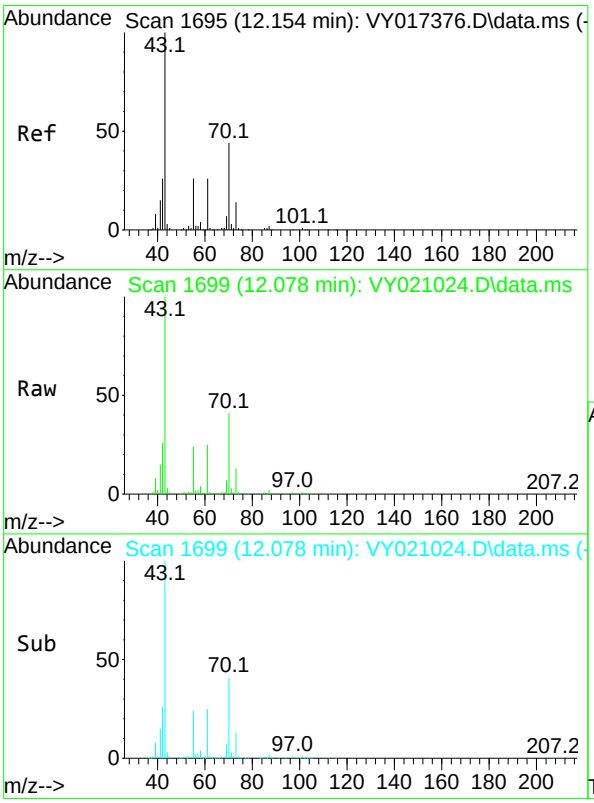
#73
Isopropylbenzene
Concen: 110.247 ug/l
RT: 12.261 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 891697

Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.4	40.2

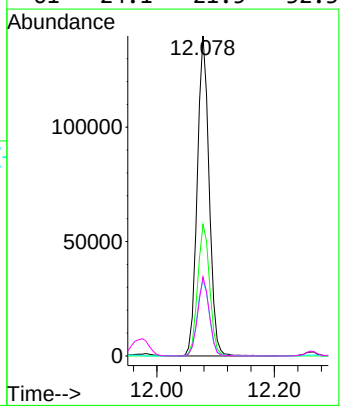


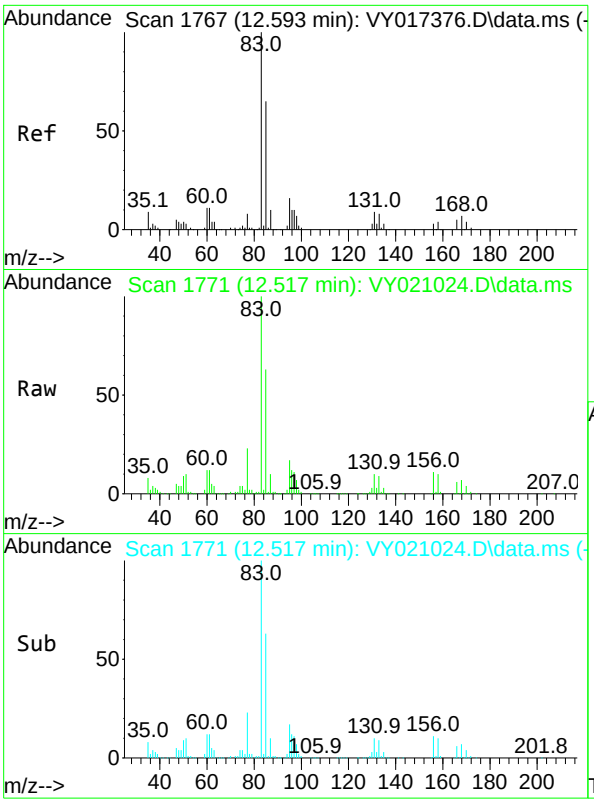


#74
N-amyl acetate
Concen: 133.629 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 43 Resp: 196809

Ion	Ratio	Lower	Upper
43	100		
70	41.4	39.3	58.9
55	24.2	22.3	33.5
61	24.1	21.5	32.3



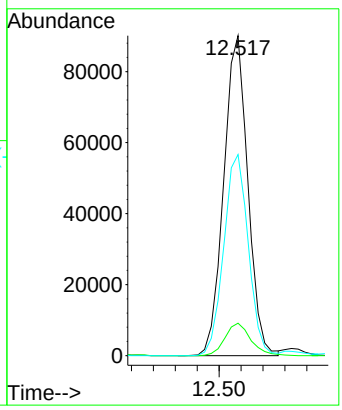


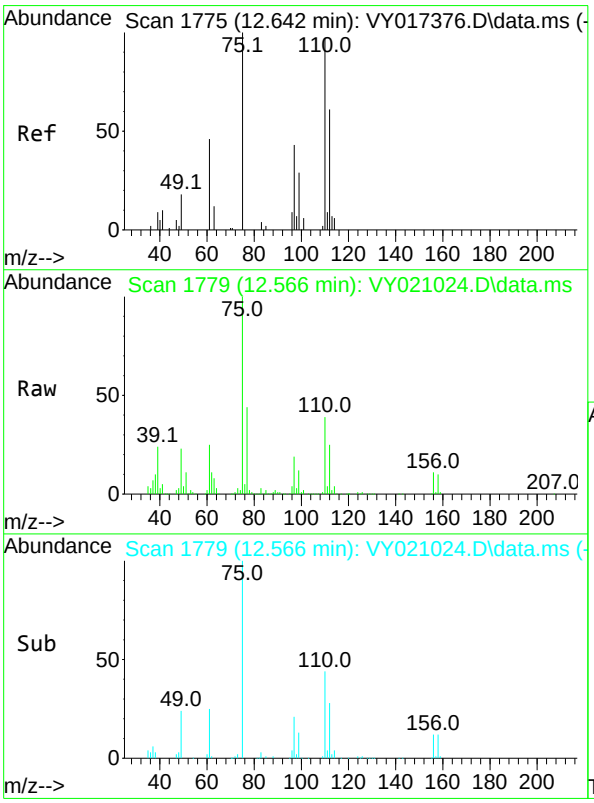
#75
1,1,2,2-Tetrachloroethane
Concen: 105.393 ug/l
RT: 12.517 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 137599

Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.7	17.1
85	64.0	31.9	95.9

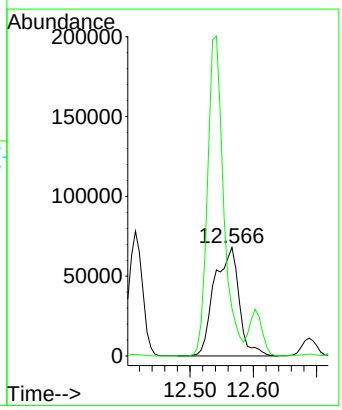


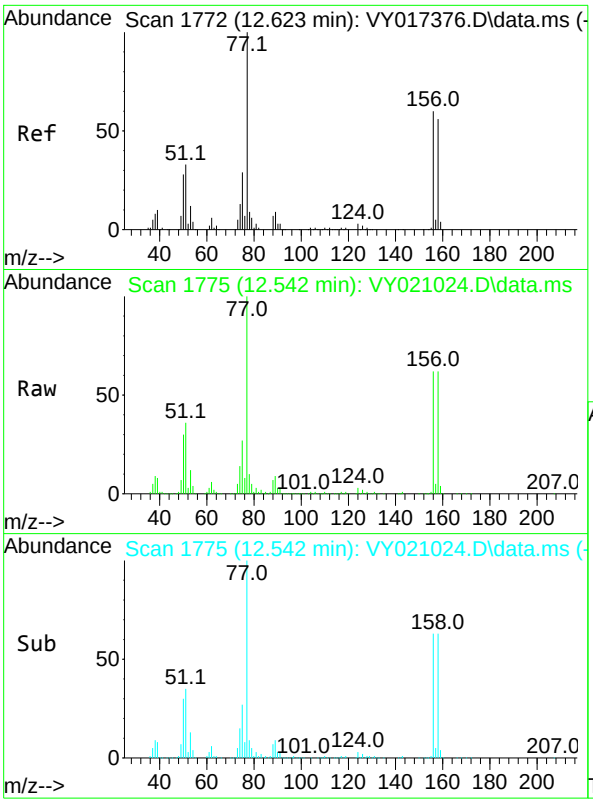


#76
1,2,3-Trichloropropane
Concen: 201.939 ug/l
RT: 12.566 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 75 Resp: 184099

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



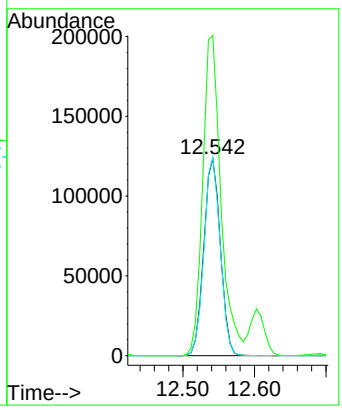


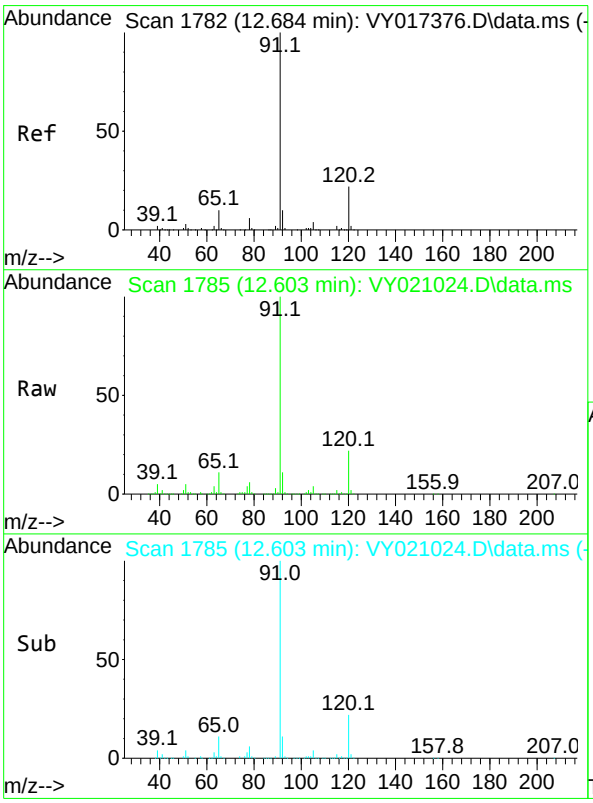
#77
Bromobenzene
Concen: 103.627 ug/l
RT: 12.542 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:156 Resp: 198715

Ion	Ratio	Lower	Upper
156	100		
77	179.5	83.3	249.9
158	98.1	48.3	144.9

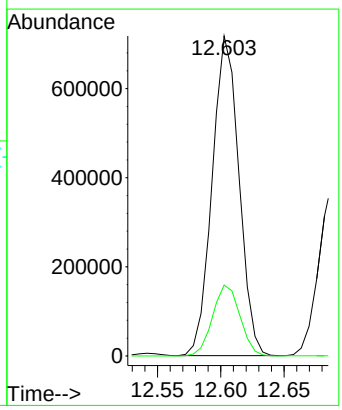


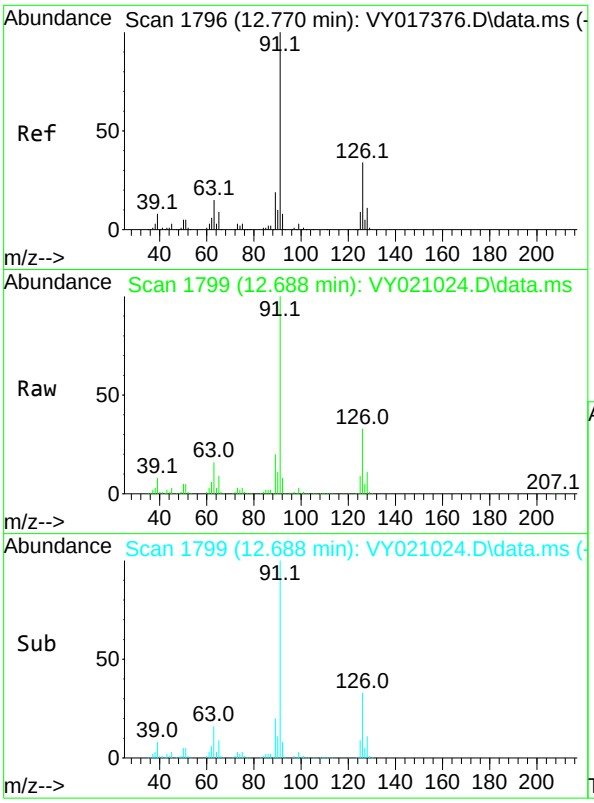


#78
n-propylbenzene
Concen: 111.529 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 91 Resp: 1057216

Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.8	35.4



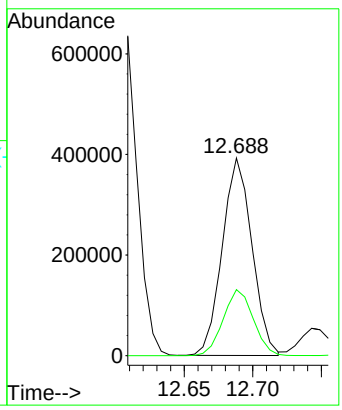


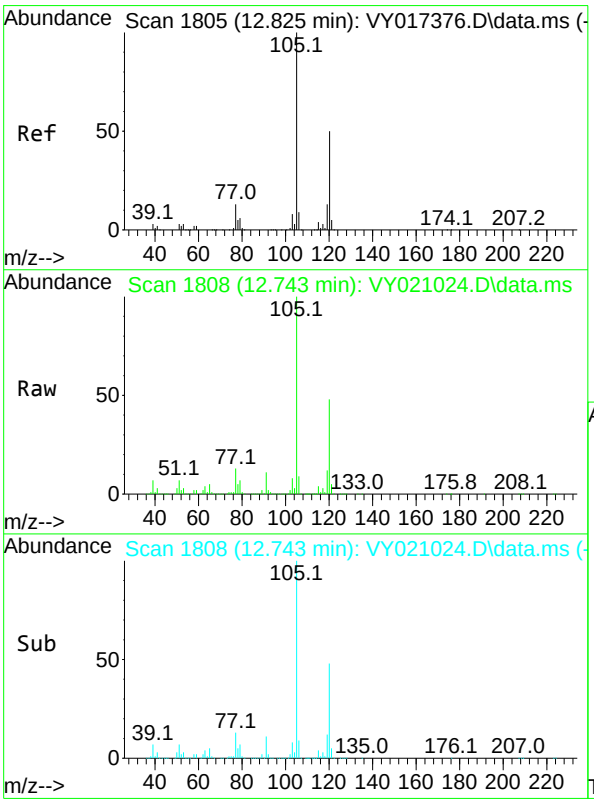
#79
2-Chlorotoluene
Concen: 109.632 ug/l
RT: 12.688 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 592096

Ion	Ratio	Lower	Upper
91	100		
126	33.9	17.3	51.9

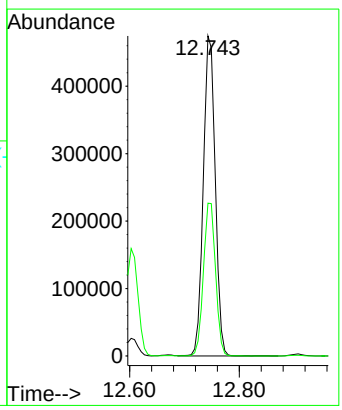


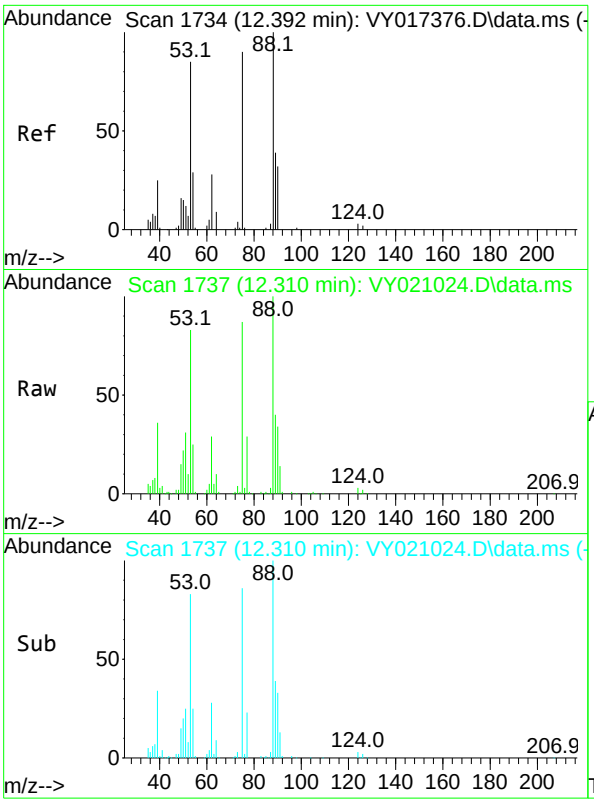


#80
1,3,5-Trimethylbenzene
Concen: 107.741 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:105 Resp: 713935

Ion	Ratio	Lower	Upper
105	100		
120	48.6	24.3	72.9



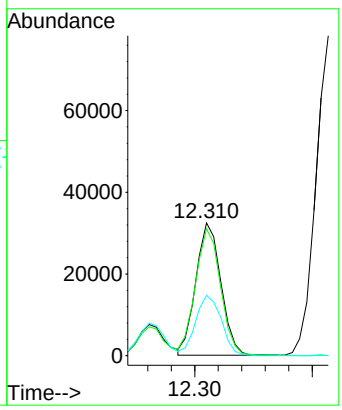


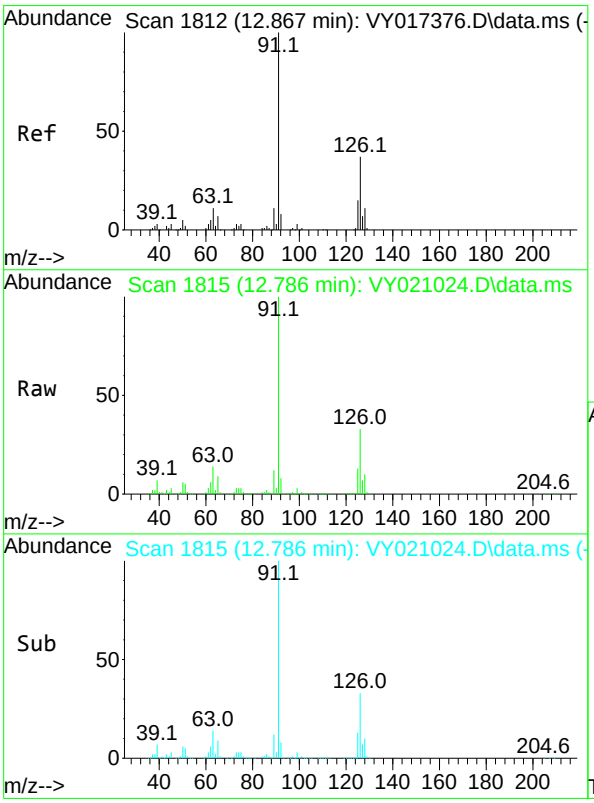
#81
trans-1,4-Dichloro-2-butene
Concen: 108.944 ug/l
RT: 12.310 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 47846

Ion	Ratio	Lower	Upper
75	100		
53	97.1	68.6	103.0
89	47.0	38.1	57.1

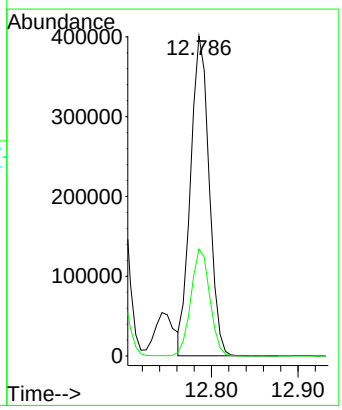


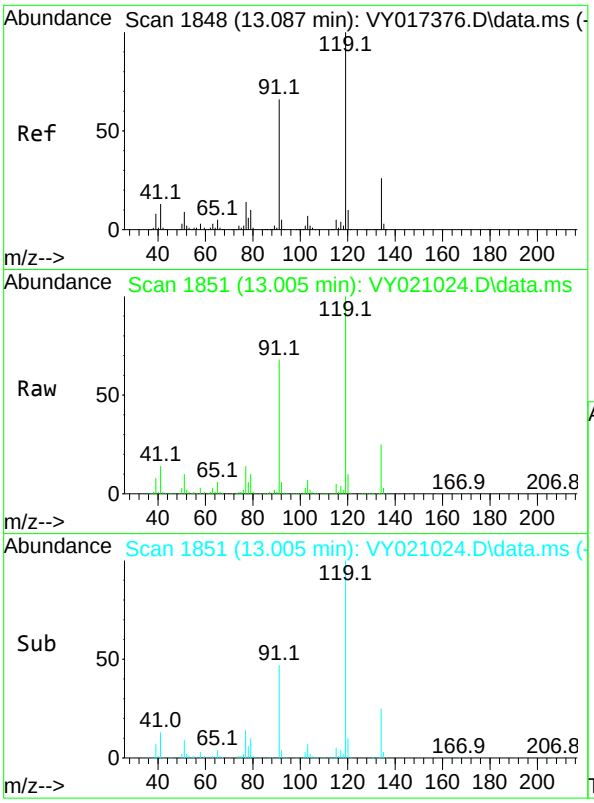


#82
4-Chlorotoluene
Concen: 108.014 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 91 Resp: 597047

Ion	Ratio	Lower	Upper
91	100		
126	34.0	17.3	52.0



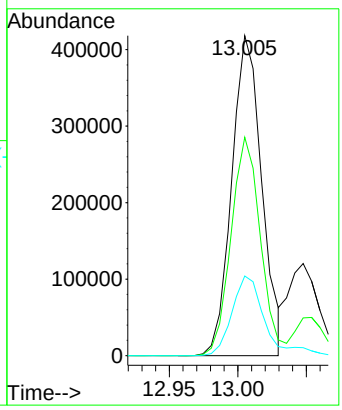


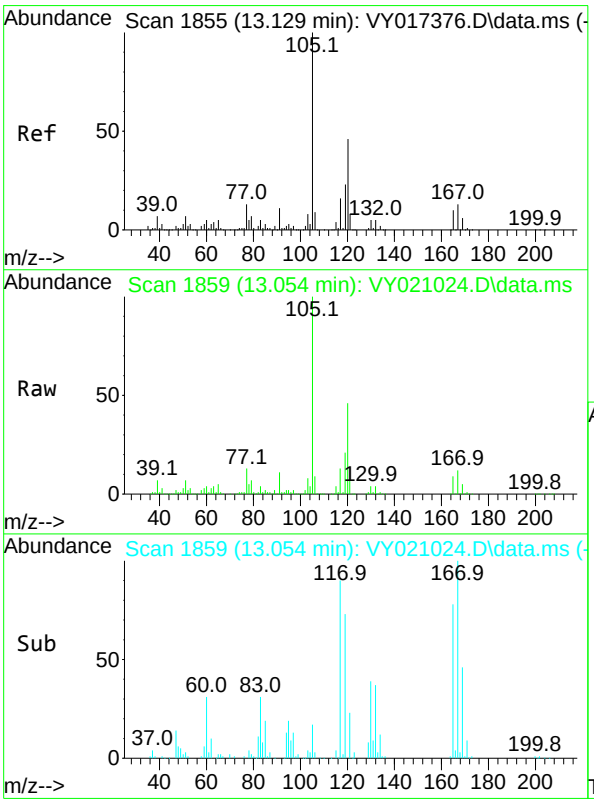
#83
tert-Butylbenzene
Concen: 103.933 ug/l
RT: 13.005 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 638740

Ion	Ratio	Lower	Upper
119	100		
91	66.9	31.4	94.0
134	27.2	13.1	39.1

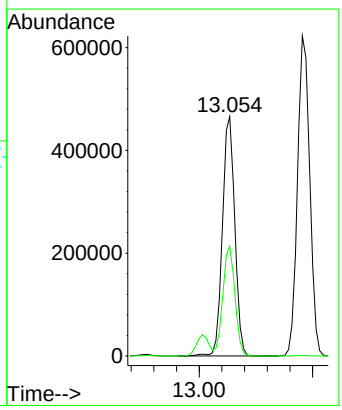


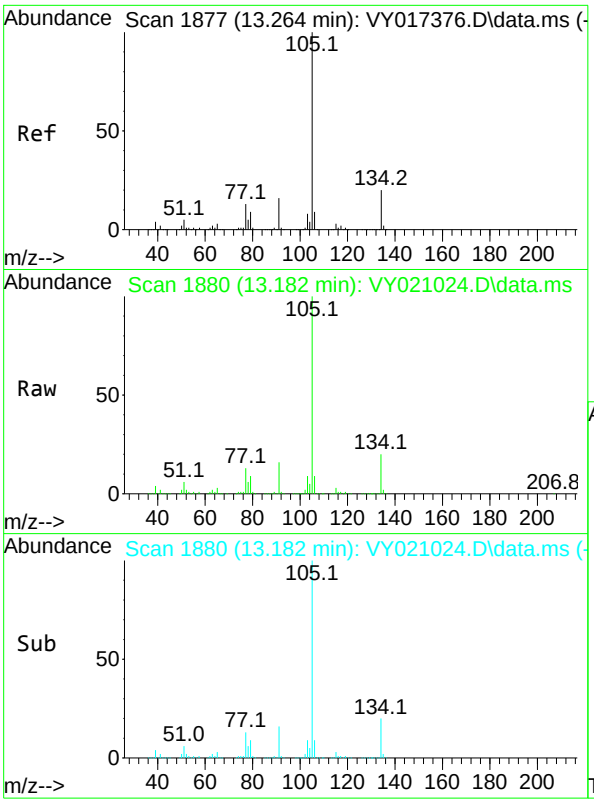


#84
1,2,4-Trimethylbenzene
Concen: 108.409 ug/l
RT: 13.054 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:105 Resp: 701716

Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.7	68.0



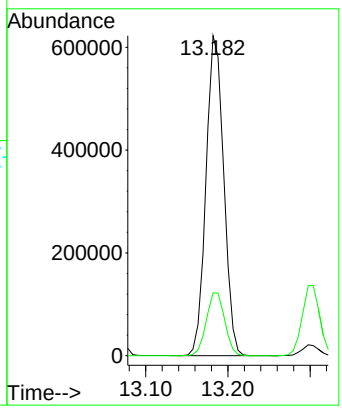


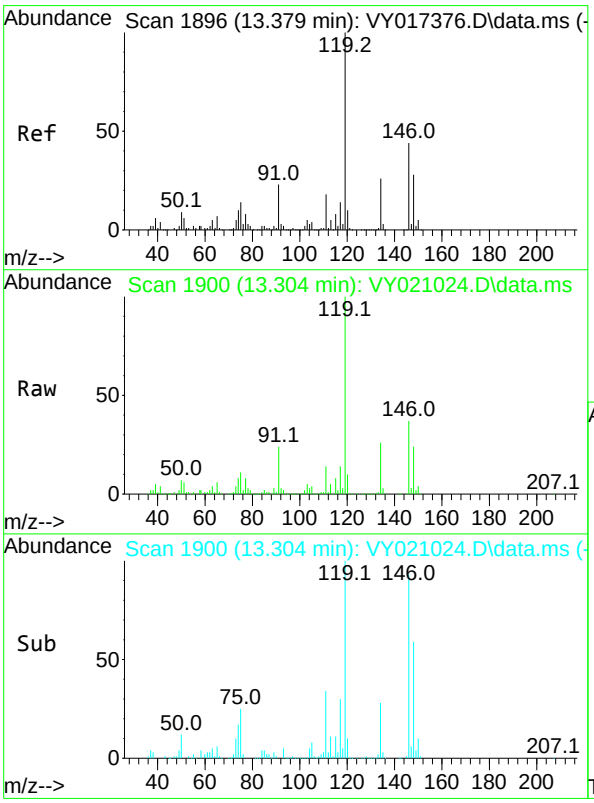
#85
sec-Butylbenzene
Concen: 107.093 ug/l
RT: 13.182 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 931799

Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.3	30.8

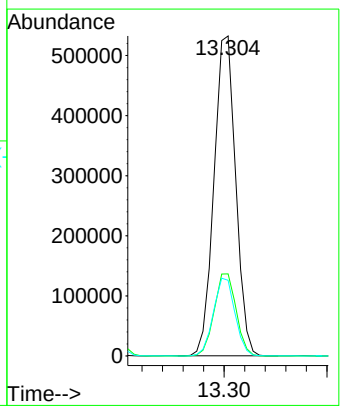


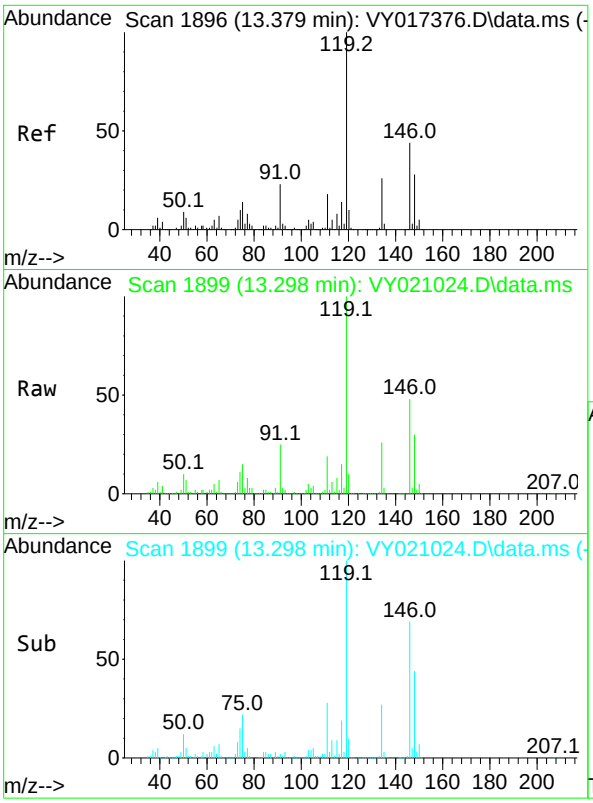


#86
p-Isopropyltoluene
Concen: 106.512 ug/l
RT: 13.304 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:119 Resp: 778814

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.3
91	24.2	11.5	34.5



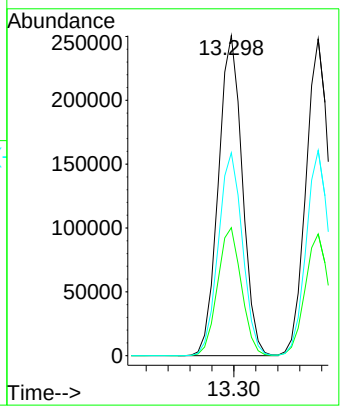


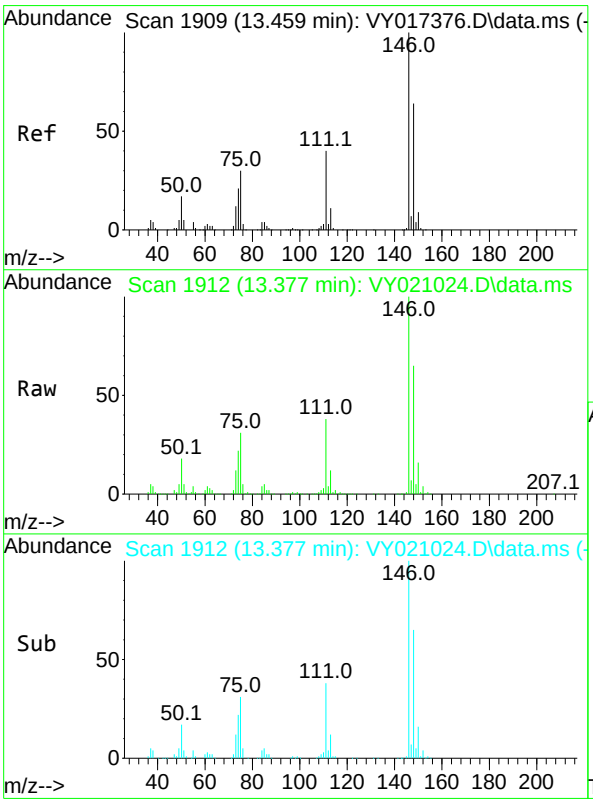
#87
1,3-Dichlorobenzene
Concen: 101.760 ug/l
RT: 13.298 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 380481

Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.7	59.1
148	64.0	32.1	96.3

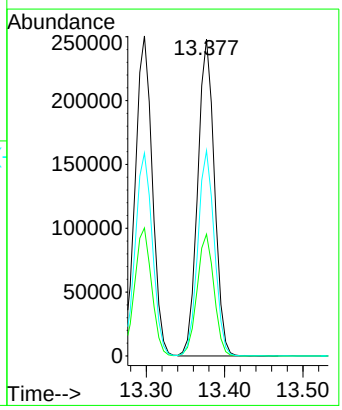


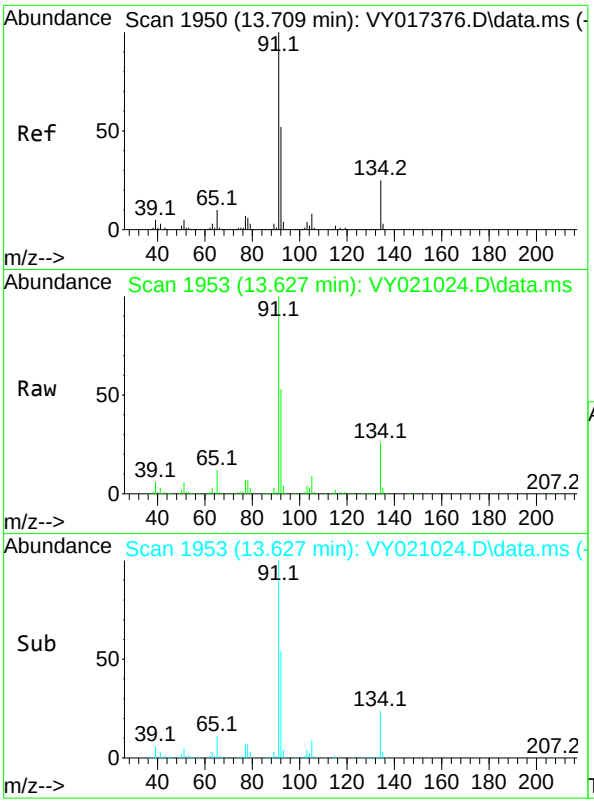


#88
1,4-Dichlorobenzene
Concen: 99.212 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:146 Resp: 368361

Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.0	57.0
148	64.0	31.6	95.0



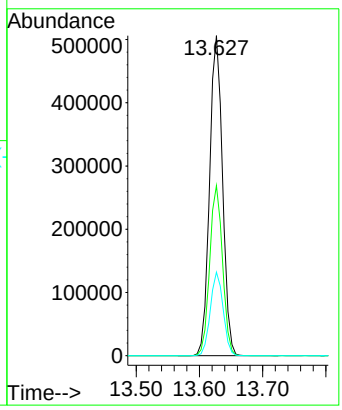


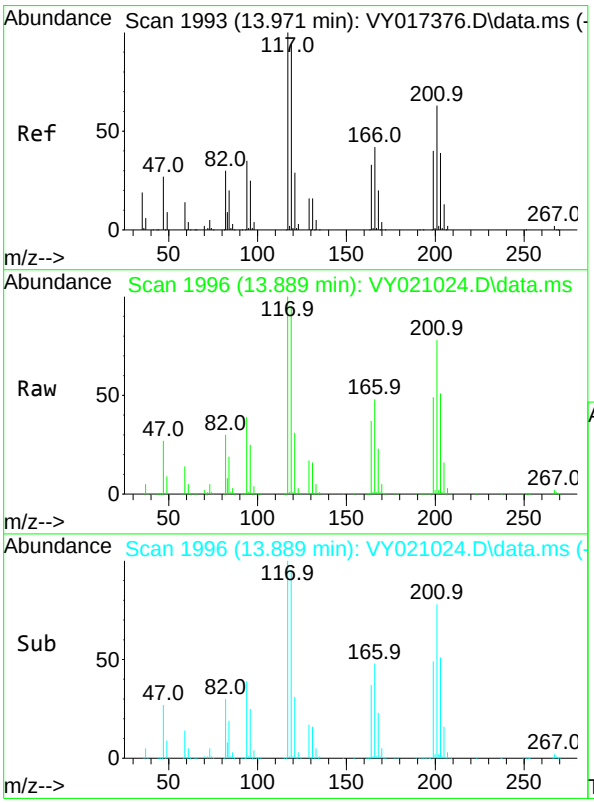
#89
n-Butylbenzene
Concen: 109.974 ug/l
RT: 13.627 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 720257

Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.7	80.1
134	25.9	13.7	41.1

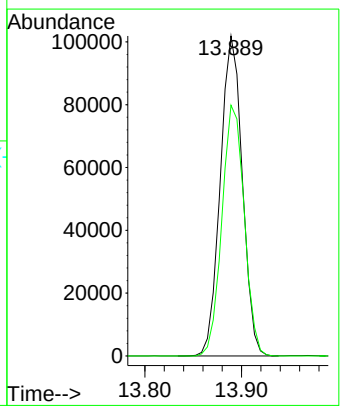


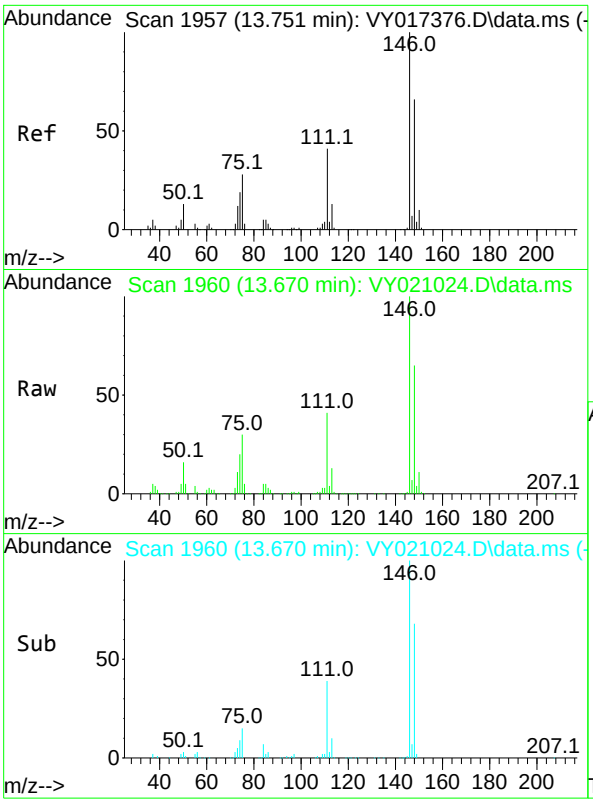


#90
Hexachloroethane
Concen: 108.782 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:117 Resp: 160918

Ion	Ratio	Lower	Upper
117	100		
201	79.4	42.5	127.5



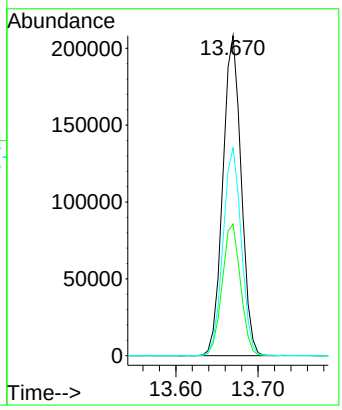


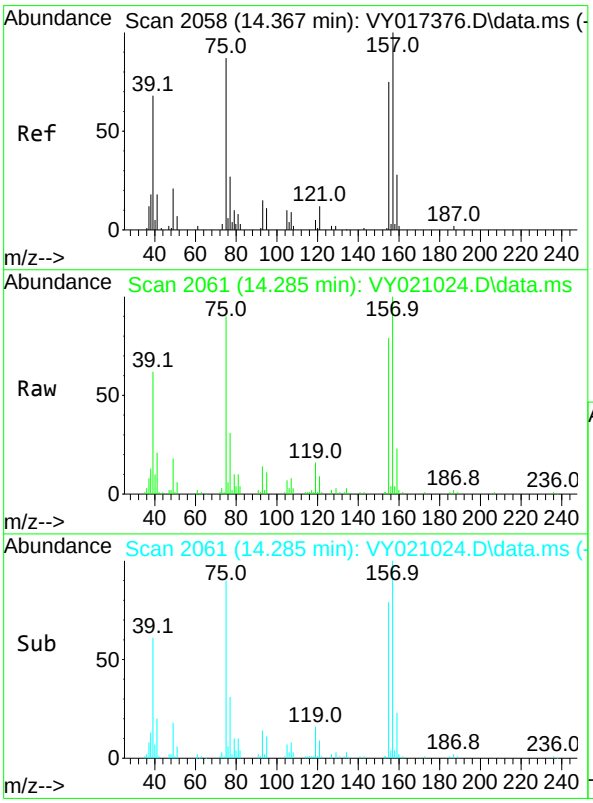
#91
1,2-Dichlorobenzene
Concen: 99.218 ug/l
RT: 13.670 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 323508

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.3	60.8
148	64.6	32.2	96.6

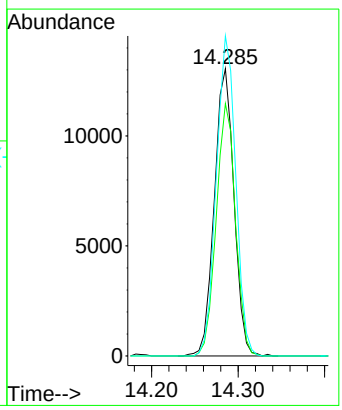


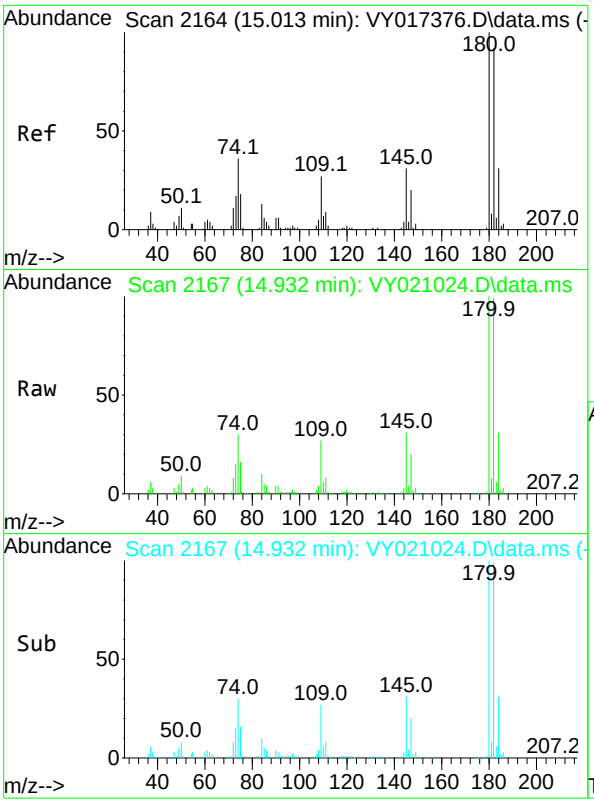


#92
1,2-Dibromo-3-Chloropropane
Concen: 102.253 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 75 Resp: 20553

Ion	Ratio	Lower	Upper
75	100		
155	86.0	45.9	137.6
157	110.2	59.3	177.9



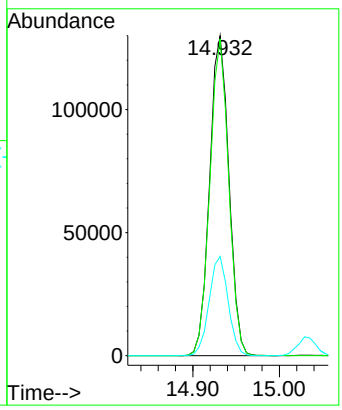


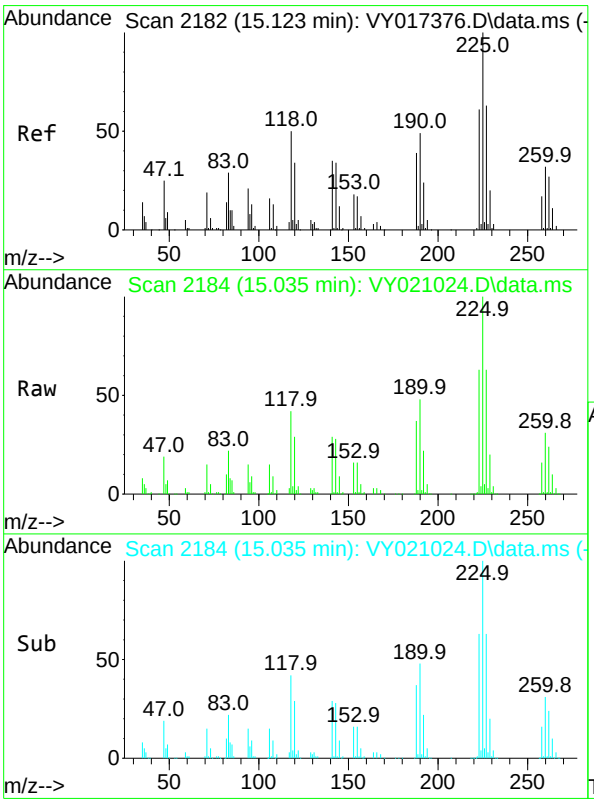
#93
1,2,4-Trichlorobenzene
Concen: 100.693 ug/l
RT: 14.932 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:180 Resp: 201024

Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.3	144.8
145	30.6	15.3	45.8

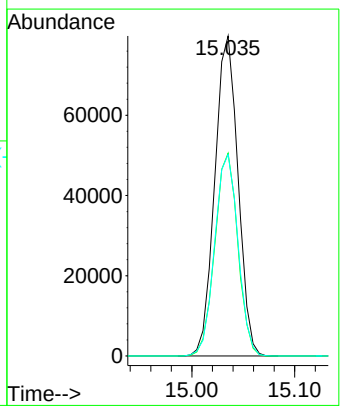


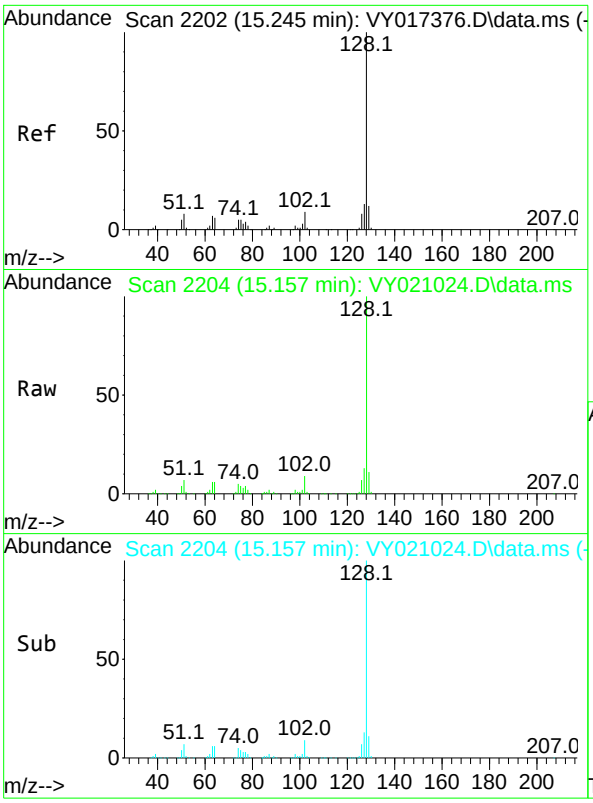


#94
Hexachlorobutadiene
Concen: 90.315 ug/l
RT: 15.035 min Scan# 2184
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:225 Resp: 124879

Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.4	94.2
227	63.5	31.8	95.3



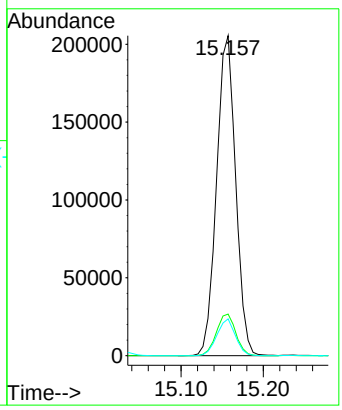


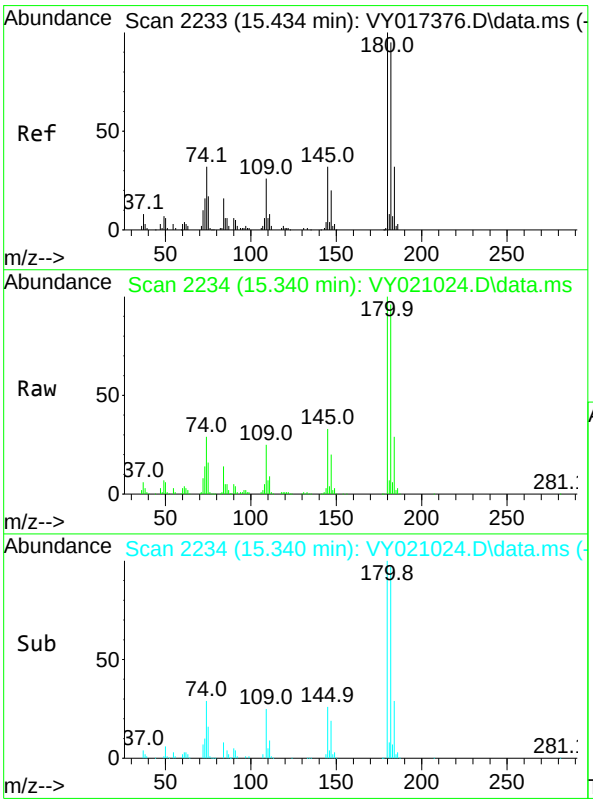
#95
Naphthalene
Concen: 103.361 ug/l
RT: 15.157 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 331641

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	11.1	8.8	13.2

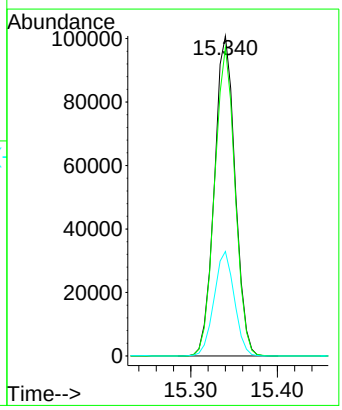




#96
1,2,3-Trichlorobenzene
Concen: 99.024 ug/l
RT: 15.340 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:180 Resp: 167187

Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.7	143.1
145	32.0	15.6	46.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021025.D
Acq On : 03 Feb 2025 12:44
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Quant Time: Feb 03 13:02:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:45:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	189855	50.000	ug/l	-0.09
34) 1,4-Difluorobenzene	8.622	114	287697	50.000	ug/l	-0.09
63) Chlorobenzene-d5	11.420	117	248527	50.000	ug/l	-0.08
72) 1,4-Dichlorobenzene-d4	13.352	152	112575	50.000	ug/l	-0.09
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	293662	145.767	ug/l	-0.09
Spiked Amount 50.000	Range 50 - 163		Recovery = 291.540%#			
35) Dibromofluoromethane	7.640	113	287798	156.902	ug/l	-0.09
Spiked Amount 50.000	Range 54 - 147		Recovery = 313.800%#			
50) Toluene-d8	10.109	98	1111573	156.398	ug/l	-0.09
Spiked Amount 50.000	Range 58 - 134		Recovery = 312.800%#			
62) 4-Bromofluorobenzene	12.408	95	360358	165.389	ug/l	-0.09
Spiked Amount 50.000	Range 30 - 143		Recovery = 330.780%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	260067	160.825	ug/l	97
3) Chloromethane	2.074	50	248885	81.348	ug/l	98
4) Vinyl Chloride	2.208	62	252501	69.162	ug/l	99
5) Bromomethane	2.592	94	146541	56.546	ug/l	99
6) Chloroethane	2.739	64	148751	63.941	ug/l	97
7) Trichlorofluoromethane	3.062	101	462994	126.220	ug/l	99
8) Diethyl Ether	3.458	74	147927	139.670	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.824	101	290713	131.732	ug/l	95
10) Methyl Iodide	4.013	142	352076	162.310	ug/l	94
11) Tert butyl alcohol	4.872	59	91037	848.981	ug/l	97
12) 1,1-Dichloroethene	3.799	96	283433	139.249	ug/l	94
13) Acrolein	3.659	56	152214	699.170	ug/l	98
14) Allyl chloride	4.391	41	481954	160.132	ug/l	96
15) Acrylonitrile	5.061	53	309767	679.868	ug/l	99
16) Acetone	3.873	43	237711	568.499	ug/l	96
17) Carbon Disulfide	4.116	76	886308	136.501	ug/l	100
18) Methyl Acetate	4.391	43	166019	85.794	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	720513	159.242	ug/l	99
20) Methylene Chloride	4.622	84	281630	138.679	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	306161	131.661	ug/l	94
22) Diisopropyl ether	6.025	45	955213	148.098	ug/l	97
23) Vinyl Acetate	5.970	43	2761423	1071.606	ug/l	99
24) 1,1-Dichloroethane	5.921	63	563116	139.932	ug/l	98
25) 2-Butanone	6.902	43	395886	600.838	ug/l	99
26) 2,2-Dichloropropane	6.890	77	527500	153.044	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	356495	142.393	ug/l	94
28) Bromochloromethane	7.256	49	224174	154.819	ug/l	98
29) Tetrahydrofuran	7.268	42	263943	722.351	ug/l	96
30) Chloroform	7.427	83	572890	142.767	ug/l	98
31) Cyclohexane	7.707	56	485167	126.502	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	540513	151.815	ug/l	99
36) 1,1-Dichloropropene	7.841	75	423720	141.085	ug/l	99
37) Ethyl Acetate	6.988	43	186661	152.878	ug/l	99
38) Carbon Tetrachloride	7.823	117	501205	173.920	ug/l	99
39) Methylcyclohexane	9.115	83	542900	150.976	ug/l	98
40) Benzene	8.085	78	1239229	147.276	ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021025.D
Acq On : 03 Feb 2025 12:44
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Quant Time: Feb 03 13:02:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:45:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	115234	185.172	ug/l		95
42) 1,2-Dichloroethane	8.164	62	340547	159.023	ug/l		97
43) Isopropyl Acetate	8.201	43	388966	177.842	ug/l	#	86
44) Trichloroethene	8.872	130	323716	148.882	ug/l		96
45) 1,2-Dichloropropane	9.146	63	294150	145.255	ug/l		100
46) Dibromomethane	9.237	93	161341	153.538	ug/l		95
47) Bromodichloromethane	9.426	83	437119	161.734	ug/l		98
48) Methyl methacrylate	9.225	41	187040	162.199	ug/l		94
49) 1,4-Dioxane	9.231	88	32704	3020.404	ug/l		94
51) 4-Methyl-2-Pentanone	10.006	43	965506	812.473	ug/l		98
52) Toluene	10.176	92	792134	154.914	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	416872	166.490	ug/l		99
54) cis-1,3-Dichloropropene	9.859	75	483429	157.719	ug/l		92
55) 1,1,2-Trichloroethane	10.579	97	209006	145.030	ug/l		99
56) Ethyl methacrylate	10.444	69	313458	213.398	ug/l		93
57) 1,3-Dichloropropane	10.725	76	365553	147.276	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	721923	766.301	ug/l		100
59) 2-Hexanone	10.762	43	642448	752.306	ug/l		98
60) Dibromochloromethane	10.914	129	298751	178.499	ug/l		98
61) 1,2-Dibromoethane	11.018	107	200840	151.965	ug/l		99
64) Tetrachloroethene	10.652	164	288752	157.146	ug/l		96
65) Chlorobenzene	11.444	112	854481	162.172	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.524	131	303176	159.965	ug/l		97
67) Ethyl Benzene	11.633	91	2360814	243.252	ug/l	#	67
68) m/p-Xylenes	11.633	106	1152452	314.940	ug/l		97
69) o-Xylene	11.963	106	543425	164.162	ug/l		97
70) Styrene	11.975	104	900989	177.408	ug/l		97
71) Bromoform	12.139	173	170929	186.022	ug/l	#	97
73) Isopropylbenzene	12.261	105	1439642	153.455	ug/l		100
74) N-amyl acetate	12.072	43	337562	181.987	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.511	83	229575	136.546	ug/l		99
76) 1,2,3-Trichloropropane	12.688	75	28402	25.245	ug/l	#	100
77) Bromobenzene	12.536	156	330230	167.148	ug/l		92
78) n-propylbenzene	12.603	91	1706799	147.779	ug/l		99
79) 2-Chlorotoluene	12.786	91	973177	154.410	ug/l		100
80) 1,3,5-Trimethylbenzene	12.743	105	1146647	155.522	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.408	75	196534	386.798	ug/l	#	12
82) 4-Chlorotoluene	12.786	91	973177	149.992	ug/l		99
83) tert-Butylbenzene	13.005	119	1067144	165.732	ug/l		98
84) 1,2,4-Trimethylbenzene	13.048	105	1138490	156.424	ug/l		100
85) sec-Butylbenzene	13.182	105	1489668	151.621	ug/l		98
86) p-Isopropyltoluene	13.298	119	1267584	159.437	ug/l		99
87) 1,3-Dichlorobenzene	13.371	146	600370	150.146	ug/l		99
88) 1,4-Dichlorobenzene	13.371	146	600370	154.353	ug/l		99
89) n-Butylbenzene	13.621	91	1172760	151.860	ug/l		98
90) Hexachloroethane	13.883	117	264877	160.731	ug/l		86
91) 1,2-Dichlorobenzene	13.663	146	529143	160.577	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	36737	175.945	ug/l		99
93) 1,2,4-Trichlorobenzene	14.925	180	338957	206.167	ug/l		98
94) Hexachlorobutadiene	15.029	225	204211	201.244	ug/l		99
95) Naphthalene	15.151	128	581994	203.420	ug/l		99
96) 1,2,3-Trichlorobenzene	15.334	180	280907	203.655	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021025.D
Acq On : 03 Feb 2025 12:44
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Quant Time: Feb 03 13:02:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:45:06 2025
Response via : Initial Calibration

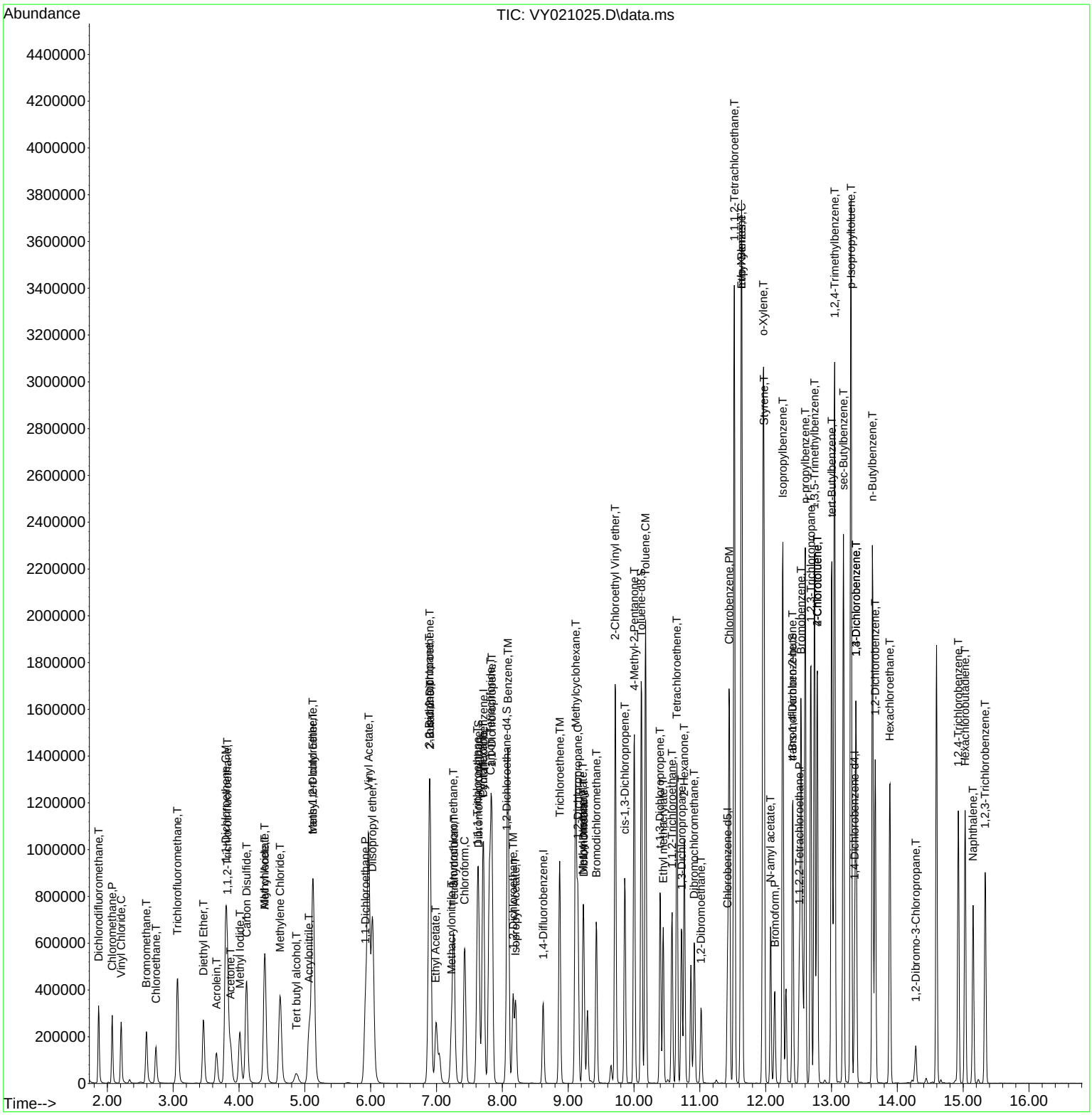
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

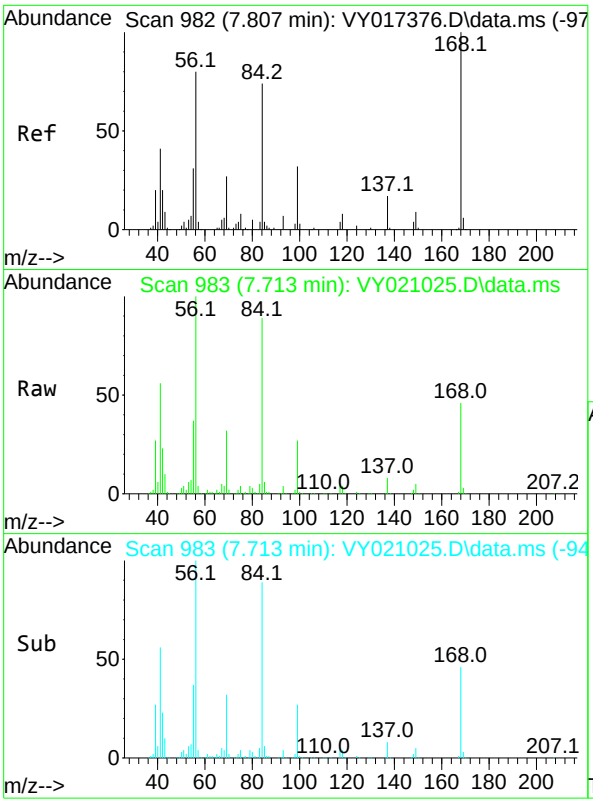
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021025.D
Acq On : 03 Feb 2025 12:44
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Quant Time: Feb 03 13:02:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:45:06 2025
Response via : Initial Calibration



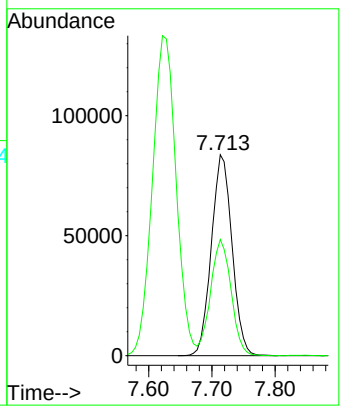


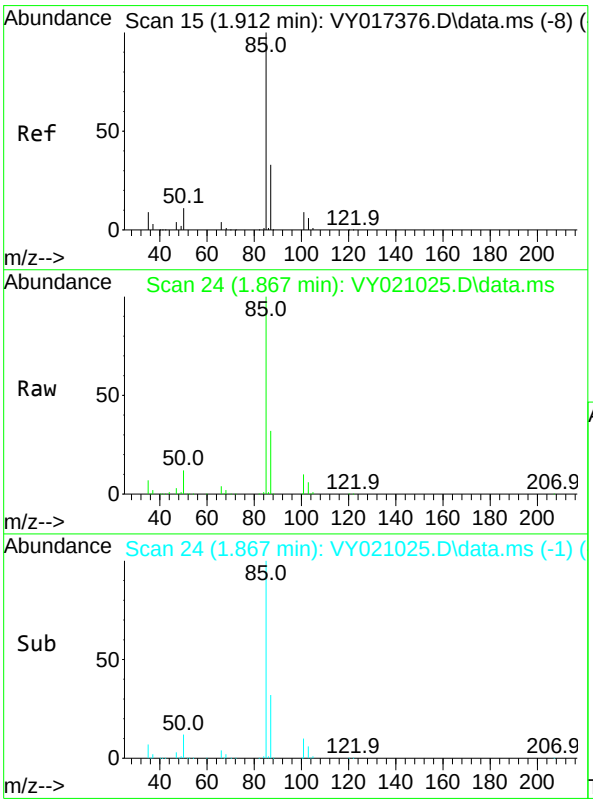
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. -0.094 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:168 Resp: 189855

Ion	Ratio	Lower	Upper
168	100		
99	57.7	44.2	66.4

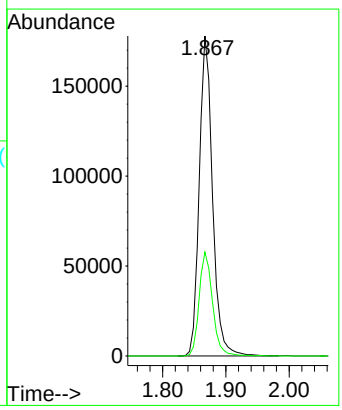


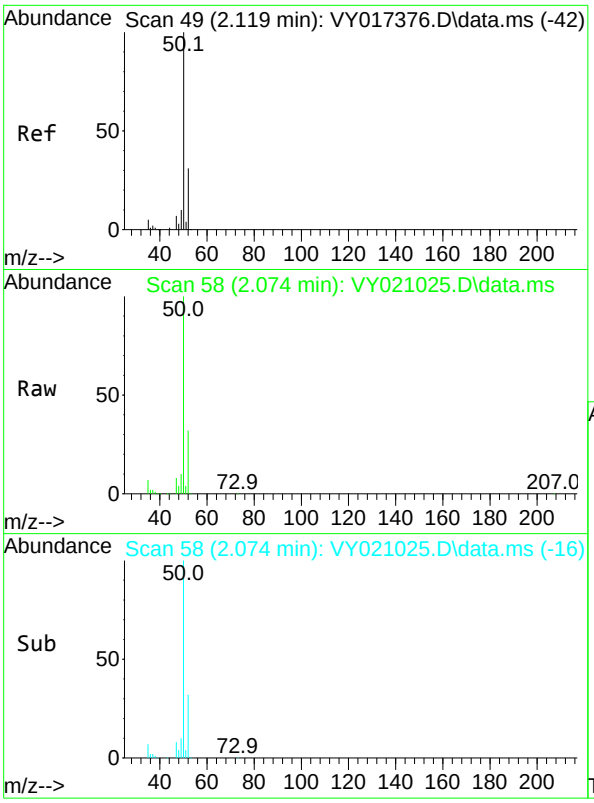


#2
Dichlorodifluoromethane
Concen: 160.825 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.045 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 85 Resp: 260067

Ion	Ratio	Lower	Upper
85	100		
87	32.5	17.1	51.3



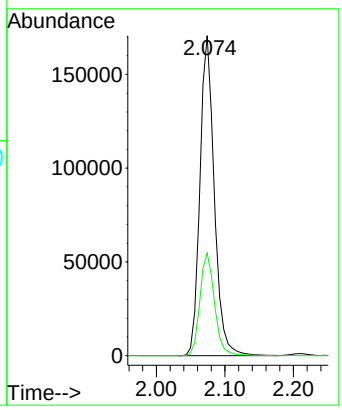


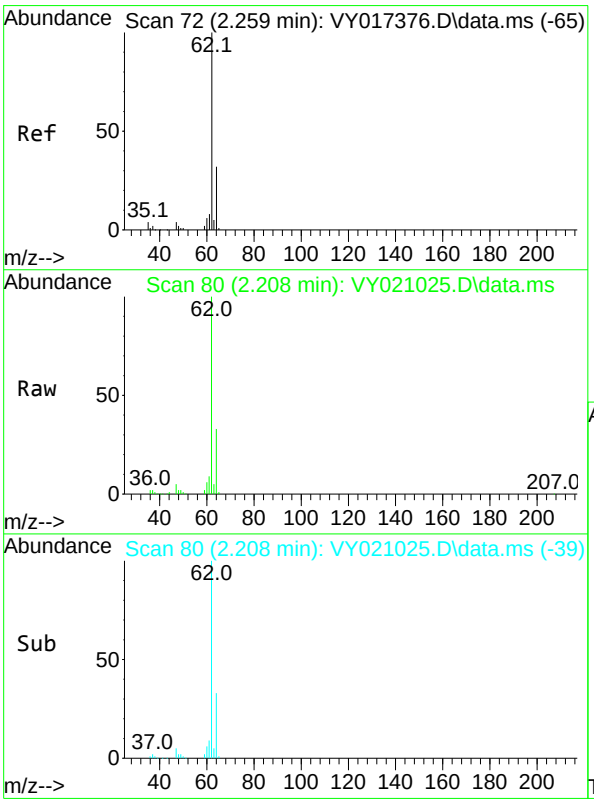
#3
Chloromethane
Concen: 81.348 ug/l
RT: 2.074 min Scan# 5
Delta R.T. -0.045 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 50 Resp: 248885

Ion	Ratio	Lower	Upper
50	100		
52	32.0	26.7	40.1

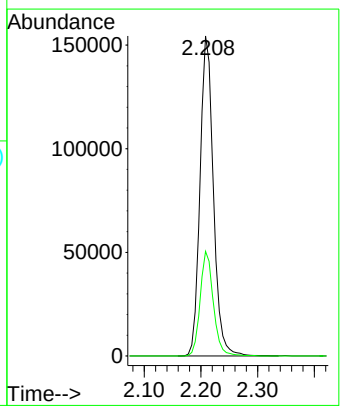


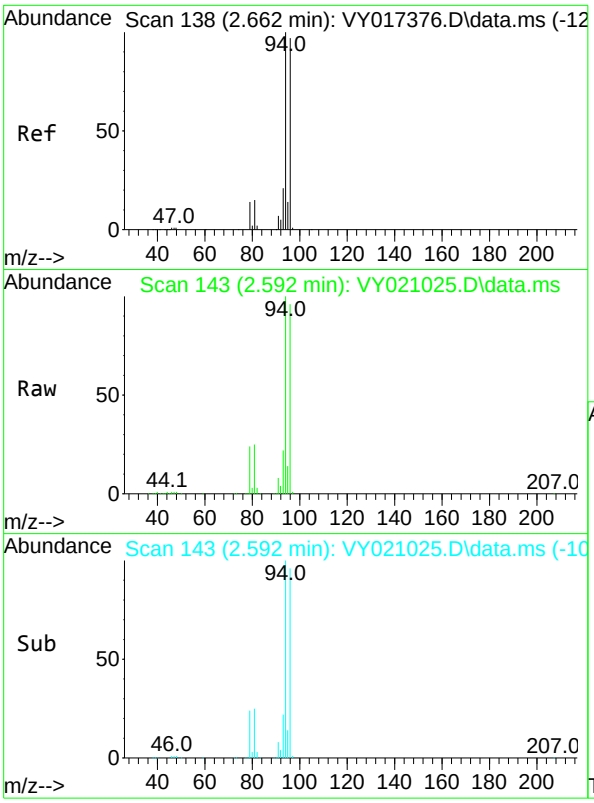


#4
Vinyl Chloride
Concen: 69.162 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.051 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 62 Resp: 252501

Ion	Ratio	Lower	Upper
62	100		
64	32.7	25.7	38.5



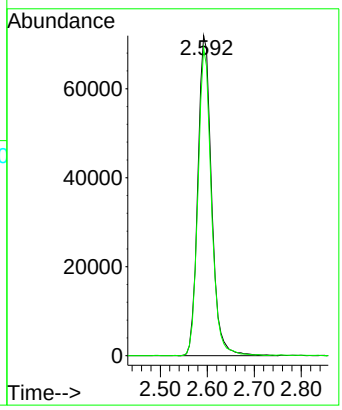


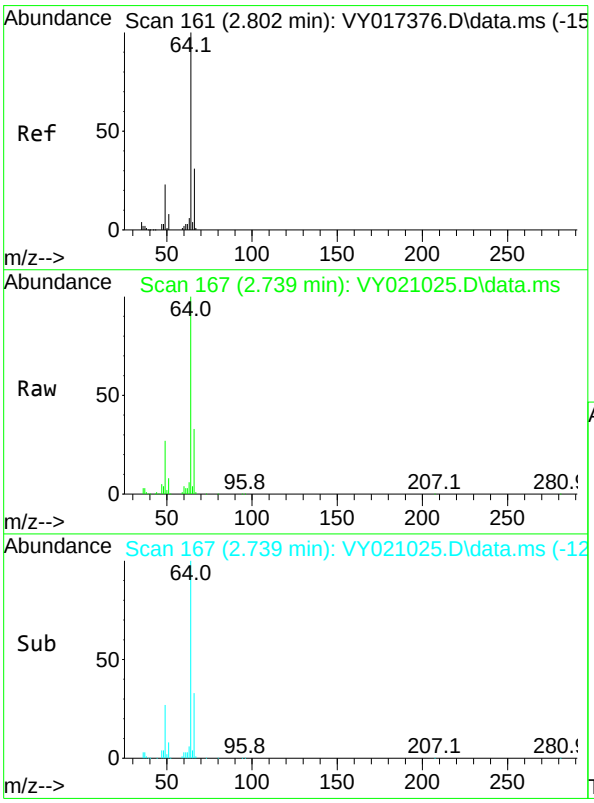
#5
Bromomethane
Concen: 56.546 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.070 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 94 Resp: 146541

Ion	Ratio	Lower	Upper
94	100		
96	96.1	77.3	115.9

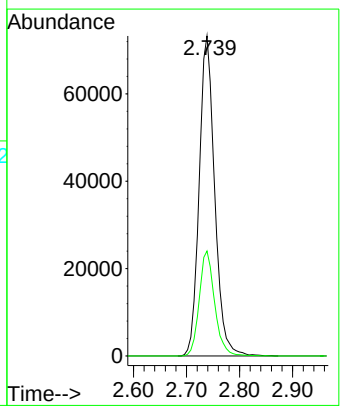


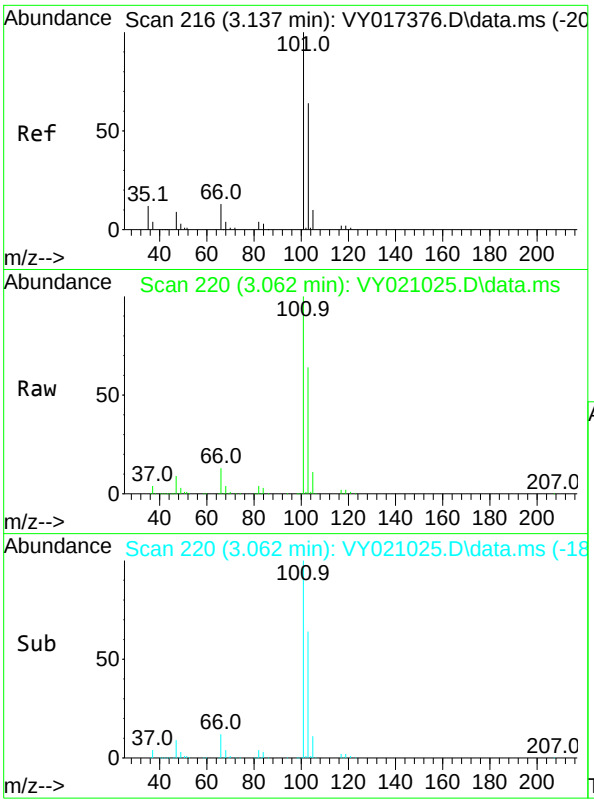


#6
Chloroethane
Concen: 63.941 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.063 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 64 Resp: 148751

Ion	Ratio	Lower	Upper
64	100		
66	32.8	25.1	37.7



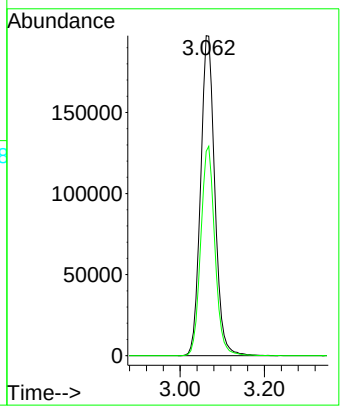


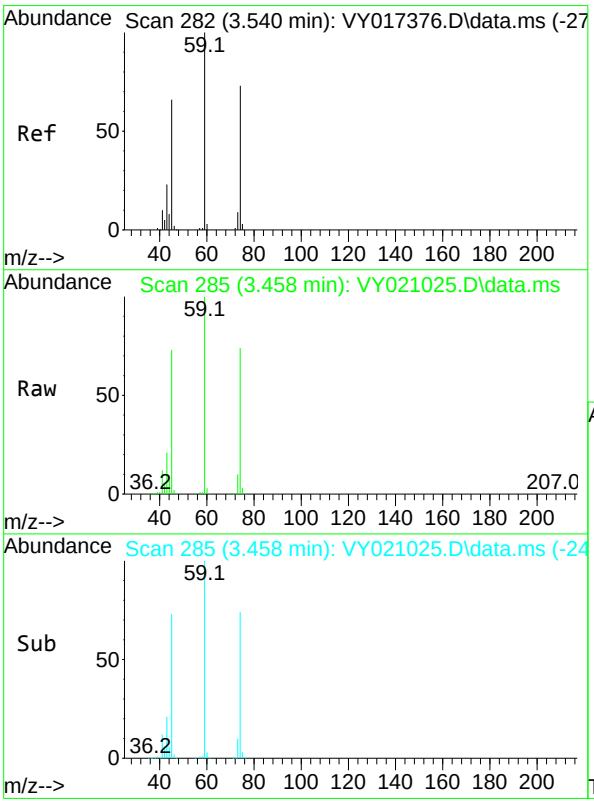
#7
Trichlorofluoromethane
Concen: 126.220 ug/l
RT: 3.062 min Scan# 2
Delta R.T. -0.076 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 462994

Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.9	77.9

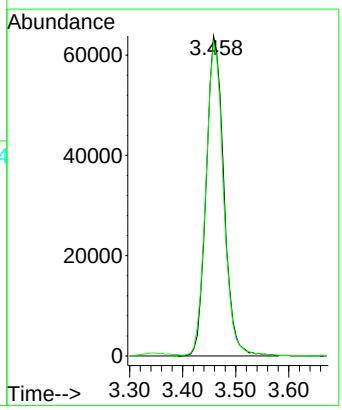


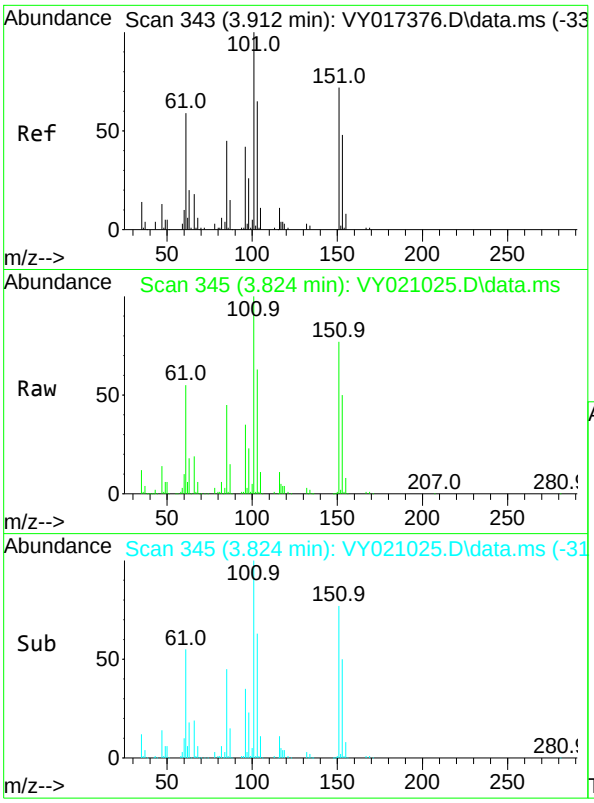


#8
Diethyl Ether
Concen: 139.670 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 74 Resp: 147927

Ion	Ratio	Lower	Upper
74	100		
45	98.2	47.9	143.7



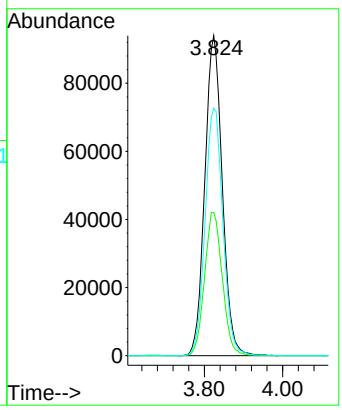


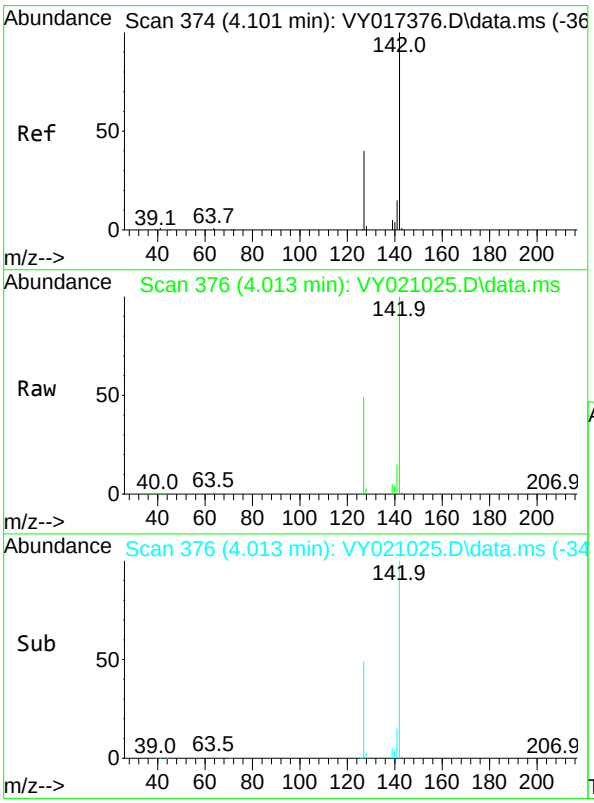
#9
1,1,2-Trichlorotrifluoroethane
Concen: 131.732 ug/l
RT: 3.824 min Scan# 34
Delta R.T. -0.088 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 290713

Ion	Ratio	Lower	Upper
101	100		
85	45.6	35.8	53.6
151	78.9	58.6	88.0

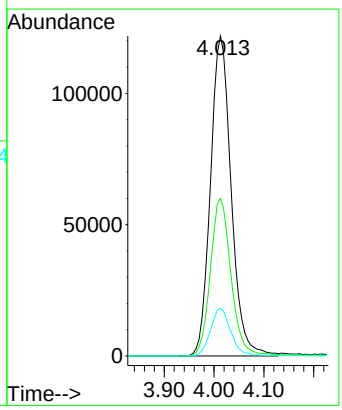


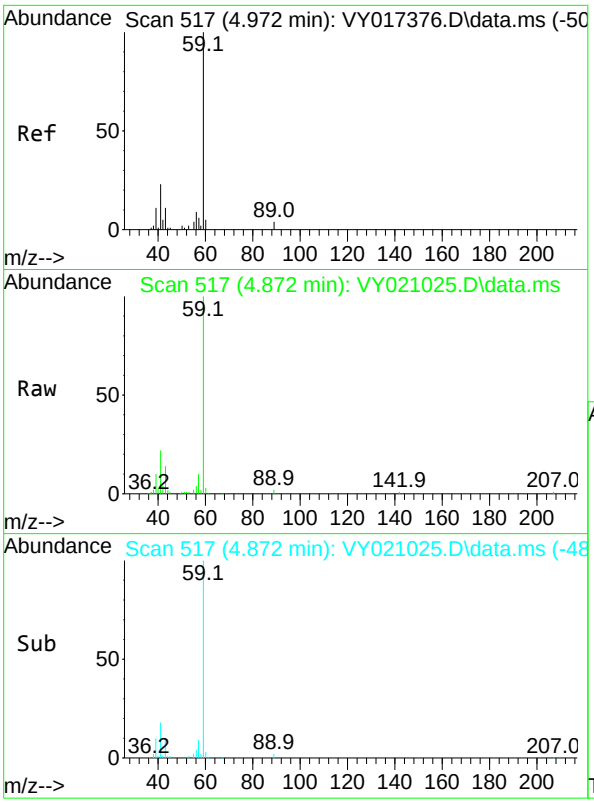


#10
Methyl Iodide
Concen: 162.310 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.088 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:142 Resp: 352076

Ion	Ratio	Lower	Upper
142	100		
127	49.2	35.1	52.7
141	14.5	11.8	17.6



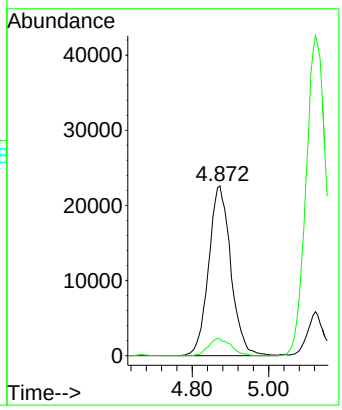


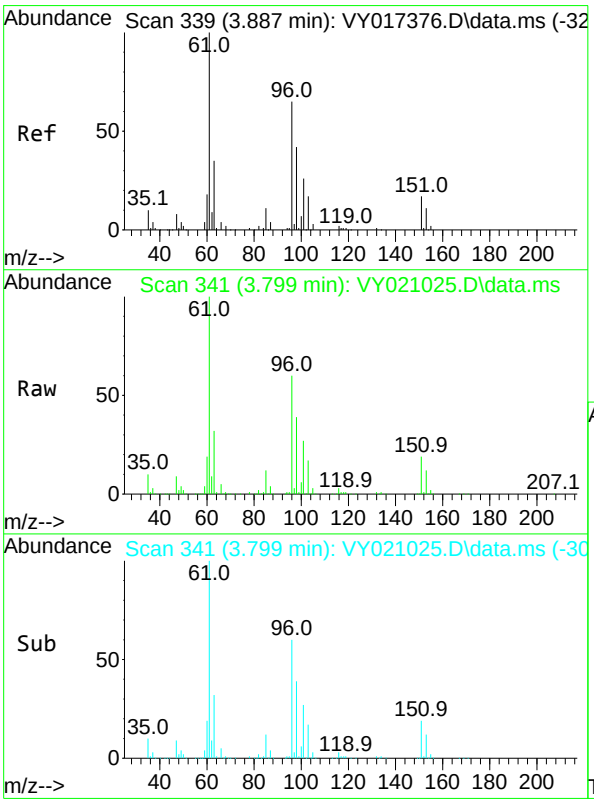
#11
Tert butyl alcohol
Concen: 848.981 ug/l
RT: 4.872 min Scan# 5
Delta R.T. -0.100 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 59 Resp: 91037

Ion	Ratio	Lower	Upper
59	100		
57	10.3	7.4	11.0

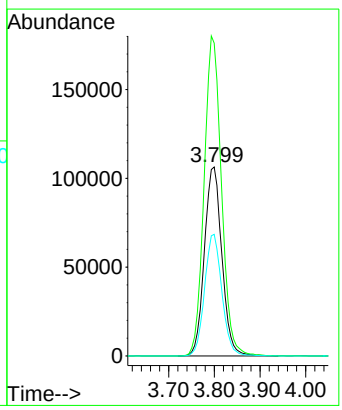


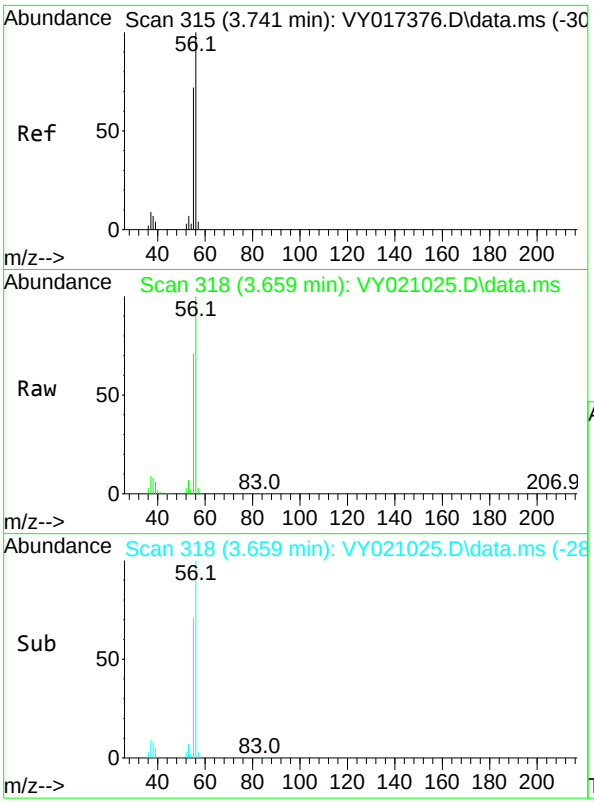


#12
1,1-Dichloroethene
Concen: 139.249 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.088 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 96 Resp: 283433

Ion	Ratio	Lower	Upper
96	100		
61	165.5	124.2	186.2
98	64.4	52.6	79.0



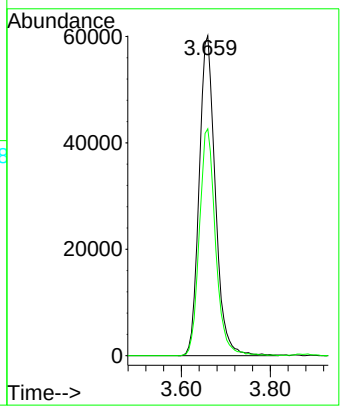


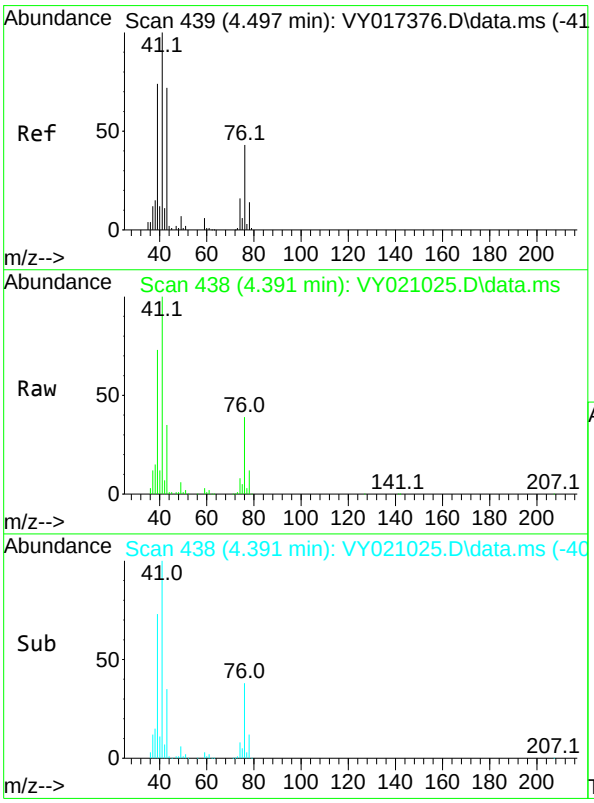
#13
Acrolein
Concen: 699.170 ug/l
RT: 3.659 min Scan# 3
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 152214

Ion	Ratio	Lower	Upper
56	100		
55	71.1	55.4	83.0

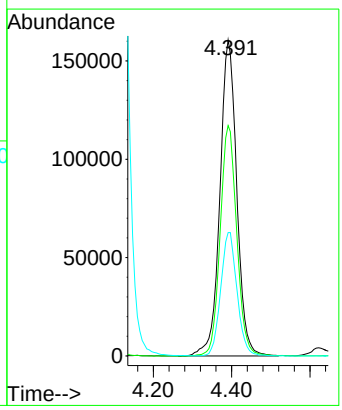


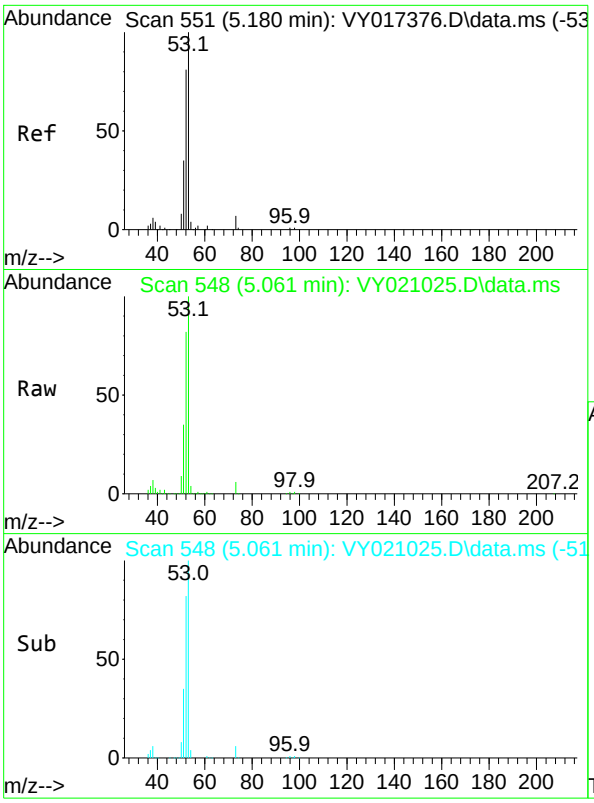


#14
Allyl chloride
Concen: 160.132 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.106 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 41 Resp: 481954

Ion	Ratio	Lower	Upper
41	100		
39	71.7	54.7	82.1
76	37.7	31.8	47.6



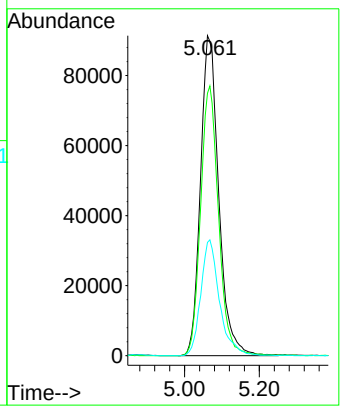


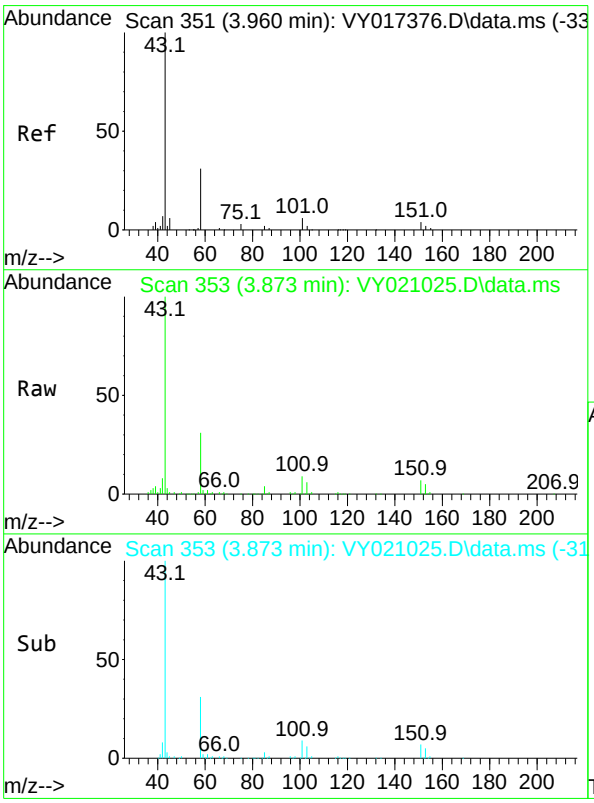
#15
Acrylonitrile
Concen: 679.868 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.118 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 53 Resp: 309767

Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.1	97.7
51	37.1	29.0	43.4

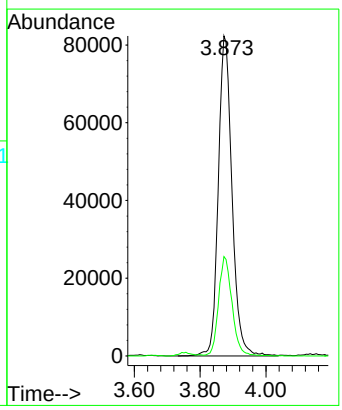


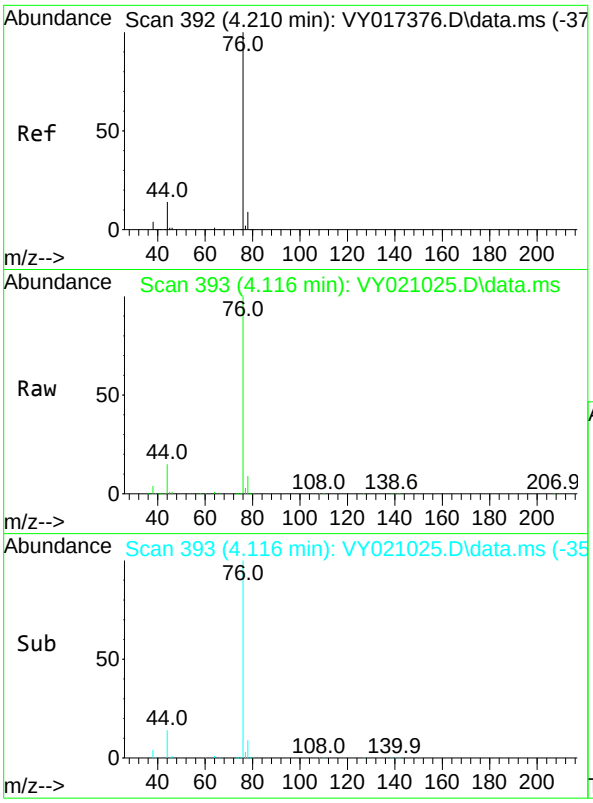


#16
Acetone
Concen: 568.499 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.087 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 43 Resp: 237711

Ion	Ratio	Lower	Upper
43	100		
58	31.0	26.6	39.8



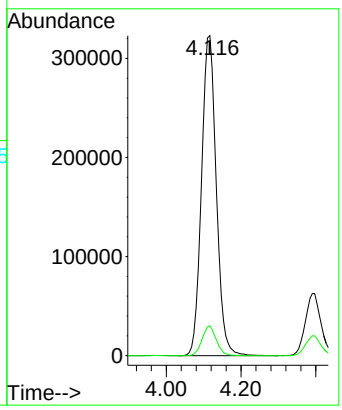


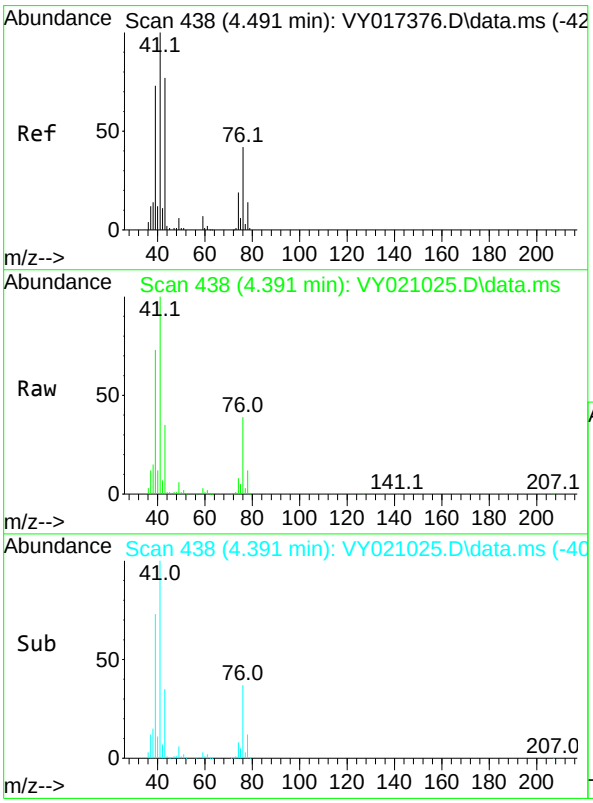
#17
Carbon Disulfide
Concen: 136.501 ug/l
RT: 4.116 min Scan# 3
Delta R.T. -0.094 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 886308

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.0

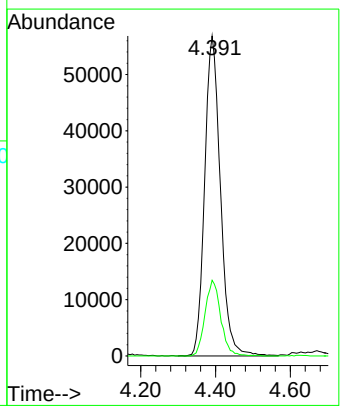


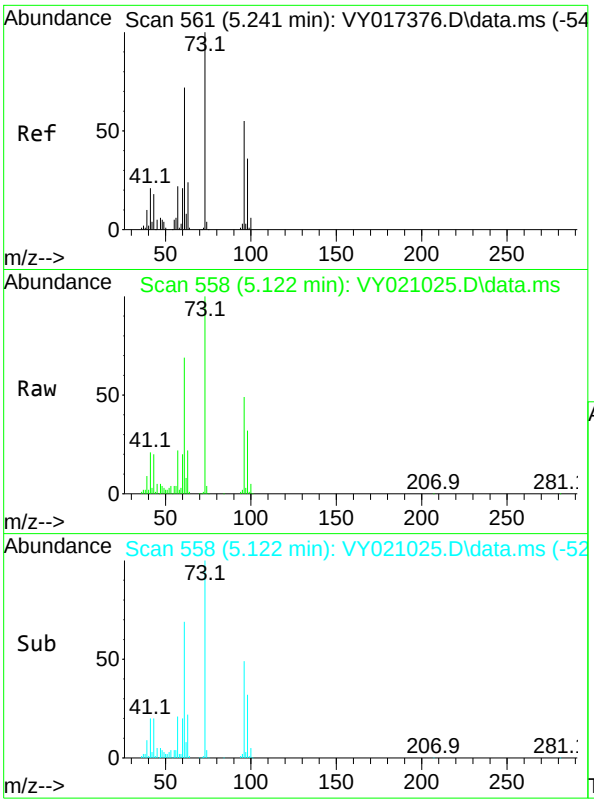


#18
Methyl Acetate
Concen: 85.794 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.100 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 43 Resp: 166019

Ion	Ratio	Lower	Upper
43	100		
74	23.5	19.8	29.6



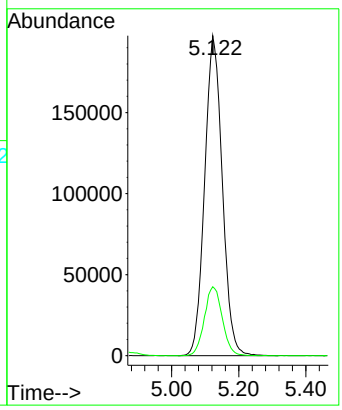


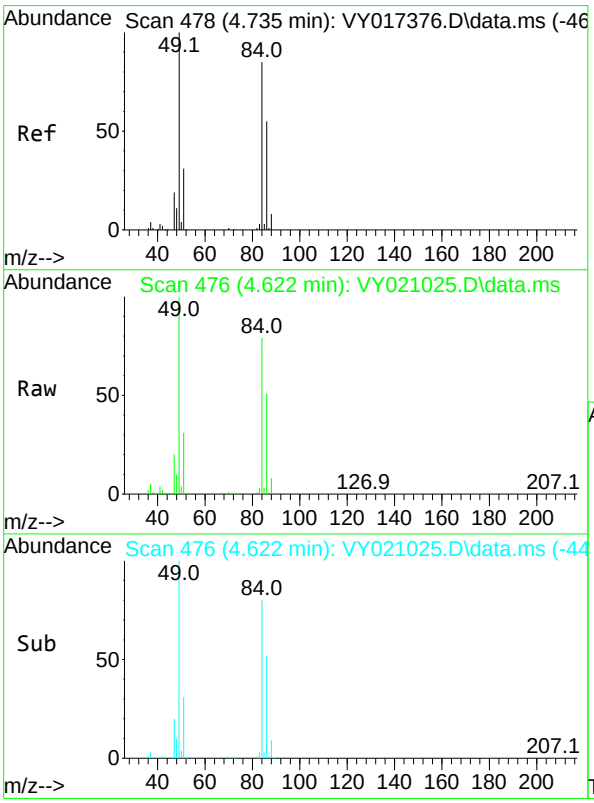
#19
Methyl tert-butyl Ether
Concen: 159.242 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.119 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 73 Resp: 720513

Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.7	26.5

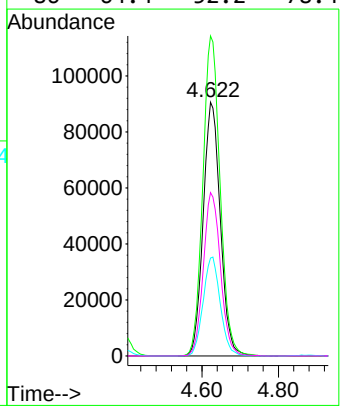


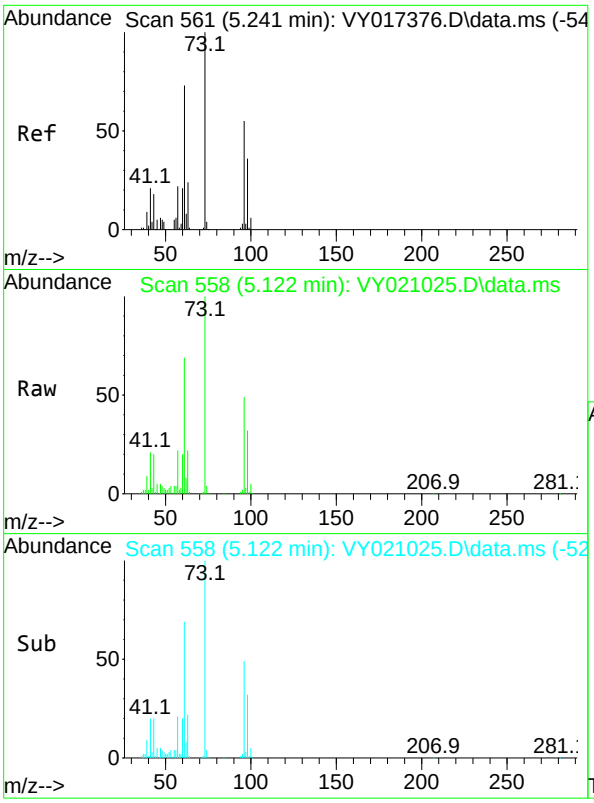


#20
Methylene Chloride
Concen: 138.679 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.113 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 84 Resp: 281630

Ion	Ratio	Lower	Upper
84	100		
49	126.1	95.2	142.8
51	38.6	29.9	44.9
86	64.4	52.2	78.4



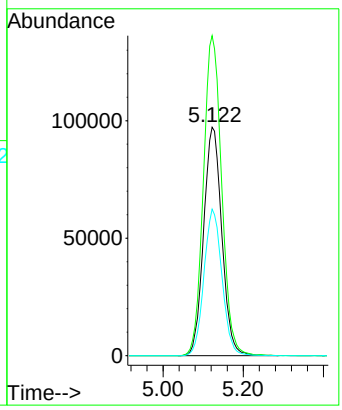


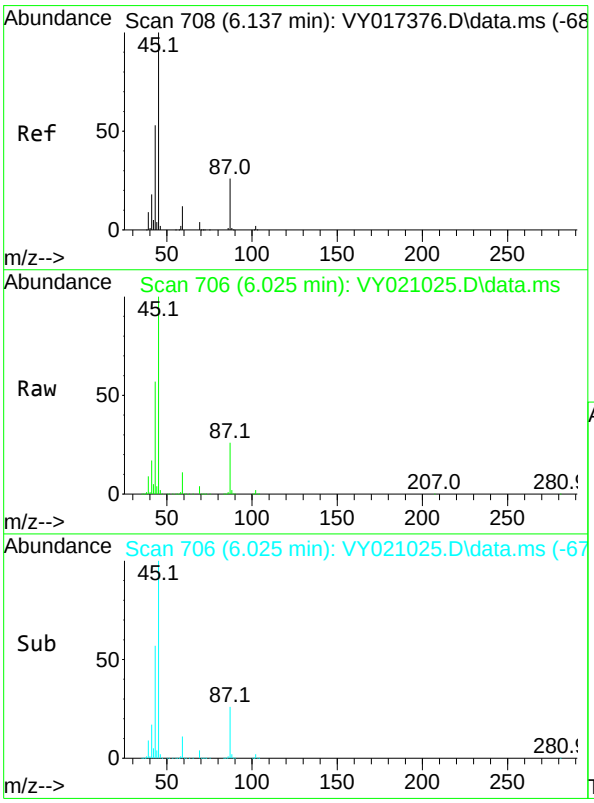
#21
trans-1,2-Dichloroethene
Concen: 131.661 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.118 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 306161

Ion	Ratio	Lower	Upper
96	100		
61	140.1	104.6	156.8
98	64.1	50.9	76.3

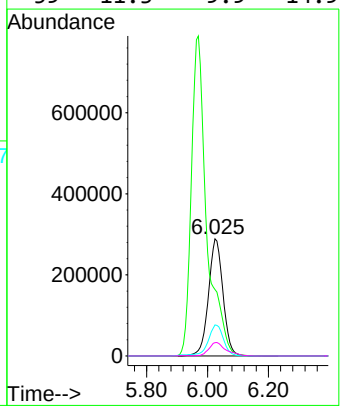


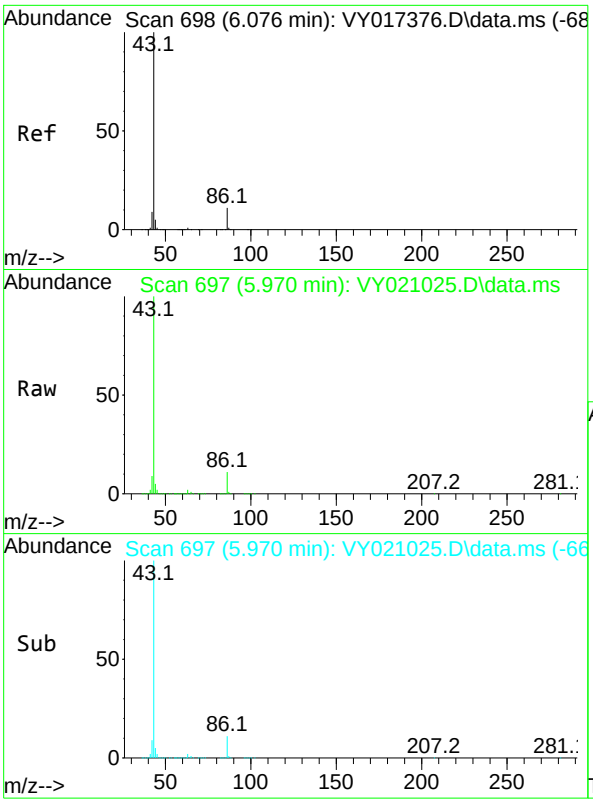


#22
Diisopropyl ether
Concen: 148.098 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.112 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 45 Resp: 955213

Ion	Ratio	Lower	Upper
45	100		
43	56.6	46.8	70.2
87	26.5	22.2	33.2
59	11.3	9.9	14.9



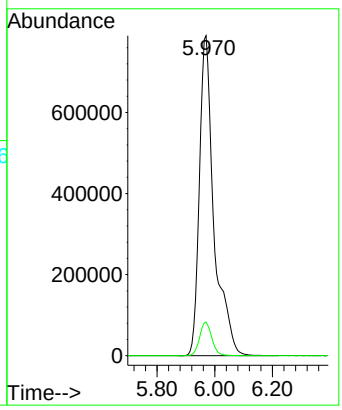


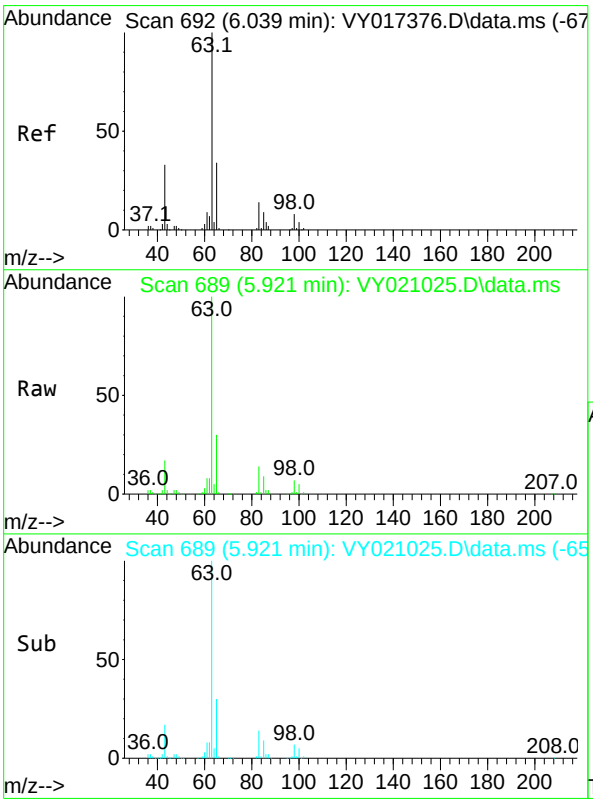
#23
Vinyl Acetate
Concen: 1071.606 ug/l
RT: 5.970 min Scan# 6
Delta R.T. -0.106 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 2761423

Ion	Ratio	Lower	Upper
43	100		
86	10.5	8.6	13.0

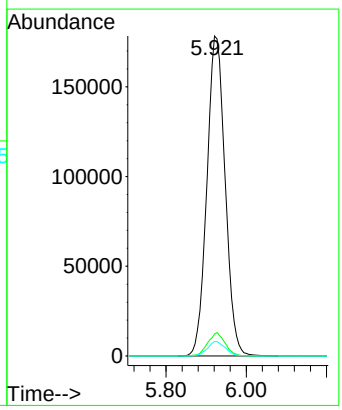


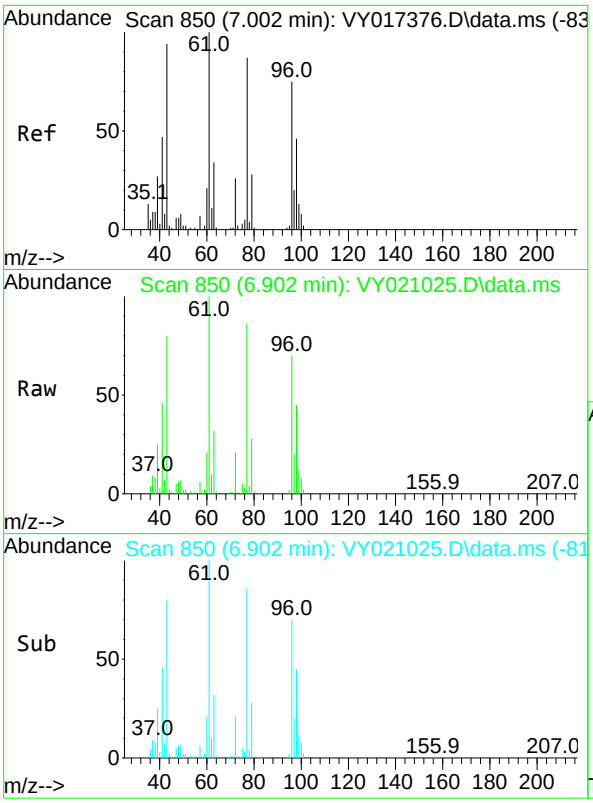


#24
1,1-Dichloroethane
Concen: 139.932 ug/l
RT: 5.921 min Scan# 689
Delta R.T. -0.118 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 63 Resp: 563116

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.8	11.4
100	4.5	2.1	6.2



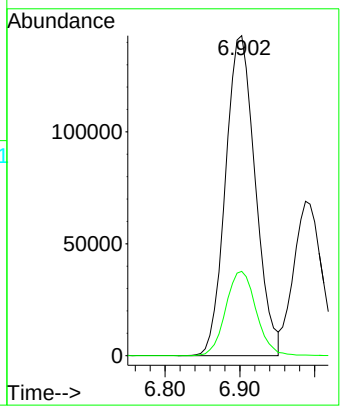


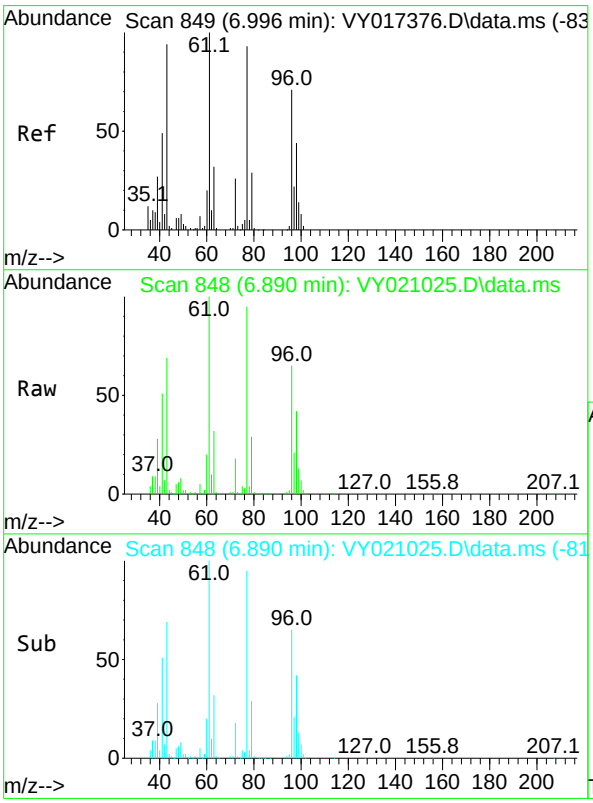
#25
2-Butanone
Concen: 600.838 ug/l
RT: 6.902 min Scan# 8
Delta R.T. -0.100 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 395886

Ion	Ratio	Lower	Upper
43	100		
72	26.4	21.4	32.2

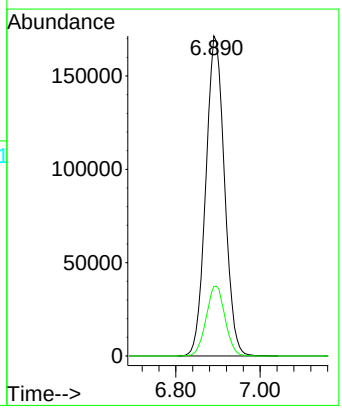


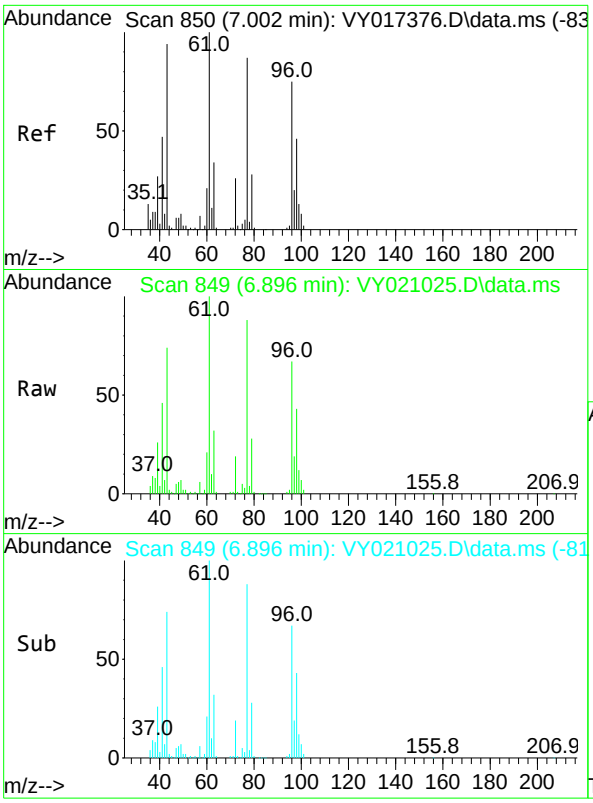


#26
2,2-Dichloropropane
Concen: 153.044 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.106 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 77 Resp: 527500

Ion	Ratio	Lower	Upper
77	100		
97	22.1	11.7	35.0



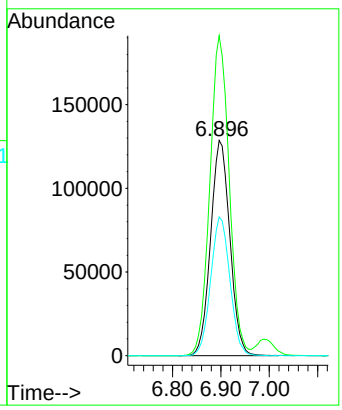


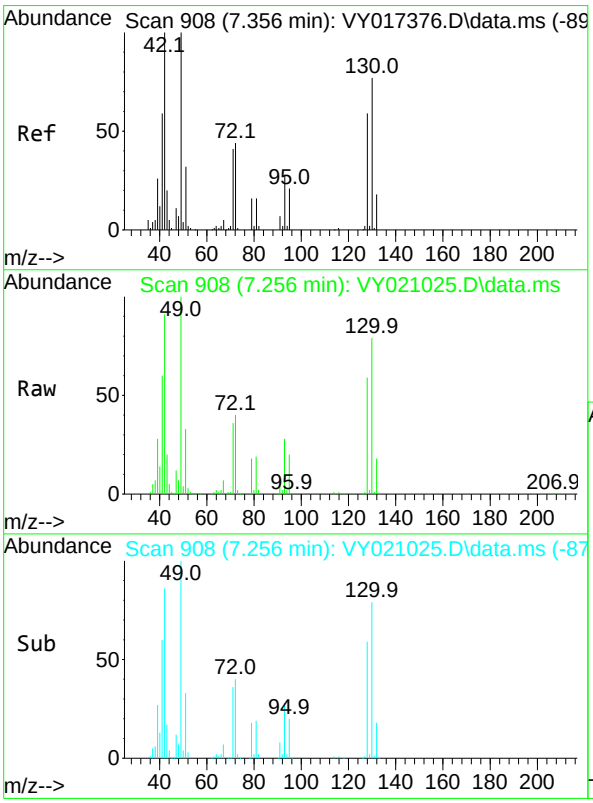
#27
cis-1,2-Dichloroethene
Concen: 142.393 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.106 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 356495

Ion	Ratio	Lower	Upper
96	100		
61	149.4	0.0	278.8
98	64.4	0.0	127.0

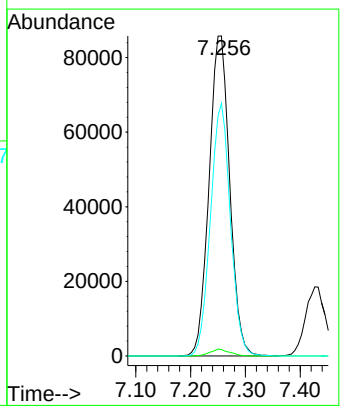


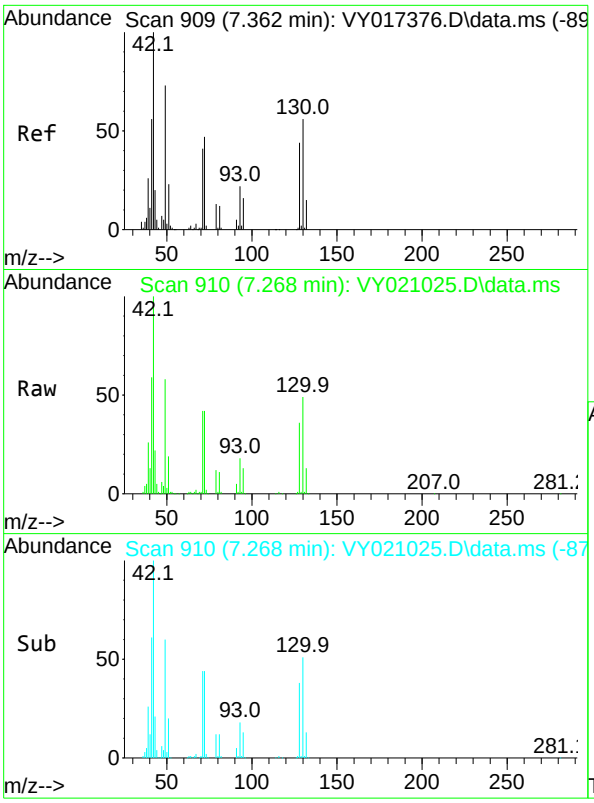


#28
Bromochloromethane
Concen: 154.819 ug/l
RT: 7.256 min Scan# 908
Delta R.T. -0.100 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 49 Resp: 224174

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	76.4	59.8	89.8



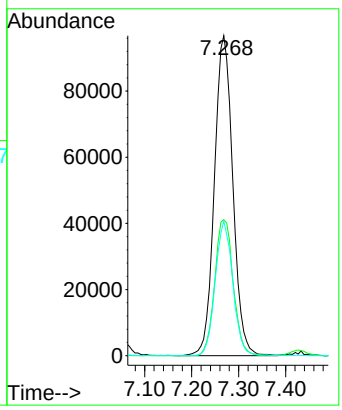


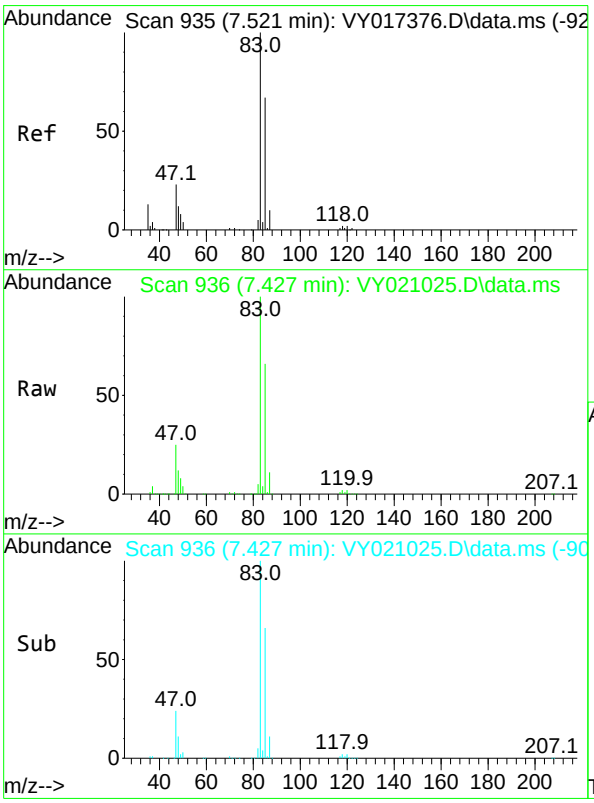
#29
Tetrahydrofuran
Concen: 722.351 ug/l
RT: 7.268 min Scan# 91
Delta R.T. -0.094 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 42 Resp: 263943

Ion	Ratio	Lower	Upper
42	100		
72	42.9	36.6	54.8
71	39.9	33.8	50.6

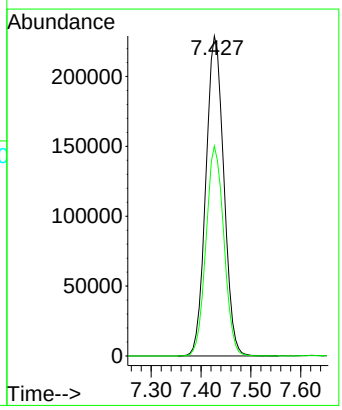


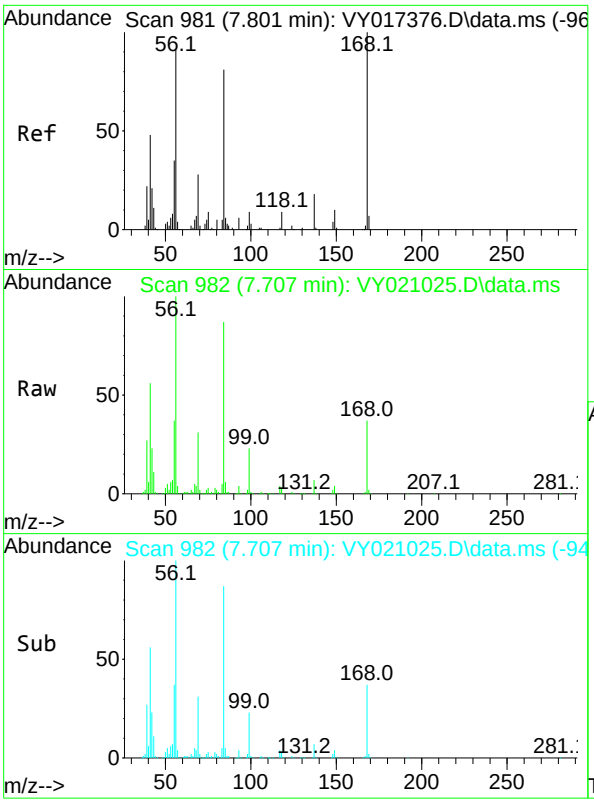


#30
Chloroform
Concen: 142.767 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.094 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 83 Resp: 572890

Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.2	76.8



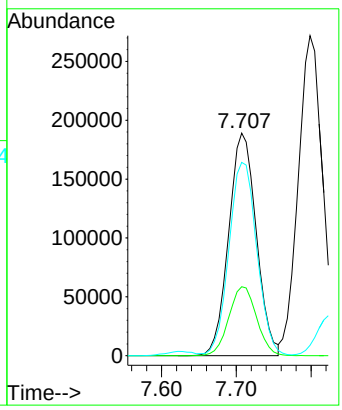


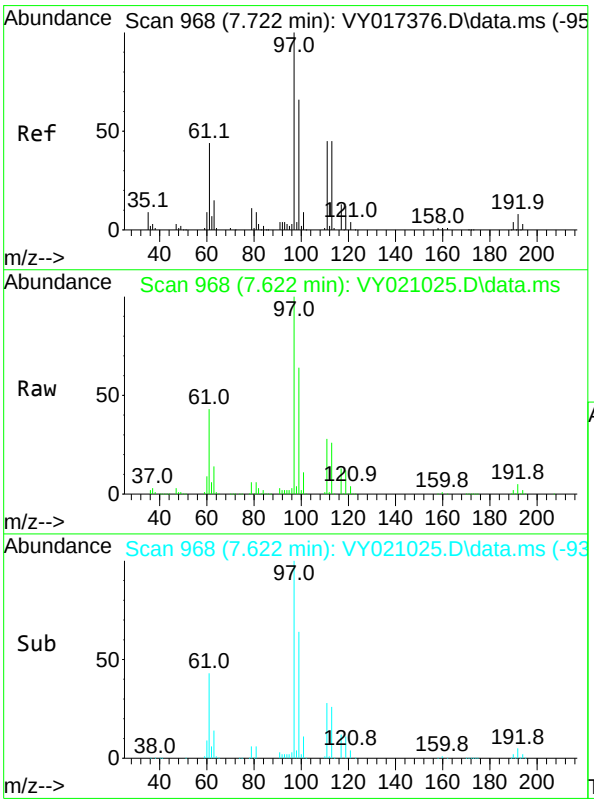
#31
Cyclohexane
Concen: 126.502 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.094 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 485167

Ion	Ratio	Lower	Upper
56	100		
69	31.0	27.0	40.6
84	84.9	71.8	107.6

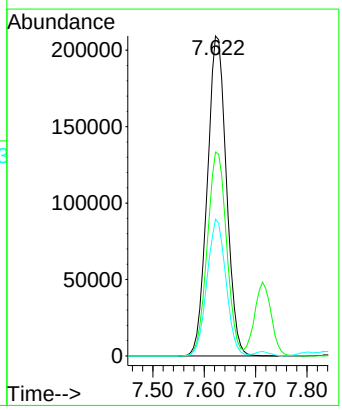


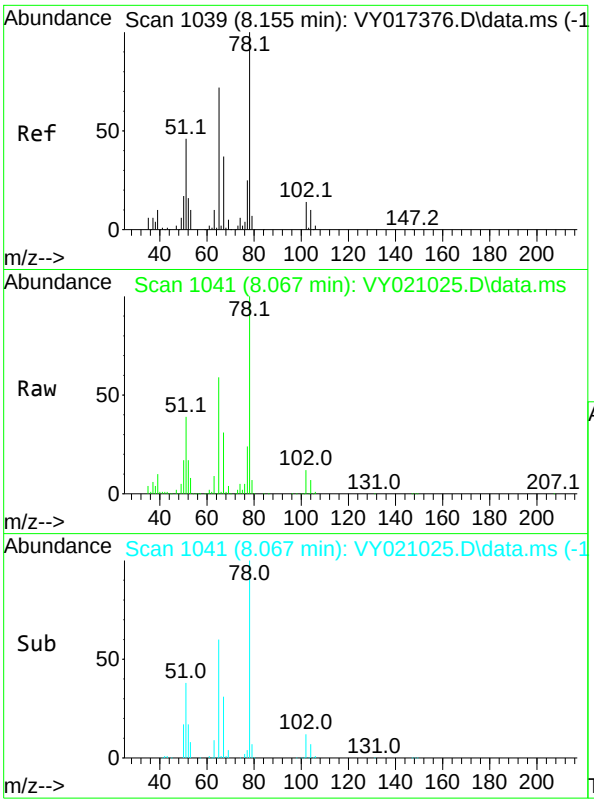


#32
1,1,1-Trichloroethane
Concen: 151.815 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.100 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 97 Resp: 540513

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.2	76.8
61	42.5	35.0	52.6



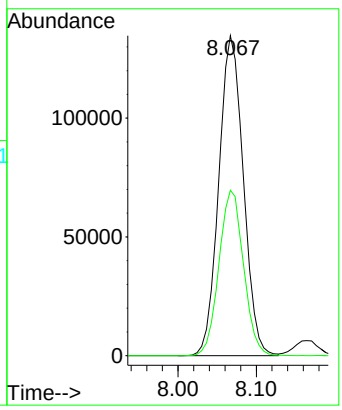


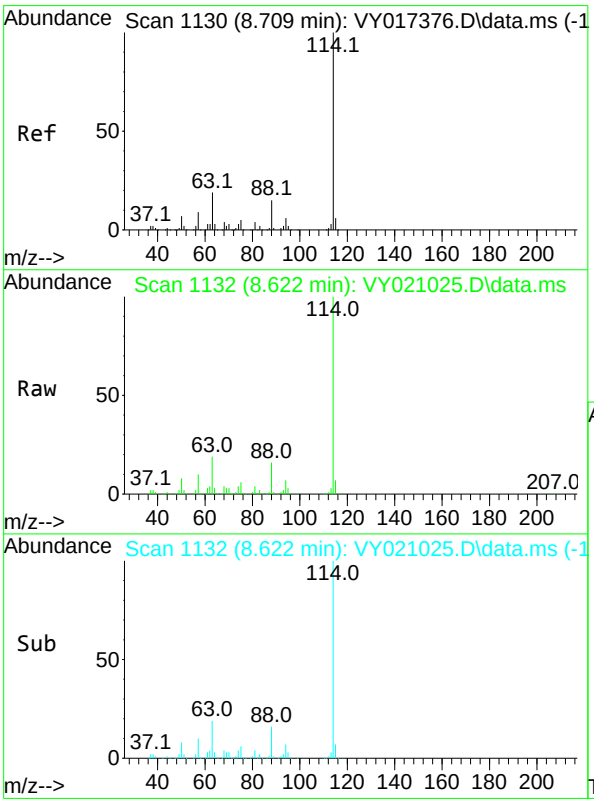
#33
1,2-Dichloroethane-d4
Concen: 145.767 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.088 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 65 Resp: 293662

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	109.0

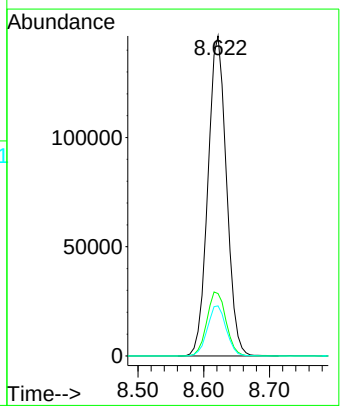


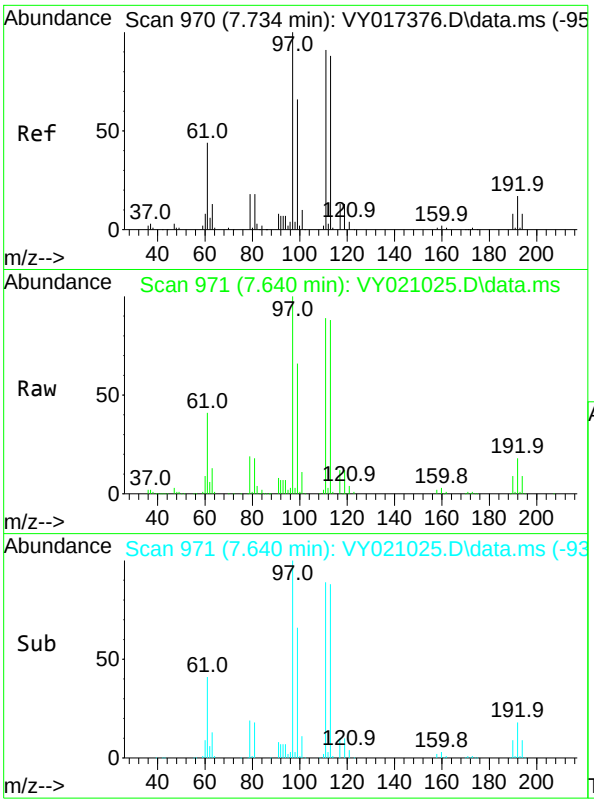


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.088 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:114 Resp: 287697

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	37.4
88	15.7	0.0	29.0



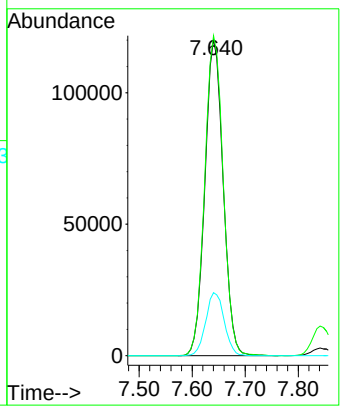


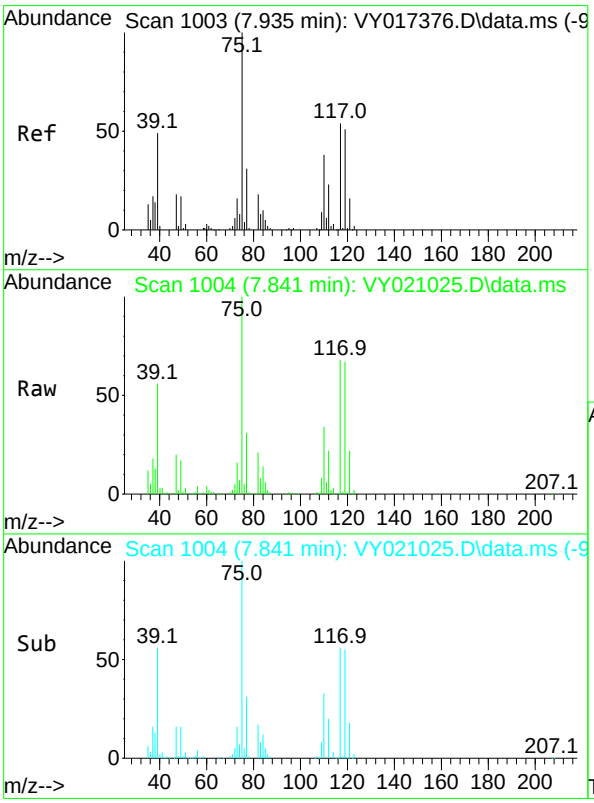
#35
Dibromofluoromethane
Concen: 156.902 ug/l
RT: 7.640 min Scan# 9
Delta R.T. -0.094 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:113 Resp: 287798

Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.8	125.6
192	20.1	14.5	21.7

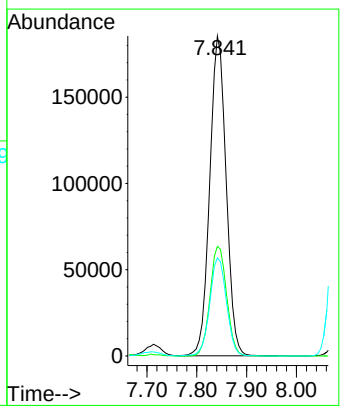


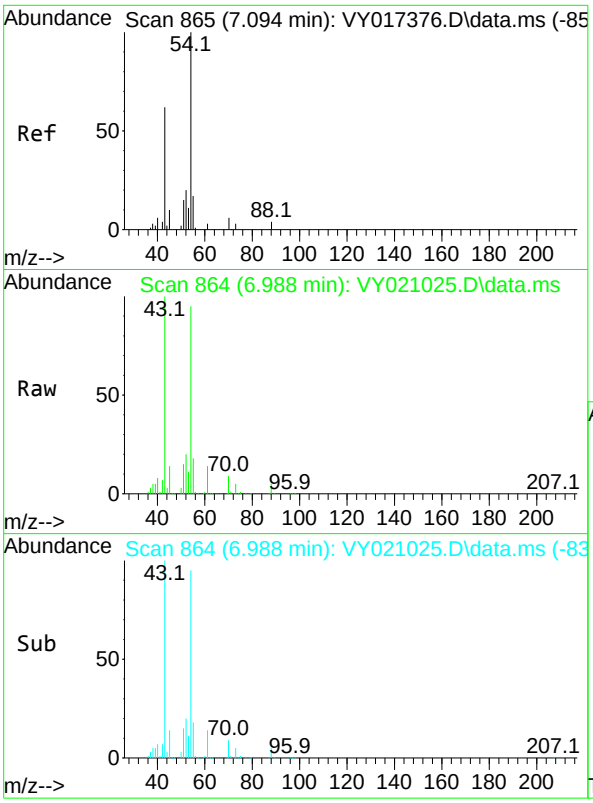


#36
1,1-Dichloropropene
Concen: 141.085 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.094 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 75 Resp: 423720

Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.4	52.3
77	31.4	24.7	37.1



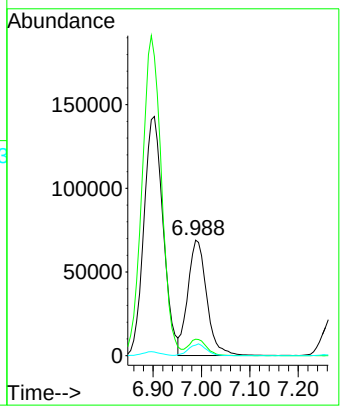


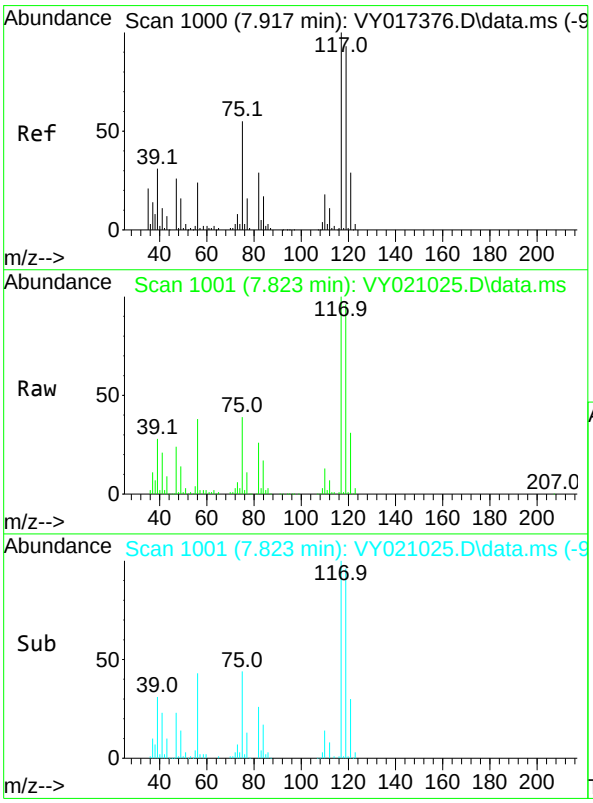
#37
Ethyl Acetate
Concen: 152.878 ug/l
RT: 6.988 min Scan# 8
Delta R.T. -0.106 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 186661

Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.0	16.6
70	9.6	8.1	12.1

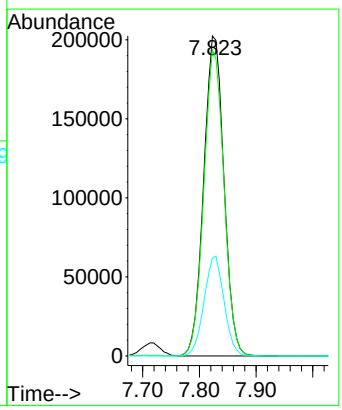


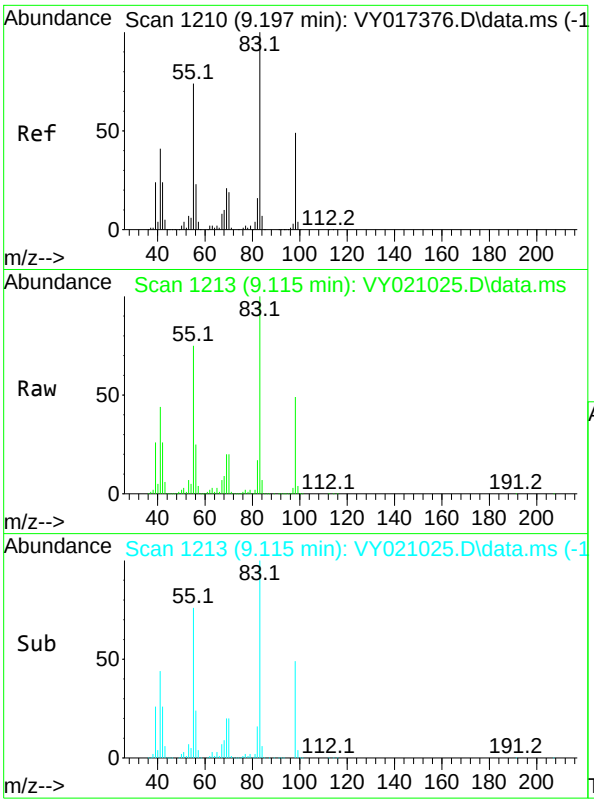


#38
Carbon Tetrachloride
Concen: 173.920 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.094 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:117 Resp: 501205

Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.0	114.0
121	30.6	24.2	36.2



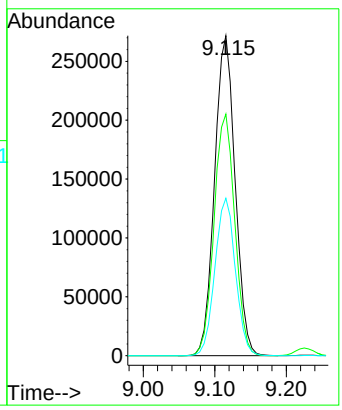


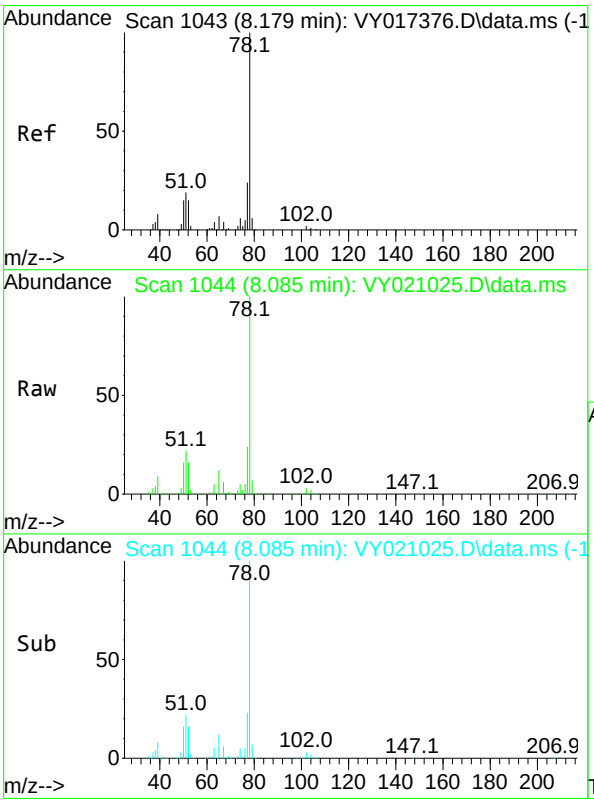
#39
Methylcyclohexane
Concen: 150.976 ug/l
RT: 9.115 min Scan# 1
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 542900

Ion	Ratio	Lower	Upper
83	100		
55	75.5	59.7	89.5
98	49.2	38.0	57.0

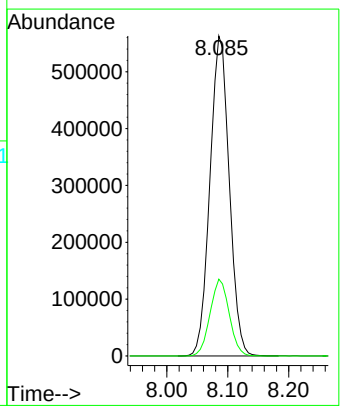


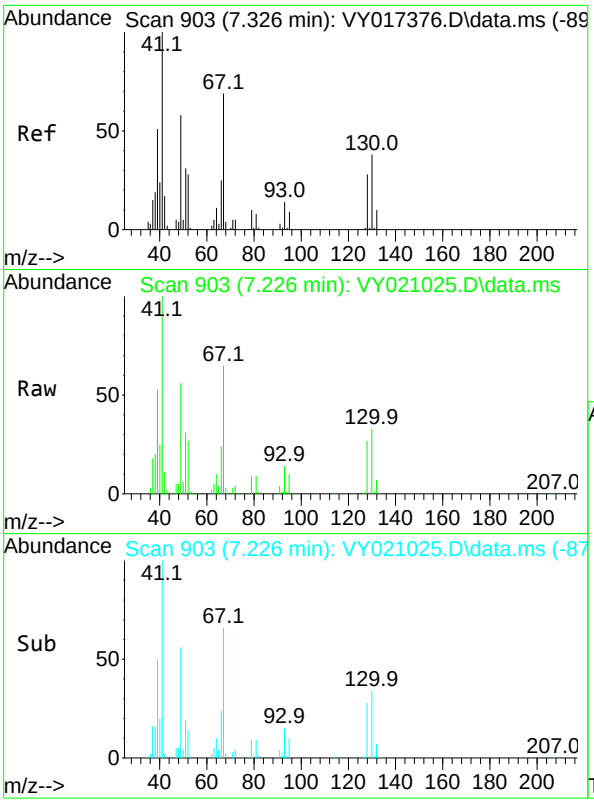


#40
Benzene
Concen: 147.276 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.094 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 78 Resp: 1239229

Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2



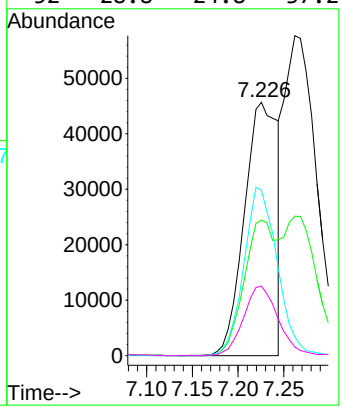


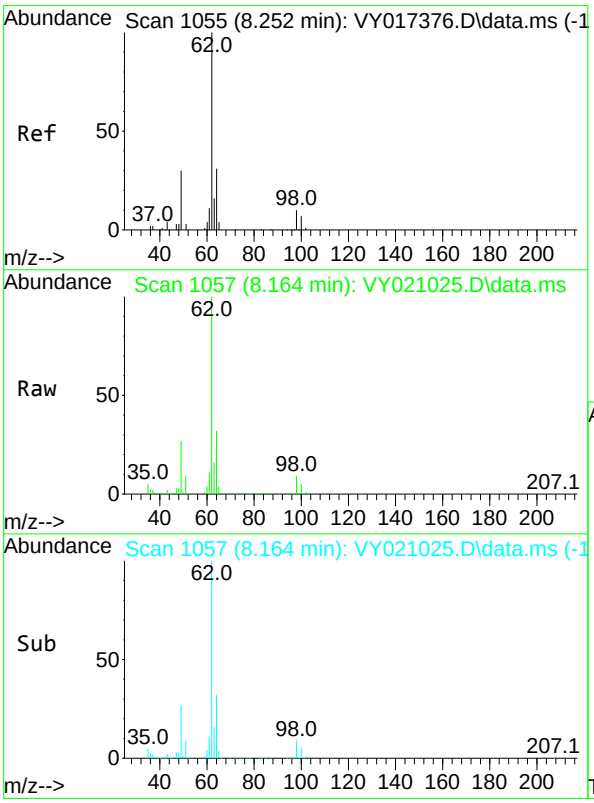
#41
Methacrylonitrile
Concen: 185.172 ug/l
RT: 7.226 min Scan# 9
Delta R.T. -0.100 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 41 Resp: 115234

Ion	Ratio	Lower	Upper
41	100		
39	52.7	41.9	62.9
67	67.4	59.8	89.6
52	28.8	24.8	37.2

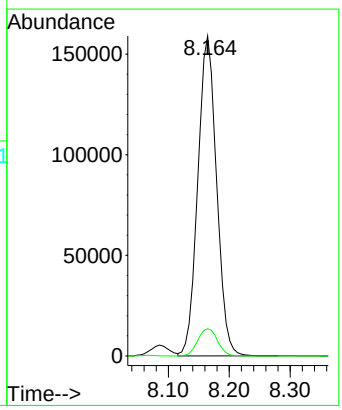


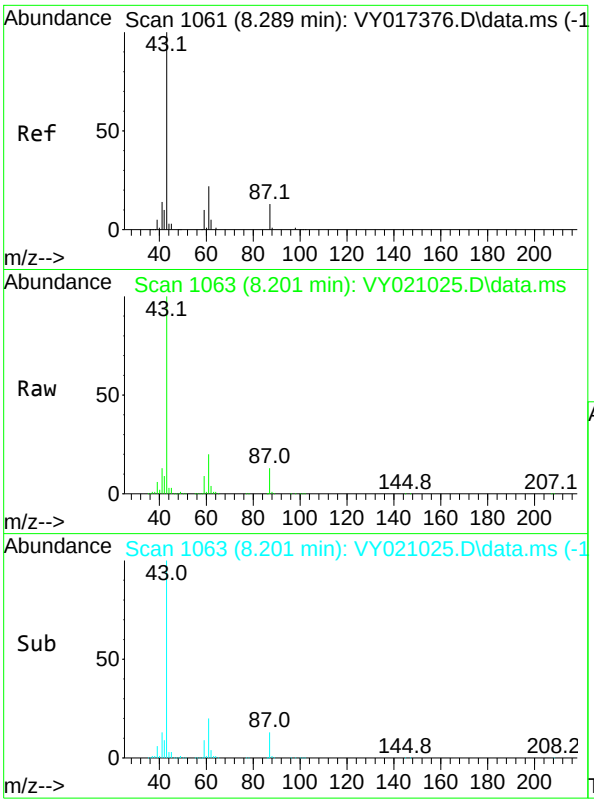


#42
1,2-Dichloroethane
Concen: 159.023 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.088 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 62 Resp: 340547

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	20.2



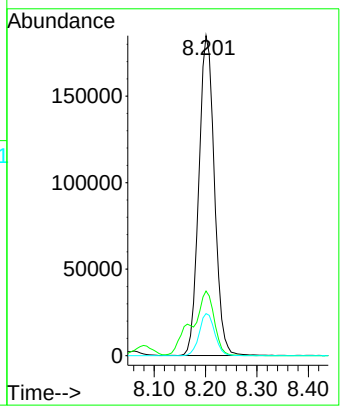


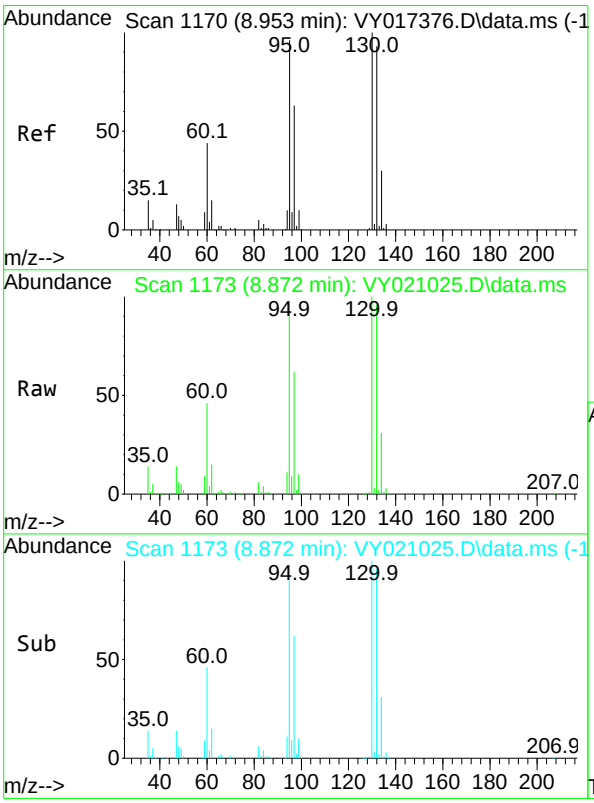
#43
Isopropyl Acetate
Concen: 177.842 ug/l
RT: 8.201 min Scan# 1
Delta R.T. -0.088 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 388966

Ion	Ratio	Lower	Upper
43	100		
61	20.0	24.8	37.2#
87	13.1	10.7	16.1

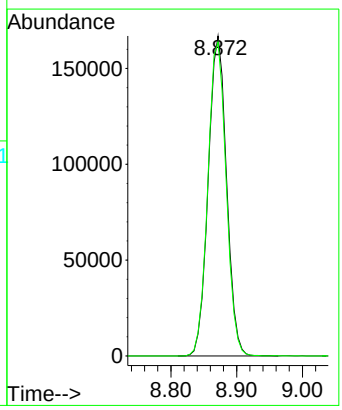


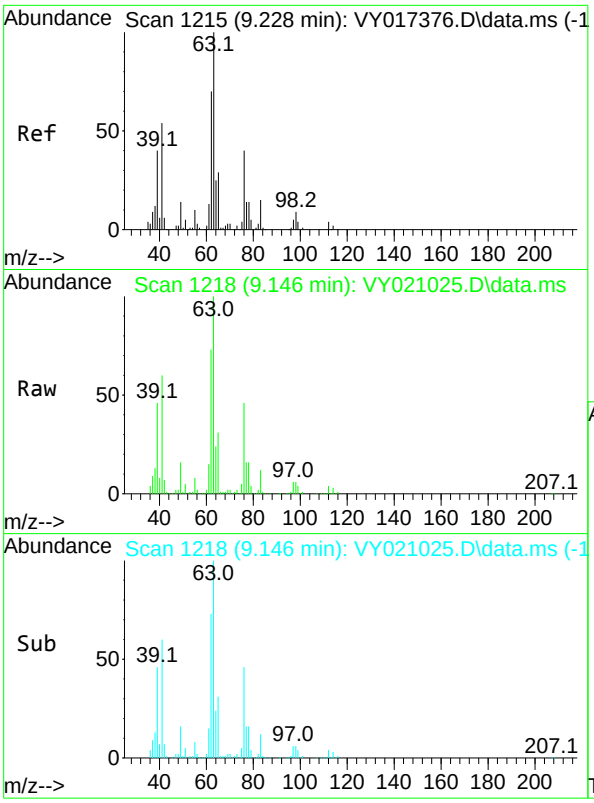


#44
Trichloroethene
Concen: 148.882 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:130 Resp: 323716

Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	203.8



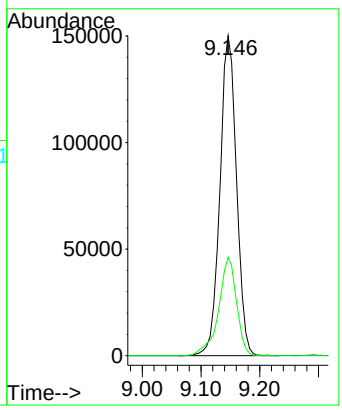


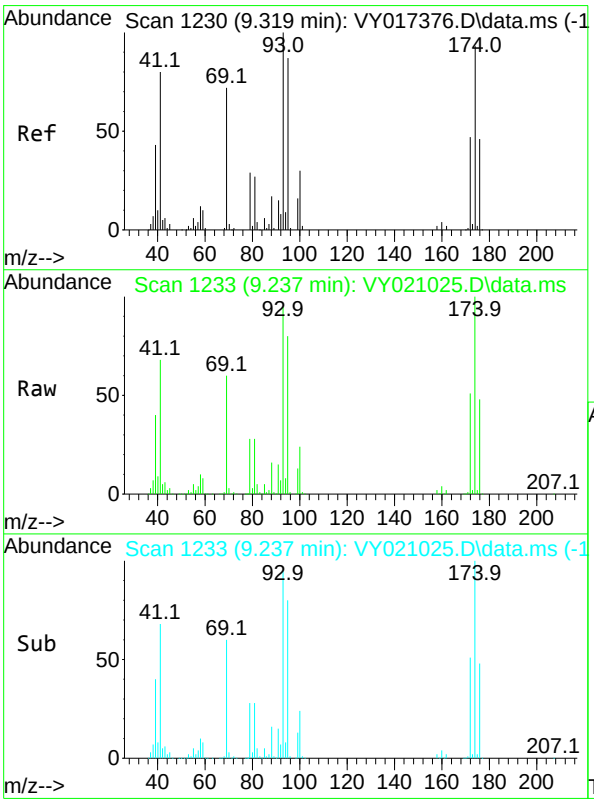
#45
1,2-Dichloropropane
Concen: 145.255 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 294150

Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.6	36.8

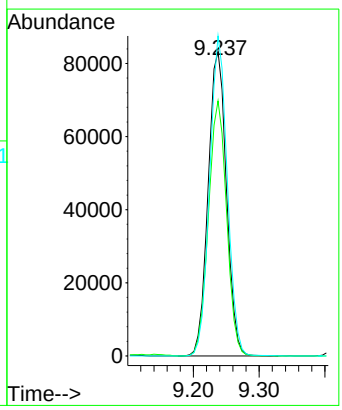


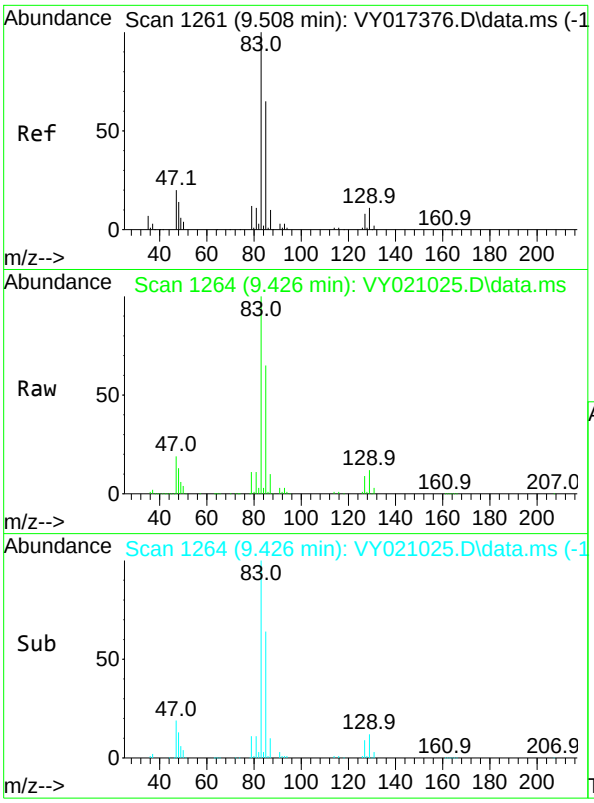


#46
Dibromomethane
Concen: 153.538 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 93 Resp: 161341

Ion	Ratio	Lower	Upper
93	100		
95	82.9	66.6	99.8
174	101.4	73.8	110.6



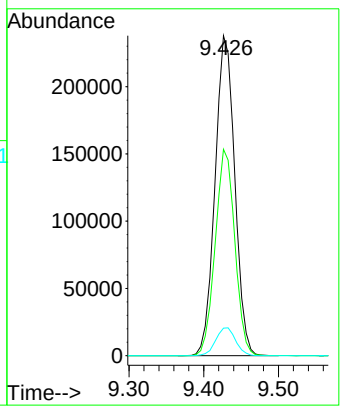


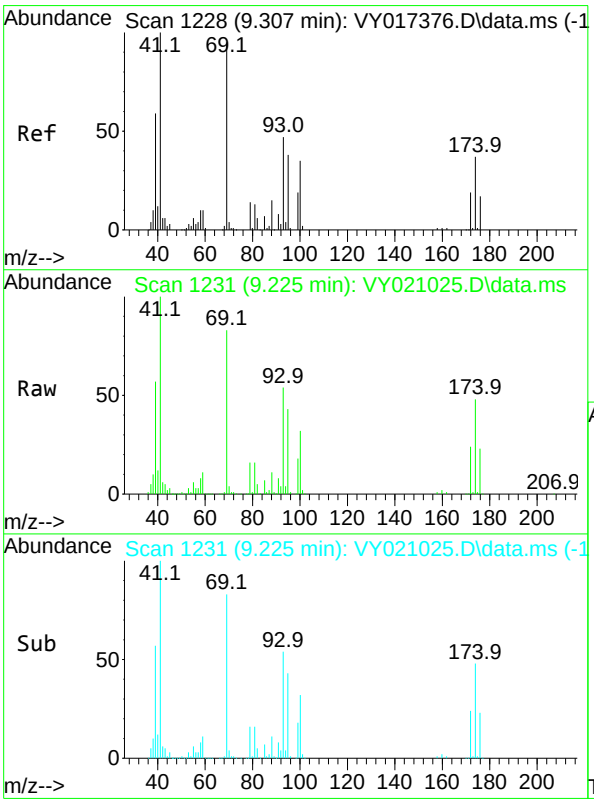
#47
Bromodichloromethane
Concen: 161.734 ug/l
RT: 9.426 min Scan# 1
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 437119

Ion	Ratio	Lower	Upper
83	100		
85	64.5	53.2	79.8
127	8.6	6.4	9.6

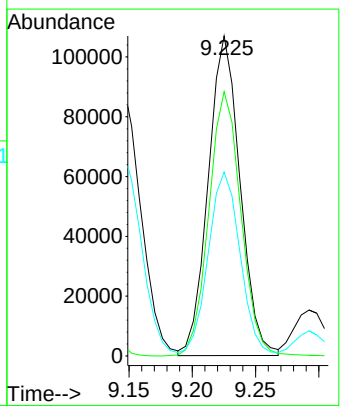


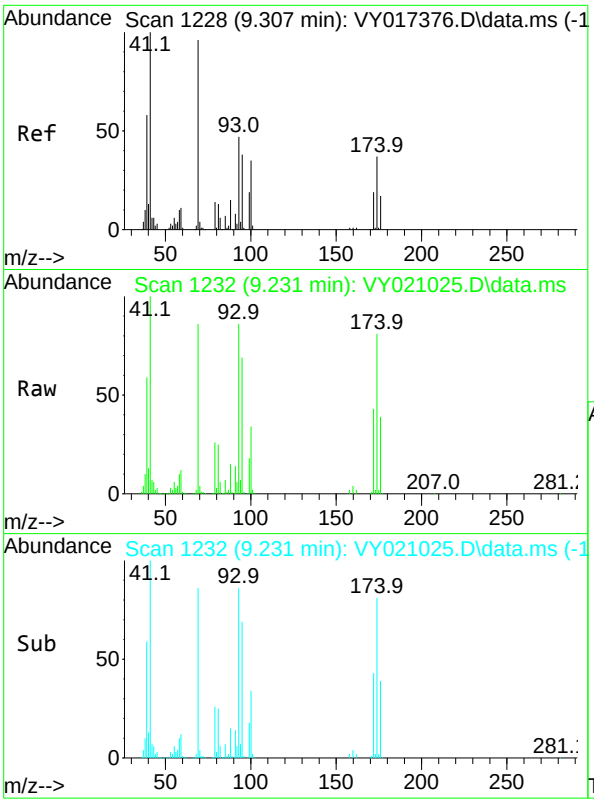


#48
Methyl methacrylate
Concen: 162.199 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 41 Resp: 187040

Ion	Ratio	Lower	Upper
41	100		
69	83.4	72.1	108.1
39	55.8	42.8	64.2



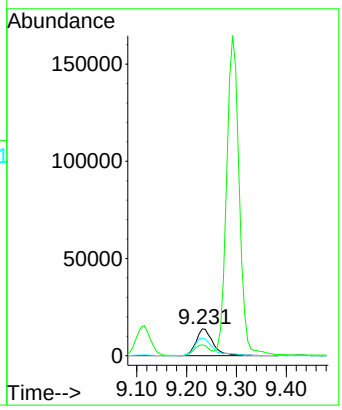


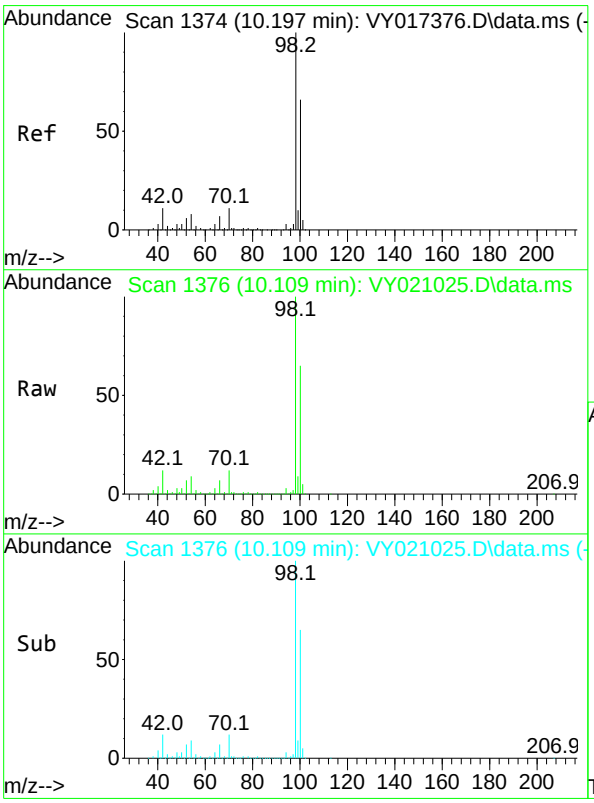
#49
1,4-Dioxane
Concen: 3020.404 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.076 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 88 Resp: 32704

Ion	Ratio	Lower	Upper
88	100		
43	36.2	28.2	42.4
58	72.3	52.2	78.2

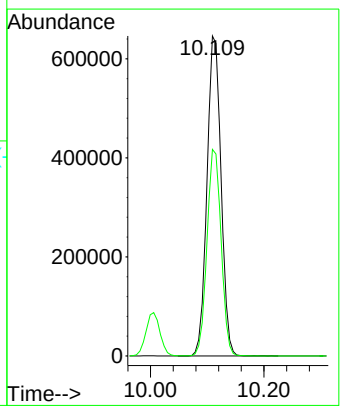


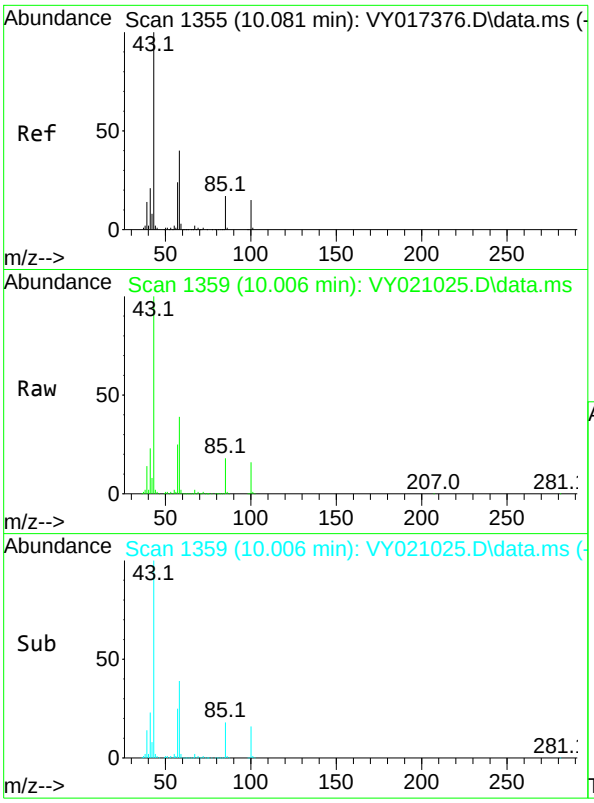


#50
Toluene-d8
Concen: 156.398 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.088 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 98 Resp: 1111573

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.3	78.5



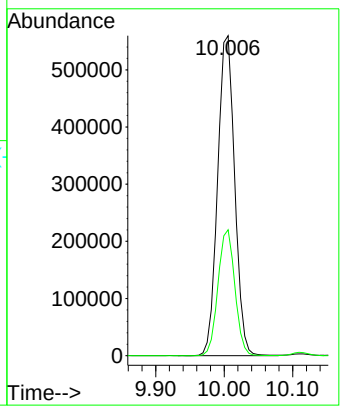


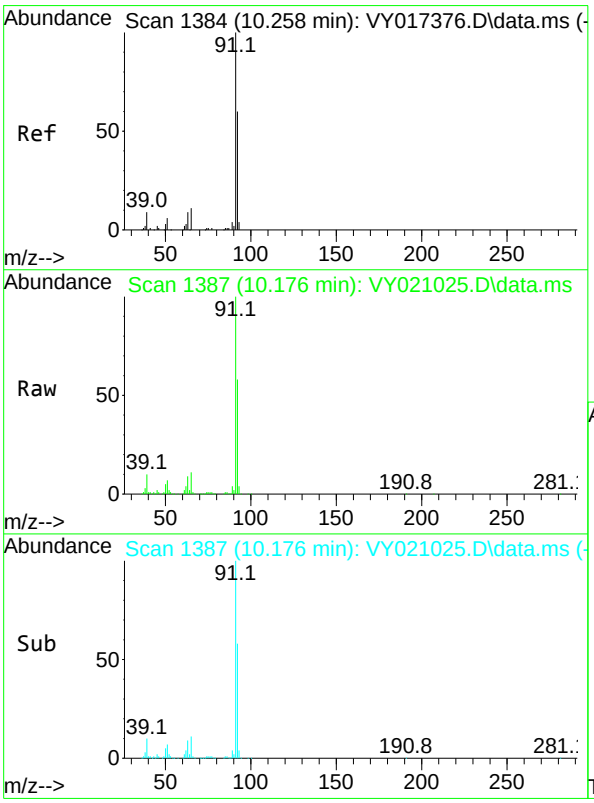
#51
4-Methyl-2-Pentanone
Concen: 812.473 ug/l
RT: 10.006 min Scan# 1
Delta R.T. -0.076 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 965506

Ion	Ratio	Lower	Upper
43	100		
58	38.9	32.2	48.2

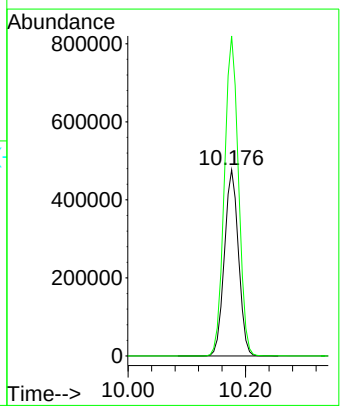


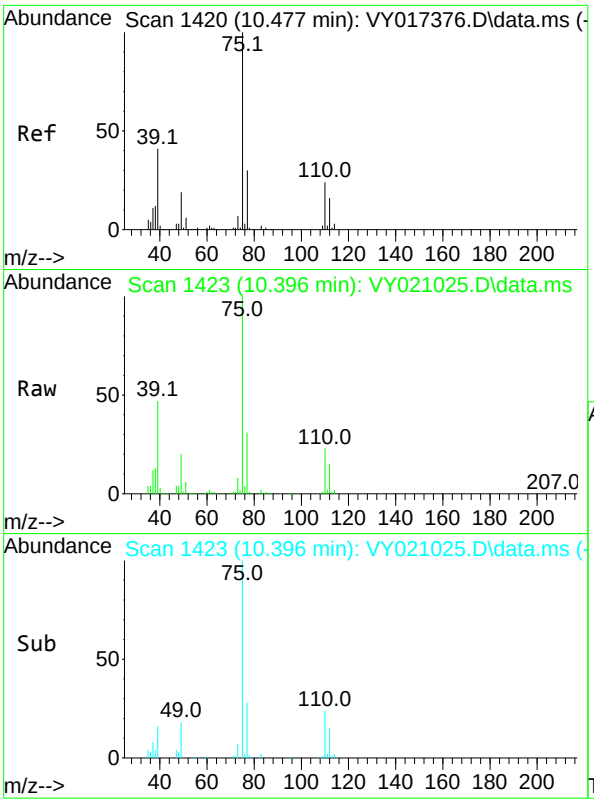


#52
Toluene
Concen: 154.914 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 92 Resp: 792134

Ion	Ratio	Lower	Upper
92	100		
91	172.3	137.6	206.4



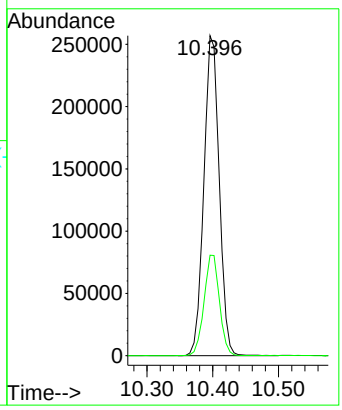


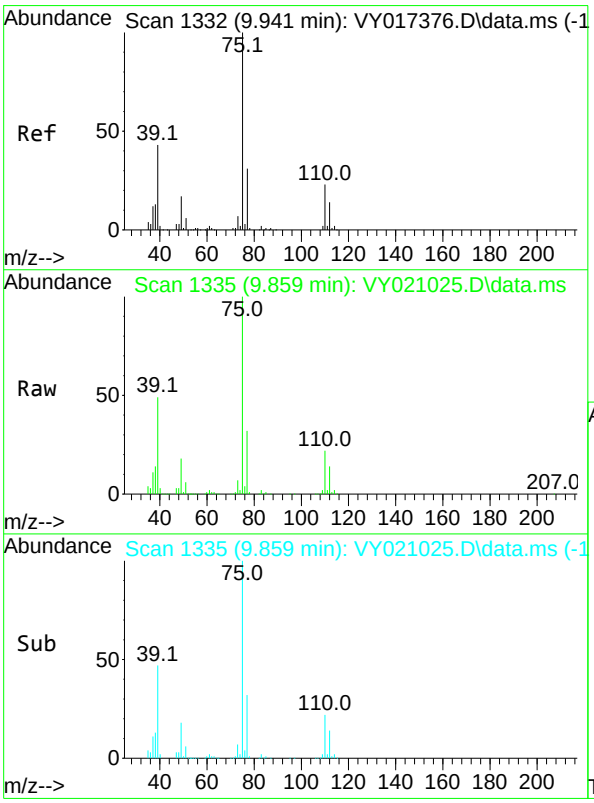
#53
t-1,3-Dichloropropene
Concen: 166.490 ug/l
RT: 10.396 min Scan# 14
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 416872

Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.6	36.8

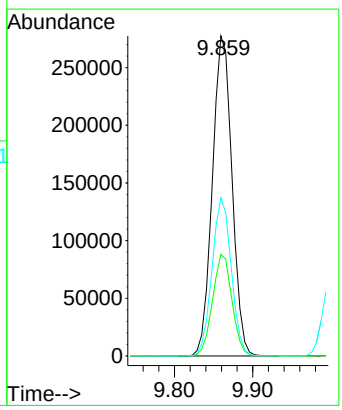


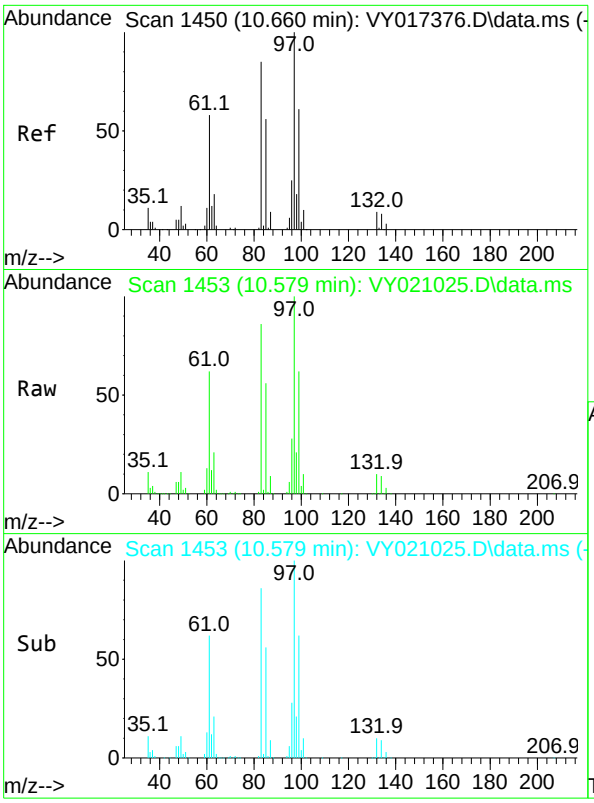


#54
cis-1,3-Dichloropropene
Concen: 157.719 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 75 Resp: 483429

Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.6	36.8
39	49.4	33.6	50.4



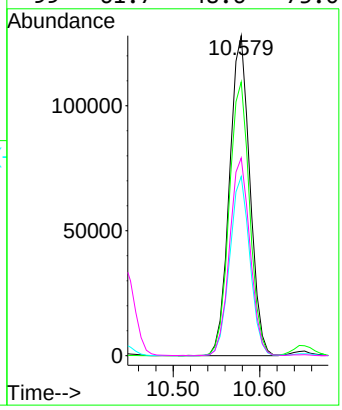


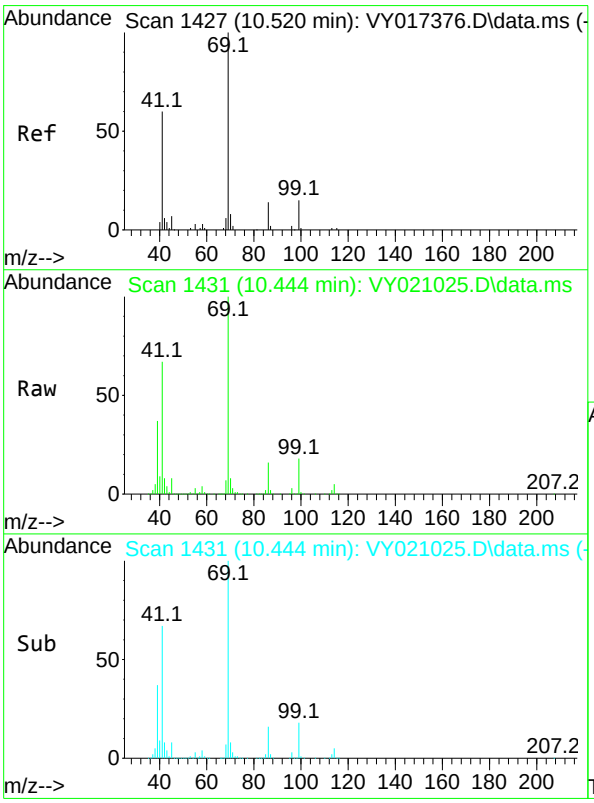
#55
1,1,2-Trichloroethane
Concen: 145.030 ug/l
RT: 10.579 min Scan# 14
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 97 Resp: 209006

Ion	Ratio	Lower	Upper
97	100		
83	85.6	69.4	104.2
85	56.0	43.9	65.9
99	61.7	48.6	73.0

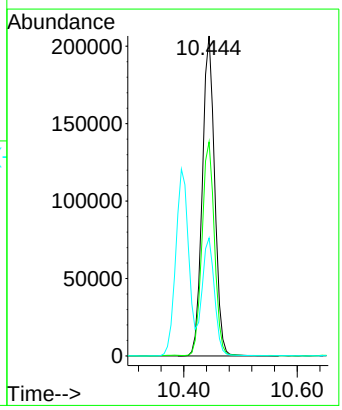


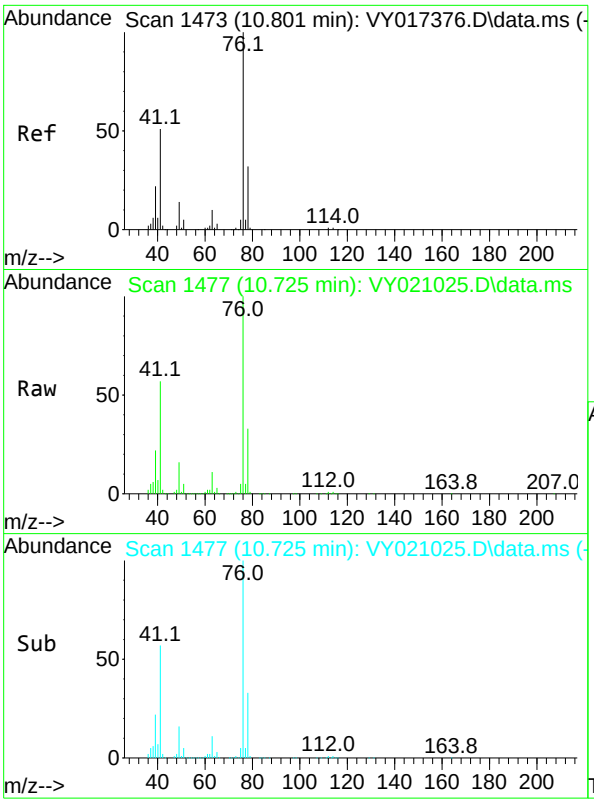


#56
Ethyl methacrylate
Concen: 213.398 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.076 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 69 Resp: 313458

Ion	Ratio	Lower	Upper
69	100		
41	67.0	49.2	73.8
39	37.0	26.8	40.2



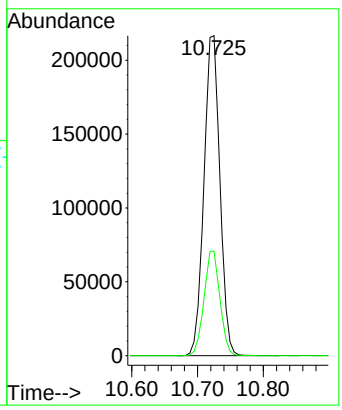


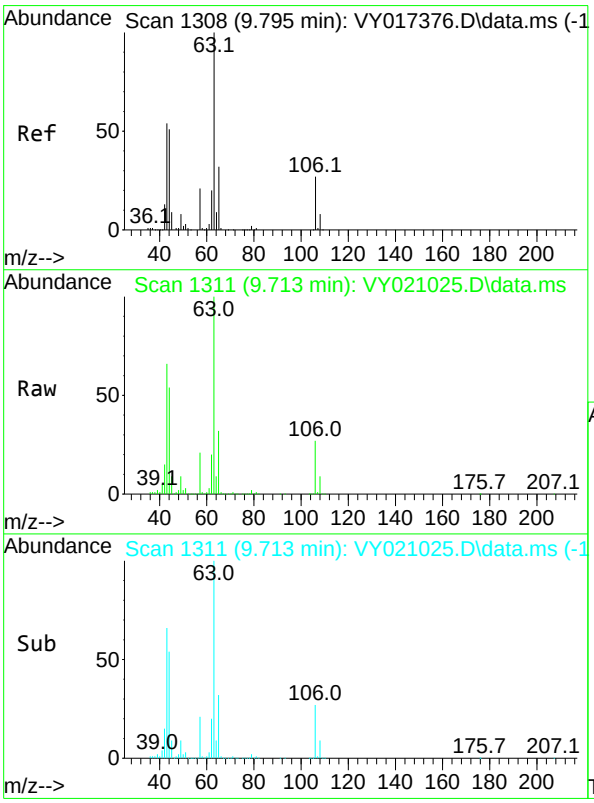
#57
1,3-Dichloropropane
Concen: 147.276 ug/l
RT: 10.725 min Scan# 14
Delta R.T. -0.076 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 365553

Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.1	39.1

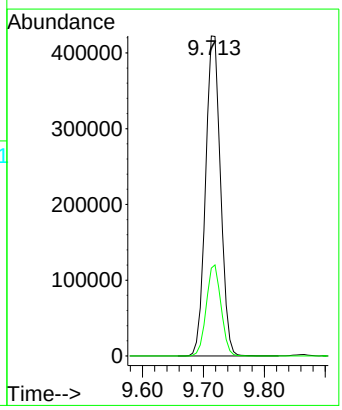


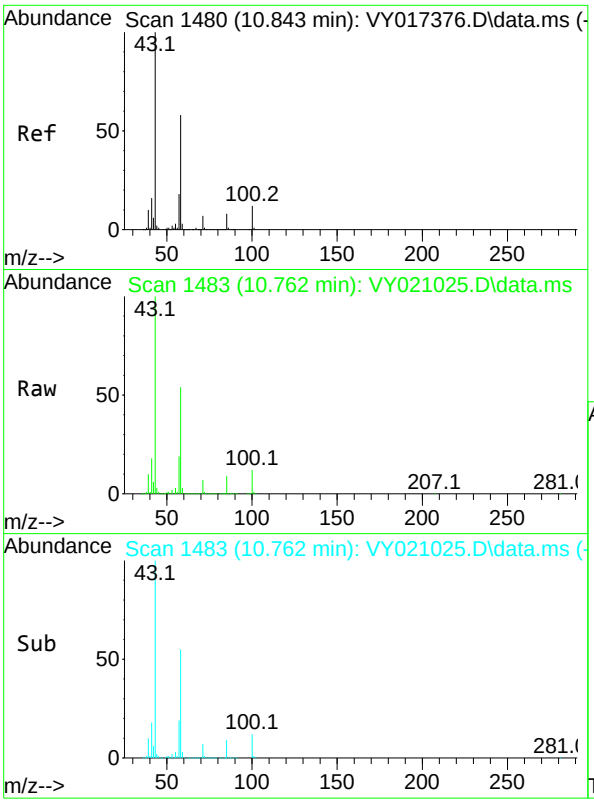


#58
2-Chloroethyl Vinyl ether
Concen: 766.301 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 63 Resp: 721923

Ion	Ratio	Lower	Upper
63	100		
106	28.0	22.4	33.6



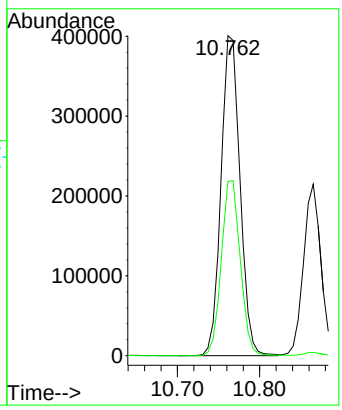


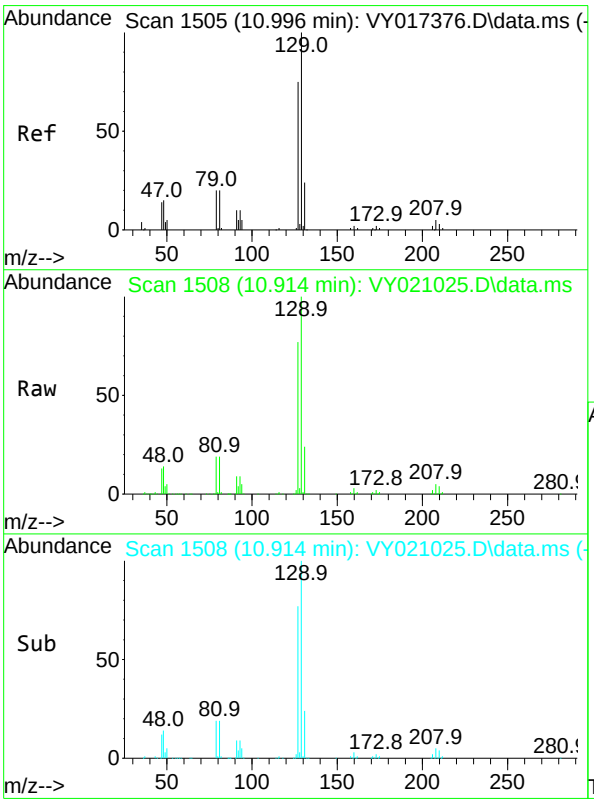
#59
2-Hexanone
Concen: 752.306 ug/l
RT: 10.762 min Scan# 14
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 642448

Ion	Ratio	Lower	Upper
43	100		
58	54.6	28.1	84.3

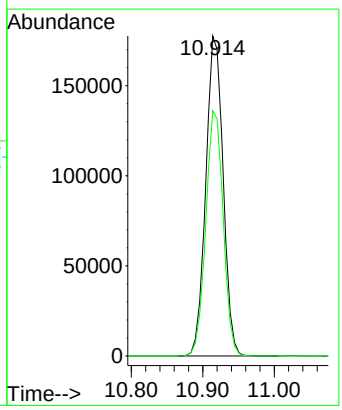


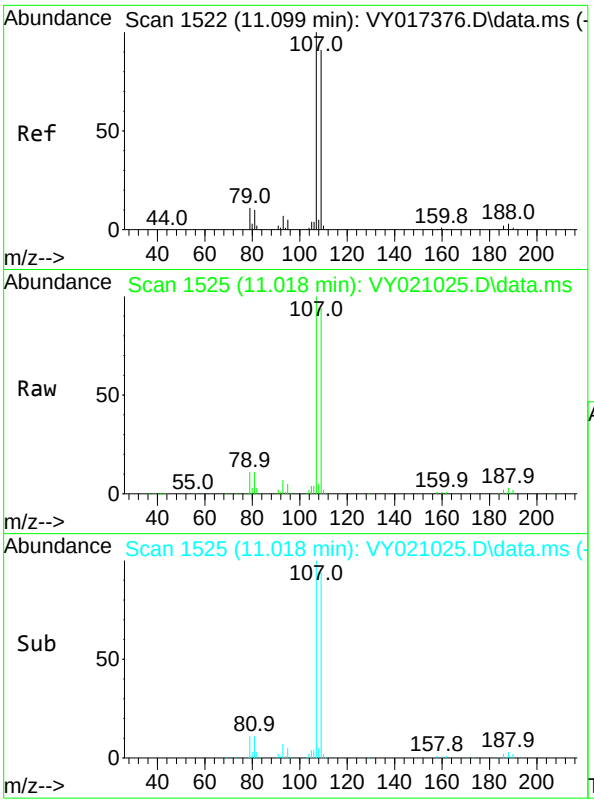


#60
Dibromochloromethane
Concen: 178.499 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:129 Resp: 298751

Ion	Ratio	Lower	Upper
129	100		
127	76.9	39.2	117.6



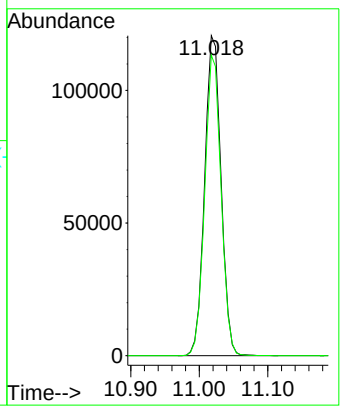


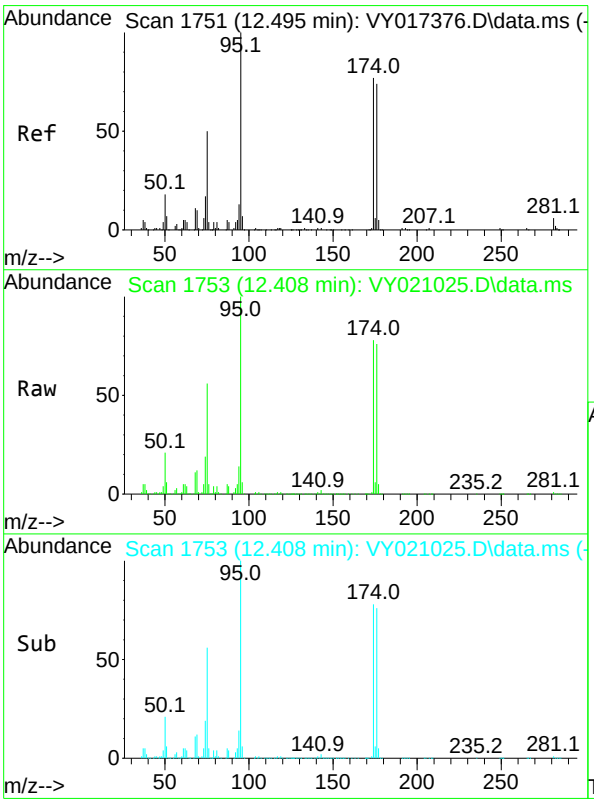
#61
1,2-Dibromoethane
Concen: 151.965 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:107 Resp: 200840

Ion	Ratio	Lower	Upper
107	100		
109	93.5	75.4	113.2

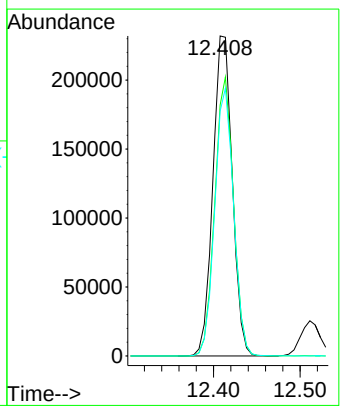


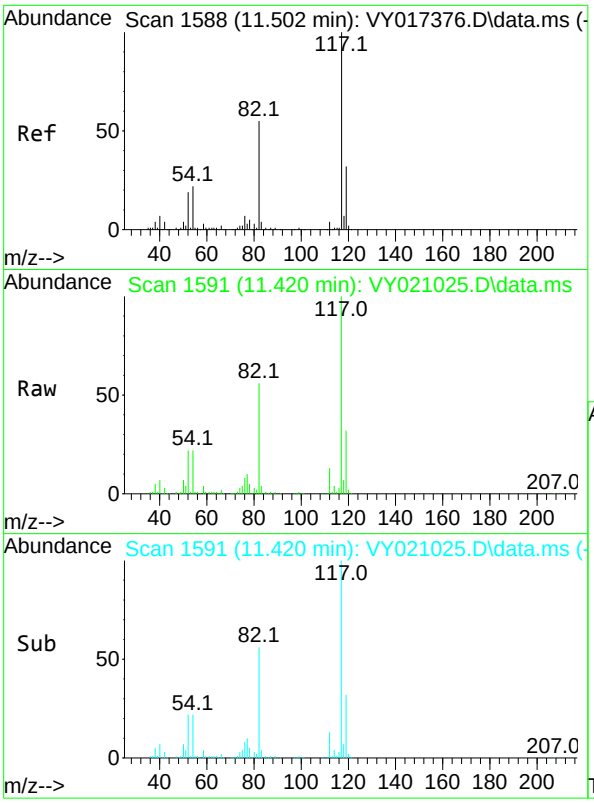


#62
4-Bromofluorobenzene
Concen: 165.389 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.088 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 95 Resp: 360358

Ion	Ratio	Lower	Upper
95	100		
174	84.2	0.0	160.0
176	81.4	0.0	151.8



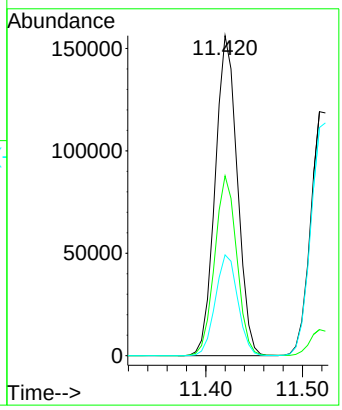


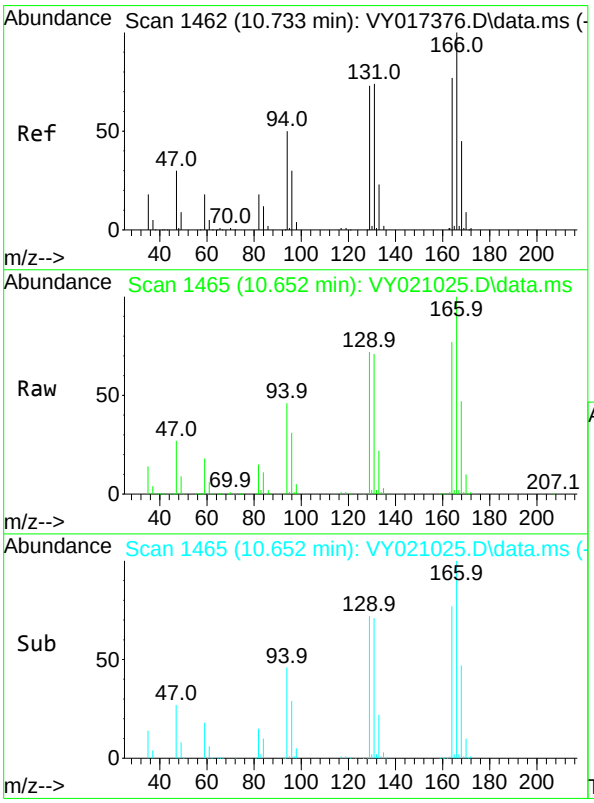
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:117 Resp: 248527

Ion	Ratio	Lower	Upper
117	100		
82	56.2	43.8	65.8
119	31.5	26.5	39.7

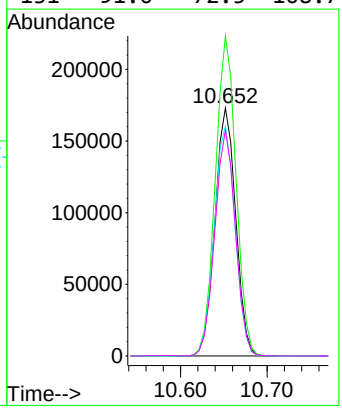


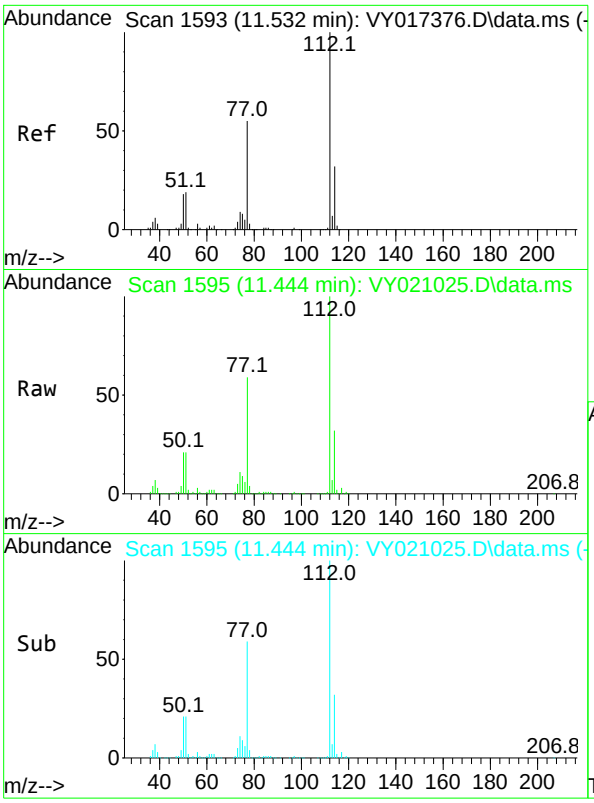


#64
Tetrachloroethene
Concen: 157.146 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:164 Resp: 288752

Ion	Ratio	Lower	Upper
164	100		
166	129.1	98.8	148.2
129	92.8	78.9	118.3
131	91.0	72.5	108.7



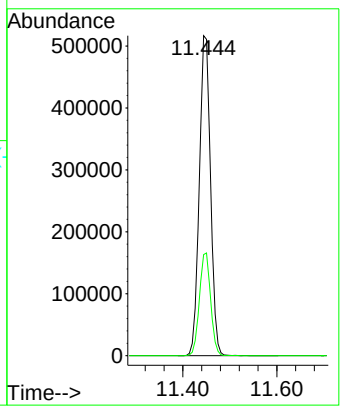


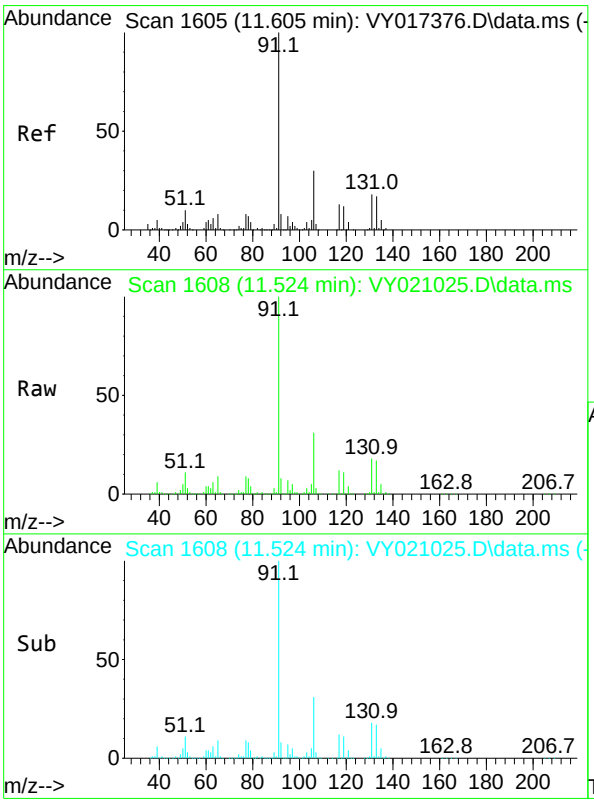
#65
Chlorobenzene
Concen: 162.172 ug/l
RT: 11.444 min Scan# 1
Delta R.T. -0.088 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:112 Resp: 854481

Ion	Ratio	Lower	Upper
112	100		
114	31.6	26.1	39.1

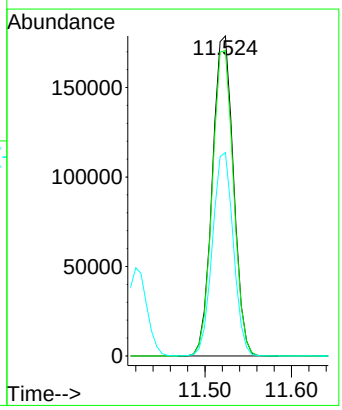


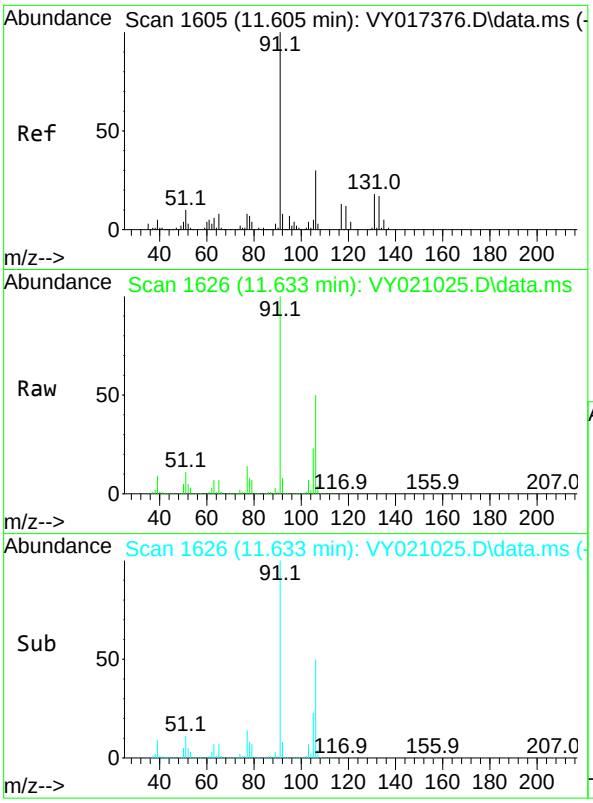


#66
1,1,1,2-Tetrachloroethane
Concen: 159.965 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:131 Resp: 303176

Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.0	141.0
119	62.8	33.3	99.9



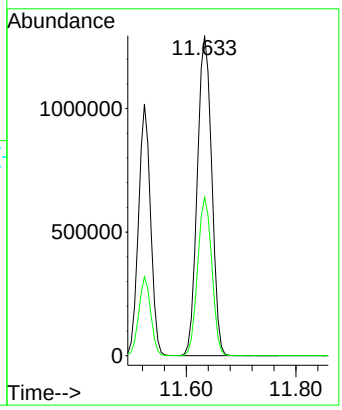


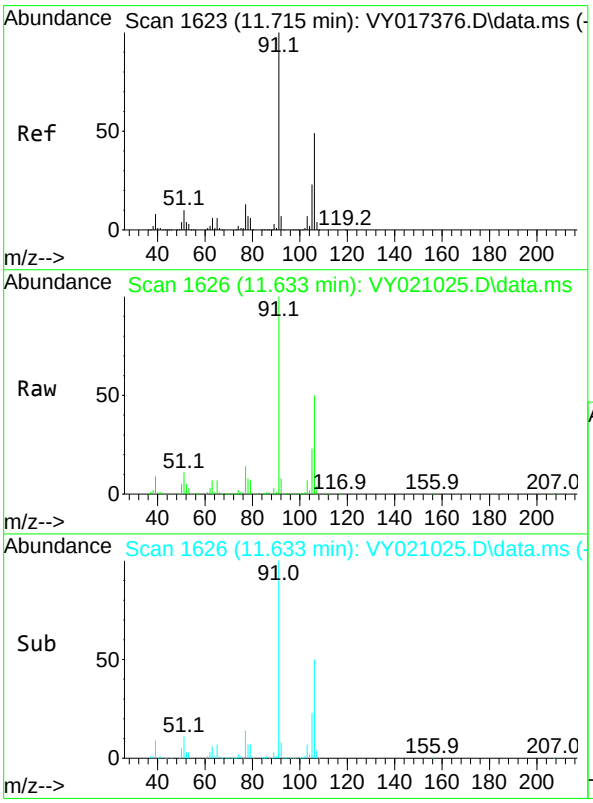
#67
Ethyl Benzene
Concen: 243.252 ug/l
RT: 11.633 min Scan# 1
Delta R.T. 0.028 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 2360814

Ion	Ratio	Lower	Upper
91	100		
106	49.5	25.0	37.4#

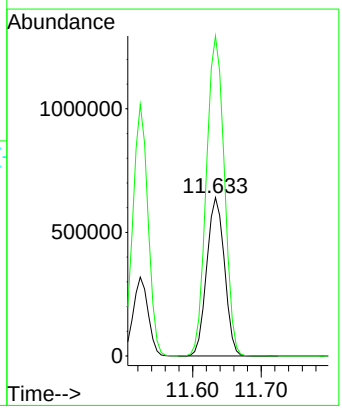


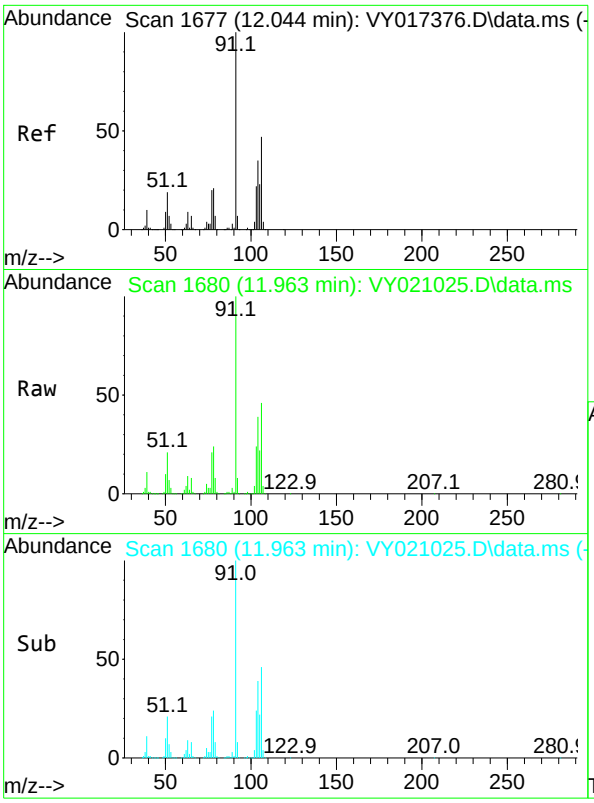


#68
m/p-Xylenes
Concen: 314.940 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:106 Resp: 1152452

Ion	Ratio	Lower	Upper
106	100		
91	204.9	160.7	241.1



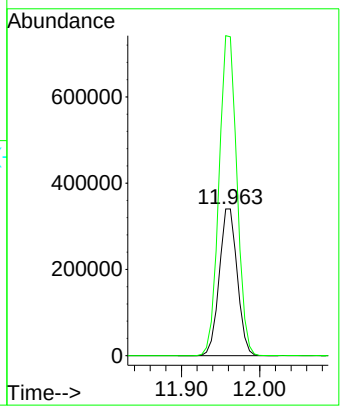


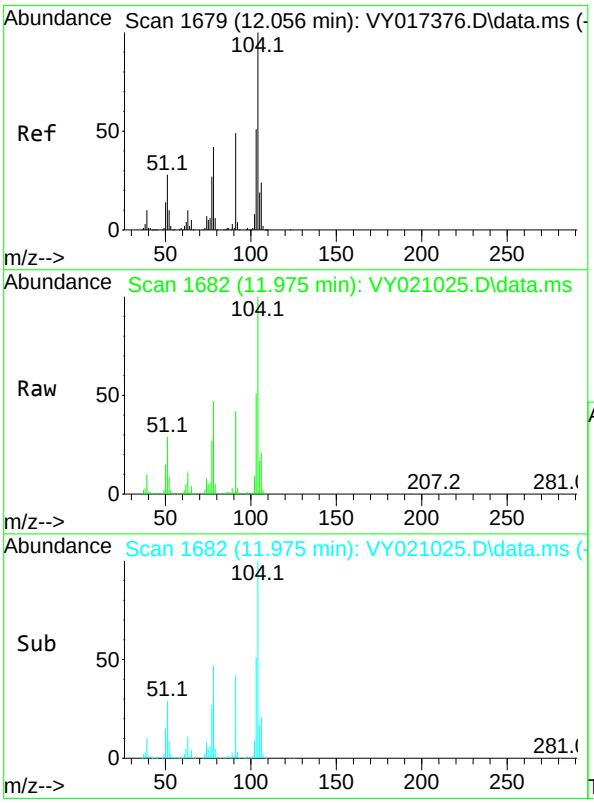
#69
o-Xylene
Concen: 164.162 ug/l
RT: 11.963 min Scan# 1
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 543425

Ion	Ratio	Lower	Upper
106	100		
91	217.3	106.5	319.5

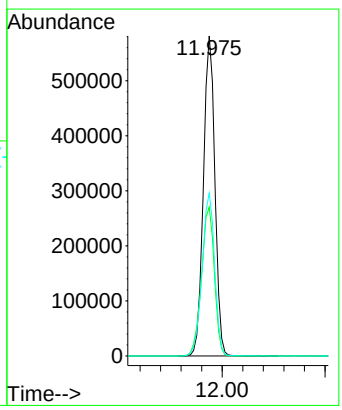


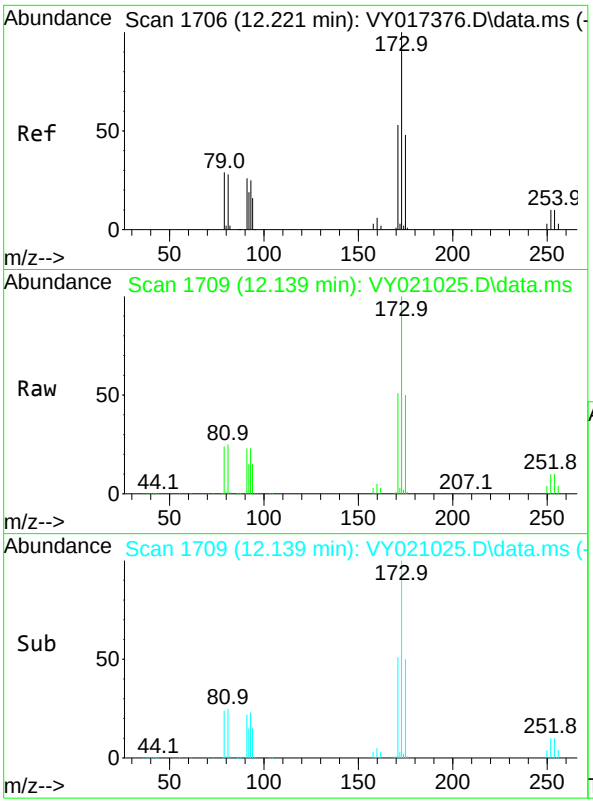


#70
Styrene
Concen: 177.408 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:104 Resp: 900989

Ion	Ratio	Lower	Upper
104	100		
78	52.1	39.2	58.8
103	55.3	43.8	65.6



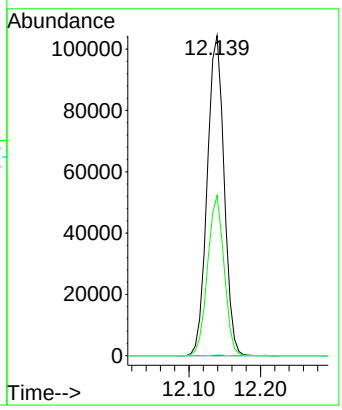


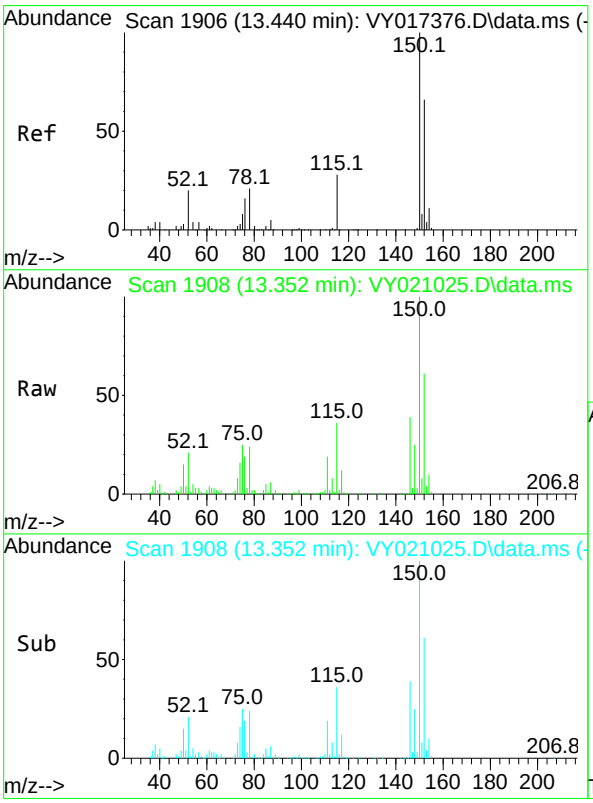
#71
Bromoform
Concen: 186.022 ug/l
RT: 12.139 min Scan# 1
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:173 Resp: 170929

Ion	Ratio	Lower	Upper
173	100		
175	48.9	23.5	70.6
254	0.1	0.0	0.0#

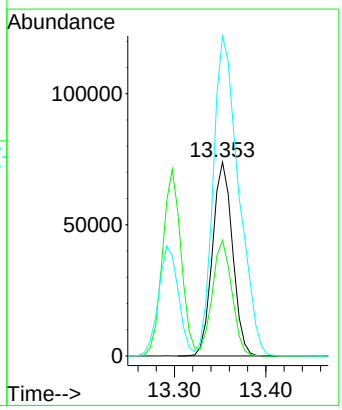


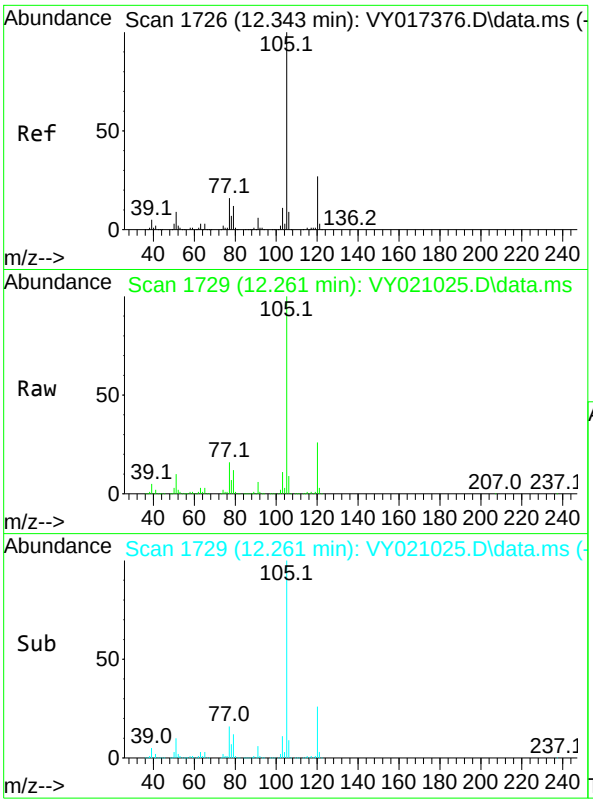


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.088 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:152 Resp: 112575

Ion	Ratio	Lower	Upper
152	100		
115	57.8	30.0	90.0
150	210.4	0.0	344.6



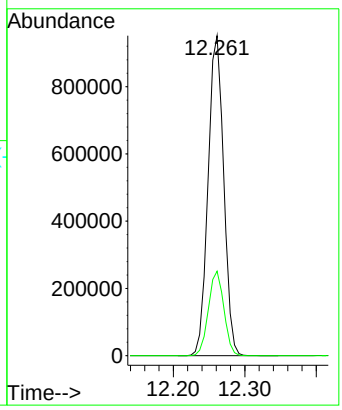


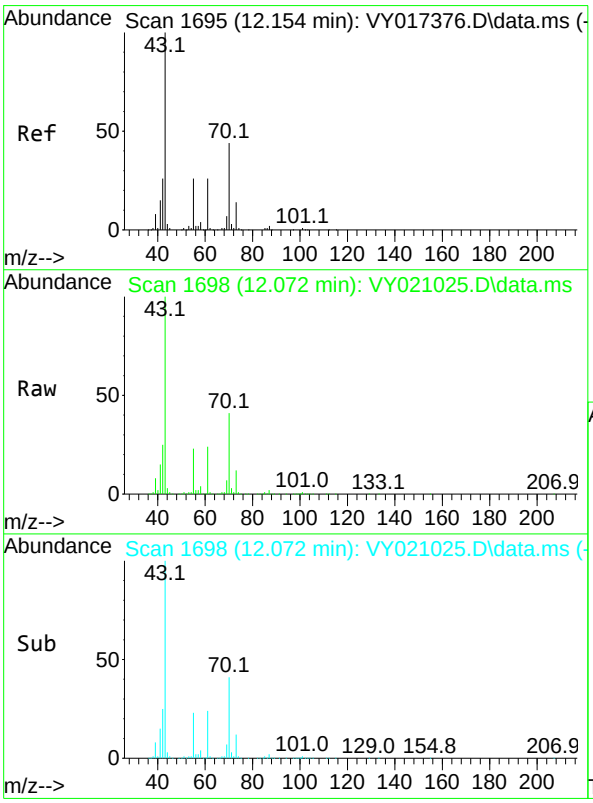
#73
Isopropylbenzene
Concen: 153.455 ug/l
RT: 12.261 min Scan# 1
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 1439642

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.0	39.0

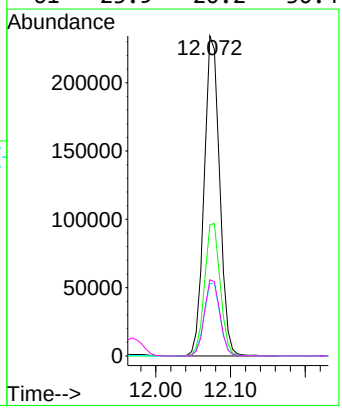


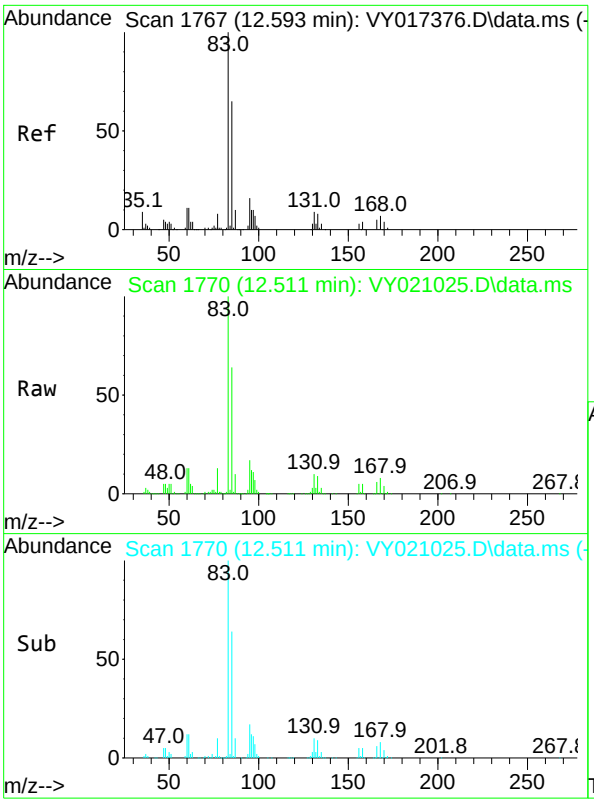


#74
N-amyl acetate
Concen: 181.987 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 43 Resp: 337562

Ion	Ratio	Lower	Upper
43	100		
70	41.9	36.6	55.0
55	23.4	22.2	33.4
61	23.9	20.2	30.4



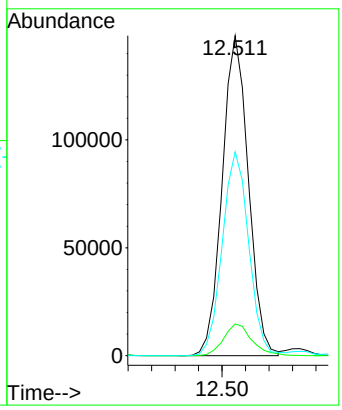


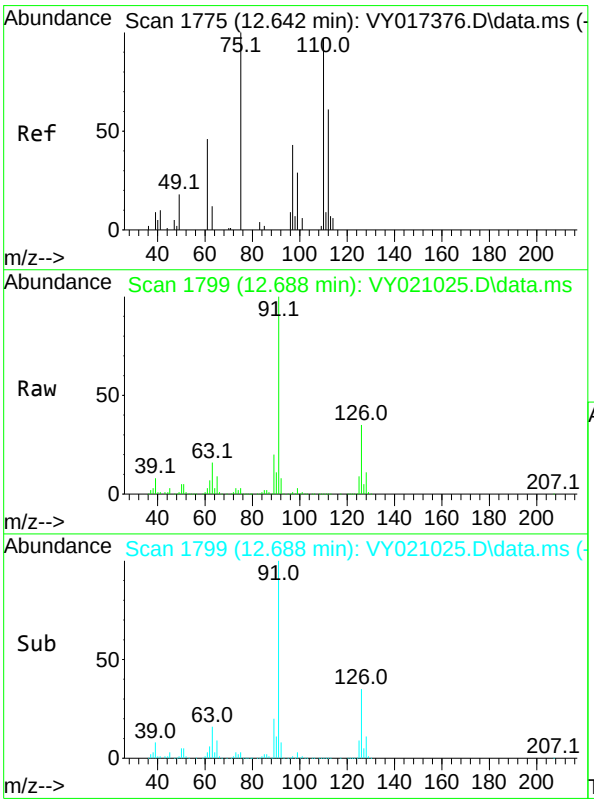
#75
1,1,2,2-Tetrachloroethane
Concen: 136.546 ug/l
RT: 12.511 min Scan# 1
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 229575

Ion	Ratio	Lower	Upper
83	100		
131	10.7	4.9	14.6
85	64.5	32.6	98.0

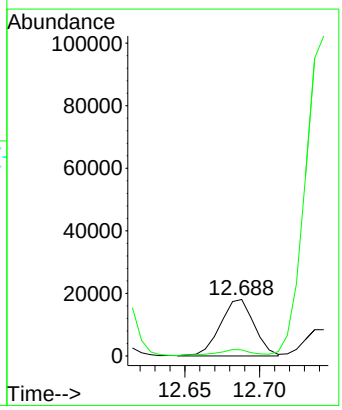


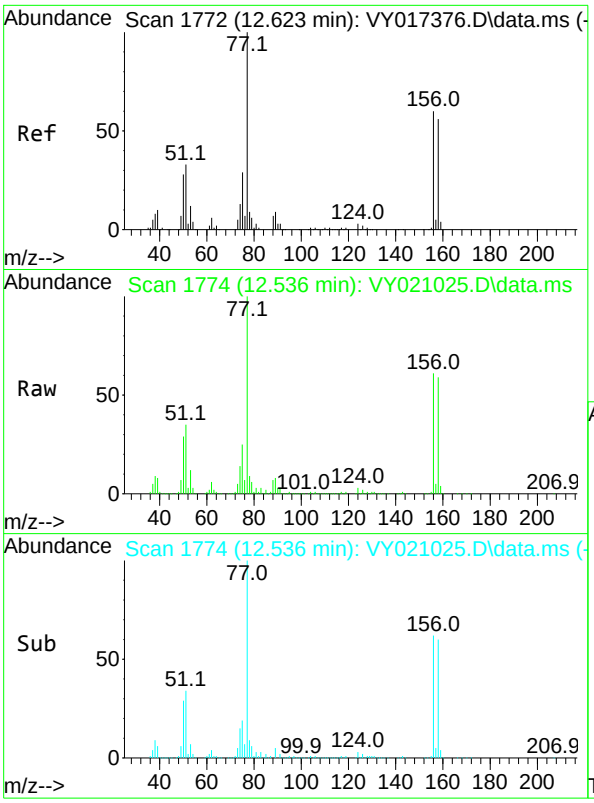


#76
1,2,3-Trichloropropane
Concen: 25.245 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. 0.046 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 75 Resp: 28402

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



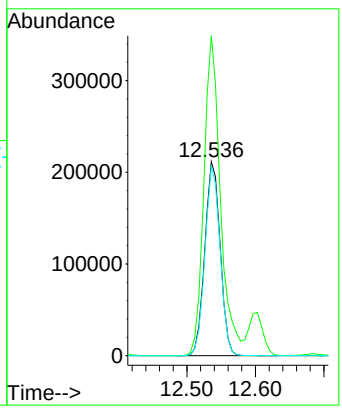


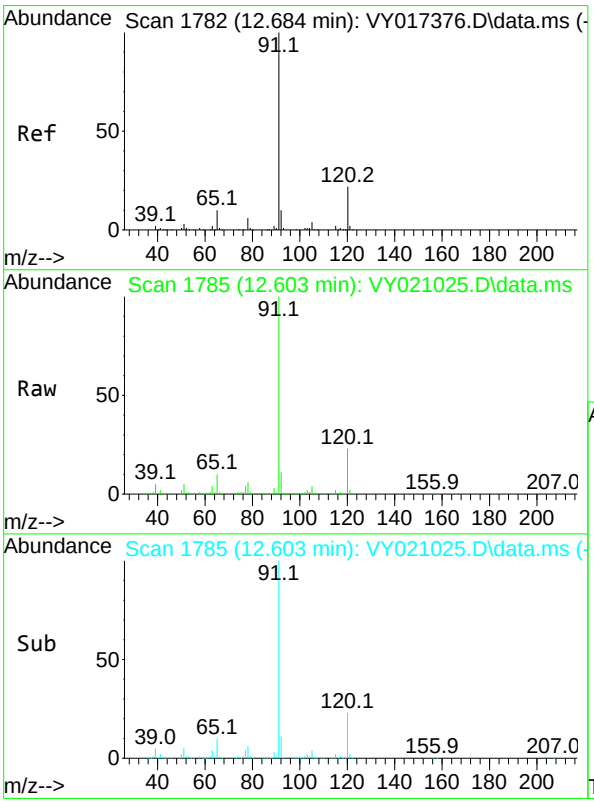
#77
Bromobenzene
Concen: 167.148 ug/l
RT: 12.536 min Scan# 1
Delta R.T. -0.088 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:156 Resp: 330230

Ion	Ratio	Lower	Upper
156	100		
77	177.0	97.3	291.8
158	96.2	48.4	145.0

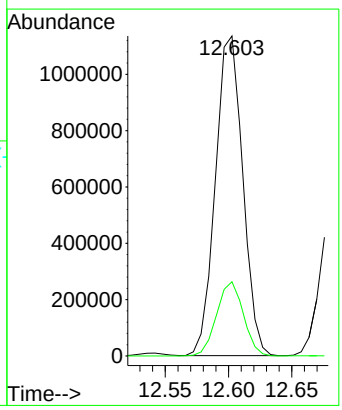


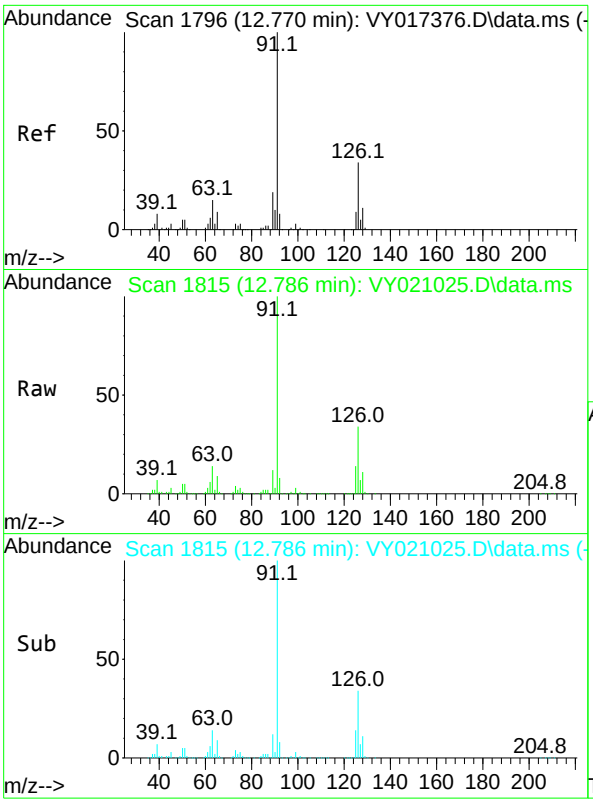


#78
n-propylbenzene
Concen: 147.779 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 91 Resp: 1706799

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.0	33.0



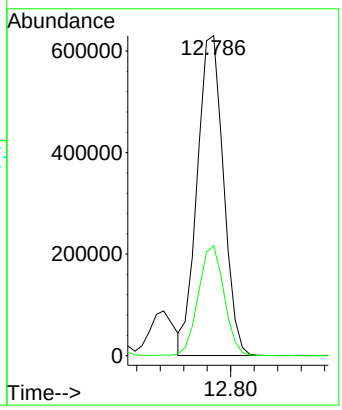


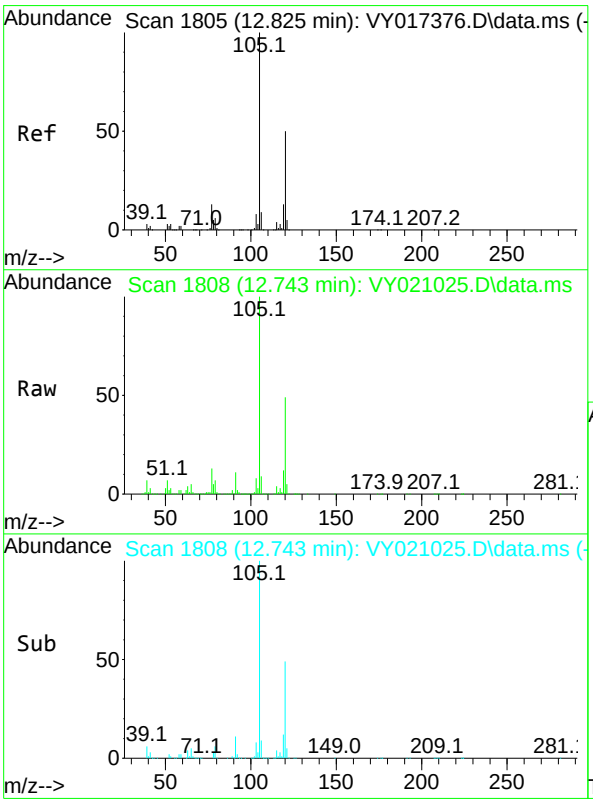
#79
2-Chlorotoluene
Concen: 154.410 ug/l
RT: 12.786 min Scan# 1
Delta R.T. 0.016 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 973177

Ion	Ratio	Lower	Upper
91	100		
126	33.8	17.0	51.0

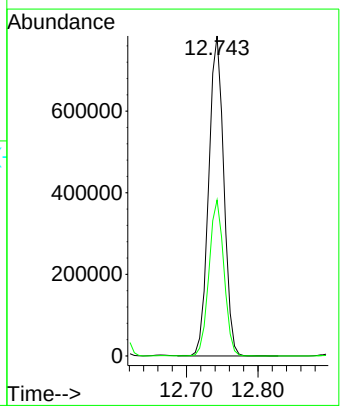


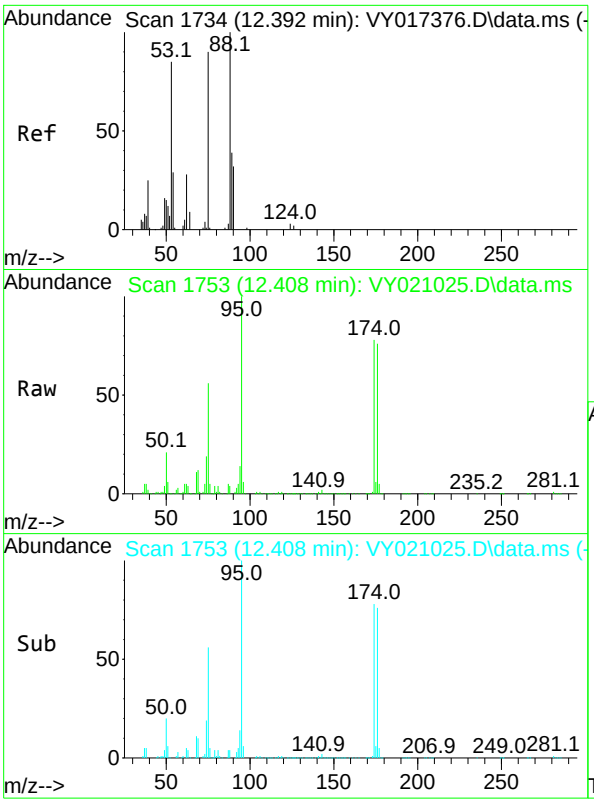


#80
1,3,5-Trimethylbenzene
Concen: 155.522 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:105 Resp: 1146647

Ion	Ratio	Lower	Upper
105	100		
120	48.3	24.3	72.8



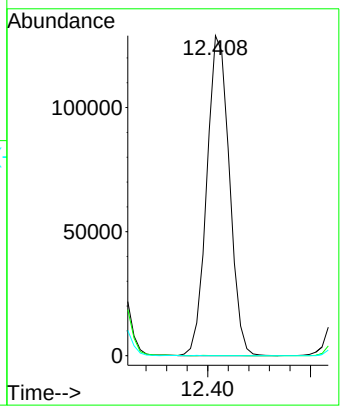


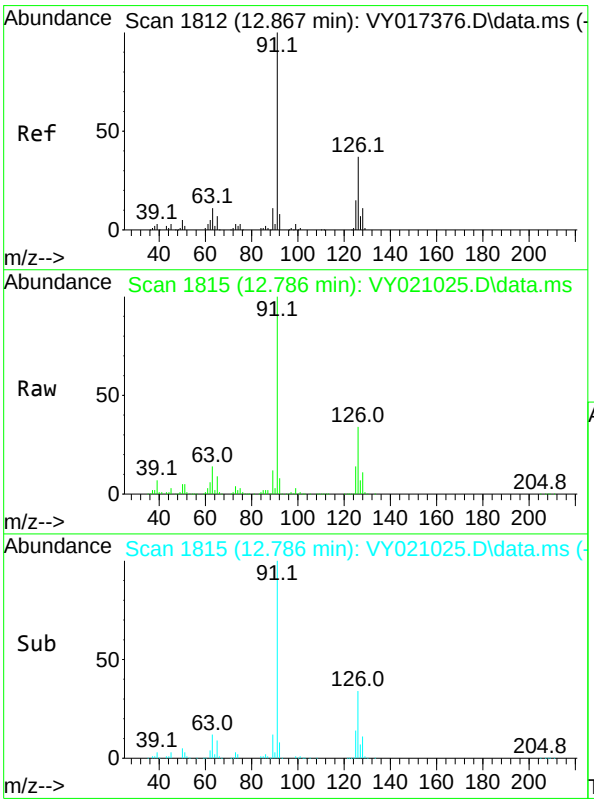
#81
trans-1,4-Dichloro-2-butene
Concen: 386.798 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.016 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 196534

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.0	111.0#
89	0.0	36.5	54.7#

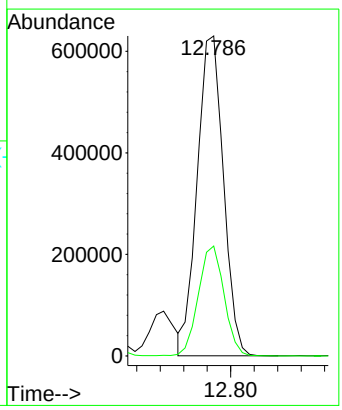


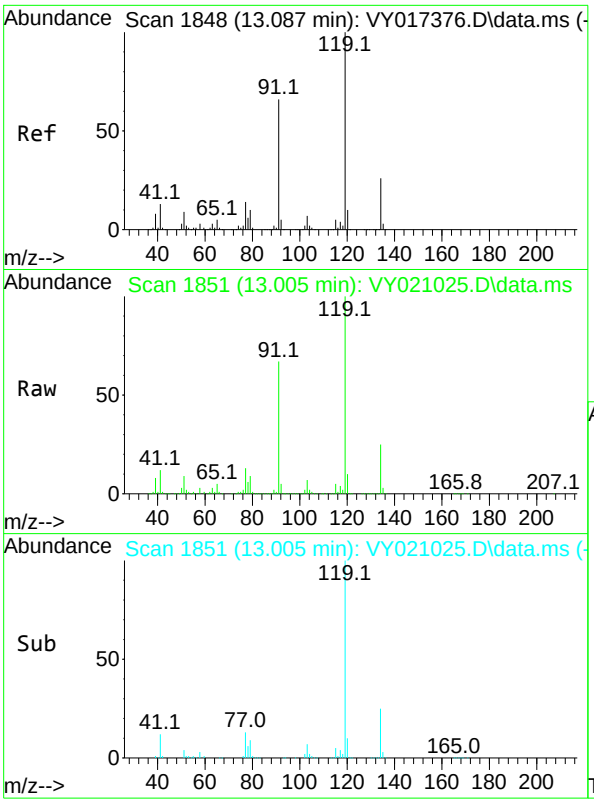


#82
4-Chlorotoluene
Concen: 149.992 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 91 Resp: 973177

Ion	Ratio	Lower	Upper
91	100		
126	33.8	17.1	51.2



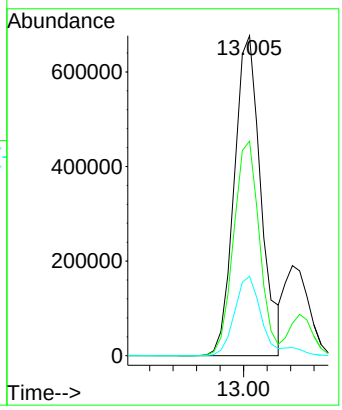


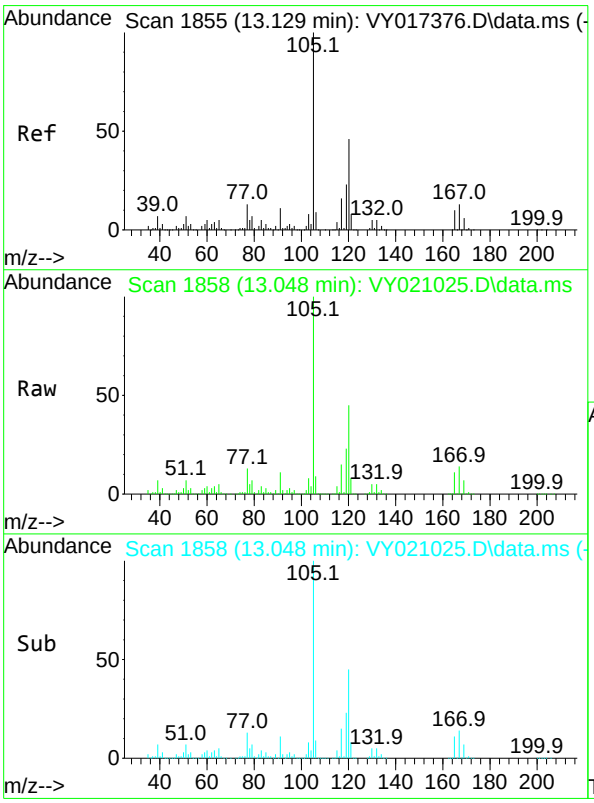
#83
tert-Butylbenzene
Concen: 165.732 ug/l
RT: 13.005 min Scan# 1
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:119 Resp: 1067144

Ion	Ratio	Lower	Upper
119	100		
91	65.0	31.5	94.5
134	26.0	13.1	39.3

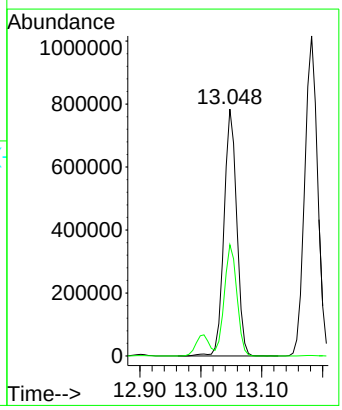


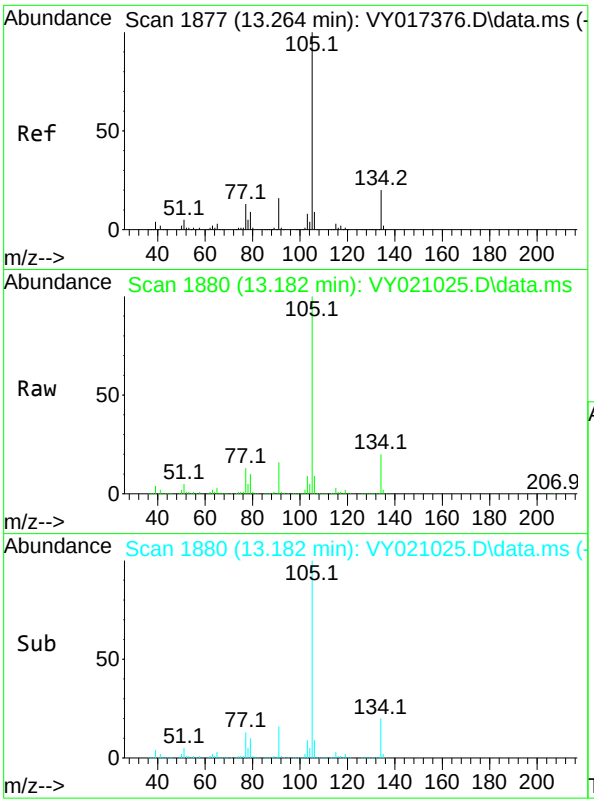


#84
1,2,4-Trimethylbenzene
Concen: 156.424 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:105 Resp: 1138490

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	66.3



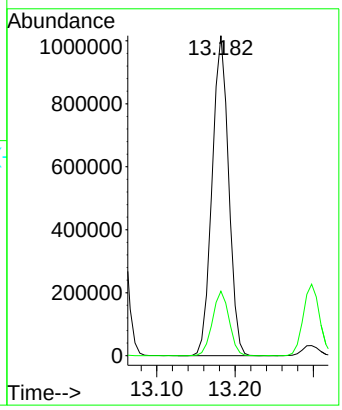


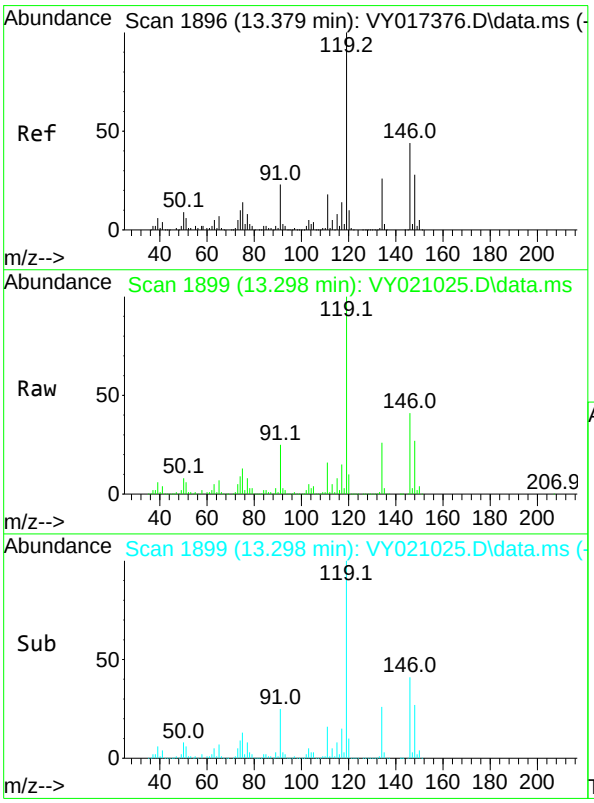
#85
sec-Butylbenzene
Concen: 151.621 ug/l
RT: 13.182 min Scan# 1
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 1489668

Ion	Ratio	Lower	Upper
105	100		
134	20.4	9.7	28.9

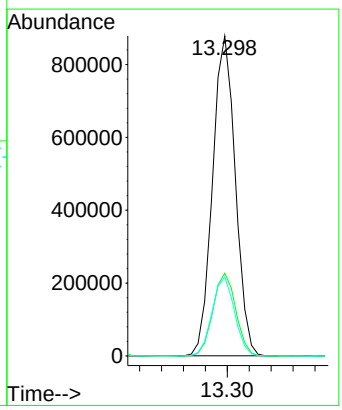


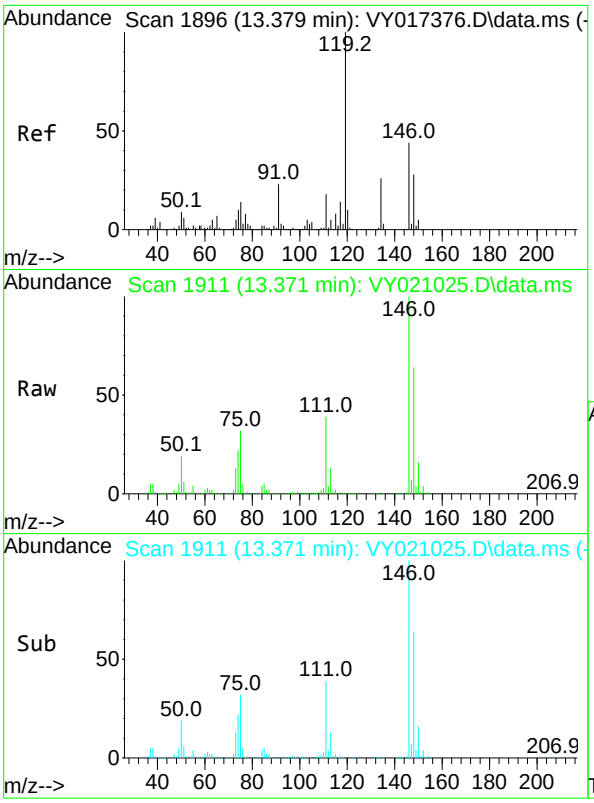


#86
p-Isopropyltoluene
Concen: 159.437 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. -0.082 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:119 Resp: 1267584

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.1
91	24.4	11.7	35.0



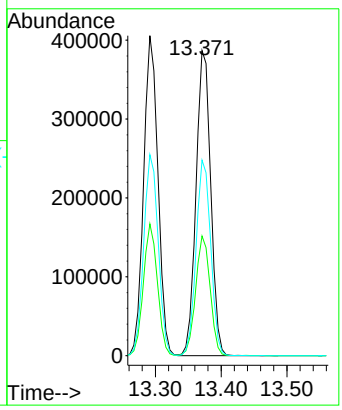


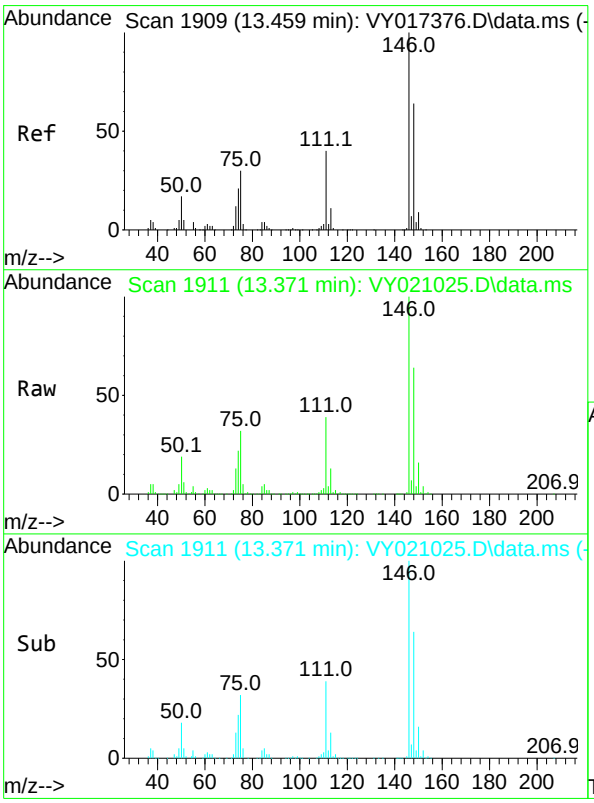
#87
1,3-Dichlorobenzene
Concen: 150.146 ug/l
RT: 13.371 min Scan# 1
Delta R.T. -0.009 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 600370

Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.2	60.5
148	63.8	31.9	95.9

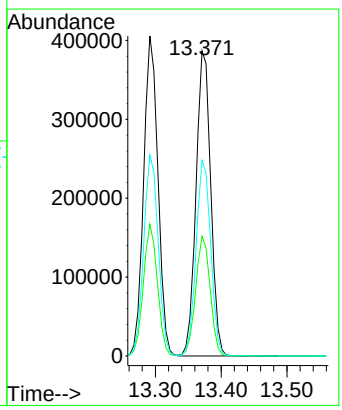


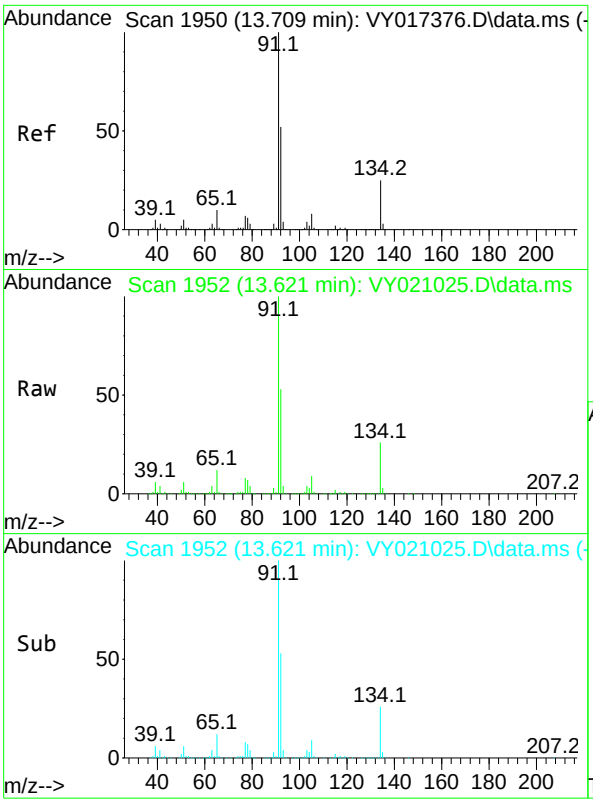


#88
1,4-Dichlorobenzene
Concen: 154.353 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.088 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:146 Resp: 600370

Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.3	57.9
148	63.8	31.6	94.7



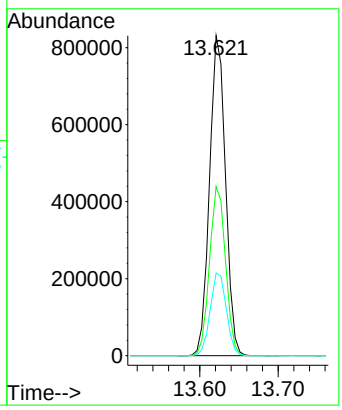


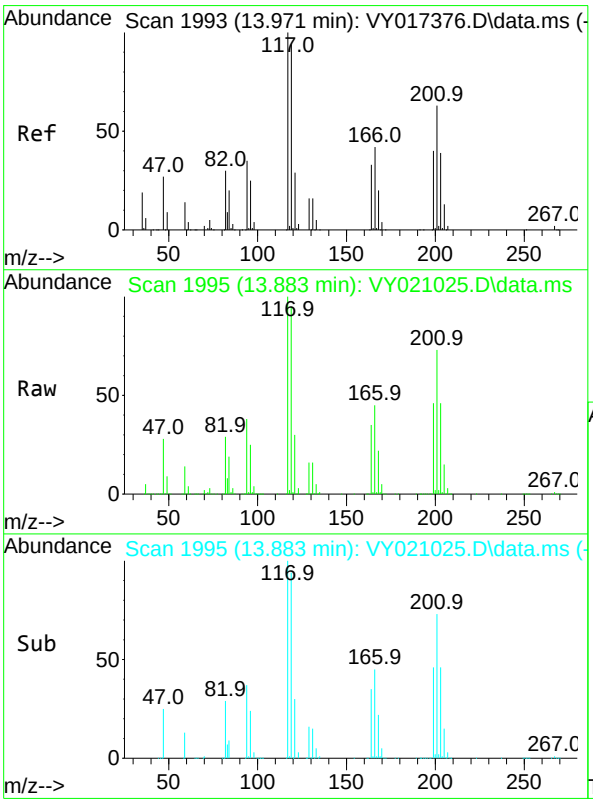
#89
n-Butylbenzene
Concen: 151.860 ug/l
RT: 13.621 min Scan# 1
Delta R.T. -0.088 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 1172760

Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.4	79.2
134	26.3	12.3	36.8

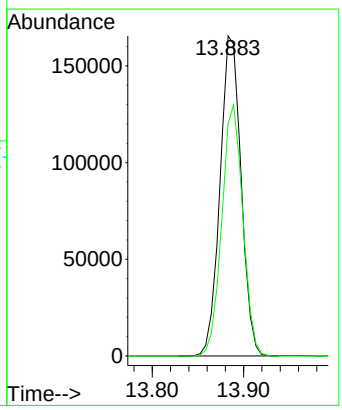


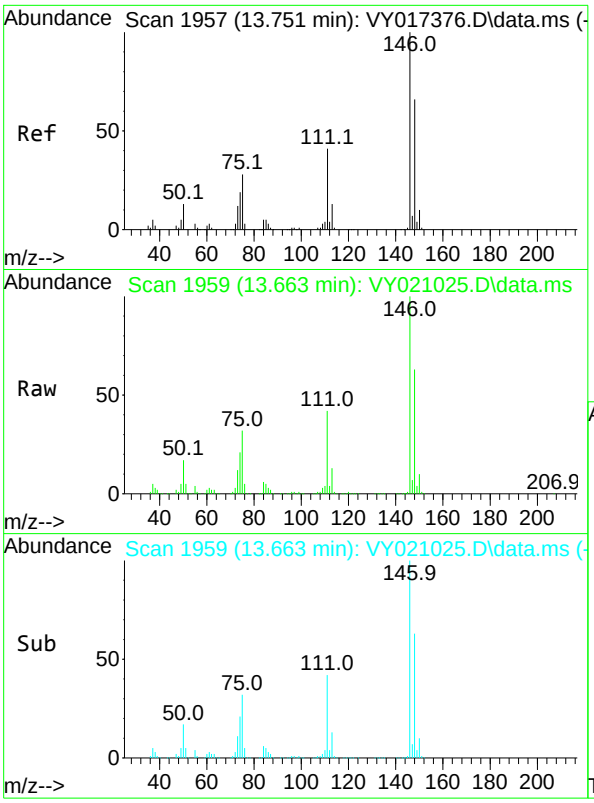


#90
Hexachloroethane
Concen: 160.731 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.088 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:117 Resp: 264877

Ion	Ratio	Lower	Upper
117	100		
201	78.2	33.4	100.1



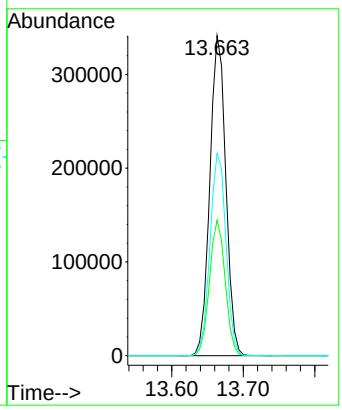


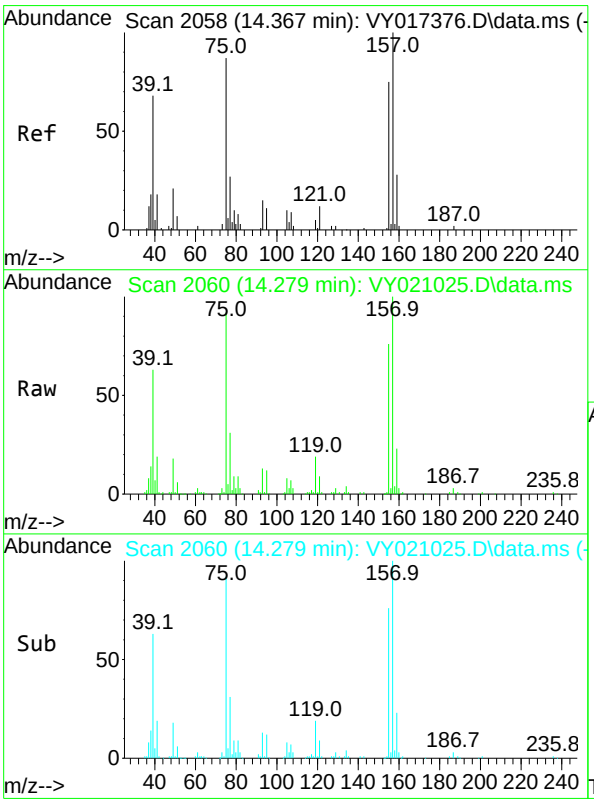
#91
1,2-Dichlorobenzene
Concen: 160.577 ug/l
RT: 13.663 min Scan# 1
Delta R.T. -0.088 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 529143

Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.5	61.6
148	63.4	31.4	94.3

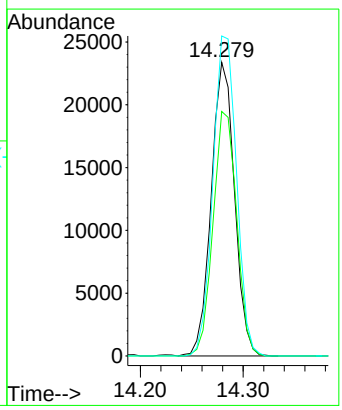


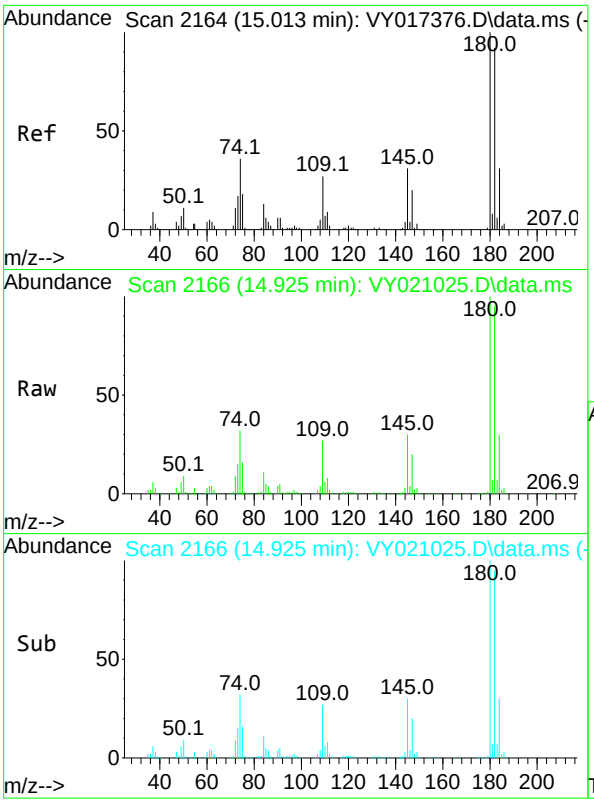


#92
1,2-Dibromo-3-Chloropropane
Concen: 175.945 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. -0.088 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion: 75 Resp: 36737

Ion	Ratio	Lower	Upper
75	100		
155	84.1	42.1	126.3
157	110.5	55.8	167.4



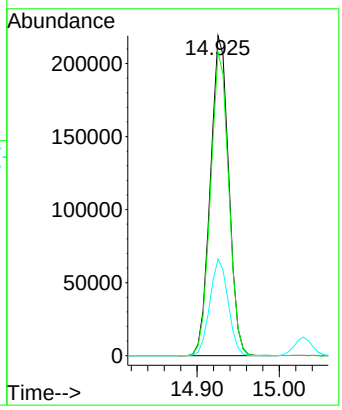


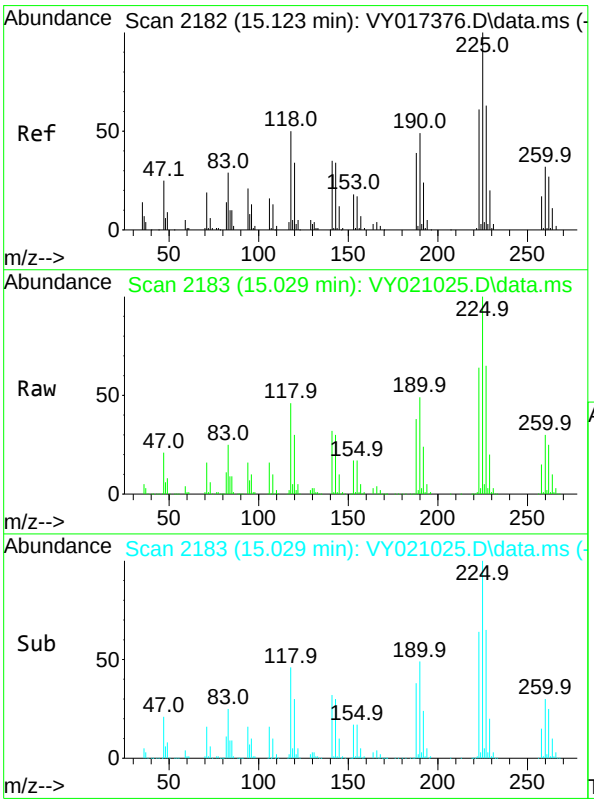
#93
1,2,4-Trichlorobenzene
Concen: 206.167 ug/l
RT: 14.925 min Scan# 21
Delta R.T. -0.088 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:180 Resp: 338957

Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.9	143.7
145	30.1	15.9	47.7

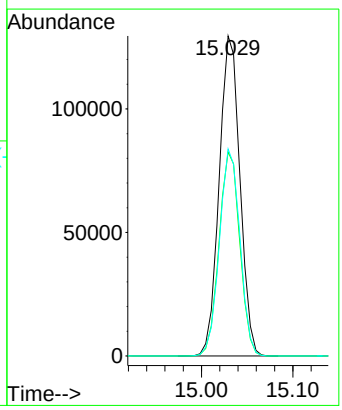


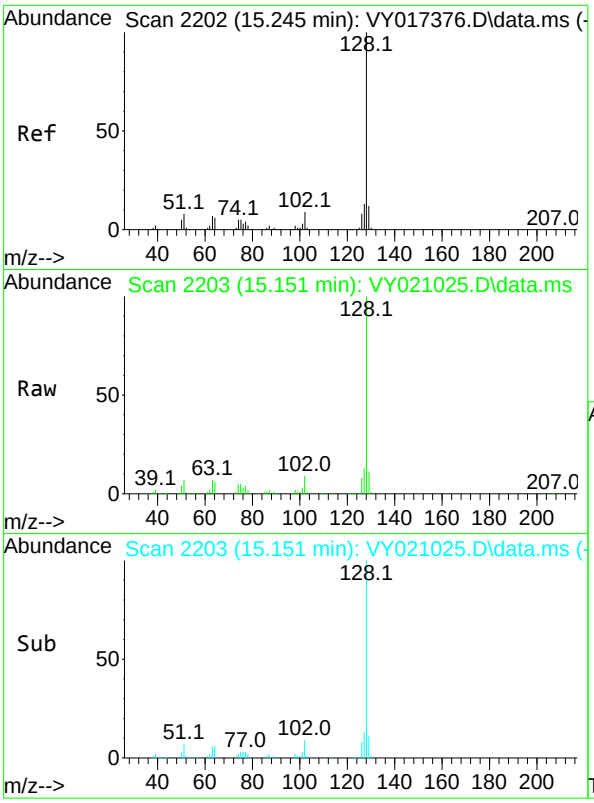


#94
Hexachlorobutadiene
Concen: 201.244 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. -0.094 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:225 Resp: 204211

Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.4	94.3
227	64.1	32.3	96.8



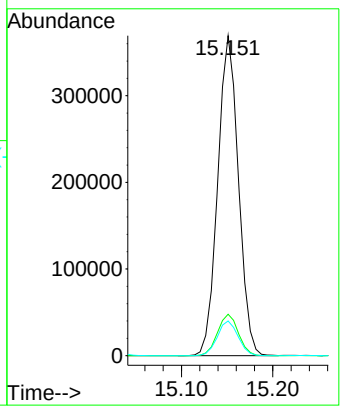


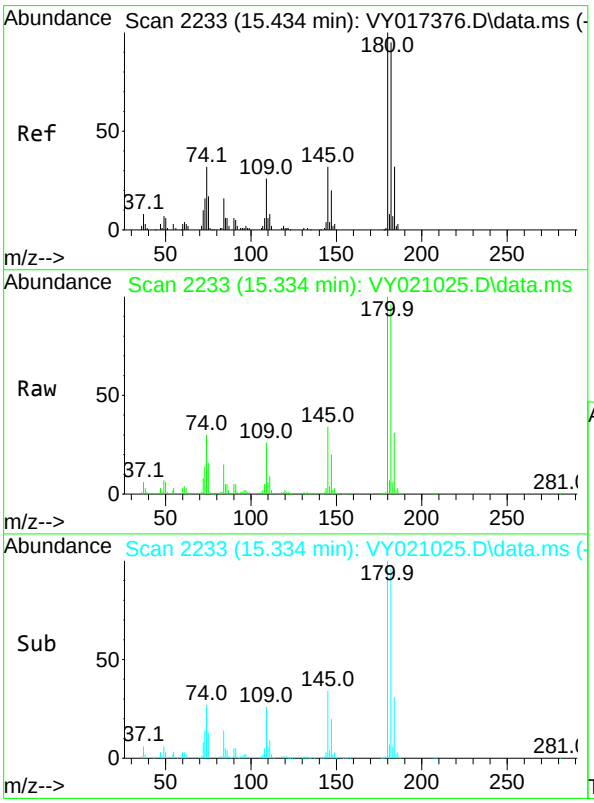
#95
Naphthalene
Concen: 203.420 ug/l
RT: 15.151 min Scan# 2
Delta R.T. -0.094 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:128 Resp: 581994

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.9	8.6	12.8

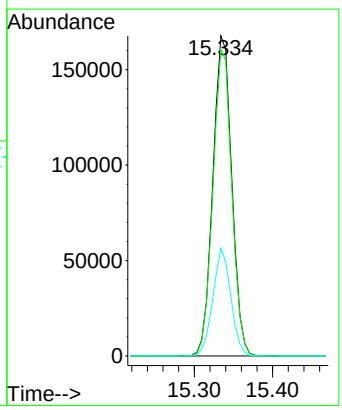




#96
1,2,3-Trichlorobenzene
Concen: 203.655 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. -0.100 min
Lab File: VY021025.D
Acq: 03 Feb 2025 12:44

Tgt Ion:180 Resp: 280907

Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.3	138.8
145	31.9	16.1	48.2



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021027.D
Acq On : 03 Feb 2025 13:37
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Quant Time: Feb 04 00:48:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	186133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	280950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	237569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	112062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	104134	54.604	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.200%			
35) Dibromofluoromethane	7.640	113	104051	57.790	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.580%			
50) Toluene-d8	10.109	98	411045	59.966	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 119.940%			
62) 4-Bromofluorobenzene	12.407	95	131943	58.919	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 117.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	86748	52.290	ug/l	98
3) Chloromethane	2.074	50	85135	52.006	ug/l	100
4) Vinyl Chloride	2.208	62	84130	51.058	ug/l	99
5) Bromomethane	2.598	94	53592	52.624	ug/l	94
6) Chloroethane	2.738	64	48969	49.925	ug/l	96
7) Trichlorofluoromethane	3.068	101	155690	51.864	ug/l	99
8) Diethyl Ether	3.458	74	43771	46.708	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	97040	51.507	ug/l	95
10) Methyl Iodide	4.013	142	102264	48.858	ug/l	95
11) Tert butyl alcohol	4.860	59	27677	214.161	ug/l	96
12) 1,1-Dichloroethene	3.793	96	91949	51.810	ug/l	92
13) Acrolein	3.653	56	46827	235.305	ug/l	100
14) Allyl chloride	4.391	41	151536	50.663	ug/l	96
15) Acrylonitrile	5.061	53	89881	230.328	ug/l	99
16) Acetone	3.866	43	72566	243.997	ug/l	96
17) Carbon Disulfide	4.110	76	289409	52.004	ug/l	99
18) Methyl Acetate	4.391	43	48057	46.031	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	213244	47.538	ug/l	100
20) Methylene Chloride	4.628	84	91358	49.414	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	98665	50.506	ug/l	94
22) Diisopropyl ether	6.024	45	304603	49.407	ug/l	98
23) Vinyl Acetate	5.964	43	819243	238.370	ug/l	100
24) 1,1-Dichloroethane	5.921	63	179904	49.806	ug/l	97
25) 2-Butanone	6.896	43	114117	233.503	ug/l	96
26) 2,2-Dichloropropane	6.890	77	169757	50.791	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	111947	49.785	ug/l	94
28) Bromochloromethane	7.250	49	78173	54.731	ug/l	99
29) Tetrahydrofuran	7.262	42	75445	228.139	ug/l	96
30) Chloroform	7.427	83	181229	48.846	ug/l	97
31) Cyclohexane	7.707	56	162806	50.051	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	174612	50.620	ug/l	99
36) 1,1-Dichloropropene	7.841	75	140344	52.625	ug/l	99
37) Ethyl Acetate	6.988	43	54994	47.006	ug/l	100
38) Carbon Tetrachloride	7.823	117	161137	51.711	ug/l	100
39) Methylcyclohexane	9.115	83	176554	54.123	ug/l	97
40) Benzene	8.085	78	399547	51.052	ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021027.D
Acq On : 03 Feb 2025 13:37
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Quant Time: Feb 04 00:48:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.232	41	29193	43.131	ug/l		98
42) 1,2-Dichloroethane	8.164	62	104015	47.910	ug/l		97
43) Isopropyl Acetate	8.201	43	110476	47.523	ug/l		98
44) Trichloroethene	8.872	130	102671	50.777	ug/l		95
45) 1,2-Dichloropropane	9.146	63	92259	49.666	ug/l		99
46) Dibromomethane	9.237	93	48251	46.914	ug/l		95
47) Bromodichloromethane	9.426	83	134607	48.799	ug/l		99
48) Methyl methacrylate	9.225	41	52480	49.560	ug/l		93
49) 1,4-Dioxane	9.231	88	9588	1001.398	ug/l		99
51) 4-Methyl-2-Pentanone	9.999	43	276605	236.615	ug/l		97
52) Toluene	10.176	92	251287	51.135	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	123718	49.950	ug/l		100
54) cis-1,3-Dichloropropene	9.859	75	148244	50.550	ug/l		96
55) 1,1,2-Trichloroethane	10.579	97	62357	46.820	ug/l		99
56) Ethyl methacrylate	10.444	69	87450	49.082	ug/l		93
57) 1,3-Dichloropropane	10.719	76	110606	47.980	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	213481	251.852	ug/l		99
59) 2-Hexanone	10.761	43	180455	239.750	ug/l		96
60) Dibromochloromethane	10.914	129	90009	48.123	ug/l		100
61) 1,2-Dibromoethane	11.017	107	59039	47.325	ug/l		100
64) Tetrachloroethene	10.652	164	92493	52.446	ug/l		95
65) Chlorobenzene	11.444	112	268544	50.766	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.523	131	94662	50.356	ug/l		98
67) Ethyl Benzene	11.523	91	492537	52.642	ug/l		99
68) m/p-Xylenes	11.633	106	367445	104.978	ug/l		98
69) o-Xylene	11.956	106	169897	52.062	ug/l		96
70) Styrene	11.975	104	282879	52.009	ug/l		99
71) Bromoform	12.133	173	50400	48.166	ug/l	#	99
73) Isopropylbenzene	12.255	105	467245	53.377	ug/l		99
74) N-amyl acetate	12.072	43	94701	49.483	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.511	83	68636	47.145	ug/l		98
76) 1,2,3-Trichloropropane	12.560	75	93028	91.514	ug/l	#	100
77) Bromobenzene	12.536	156	101991	50.490	ug/l		93
78) n-propylbenzene	12.596	91	558013	53.513	ug/l		98
79) 2-Chlorotoluene	12.682	91	310097	51.922	ug/l		100
80) 1,3,5-Trimethylbenzene	12.743	105	375018	52.840	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	24332	48.841	ug/l		98
82) 4-Chlorotoluene	12.779	91	313949	51.594	ug/l		100
83) tert-Butylbenzene	13.005	119	348046	53.952	ug/l		99
84) 1,2,4-Trimethylbenzene	13.048	105	370353	53.370	ug/l		99
85) sec-Butylbenzene	13.182	105	494957	53.301	ug/l		98
86) p-Isopropyltoluene	13.298	119	411332	53.325	ug/l		99
87) 1,3-Dichlorobenzene	13.291	146	198405	50.868	ug/l		100
88) 1,4-Dichlorobenzene	13.371	146	193207	50.309	ug/l		99
89) n-Butylbenzene	13.621	91	384473	54.636	ug/l		99
90) Hexachloroethane	13.883	117	82908	51.521	ug/l		84
91) 1,2-Dichlorobenzene	13.663	146	168238	49.696	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	10000	45.965	ug/l		98
93) 1,2,4-Trichlorobenzene	14.925	180	98409	52.224	ug/l		99
94) Hexachlorobutadiene	15.029	225	65883	52.760	ug/l		99
95) Naphthalene	15.151	128	154493	51.245	ug/l		100
96) 1,2,3-Trichlorobenzene	15.334	180	79793	50.882	ug/l		97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021027.D
Acq On : 03 Feb 2025 13:37
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Quant Time: Feb 04 00:48:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

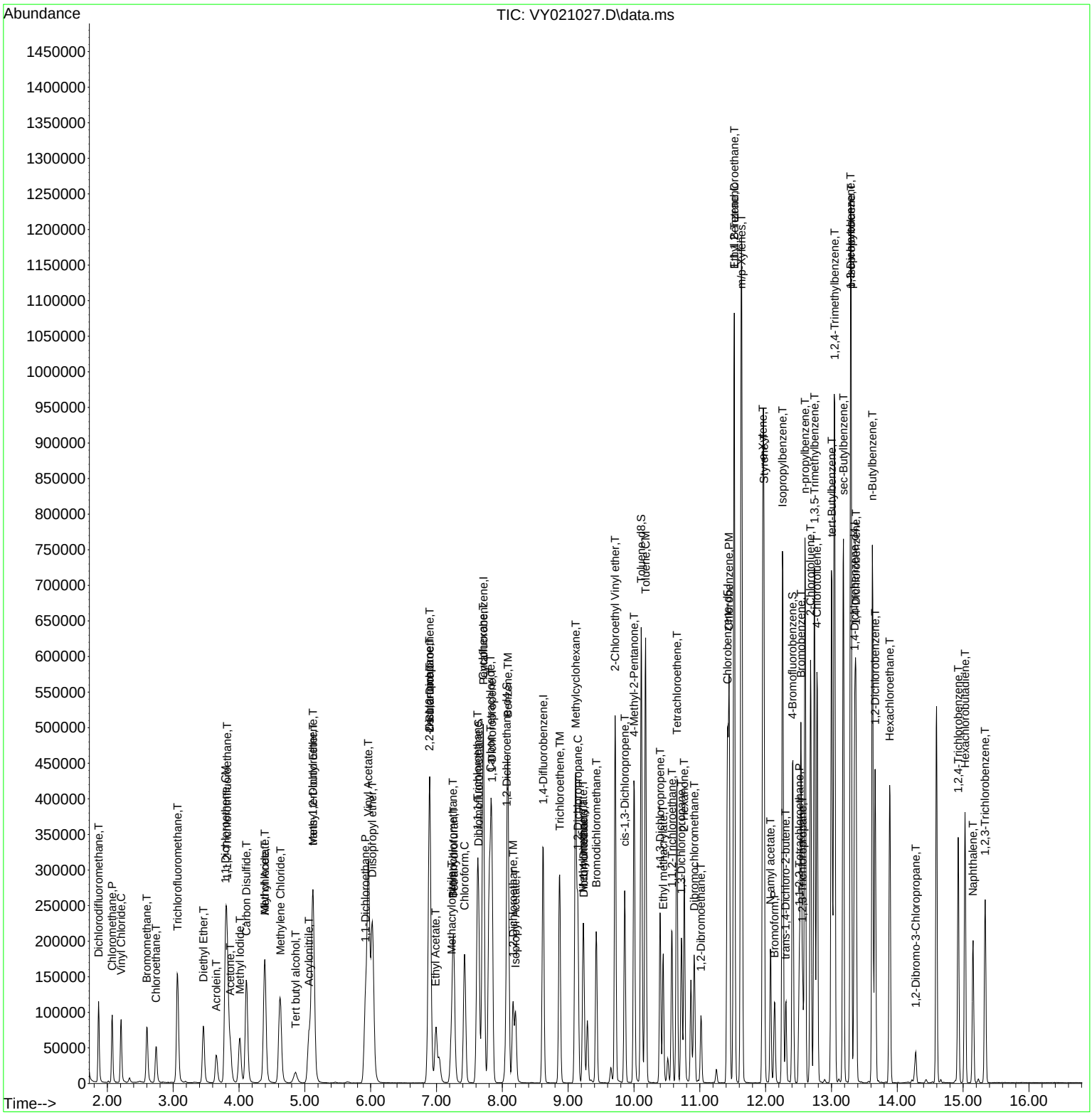
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

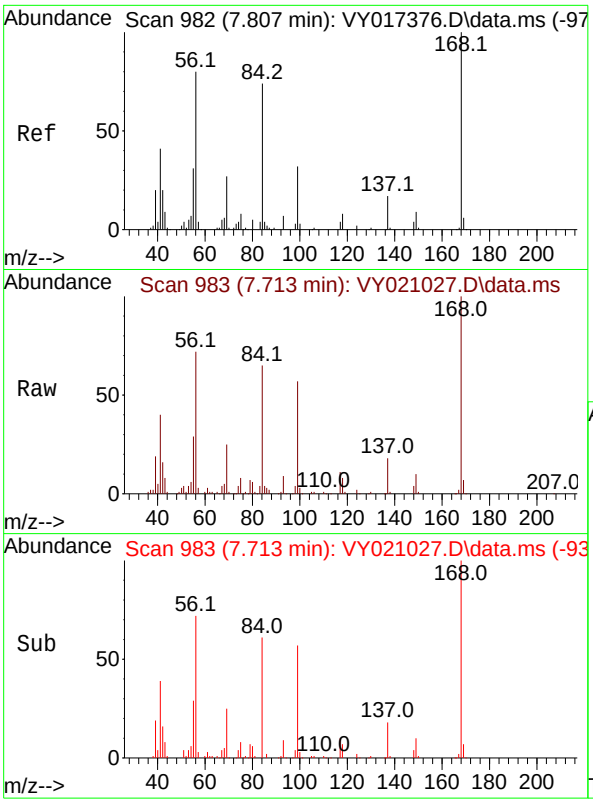
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021027.D
Acq On : 03 Feb 2025 13:37
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Quant Time: Feb 04 00:48:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration



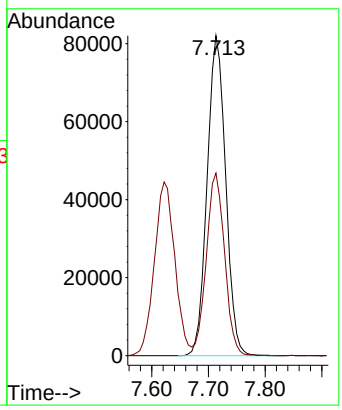


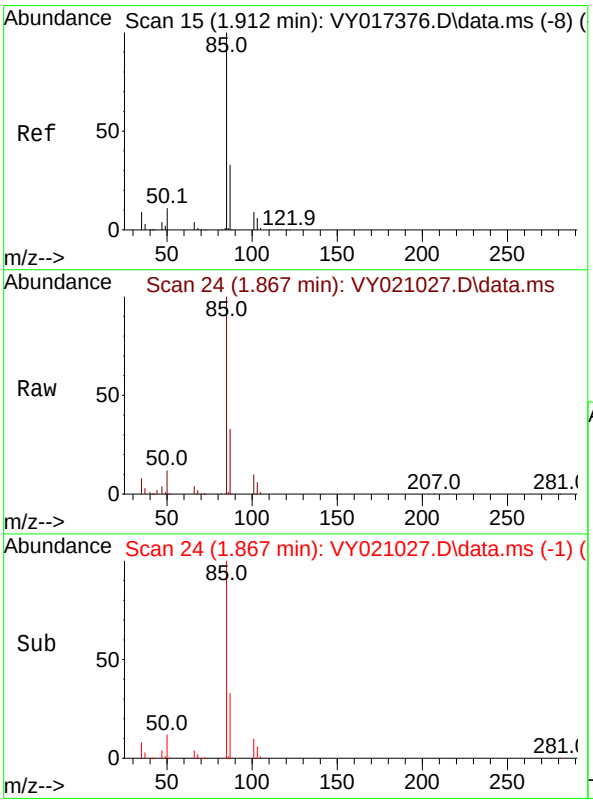
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion:168 Resp: 186133

Ion	Ratio	Lower	Upper
168	100		
99	57.0	44.2	66.4

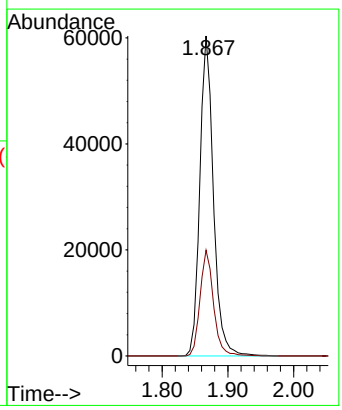


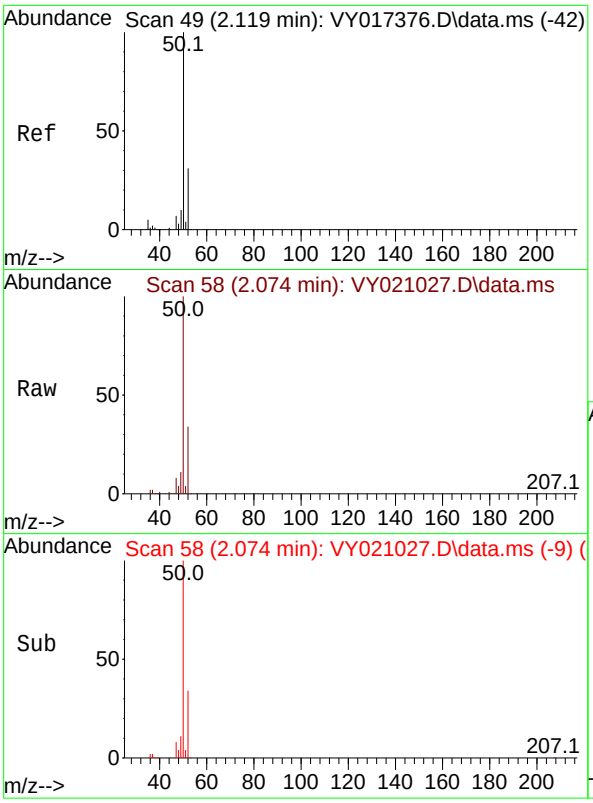


#2
Dichlorodifluoromethane
Concen: 52.290 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 85 Resp: 86748

Ion	Ratio	Lower	Upper
85	100		
87	33.0	17.1	51.3



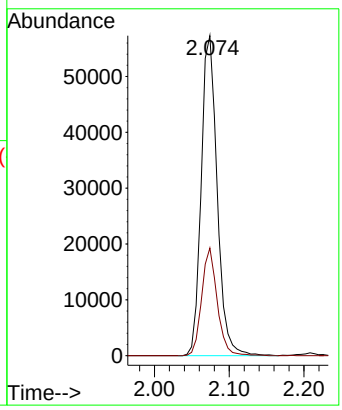


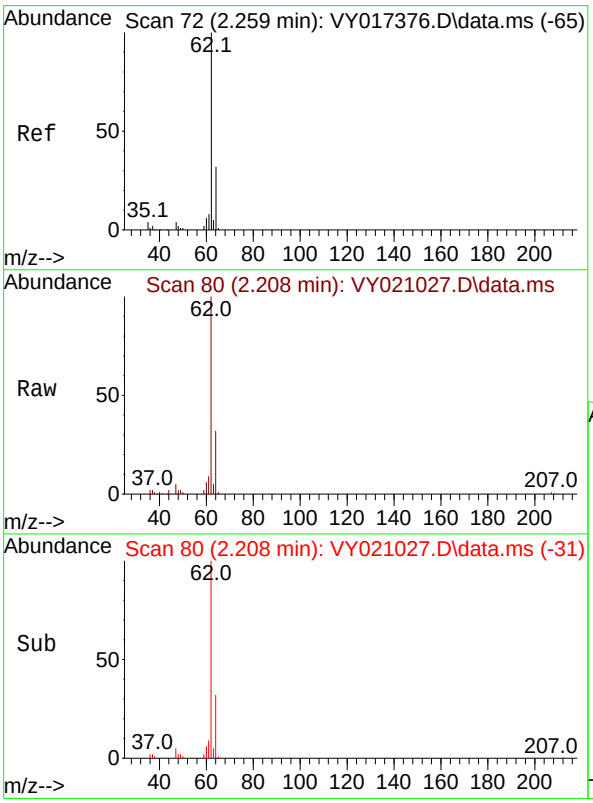
#3
Chloromethane
Concen: 52.006 ug/l
RT: 2.074 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion: 50 Resp: 85135

Ion	Ratio	Lower	Upper
50	100		
52	33.7	26.7	40.1

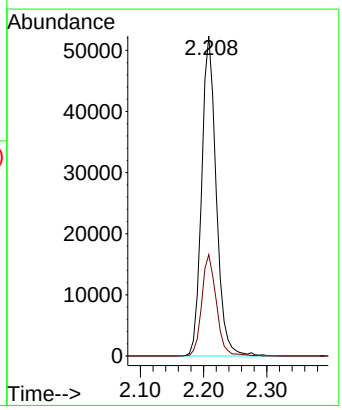


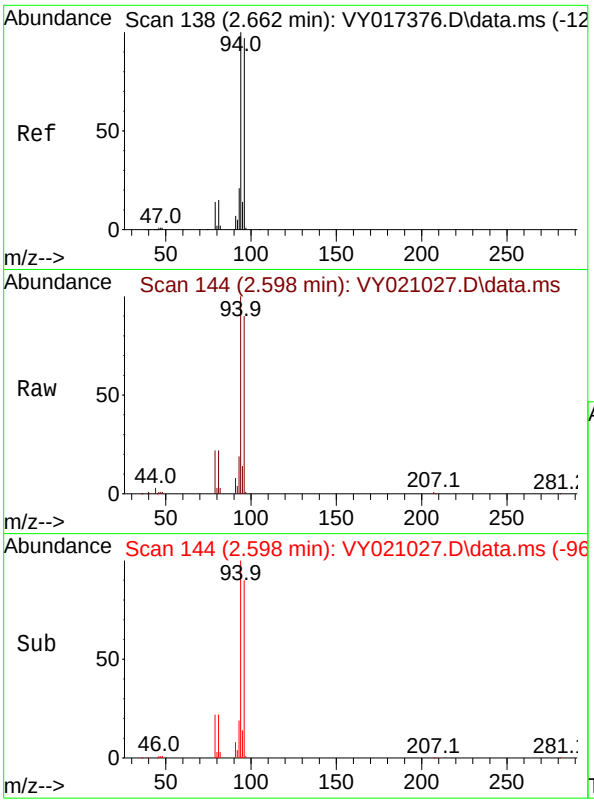


#4
Vinyl Chloride
Concen: 51.058 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 62 Resp: 84130

Ion	Ratio	Lower	Upper
62	100		
64	31.6	25.7	38.5



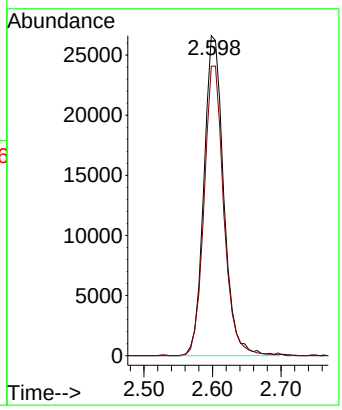


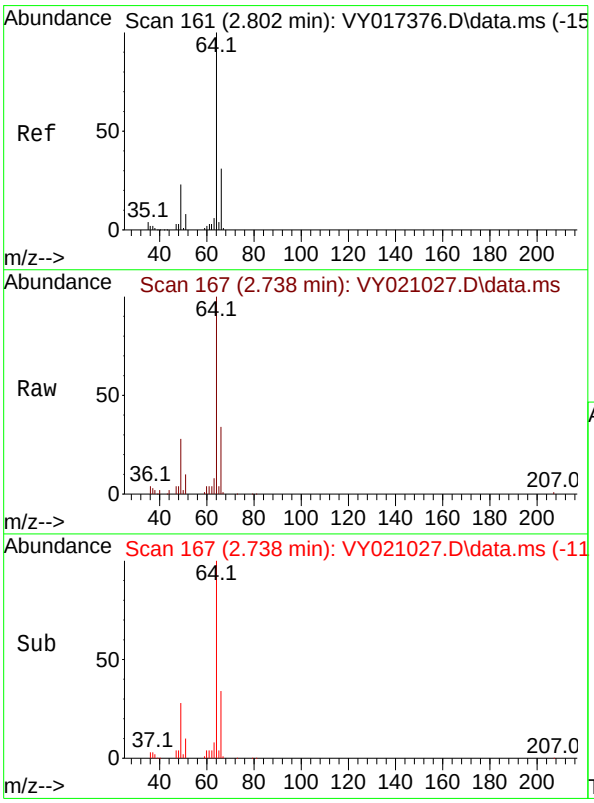
#5
Bromomethane
Concen: 52.624 ug/l
RT: 2.598 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion: 94 Resp: 53592

Ion	Ratio	Lower	Upper
94	100		
96	90.5	77.3	115.9

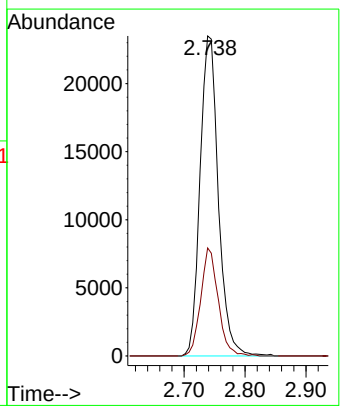


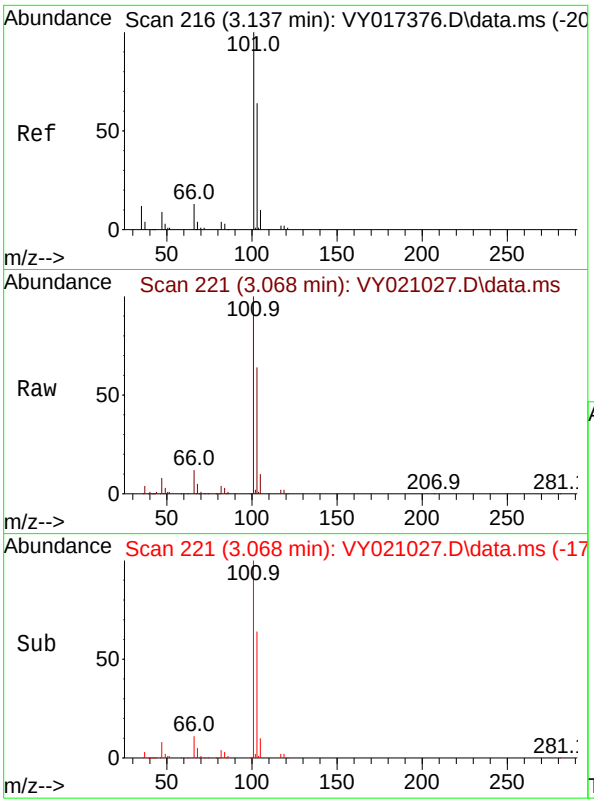


#6
Chloroethane
Concen: 49.925 ug/l
RT: 2.738 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 64 Resp: 48969

Ion	Ratio	Lower	Upper
64	100		
66	33.8	25.1	37.7



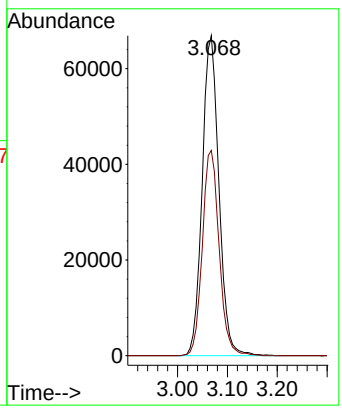


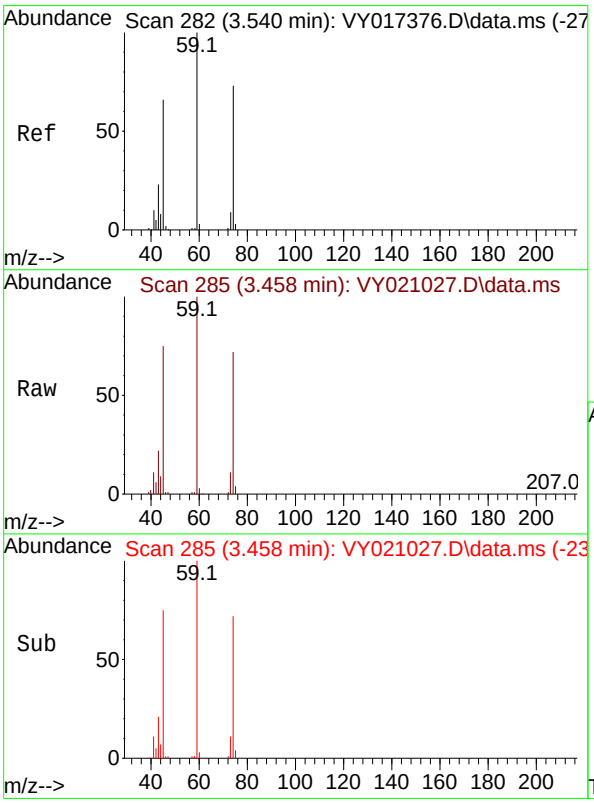
#7
Trichlorofluoromethane
Concen: 51.864 ug/l
RT: 3.068 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion:101 Resp: 155690

Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.9	77.9

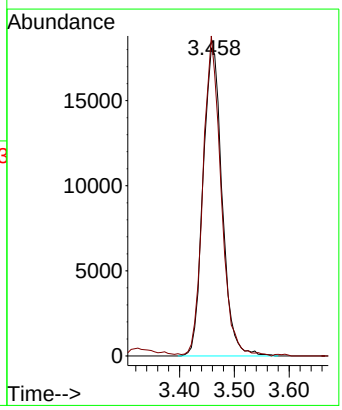


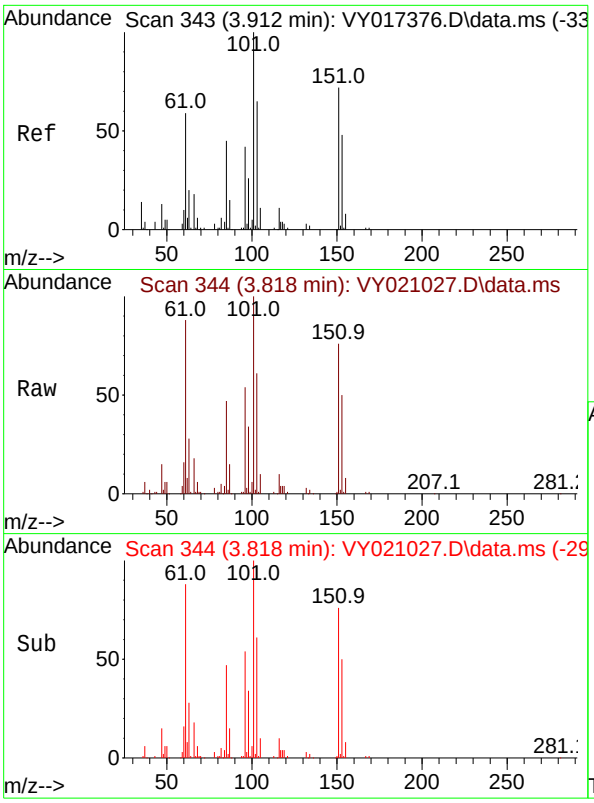


#8
Diethyl Ether
Concen: 46.708 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 74 Resp: 43771

Ion	Ratio	Lower	Upper
74	100		
45	98.4	47.9	143.7



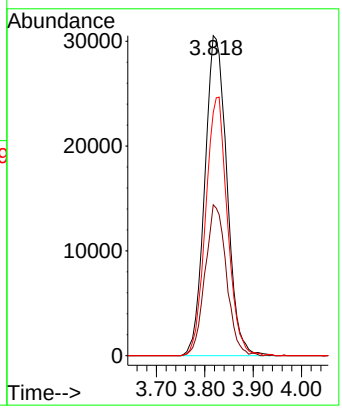


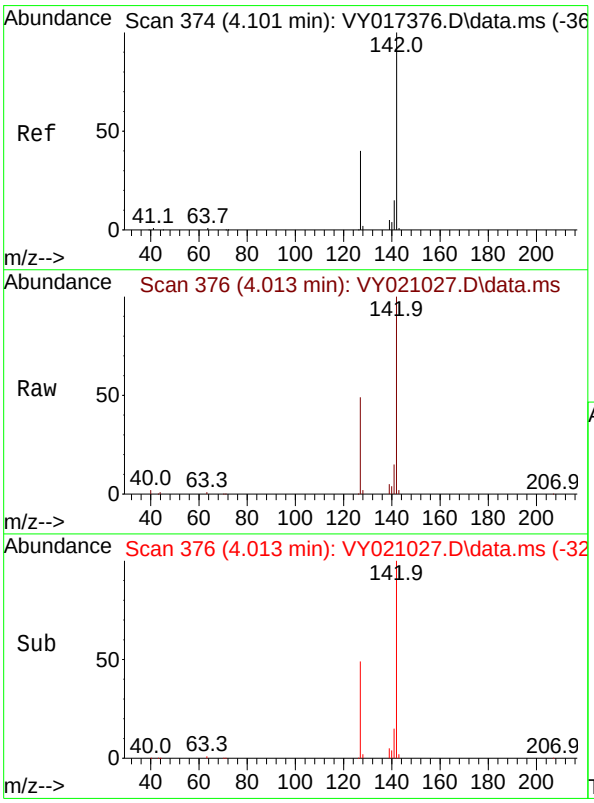
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.507 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion:101 Resp: 97040

Ion	Ratio	Lower	Upper
101	100		
85	45.5	35.8	53.6
151	79.3	58.6	88.0

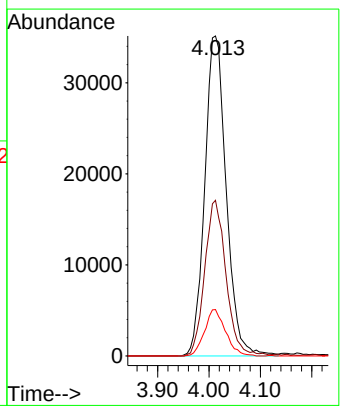


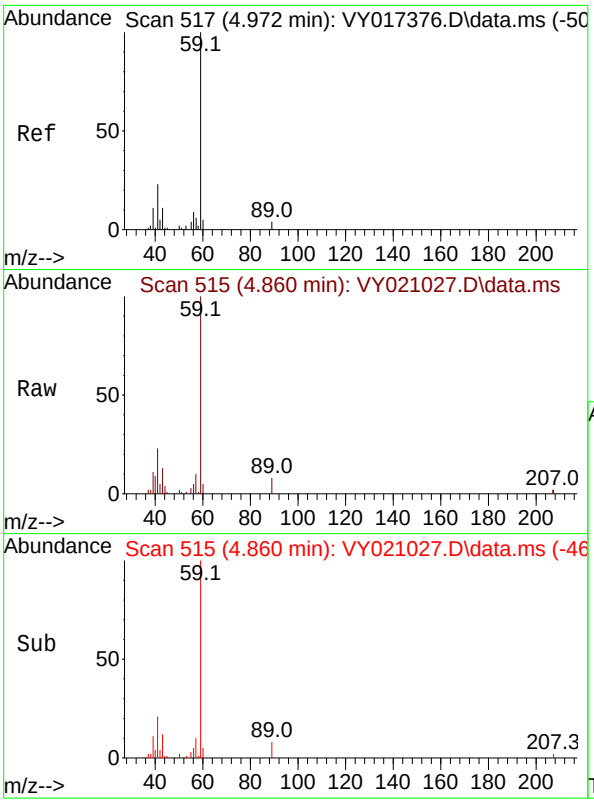


#10
Methyl Iodide
Concen: 48.858 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:142 Resp: 102264

Ion	Ratio	Lower	Upper
142	100		
127	48.1	35.1	52.7
141	14.2	11.8	17.6



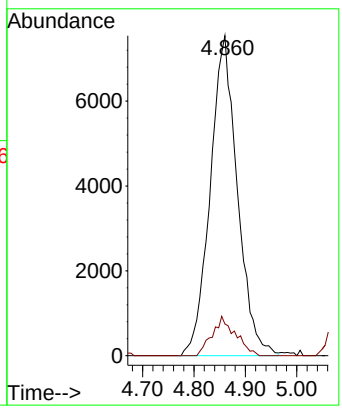


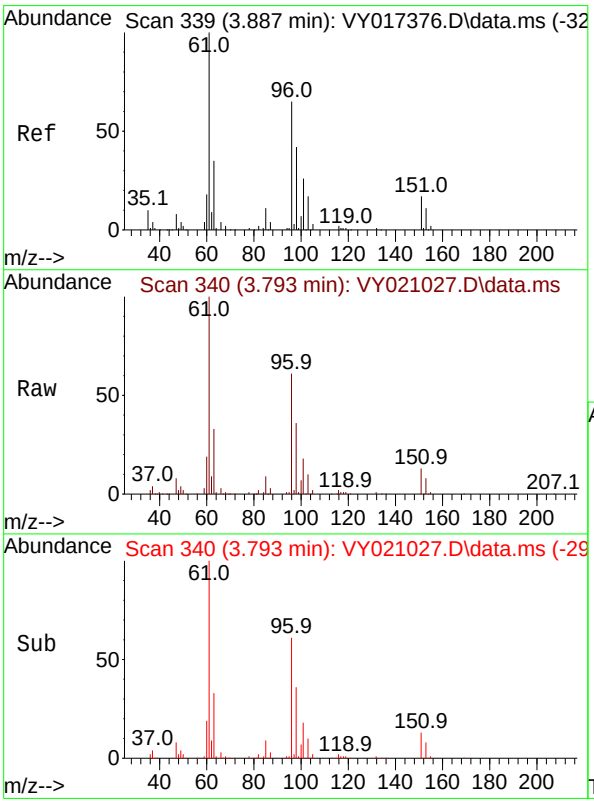
#11
Tert butyl alcohol
Concen: 214.161 ug/l
RT: 4.860 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion: 59 Resp: 27677

Ion	Ratio	Lower	Upper
59	100		
57	10.6	7.4	11.0

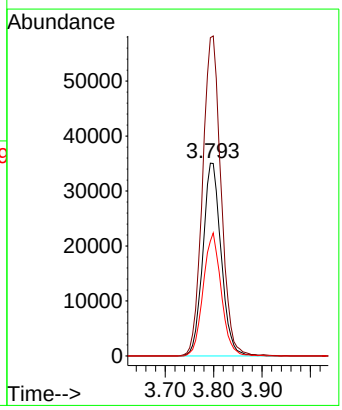


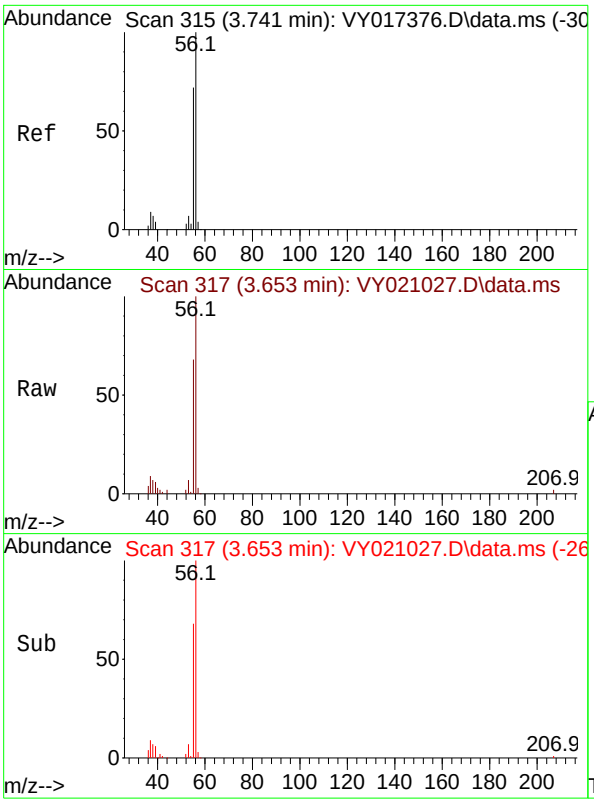


#12
1,1-Dichloroethene
Concen: 51.810 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 96 Resp: 91949

Ion	Ratio	Lower	Upper
96	100		
61	165.0	124.2	186.2
98	59.6	52.6	79.0



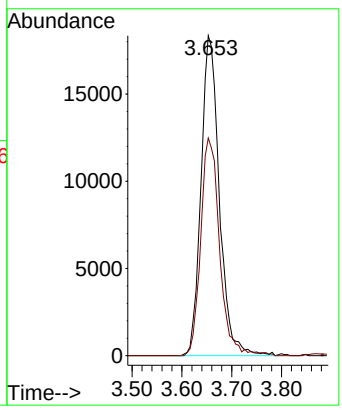


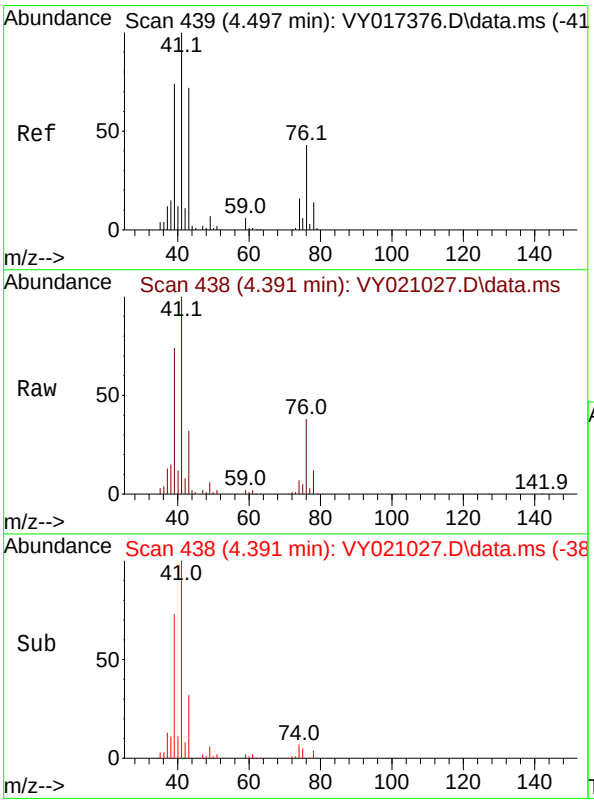
#13
Acrolein
Concen: 235.305 ug/l
RT: 3.653 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion: 56 Resp: 46827

Ion	Ratio	Lower	Upper
56	100		
55	69.5	55.4	83.0

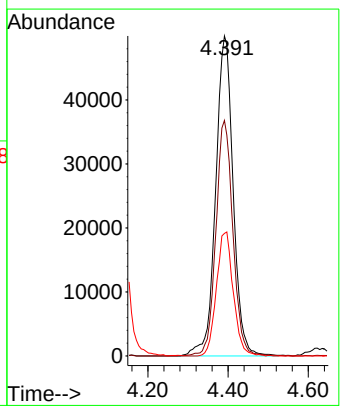


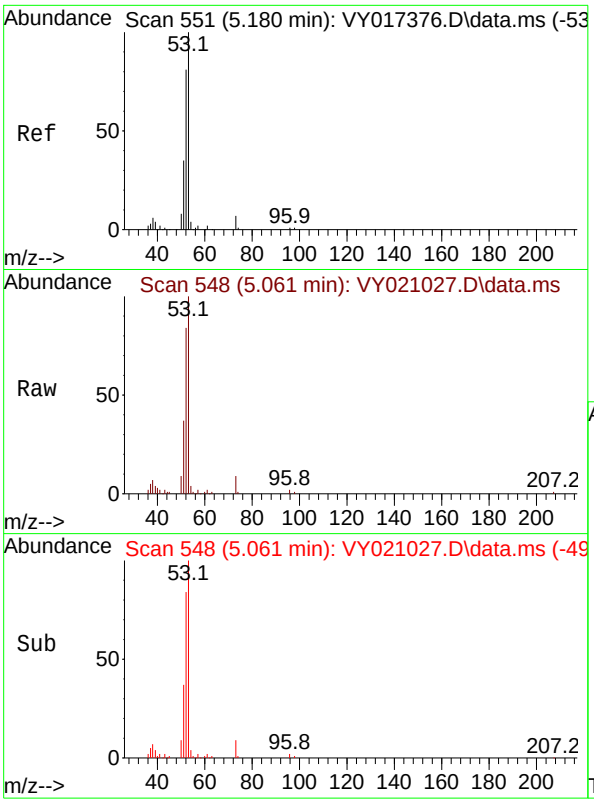


#14
Allyl chloride
Concen: 50.663 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 41 Resp: 151536

Ion	Ratio	Lower	Upper
41	100		
39	71.4	54.7	82.1
76	37.3	31.8	47.6



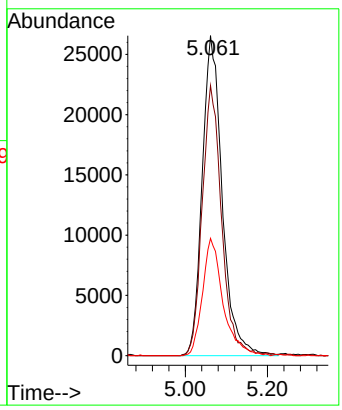


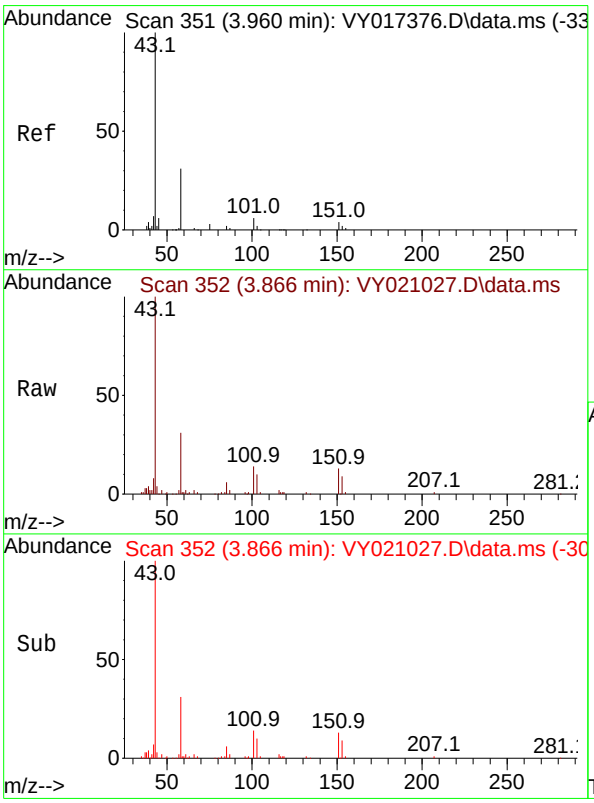
#15
Acrylonitrile
Concen: 230.328 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion: 53 Resp: 89881

Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.1	97.7
51	37.6	29.0	43.4

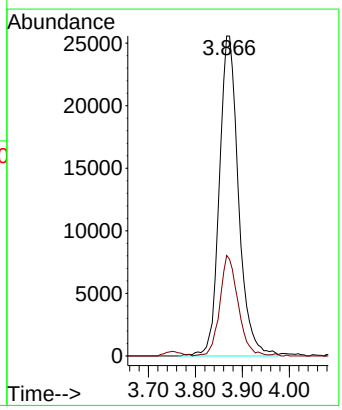


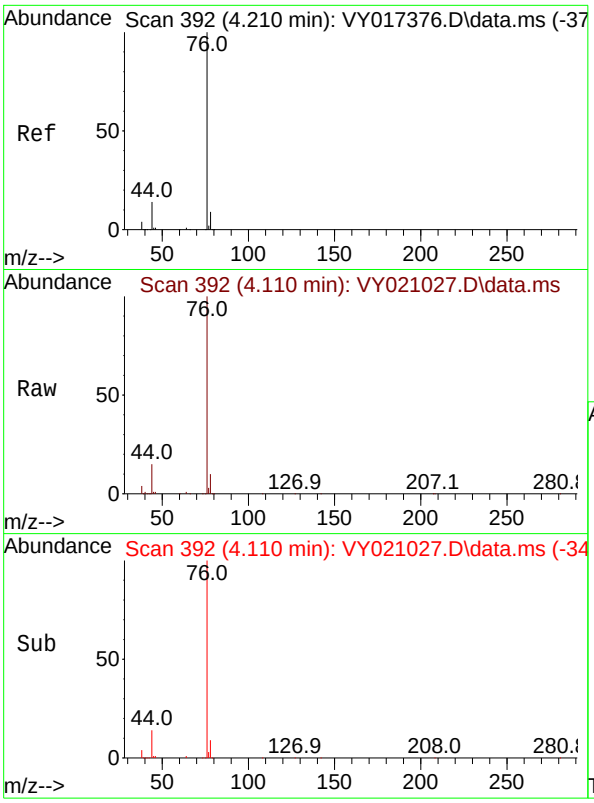


#16
Acetone
Concen: 243.997 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 43 Resp: 72566

Ion	Ratio	Lower	Upper
43	100		
58	31.0	26.6	39.8



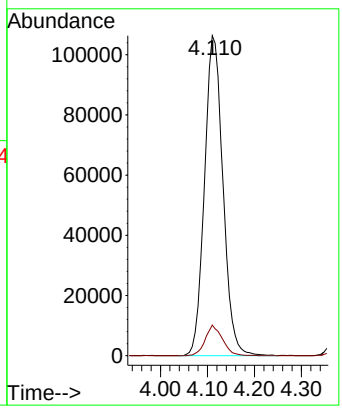


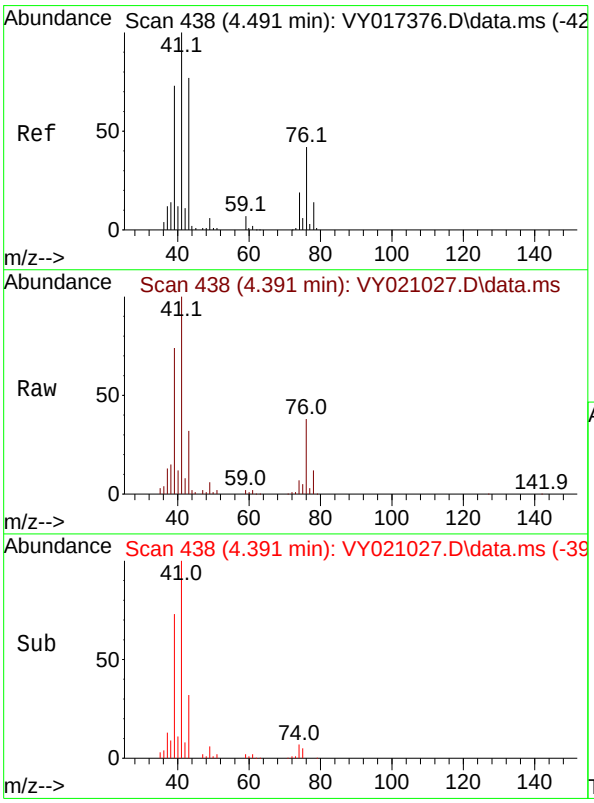
#17
Carbon Disulfide
Concen: 52.004 ug/l
RT: 4.110 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion: 76 Resp: 289409

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.0

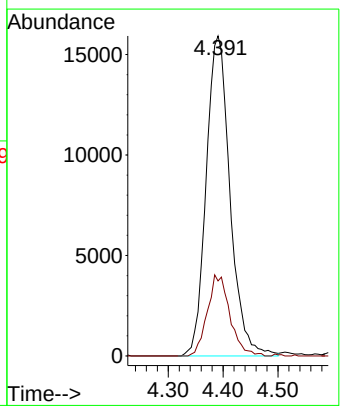


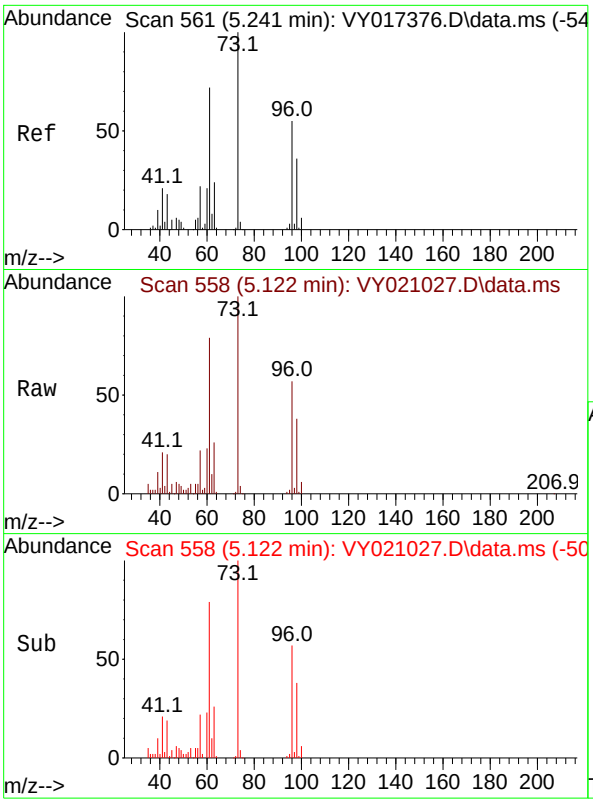


#18
Methyl Acetate
Concen: 46.031 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 43 Resp: 48057

Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.8	29.6



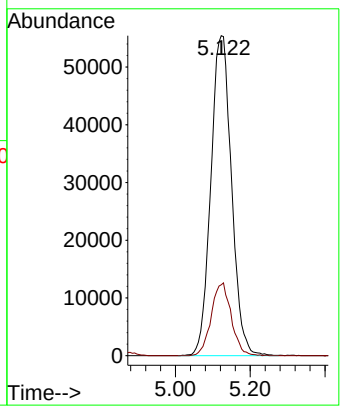


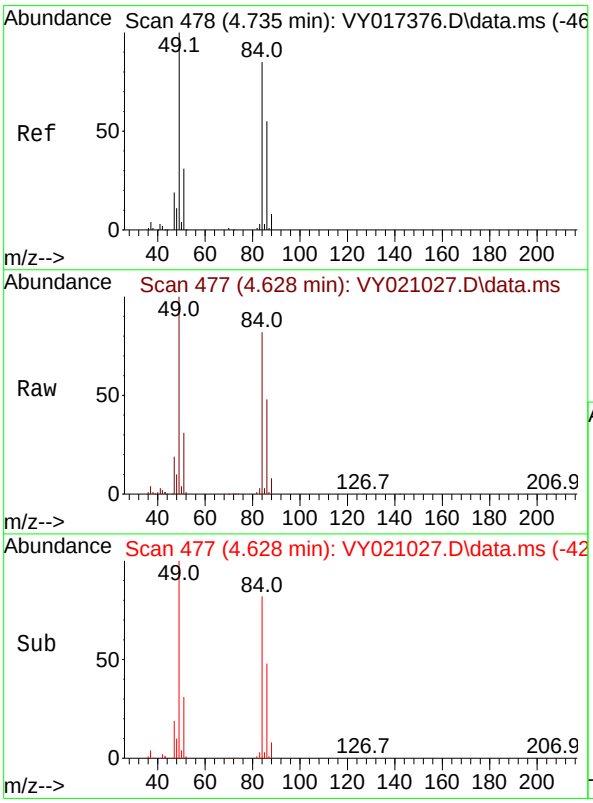
#19
Methyl tert-butyl Ether
Concen: 47.538 ug/l
RT: 5.122 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion: 73 Resp: 213244

Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.7	26.5

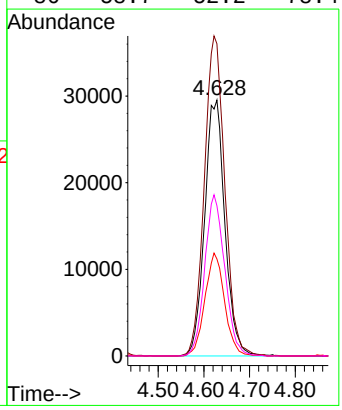


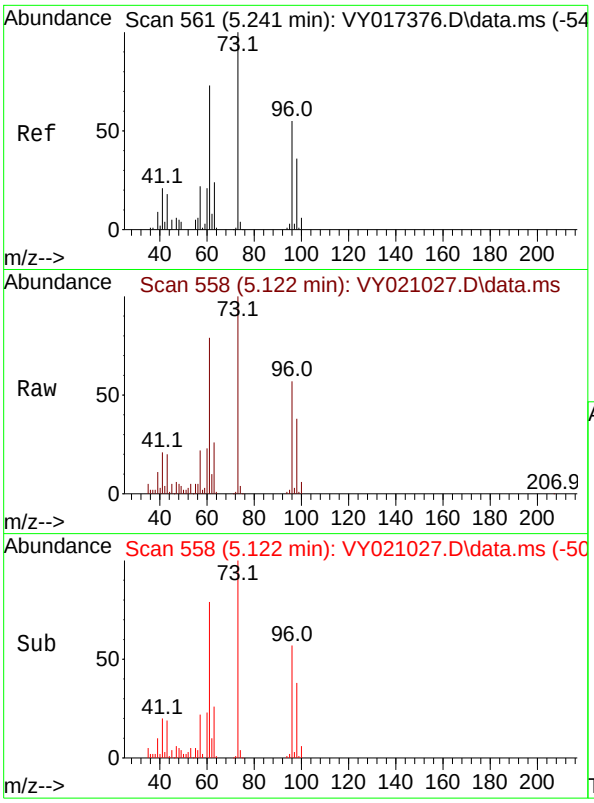


#20
Methylene Chloride
Concen: 49.414 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 84 Resp: 91358

Ion	Ratio	Lower	Upper
84	100		
49	122.0	95.2	142.8
51	37.9	29.9	44.9
86	58.7	52.2	78.4



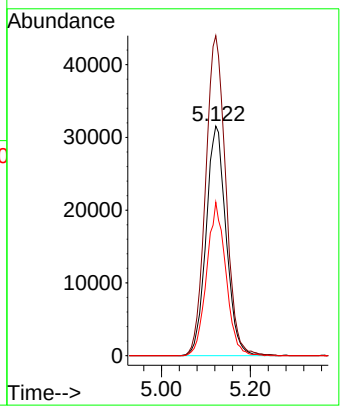


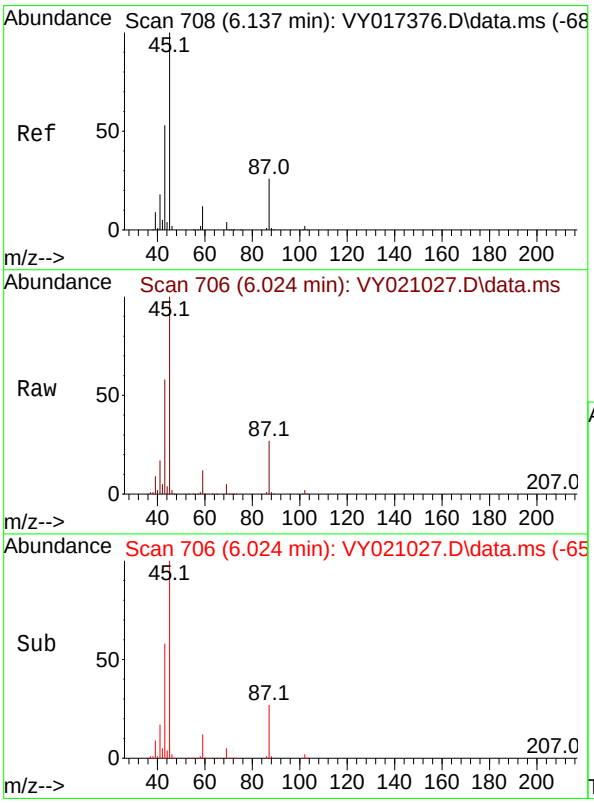
#21
trans-1,2-Dichloroethene
Concen: 50.506 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion: 96 Resp: 98665

Ion	Ratio	Lower	Upper
96	100		
61	139.4	104.6	156.8
98	66.8	50.9	76.3

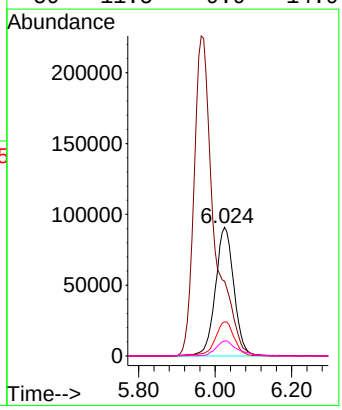


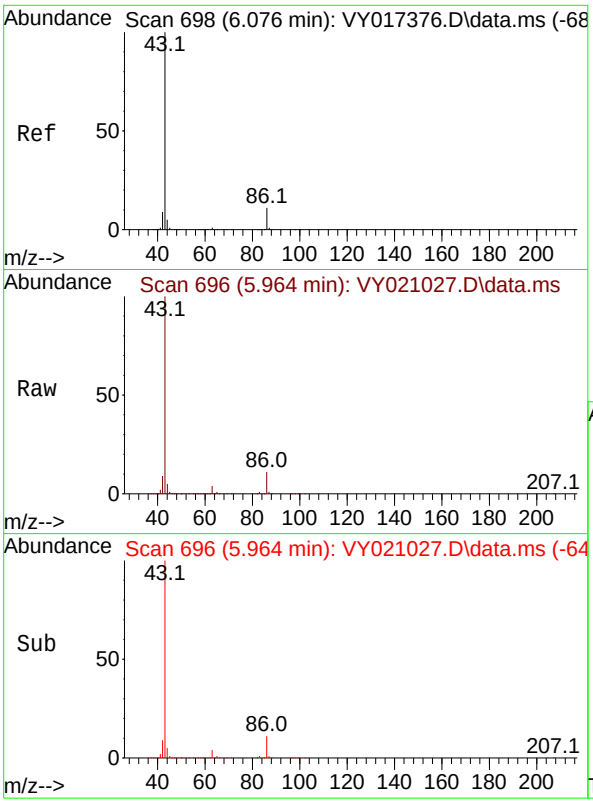


#22
Diisopropyl ether
Concen: 49.407 ug/l
RT: 6.024 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 45 Resp: 304603

Ion	Ratio	Lower	Upper
45	100		
43	57.5	46.8	70.2
87	26.5	22.2	33.2
59	11.5	9.9	14.9



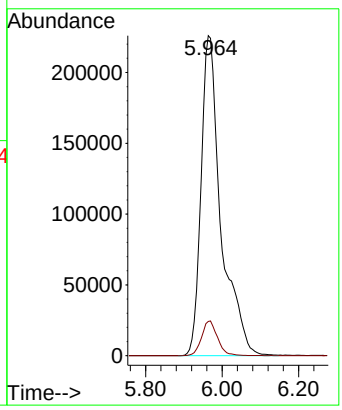


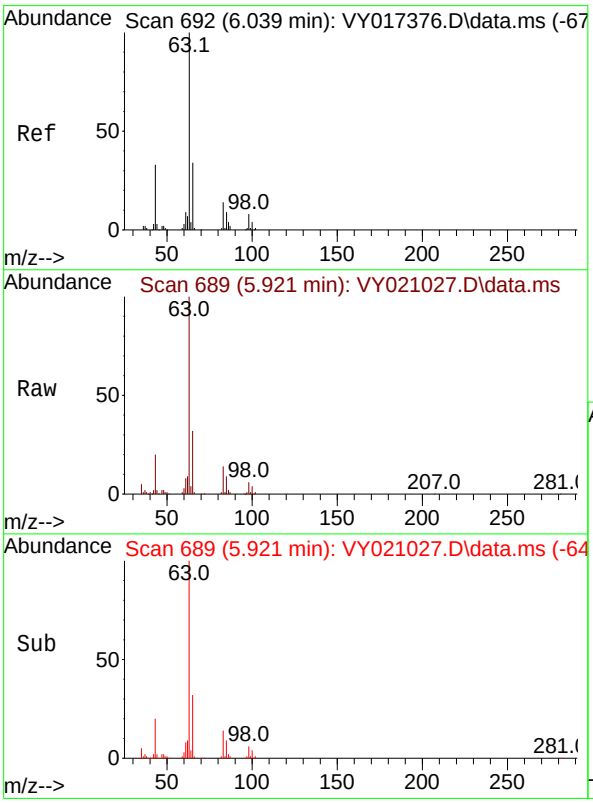
#23
Vinyl Acetate
Concen: 238.370 ug/l
RT: 5.964 min Scan# 6
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion: 43 Resp: 819243

Ion	Ratio	Lower	Upper
43	100		
86	10.7	8.6	13.0

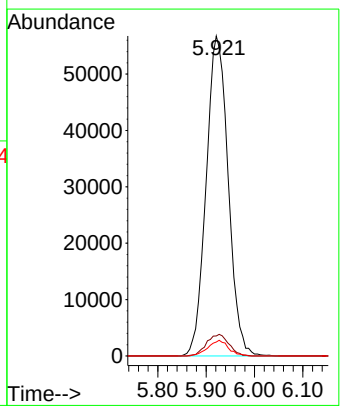


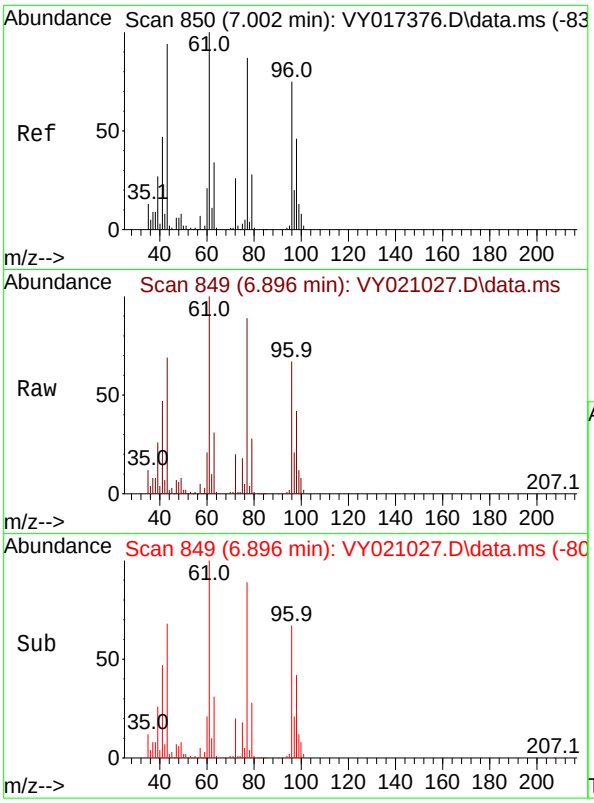


#24
1,1-Dichloroethane
Concen: 49.806 ug/l
RT: 5.921 min Scan# 689
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 63 Resp: 179904

Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.8	11.4
100	4.4	2.1	6.2



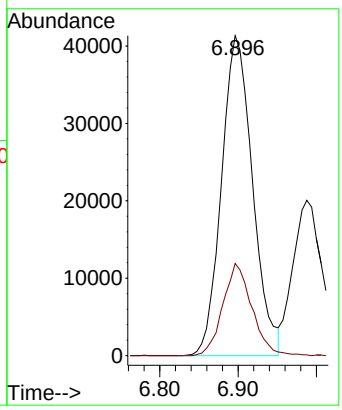


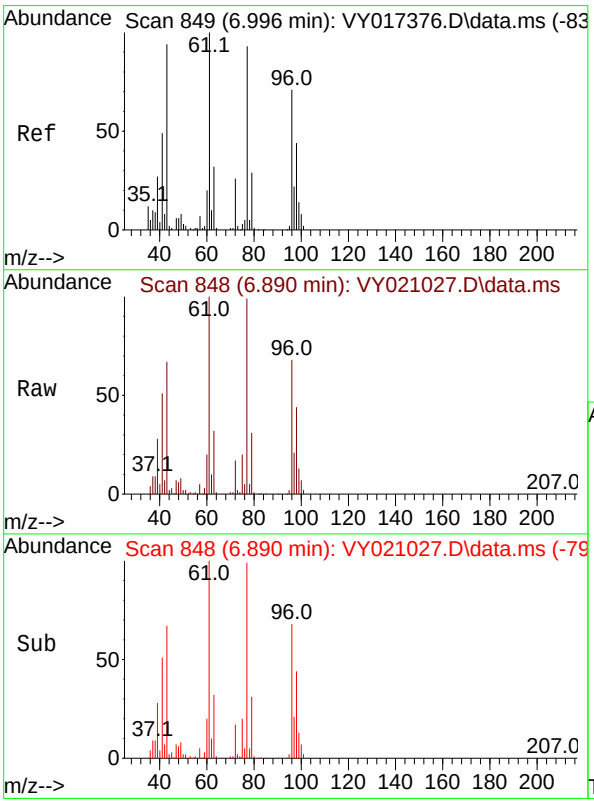
#25
2-Butanone
Concen: 233.503 ug/l
RT: 6.896 min Scan# 8
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion: 43 Resp: 114117

Ion	Ratio	Lower	Upper
43	100		
72	28.8	21.4	32.2

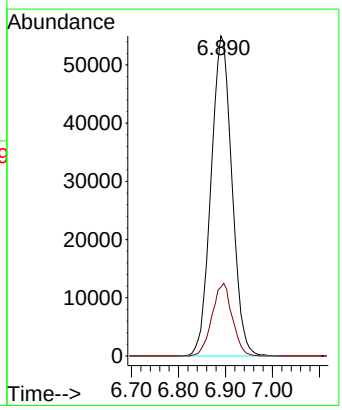


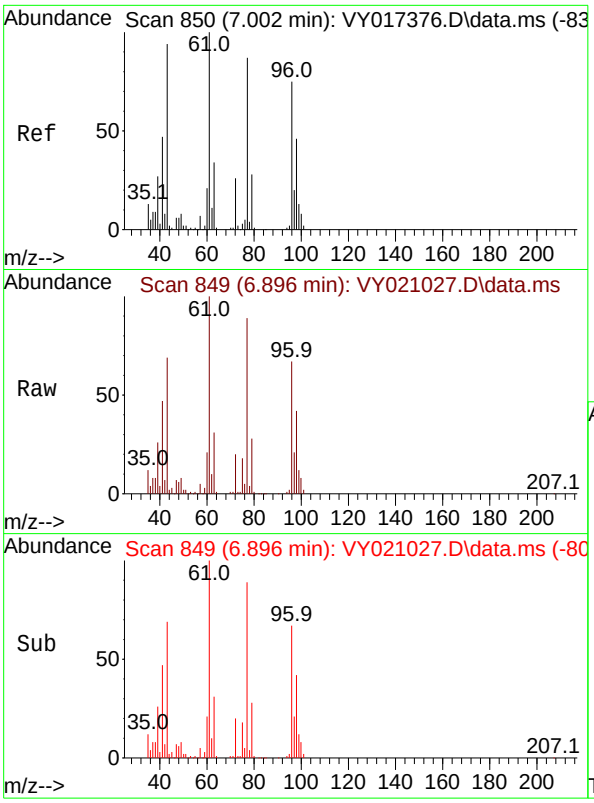


#26
2,2-Dichloropropane
Concen: 50.791 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 77 Resp: 169757

Ion	Ratio	Lower	Upper
77	100		
97	21.9	11.7	35.0



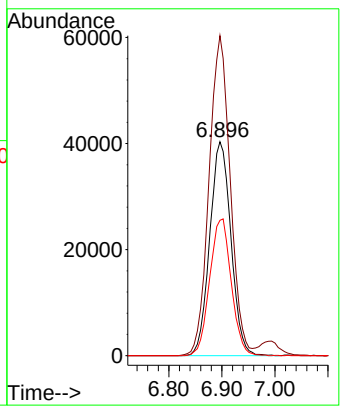


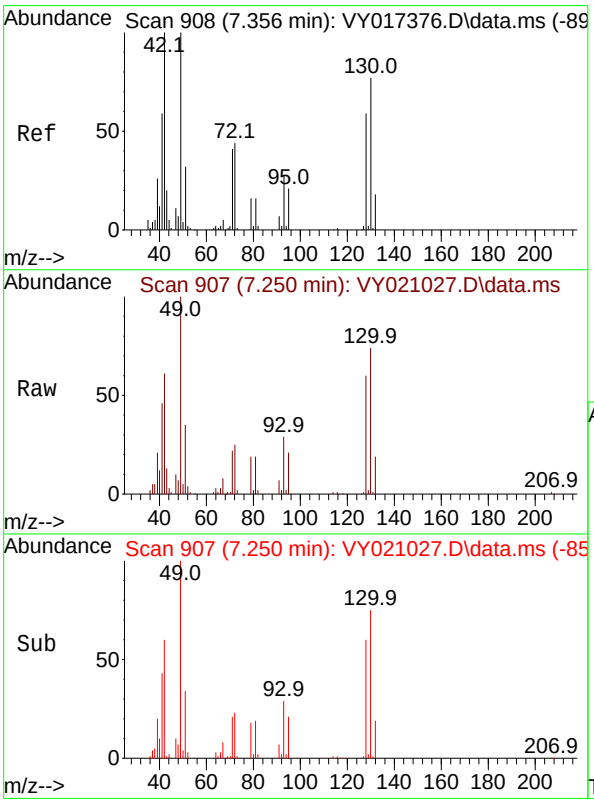
#27
cis-1,2-Dichloroethene
Concen: 49.785 ug/l
RT: 6.896 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion: 96 Resp: 111947

Ion	Ratio	Lower	Upper
96	100		
61	149.6	0.0	278.8
98	65.1	0.0	127.0

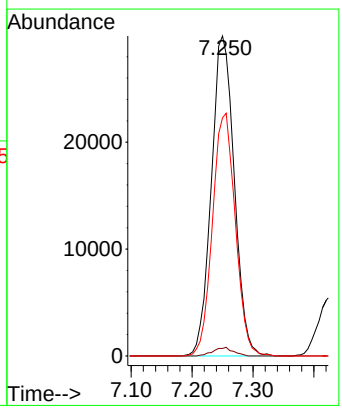


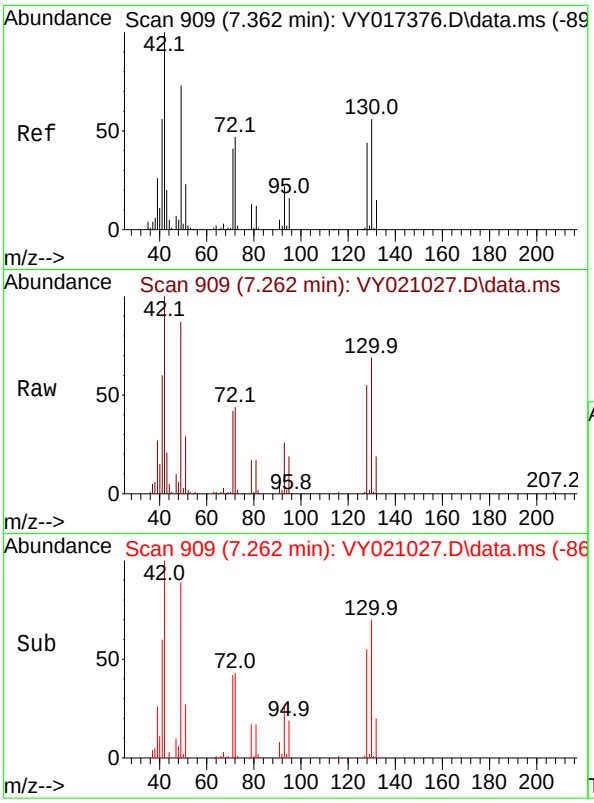


#28
Bromochloromethane
Concen: 54.731 ug/l
RT: 7.250 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 49 Resp: 78173

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	3.8
130	75.7	59.8	89.8



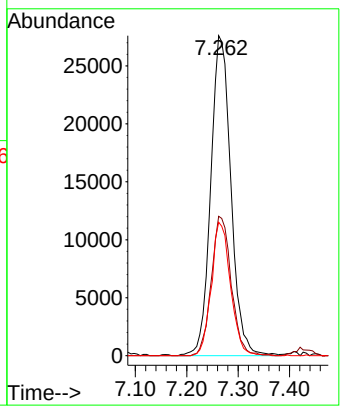


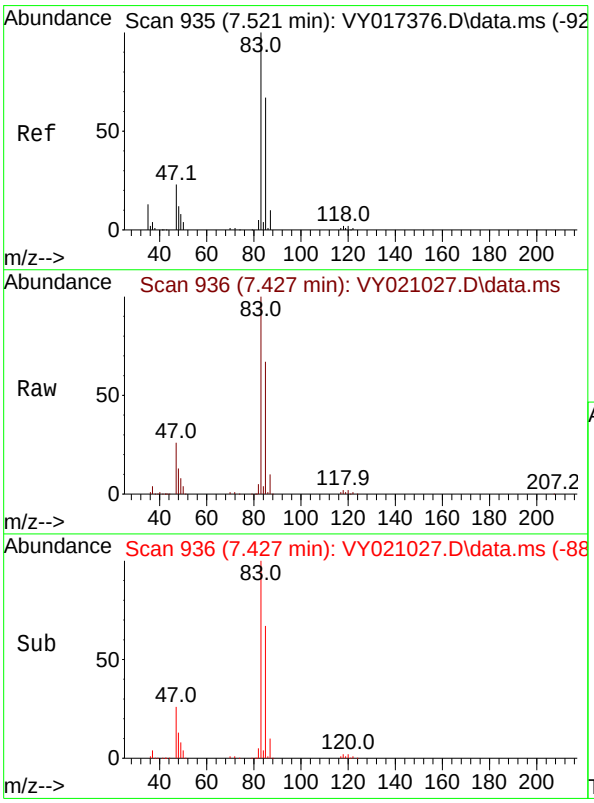
#29
Tetrahydrofuran
Concen: 228.139 ug/l
RT: 7.262 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion: 42 Resp: 75445

Ion	Ratio	Lower	Upper
42	100		
72	42.8	36.6	54.8
71	39.7	33.8	50.6

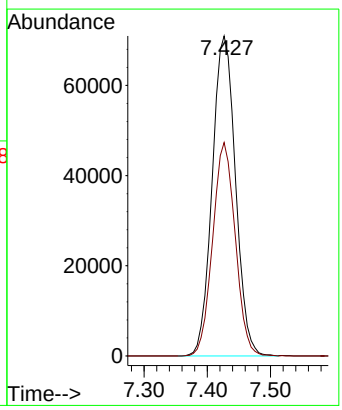


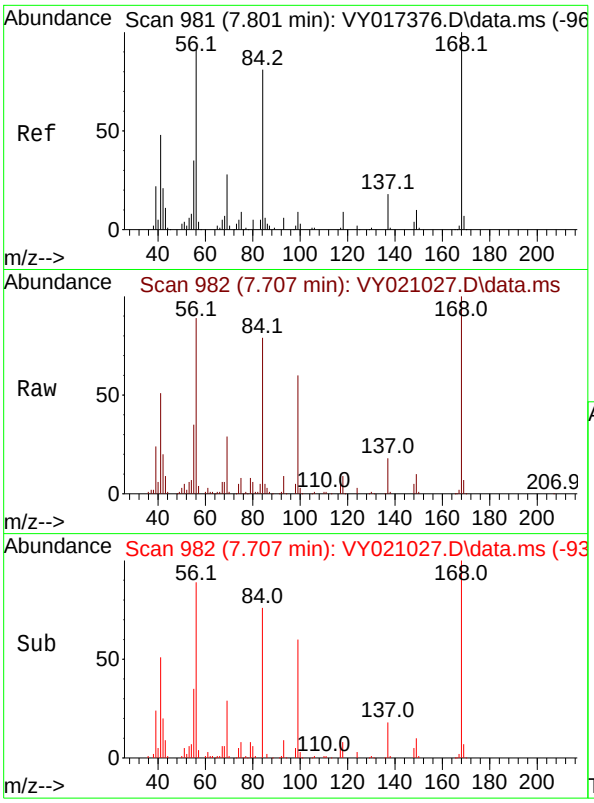


#30
Chloroform
Concen: 48.846 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 83 Resp: 181229

Ion	Ratio	Lower	Upper
83	100		
85	66.7	51.2	76.8



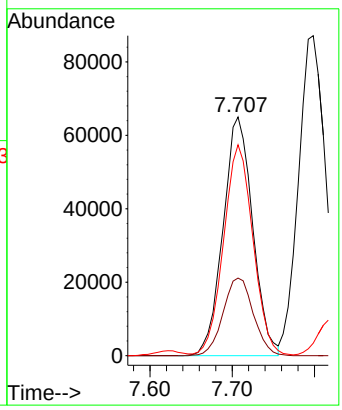


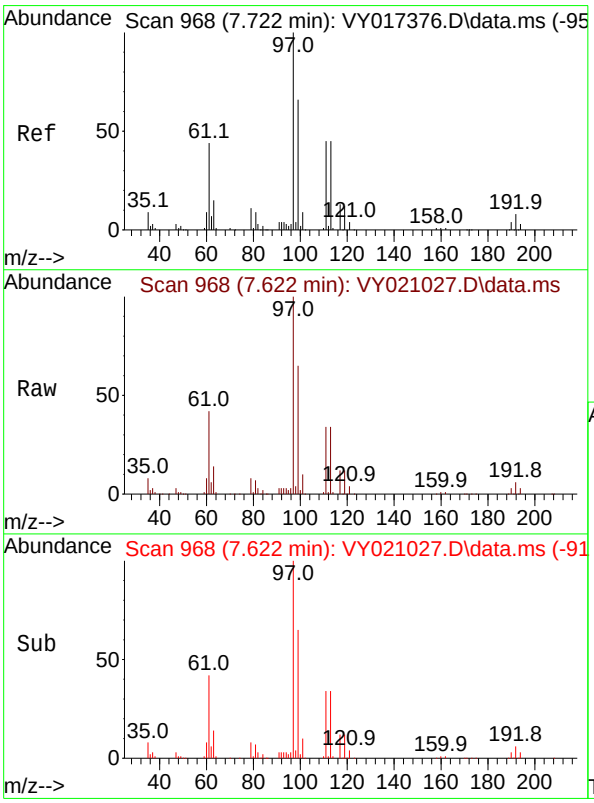
#31
Cyclohexane
Concen: 50.051 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion: 56 Resp: 162806

Ion	Ratio	Lower	Upper
56	100		
69	32.5	27.0	40.6
84	86.9	71.8	107.6

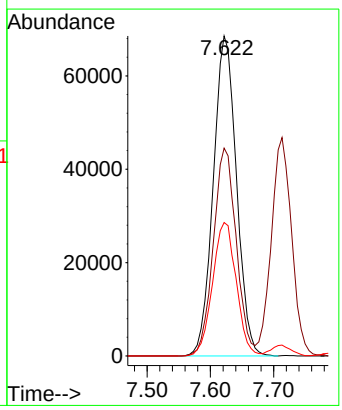


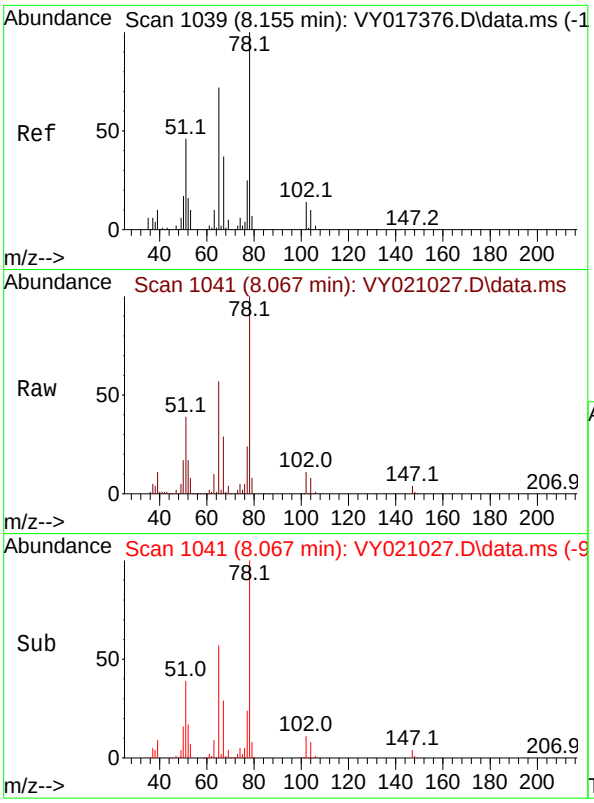


#32
1,1,1-Trichloroethane
Concen: 50.620 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 97 Resp: 174612

Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.2	76.8
61	42.6	35.0	52.6



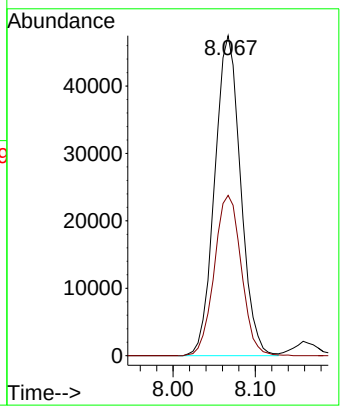


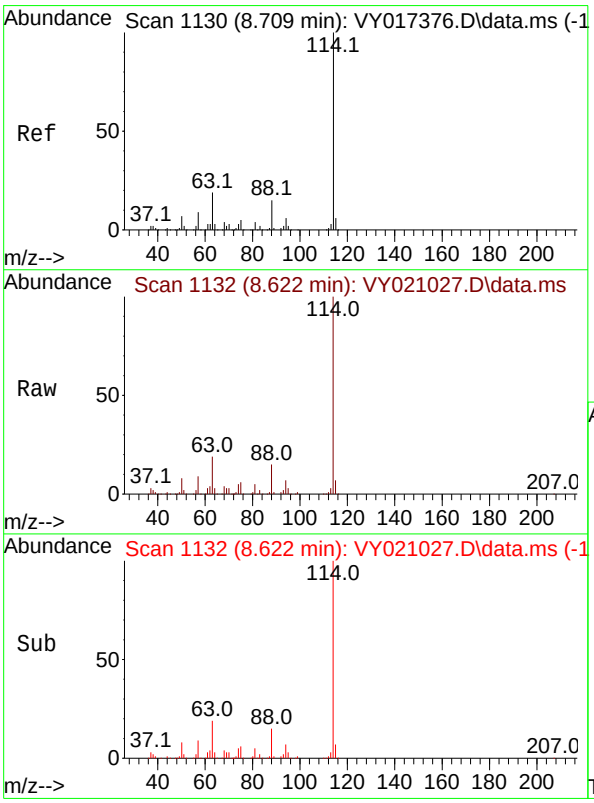
#33
1,2-Dichloroethane-d4
Concen: 54.604 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion: 65 Resp: 104134

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	109.0

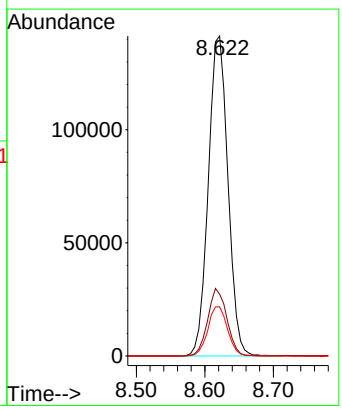


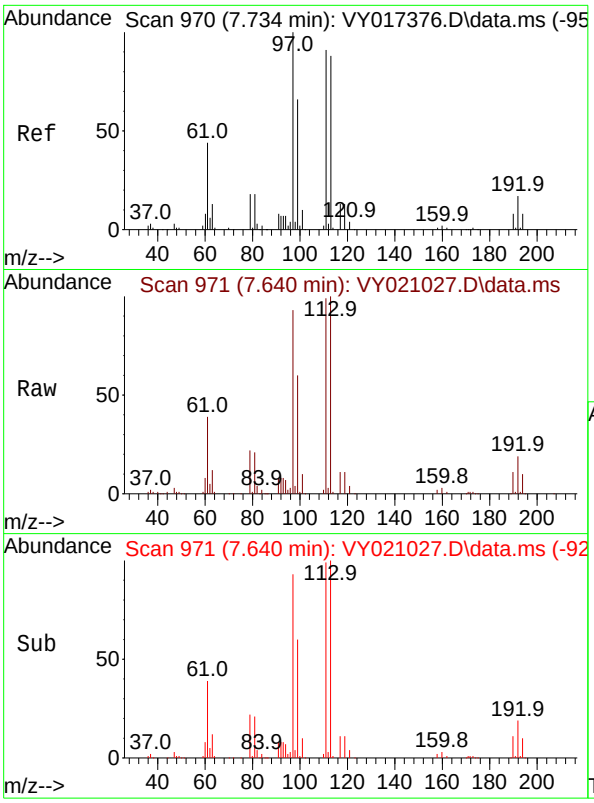


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:114 Resp: 280950

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	37.4
88	15.4	0.0	29.0



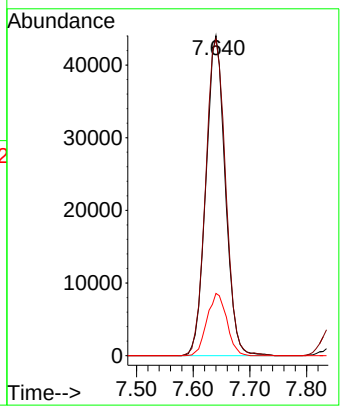


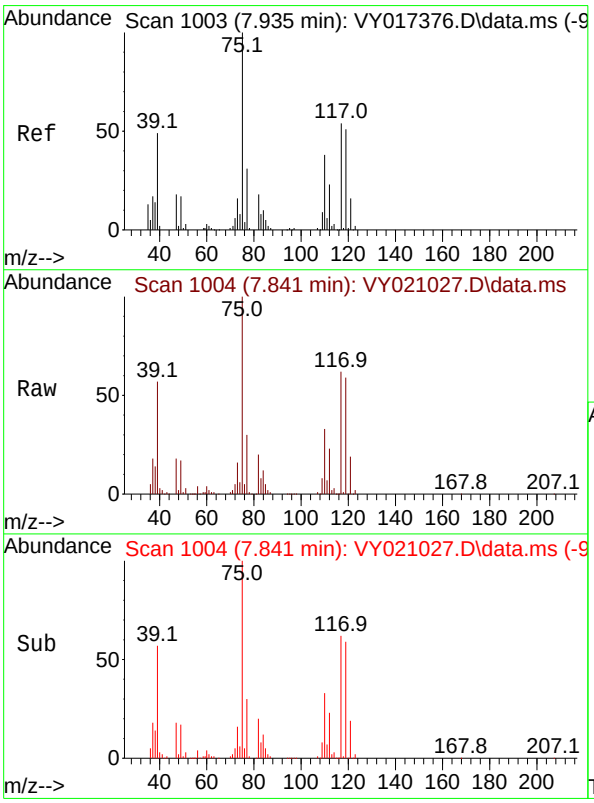
#35
Dibromofluoromethane
Concen: 57.790 ug/l
RT: 7.640 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion:113 Resp: 104051

Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.8	125.6
192	20.0	14.5	21.7

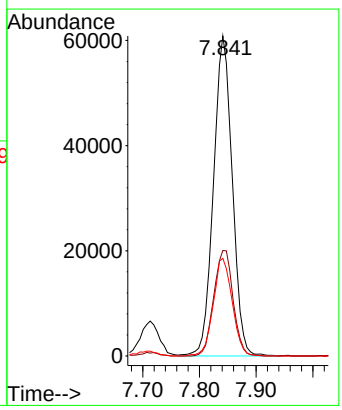


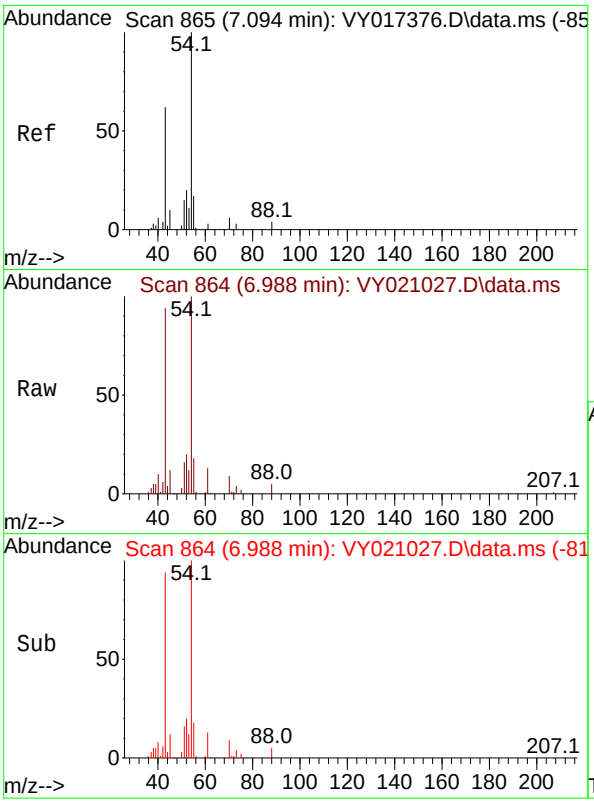


#36
1,1-Dichloropropene
Concen: 52.625 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 75 Resp: 140344

Ion	Ratio	Lower	Upper
75	100		
110	33.8	17.4	52.3
77	30.7	24.7	37.1



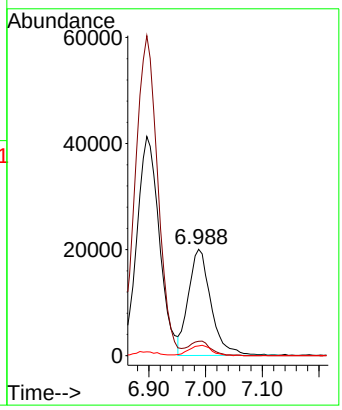


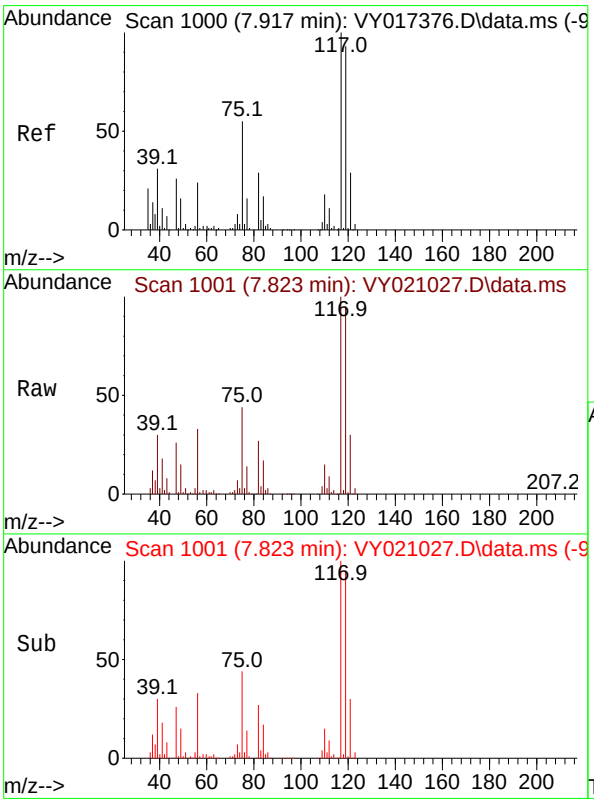
#37
Ethyl Acetate
Concen: 47.006 ug/l
RT: 6.988 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion: 43 Resp: 54994

Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.6
70	9.7	8.1	12.1

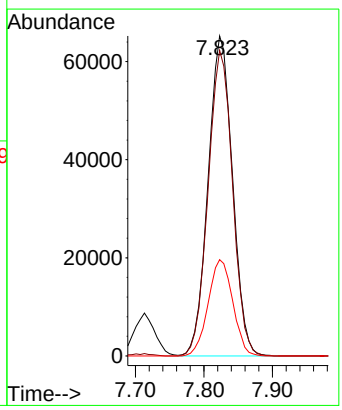


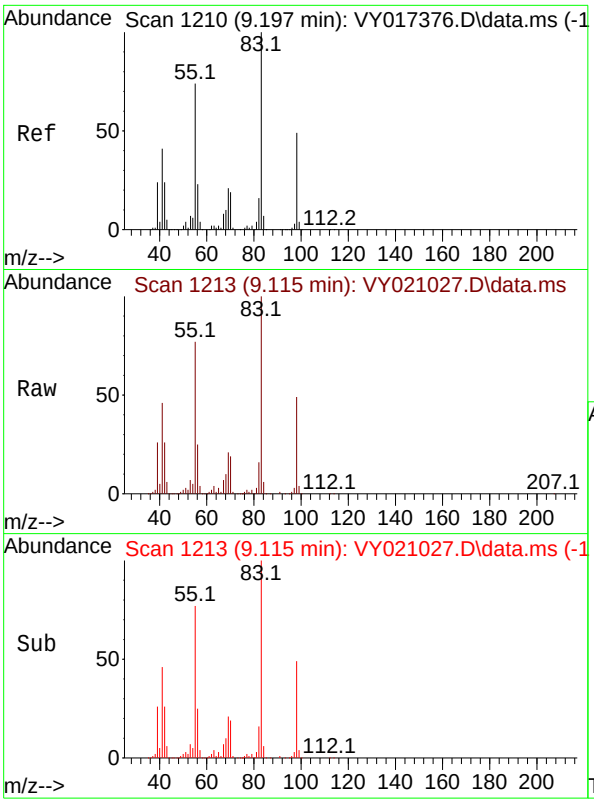


#38
Carbon Tetrachloride
Concen: 51.711 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:117 Resp: 161137

Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.0	114.0
121	30.1	24.2	36.2



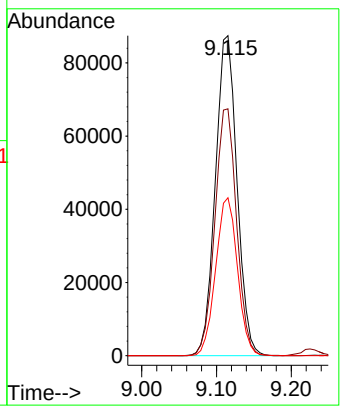


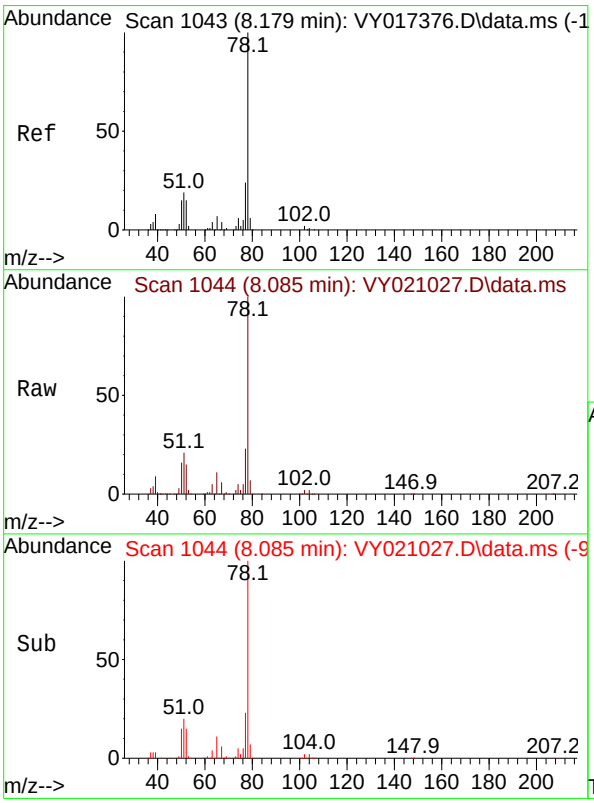
#39
Methylcyclohexane
Concen: 54.123 ug/l
RT: 9.115 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion: 83 Resp: 176554

Ion	Ratio	Lower	Upper
83	100		
55	77.1	59.7	89.5
98	49.4	38.0	57.0

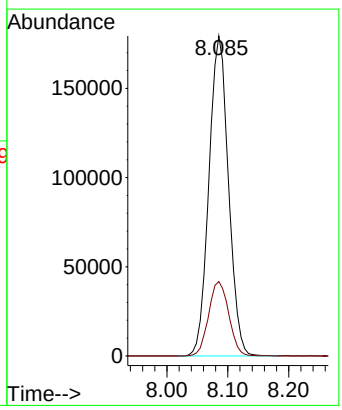


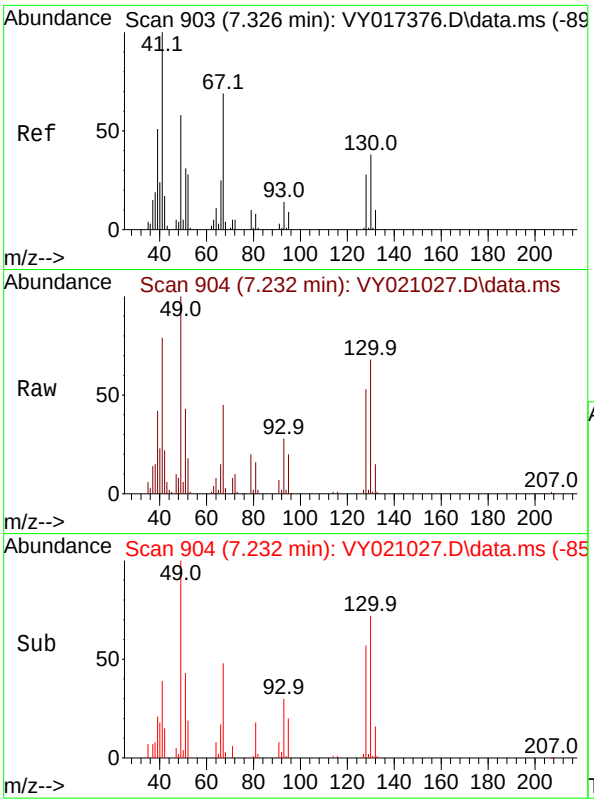


#40
Benzene
Concen: 51.052 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 78 Resp: 399547

Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.8	28.2



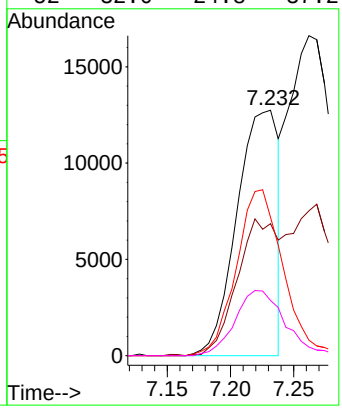


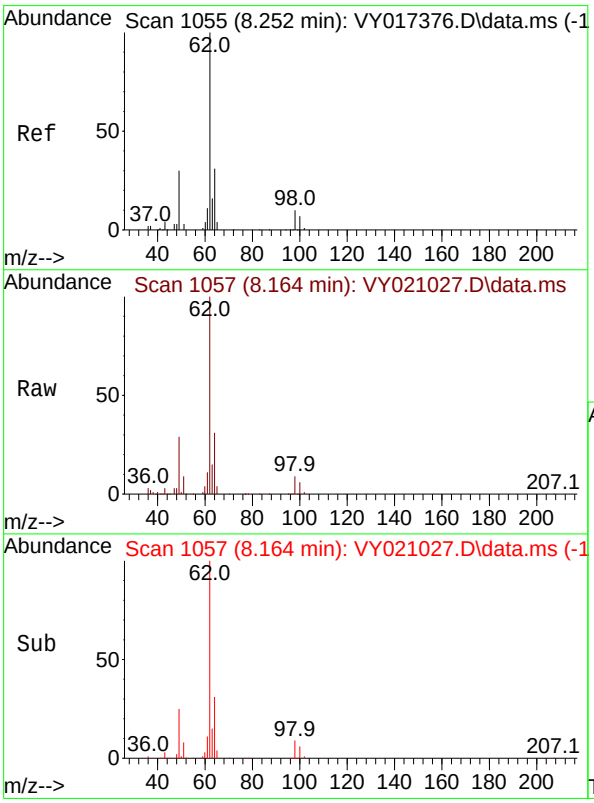
#41
Methacrylonitrile
Concen: 43.131 ug/l
RT: 7.232 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion: 41 Resp: 29193

Ion	Ratio	Lower	Upper
41	100		
39	53.8	41.9	62.9
67	76.7	59.8	89.6
52	32.0	24.8	37.2

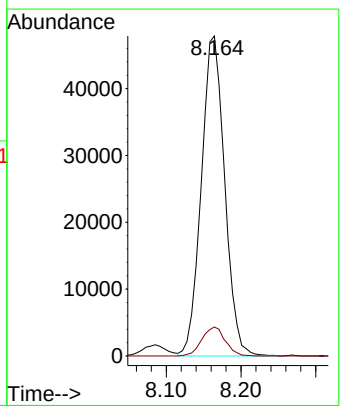


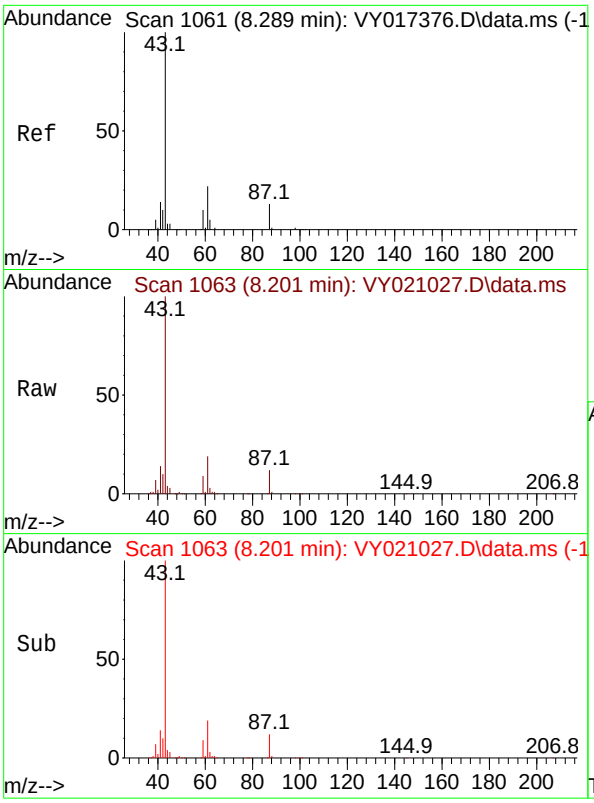


#42
1,2-Dichloroethane
Concen: 47.910 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 62 Resp: 104015

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	20.2



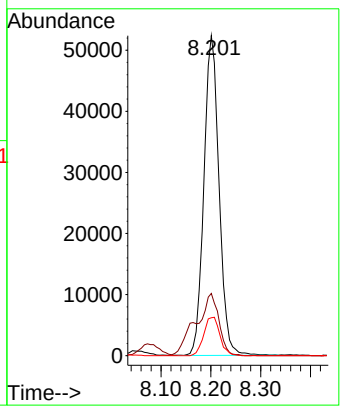


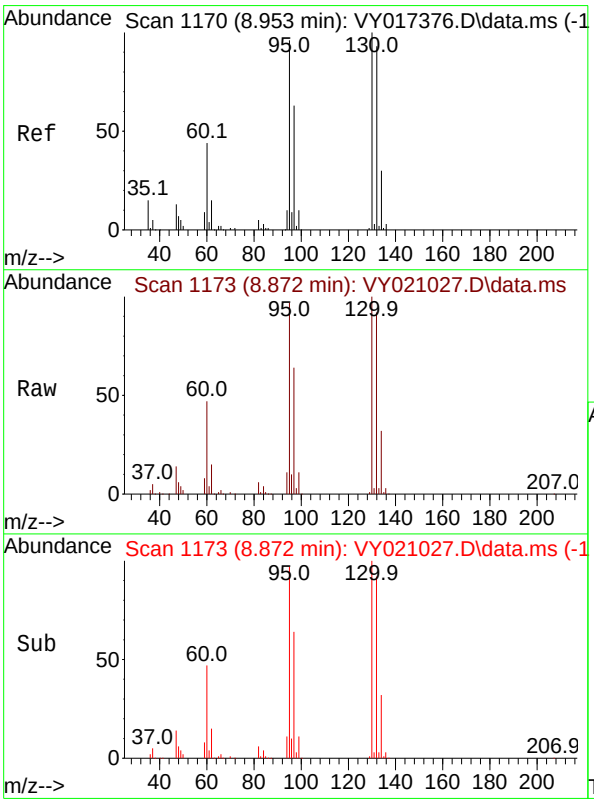
#43
Isopropyl Acetate
Concen: 47.523 ug/l
RT: 8.201 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion: 43 Resp: 110476

Ion	Ratio	Lower	Upper
43	100		
61	29.5	24.8	37.2
87	12.8	10.7	16.1

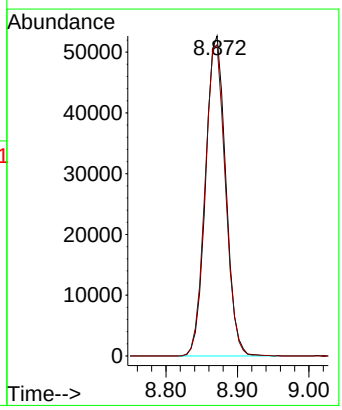


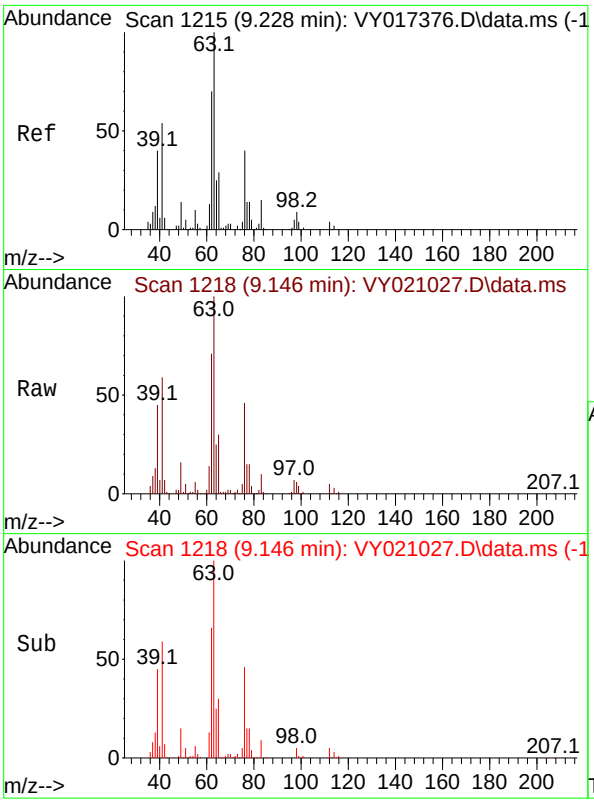


#44
Trichloroethene
Concen: 50.777 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:130 Resp: 102671

Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	203.8



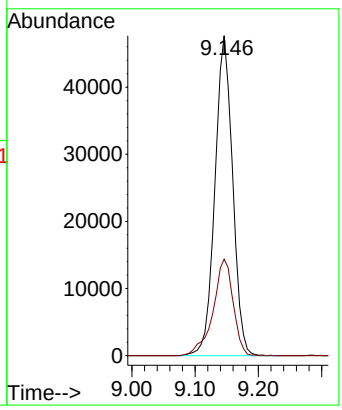


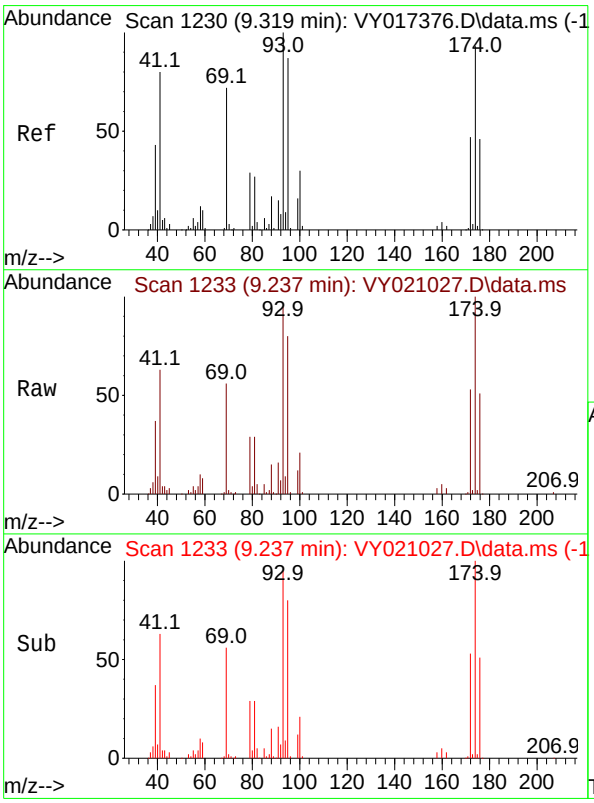
#45
1,2-Dichloropropane
Concen: 49.666 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion: 63 Resp: 92259

Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.6	36.8

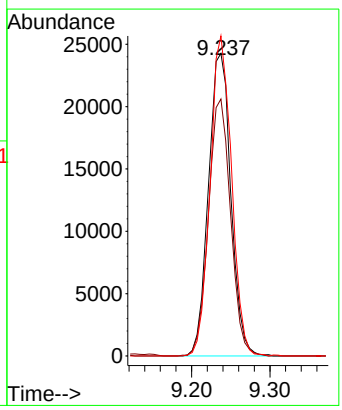


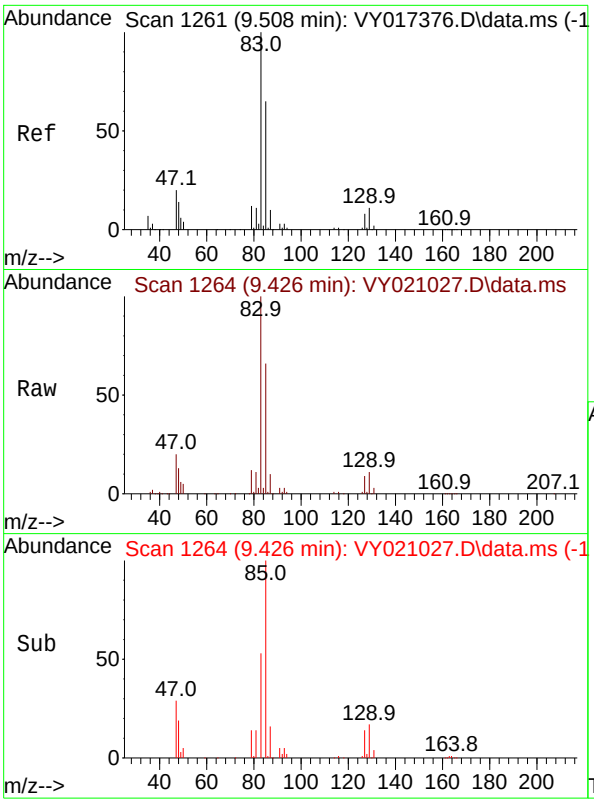


#46
Dibromomethane
Concen: 46.914 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 93 Resp: 48251

Ion	Ratio	Lower	Upper
93	100		
95	83.8	66.6	99.8
174	101.3	73.8	110.6



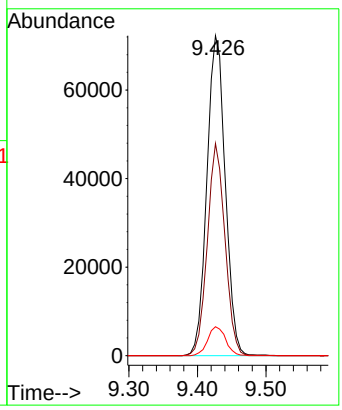


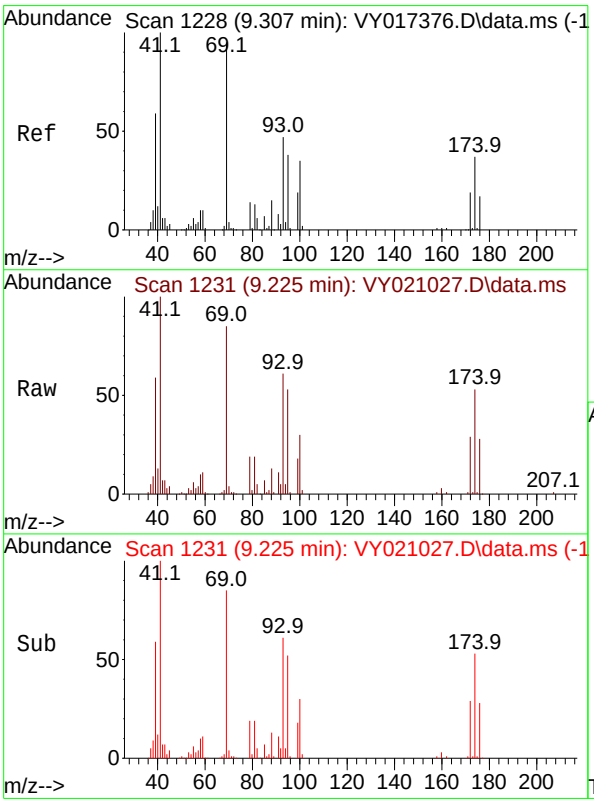
#47
Bromodichloromethane
Concen: 48.799 ug/l
RT: 9.426 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion: 83 Resp: 134607

Ion	Ratio	Lower	Upper
83	100		
85	66.3	53.2	79.8
127	9.1	6.4	9.6

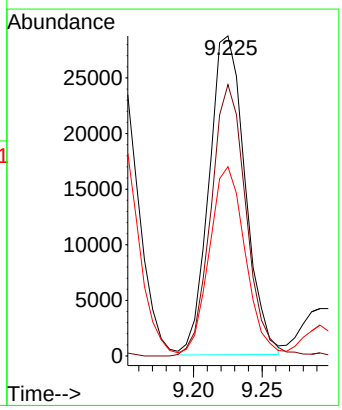


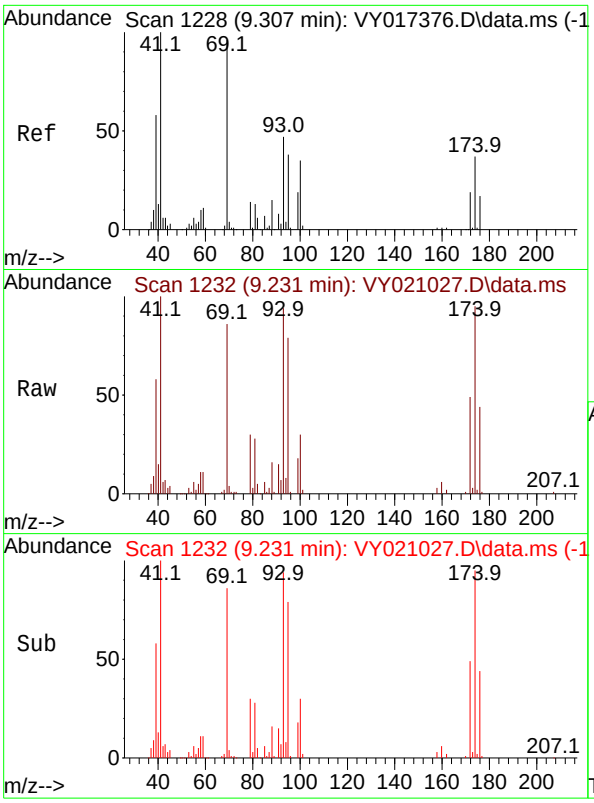


#48
Methyl methacrylate
Concen: 49.560 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 41 Resp: 52480

Ion	Ratio	Lower	Upper
41	100		
69	83.0	72.1	108.1
39	57.2	42.8	64.2



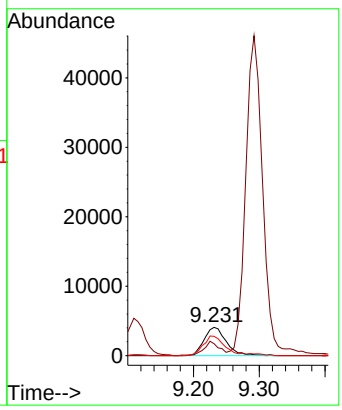


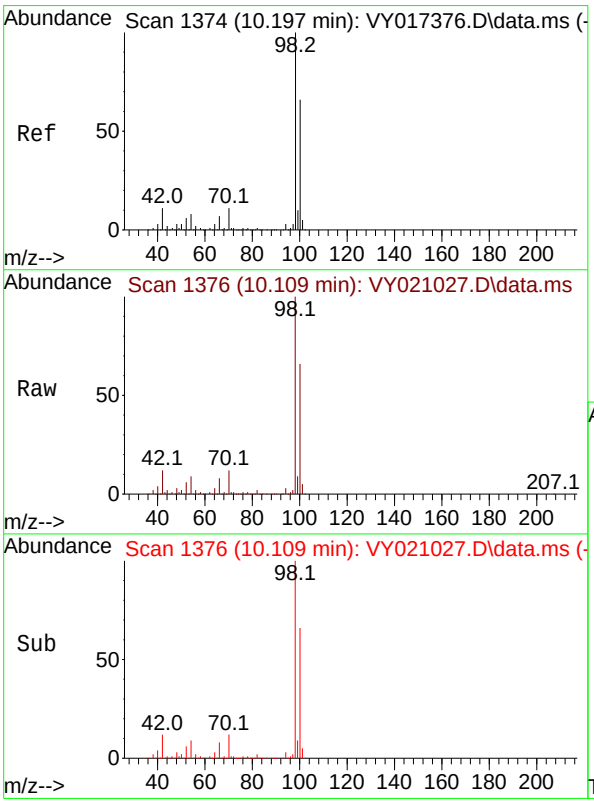
#49
1,4-Dioxane
Concen: 1001.398 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion: 88 Resp: 9588

Ion	Ratio	Lower	Upper
88	100		
43	35.5	28.2	42.4
58	66.7	52.2	78.2

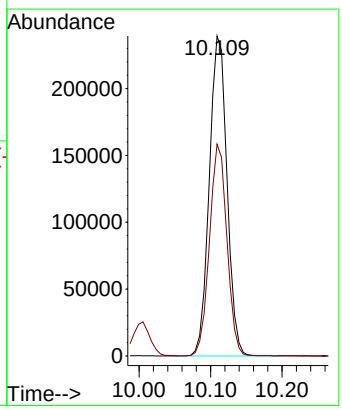


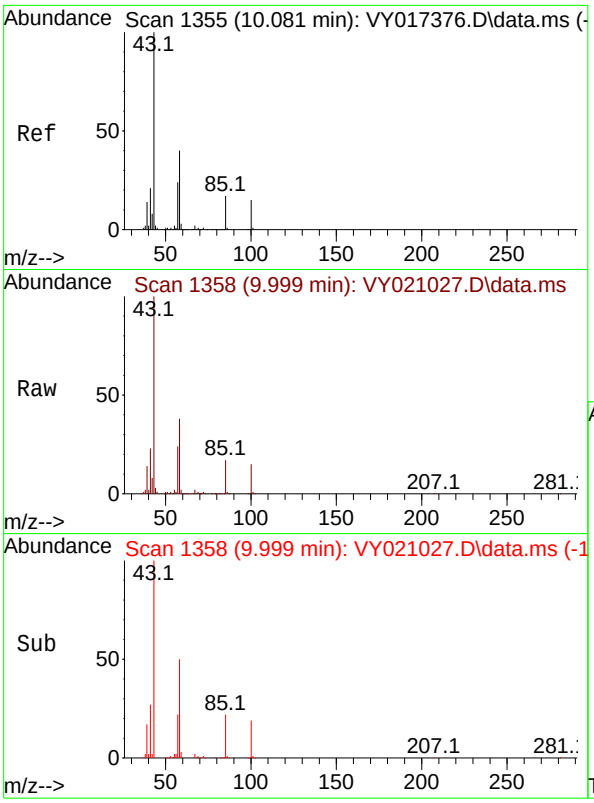


#50
Toluene-d8
Concen: 59.966 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 98 Resp: 411045

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.3	78.5



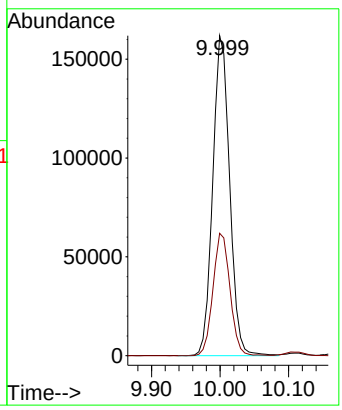


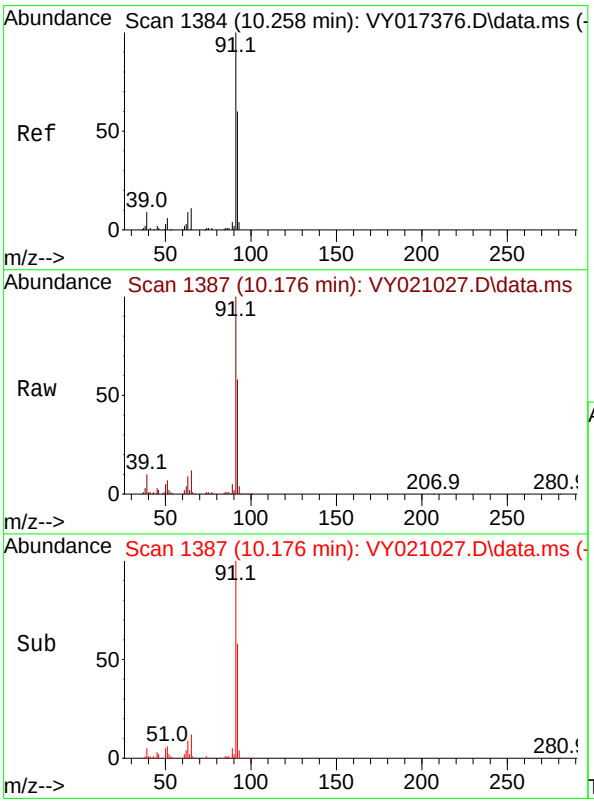
#51
4-Methyl-2-Pentanone
Concen: 236.615 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion: 43 Resp: 276605

Ion	Ratio	Lower	Upper
43	100		
58	38.6	32.2	48.2

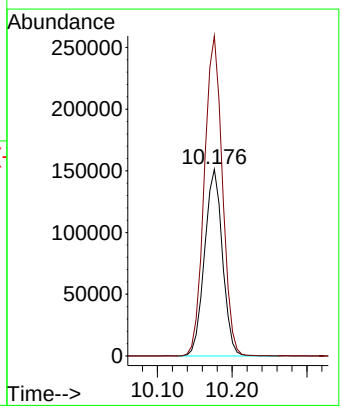


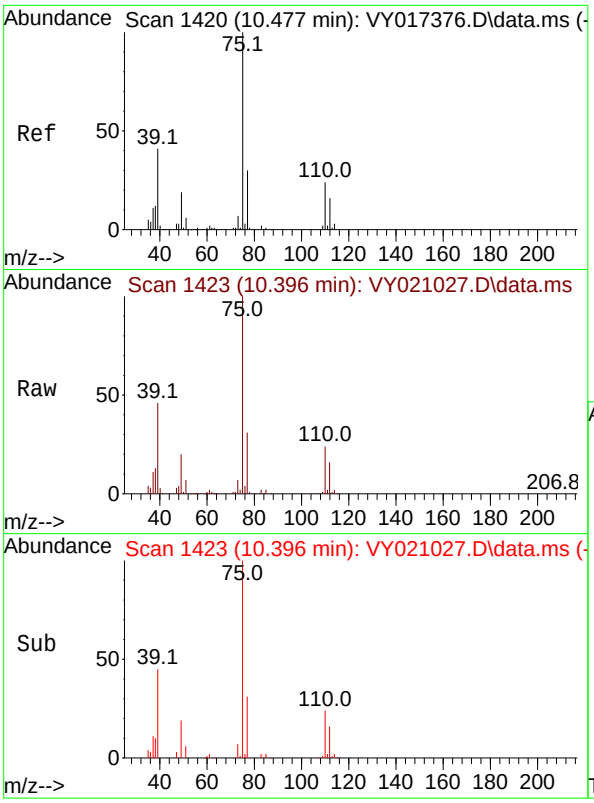


#52
Toluene
Concen: 51.135 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 92 Resp: 251287

Ion	Ratio	Lower	Upper
92	100		
91	173.2	137.6	206.4



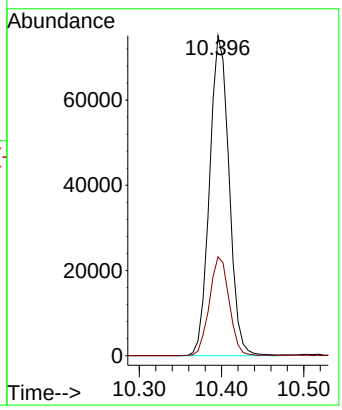


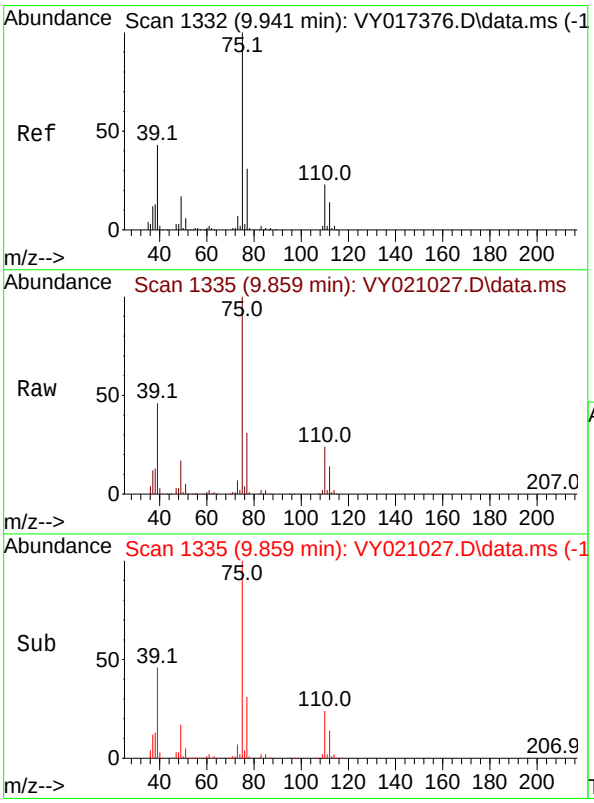
#53
t-1,3-Dichloropropene
Concen: 49.950 ug/l
RT: 10.396 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion: 75 Resp: 123718

Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.6	36.8

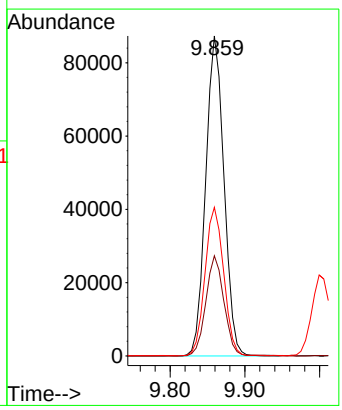


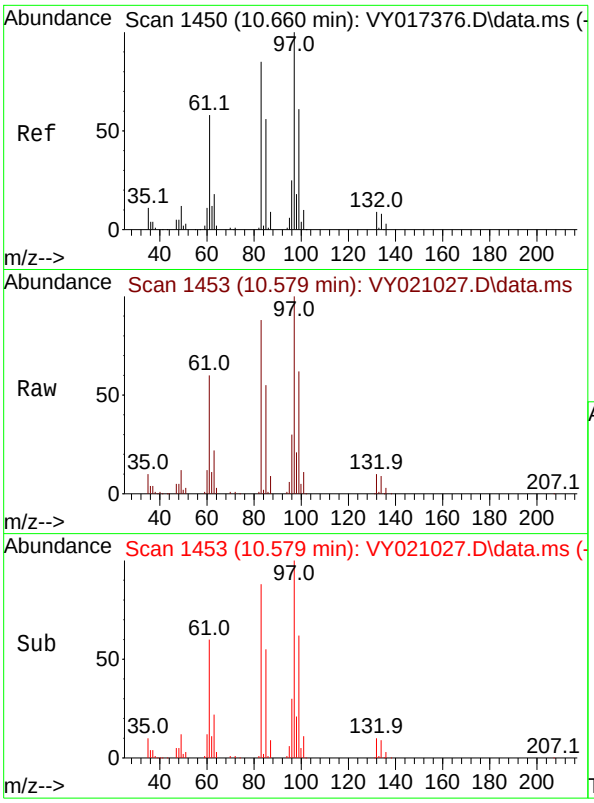


#54
cis-1,3-Dichloropropene
Concen: 50.550 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 75 Resp: 148244

Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.6	36.8
39	46.4	33.6	50.4



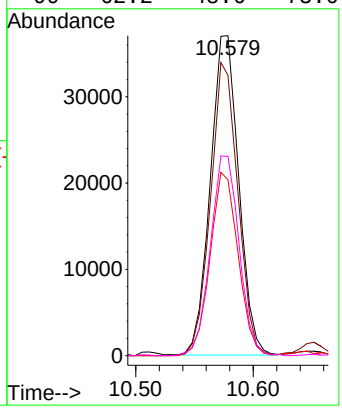


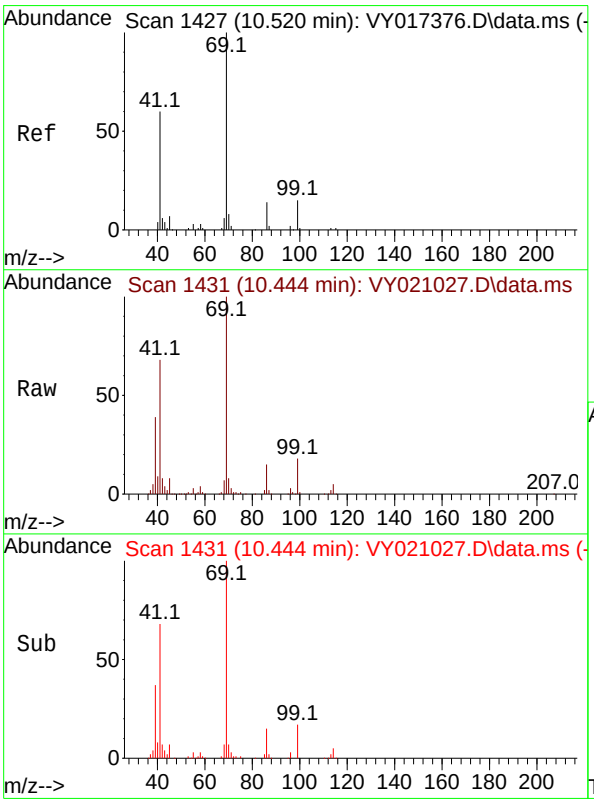
#55
1,1,2-Trichloroethane
Concen: 46.820 ug/l
RT: 10.579 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion: 97 Resp: 62357

Ion	Ratio	Lower	Upper
97	100		
83	87.5	69.4	104.2
85	55.1	43.9	65.9
99	62.2	48.6	73.0

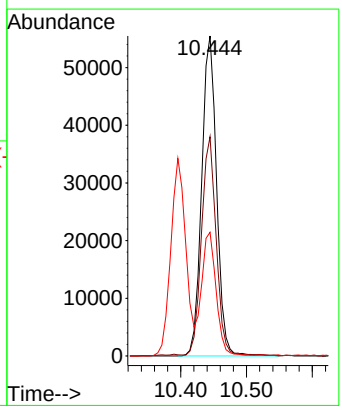


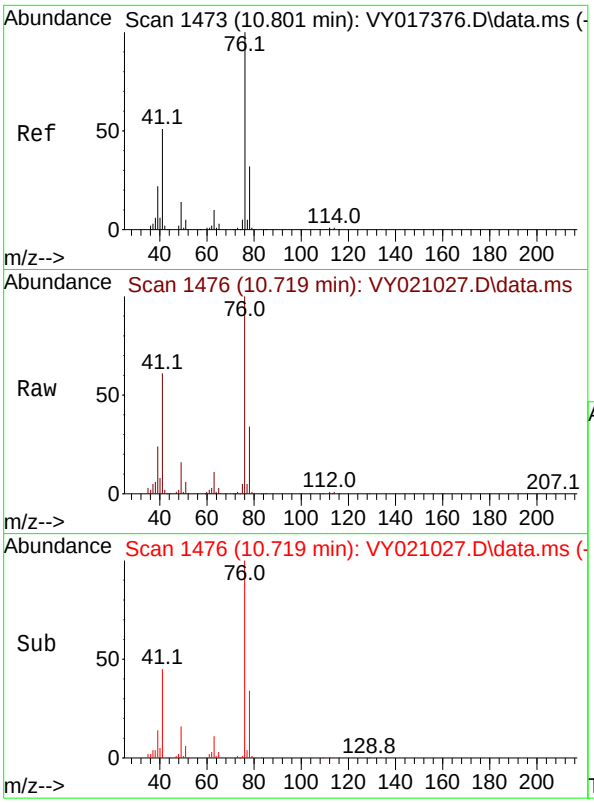


#56
Ethyl methacrylate
Concen: 49.082 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 69 Resp: 87450

Ion	Ratio	Lower	Upper
69	100		
41	66.5	49.2	73.8
39	37.5	26.8	40.2



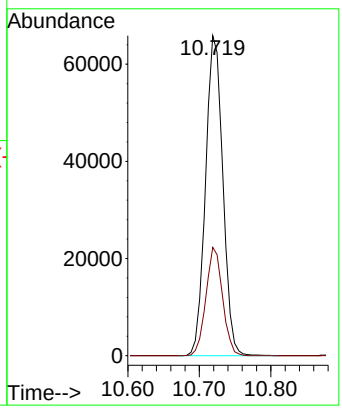


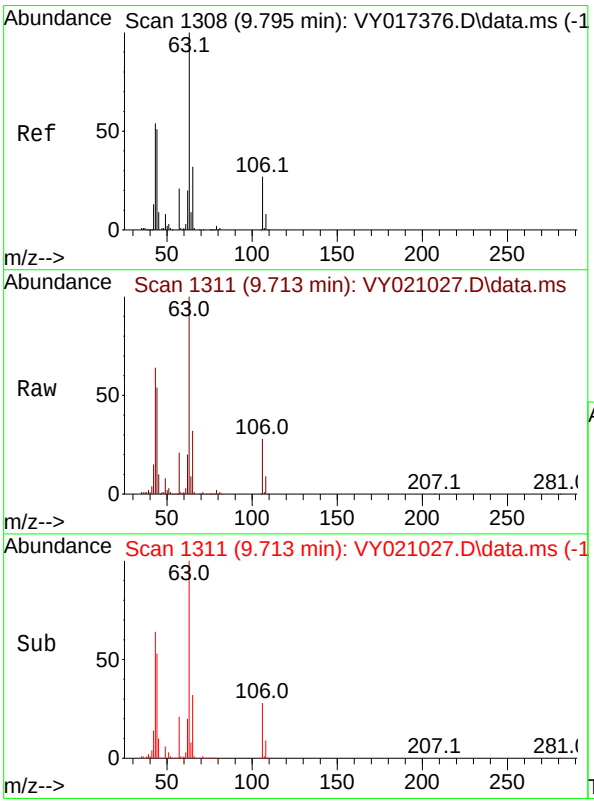
#57
1,3-Dichloropropane
Concen: 47.980 ug/l
RT: 10.719 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion: 76 Resp: 110606

Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.1	39.1

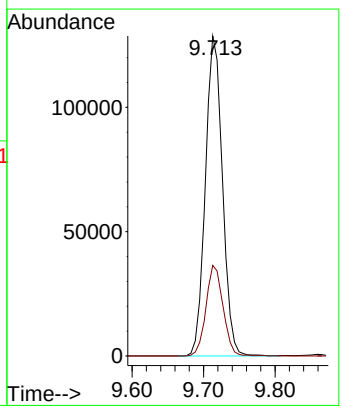


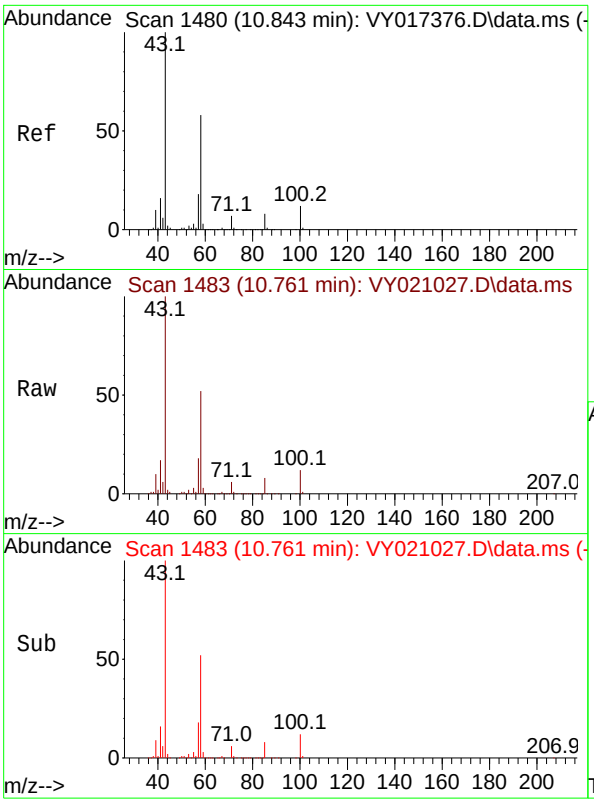


#58
2-Chloroethyl Vinyl ether
Concen: 251.852 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 63 Resp: 213481

Ion	Ratio	Lower	Upper
63	100		
106	28.3	22.4	33.6



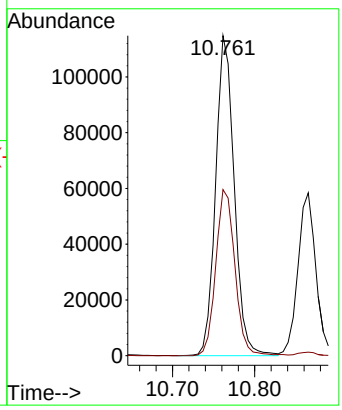


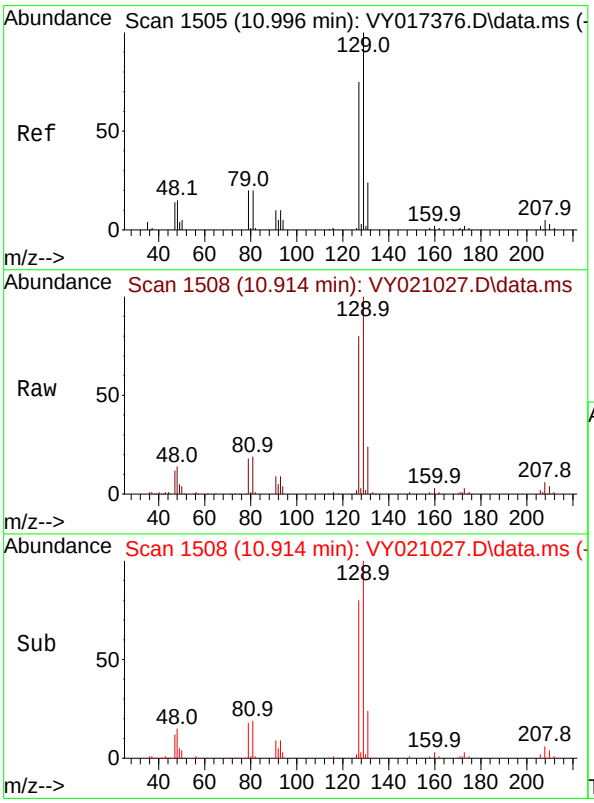
#59
2-Hexanone
Concen: 239.750 ug/l
RT: 10.761 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion: 43 Resp: 180455

Ion	Ratio	Lower	Upper
43	100		
58	53.5	28.1	84.3

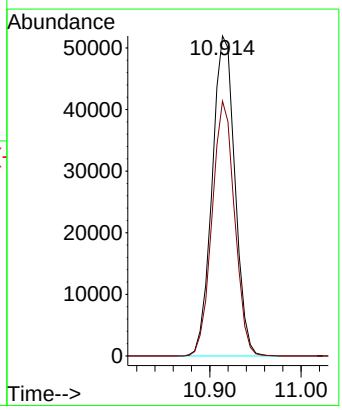


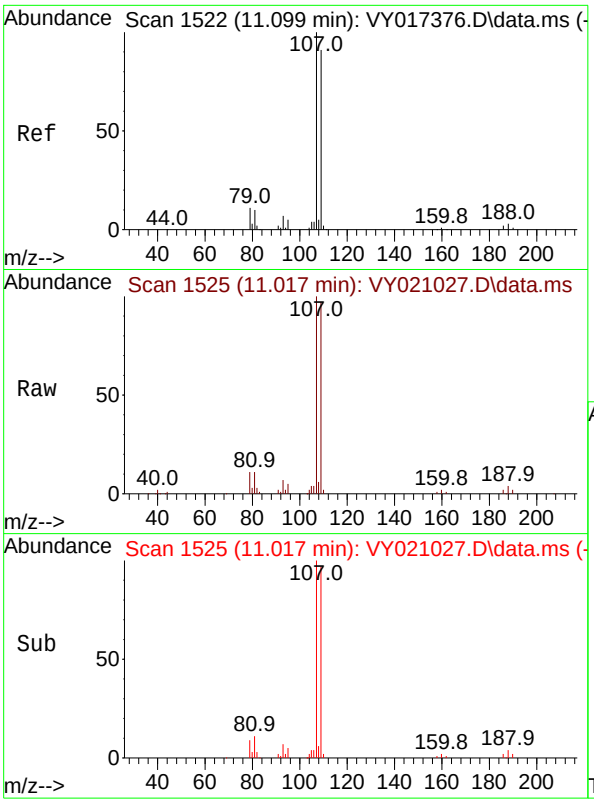


#60
Dibromochloromethane
Concen: 48.123 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:129 Resp: 90009

Ion	Ratio	Lower	Upper
129	100		
127	78.6	39.2	117.6



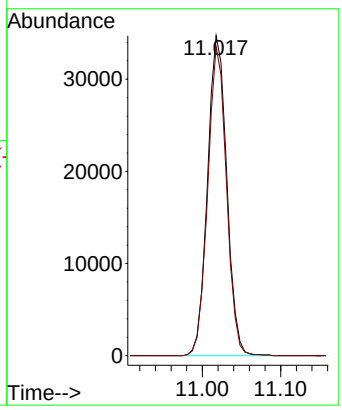


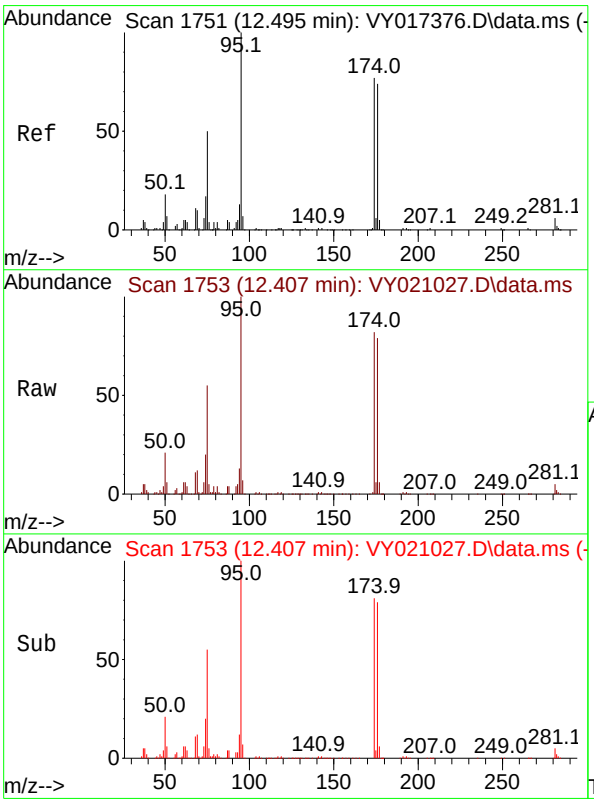
#61
1,2-Dibromoethane
Concen: 47.325 ug/l
RT: 11.017 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion:107 Resp: 59039

Ion	Ratio	Lower	Upper
107	100		
109	94.5	75.4	113.2

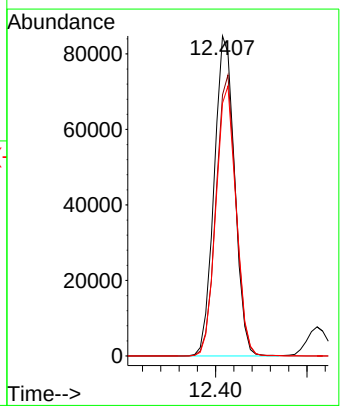


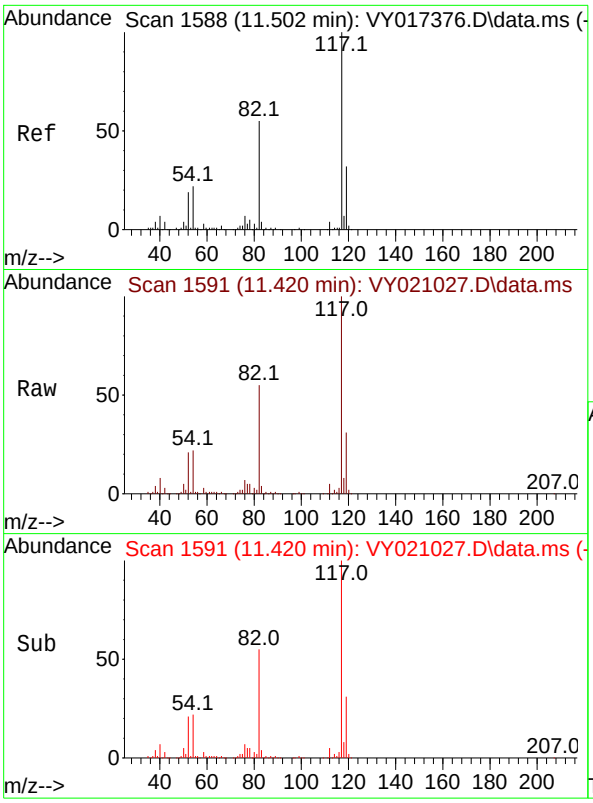


#62
4-Bromofluorobenzene
Concen: 58.919 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 95 Resp: 131943

Ion	Ratio	Lower	Upper
95	100		
174	85.5	0.0	160.0
176	83.2	0.0	151.8



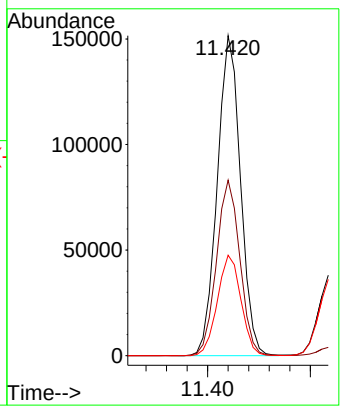


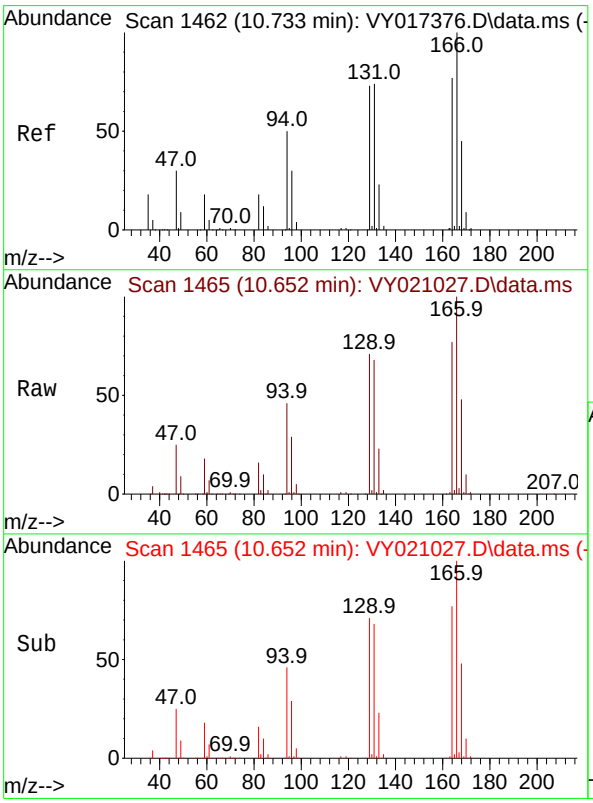
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion:117 Resp: 237569

Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.8	65.8
119	31.4	26.5	39.7

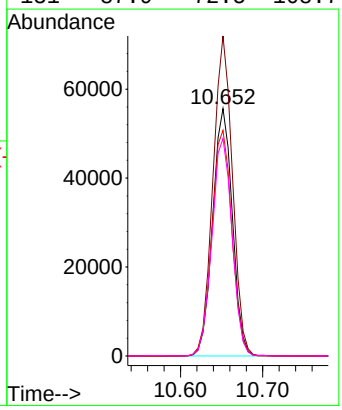


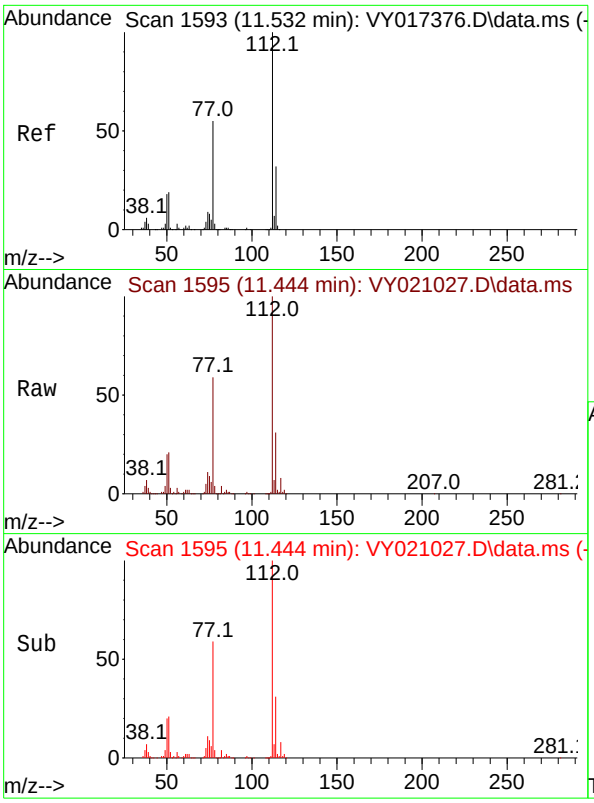


#64
Tetrachloroethene
Concen: 52.446 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:164 Resp: 92493

Ion	Ratio	Lower	Upper
164	100		
166	129.4	98.8	148.2
129	91.2	78.9	118.3
131	87.9	72.5	108.7



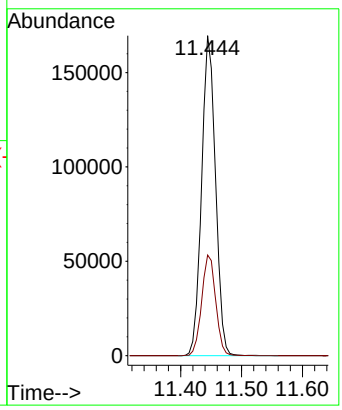


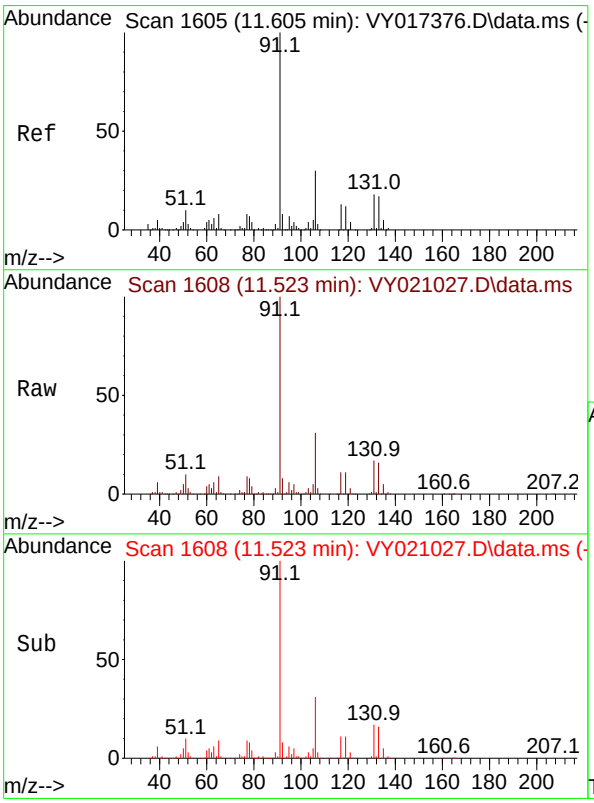
#65
Chlorobenzene
Concen: 50.766 ug/l
RT: 11.444 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion:112 Resp: 268544

Ion	Ratio	Lower	Upper
112	100		
114	31.5	26.1	39.1

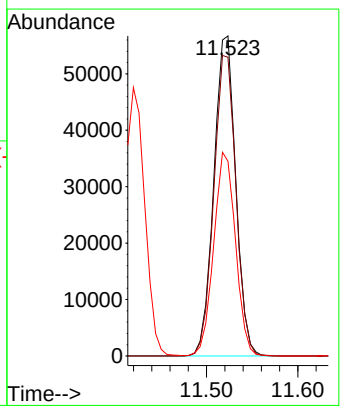


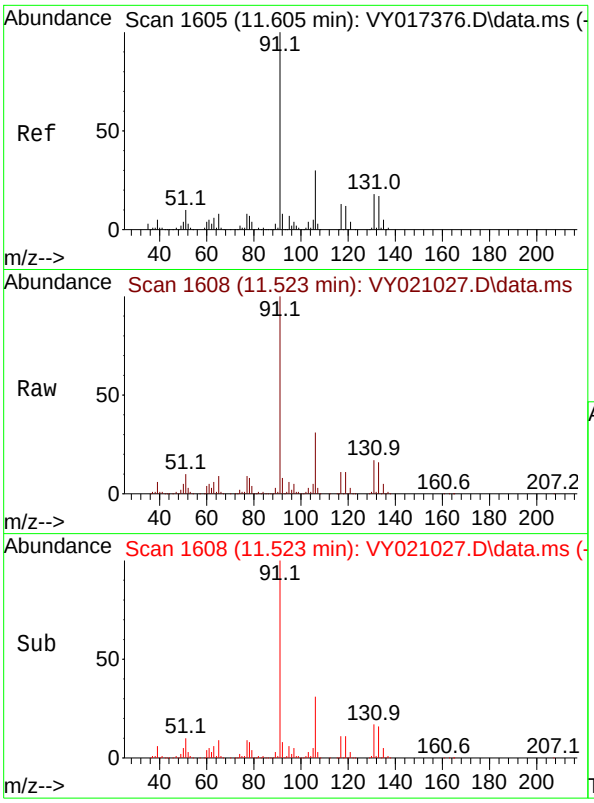


#66
1,1,1,2-Tetrachloroethane
Concen: 50.356 ug/l
RT: 11.523 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:131 Resp: 94662

Ion	Ratio	Lower	Upper
131	100		
133	94.7	47.0	141.0
119	63.3	33.3	99.9



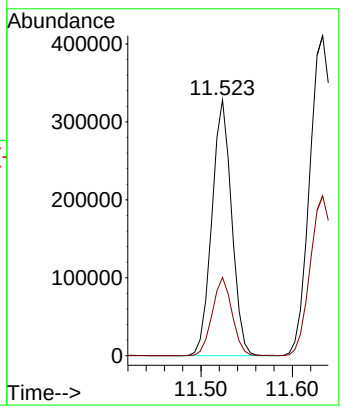


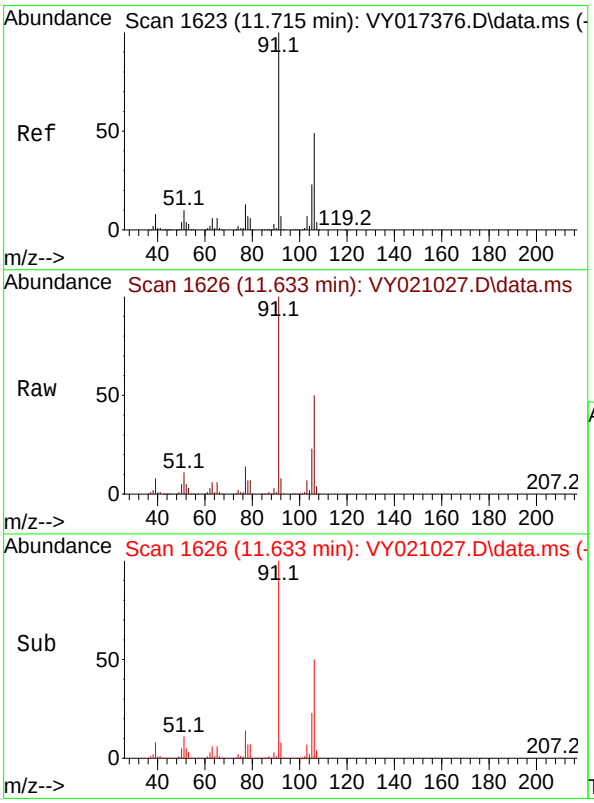
#67
Ethyl Benzene
Concen: 52.642 ug/l
RT: 11.523 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion: 91 Resp: 492537

Ion	Ratio	Lower	Upper
91	100		
106	30.6	25.0	37.4

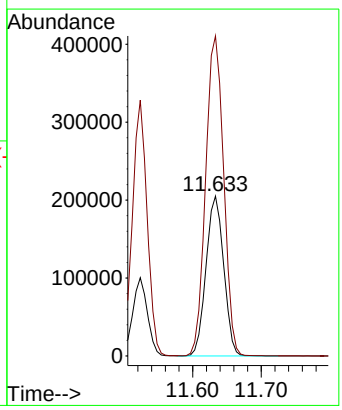


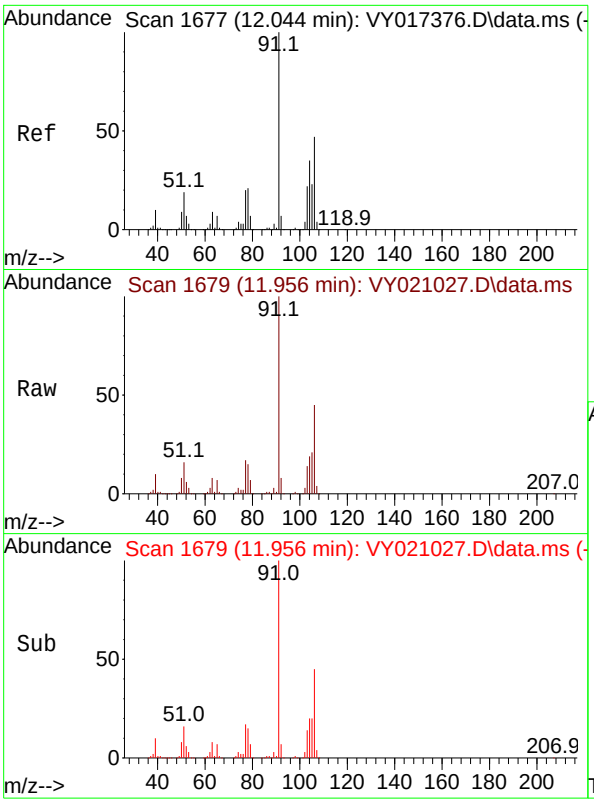


#68
m/p-Xylenes
Concen: 104.978 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:106 Resp: 367445

Ion	Ratio	Lower	Upper
106	100		
91	204.0	160.7	241.1



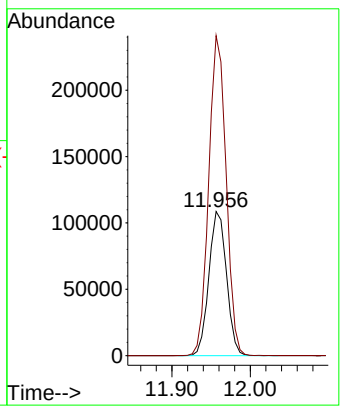


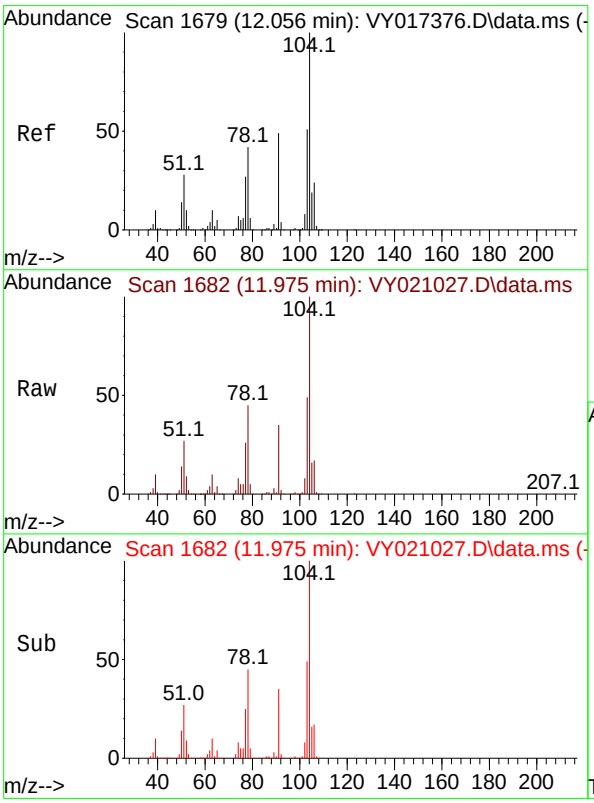
#69
o-Xylene
Concen: 52.062 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion:106 Resp: 169897

Ion	Ratio	Lower	Upper
106	100		
91	218.5	106.5	319.5

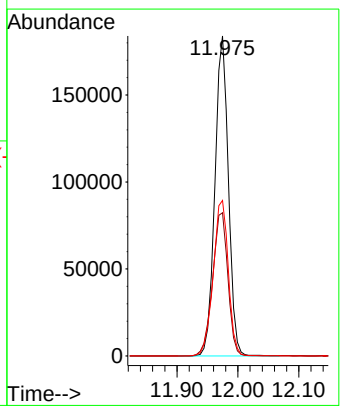


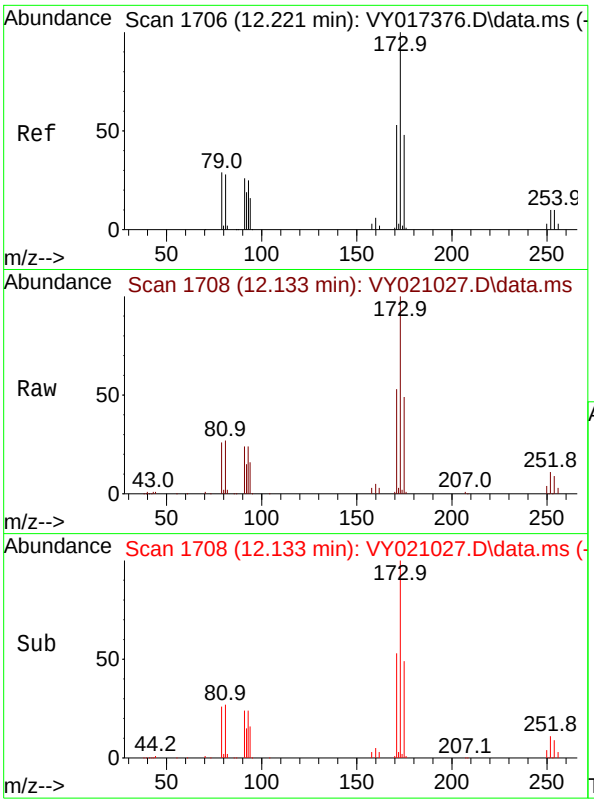


#70
Styrene
Concen: 52.009 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:104 Resp: 282879

Ion	Ratio	Lower	Upper
104	100		
78	50.8	39.2	58.8
103	54.5	43.8	65.6



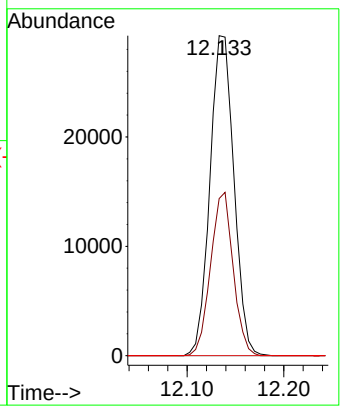


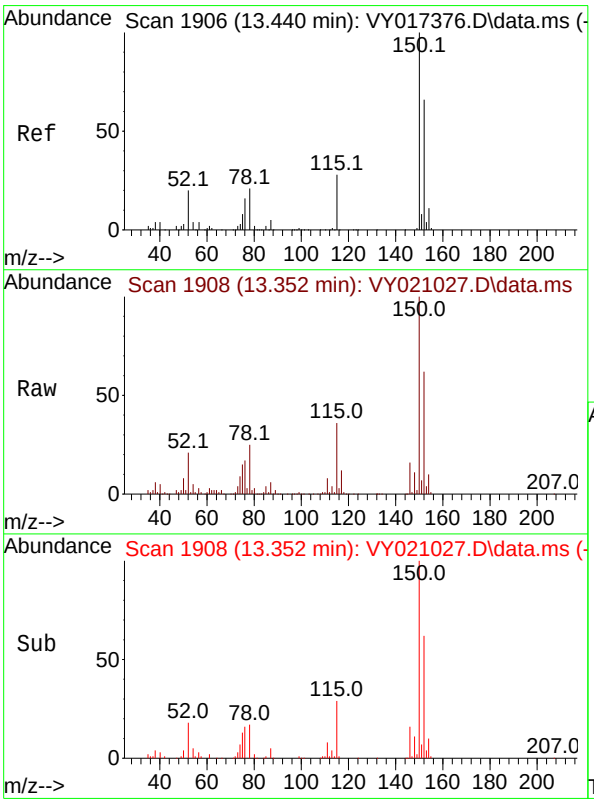
#71
Bromoform
Concen: 48.166 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion:173 Resp: 50400

Ion	Ratio	Lower	Upper
173	100		
175	48.0	23.5	70.6
254	0.0	0.0	0.0

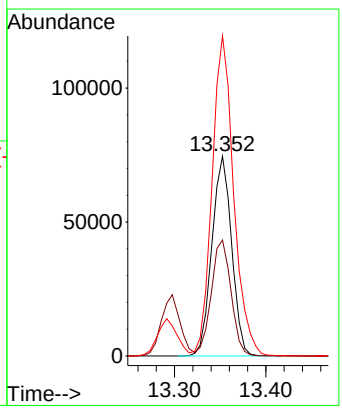


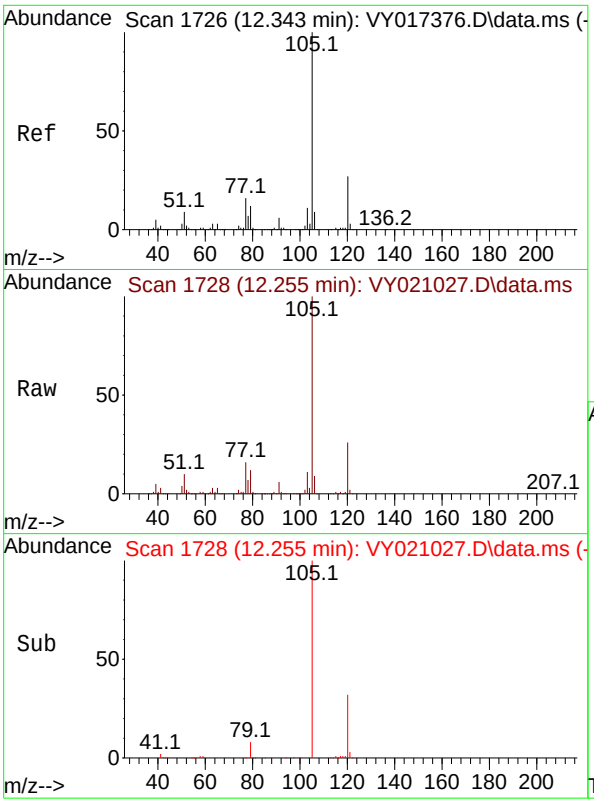


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:152 Resp: 112062

Ion	Ratio	Lower	Upper
152	100		
115	58.0	30.0	90.0
150	175.2	0.0	344.6



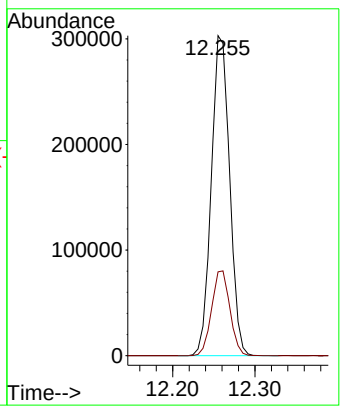


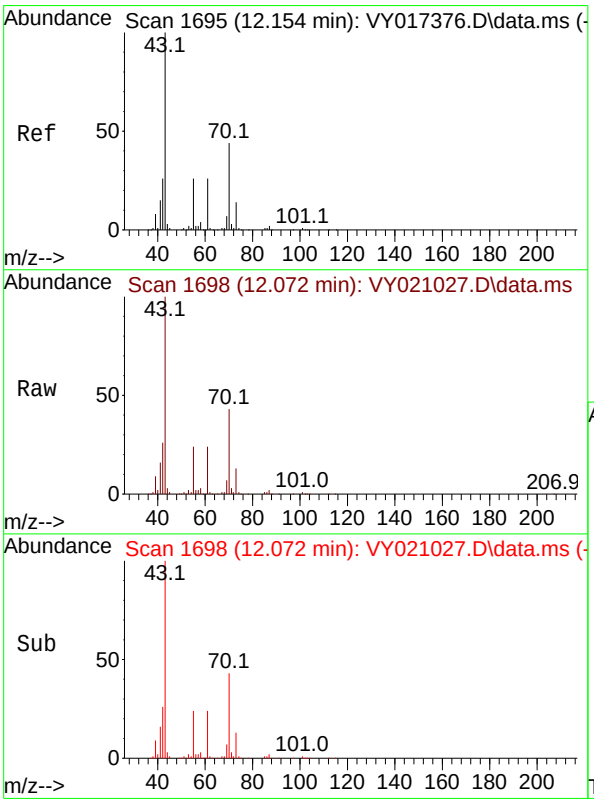
#73
Isopropylbenzene
Concen: 53.377 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion:105 Resp: 467245

Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.0	39.0

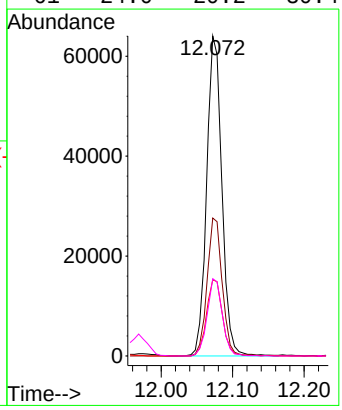


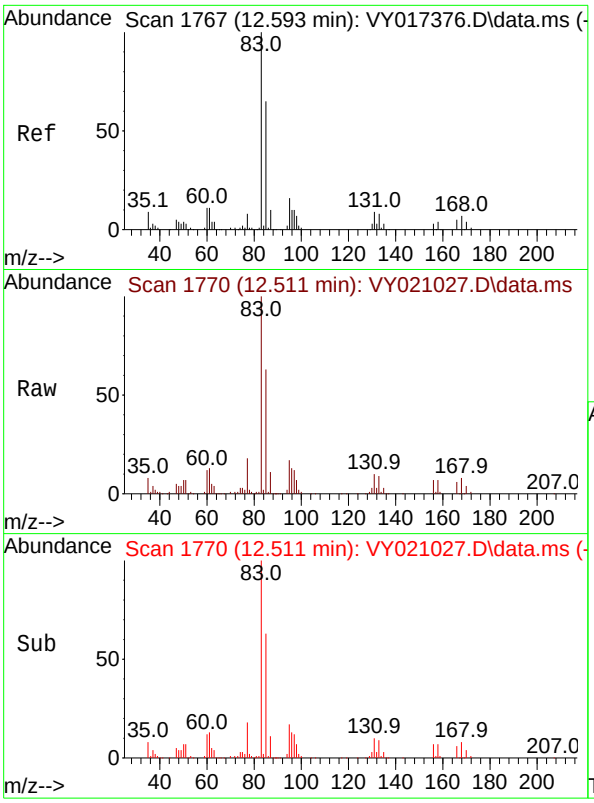


#74
N-amyl acetate
Concen: 49.483 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 43 Resp: 94701

Ion	Ratio	Lower	Upper
43	100		
70	42.8	36.6	55.0
55	24.9	22.2	33.4
61	24.0	20.2	30.4



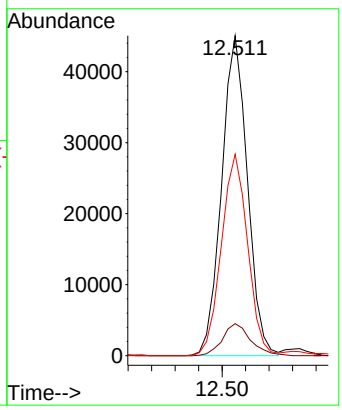


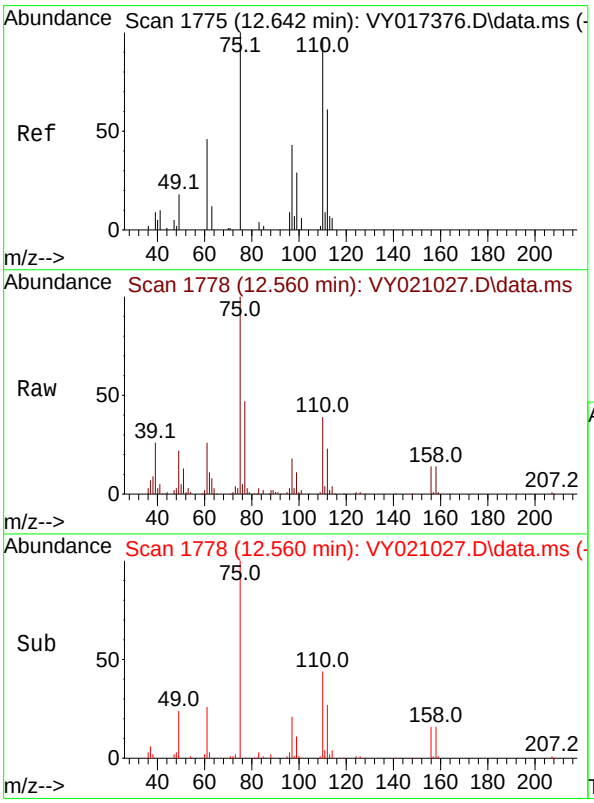
#75
1,1,2,2-Tetrachloroethane
Concen: 47.145 ug/l
RT: 12.511 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion: 83 Resp: 68636

Ion	Ratio	Lower	Upper
83	100		
131	10.9	4.9	14.6
85	64.0	32.6	98.0

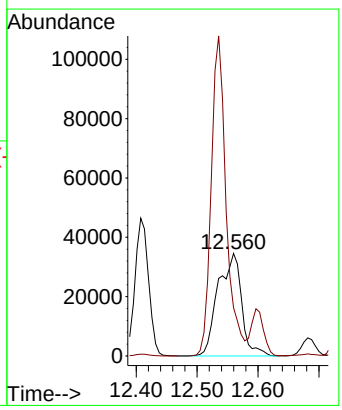


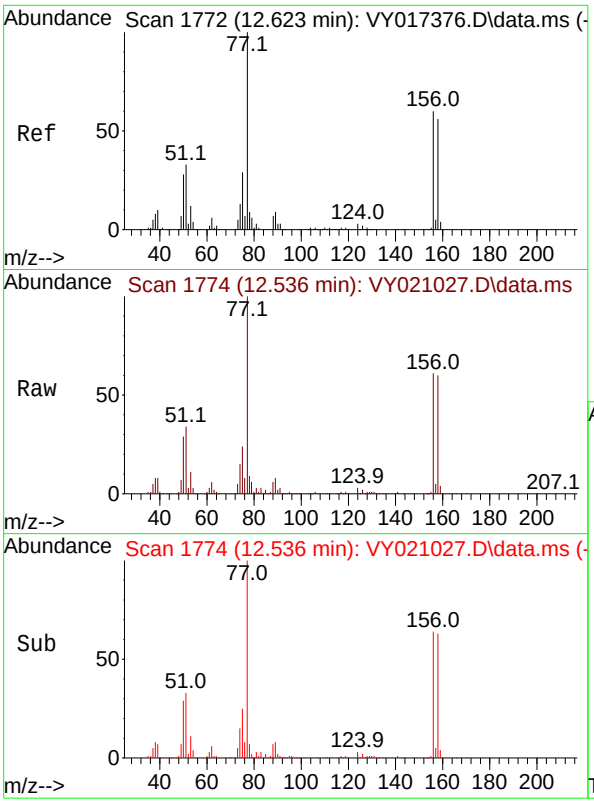


#76
1,2,3-Trichloropropane
Concen: 91.514 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 75 Resp: 93028

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



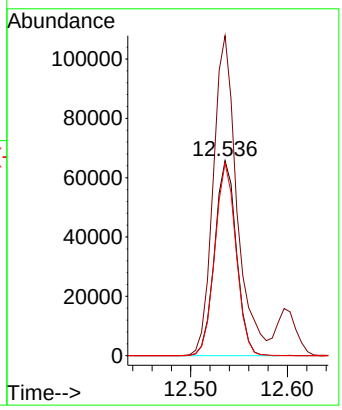


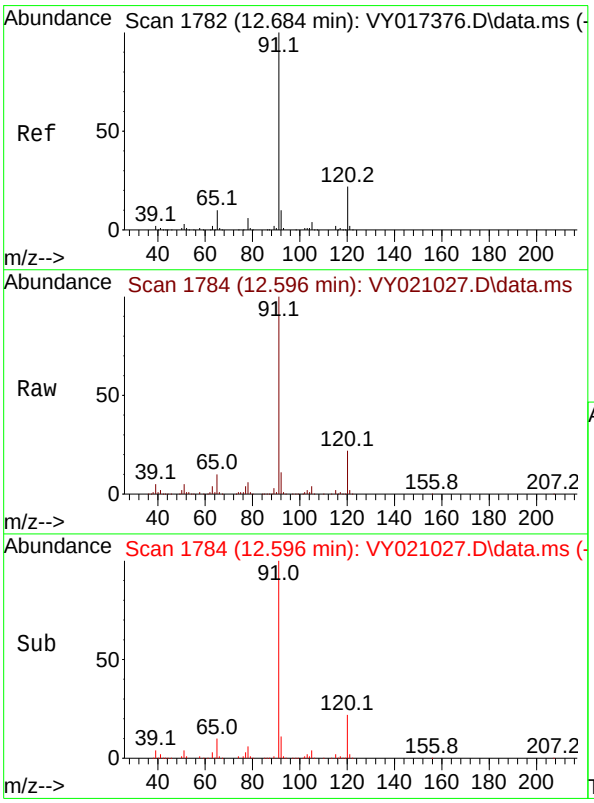
#77
Bromobenzene
Concen: 50.490 ug/l
RT: 12.536 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion:156 Resp: 101991

Ion	Ratio	Lower	Upper
156	100		
77	179.9	97.3	291.8
158	96.9	48.4	145.0

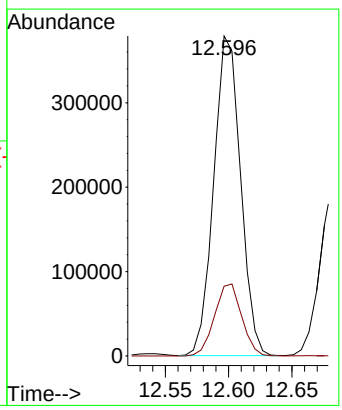


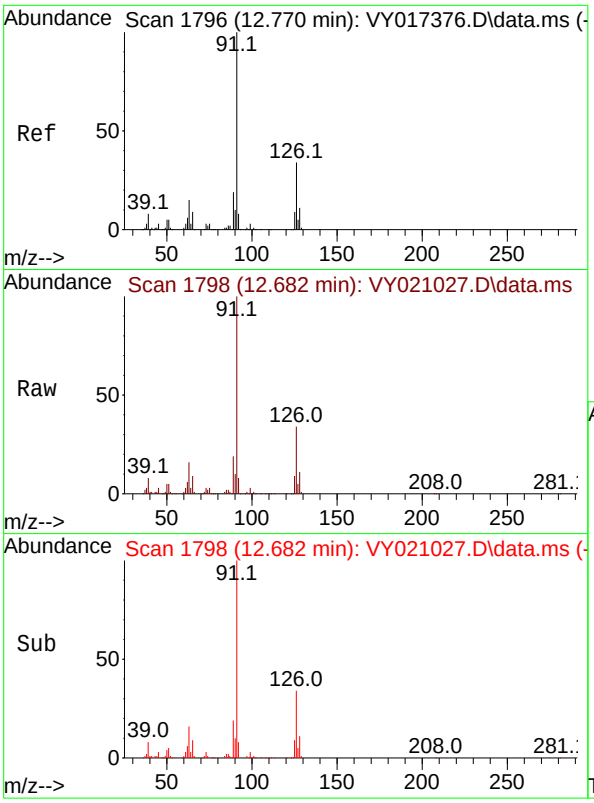


#78
n-propylbenzene
Concen: 53.513 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 91 Resp: 558013

Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.0	33.0



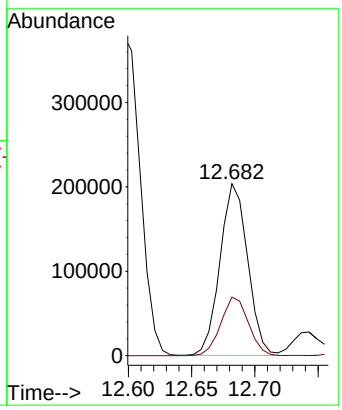


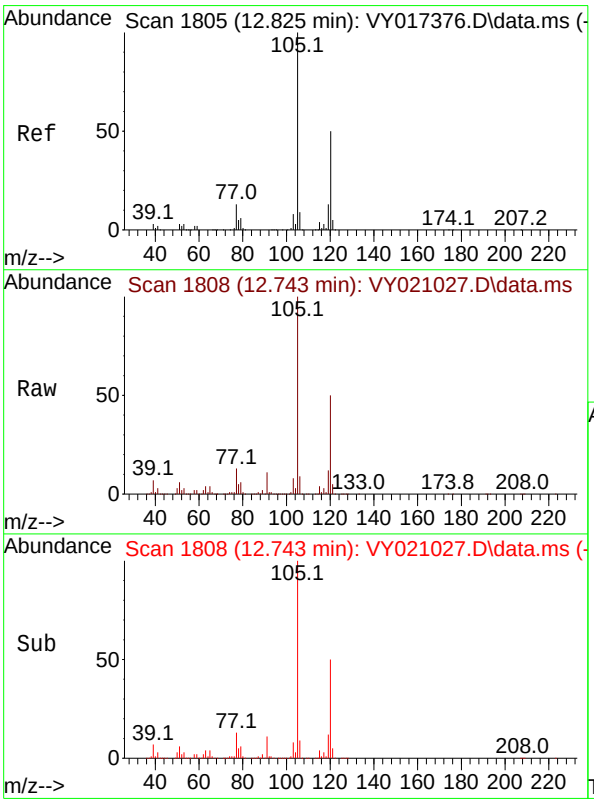
#79
2-Chlorotoluene
Concen: 51.922 ug/l
RT: 12.682 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion: 91 Resp: 310097

Ion	Ratio	Lower	Upper
91	100		
126	34.1	17.0	51.0

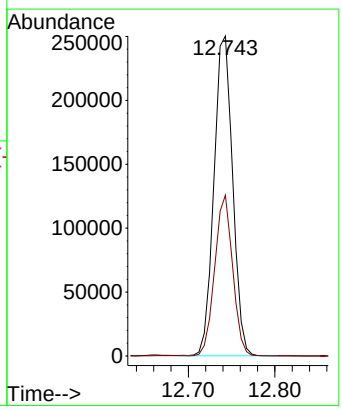


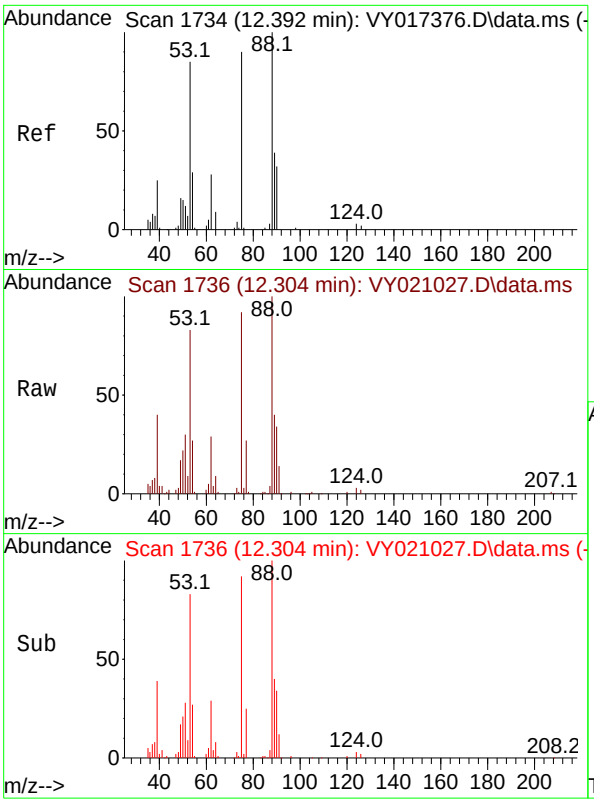


#80
1,3,5-Trimethylbenzene
Concen: 52.840 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:105 Resp: 375018

Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.3	72.8



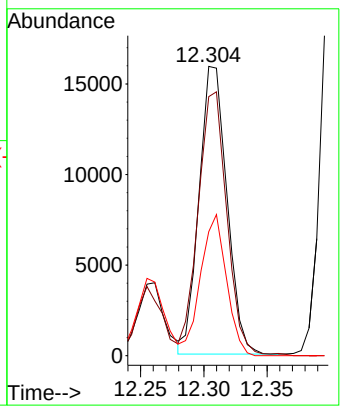


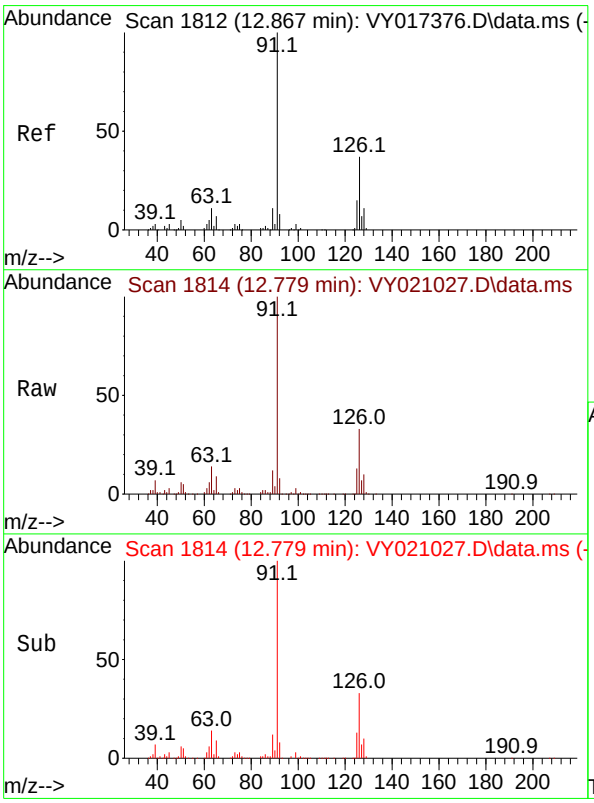
#81
trans-1,4-Dichloro-2-butene
Concen: 48.841 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion: 75 Resp: 24332

Ion	Ratio	Lower	Upper
75	100		
53	94.8	74.0	111.0
89	45.9	36.5	54.7

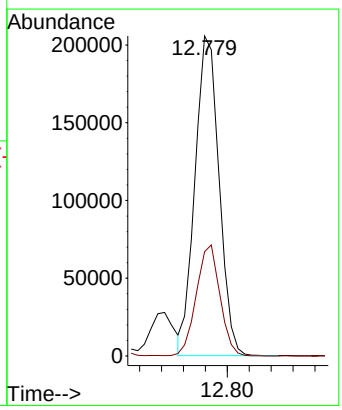


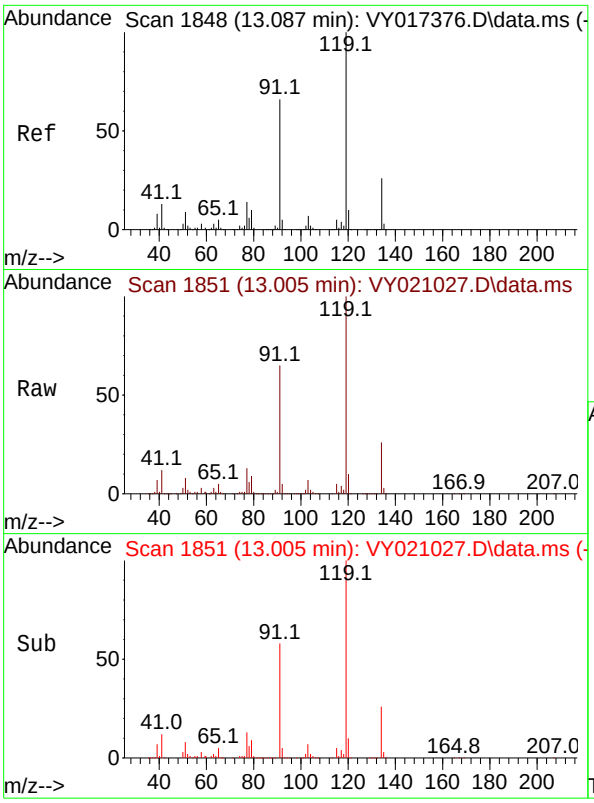


#82
4-Chlorotoluene
Concen: 51.594 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 91 Resp: 313949

Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.1	51.2



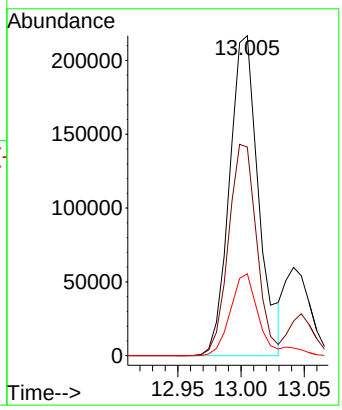


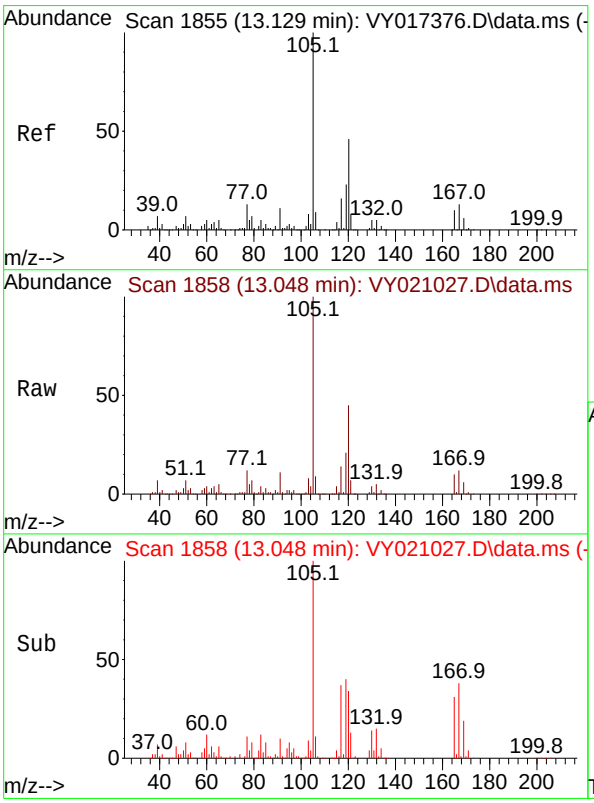
#83
tert-Butylbenzene
Concen: 53.952 ug/l
RT: 13.005 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion:119 Resp: 348046

Ion	Ratio	Lower	Upper
119	100		
91	63.9	31.5	94.5
134	25.9	13.1	39.3

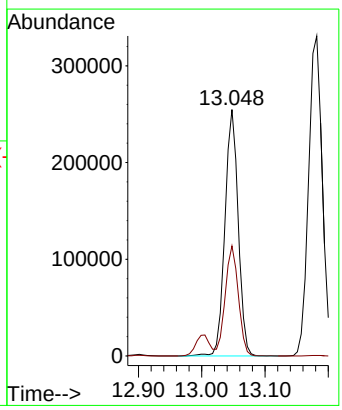


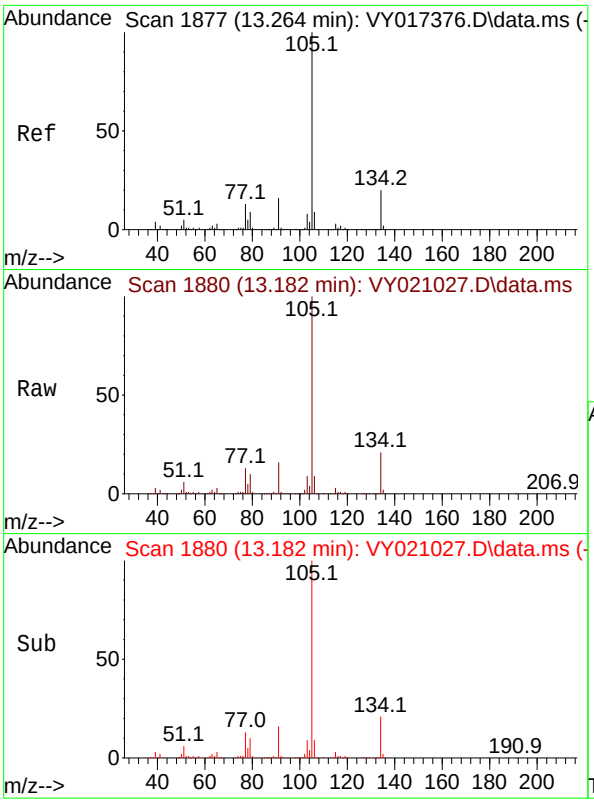


#84
1,2,4-Trimethylbenzene
Concen: 53.370 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:105 Resp: 370353

Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.1	66.3



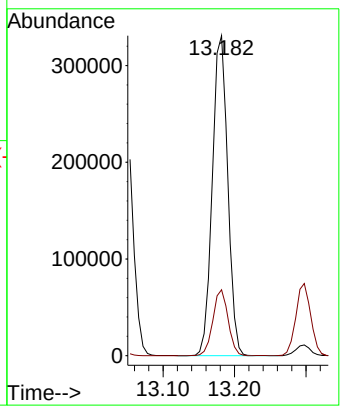


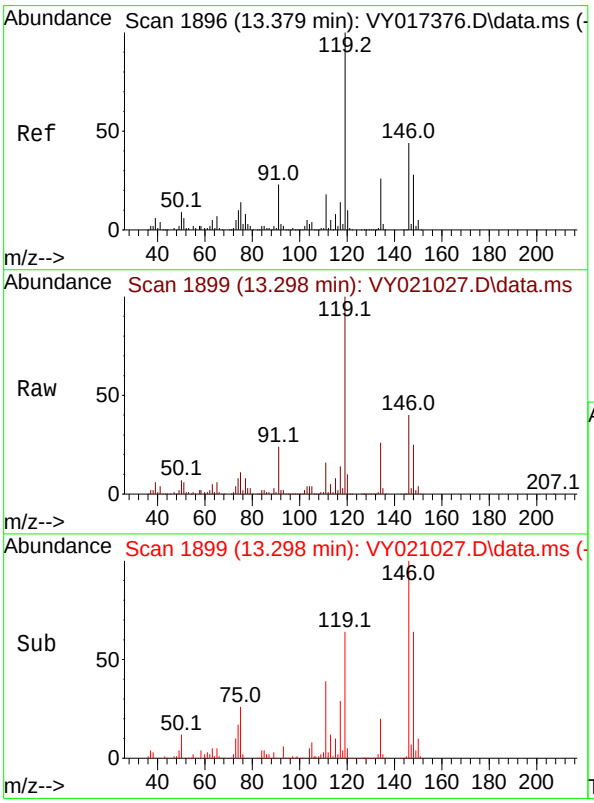
#85
sec-Butylbenzene
Concen: 53.301 ug/l
RT: 13.182 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion:105 Resp: 494957

Ion	Ratio	Lower	Upper
105	100		
134	20.3	9.7	28.9

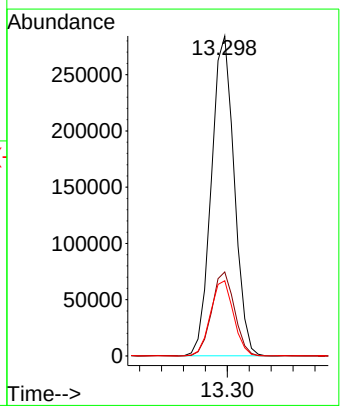


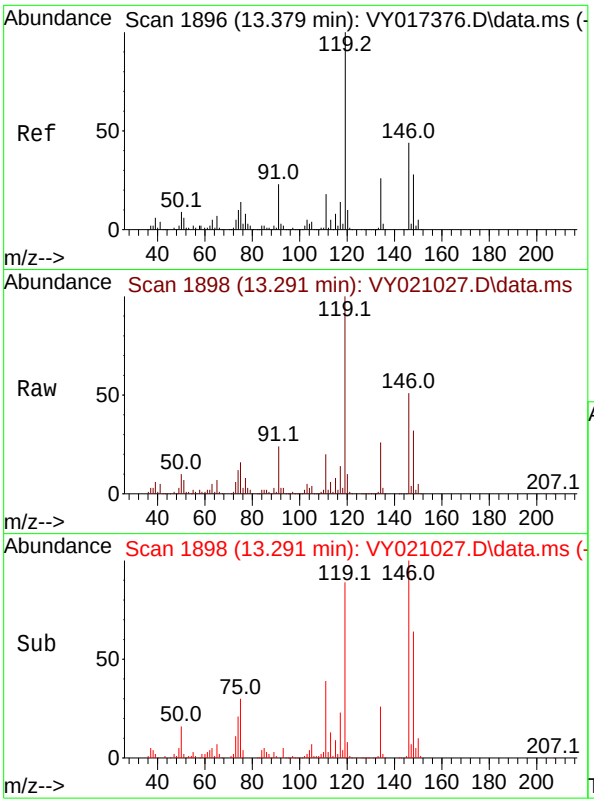


#86
p-Isopropyltoluene
Concen: 53.325 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:119 Resp: 411332

Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.1	39.1
91	23.7	11.7	35.0



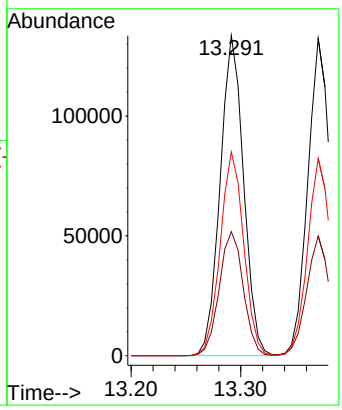


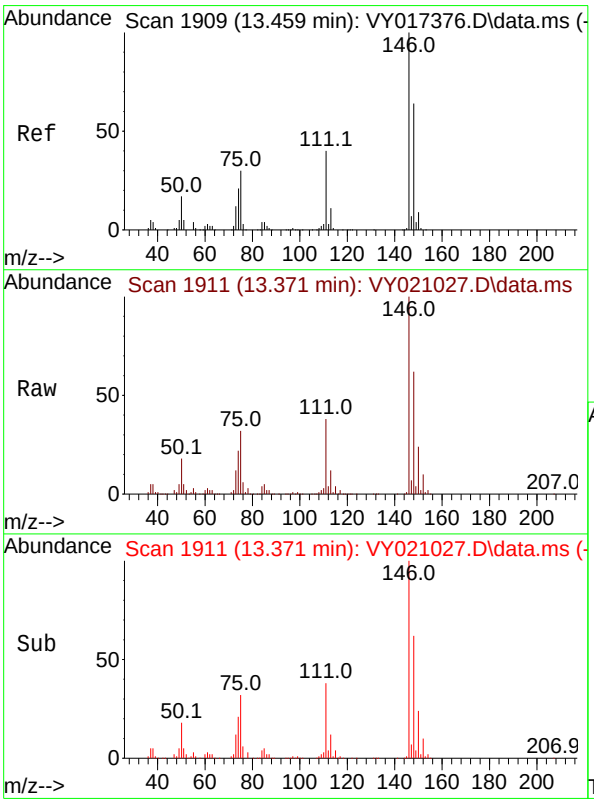
#87
1,3-Dichlorobenzene
Concen: 50.868 ug/l
RT: 13.291 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion:146 Resp: 198405

Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.2	60.5
148	63.8	31.9	95.9

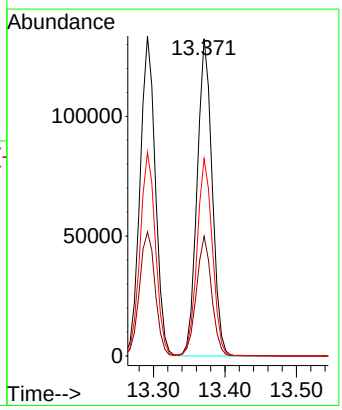


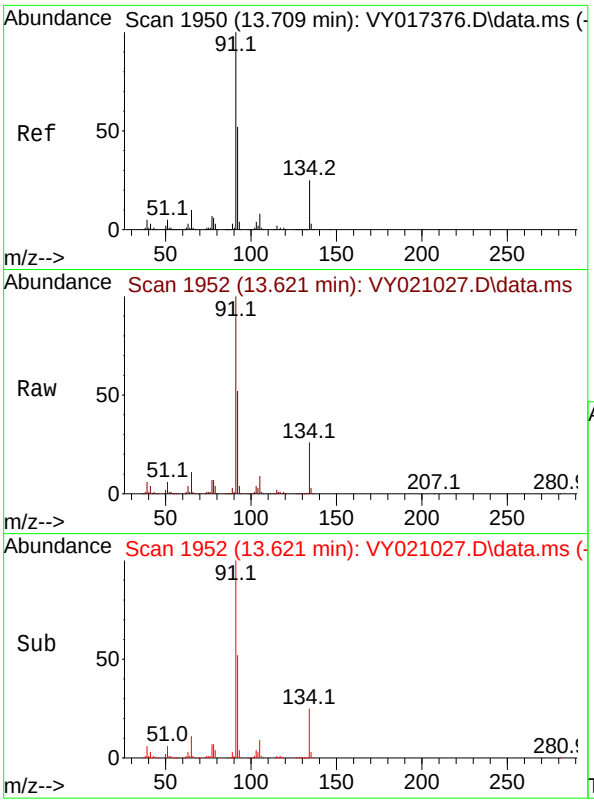


#88
1,4-Dichlorobenzene
Concen: 50.309 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:146 Resp: 193207

Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.3	57.9
148	63.4	31.6	94.7



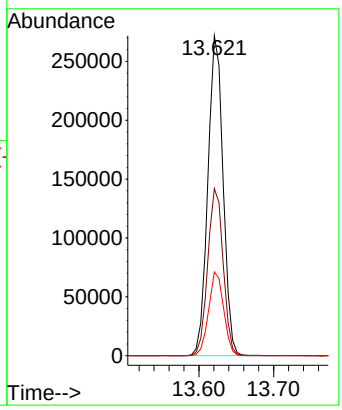


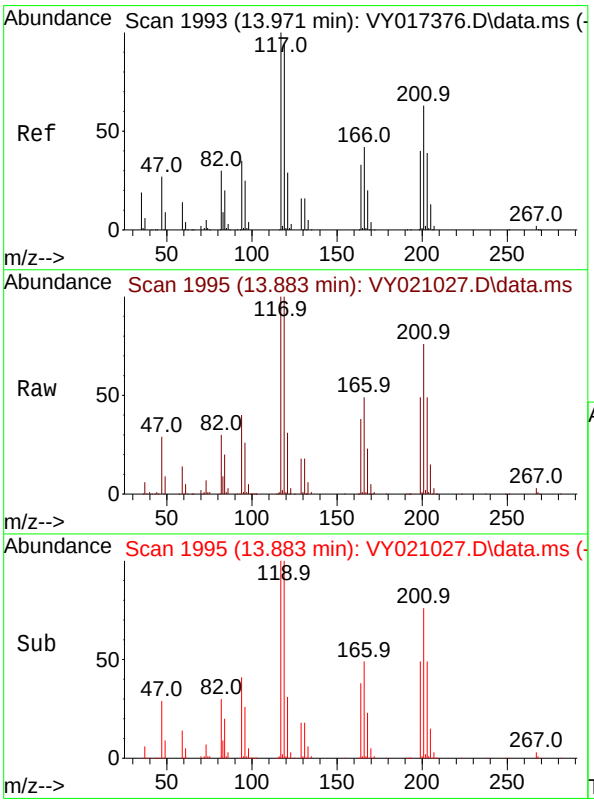
#89
n-Butylbenzene
Concen: 54.636 ug/l
RT: 13.621 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion: 91 Resp: 384473

Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.4	79.2
134	25.9	12.3	36.8

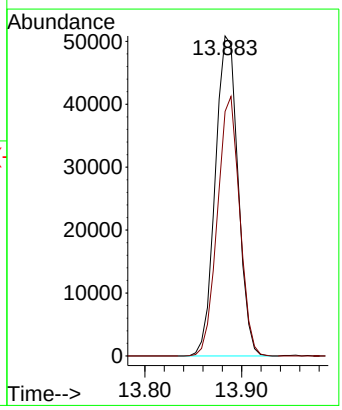


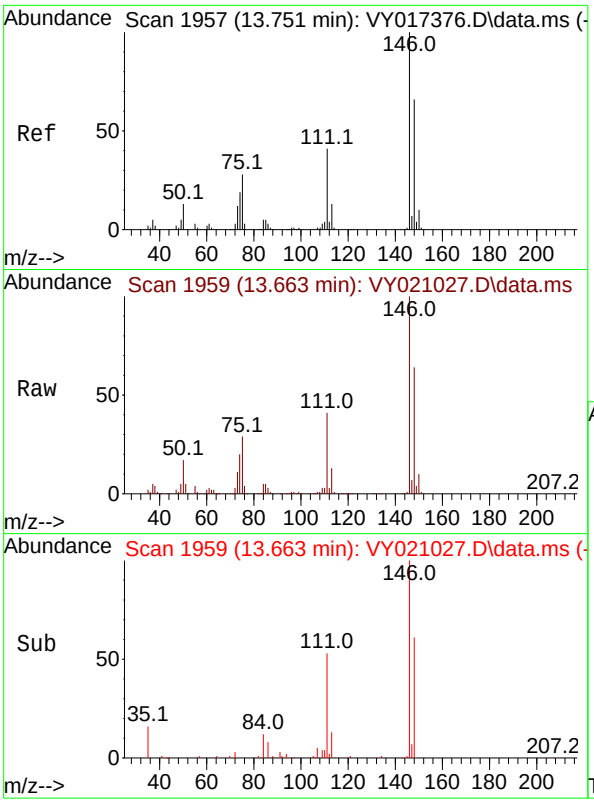


#90
Hexachloroethane
Concen: 51.521 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:117 Resp: 82908

Ion	Ratio	Lower	Upper
117	100		
201	79.2	33.4	100.1



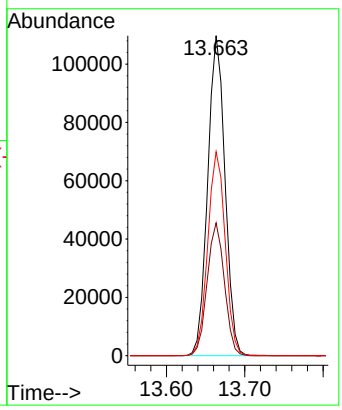


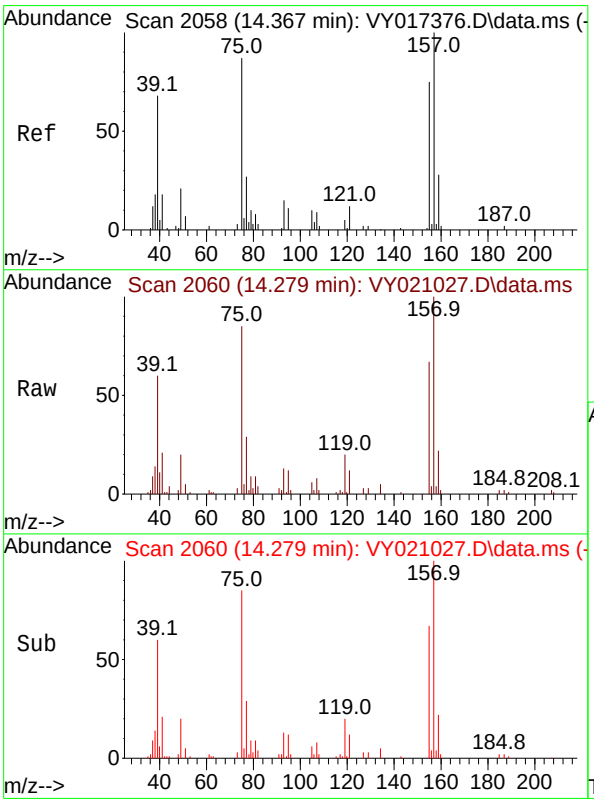
#91
1,2-Dichlorobenzene
Concen: 49.696 ug/l
RT: 13.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion:146 Resp: 168238

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.5	61.6
148	64.3	31.4	94.3

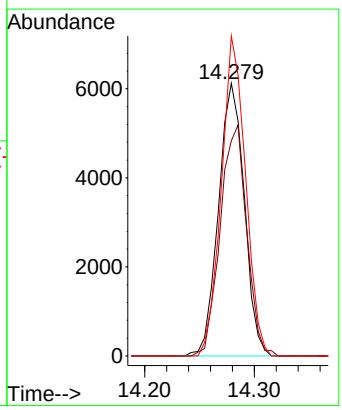


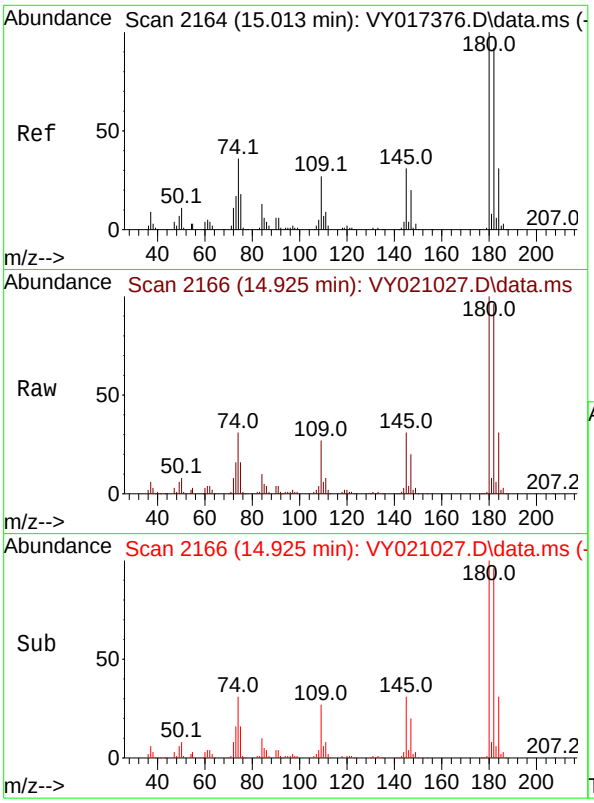


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.965 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 75 Resp: 10000

Ion	Ratio	Lower	Upper
75	100		
155	86.6	42.1	126.3
157	109.8	55.8	167.4



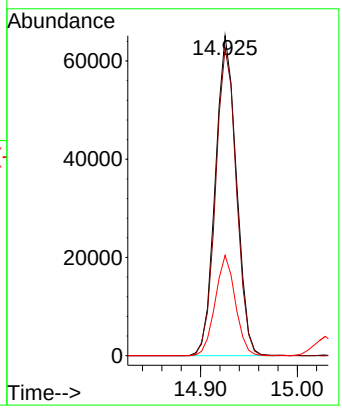


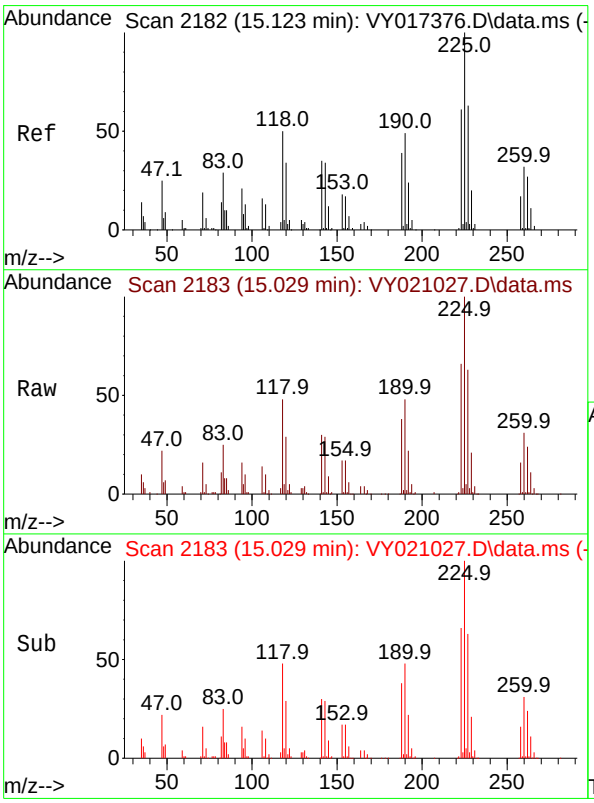
#93
1,2,4-Trichlorobenzene
Concen: 52.224 ug/l
RT: 14.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion:180 Resp: 98409

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.9	143.7
145	29.9	15.9	47.7

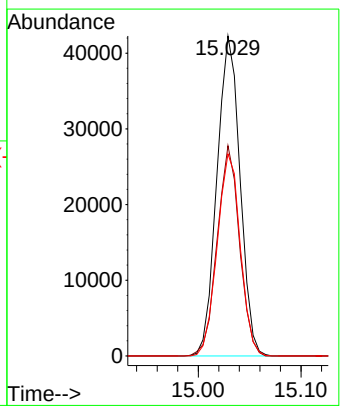


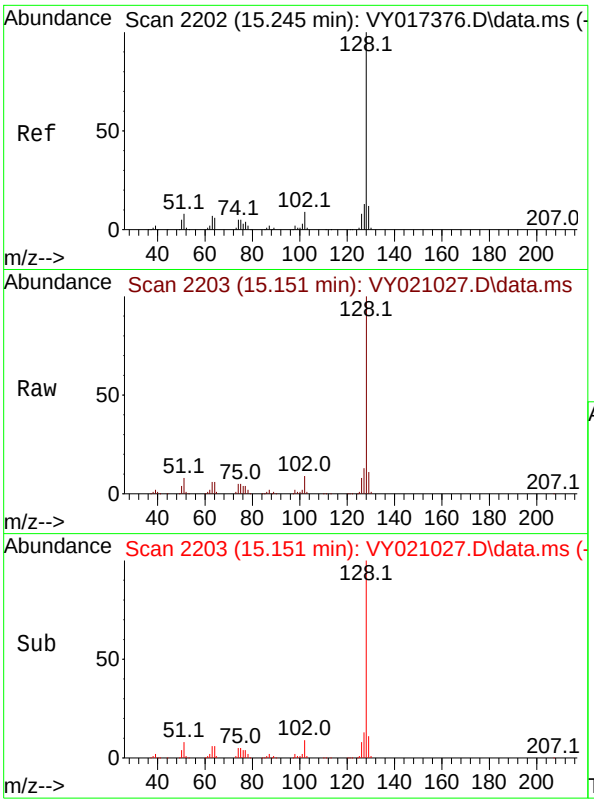


#94
Hexachlorobutadiene
Concen: 52.760 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:225 Resp: 65883

Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.4	94.3
227	63.0	32.3	96.8



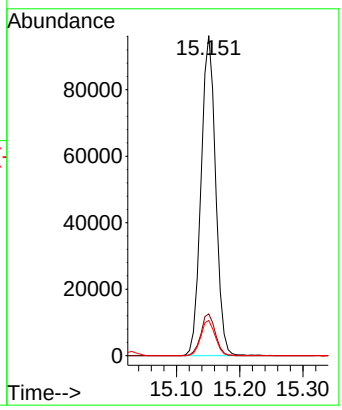


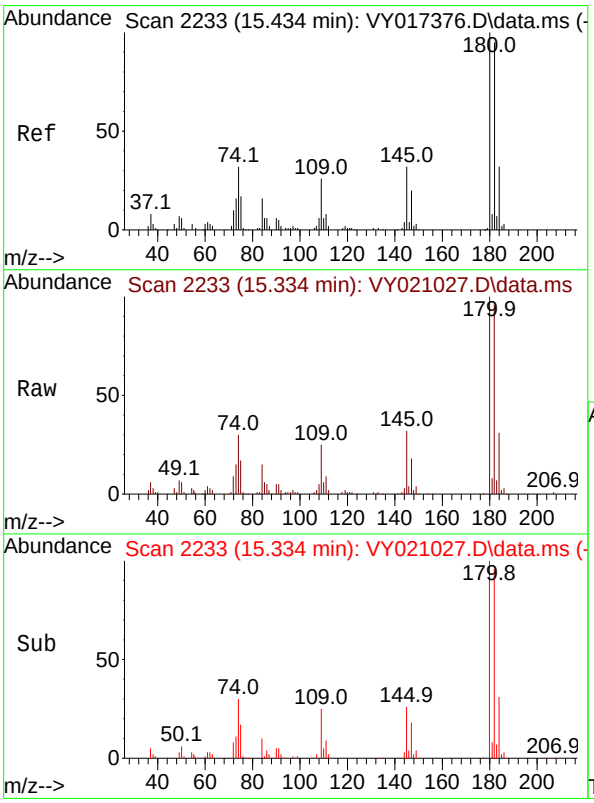
#95
Naphthalene
Concen: 51.245 ug/l
RT: 15.151 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020325

Tgt Ion:128 Resp: 154493

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.9	8.6	12.8

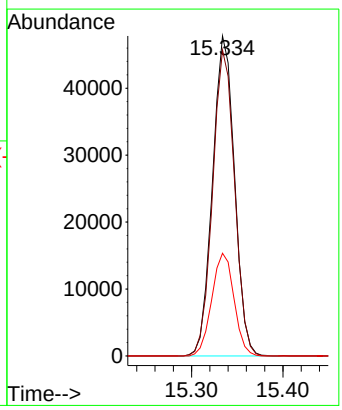




#96
1,2,3-Trichlorobenzene
Concen: 50.882 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:180 Resp: 79793

Ion	Ratio	Lower	Upper
180	100		
182	95.6	46.3	138.8
145	32.5	16.1	48.2



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021275.D
Acq On : 21 Feb 2025 09:37
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Feb 21 23:01:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.726	168	134641	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	218893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	189433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	91135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	73499	53.279	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.560%			
35) Dibromofluoromethane	7.646	113	72342	51.569	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.140%			
50) Toluene-d8	10.115	98	262335	49.121	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.240%			
62) 4-Bromofluorobenzene	12.414	95	88447	50.693	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.380%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.873	85	53065	44.220	ug/l	92
3) Chloromethane	2.074	50	69096	58.350	ug/l	98
4) Vinyl Chloride	2.214	62	66919	56.145	ug/l	99
5) Bromomethane	2.611	94	38298	51.988	ug/l	94
6) Chloroethane	2.751	64	43771	61.692	ug/l	98
7) Trichlorofluoromethane	3.074	101	107727	49.611	ug/l	98
8) Diethyl Ether	3.464	74	37523	55.354	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.836	101	65425	48.007	ug/l	96
10) Methyl Iodide	4.019	142	76705	50.662	ug/l	92
11) Tert butyl alcohol	4.915	59	22221	237.701	ug/l	96
12) 1,1-Dichloroethene	3.806	96	65745	51.212	ug/l	86
13) Acrolein	3.665	56	22617	157.114	ug/l	94
14) Allyl chloride	4.397	41	122719	56.720	ug/l	93
15) Acrylonitrile	5.080	53	84424	299.082	ug/l	99
16) Acetone	3.897	43	62919	292.469	ug/l	93
17) Carbon Disulfide	4.123	76	188763	46.891	ug/l	98
18) Methyl Acetate	4.409	43	51748	68.522	ug/l	94
19) Methyl tert-butyl Ether	5.135	73	185238	57.088	ug/l	100
20) Methylene Chloride	4.635	84	78534	58.723	ug/l	90
21) trans-1,2-Dichloroethene	5.141	96	76055	53.821	ug/l	96
22) Diisopropyl ether	6.037	45	271476	60.874	ug/l	97
23) Vinyl Acetate	5.982	43	735278	295.758	ug/l	97
24) 1,1-Dichloroethane	5.933	63	149132	57.076	ug/l	98
25) 2-Butanone	6.915	43	105003	297.023	ug/l	96
26) 2,2-Dichloropropane	6.903	77	124428	51.467	ug/l	97
27) cis-1,2-Dichloroethene	6.909	96	90095	55.391	ug/l	94
28) Bromochloromethane	7.262	49	66949	64.798	ug/l	94
29) Tetrahydrofuran	7.281	42	70365	294.152	ug/l	94
30) Chloroform	7.439	83	152860	56.956	ug/l	99
31) Cyclohexane	7.720	56	108795	46.238	ug/l	93
32) 1,1,1-Trichloroethane	7.628	97	138665	55.572	ug/l	99
36) 1,1-Dichloropropene	7.848	75	105033	50.550	ug/l	98
37) Ethyl Acetate	7.000	43	50245	55.122	ug/l	98
38) Carbon Tetrachloride	7.835	117	121178	49.912	ug/l	99
39) Methylcyclohexane	9.122	83	115614	45.490	ug/l	99
40) Benzene	8.091	78	324187	53.166	ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021275.D
Acq On : 21 Feb 2025 09:37
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Feb 21 23:01:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.238	41	31065	58.909 ug/l	94
42) 1,2-Dichloroethane	8.171	62	91794	54.268 ug/l	97
43) Isopropyl Acetate	8.213	43	101862	56.240 ug/l	96
44) Trichloroethene	8.878	130	79263	50.313 ug/l	98
45) 1,2-Dichloropropane	9.152	63	79921	55.222 ug/l	98
46) Dibromomethane	9.244	93	42419	52.936 ug/l	96
47) Bromodichloromethane	9.433	83	117853	54.838 ug/l	98
48) Methyl methacrylate	9.231	41	47593	57.687 ug/l	91
49) 1,4-Dioxane	9.262	88	8064	1081.002 ug/l #	87
51) 4-Methyl-2-Pentanone	10.006	43	269630	296.038 ug/l	95
52) Toluene	10.183	92	204505	53.414 ug/l	99
53) t-1,3-Dichloropropene	10.402	75	104033	53.911 ug/l	99
54) cis-1,3-Dichloropropene	9.866	75	121404	53.134 ug/l #	90
55) 1,1,2-Trichloroethane	10.585	97	56063	54.028 ug/l	98
56) Ethyl methacrylate	10.451	69	78420	56.492 ug/l	88
57) 1,3-Dichloropropane	10.725	76	99821	55.577 ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	198856	301.108 ug/l	98
59) 2-Hexanone	10.774	43	173136	295.239 ug/l	95
60) Dibromochloromethane	10.920	129	78064	53.569 ug/l	99
61) 1,2-Dibromoethane	11.024	107	51996	53.496 ug/l	100
64) Tetrachloroethene	10.658	164	69573	49.474 ug/l	97
65) Chlorobenzene	11.451	112	219066	51.935 ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	80486	53.694 ug/l	98
67) Ethyl Benzene	11.530	91	396201	53.106 ug/l	99
68) m/p-Xylenes	11.640	106	293291	105.084 ug/l	96
69) o-Xylene	11.963	106	138811	53.345 ug/l	97
70) Styrene	11.981	104	236391	54.506 ug/l	99
71) Bromoform	12.146	173	45063	54.009 ug/l #	98
73) Isopropylbenzene	12.268	105	378285	53.138 ug/l	100
74) N-amyl acetate	12.079	43	88587	56.918 ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.517	83	64872	54.792 ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	85546	103.478 ug/l #	100
77) Bromobenzene	12.542	156	84600	51.497 ug/l	96
78) n-propylbenzene	12.603	91	450276	53.097 ug/l	100
79) 2-Chlorotoluene	12.688	91	258141	53.148 ug/l	99
80) 1,3,5-Trimethylbenzene	12.749	105	307207	53.225 ug/l	100
81) trans-1,4-Dichloro-2-b...	12.316	75	20989	51.805 ug/l	93
82) 4-Chlorotoluene	12.786	91	262361	53.017 ug/l	98
83) tert-Butylbenzene	13.005	119	276564	52.716 ug/l	96
84) 1,2,4-Trimethylbenzene	13.054	105	303836	53.838 ug/l	99
85) sec-Butylbenzene	13.188	105	402885	53.349 ug/l	98
86) p-Isopropyltoluene	13.304	119	332768	53.046 ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	164144	51.747 ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	160145	51.275 ug/l	99
89) n-Butylbenzene	13.627	91	297313	51.951 ug/l	99
90) Hexachloroethane	13.889	117	70386	53.783 ug/l	85
91) 1,2-Dichlorobenzene	13.670	146	144792	52.591 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	9715	54.910 ug/l	96
93) 1,2,4-Trichlorobenzene	14.932	180	80920	52.803 ug/l	98
94) Hexachlorobutadiene	15.035	225	52391	51.589 ug/l	100
95) Naphthalene	15.157	128	140532	57.318 ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	67936	53.269 ug/l	96

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021275.D
Acq On : 21 Feb 2025 09:37
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Feb 21 23:01:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

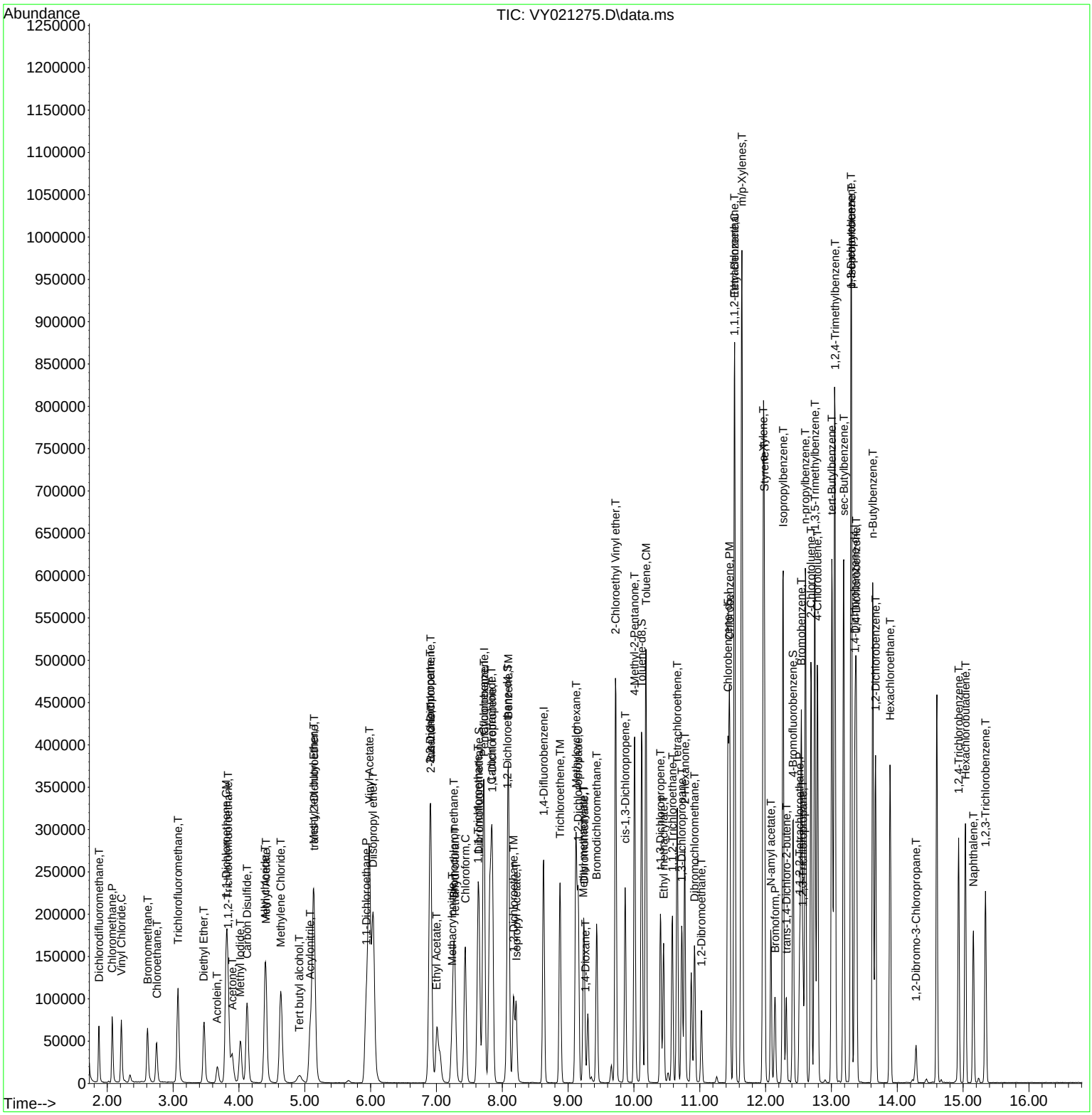
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

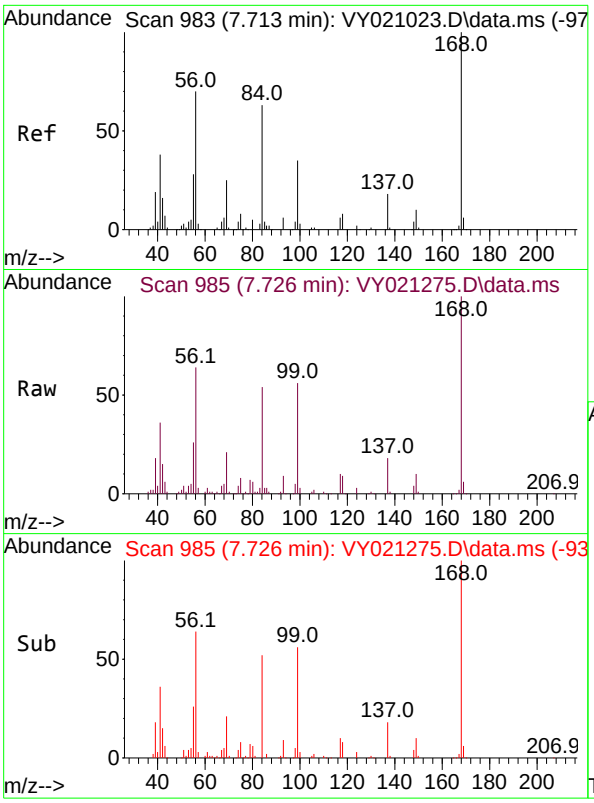
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021275.D
Acq On : 21 Feb 2025 09:37
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Feb 21 23:01:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration



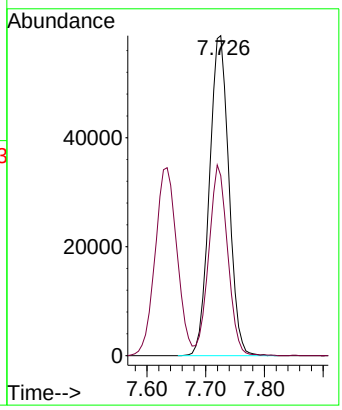


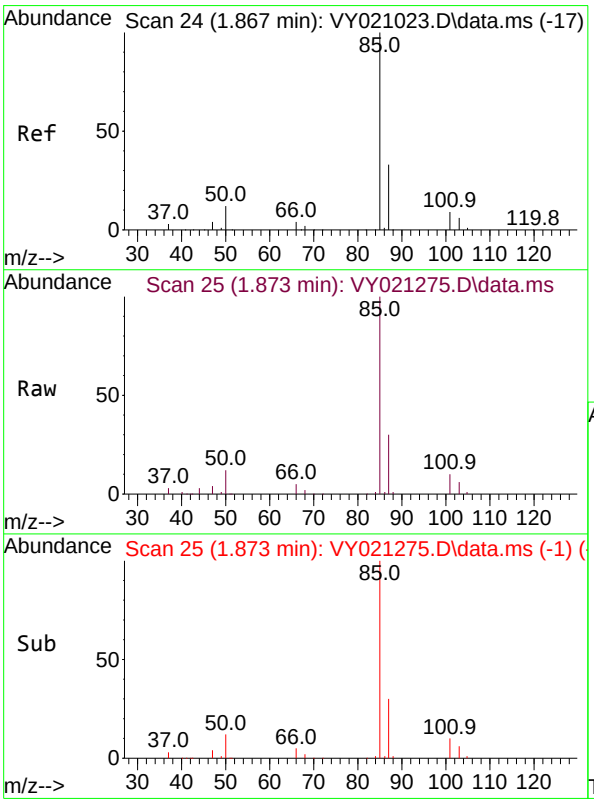
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 98
Delta R.T. 0.013 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 134641

Ion	Ratio	Lower	Upper
168	100		
99	56.2	44.2	66.4

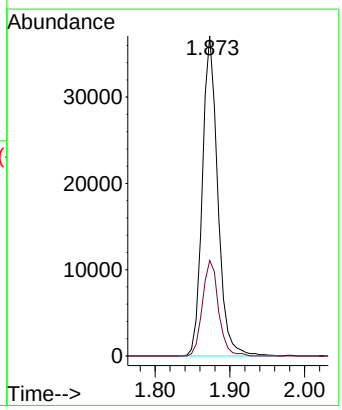


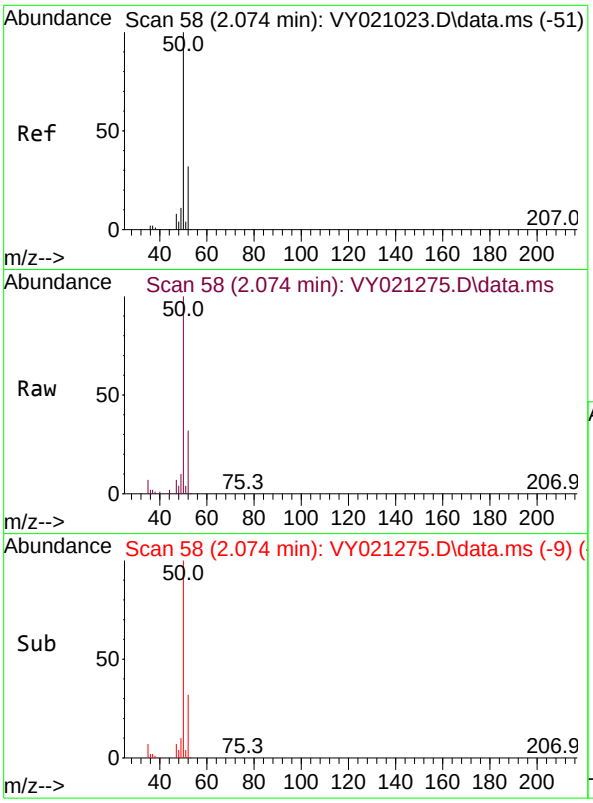


#2
Dichlorodifluoromethane
Concen: 44.220 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 85 Resp: 53065

Ion	Ratio	Lower	Upper
85	100		
87	29.8	17.1	51.3



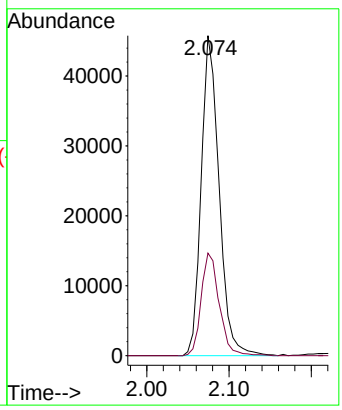


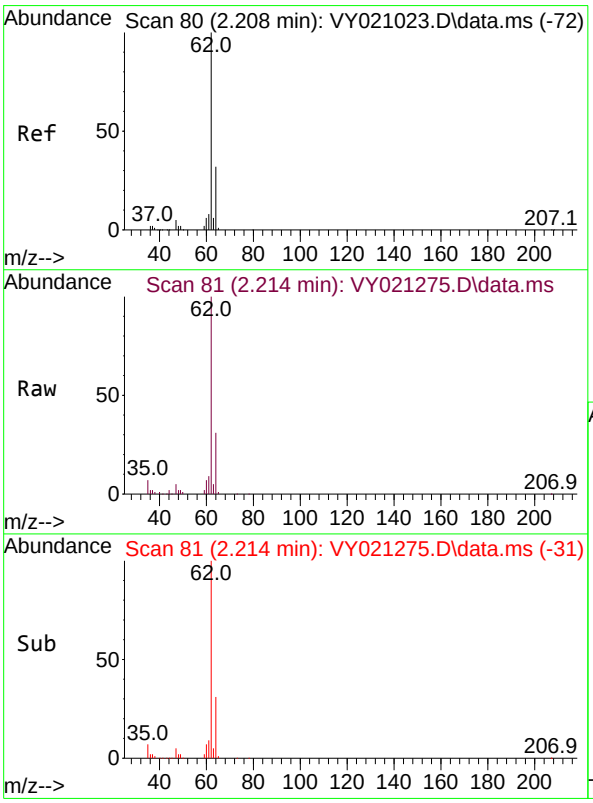
#3
Chloromethane
Concen: 58.350 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 69096

Ion	Ratio	Lower	Upper
50	100		
52	32.1	26.7	40.1

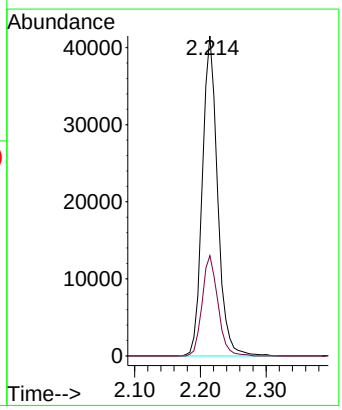


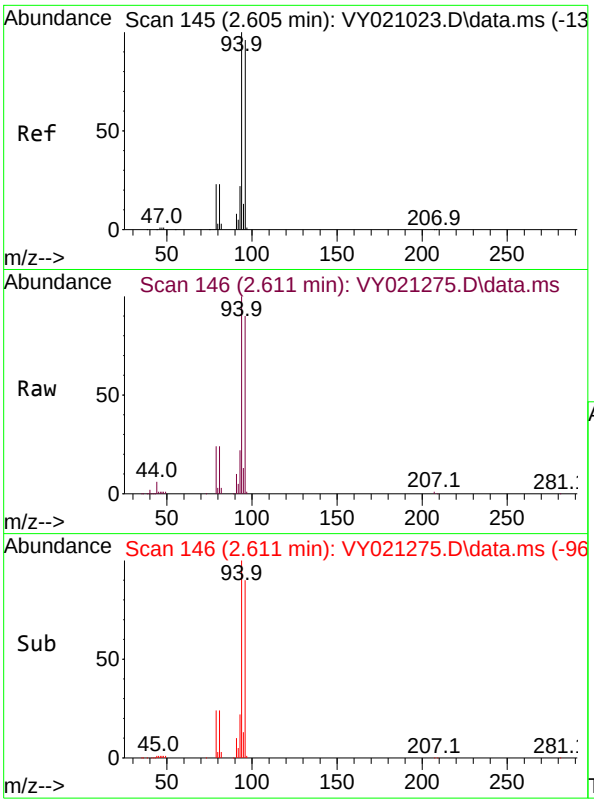


#4
Vinyl Chloride
Concen: 56.145 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 62 Resp: 66919

Ion	Ratio	Lower	Upper
62	100		
64	31.3	25.7	38.5



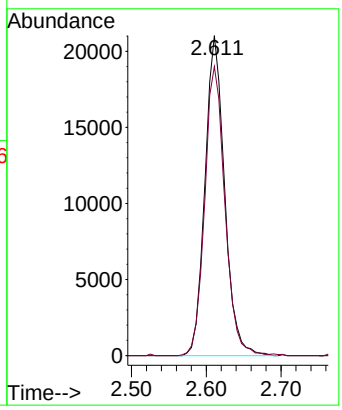


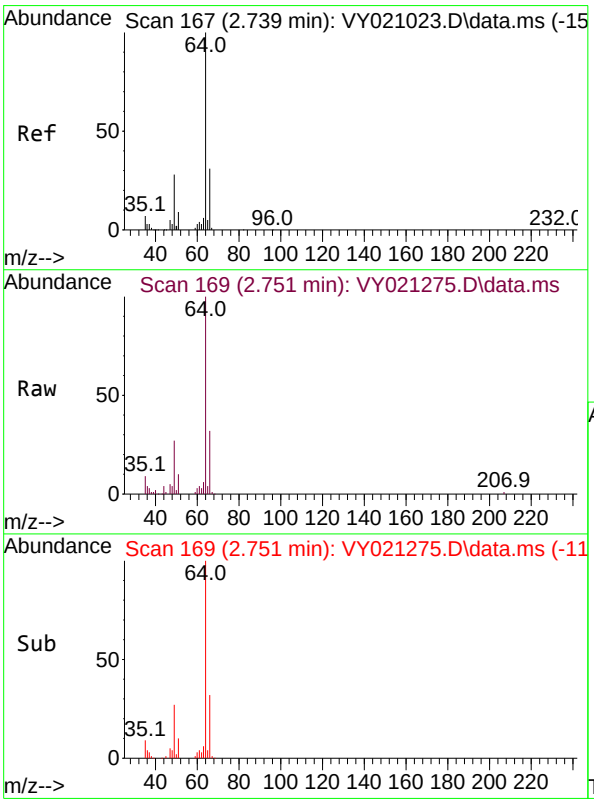
#5
Bromomethane
Concen: 51.988 ug/l
RT: 2.611 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 38298

Ion	Ratio	Lower	Upper
94	100		
96	90.3	77.3	115.9

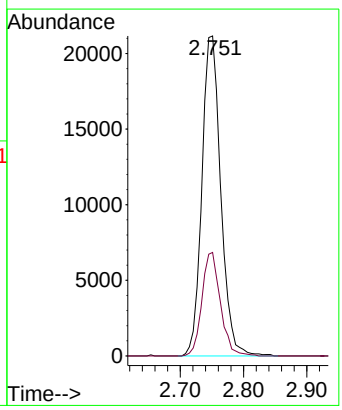


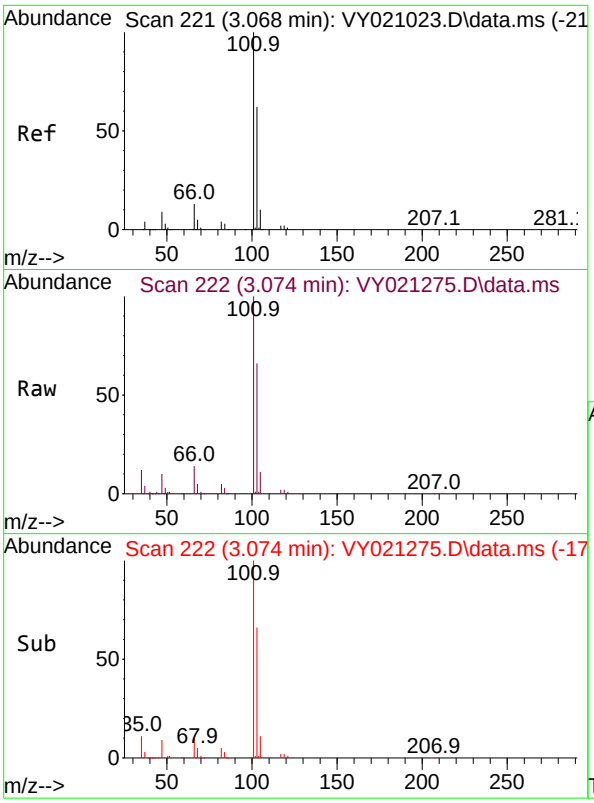


#6
Chloroethane
Concen: 61.692 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 64 Resp: 43771

Ion	Ratio	Lower	Upper
64	100		
66	32.4	25.1	37.7



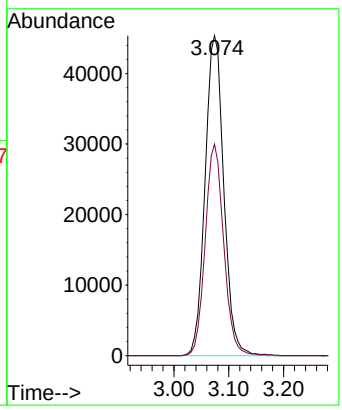


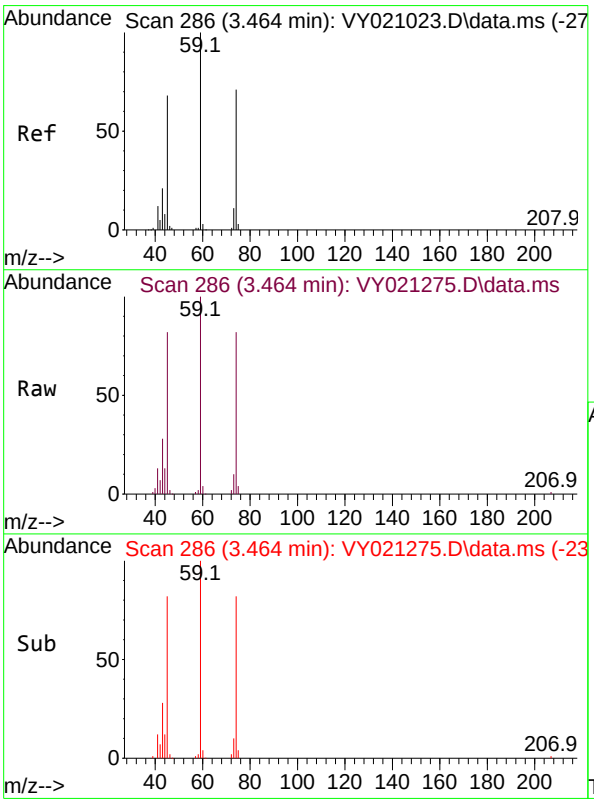
#7
Trichlorofluoromethane
Concen: 49.611 ug/l
RT: 3.074 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 107727

Ion	Ratio	Lower	Upper
101	100		
103	66.1	51.9	77.9

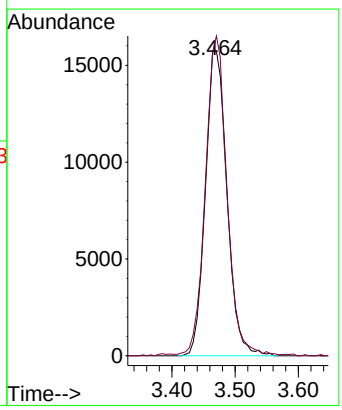


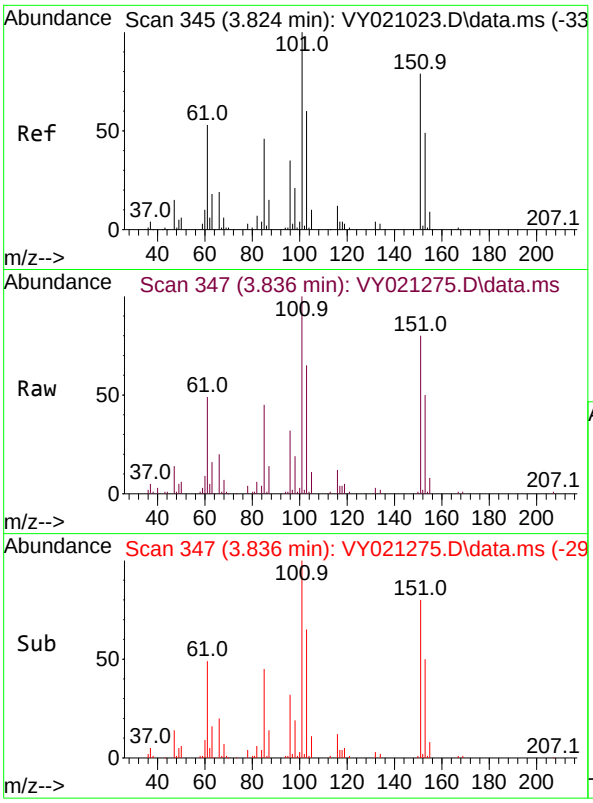


#8
Diethyl Ether
Concen: 55.354 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.000 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 74 Resp: 37523

Ion	Ratio	Lower	Upper
74	100		
45	102.4	47.9	143.7



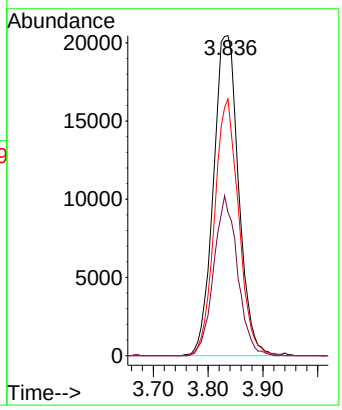


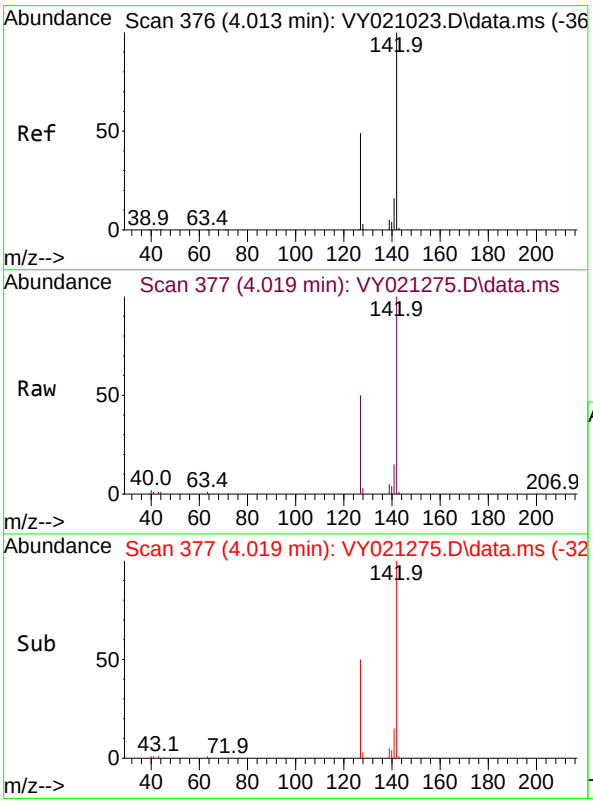
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.007 ug/l
RT: 3.836 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 65425

Ion	Ratio	Lower	Upper
101	100		
85	47.0	35.8	53.6
151	76.6	58.6	88.0

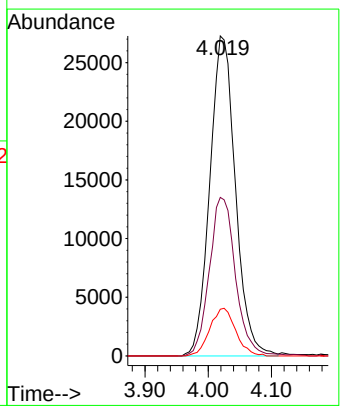


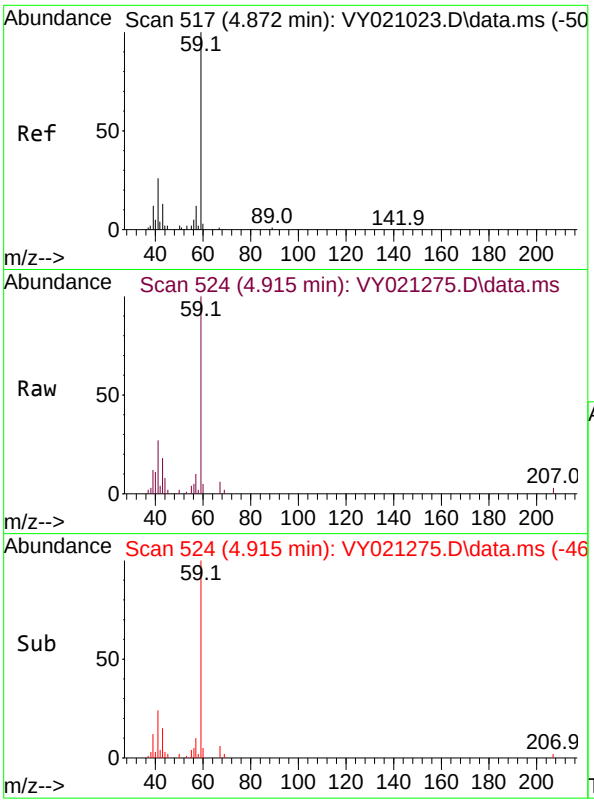


#10
Methyl Iodide
Concen: 50.662 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:142 Resp: 76705

Ion	Ratio	Lower	Upper
142	100		
127	50.5	35.1	52.7
141	15.0	11.8	17.6



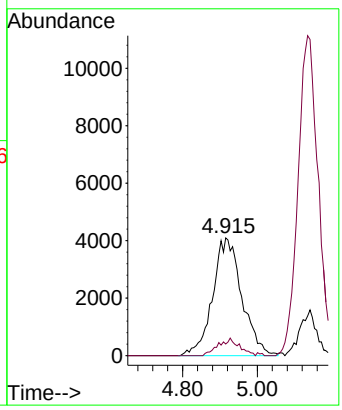


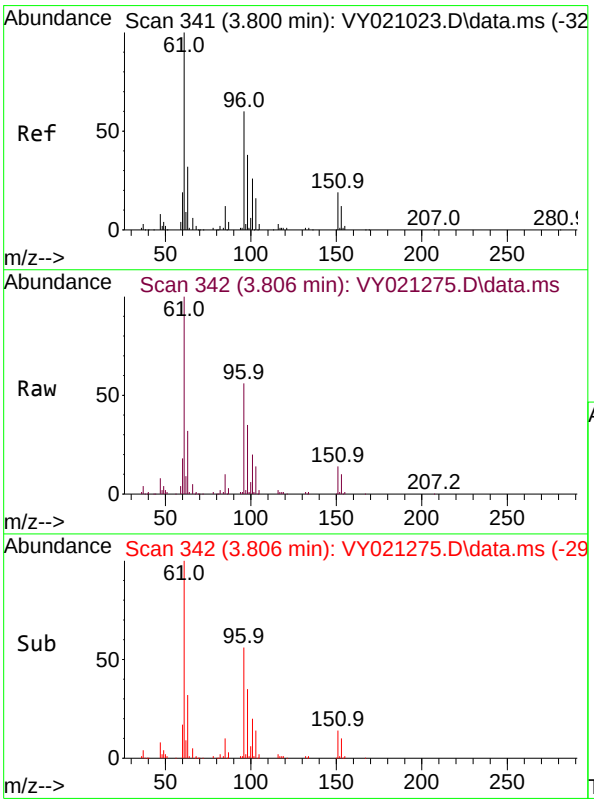
#11
Tert butyl alcohol
Concen: 237.701 ug/l
RT: 4.915 min Scan# 5
Delta R.T. 0.043 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 22221

Ion	Ratio	Lower	Upper
59	100		
57	10.5	7.4	11.0

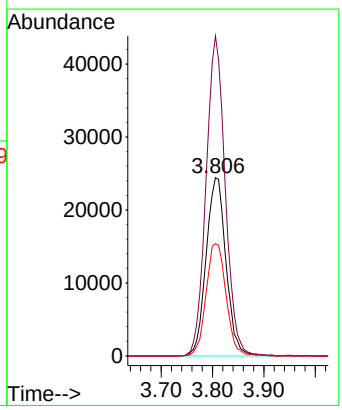


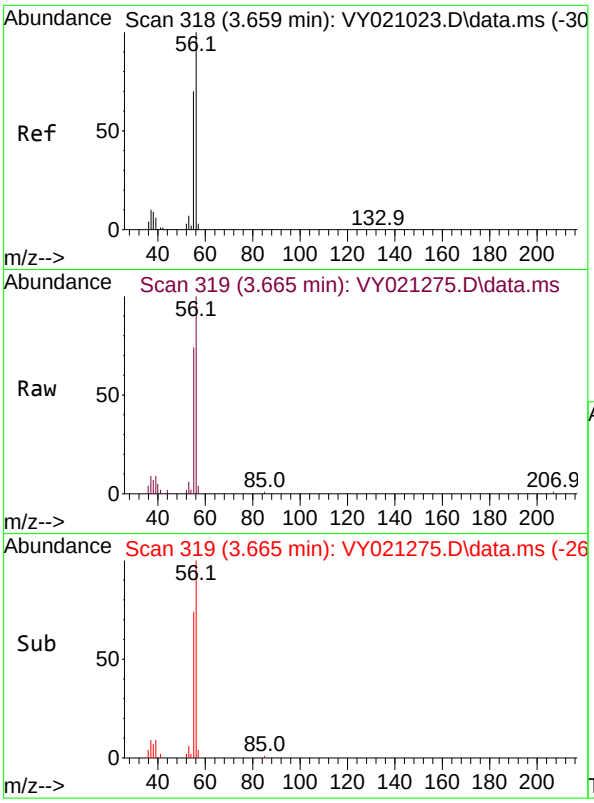


#12
1,1-Dichloroethene
Concen: 51.212 ug/l
RT: 3.806 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 96 Resp: 65745

Ion	Ratio	Lower	Upper
96	100		
61	179.6	124.2	186.2
98	63.0	52.6	79.0



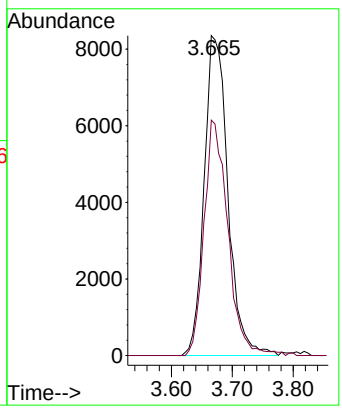


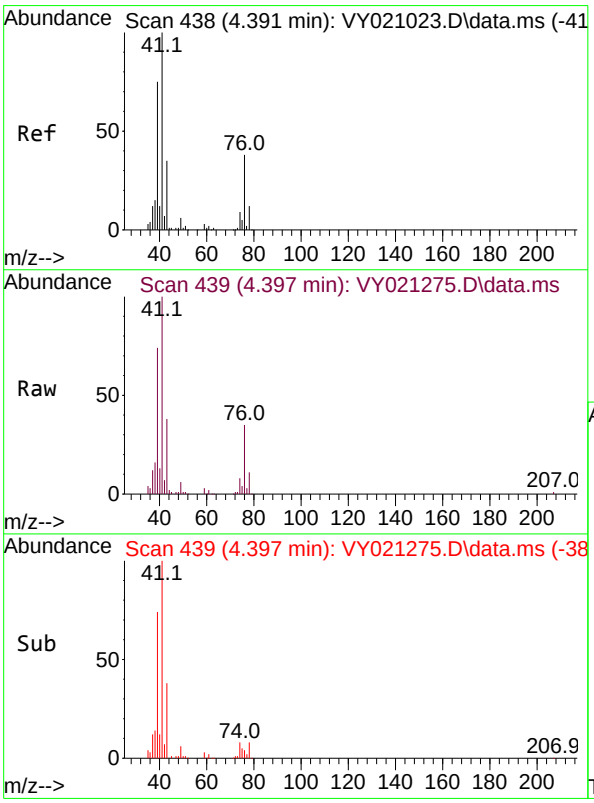
#13
Acrolein
Concen: 157.114 ug/l
RT: 3.665 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 22617

Ion	Ratio	Lower	Upper
56	100		
55	73.9	55.4	83.0

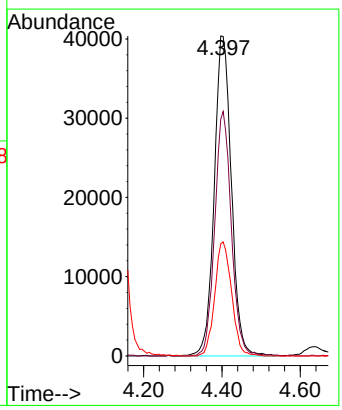


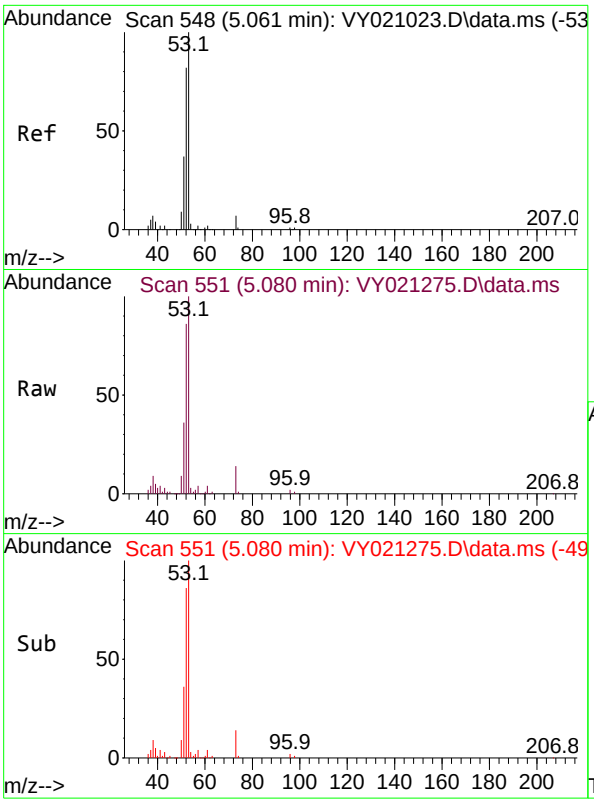


#14
Allyl chloride
Concen: 56.720 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 41 Resp: 122719

Ion	Ratio	Lower	Upper
41	100		
39	74.0	54.7	82.1
76	35.0	31.8	47.6



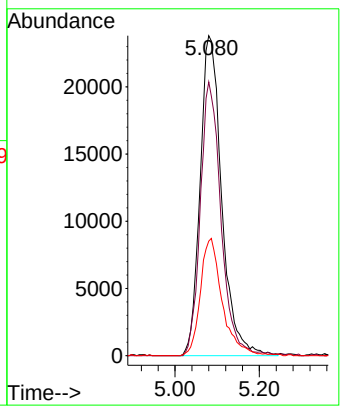


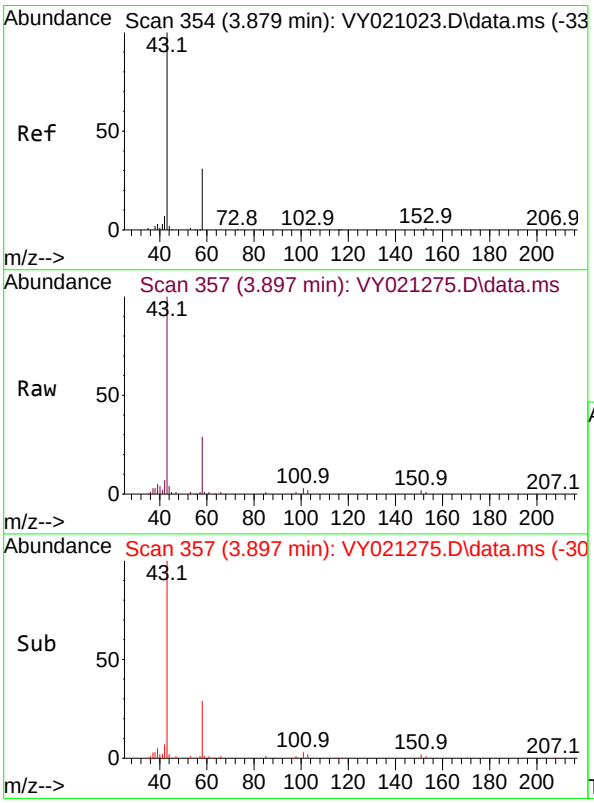
#15
Acrylonitrile
Concen: 299.082 ug/l
RT: 5.080 min Scan# 5
Delta R.T. 0.018 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 84424

Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.1	97.7
51	37.2	29.0	43.4

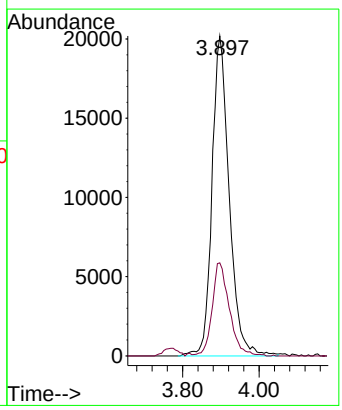


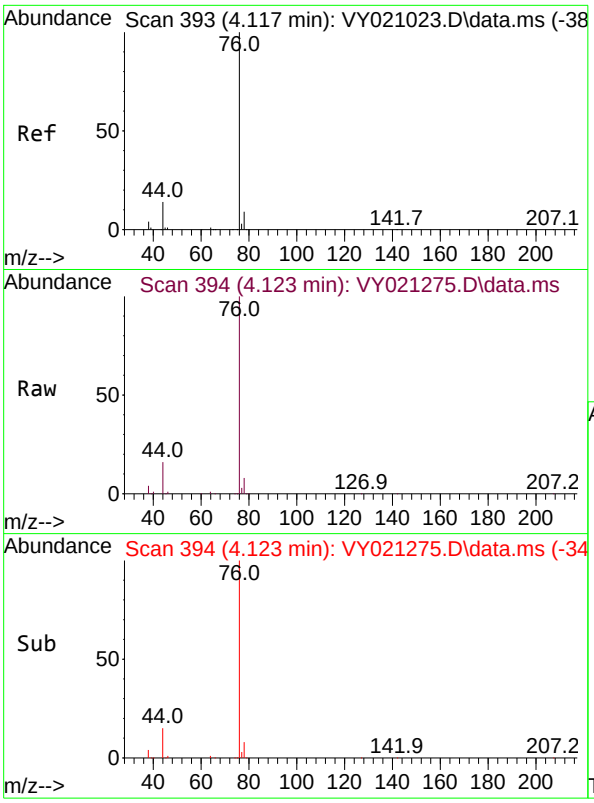


#16
Acetone
Concen: 292.469 ug/l
RT: 3.897 min Scan# 357
Delta R.T. 0.018 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 43 Resp: 62919

Ion	Ratio	Lower	Upper
43	100		
58	29.1	26.6	39.8



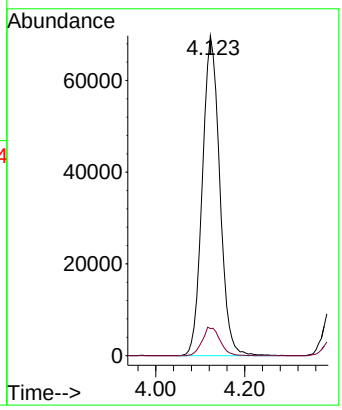


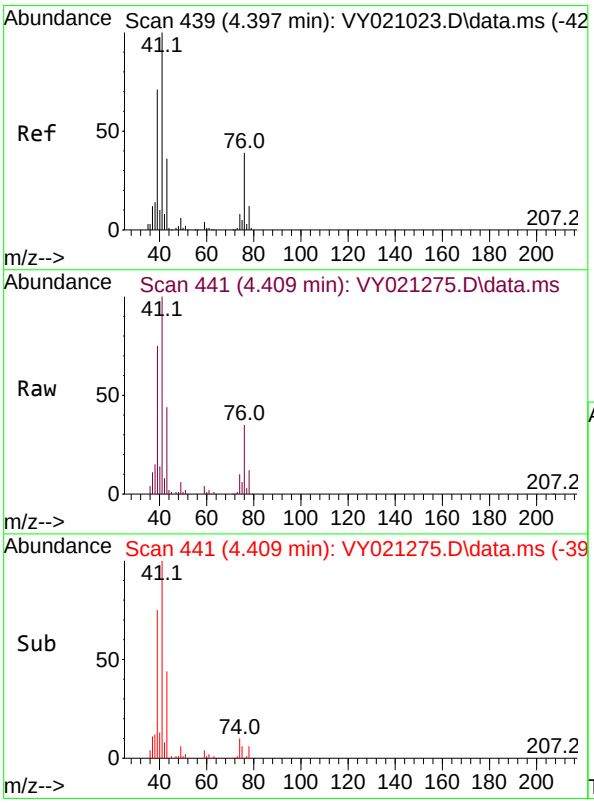
#17
Carbon Disulfide
Concen: 46.891 ug/l
RT: 4.123 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 188763

Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.4	11.0

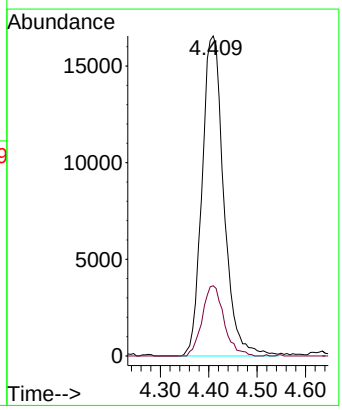


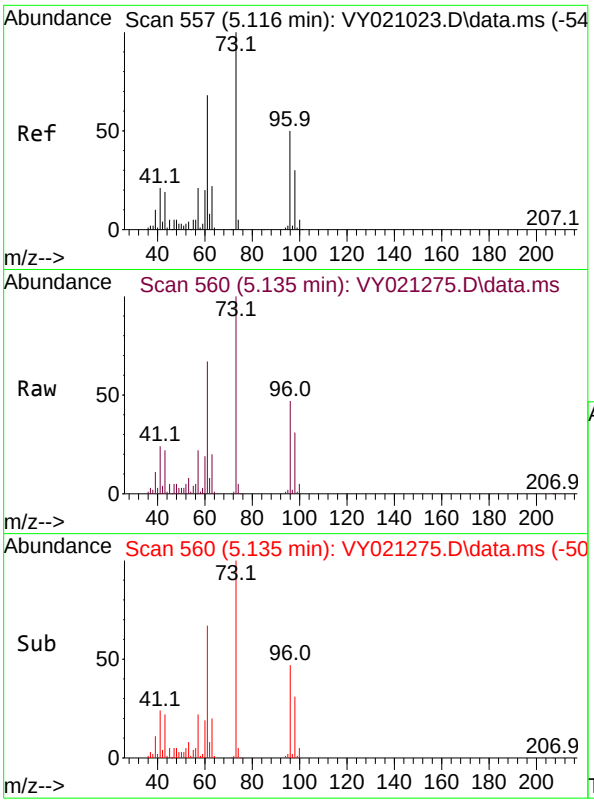


#18
Methyl Acetate
Concen: 68.522 ug/l
RT: 4.409 min Scan# 441
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 43 Resp: 51748

Ion	Ratio	Lower	Upper
43	100		
74	21.9	19.8	29.6



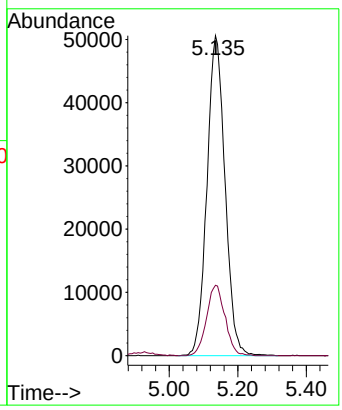


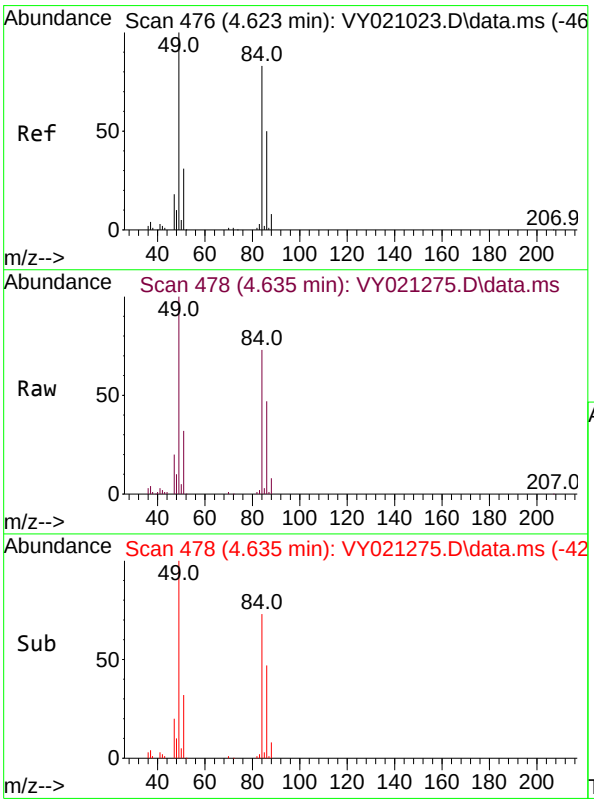
#19
Methyl tert-butyl Ether
Concen: 57.088 ug/l
RT: 5.135 min Scan# 5
Delta R.T. 0.018 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 185238

Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.7	26.5

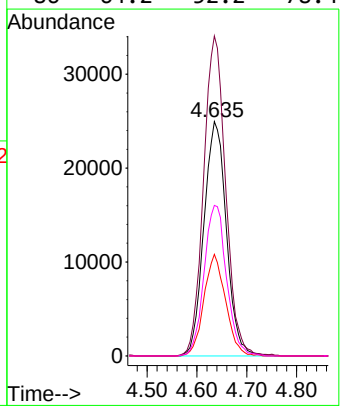


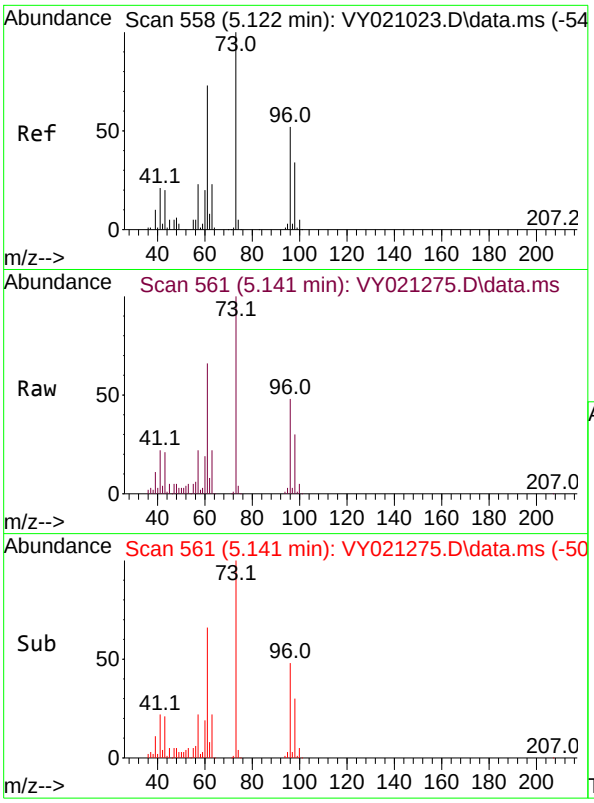


#20
Methylene Chloride
Concen: 58.723 ug/l
RT: 4.635 min Scan# 478
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 84 Resp: 78534

Ion	Ratio	Lower	Upper
84	100		
49	136.3	95.2	142.8
51	43.3	29.9	44.9
86	64.2	52.2	78.4



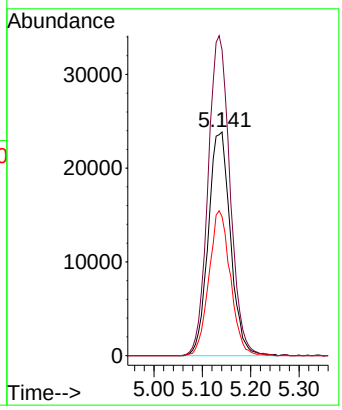


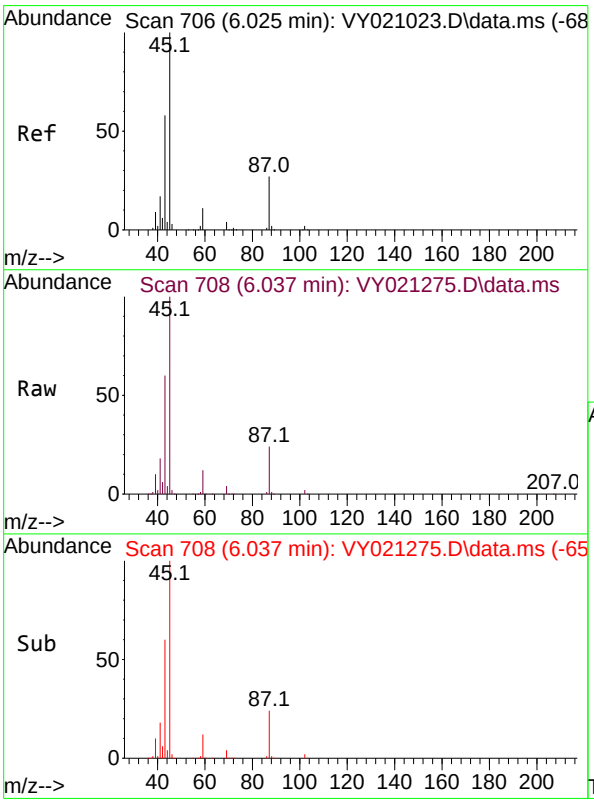
#21
trans-1,2-Dichloroethene
Concen: 53.821 ug/l
RT: 5.141 min Scan# 5
Delta R.T. 0.018 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 76055

Ion	Ratio	Lower	Upper
96	100		
61	136.7	104.6	156.8
98	62.2	50.9	76.3

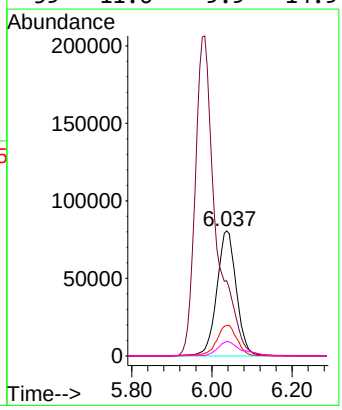


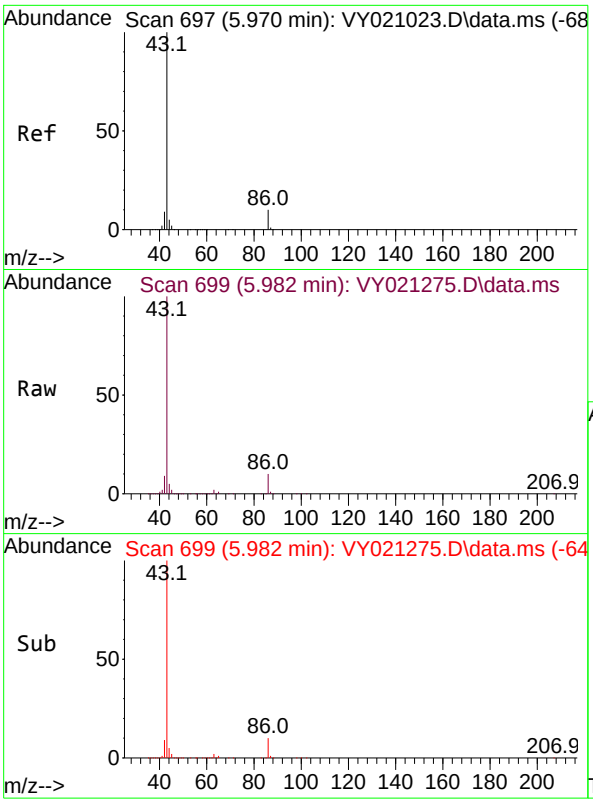


#22
Diisopropyl ether
Concen: 60.874 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 45 Resp: 271476

Ion	Ratio	Lower	Upper
45	100		
43	59.8	46.8	70.2
87	24.3	22.2	33.2
59	11.6	9.9	14.9



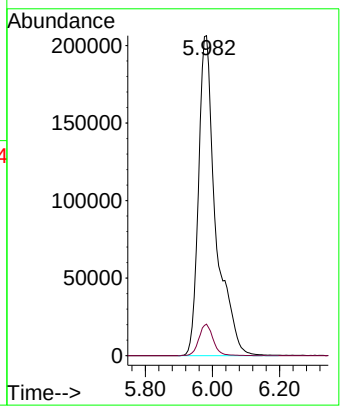


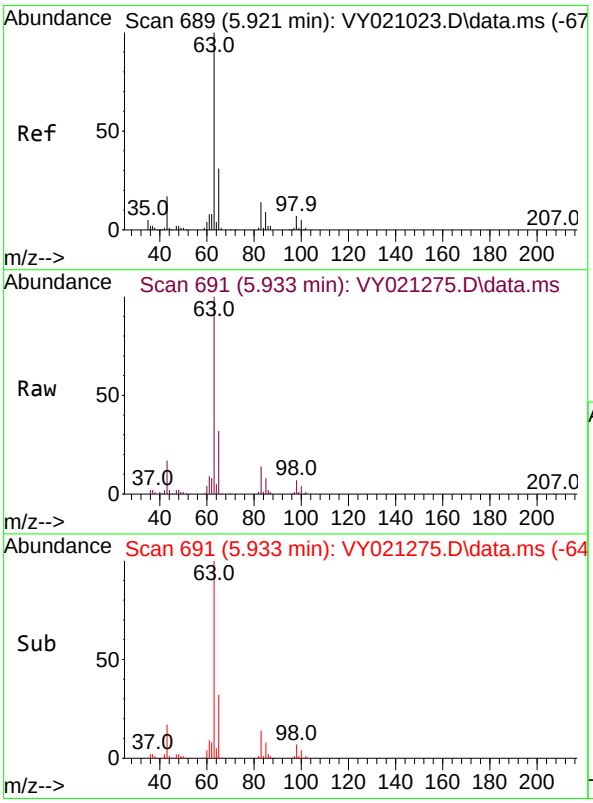
#23
Vinyl Acetate
Concen: 295.758 ug/l
RT: 5.982 min Scan# 69
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 735278

Ion	Ratio	Lower	Upper
43	100		
86	9.8	8.6	13.0

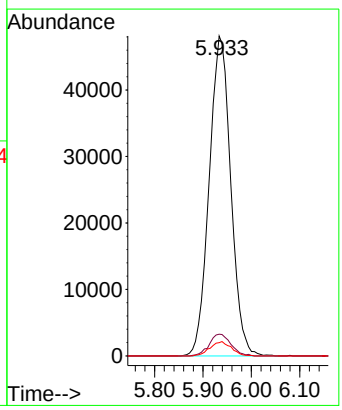


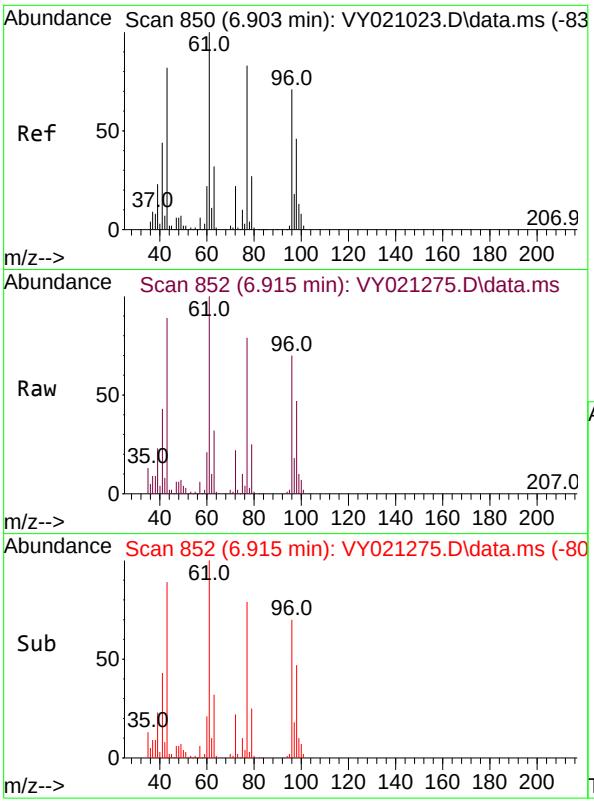


#24
1,1-Dichloroethane
Concen: 57.076 ug/l
RT: 5.933 min Scan# 691
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 63 Resp: 149132

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.8	11.4
100	4.1	2.1	6.2



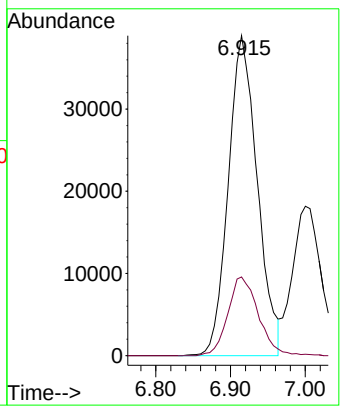


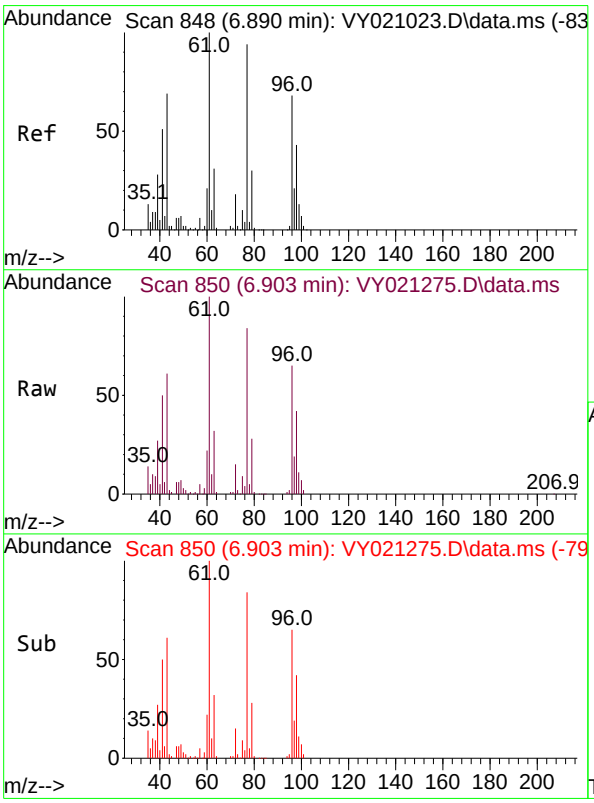
#25
2-Butanone
Concen: 297.023 ug/l
RT: 6.915 min Scan# 8
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 105003

Ion	Ratio	Lower	Upper
43	100		
72	24.6	21.4	32.2

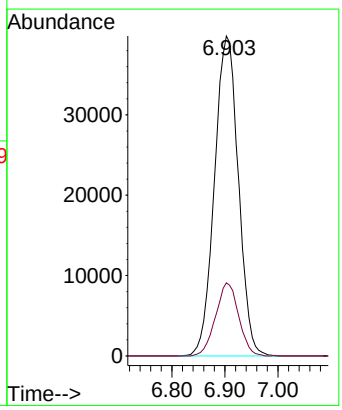


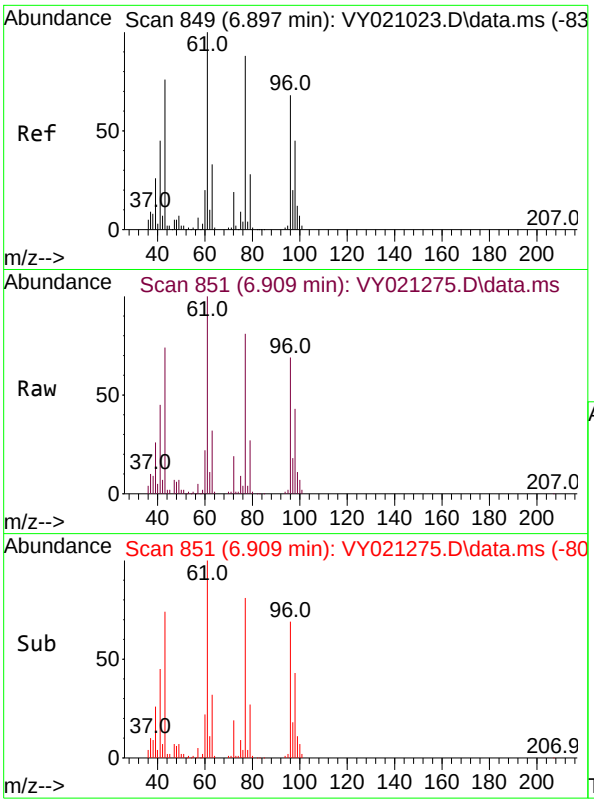


#26
2,2-Dichloropropane
Concen: 51.467 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 77 Resp: 124428

Ion	Ratio	Lower	Upper
77	100		
97	22.0	11.7	35.0



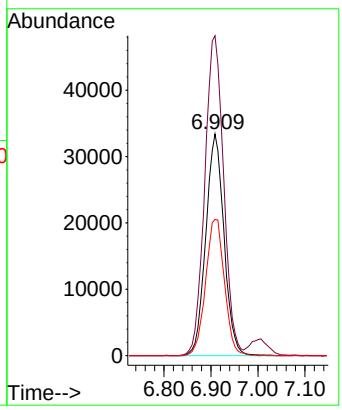


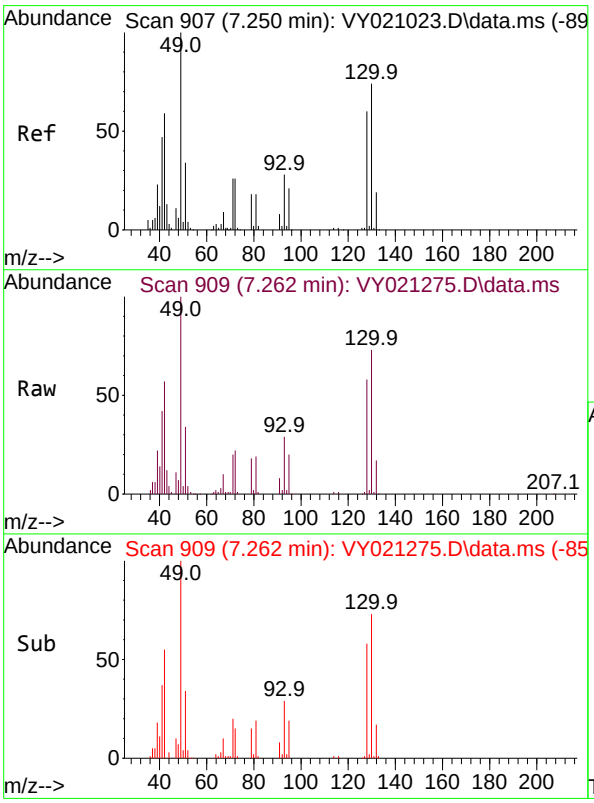
#27
cis-1,2-Dichloroethene
Concen: 55.391 ug/l
RT: 6.909 min Scan# 8
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 90095

Ion	Ratio	Lower	Upper
96	100		
61	149.9	0.0	278.8
98	63.5	0.0	127.0

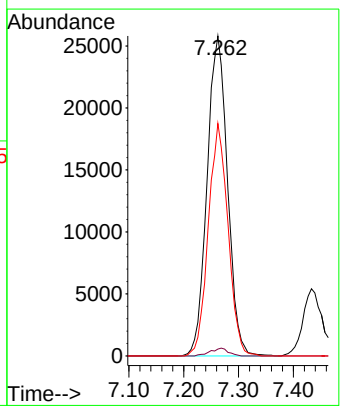


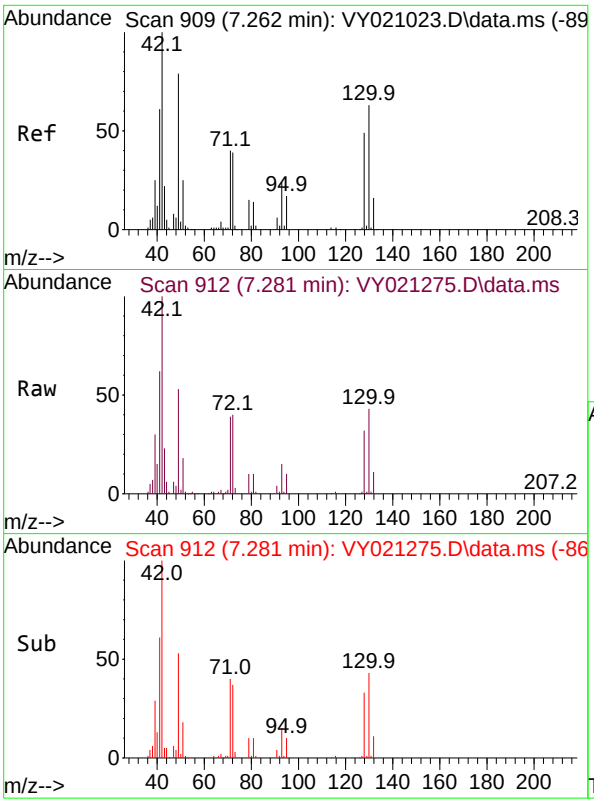


#28
Bromochloromethane
Concen: 64.798 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 49 Resp: 66949

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	69.9	59.8	89.8



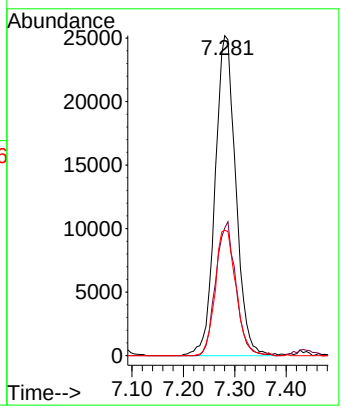


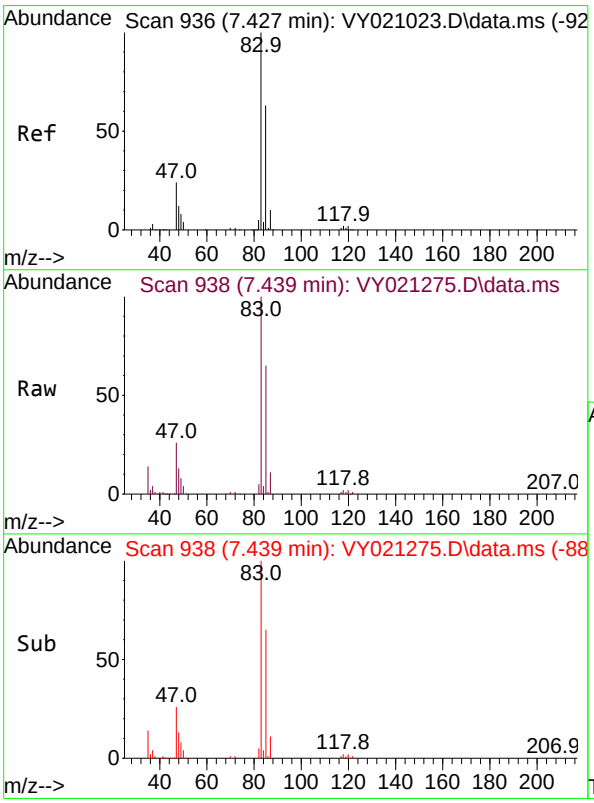
#29
Tetrahydrofuran
Concen: 294.152 ug/l
RT: 7.281 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 70365

Ion	Ratio	Lower	Upper
42	100		
72	40.5	36.6	54.8
71	39.6	33.8	50.6

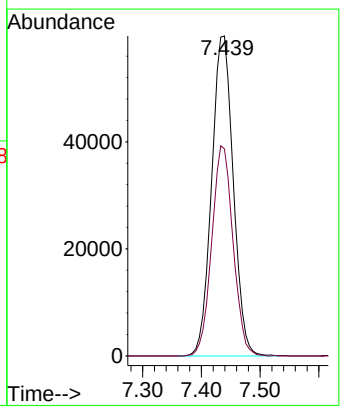


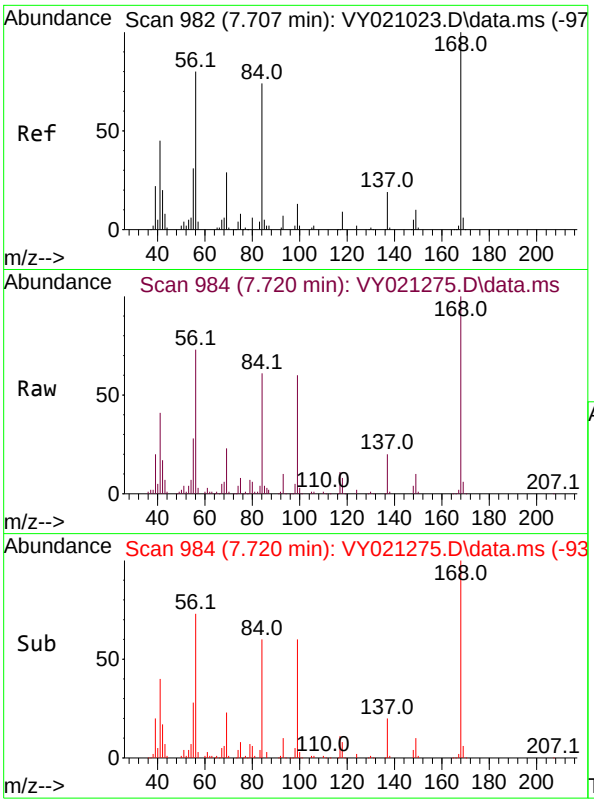


#30
Chloroform
Concen: 56.956 ug/l
RT: 7.439 min Scan# 938
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 83 Resp: 152860

Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.2	76.8



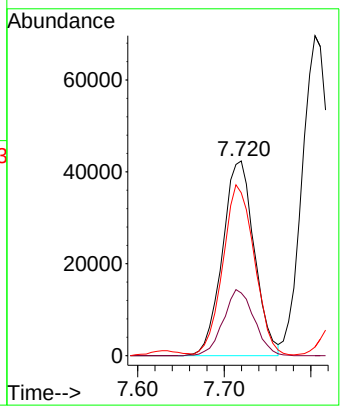


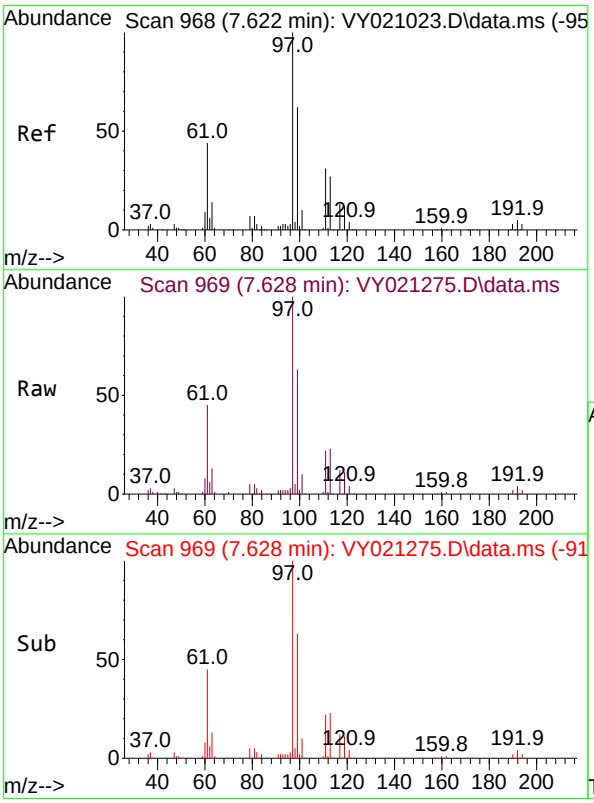
#31
Cyclohexane
Concen: 46.238 ug/l
RT: 7.720 min Scan# 98
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 108795

Ion	Ratio	Lower	Upper
56	100		
69	32.2	27.0	40.6
84	81.9	71.8	107.6

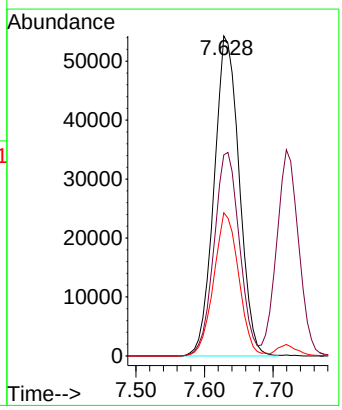


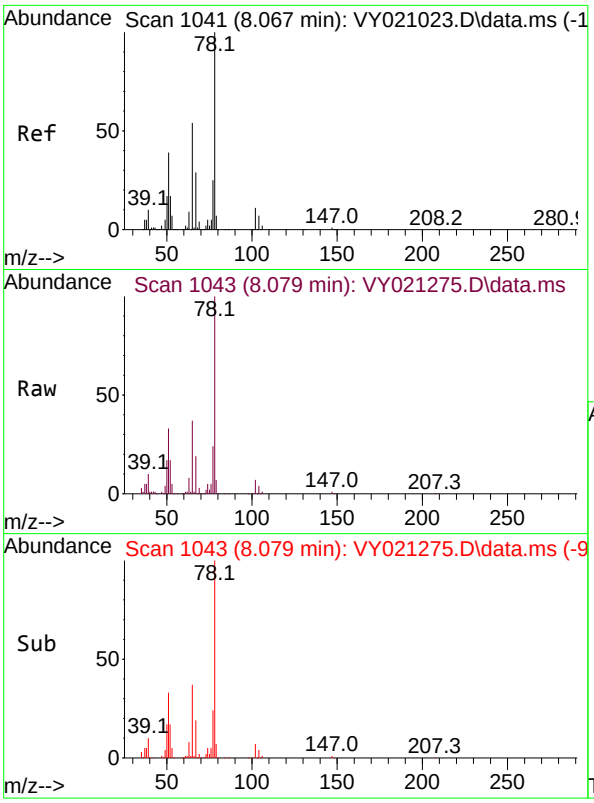


#32
1,1,1-Trichloroethane
Concen: 55.572 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 97 Resp: 138665

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.2	76.8
61	44.5	35.0	52.6



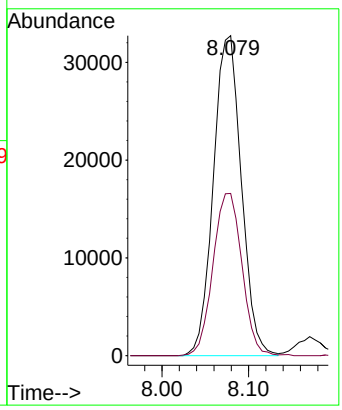


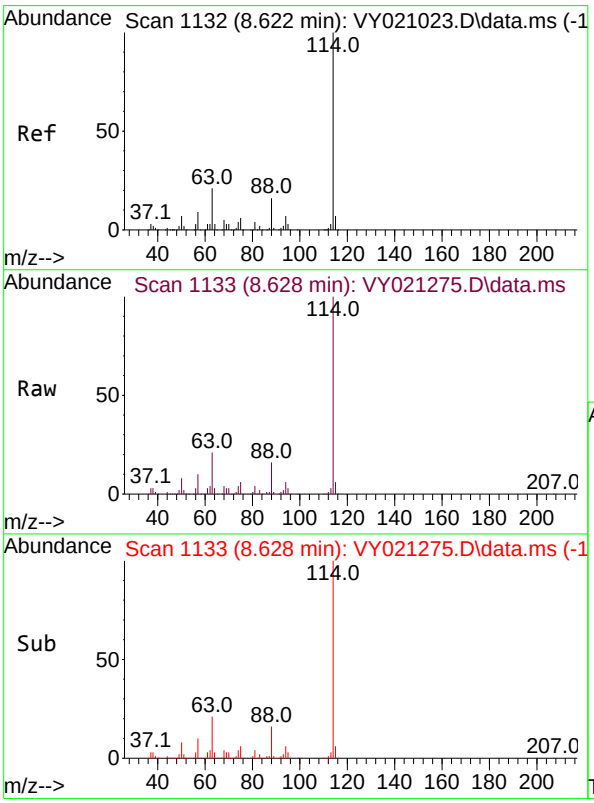
#33
1,2-Dichloroethane-d4
Concen: 53.279 ug/l
RT: 8.079 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 73499

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	109.0

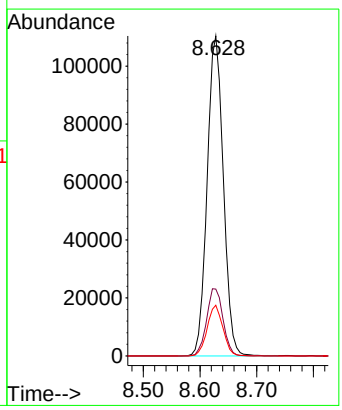


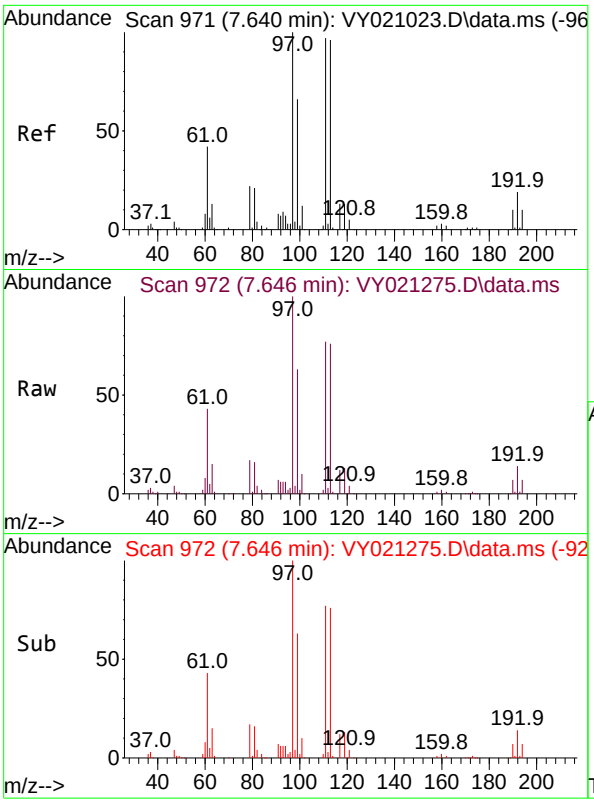


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.628 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:114 Resp: 218893

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	37.4
88	15.8	0.0	29.0



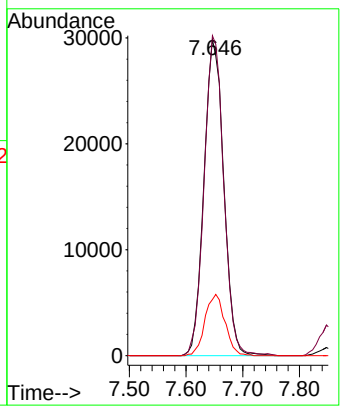


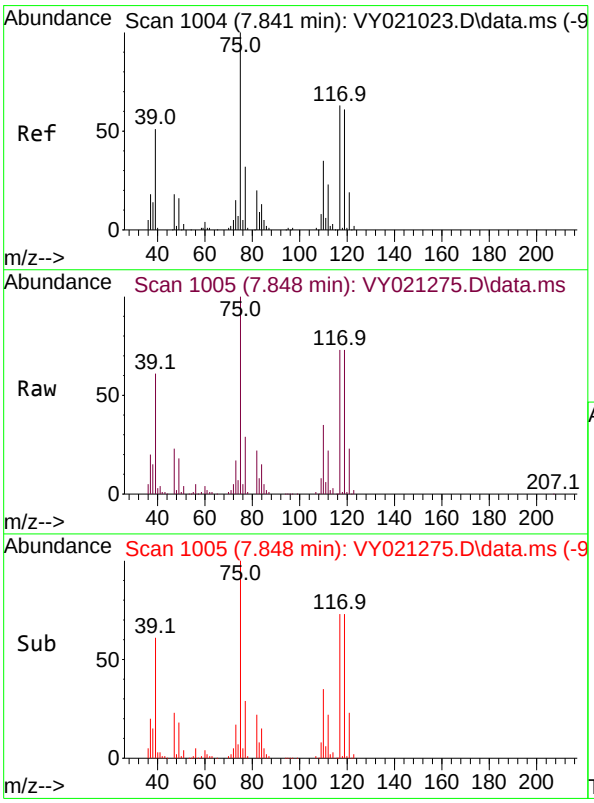
#35
Dibromofluoromethane
Concen: 51.569 ug/l
RT: 7.646 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 72342

Ion	Ratio	Lower	Upper
113	100		
111	100.2	83.8	125.6
192	19.6	14.5	21.7

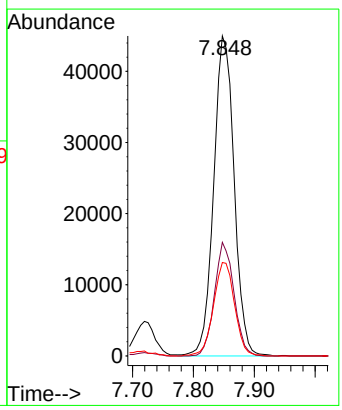


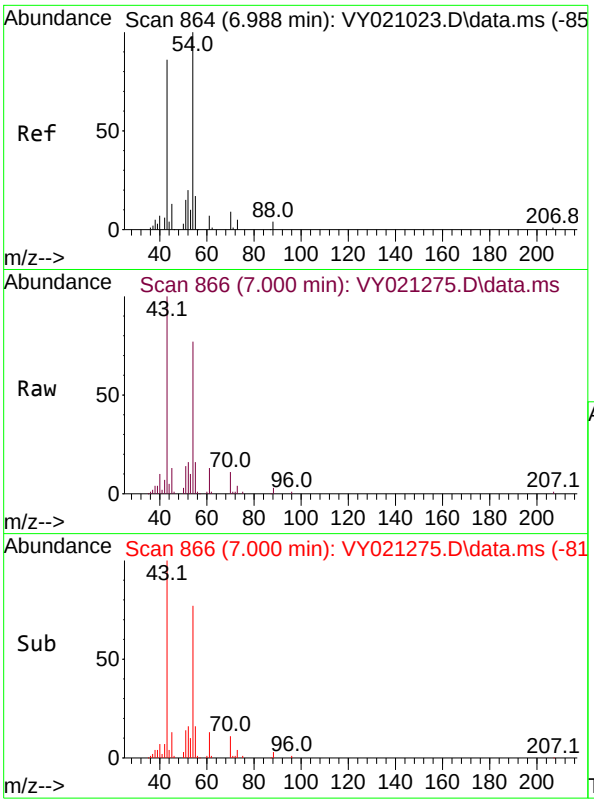


#36
1,1-Dichloropropene
Concen: 50.550 ug/l
RT: 7.848 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 75 Resp: 105033

Ion	Ratio	Lower	Upper
75	100		
110	33.8	17.4	52.3
77	30.1	24.7	37.1



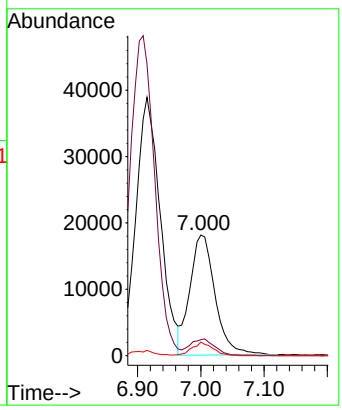


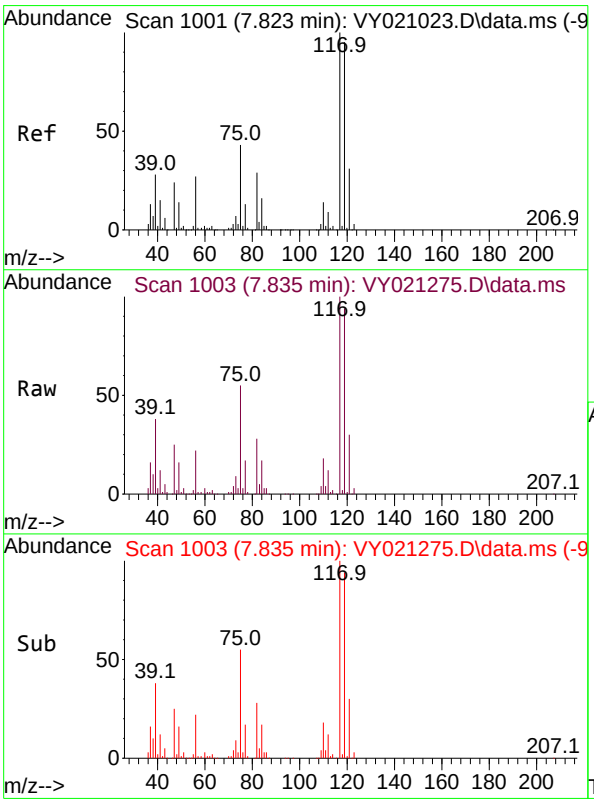
#37
Ethyl Acetate
Concen: 55.122 ug/l
RT: 7.000 min Scan# 8
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 50245

Ion	Ratio	Lower	Upper
43	100		
61	13.0	11.0	16.6
70	9.2	8.1	12.1

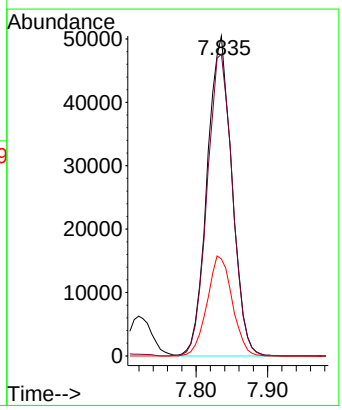


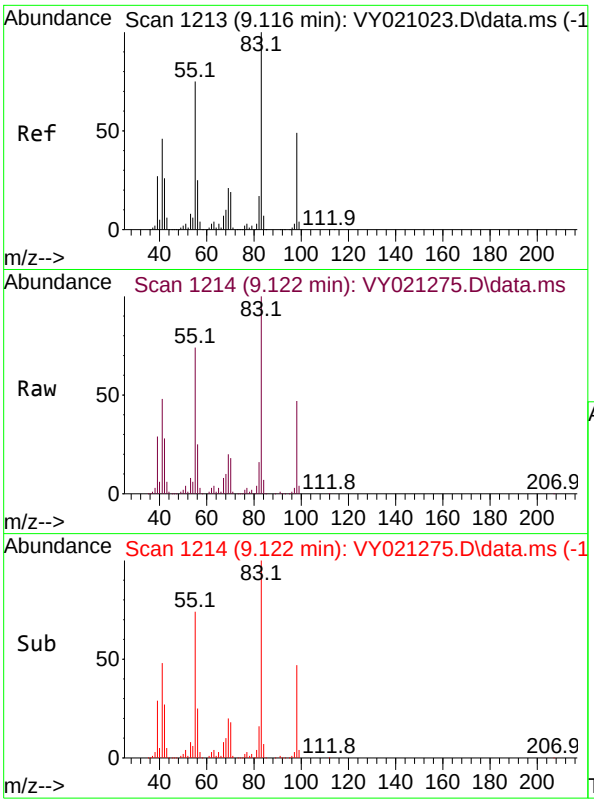


#38
Carbon Tetrachloride
Concen: 49.912 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:117 Resp: 121178

Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.0	114.0
121	30.3	24.2	36.2



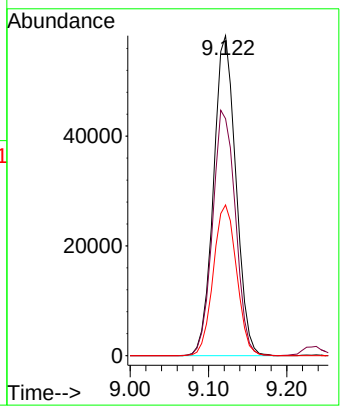


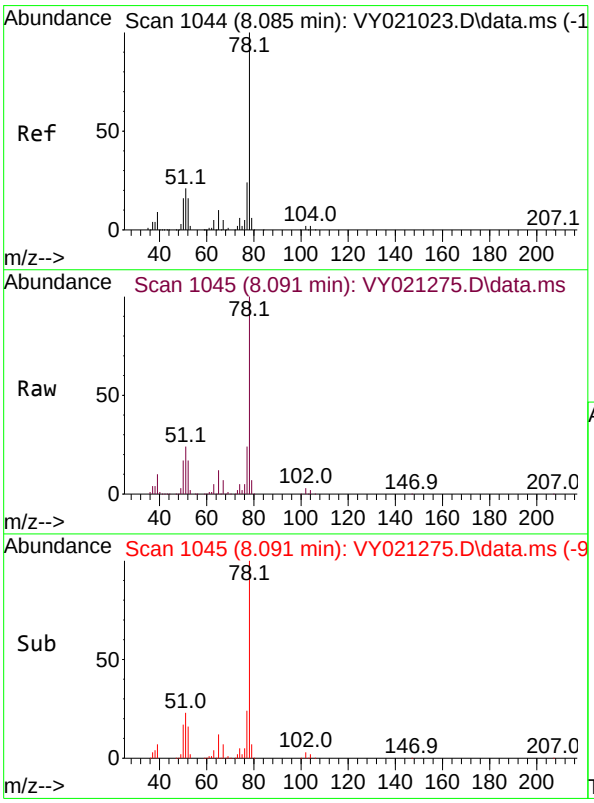
#39
Methylcyclohexane
Concen: 45.490 ug/l
RT: 9.122 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 115614

Ion	Ratio	Lower	Upper
83	100		
55	74.0	59.7	89.5
98	47.1	38.0	57.0

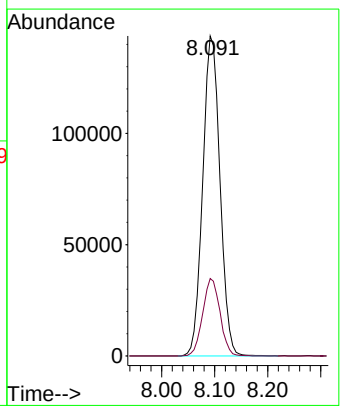


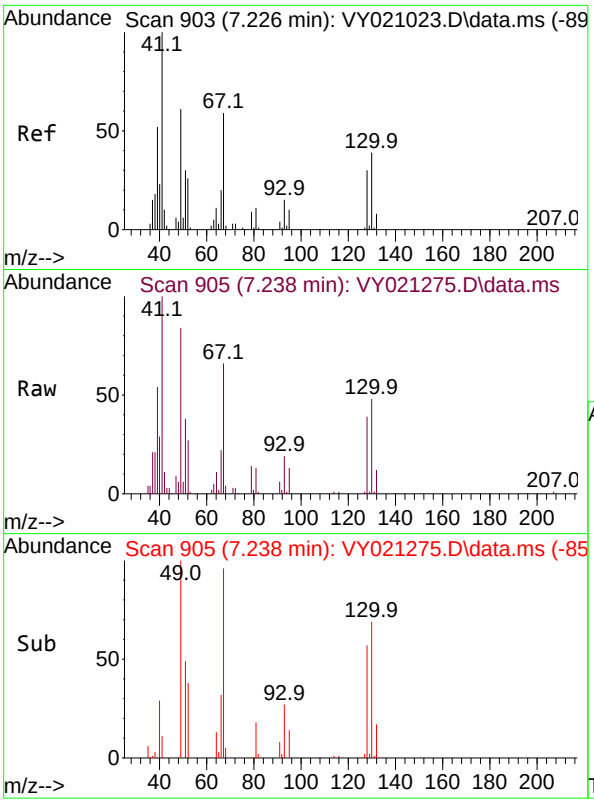


#40
Benzene
Concen: 53.166 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 78 Resp: 324187

Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.8	28.2



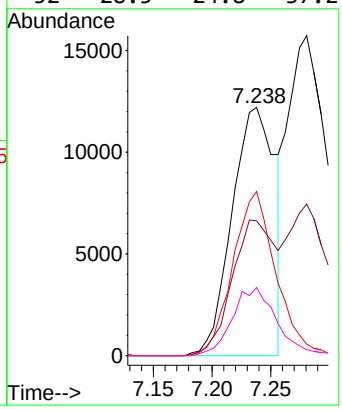


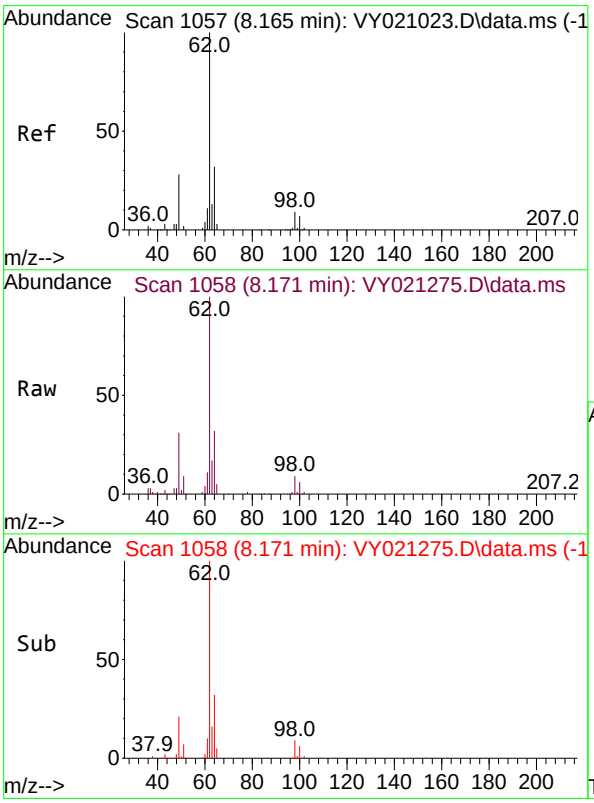
#41
Methacrylonitrile
Concen: 58.909 ug/l
RT: 7.238 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 31065

Ion	Ratio	Lower	Upper
41	100		
39	54.4	41.9	62.9
67	66.7	59.8	89.6
52	28.5	24.8	37.2

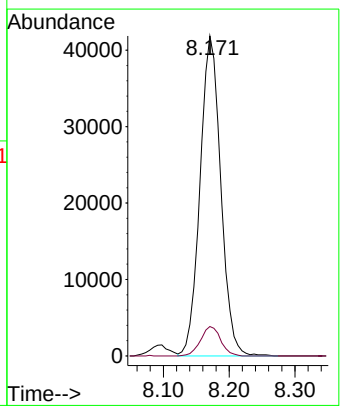


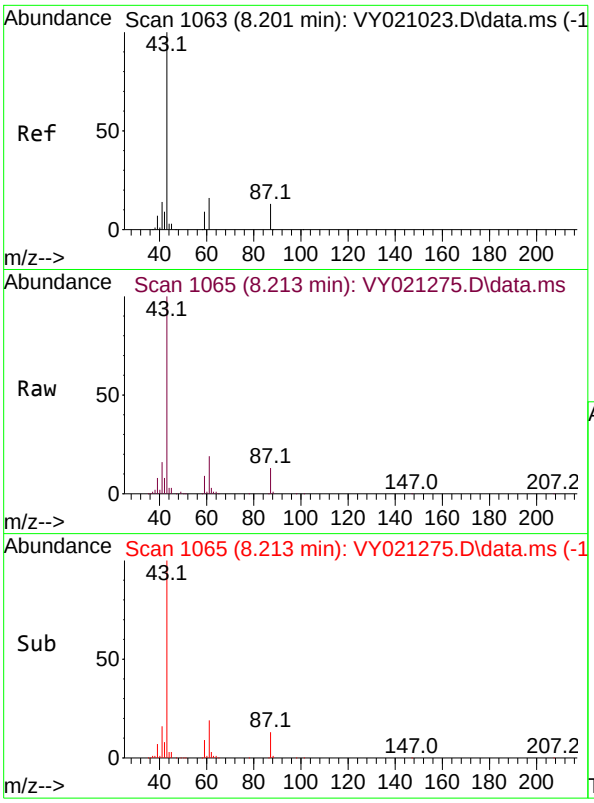


#42
1,2-Dichloroethane
Concen: 54.268 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 62 Resp: 91794

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	20.2



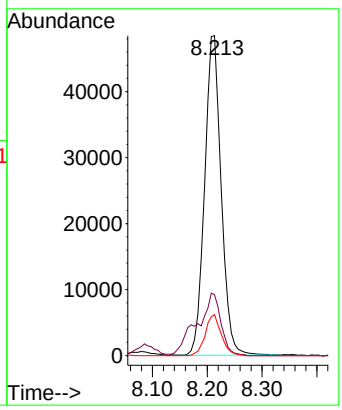


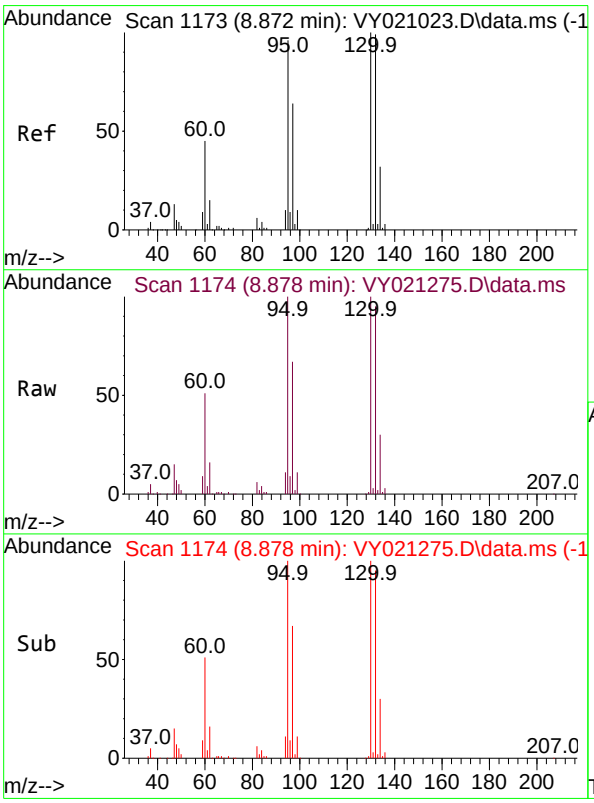
#43
Isopropyl Acetate
Concen: 56.240 ug/l
RT: 8.213 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 101862

Ion	Ratio	Lower	Upper
43	100		
61	28.2	24.8	37.2
87	12.4	10.7	16.1

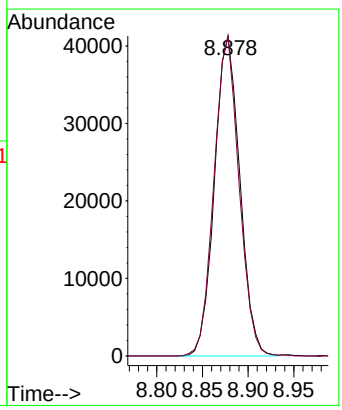


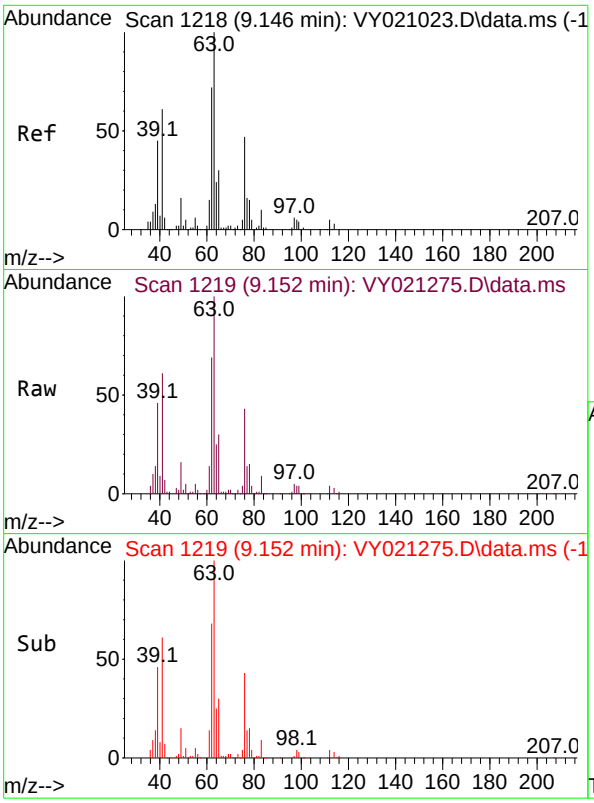


#44
Trichloroethene
Concen: 50.313 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:130 Resp: 79263

Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	203.8



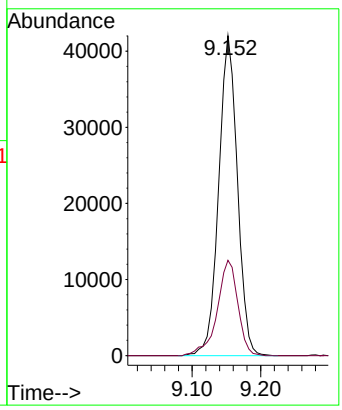


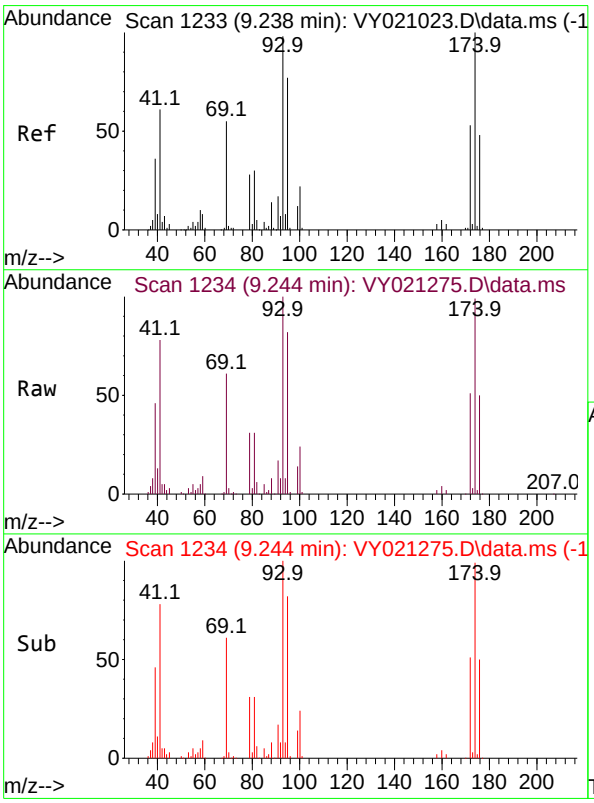
#45
1,2-Dichloropropane
Concen: 55.222 ug/l
RT: 9.152 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 79921

Ion	Ratio	Lower	Upper
63	100		
65	29.8	24.6	36.8

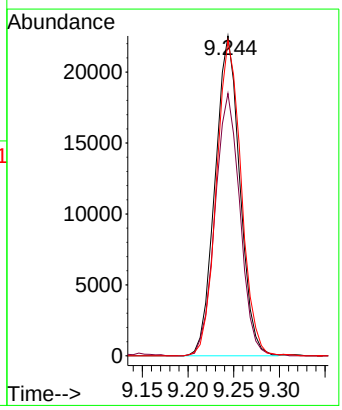


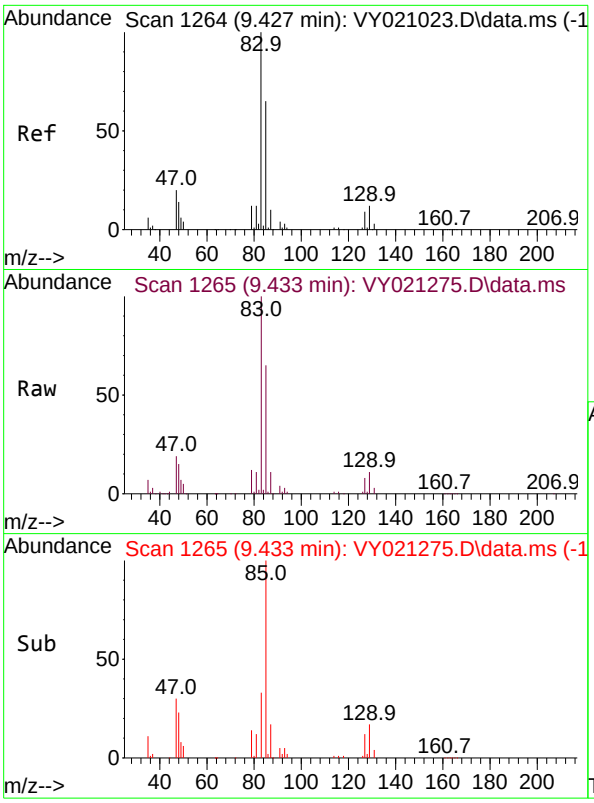


#46
Dibromomethane
Concen: 52.936 ug/l
RT: 9.244 min Scan# 1234
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 93 Resp: 42419

Ion	Ratio	Lower	Upper
93	100		
95	82.3	66.6	99.8
174	98.6	73.8	110.6



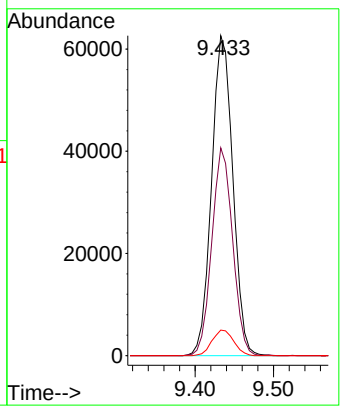


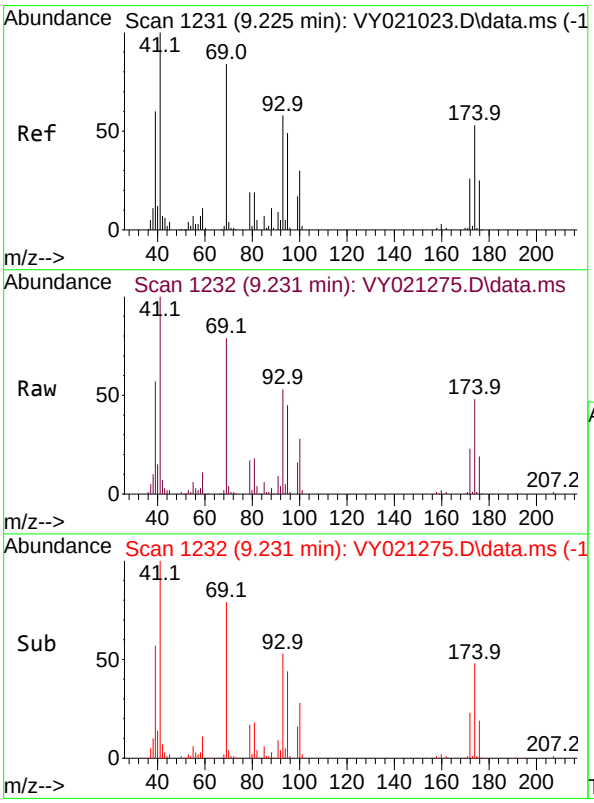
#47
Bromodichloromethane
Concen: 54.838 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 117853

Ion	Ratio	Lower	Upper
83	100		
85	64.9	53.2	79.8
127	8.0	6.4	9.6

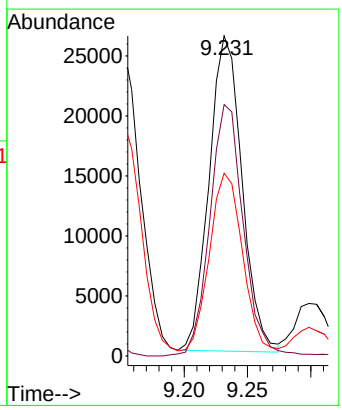


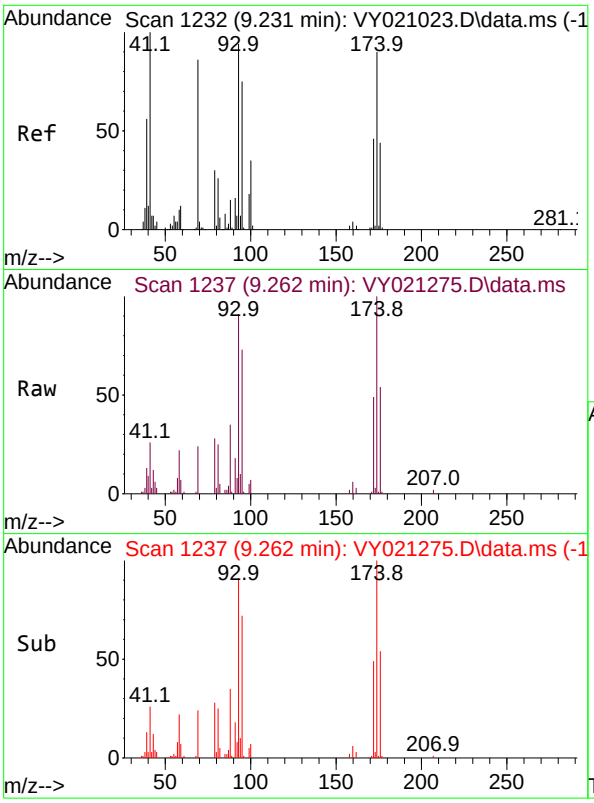


#48
Methyl methacrylate
Concen: 57.687 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 41 Resp: 47593

Ion	Ratio	Lower	Upper
41	100		
69	81.3	72.1	108.1
39	59.8	42.8	64.2



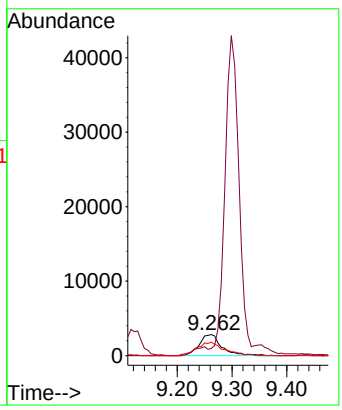


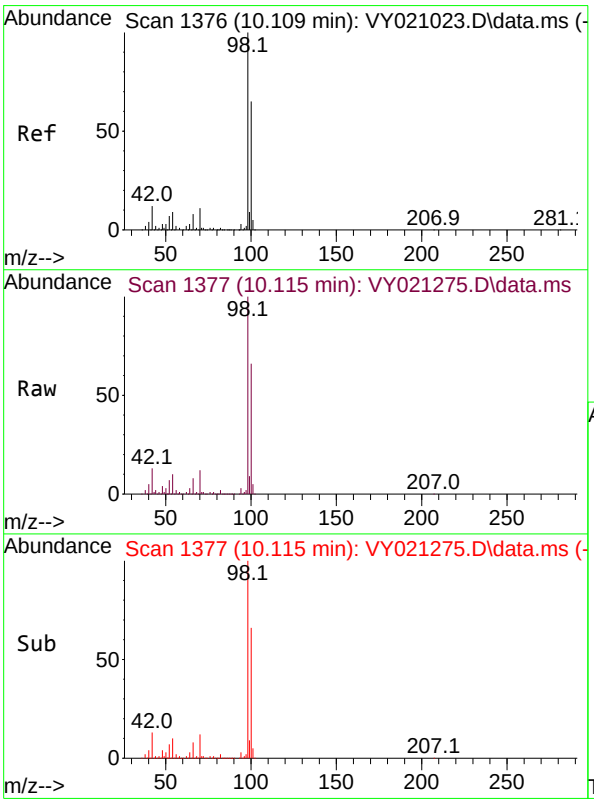
#49
1,4-Dioxane
Concen: 1081.002 ug/l
RT: 9.262 min Scan# 1
Delta R.T. 0.030 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 8064

Ion	Ratio	Lower	Upper
88	100		
43	27.9	28.2	42.4#
58	75.3	52.2	78.2

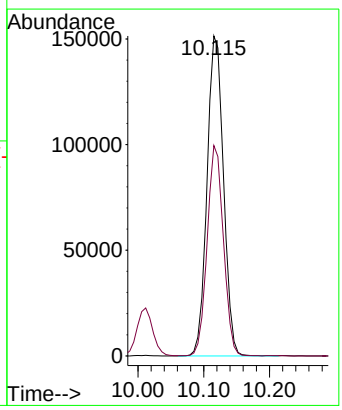


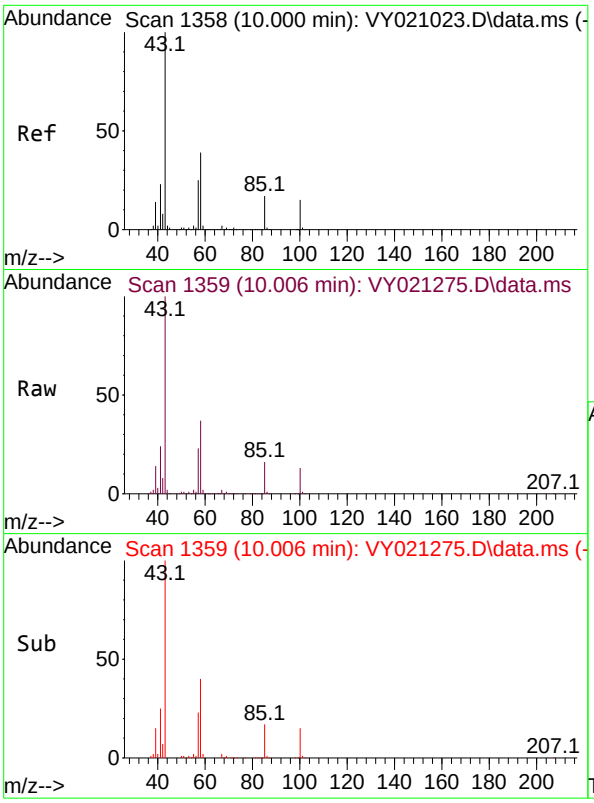


#50
Toluene-d8
Concen: 49.121 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 98 Resp: 262335

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.3	78.5



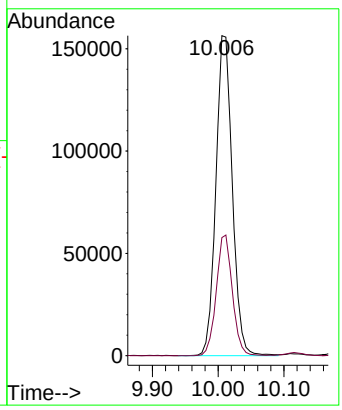


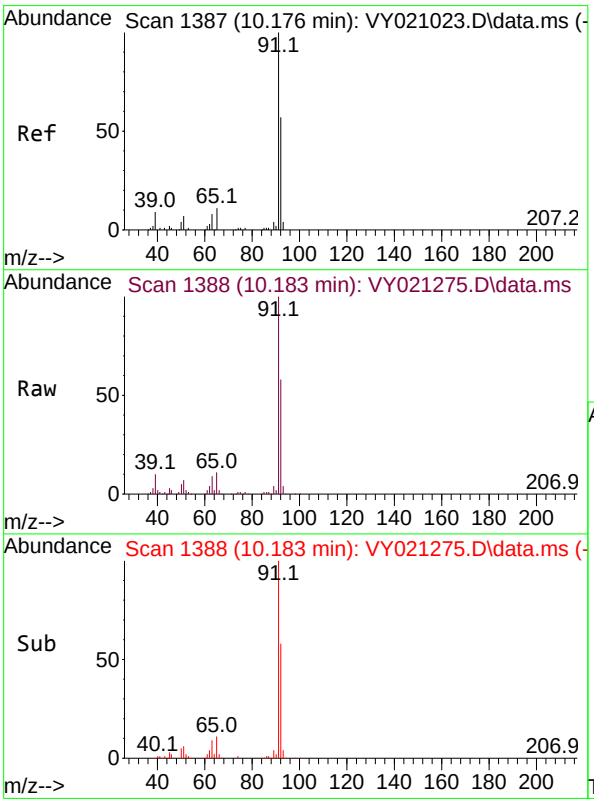
#51
4-Methyl-2-Pentanone
Concen: 296.038 ug/l
RT: 10.006 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 269630

Ion	Ratio	Lower	Upper
43	100		
58	36.9	32.2	48.2

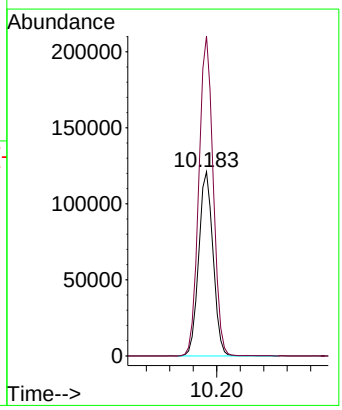


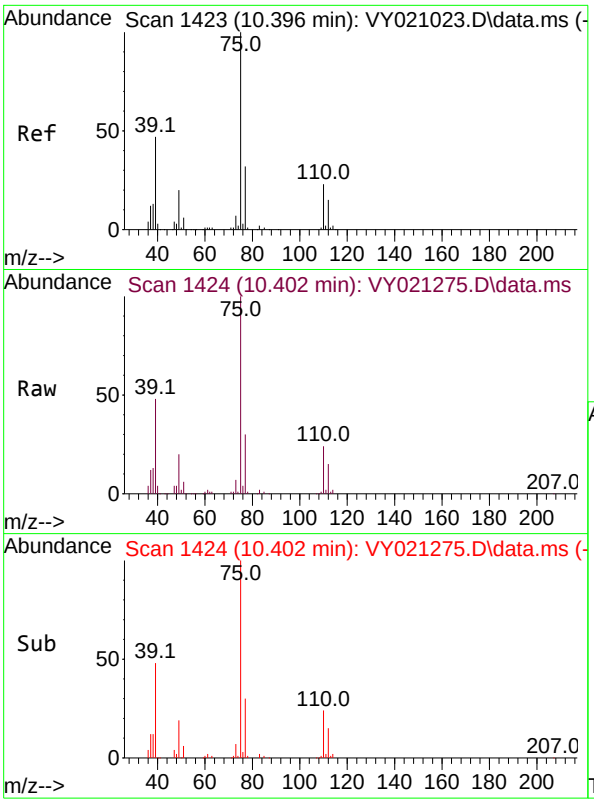


#52
Toluene
Concen: 53.414 ug/l
RT: 10.183 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 92 Resp: 204505

Ion	Ratio	Lower	Upper
92	100		
91	173.9	137.6	206.4



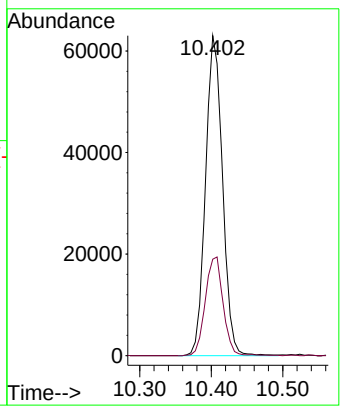


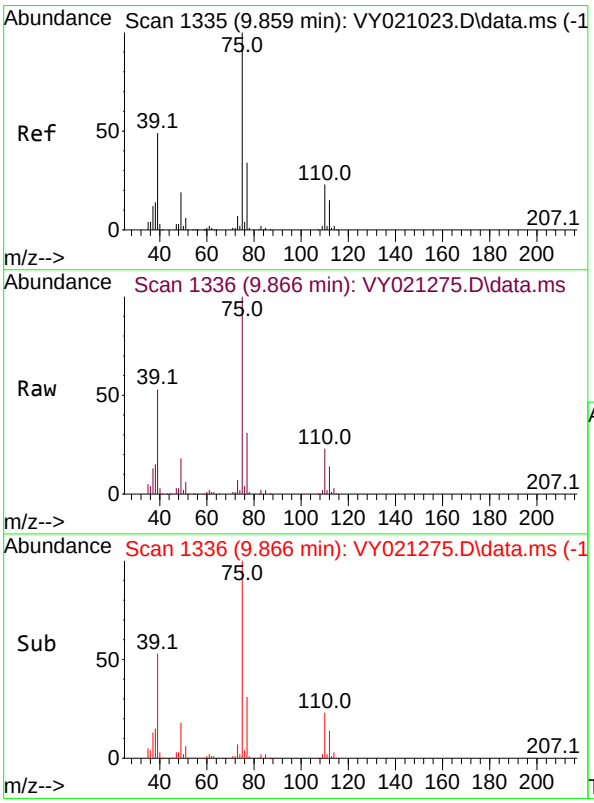
#53
t-1,3-Dichloropropene
Concen: 53.911 ug/l
RT: 10.402 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 104033

Ion	Ratio	Lower	Upper
75	100		
77	30.1	24.6	36.8

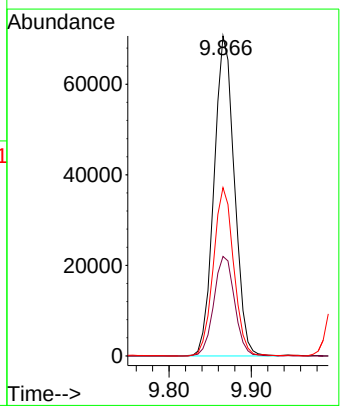


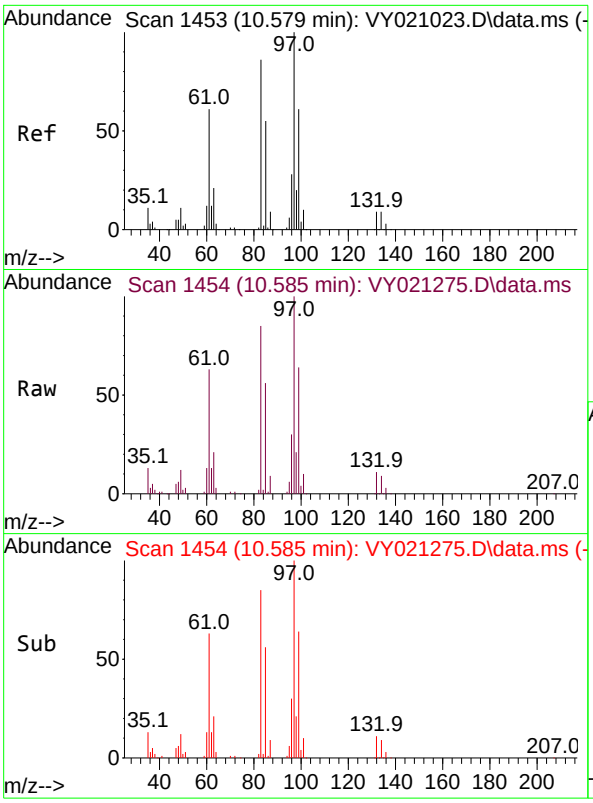


#54
cis-1,3-Dichloropropene
Concen: 53.134 ug/l
RT: 9.866 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 75 Resp: 121404

Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.6	36.8
39	52.6	33.6	50.4#



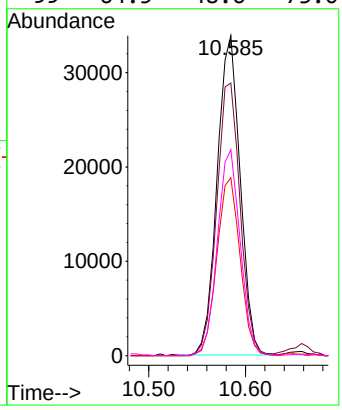


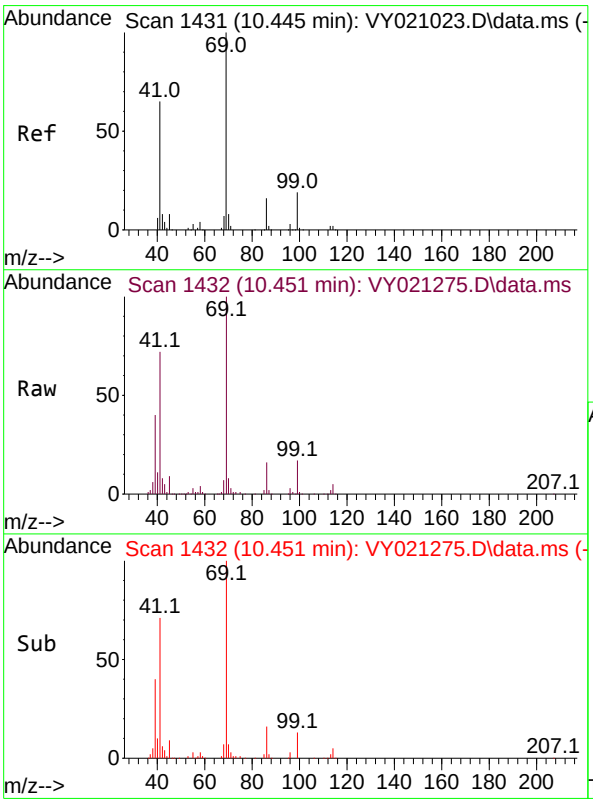
#55
1,1,2-Trichloroethane
Concen: 54.028 ug/l
RT: 10.585 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 56063

Ion	Ratio	Lower	Upper
97	100		
83	85.4	69.4	104.2
85	55.7	43.9	65.9
99	64.5	48.6	73.0

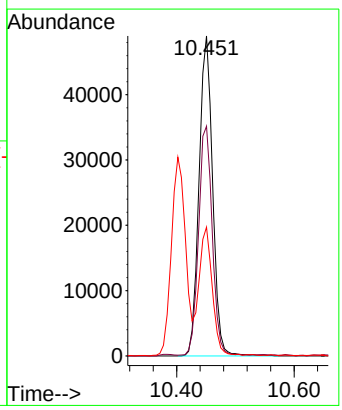


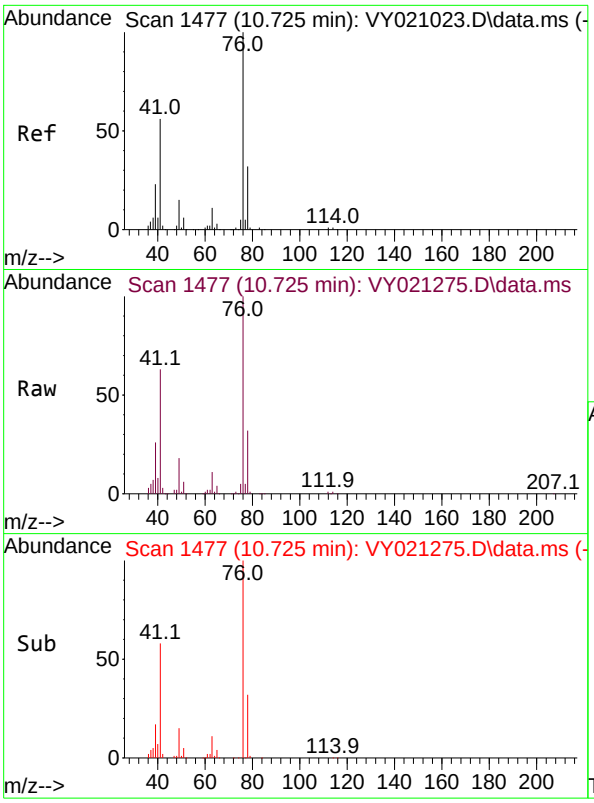


#56
Ethyl methacrylate
Concen: 56.492 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 69 Resp: 78420

Ion	Ratio	Lower	Upper
69	100		
41	72.0	49.2	73.8
39	39.3	26.8	40.2



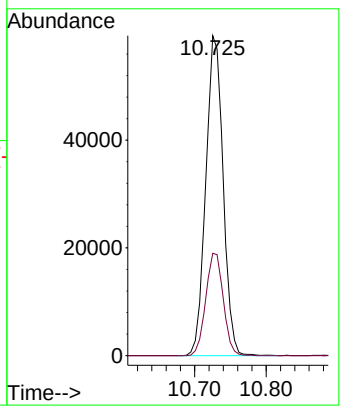


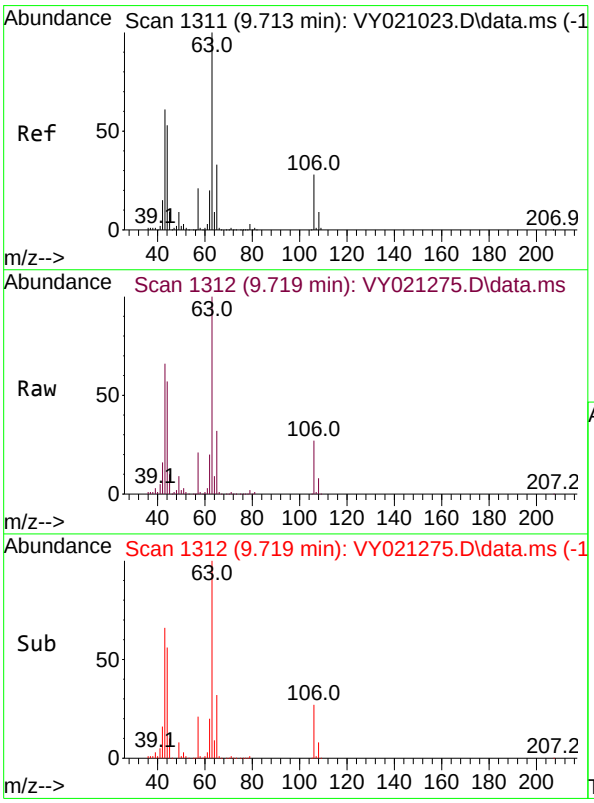
#57
1,3-Dichloropropane
Concen: 55.577 ug/l
RT: 10.725 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 99821

Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.1	39.1

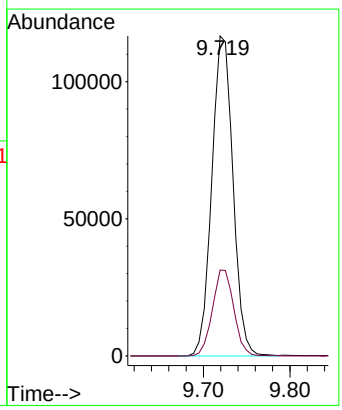


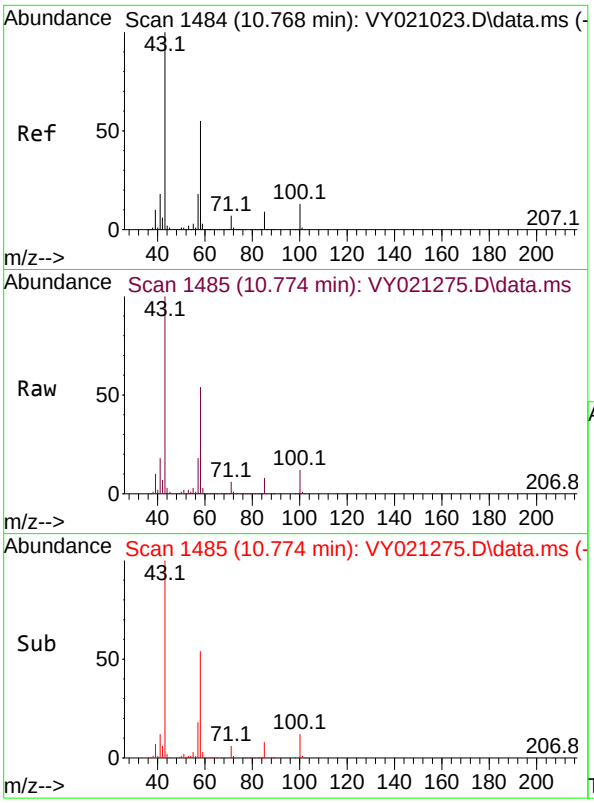


#58
2-Chloroethyl Vinyl ether
Concen: 301.108 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 63 Resp: 198856

Ion	Ratio	Lower	Upper
63	100		
106	27.0	22.4	33.6



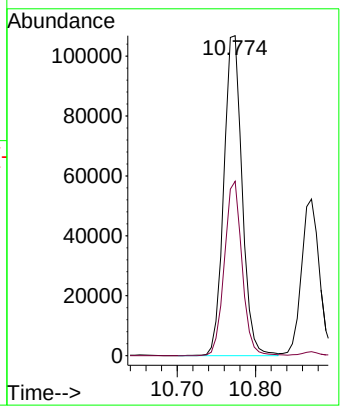


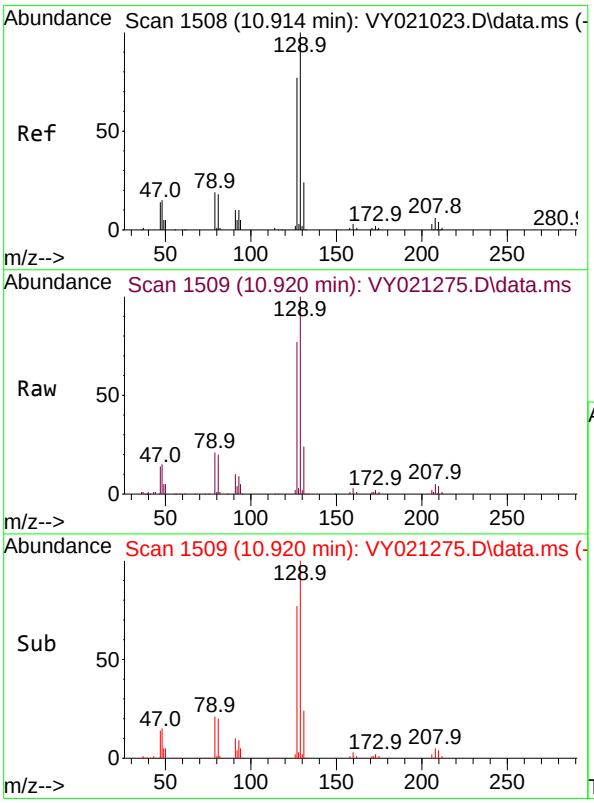
#59
2-Hexanone
Concen: 295.239 ug/l
RT: 10.774 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 173136

Ion	Ratio	Lower	Upper
43	100		
58	52.5	28.1	84.3

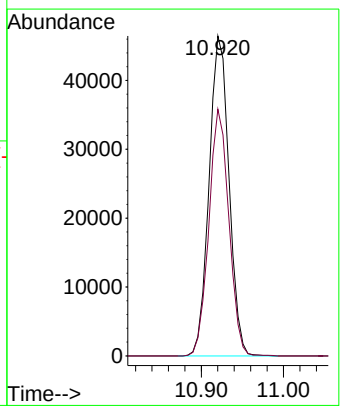


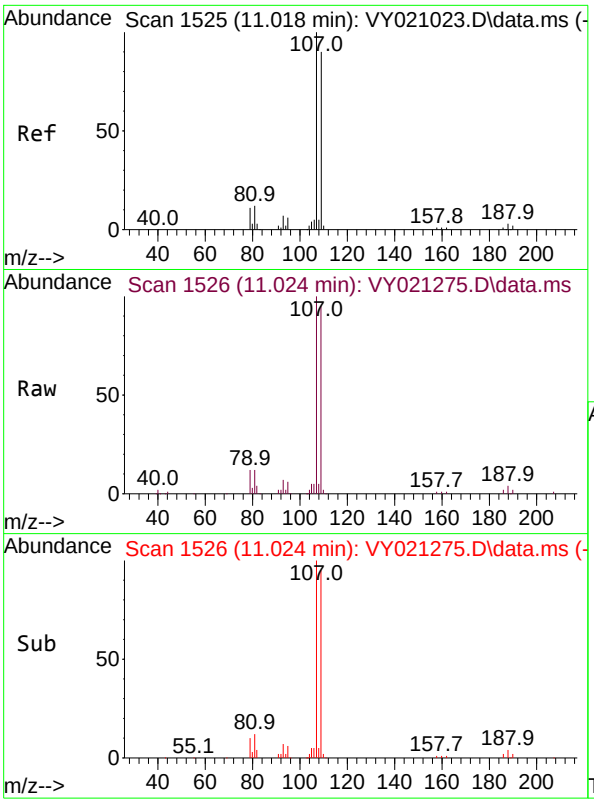


#60
Dibromochloromethane
Concen: 53.569 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:129 Resp: 78064

Ion	Ratio	Lower	Upper
129	100		
127	77.4	39.2	117.6



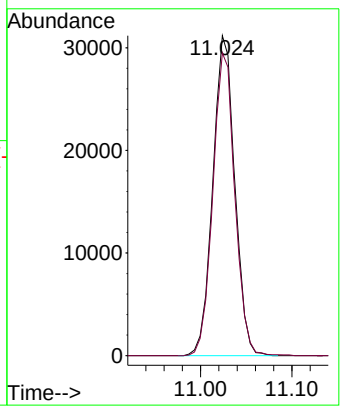


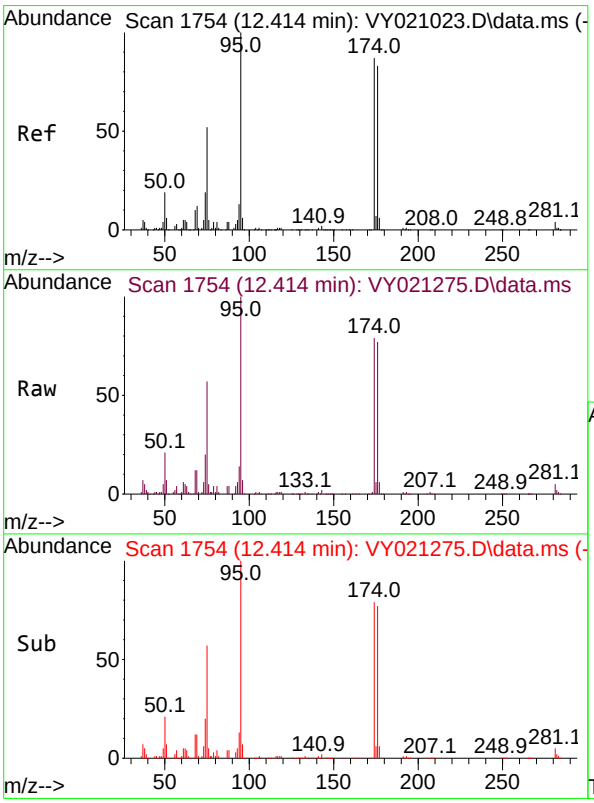
#61
1,2-Dibromoethane
Concen: 53.496 ug/l
RT: 11.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 51996

Ion	Ratio	Lower	Upper
107	100		
109	94.7	75.4	113.2

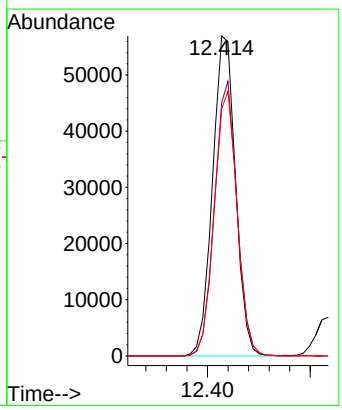


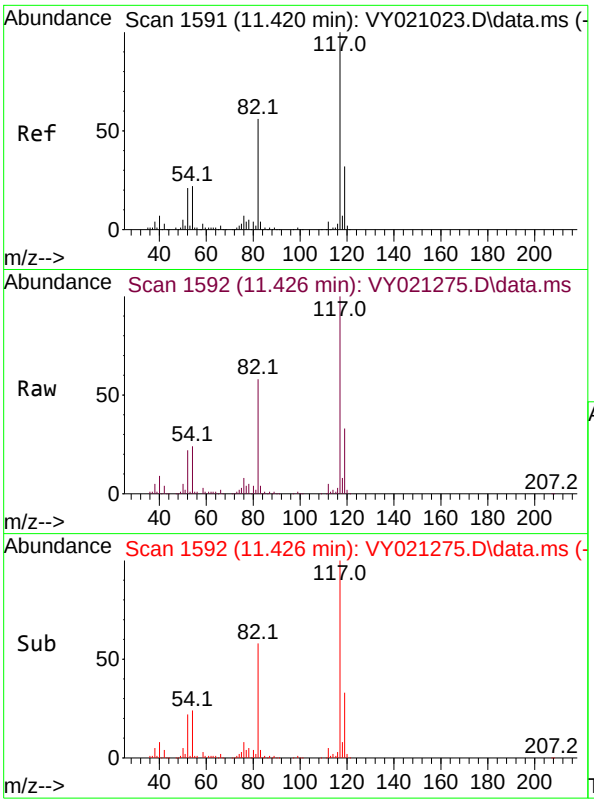


#62
4-Bromofluorobenzene
Concen: 50.693 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 95 Resp: 88447

Ion	Ratio	Lower	Upper
95	100		
174	84.0	0.0	160.0
176	82.2	0.0	151.8



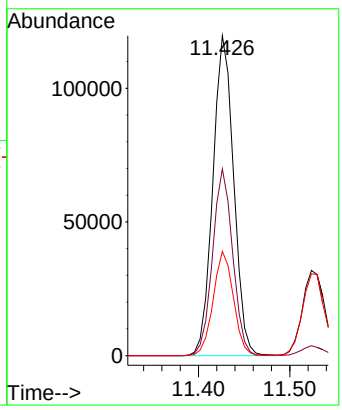


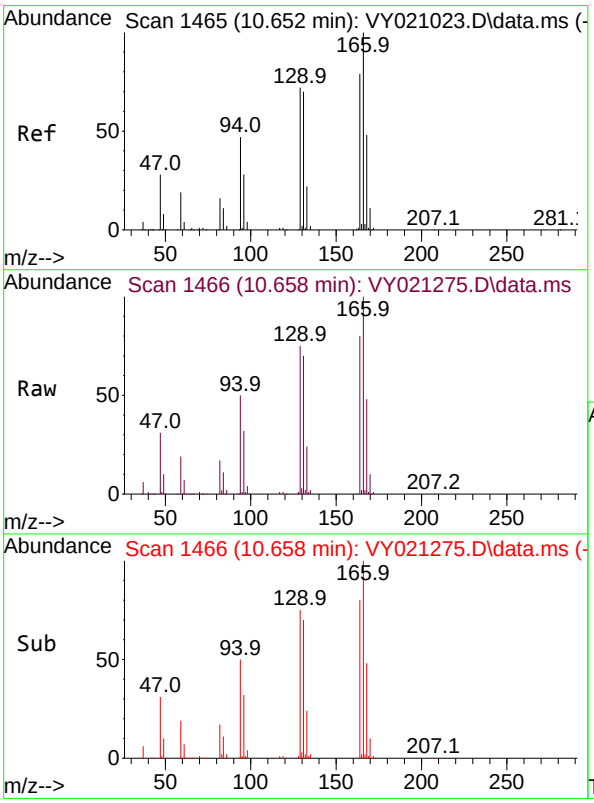
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 189433

Ion	Ratio	Lower	Upper
117	100		
82	58.3	43.8	65.8
119	32.6	26.5	39.7

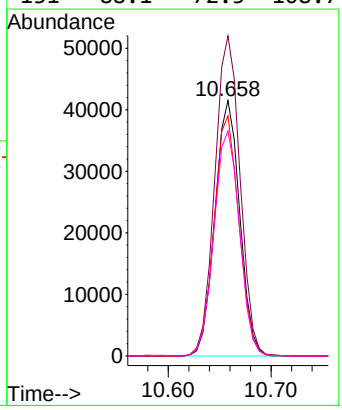


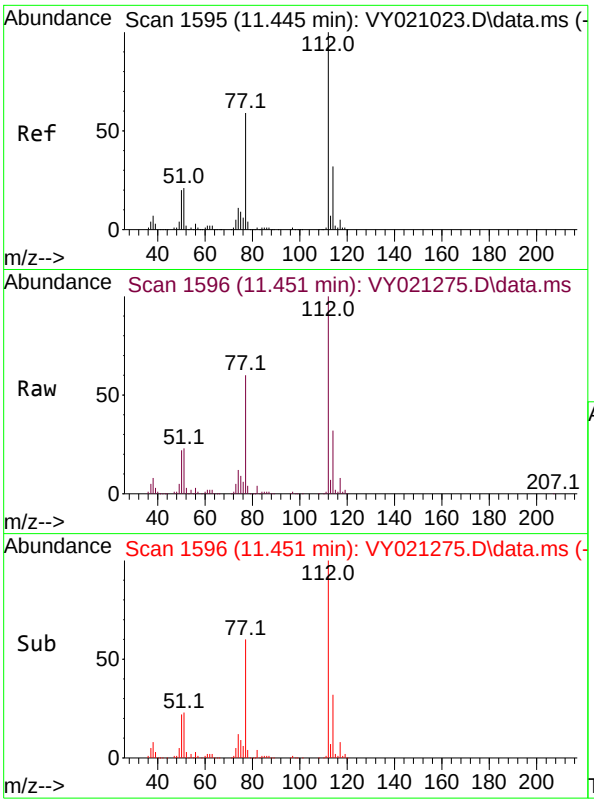


#64
Tetrachloroethene
Concen: 49.474 ug/l
RT: 10.658 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:164 Resp: 69573

Ion	Ratio	Lower	Upper
164	100		
166	125.4	98.8	148.2
129	94.0	78.9	118.3
131	88.1	72.5	108.7



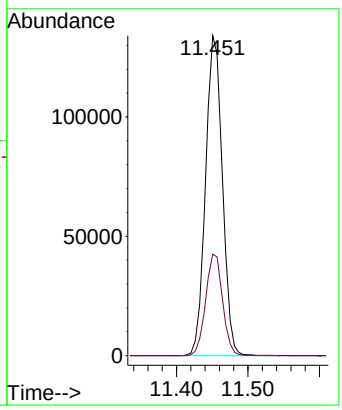


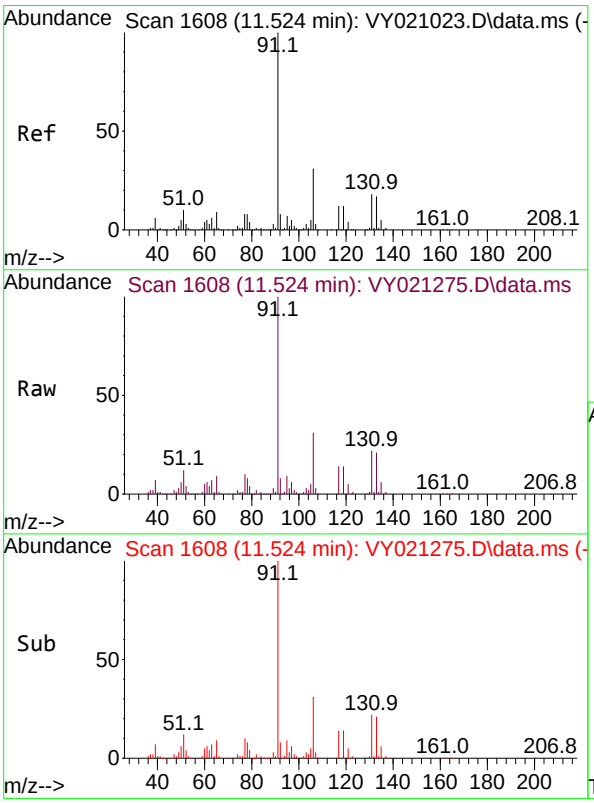
#65
Chlorobenzene
Concen: 51.935 ug/l
RT: 11.451 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 219066

Ion	Ratio	Lower	Upper
112	100		
114	31.7	26.1	39.1

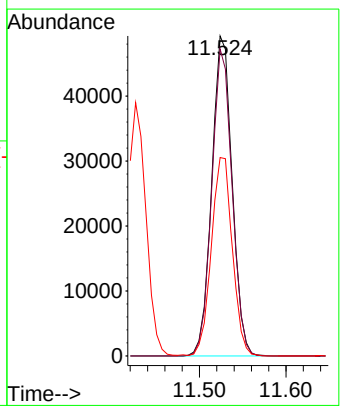


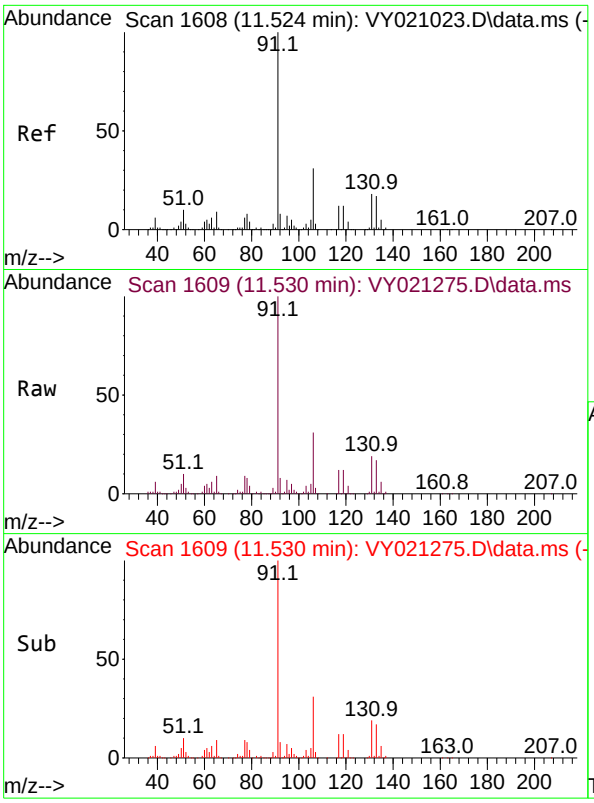


#66
1,1,1,2-Tetrachloroethane
Concen: 53.694 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:131 Resp: 80486

Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.0	141.0
119	64.0	33.3	99.9



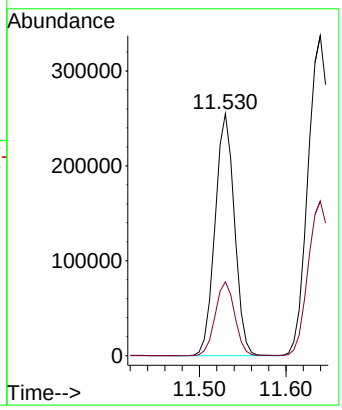


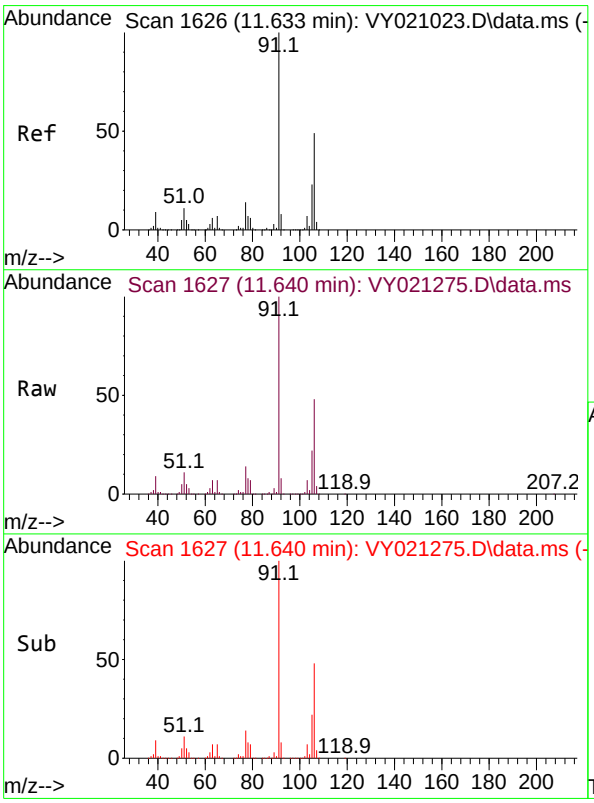
#67
Ethyl Benzene
Concen: 53.106 ug/l
RT: 11.530 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 396201

Ion	Ratio	Lower	Upper
91	100		
106	30.5	25.0	37.4

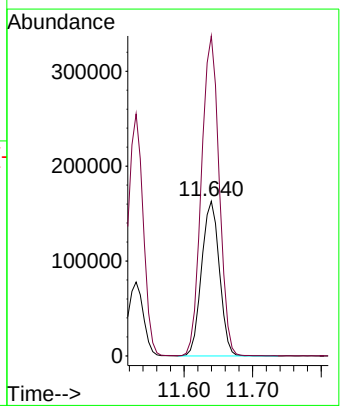


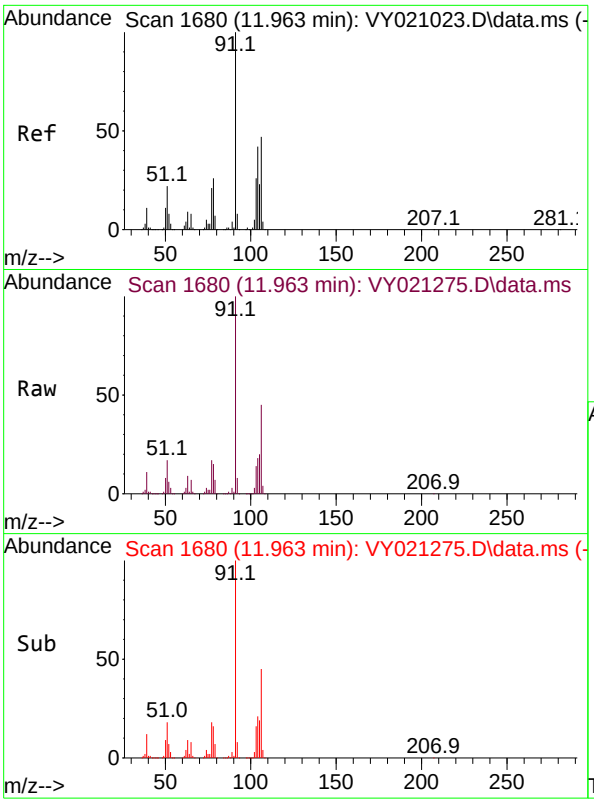


#68
m/p-Xylenes
Concen: 105.084 ug/l
RT: 11.640 min Scan# 1627
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:106 Resp: 293291

Ion	Ratio	Lower	Upper
106	100		
91	206.3	160.7	241.1



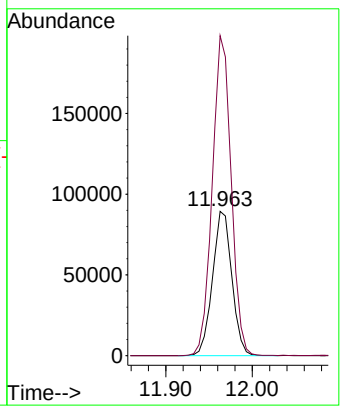


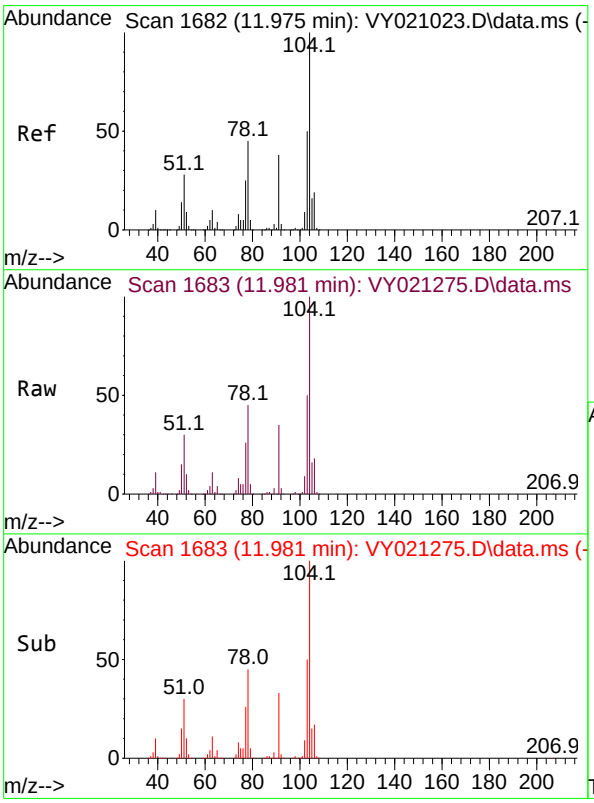
#69
o-Xylene
Concen: 53.345 ug/l
RT: 11.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 138811

Ion	Ratio	Lower	Upper
106	100		
91	217.0	106.5	319.5

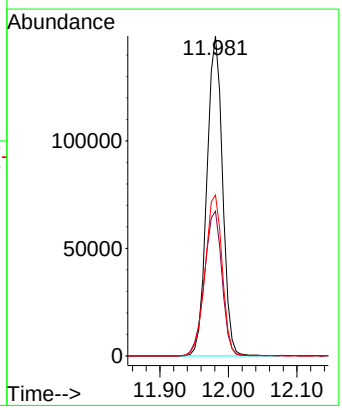


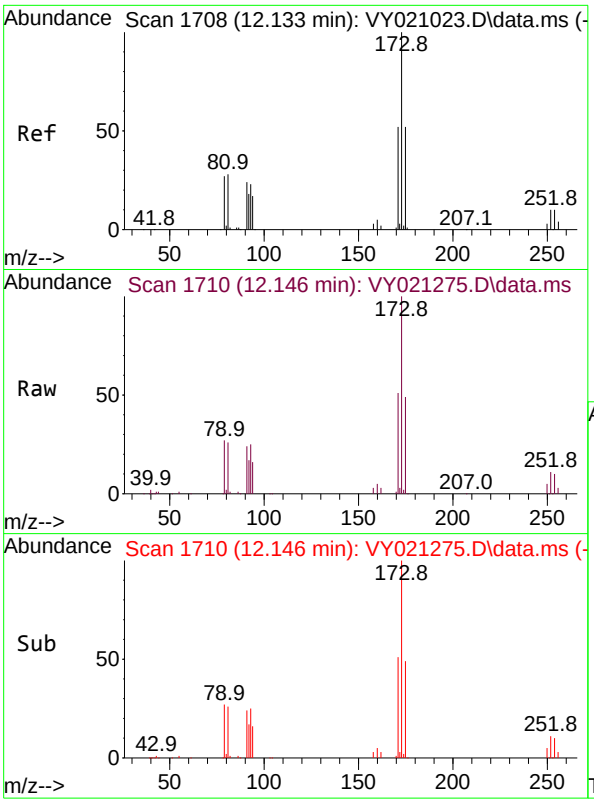


#70
Styrene
Concen: 54.506 ug/l
RT: 11.981 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:104 Resp: 236391

Ion	Ratio	Lower	Upper
104	100		
78	50.6	39.2	58.8
103	54.9	43.8	65.6



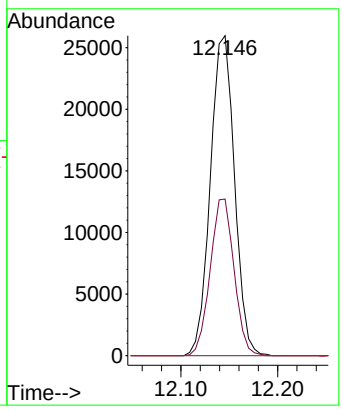


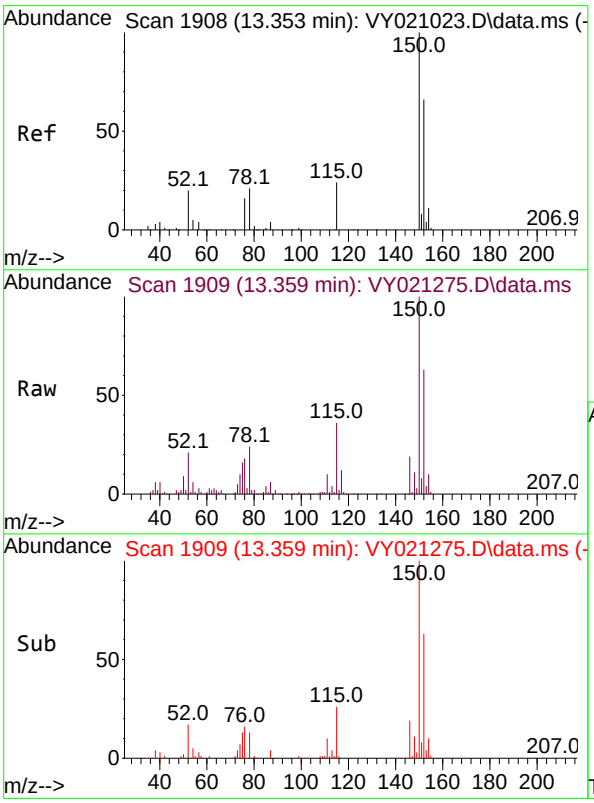
#71
Bromoform
Concen: 54.009 ug/l
RT: 12.146 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 45063

Ion	Ratio	Lower	Upper
173	100		
175	48.2	23.5	70.6
254	0.0	0.0	0.0

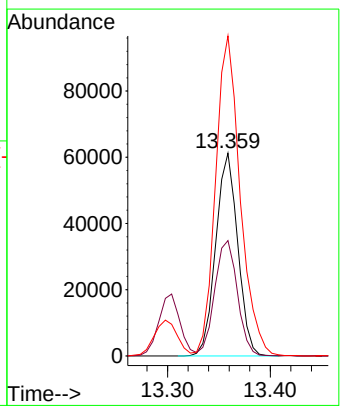


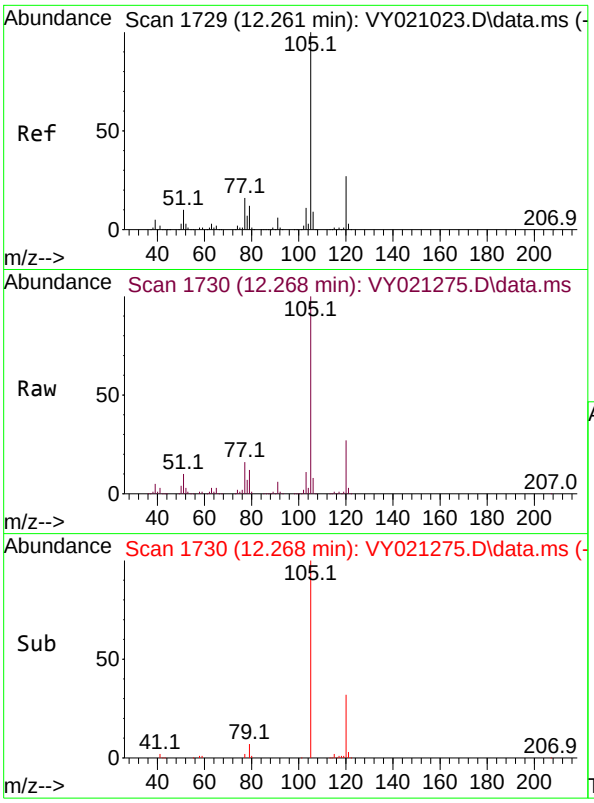


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:152 Resp: 91135

Ion	Ratio	Lower	Upper
152	100		
115	58.6	30.0	90.0
150	176.1	0.0	344.6



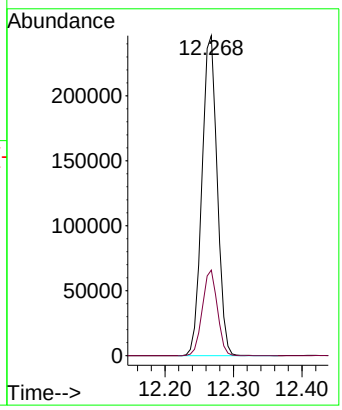


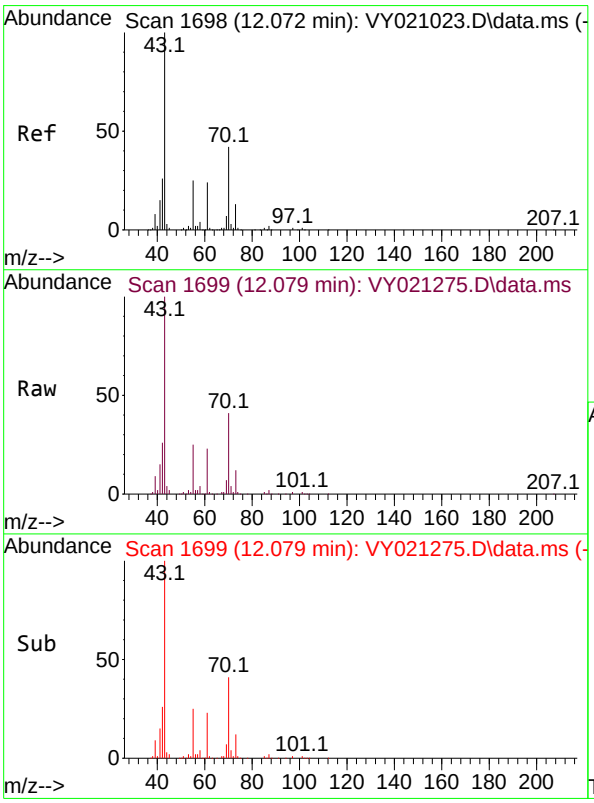
#73
Isopropylbenzene
Concen: 53.138 ug/l
RT: 12.268 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 378285

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.0	39.0

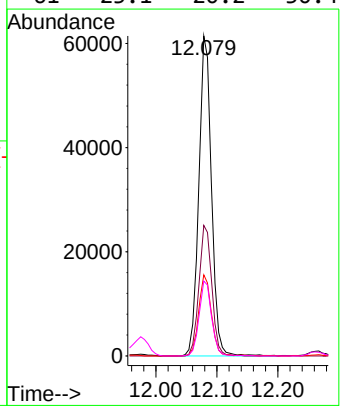


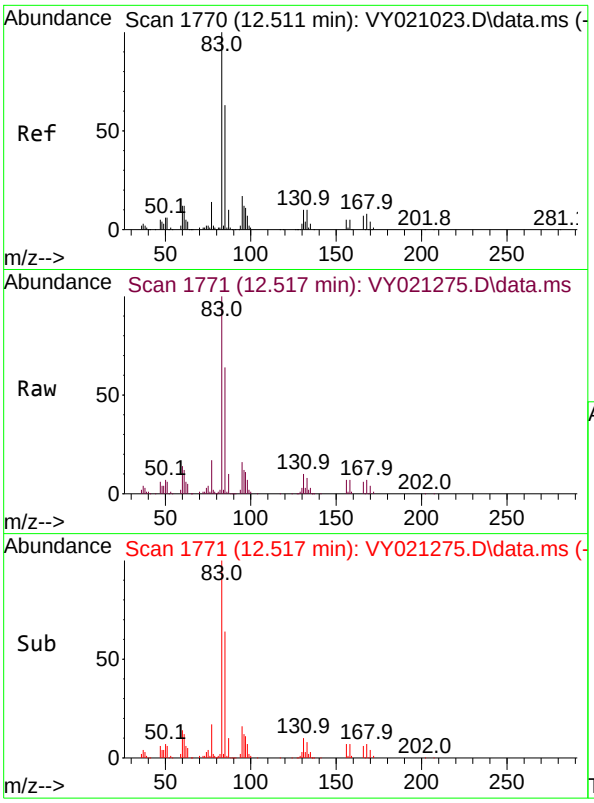


#74
N-amyl acetate
Concen: 56.918 ug/l
RT: 12.079 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 43 Resp: 88587

Ion	Ratio	Lower	Upper
43	100		
70	41.2	36.6	55.0
55	25.2	22.2	33.4
61	23.1	20.2	30.4



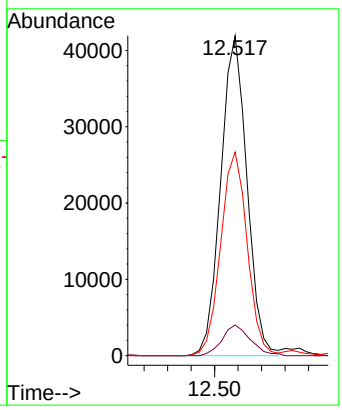


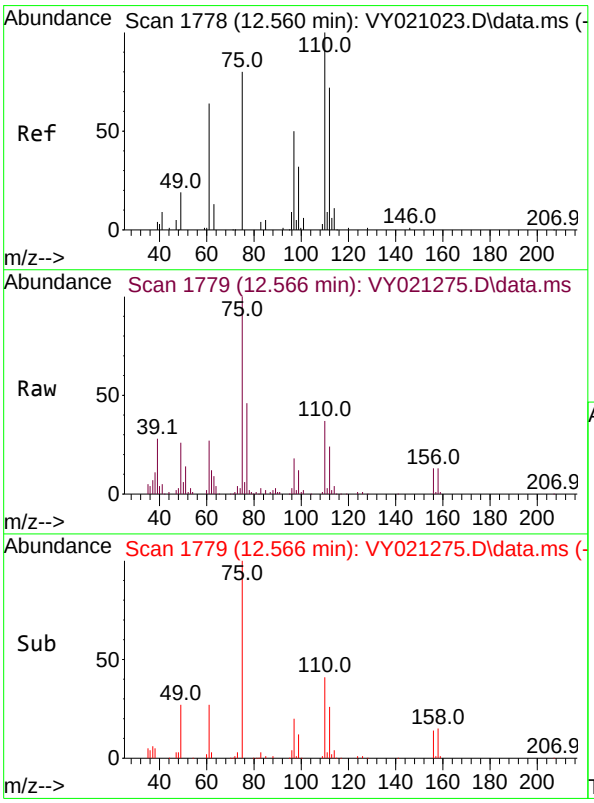
#75
1,1,2,2-Tetrachloroethane
Concen: 54.792 ug/l
RT: 12.517 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 64872

Ion	Ratio	Lower	Upper
83	100		
131	10.3	4.9	14.6
85	64.2	32.6	98.0

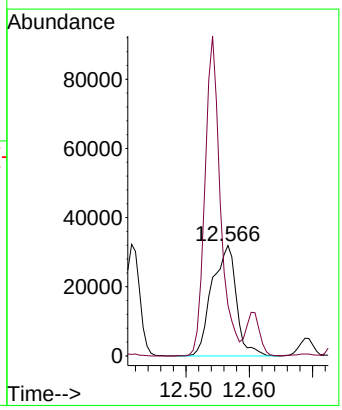


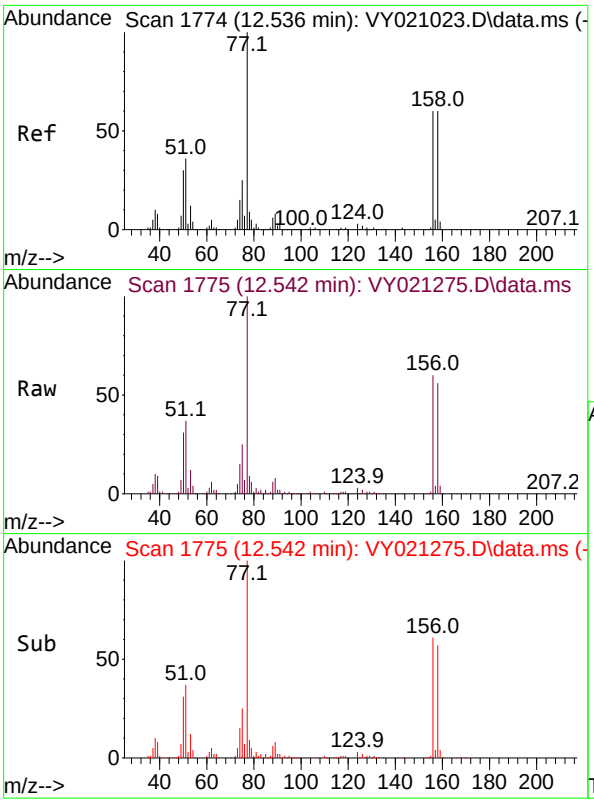


#76
1,2,3-Trichloropropane
Concen: 103.478 ug/l
RT: 12.566 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 75 Resp: 85546

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



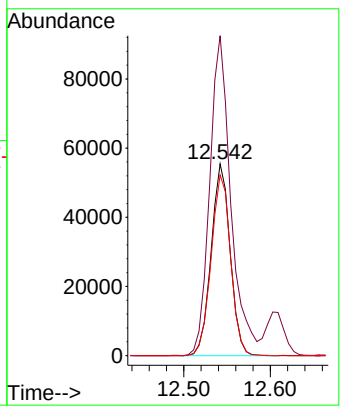


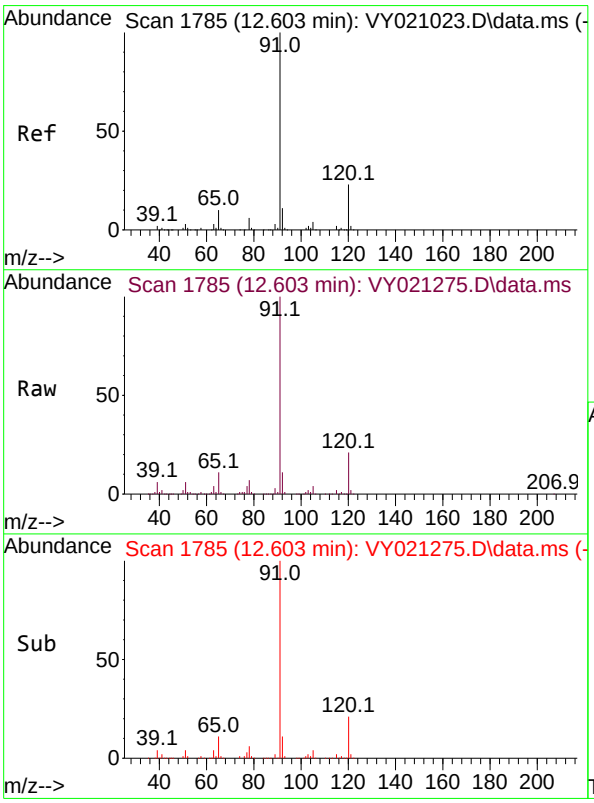
#77
Bromobenzene
Concen: 51.497 ug/l
RT: 12.542 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 84600

Ion	Ratio	Lower	Upper
156	100		
77	185.6	97.3	291.8
158	96.2	48.4	145.0

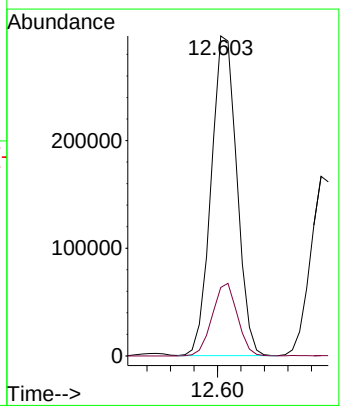


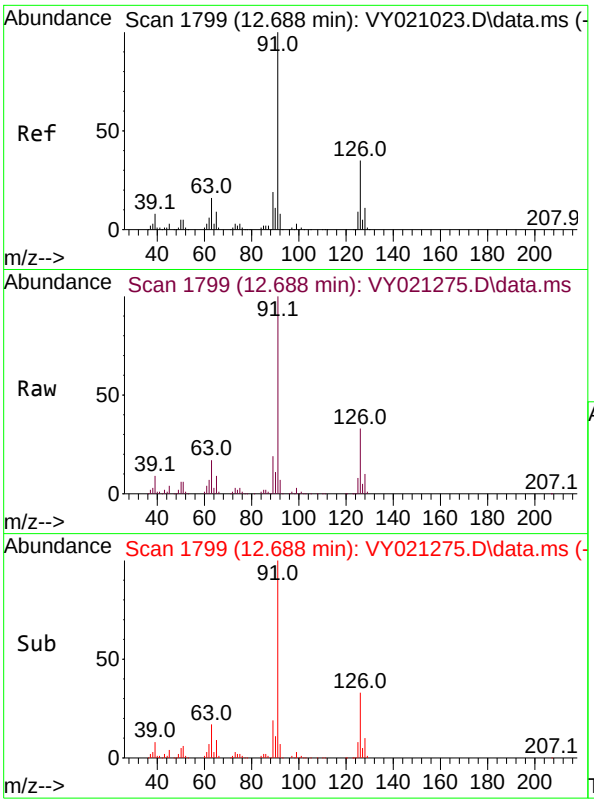


#78
n-propylbenzene
Concen: 53.097 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 91 Resp: 450276

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.0	33.0



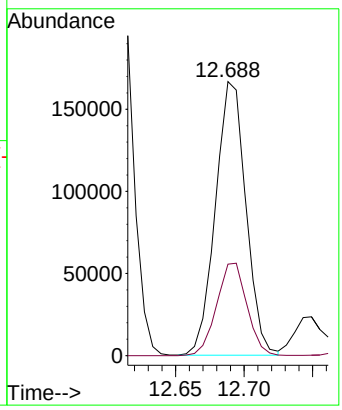


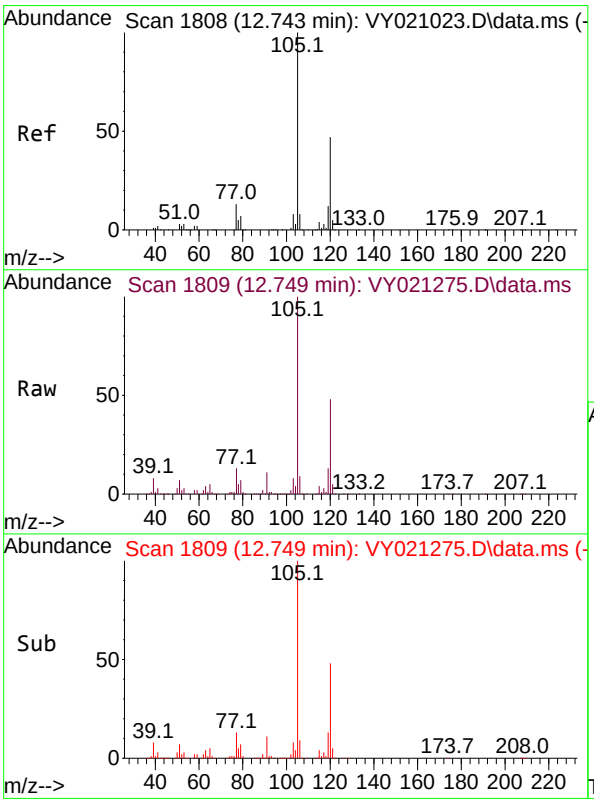
#79
2-Chlorotoluene
Concen: 53.148 ug/l
RT: 12.688 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 258141

Ion	Ratio	Lower	Upper
91	100		
126	33.6	17.0	51.0

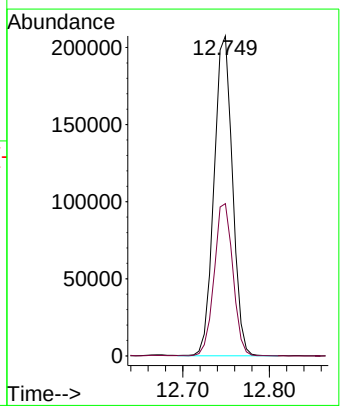


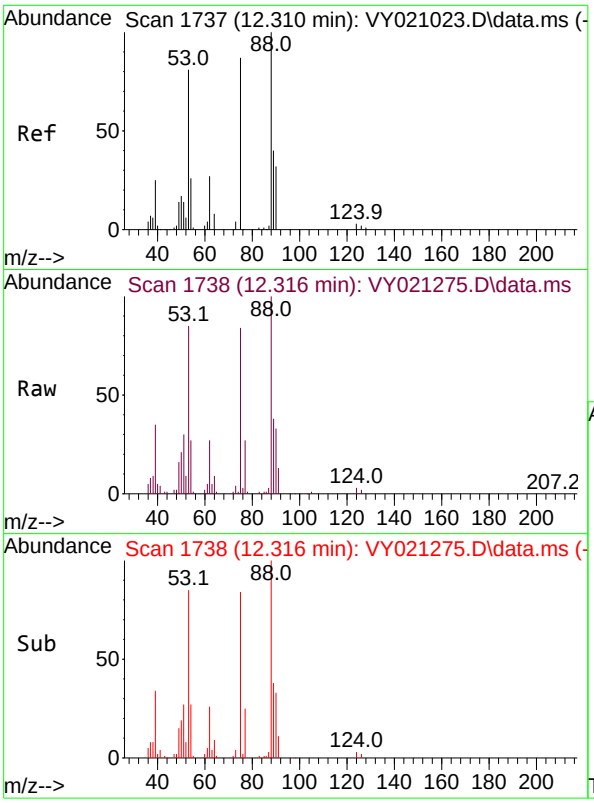


#80
1,3,5-Trimethylbenzene
Concen: 53.225 ug/l
RT: 12.749 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:105 Resp: 307207

Ion	Ratio	Lower	Upper
105	100		
120	48.4	24.3	72.8



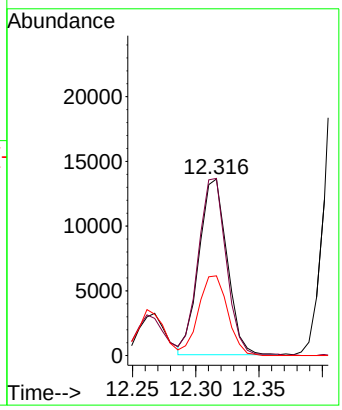


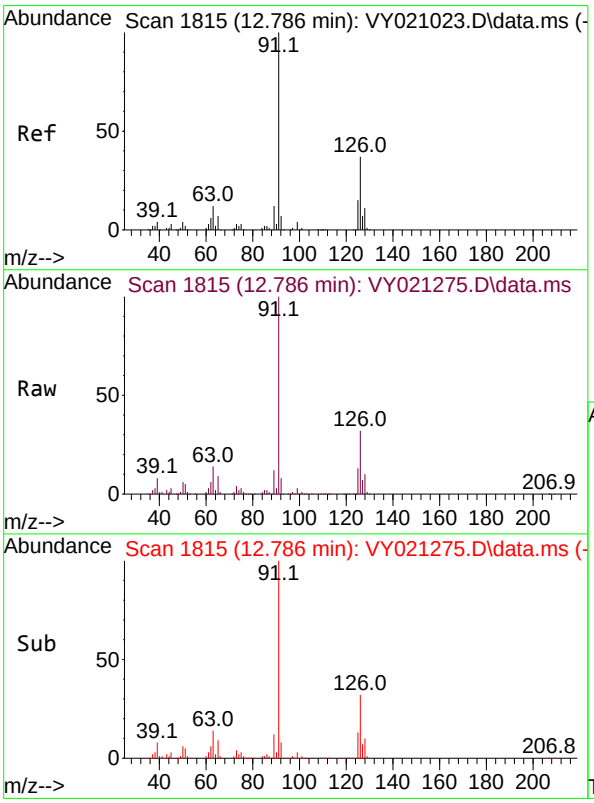
#81
trans-1,4-Dichloro-2-butene
Concen: 51.805 ug/l
RT: 12.316 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 20989

Ion	Ratio	Lower	Upper
75	100		
53	100.8	74.0	111.0
89	47.2	36.5	54.7

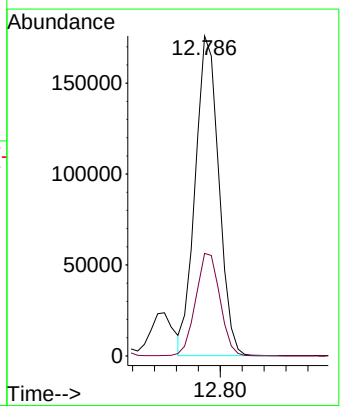


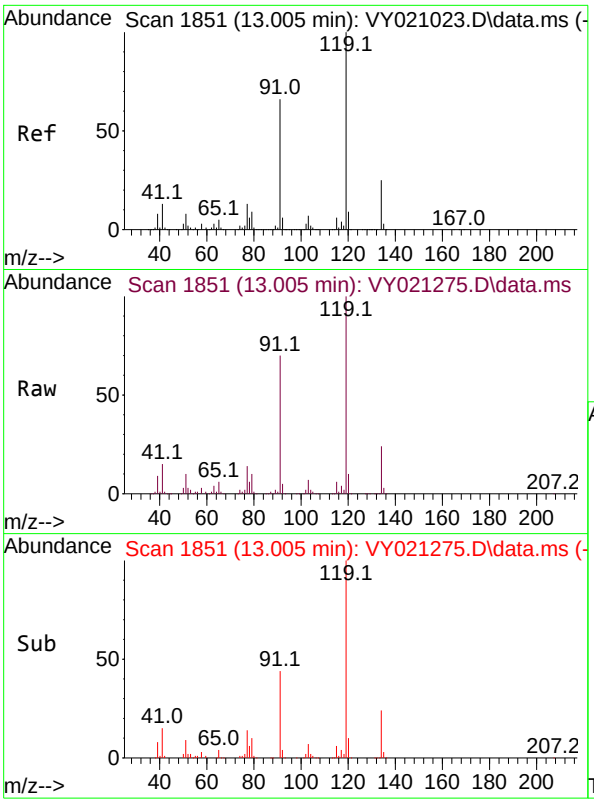


#82
4-Chlorotoluene
Concen: 53.017 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 91 Resp: 262361

Ion	Ratio	Lower	Upper
91	100		
126	33.1	17.1	51.2



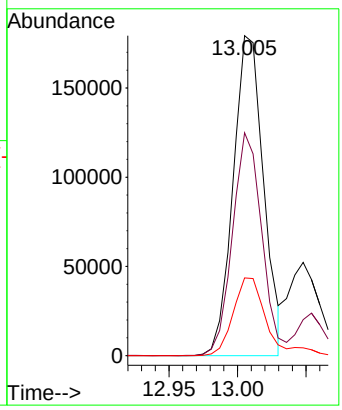


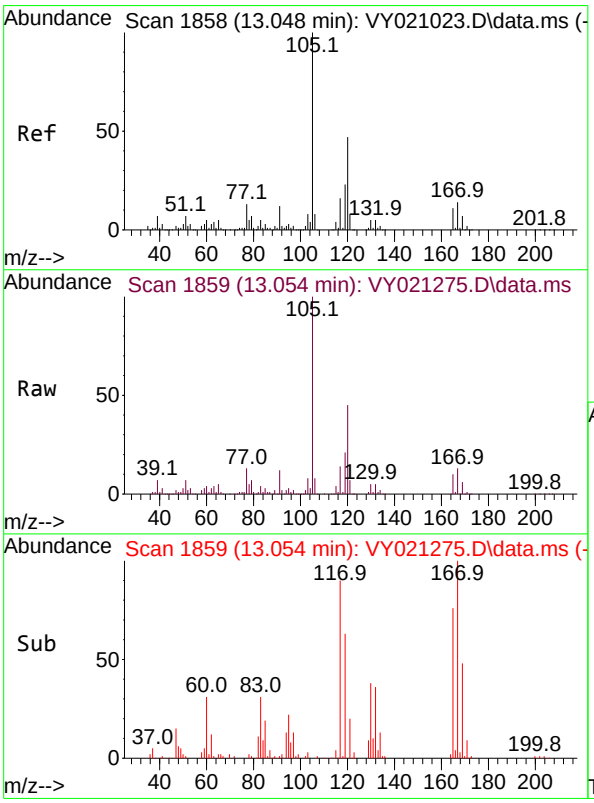
#83
tert-Butylbenzene
Concen: 52.716 ug/l
RT: 13.005 min Scan# 18
Delta R.T. 0.000 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 276564

Ion	Ratio	Lower	Upper
119	100		
91	67.5	31.5	94.5
134	26.8	13.1	39.3

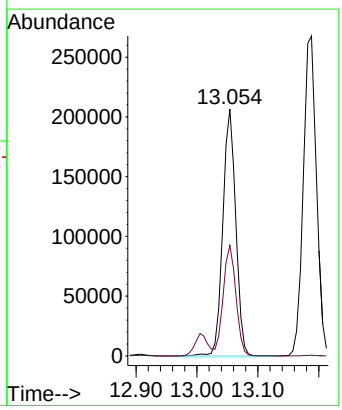


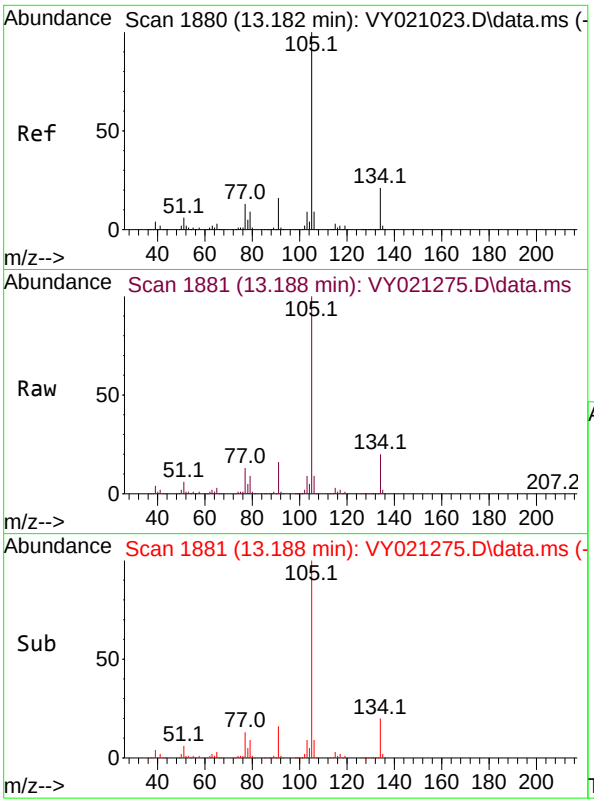


#84
1,2,4-Trimethylbenzene
Concen: 53.838 ug/l
RT: 13.054 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:105 Resp: 303836

Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.1	66.3



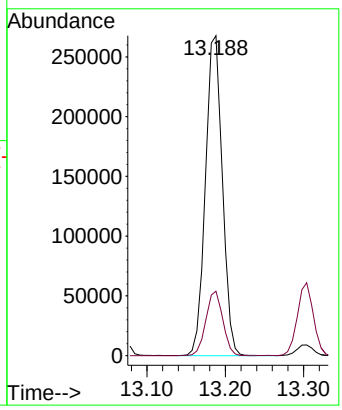


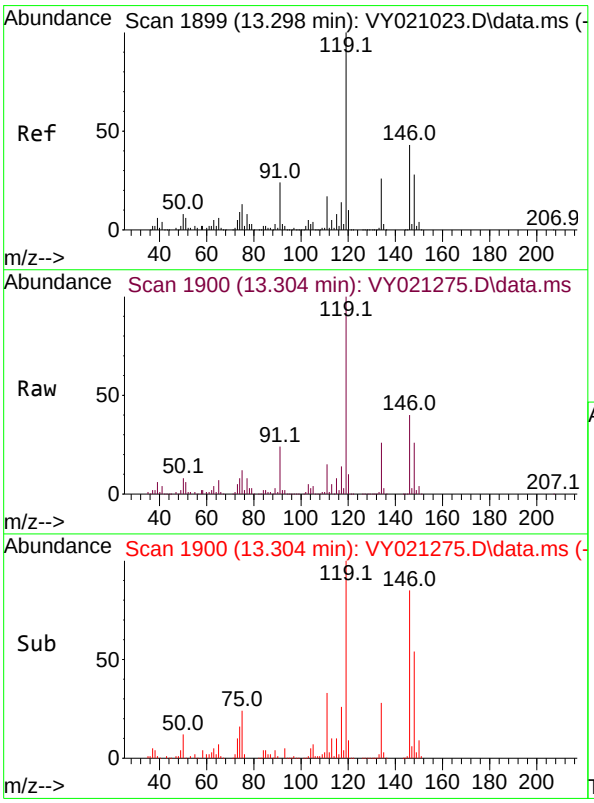
#85
sec-Butylbenzene
Concen: 53.349 ug/l
RT: 13.188 min Scan# 18
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 402885

Ion	Ratio	Lower	Upper
105	100		
134	20.1	9.7	28.9

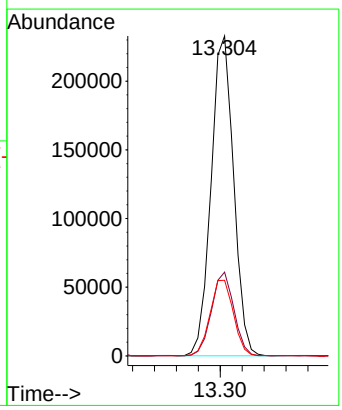


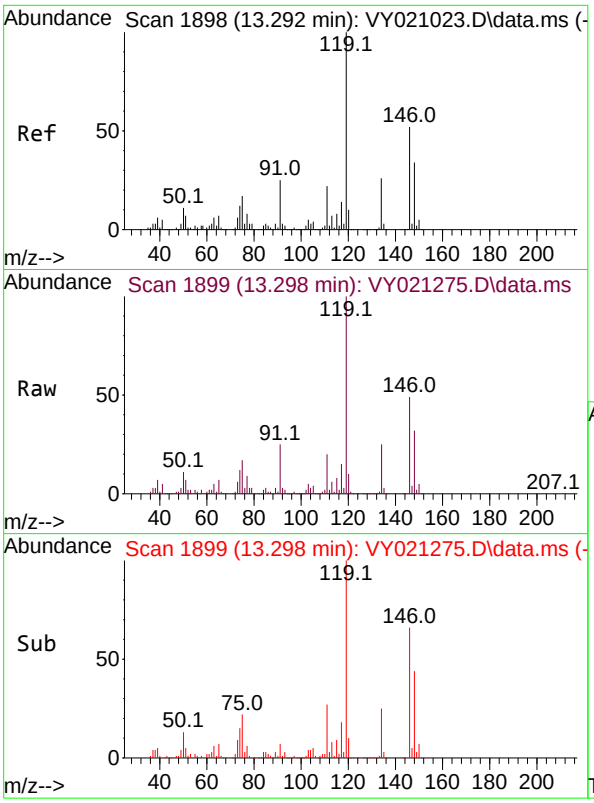


#86
p-Isopropyltoluene
Concen: 53.046 ug/l
RT: 13.304 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:119 Resp: 332768

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.1
91	24.5	11.7	35.0



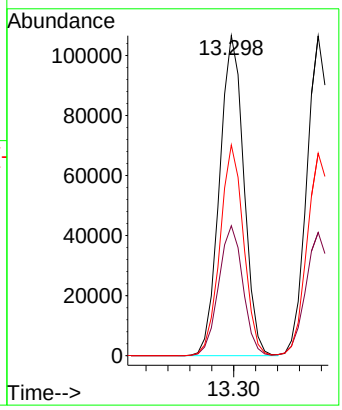


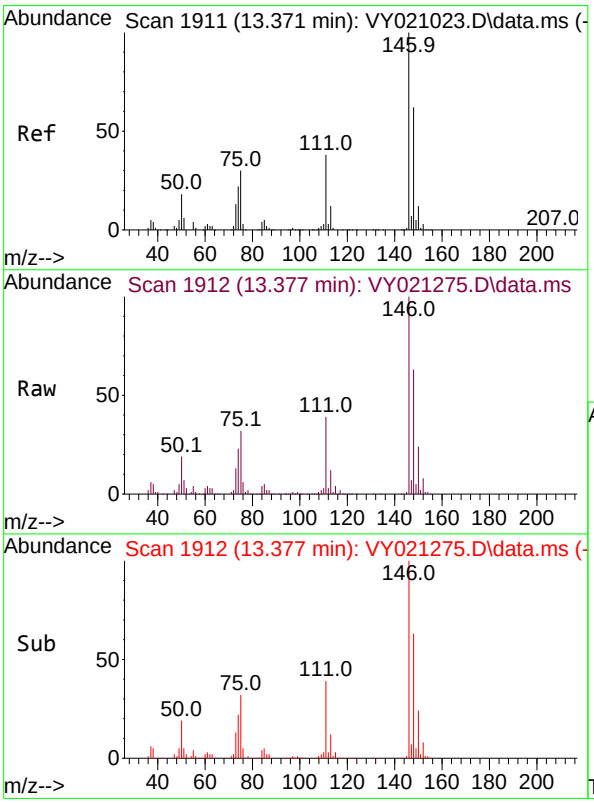
#87
1,3-Dichlorobenzene
Concen: 51.747 ug/l
RT: 13.298 min Scan# 18
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 164144

Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.2	60.5
148	63.9	31.9	95.9

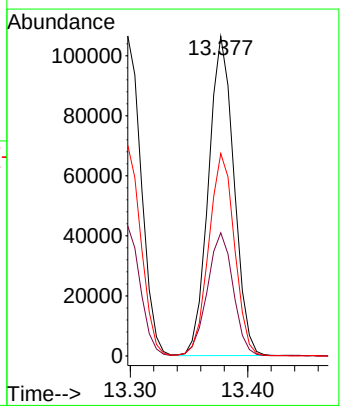


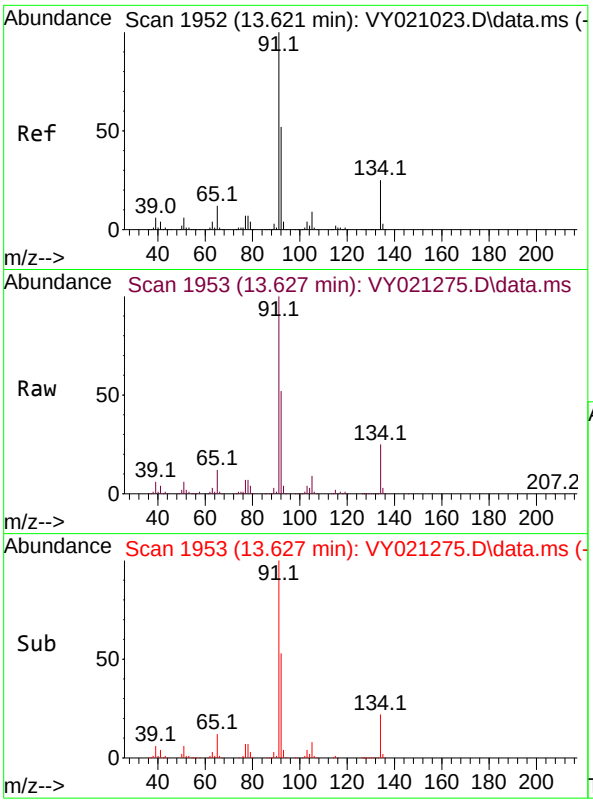


#88
1,4-Dichlorobenzene
Concen: 51.275 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:146 Resp: 160145

Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.3	57.9
148	64.0	31.6	94.7



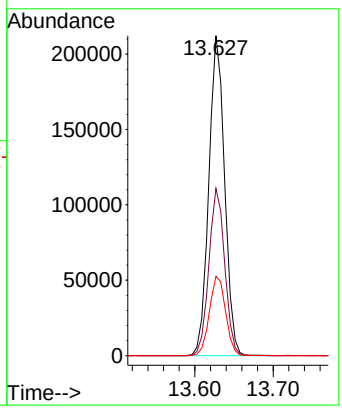


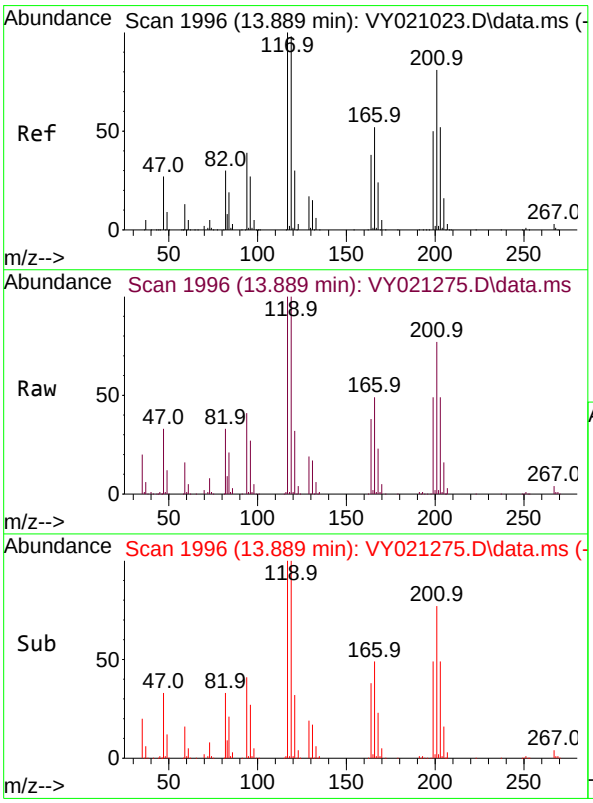
#89
n-Butylbenzene
Concen: 51.951 ug/l
RT: 13.627 min Scan# 19
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 297313

Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.4	79.2
134	25.4	12.3	36.8

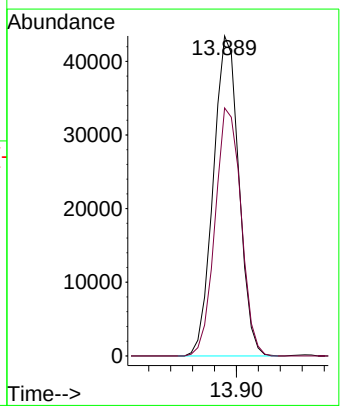


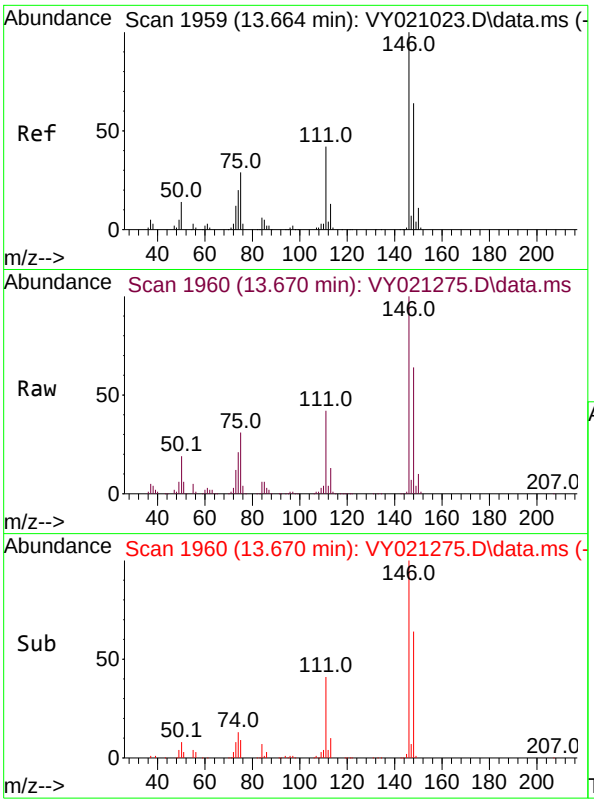


#90
Hexachloroethane
Concen: 53.783 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:117 Resp: 70386

Ion	Ratio	Lower	Upper
117	100		
201	78.6	33.4	100.1



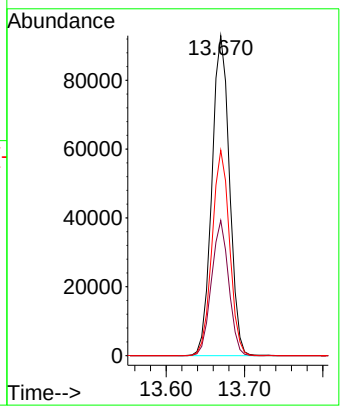


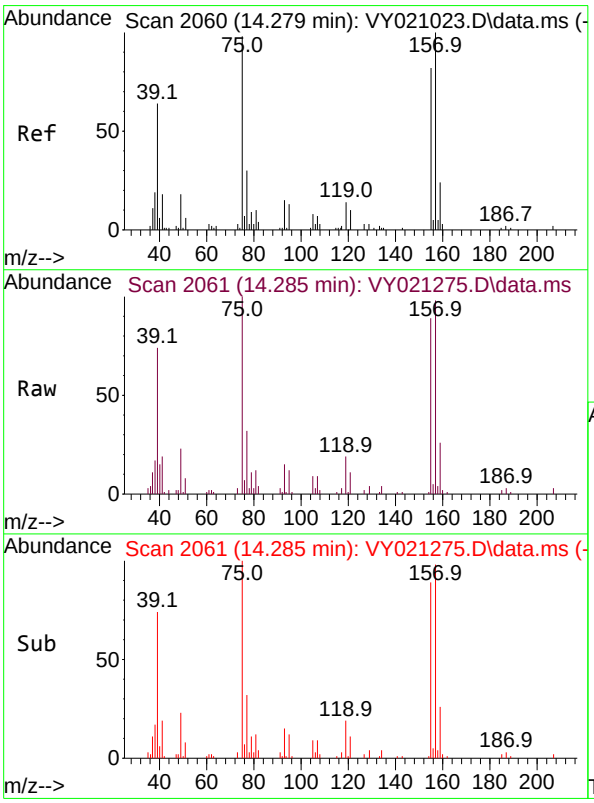
#91
1,2-Dichlorobenzene
Concen: 52.591 ug/l
RT: 13.670 min Scan# 19
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 144792

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.5	61.6
148	63.8	31.4	94.3

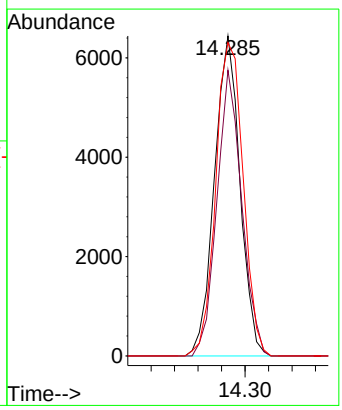


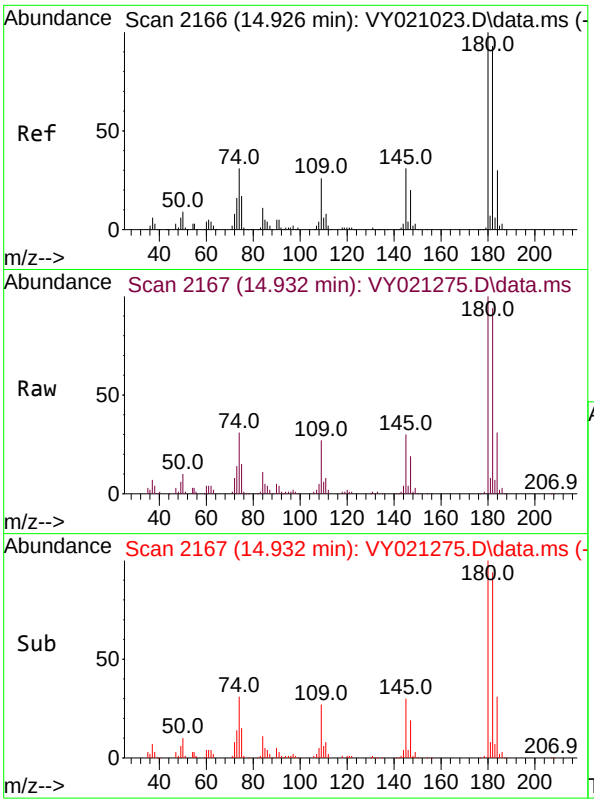


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.910 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion: 75 Resp: 9715

Ion	Ratio	Lower	Upper
75	100		
155	86.7	42.1	126.3
157	105.4	55.8	167.4



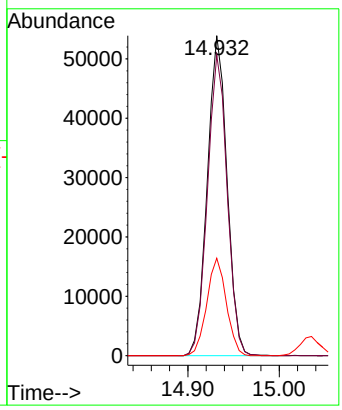


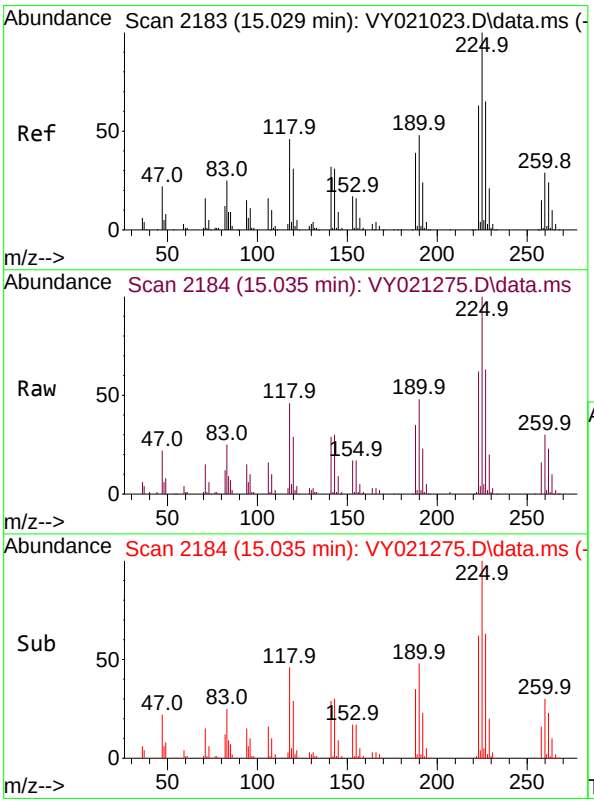
#93
1,2,4-Trichlorobenzene
Concen: 52.803 ug/l
RT: 14.932 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 80920

Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.9	143.7
145	30.1	15.9	47.7

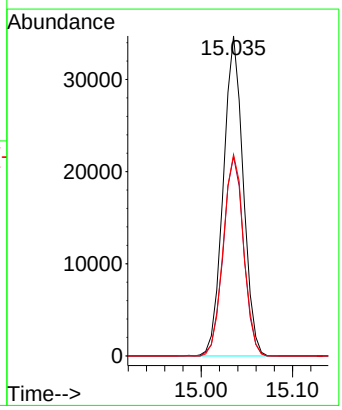


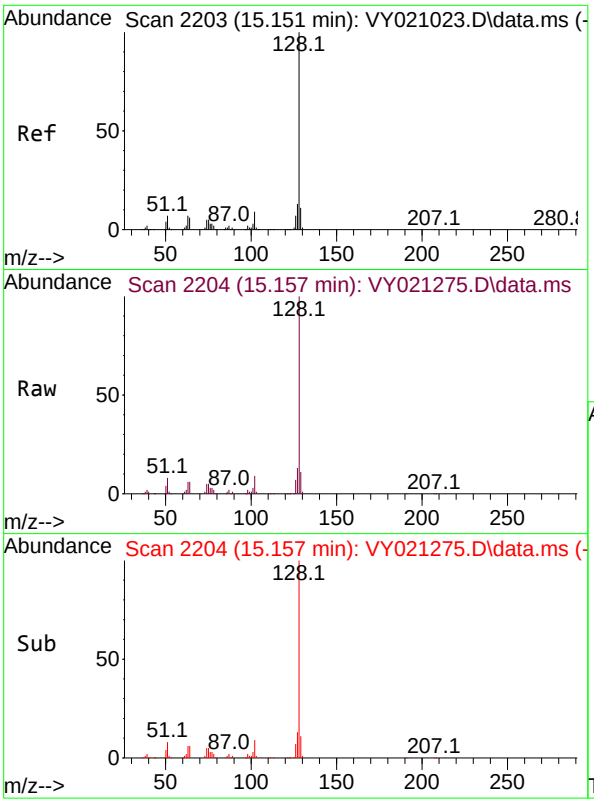


#94
Hexachlorobutadiene
Concen: 51.589 ug/l
RT: 15.035 min Scan# 2184
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:225 Resp: 52391

Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.4	94.3
227	64.5	32.3	96.8



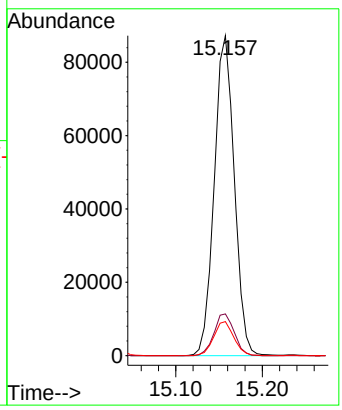


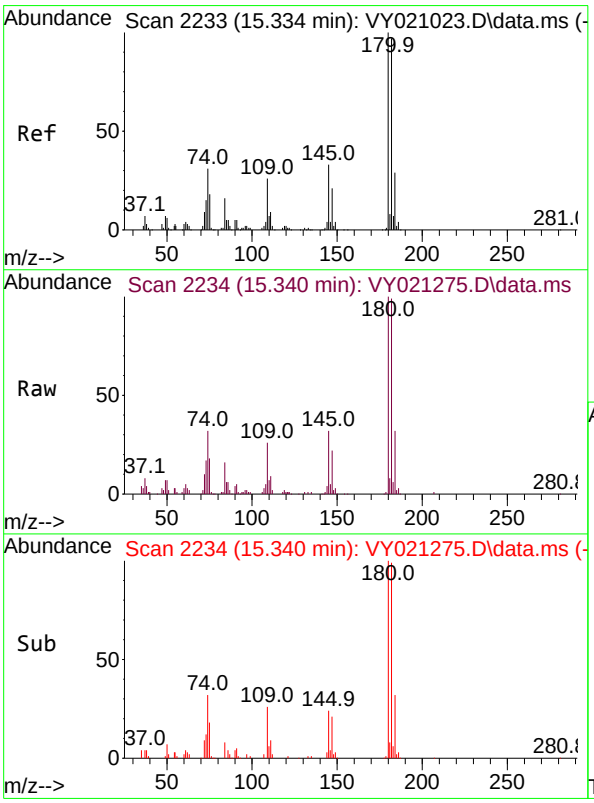
#95
Naphthalene
Concen: 57.318 ug/l
RT: 15.157 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 140532

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	10.7	8.6	12.8

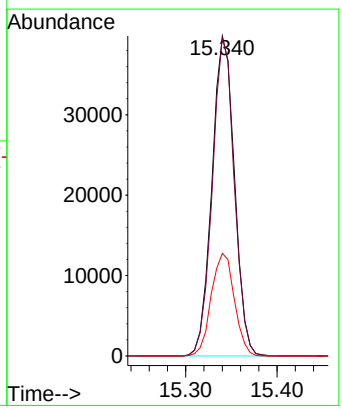




#96
1,2,3-Trichlorobenzene
Concen: 53.269 ug/l
RT: 15.340 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY021275.D
Acq: 21 Feb 2025 09:37

Tgt Ion:180 Resp: 67936

Ion	Ratio	Lower	Upper
180	100		
182	96.9	46.3	138.8
145	32.9	16.1	48.2



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021277.D
Acq On : 21 Feb 2025 11:43
Operator : SY/MD
Sample : VY0221SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Quant Time: Feb 21 23:05:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.719	168	142077	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.622	114	225088	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.426	117	194706	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.358	152	99790	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.073	65	71680	49.241	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.480%				
35) Dibromofluoromethane	7.646	113	67848	47.035	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.060%				
50) Toluene-d8	10.115	98	254568	46.355	ug/l		0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 92.700%				
62) 4-Bromofluorobenzene	12.414	95	87361	48.693	ug/l		0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.380%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.873	85	34744	27.437	ug/l		97
3) Chloromethane	2.074	50	36895	29.526	ug/l		97
4) Vinyl Chloride	2.214	62	35436	28.175	ug/l		96
5) Bromomethane	2.604	94	19911	25.614	ug/l		98
6) Chloroethane	2.745	64	20895	27.909	ug/l		96
7) Trichlorofluoromethane	3.068	101	54515	23.792	ug/l		100
8) Diethyl Ether	3.470	74	16457	23.007	ug/l		88
9) 1,1,2-Trichlorotrifluo...	3.830	101	32739	22.766	ug/l		95
10) Methyl Iodide	4.019	142	33721	21.106	ug/l		93
11) Tert butyl alcohol	4.909	59	11124	112.767	ug/l	#	75
12) 1,1-Dichloroethene	3.799	96	30615	22.599	ug/l		86
13) Acrolein	3.665	56	12791	84.205	ug/l		96
14) Allyl chloride	4.397	41	53151	23.280	ug/l		94
15) Acrylonitrile	5.086	53	35896	120.510	ug/l		99
16) Acetone	3.897	43	26461	116.562	ug/l		97
17) Carbon Disulfide	4.122	76	100186	23.585	ug/l		99
18) Methyl Acetate	4.409	43	18736	23.511	ug/l		97
19) Methyl tert-butyl Ether	5.134	73	76143	22.238	ug/l		100
20) Methylene Chloride	4.634	84	35107	24.877	ug/l		89
21) trans-1,2-Dichloroethene	5.134	96	33759	22.639	ug/l		90
22) Diisopropyl ether	6.037	45	111301	23.651	ug/l		97
23) Vinyl Acetate	5.976	43	319737	121.879	ug/l		97
24) 1,1-Dichloroethane	5.927	63	62579	22.697	ug/l		99
25) 2-Butanone	6.908	43	45145	121.018	ug/l		96
26) 2,2-Dichloropropane	6.902	77	56177	22.020	ug/l		97
27) cis-1,2-Dichloroethene	6.902	96	38161	22.234	ug/l		92
28) Bromochloromethane	7.256	49	23922	21.942	ug/l		91
29) Tetrahydrofuran	7.280	42	30834	122.151	ug/l		92
30) Chloroform	7.433	83	63933	22.575	ug/l		99
31) Cyclohexane	7.713	56	56614	22.802	ug/l		95
32) 1,1,1-Trichloroethane	7.628	97	60049	22.806	ug/l		98
36) 1,1-Dichloropropene	7.847	75	47738	22.343	ug/l		99
37) Ethyl Acetate	7.006	43	22324	23.817	ug/l		99
38) Carbon Tetrachloride	7.829	117	53797	21.549	ug/l		96
39) Methylcyclohexane	9.115	83	57935	22.168	ug/l		96
40) Benzene	8.091	78	139916	22.315	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021277.D
Acq On : 21 Feb 2025 11:43
Operator : SY/MD
Sample : VY0221SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Quant Time: Feb 21 23:05:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.232	41	11894	21.934 ug/l		96
42) 1,2-Dichloroethane	8.170	62	39732	22.843 ug/l		96
43) Isopropyl Acetate	8.213	43	43155	23.171 ug/l	#	84
44) Trichloroethene	8.871	130	34619	21.370 ug/l		90
45) 1,2-Dichloropropane	9.152	63	33754	22.681 ug/l		100
46) Dibromomethane	9.237	93	18420	22.354 ug/l		97
47) Bromodichloromethane	9.432	83	47920	21.684 ug/l		96
48) Methyl methacrylate	9.231	41	19365	22.826 ug/l		93
49) 1,4-Dioxane	9.249	88	3454	450.275 ug/l		98
51) 4-Methyl-2-Pentanone	10.005	43	111716	119.282 ug/l		95
52) Toluene	10.176	92	86849	22.059 ug/l		100
53) t-1,3-Dichloropropene	10.402	75	43528	21.936 ug/l		100
54) cis-1,3-Dichloropropene	9.865	75	50785	21.615 ug/l	#	90
55) 1,1,2-Trichloroethane	10.579	97	23291	21.828 ug/l		99
56) Ethyl methacrylate	10.450	69	31208	21.863 ug/l	#	86
57) 1,3-Dichloropropane	10.725	76	41091	22.249 ug/l		99
58) 2-Chloroethyl Vinyl ether	9.719	63	66439	97.833 ug/l		99
59) 2-Hexanone	10.767	43	71893	119.221 ug/l		93
60) Dibromochloromethane	10.920	129	31988	21.347 ug/l		97
61) 1,2-Dibromoethane	11.024	107	22061	22.073 ug/l		98
64) Tetrachloroethene	10.658	164	30712	21.248 ug/l		94
65) Chlorobenzene	11.450	112	91911	21.200 ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.523	131	32642	21.186 ug/l		97
67) Ethyl Benzene	11.530	91	164390	21.438 ug/l		100
68) m/p-Xylenes	11.639	106	123398	43.015 ug/l		97
69) o-Xylene	11.962	106	56634	21.175 ug/l		97
70) Styrene	11.975	104	96585	21.667 ug/l		98
71) Bromoform	12.139	173	18840	21.969 ug/l	#	100
73) Isopropylbenzene	12.261	105	155520	19.951 ug/l		100
74) N-amyl acetate	12.078	43	36176	21.227 ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.511	83	27554	21.254 ug/l		98
76) 1,2,3-Trichloropropane	12.566	75	35524	39.244 ug/l	#	100
77) Bromobenzene	12.542	156	35353	19.653 ug/l		96
78) n-propylbenzene	12.603	91	190748	20.542 ug/l		100
79) 2-Chlorotoluene	12.688	91	107600	20.232 ug/l		100
80) 1,3,5-Trimethylbenzene	12.743	105	128095	20.268 ug/l		100
81) trans-1,4-Dichloro-2-b...	12.310	75	9050	20.400 ug/l		96
82) 4-Chlorotoluene	12.785	91	109802	20.264 ug/l		99
83) tert-Butylbenzene	13.005	119	112082	19.511 ug/l		96
84) 1,2,4-Trimethylbenzene	13.054	105	126991	20.551 ug/l		100
85) sec-Butylbenzene	13.182	105	167172	20.216 ug/l		98
86) p-Isopropyltoluene	13.298	119	137051	19.952 ug/l		98
87) 1,3-Dichlorobenzene	13.298	146	70365	20.259 ug/l		99
88) 1,4-Dichlorobenzene	13.377	146	69289	20.261 ug/l		97
89) n-Butylbenzene	13.627	91	127507	20.348 ug/l		99
90) Hexachloroethane	13.889	117	28118	19.622 ug/l		88
91) 1,2-Dichlorobenzene	13.669	146	62345	20.681 ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.285	75	4277	22.077 ug/l		92
93) 1,2,4-Trichlorobenzene	14.931	180	33174	19.770 ug/l		99
94) Hexachlorobutadiene	15.035	225	21668	19.486 ug/l		98
95) Naphthalene	15.151	128	55046	20.504 ug/l		100
96) 1,2,3-Trichlorobenzene	15.340	180	28910	20.702 ug/l		100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021277.D
Acq On : 21 Feb 2025 11:43
Operator : SY/MD
Sample : VY0221SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Quant Time: Feb 21 23:05:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

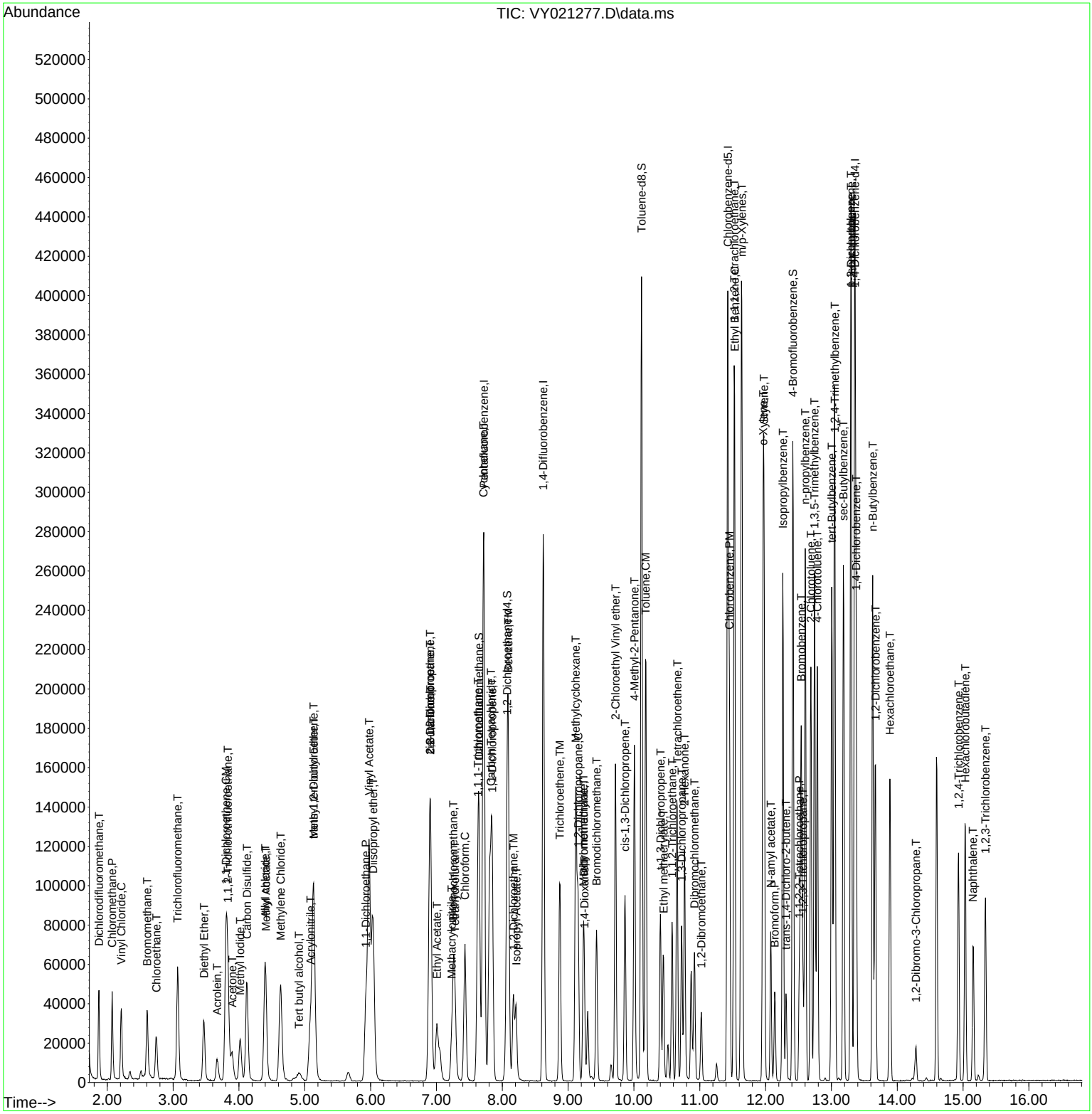
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

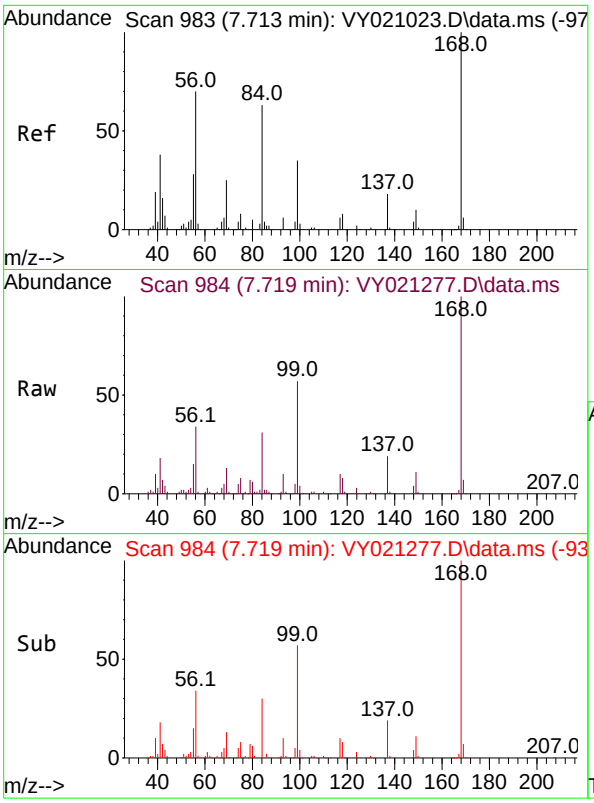
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021277.D
Acq On : 21 Feb 2025 11:43
Operator : SY/MD
Sample : VY0221SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Quant Time: Feb 21 23:05:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration



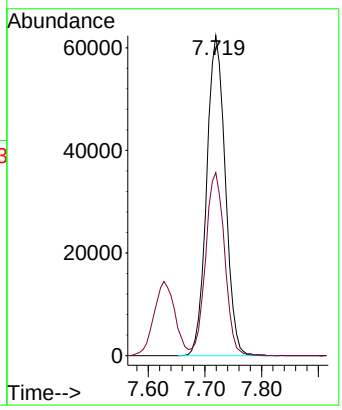


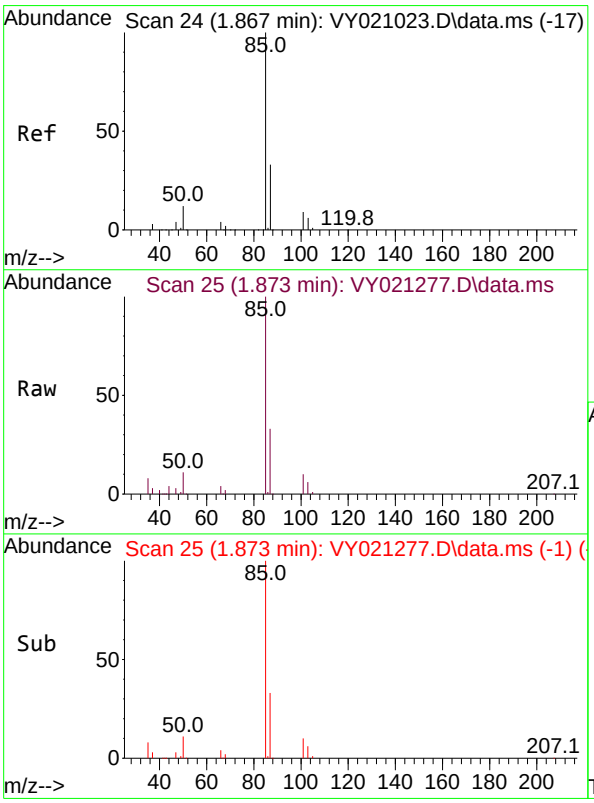
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion:168 Resp: 142077

Ion	Ratio	Lower	Upper
168	100		
99	57.2	44.2	66.4

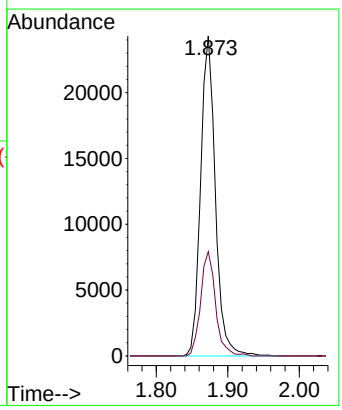


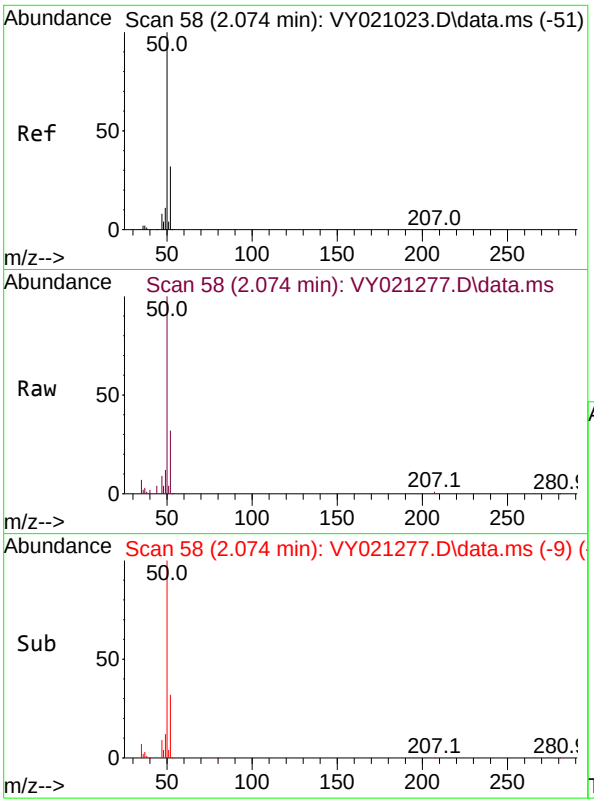


#2
Dichlorodifluoromethane
Concen: 27.437 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 85 Resp: 34744

Ion	Ratio	Lower	Upper
85	100		
87	32.6	17.1	51.3



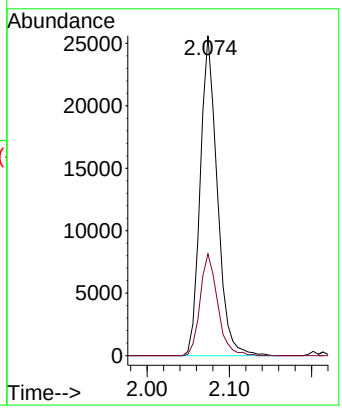


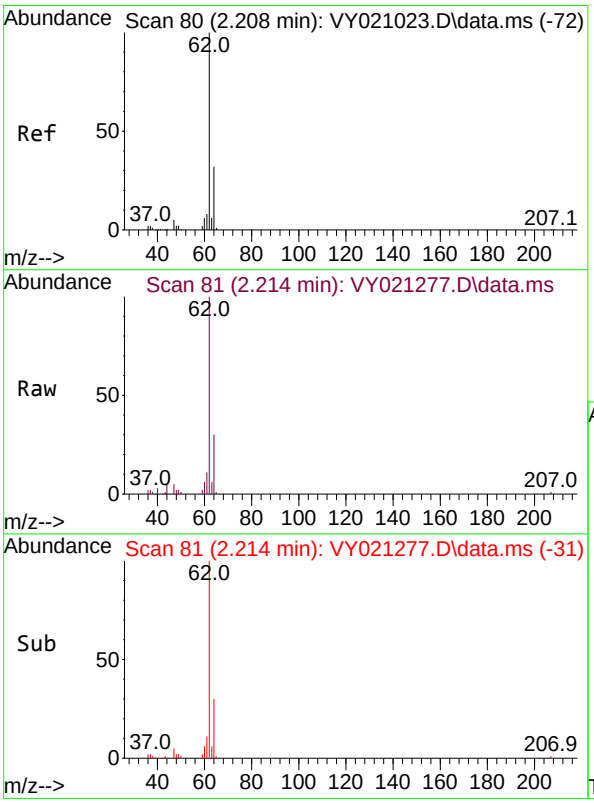
#3
Chloromethane
Concen: 29.526 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion: 50 Resp: 36895

Ion	Ratio	Lower	Upper
50	100		
52	31.8	26.7	40.1

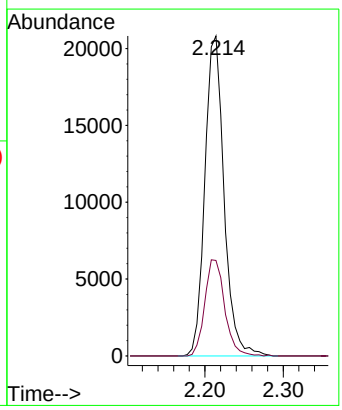


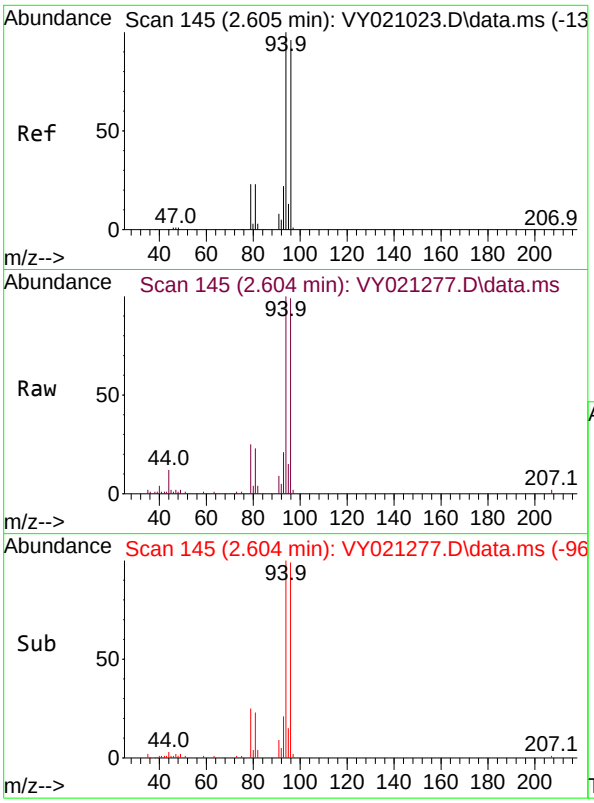


#4
Vinyl Chloride
Concen: 28.175 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 62 Resp: 35436

Ion	Ratio	Lower	Upper
62	100		
64	29.8	25.7	38.5



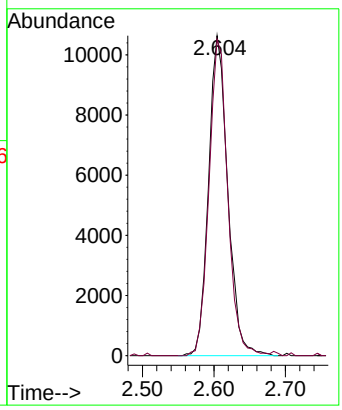


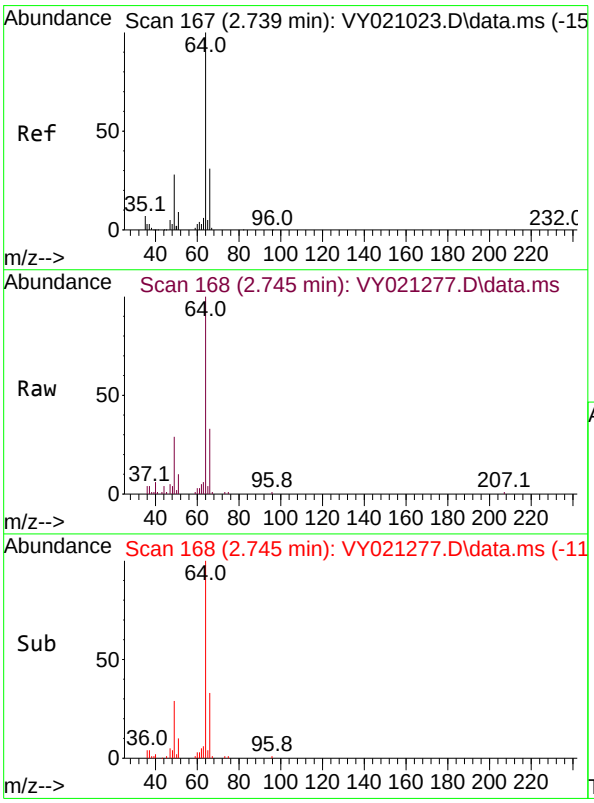
#5
Bromomethane
Concen: 25.614 ug/l
RT: 2.604 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion: 94 Resp: 19911

Ion	Ratio	Lower	Upper
94	100		
96	98.8	77.3	115.9

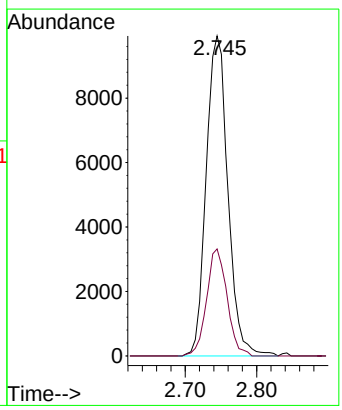


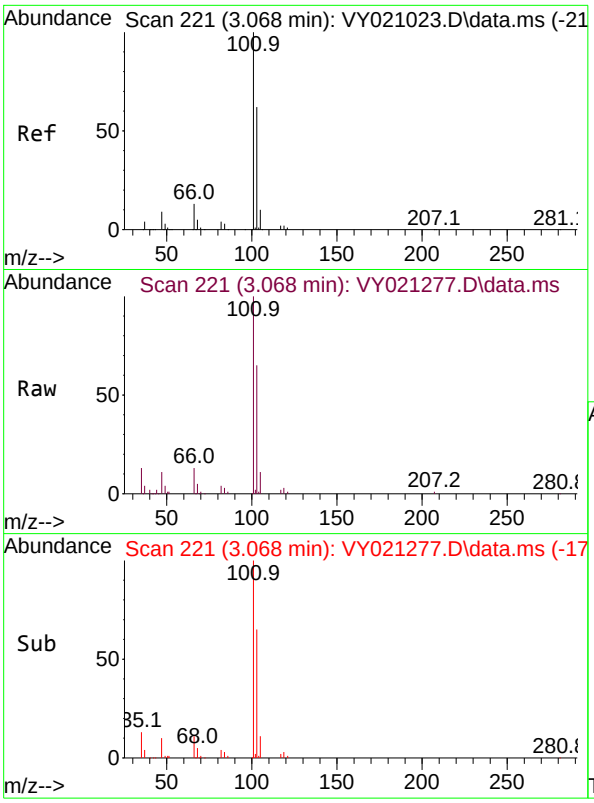


#6
Chloroethane
Concen: 27.909 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 64 Resp: 20895

Ion	Ratio	Lower	Upper
64	100		
66	33.4	25.1	37.7



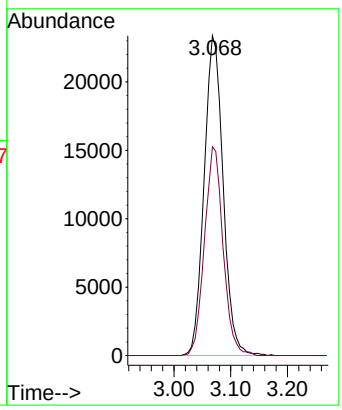


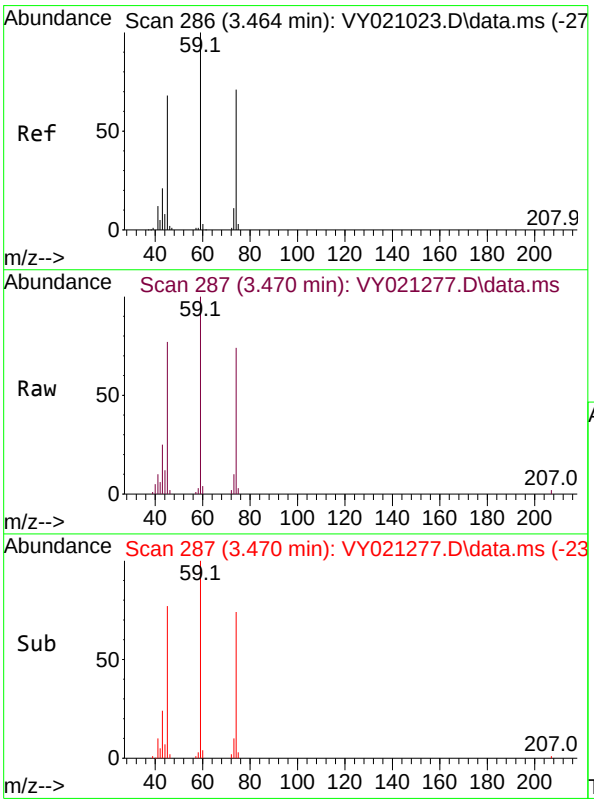
#7
Trichlorofluoromethane
Concen: 23.792 ug/l
RT: 3.068 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion:101 Resp: 54515

Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.9	77.9

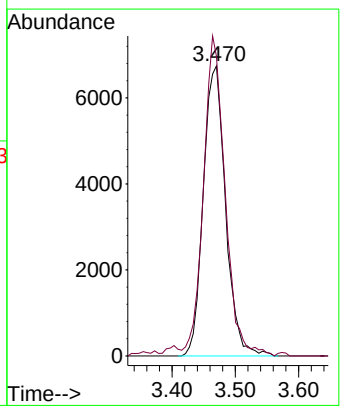


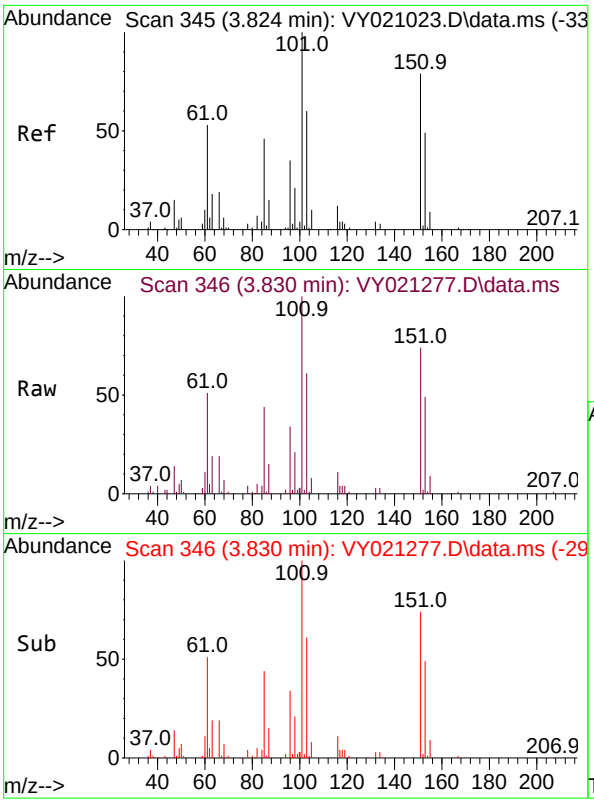


#8
Diethyl Ether
Concen: 23.007 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 74 Resp: 16457

Ion	Ratio	Lower	Upper
74	100		
45	107.1	47.9	143.7



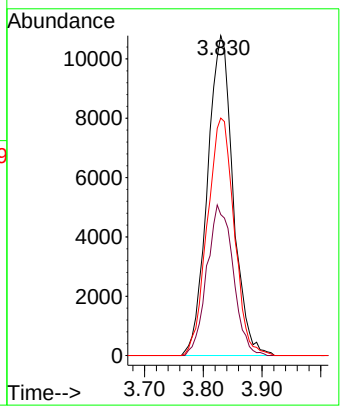


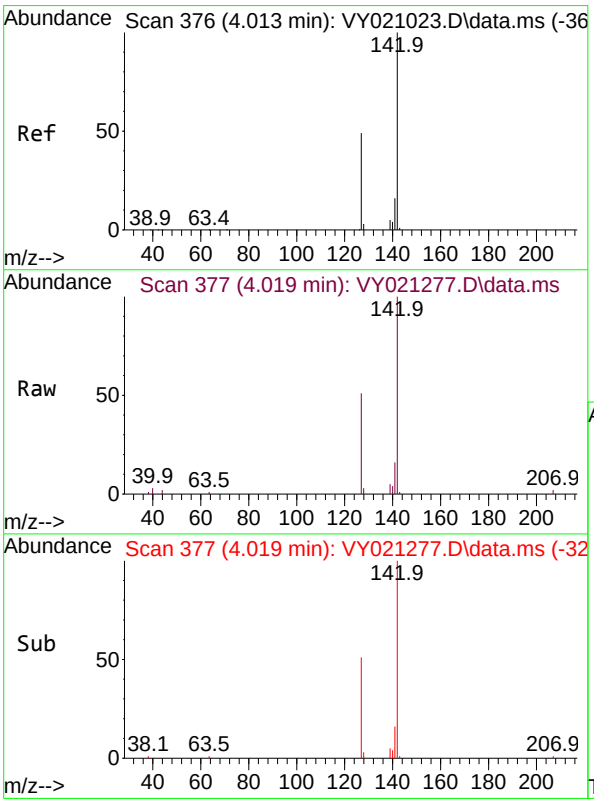
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.766 ug/l
RT: 3.830 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion:101 Resp: 32739

Ion	Ratio	Lower	Upper
101	100		
85	48.0	35.8	53.6
151	77.6	58.6	88.0

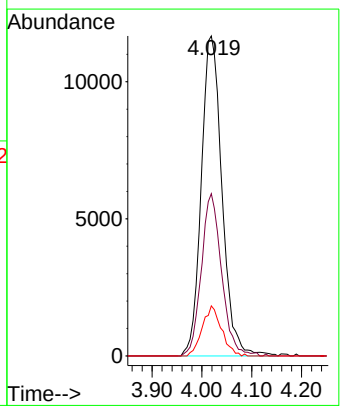


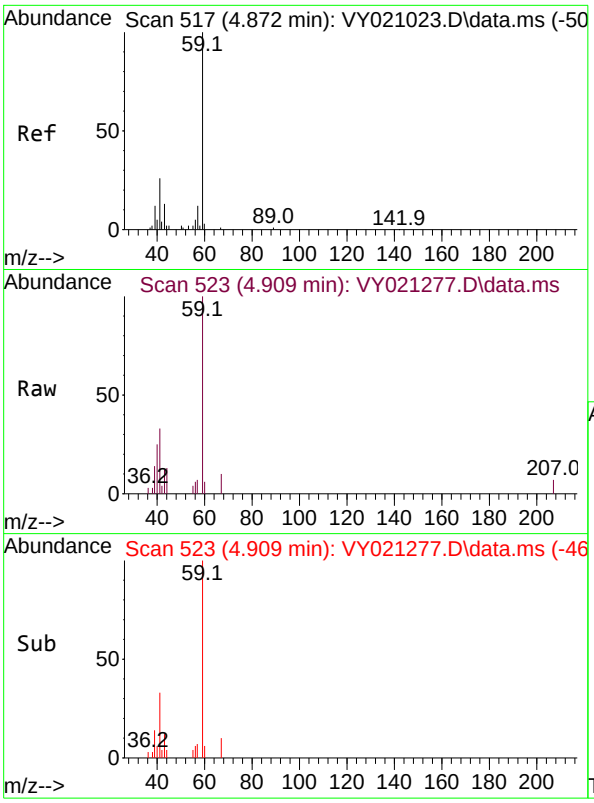


#10
Methyl Iodide
Concen: 21.106 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:142 Resp: 33721

Ion	Ratio	Lower	Upper
142	100		
127	49.5	35.1	52.7
141	14.5	11.8	17.6



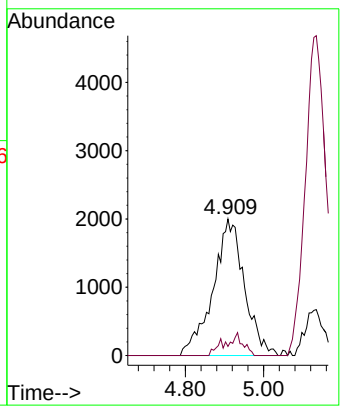


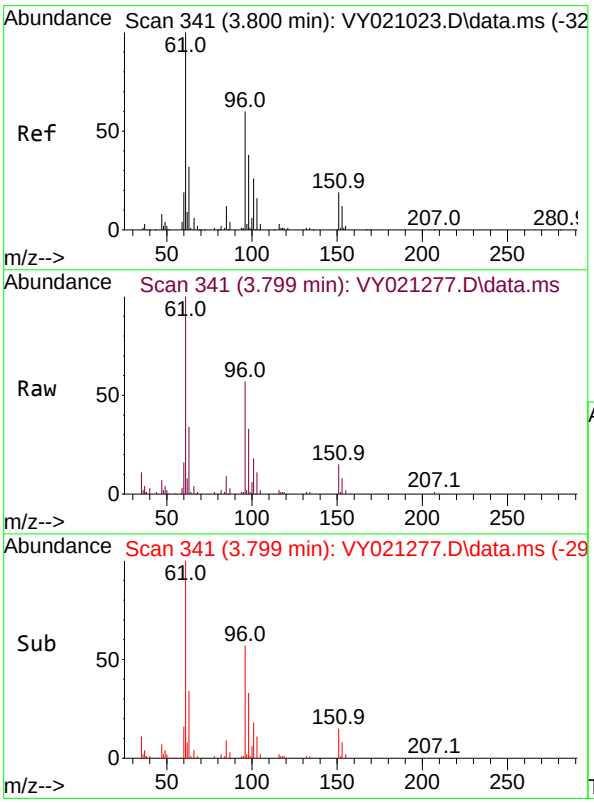
#11
Tert butyl alcohol
Concen: 112.767 ug/l
RT: 4.909 min Scan# 5
Delta R.T. 0.036 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion: 59 Resp: 11124

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.0#

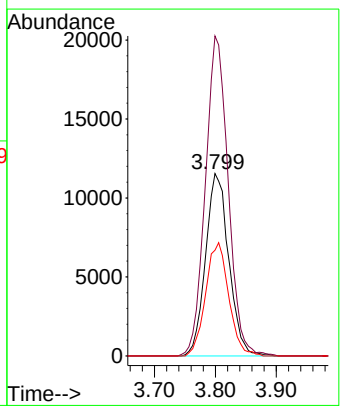


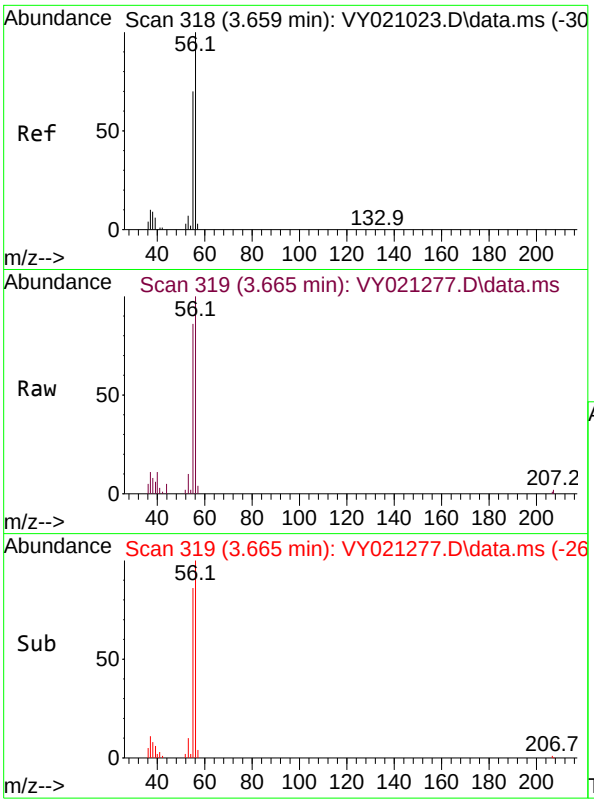


#12
1,1-Dichloroethene
Concen: 22.599 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 96 Resp: 30615

Ion	Ratio	Lower	Upper
96	100		
61	175.6	124.2	186.2
98	58.0	52.6	79.0



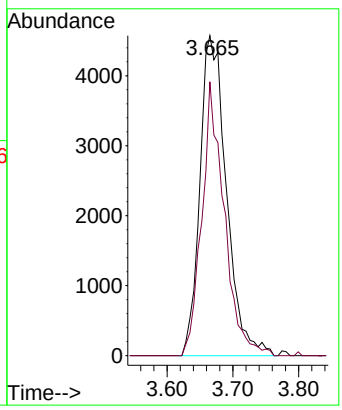


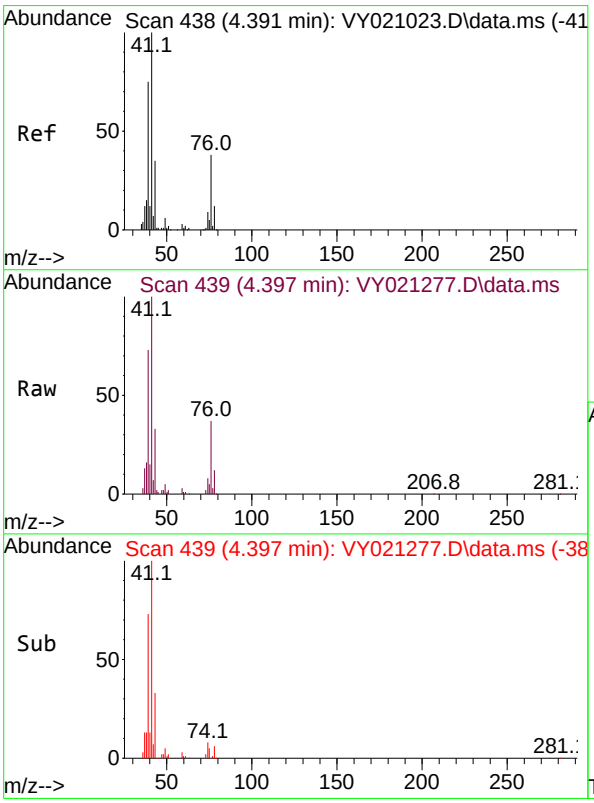
#13
Acrolein
Concen: 84.205 ug/l
RT: 3.665 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion: 56 Resp: 12791

Ion	Ratio	Lower	Upper
56	100		
55	72.4	55.4	83.0

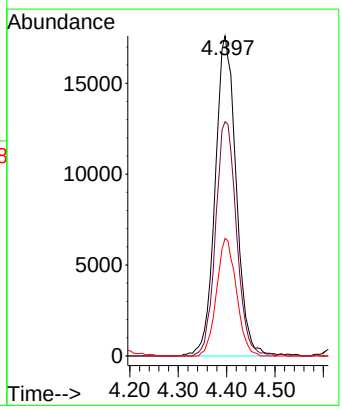


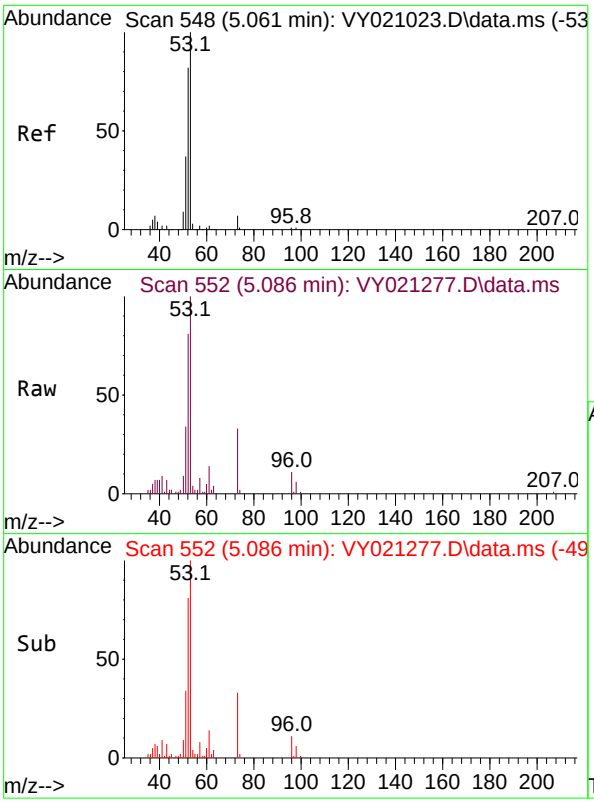


#14
Allyl chloride
Concen: 23.280 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 41 Resp: 53151

Ion	Ratio	Lower	Upper
41	100		
39	72.8	54.7	82.1
76	34.7	31.8	47.6



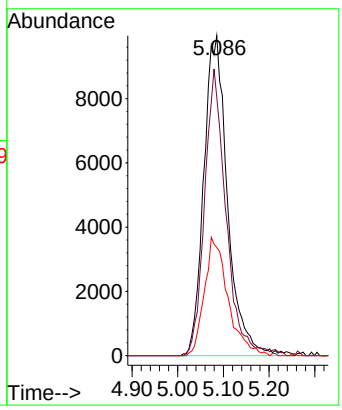


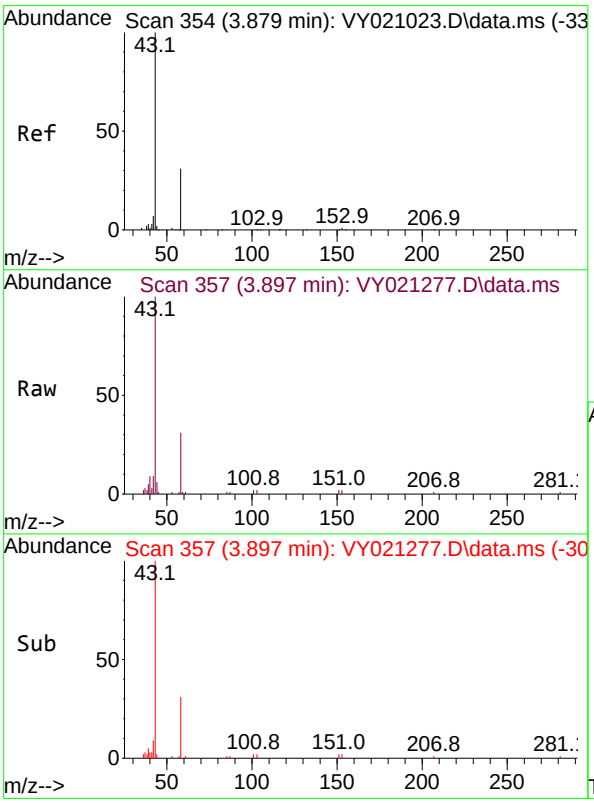
#15
Acrylonitrile
Concen: 120.510 ug/l
RT: 5.086 min Scan# 5
Delta R.T. 0.024 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion: 53 Resp: 35896

Ion	Ratio	Lower	Upper
53	100		
52	80.7	65.1	97.7
51	36.7	29.0	43.4

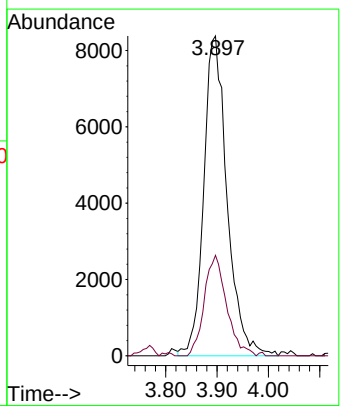


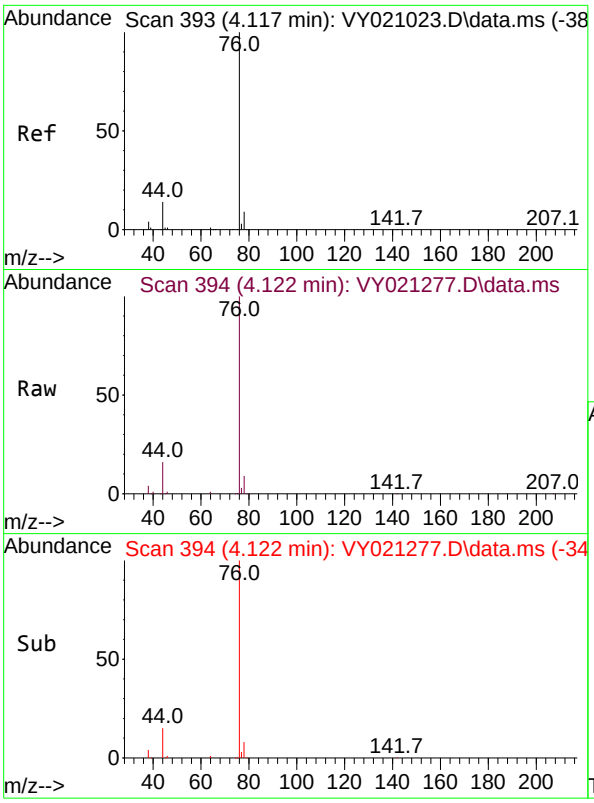


#16
Acetone
Concen: 116.562 ug/l
RT: 3.897 min Scan# 357
Delta R.T. 0.018 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 43 Resp: 26461

Ion	Ratio	Lower	Upper
43	100		
58	31.4	26.6	39.8



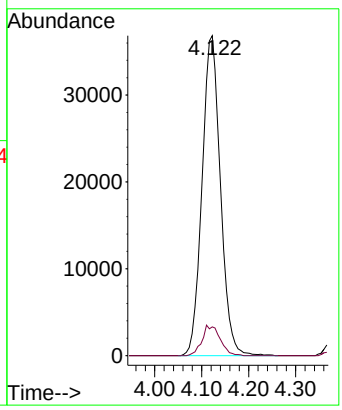


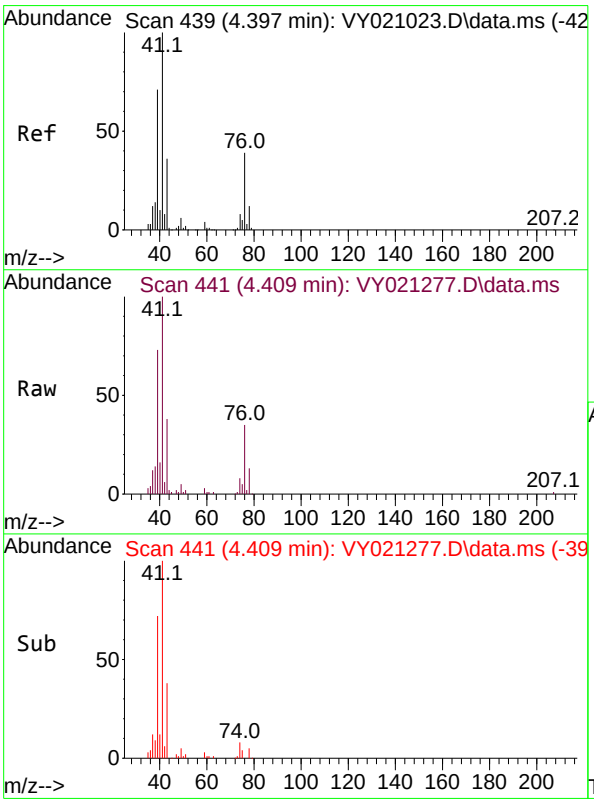
#17
Carbon Disulfide
Concen: 23.585 ug/l
RT: 4.122 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion: 76 Resp: 100186

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0

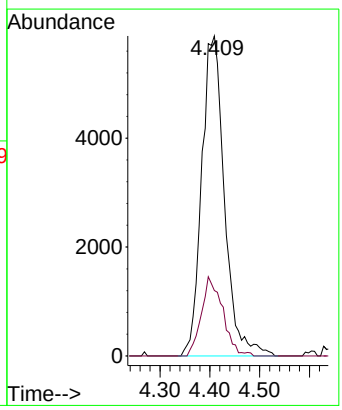


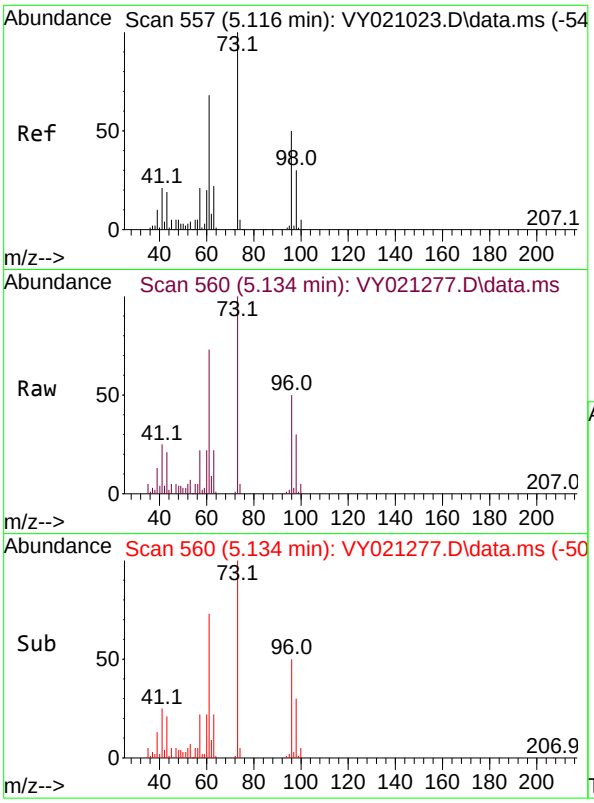


#18
Methyl Acetate
Concen: 23.511 ug/l
RT: 4.409 min Scan# 441
Delta R.T. 0.012 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 43 Resp: 18736

Ion	Ratio	Lower	Upper
43	100		
74	23.1	19.8	29.6



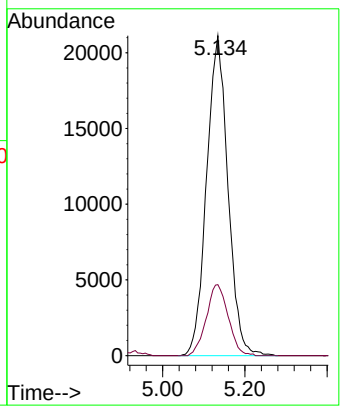


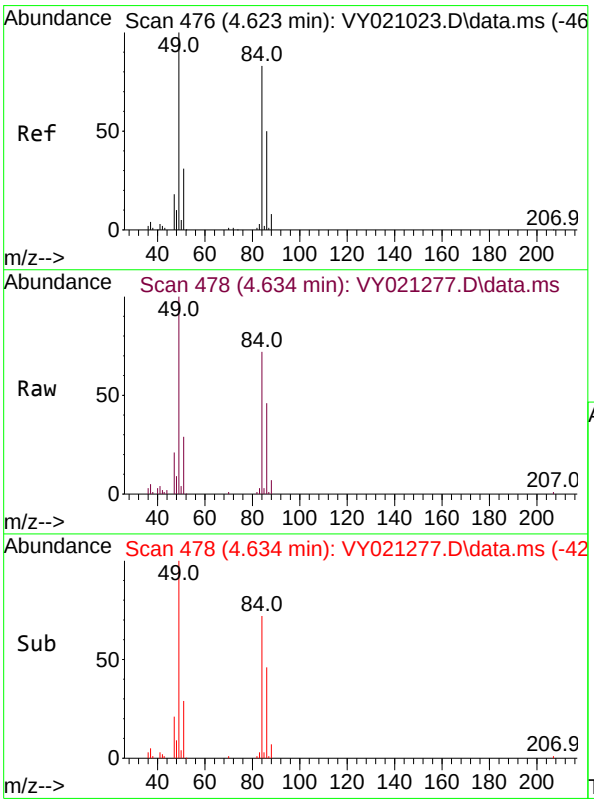
#19
Methyl tert-butyl Ether
Concen: 22.238 ug/l
RT: 5.134 min Scan# 5
Delta R.T. 0.018 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion: 73 Resp: 76143

Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.7	26.5

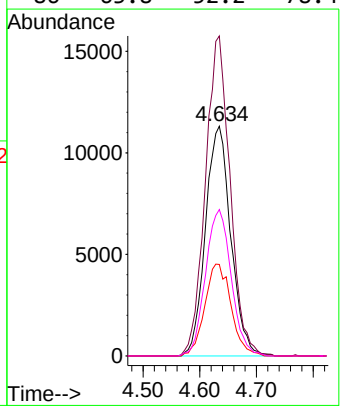


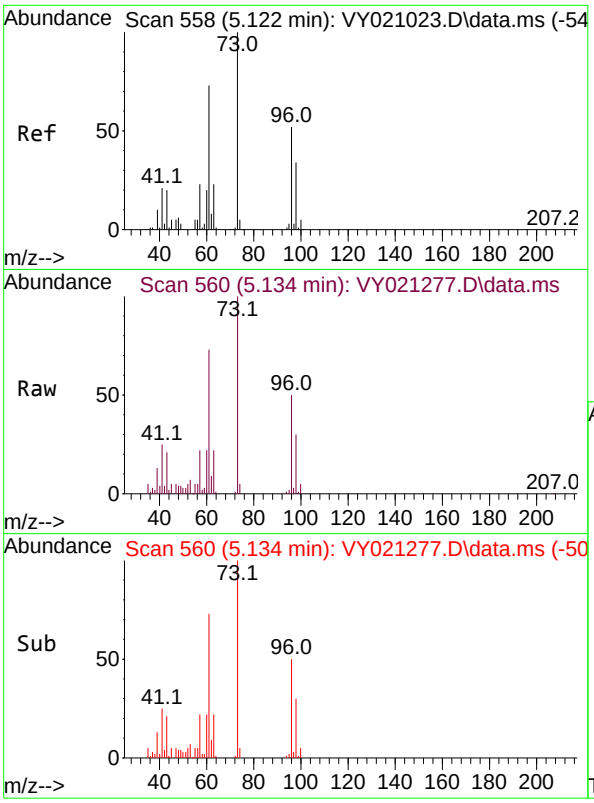


#20
Methylene Chloride
Concen: 24.877 ug/l
RT: 4.634 min Scan# 478
Delta R.T. 0.012 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 84 Resp: 35107

Ion	Ratio	Lower	Upper
84	100		
49	139.4	95.2	142.8
51	39.9	29.9	44.9
86	63.8	52.2	78.4



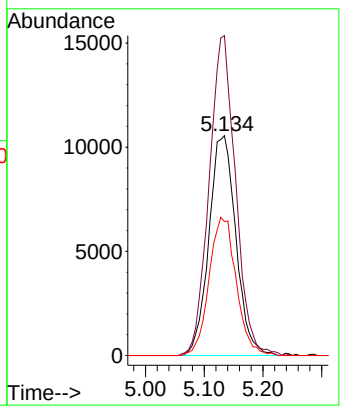


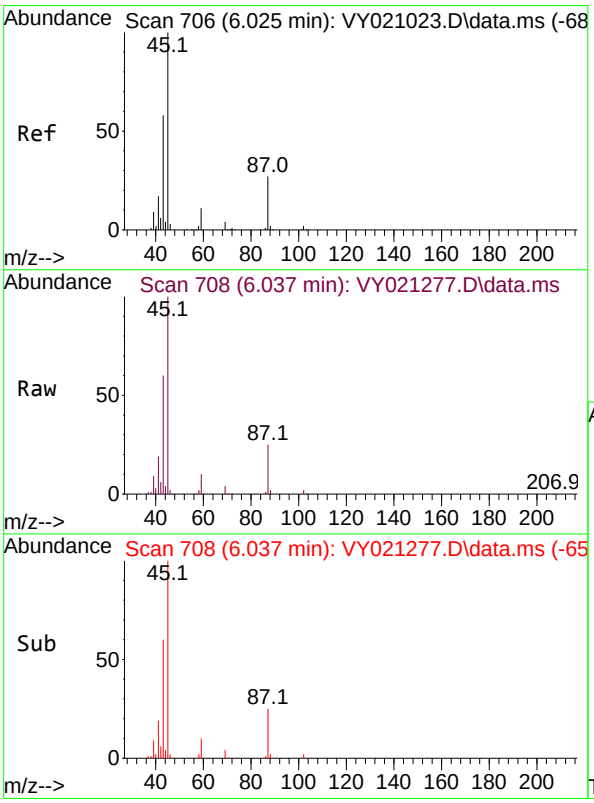
#21
trans-1,2-Dichloroethene
Concen: 22.639 ug/l
RT: 5.134 min Scan# 5
Delta R.T. 0.012 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion: 96 Resp: 33759

Ion	Ratio	Lower	Upper
96	100		
61	145.5	104.6	156.8
98	61.0	50.9	76.3

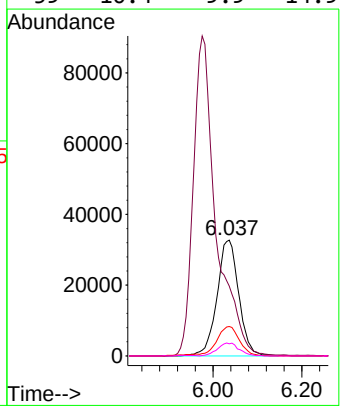


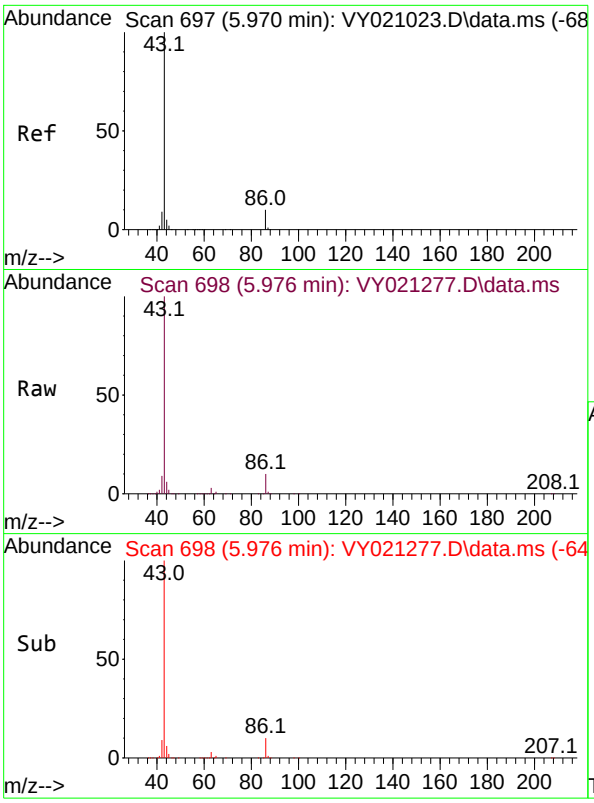


#22
Diisopropyl ether
Concen: 23.651 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 45 Resp: 111301

Ion	Ratio	Lower	Upper
45	100		
43	59.5	46.8	70.2
87	25.3	22.2	33.2
59	10.4	9.9	14.9



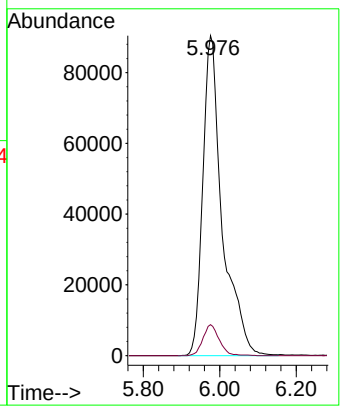


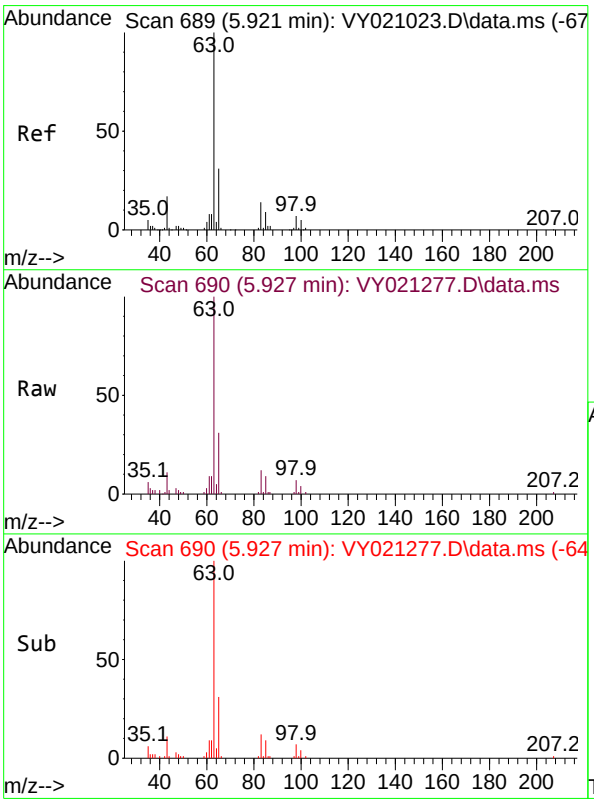
#23
Vinyl Acetate
Concen: 121.879 ug/l
RT: 5.976 min Scan# 69
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion: 43 Resp: 319737

Ion	Ratio	Lower	Upper
43	100		
86	9.7	8.6	13.0

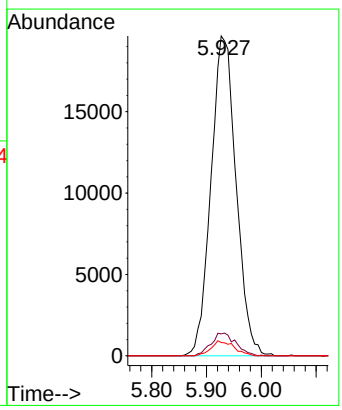


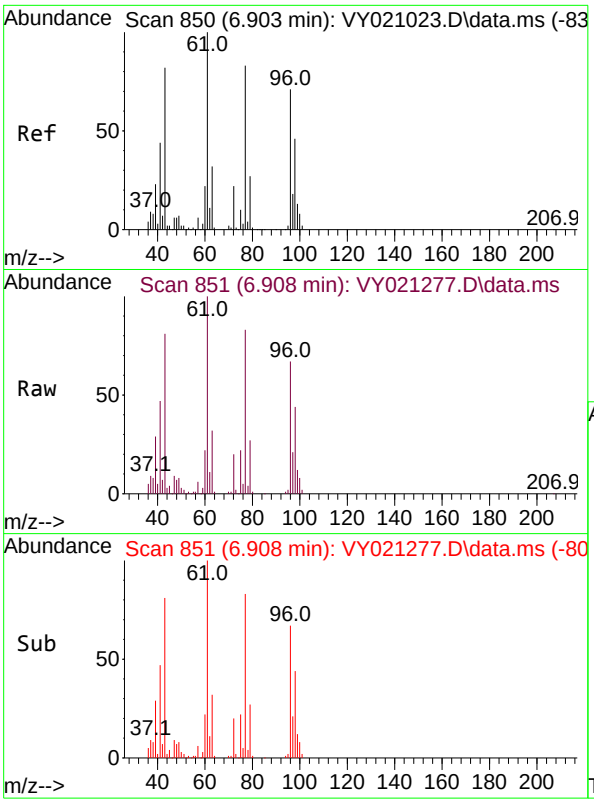


#24
1,1-Dichloroethane
Concen: 22.697 ug/l
RT: 5.927 min Scan# 690
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 63 Resp: 62579

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.8	11.4
100	4.2	2.1	6.2



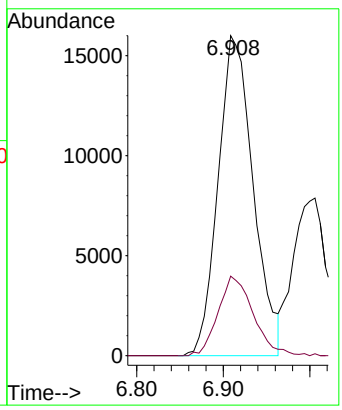


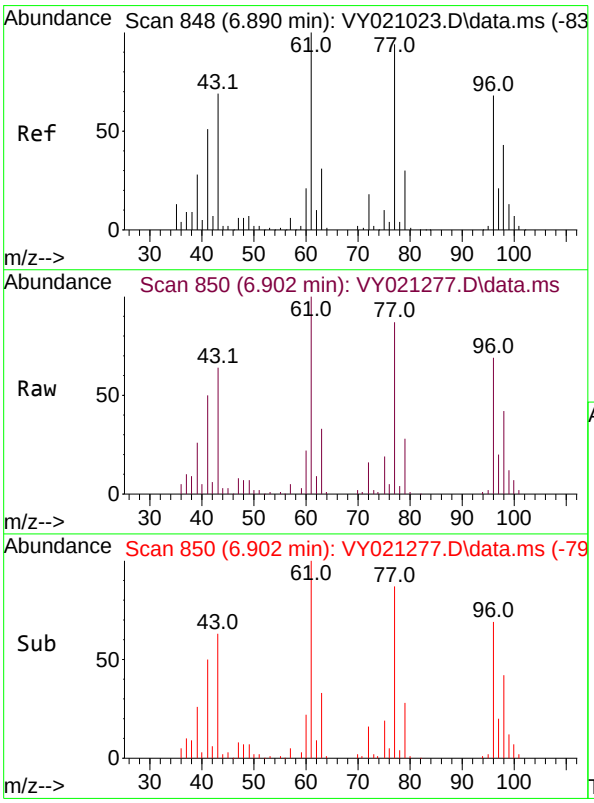
#25
2-Butanone
Concen: 121.018 ug/l
RT: 6.908 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion: 43 Resp: 45145

Ion	Ratio	Lower	Upper
43	100		
72	24.8	21.4	32.2

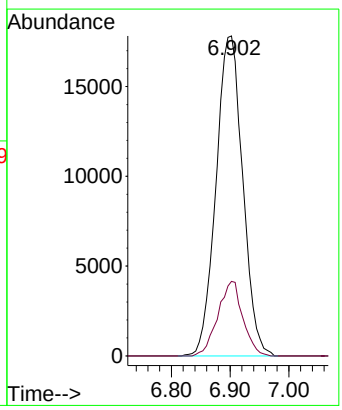


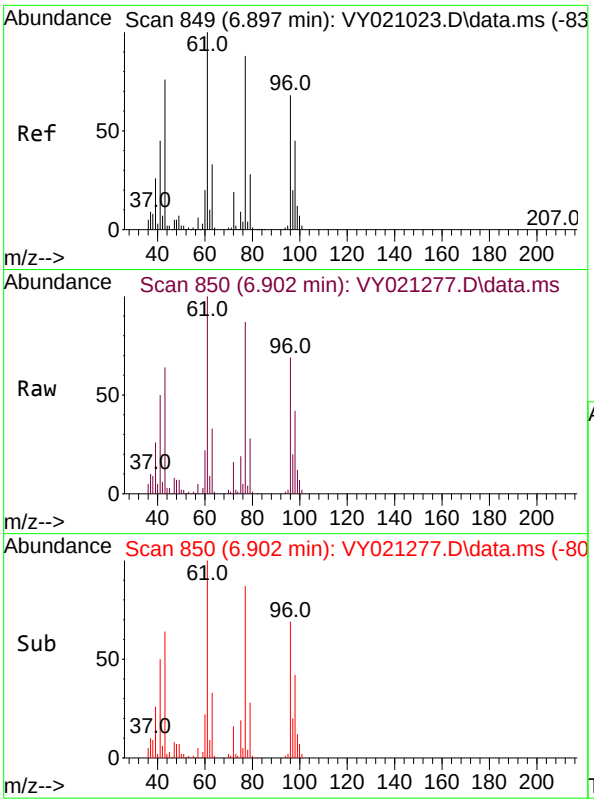


#26
2,2-Dichloropropane
Concen: 22.020 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 77 Resp: 56177

Ion	Ratio	Lower	Upper
77	100		
97	21.8	11.7	35.0



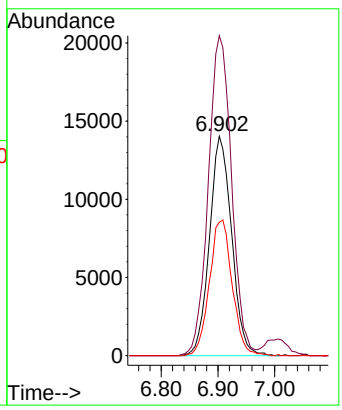


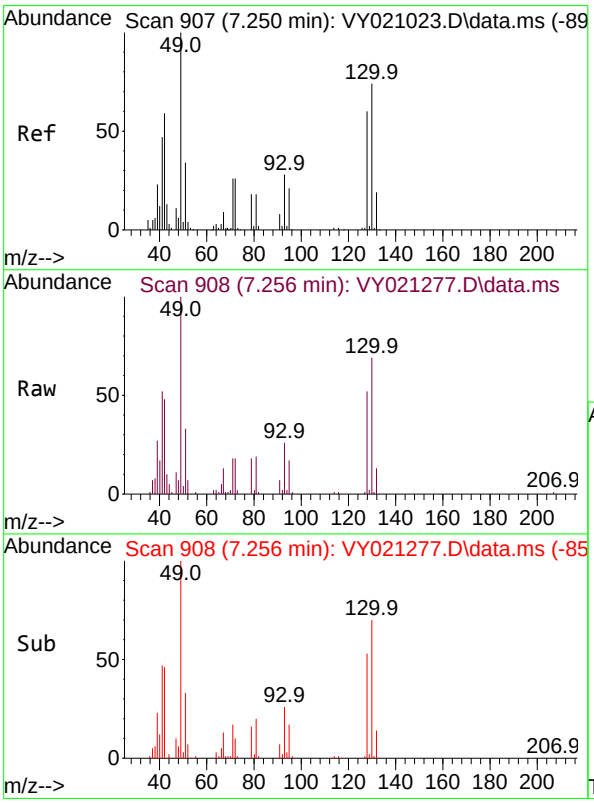
#27
cis-1,2-Dichloroethene
Concen: 22.234 ug/l
RT: 6.902 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion: 96 Resp: 38161

Ion	Ratio	Lower	Upper
96	100		
61	152.9	0.0	278.8
98	63.3	0.0	127.0

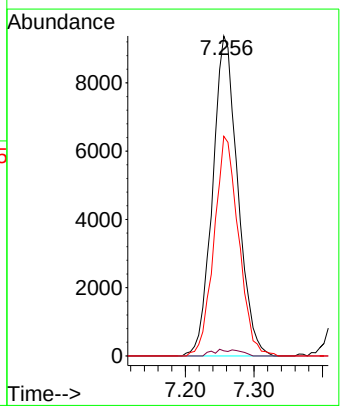


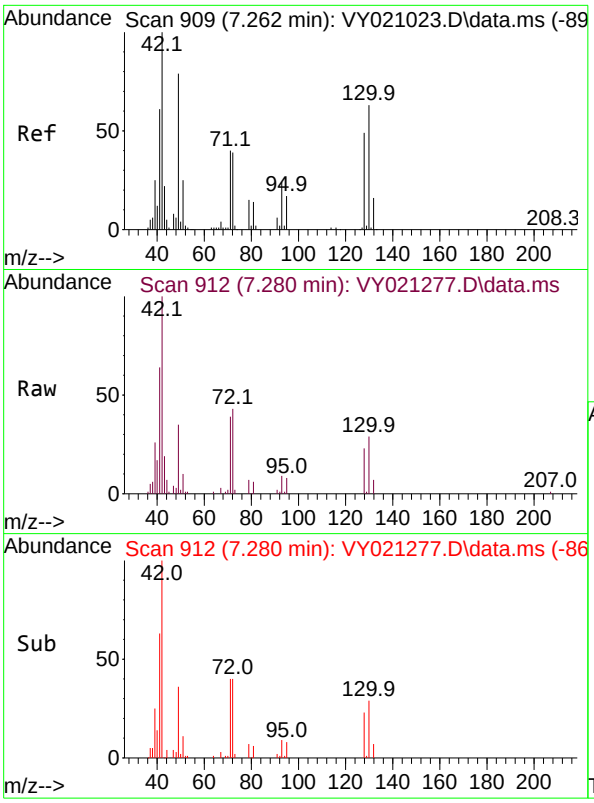


#28
Bromochloromethane
Concen: 21.942 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 49 Resp: 23922

Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.8
130	67.0	59.8	89.8



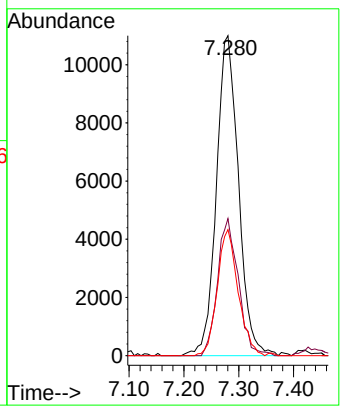


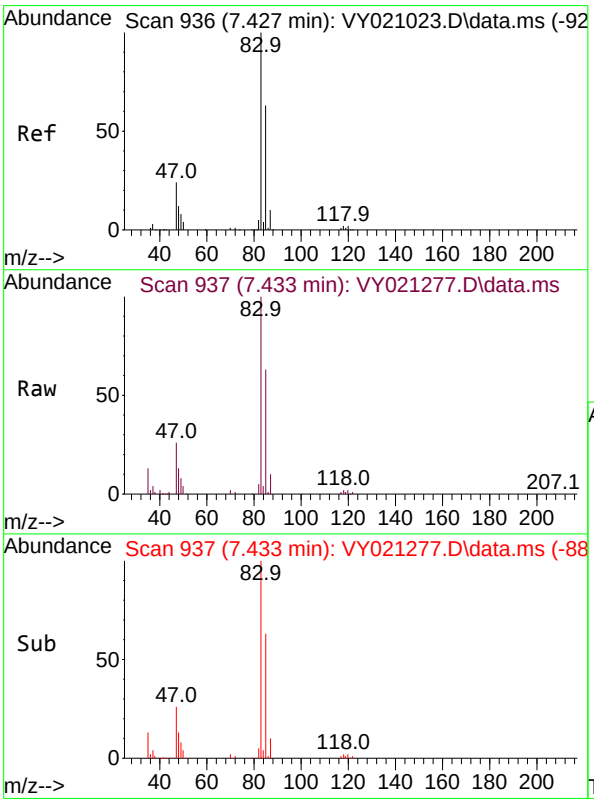
#29
Tetrahydrofuran
Concen: 122.151 ug/l
RT: 7.280 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion: 42 Resp: 30834

Ion	Ratio	Lower	Upper
42	100		
72	40.2	36.6	54.8
71	37.1	33.8	50.6

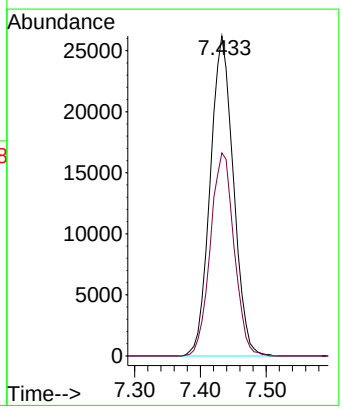


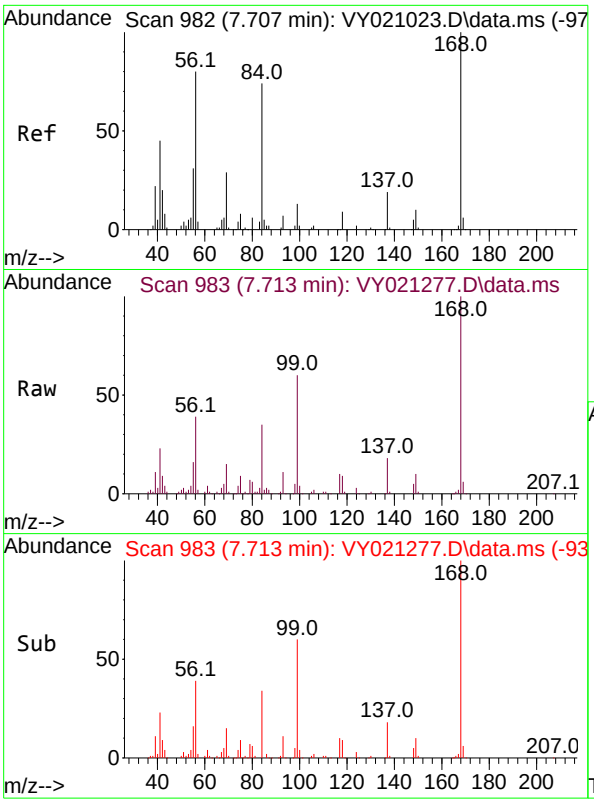


#30
Chloroform
Concen: 22.575 ug/l
RT: 7.433 min Scan# 937
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 83 Resp: 63933

Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.2	76.8



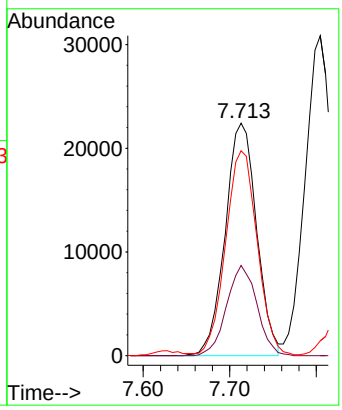


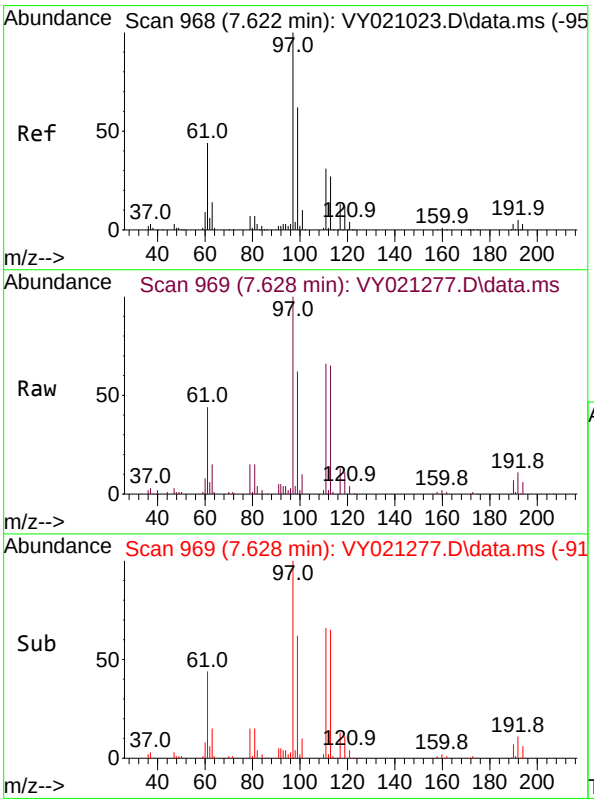
#31
Cyclohexane
Concen: 22.802 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion: 56 Resp: 56614

Ion	Ratio	Lower	Upper
56	100		
69	38.8	27.0	40.6
84	86.5	71.8	107.6

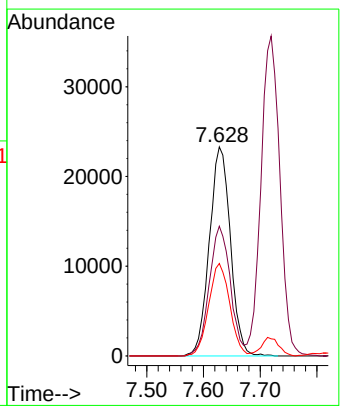


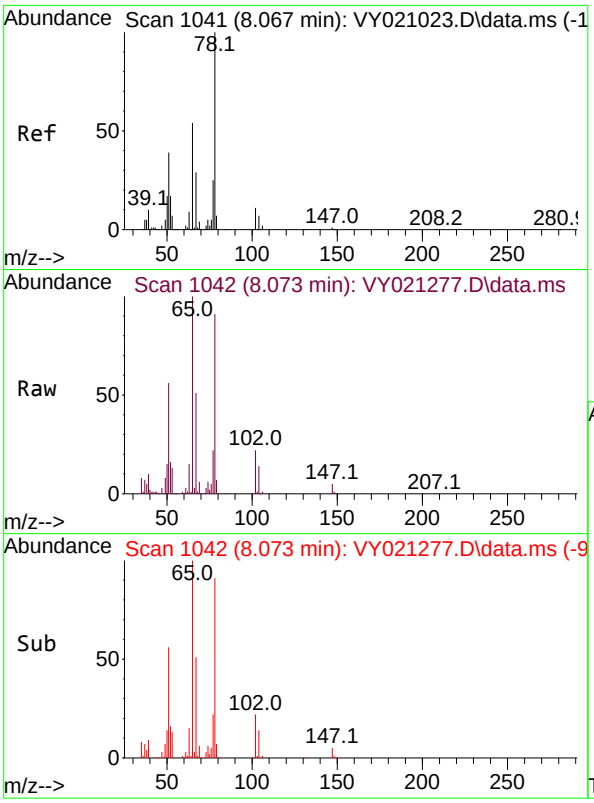


#32
1,1,1-Trichloroethane
Concen: 22.806 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 97 Resp: 60049

Ion	Ratio	Lower	Upper
97	100		
99	62.0	51.2	76.8
61	44.4	35.0	52.6



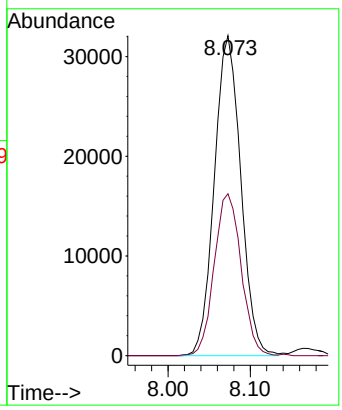


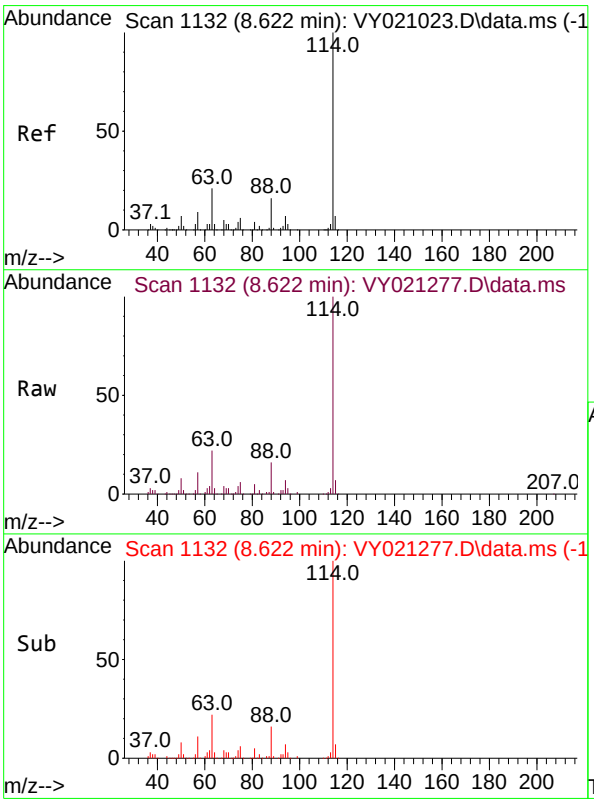
#33
1,2-Dichloroethane-d4
Concen: 49.241 ug/l
RT: 8.073 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion: 65 Resp: 71680

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	109.0

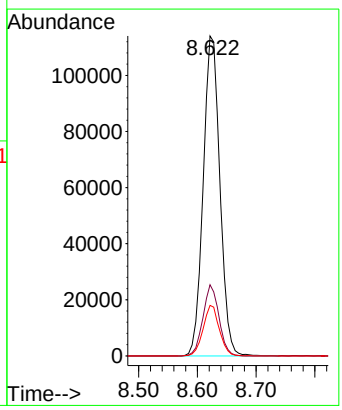


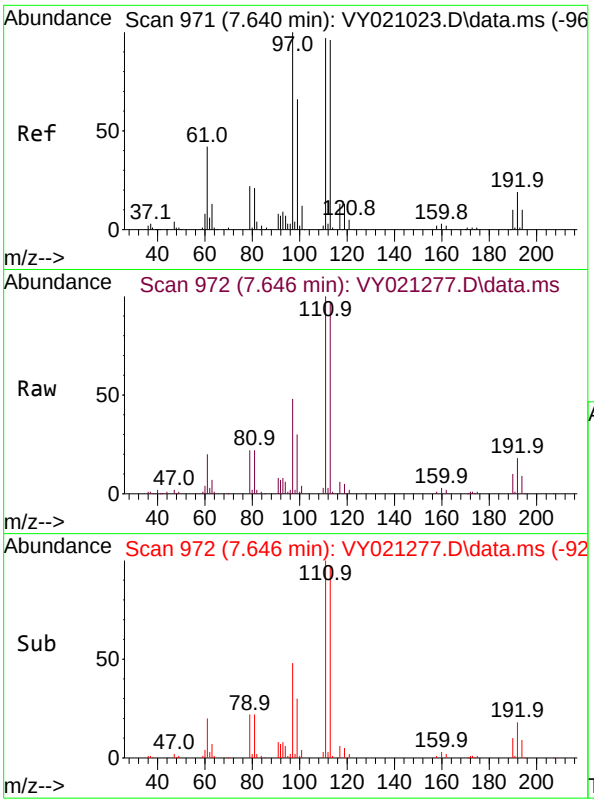


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:114 Resp: 225088

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	37.4
88	15.8	0.0	29.0



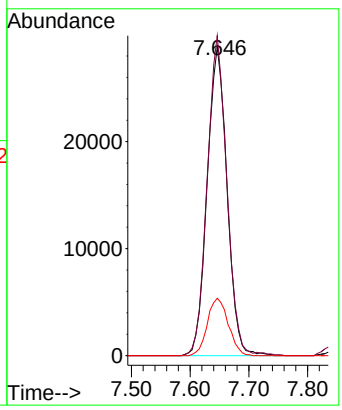


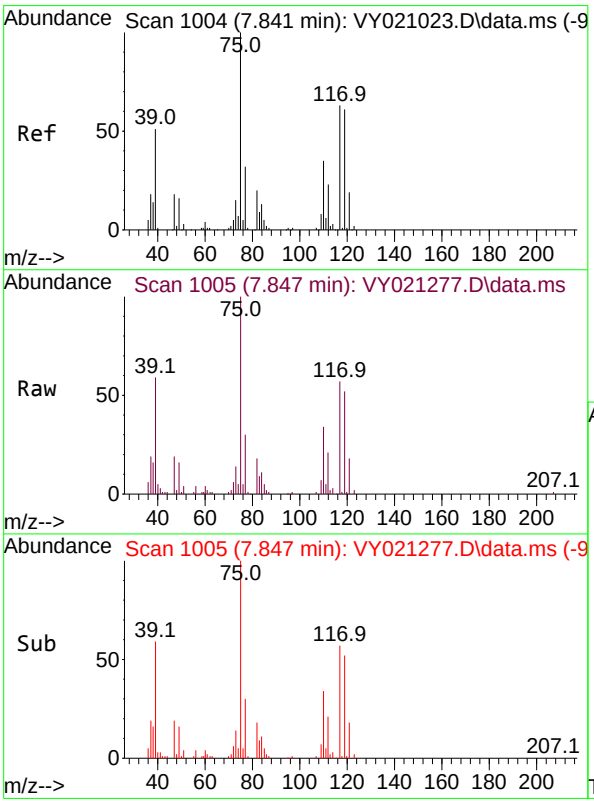
#35
Dibromofluoromethane
Concen: 47.035 ug/l
RT: 7.646 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion:113 Resp: 67848

Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.8	125.6
192	19.5	14.5	21.7

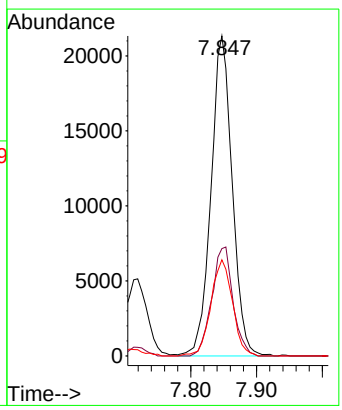


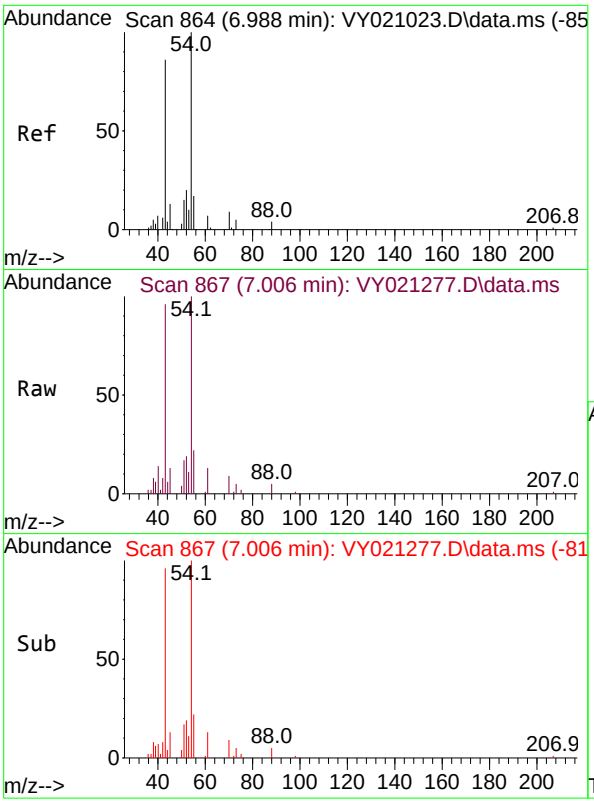


#36
1,1-Dichloropropene
Concen: 22.343 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 75 Resp: 47738

Ion	Ratio	Lower	Upper
75	100		
110	34.0	17.4	52.3
77	30.5	24.7	37.1



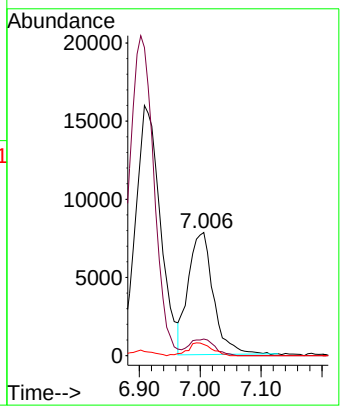


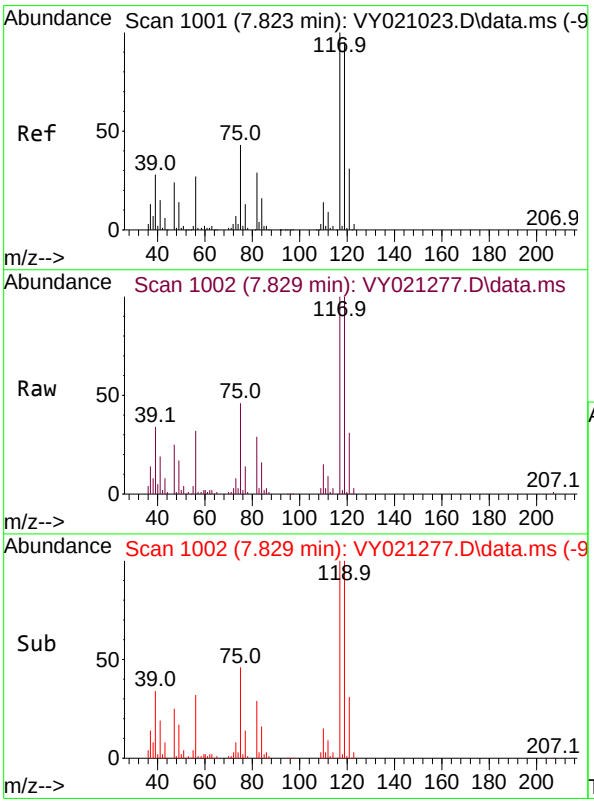
#37
Ethyl Acetate
Concen: 23.817 ug/l
RT: 7.006 min Scan# 8
Delta R.T. 0.018 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion: 43 Resp: 22324

Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.6
70	9.8	8.1	12.1

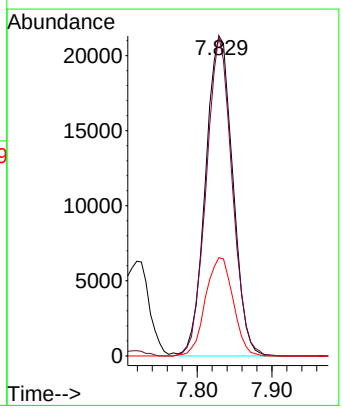


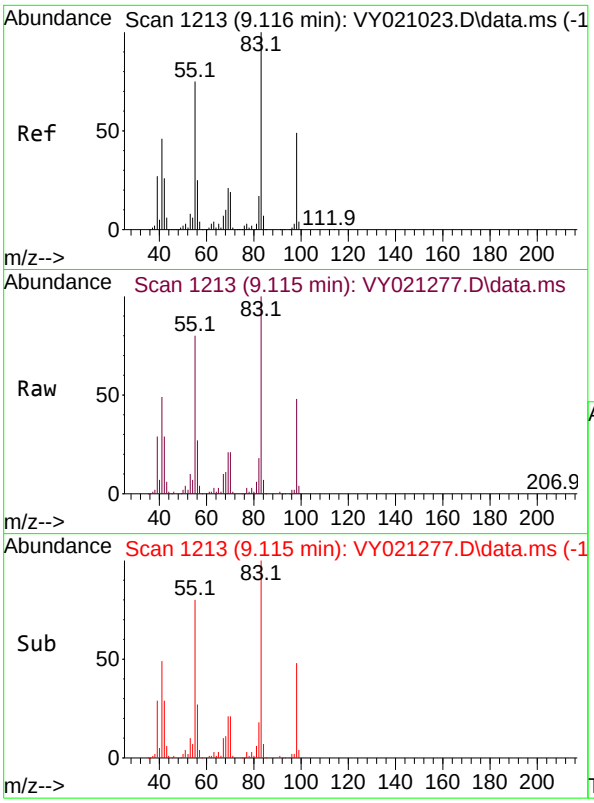


#38
Carbon Tetrachloride
Concen: 21.549 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:117 Resp: 53797

Ion	Ratio	Lower	Upper
117	100		
119	99.9	76.0	114.0
121	30.7	24.2	36.2



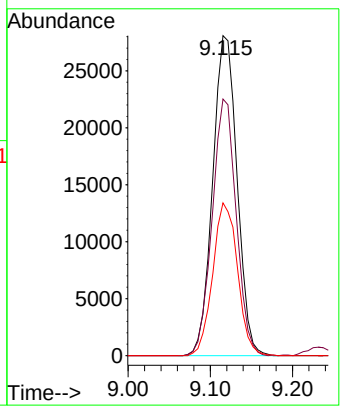


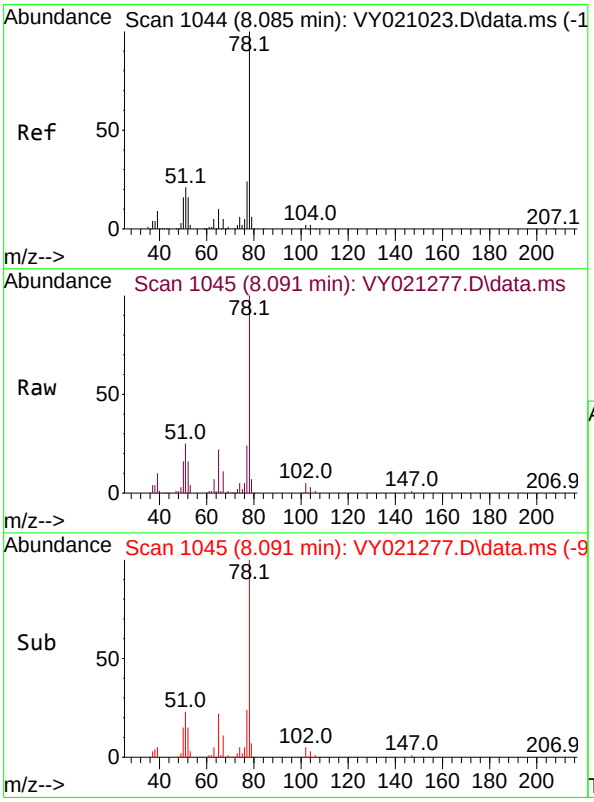
#39
Methylcyclohexane
Concen: 22.168 ug/l
RT: 9.115 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion: 83 Resp: 57935

Ion	Ratio	Lower	Upper
83	100		
55	80.2	59.7	89.5
98	47.7	38.0	57.0

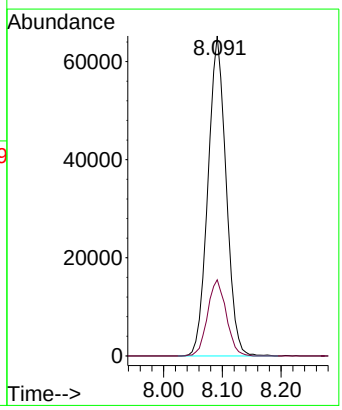


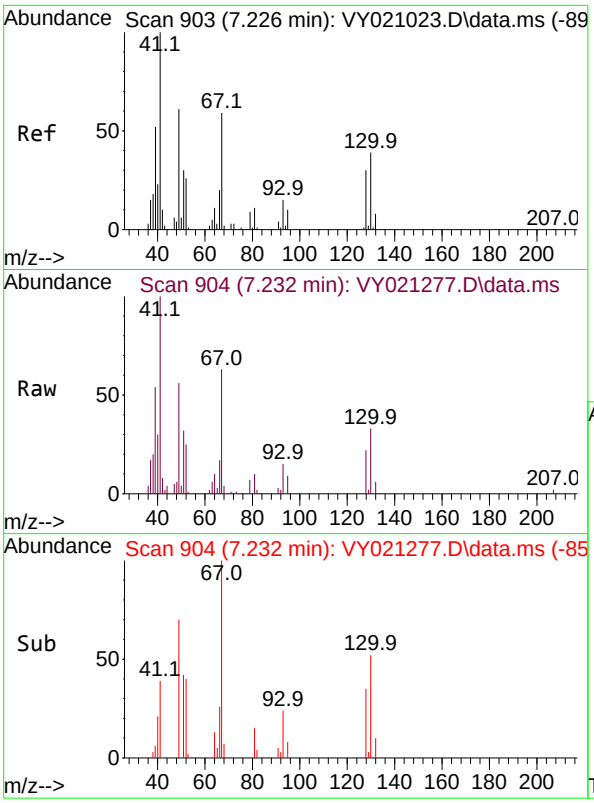


#40
Benzene
Concen: 22.315 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 78 Resp: 139916

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2



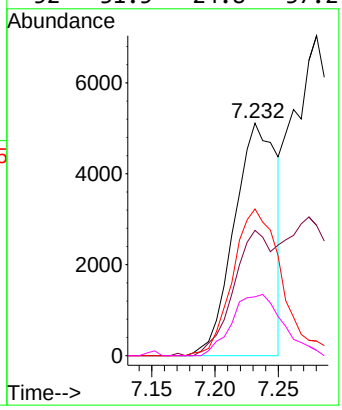


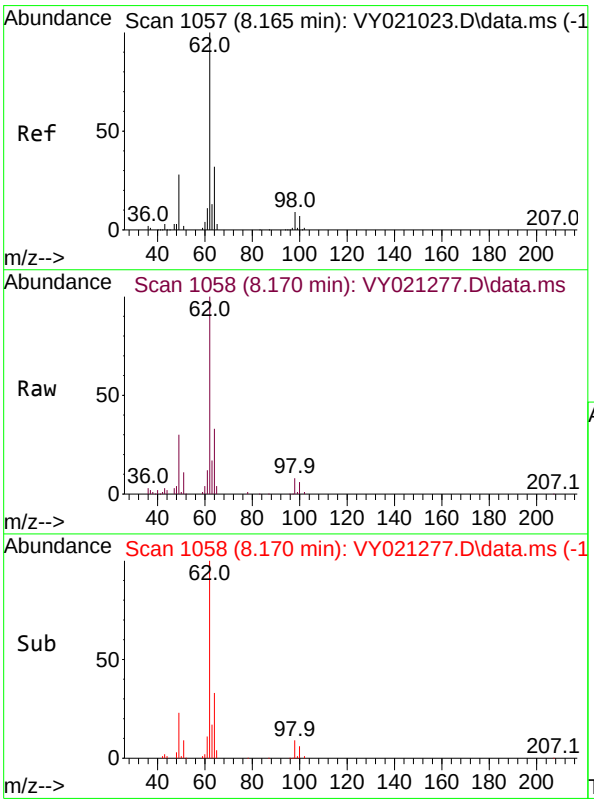
#41
Methacrylonitrile
Concen: 21.934 ug/l
RT: 7.232 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion: 41 Resp: 11894

Ion	Ratio	Lower	Upper
41	100		
39	46.4	41.9	62.9
67	73.4	59.8	89.6
52	31.5	24.8	37.2

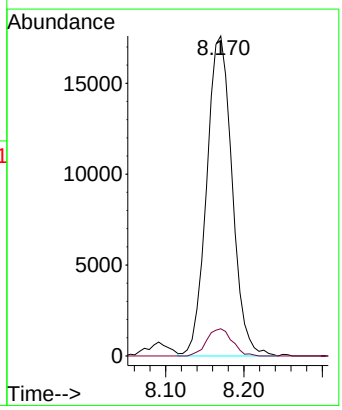


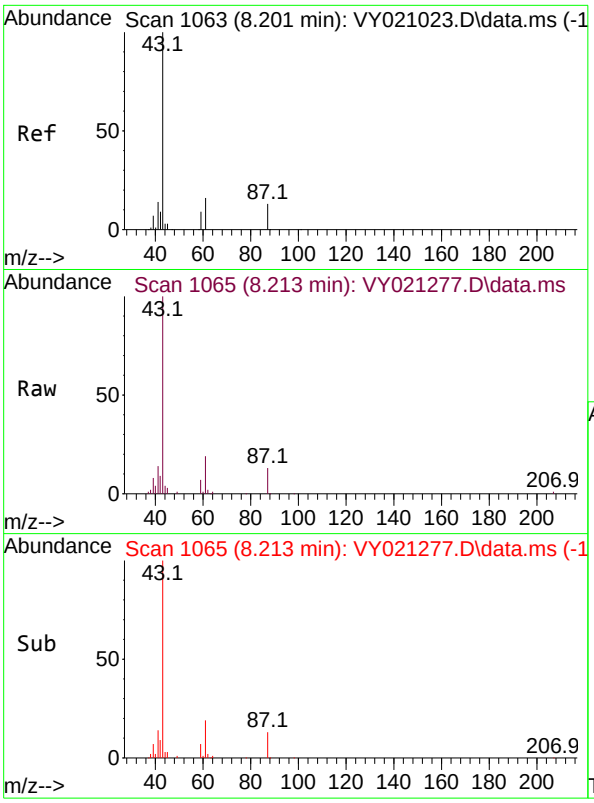


#42
1,2-Dichloroethane
Concen: 22.843 ug/l
RT: 8.170 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 62 Resp: 39732

Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	20.2



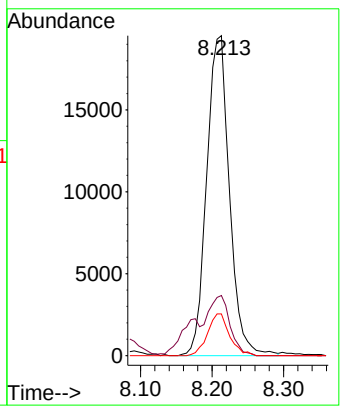


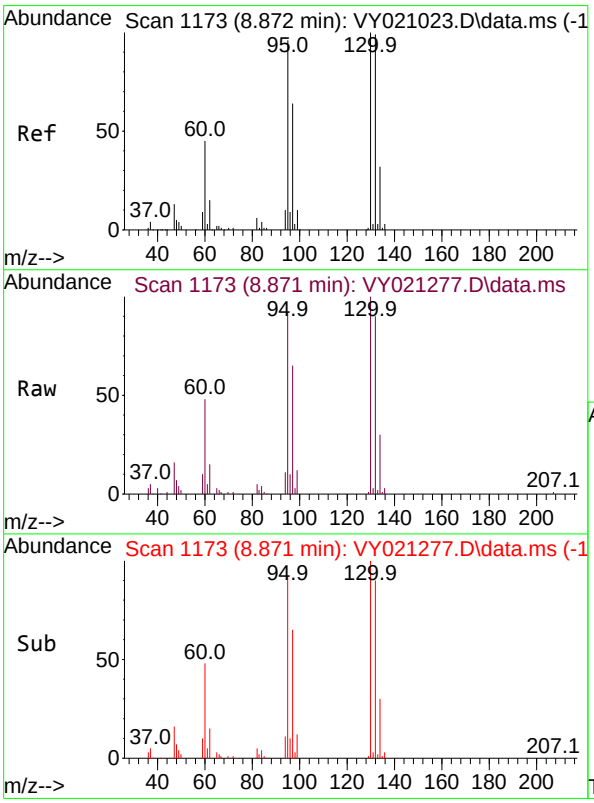
#43
Isopropyl Acetate
Concen: 23.171 ug/l
RT: 8.213 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion: 43 Resp: 43155

Ion	Ratio	Lower	Upper
43	100		
61	18.6	24.8	37.2#
87	12.6	10.7	16.1

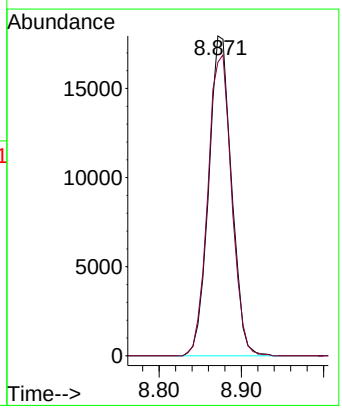


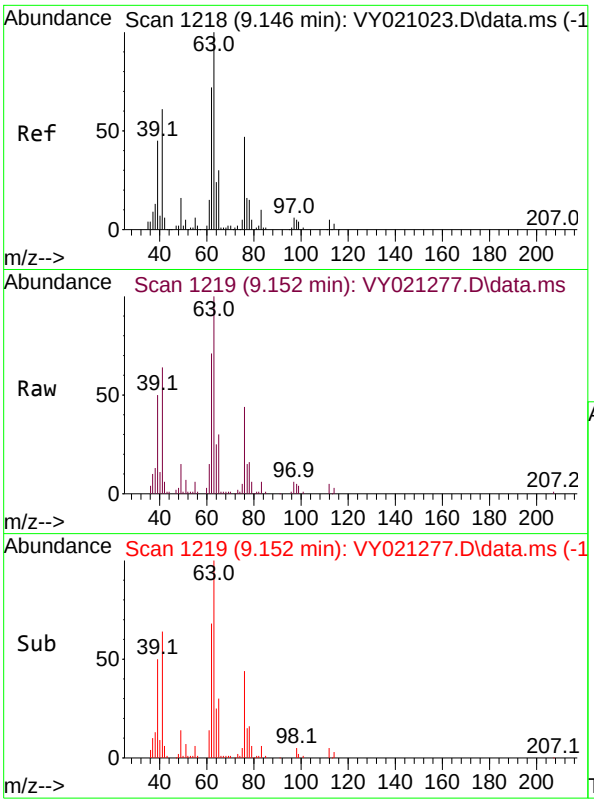


#44
Trichloroethene
Concen: 21.370 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:130 Resp: 34619

Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	203.8



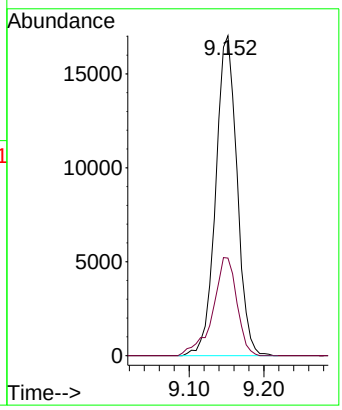


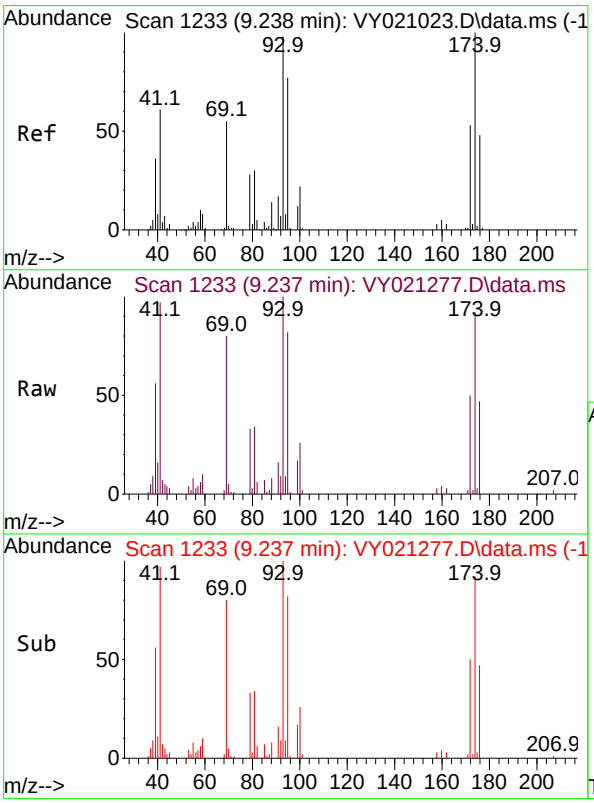
#45
1,2-Dichloropropane
Concen: 22.681 ug/l
RT: 9.152 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion: 63 Resp: 33754

Ion	Ratio	Lower	Upper
63	100		
65	30.5	24.6	36.8

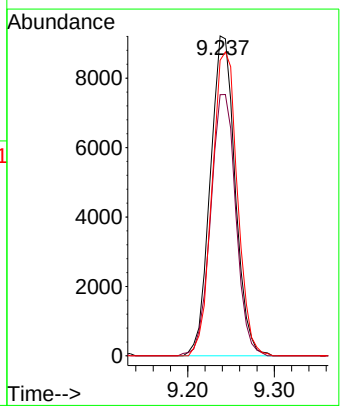


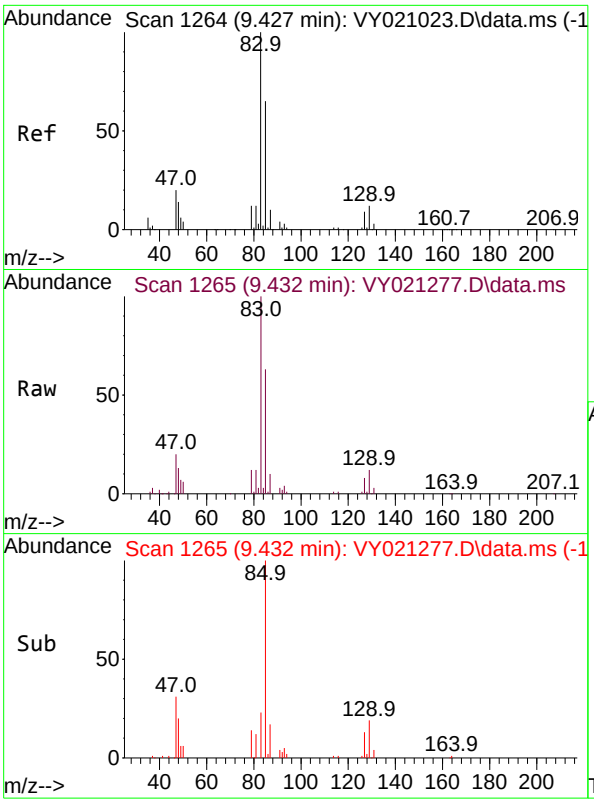


#46
Dibromomethane
Concen: 22.354 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 93 Resp: 18420

Ion	Ratio	Lower	Upper
93	100		
95	82.6	66.6	99.8
174	96.6	73.8	110.6



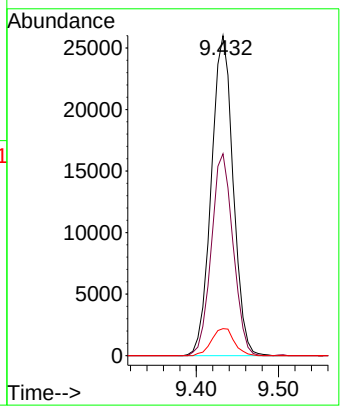


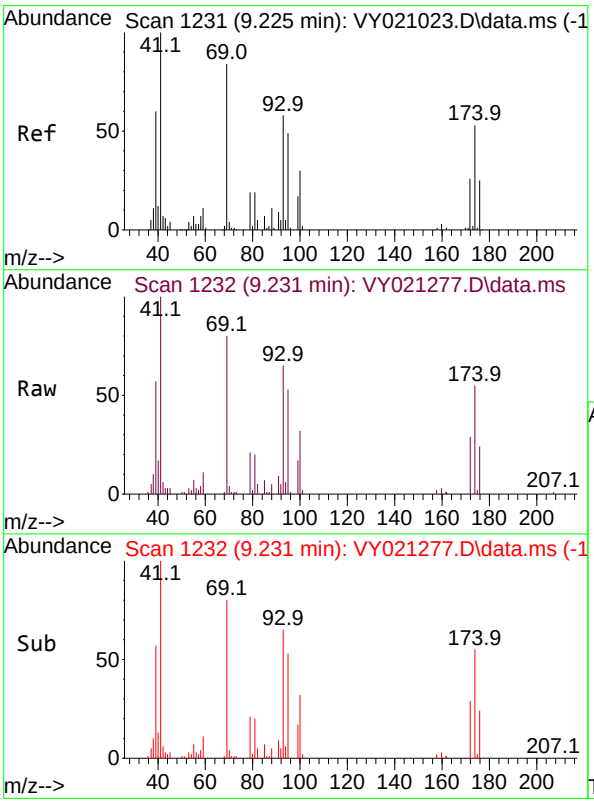
#47
Bromodichloromethane
Concen: 21.684 ug/l
RT: 9.432 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion: 83 Resp: 47920

Ion	Ratio	Lower	Upper
83	100		
85	63.1	53.2	79.8
127	8.4	6.4	9.6

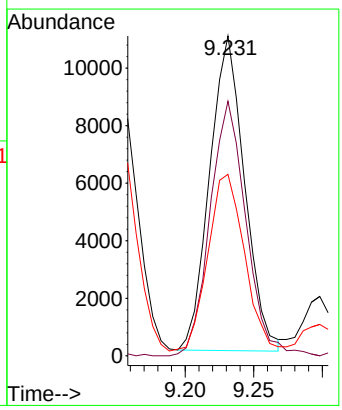


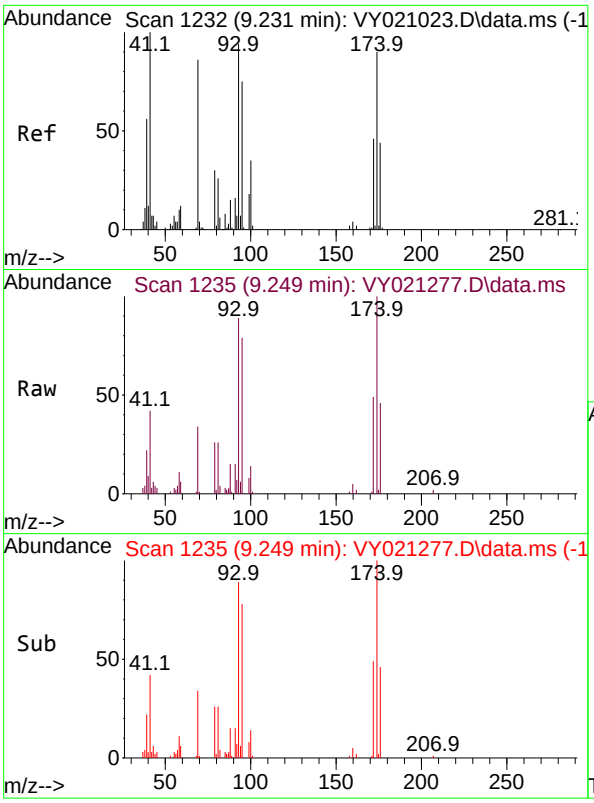


#48
Methyl methacrylate
Concen: 22.826 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 41 Resp: 19365

Ion	Ratio	Lower	Upper
41	100		
69	83.6	72.1	108.1
39	59.2	42.8	64.2



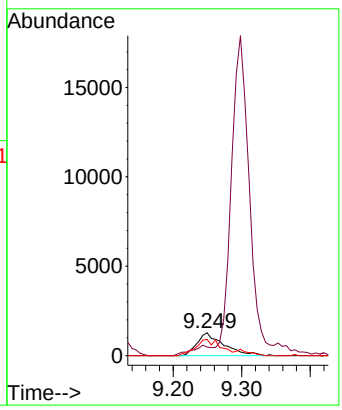


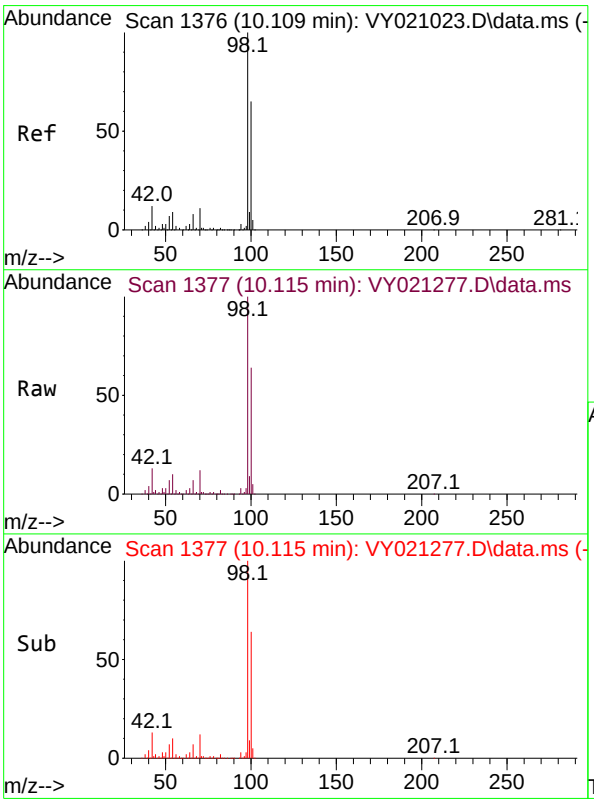
#49
1,4-Dioxane
Concen: 450.275 ug/l
RT: 9.249 min Scan# 1
Delta R.T. 0.018 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion: 88 Resp: 3454

Ion	Ratio	Lower	Upper
88	100		
43	32.1	28.2	42.4
58	65.4	52.2	78.2

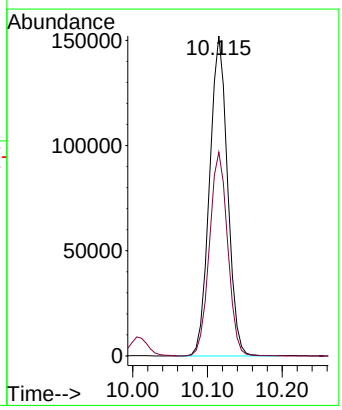


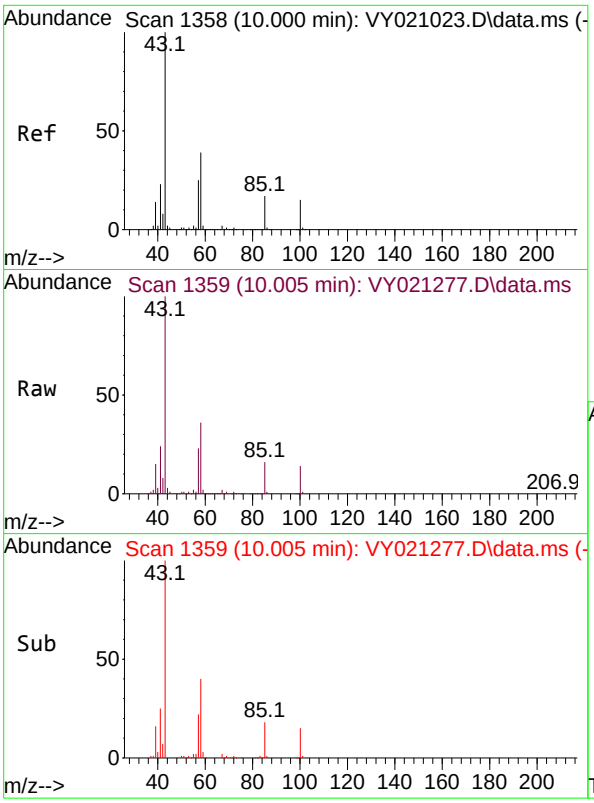


#50
Toluene-d8
Concen: 46.355 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 98 Resp: 254568

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.3	78.5



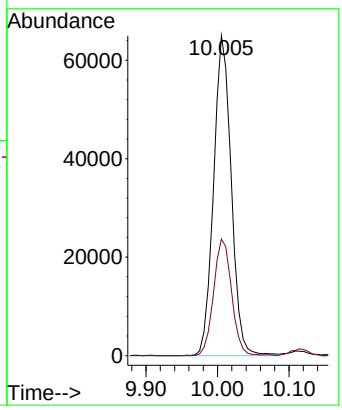


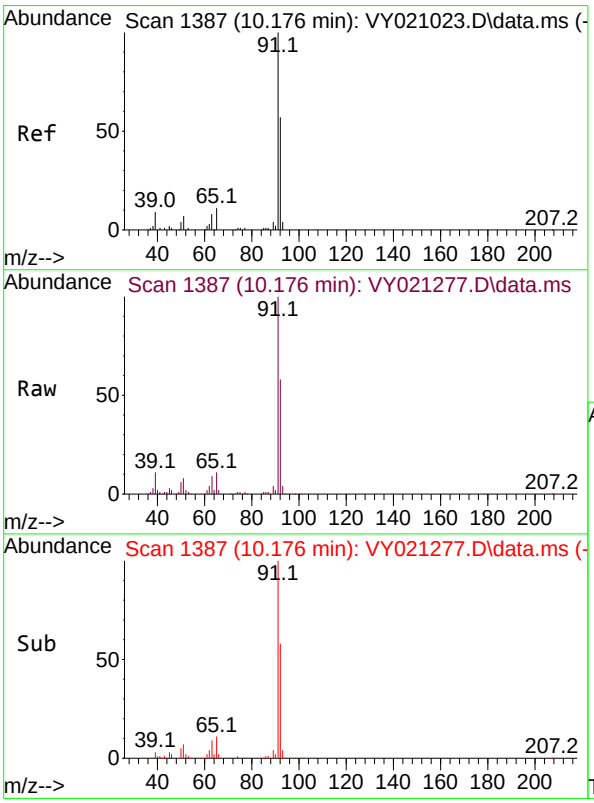
#51
4-Methyl-2-Pentanone
Concen: 119.282 ug/l
RT: 10.005 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion: 43 Resp: 111716

Ion	Ratio	Lower	Upper
43	100		
58	37.2	32.2	48.2

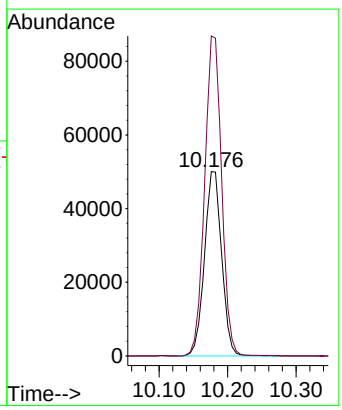


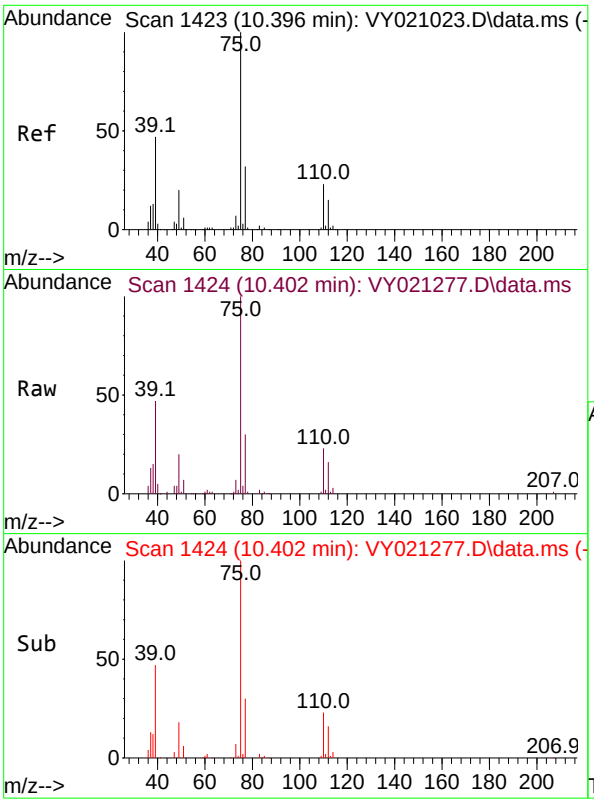


#52
Toluene
Concen: 22.059 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 92 Resp: 86849

Ion	Ratio	Lower	Upper
92	100		
91	171.9	137.6	206.4



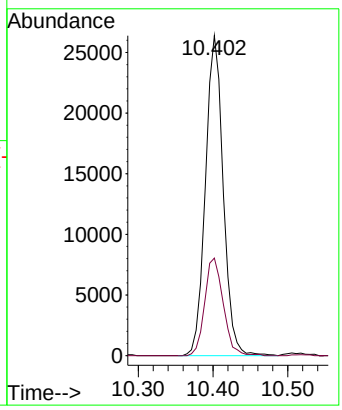


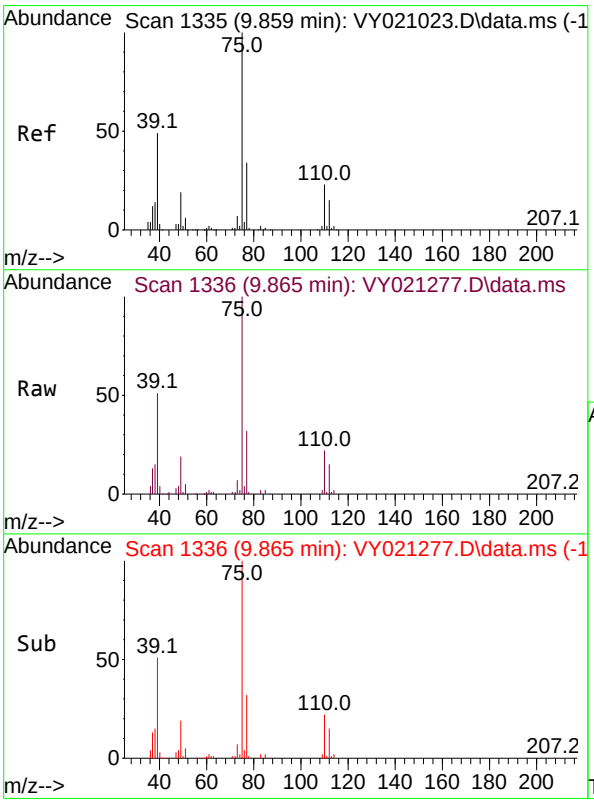
#53
t-1,3-Dichloropropene
Concen: 21.936 ug/l
RT: 10.402 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion: 75 Resp: 43528

Ion	Ratio	Lower	Upper
75	100		
77	30.5	24.6	36.8

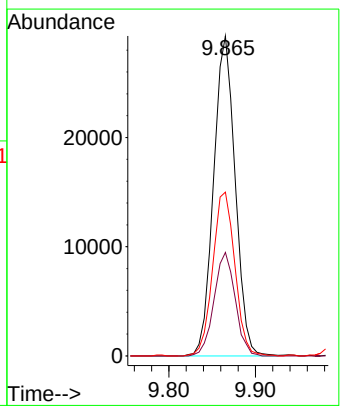


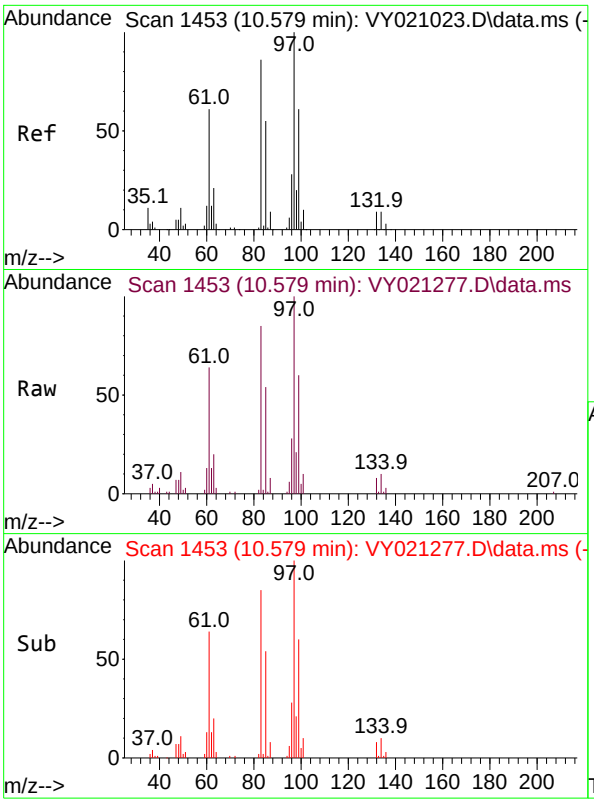


#54
cis-1,3-Dichloropropene
Concen: 21.615 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 75 Resp: 50785

Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.6	36.8
39	51.2	33.6	50.4#



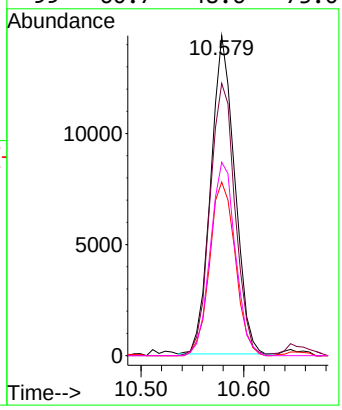


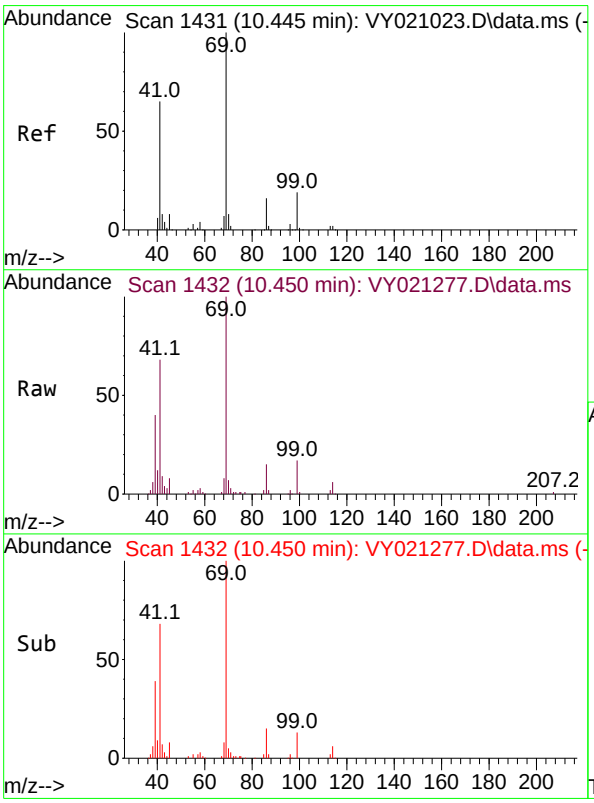
#55
1,1,2-Trichloroethane
Concen: 21.828 ug/l
RT: 10.579 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion: 97 Resp: 23291

Ion	Ratio	Lower	Upper
97	100		
83	85.5	69.4	104.2
85	54.5	43.9	65.9
99	60.7	48.6	73.0

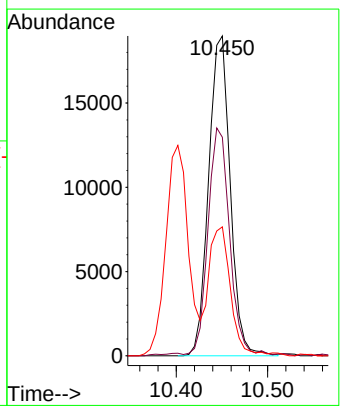


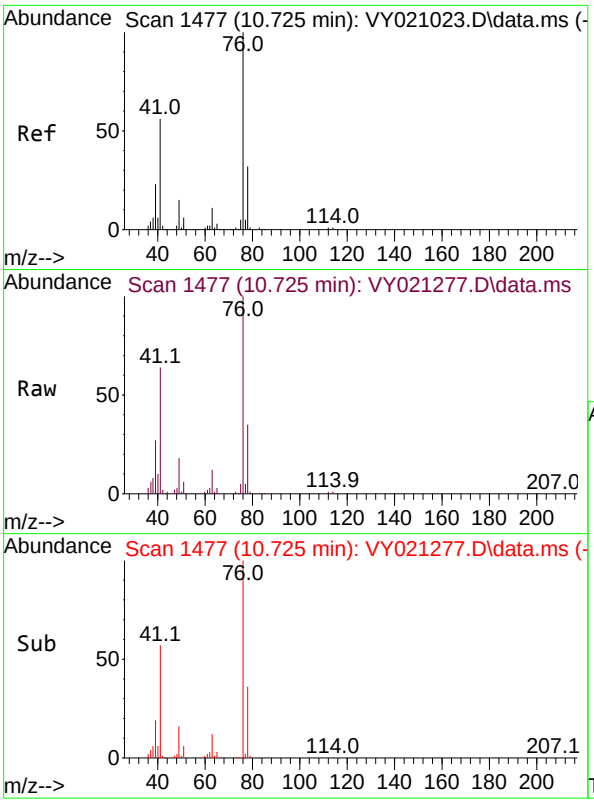


#56
Ethyl methacrylate
Concen: 21.863 ug/l
RT: 10.450 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 69 Resp: 31208

Ion	Ratio	Lower	Upper
69	100		
41	72.5	49.2	73.8
39	41.0	26.8	40.2#



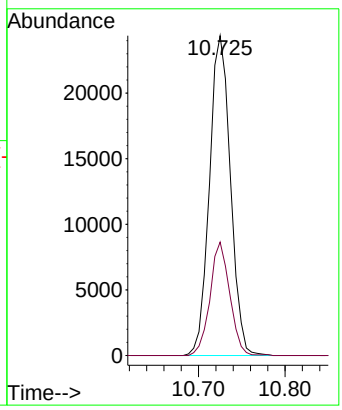


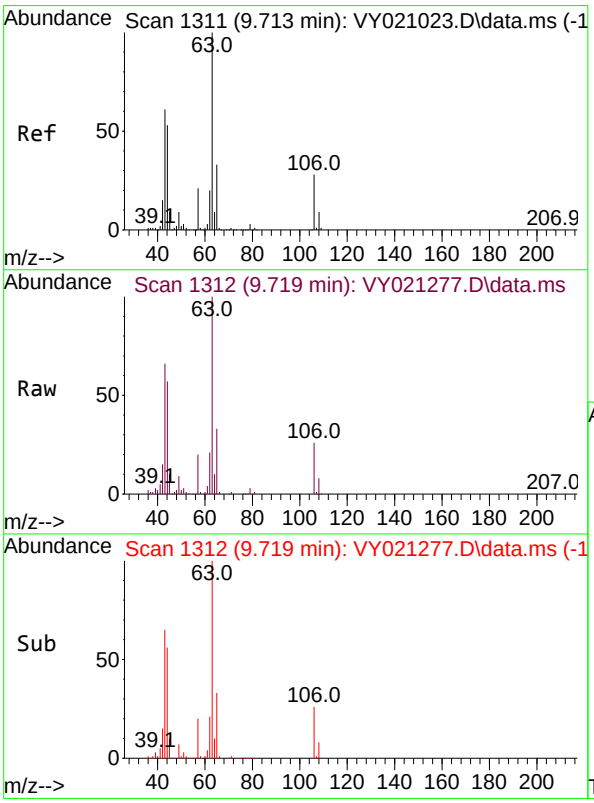
#57
1,3-Dichloropropane
Concen: 22.249 ug/l
RT: 10.725 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion: 76 Resp: 41091

Ion	Ratio	Lower	Upper
76	100		
78	33.4	26.1	39.1

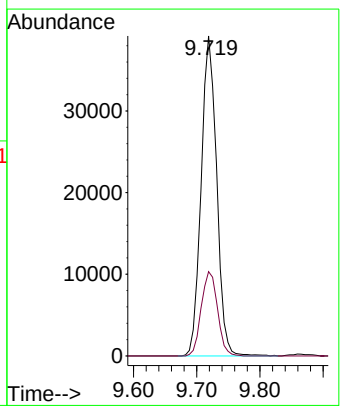


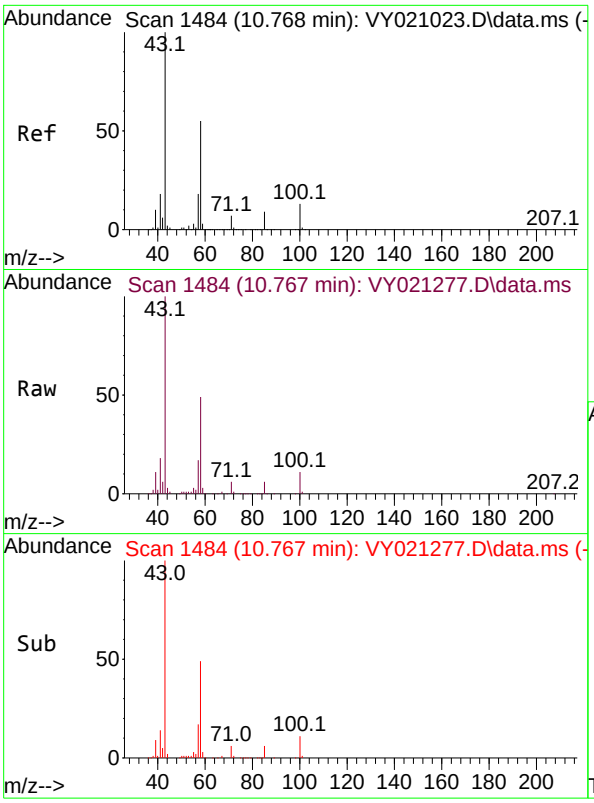


#58
2-Chloroethyl Vinyl ether
Concen: 97.833 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 63 Resp: 66439

Ion	Ratio	Lower	Upper
63	100		
106	27.5	22.4	33.6



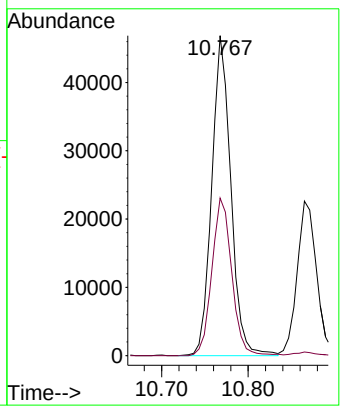


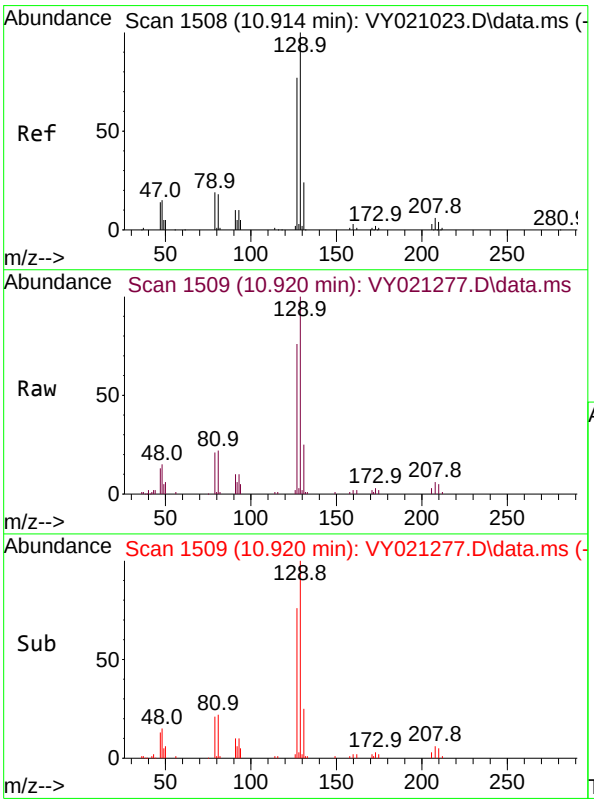
#59
2-Hexanone
Concen: 119.221 ug/l
RT: 10.767 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion: 43 Resp: 71893

Ion	Ratio	Lower	Upper
43	100		
58	51.2	28.1	84.3

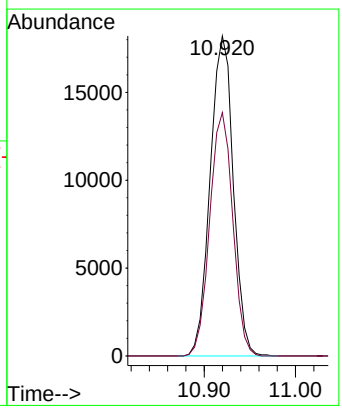


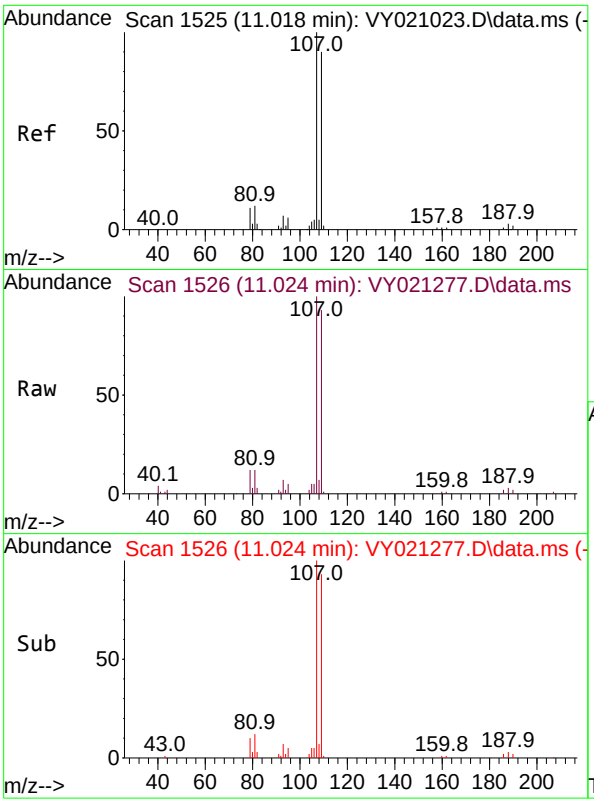


#60
Dibromochloromethane
Concen: 21.347 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:129 Resp: 31988

Ion	Ratio	Lower	Upper
129	100		
127	75.7	39.2	117.6



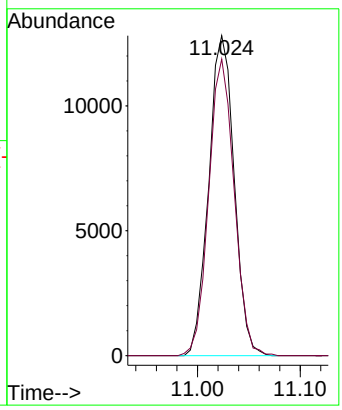


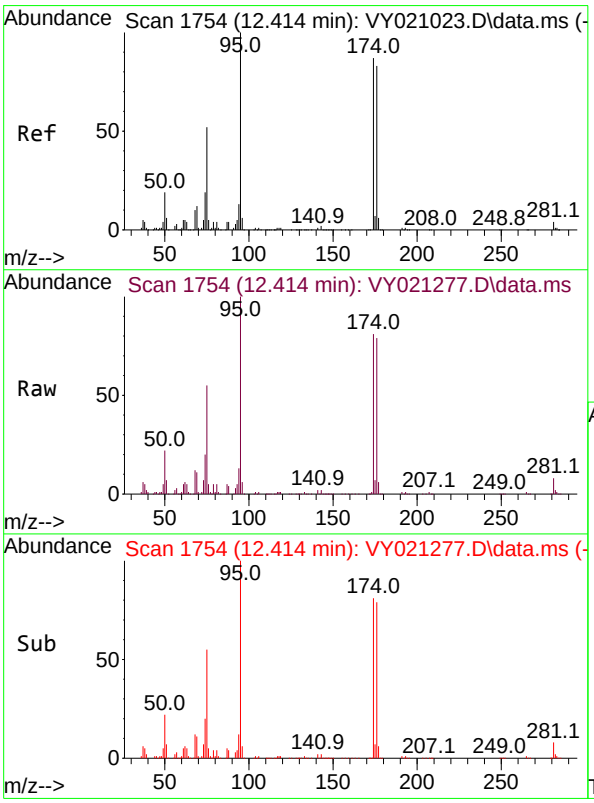
#61
1,2-Dibromoethane
Concen: 22.073 ug/l
RT: 11.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion:107 Resp: 22061

Ion	Ratio	Lower	Upper
107	100		
109	92.4	75.4	113.2

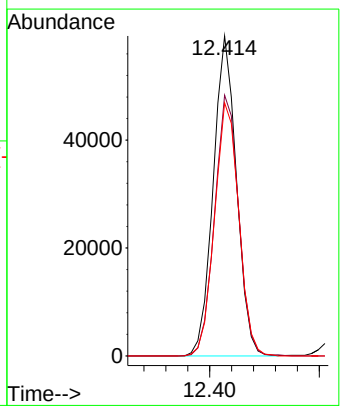


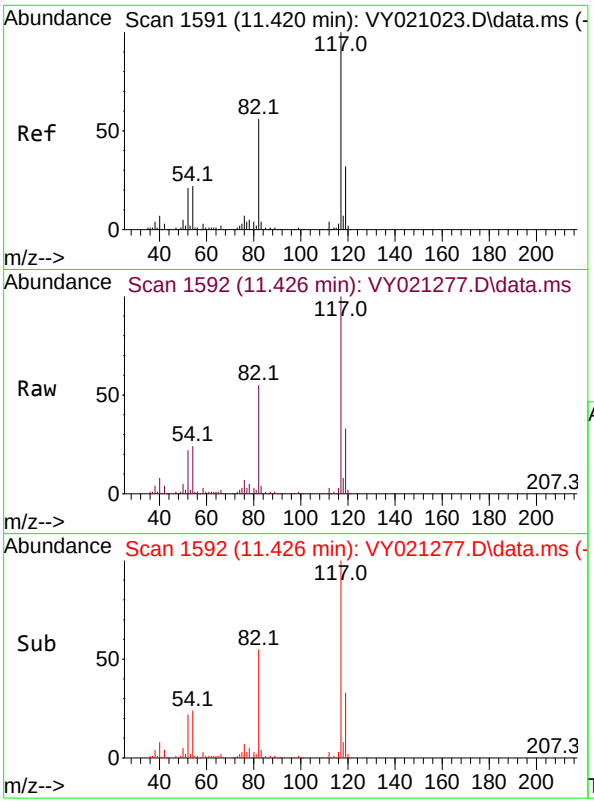


#62
4-Bromofluorobenzene
Concen: 48.693 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 95 Resp: 87361

Ion	Ratio	Lower	Upper
95	100		
174	83.9	0.0	160.0
176	82.4	0.0	151.8



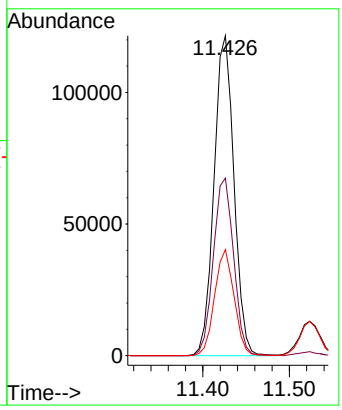


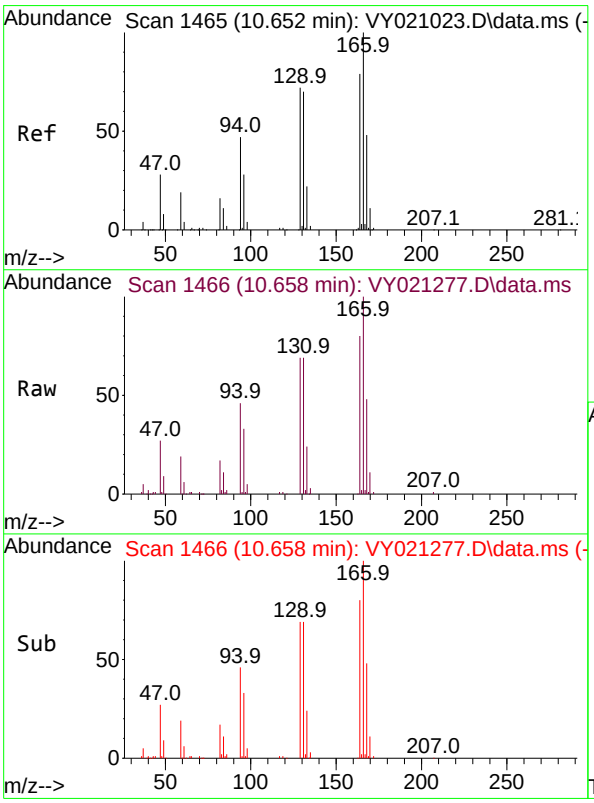
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion:117 Resp: 194706

Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.8	65.8
119	33.1	26.5	39.7

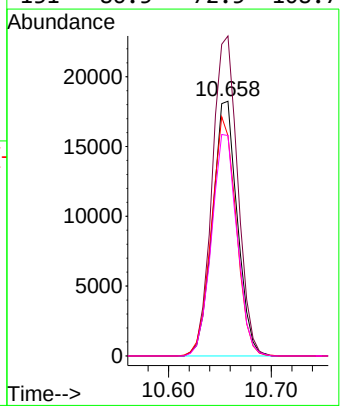


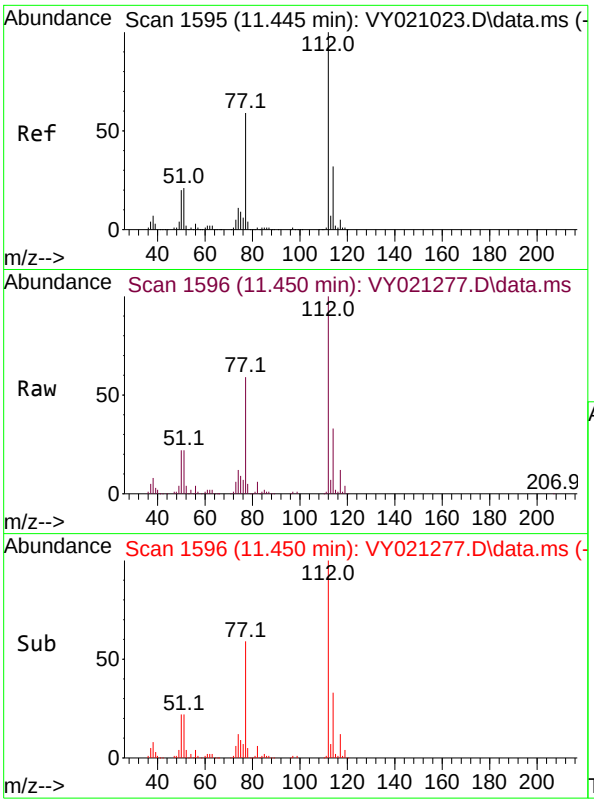


#64
Tetrachloroethene
Concen: 21.248 ug/l
RT: 10.658 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:164 Resp: 30712

Ion	Ratio	Lower	Upper
164	100		
166	125.6	98.8	148.2
129	86.5	78.9	118.3
131	86.5	72.5	108.7



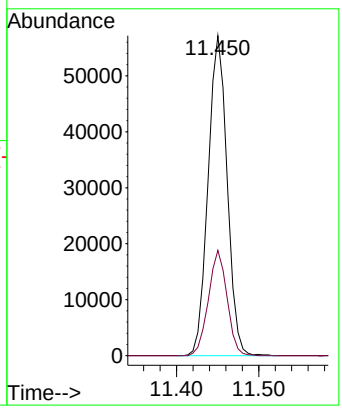


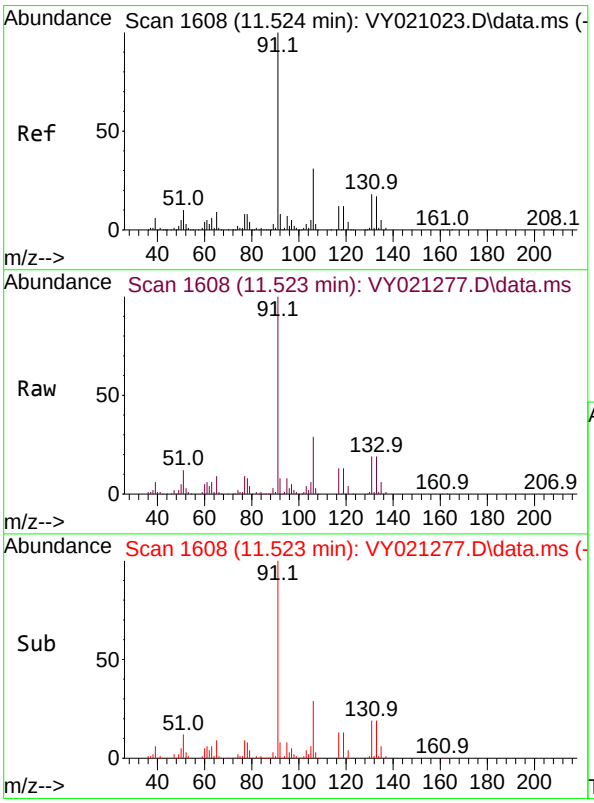
#65
Chlorobenzene
Concen: 21.200 ug/l
RT: 11.450 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion:112 Resp: 91911

Ion	Ratio	Lower	Upper
112	100		
114	32.9	26.1	39.1

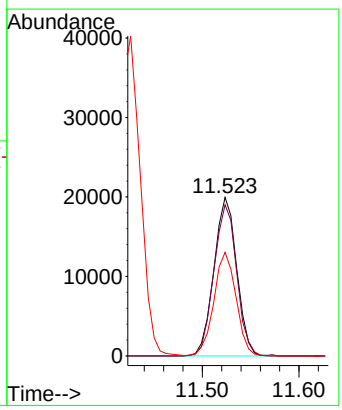


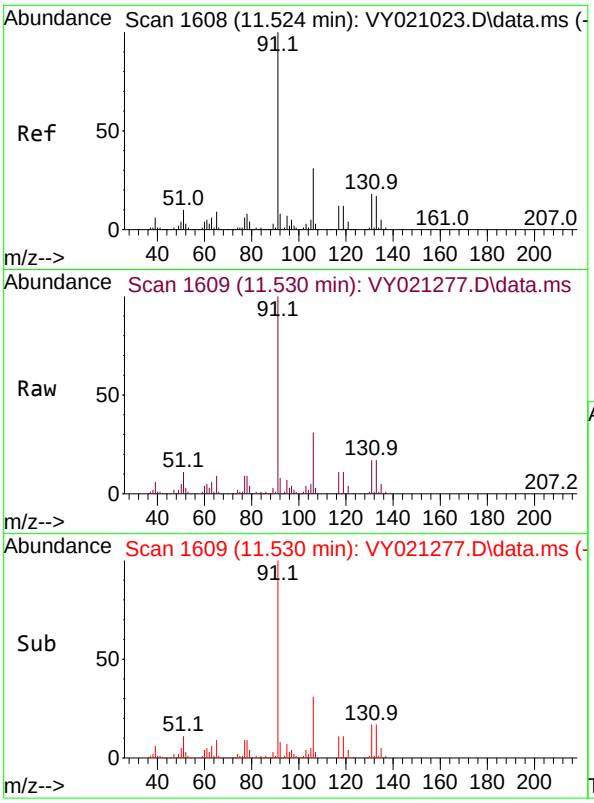


#66
1,1,1,2-Tetrachloroethane
Concen: 21.186 ug/l
RT: 11.523 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:131 Resp: 32642

Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.0	141.0
119	63.7	33.3	99.9



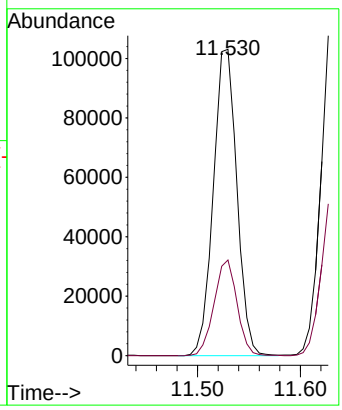


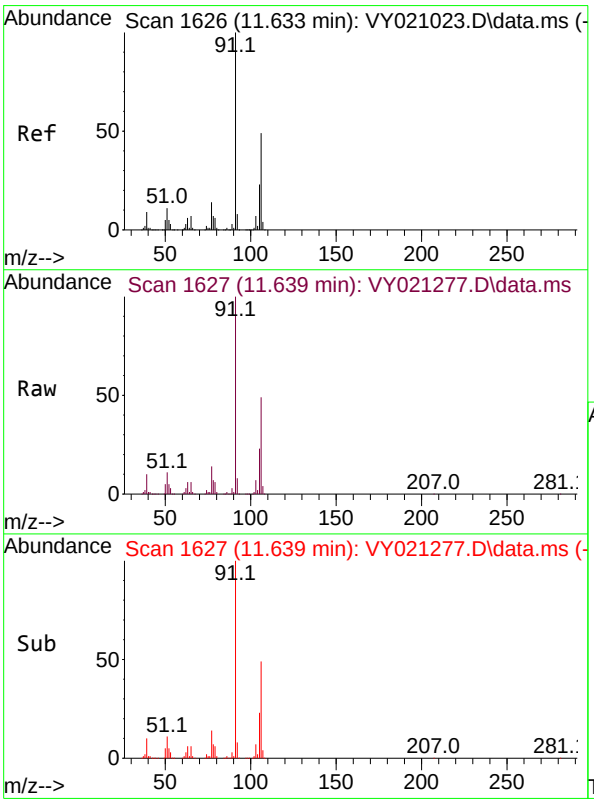
#67
Ethyl Benzene
Concen: 21.438 ug/l
RT: 11.530 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion: 91 Resp: 164390

Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.0	37.4

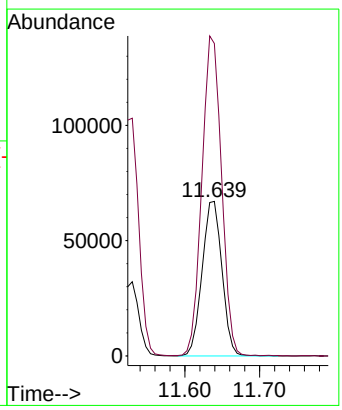


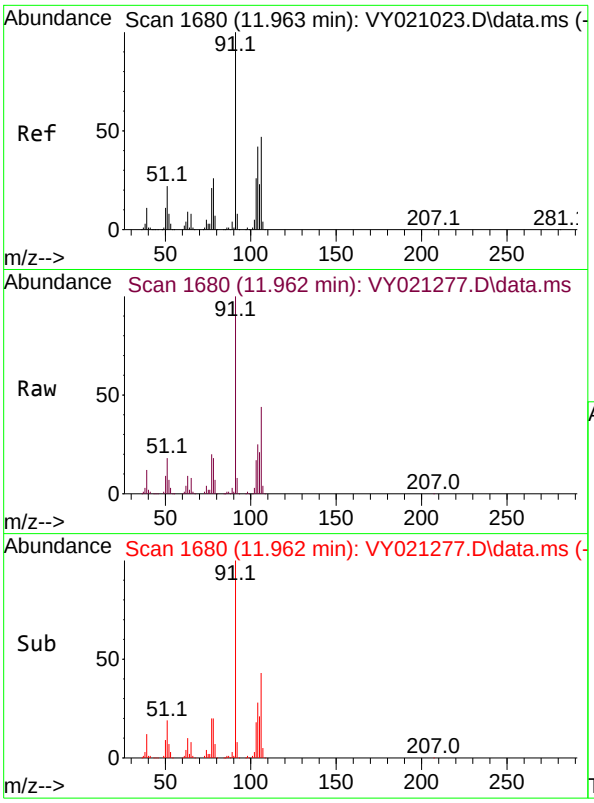


#68
m/p-Xylenes
Concen: 43.015 ug/l
RT: 11.639 min Scan# 1627
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:106 Resp: 123398

Ion	Ratio	Lower	Upper
106	100		
91	204.8	160.7	241.1



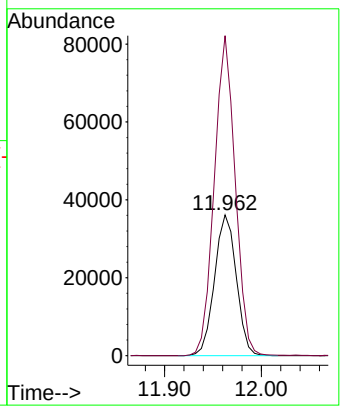


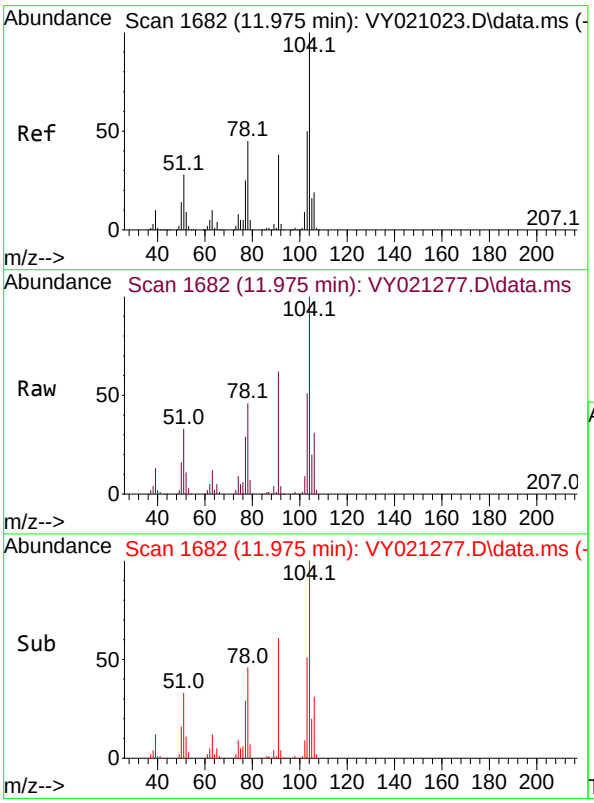
#69
o-Xylene
Concen: 21.175 ug/l
RT: 11.962 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion:106 Resp: 56634

Ion	Ratio	Lower	Upper
106	100		
91	218.4	106.5	319.5

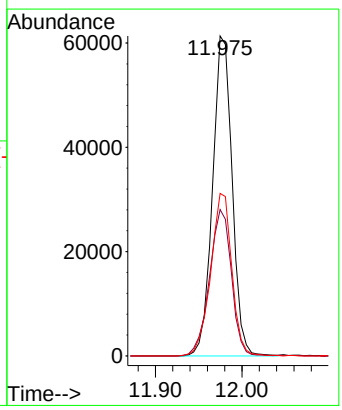


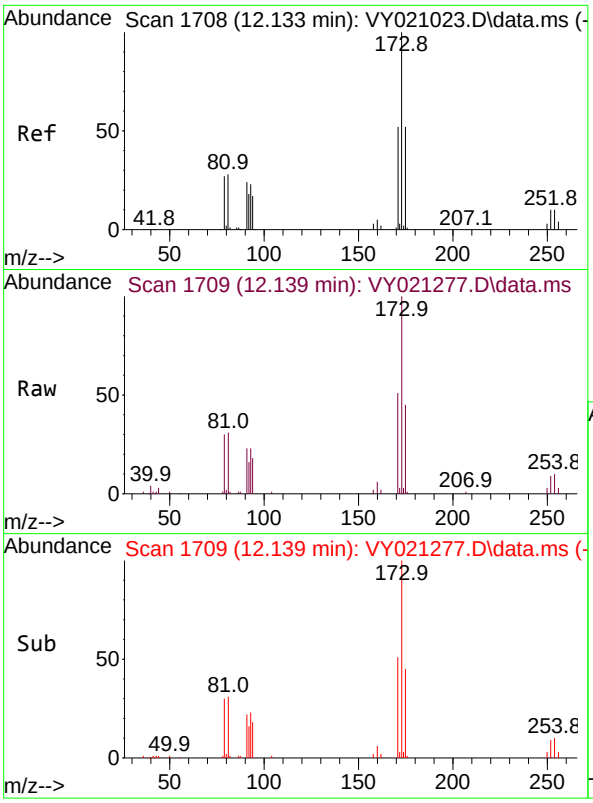


#70
Styrene
Concen: 21.667 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:104 Resp: 96585

Ion	Ratio	Lower	Upper
104	100		
78	51.2	39.2	58.8
103	54.8	43.8	65.6



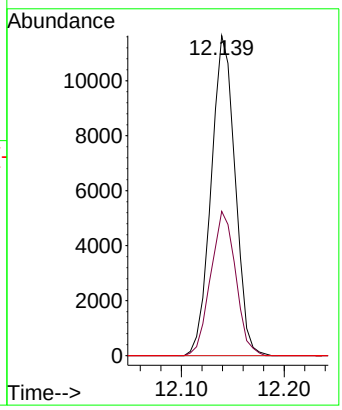


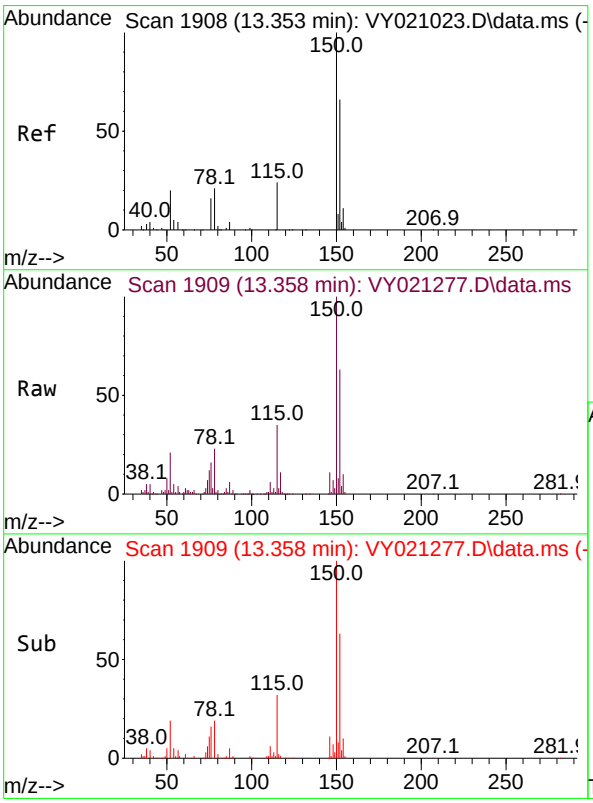
#71
Bromoform
Concen: 21.969 ug/l
RT: 12.139 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion:173 Resp: 18840

Ion	Ratio	Lower	Upper
173	100		
175	47.0	23.5	70.6
254	0.0	0.0	0.0

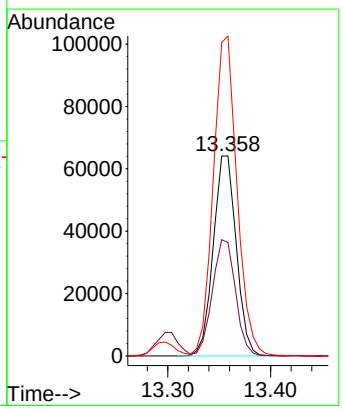


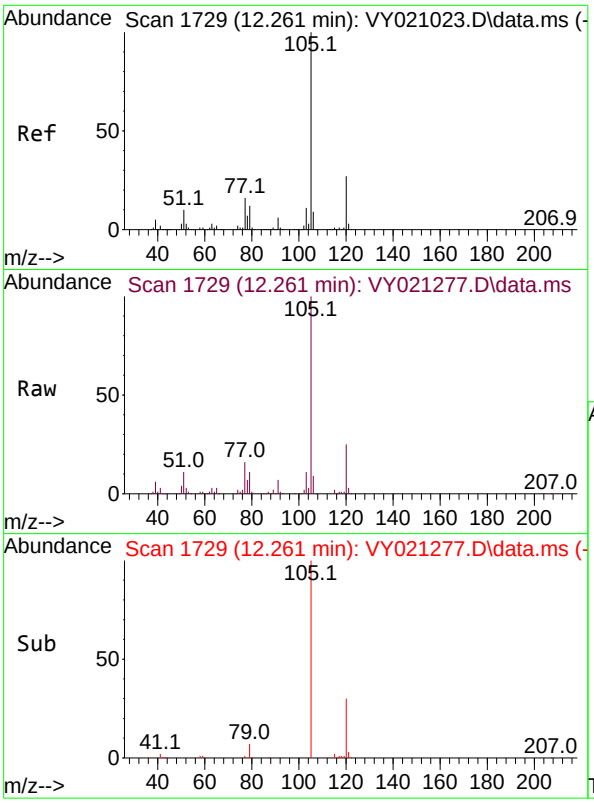


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.358 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:152 Resp: 99790

Ion	Ratio	Lower	Upper
152	100		
115	58.5	30.0	90.0
150	164.7	0.0	344.6



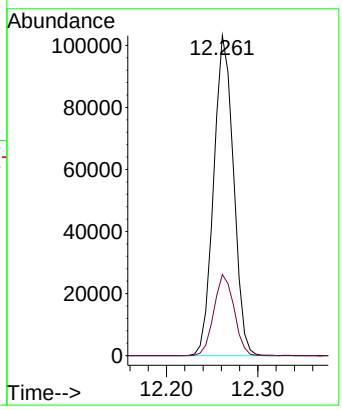


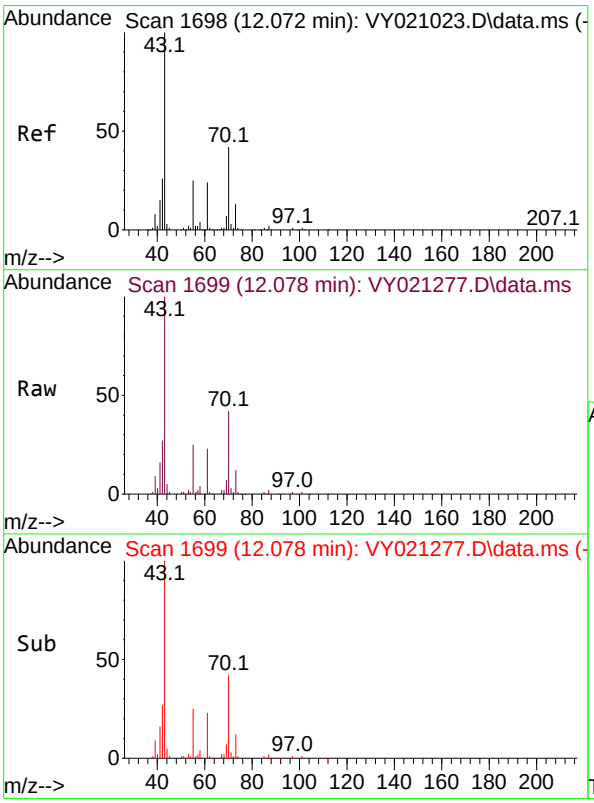
#73
Isopropylbenzene
Concen: 19.951 ug/l
RT: 12.261 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion:105 Resp: 155520

Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.0	39.0

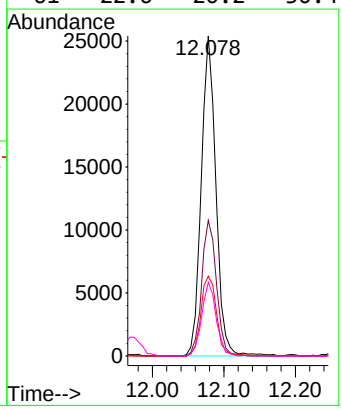


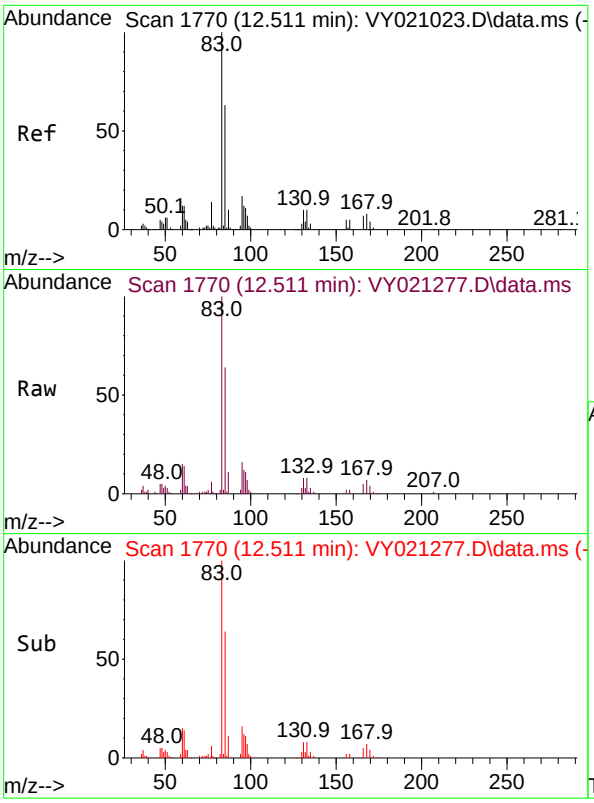


#74
N-amyl acetate
Concen: 21.227 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 43 Resp: 36176

Ion	Ratio	Lower	Upper
43	100		
70	42.6	36.6	55.0
55	26.4	22.2	33.4
61	22.6	20.2	30.4



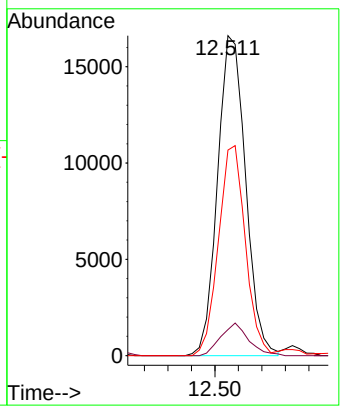


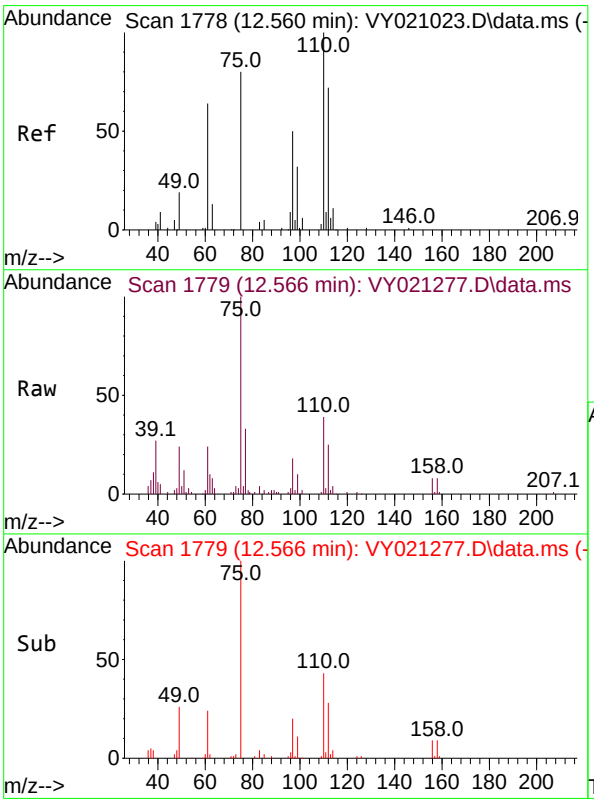
#75
1,1,2,2-Tetrachloroethane
Concen: 21.254 ug/l
RT: 12.511 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion: 83 Resp: 27554

Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.9	14.6
85	63.2	32.6	98.0

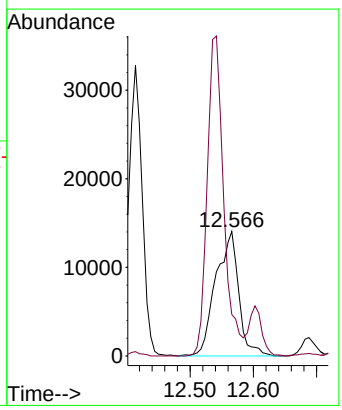


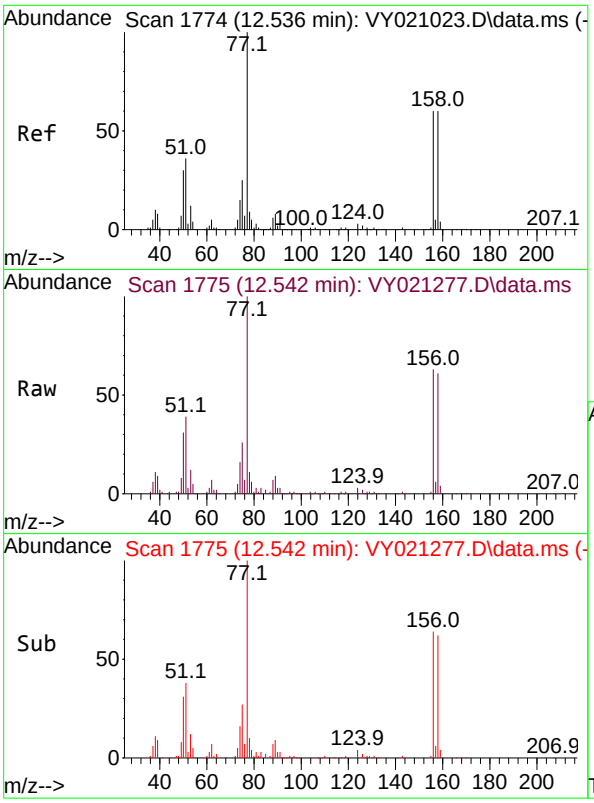


#76
1,2,3-Trichloropropane
Concen: 39.244 ug/l
RT: 12.566 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 75 Resp: 35524

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



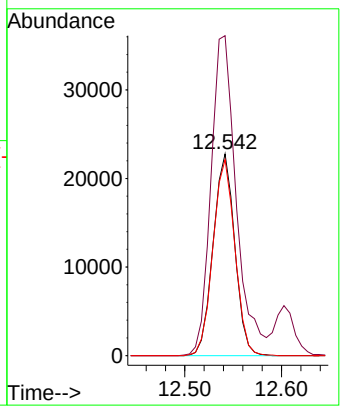


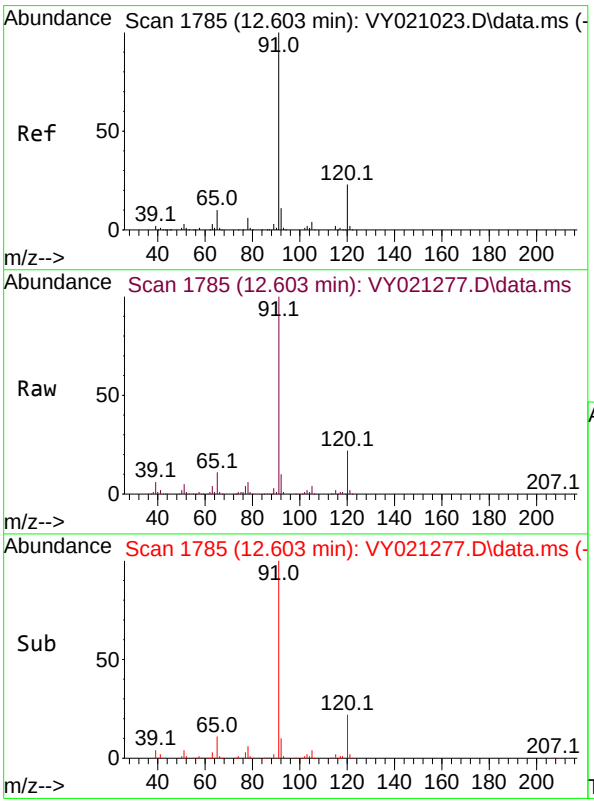
#77
Bromobenzene
Concen: 19.653 ug/l
RT: 12.542 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion:156 Resp: 35353

Ion	Ratio	Lower	Upper
156	100		
77	186.1	97.3	291.8
158	98.6	48.4	145.0

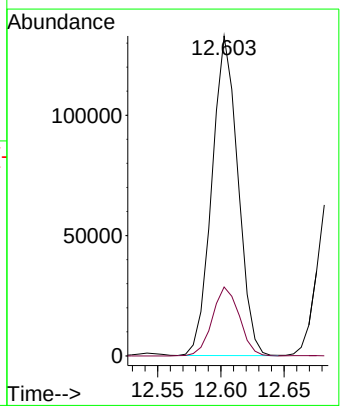


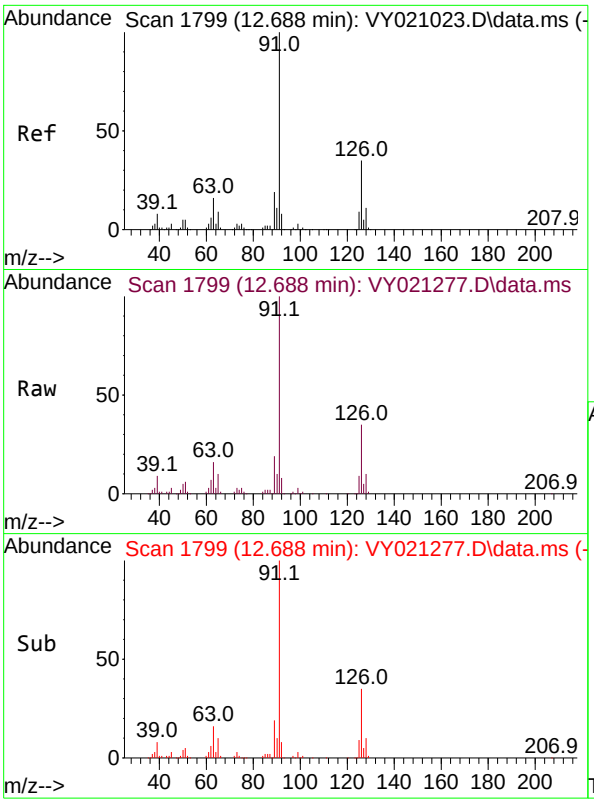


#78
n-propylbenzene
Concen: 20.542 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 91 Resp: 190748

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.0	33.0



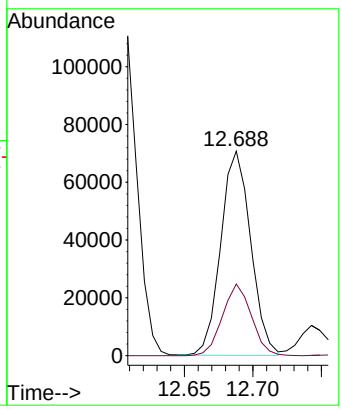


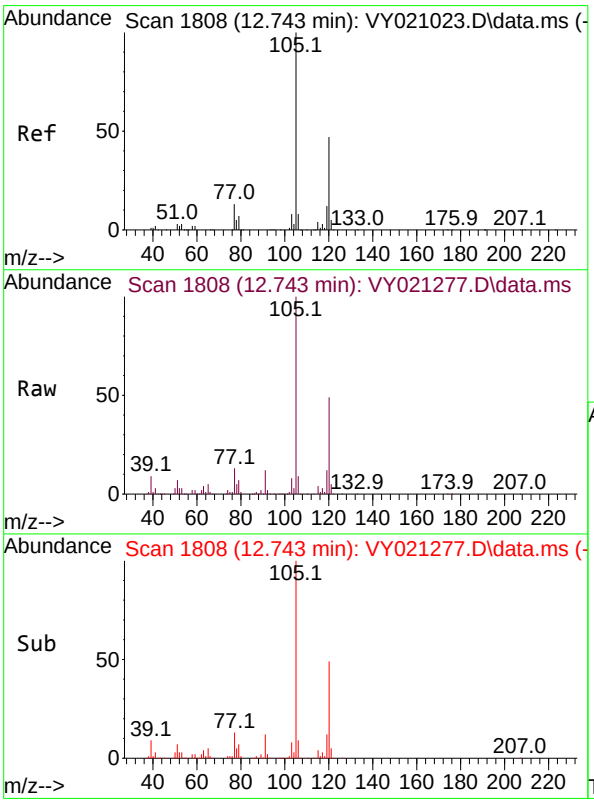
#79
2-Chlorotoluene
Concen: 20.232 ug/l
RT: 12.688 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion: 91 Resp: 107600

Ion	Ratio	Lower	Upper
91	100		
126	33.7	17.0	51.0

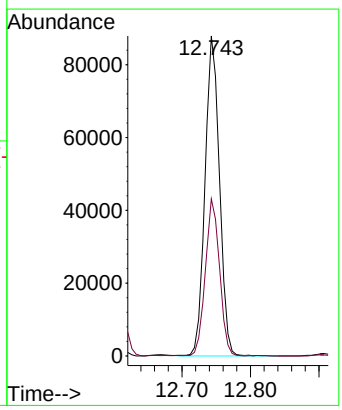


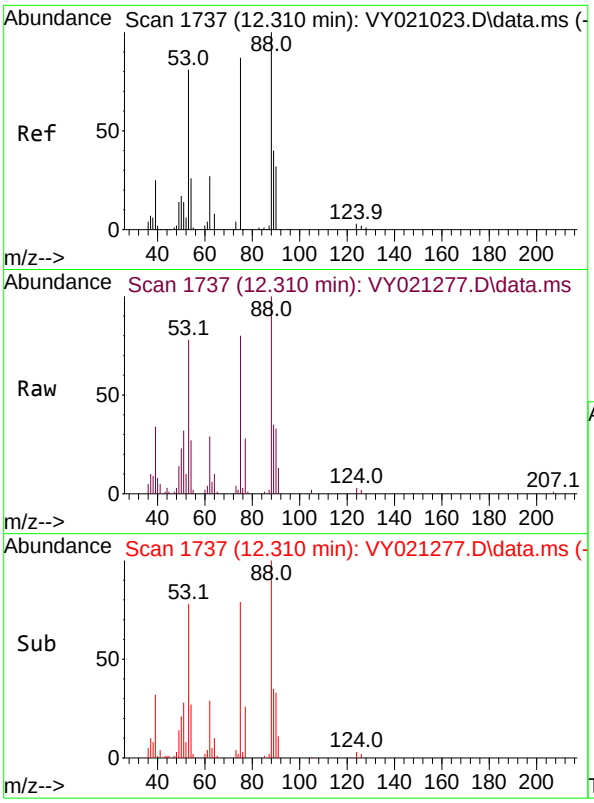


#80
1,3,5-Trimethylbenzene
Concen: 20.268 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:105 Resp: 128095

Ion	Ratio	Lower	Upper
105	100		
120	48.2	24.3	72.8



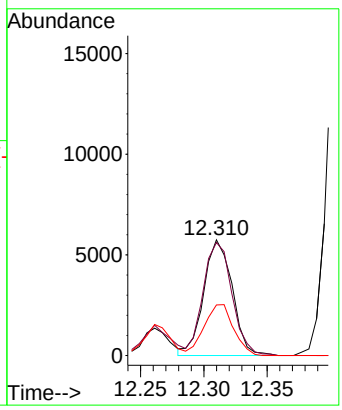


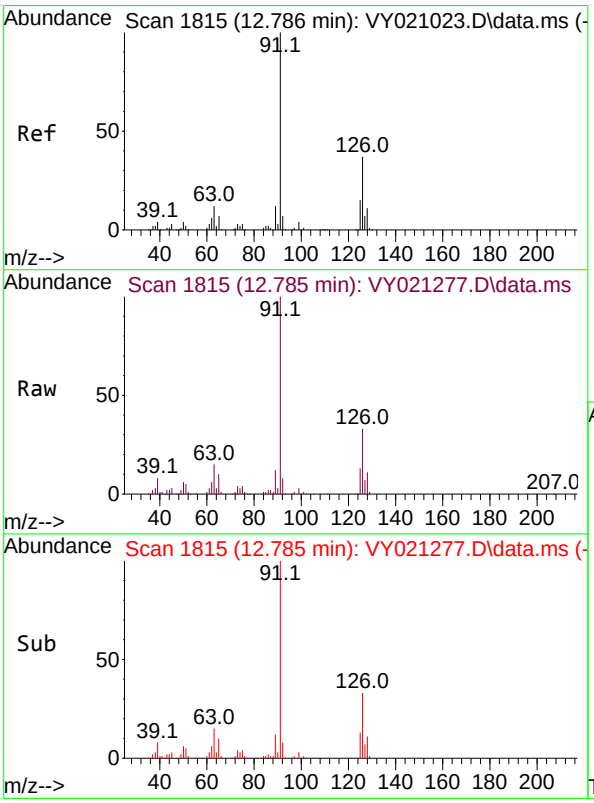
#81
trans-1,4-Dichloro-2-butene
Concen: 20.400 ug/l
RT: 12.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion: 75 Resp: 9050

Ion	Ratio	Lower	Upper
75	100		
53	98.6	74.0	111.0
89	45.3	36.5	54.7

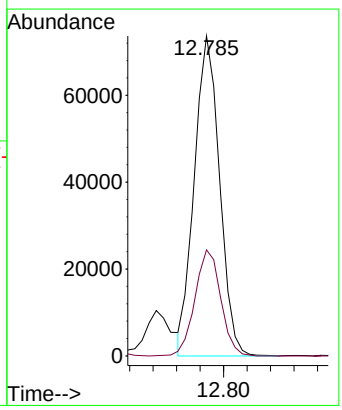


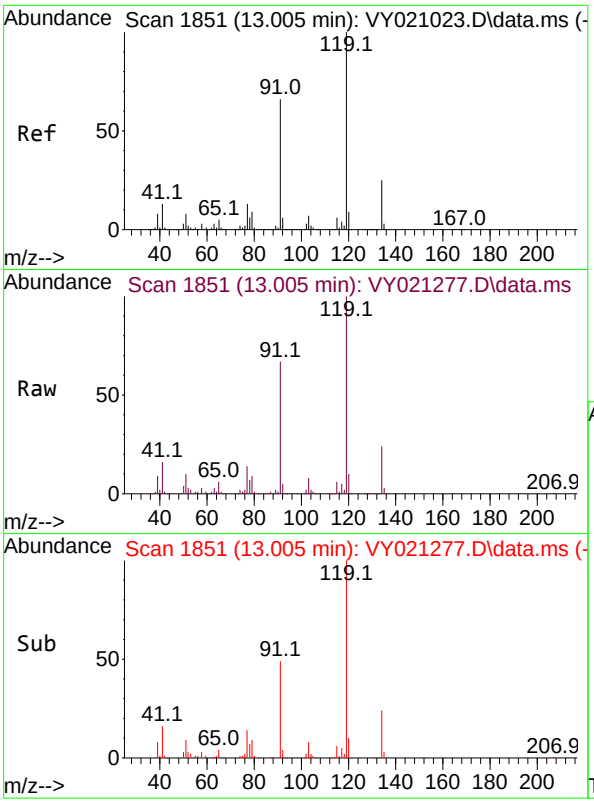


#82
4-Chlorotoluene
Concen: 20.264 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 91 Resp: 109802

Ion	Ratio	Lower	Upper
91	100		
126	33.8	17.1	51.2



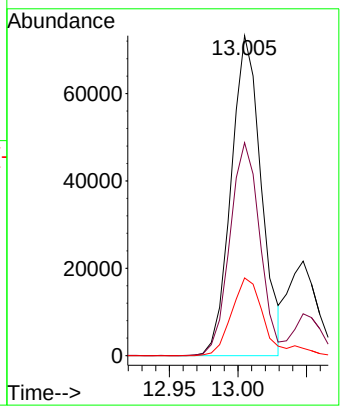


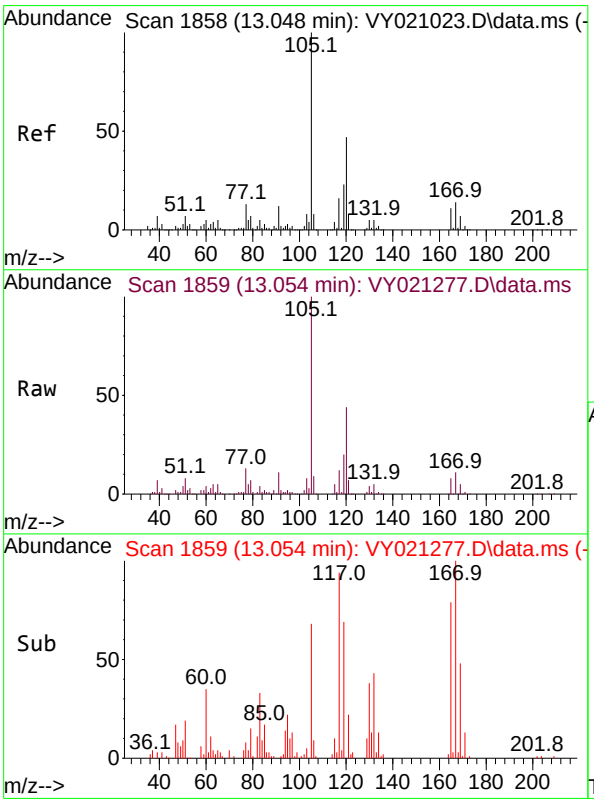
#83
tert-Butylbenzene
Concen: 19.511 ug/l
RT: 13.005 min Scan# 18
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion:119 Resp: 112082

Ion	Ratio	Lower	Upper
119	100		
91	67.1	31.5	94.5
134	26.8	13.1	39.3

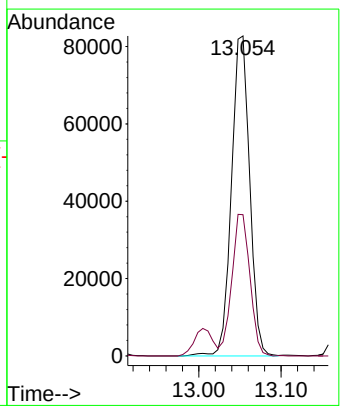


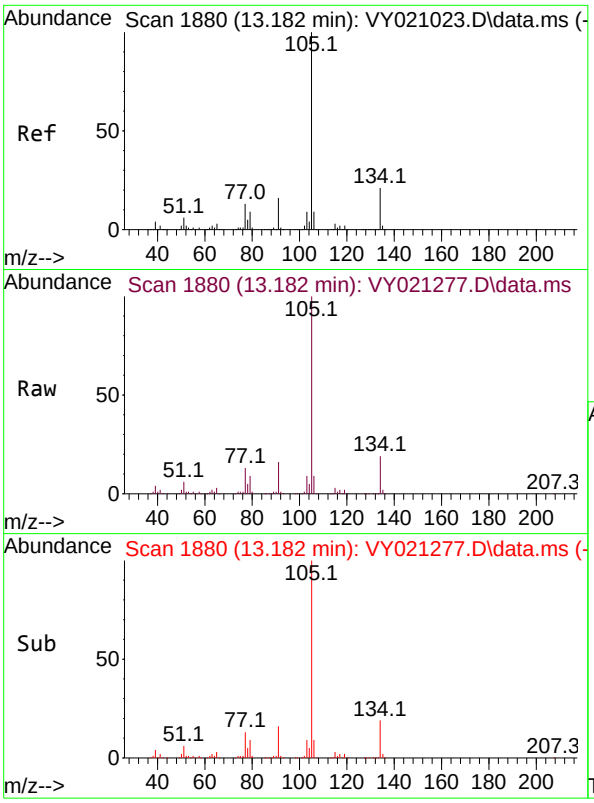


#84
1,2,4-Trimethylbenzene
Concen: 20.551 ug/l
RT: 13.054 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:105 Resp: 126991

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.3



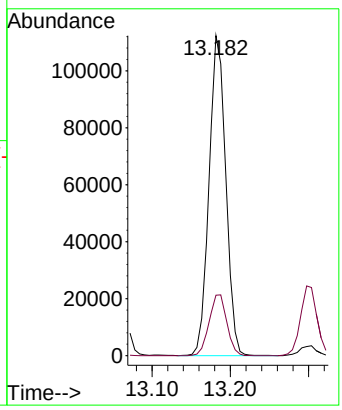


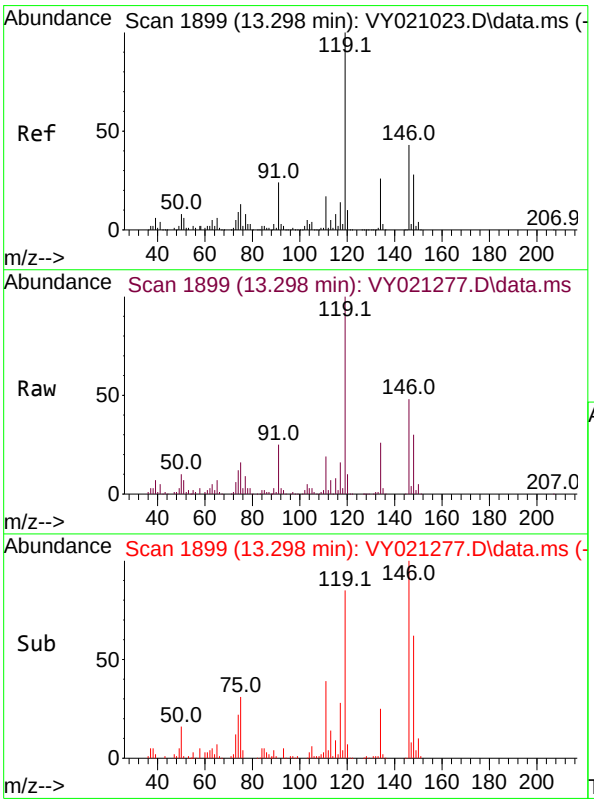
#85
sec-Butylbenzene
Concen: 20.216 ug/l
RT: 13.182 min Scan# 18
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion:105 Resp: 167172

Ion	Ratio	Lower	Upper
105	100		
134	20.0	9.7	28.9

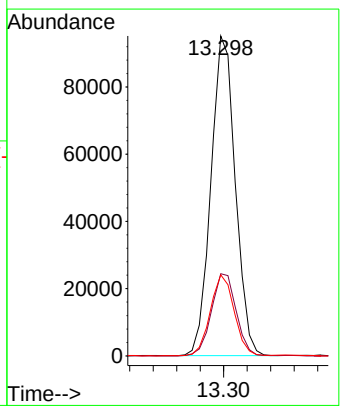


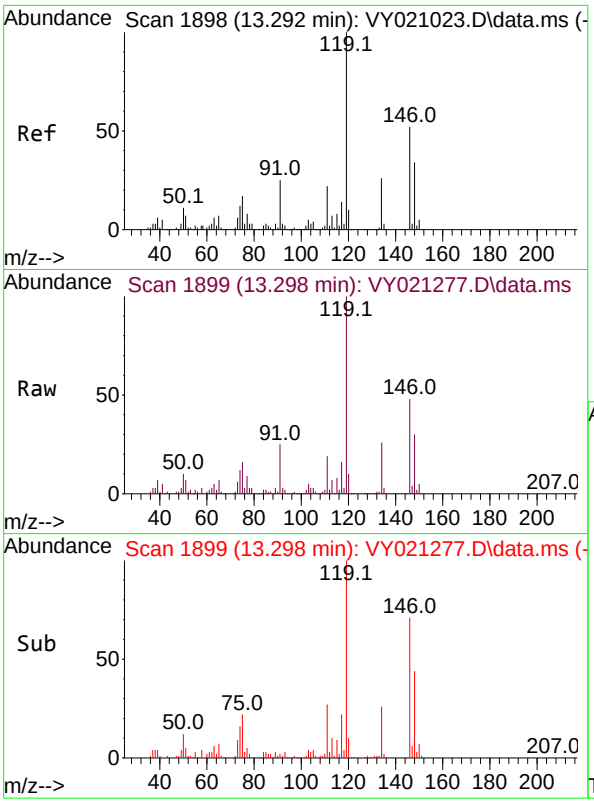


#86
p-Isopropyltoluene
Concen: 19.952 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:119 Resp: 137051

Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.1	39.1
91	25.0	11.7	35.0



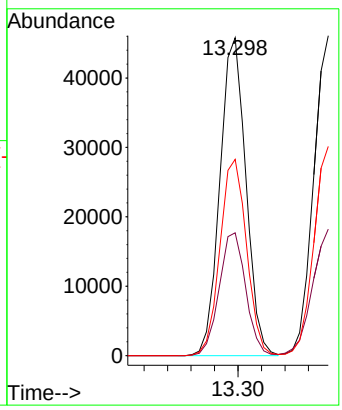


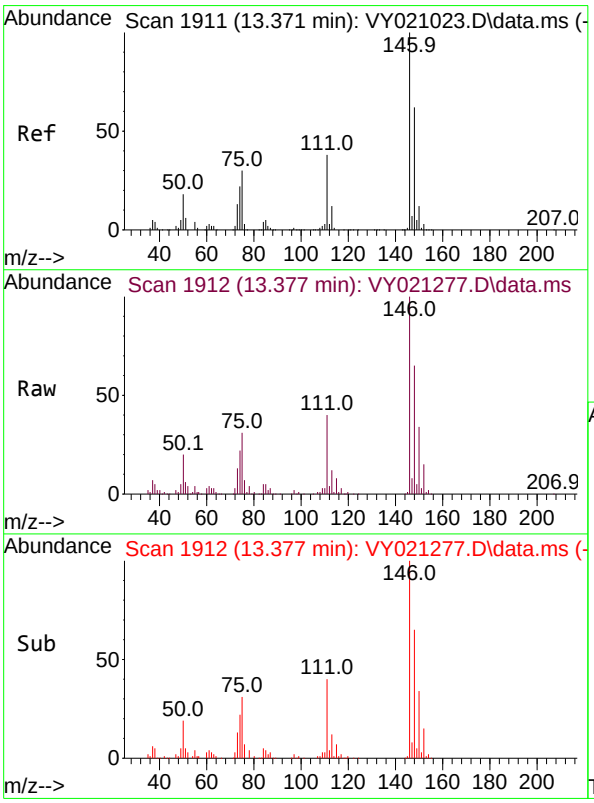
#87
1,3-Dichlorobenzene
Concen: 20.259 ug/l
RT: 13.298 min Scan# 18
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion:146 Resp: 70365

Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.2	60.5
148	63.2	31.9	95.9

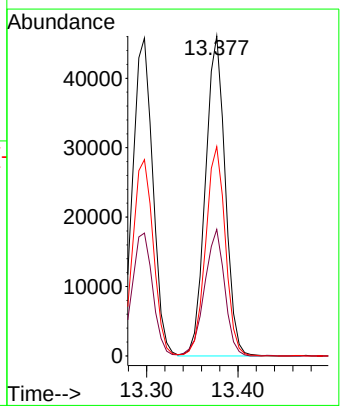


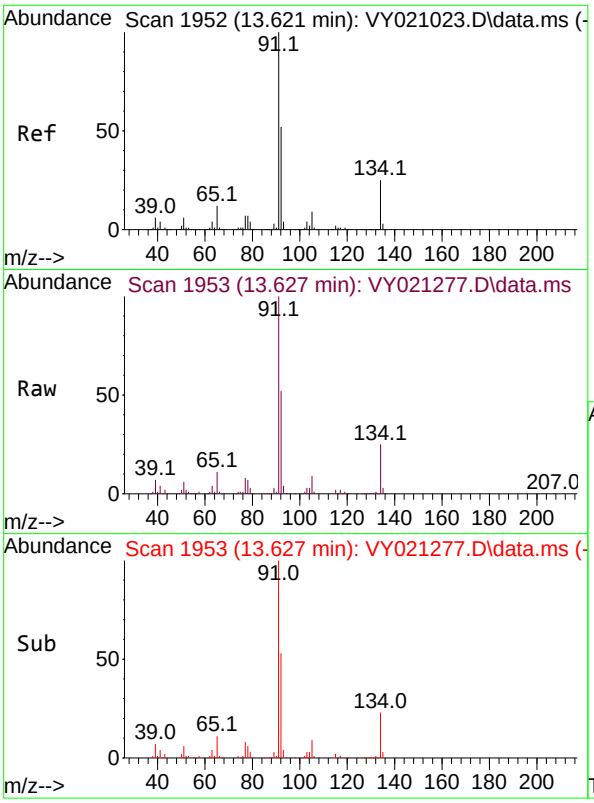


#88
1,4-Dichlorobenzene
Concen: 20.261 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:146 Resp: 69289

Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.3	57.9
148	65.3	31.6	94.7



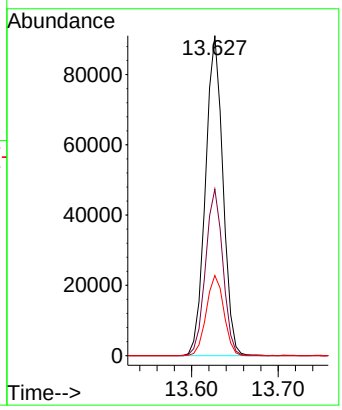


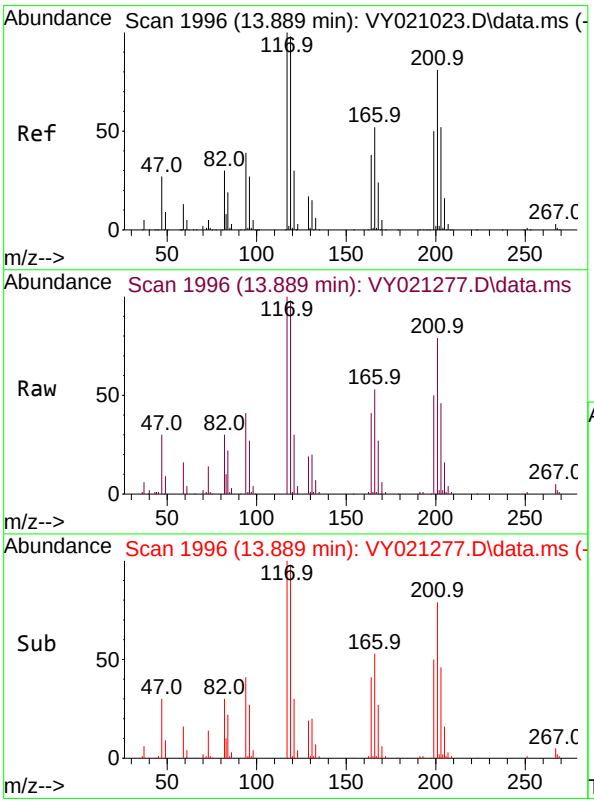
#89
n-Butylbenzene
Concen: 20.348 ug/l
RT: 13.627 min Scan# 19
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion: 91 Resp: 127507

Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.4	79.2
134	25.2	12.3	36.8

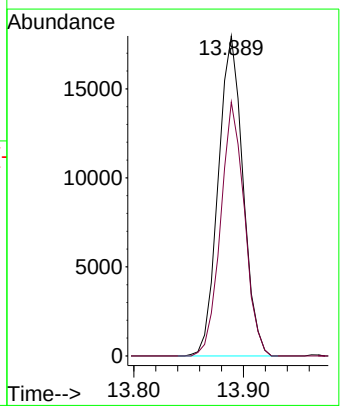


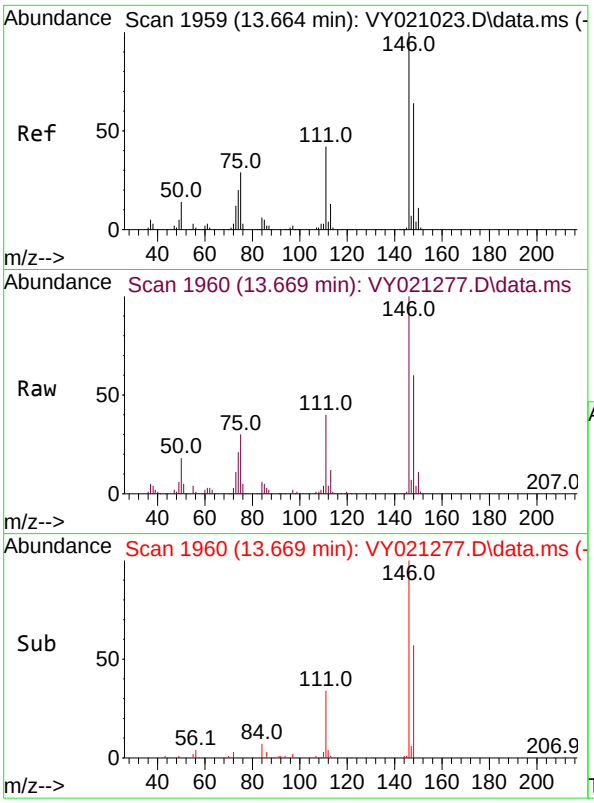


#90
Hexachloroethane
Concen: 19.622 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:117 Resp: 28118

Ion	Ratio	Lower	Upper
117	100		
201	76.4	33.4	100.1



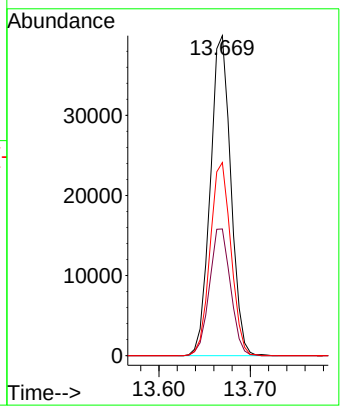


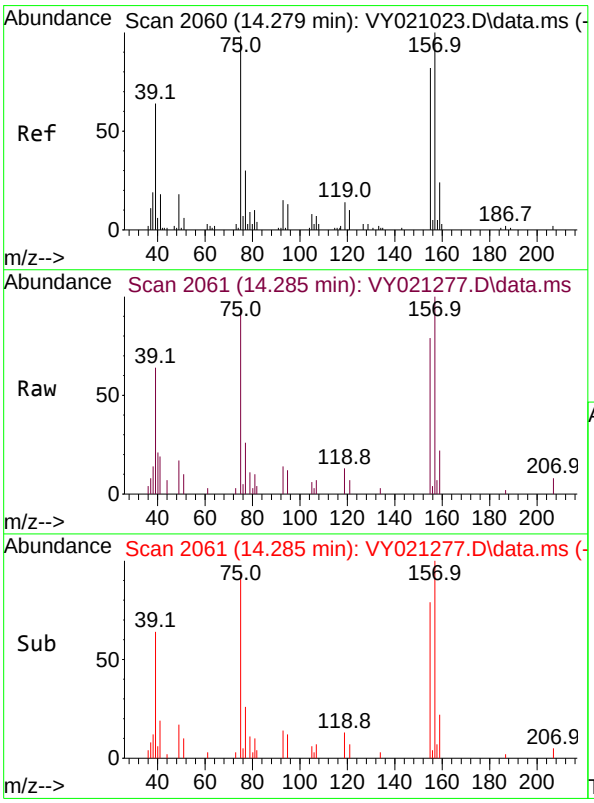
#91
1,2-Dichlorobenzene
Concen: 20.681 ug/l
RT: 13.669 min Scan# 19
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion:146 Resp: 62345

Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.5	61.6
148	61.3	31.4	94.3

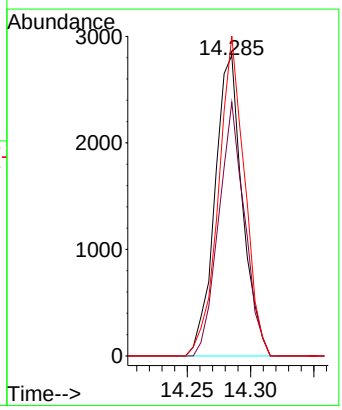


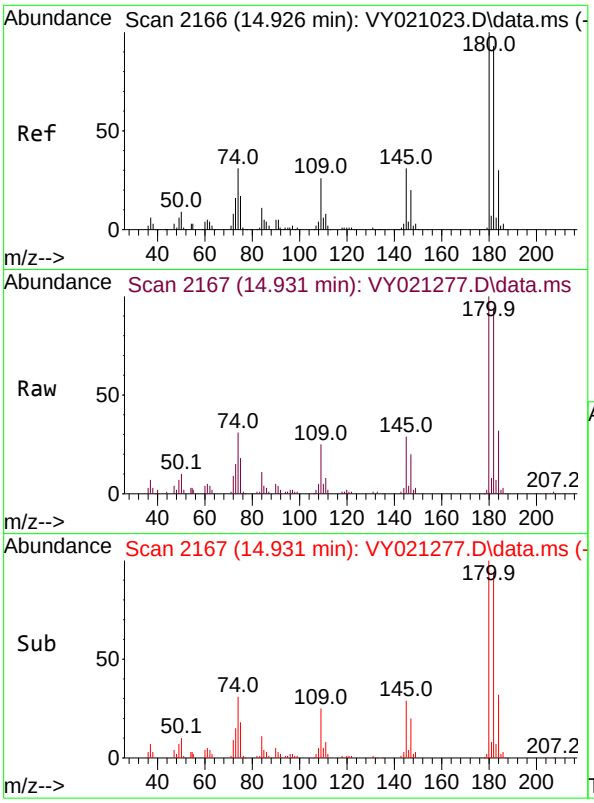


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.077 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion: 75 Resp: 4277

Ion	Ratio	Lower	Upper
75	100		
155	79.1	42.1	126.3
157	100.5	55.8	167.4



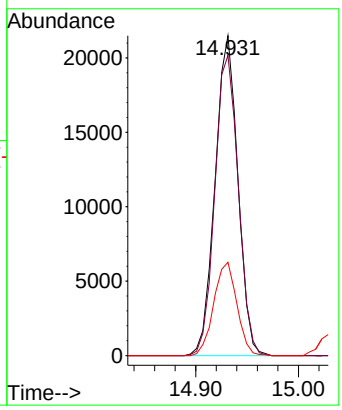


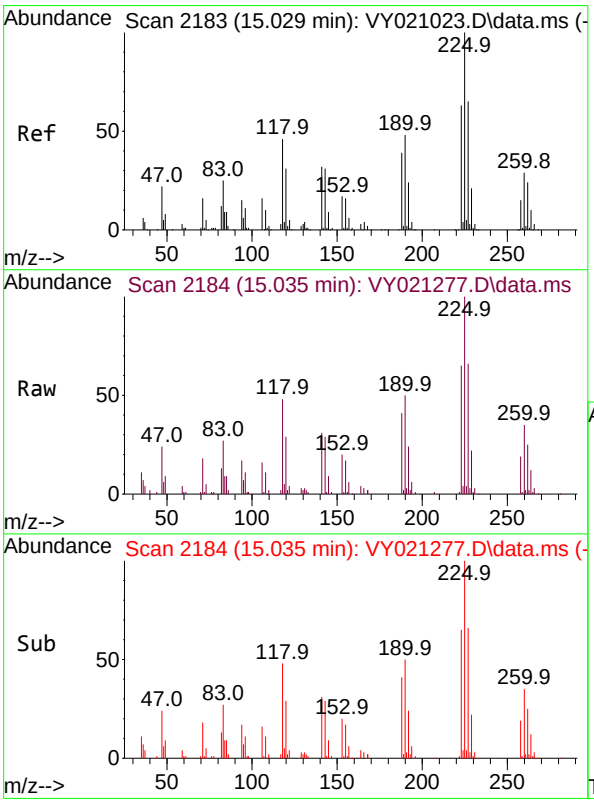
#93
1,2,4-Trichlorobenzene
Concen: 19.770 ug/l
RT: 14.931 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion:180 Resp: 33174

Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.9	143.7
145	29.5	15.9	47.7

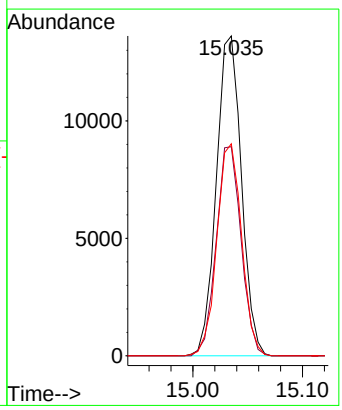


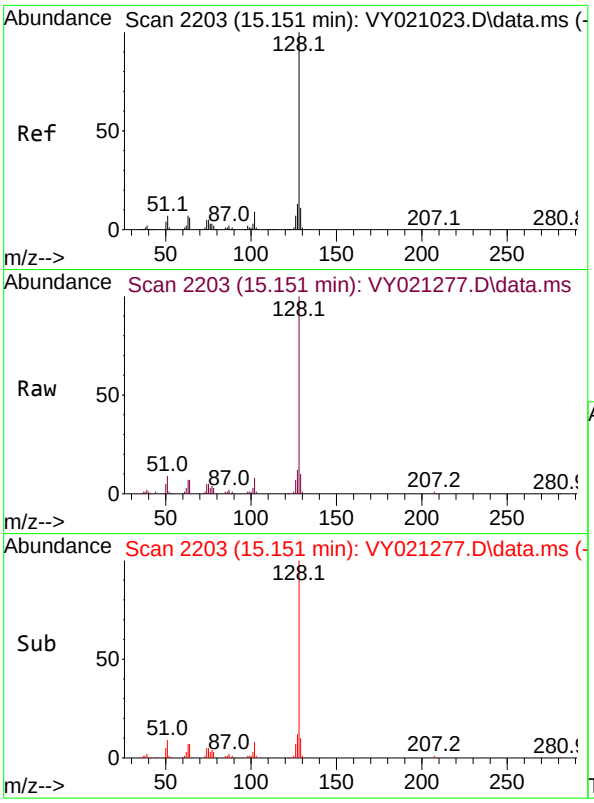


#94
Hexachlorobutadiene
Concen: 19.486 ug/l
RT: 15.035 min Scan# 2184
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:225 Resp: 21668

Ion	Ratio	Lower	Upper
225	100		
223	64.9	31.4	94.3
227	65.3	32.3	96.8



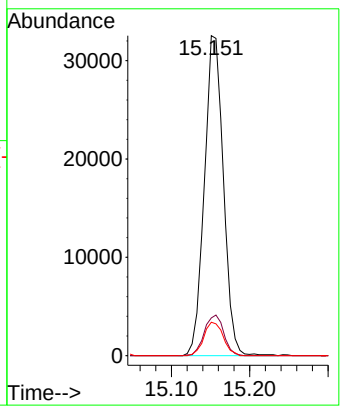


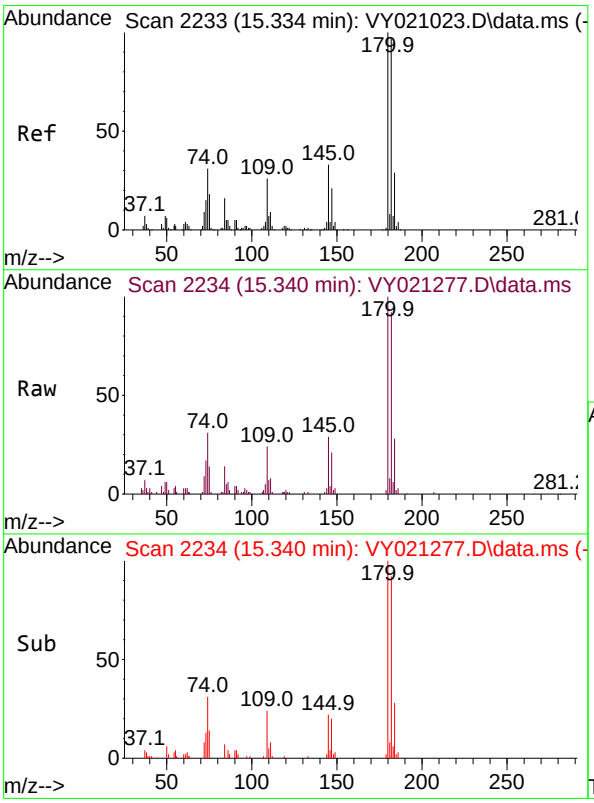
#95
Naphthalene
Concen: 20.504 ug/l
RT: 15.151 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tgt Ion:128 Resp: 55046

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.6	8.6	12.8

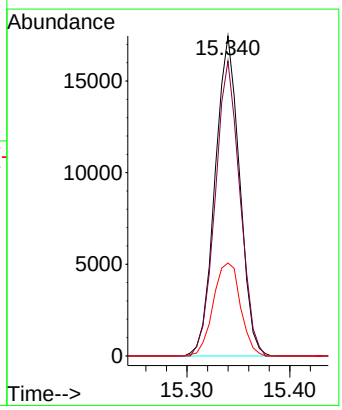




#96
1,2,3-Trichlorobenzene
Concen: 20.702 ug/l
RT: 15.340 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY021277.D
Acq: 21 Feb 2025 11:43

Tgt Ion:180 Resp: 28910

Ion	Ratio	Lower	Upper
180	100		
182	92.7	46.3	138.8
145	32.2	16.1	48.2



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021298.D
Acq On : 21 Feb 2025 20:27
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Feb 28 06:39:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.719	168	127702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	200243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	179395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	92699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	70818	54.125	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.260%			
35) Dibromofluoromethane	7.646	113	68028	53.011	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.020%			
50) Toluene-d8	10.115	98	253697	51.928	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.860%			
62) 4-Bromofluorobenzene	12.413	95	86427	54.149	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 108.300%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.866	85	48896	42.960	ug/l	96
3) Chloromethane	2.074	50	66978	59.635	ug/l	96
4) Vinyl Chloride	2.208	62	69742	61.693	ug/l	98
5) Bromomethane	2.604	94	43960	62.917	ug/l	99
6) Chloroethane	2.744	64	45841	68.120	ug/l	97
7) Trichlorofluoromethane	3.067	101	105628	51.288	ug/l	100
8) Diethyl Ether	3.464	74	32573	50.663	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.823	101	63248	48.931	ug/l	97
10) Methyl Iodide	4.012	142	70971	49.422	ug/l	92
11) Tert butyl alcohol	4.872	59	20115	226.865	ug/l	95
12) 1,1-Dichloroethene	3.799	96	58353	47.924	ug/l	86
13) Acrolein	3.659	56	14964	109.599	ug/l	100
14) Allyl chloride	4.397	41	107582	52.425	ug/l	90
15) Acrylonitrile	5.067	53	72547	270.971	ug/l	97
16) Acetone	3.884	43	54339	266.311	ug/l	95
17) Carbon Disulfide	4.116	76	163127	42.725	ug/l	100
18) Methyl Acetate	4.397	43	42032	58.681	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	164986	53.609	ug/l	98
20) Methylene Chloride	4.628	84	66140	52.142	ug/l	90
21) trans-1,2-Dichloroethene	5.128	96	65263	48.693	ug/l	88
22) Diisopropyl ether	6.030	45	245873	58.129	ug/l	98
23) Vinyl Acetate	5.969	43	664260	281.710	ug/l	96
24) 1,1-Dichloroethane	5.927	63	136272	54.988	ug/l	98
25) 2-Butanone	6.902	43	94486	281.796	ug/l	96
26) 2,2-Dichloropropane	6.896	77	110775	48.309	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	81165	52.612	ug/l	91
28) Bromochloromethane	7.256	49	55091	56.218	ug/l	94
29) Tetrahydrofuran	7.274	42	62499	275.466	ug/l	93
30) Chloroform	7.426	83	140070	55.027	ug/l	100
31) Cyclohexane	7.707	56	104105	46.649	ug/l	94
32) 1,1,1-Trichloroethane	7.628	97	123595	52.224	ug/l	98
36) 1,1-Dichloropropene	7.841	75	94379	49.653	ug/l	98
37) Ethyl Acetate	6.994	43	44845	53.780	ug/l	98
38) Carbon Tetrachloride	7.829	117	110409	49.712	ug/l	99
39) Methylcyclohexane	9.115	83	110205	47.400	ug/l	94
40) Benzene	8.085	78	291377	52.236	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021298.D
Acq On : 21 Feb 2025 20:27
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Feb 28 06:39:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.225	41	26453	54.835	ug/l		96
42) 1,2-Dichloroethane	8.164	62	84380	54.531	ug/l		97
43) Isopropyl Acetate	8.207	43	92566	55.868	ug/l	#	84
44) Trichloroethene	8.871	130	72094	50.025	ug/l		97
45) 1,2-Dichloropropane	9.146	63	72574	54.816	ug/l		96
46) Dibromomethane	9.237	93	38469	52.478	ug/l		98
47) Bromodichloromethane	9.432	83	107436	54.647	ug/l		96
48) Methyl methacrylate	9.225	41	42933	56.886	ug/l		87
49) 1,4-Dioxane	9.243	88	7570	1109.293	ug/l		93
51) 4-Methyl-2-Pentanone	10.005	43	240674	288.857	ug/l		95
52) Toluene	10.176	92	186882	53.357	ug/l		100
53) t-1,3-Dichloropropene	10.402	75	94918	53.768	ug/l		98
54) cis-1,3-Dichloropropene	9.859	75	112011	53.589	ug/l	#	88
55) 1,1,2-Trichloroethane	10.578	97	50770	53.484	ug/l		97
56) Ethyl methacrylate	10.444	69	69019	54.350	ug/l	#	84
57) 1,3-Dichloropropane	10.725	76	89268	54.331	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.719	63	154985	256.535	ug/l		99
59) 2-Hexanone	10.767	43	159168	296.700	ug/l		92
60) Dibromochloromethane	10.914	129	70461	52.855	ug/l		99
61) 1,2-Dibromoethane	11.023	107	46137	51.889	ug/l		100
64) Tetrachloroethene	10.651	164	63533	47.707	ug/l		96
65) Chlorobenzene	11.444	112	200342	50.154	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.523	131	73344	51.667	ug/l		98
67) Ethyl Benzene	11.523	91	361813	51.210	ug/l		100
68) m/p-Xylenes	11.633	106	271905	102.873	ug/l		98
69) o-Xylene	11.962	106	128186	52.018	ug/l		96
70) Styrene	11.974	104	220140	53.599	ug/l		98
71) Bromoform	12.139	173	40285	50.984	ug/l	#	99
73) Isopropylbenzene	12.261	105	346825	47.897	ug/l		99
74) N-amyl acetate	12.078	43	83623	52.822	ug/l		92
75) 1,1,2,2-Tetrachloroethane	12.511	83	57866	48.050	ug/l		100
76) 1,2,3-Trichloropropane	12.566	75	76878	91.424	ug/l	#	100
77) Bromobenzene	12.535	156	79189	47.390	ug/l		95
78) n-propylbenzene	12.602	91	421016	48.809	ug/l		99
79) 2-Chlorotoluene	12.688	91	238624	48.301	ug/l		100
80) 1,3,5-Trimethylbenzene	12.743	105	282926	48.192	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.310	75	18920	45.910	ug/l		92
82) 4-Chlorotoluene	12.785	91	245636	48.800	ug/l		99
83) tert-Butylbenzene	13.005	119	260345	48.787	ug/l		98
84) 1,2,4-Trimethylbenzene	13.047	105	284109	49.493	ug/l		99
85) sec-Butylbenzene	13.182	105	373628	48.640	ug/l		99
86) p-Isopropyltoluene	13.297	119	313085	49.066	ug/l		99
87) 1,3-Dichlorobenzene	13.291	146	158092	48.998	ug/l		99
88) 1,4-Dichlorobenzene	13.371	146	155677	49.004	ug/l		99
89) n-Butylbenzene	13.620	91	292709	50.284	ug/l		99
90) Hexachloroethane	13.889	117	65786	49.420	ug/l		87
91) 1,2-Dichlorobenzene	13.663	146	138923	49.608	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	8778	48.777	ug/l		96
93) 1,2,4-Trichlorobenzene	14.925	180	79651	51.098	ug/l		99
94) Hexachlorobutadiene	15.029	225	51673	50.024	ug/l		99
95) Naphthalene	15.151	128	135915	54.500	ug/l		99
96) 1,2,3-Trichlorobenzene	15.334	180	68173	52.553	ug/l		97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021298.D
Acq On : 21 Feb 2025 20:27
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Feb 28 06:39:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

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

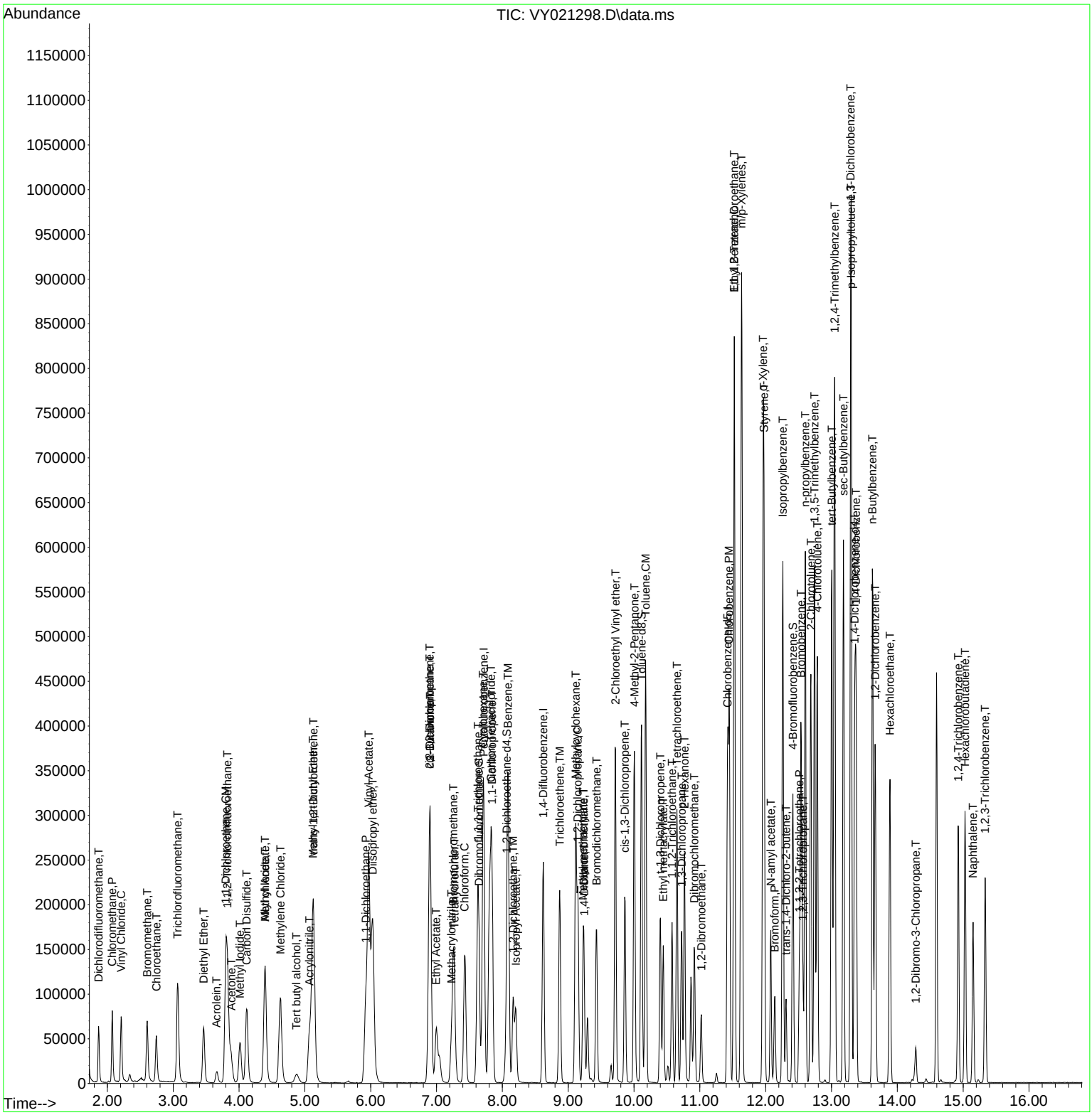
(#) = qualifier out of range (m) = manual integration (+) = signals summed

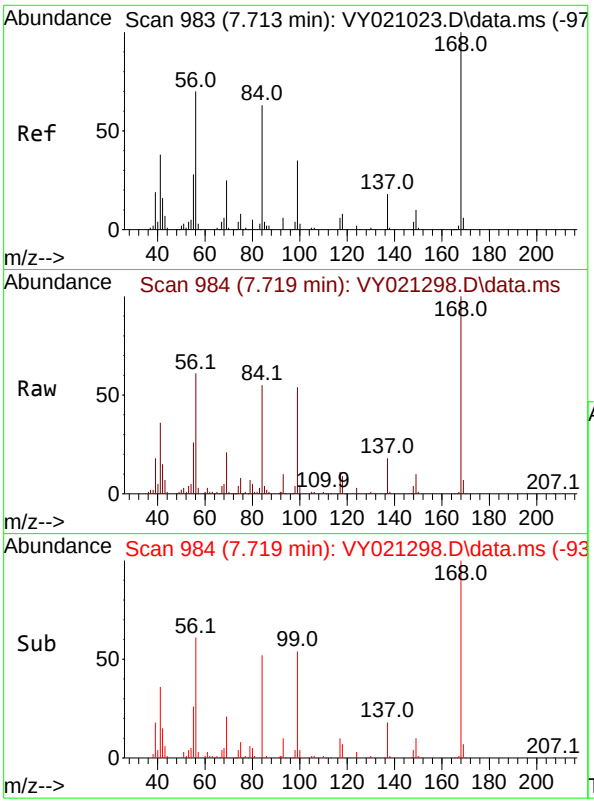
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021298.D
Acq On : 21 Feb 2025 20:27
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Feb 28 06:39:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration



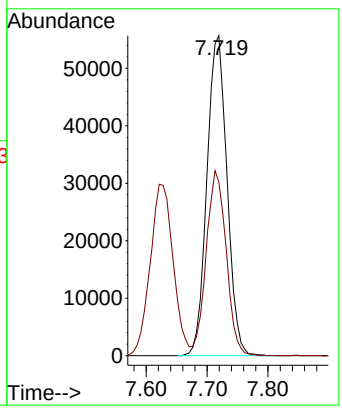


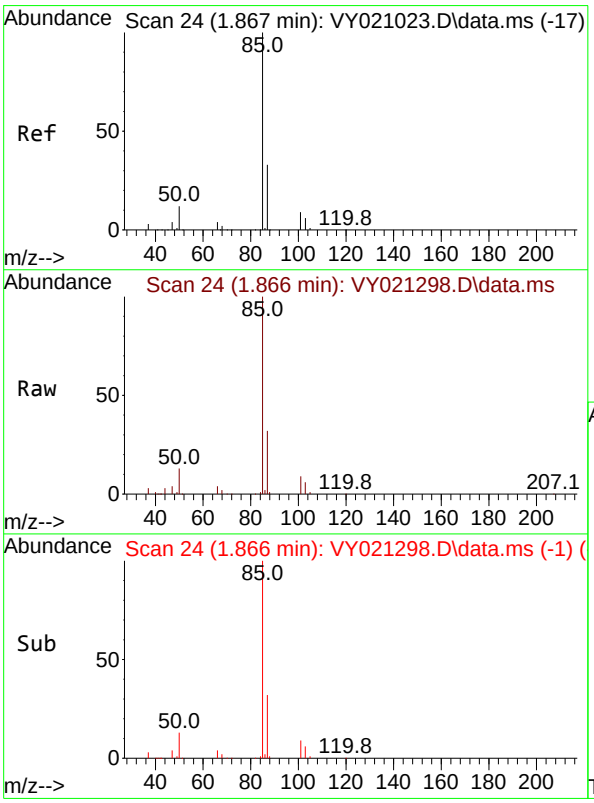
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 127702

Ion	Ratio	Lower	Upper
168	100		
99	54.3	44.2	66.4

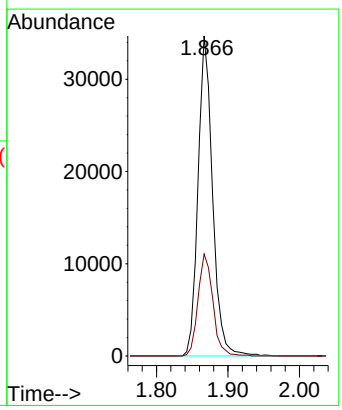


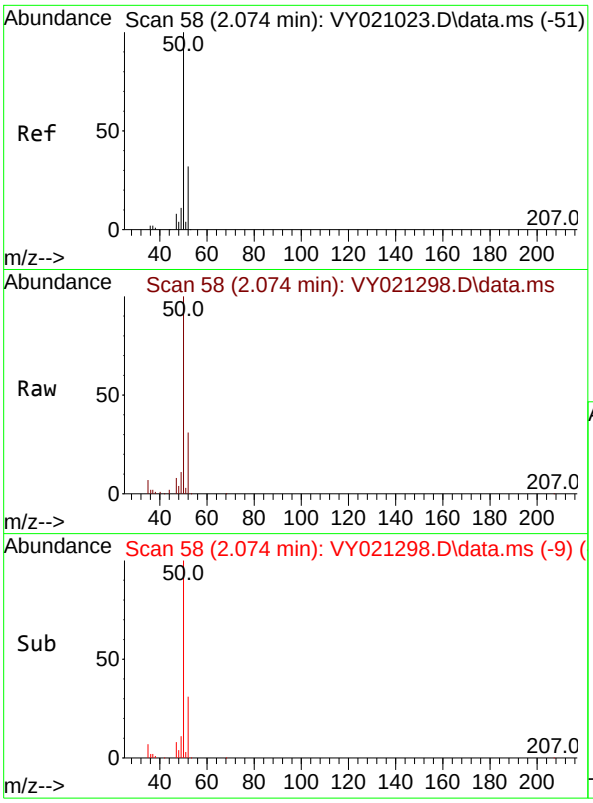


#2
Dichlorodifluoromethane
Concen: 42.960 ug/l
RT: 1.866 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 85 Resp: 48896

Ion	Ratio	Lower	Upper
85	100		
87	31.9	17.1	51.3



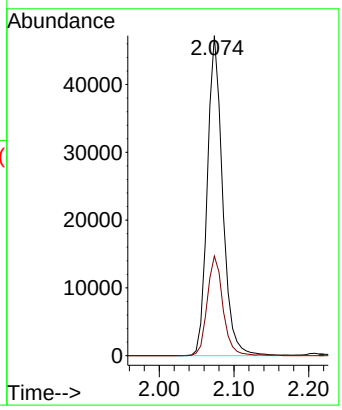


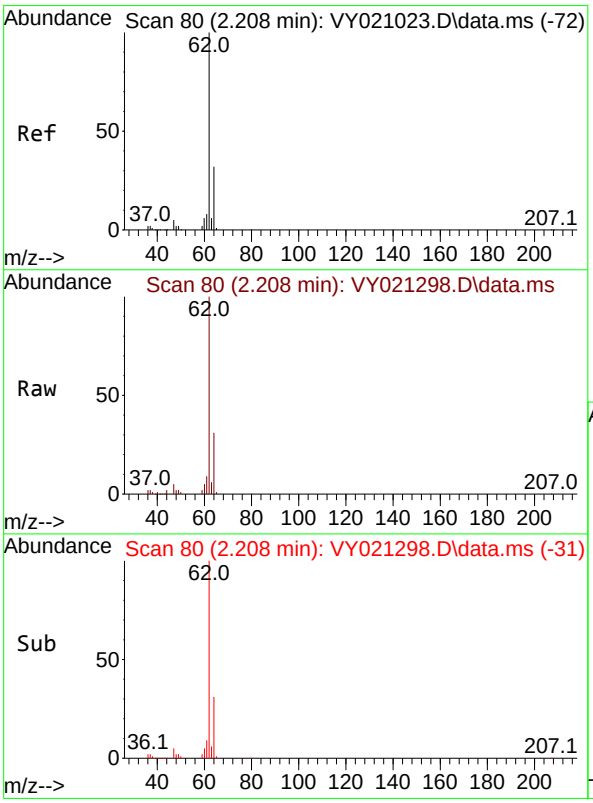
#3
Chloromethane
Concen: 59.635 ug/l
RT: 2.074 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 66978

Ion	Ratio	Lower	Upper
50	100		
52	31.1	26.7	40.1

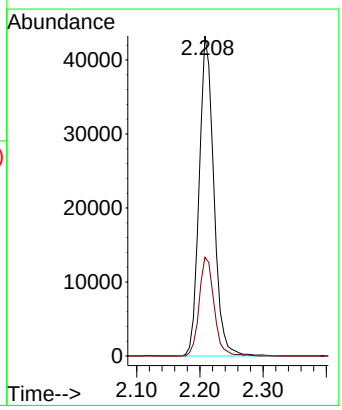


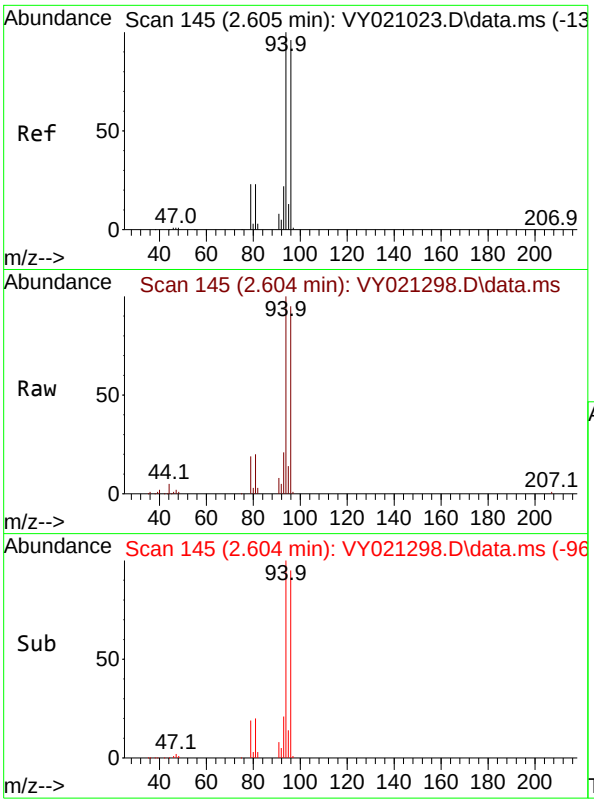


#4
Vinyl Chloride
Concen: 61.693 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 62 Resp: 69742

Ion	Ratio	Lower	Upper
62	100		
64	30.8	25.7	38.5



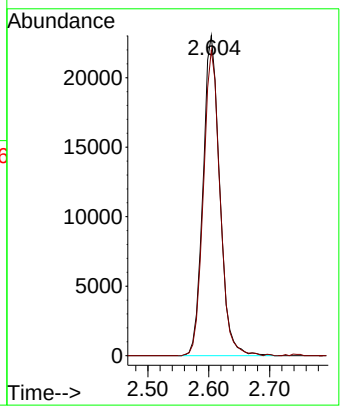


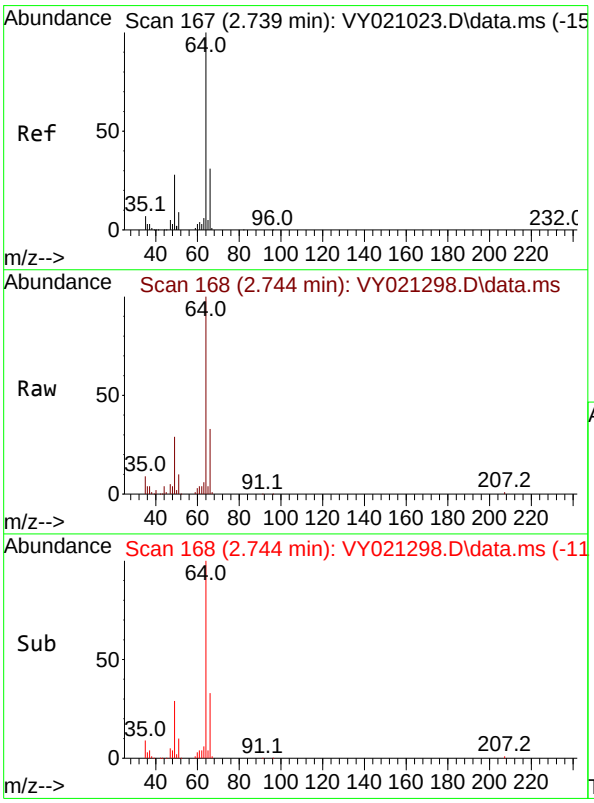
#5
Bromomethane
Concen: 62.917 ug/l
RT: 2.604 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 43960

Ion	Ratio	Lower	Upper
94	100		
96	95.5	77.3	115.9

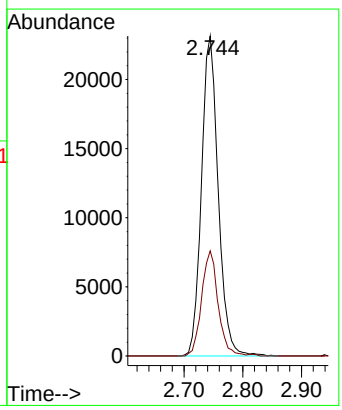


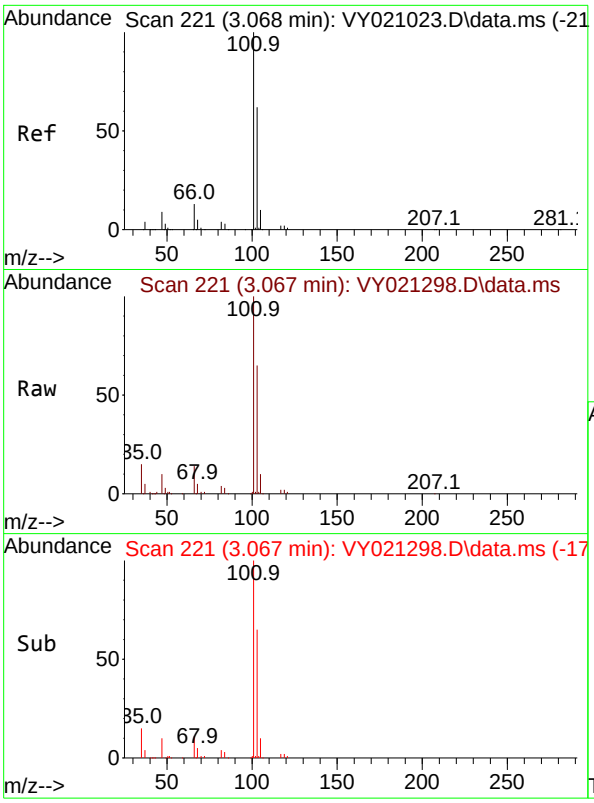


#6
Chloroethane
Concen: 68.120 ug/l
RT: 2.744 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 64 Resp: 45841

Ion	Ratio	Lower	Upper
64	100		
66	32.8	25.1	37.7



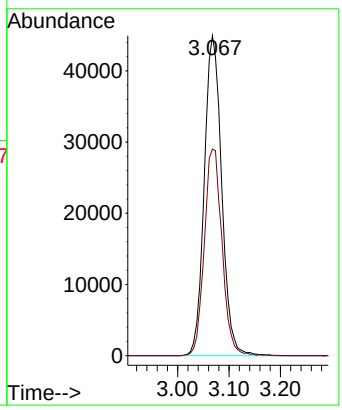


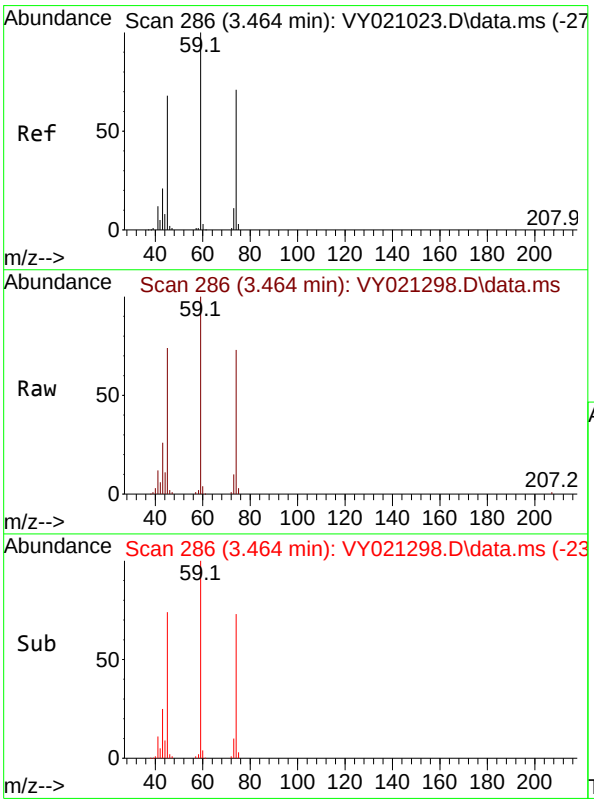
#7
Trichlorofluoromethane
Concen: 51.288 ug/l
RT: 3.067 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 105628

Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.9	77.9

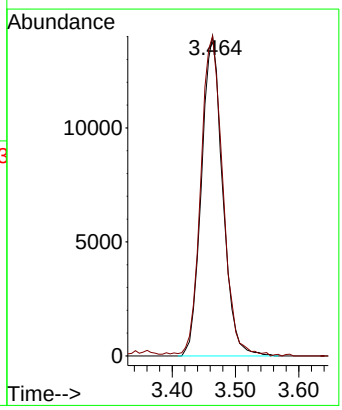


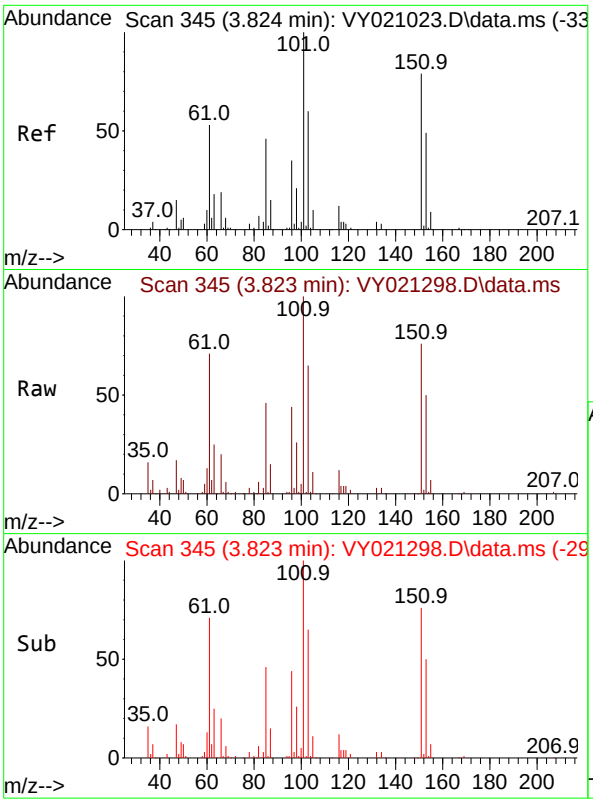


#8
Diethyl Ether
Concen: 50.663 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 74 Resp: 32573

Ion	Ratio	Lower	Upper
74	100		
45	103.1	47.9	143.7



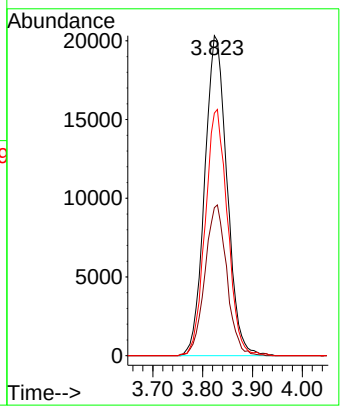


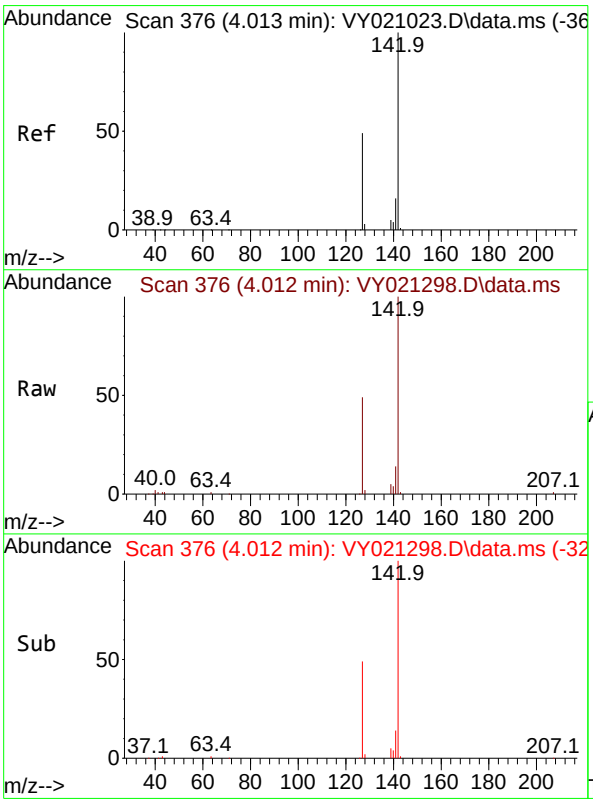
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.931 ug/l
RT: 3.823 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 63248

Ion	Ratio	Lower	Upper
101	100		
85	46.3	35.8	53.6
151	76.7	58.6	88.0

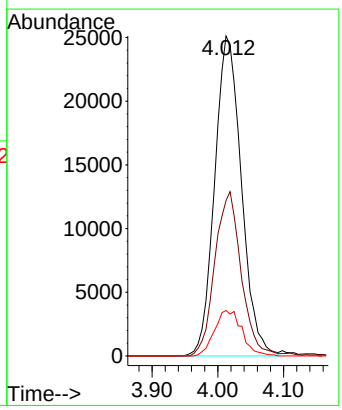


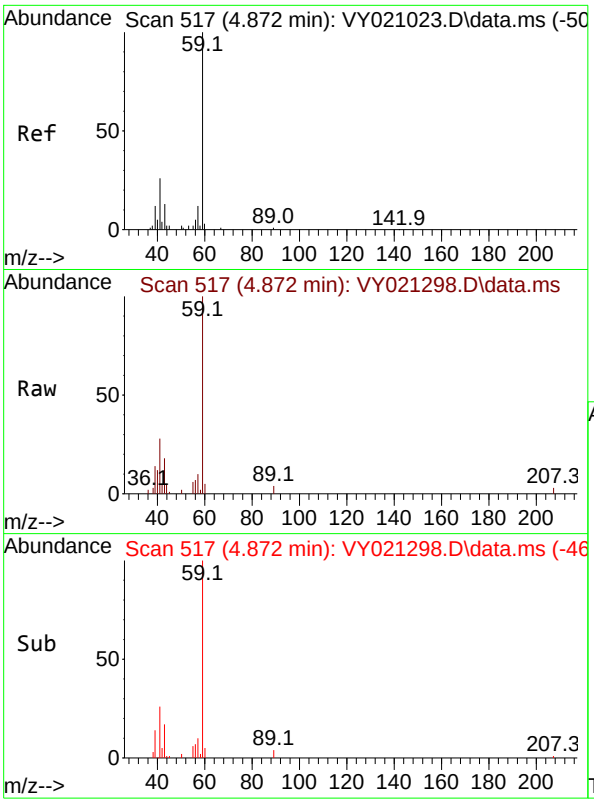


#10
Methyl Iodide
Concen: 49.422 ug/l
RT: 4.012 min Scan# 376
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:142 Resp: 70971

Ion	Ratio	Lower	Upper
142	100		
127	50.6	35.1	52.7
141	14.6	11.8	17.6



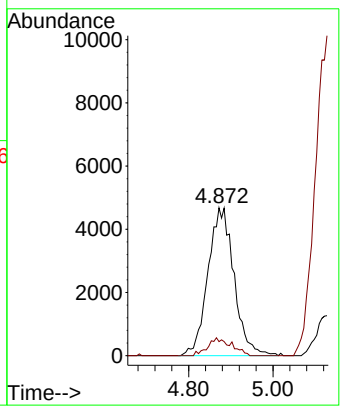


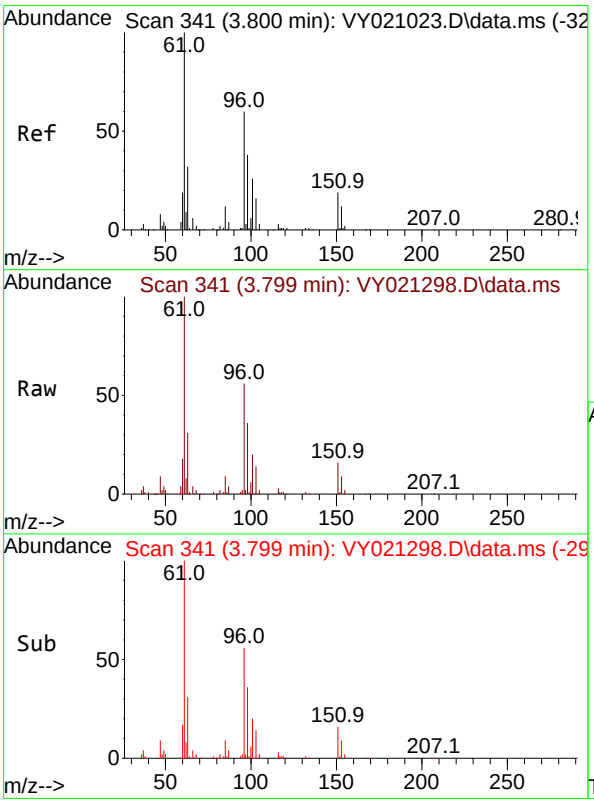
#11
Tert butyl alcohol
Concen: 226.865 ug/l
RT: 4.872 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 20115

Ion	Ratio	Lower	Upper
59	100		
57	10.9	7.4	11.0

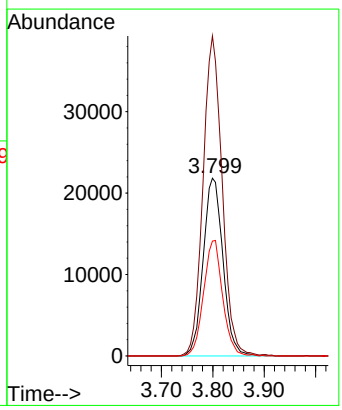


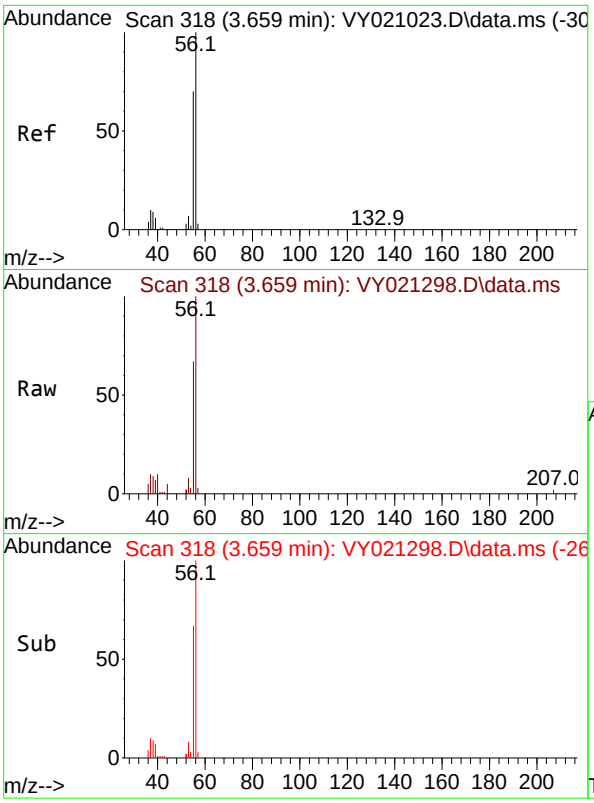


#12
1,1-Dichloroethene
Concen: 47.924 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 96 Resp: 58353

Ion	Ratio	Lower	Upper
96	100		
61	180.0	124.2	186.2
98	64.6	52.6	79.0



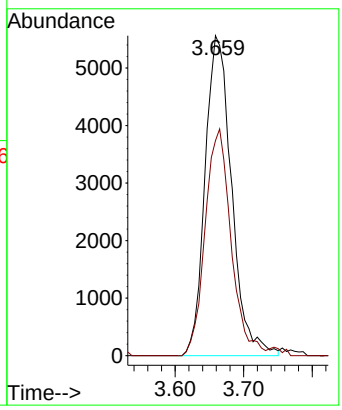


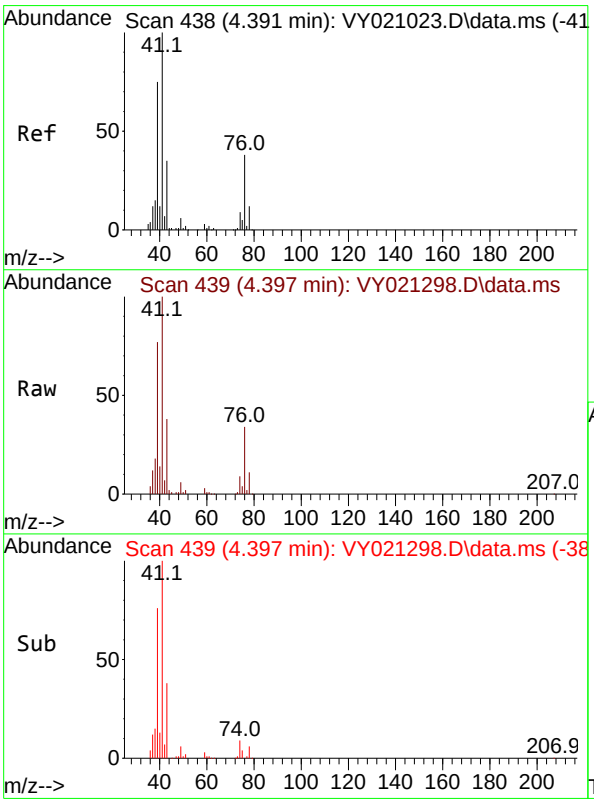
#13
Acrolein
Concen: 109.599 ug/l
RT: 3.659 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 14964

Ion	Ratio	Lower	Upper
56	100		
55	69.4	55.4	83.0

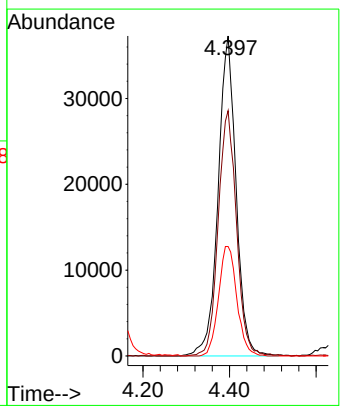


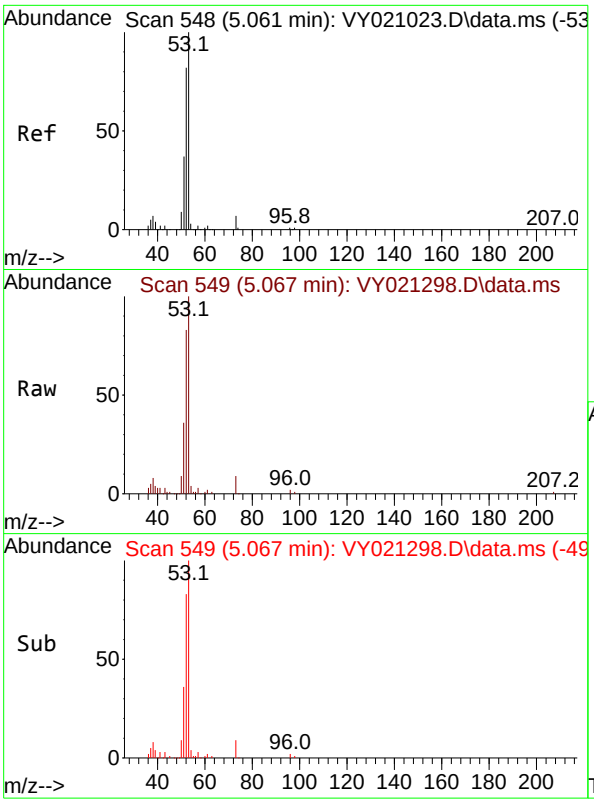


#14
Allyl chloride
Concen: 52.425 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 41 Resp: 107582

Ion	Ratio	Lower	Upper
41	100		
39	78.0	54.7	82.1
76	35.0	31.8	47.6



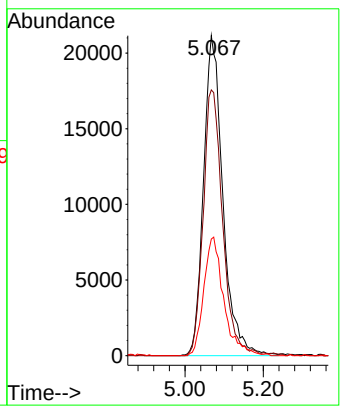


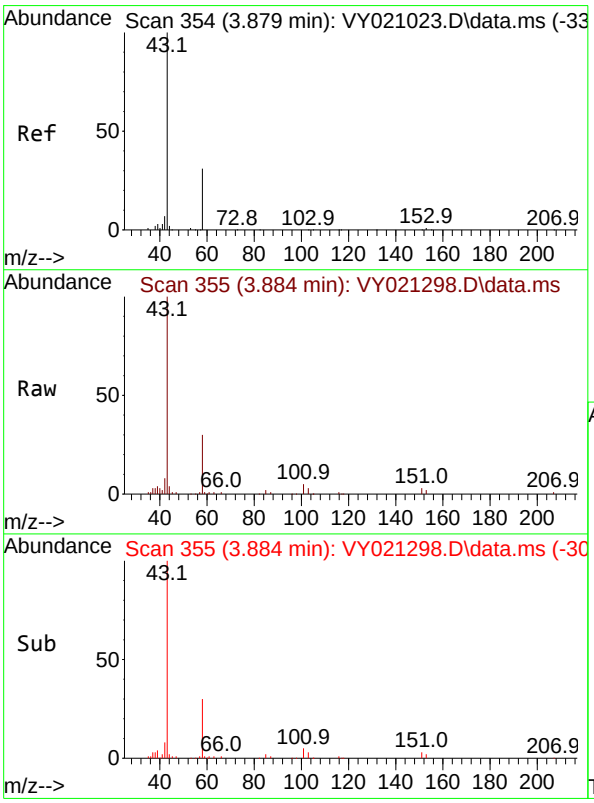
#15
Acrylonitrile
Concen: 270.971 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 72547

Ion	Ratio	Lower	Upper
53	100		
52	83.5	65.1	97.7
51	38.3	29.0	43.4

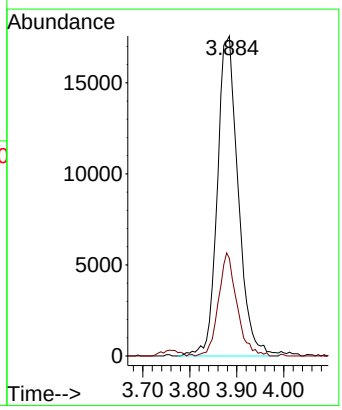


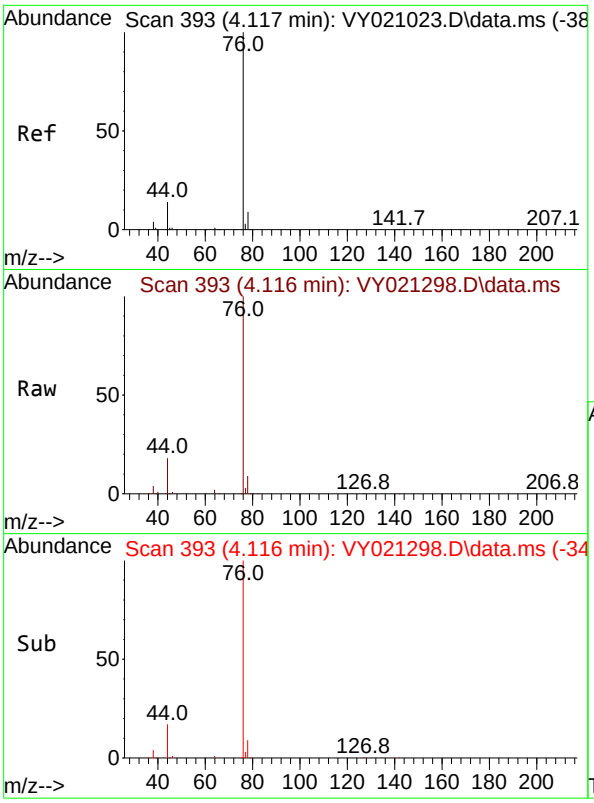


#16
Acetone
Concen: 266.311 ug/l
RT: 3.884 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 43 Resp: 54339

Ion	Ratio	Lower	Upper
43	100		
58	30.5	26.6	39.8



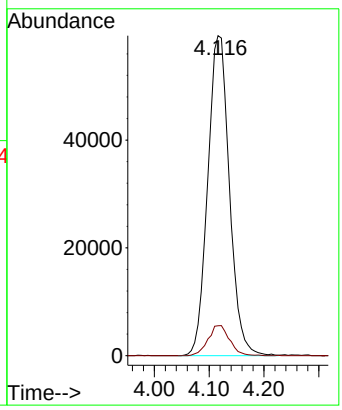


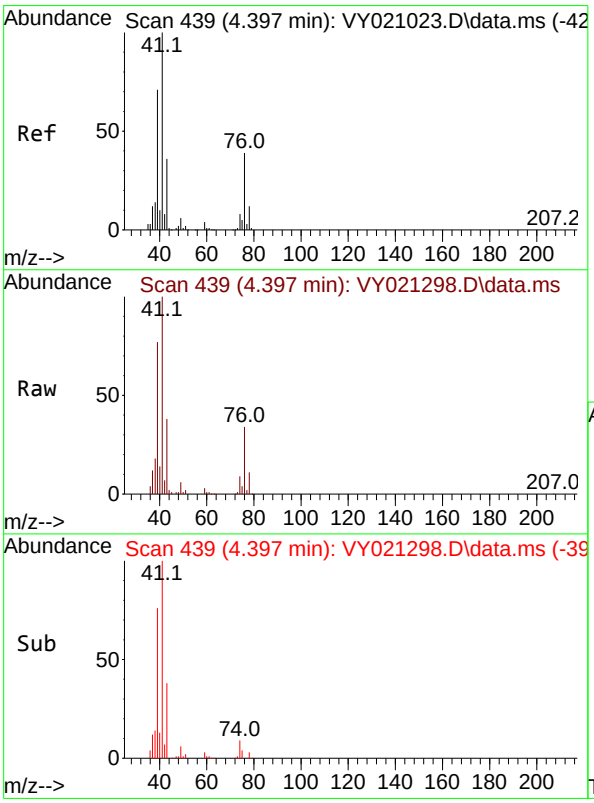
#17
Carbon Disulfide
Concen: 42.725 ug/l
RT: 4.116 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 163127

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.0

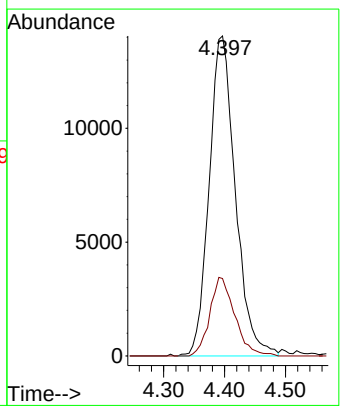


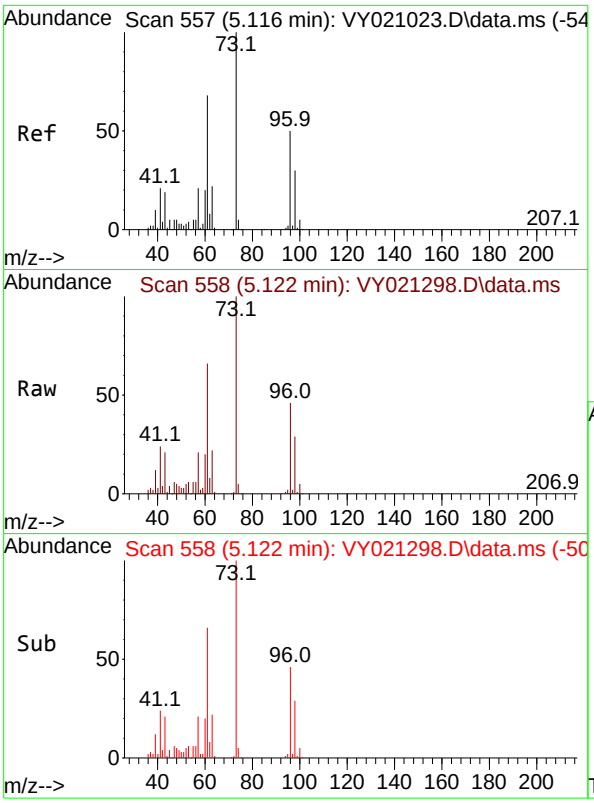


#18
Methyl Acetate
Concen: 58.681 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 43 Resp: 42032

Ion	Ratio	Lower	Upper
43	100		
74	23.4	19.8	29.6



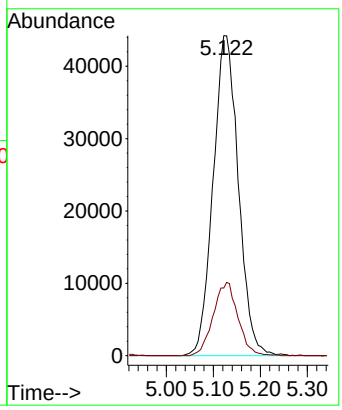


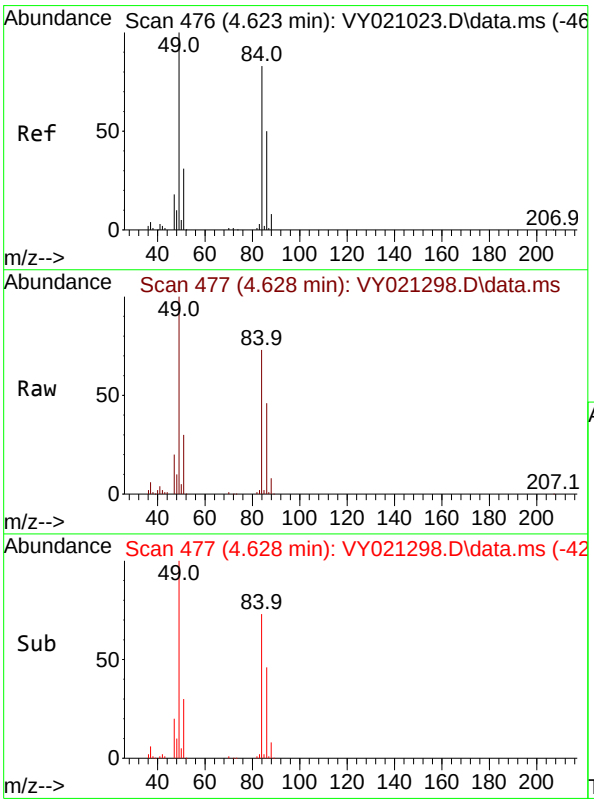
#19
Methyl tert-butyl Ether
Concen: 53.609 ug/l
RT: 5.122 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 164986

Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.7	26.5

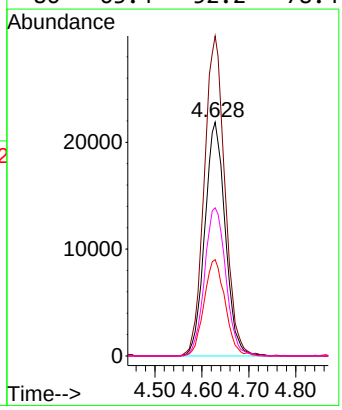


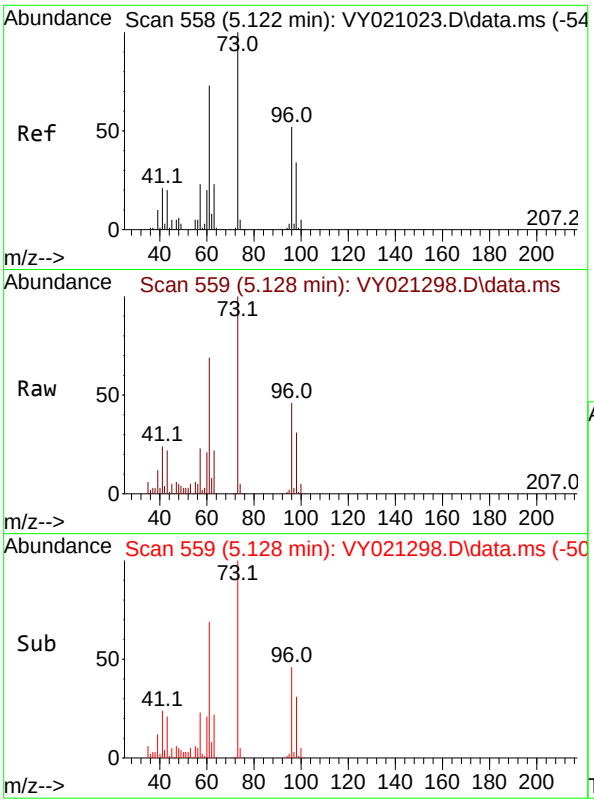


#20
Methylene Chloride
Concen: 52.142 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 84 Resp: 66140

Ion	Ratio	Lower	Upper
84	100		
49	136.9	95.2	142.8
51	41.2	29.9	44.9
86	63.4	52.2	78.4



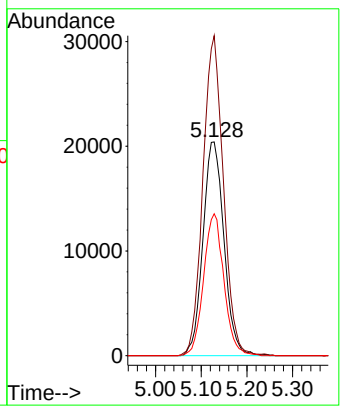


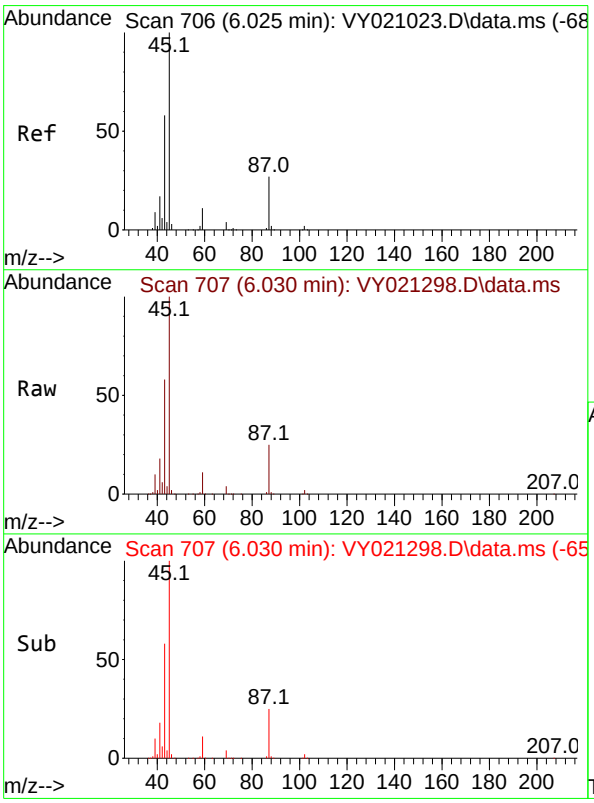
#21
trans-1,2-Dichloroethene
Concen: 48.693 ug/l
RT: 5.128 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 65263

Ion	Ratio	Lower	Upper
96	100		
61	149.7	104.6	156.8
98	66.4	50.9	76.3

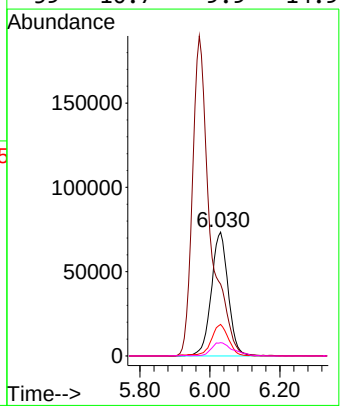


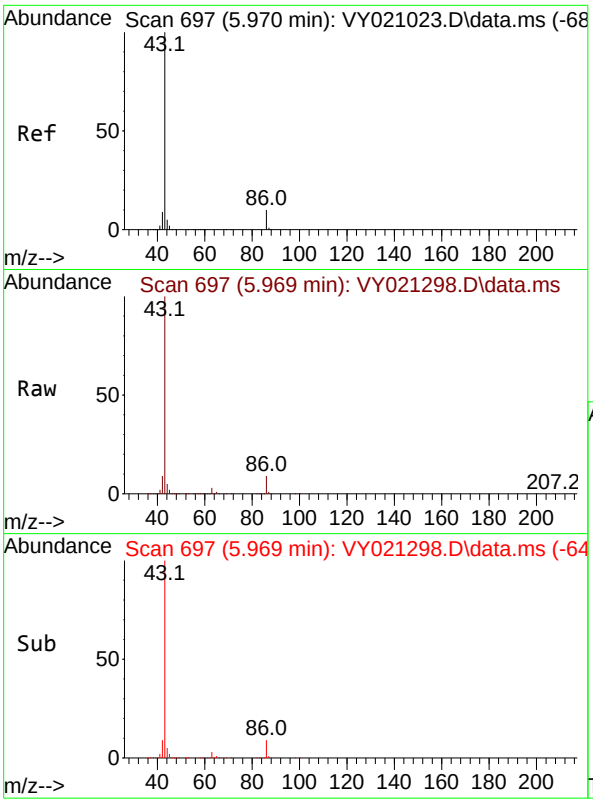


#22
Diisopropyl ether
Concen: 58.129 ug/l
RT: 6.030 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 45 Resp: 245873

Ion	Ratio	Lower	Upper
45	100		
43	57.7	46.8	70.2
87	25.4	22.2	33.2
59	10.7	9.9	14.9



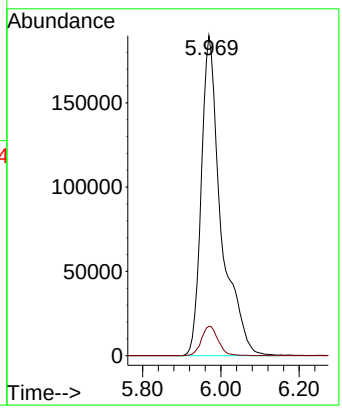


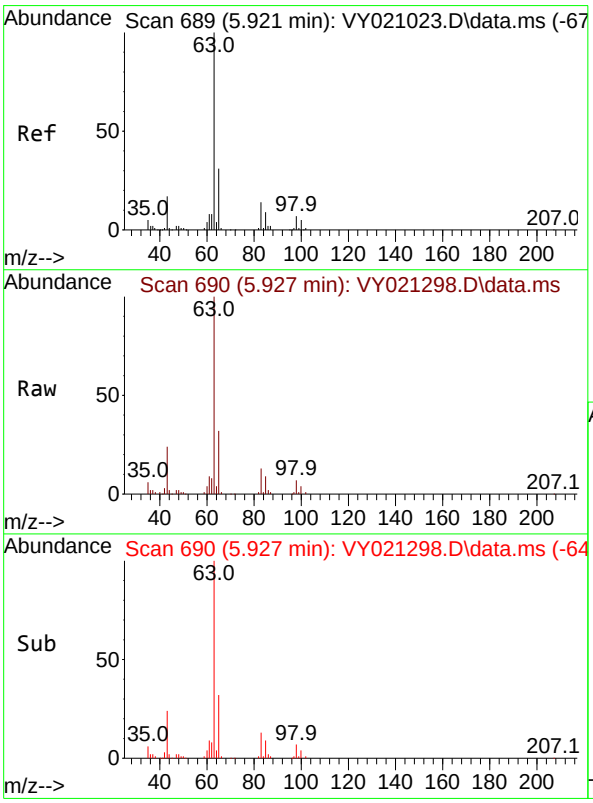
#23
Vinyl Acetate
Concen: 281.710 ug/l
RT: 5.969 min Scan# 6
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 664260

Ion	Ratio	Lower	Upper
43	100		
86	9.2	8.6	13.0

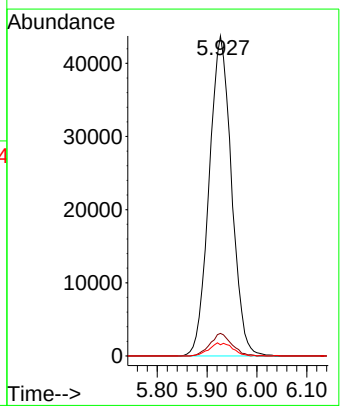


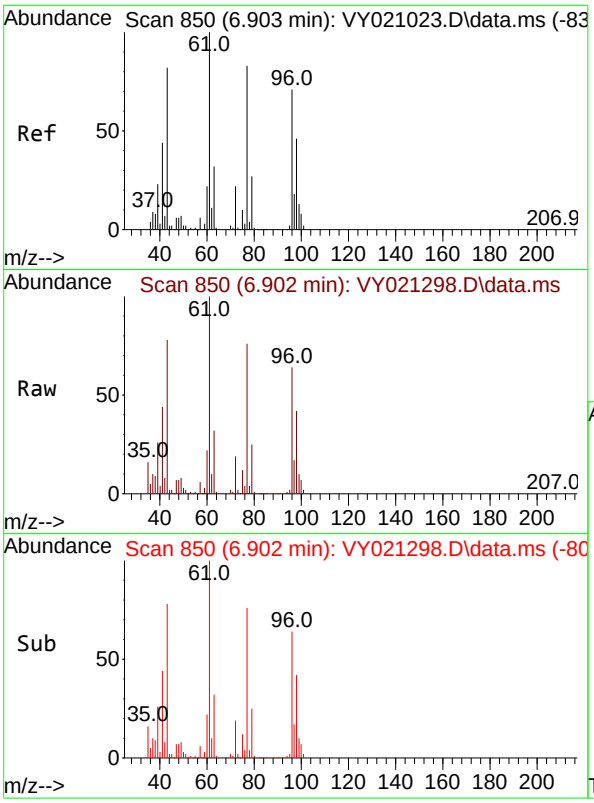


#24
1,1-Dichloroethane
Concen: 54.988 ug/l
RT: 5.927 min Scan# 690
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 63 Resp: 136272

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.8	11.4
100	3.5	2.1	6.2



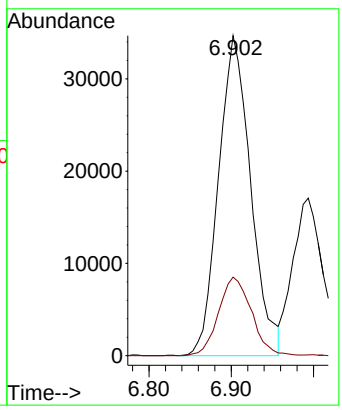


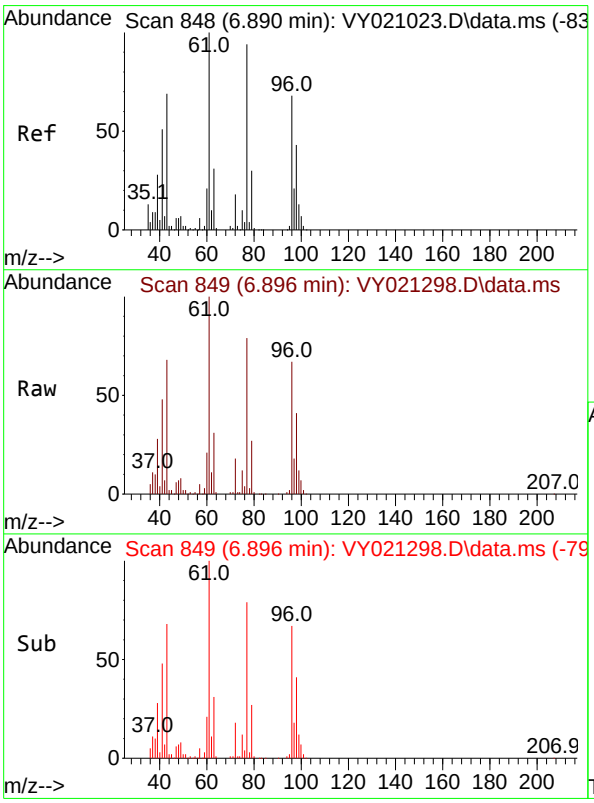
#25
2-Butanone
Concen: 281.796 ug/l
RT: 6.902 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 94486

Ion	Ratio	Lower	Upper
43	100		
72	24.6	21.4	32.2

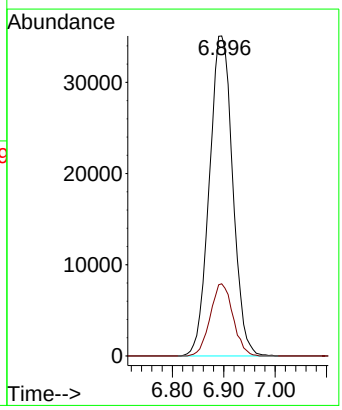


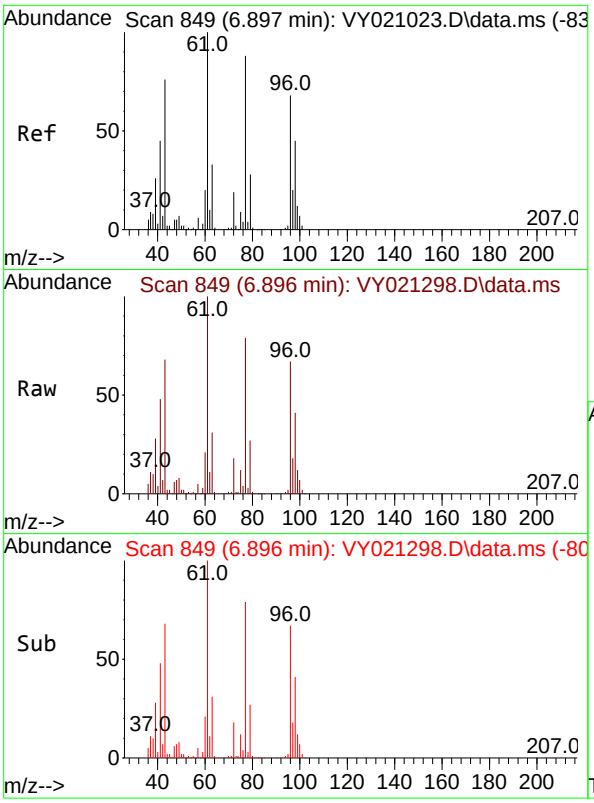


#26
2,2-Dichloropropane
Concen: 48.309 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 77 Resp: 110775

Ion	Ratio	Lower	Upper
77	100		
97	22.0	11.7	35.0



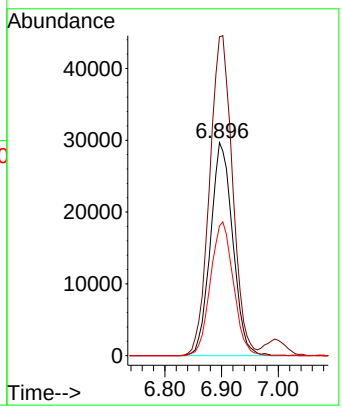


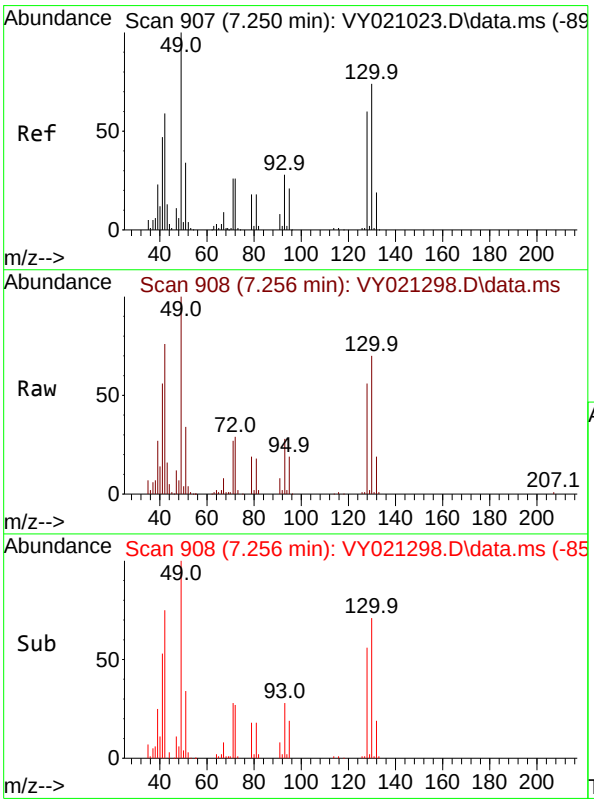
#27
cis-1,2-Dichloroethene
Concen: 52.612 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 81165

Ion	Ratio	Lower	Upper
96	100		
61	154.5	0.0	278.8
98	64.4	0.0	127.0

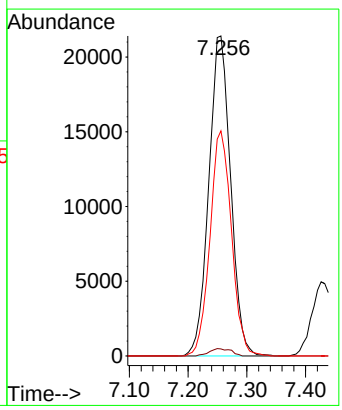


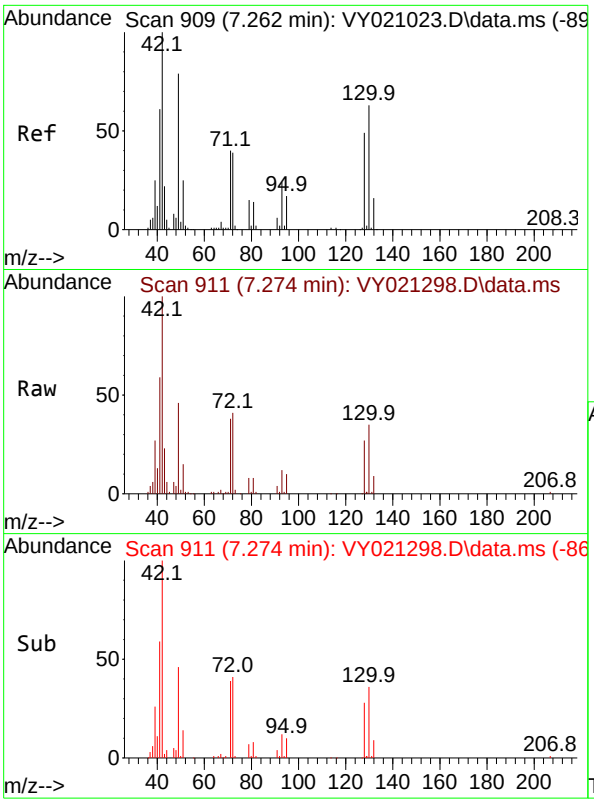


#28
Bromochloromethane
Concen: 56.218 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 49 Resp: 55091

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	3.8
130	69.4	59.8	89.8



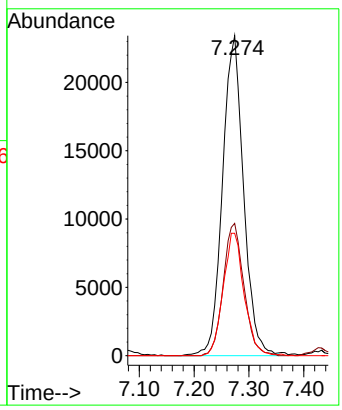


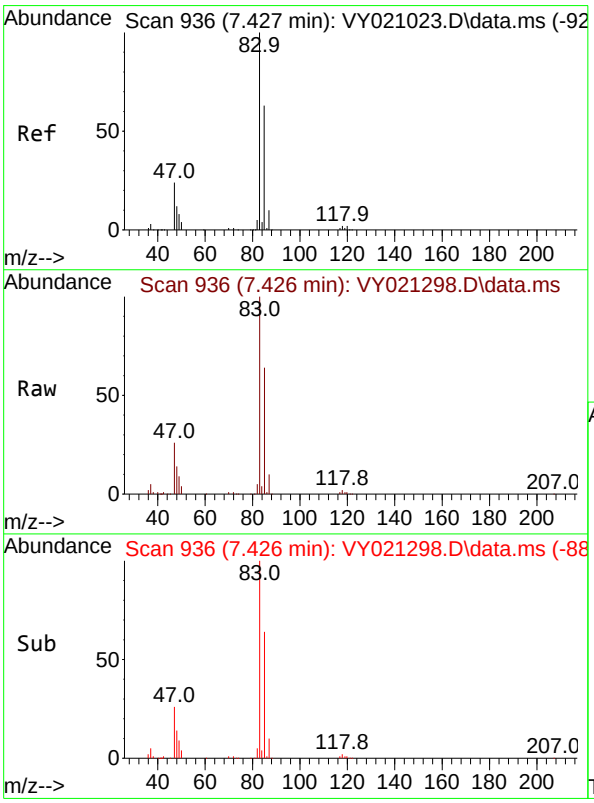
#29
Tetrahydrofuran
Concen: 275.466 ug/l
RT: 7.274 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 62499

Ion	Ratio	Lower	Upper
42	100		
72	40.6	36.6	54.8
71	38.0	33.8	50.6

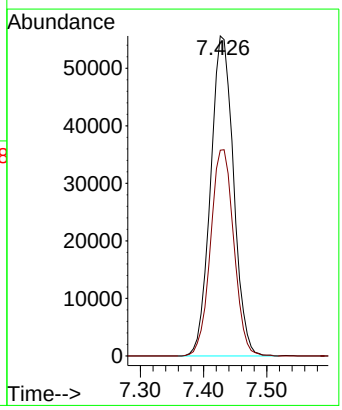


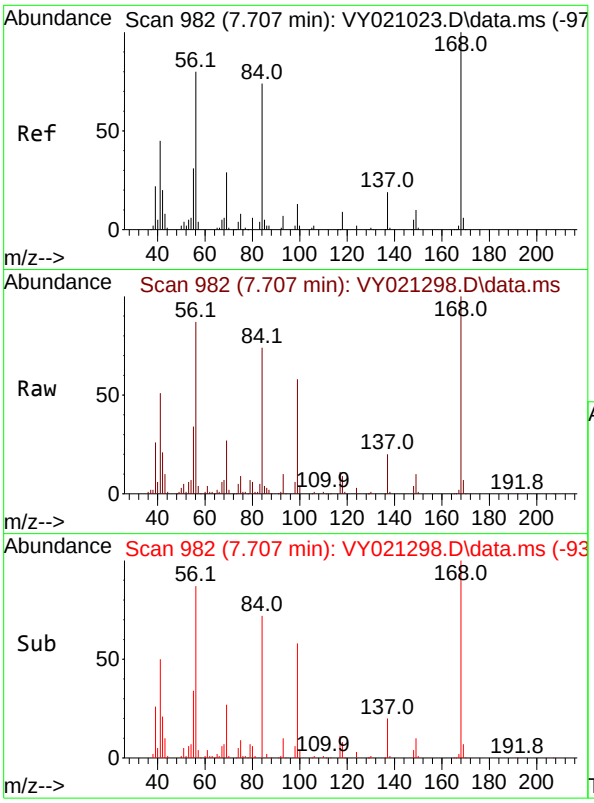


#30
Chloroform
Concen: 55.027 ug/l
RT: 7.426 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 83 Resp: 140070

Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.2	76.8



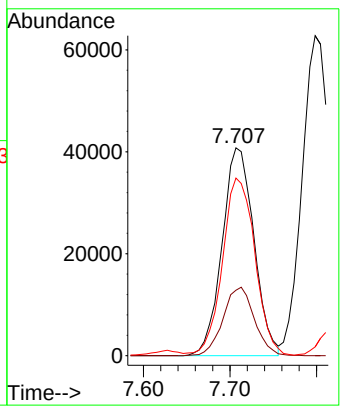


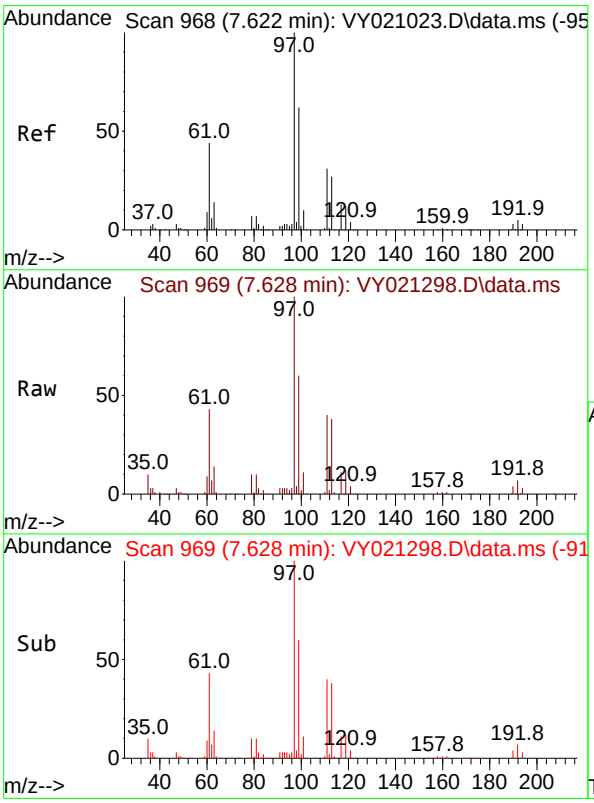
#31
Cyclohexane
Concen: 46.649 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 104105

Ion	Ratio	Lower	Upper
56	100		
69	31.5	27.0	40.6
84	83.8	71.8	107.6

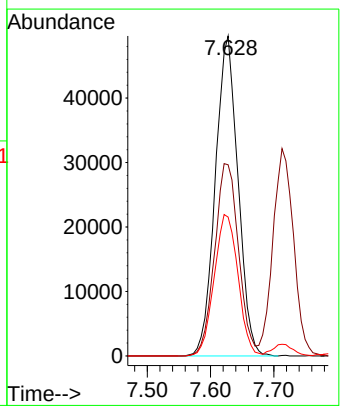


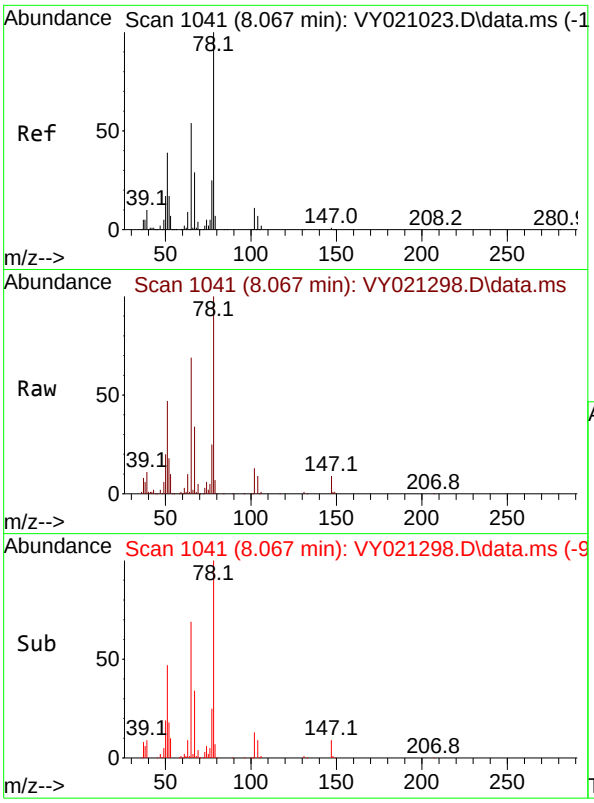


#32
1,1,1-Trichloroethane
Concen: 52.224 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 97 Resp: 123595

Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.2	76.8
61	46.4	35.0	52.6



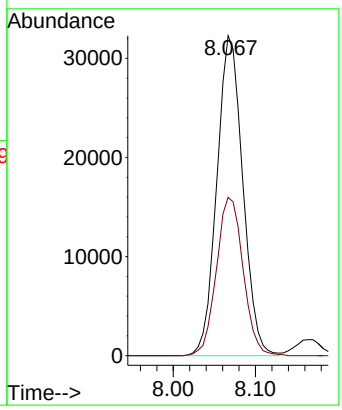


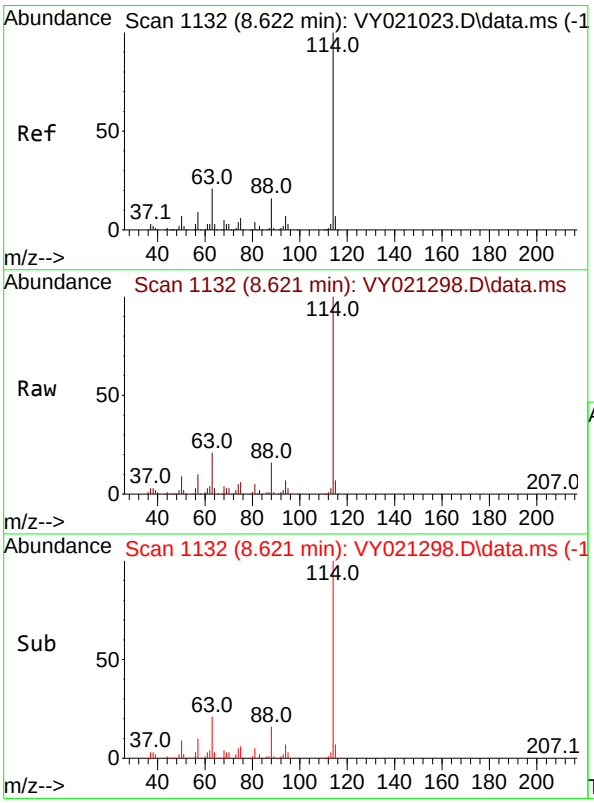
#33
1,2-Dichloroethane-d4
Concen: 54.125 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 70818

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	109.0

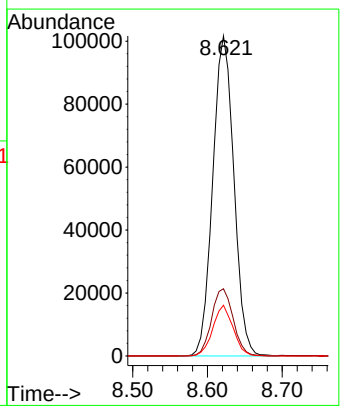


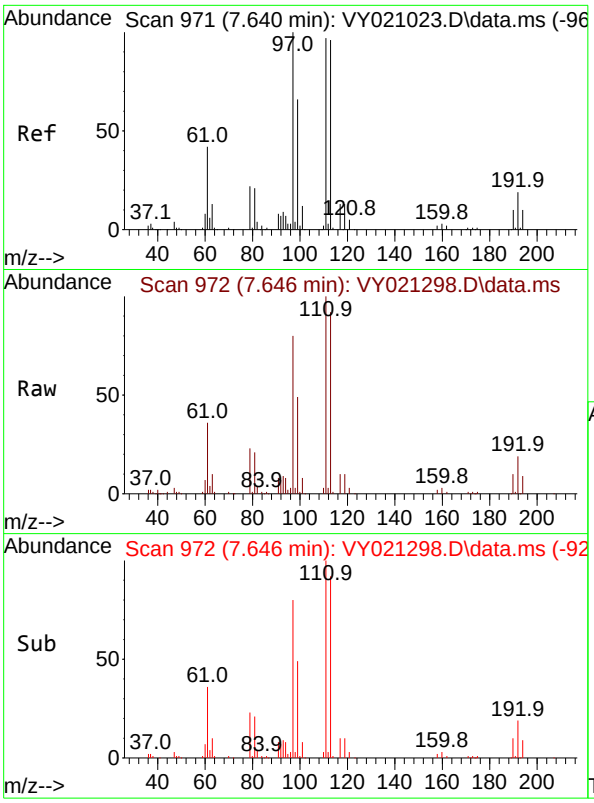


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.621 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:114 Resp: 200243

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	37.4
88	15.8	0.0	29.0



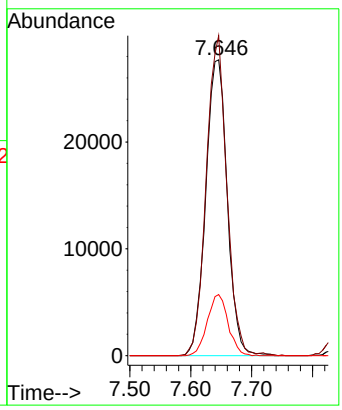


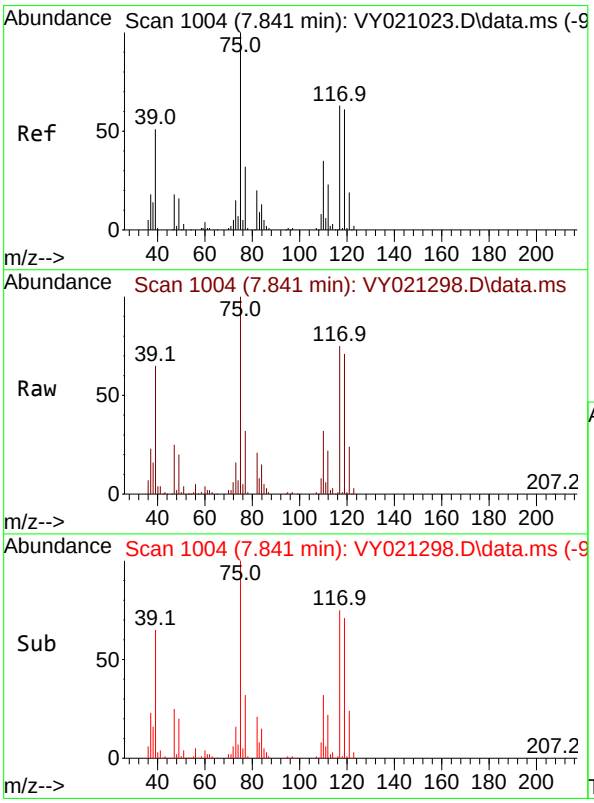
#35
Dibromofluoromethane
Concen: 53.011 ug/l
RT: 7.646 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 68028

Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.8	125.6
192	20.0	14.5	21.7

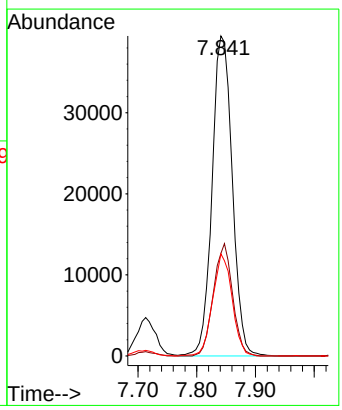


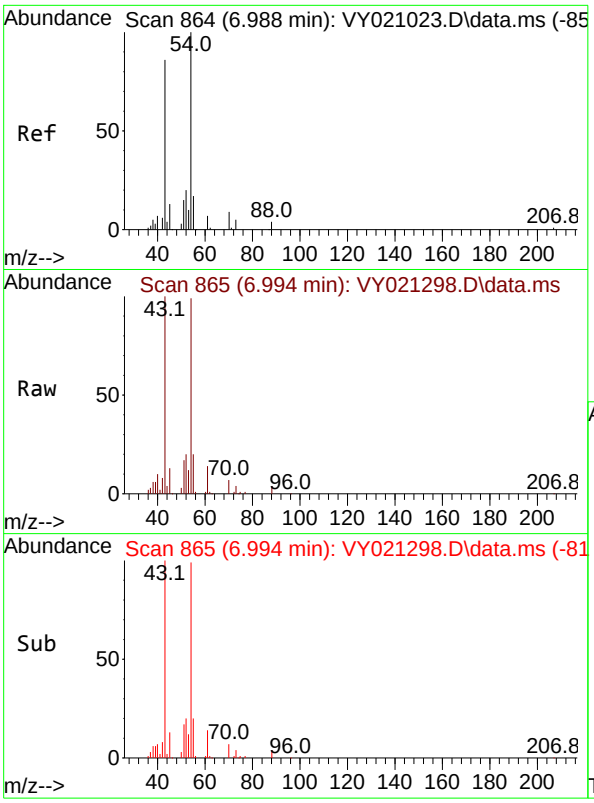


#36
1,1-Dichloropropene
Concen: 49.653 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 75 Resp: 94379

Ion	Ratio	Lower	Upper
75	100		
110	33.3	17.4	52.3
77	30.8	24.7	37.1



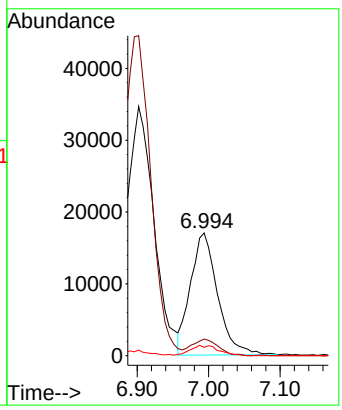


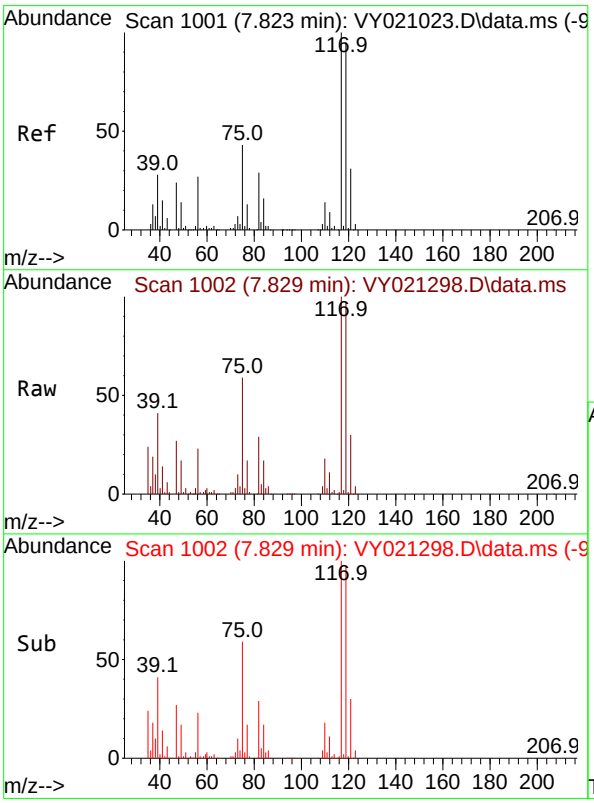
#37
Ethyl Acetate
Concen: 53.780 ug/l
RT: 6.994 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 44845

Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.0	16.6
70	8.8	8.1	12.1

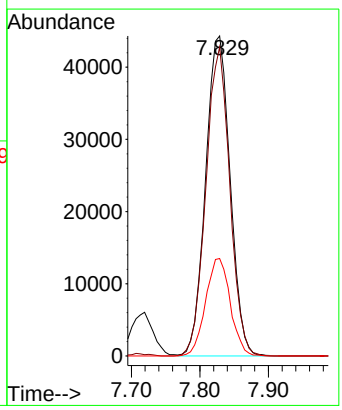


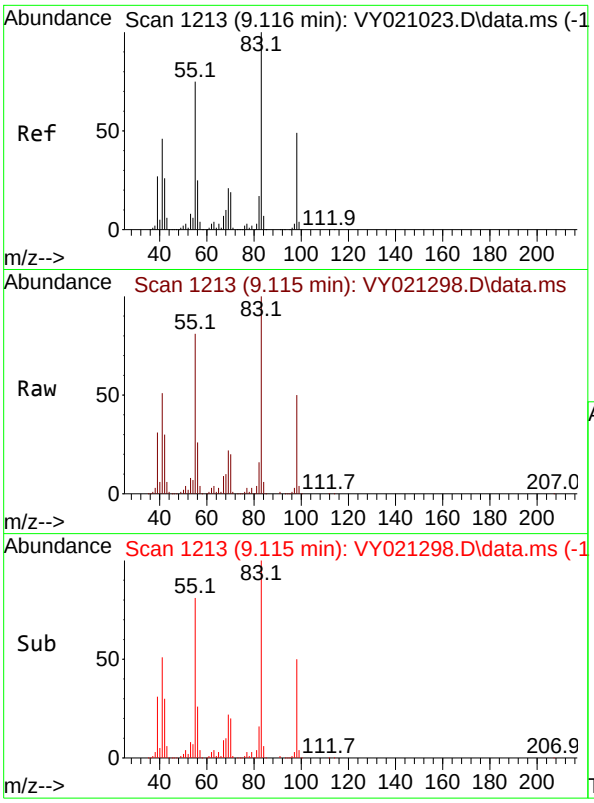


#38
Carbon Tetrachloride
Concen: 49.712 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:117 Resp: 110409

Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.0	114.0
121	30.4	24.2	36.2



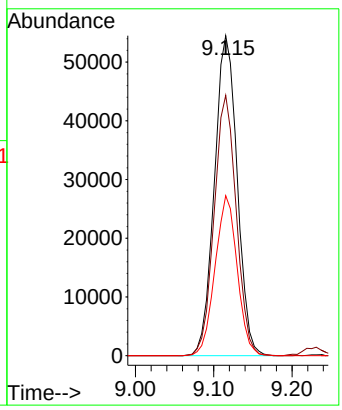


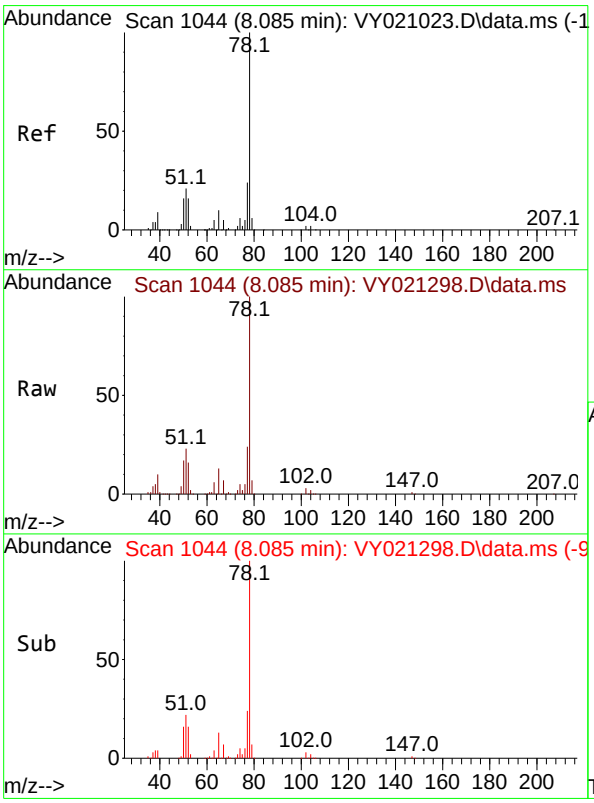
#39
Methylcyclohexane
Concen: 47.400 ug/l
RT: 9.115 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 110205

Ion	Ratio	Lower	Upper
83	100		
55	81.4	59.7	89.5
98	50.0	38.0	57.0

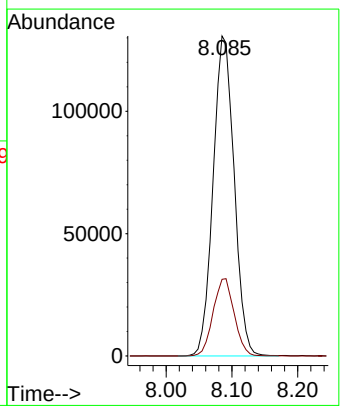


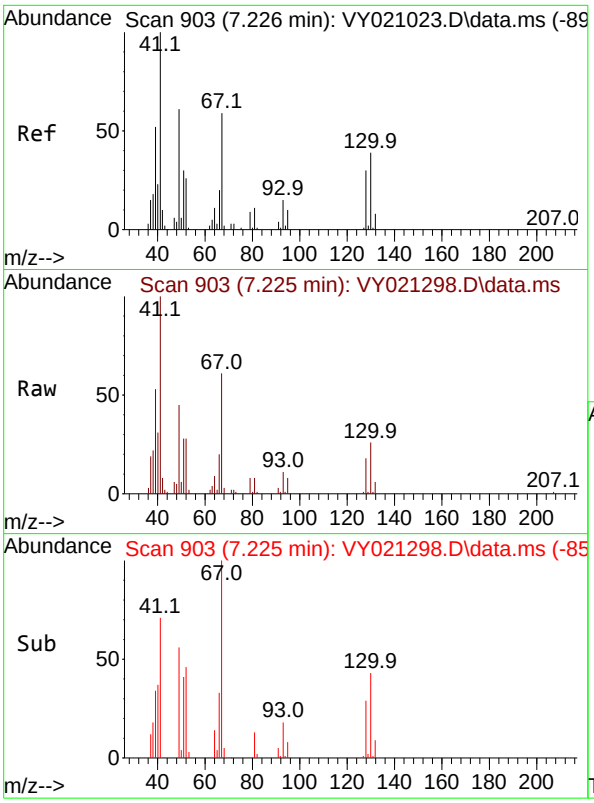


#40
Benzene
Concen: 52.236 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 78 Resp: 291377

Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2



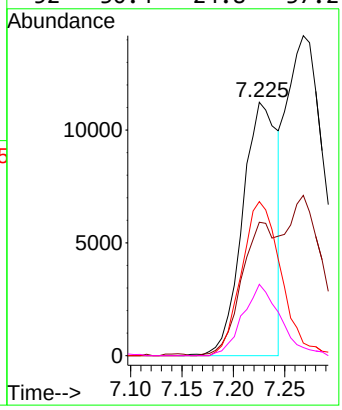


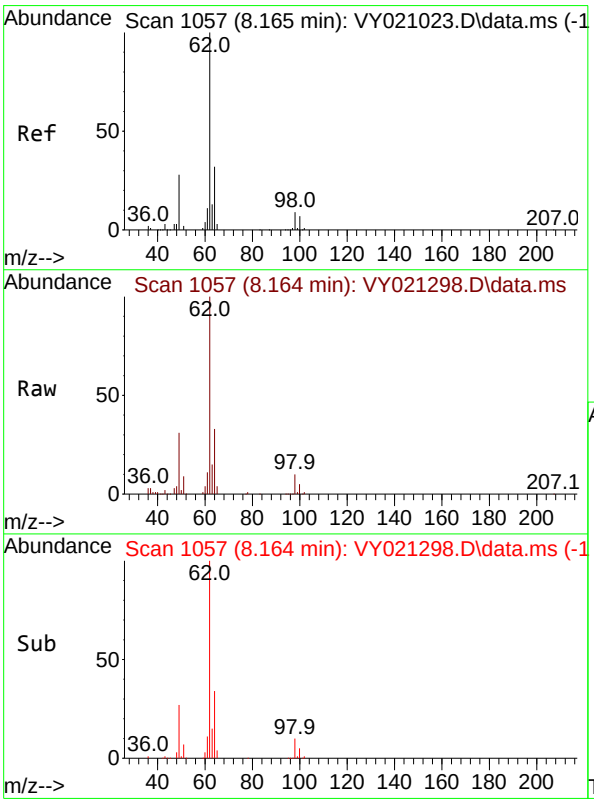
#41
Methacrylonitrile
Concen: 54.835 ug/l
RT: 7.225 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 26453

Ion	Ratio	Lower	Upper
41	100		
39	53.9	41.9	62.9
67	69.4	59.8	89.6
52	30.4	24.8	37.2

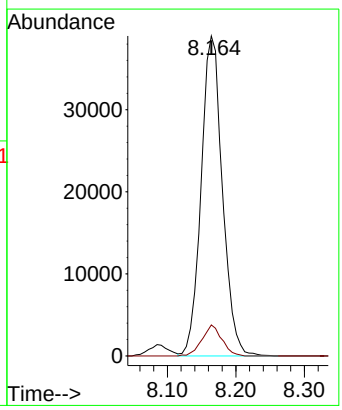


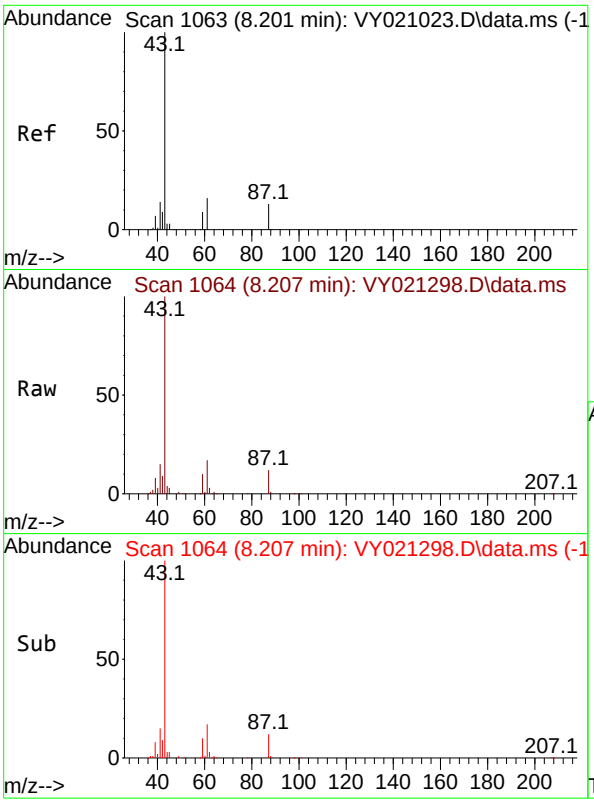


#42
1,2-Dichloroethane
Concen: 54.531 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 62 Resp: 84380

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	20.2



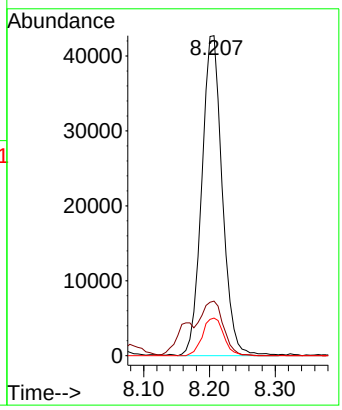


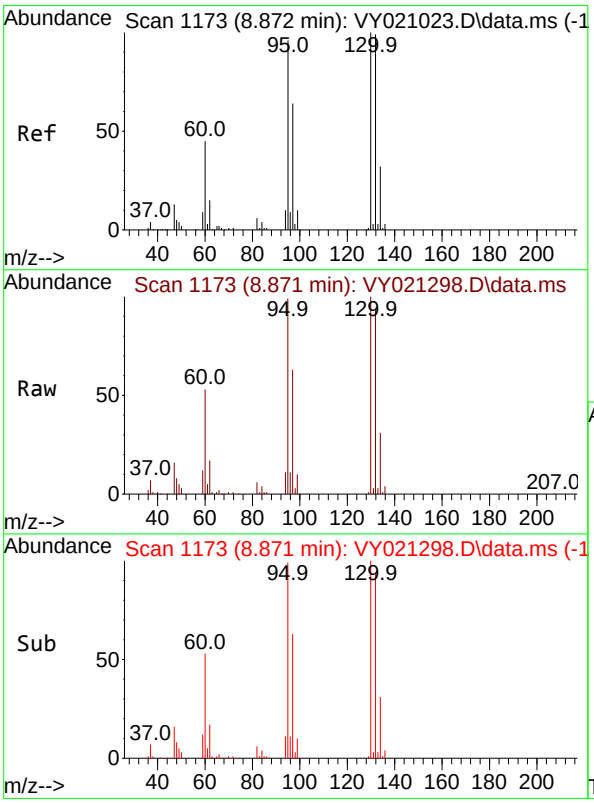
#43
Isopropyl Acetate
Concen: 55.868 ug/l
RT: 8.207 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 92566

Ion	Ratio	Lower	Upper
43	100		
61	19.0	24.8	37.2#
87	12.2	10.7	16.1

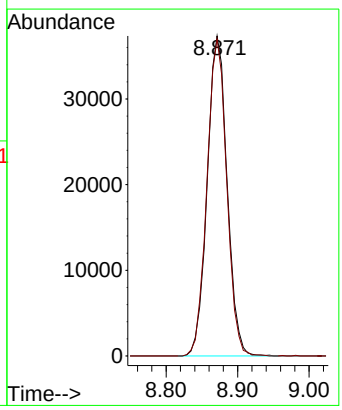


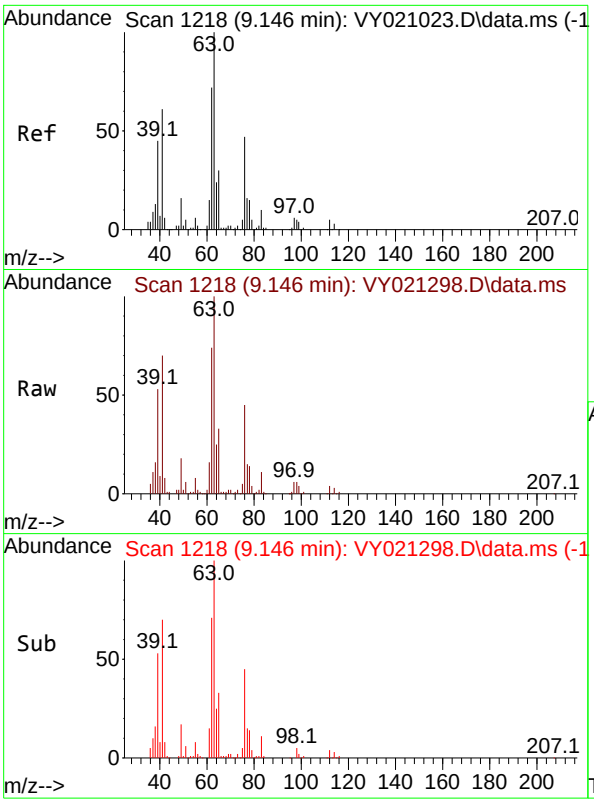


#44
Trichloroethene
Concen: 50.025 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:130 Resp: 72094

Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	203.8



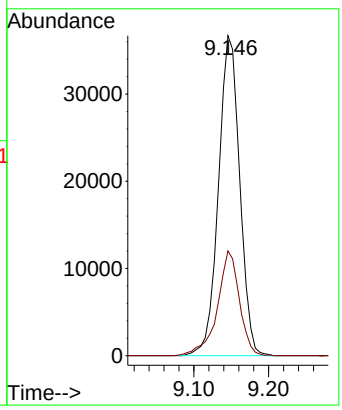


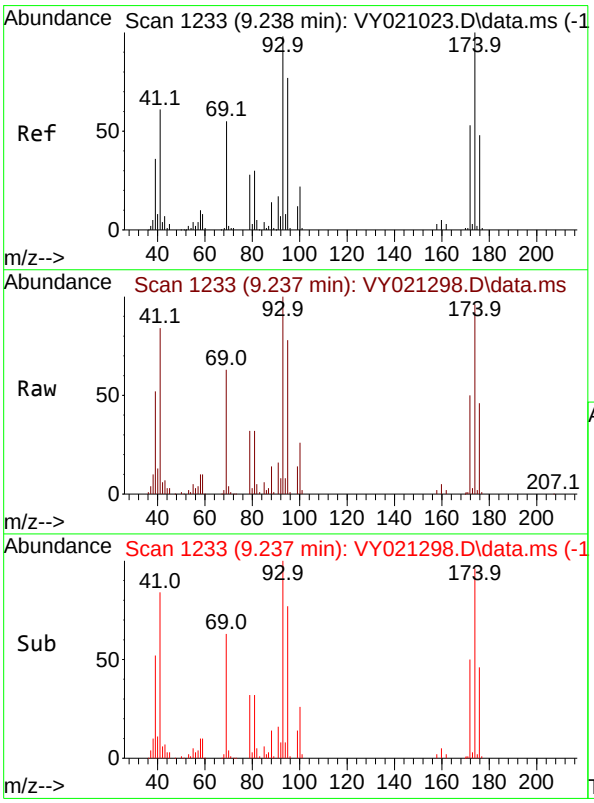
#45
1,2-Dichloropropane
Concen: 54.816 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 72574

Ion	Ratio	Lower	Upper
63	100		
65	32.7	24.6	36.8

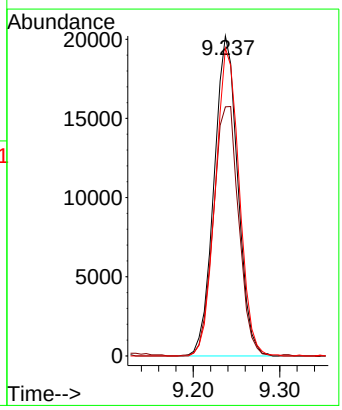


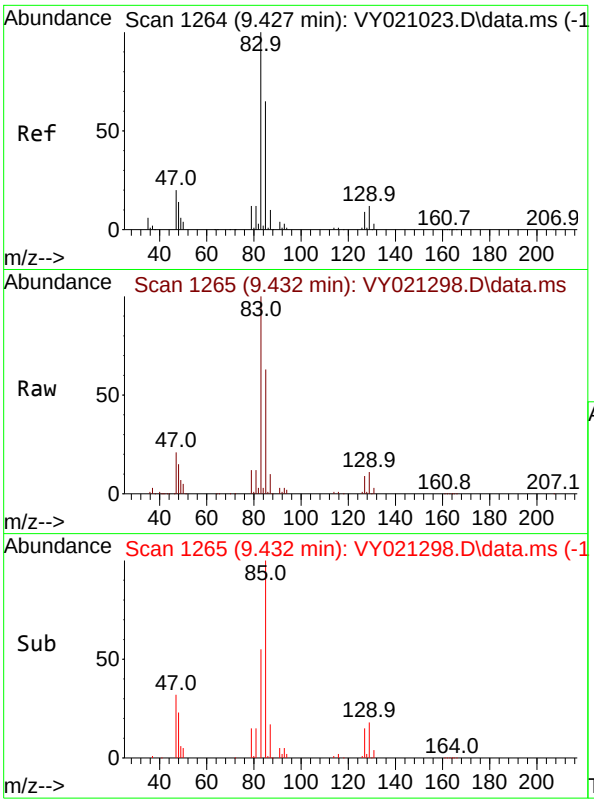


#46
Dibromomethane
Concen: 52.478 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 93 Resp: 38469

Ion	Ratio	Lower	Upper
93	100		
95	83.1	66.6	99.8
174	96.5	73.8	110.6



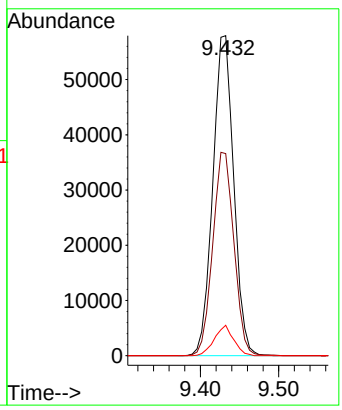


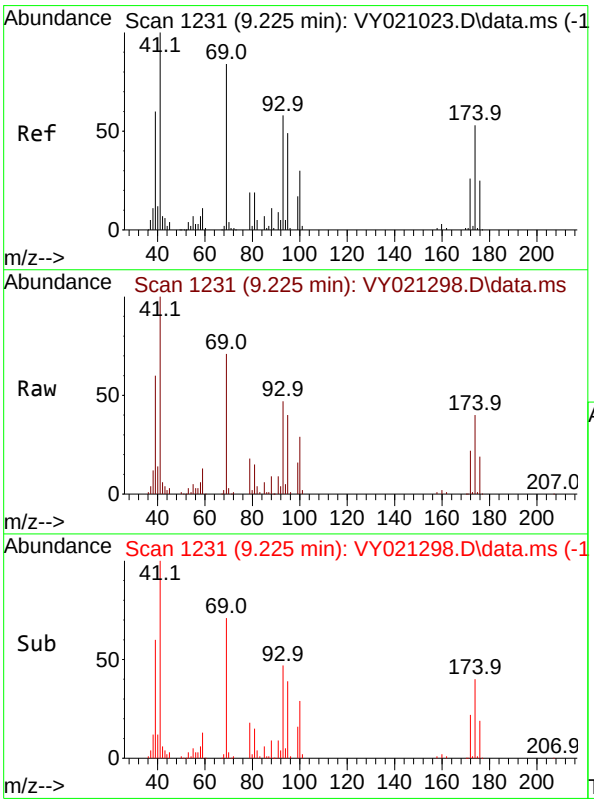
#47
Bromodichloromethane
Concen: 54.647 ug/l
RT: 9.432 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 107436

Ion	Ratio	Lower	Upper
83	100		
85	63.1	53.2	79.8
127	9.5	6.4	9.6

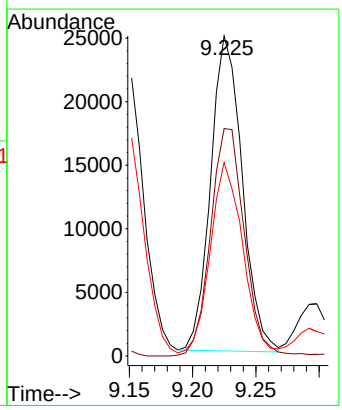


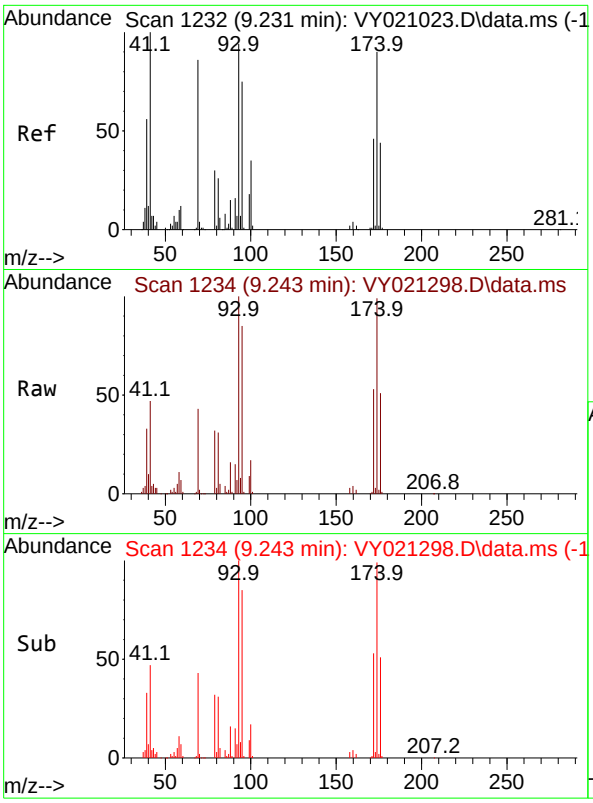


#48
Methyl methacrylate
Concen: 56.886 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 41 Resp: 42933

Ion	Ratio	Lower	Upper
41	100		
69	77.8	72.1	108.1
39	61.9	42.8	64.2



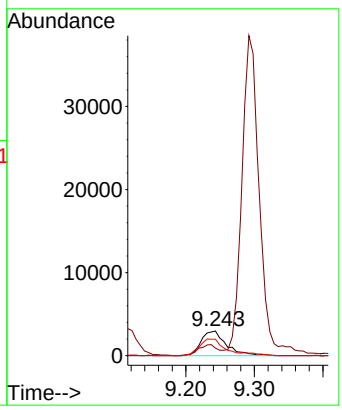


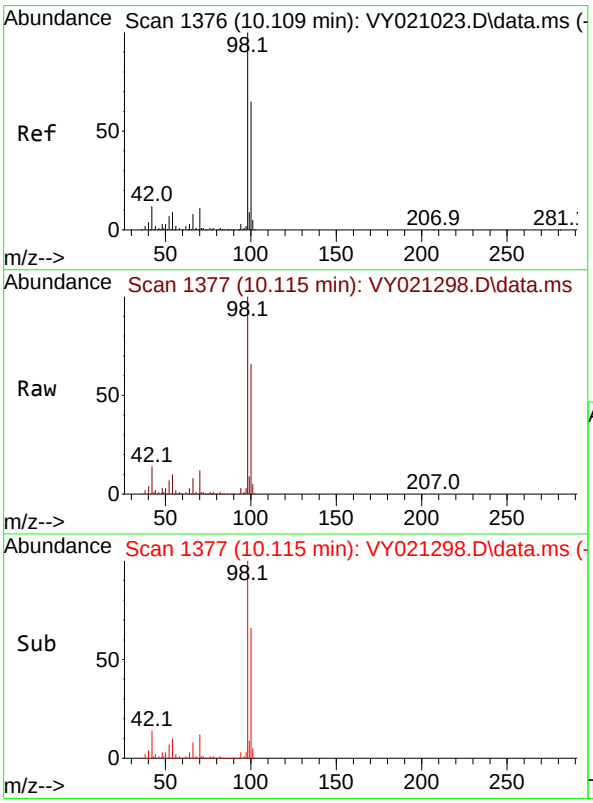
#49
1,4-Dioxane
Concen: 1109.293 ug/l
RT: 9.243 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 7570

Ion	Ratio	Lower	Upper
88	100		
43	36.1	28.2	42.4
58	73.6	52.2	78.2

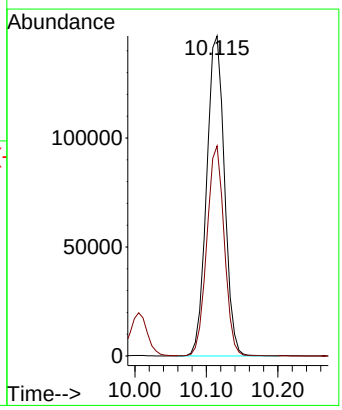


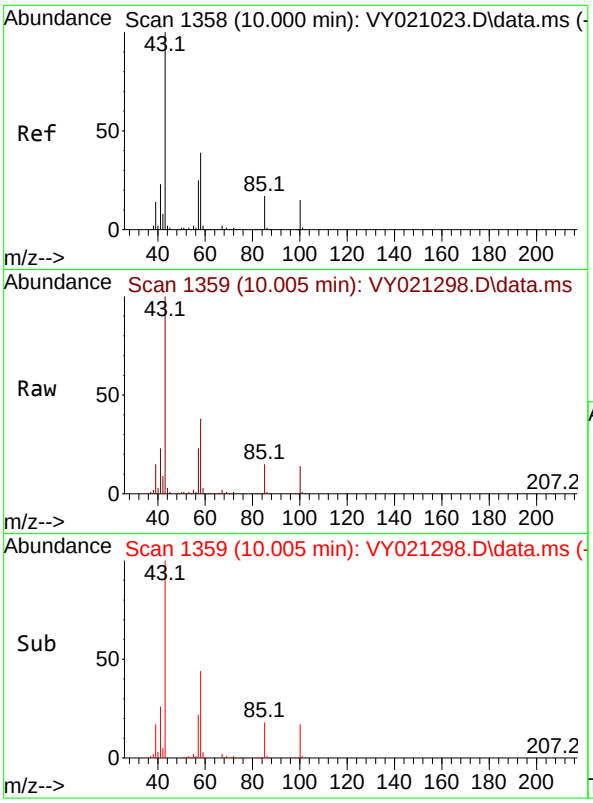


#50
Toluene-d8
Concen: 51.928 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 98 Resp: 253697

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.3	78.5



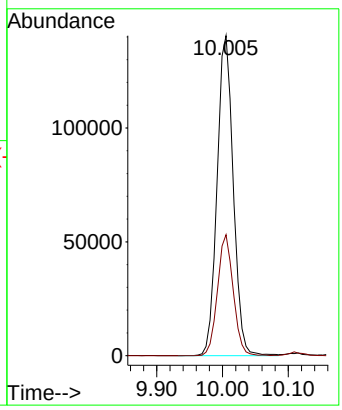


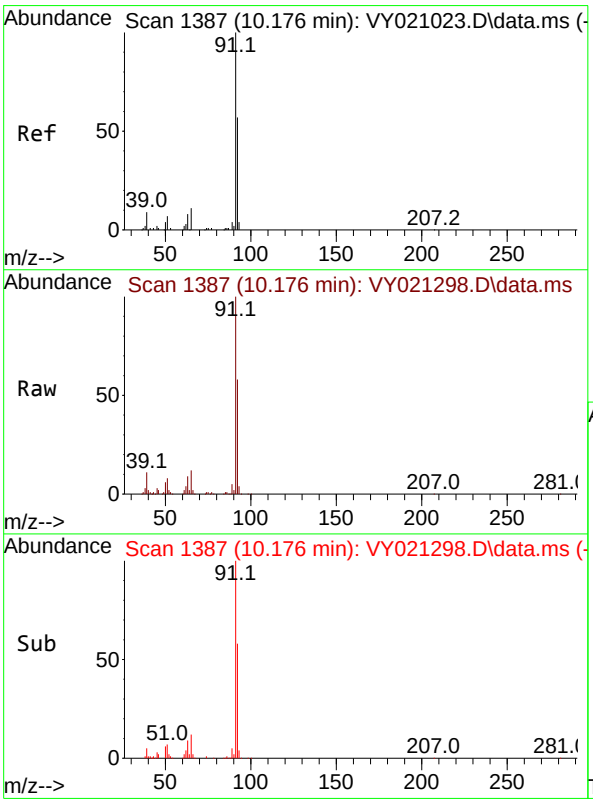
#51
4-Methyl-2-Pentanone
Concen: 288.857 ug/l
RT: 10.005 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 240674

Ion	Ratio	Lower	Upper
43	100		
58	36.8	32.2	48.2

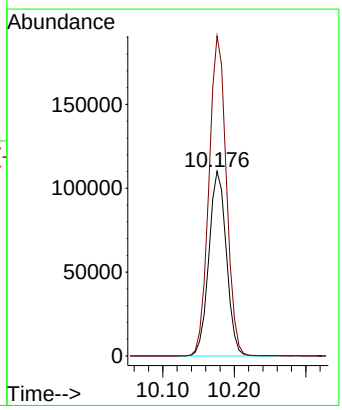


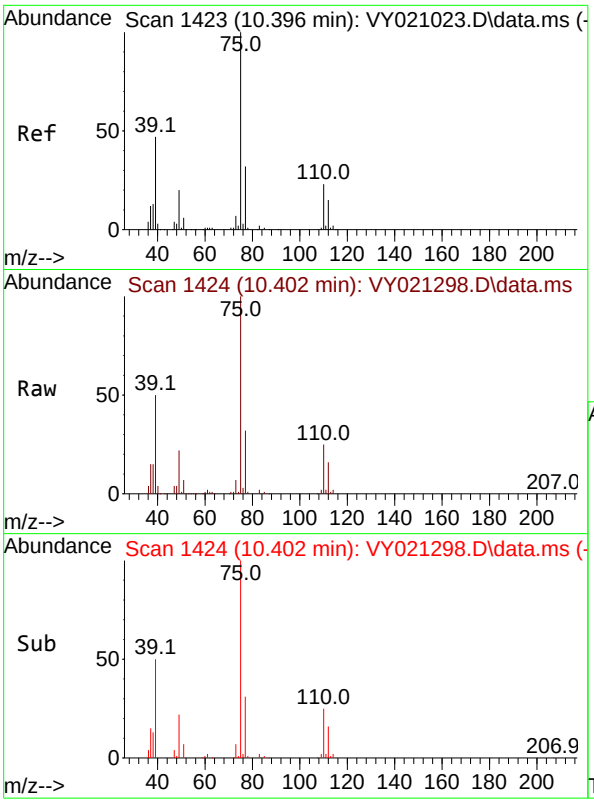


#52
Toluene
Concen: 53.357 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 92 Resp: 186882

Ion	Ratio	Lower	Upper
92	100		
91	172.4	137.6	206.4



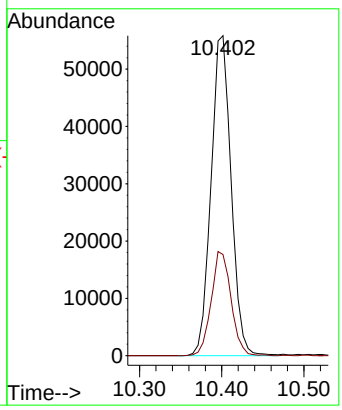


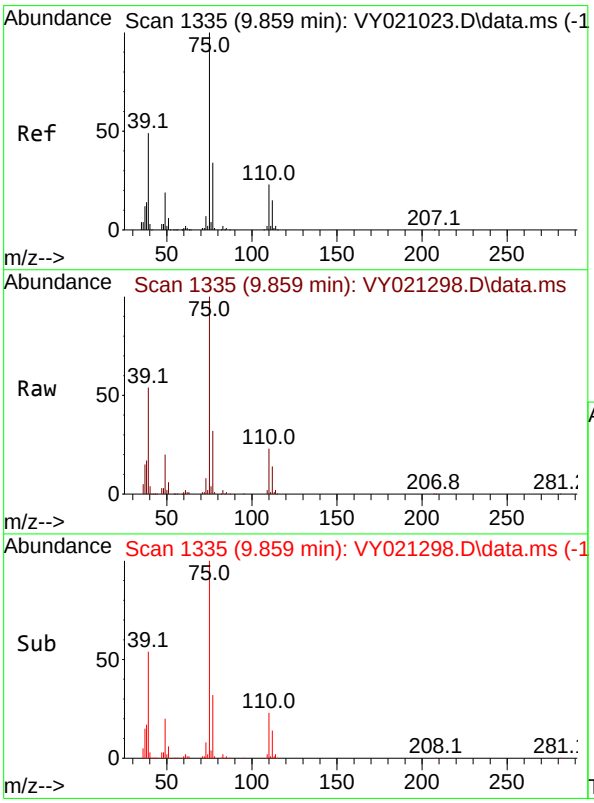
#53
t-1,3-Dichloropropene
Concen: 53.768 ug/l
RT: 10.402 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 94918

Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.6	36.8

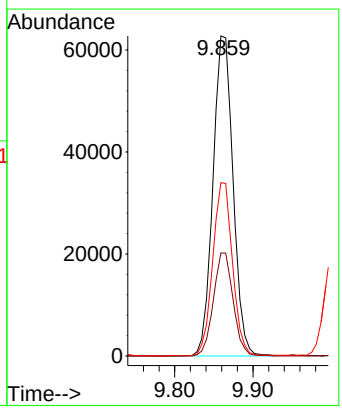


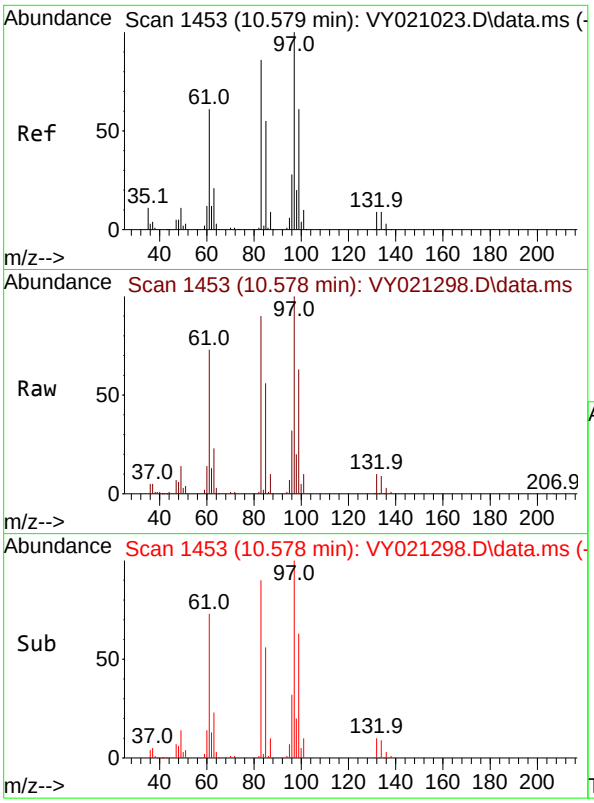


#54
cis-1,3-Dichloropropene
Concen: 53.589 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 75 Resp: 112011

Ion	Ratio	Lower	Upper
75	100		
77	32.2	24.6	36.8
39	54.1	33.6	50.4#



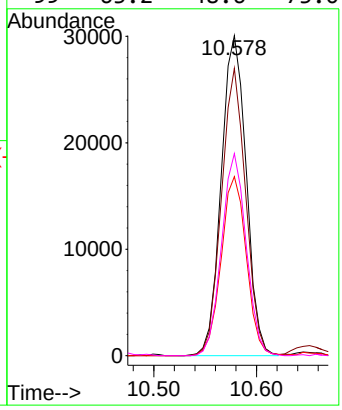


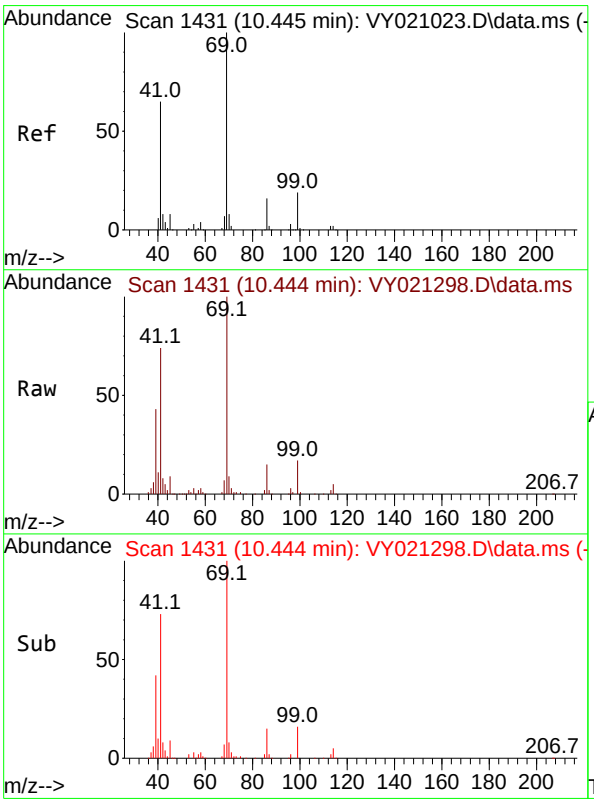
#55
1,1,2-Trichloroethane
Concen: 53.484 ug/l
RT: 10.578 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 50770

Ion	Ratio	Lower	Upper
97	100		
83	89.8	69.4	104.2
85	56.0	43.9	65.9
99	63.2	48.6	73.0

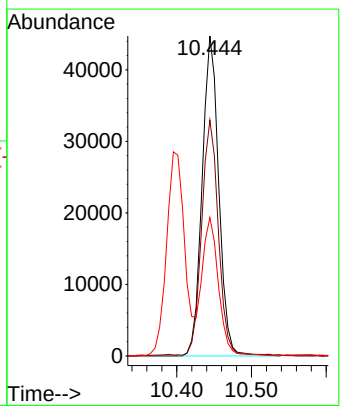


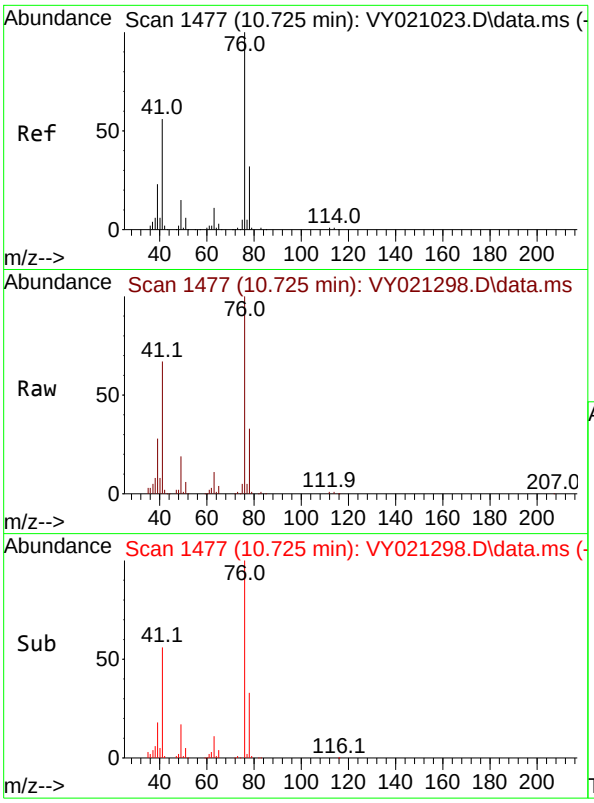


#56
Ethyl methacrylate
Concen: 54.350 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 69 Resp: 69019

Ion	Ratio	Lower	Upper
69	100		
41	74.0	49.2	73.8#
39	41.6	26.8	40.2#



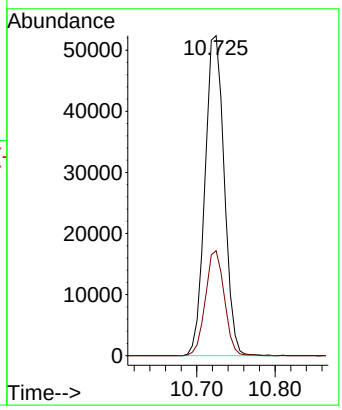


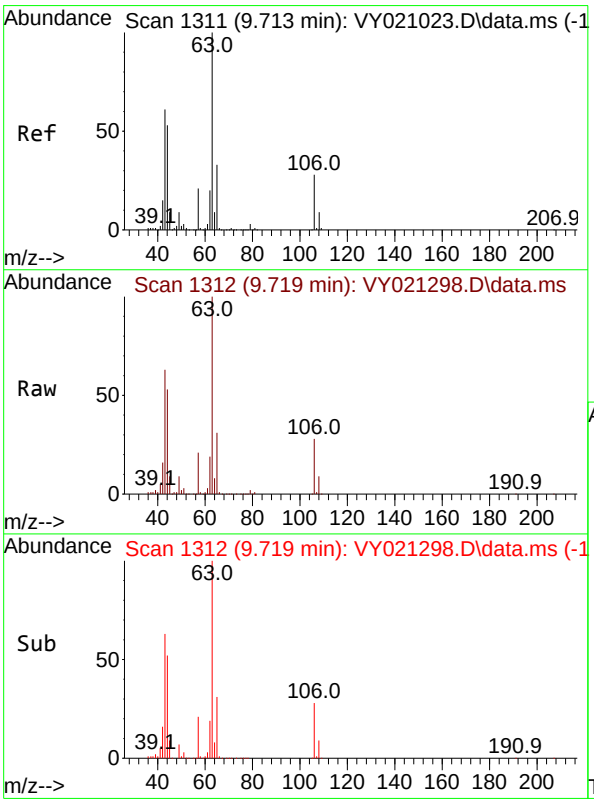
#57
1,3-Dichloropropane
Concen: 54.331 ug/l
RT: 10.725 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 89268

Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.1	39.1

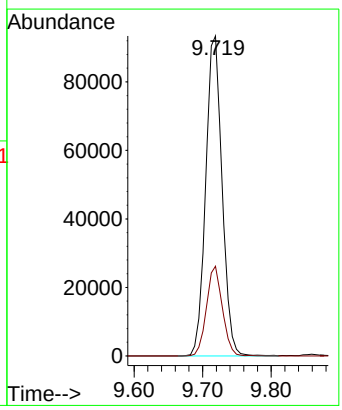


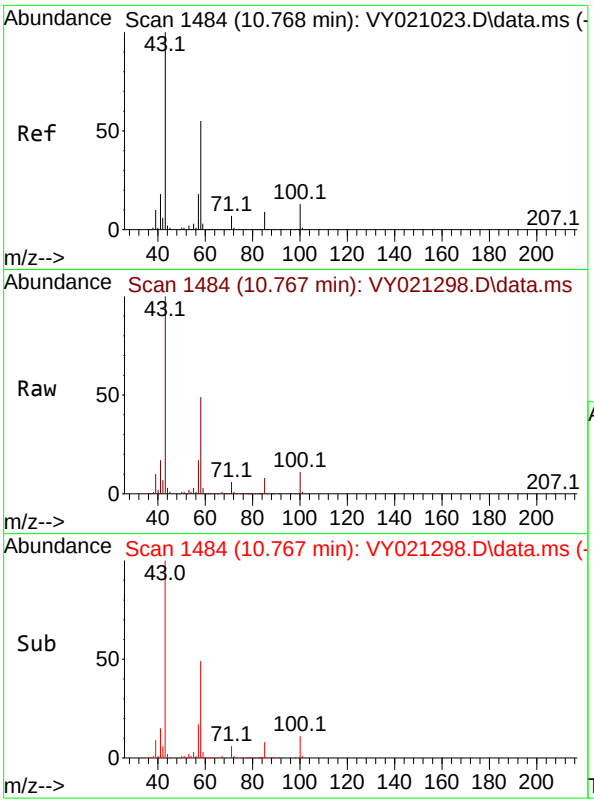


#58
2-Chloroethyl Vinyl ether
Concen: 256.535 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 63 Resp: 154985

Ion	Ratio	Lower	Upper
63	100		
106	27.3	22.4	33.6



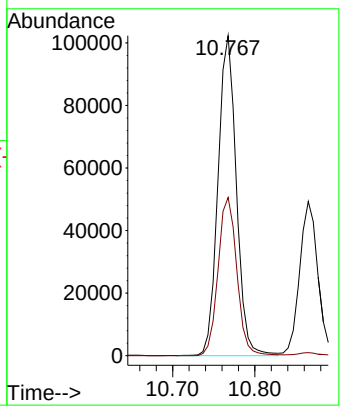


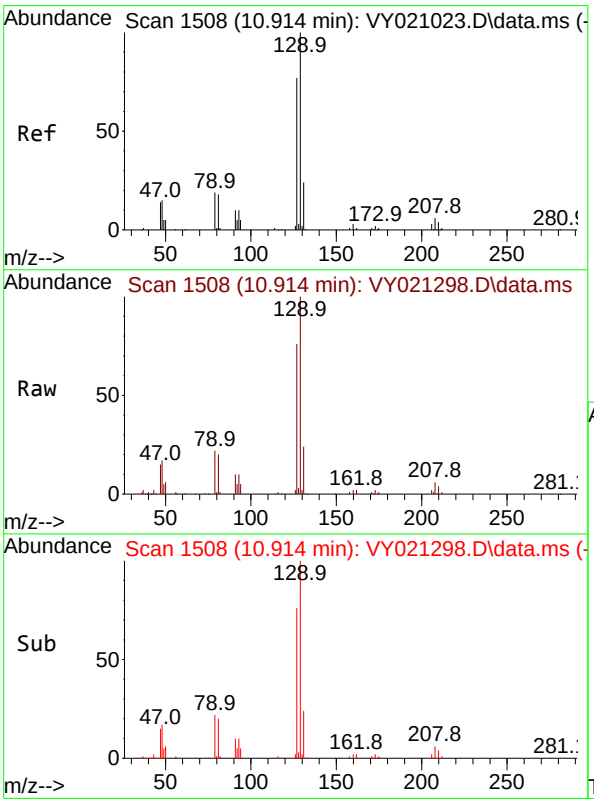
#59
2-Hexanone
Concen: 296.700 ug/l
RT: 10.767 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 159168

Ion	Ratio	Lower	Upper
43	100		
58	50.6	28.1	84.3

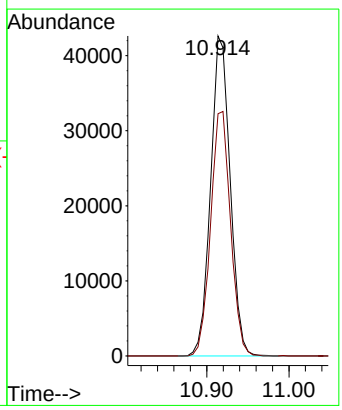


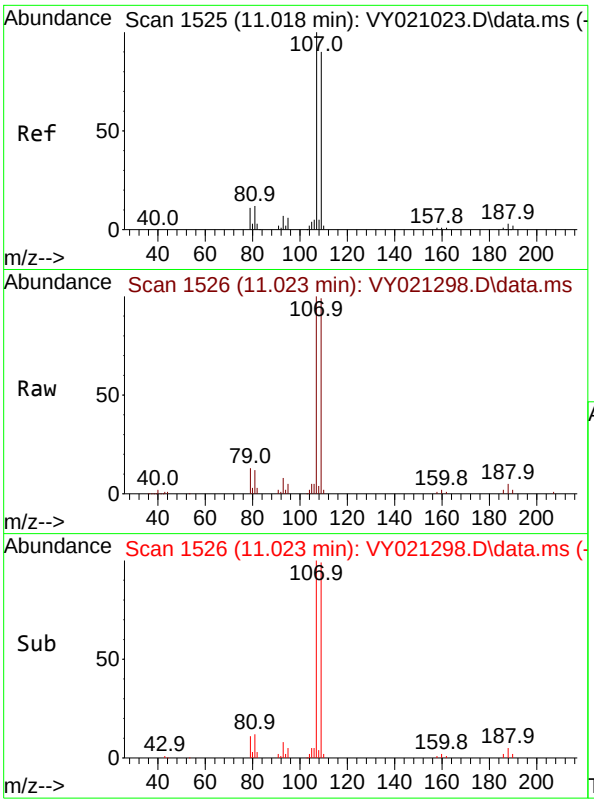


#60
Dibromochloromethane
Concen: 52.855 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:129 Resp: 70461

Ion	Ratio	Lower	Upper
129	100		
127	77.9	39.2	117.6



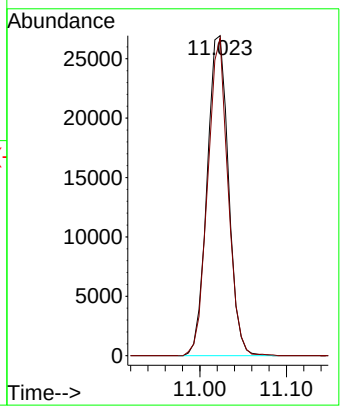


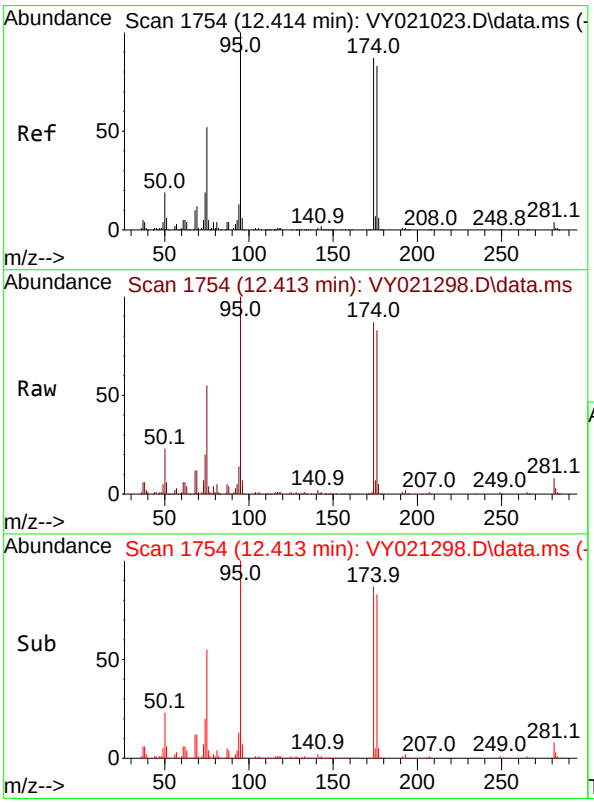
#61
1,2-Dibromoethane
Concen: 51.889 ug/l
RT: 11.023 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 46137

Ion	Ratio	Lower	Upper
107	100		
109	94.3	75.4	113.2

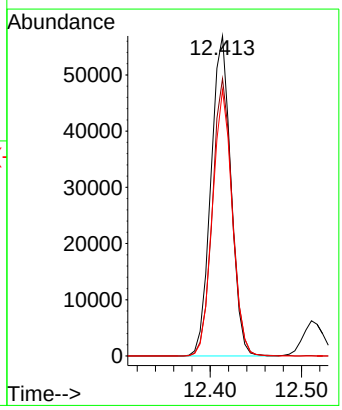


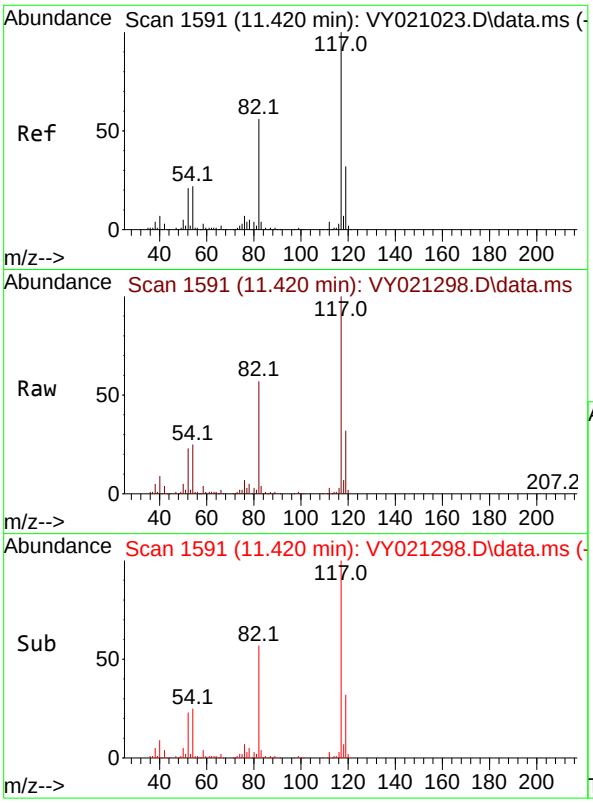


#62
4-Bromofluorobenzene
Concen: 54.149 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 95 Resp: 86427

Ion	Ratio	Lower	Upper
95	100		
174	85.7	0.0	160.0
176	82.5	0.0	151.8



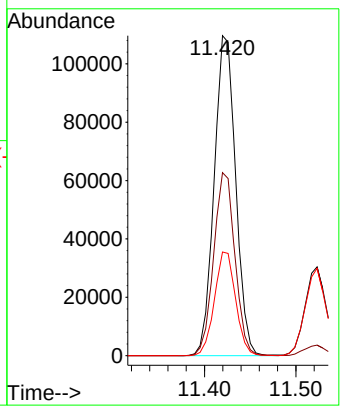


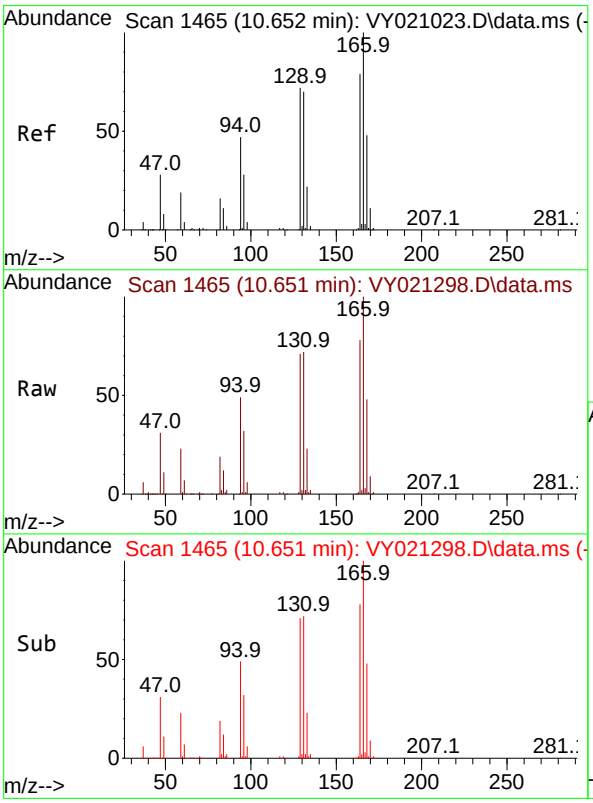
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 179395

Ion	Ratio	Lower	Upper
117	100		
82	57.2	43.8	65.8
119	32.4	26.5	39.7

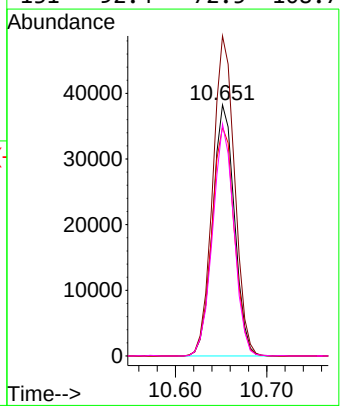


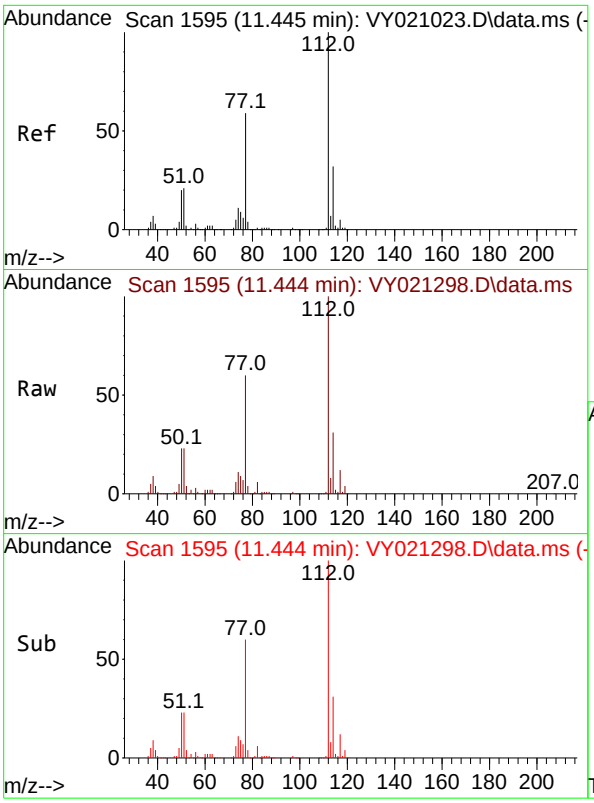


#64
Tetrachloroethene
Concen: 47.707 ug/l
RT: 10.651 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:164 Resp: 63533

Ion	Ratio	Lower	Upper
164	100		
166	127.5	98.8	148.2
129	91.1	78.9	118.3
131	92.4	72.5	108.7



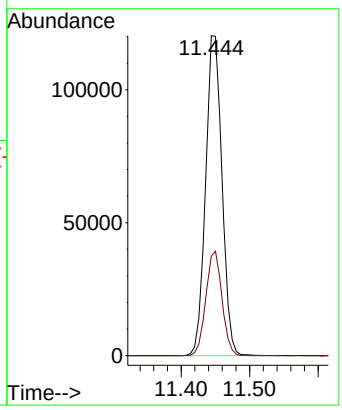


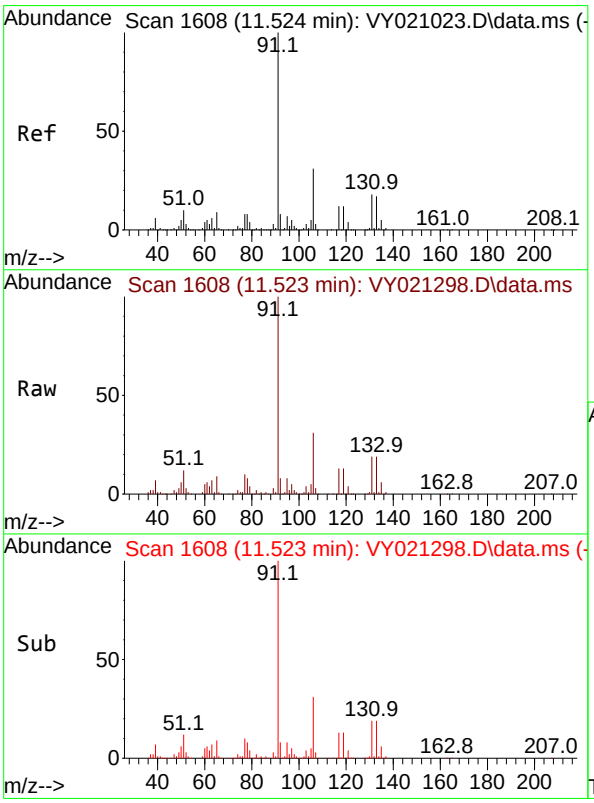
#65
Chlorobenzene
Concen: 50.154 ug/l
RT: 11.444 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 200342

Ion	Ratio	Lower	Upper
112	100		
114	31.1	26.1	39.1

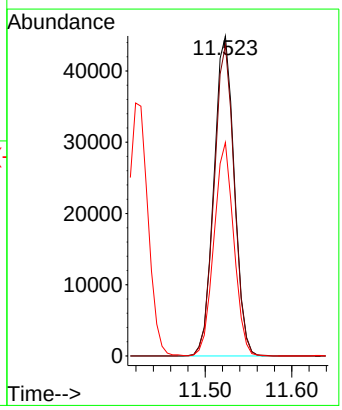


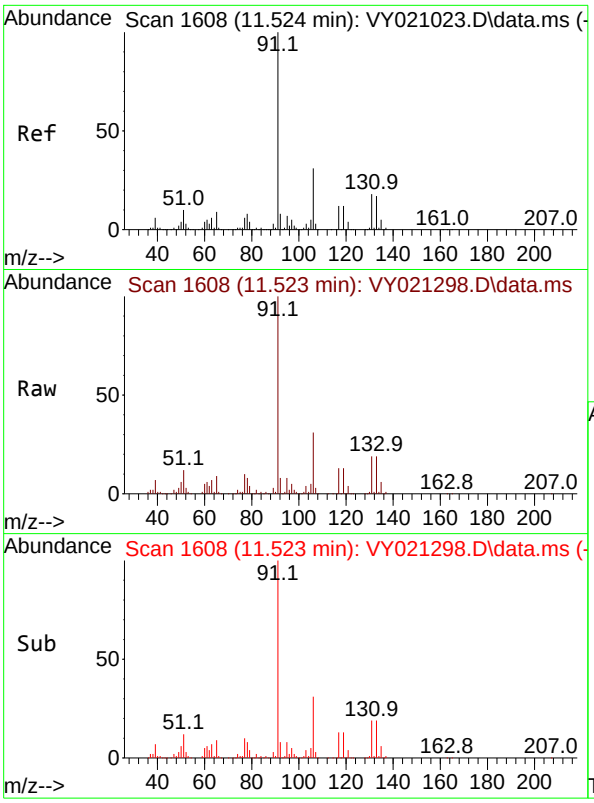


#66
1,1,1,2-Tetrachloroethane
Concen: 51.667 ug/l
RT: 11.523 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:131 Resp: 73344

Ion	Ratio	Lower	Upper
131	100		
133	96.0	47.0	141.0
119	64.9	33.3	99.9



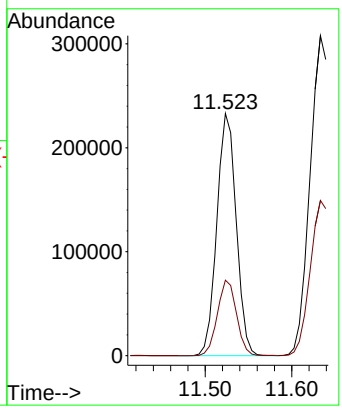


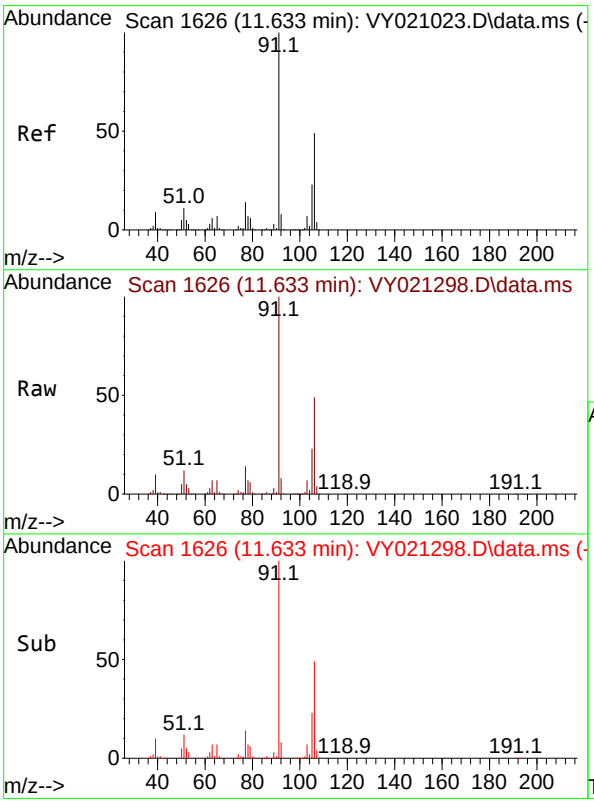
#67
Ethyl Benzene
Concen: 51.210 ug/l
RT: 11.523 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 361813

Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.0	37.4

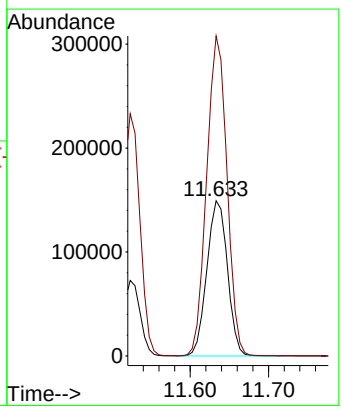


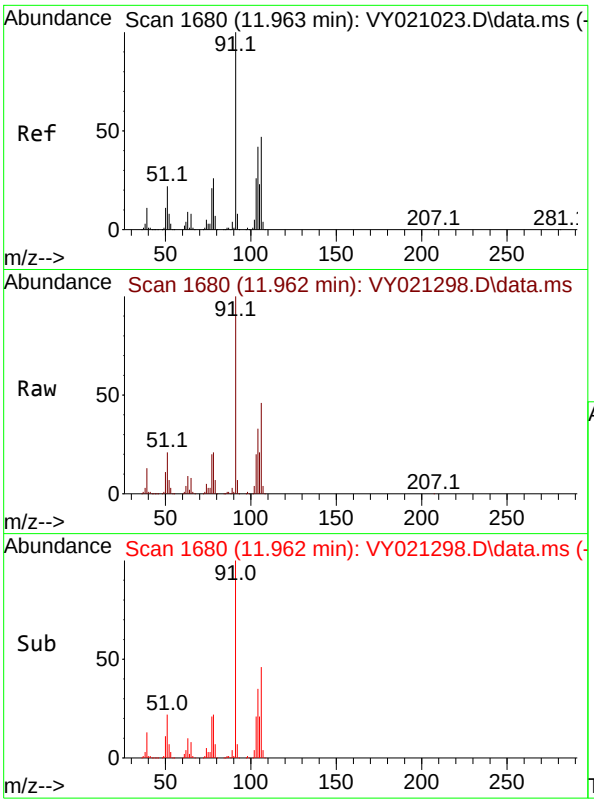


#68
m/p-Xylenes
Concen: 102.873 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:106 Resp: 271905

Ion	Ratio	Lower	Upper
106	100		
91	203.9	160.7	241.1



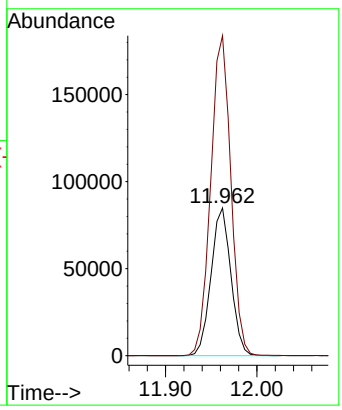


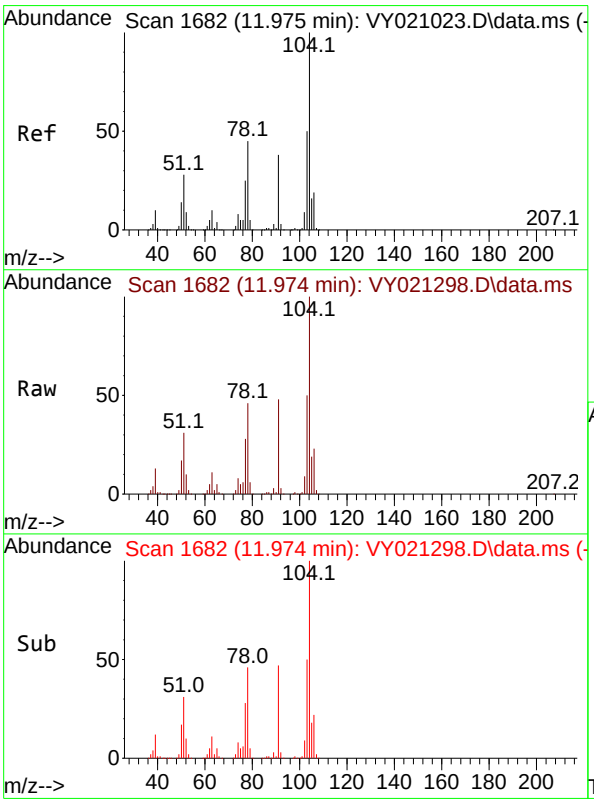
#69
o-Xylene
Concen: 52.018 ug/l
RT: 11.962 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 128186

Ion	Ratio	Lower	Upper
106	100		
91	219.3	106.5	319.5

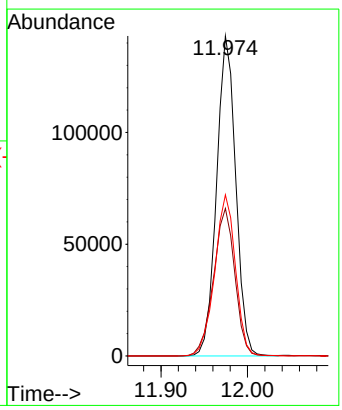


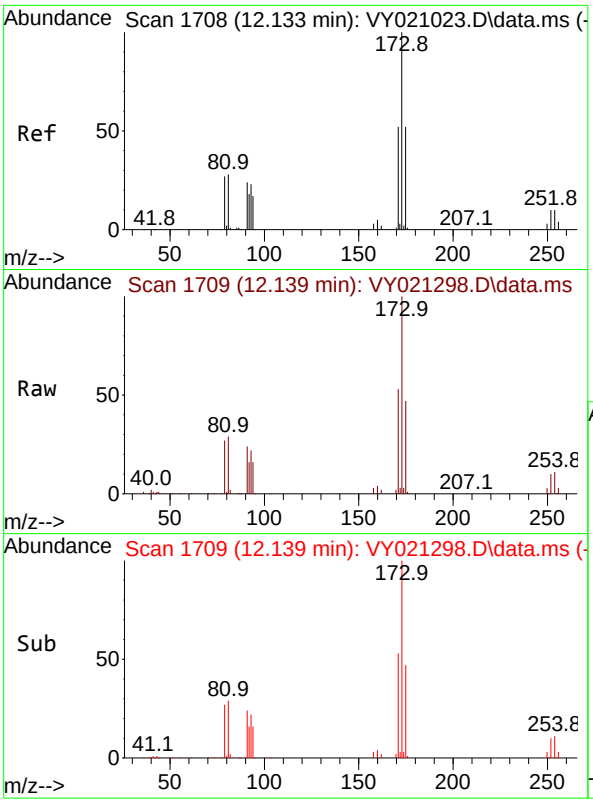


#70
Styrene
Concen: 53.599 ug/l
RT: 11.974 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:104 Resp: 220140

Ion	Ratio	Lower	Upper
104	100		
78	51.3	39.2	58.8
103	54.7	43.8	65.6



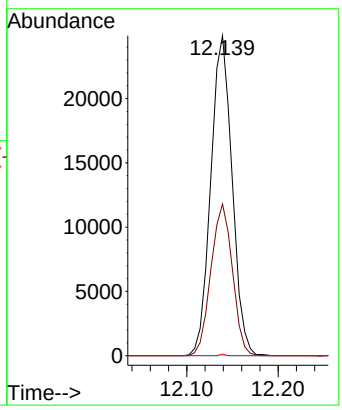


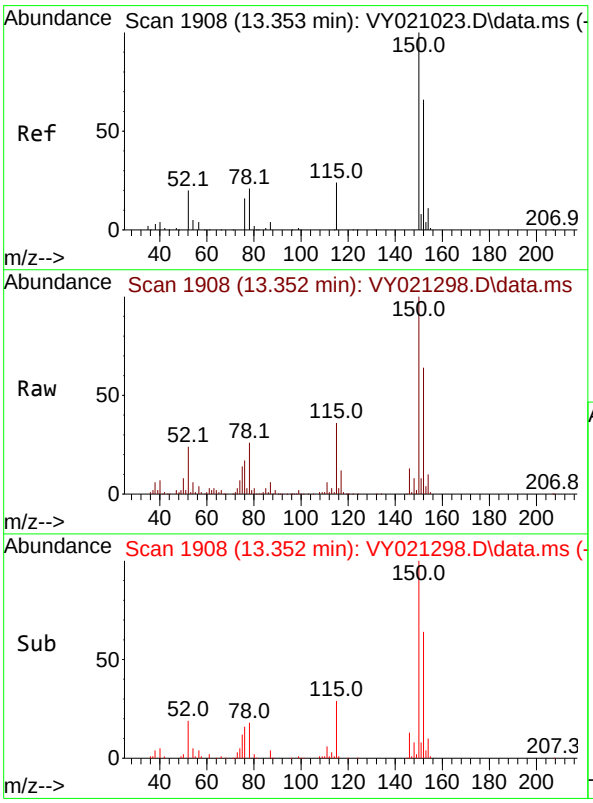
#71
Bromoform
Concen: 50.984 ug/l
RT: 12.139 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 40285

Ion	Ratio	Lower	Upper
173	100		
175	47.6	23.5	70.6
254	0.1	0.0	0.0#

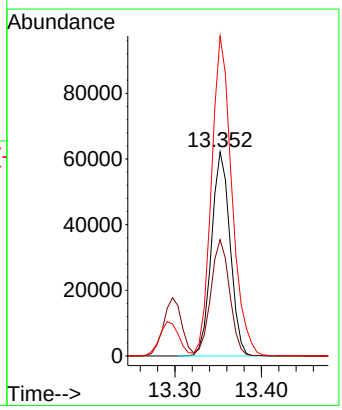


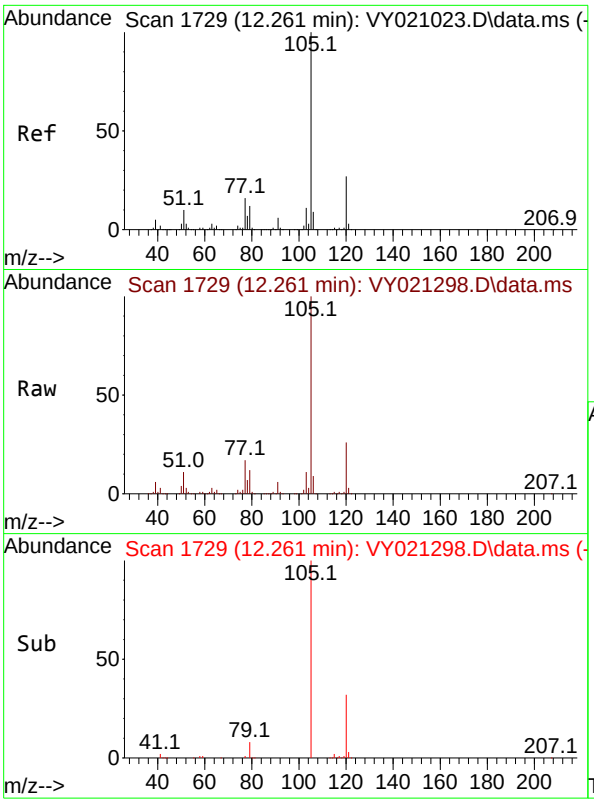


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:152 Resp: 92699

Ion	Ratio	Lower	Upper
152	100		
115	57.8	30.0	90.0
150	171.5	0.0	344.6



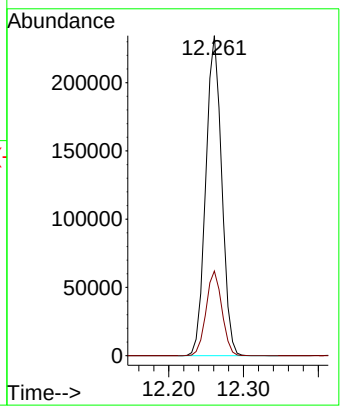


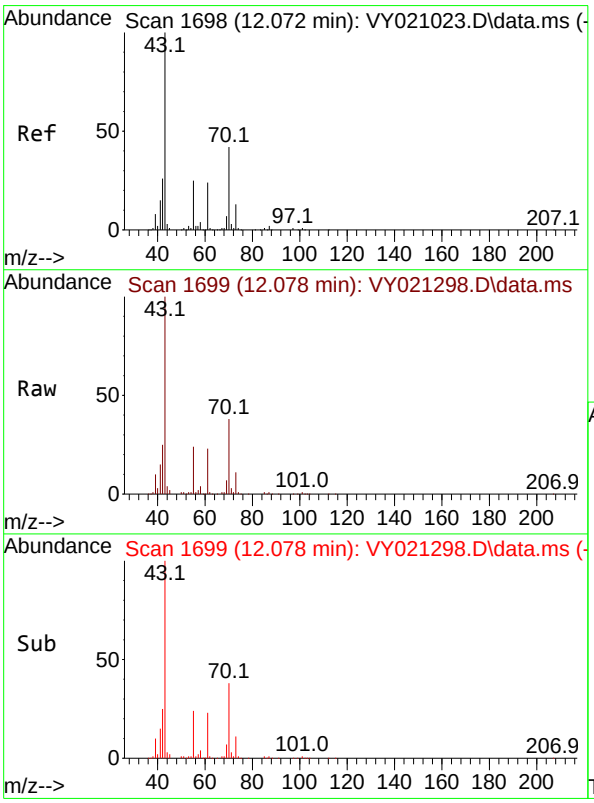
#73
Isopropylbenzene
Concen: 47.897 ug/l
RT: 12.261 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 346825

Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.0	39.0

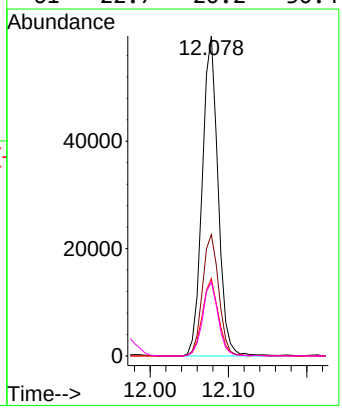


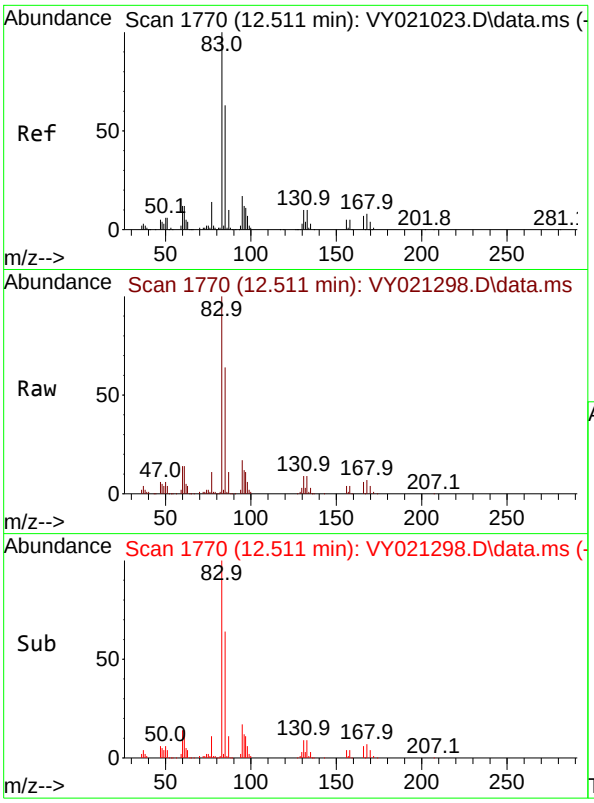


#74
N-amyl acetate
Concen: 52.822 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 43 Resp: 83623

Ion	Ratio	Lower	Upper
43	100		
70	39.2	36.6	55.0
55	24.5	22.2	33.4
61	22.7	20.2	30.4



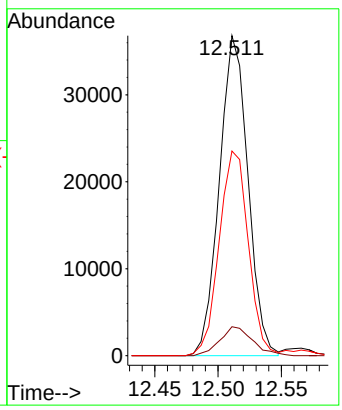


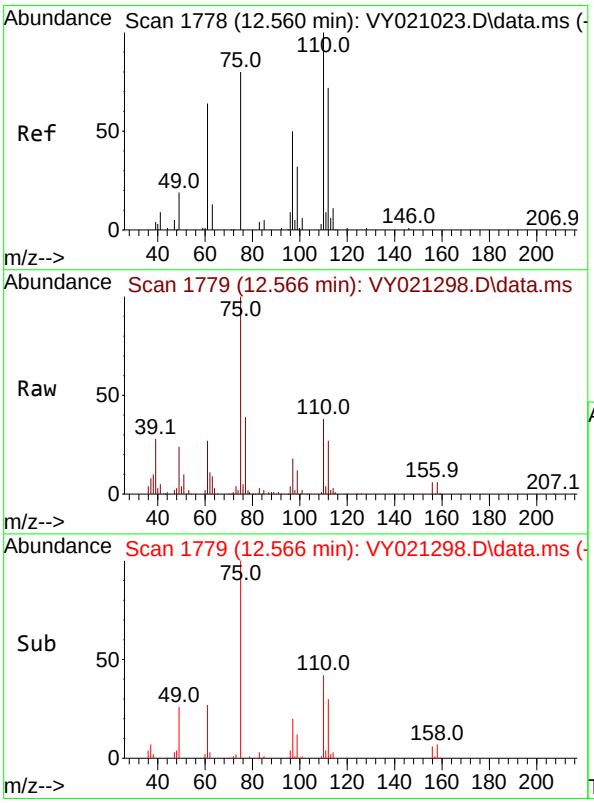
#75
1,1,2,2-Tetrachloroethane
Concen: 48.050 ug/l
RT: 12.511 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 57866

Ion	Ratio	Lower	Upper
83	100		
131	10.4	4.9	14.6
85	65.1	32.6	98.0

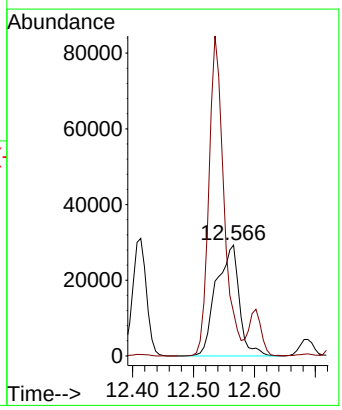


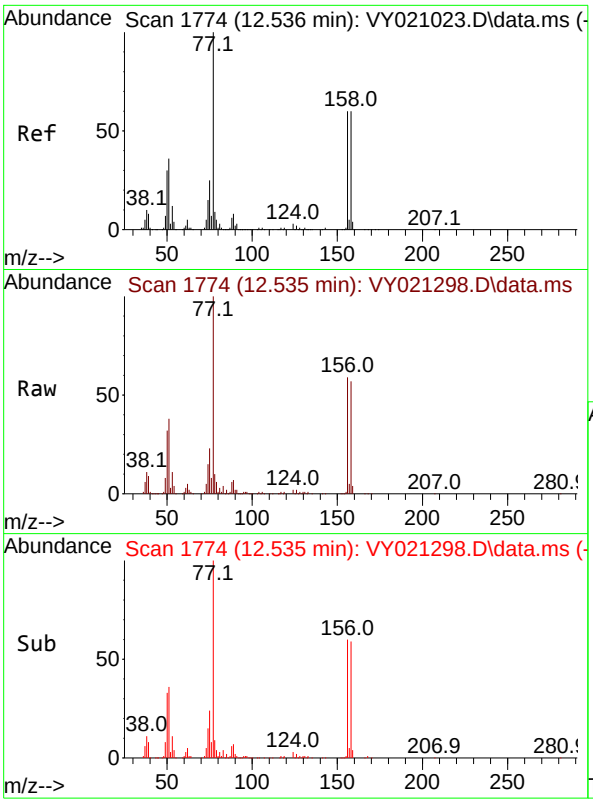


#76
1,2,3-Trichloropropane
Concen: 91.424 ug/l
RT: 12.566 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 75 Resp: 76878

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



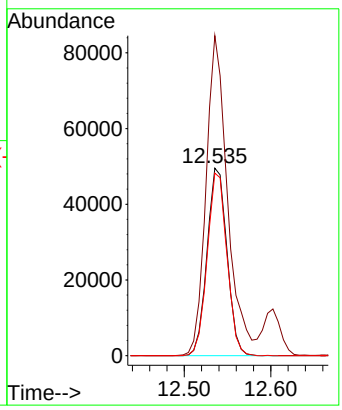


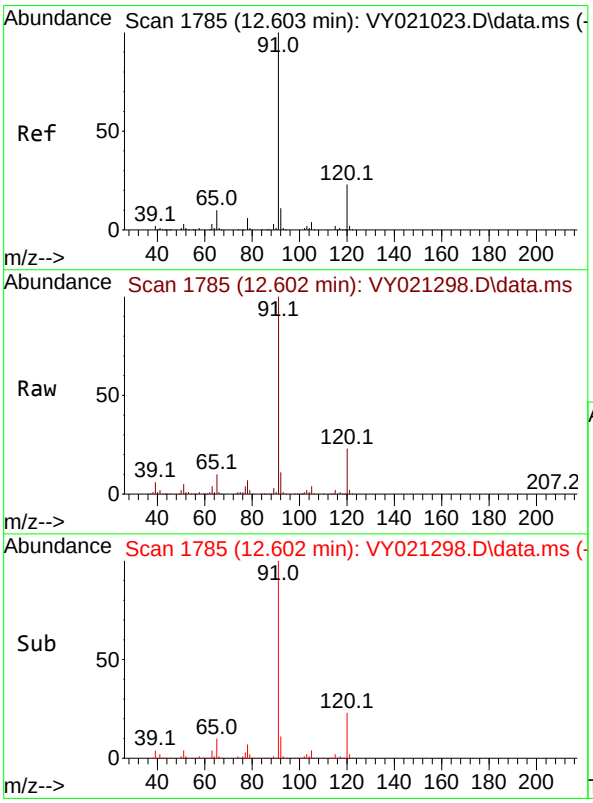
#77
Bromobenzene
Concen: 47.390 ug/l
RT: 12.535 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 79189

Ion	Ratio	Lower	Upper
156	100		
77	183.0	97.3	291.8
158	96.4	48.4	145.0

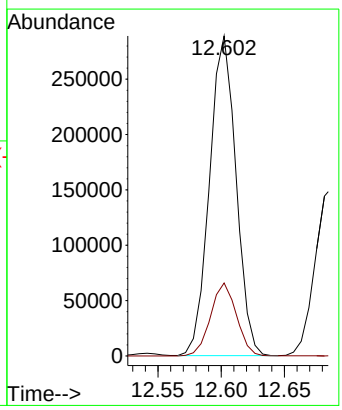


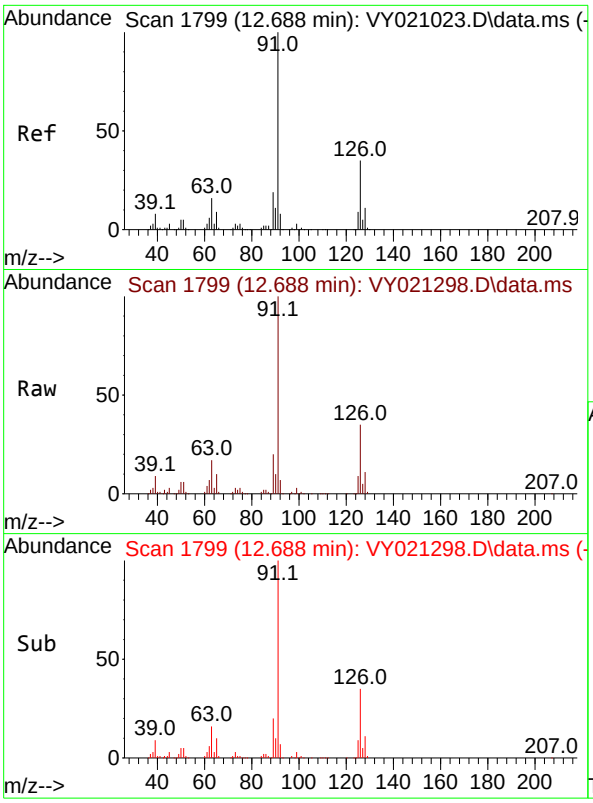


#78
n-propylbenzene
Concen: 48.809 ug/l
RT: 12.602 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 91 Resp: 421016

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.0	33.0



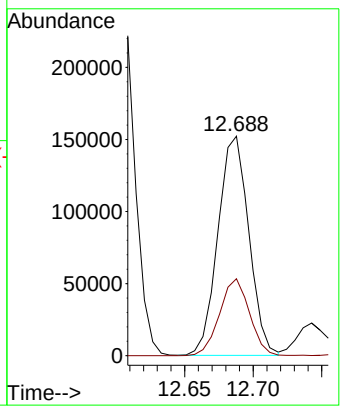


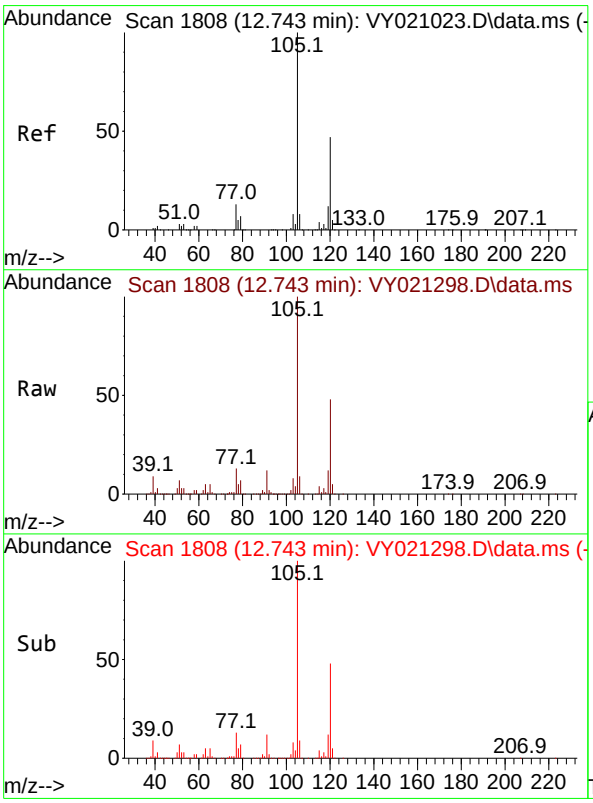
#79
2-Chlorotoluene
Concen: 48.301 ug/l
RT: 12.688 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 238624

Ion	Ratio	Lower	Upper
91	100		
126	34.0	17.0	51.0

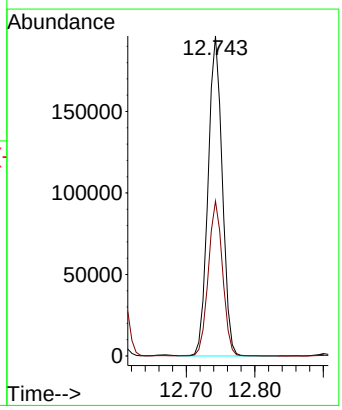


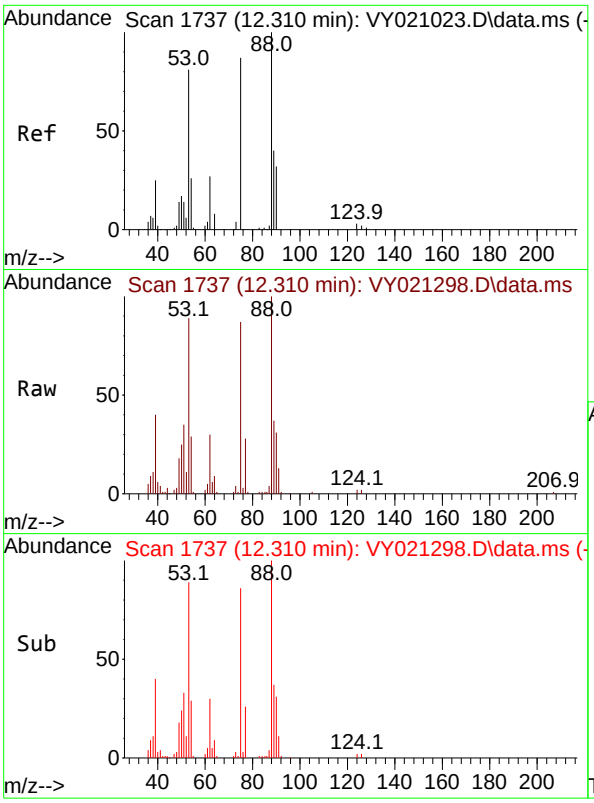


#80
1,3,5-Trimethylbenzene
Concen: 48.192 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:105 Resp: 282926

Ion	Ratio	Lower	Upper
105	100		
120	48.6	24.3	72.8



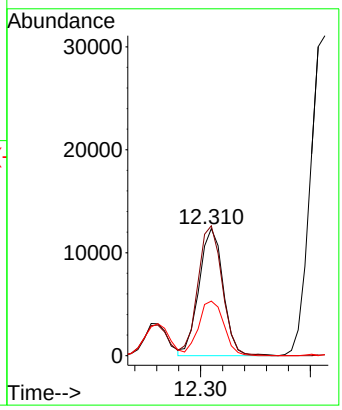


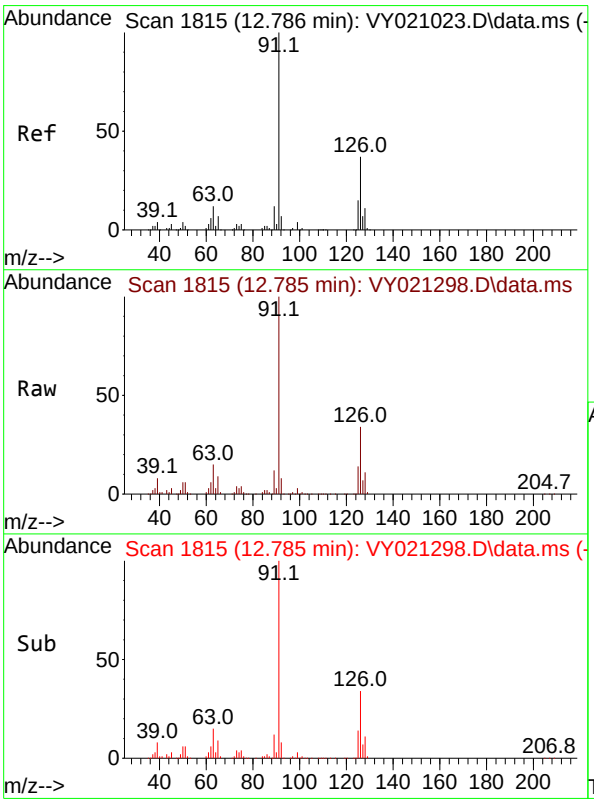
#81
trans-1,4-Dichloro-2-butene
Concen: 45.910 ug/l
RT: 12.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 18920

Ion	Ratio	Lower	Upper
75	100		
53	103.3	74.0	111.0
89	44.6	36.5	54.7

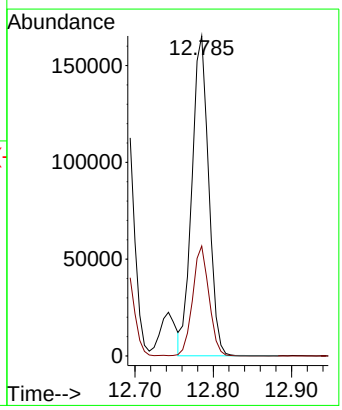


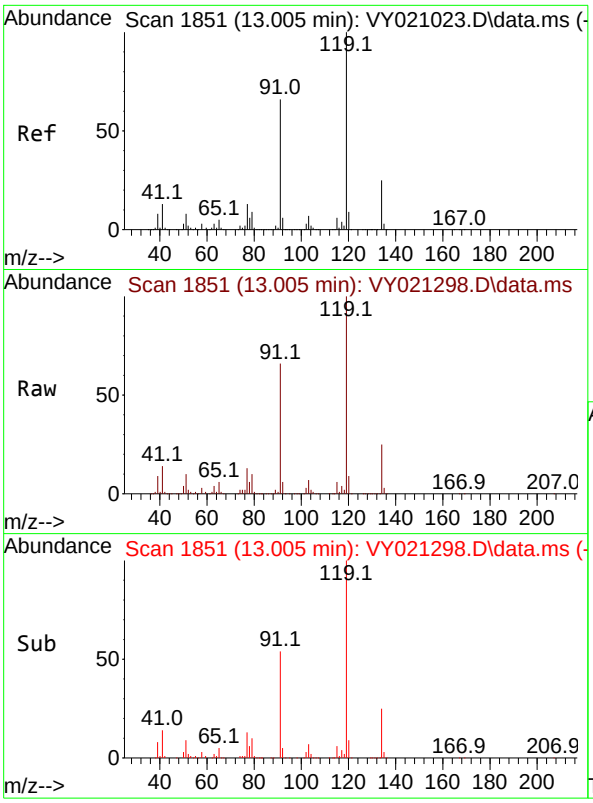


#82
4-Chlorotoluene
Concen: 48.800 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 91 Resp: 245636

Ion	Ratio	Lower	Upper
91	100		
126	33.6	17.1	51.2



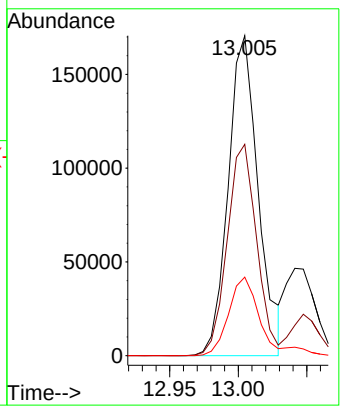


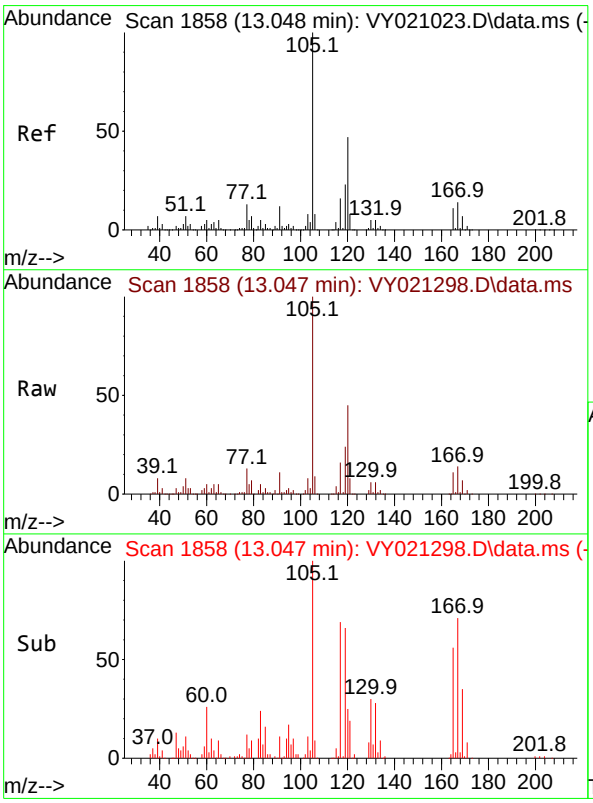
#83
tert-Butylbenzene
Concen: 48.787 ug/l
RT: 13.005 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 260345

Ion	Ratio	Lower	Upper
119	100		
91	64.7	31.5	94.5
134	26.2	13.1	39.3

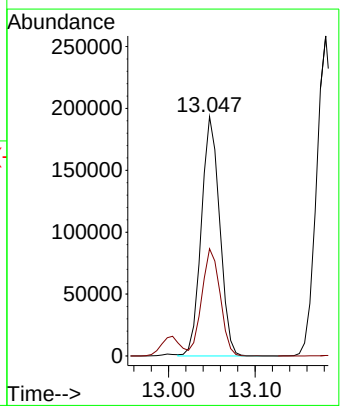


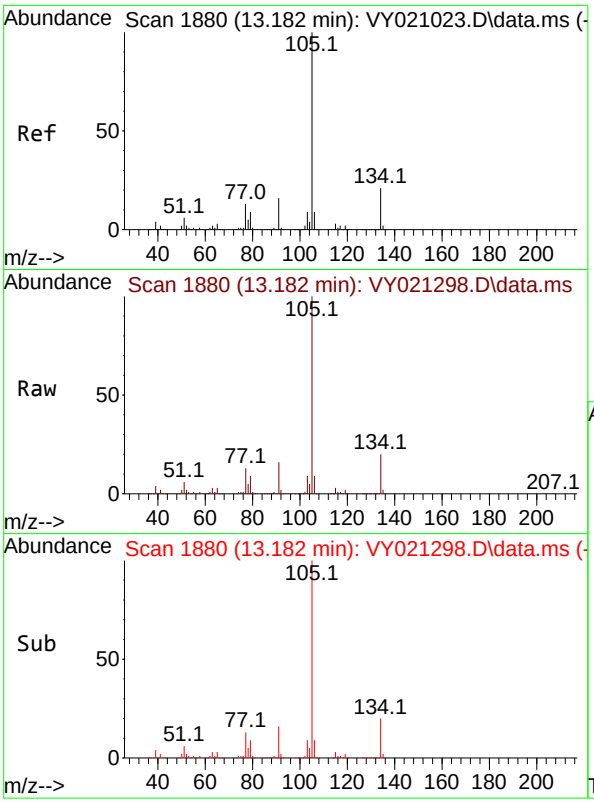


#84
1,2,4-Trimethylbenzene
Concen: 49.493 ug/l
RT: 13.047 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:105 Resp: 284109

Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.1	66.3



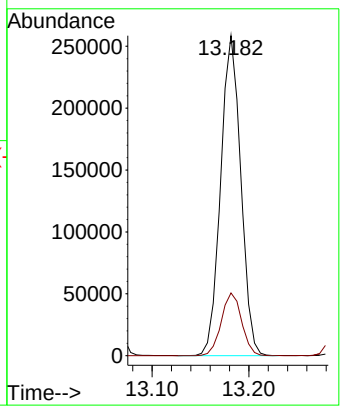


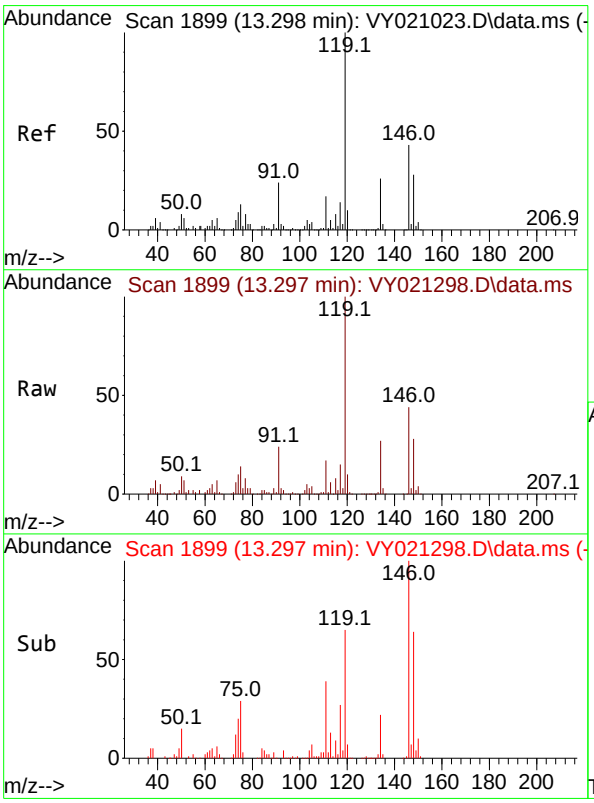
#85
sec-Butylbenzene
Concen: 48.640 ug/l
RT: 13.182 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 373628

Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.7	28.9

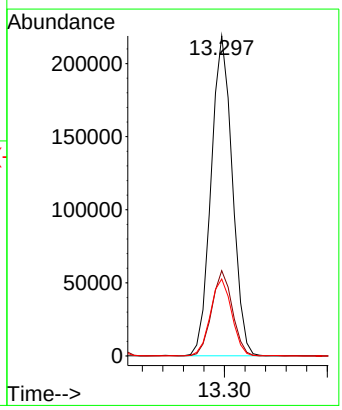


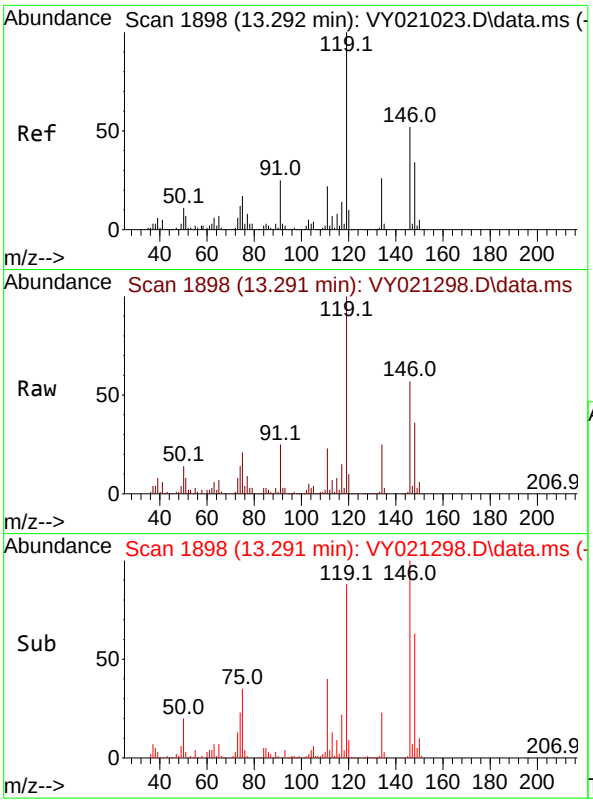


#86
p-Isopropyltoluene
Concen: 49.066 ug/l
RT: 13.297 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:119 Resp: 313085

Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.1	39.1
91	24.1	11.7	35.0



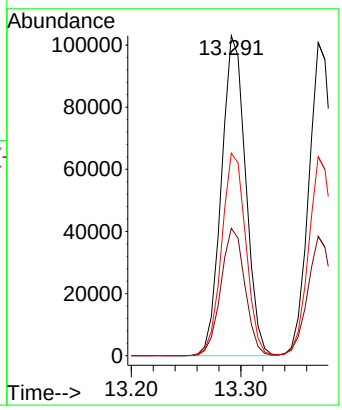


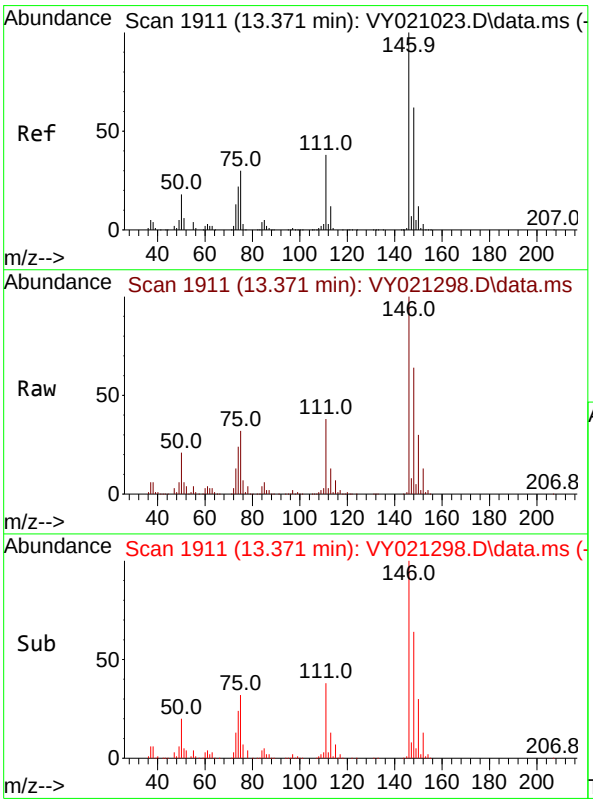
#87
1,3-Dichlorobenzene
Concen: 48.998 ug/l
RT: 13.291 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 158092

Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.2	60.5
148	63.2	31.9	95.9

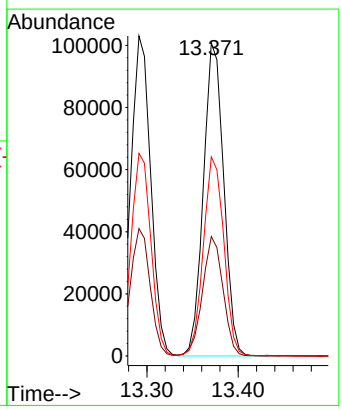


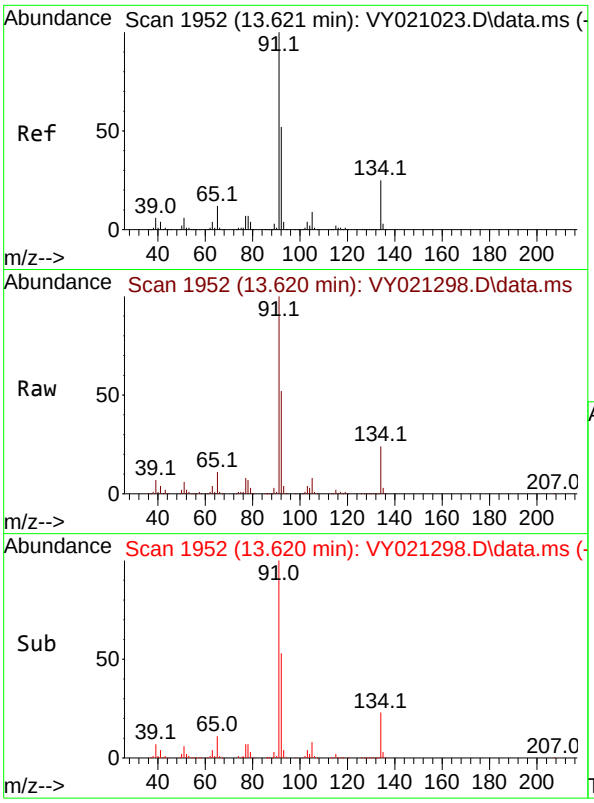


#88
1,4-Dichlorobenzene
Concen: 49.004 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:146 Resp: 155677

Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.9
148	64.0	31.6	94.7



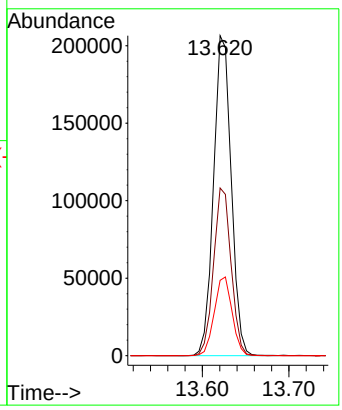


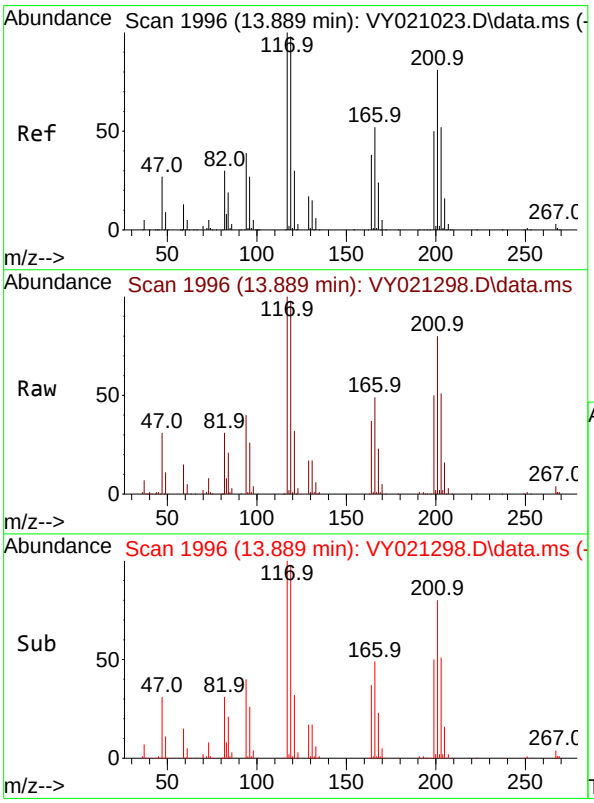
#89
n-Butylbenzene
Concen: 50.284 ug/l
RT: 13.620 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 292709

Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.4	79.2
134	24.8	12.3	36.8

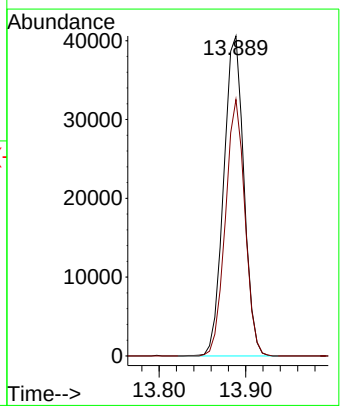


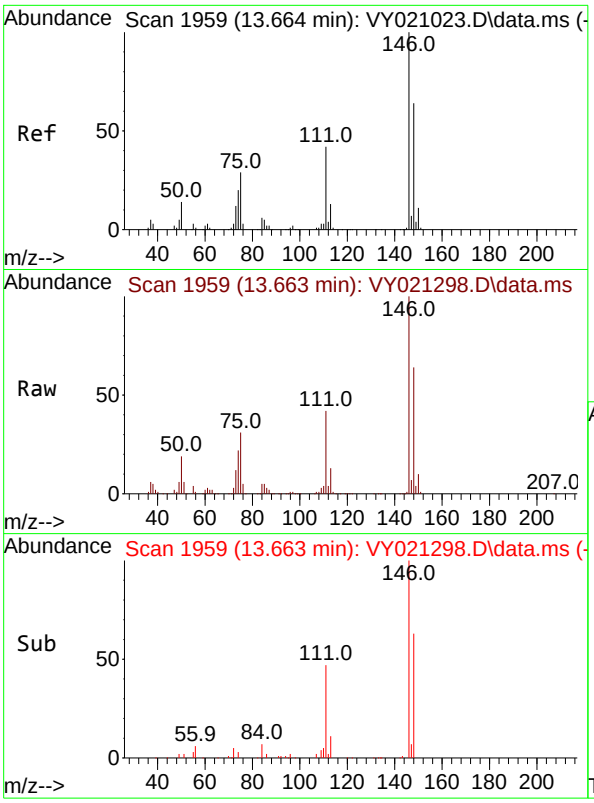


#90
Hexachloroethane
Concen: 49.420 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:117 Resp: 65786

Ion	Ratio	Lower	Upper
117	100		
201	77.4	33.4	100.1



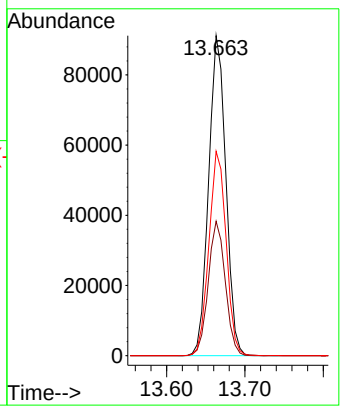


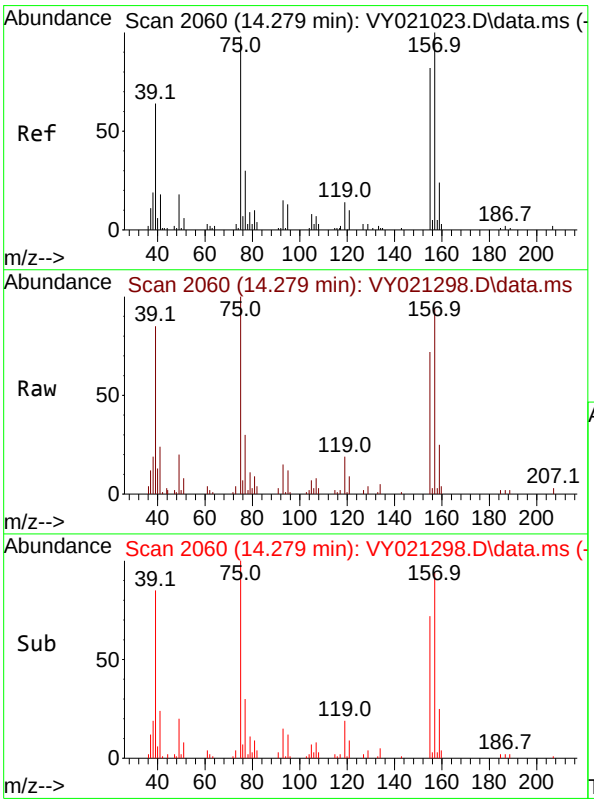
#91
1,2-Dichlorobenzene
Concen: 49.608 ug/l
RT: 13.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 138923

Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.5	61.6
148	64.1	31.4	94.3

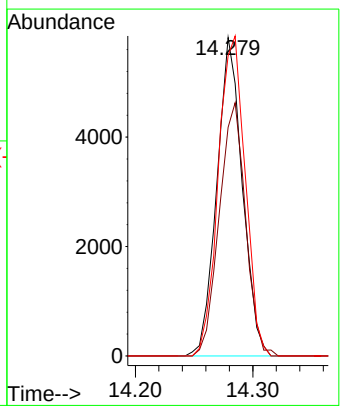


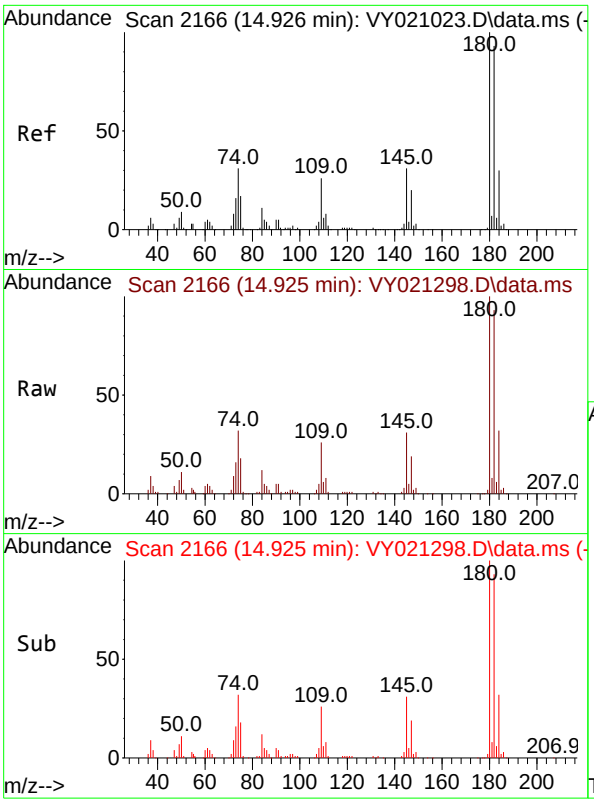


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.777 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 75 Resp: 8778

Ion	Ratio	Lower	Upper
75	100		
155	81.7	42.1	126.3
157	105.8	55.8	167.4



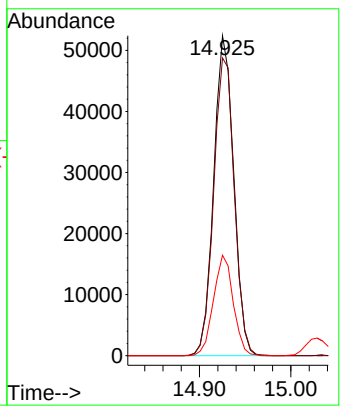


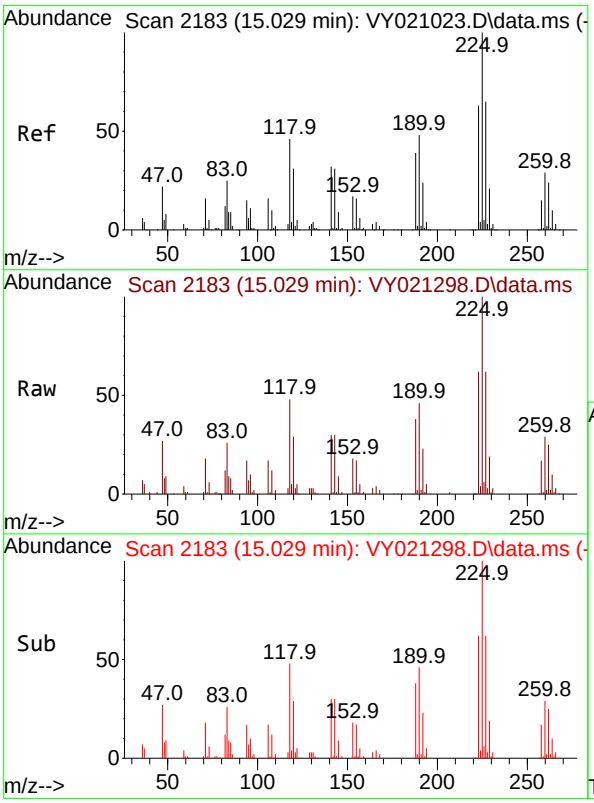
#93
1,2,4-Trichlorobenzene
Concen: 51.098 ug/l
RT: 14.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 79651

Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.9	143.7
145	31.0	15.9	47.7

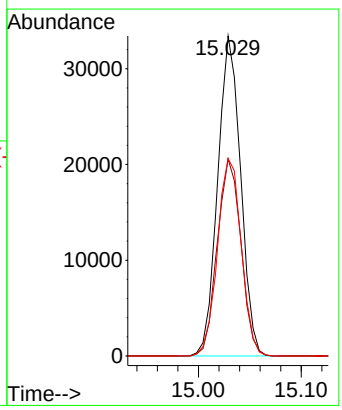


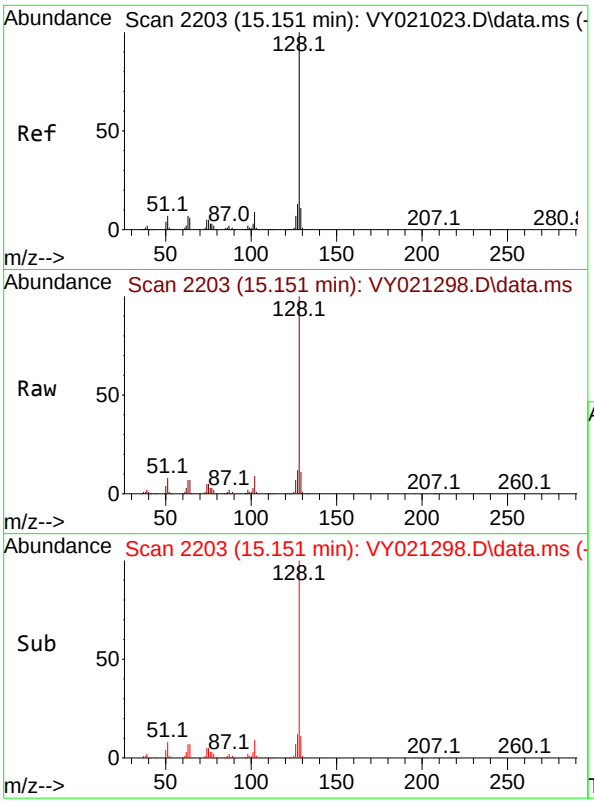


#94
Hexachlorobutadiene
Concen: 50.024 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:225 Resp: 51673

Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.4	94.3
227	64.1	32.3	96.8



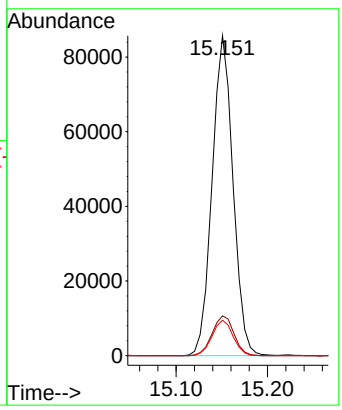


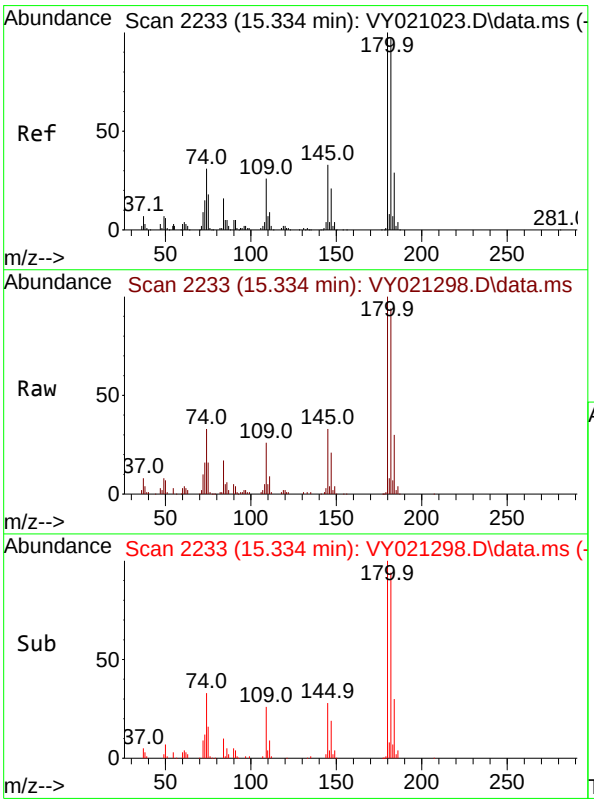
#95
Naphthalene
Concen: 54.500 ug/l
RT: 15.151 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 135915

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.2	8.6	12.8

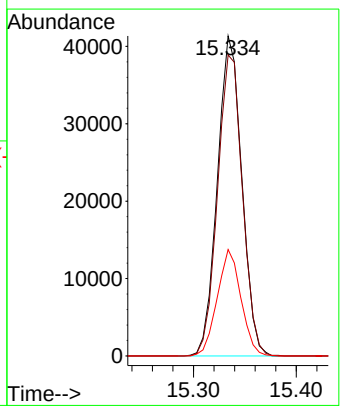




#96
1,2,3-Trichlorobenzene
Concen: 52.553 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:180 Resp: 68173

Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.3	138.8
145	32.4	16.1	48.2



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021309.D
Acq On : 25 Feb 2025 12:40
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Feb 26 01:42:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.707	168	177514	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.616	114	289913	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.414	117	247837	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	118690	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.061	65	12088	6.003	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	12.000%#			
35) Dibromofluoromethane	7.634	113	10715	5.637	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	11.280%#			
50) Toluene-d8	10.103	98	41158	5.603	ug/l		0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	11.200%#			
62) 4-Bromofluorobenzene	12.408	95	14192	5.741	ug/l		0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	11.480%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.861	85	9045	5.374	ug/l		99
3) Chloromethane	2.068	50	12591	5.793	ug/l		97
4) Vinyl Chloride	2.202	62	11497	5.389	ug/l		93
5) Bromomethane	2.598	94	8962	6.321	ug/l		99
6) Chloroethane	2.733	64	7351	5.556	ug/l		99
7) Trichlorofluoromethane	3.056	101	17319	5.375	ug/l	#	83
8) Diethyl Ether	3.458	74	4897	5.064	ug/l		89
9) 1,1,2-Trichlorotrifluo...	3.806	101	9686	5.193	ug/l		96
10) Methyl Iodide	4.001	142	8728	4.447	ug/l		99
11) Tert butyl alcohol	4.848	59	5165	33.345	ug/l	#	84
12) 1,1-Dichloroethene	3.787	96	9671	5.415	ug/l		90
13) Acrolein	3.647	56	5798	48.848	ug/l		99
14) Allyl chloride	4.379	41	16498	5.210	ug/l		99
15) Acrylonitrile	5.055	53	10830	25.330	ug/l		98
16) Acetone	3.866	43	10823	28.018	ug/l		99
17) Carbon Disulfide	4.104	76	31953	5.387	ug/l		99
18) Methyl Acetate	4.391	43	5062	5.362	ug/l	#	54
19) Methyl tert-butyl Ether	5.110	73	23290	4.935	ug/l		100
20) Methylene Chloride	4.610	84	13003	6.225	ug/l		93
21) trans-1,2-Dichloroethene	5.110	96	10455	5.317	ug/l		98
22) Diisopropyl ether	6.012	45	32640	4.981	ug/l	#	86
23) Vinyl Acetate	5.958	43	94244	24.067	ug/l		99
24) 1,1-Dichloroethane	5.915	63	19538	5.290	ug/l		98
25) 2-Butanone	6.890	43	14341	24.599	ug/l	#	88
26) 2,2-Dichloropropane	6.884	77	18391	5.488	ug/l		100
27) cis-1,2-Dichloroethene	6.890	96	11522	5.132	ug/l		97
28) Bromochloromethane	7.244	49	9318	5.702	ug/l		99
29) Tetrahydrofuran	7.262	42	9319	24.455	ug/l		99
30) Chloroform	7.421	83	20025	5.351	ug/l		98
31) Cyclohexane	7.701	56	20990	5.912	ug/l	#	86
32) 1,1,1-Trichloroethane	7.616	97	18106	5.315	ug/l		98
36) 1,1-Dichloropropene	7.829	75	14719	5.155	ug/l		98
37) Ethyl Acetate	6.982	43	7270	5.119	ug/l		98
38) Carbon Tetrachloride	7.817	117	16445	5.124	ug/l		92
39) Methylcyclohexane	9.103	83	17316	4.795	ug/l		95
40) Benzene	8.079	78	43912	5.203	ug/l		95

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021309.D
Acq On : 25 Feb 2025 12:40
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Feb 26 01:42:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	2838	3.574	ug/l	#	74
42) 1,2-Dichloroethane	8.158	62	12236	5.110	ug/l		99
43) Isopropyl Acetate	8.195	43	12832	4.668	ug/l		99
44) Trichloroethene	8.859	130	10868	5.143	ug/l		100
45) 1,2-Dichloropropane	9.140	63	10426	5.133	ug/l		95
46) Dibromomethane	9.231	93	5557	5.005	ug/l		100
47) Bromodichloromethane	9.420	83	15042	5.081	ug/l		100
48) Methyl methacrylate	9.219	41	5698	4.433	ug/l		95
49) 1,4-Dioxane	9.231	88	1164	94.292	ug/l		94
51) 4-Methyl-2-Pentanone	10.000	43	31910	22.677	ug/l		100
52) Toluene	10.170	92	25715	4.905	ug/l		98
53) t-1,3-Dichloropropene	10.396	75	12697	4.682	ug/l		98
54) cis-1,3-Dichloropropene	9.853	75	15685	4.899	ug/l		99
55) 1,1,2-Trichloroethane	10.573	97	7259	5.019	ug/l		96
56) Ethyl methacrylate	10.438	69	8528	4.267	ug/l		99
57) 1,3-Dichloropropane	10.713	76	12384	4.880	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.707	63	20290	21.153	ug/l		98
59) 2-Hexanone	10.762	43	19312	20.897	ug/l		97
60) Dibromochloromethane	10.914	129	9844	4.998	ug/l		97
61) 1,2-Dibromoethane	11.018	107	6792	4.960	ug/l		98
64) Tetrachloroethene	10.646	164	10042	5.361	ug/l		96
65) Chlorobenzene	11.444	112	29025	5.217	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.518	131	9824	5.043	ug/l		99
67) Ethyl Benzene	11.518	91	48026	4.874	ug/l		97
68) m/p-Xylenes	11.627	106	36446	9.833	ug/l		100
69) o-Xylene	11.956	106	17085	4.920	ug/l		97
70) Styrene	11.969	104	26787	4.637	ug/l		99
71) Bromoform	12.133	173	5478	4.916	ug/l	#	99
73) Isopropylbenzene	12.255	105	44434	4.980	ug/l		99
74) N-amyl acetate	12.072	43	9713	4.283	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	8309	5.276	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	10626	8.890	ug/l	#	100
77) Bromobenzene	12.536	156	10911	5.257	ug/l		99
78) n-propylbenzene	12.597	91	53794	4.968	ug/l		100
79) 2-Chlorotoluene	12.682	91	32529	5.235	ug/l		98
80) 1,3,5-Trimethylbenzene	12.737	105	36696	5.014	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	2493	4.664	ug/l		97
82) 4-Chlorotoluene	12.780	91	34079	5.290	ug/l		99
83) tert-Butylbenzene	12.999	119	32078	4.852	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	35772	4.915	ug/l		100
85) sec-Butylbenzene	13.176	105	48977	5.072	ug/l		100
86) p-Isopropyltoluene	13.292	119	39637	4.916	ug/l		98
87) 1,3-Dichlorobenzene	13.292	146	21510	5.239	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	21663	5.341	ug/l		95
89) n-Butylbenzene	13.621	91	36537	4.815	ug/l		100
90) Hexachloroethane	13.883	117	9013	5.351	ug/l		97
91) 1,2-Dichlorobenzene	13.664	146	18984	5.278	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	1227	4.925	ug/l		97
93) 1,2,4-Trichlorobenzene	14.925	180	10759	4.901	ug/l		98
94) Hexachlorobutadiene	15.029	225	7510	5.434	ug/l		95
95) Naphthalene	15.145	128	14829	4.078	ug/l		97
96) 1,2,3-Trichlorobenzene	15.334	180	8804	4.746	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021309.D
Acq On : 25 Feb 2025 12:40
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Feb 26 01:42:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

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

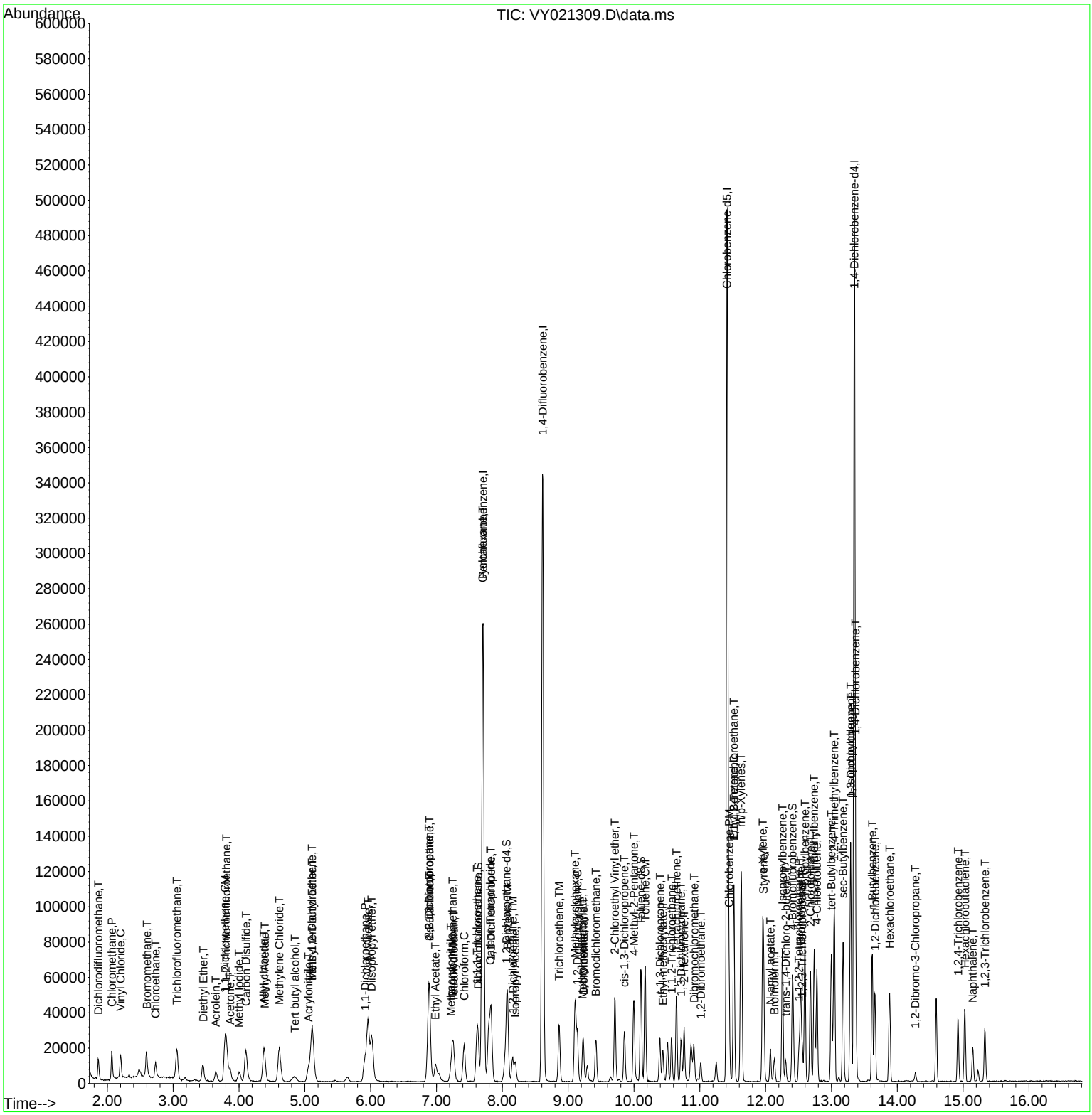
(#) = qualifier out of range (m) = manual integration (+) = signals summed

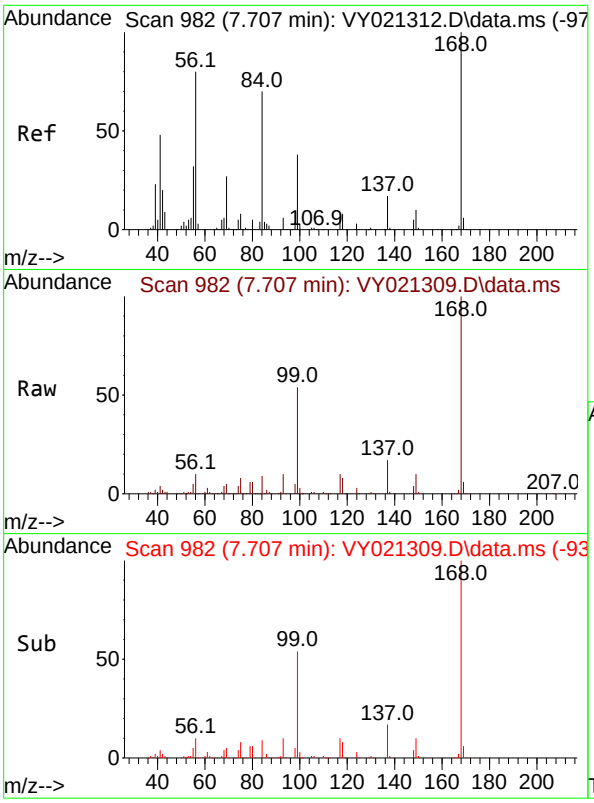
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021309.D
Acq On : 25 Feb 2025 12:40
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Feb 26 01:42:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration



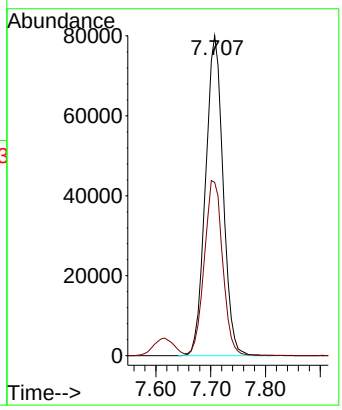


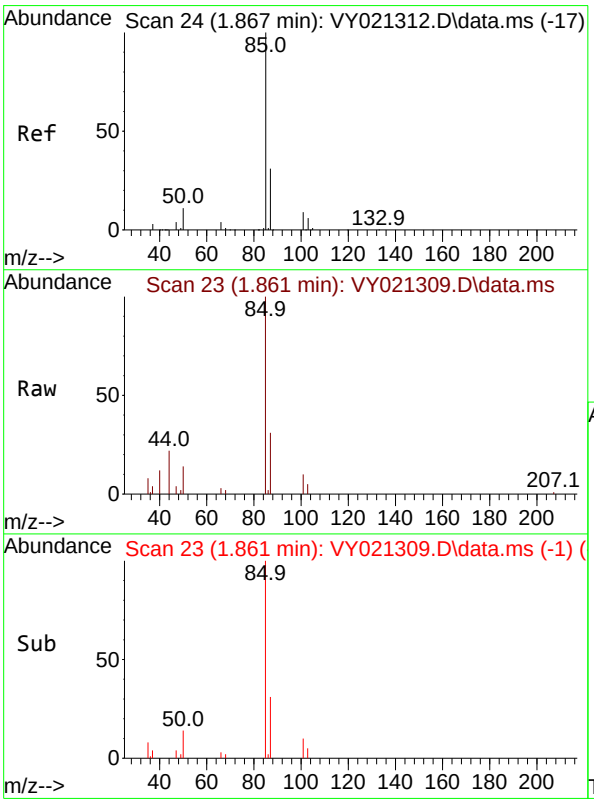
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:168 Resp: 177514

Ion	Ratio	Lower	Upper
168	100		
99	54.1	47.1	70.7

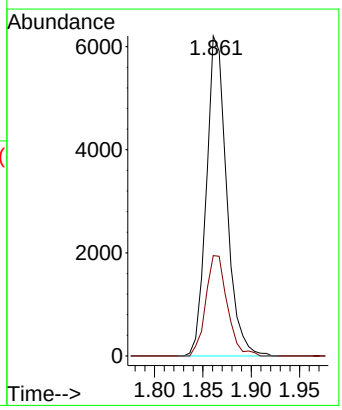


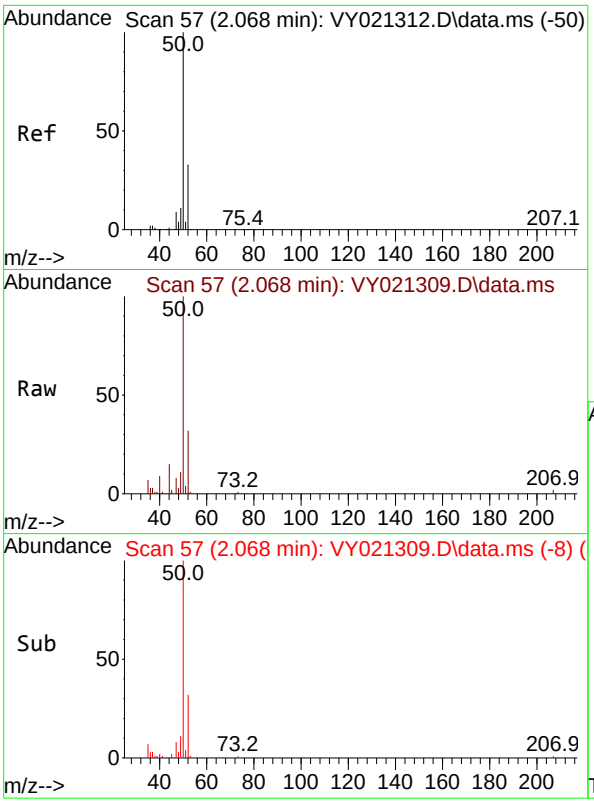


#2
Dichlorodifluoromethane
Concen: 5.374 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 85 Resp: 9045

Ion	Ratio	Lower	Upper
85	100		
87	31.4	15.4	46.4



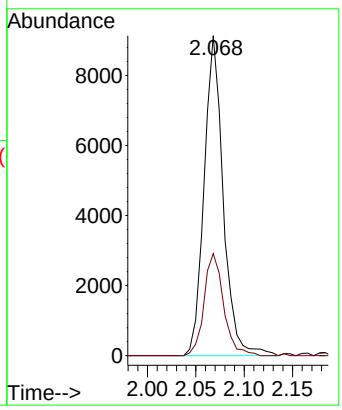


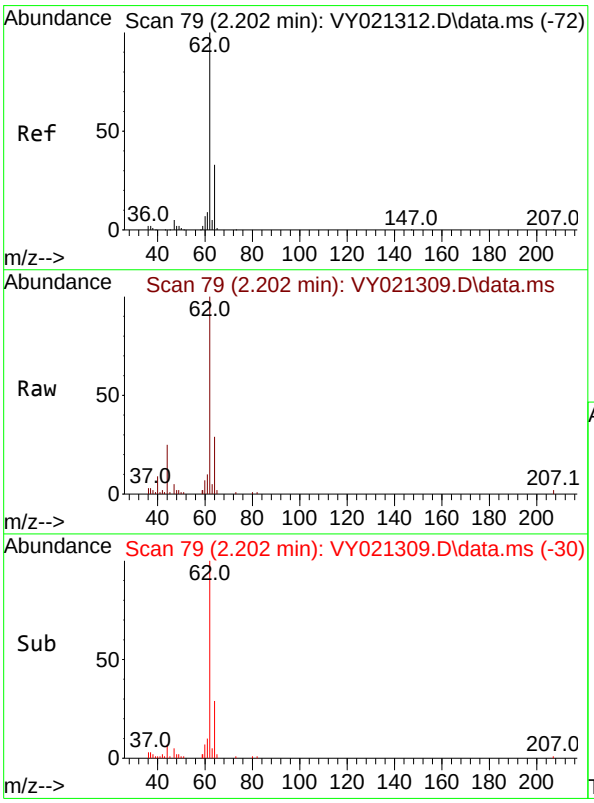
#3
Chloromethane
Concen: 5.793 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 12591

Ion	Ratio	Lower	Upper
50	100		
52	31.9	26.6	40.0

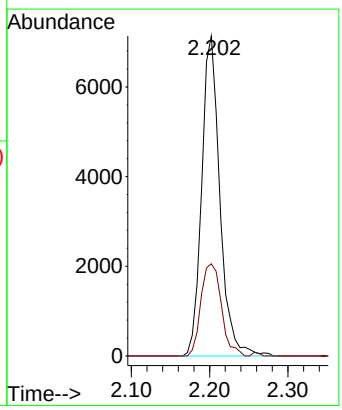


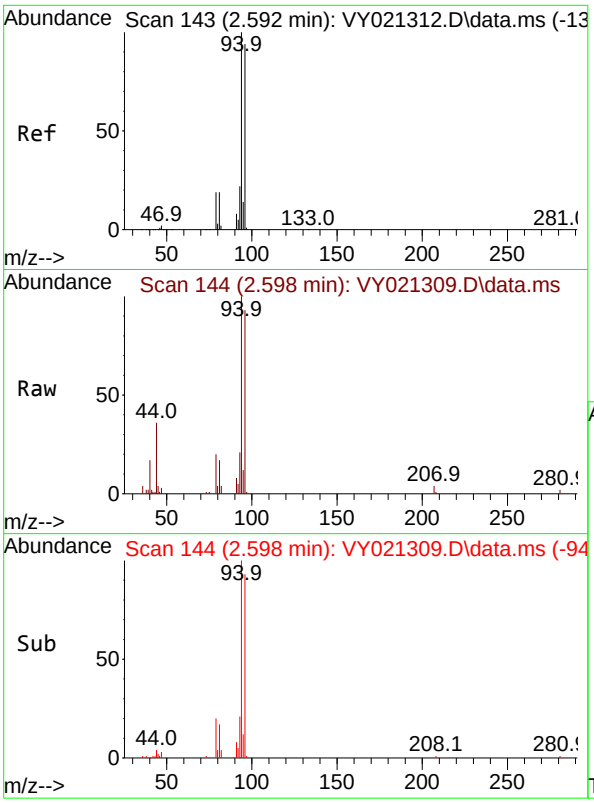


#4
Vinyl Chloride
Concen: 5.389 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 62 Resp: 11497

Ion	Ratio	Lower	Upper
62	100		
64	28.8	26.3	39.5



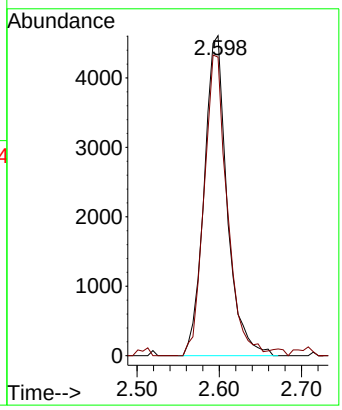


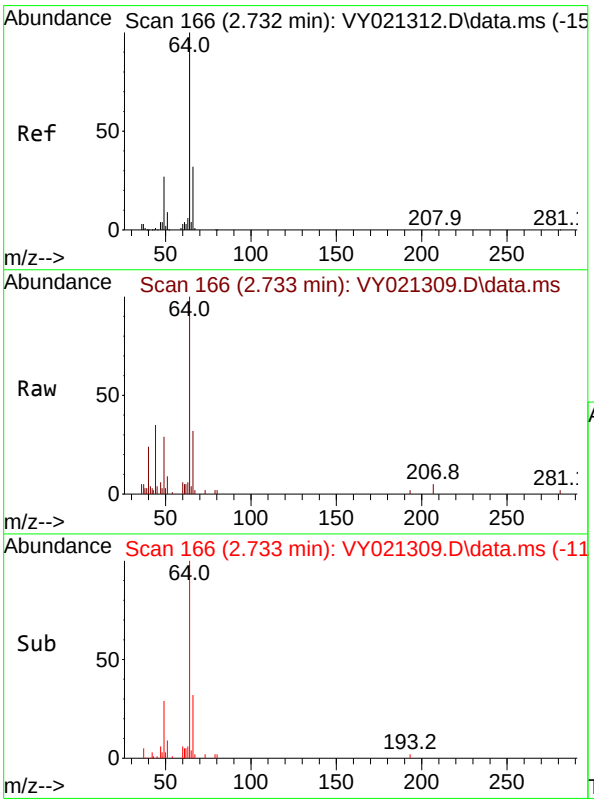
#5
Bromomethane
Concen: 6.321 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 8962

Ion	Ratio	Lower	Upper
94	100		
96	93.3	75.2	112.8

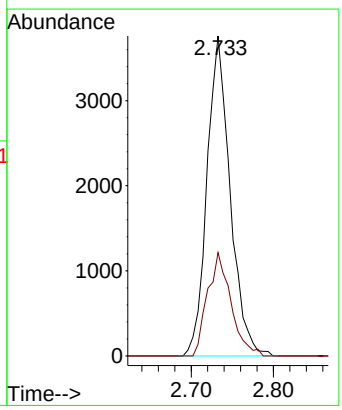


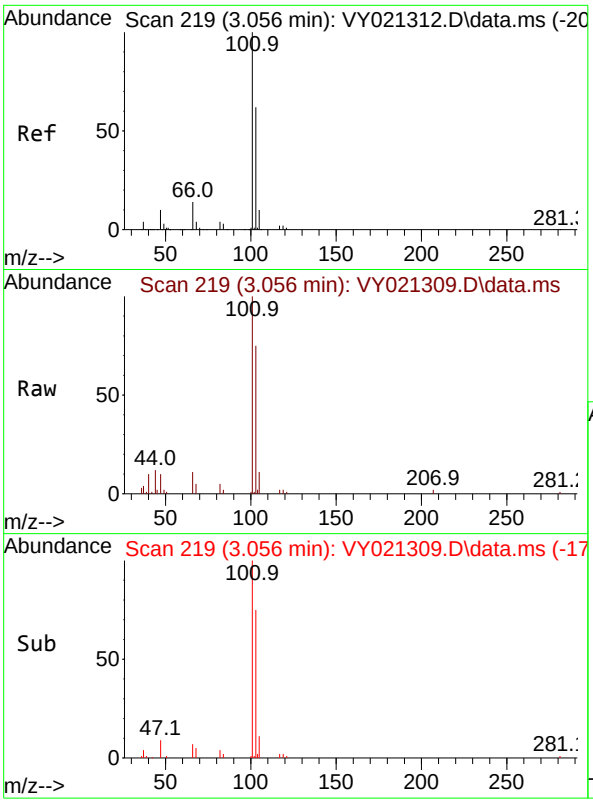


#6
Chloroethane
Concen: 5.556 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 64 Resp: 7351

Ion	Ratio	Lower	Upper
64	100		
66	32.3	25.4	38.0



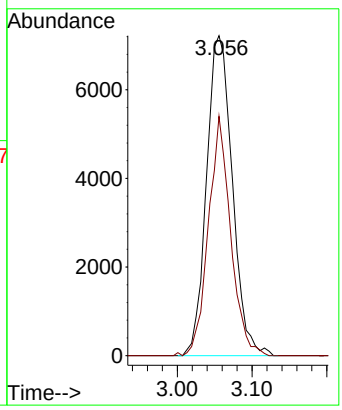


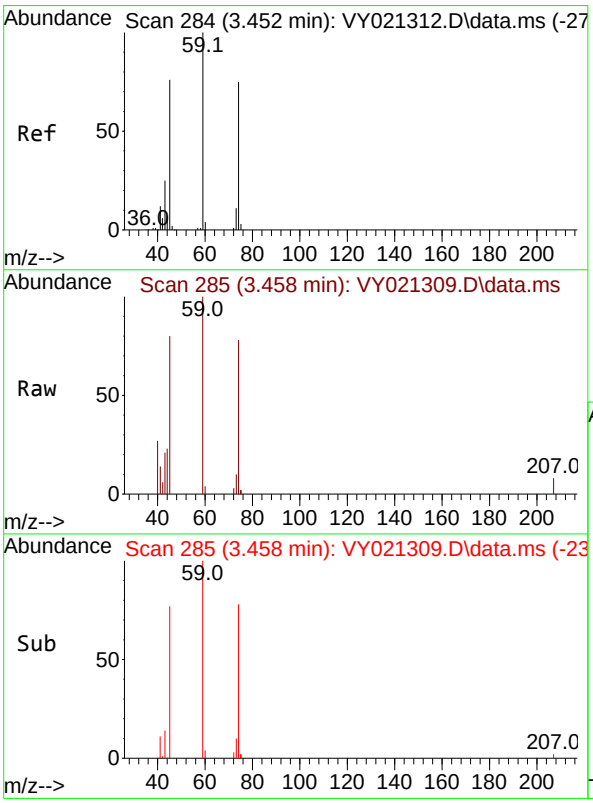
#7
Trichlorofluoromethane
Concen: 5.375 ug/l
RT: 3.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 17319

Ion	Ratio	Lower	Upper
101	100		
103	74.8	49.7	74.5#

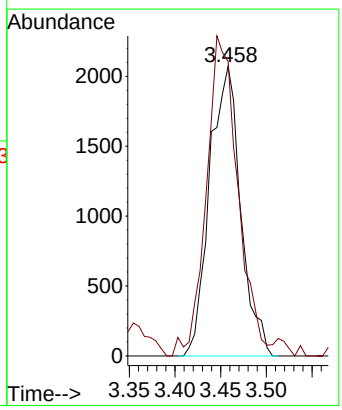


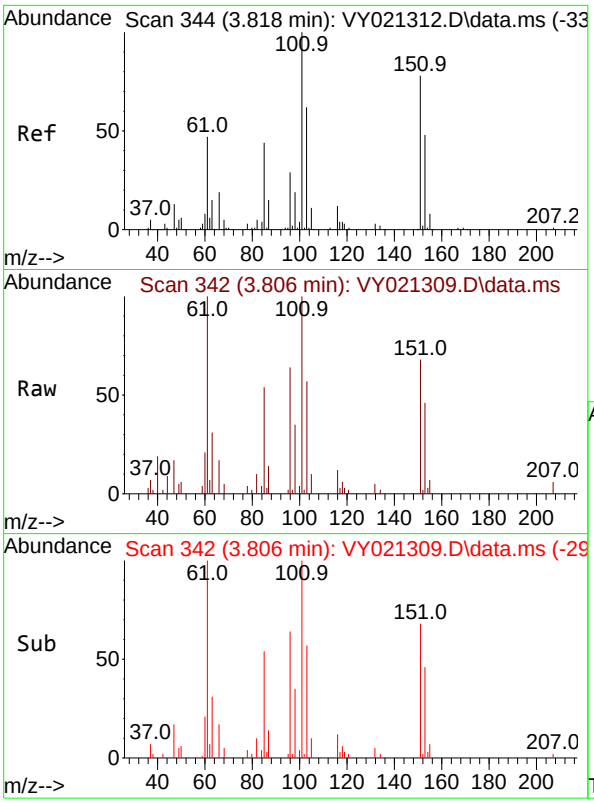


#8
Diethyl Ether
Concen: 5.064 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 74 Resp: 4897

Ion	Ratio	Lower	Upper
74	100		
45	111.5	50.3	150.9



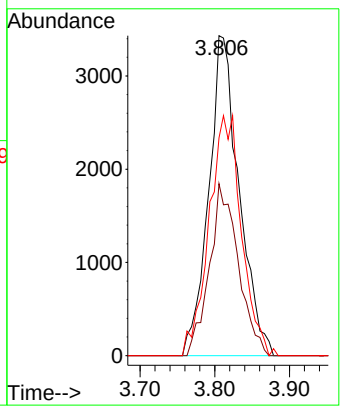


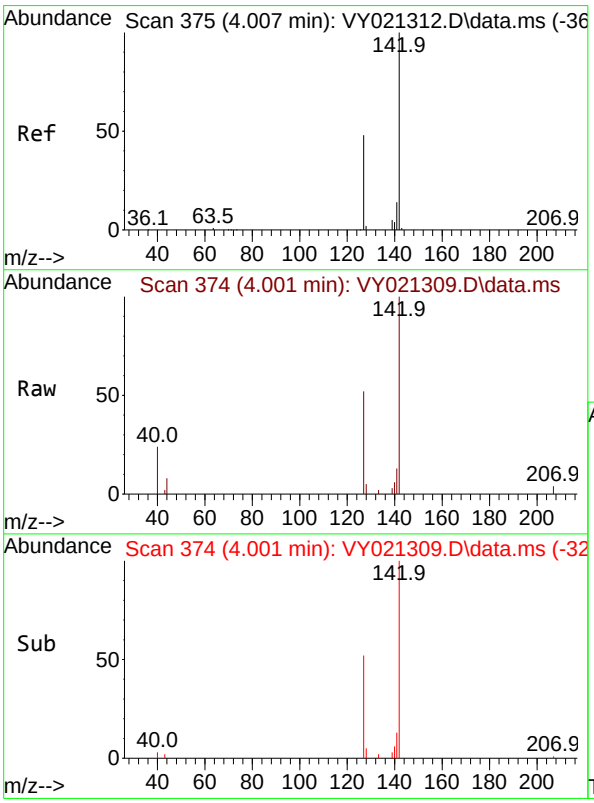
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.193 ug/l
RT: 3.806 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 9686

Ion	Ratio	Lower	Upper
101	100		
85	50.9	36.7	55.1
151	80.2	62.6	94.0

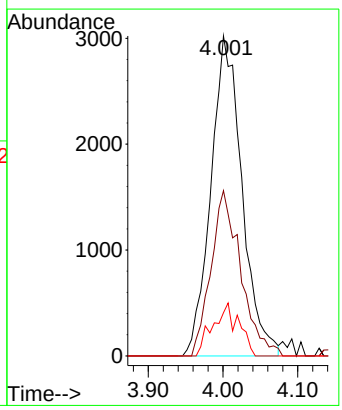


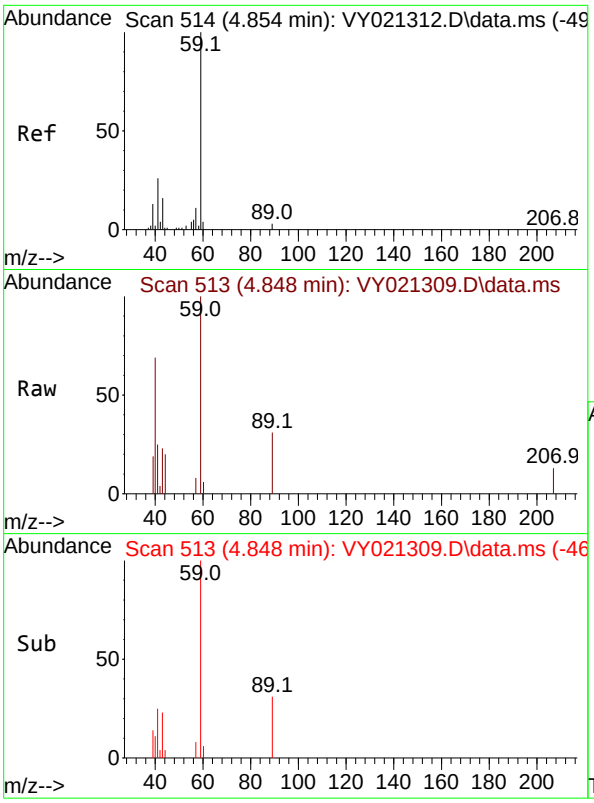


#10
Methyl Iodide
Concen: 4.447 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:142 Resp: 8728

Ion	Ratio	Lower	Upper
142	100		
127	49.6	39.2	58.8
141	13.8	11.4	17.2



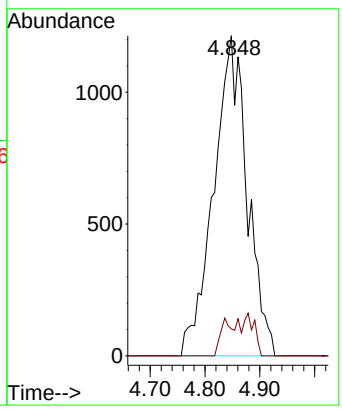


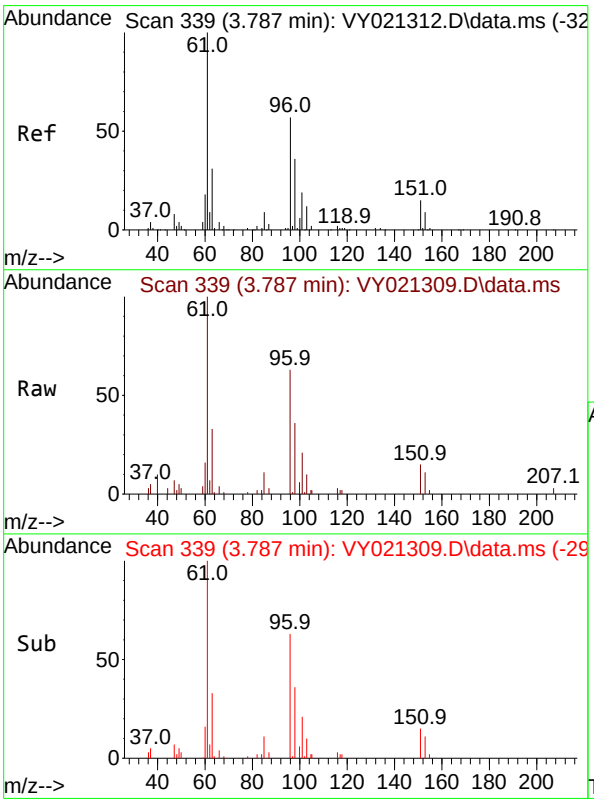
#11
Tert butyl alcohol
Concen: 33.345 ug/l
RT: 4.848 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 5165

Ion	Ratio	Lower	Upper
59	100		
57	4.3	8.3	12.5#

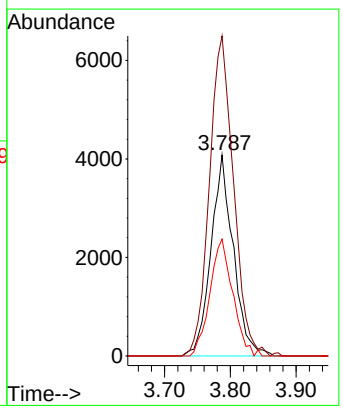


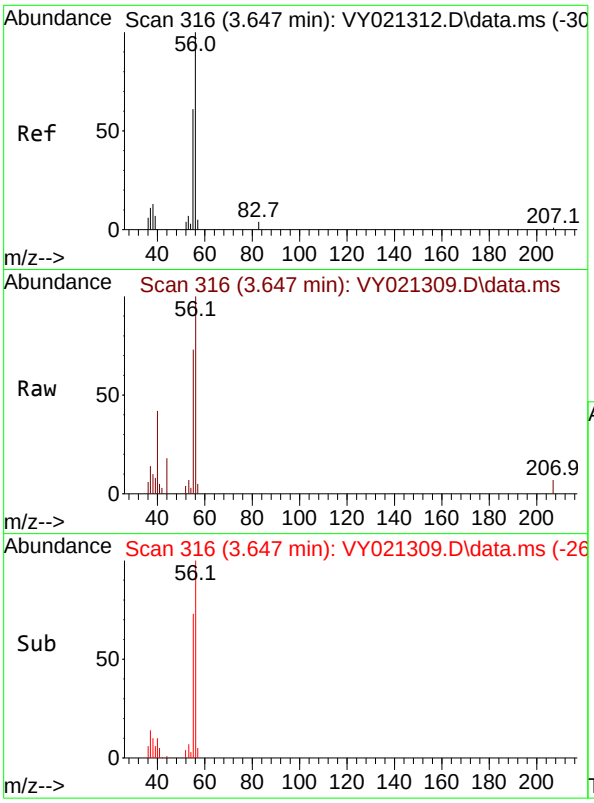


#12
1,1-Dichloroethene
Concen: 5.415 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 96 Resp: 9671

Ion	Ratio	Lower	Upper
96	100		
61	159.2	139.7	209.5
98	58.1	49.7	74.5



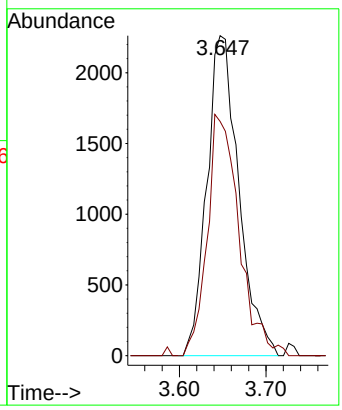


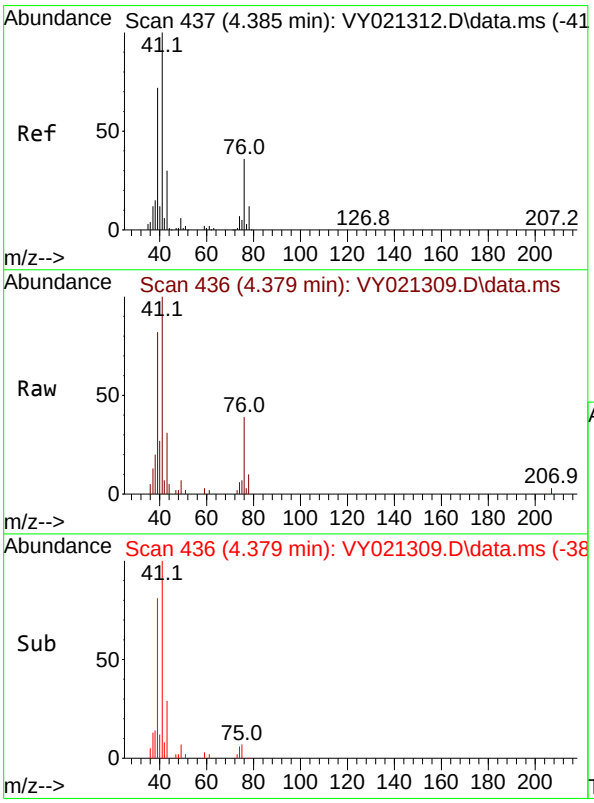
#13
Acrolein
Concen: 48.848 ug/l
RT: 3.647 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 5798

Ion	Ratio	Lower	Upper
56	100		
55	74.8	59.0	88.6

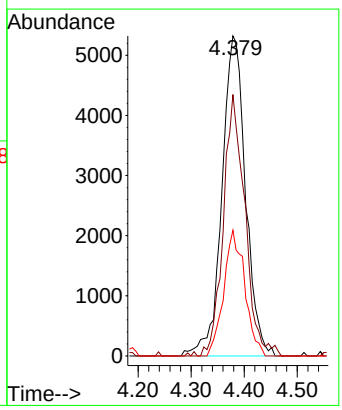


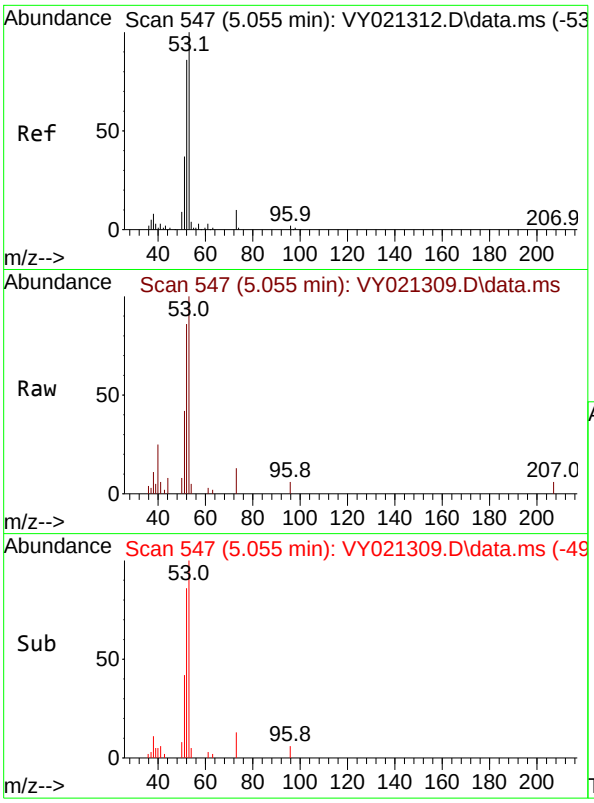


#14
Allyl chloride
Concen: 5.210 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 41 Resp: 16498

Ion	Ratio	Lower	Upper
41	100		
39	74.4	60.0	90.0
76	34.9	29.0	43.6



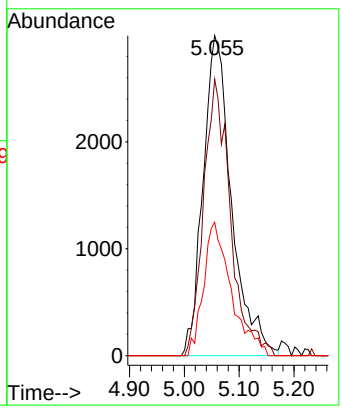


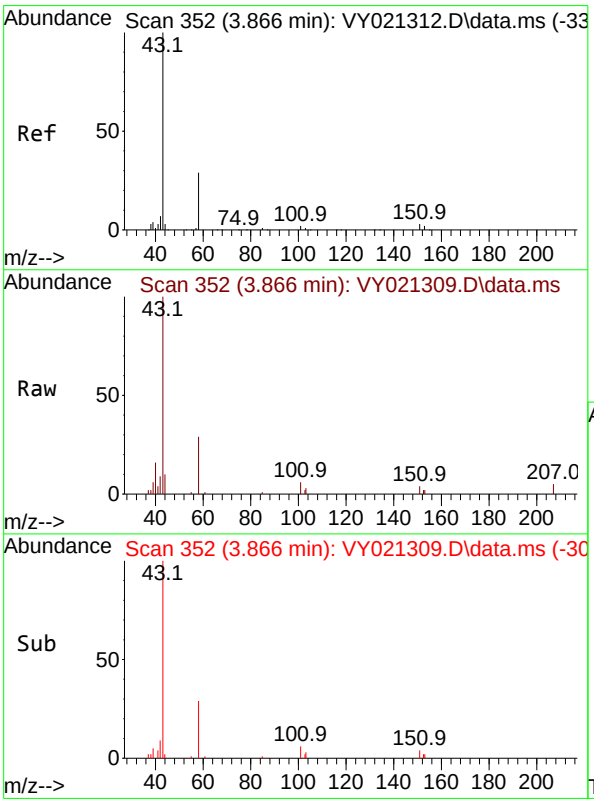
#15
Acrylonitrile
Concen: 25.330 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 53 Resp: 10830

Ion	Ratio	Lower	Upper
53	100		
52	81.0	65.5	98.3
51	40.3	30.6	46.0

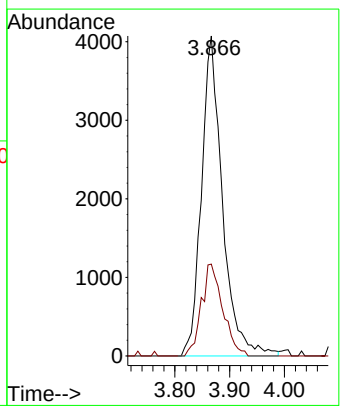


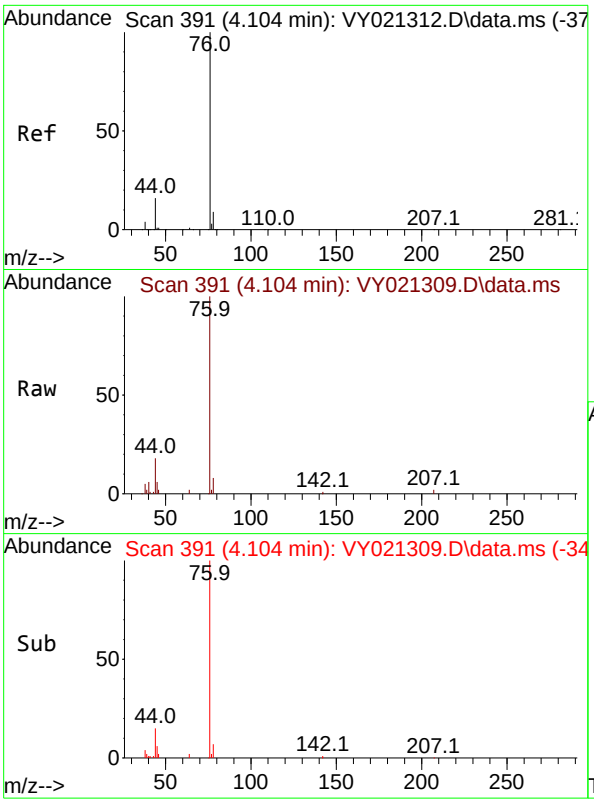


#16
Acetone
Concen: 28.018 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 43 Resp: 10823

Ion	Ratio	Lower	Upper
43	100		
58	28.7	23.5	35.3



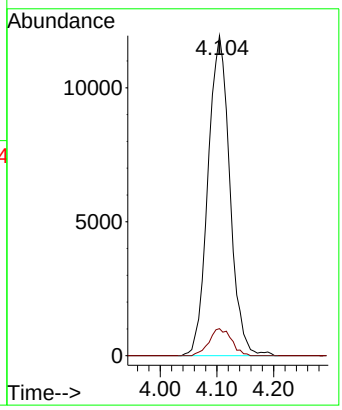


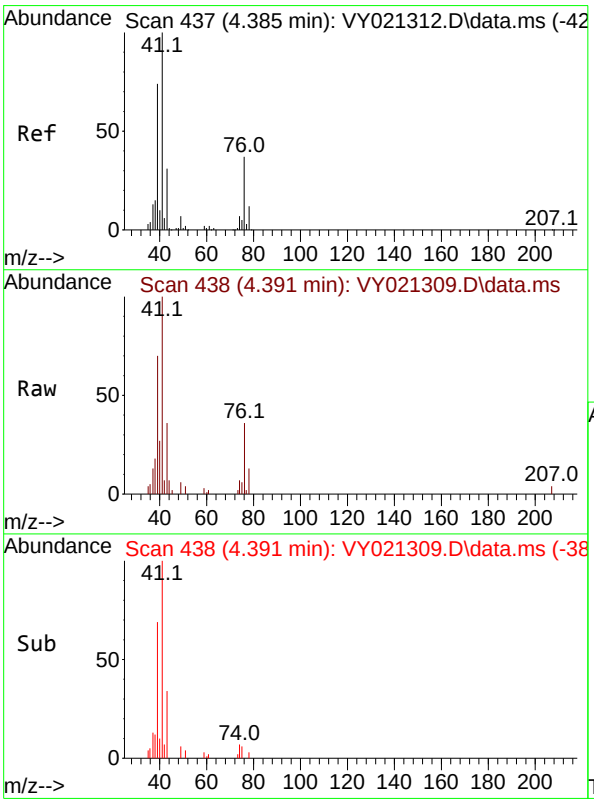
#17
Carbon Disulfide
Concen: 5.387 ug/l
RT: 4.104 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 31953

Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.1	10.7

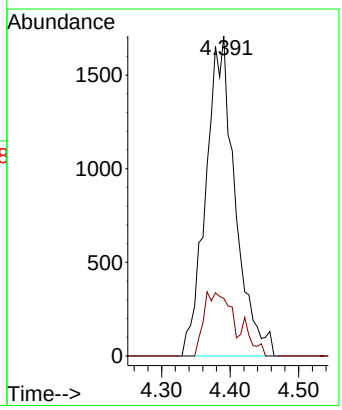


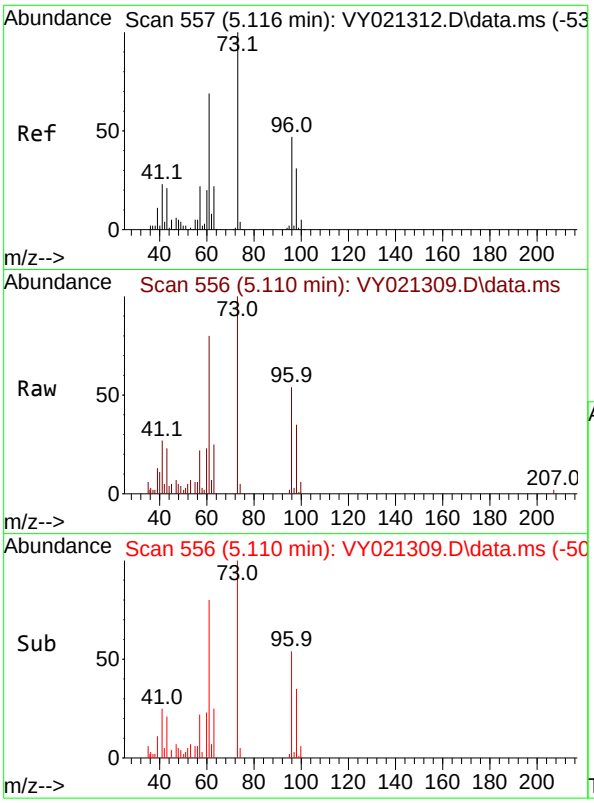


#18
Methyl Acetate
Concen: 5.362 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 43 Resp: 5062

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.7	26.5#



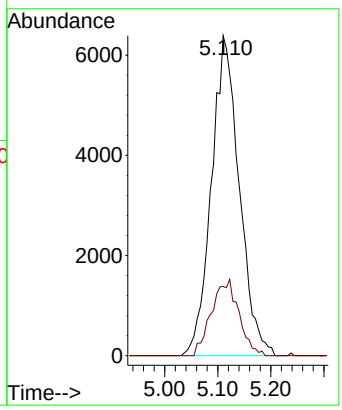


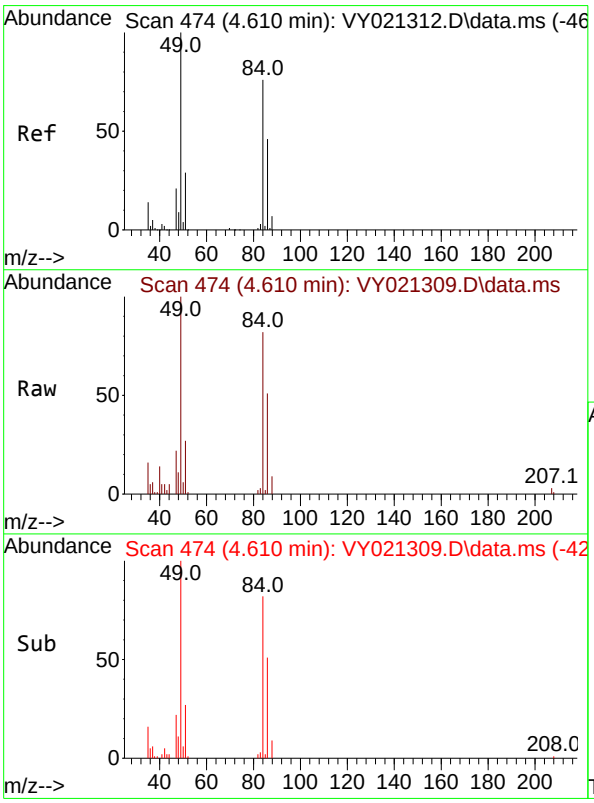
#19
Methyl tert-butyl Ether
Concen: 4.935 ug/l
RT: 5.110 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 23290

Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.4	26.0

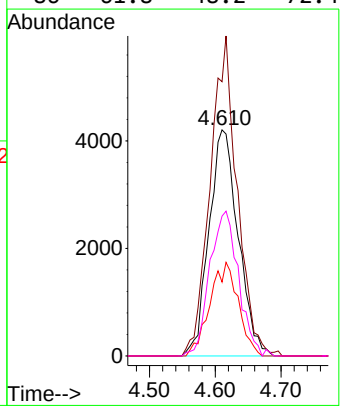


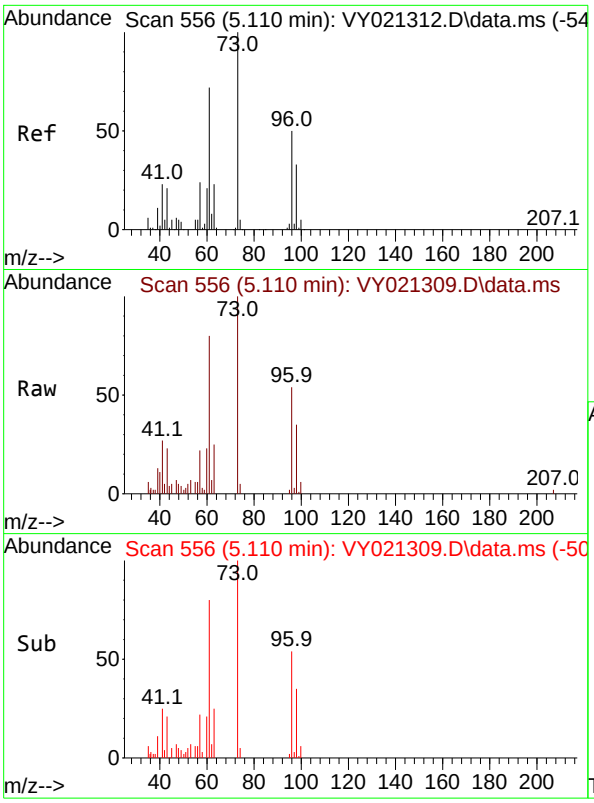


#20
Methylene Chloride
Concen: 6.225 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 84 Resp: 13003

Ion	Ratio	Lower	Upper
84	100		
49	121.3	105.1	157.7
51	32.7	31.0	46.4
86	61.8	48.2	72.4



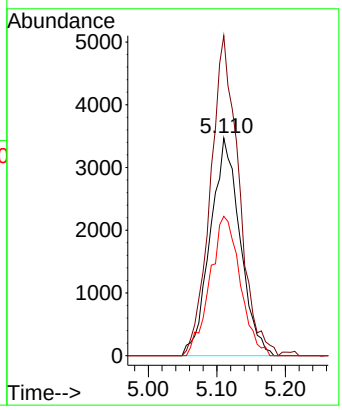


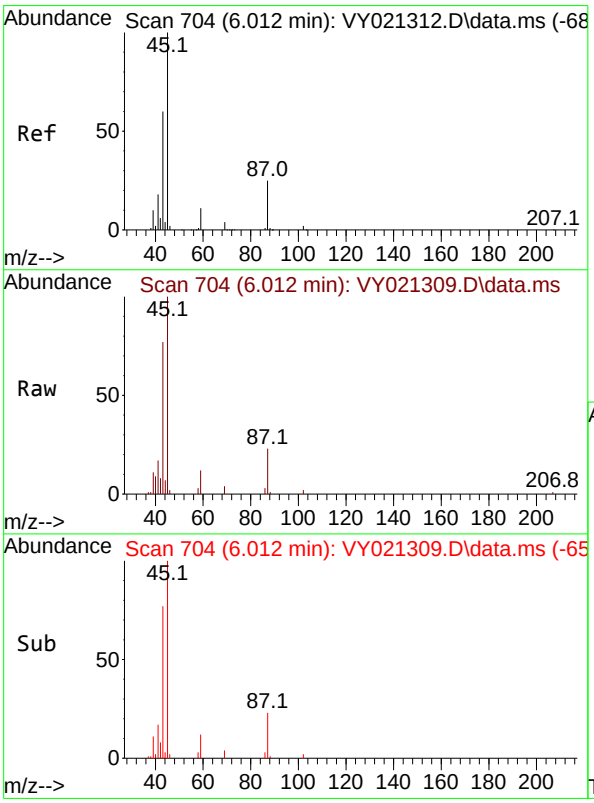
#21
trans-1,2-Dichloroethene
Concen: 5.317 ug/l
RT: 5.110 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 10455

Ion	Ratio	Lower	Upper
96	100		
61	147.0	116.3	174.5
98	64.0	52.6	78.8

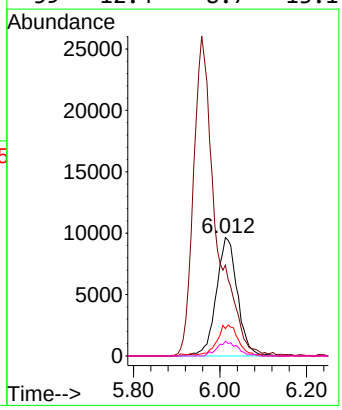


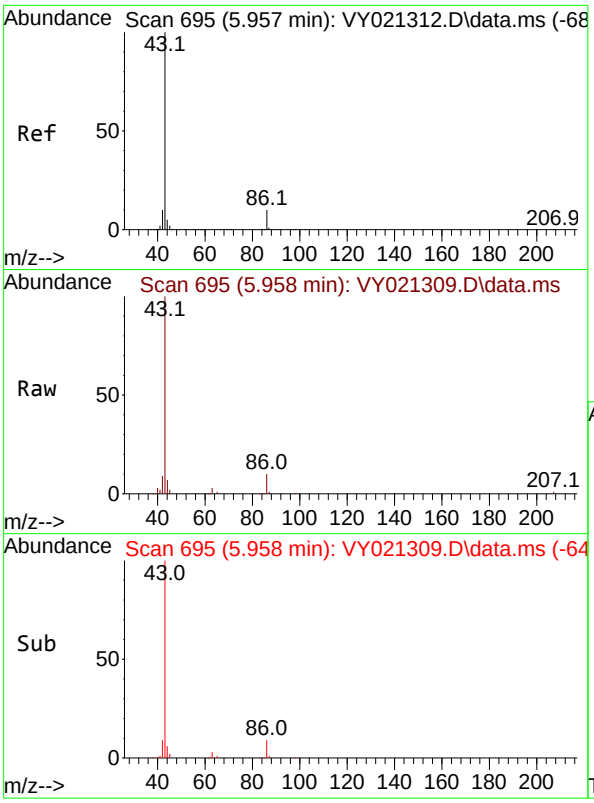


#22
Diisopropyl ether
Concen: 4.981 ug/l
RT: 6.012 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 45 Resp: 32640

Ion	Ratio	Lower	Upper
45	100		
43	75.5	48.2	72.4#
87	23.1	20.3	30.5
59	12.4	8.7	13.1



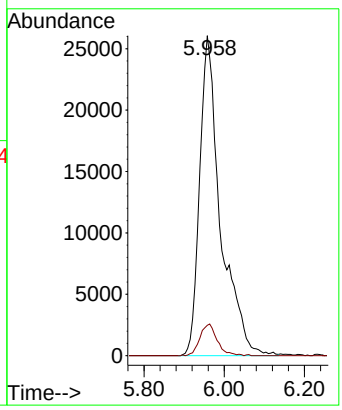


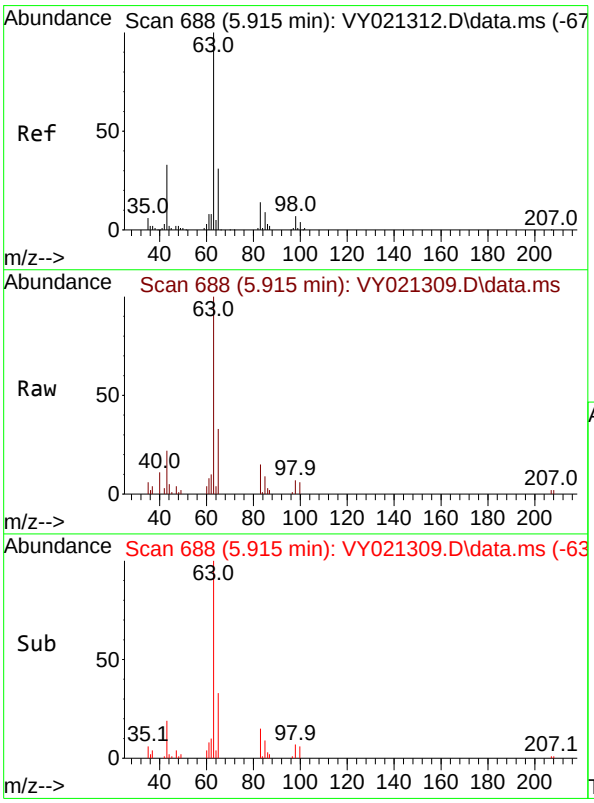
#23
Vinyl Acetate
Concen: 24.067 ug/l
RT: 5.958 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 94244

Ion	Ratio	Lower	Upper
43	100		
86	9.5	8.0	12.0

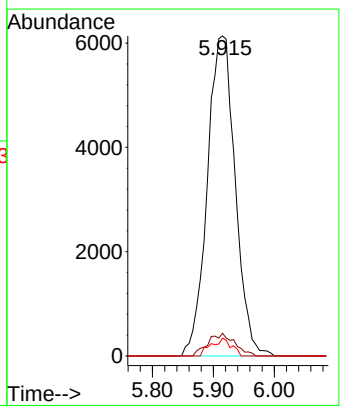


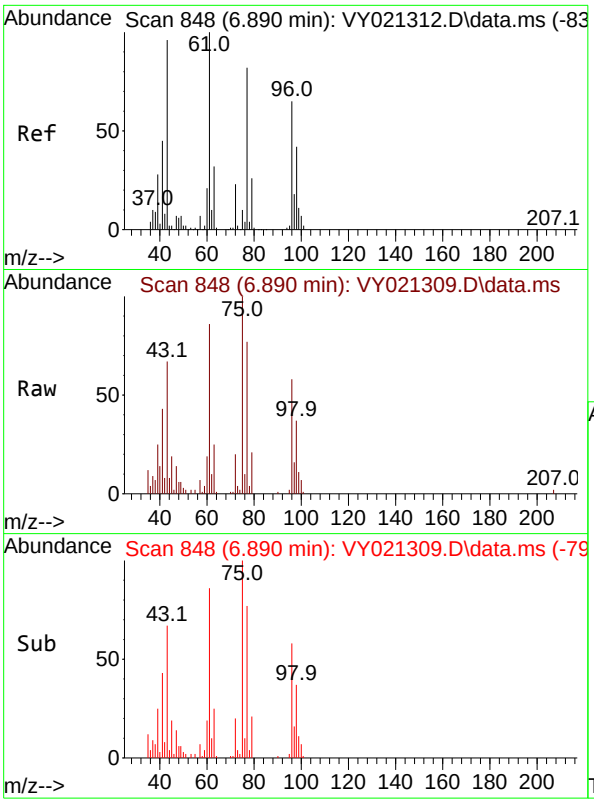


#24
1,1-Dichloroethane
Concen: 5.290 ug/l
RT: 5.915 min Scan# 688
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 63 Resp: 19538

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.7	11.1
100	5.6	2.1	6.5



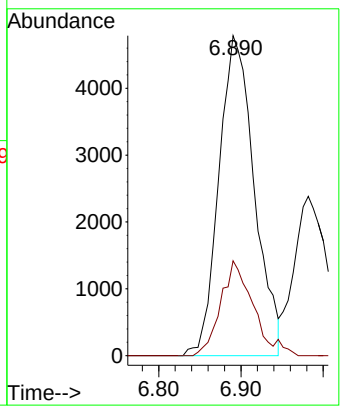


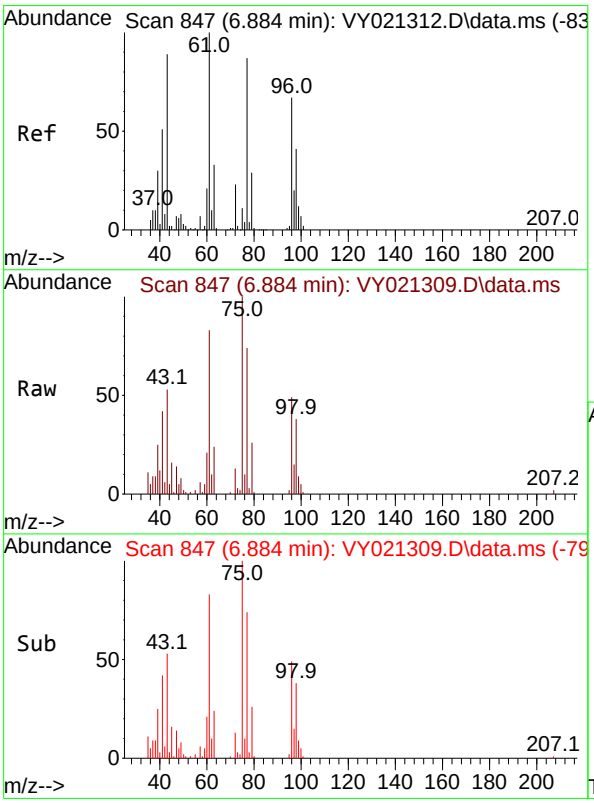
#25
2-Butanone
Concen: 24.599 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 14341

Ion	Ratio	Lower	Upper
43	100		
72	29.6	19.0	28.6#

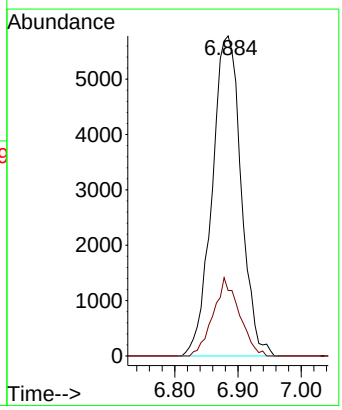


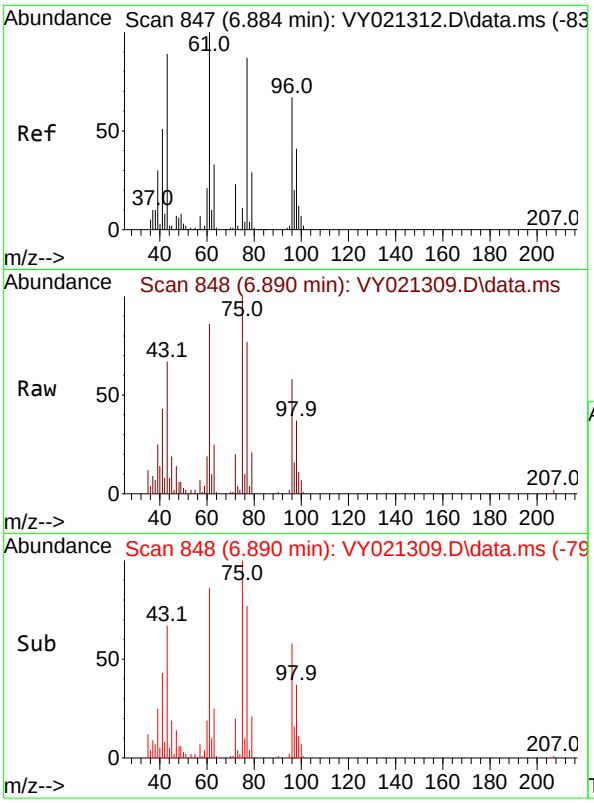


#26
2,2-Dichloropropane
Concen: 5.488 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 77 Resp: 18391

Ion	Ratio	Lower	Upper
77	100		
97	22.0	10.9	32.7



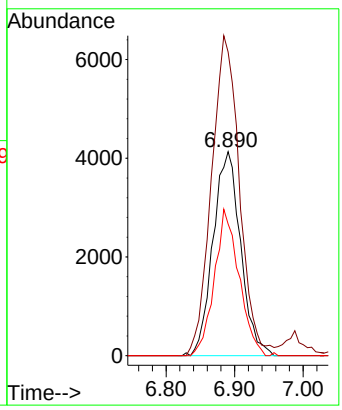


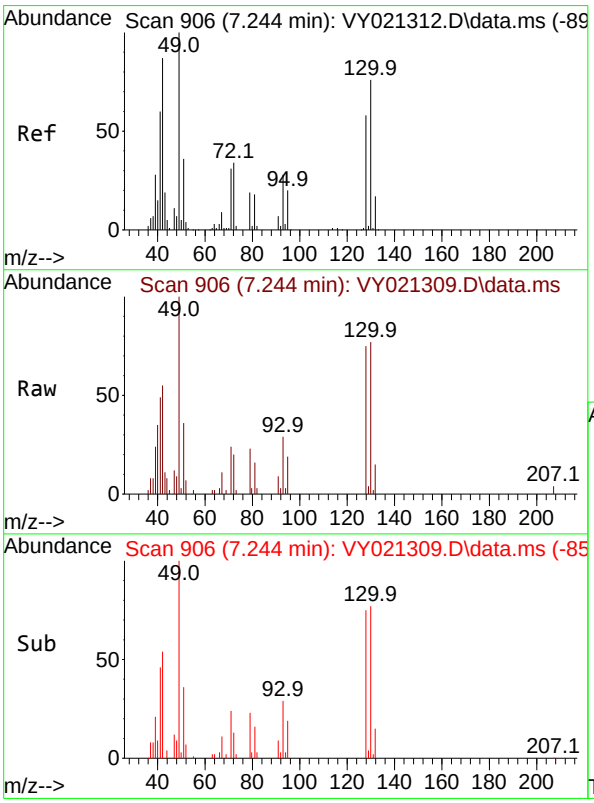
#27
cis-1,2-Dichloroethene
Concen: 5.132 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 11522

Ion	Ratio	Lower	Upper
96	100		
61	159.3	0.0	308.0
98	64.2	0.0	129.6

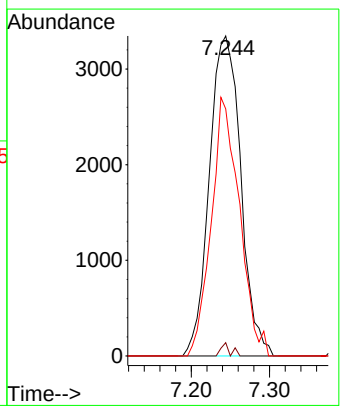


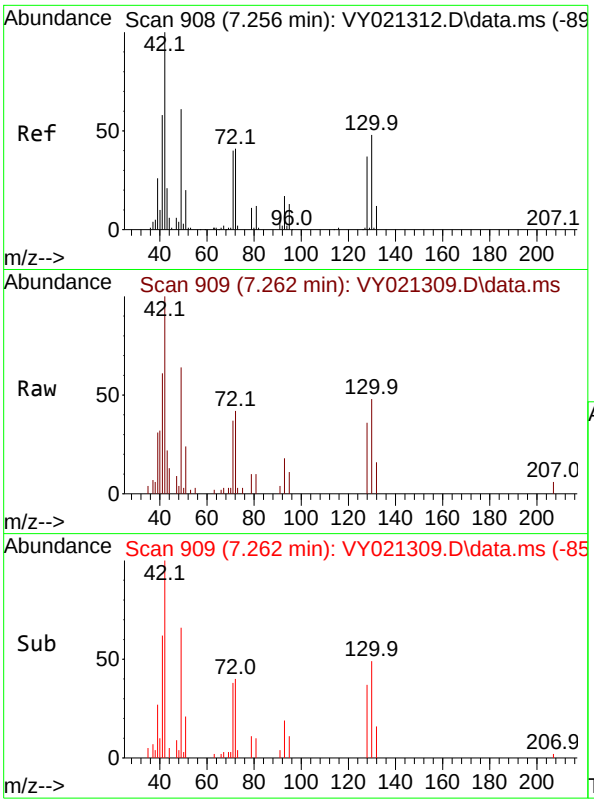


#28
Bromochloromethane
Concen: 5.702 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 49 Resp: 9318

Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.0
130	72.6	57.8	86.6



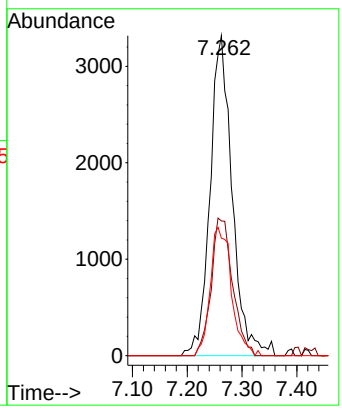


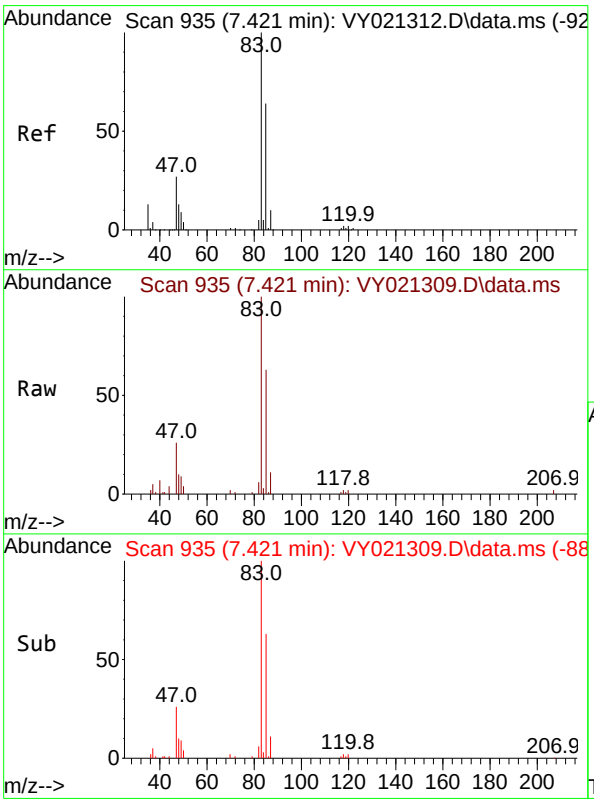
#29
Tetrahydrofuran
Concen: 24.455 ug/l
RT: 7.262 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 42 Resp: 9319

Ion	Ratio	Lower	Upper
42	100		
72	41.6	33.1	49.7
71	38.3	31.4	47.0

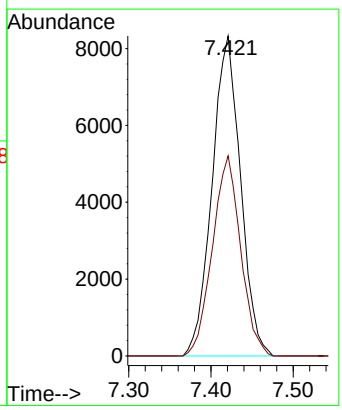


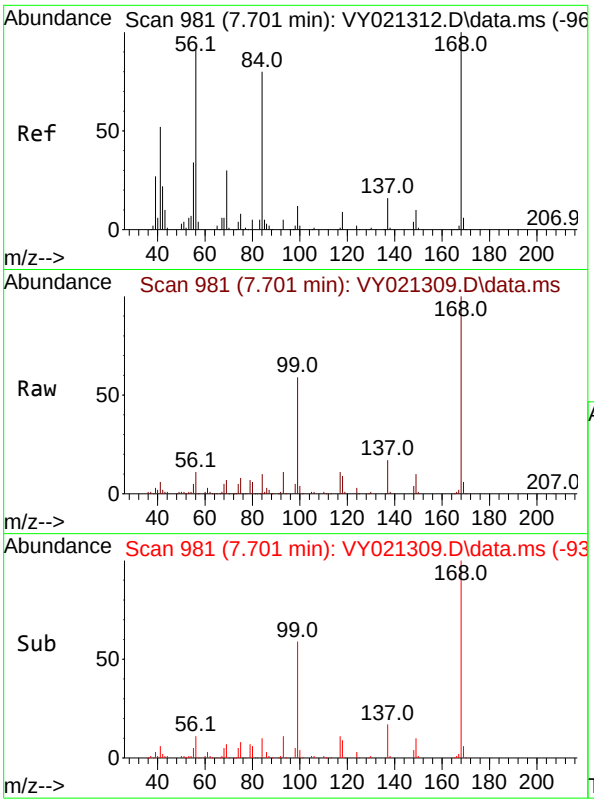


#30
Chloroform
Concen: 5.351 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 83 Resp: 20025

Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.6	77.4



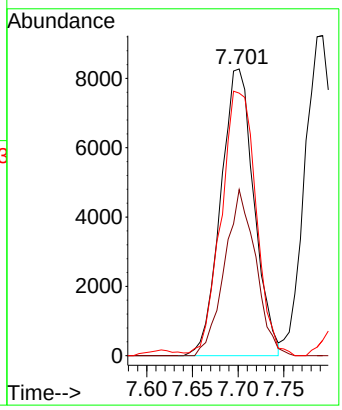


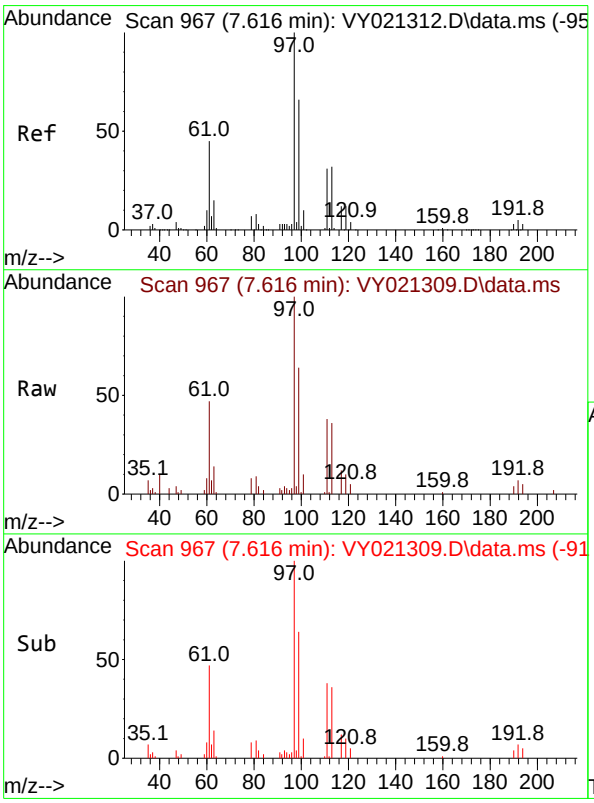
#31
Cyclohexane
Concen: 5.912 ug/l
RT: 7.701 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 20990

Ion	Ratio	Lower	Upper
56	100		
69	57.9	26.2	39.4#
84	90.3	70.2	105.4

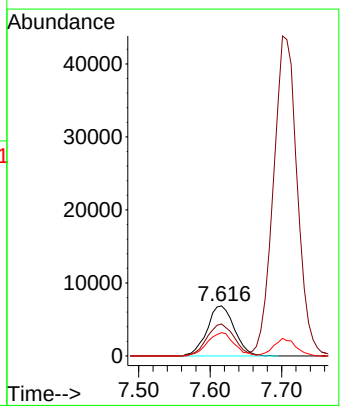


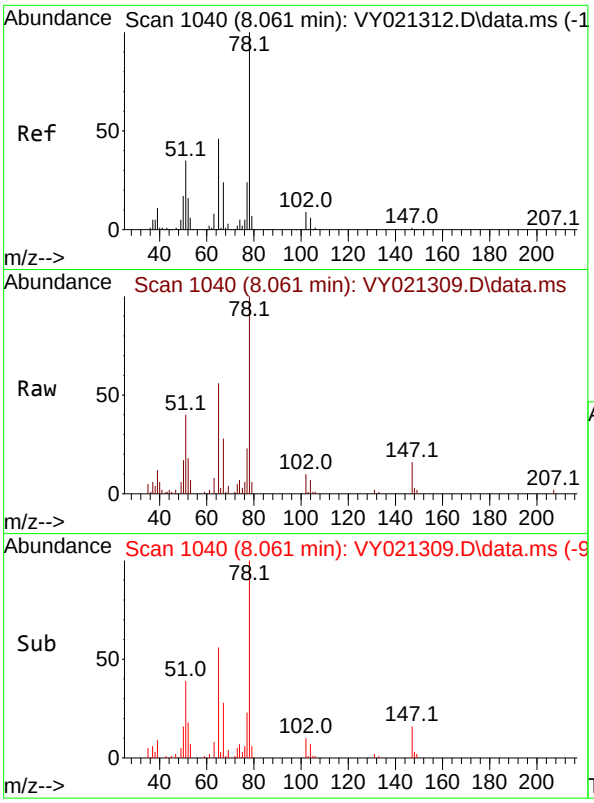


#32
1,1,1-Trichloroethane
Concen: 5.315 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 97 Resp: 18106

Ion	Ratio	Lower	Upper
97	100		
99	63.5	52.4	78.6
61	45.7	36.2	54.2



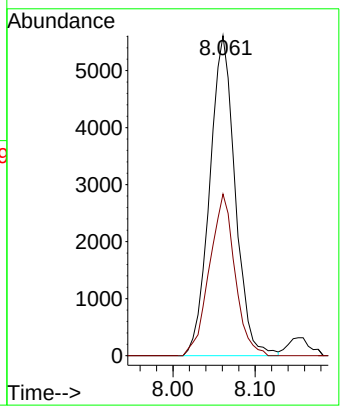


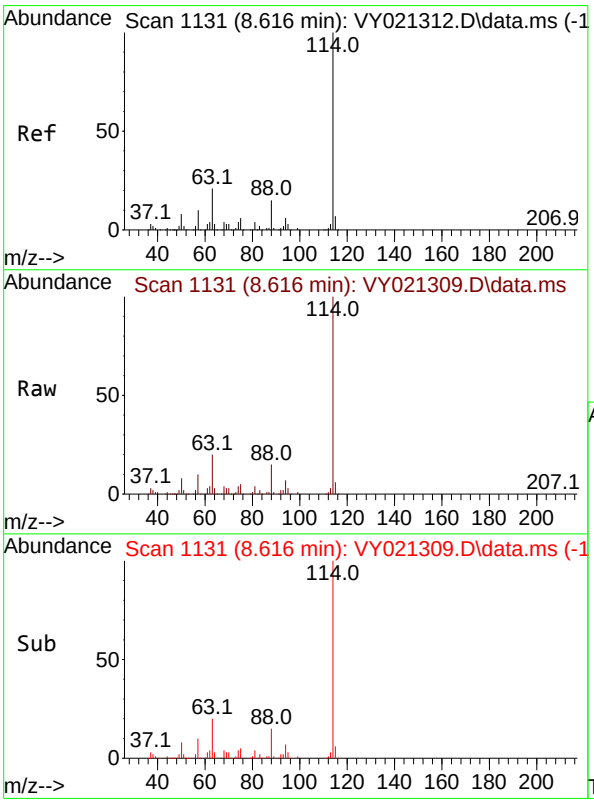
#33
1,2-Dichloroethane-d4
Concen: 6.003 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 65 Resp: 12088

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	103.6

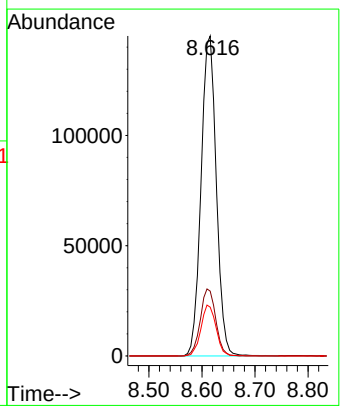


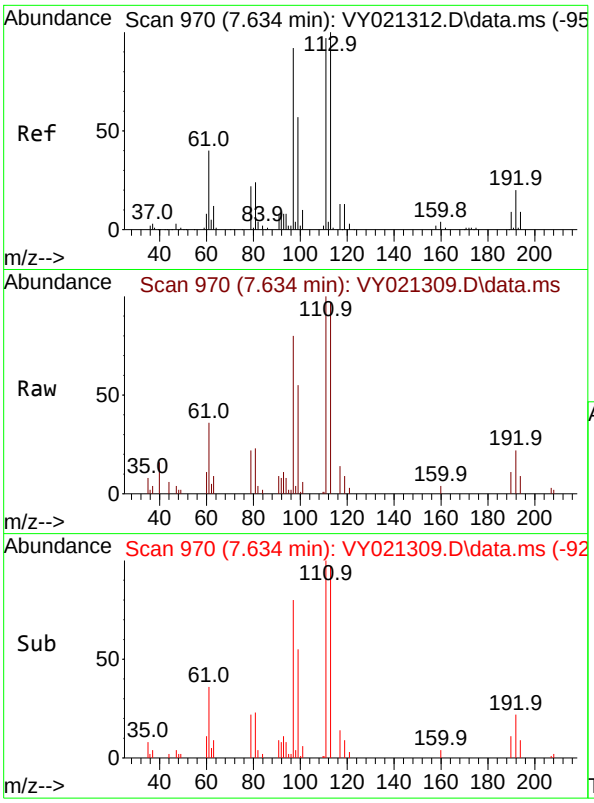


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:114 Resp: 289913

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	42.2
88	15.2	0.0	29.8



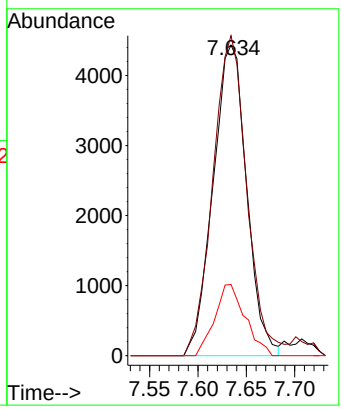


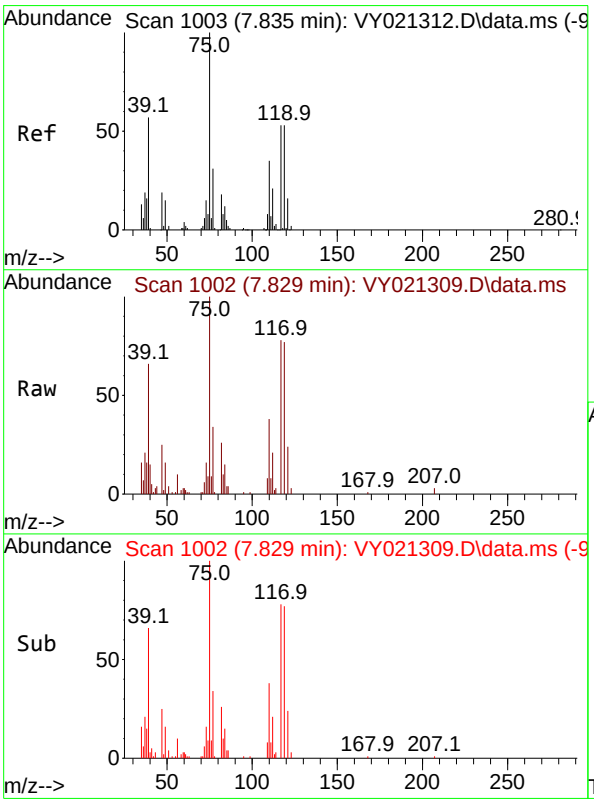
#35
Dibromofluoromethane
Concen: 5.637 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:113 Resp: 10715

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.0	121.6
192	20.8	15.8	23.8

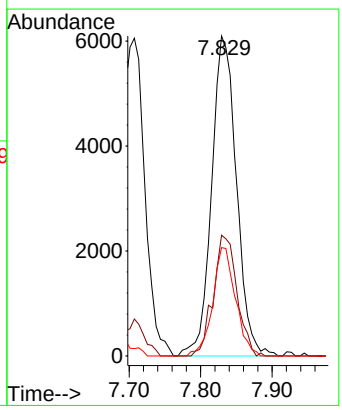


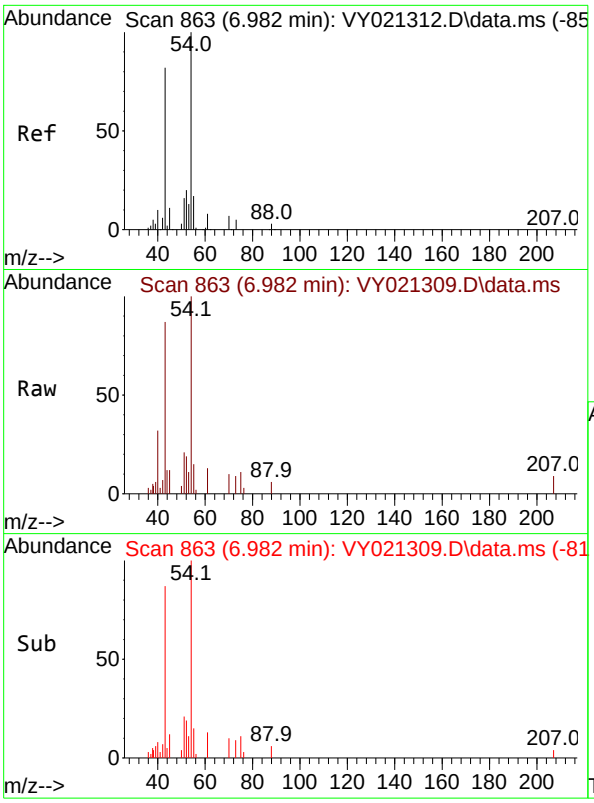


#36
1,1-Dichloropropene
Concen: 5.155 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 75 Resp: 14719

Ion	Ratio	Lower	Upper
75	100		
110	35.9	16.9	50.7
77	31.0	24.6	36.8



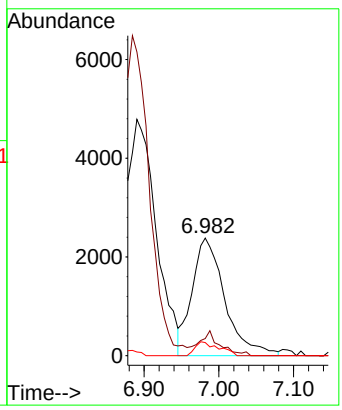


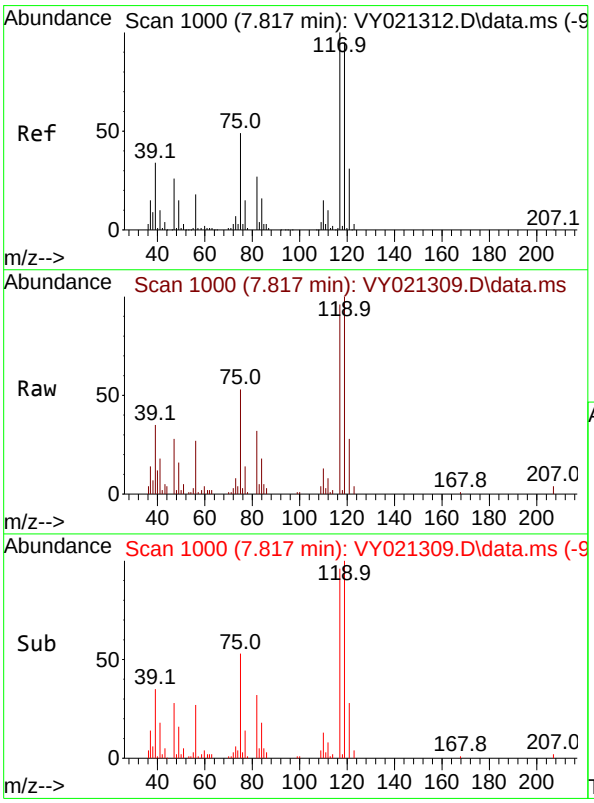
#37
Ethyl Acetate
Concen: 5.119 ug/l
RT: 6.982 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 7270

Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.4	15.6
70	8.5	7.5	11.3

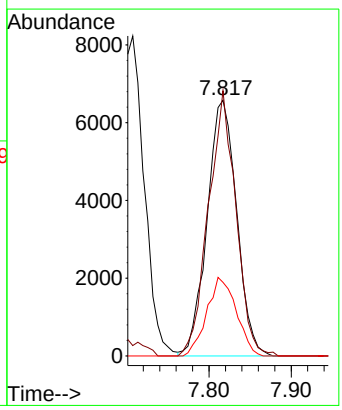


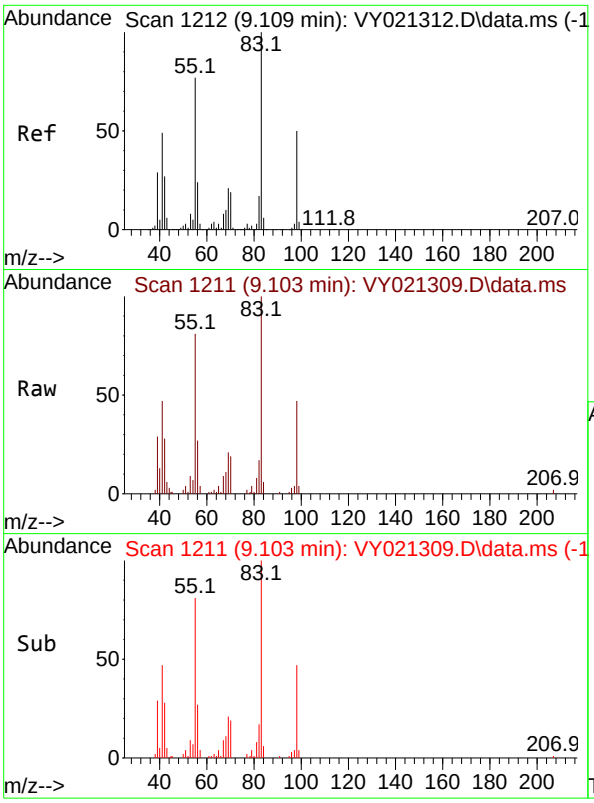


#38
Carbon Tetrachloride
Concen: 5.124 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:117 Resp: 16445

Ion	Ratio	Lower	Upper
117	100		
119	103.8	76.0	114.0
121	28.8	24.9	37.3



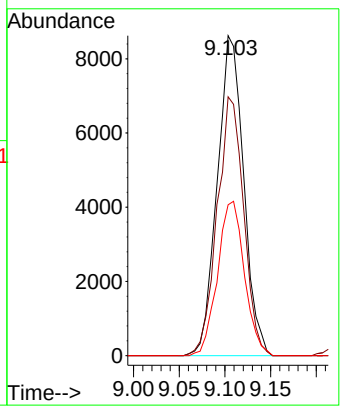


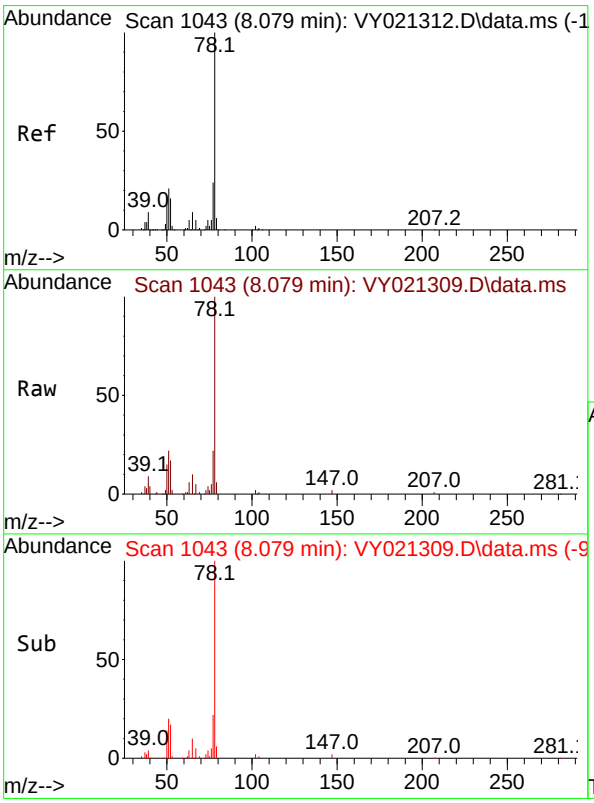
#39
Methylcyclohexane
Concen: 4.795 ug/l
RT: 9.103 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 17316

Ion	Ratio	Lower	Upper
83	100		
55	80.9	61.3	91.9
98	47.2	39.9	59.9

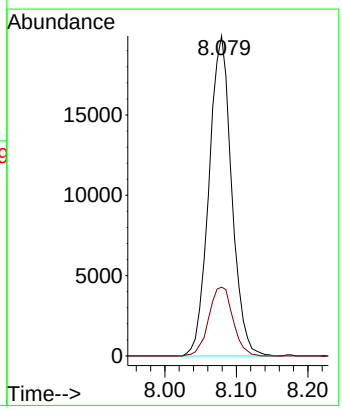


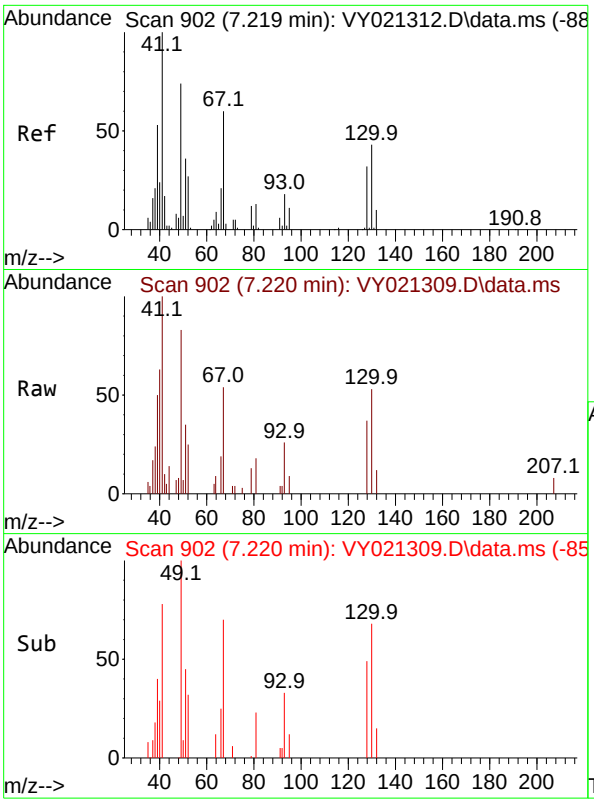


#40
Benzene
Concen: 5.203 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 78 Resp: 43912

Ion	Ratio	Lower	Upper
78	100		
77	21.5	19.2	28.8



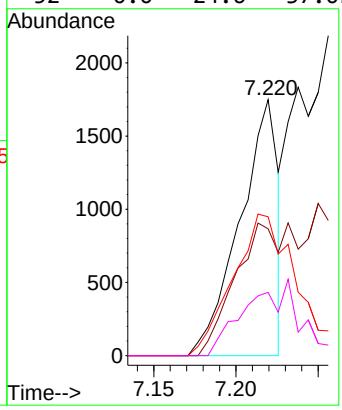


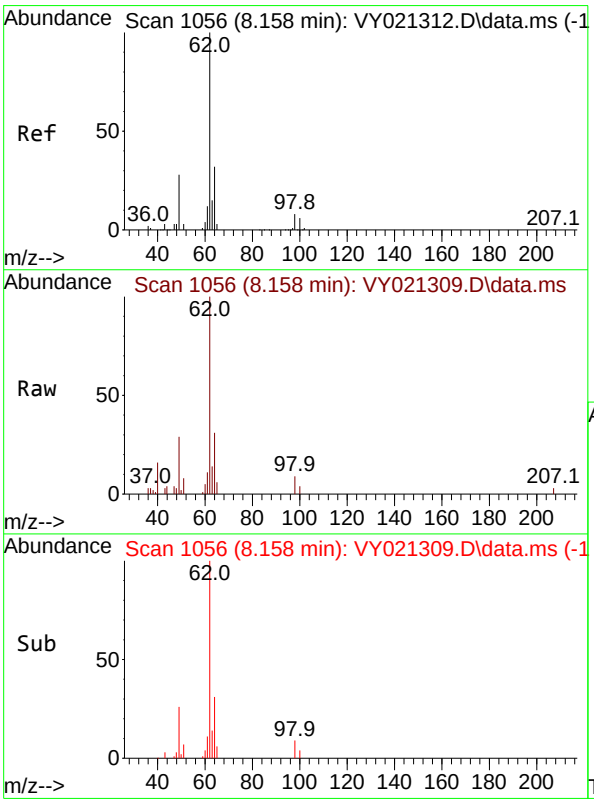
#41
Methacrylonitrile
Concen: 3.574 ug/l
RT: 7.220 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 41 Resp: 2838

Ion	Ratio	Lower	Upper
41	100		
39	58.3	42.3	63.5
67	89.5	54.8	82.2#
52	0.0	24.6	37.0#

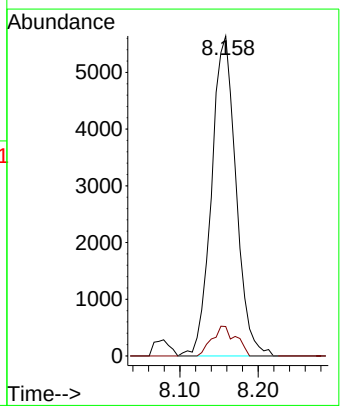


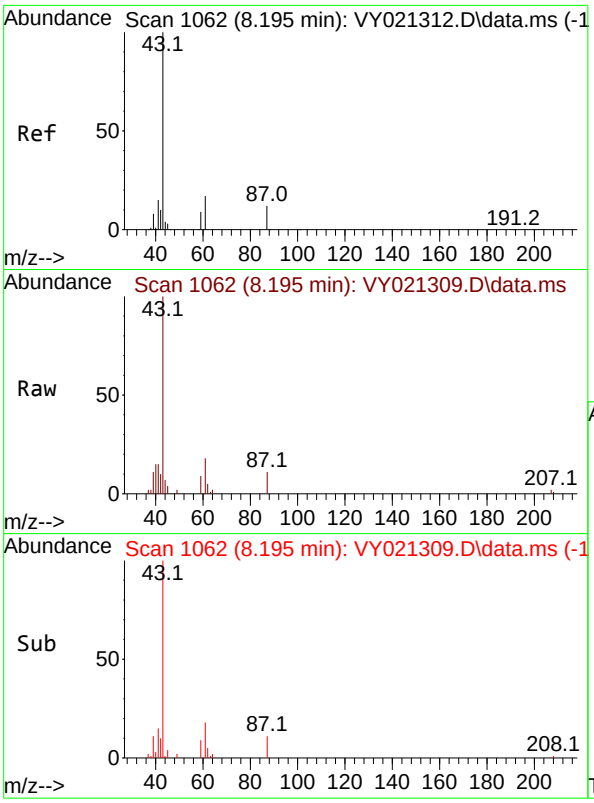


#42
1,2-Dichloroethane
Concen: 5.110 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 62 Resp: 12236

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.6



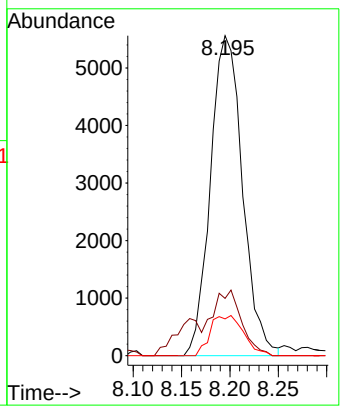


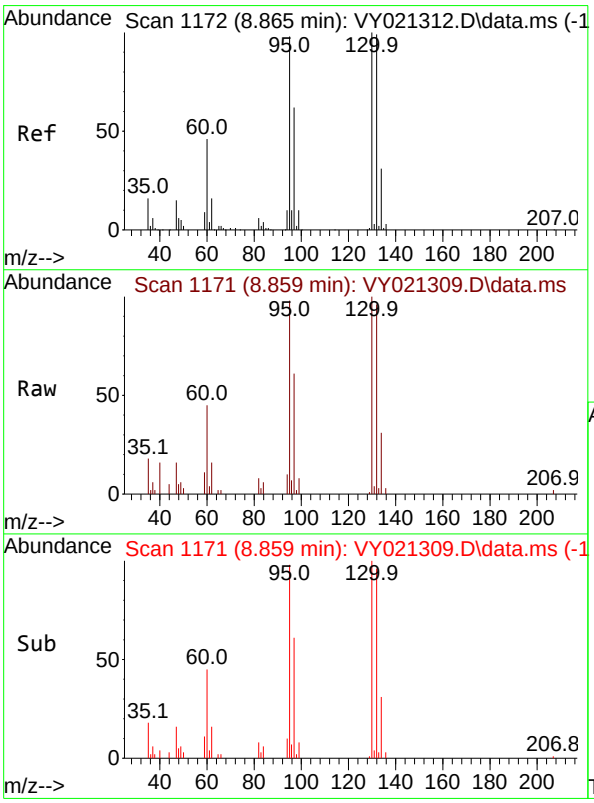
#43
Isopropyl Acetate
Concen: 4.668 ug/l
RT: 8.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 12832

Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.0	22.6
87	13.0	10.0	15.0

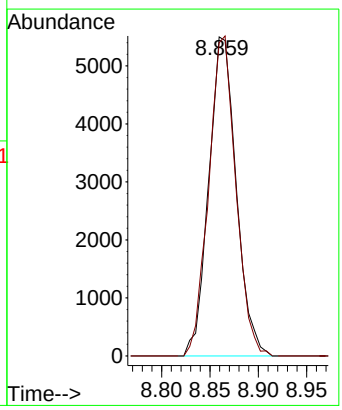


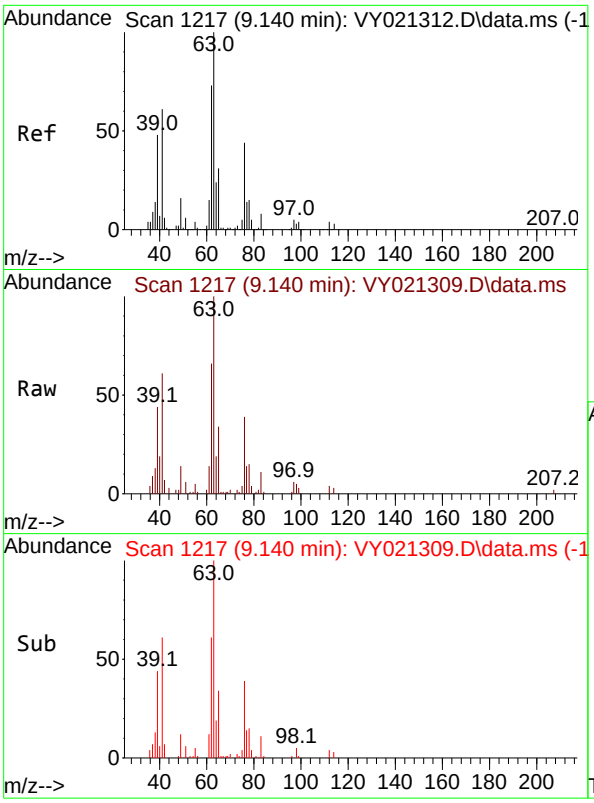


#44
Trichloroethene
Concen: 5.143 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:130 Resp: 10868

Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	196.0



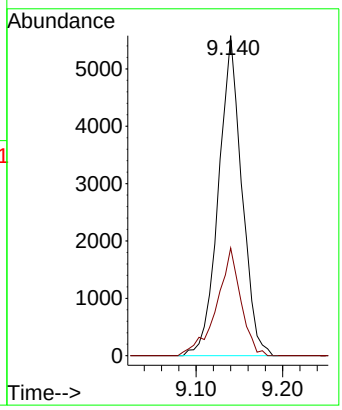


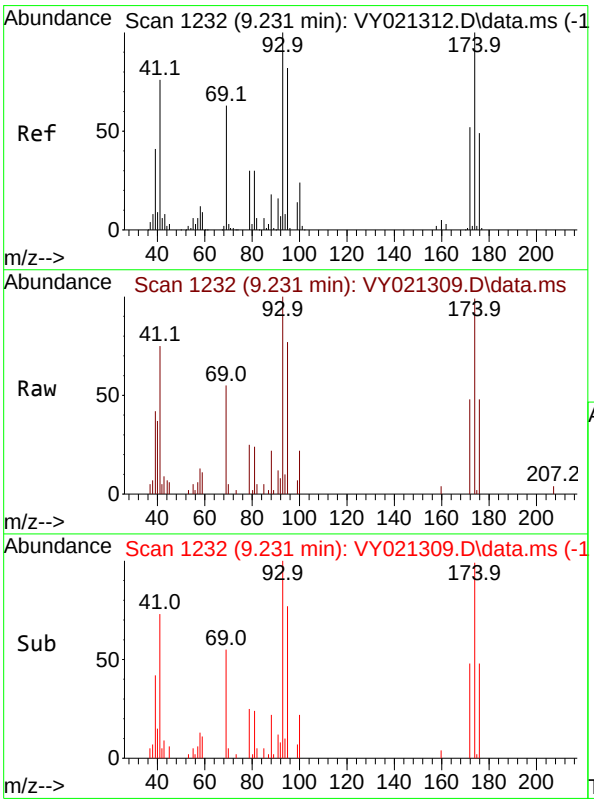
#45
1,2-Dichloropropane
Concen: 5.133 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 10426

Ion	Ratio	Lower	Upper
63	100		
65	33.6	24.6	36.8

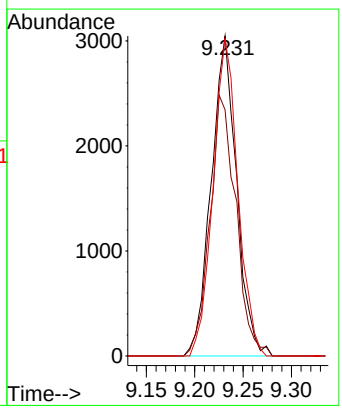


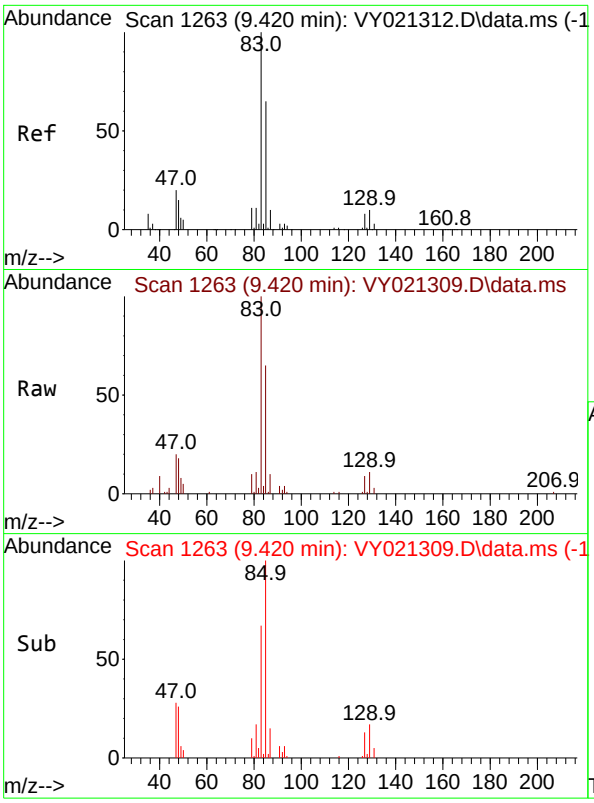


#46
Dibromomethane
Concen: 5.005 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 93 Resp: 5557

Ion	Ratio	Lower	Upper
93	100		
95	83.1	66.4	99.6
174	97.3	78.2	117.2



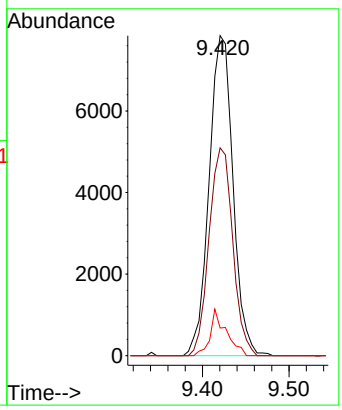


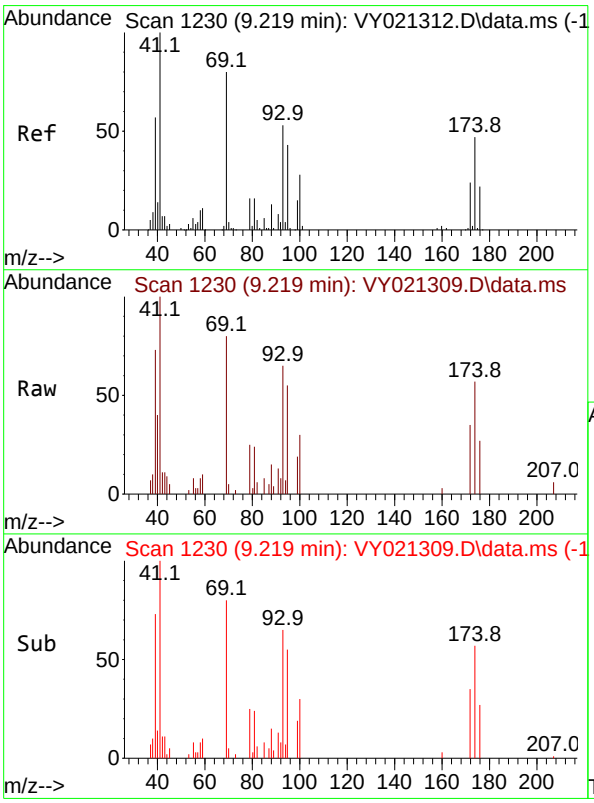
#47
Bromodichloromethane
Concen: 5.081 ug/l
RT: 9.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 15042

Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.8	77.8
127	8.7	6.7	10.1

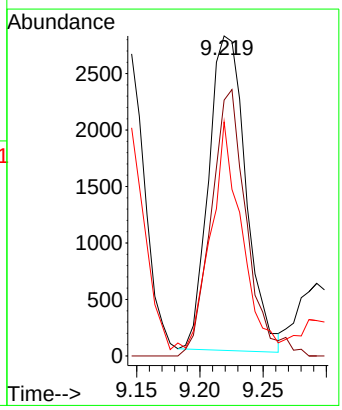


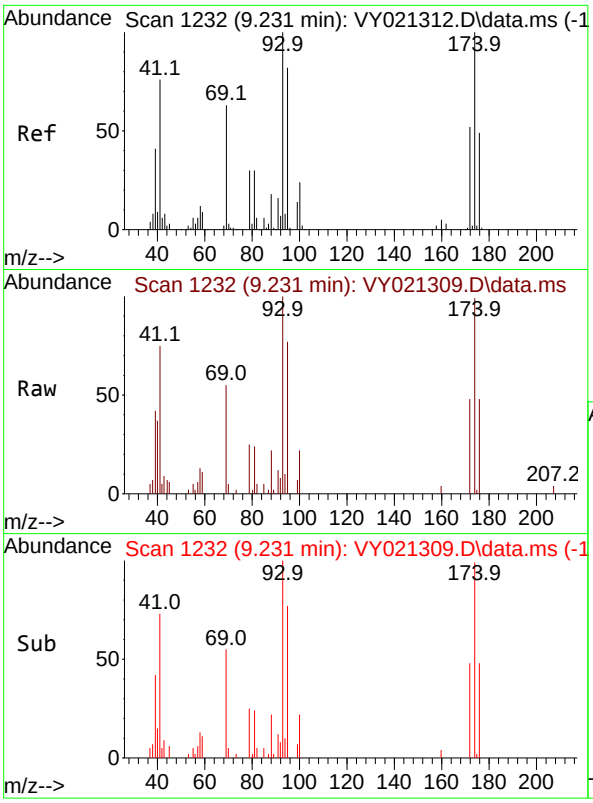


#48
Methyl methacrylate
Concen: 4.433 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 41 Resp: 5698

Ion	Ratio	Lower	Upper
41	100		
69	80.6	63.3	94.9
39	62.7	45.0	67.6



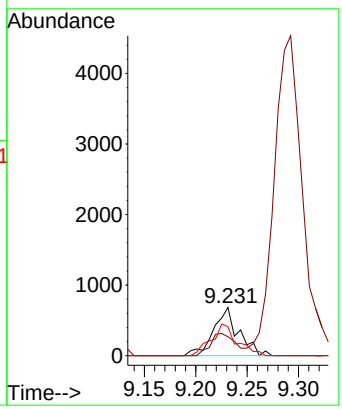


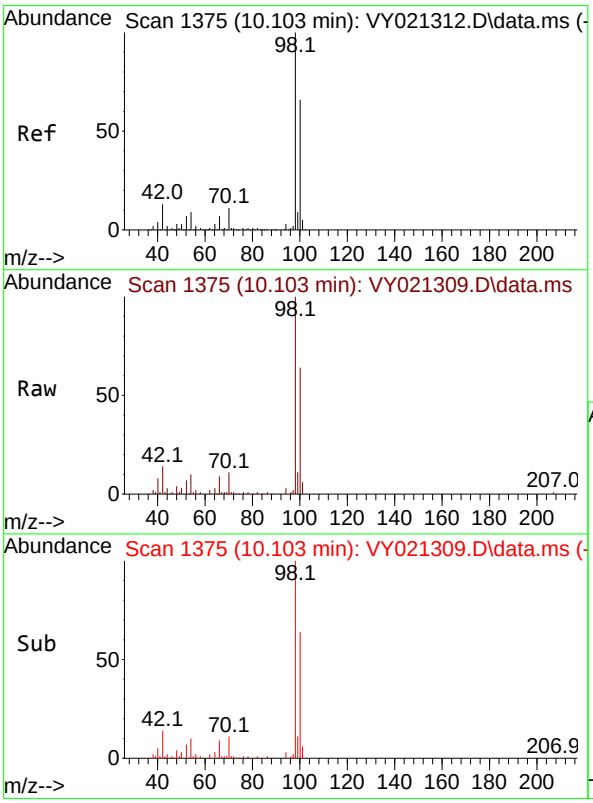
#49
1,4-Dioxane
Concen: 94.292 ug/l
RT: 9.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 88 Resp: 1164

Ion	Ratio	Lower	Upper
88	100		
43	43.6	34.8	52.2
58	67.1	59.8	89.6

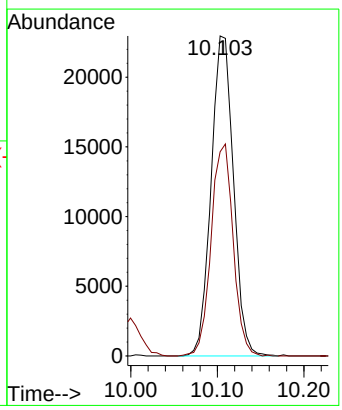


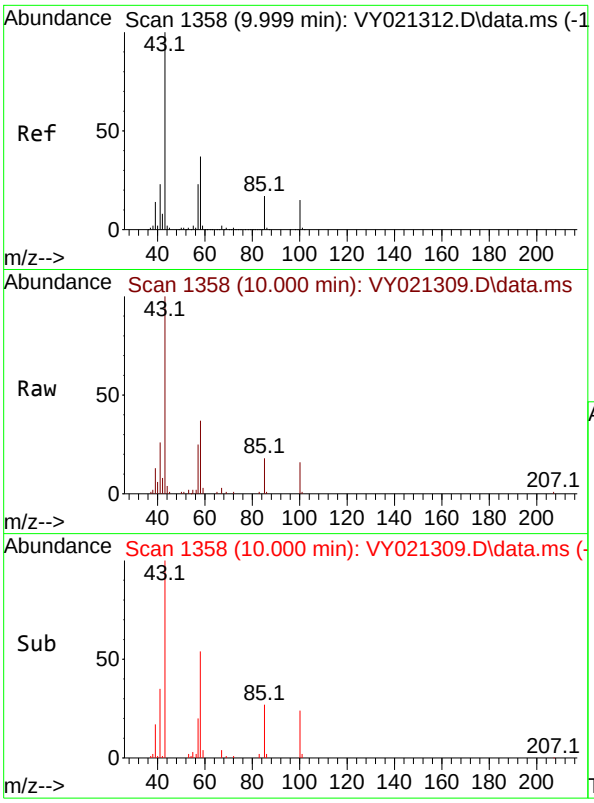


#50
Toluene-d8
Concen: 5.603 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 98 Resp: 41158

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.4	78.6



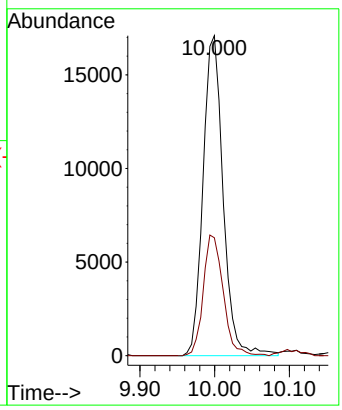


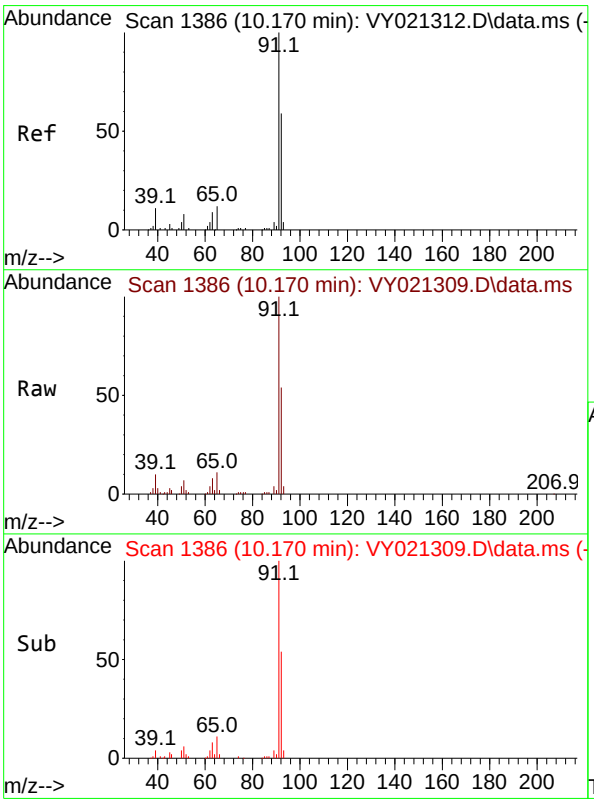
#51
4-Methyl-2-Pentanone
Concen: 22.677 ug/l
RT: 10.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 31910

Ion	Ratio	Lower	Upper
43	100		
58	37.3	30.1	45.1

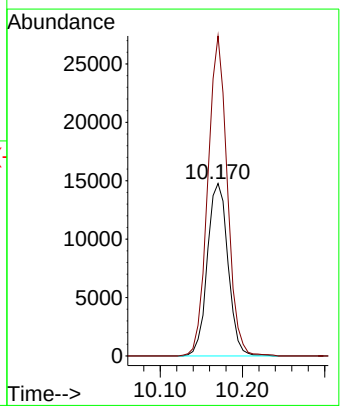


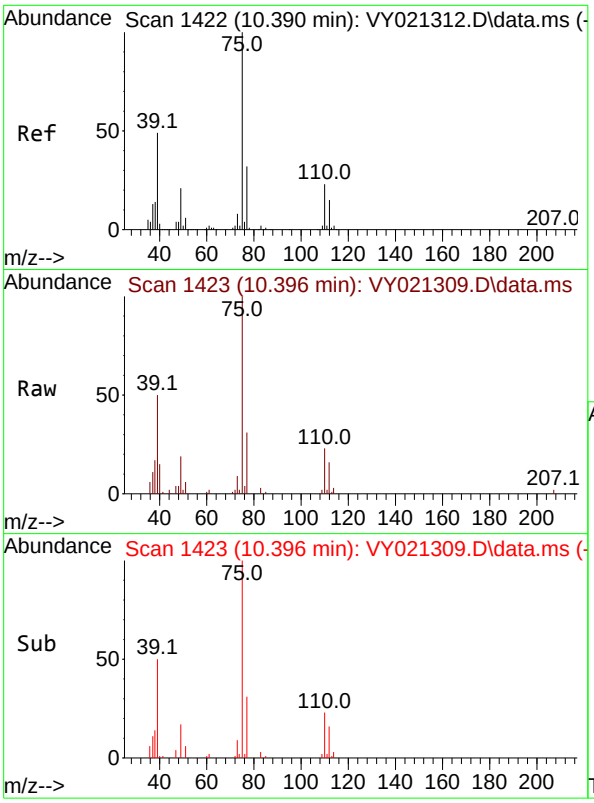


#52
Toluene
Concen: 4.905 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 92 Resp: 25715

Ion	Ratio	Lower	Upper
92	100		
91	175.2	137.8	206.8



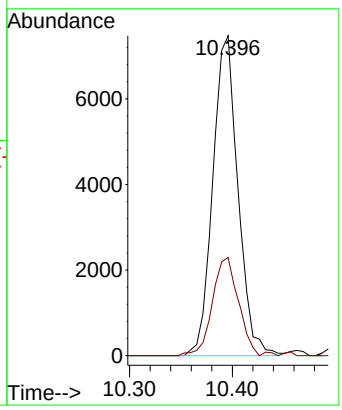


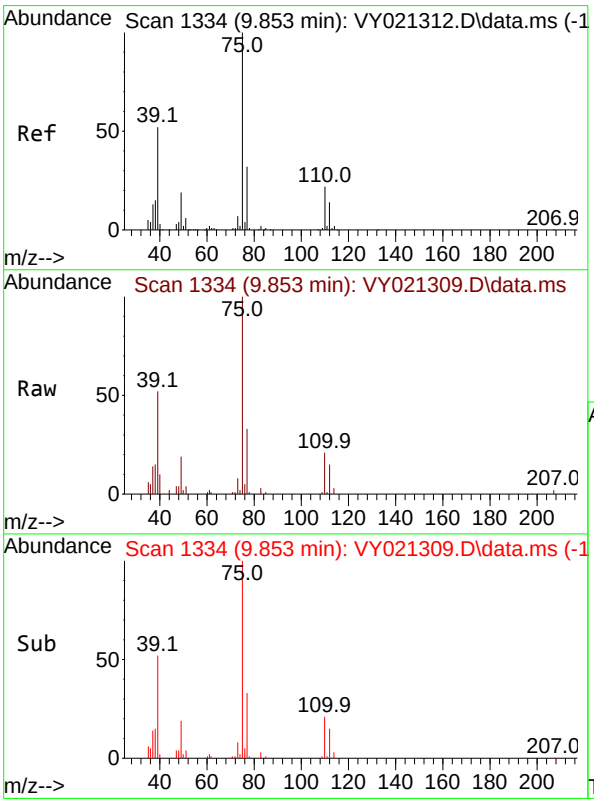
#53
t-1,3-Dichloropropene
Concen: 4.682 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 12697

Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.3	37.9

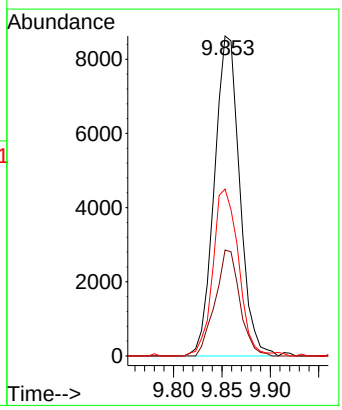


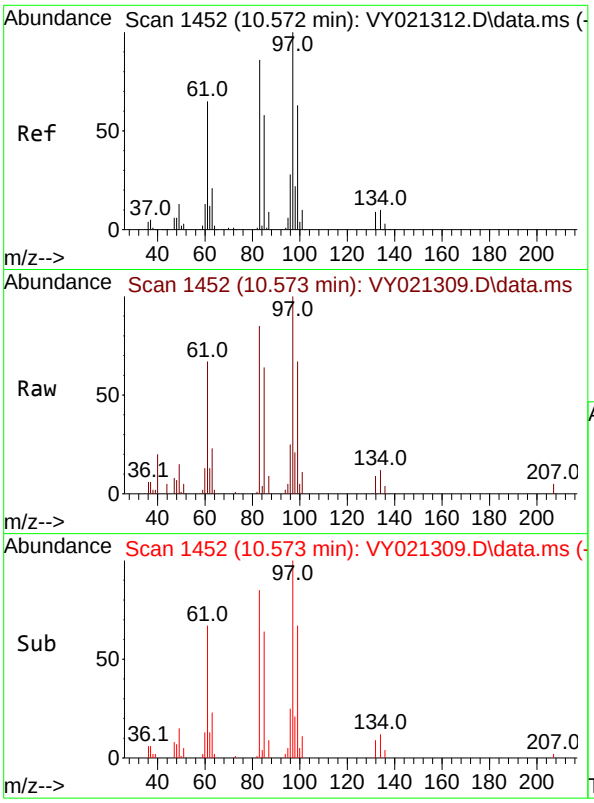


#54
cis-1,3-Dichloropropene
Concen: 4.899 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 75 Resp: 15685

Ion	Ratio	Lower	Upper
75	100		
77	33.1	25.7	38.5
39	52.2	41.8	62.6



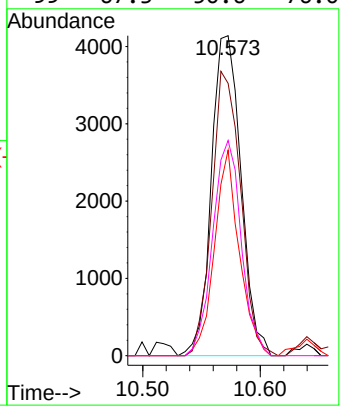


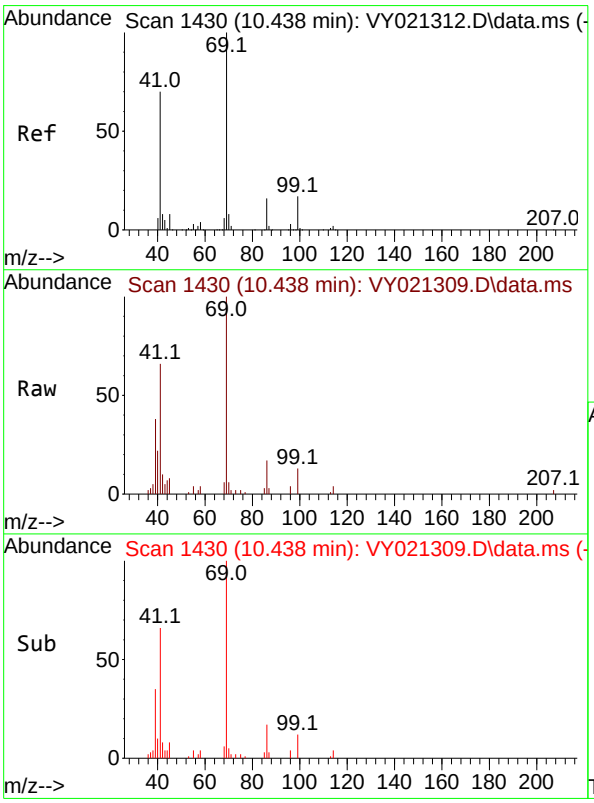
#55
1,1,2-Trichloroethane
Concen: 5.019 ug/l
RT: 10.573 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 97 Resp: 7259

Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.7	103.1
85	64.3	46.3	69.5
99	67.3	50.6	76.0

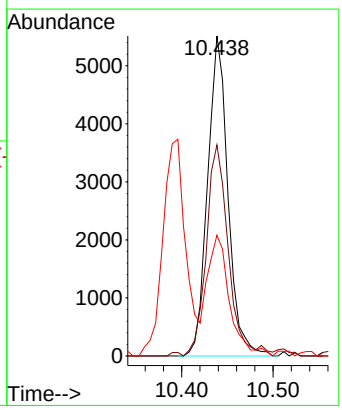


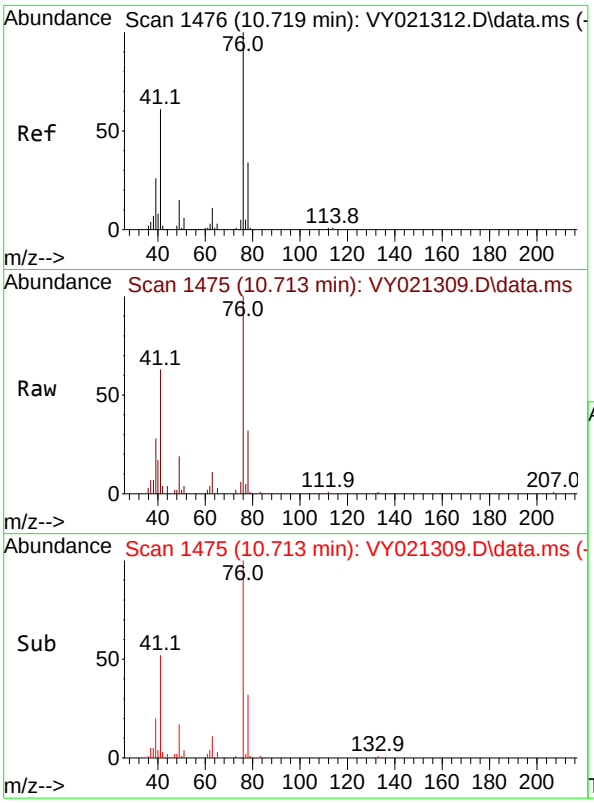


#56
Ethyl methacrylate
Concen: 4.267 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 69 Resp: 8528

Ion	Ratio	Lower	Upper
69	100		
41	71.9	56.2	84.4
39	40.8	32.7	49.1



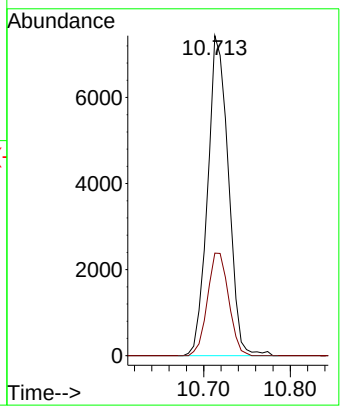


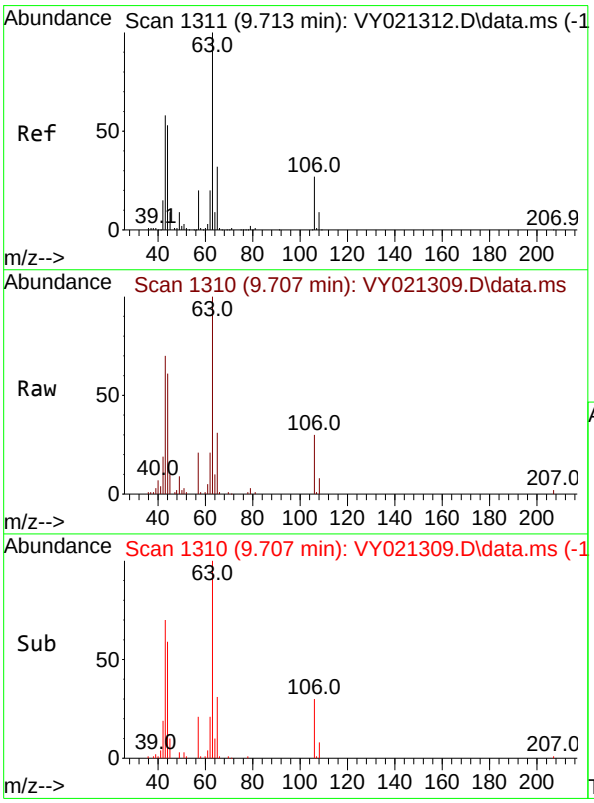
#57
1,3-Dichloropropane
Concen: 4.880 ug/l
RT: 10.713 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 12384

Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.9	38.9

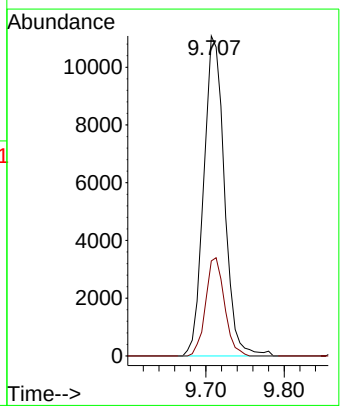


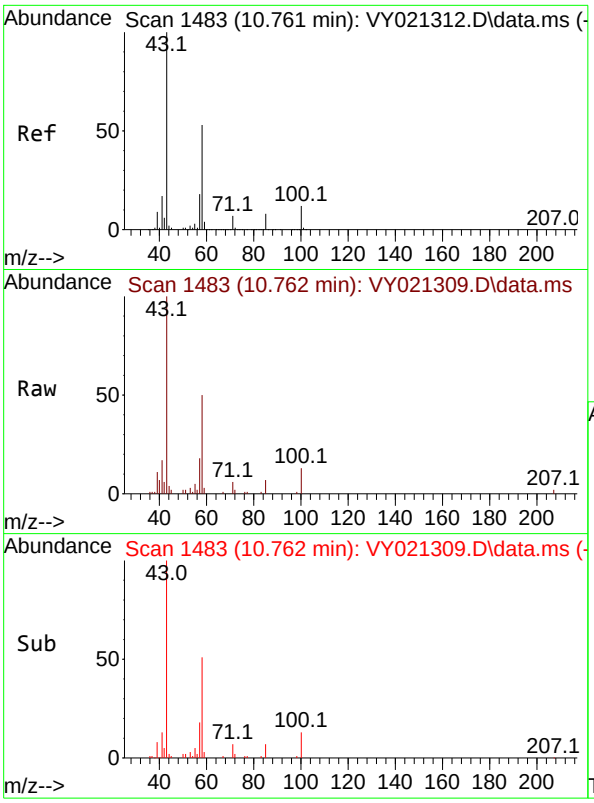


#58
2-Chloroethyl Vinyl ether
Concen: 21.153 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 63 Resp: 20290

Ion	Ratio	Lower	Upper
63	100		
106	28.0	21.7	32.5



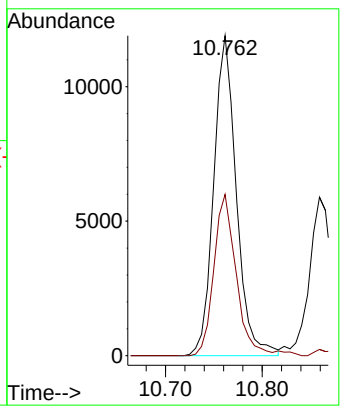


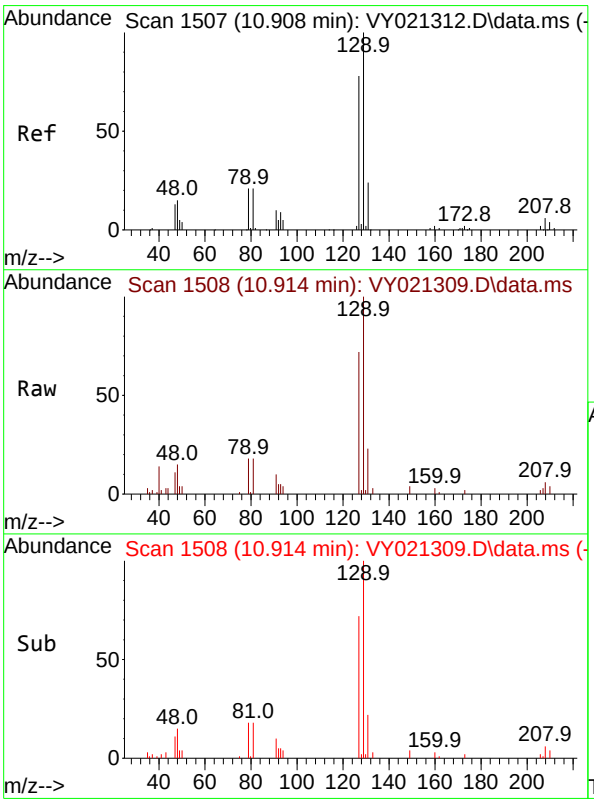
#59
2-Hexanone
Concen: 20.897 ug/l
RT: 10.762 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 19312

Ion	Ratio	Lower	Upper
43	100		
58	49.3	25.9	77.6

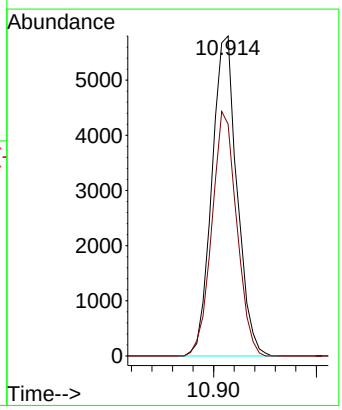


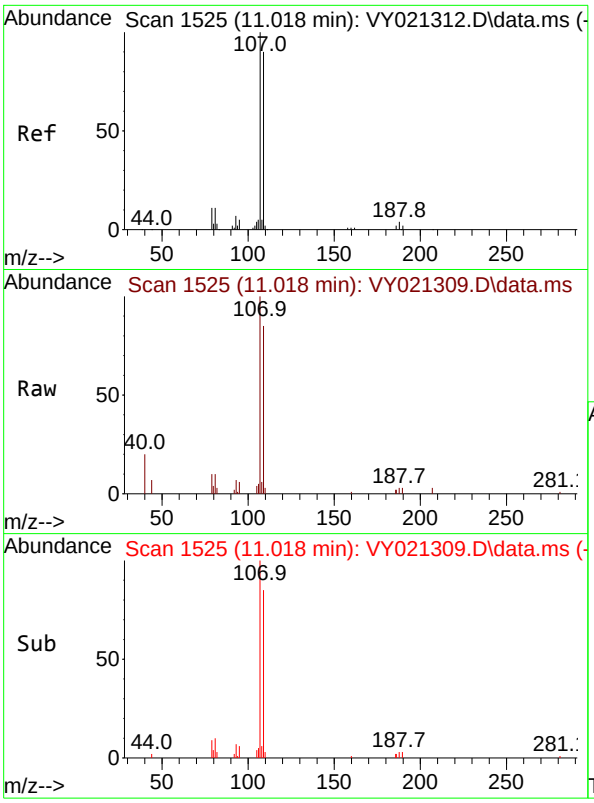


#60
Dibromochloromethane
Concen: 4.998 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:129 Resp: 9844

Ion	Ratio	Lower	Upper
129	100		
127	75.4	38.8	116.4



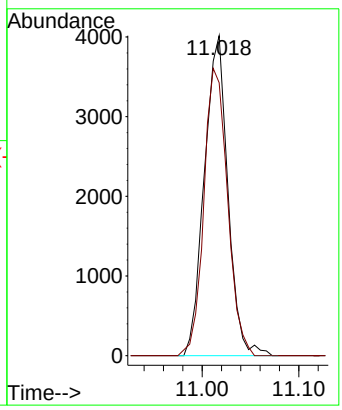


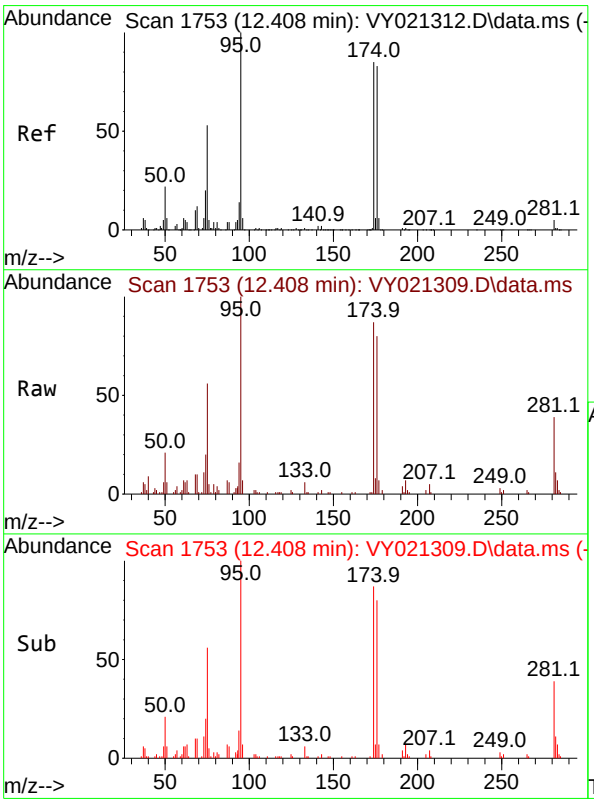
#61
1,2-Dibromoethane
Concen: 4.960 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:107 Resp: 6792

Ion	Ratio	Lower	Upper
107	100		
109	90.5	73.8	110.8

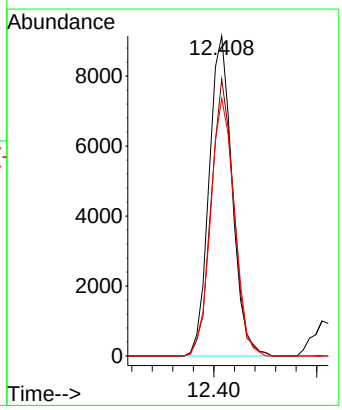


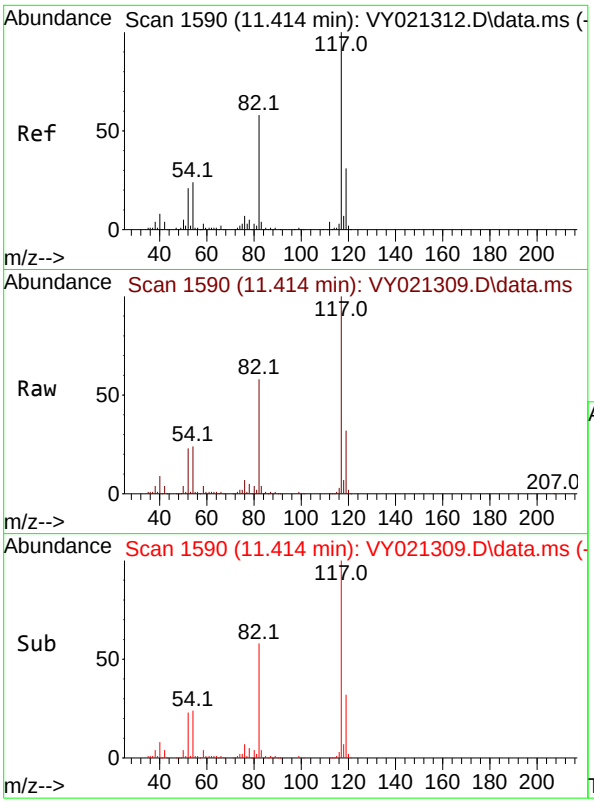


#62
4-Bromofluorobenzene
Concen: 5.741 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 95 Resp: 14192

Ion	Ratio	Lower	Upper
95	100		
174	85.3	0.0	168.0
176	83.1	0.0	162.6



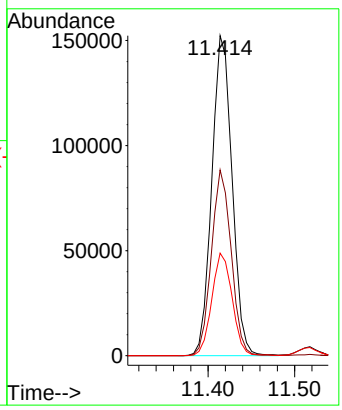


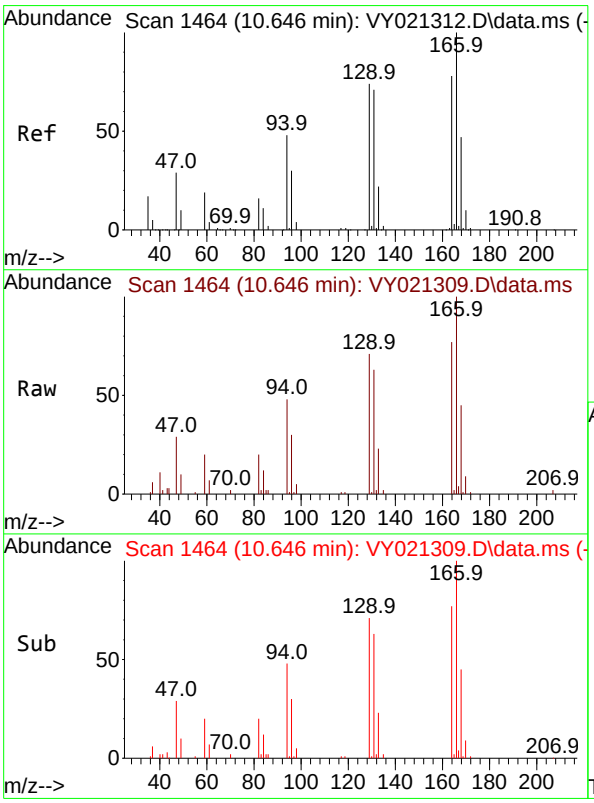
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:117 Resp: 247837

Ion	Ratio	Lower	Upper
117	100		
82	58.1	46.2	69.4
119	32.0	24.9	37.3

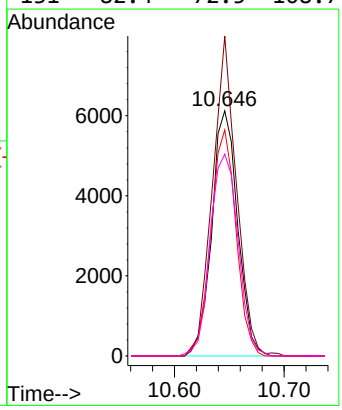


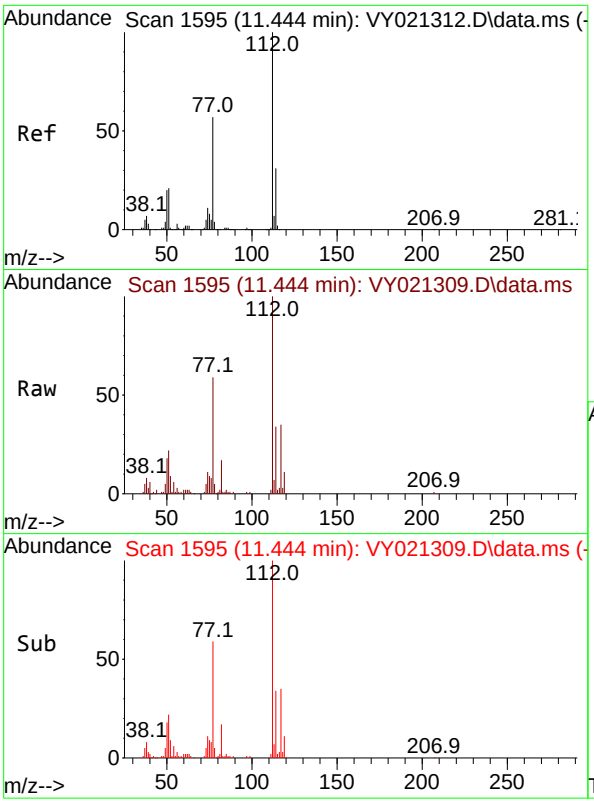


#64
Tetrachloroethene
Concen: 5.361 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:164 Resp: 10042

Ion	Ratio	Lower	Upper
164	100		
166	130.6	101.9	152.9
129	92.3	75.5	113.3
131	82.4	72.5	108.7



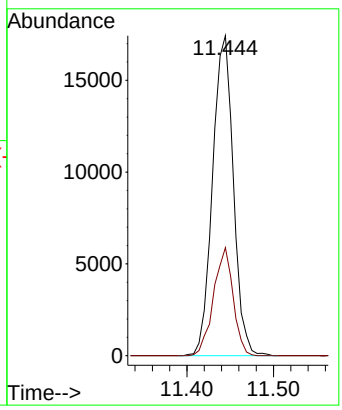


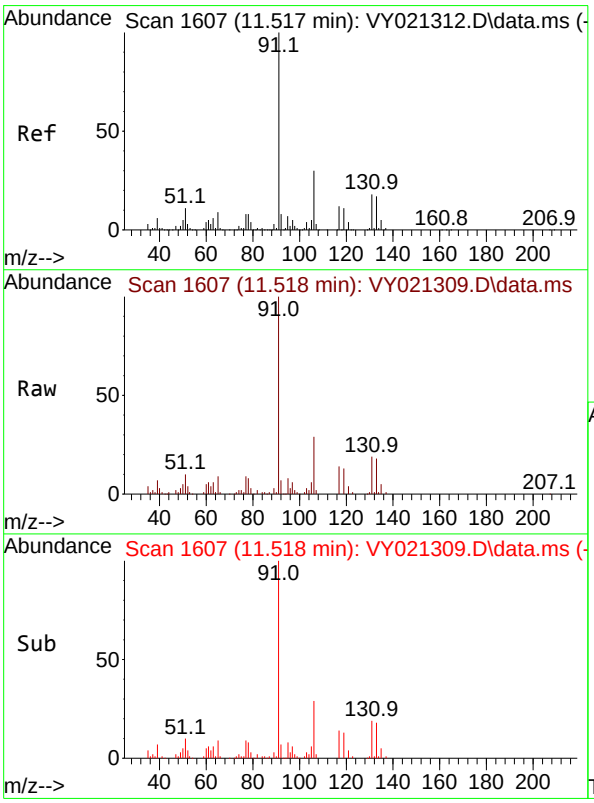
#65
Chlorobenzene
Concen: 5.217 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 29025

Ion	Ratio	Lower	Upper
112	100		
114	33.8	25.0	37.6

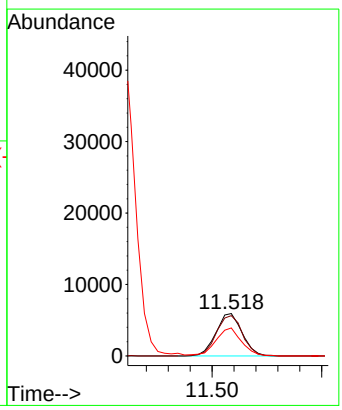


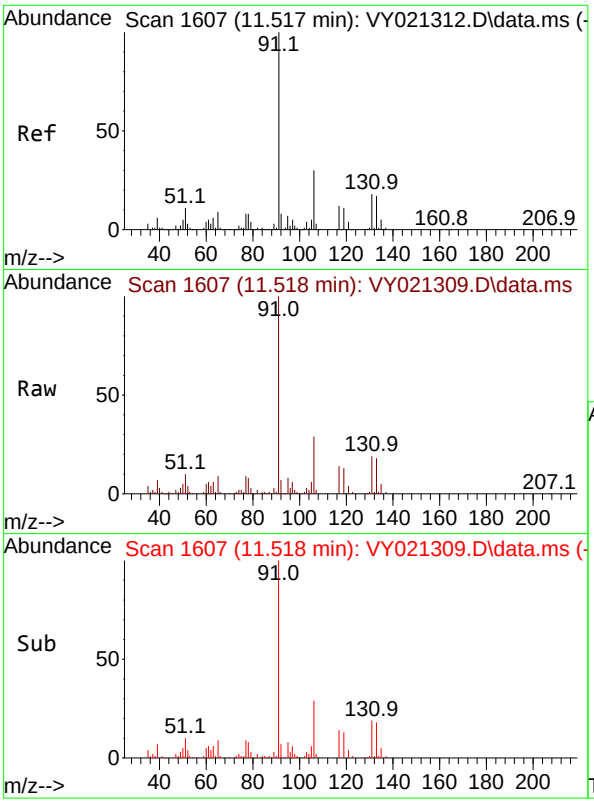


#66
1,1,1,2-Tetrachloroethane
Concen: 5.043 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:131 Resp: 9824

Ion	Ratio	Lower	Upper
131	100		
133	95.8	47.9	143.6
119	64.5	31.7	95.1



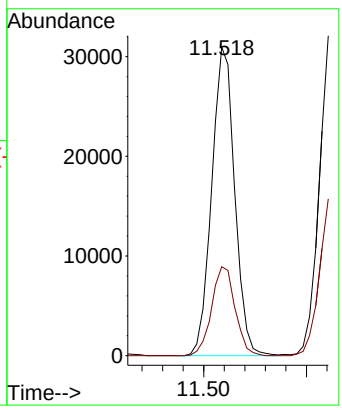


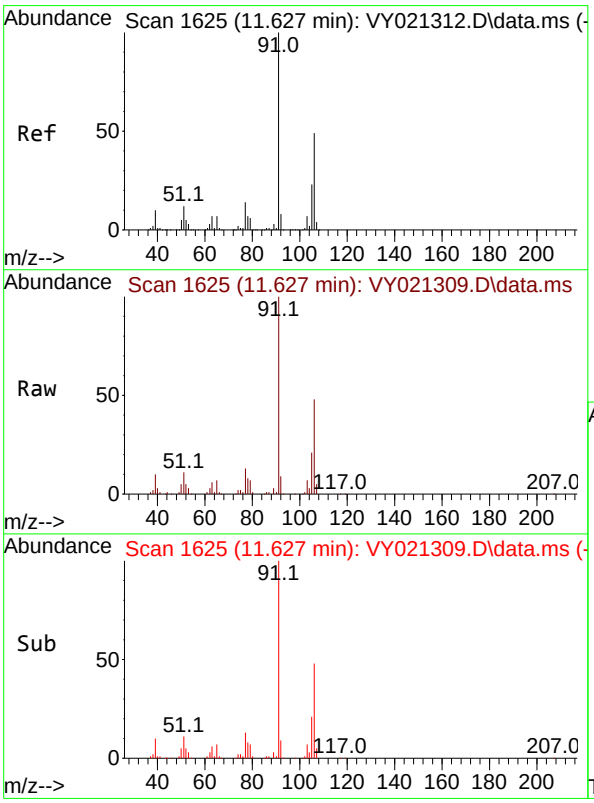
#67
Ethyl Benzene
Concen: 4.874 ug/l
RT: 11.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 48026

Ion	Ratio	Lower	Upper
91	100		
106	28.8	24.4	36.6

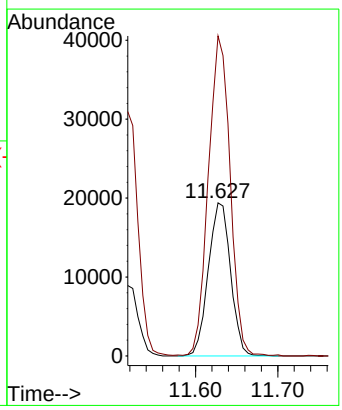


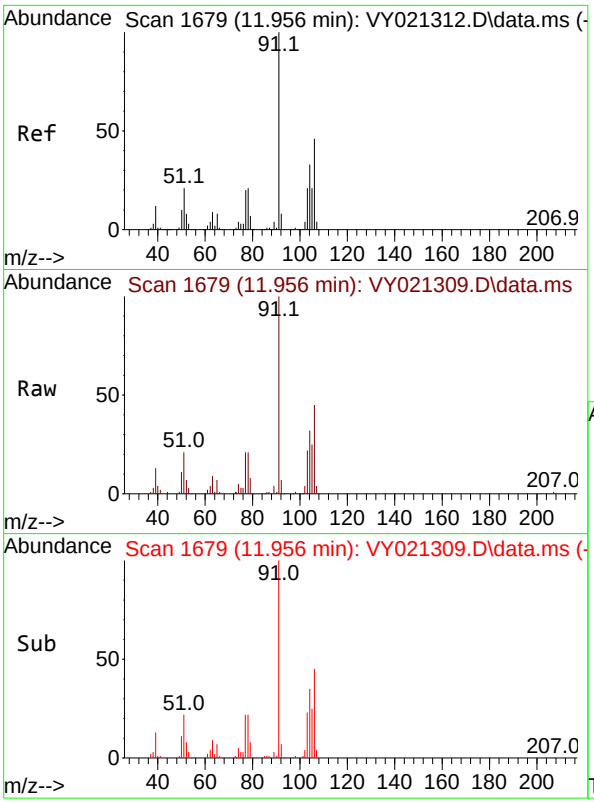


#68
m/p-Xylenes
Concen: 9.833 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:106 Resp: 36446

Ion	Ratio	Lower	Upper
106	100		
91	205.1	163.9	245.9



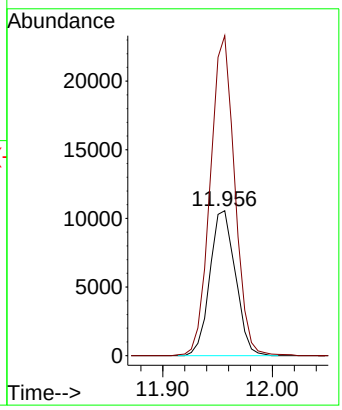


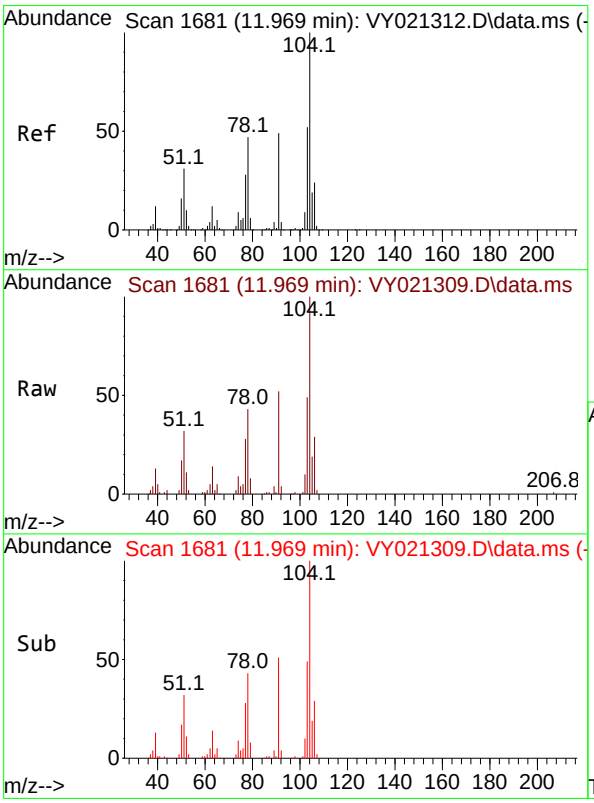
#69
o-Xylene
Concen: 4.920 ug/l
RT: 11.956 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 17085

Ion	Ratio	Lower	Upper
106	100		
91	211.7	108.1	324.2

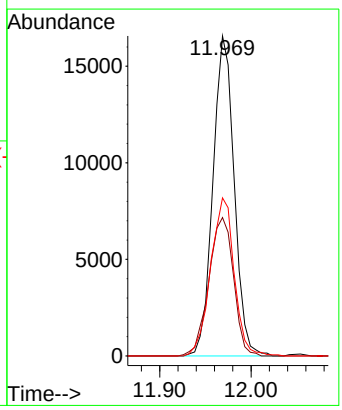


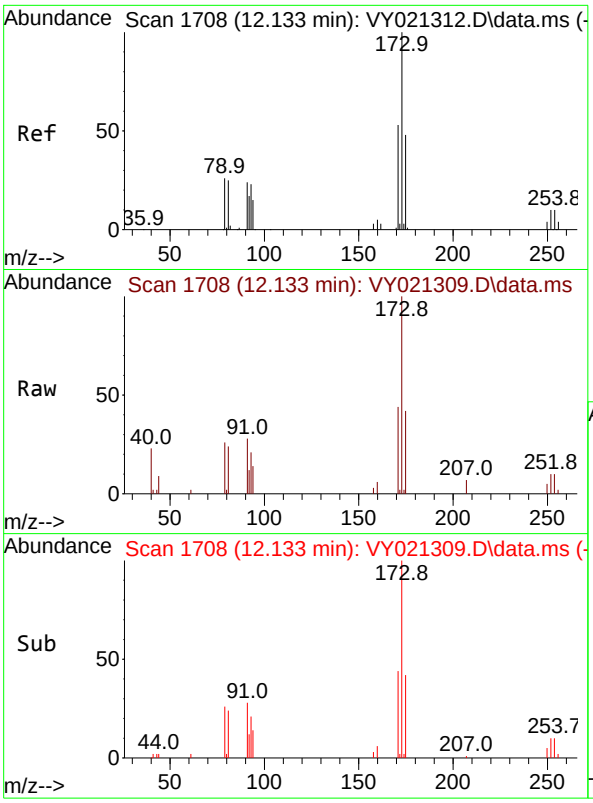


#70
Styrene
Concen: 4.637 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:104 Resp: 26787

Ion	Ratio	Lower	Upper
104	100		
78	50.1	41.3	61.9
103	54.9	43.9	65.9



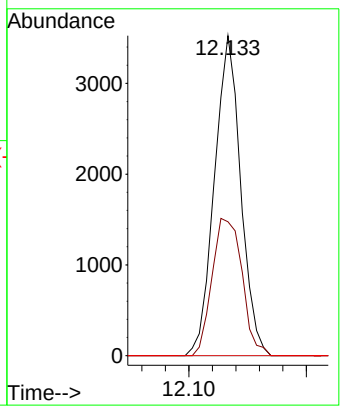


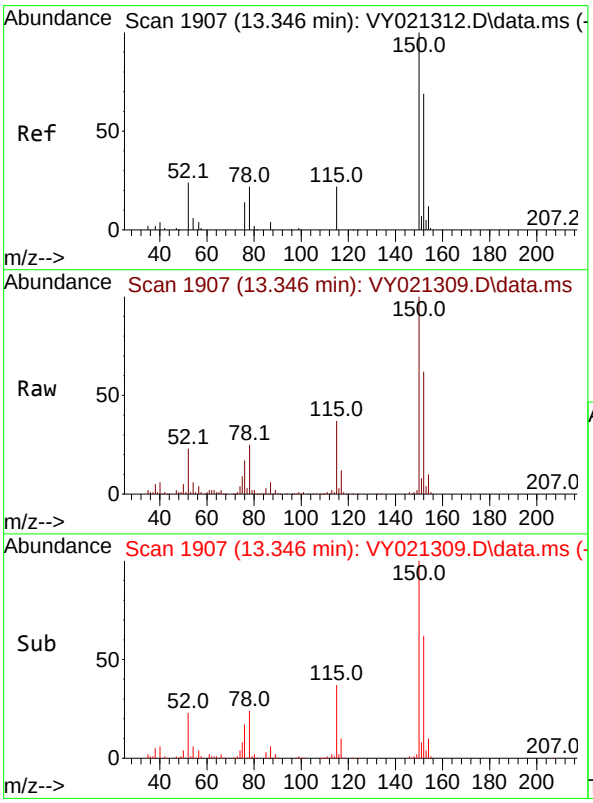
#71
Bromoform
Concen: 4.916 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:173 Resp: 5478

Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.1	72.3
254	0.0	0.1	0.1#

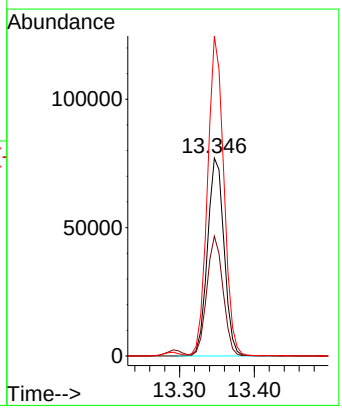


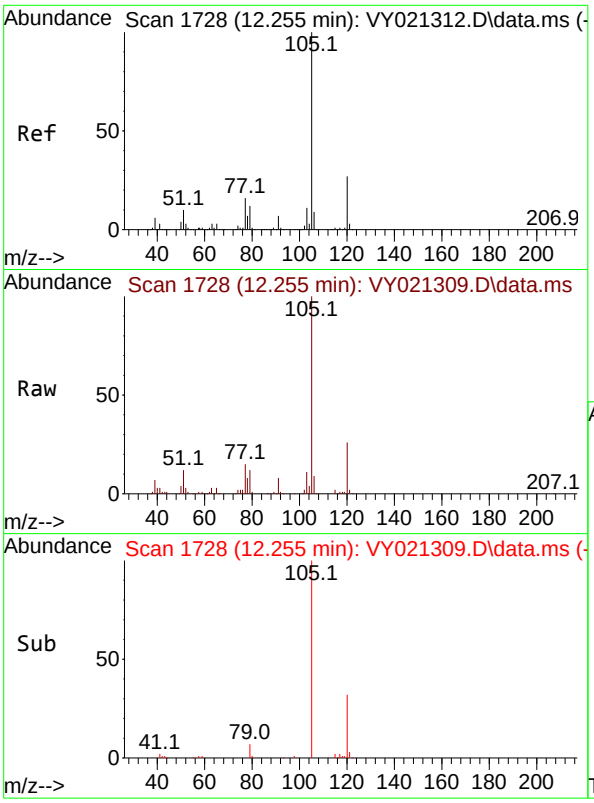


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:152 Resp: 118690

Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.3	88.0
150	158.5	0.0	347.4



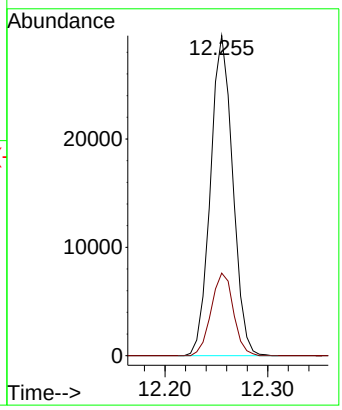


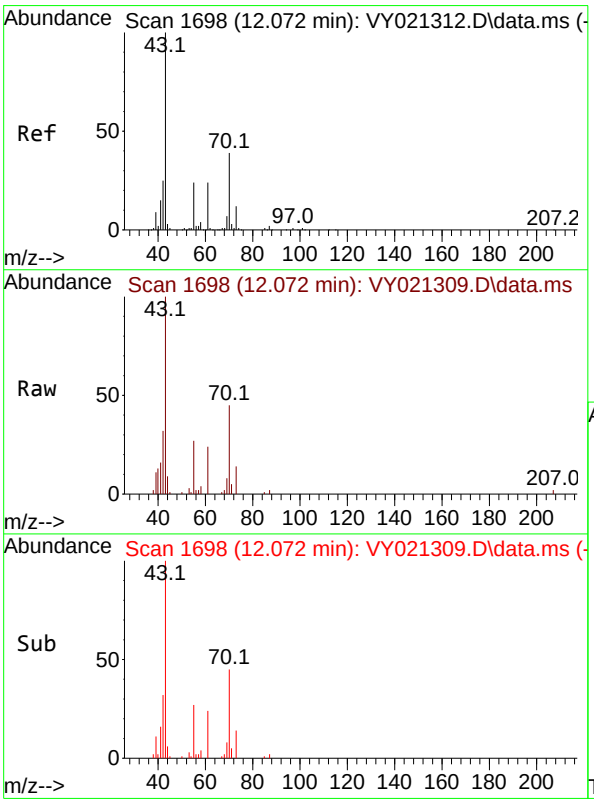
#73
Isopropylbenzene
Concen: 4.980 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 44434

Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.3	39.8

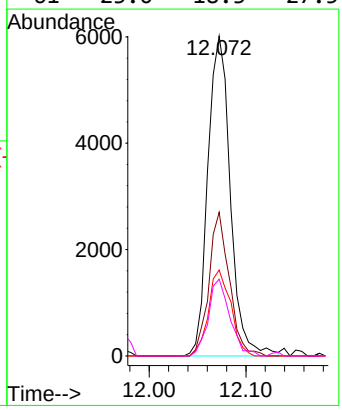


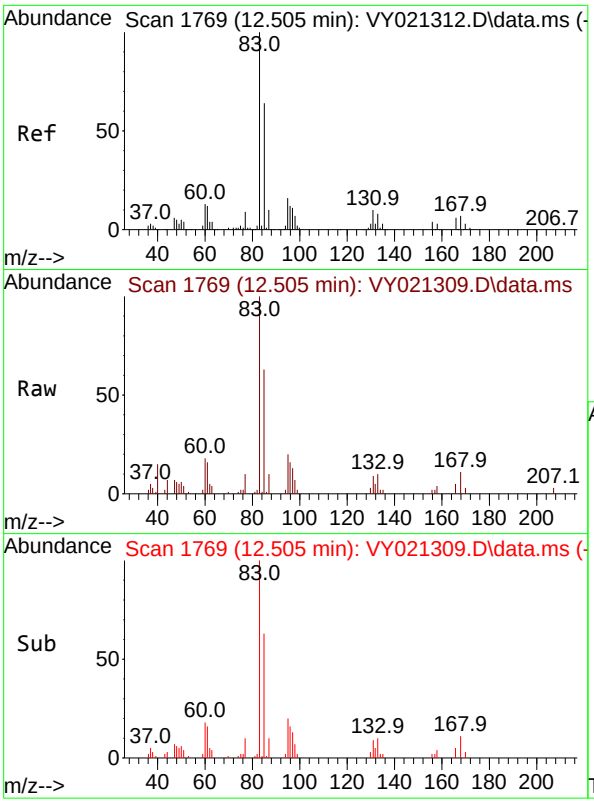


#74
N-amyl acetate
Concen: 4.283 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 43 Resp: 9713

Ion	Ratio	Lower	Upper
43	100		
70	40.9	32.2	48.2
55	26.7	19.6	29.4
61	23.0	18.3	27.5



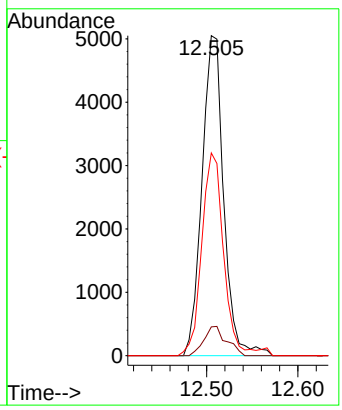


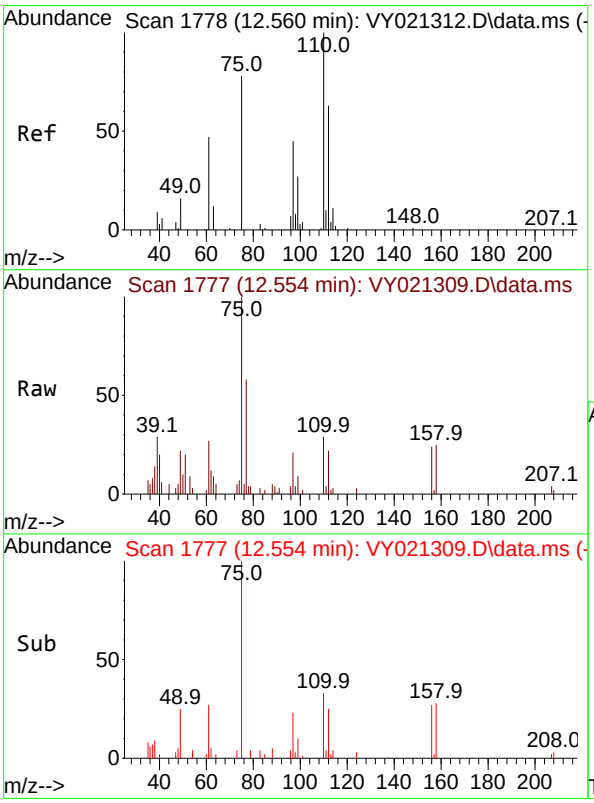
#75
1,1,2,2-Tetrachloroethane
Concen: 5.276 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 8309

Ion	Ratio	Lower	Upper
83	100		
131	9.5	5.2	15.6
85	63.4	32.0	96.0

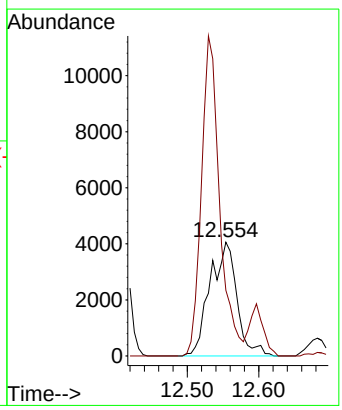


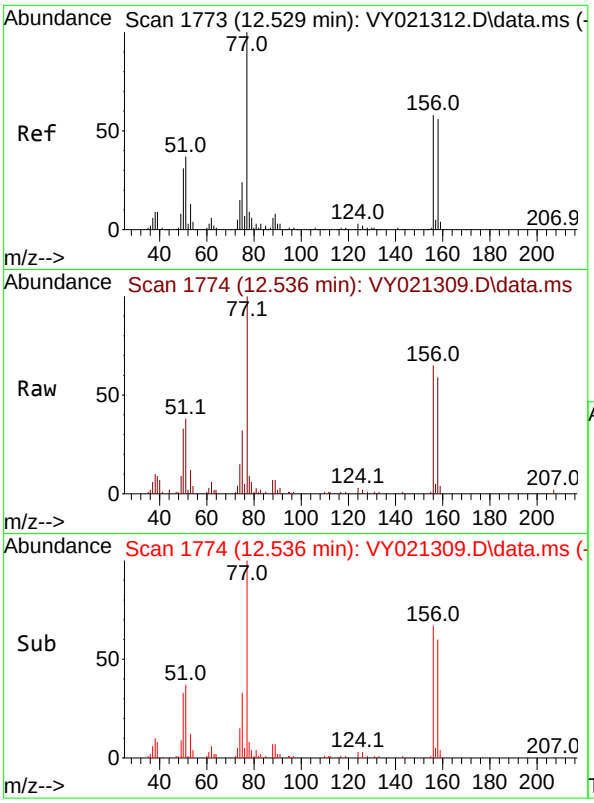


#76
1,2,3-Trichloropropane
Concen: 8.890 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 75 Resp: 10626

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



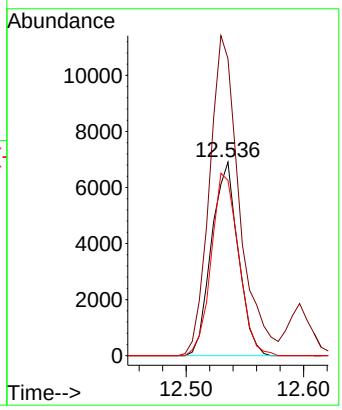


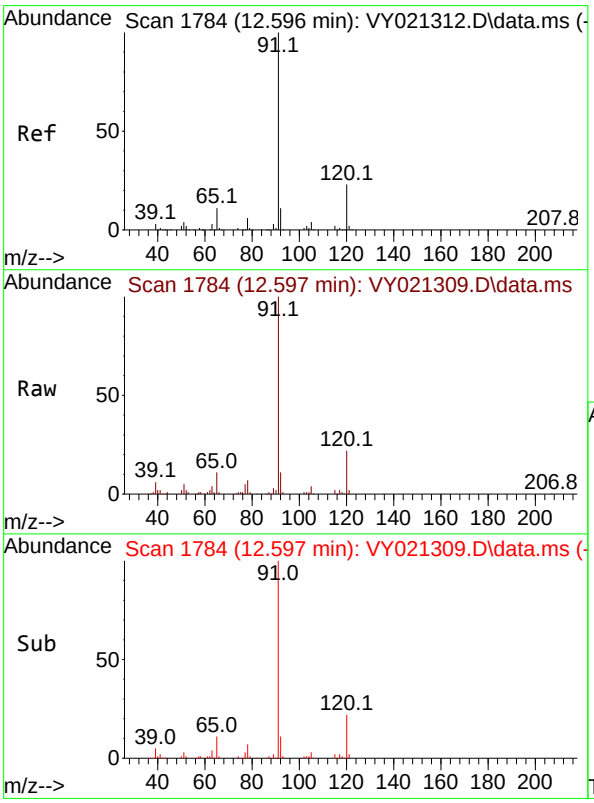
#77
Bromobenzene
Concen: 5.257 ug/l
RT: 12.536 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:156 Resp: 10911

Ion	Ratio	Lower	Upper
156	100		
77	185.6	94.0	282.1
158	96.6	48.7	146.1

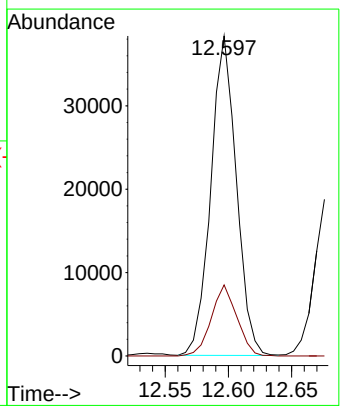


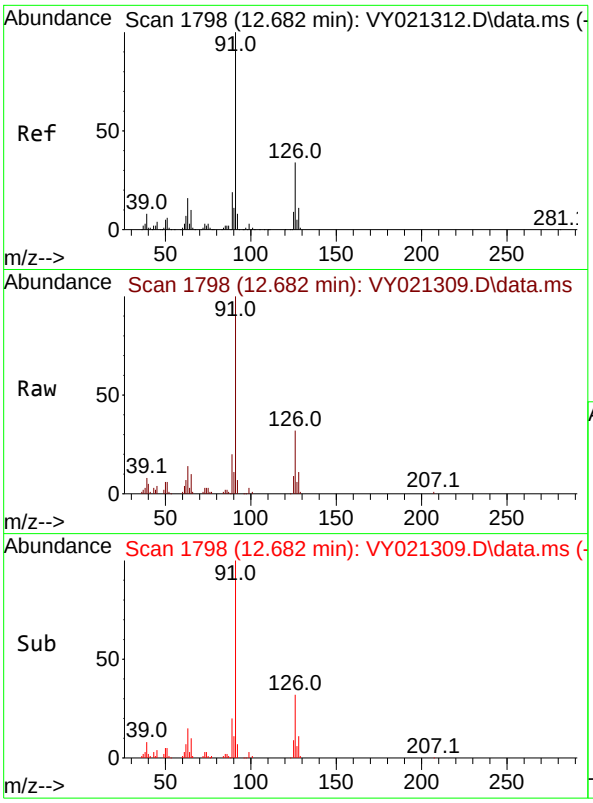


#78
n-propylbenzene
Concen: 4.968 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 91 Resp: 53794

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.2	33.5



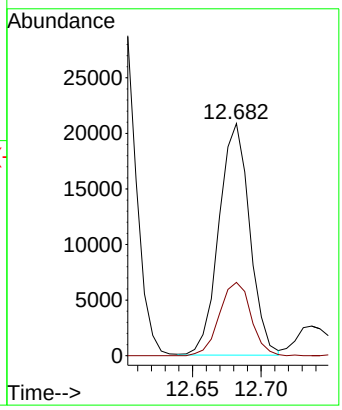


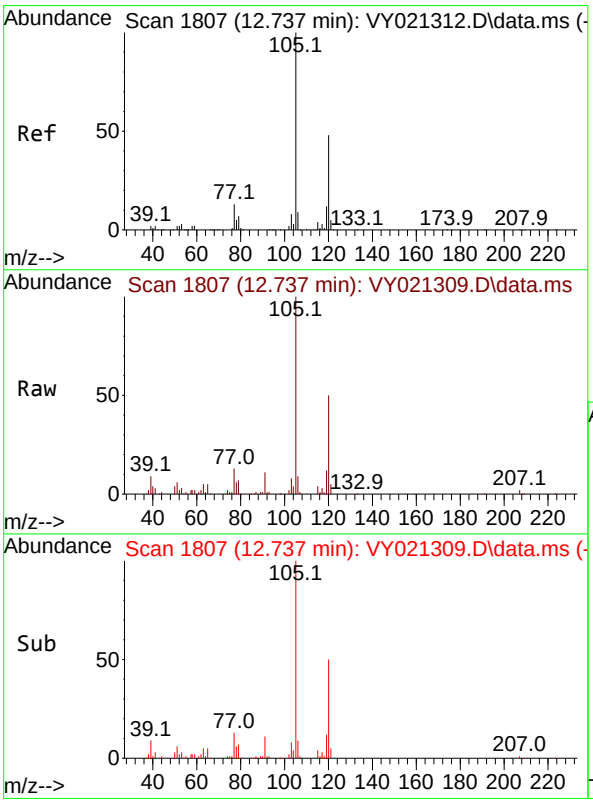
#79
2-Chlorotoluene
Concen: 5.235 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 32529

Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.9	50.6

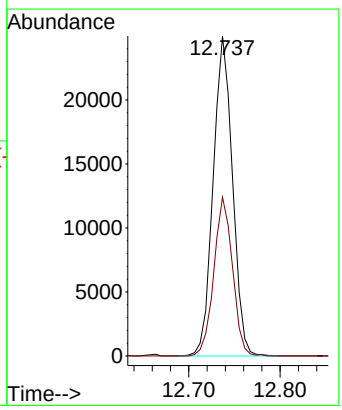


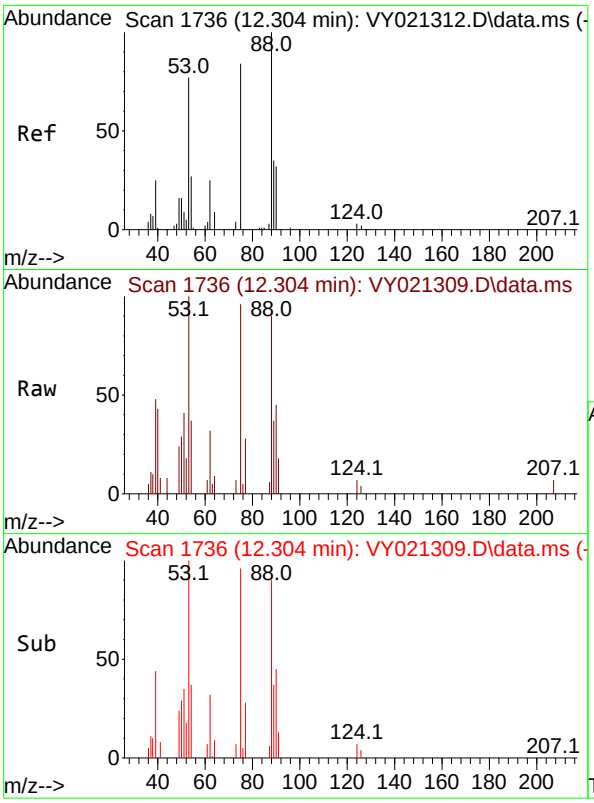


#80
1,3,5-Trimethylbenzene
Concen: 5.014 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:105 Resp: 36696

Ion	Ratio	Lower	Upper
105	100		
120	47.9	24.3	73.0



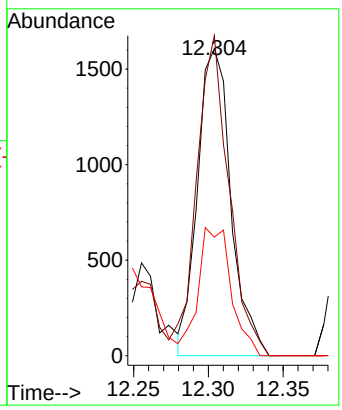


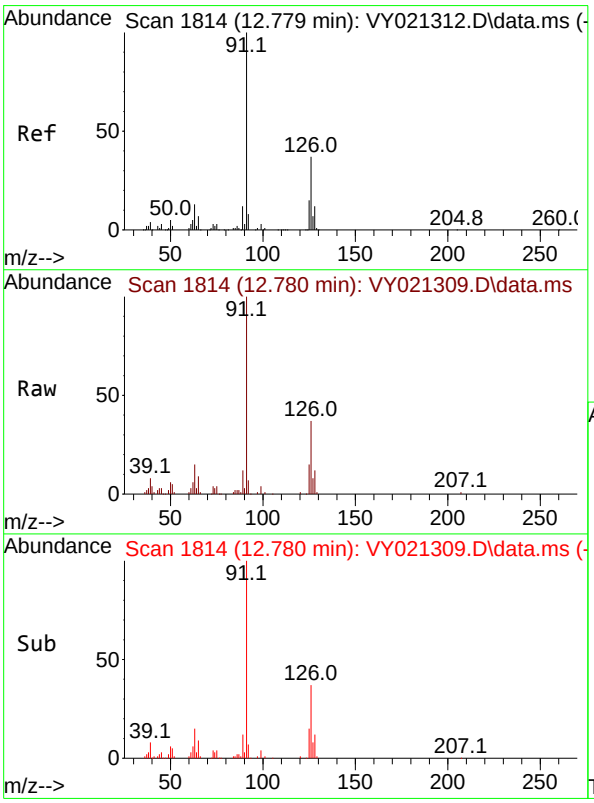
#81
trans-1,4-Dichloro-2-butene
Concen: 4.664 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 2493

Ion	Ratio	Lower	Upper
75	100		
53	100.8	79.1	118.7
89	41.2	35.6	53.4

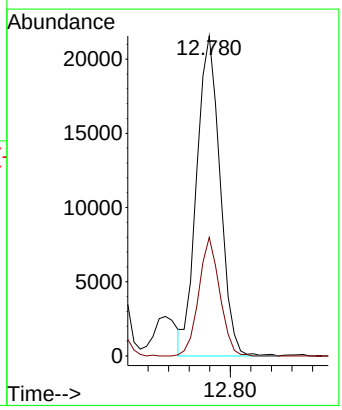


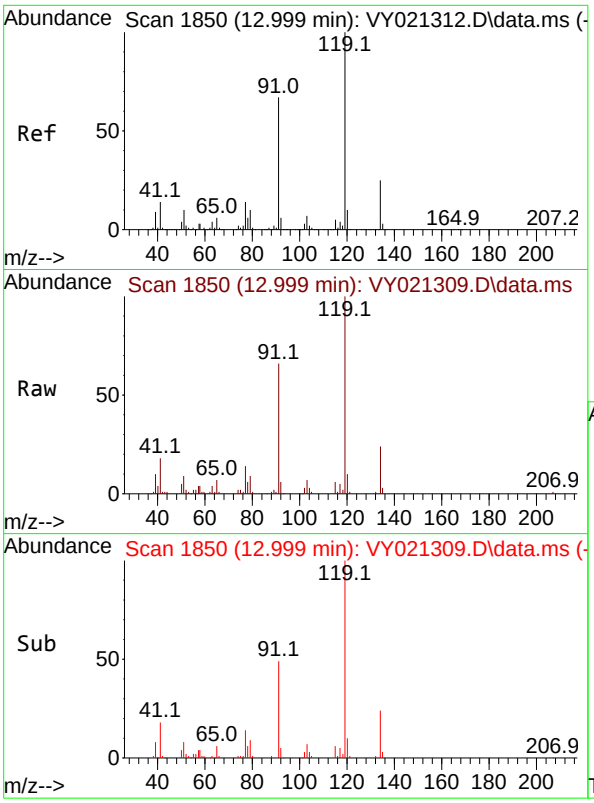


#82
4-Chlorotoluene
Concen: 5.290 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 91 Resp: 34079

Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.8	50.4



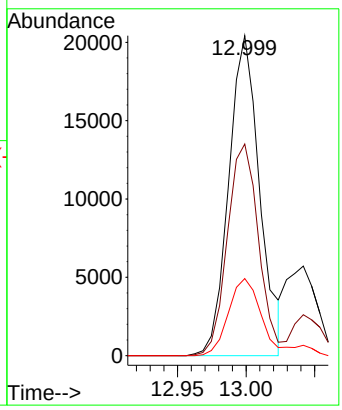


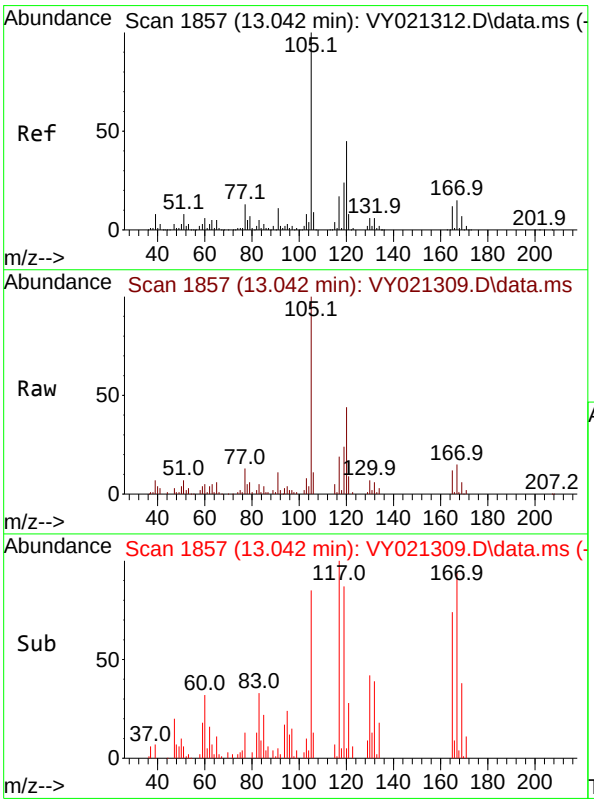
#83
tert-Butylbenzene
Concen: 4.852 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 32078

Ion	Ratio	Lower	Upper
119	100		
91	66.5	32.7	98.1
134	26.0	13.3	39.9

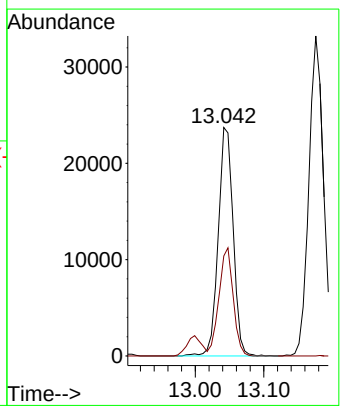


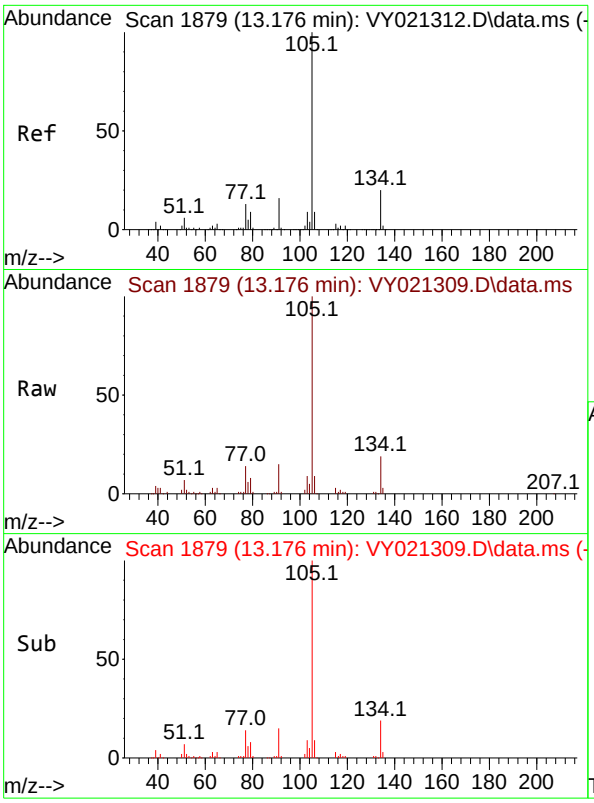


#84
1,2,4-Trimethylbenzene
Concen: 4.915 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:105 Resp: 35772

Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.4	67.3



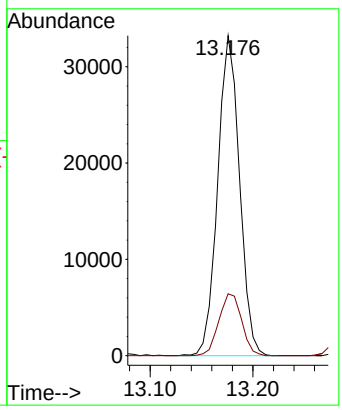


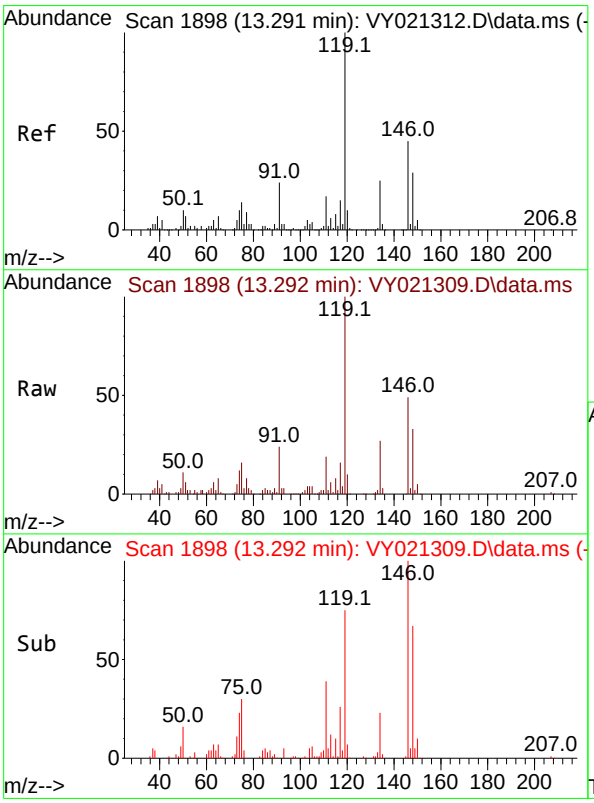
#85
sec-Butylbenzene
Concen: 5.072 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 48977

Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.0	30.0

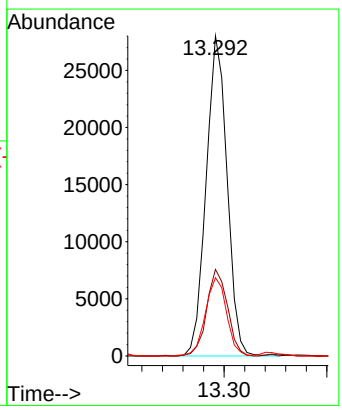


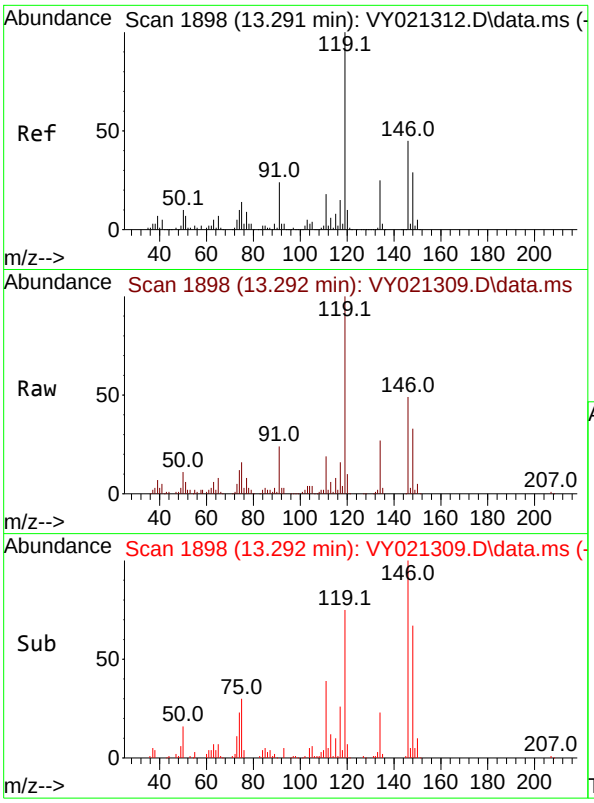


#86
p-Isopropyltoluene
Concen: 4.916 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:119 Resp: 39637

Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.0	38.9
91	24.8	12.0	36.1



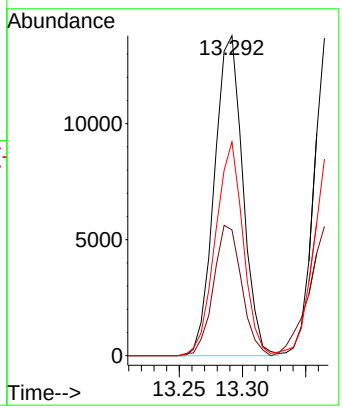


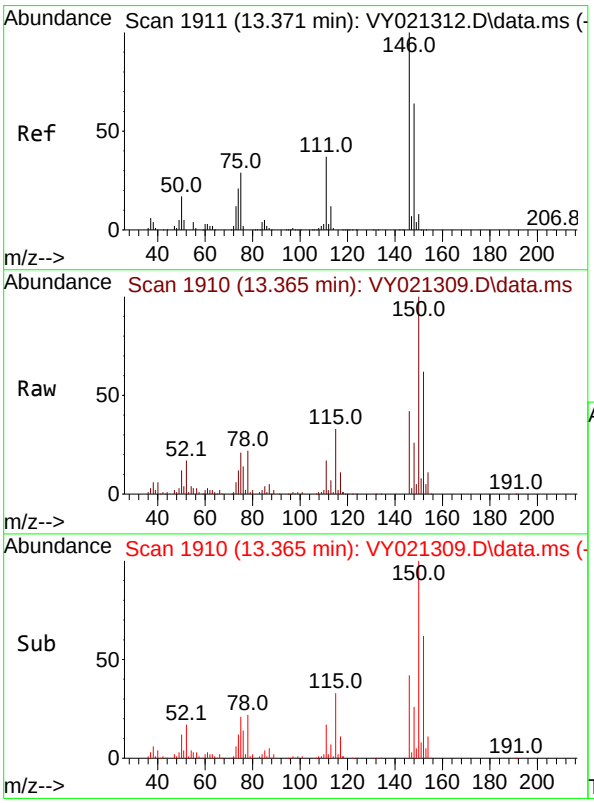
#87
1,3-Dichlorobenzene
Concen: 5.239 ug/l
RT: 13.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 21510

Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.0	59.9
148	65.2	31.9	95.9

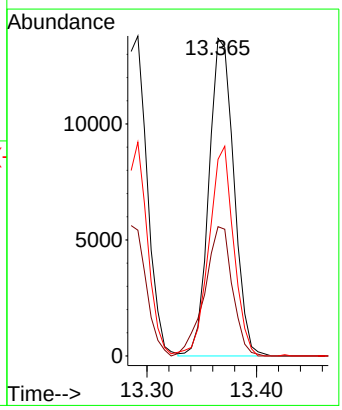


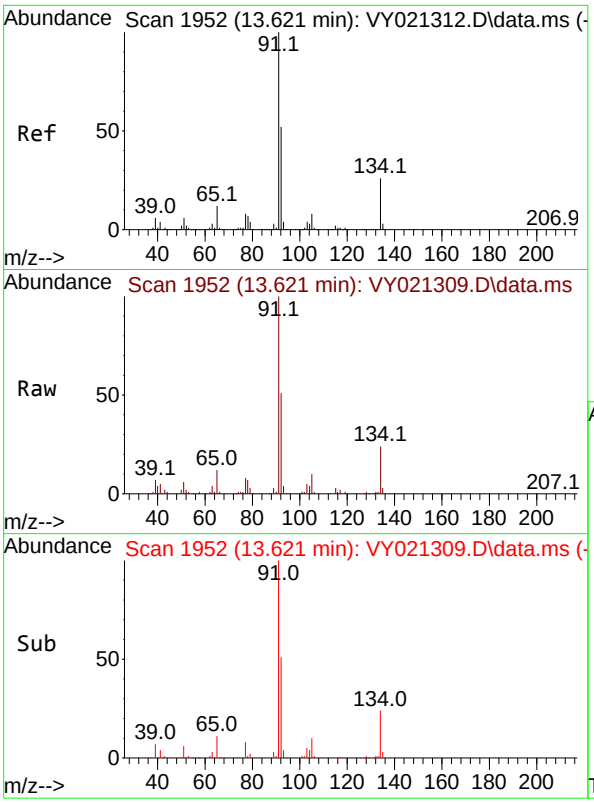


#88
1,4-Dichlorobenzene
Concen: 5.341 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:146 Resp: 21663

Ion	Ratio	Lower	Upper
146	100		
111	45.2	19.5	58.5
148	65.3	32.0	96.2



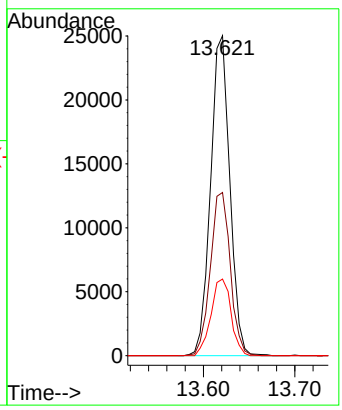


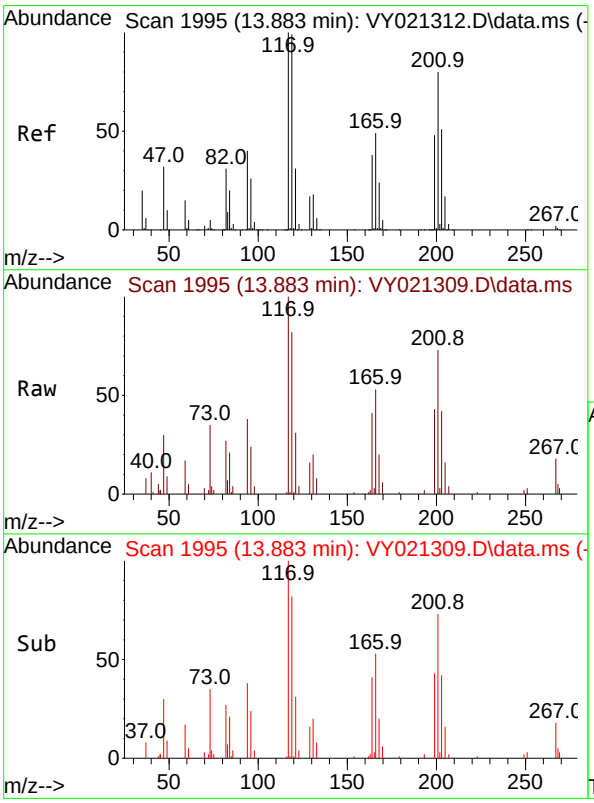
#89
n-Butylbenzene
Concen: 4.815 ug/l
RT: 13.621 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 36537

Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.4	79.2
134	25.0	12.7	38.0

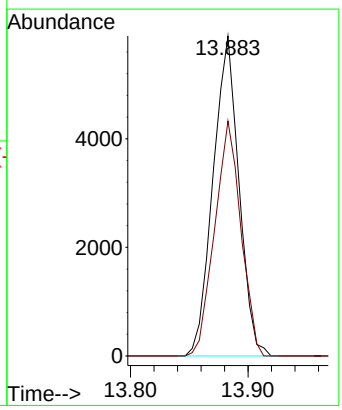


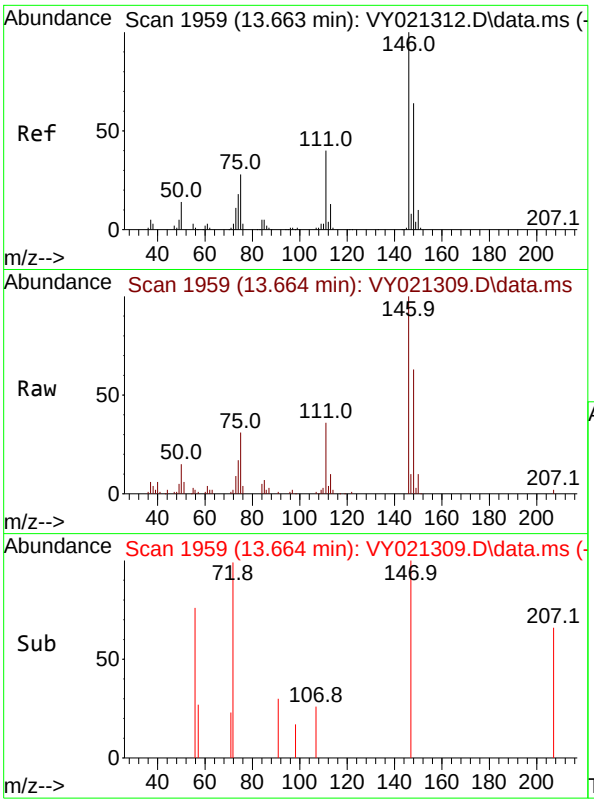


#90
Hexachloroethane
Concen: 5.351 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:117 Resp: 9013

Ion	Ratio	Lower	Upper
117	100		
201	74.3	38.4	115.2



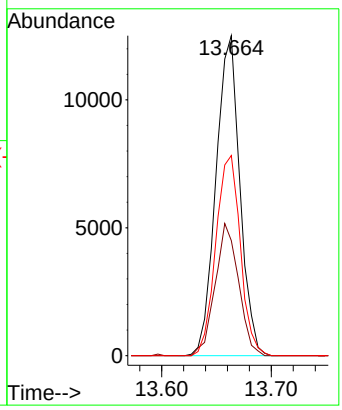


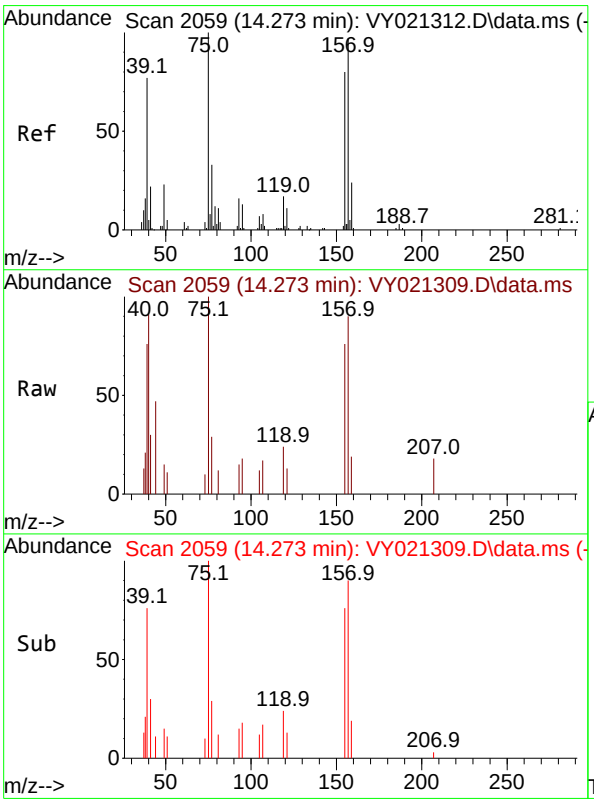
#91
1,2-Dichlorobenzene
Concen: 5.278 ug/l
RT: 13.664 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 18984

Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.7	62.1
148	64.2	31.7	95.1

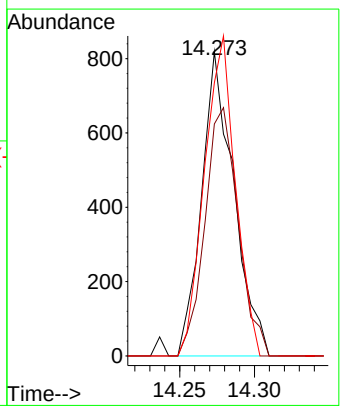


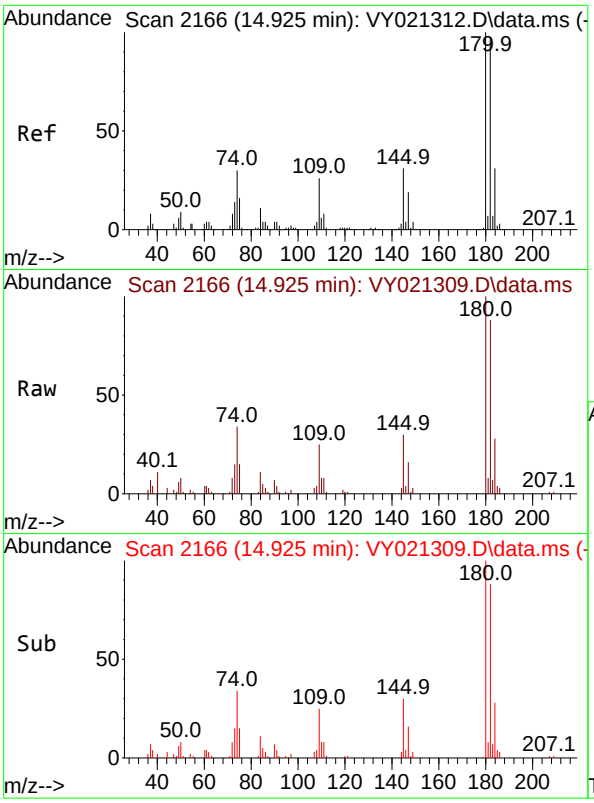


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.925 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 75 Resp: 1227

Ion	Ratio	Lower	Upper
75	100		
155	84.4	41.9	125.6
157	100.9	52.5	157.6



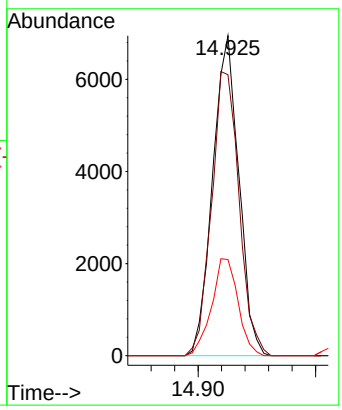


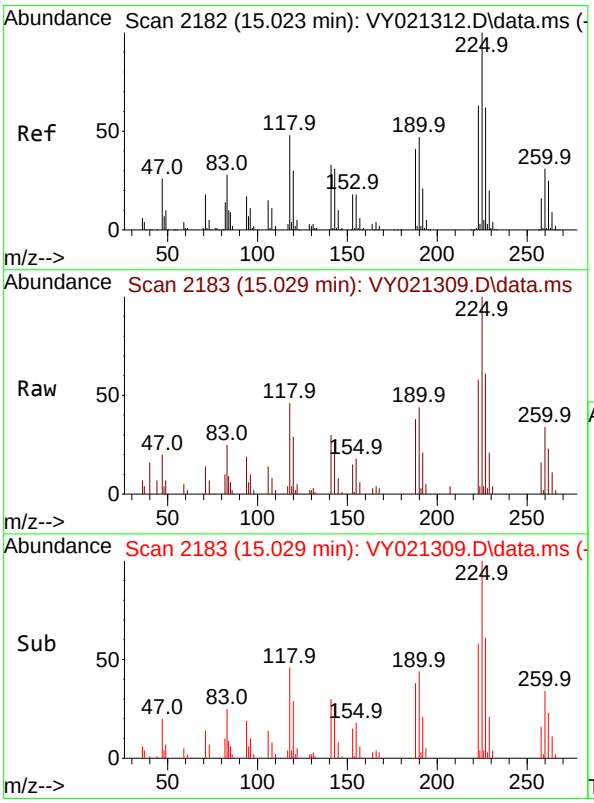
#93
1,2,4-Trichlorobenzene
Concen: 4.901 ug/l
RT: 14.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:180 Resp: 10759

Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.9	143.7
145	30.7	15.6	46.8

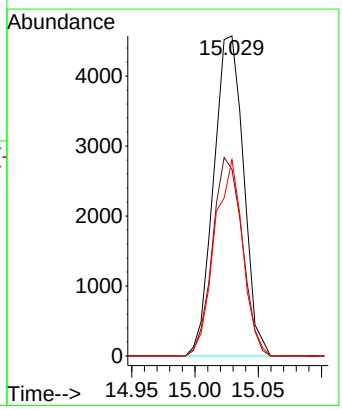


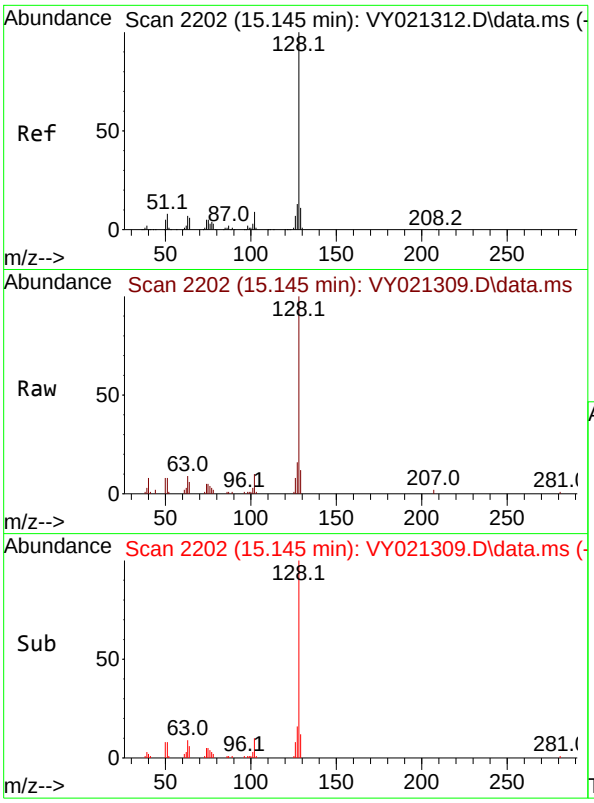


#94
Hexachlorobutadiene
Concen: 5.434 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:225 Resp: 7510

Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.8	95.4
227	58.3	31.9	95.7



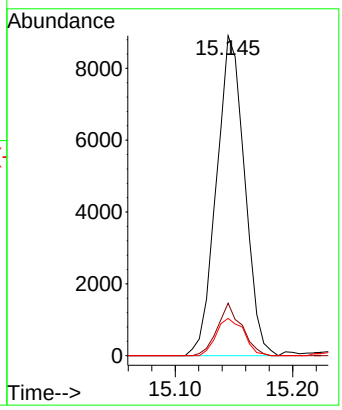


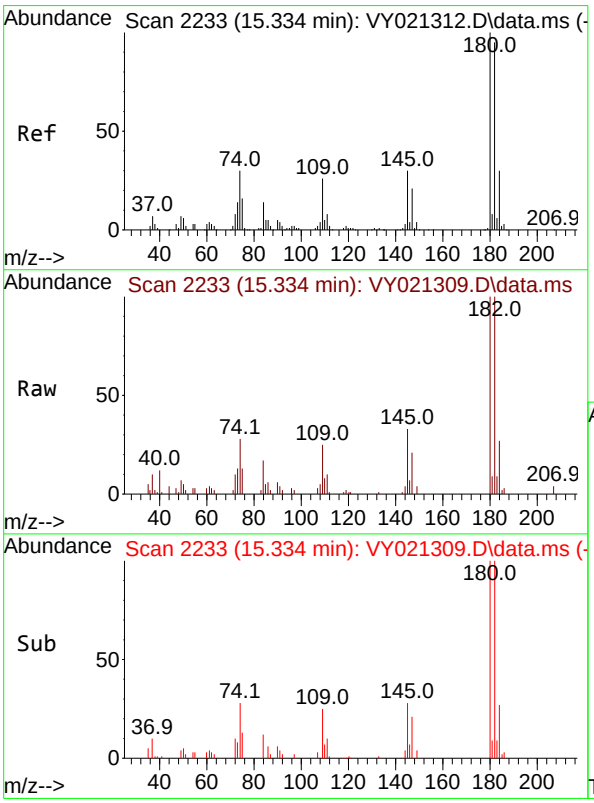
#95
Naphthalene
Concen: 4.078 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:128 Resp: 14829

Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.5	15.7
129	11.5	8.5	12.7

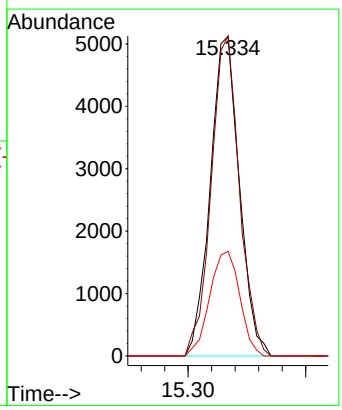




#96
1,2,3-Trichlorobenzene
Concen: 4.746 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:180 Resp: 8804

Ion	Ratio	Lower	Upper
180	100		
182	97.2	48.3	144.9
145	33.8	16.1	48.3



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021310.D
Acq On : 25 Feb 2025 13:03
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Quant Time: Feb 26 01:43:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	185658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	289178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	250629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	125138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	18938	8.992	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	17.980%#		
35) Dibromofluoromethane	7.634	113	17267	9.108	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	18.220%#		
50) Toluene-d8	10.103	98	66979	9.141	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	18.280%#		
62) 4-Bromofluorobenzene	12.408	95	22364	9.069	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	18.140%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	17969	10.208	ug/l	99
3) Chloromethane	2.068	50	23321	10.259	ug/l	96
4) Vinyl Chloride	2.202	62	21933	9.830	ug/l	99
5) Bromomethane	2.592	94	15371	10.366	ug/l	92
6) Chloroethane	2.732	64	13561	9.801	ug/l	96
7) Trichlorofluoromethane	3.056	101	33977	10.083	ug/l	96
8) Diethyl Ether	3.452	74	9792	9.682	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.818	101	19660	10.077	ug/l	99
10) Methyl Iodide	4.001	142	17573	8.562	ug/l	99
11) Tert butyl alcohol	4.854	59	8754	54.037	ug/l #	81
12) 1,1-Dichloroethene	3.793	96	18141	9.711	ug/l	87
13) Acrolein	3.647	56	10715	86.313	ug/l	97
14) Allyl chloride	4.385	41	31462	9.499	ug/l	98
15) Acrylonitrile	5.061	53	21273	47.572	ug/l	98
16) Acetone	3.866	43	19023	47.086	ug/l	92
17) Carbon Disulfide	4.104	76	61336	9.888	ug/l	100
18) Methyl Acetate	4.379	43	9259	9.378	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	47090	9.541	ug/l	98
20) Methylene Chloride	4.610	84	22192	10.158	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	19921	9.687	ug/l	94
22) Diisopropyl ether	6.012	45	66598	9.717	ug/l	93
23) Vinyl Acetate	5.957	43	193291	47.195	ug/l	99
24) 1,1-Dichloroethane	5.909	63	38311	9.918	ug/l	98
25) 2-Butanone	6.896	43	28711	47.087	ug/l	99
26) 2,2-Dichloropropane	6.884	77	34859	9.945	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	22663	9.651	ug/l	99
28) Bromochloromethane	7.244	49	16417	9.605	ug/l	100
29) Tetrahydrofuran	7.262	42	18625	46.731	ug/l	99
30) Chloroform	7.415	83	38838	9.922	ug/l	97
31) Cyclohexane	7.701	56	38072	10.253	ug/l #	88
32) 1,1,1-Trichloroethane	7.616	97	35489	9.961	ug/l	99
36) 1,1-Dichloropropene	7.829	75	28171	9.892	ug/l	99
37) Ethyl Acetate	6.982	43	14219	10.038	ug/l	98
38) Carbon Tetrachloride	7.811	117	32494	10.149	ug/l	96
39) Methylcyclohexane	9.103	83	35431	9.837	ug/l	95
40) Benzene	8.079	78	83594	9.930	ug/l	98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021310.D
Acq On : 25 Feb 2025 13:03
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Quant Time: Feb 26 01:43:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.226	41	6845	8.642 ug/l		92
42) 1,2-Dichloroethane	8.158	62	24091	10.087 ug/l		99
43) Isopropyl Acetate	8.195	43	25874	9.436 ug/l		99
44) Trichloroethene	8.859	130	20823	9.880 ug/l		97
45) 1,2-Dichloropropane	9.140	63	20214	9.978 ug/l		98
46) Dibromomethane	9.231	93	10902	9.845 ug/l		99
47) Bromodichloromethane	9.420	83	29114	9.860 ug/l		97
48) Methyl methacrylate	9.219	41	11652	9.088 ug/l		96
49) 1,4-Dioxane	9.225	88	2309	187.520 ug/l		96
51) 4-Methyl-2-Pentanone	9.993	43	65698	46.808 ug/l		99
52) Toluene	10.170	92	51371	9.823 ug/l		100
53) t-1,3-Dichloropropene	10.390	75	25218	9.322 ug/l		97
54) cis-1,3-Dichloropropene	9.853	75	30428	9.528 ug/l		97
55) 1,1,2-Trichloroethane	10.573	97	14509	10.057 ug/l		96
56) Ethyl methacrylate	10.438	69	17817	8.938 ug/l		96
57) 1,3-Dichloropropane	10.713	76	24769	9.784 ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	42304	44.215 ug/l		100
59) 2-Hexanone	10.755	43	42123	45.697 ug/l		99
60) Dibromochloromethane	10.908	129	18793	9.565 ug/l		96
61) 1,2-Dibromoethane	11.011	107	13351	9.775 ug/l		98
64) Tetrachloroethene	10.646	164	19065	10.064 ug/l		97
65) Chlorobenzene	11.438	112	55689	9.899 ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.511	131	20089	10.198 ug/l		98
67) Ethyl Benzene	11.517	91	97299	9.764 ug/l		99
68) m/p-Xylenes	11.627	106	73991	19.740 ug/l		99
69) o-Xylene	11.950	106	33822	9.632 ug/l		99
70) Styrene	11.969	104	56550	9.679 ug/l		99
71) Bromoform	12.133	173	11067	9.820 ug/l	#	100
73) Isopropylbenzene	12.255	105	90221	9.590 ug/l		100
74) N-amyl acetate	12.066	43	21370	8.937 ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.505	83	16246	9.785 ug/l		98
76) 1,2,3-Trichloropropane	12.554	75	21157	16.789 ug/l	#	100
77) Bromobenzene	12.529	156	21097	9.641 ug/l		99
78) n-propylbenzene	12.597	91	110190	9.652 ug/l		99
79) 2-Chlorotoluene	12.682	91	64018	9.771 ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	74498	9.655 ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	5238	9.295 ug/l		96
82) 4-Chlorotoluene	12.773	91	66701	9.821 ug/l		100
83) tert-Butylbenzene	12.999	119	68905	9.886 ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	74032	9.647 ug/l		99
85) sec-Butylbenzene	13.176	105	100189	9.841 ug/l		99
86) p-Isopropyltoluene	13.292	119	81769	9.619 ug/l		98
87) 1,3-Dichlorobenzene	13.285	146	43267	9.996 ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	42788	10.006 ug/l		98
89) n-Butylbenzene	13.615	91	76325	9.541 ug/l		99
90) Hexachloroethane	13.877	117	17261	9.721 ug/l		97
91) 1,2-Dichlorobenzene	13.657	146	37522	9.894 ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2424	9.229 ug/l		98
93) 1,2,4-Trichlorobenzene	14.919	180	21234	9.174 ug/l		97
94) Hexachlorobutadiene	15.023	225	14346	9.845 ug/l		99
95) Naphthalene	15.145	128	32094	8.371 ug/l		98
96) 1,2,3-Trichlorobenzene	15.328	180	17983	9.195 ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021310.D
Acq On : 25 Feb 2025 13:03
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Quant Time: Feb 26 01:43:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

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

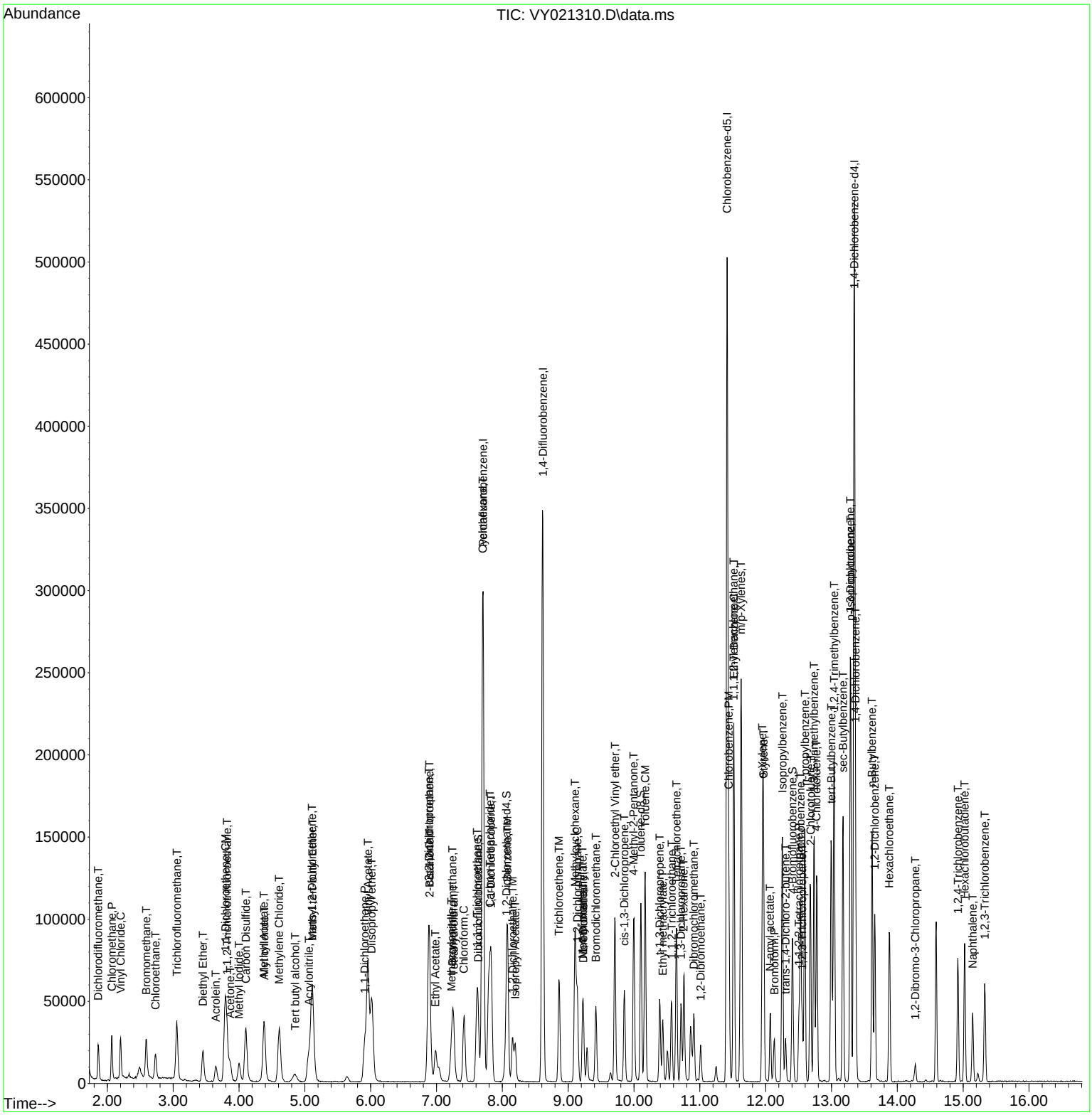
(#) = qualifier out of range (m) = manual integration (+) = signals summed

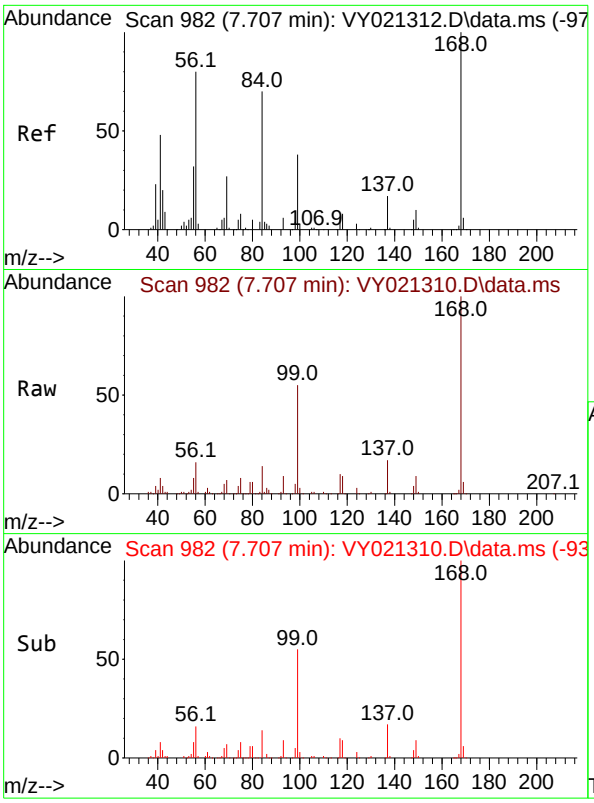
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021310.D
Acq On : 25 Feb 2025 13:03
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Quant Time: Feb 26 01:43:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration



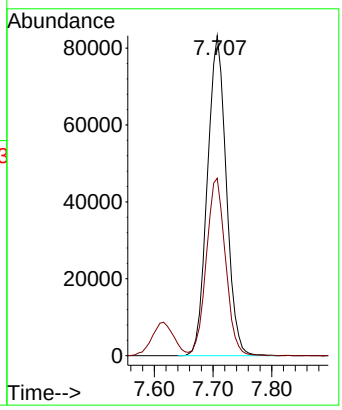


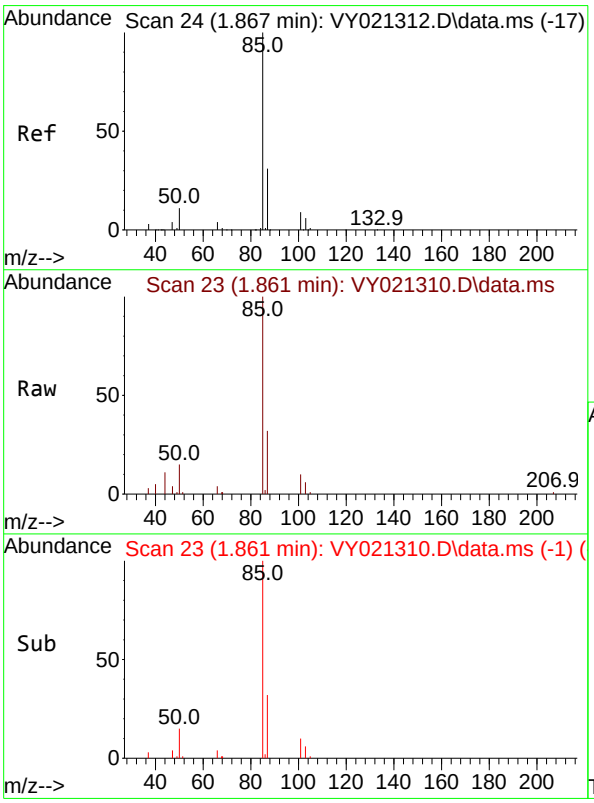
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:168 Resp: 185658

Ion	Ratio	Lower	Upper
168	100		
99	55.4	47.1	70.7

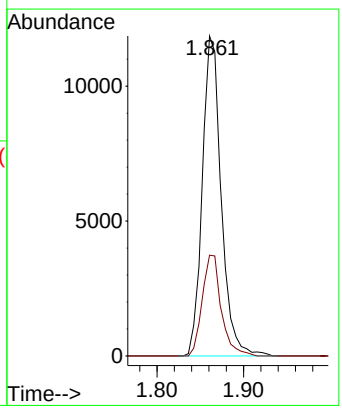


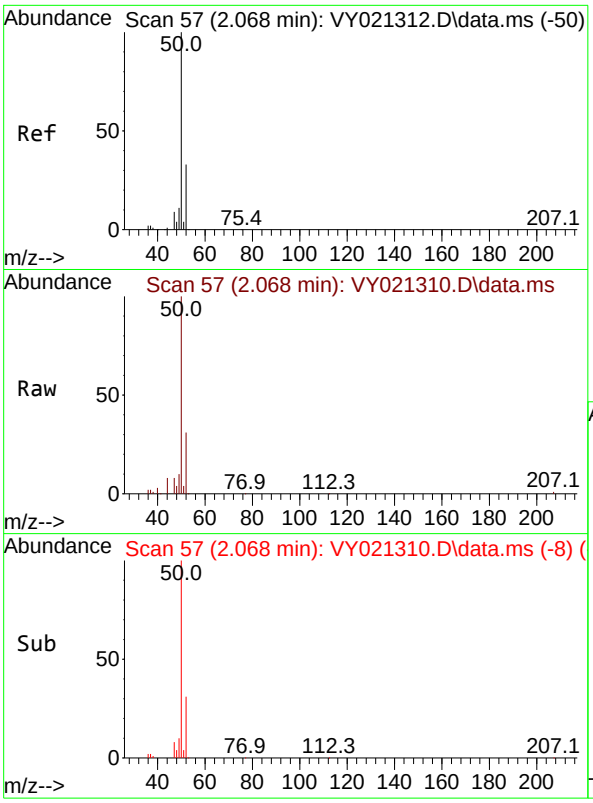


#2
Dichlorodifluoromethane
Concen: 10.208 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 85 Resp: 17969

Ion	Ratio	Lower	Upper
85	100		
87	31.5	15.4	46.4



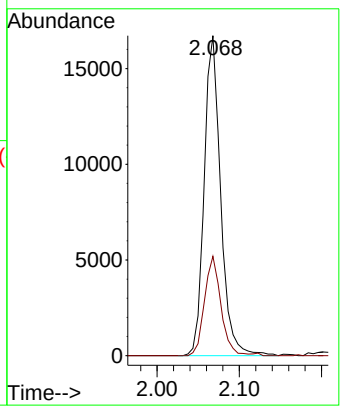


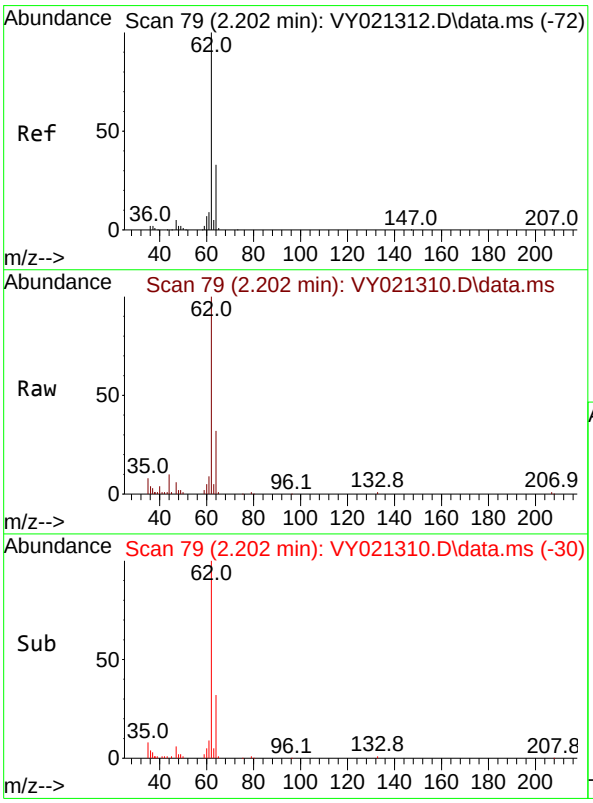
#3
Chloromethane
Concen: 10.259 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 50 Resp: 23321

Ion	Ratio	Lower	Upper
50	100		
52	31.1	26.6	40.0

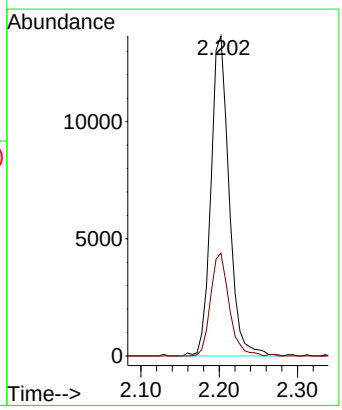


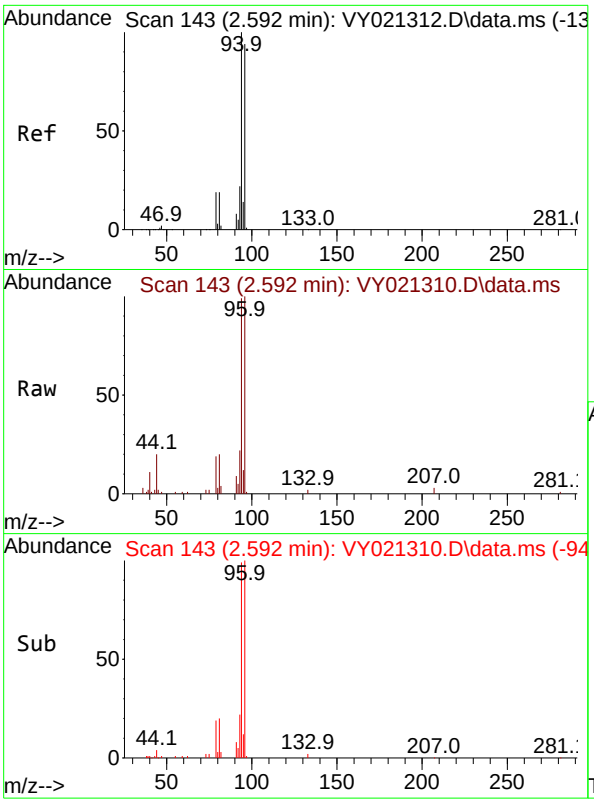


#4
Vinyl Chloride
Concen: 9.830 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 62 Resp: 21933

Ion	Ratio	Lower	Upper
62	100		
64	32.1	26.3	39.5



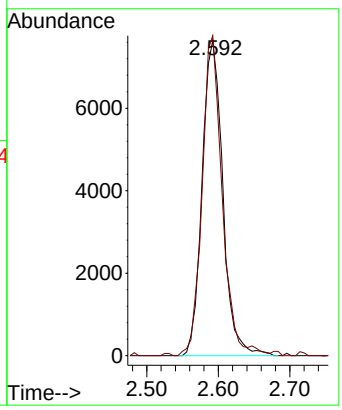


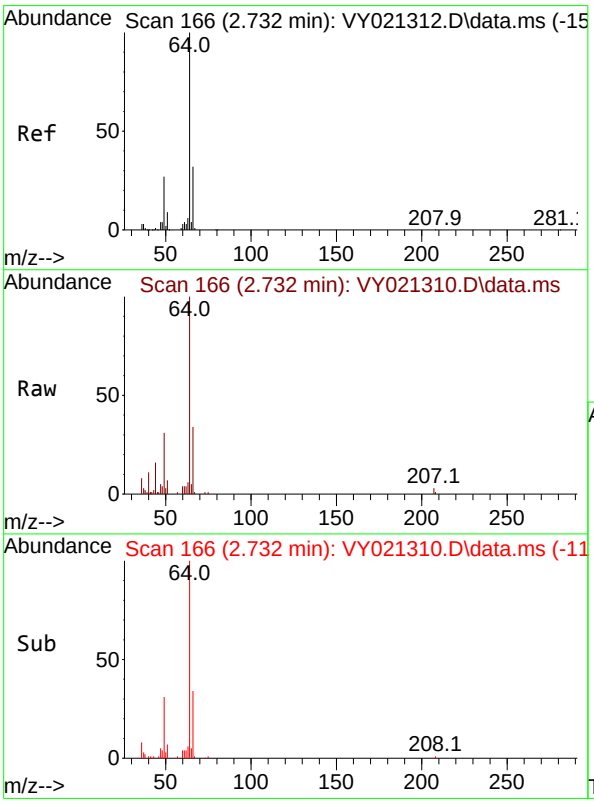
#5
Bromomethane
Concen: 10.366 ug/l
RT: 2.592 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 94 Resp: 15371

Ion	Ratio	Lower	Upper
94	100		
96	101.5	75.2	112.8

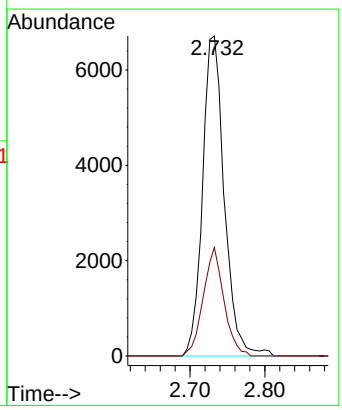


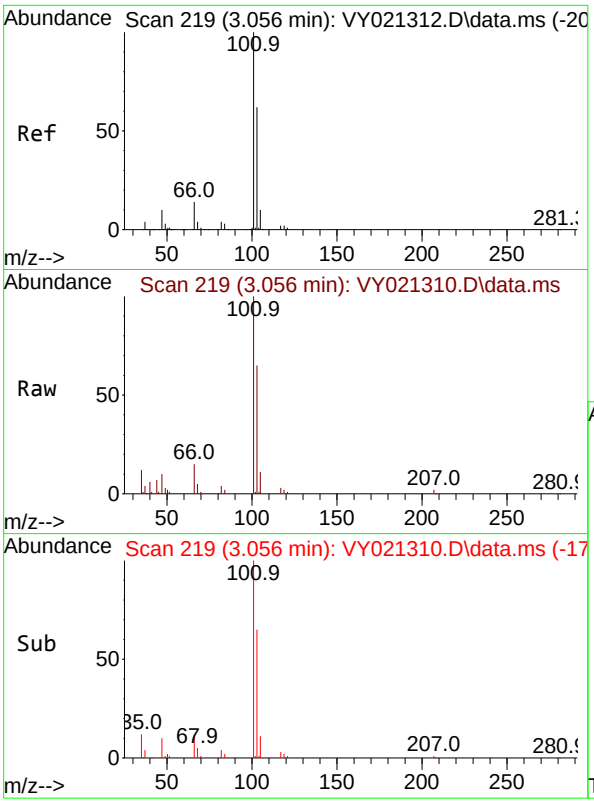


#6
Chloroethane
Concen: 9.801 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 64 Resp: 13561

Ion	Ratio	Lower	Upper
64	100		
66	33.9	25.4	38.0



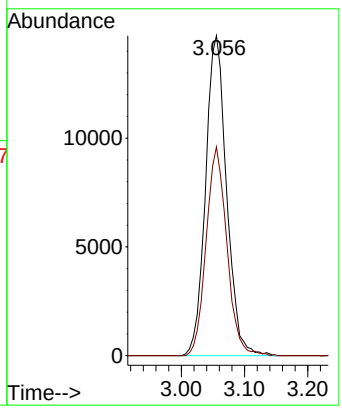


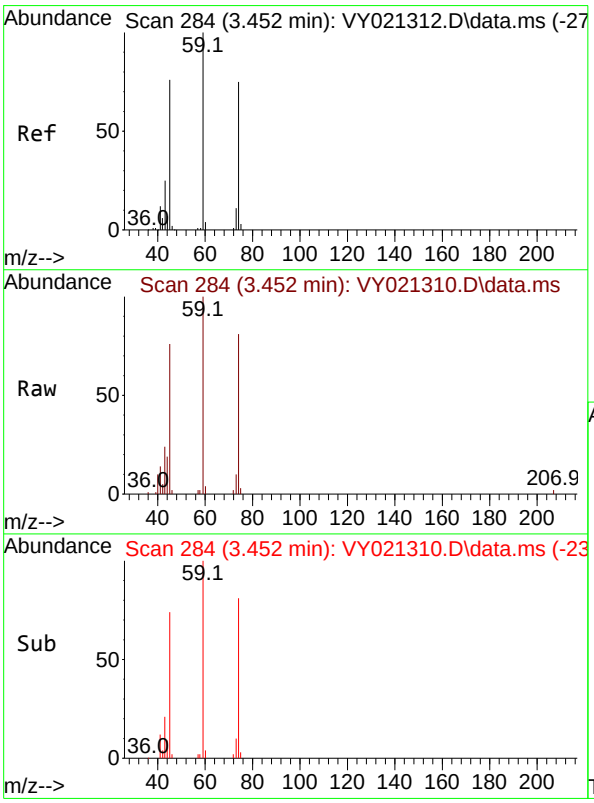
#7
Trichlorofluoromethane
Concen: 10.083 ug/l
RT: 3.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 33977

Ion	Ratio	Lower	Upper
101	100		
103	65.3	49.7	74.5

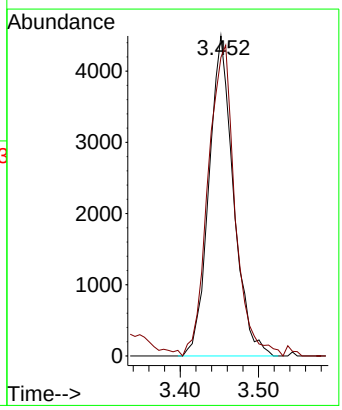


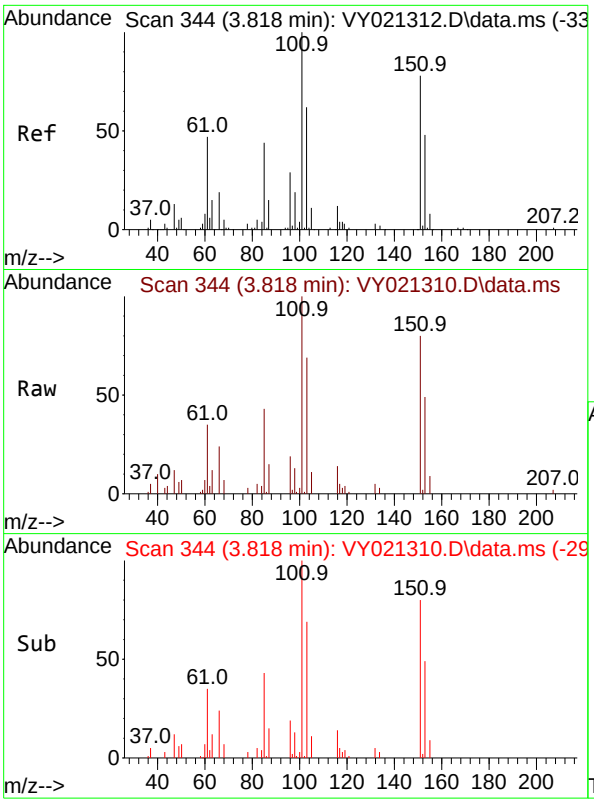


#8
Diethyl Ether
Concen: 9.682 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 74 Resp: 9792

Ion	Ratio	Lower	Upper
74	100		
45	106.0	50.3	150.9



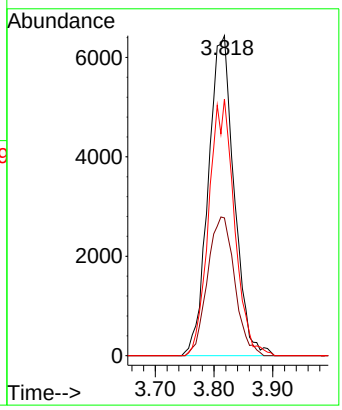


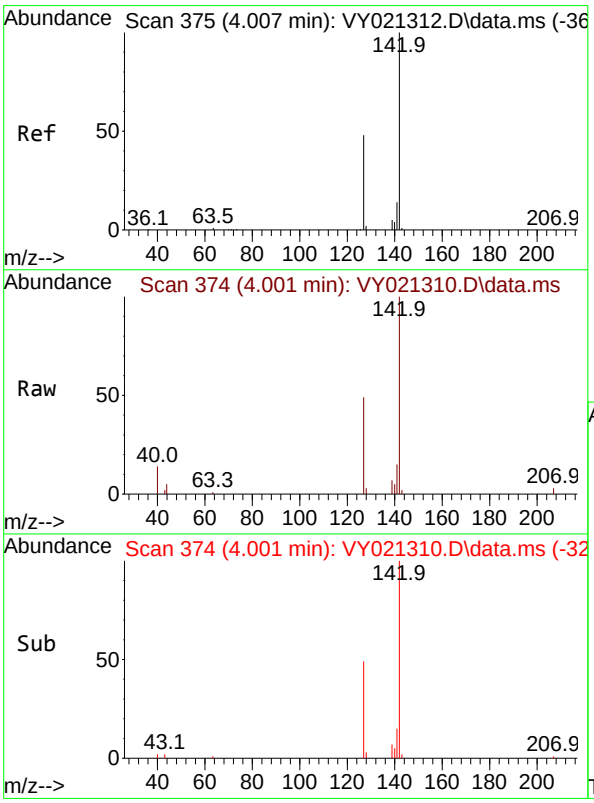
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.077 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 19660

Ion	Ratio	Lower	Upper
101	100		
85	45.7	36.7	55.1
151	79.5	62.6	94.0

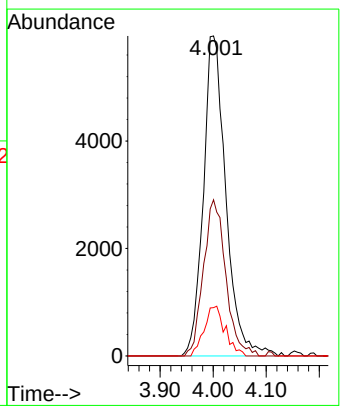


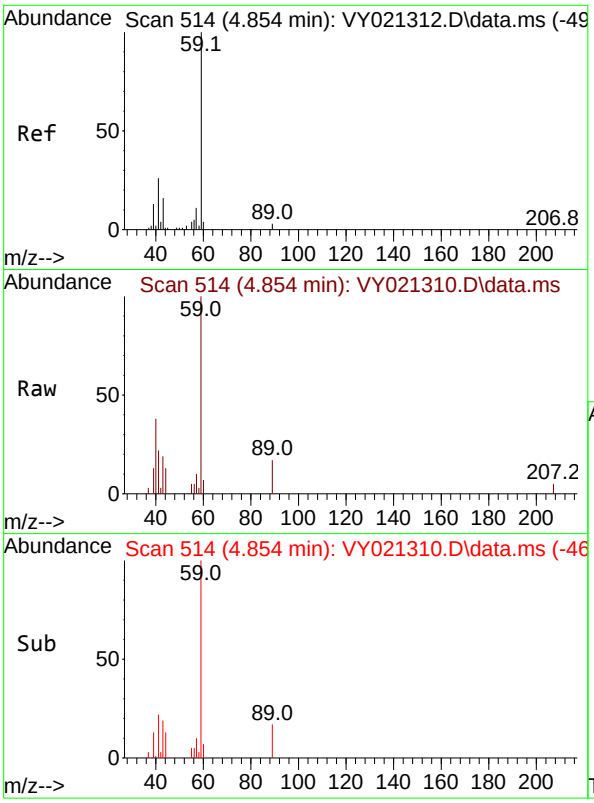


#10
Methyl Iodide
Concen: 8.562 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:142 Resp: 17573

Ion	Ratio	Lower	Upper
142	100		
127	48.3	39.2	58.8
141	14.5	11.4	17.2



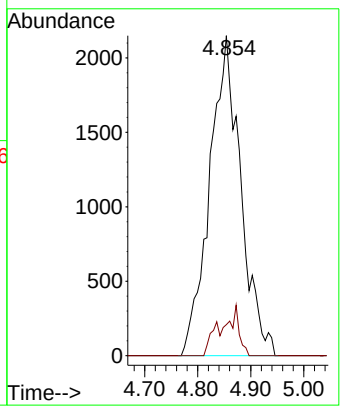


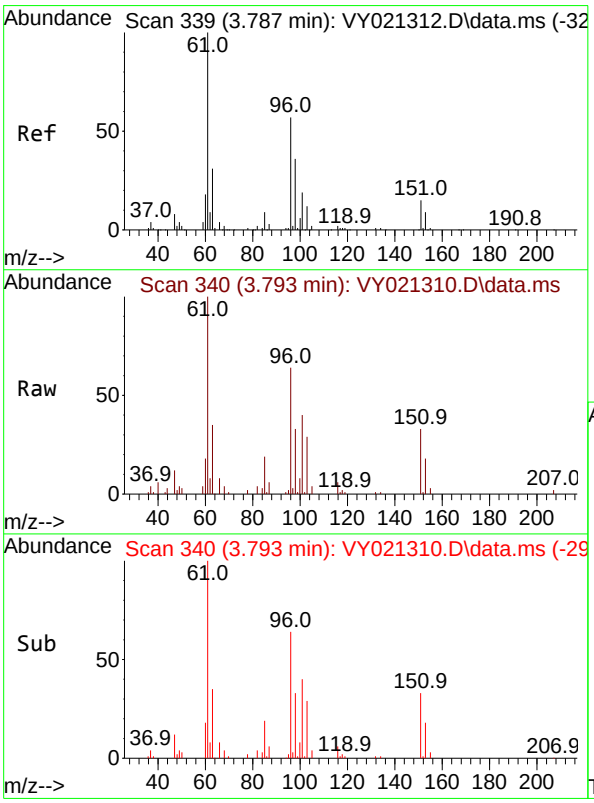
#11
Tert butyl alcohol
Concen: 54.037 ug/l
RT: 4.854 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 59 Resp: 8754

Ion	Ratio	Lower	Upper
59	100		
57	3.1	8.3	12.5#

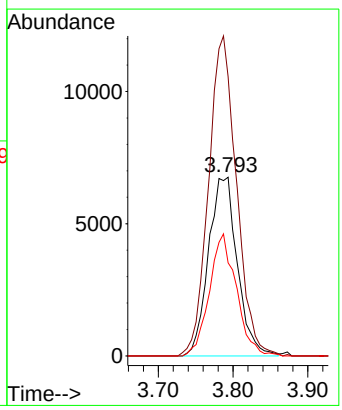


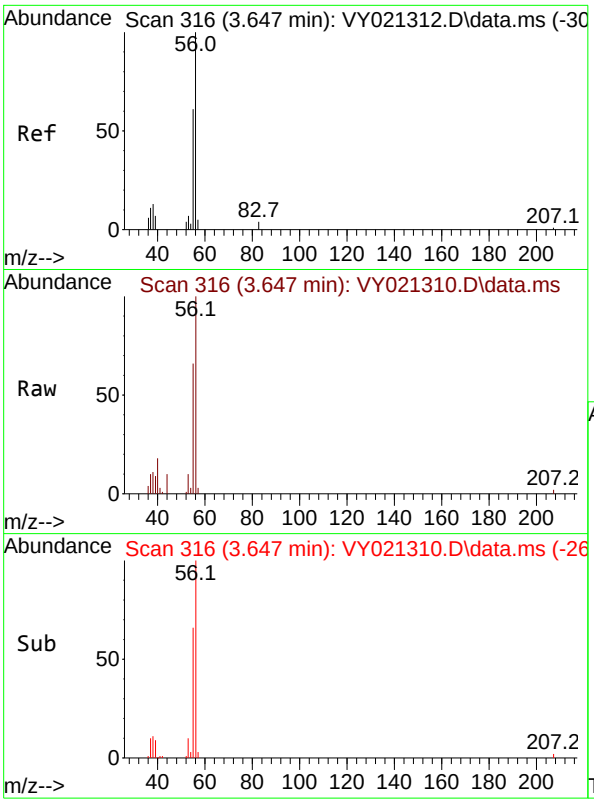


#12
1,1-Dichloroethene
Concen: 9.711 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 96 Resp: 18141

Ion	Ratio	Lower	Upper
96	100		
61	156.3	139.7	209.5
98	52.1	49.7	74.5



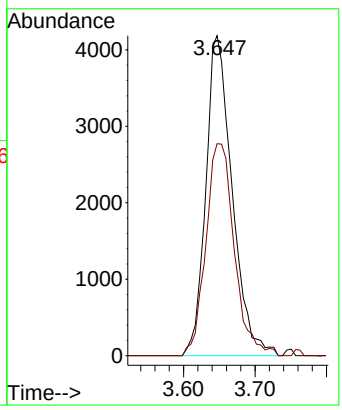


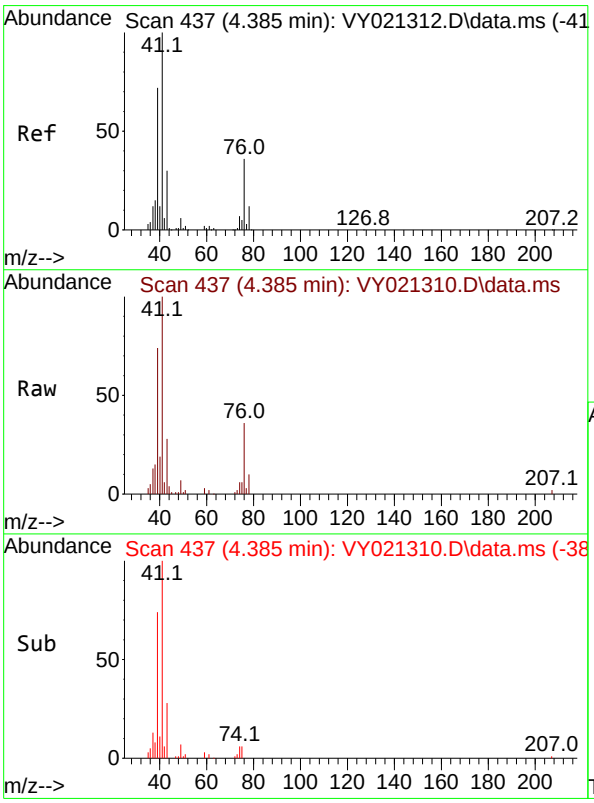
#13
Acrolein
Concen: 86.313 ug/l
RT: 3.647 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 56 Resp: 10715

Ion	Ratio	Lower	Upper
56	100		
55	71.4	59.0	88.6

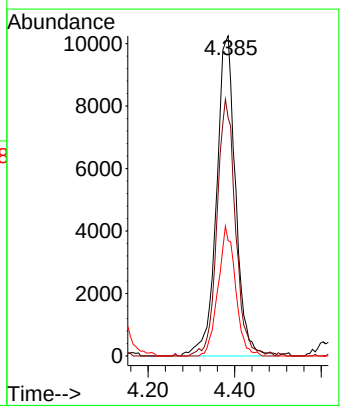


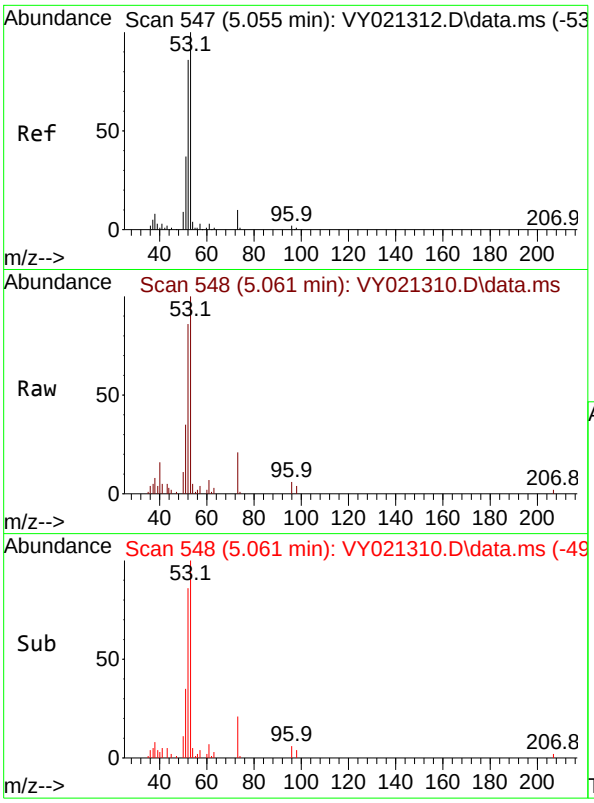


#14
Allyl chloride
Concen: 9.499 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 41 Resp: 31462

Ion	Ratio	Lower	Upper
41	100		
39	77.2	60.0	90.0
76	36.9	29.0	43.6



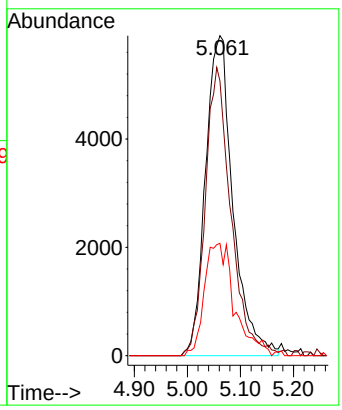


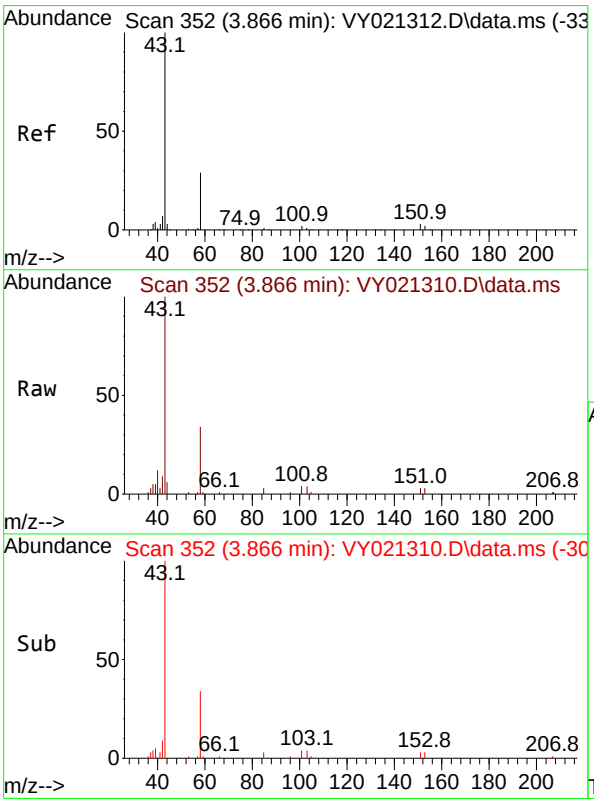
#15
Acrylonitrile
Concen: 47.572 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 53 Resp: 21273

Ion	Ratio	Lower	Upper
53	100		
52	84.1	65.5	98.3
51	38.5	30.6	46.0

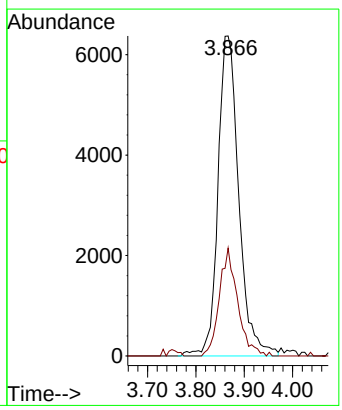


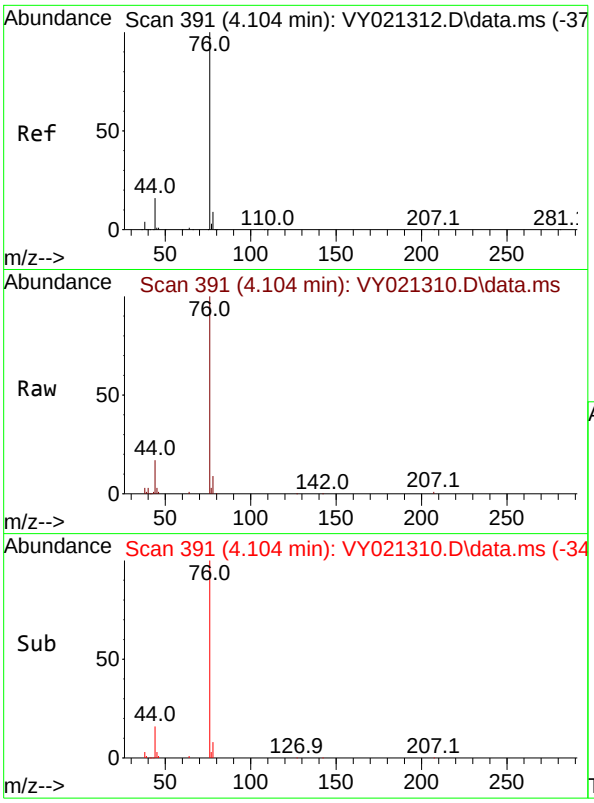


#16
Acetone
Concen: 47.086 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 43 Resp: 19023

Ion	Ratio	Lower	Upper
43	100		
58	33.7	23.5	35.3



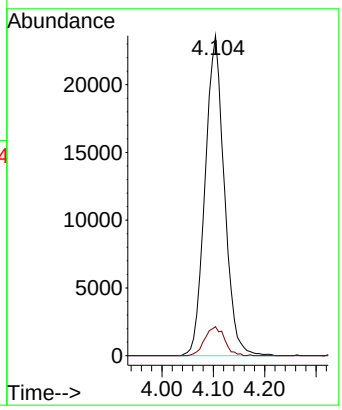


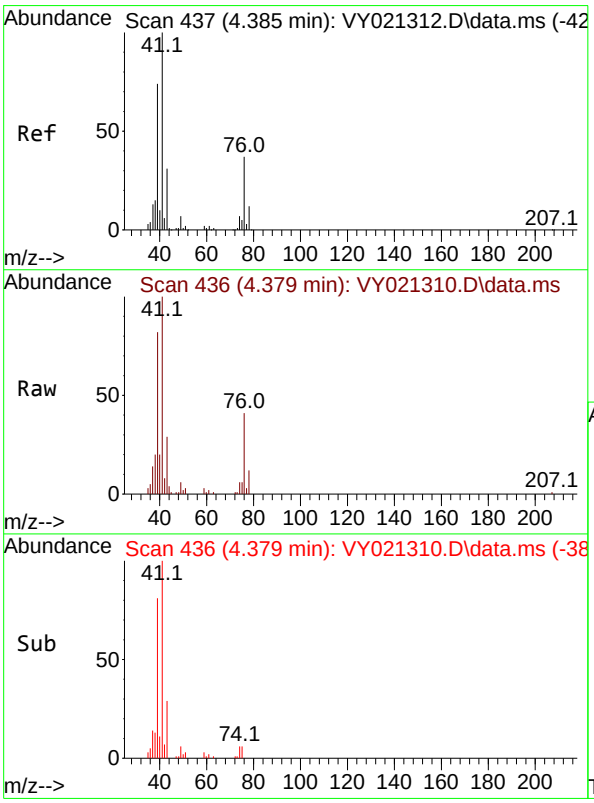
#17
Carbon Disulfide
Concen: 9.888 ug/l
RT: 4.104 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 76 Resp: 61336

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7

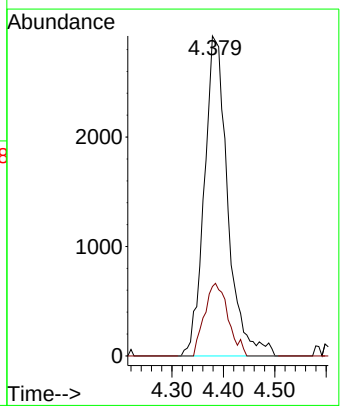


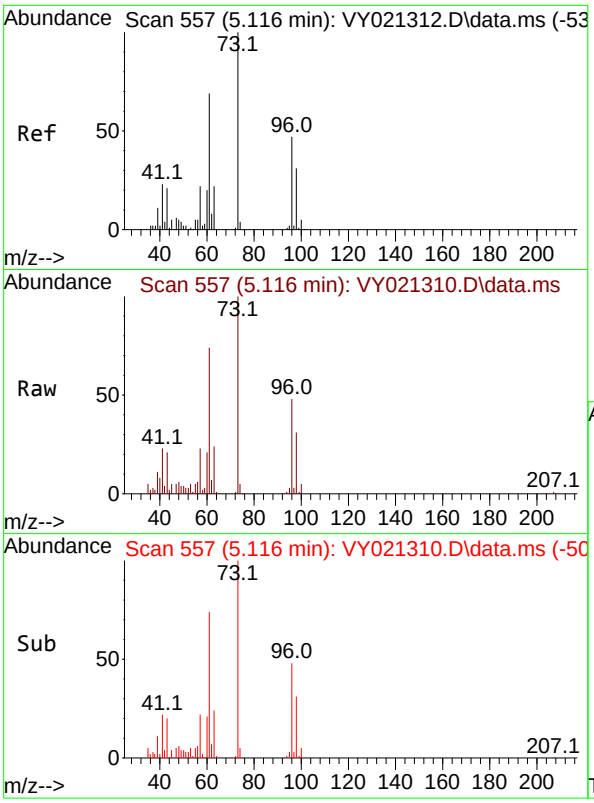


#18
Methyl Acetate
Concen: 9.378 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 43 Resp: 9259

Ion	Ratio	Lower	Upper
43	100		
74	22.8	17.7	26.5



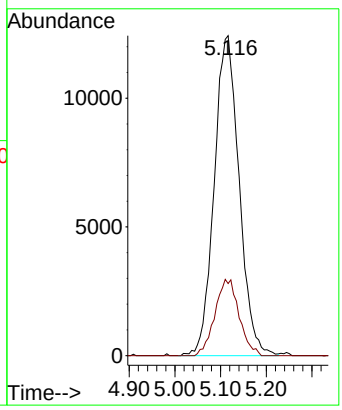


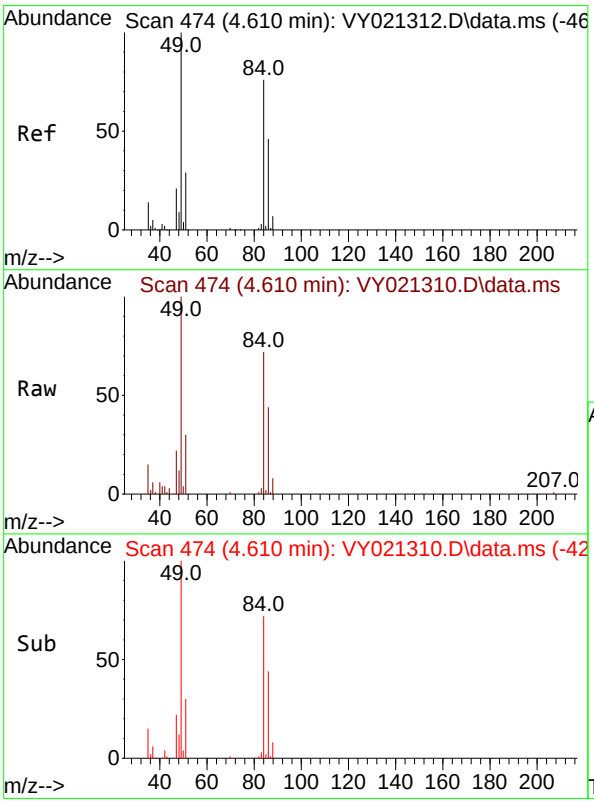
#19
Methyl tert-butyl Ether
Concen: 9.541 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 73 Resp: 47090

Ion	Ratio	Lower	Upper
73	100		
57	22.6	17.4	26.0

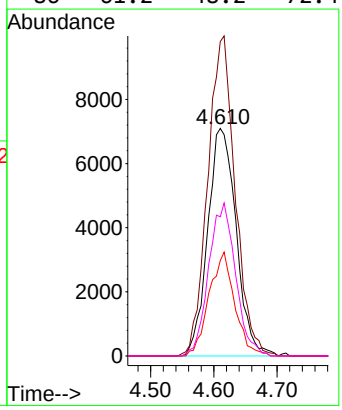


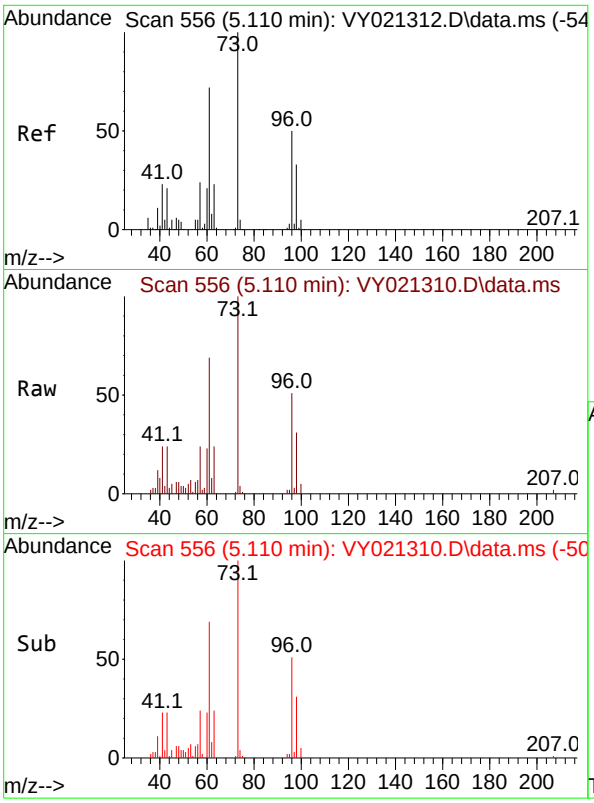


#20
Methylene Chloride
Concen: 10.158 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 84 Resp: 22192

Ion	Ratio	Lower	Upper
84	100		
49	138.2	105.1	157.7
51	41.9	31.0	46.4
86	61.2	48.2	72.4



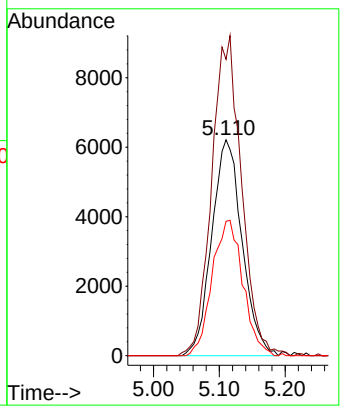


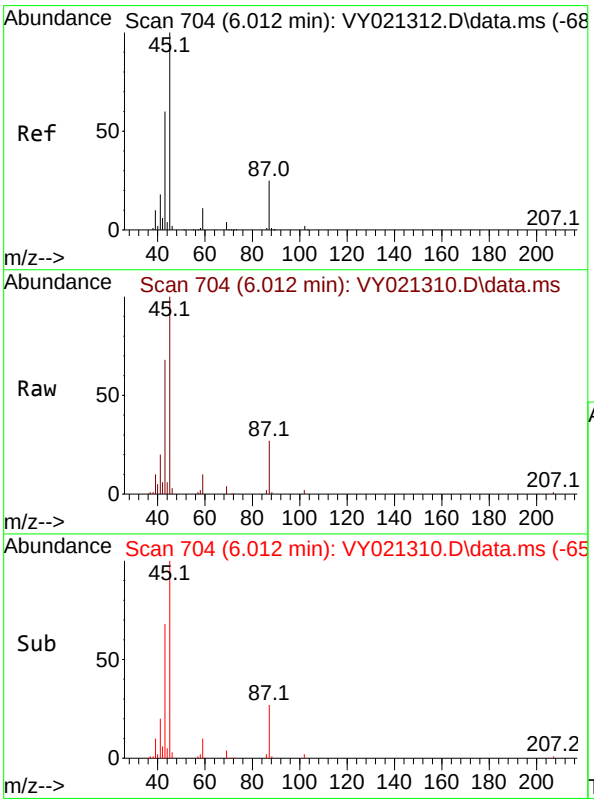
#21
trans-1,2-Dichloroethene
Concen: 9.687 ug/l
RT: 5.110 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 96 Resp: 19921

Ion	Ratio	Lower	Upper
96	100		
61	137.3	116.3	174.5
98	62.3	52.6	78.8

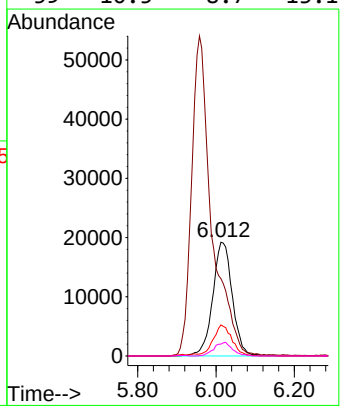


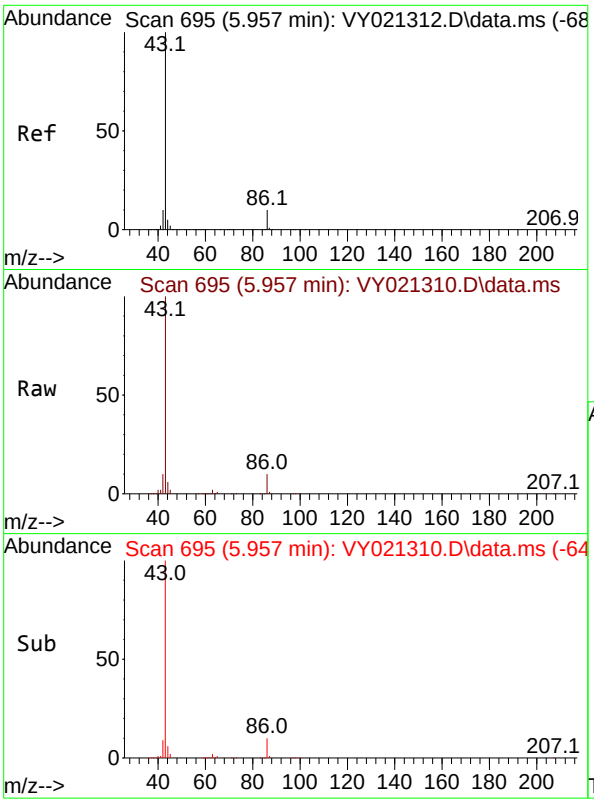


#22
Diisopropyl ether
Concen: 9.717 ug/l
RT: 6.012 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 45 Resp: 66598

Ion	Ratio	Lower	Upper
45	100		
43	67.4	48.2	72.4
87	27.4	20.3	30.5
59	10.5	8.7	13.1



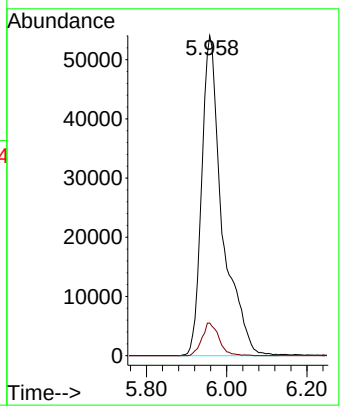


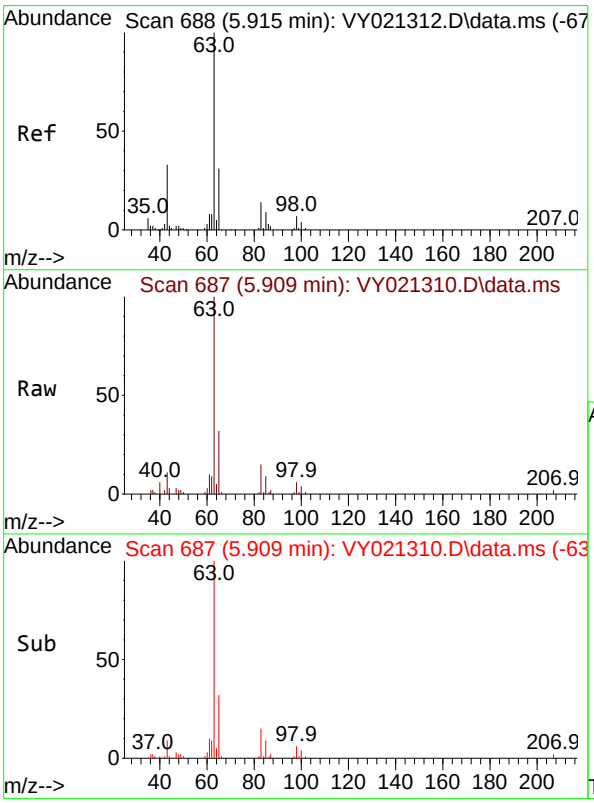
#23
Vinyl Acetate
Concen: 47.195 ug/l
RT: 5.957 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 193291

Ion	Ratio	Lower	Upper
43	100		
86	10.2	8.0	12.0

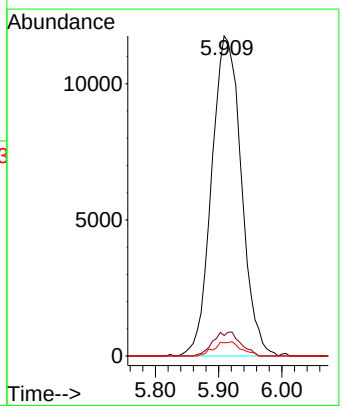


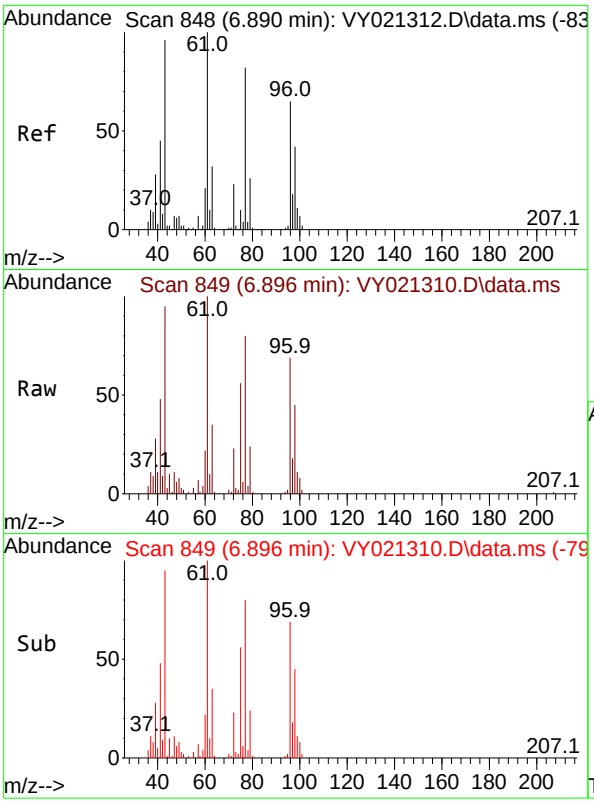


#24
1,1-Dichloroethane
Concen: 9.918 ug/l
RT: 5.909 min Scan# 687
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 63 Resp: 38311

Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.7	11.1
100	4.1	2.1	6.5



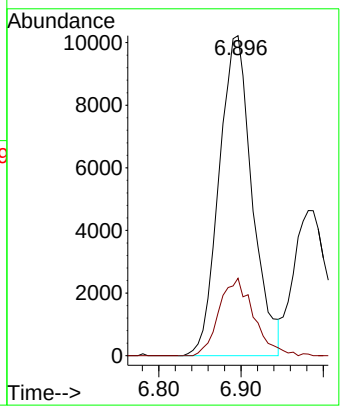


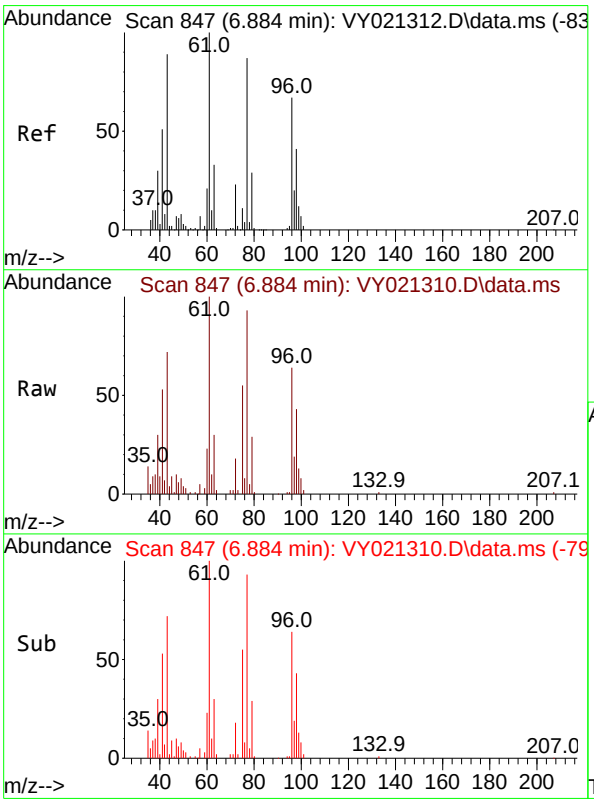
#25
2-Butanone
Concen: 47.087 ug/l
RT: 6.896 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 28711

Ion	Ratio	Lower	Upper
43	100		
72	24.2	19.0	28.6

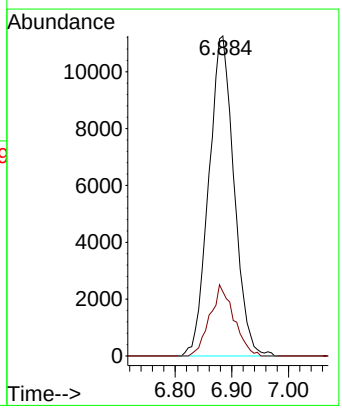


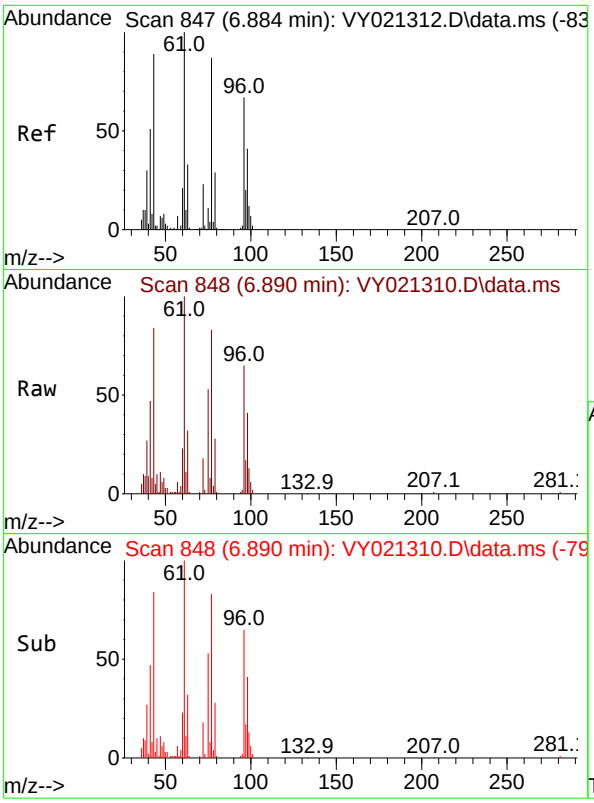


#26
2,2-Dichloropropane
Concen: 9.945 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 77 Resp: 34859

Ion	Ratio	Lower	Upper
77	100		
97	21.2	10.9	32.7



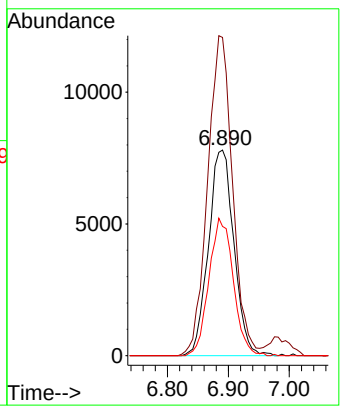


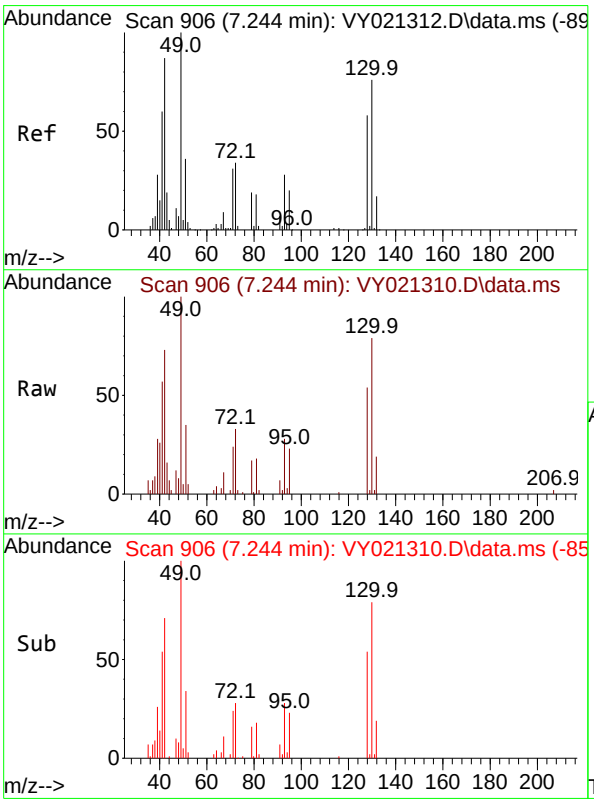
#27
cis-1,2-Dichloroethene
Concen: 9.651 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 96 Resp: 22663

Ion	Ratio	Lower	Upper
96	100		
61	152.2	0.0	308.0
98	63.9	0.0	129.6

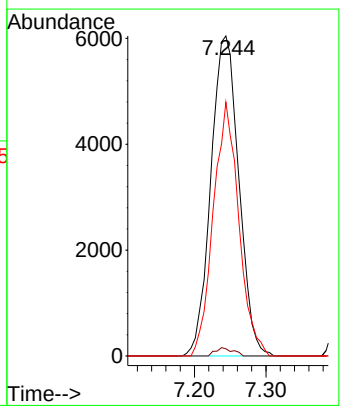


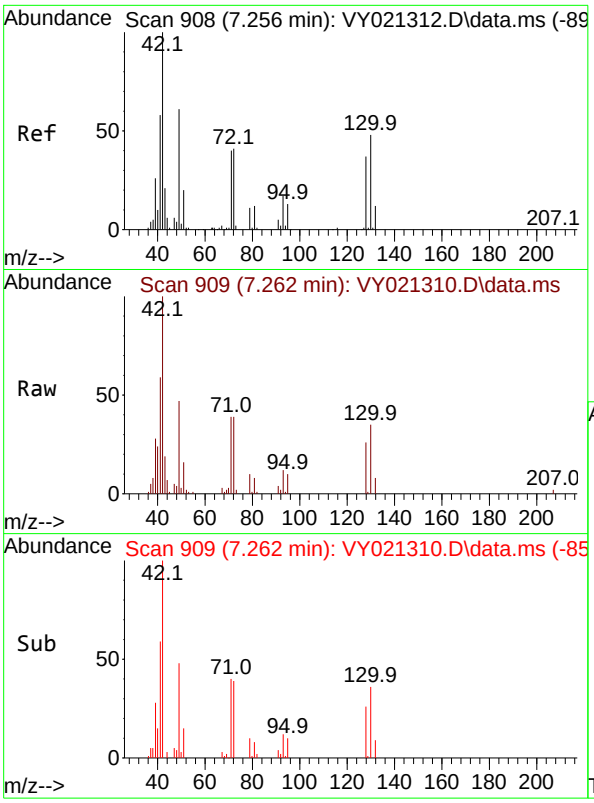


#28
Bromochloromethane
Concen: 9.605 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 49 Resp: 16417

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.0
130	72.2	57.8	86.6



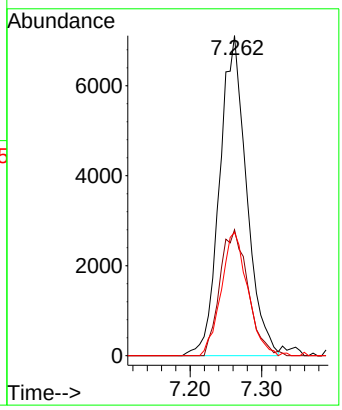


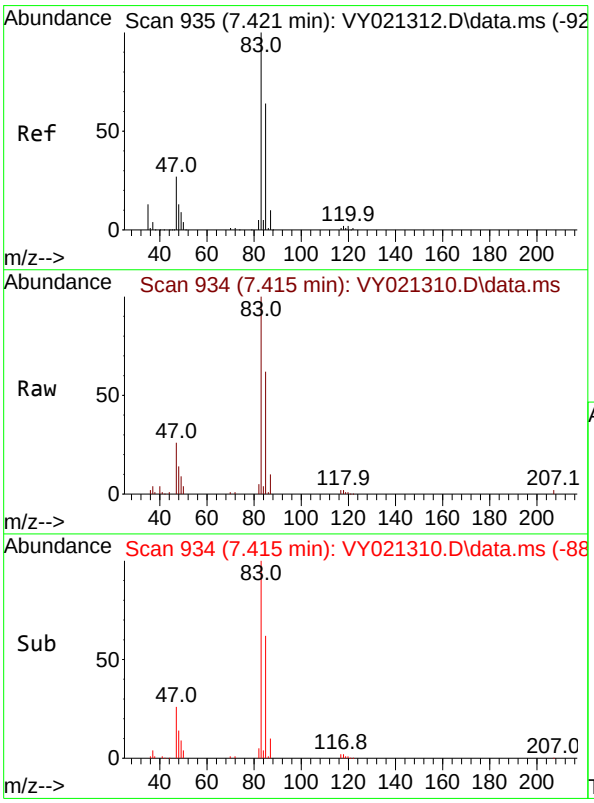
#29
Tetrahydrofuran
Concen: 46.731 ug/l
RT: 7.262 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 42 Resp: 18625

Ion	Ratio	Lower	Upper
42	100		
72	41.1	33.1	49.7
71	38.1	31.4	47.0

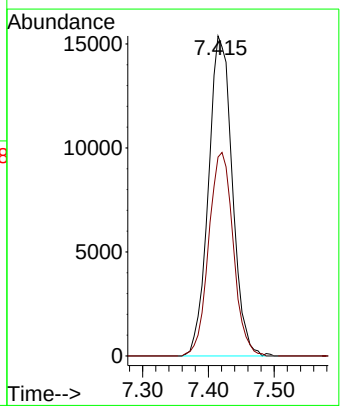


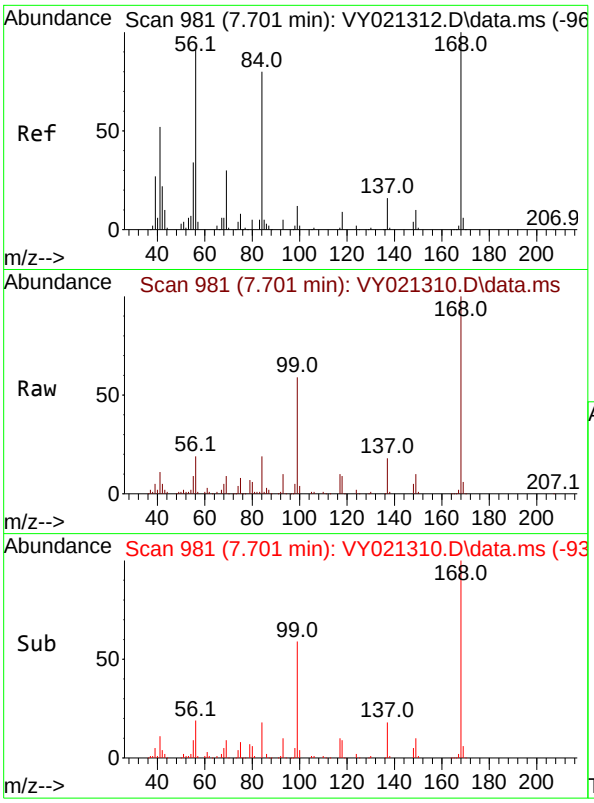


#30
Chloroform
Concen: 9.922 ug/l
RT: 7.415 min Scan# 934
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 83 Resp: 38838

Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.6	77.4



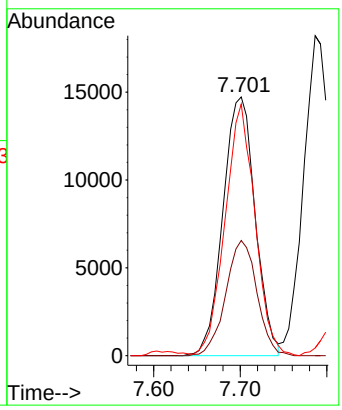


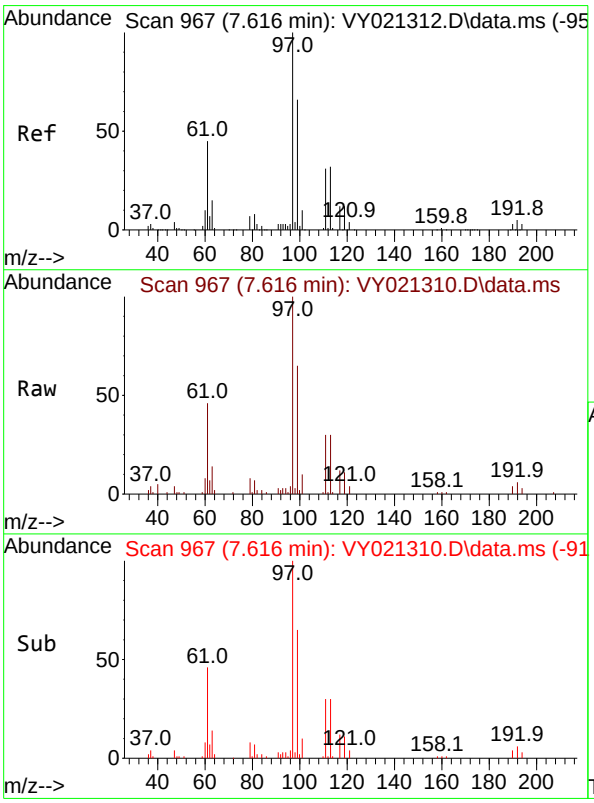
#31
Cyclohexane
Concen: 10.253 ug/l
RT: 7.701 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 56 Resp: 38072

Ion	Ratio	Lower	Upper
56	100		
69	44.5	26.2	39.4#
84	96.3	70.2	105.4

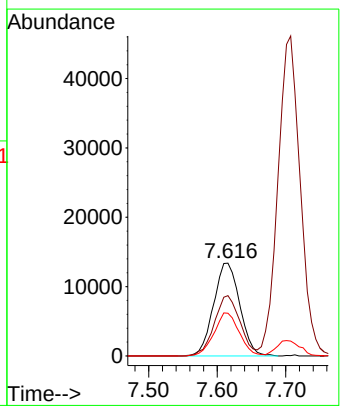


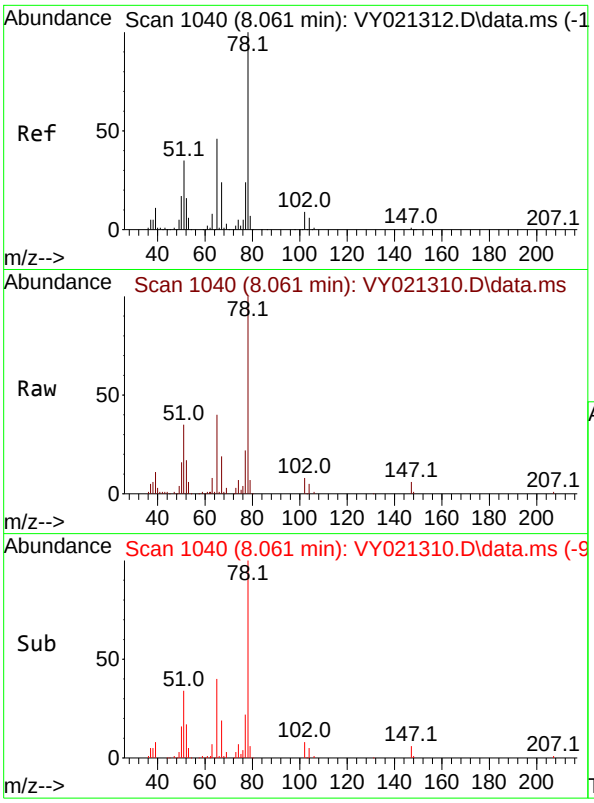


#32
1,1,1-Trichloroethane
Concen: 9.961 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 97 Resp: 35489

Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.4	78.6
61	45.1	36.2	54.2



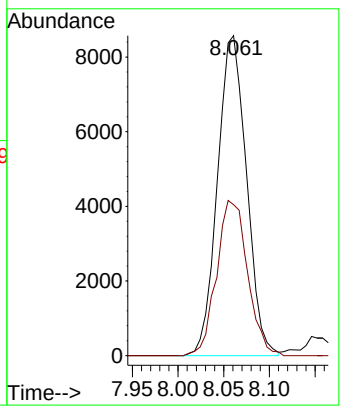


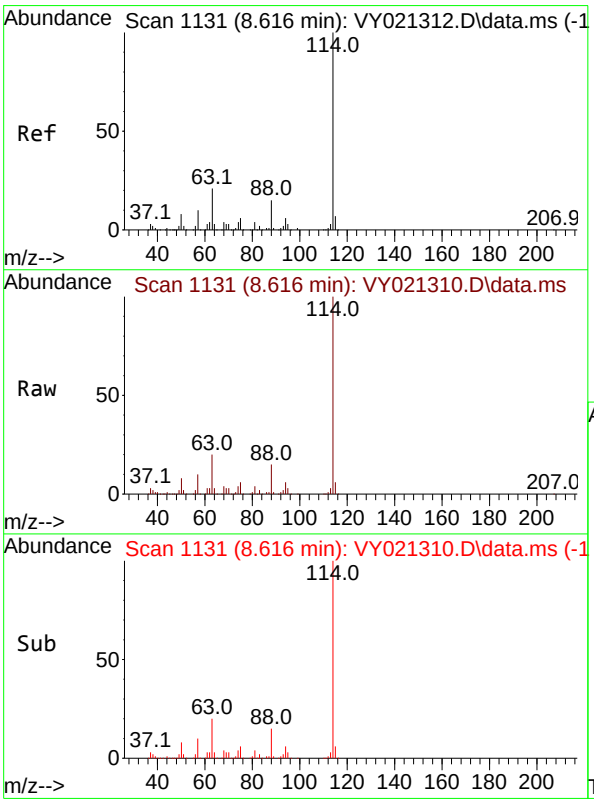
#33
1,2-Dichloroethane-d4
Concen: 8.992 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 65 Resp: 18938

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	103.6

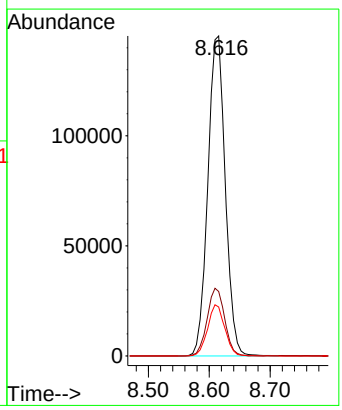


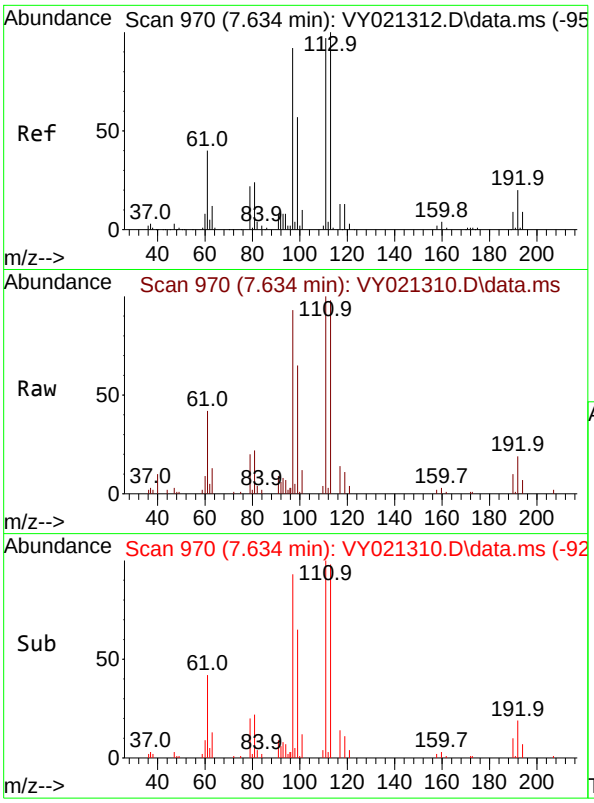


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:114 Resp: 289178

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.2
88	15.3	0.0	29.8



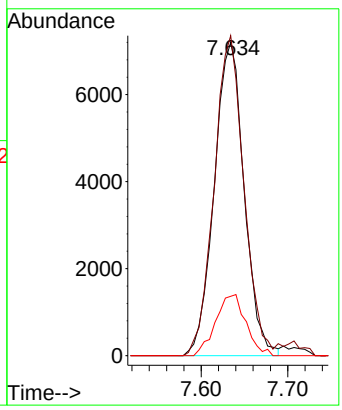


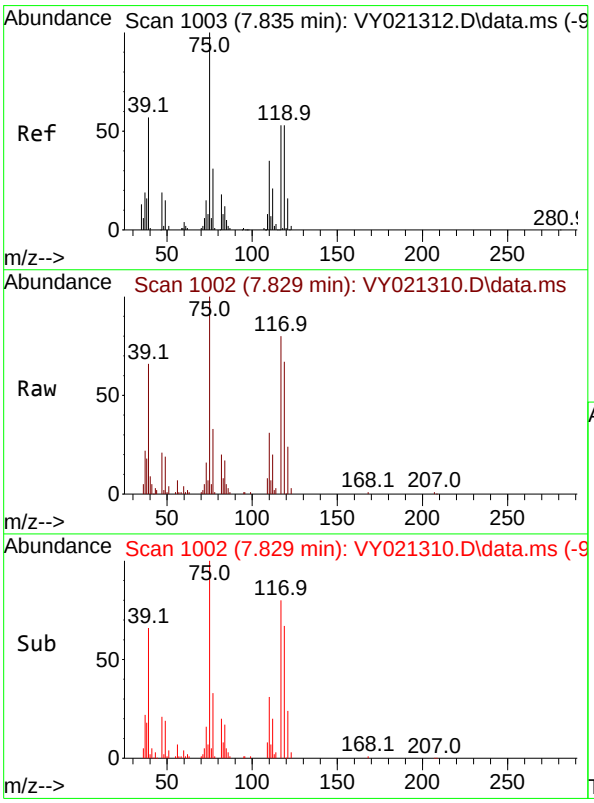
#35
Dibromofluoromethane
Concen: 9.108 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:113 Resp: 17267

Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.0	121.6
192	19.7	15.8	23.8

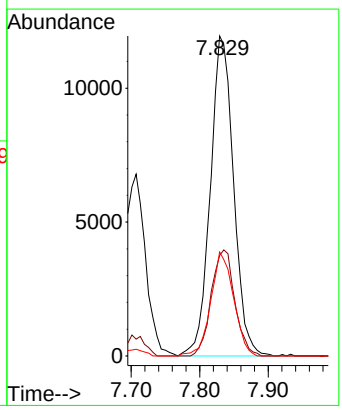


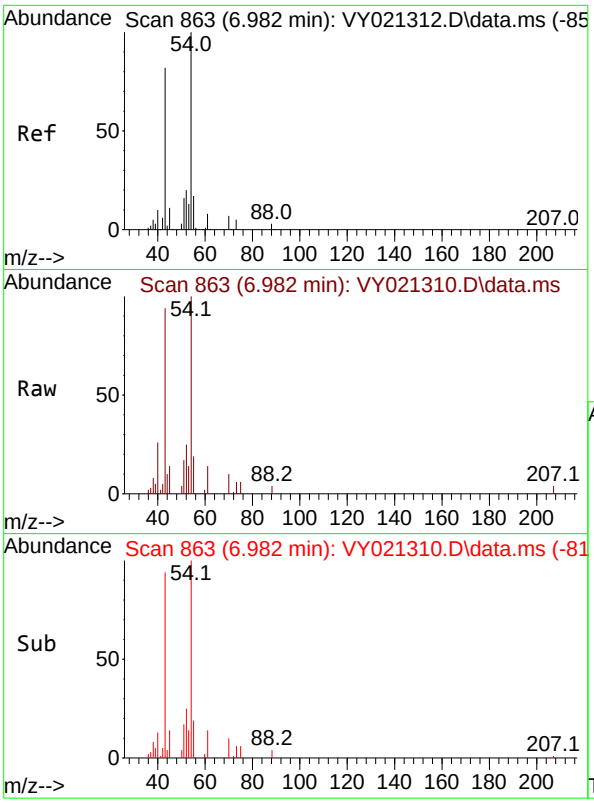


#36
1,1-Dichloropropene
Concen: 9.892 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 75 Resp: 28171

Ion	Ratio	Lower	Upper
75	100		
110	33.5	16.9	50.7
77	31.9	24.6	36.8



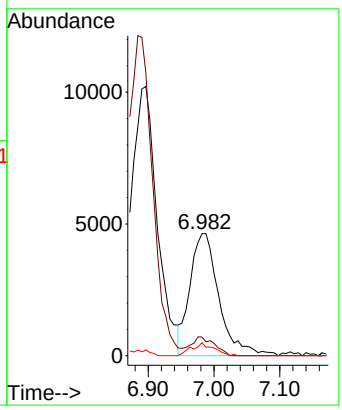


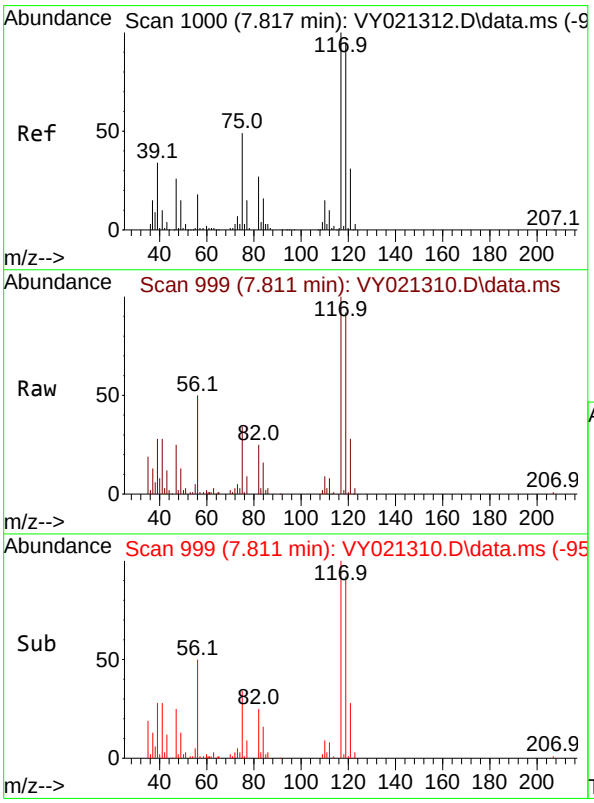
#37
Ethyl Acetate
Concen: 10.038 ug/l
RT: 6.982 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 14219

Ion	Ratio	Lower	Upper
43	100		
61	12.4	10.4	15.6
70	8.0	7.5	11.3

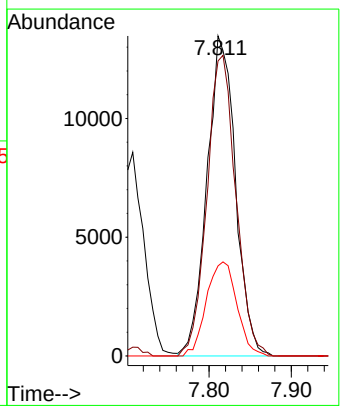


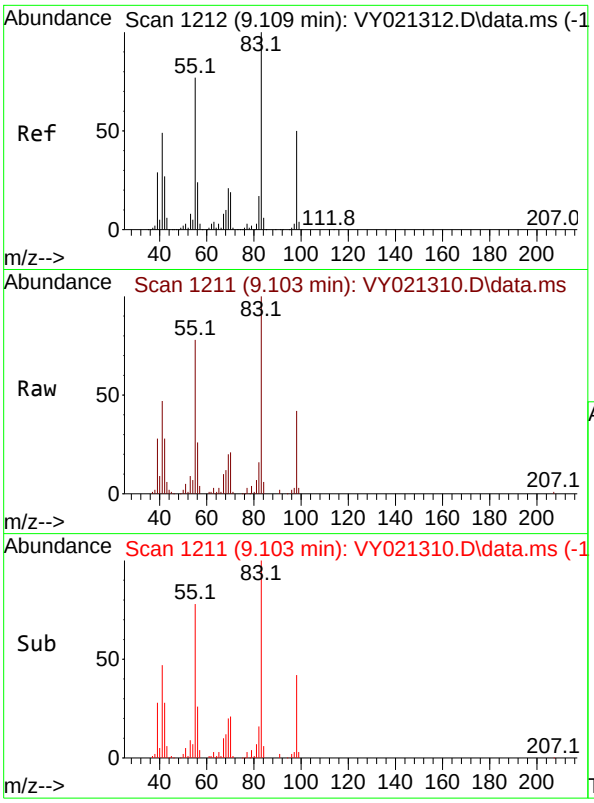


#38
Carbon Tetrachloride
Concen: 10.149 ug/l
RT: 7.811 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:117 Resp: 32494

Ion	Ratio	Lower	Upper
117	100		
119	92.2	76.0	114.0
121	28.1	24.9	37.3



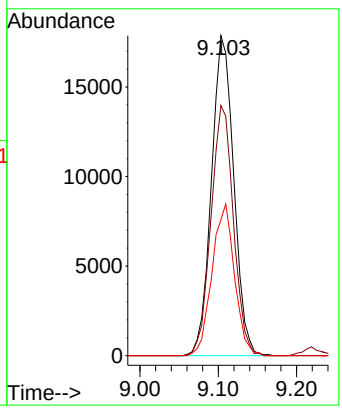


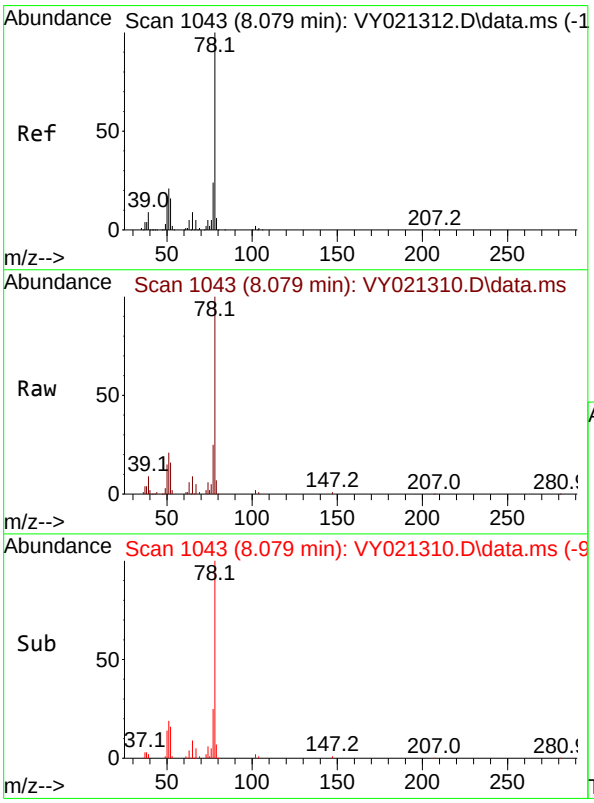
#39
Methylcyclohexane
Concen: 9.837 ug/l
RT: 9.103 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 83 Resp: 35431

Ion	Ratio	Lower	Upper
83	100		
55	78.2	61.3	91.9
98	42.5	39.9	59.9

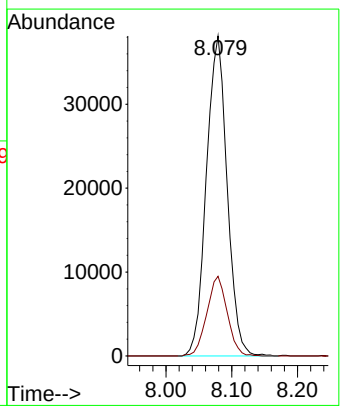


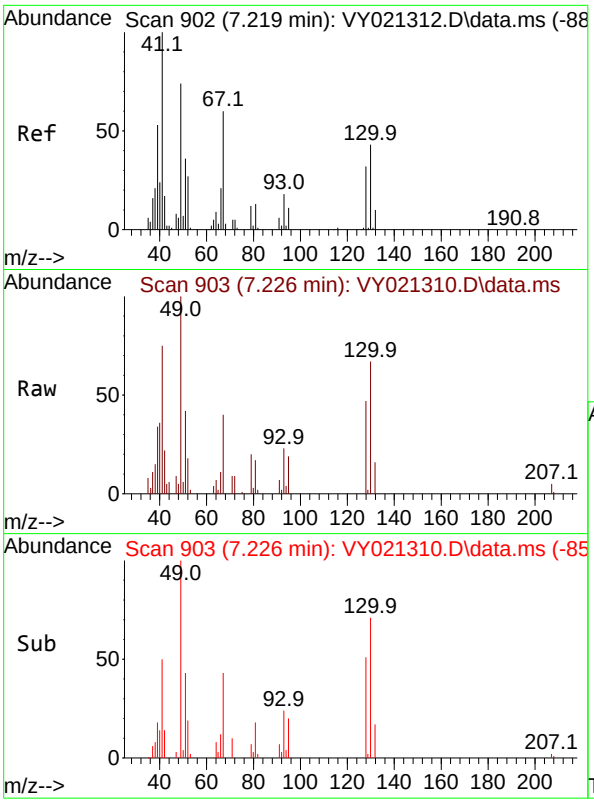


#40
Benzene
Concen: 9.930 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 78 Resp: 83594

Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.2	28.8



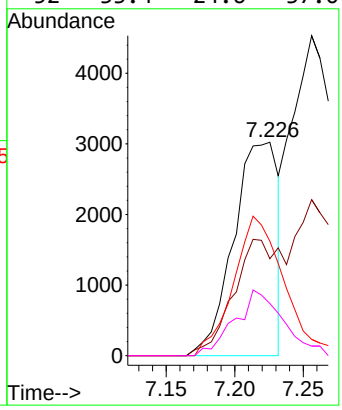


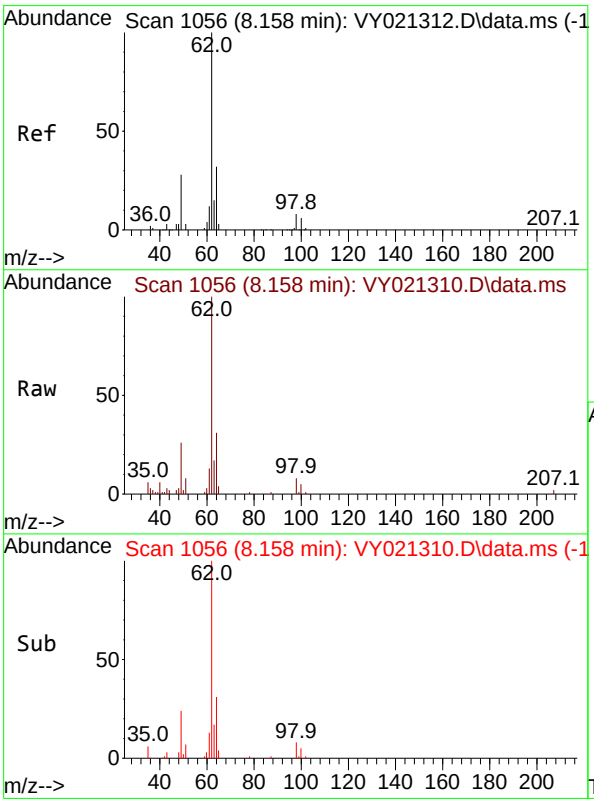
#41
Methacrylonitrile
Concen: 8.642 ug/l
RT: 7.226 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 41 Resp: 6845

Ion	Ratio	Lower	Upper
41	100		
39	60.5	42.3	63.5
67	74.2	54.8	82.2
52	33.4	24.6	37.0

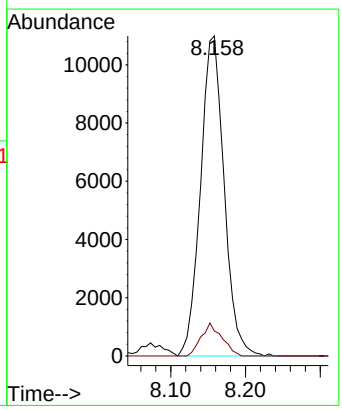


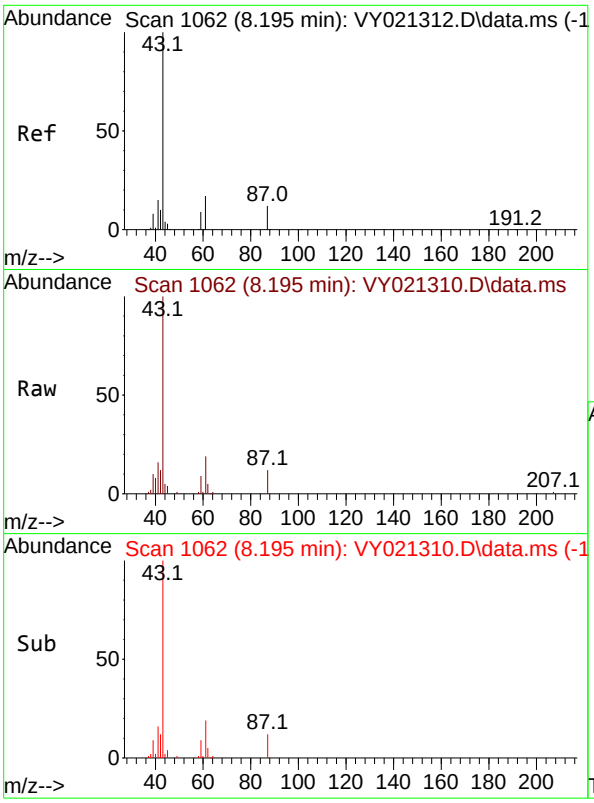


#42
1,2-Dichloroethane
Concen: 10.087 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 62 Resp: 24091

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.6



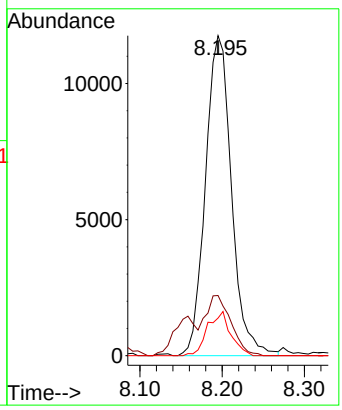


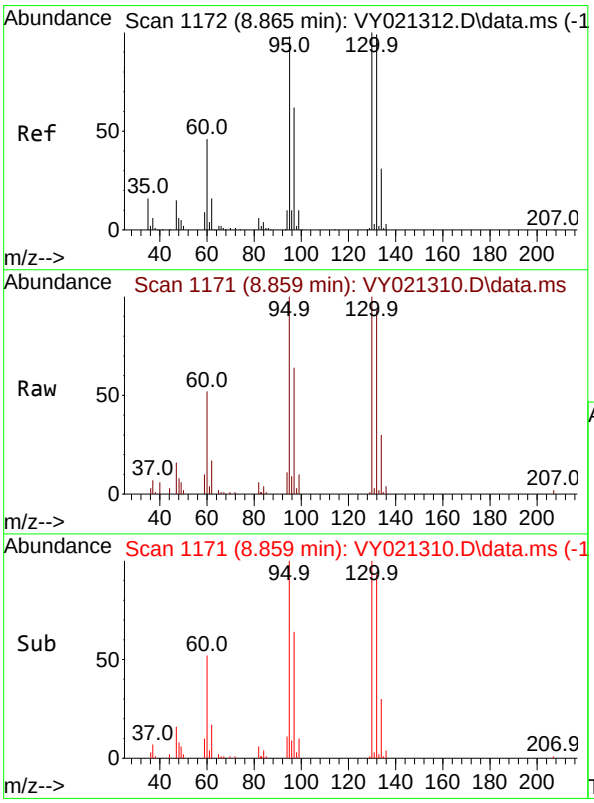
#43
Isopropyl Acetate
Concen: 9.436 ug/l
RT: 8.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 25874

Ion	Ratio	Lower	Upper
43	100		
61	18.4	15.0	22.6
87	12.3	10.0	15.0

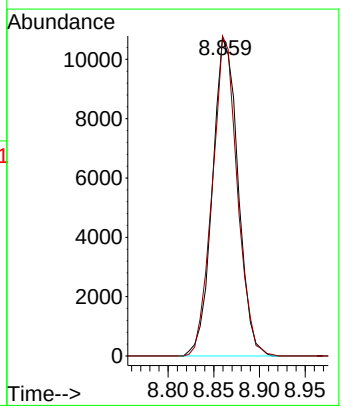


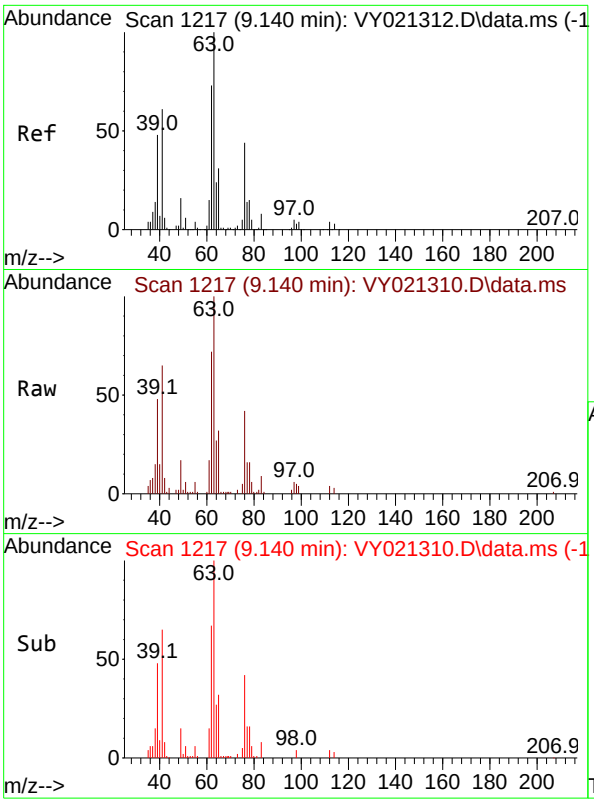


#44
Trichloroethene
Concen: 9.880 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:130 Resp: 20823

Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	196.0



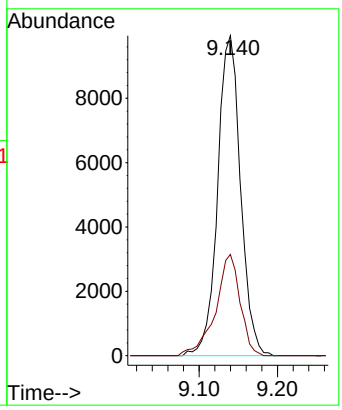


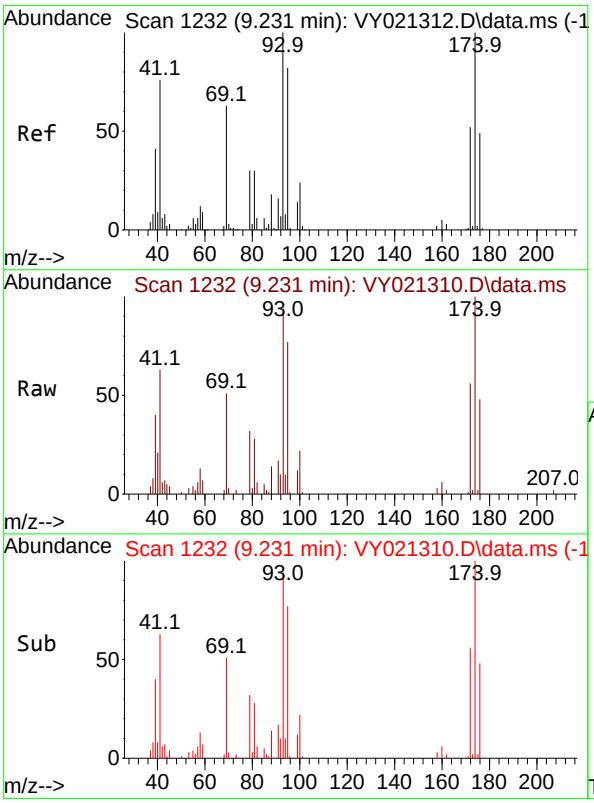
#45
1,2-Dichloropropane
Concen: 9.978 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 63 Resp: 20214

Ion	Ratio	Lower	Upper
63	100		
65	31.6	24.6	36.8

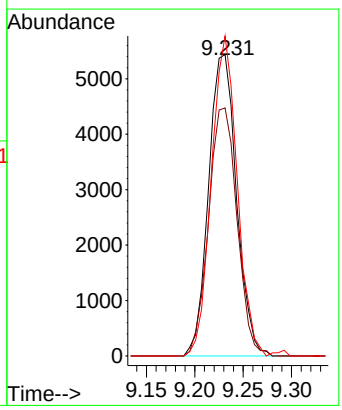


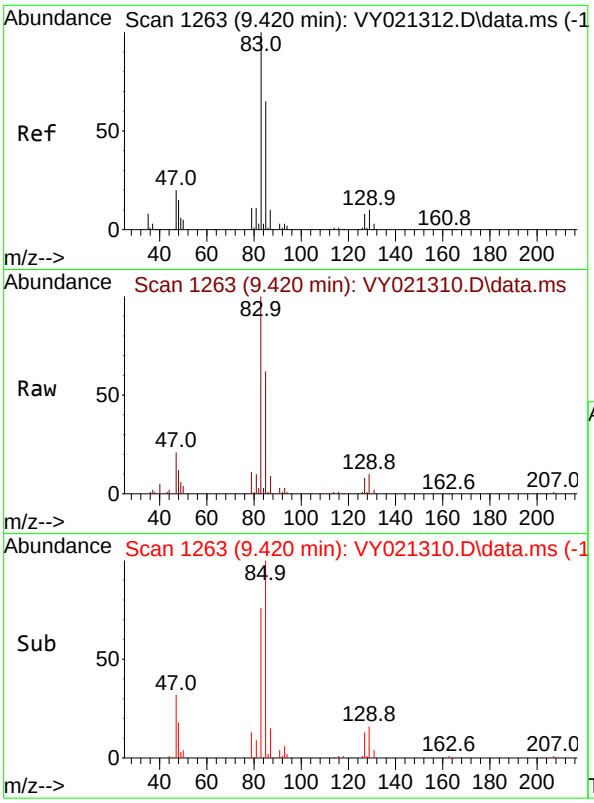


#46
Dibromomethane
Concen: 9.845 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 93 Resp: 10902

Ion	Ratio	Lower	Upper
93	100		
95	83.8	66.4	99.6
174	98.2	78.2	117.2



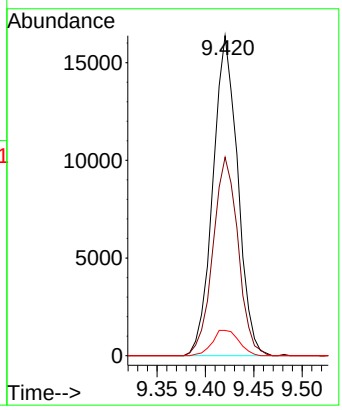


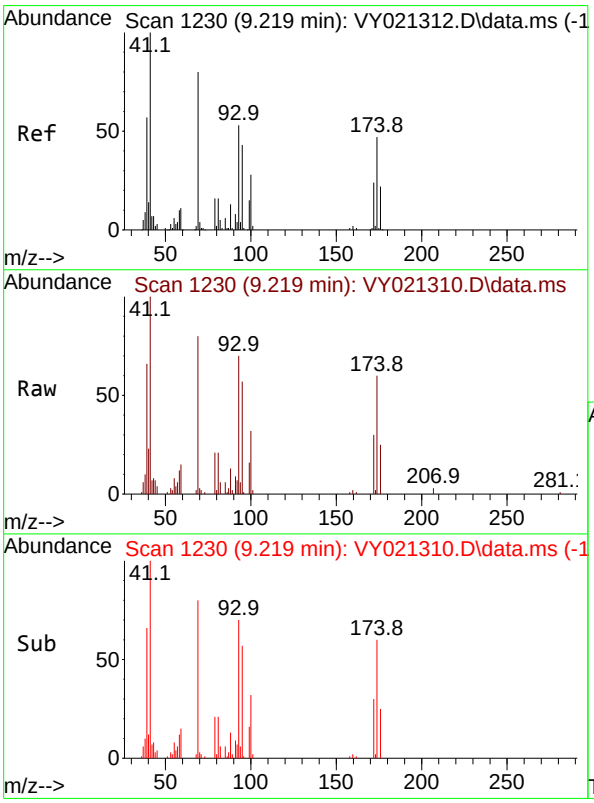
#47
Bromodichloromethane
Concen: 9.860 ug/l
RT: 9.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 83 Resp: 29114

Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.8	77.8
127	7.9	6.7	10.1

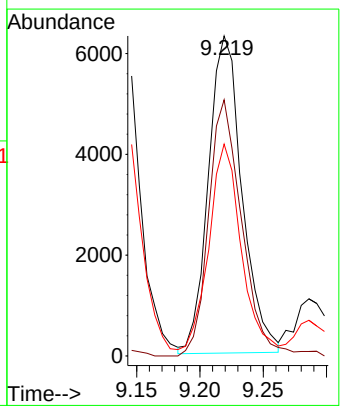


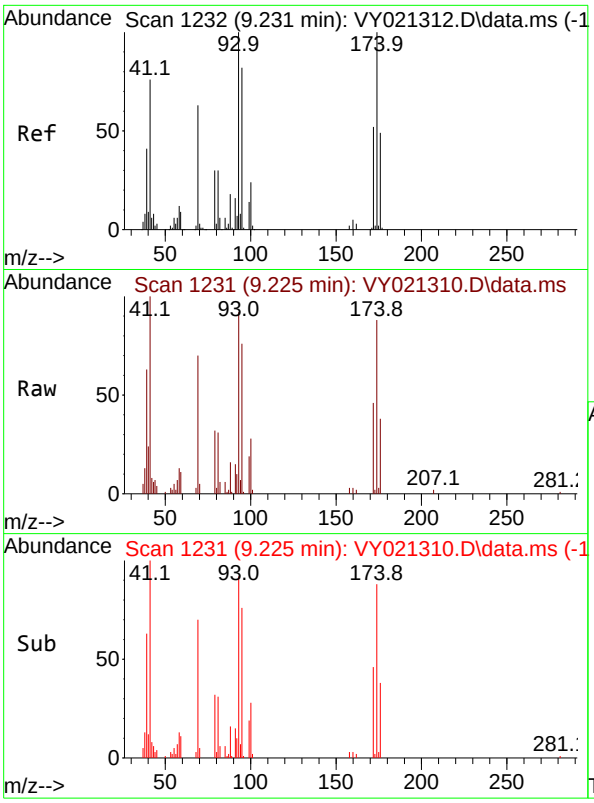


#48
Methyl methacrylate
Concen: 9.088 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 41 Resp: 11652

Ion	Ratio	Lower	Upper
41	100		
69	80.1	63.3	94.9
39	61.7	45.0	67.6



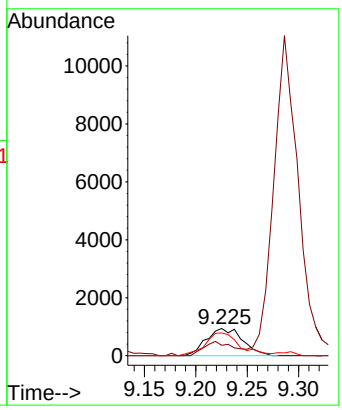


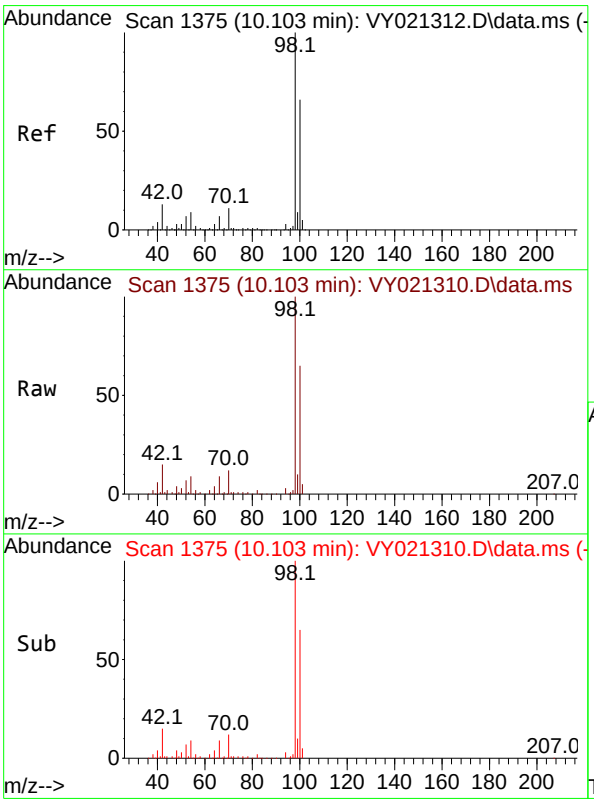
#49
1,4-Dioxane
Concen: 187.520 ug/l
RT: 9.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 88 Resp: 2309

Ion	Ratio	Lower	Upper
88	100		
43	44.1	34.8	52.2
58	79.5	59.8	89.6

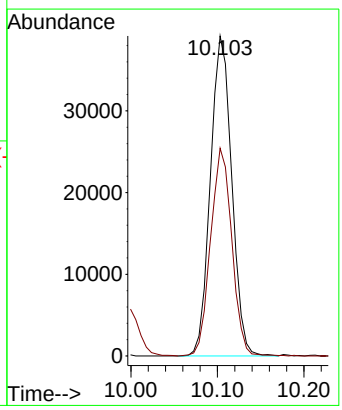


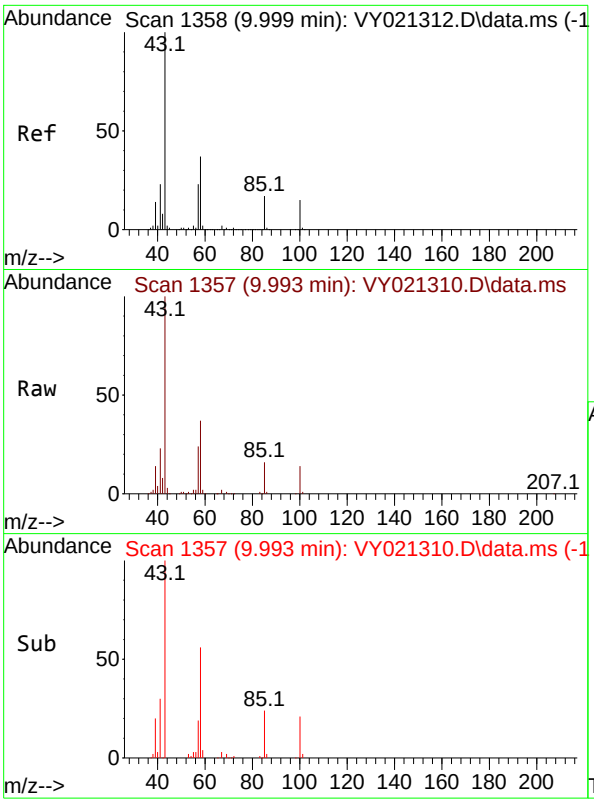


#50
Toluene-d8
Concen: 9.141 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 98 Resp: 66979

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.4	78.6



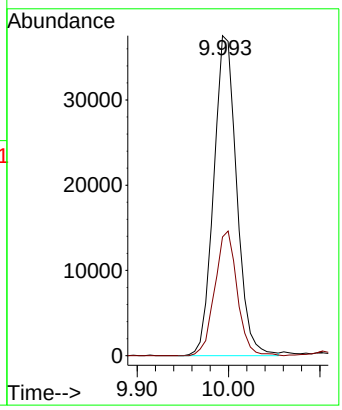


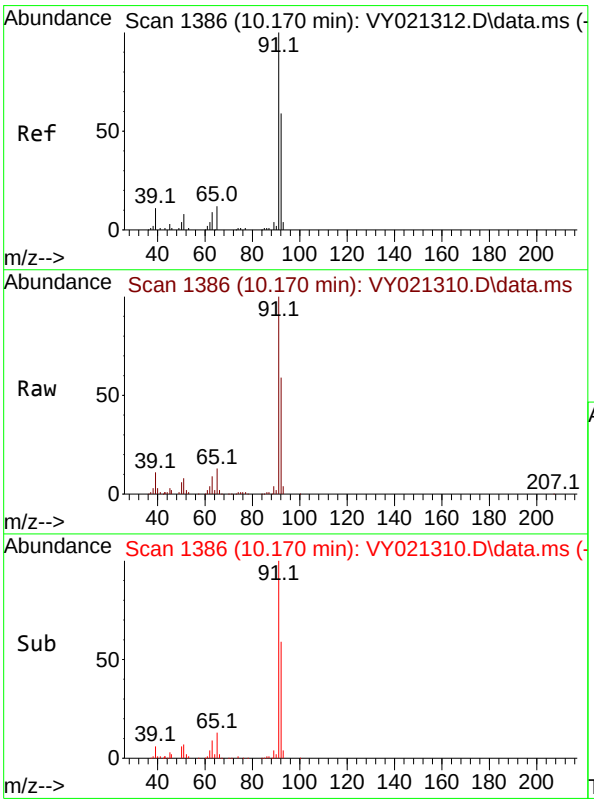
#51
4-Methyl-2-Pentanone
Concen: 46.808 ug/l
RT: 9.993 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 65698

Ion	Ratio	Lower	Upper
43	100		
58	37.9	30.1	45.1

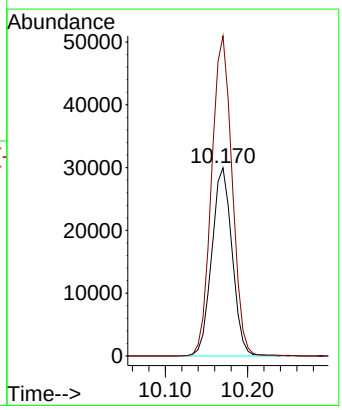


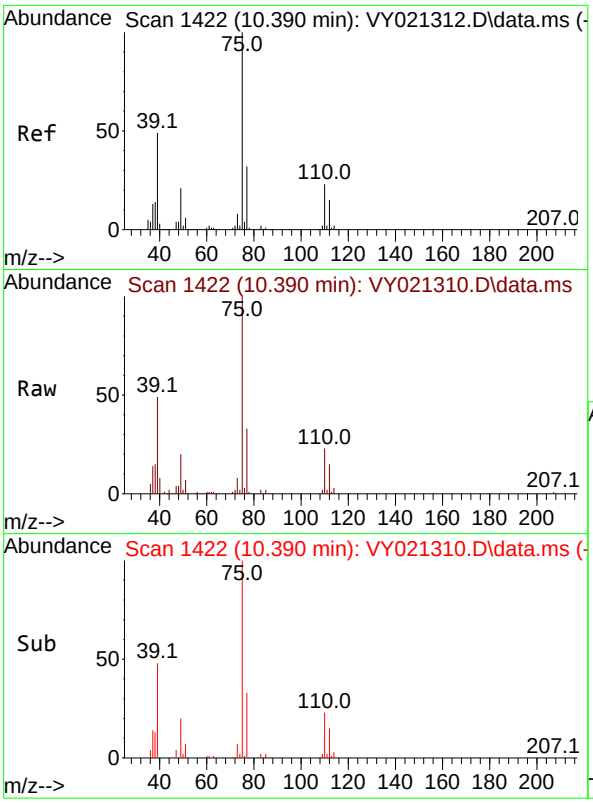


#52
Toluene
Concen: 9.823 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 92 Resp: 51371

Ion	Ratio	Lower	Upper
92	100		
91	172.4	137.8	206.8



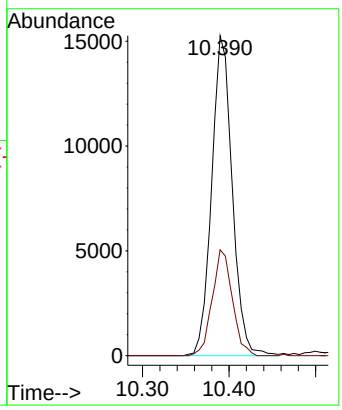


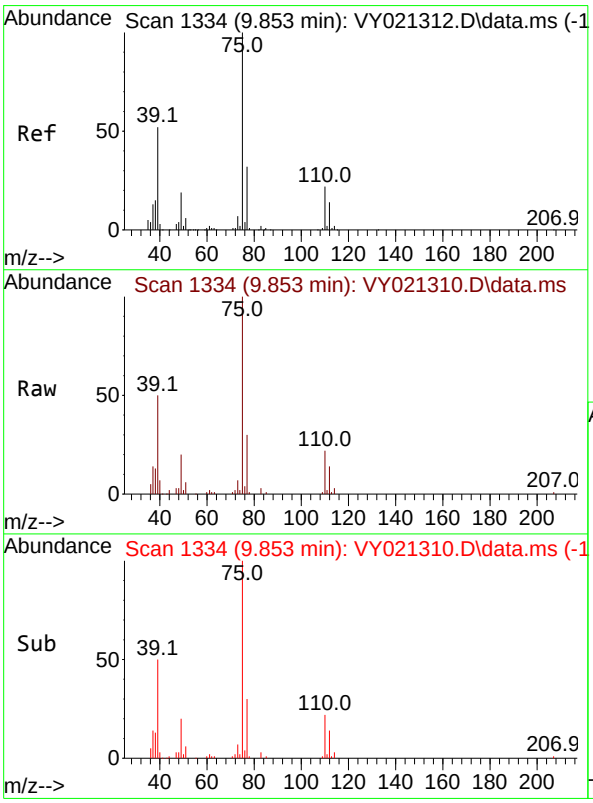
#53
t-1,3-Dichloropropene
Concen: 9.322 ug/l
RT: 10.390 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 75 Resp: 25218

Ion	Ratio	Lower	Upper
75	100		
77	33.1	25.3	37.9

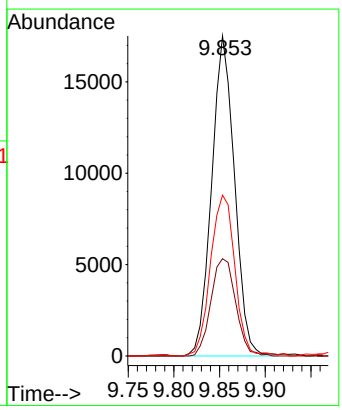


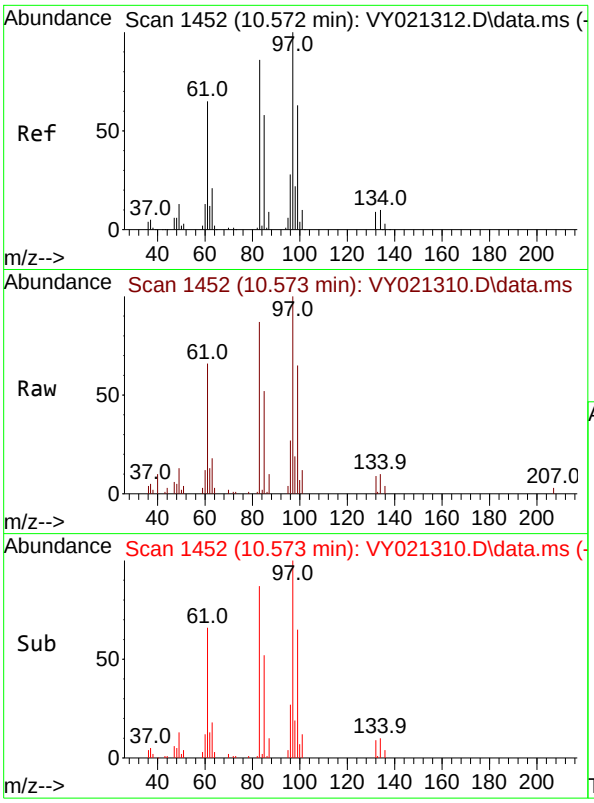


#54
cis-1,3-Dichloropropene
Concen: 9.528 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 75 Resp: 30428

Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.7	38.5
39	50.2	41.8	62.6



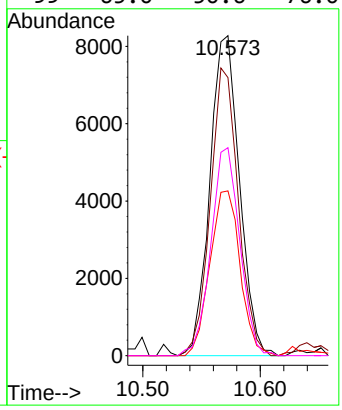


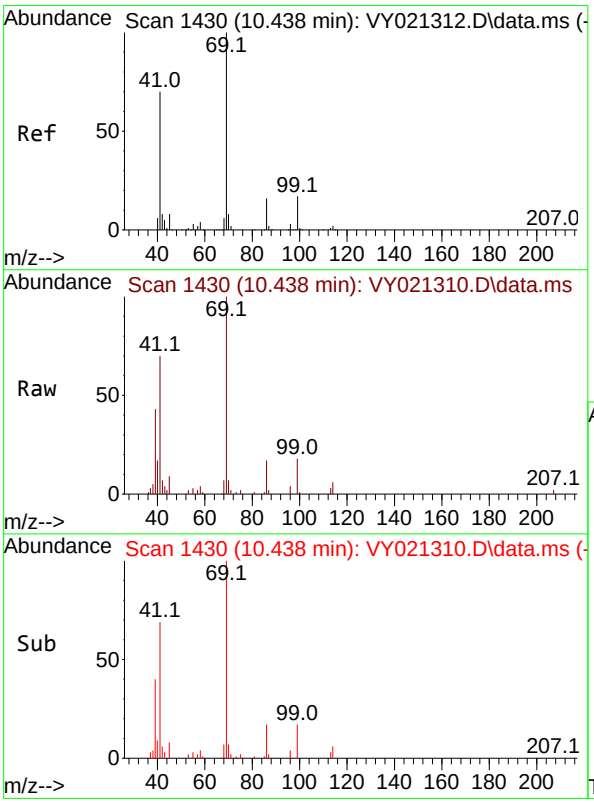
#55
1,1,2-Trichloroethane
Concen: 10.057 ug/l
RT: 10.573 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 97 Resp: 14509

Ion	Ratio	Lower	Upper
97	100		
83	86.9	68.7	103.1
85	51.5	46.3	69.5
99	65.0	50.6	76.0

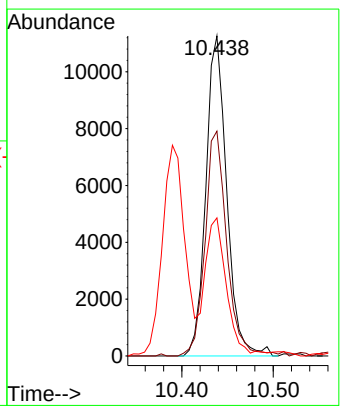


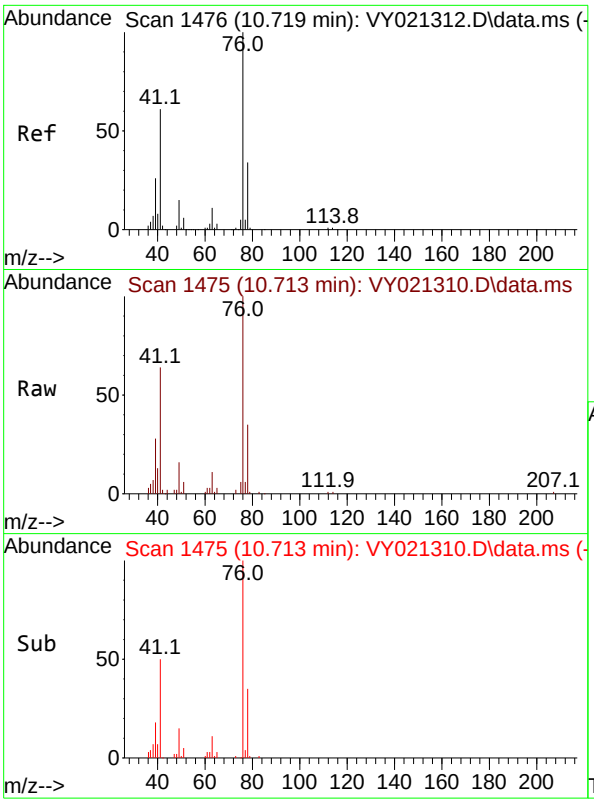


#56
Ethyl methacrylate
Concen: 8.938 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 69 Resp: 17817

Ion	Ratio	Lower	Upper
69	100		
41	73.6	56.2	84.4
39	43.1	32.7	49.1



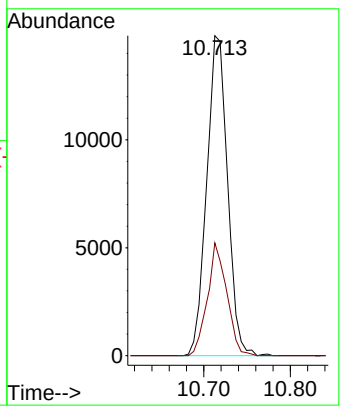


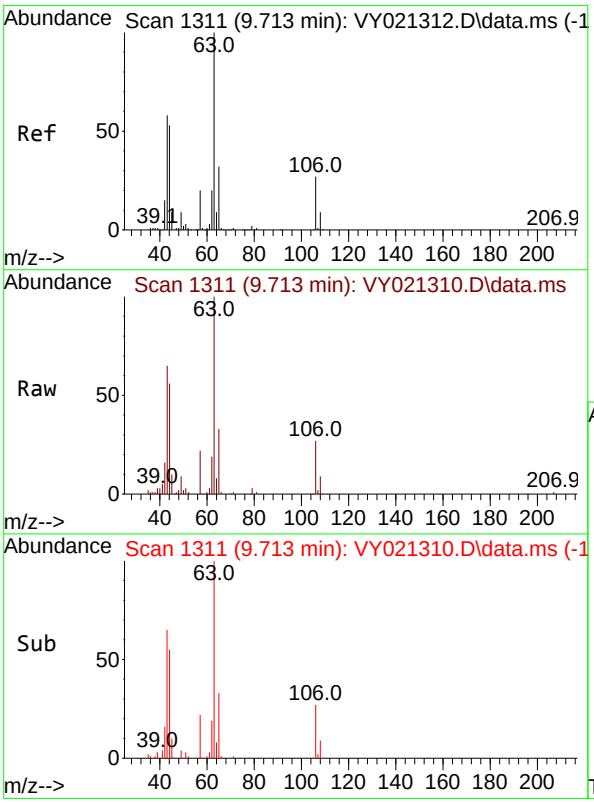
#57
1,3-Dichloropropane
Concen: 9.784 ug/l
RT: 10.713 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 76 Resp: 24769

Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.9	38.9

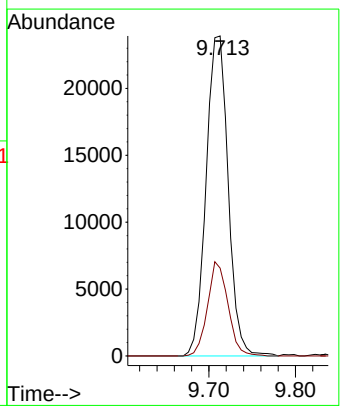


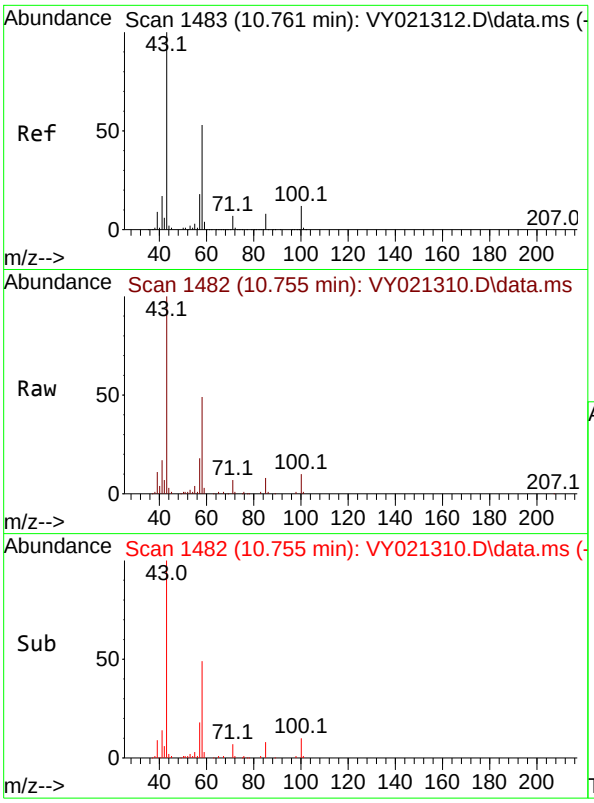


#58
2-Chloroethyl Vinyl ether
Concen: 44.215 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 63 Resp: 42304

Ion	Ratio	Lower	Upper
63	100		
106	27.2	21.7	32.5



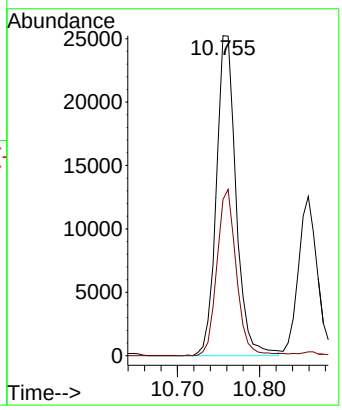


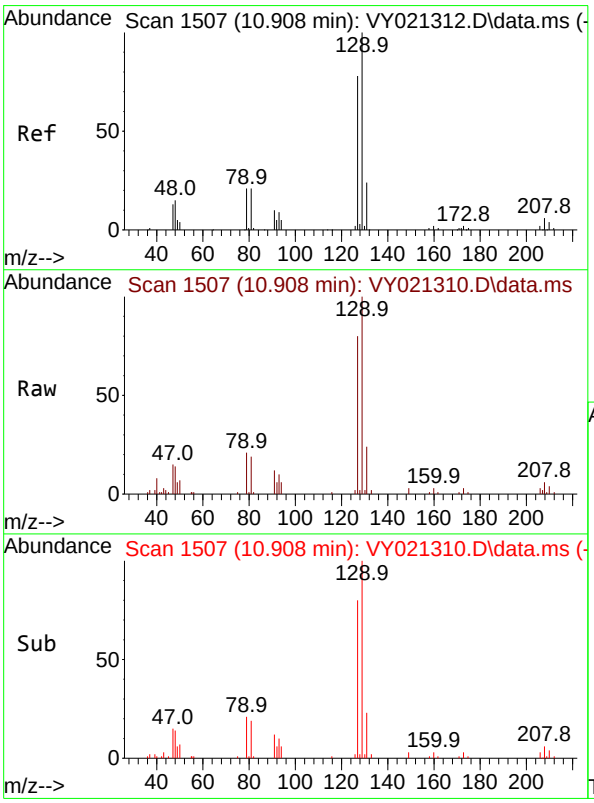
#59
2-Hexanone
Concen: 45.697 ug/l
RT: 10.755 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 42123

Ion	Ratio	Lower	Upper
43	100		
58	51.3	25.9	77.6

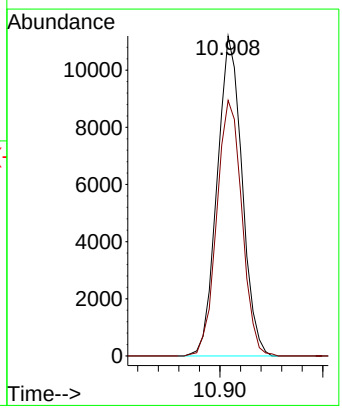


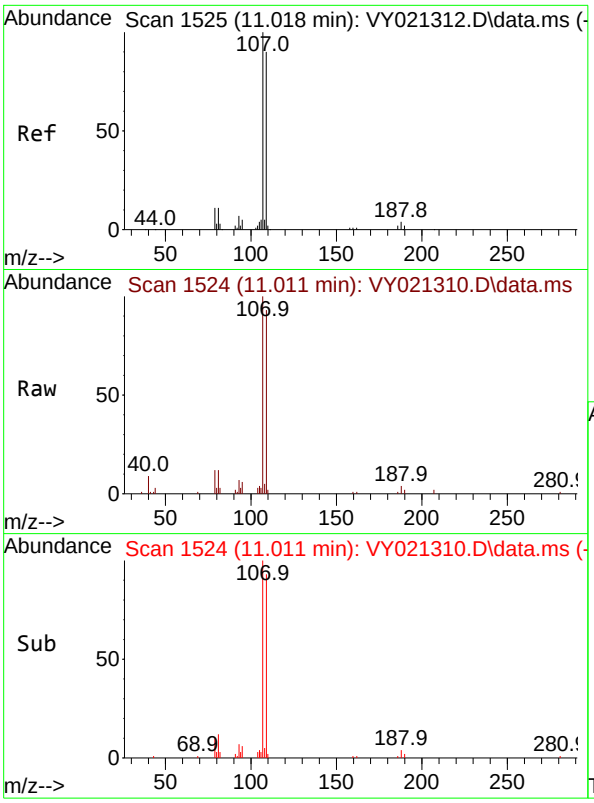


#60
Dibromochloromethane
Concen: 9.565 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:129 Resp: 18793

Ion	Ratio	Lower	Upper
129	100		
127	80.8	38.8	116.4



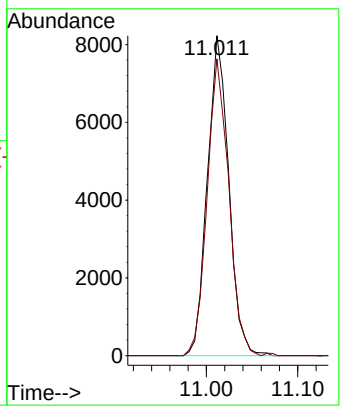


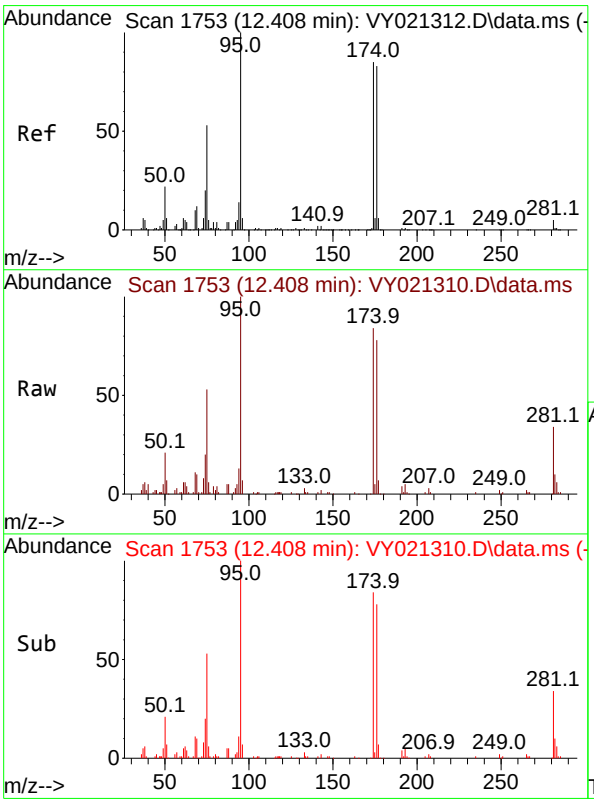
#61
1,2-Dibromoethane
Concen: 9.775 ug/l
RT: 11.011 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:107 Resp: 13351

Ion	Ratio	Lower	Upper
107	100		
109	93.8	73.8	110.8

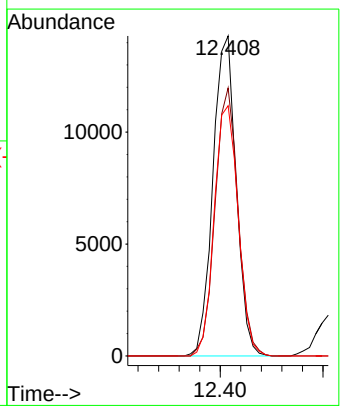


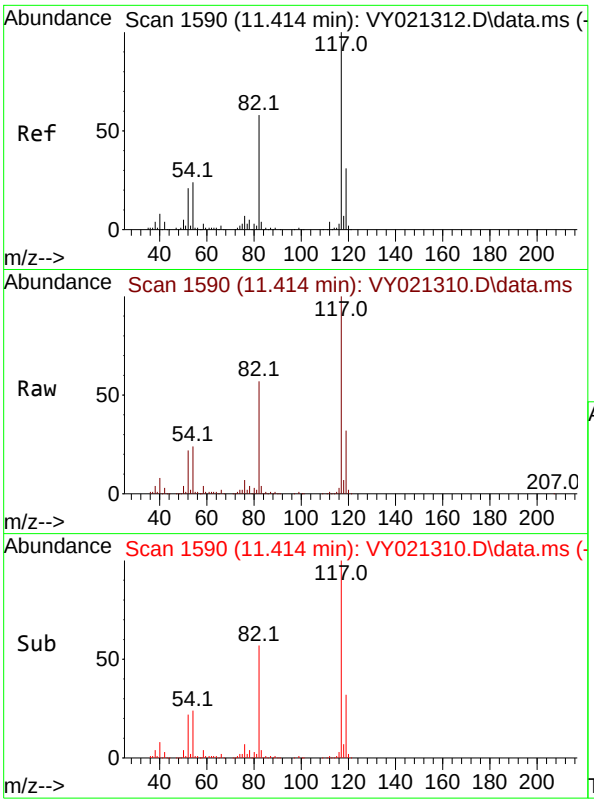


#62
4-Bromofluorobenzene
Concen: 9.069 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 95 Resp: 22364

Ion	Ratio	Lower	Upper
95	100		
174	83.0	0.0	168.0
176	80.9	0.0	162.6



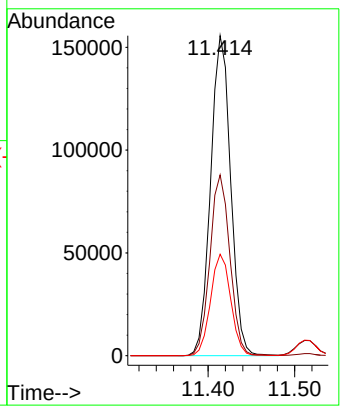


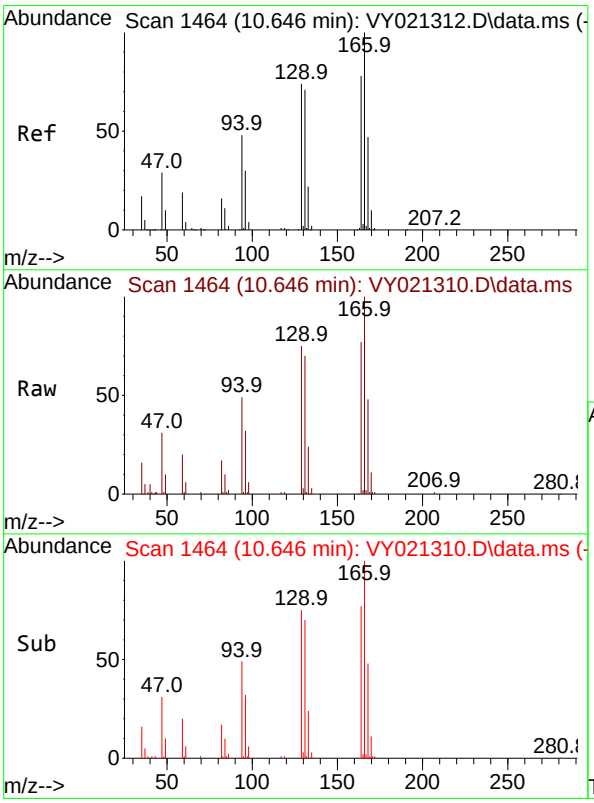
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:117 Resp: 250629

Ion	Ratio	Lower	Upper
117	100		
82	56.5	46.2	69.4
119	31.7	24.9	37.3

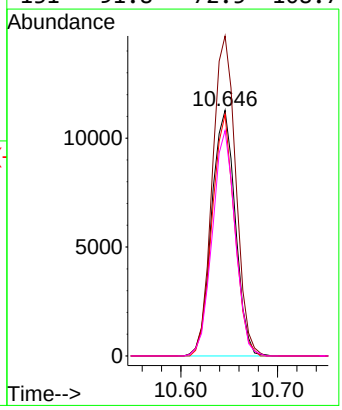


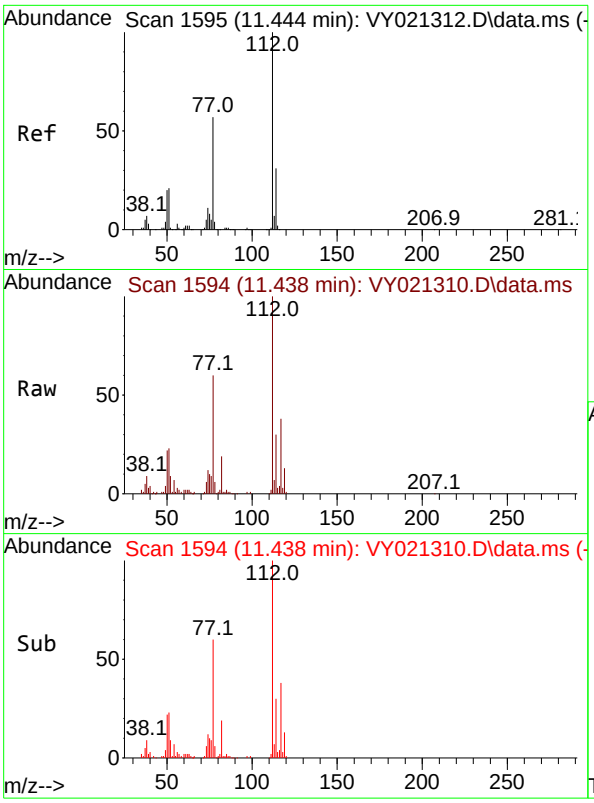


#64
Tetrachloroethene
Concen: 10.064 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:164 Resp: 19065

Ion	Ratio	Lower	Upper
164	100		
166	130.3	101.9	152.9
129	98.3	75.5	113.3
131	91.8	72.5	108.7



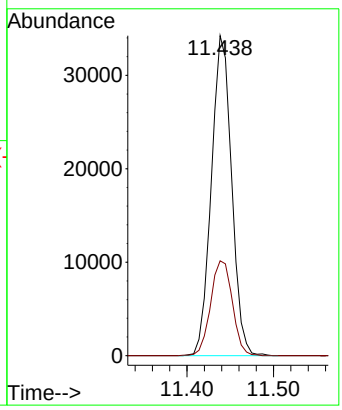


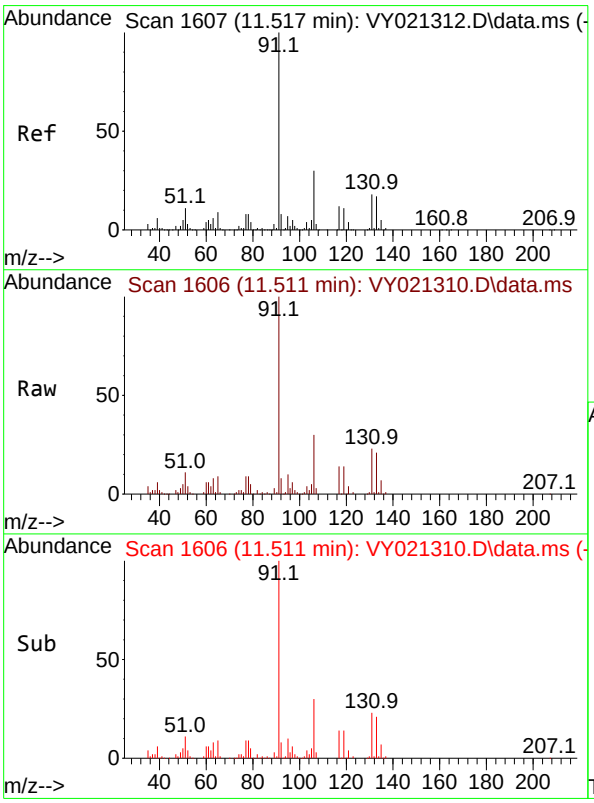
#65
Chlorobenzene
Concen: 9.899 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:112 Resp: 55689

Ion	Ratio	Lower	Upper
112	100		
114	29.6	25.0	37.6

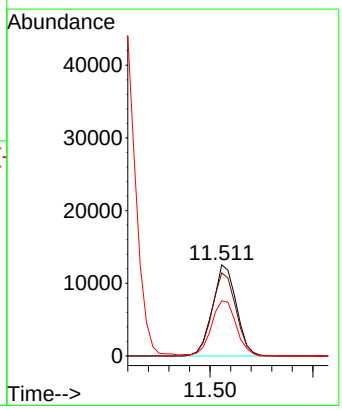


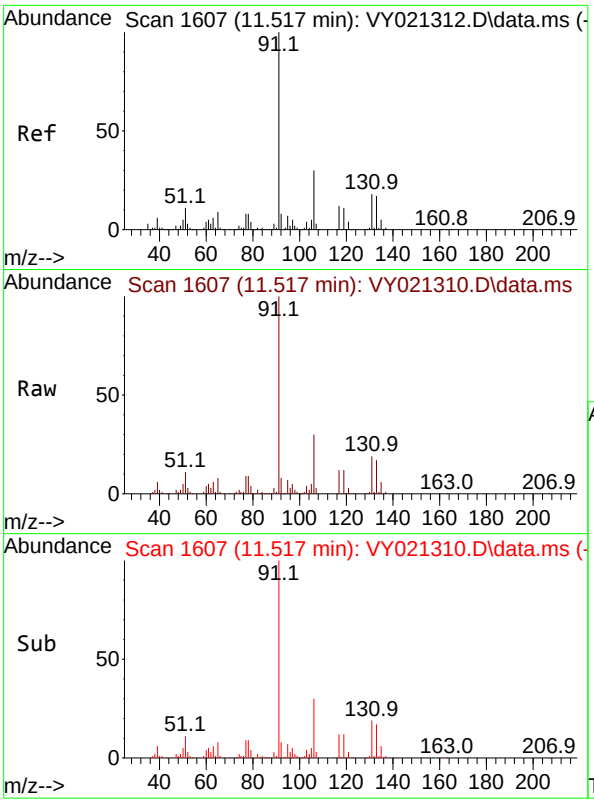


#66
1,1,1,2-Tetrachloroethane
Concen: 10.198 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:131 Resp: 20089

Ion	Ratio	Lower	Upper
131	100		
133	93.0	47.9	143.6
119	62.8	31.7	95.1



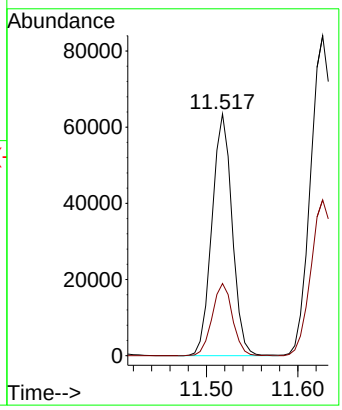


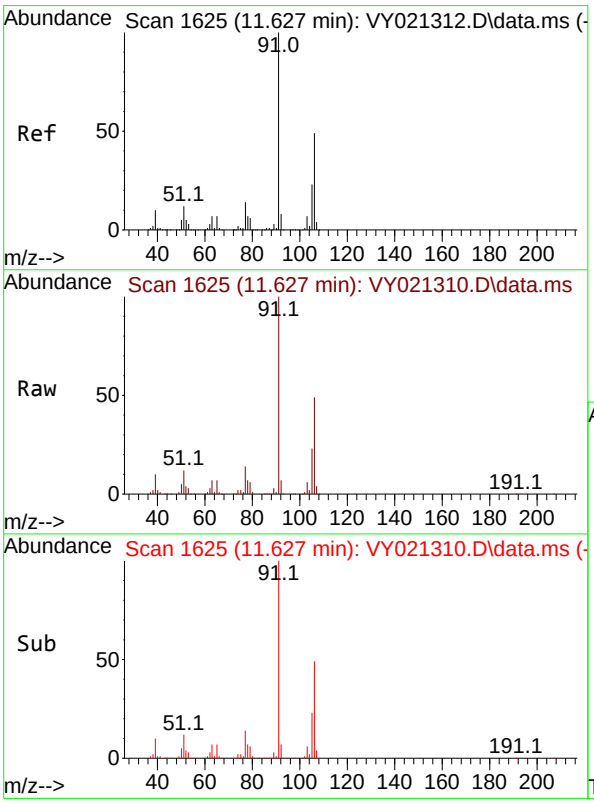
#67
Ethyl Benzene
Concen: 9.764 ug/l
RT: 11.517 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 97299

Ion	Ratio	Lower	Upper
91	100		
106	29.8	24.4	36.6

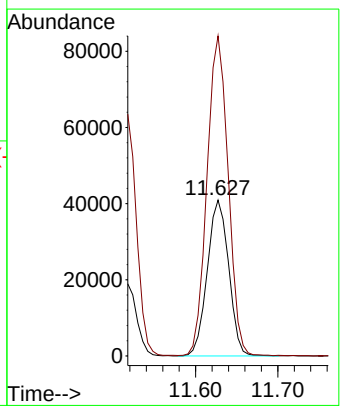


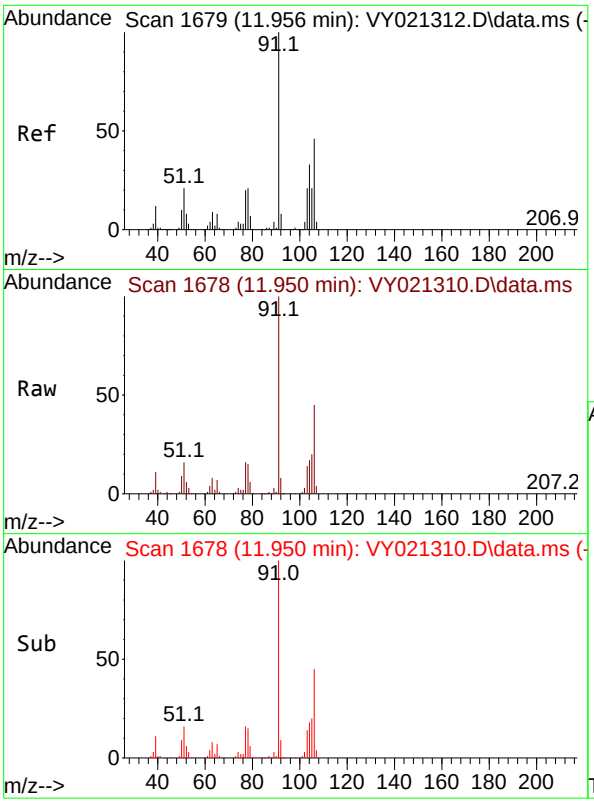


#68
m/p-Xylenes
Concen: 19.740 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:106 Resp: 73991

Ion	Ratio	Lower	Upper
106	100		
91	203.6	163.9	245.9



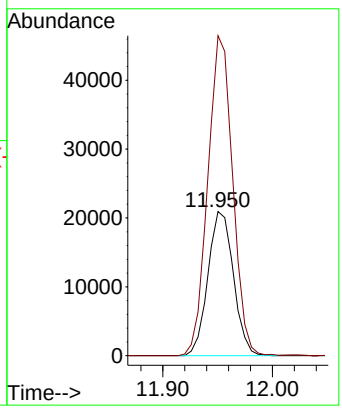


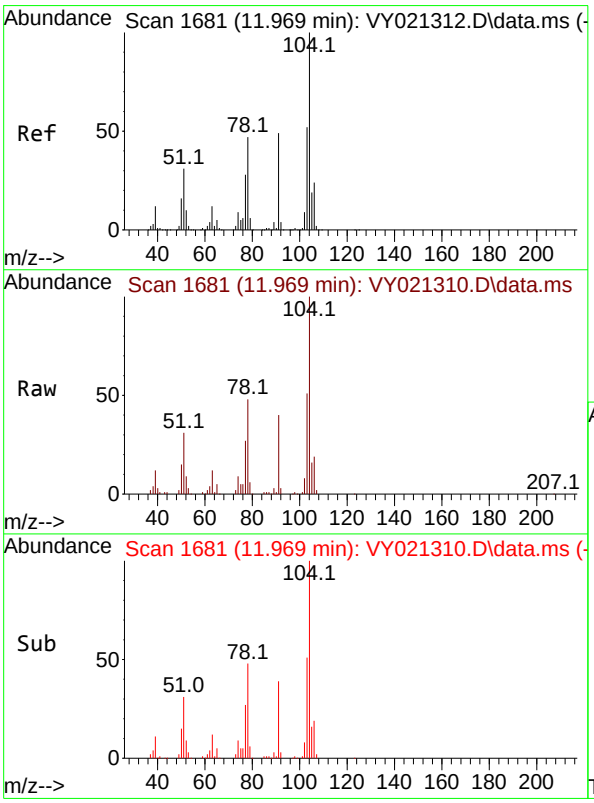
#69
o-Xylene
Concen: 9.632 ug/l
RT: 11.950 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 33822

Ion	Ratio	Lower	Upper
106	100		
91	217.1	108.1	324.2

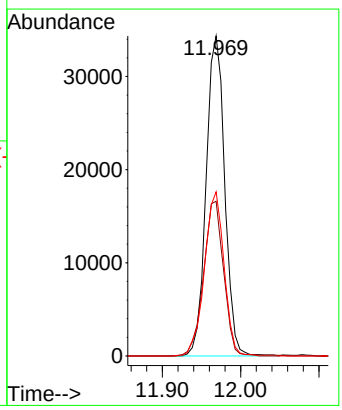


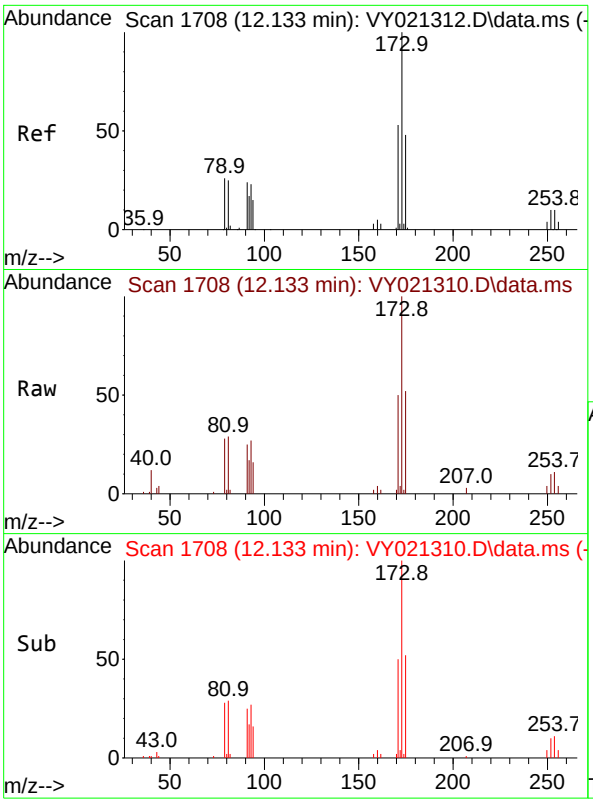


#70
Styrene
Concen: 9.679 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:104 Resp: 56550

Ion	Ratio	Lower	Upper
104	100		
78	52.2	41.3	61.9
103	54.2	43.9	65.9



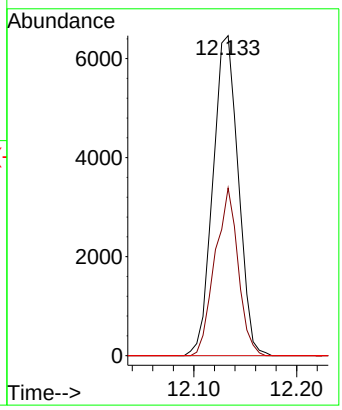


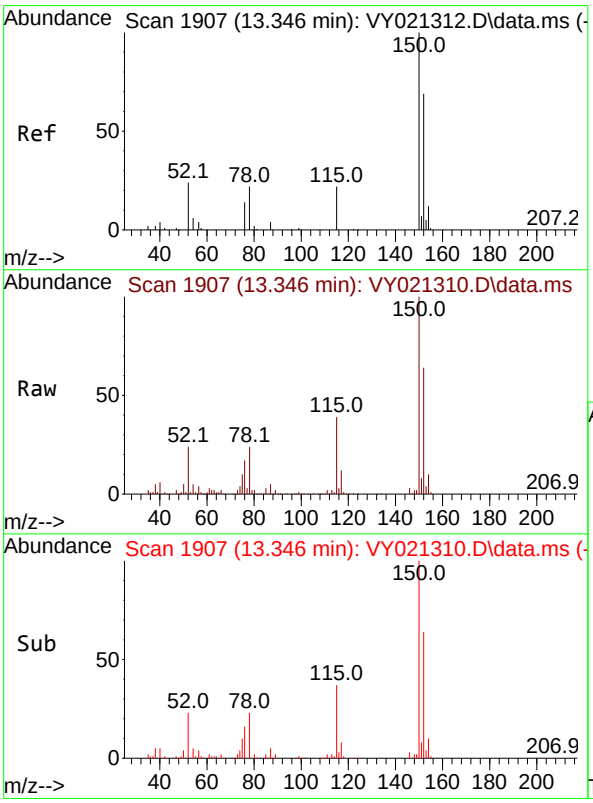
#71
Bromoform
Concen: 9.820 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:173 Resp: 11067

Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.1	72.3
254	0.0	0.1	0.1#

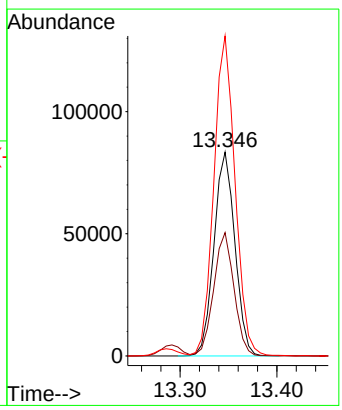


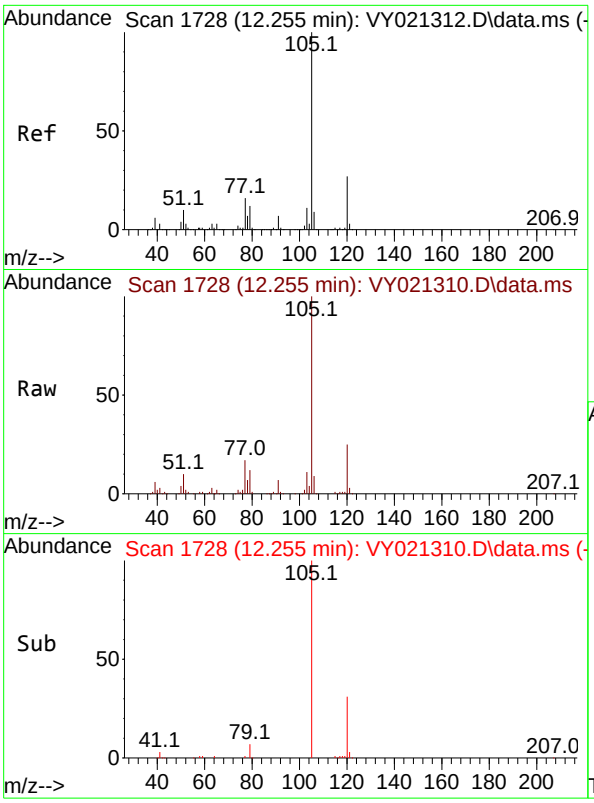


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:152 Resp: 125138

Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.3	88.0
150	159.4	0.0	347.4



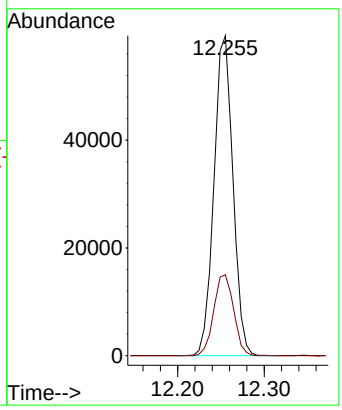


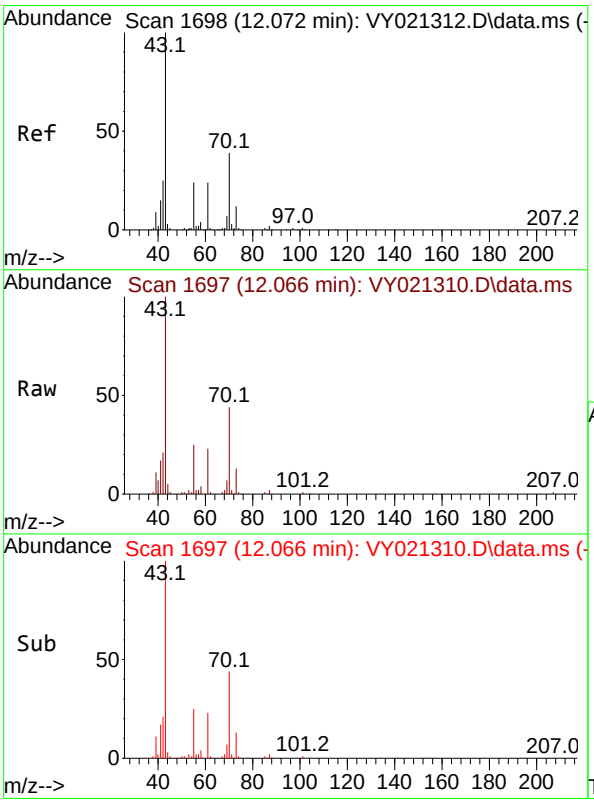
#73
Isopropylbenzene
Concen: 9.590 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:105 Resp: 90221

Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.3	39.8

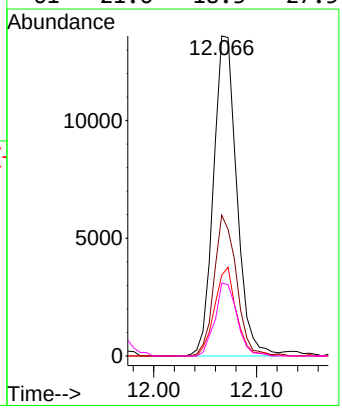


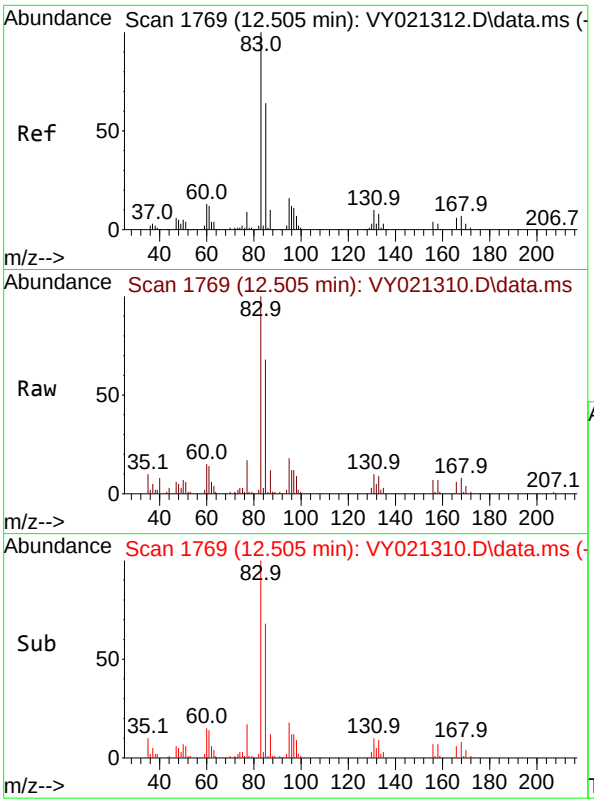


#74
N-amyl acetate
Concen: 8.937 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 43 Resp: 21370

Ion	Ratio	Lower	Upper
43	100		
70	42.4	32.2	48.2
55	25.9	19.6	29.4
61	21.6	18.3	27.5



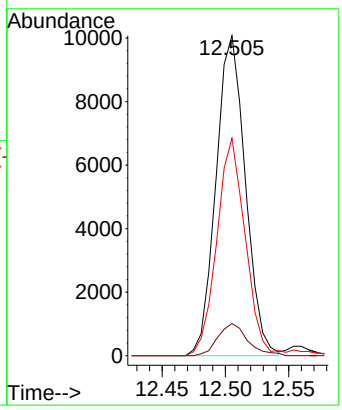


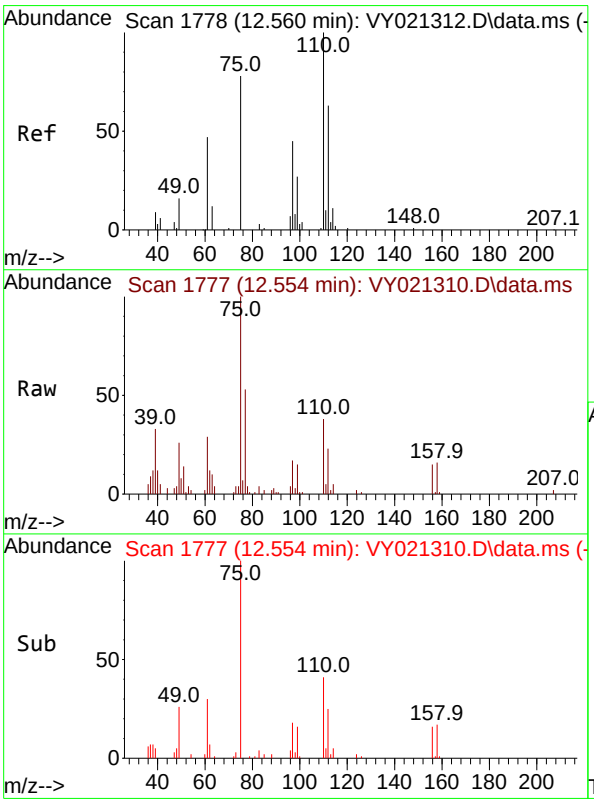
#75
1,1,2,2-Tetrachloroethane
Concen: 9.785 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 83 Resp: 16246

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.2	15.6
85	65.8	32.0	96.0

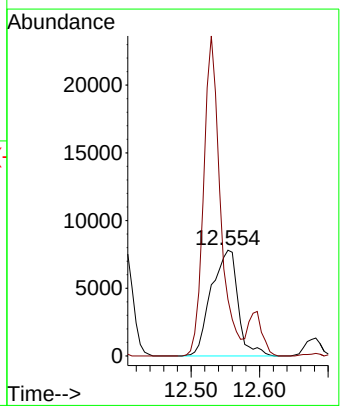


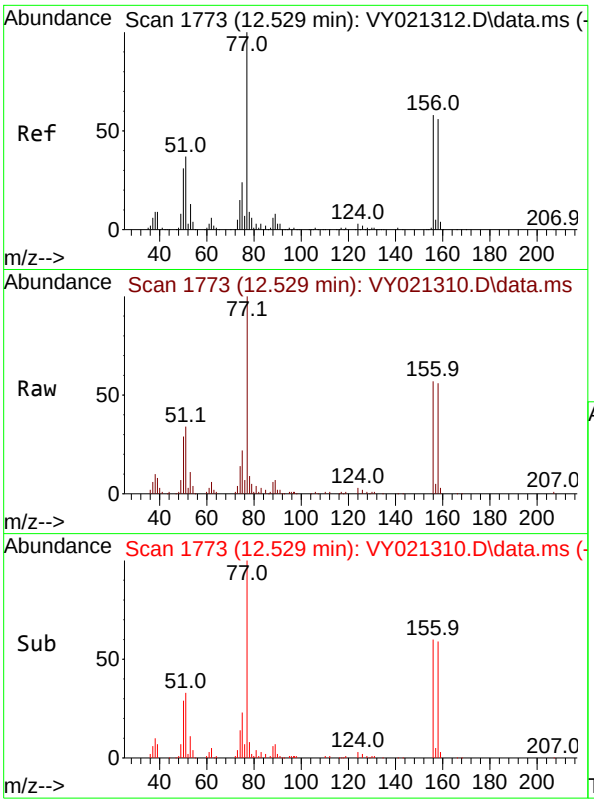


#76
1,2,3-Trichloropropane
Concen: 16.789 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 75 Resp: 21157

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



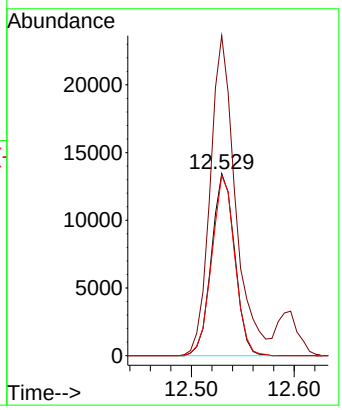


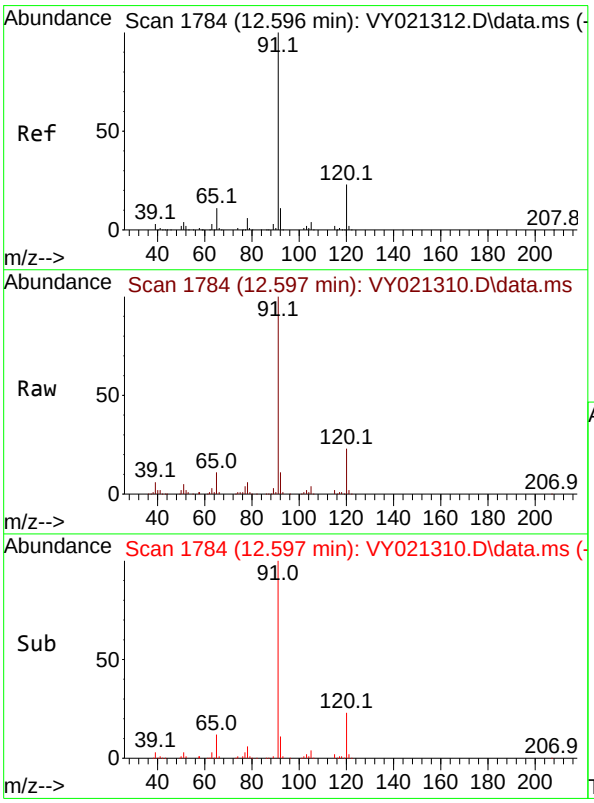
#77
Bromobenzene
Concen: 9.641 ug/l
RT: 12.529 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:156 Resp: 21097

Ion	Ratio	Lower	Upper
156	100		
77	190.2	94.0	282.1
158	98.2	48.7	146.1

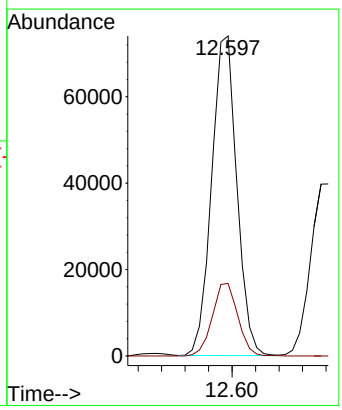


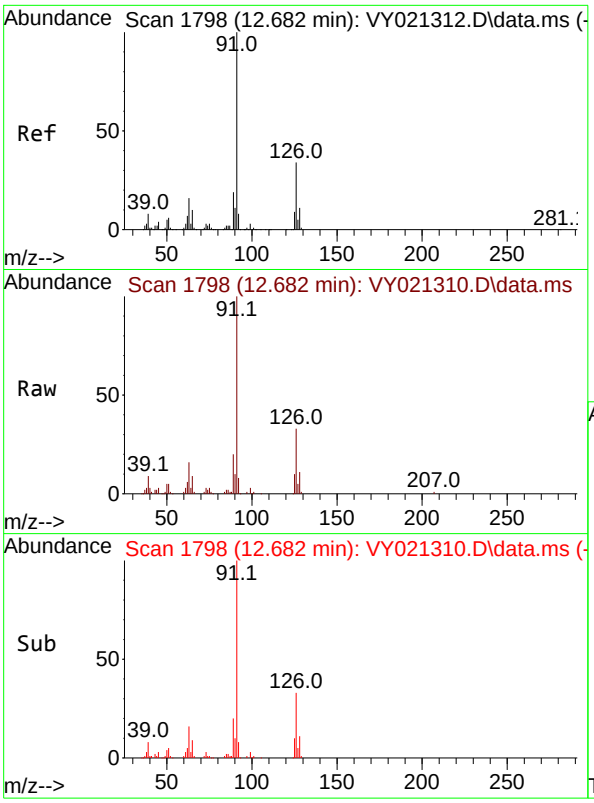


#78
n-propylbenzene
Concen: 9.652 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 91 Resp: 110190

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.2	33.5



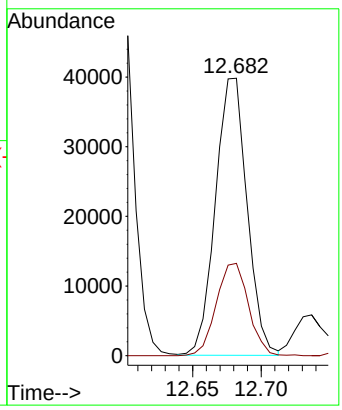


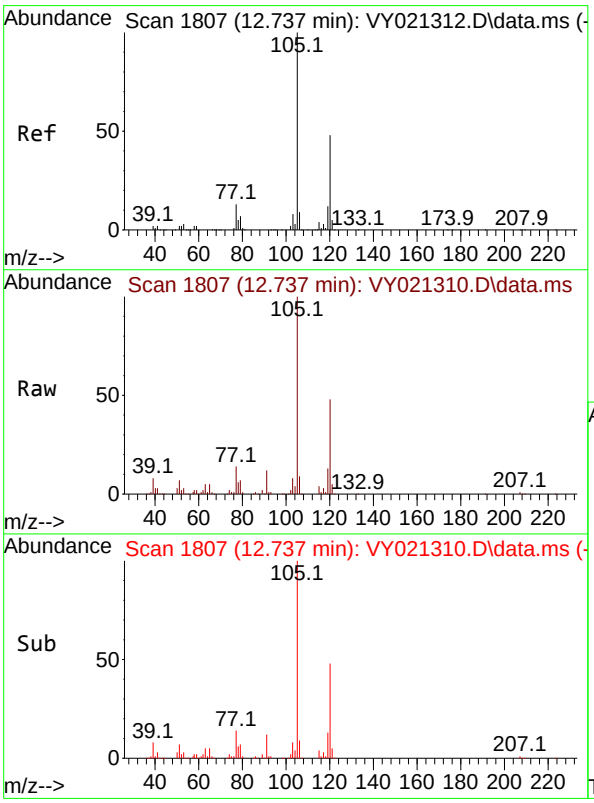
#79
2-Chlorotoluene
Concen: 9.771 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 64018

Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.9	50.6

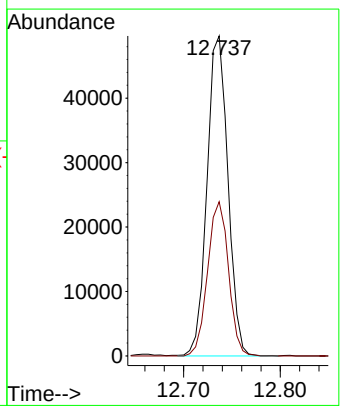


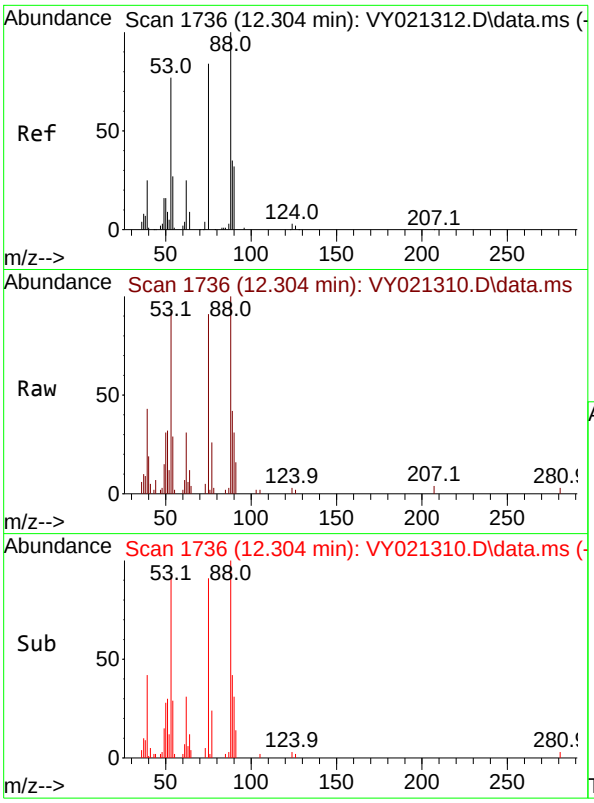


#80
1,3,5-Trimethylbenzene
Concen: 9.655 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:105 Resp: 74498

Ion	Ratio	Lower	Upper
105	100		
120	48.2	24.3	73.0



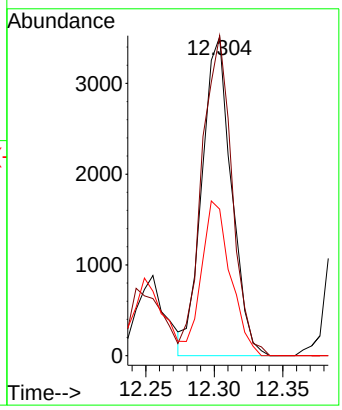


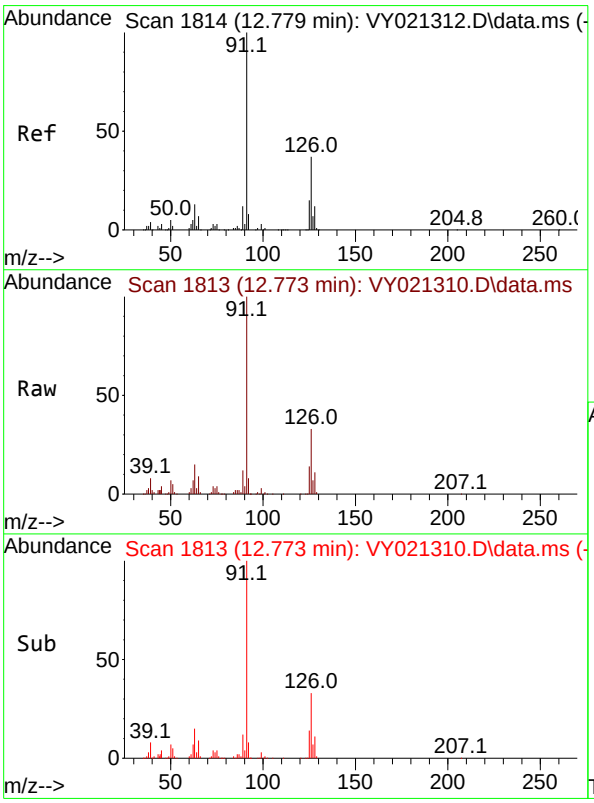
#81
trans-1,4-Dichloro-2-butene
Concen: 9.295 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 75 Resp: 5238

Ion	Ratio	Lower	Upper
75	100		
53	102.5	79.1	118.7
89	47.3	35.6	53.4

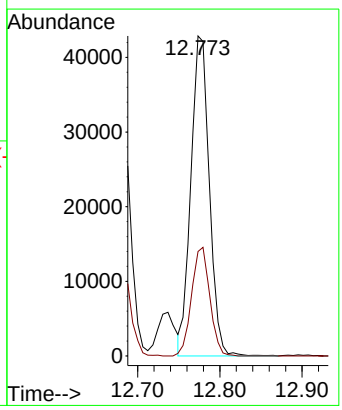


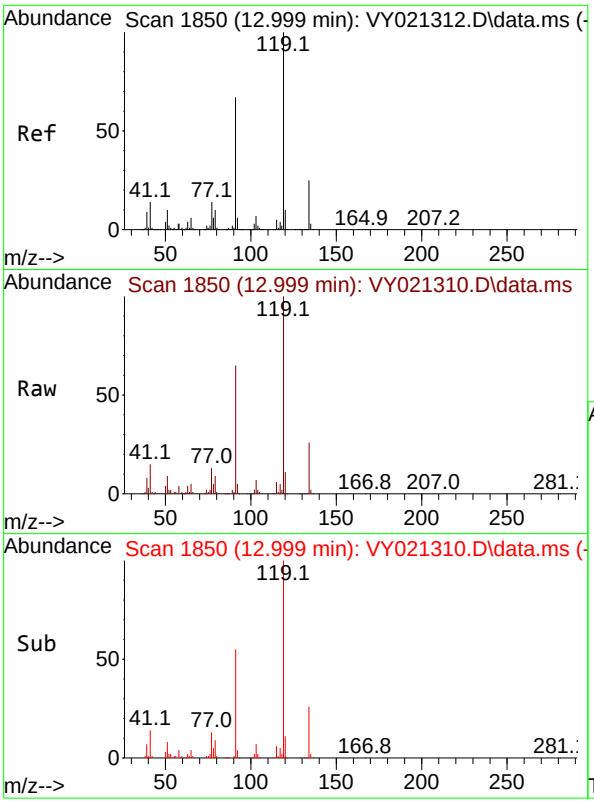


#82
4-Chlorotoluene
Concen: 9.821 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 91 Resp: 66701

Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.8	50.4



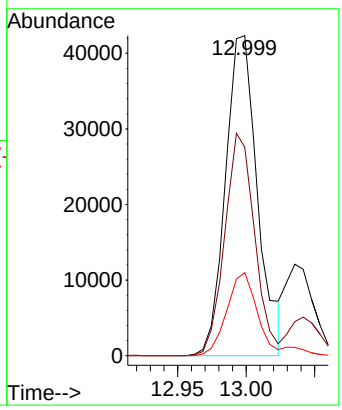


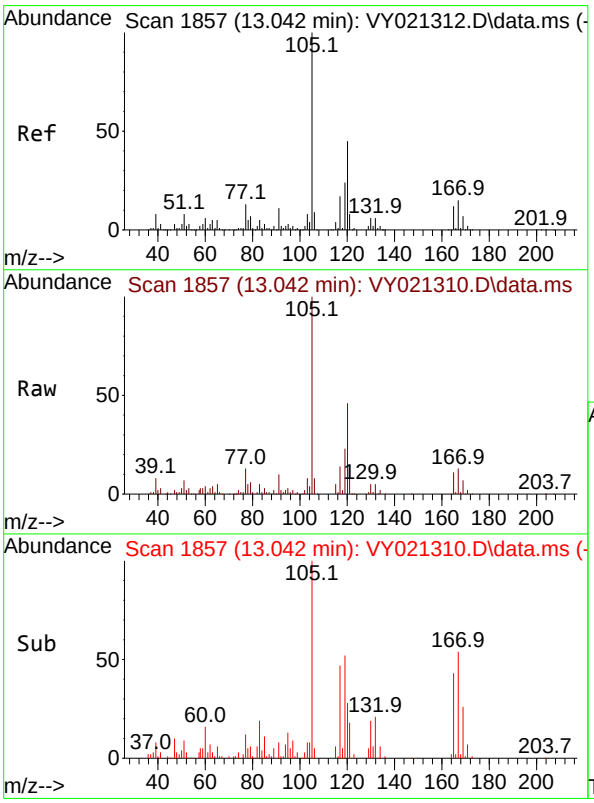
#83
tert-Butylbenzene
Concen: 9.886 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:119 Resp: 68905

Ion	Ratio	Lower	Upper
119	100		
91	64.8	32.7	98.1
134	26.3	13.3	39.9

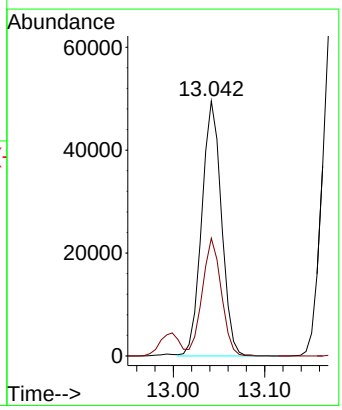


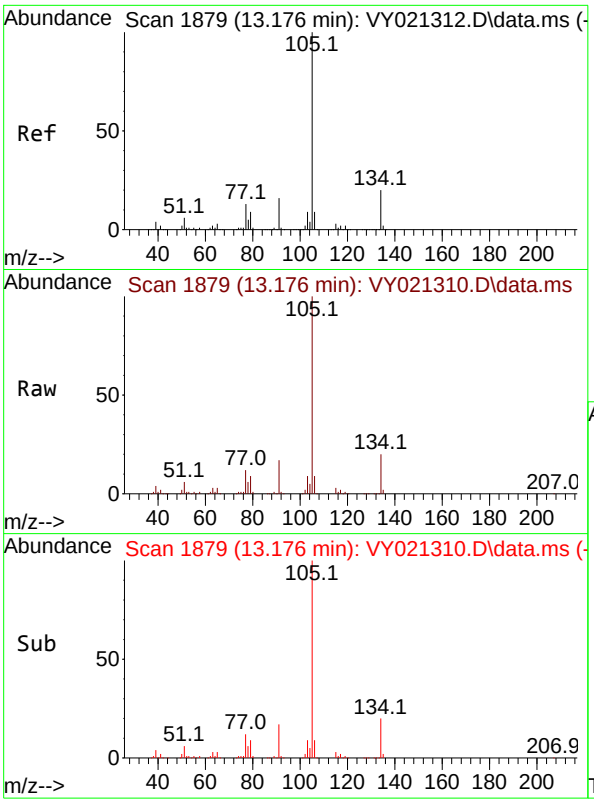


#84
1,2,4-Trimethylbenzene
Concen: 9.647 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:105 Resp: 74032

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.4	67.3



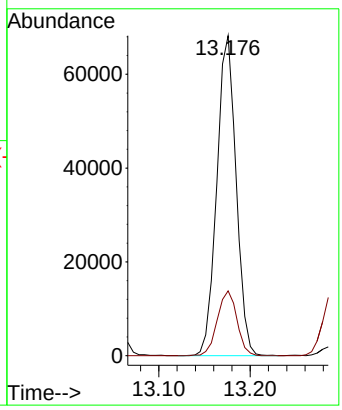


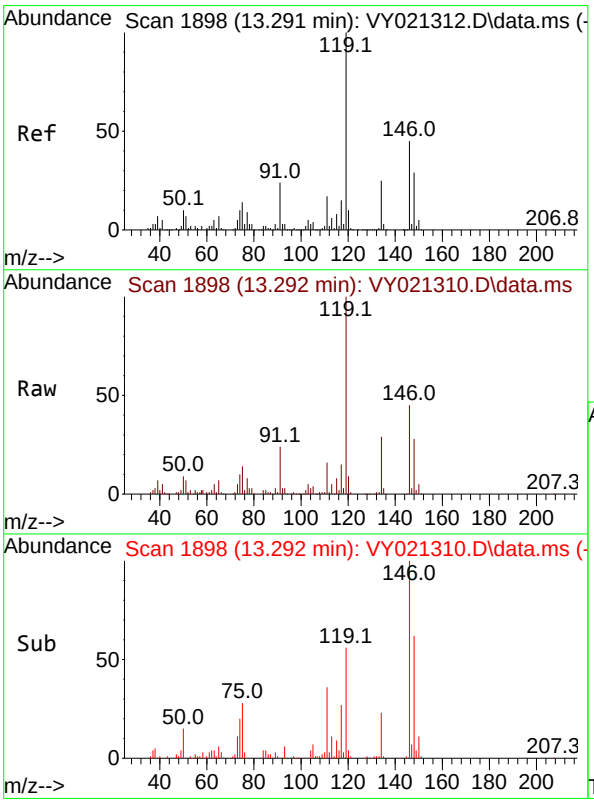
#85
sec-Butylbenzene
Concen: 9.841 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:105 Resp: 100189

Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.0	30.0

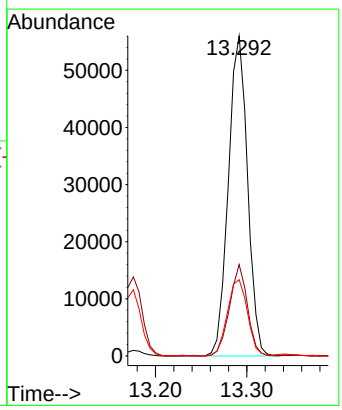


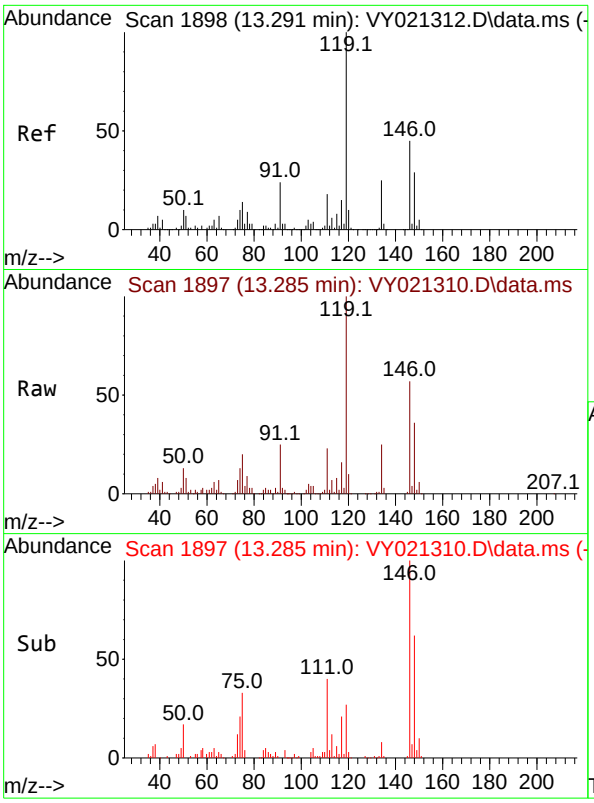


#86
p-Isopropyltoluene
Concen: 9.619 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:119 Resp: 81769

Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.0	38.9
91	25.1	12.0	36.1



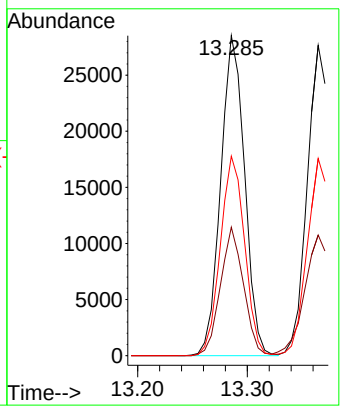


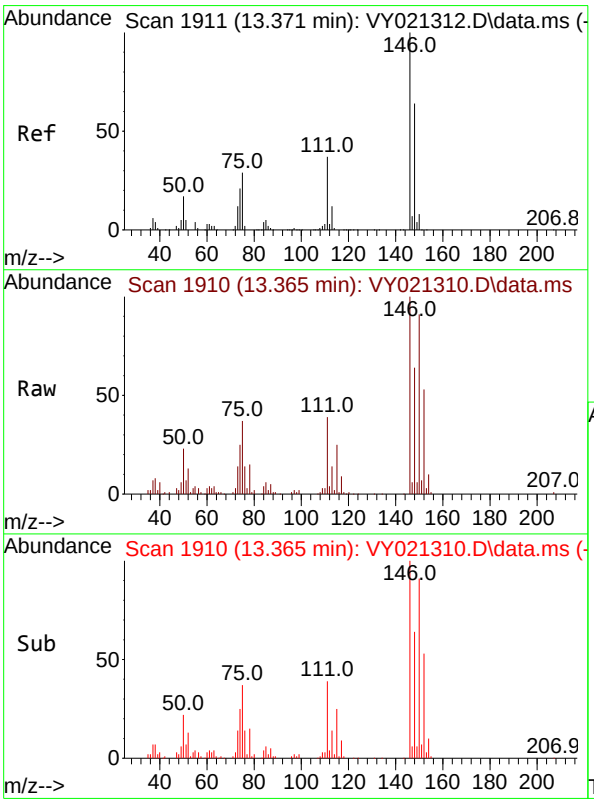
#87
1,3-Dichlorobenzene
Concen: 9.996 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:146 Resp: 43267

Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.0	59.9
148	63.2	31.9	95.9

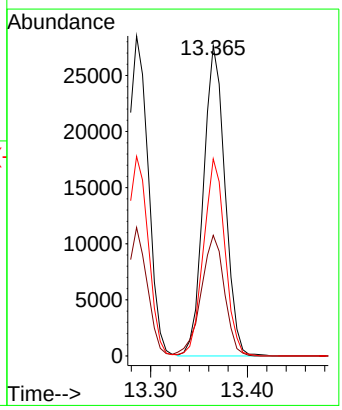


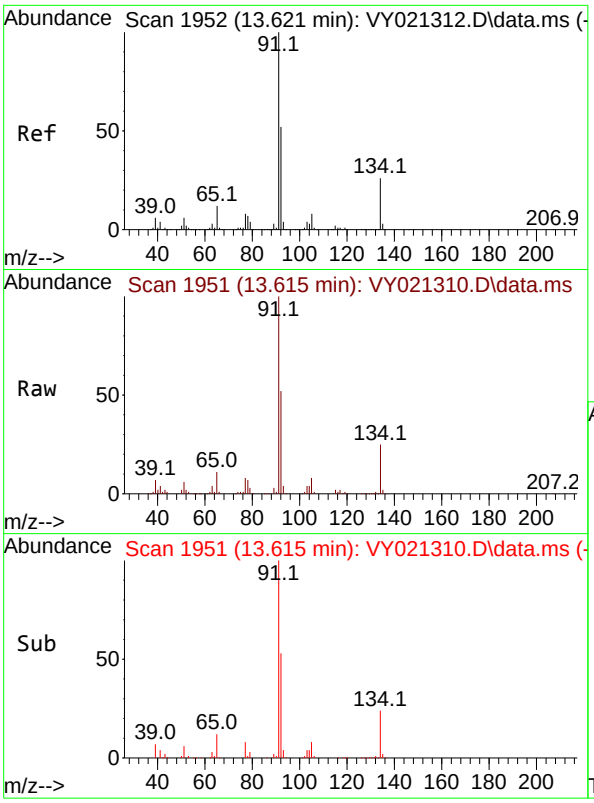


#88
1,4-Dichlorobenzene
Concen: 10.006 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:146 Resp: 42788

Ion	Ratio	Lower	Upper
146	100		
111	42.1	19.5	58.5
148	63.5	32.0	96.2



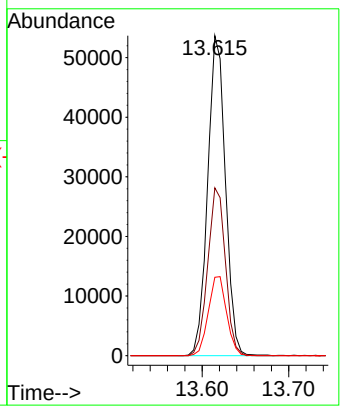


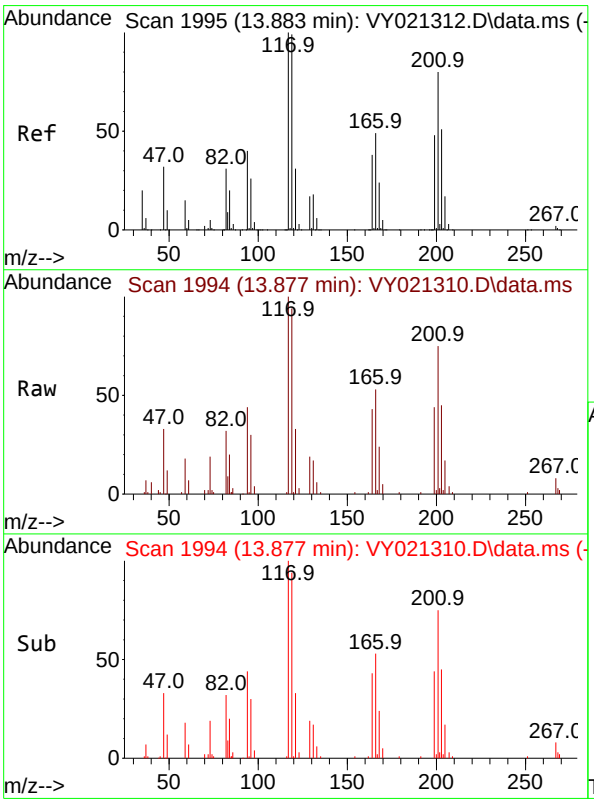
#89
n-Butylbenzene
Concen: 9.541 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 76325

Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.4	79.2
134	25.5	12.7	38.0

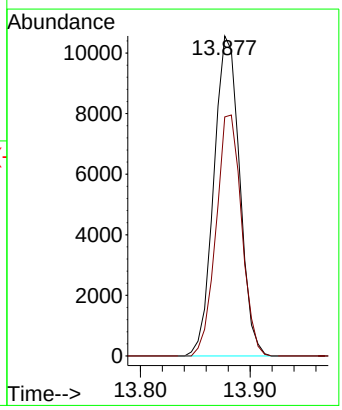


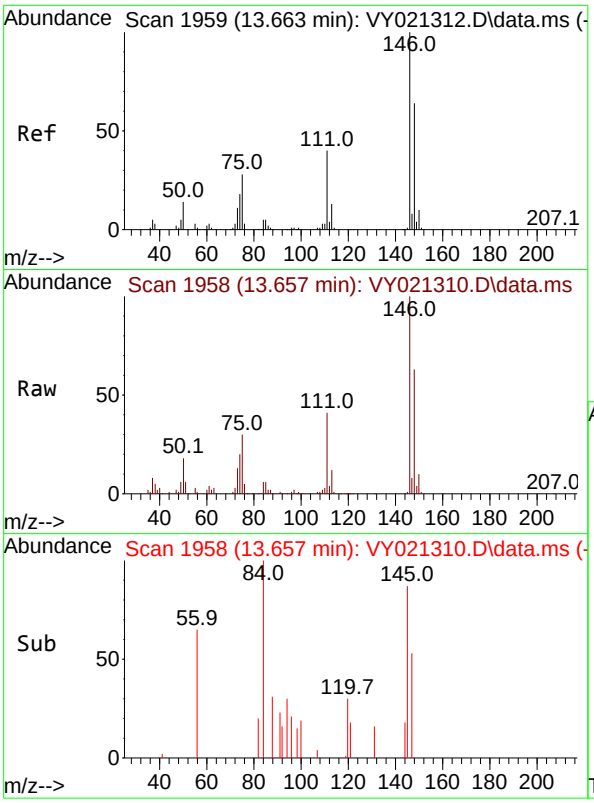


#90
Hexachloroethane
Concen: 9.721 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:117 Resp: 17261

Ion	Ratio	Lower	Upper
117	100		
201	74.6	38.4	115.2



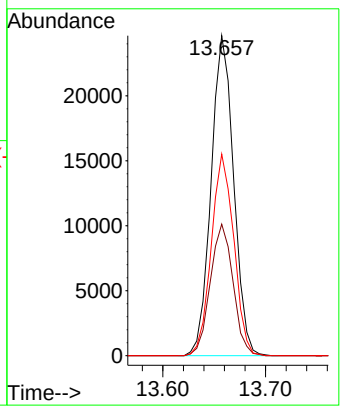


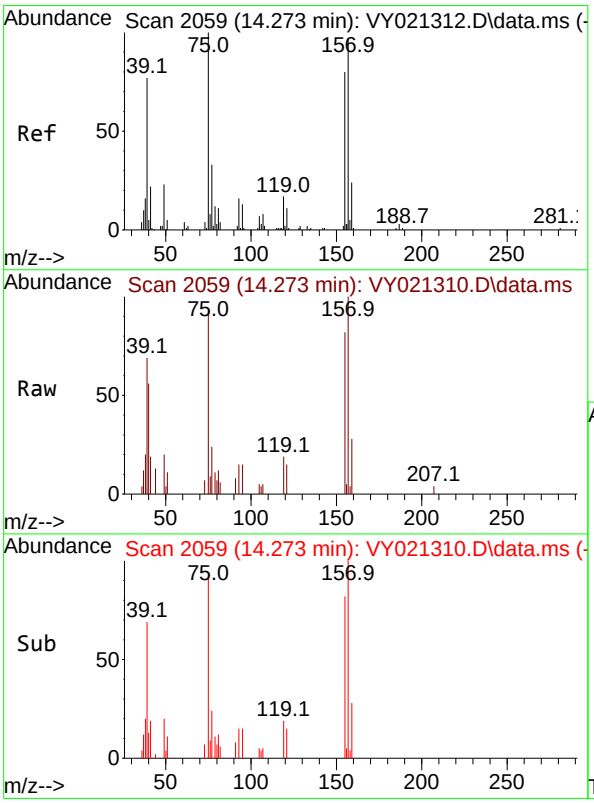
#91
1,2-Dichlorobenzene
Concen: 9.894 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:146 Resp: 37522

Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.7	62.1
148	62.8	31.7	95.1

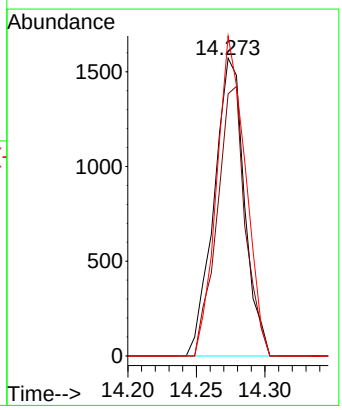


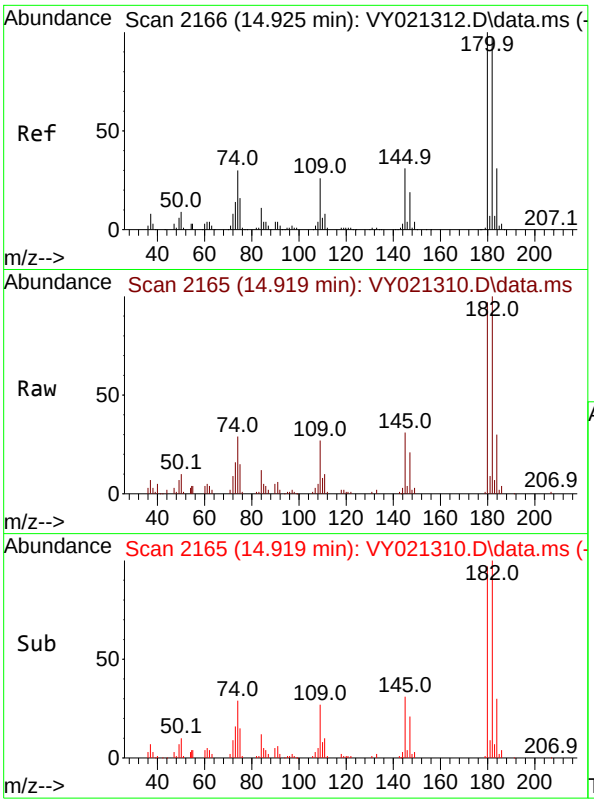


#92
1,2-Dibromo-3-Chloropropane
Concen: 9.229 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 75 Resp: 2424

Ion	Ratio	Lower	Upper
75	100		
155	84.3	41.9	125.6
157	101.6	52.5	157.6



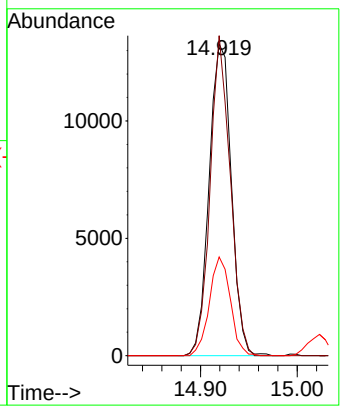


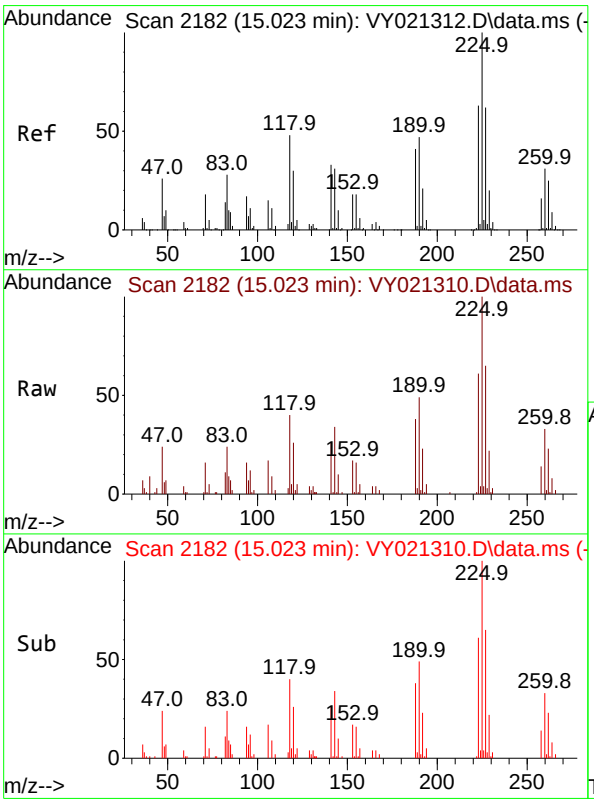
#93
1,2,4-Trichlorobenzene
Concen: 9.174 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:180 Resp: 21234

Ion	Ratio	Lower	Upper
180	100		
182	92.7	47.9	143.7
145	29.9	15.6	46.8

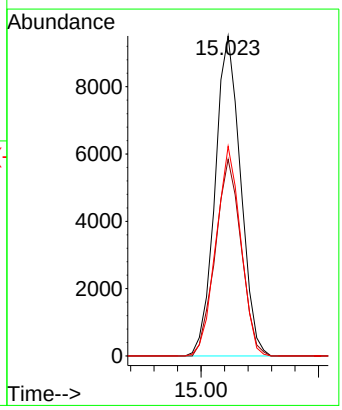


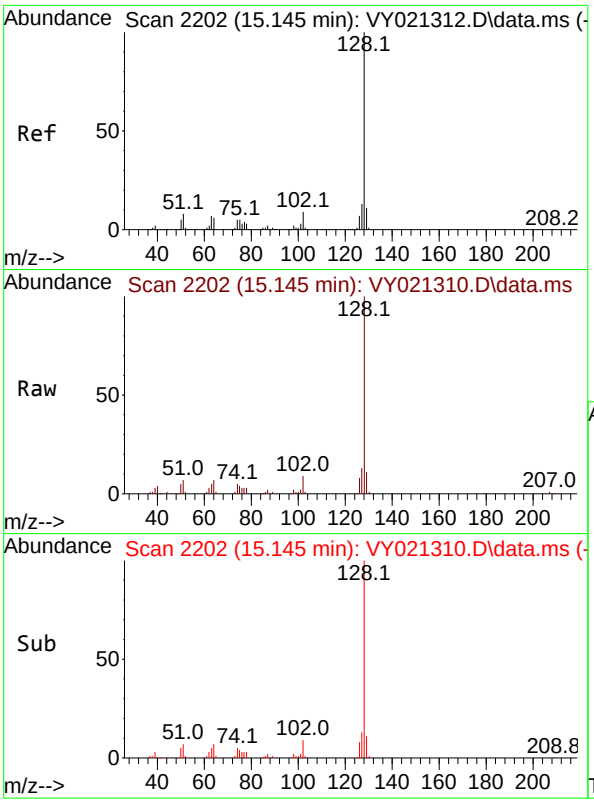


#94
Hexachlorobutadiene
Concen: 9.845 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:225 Resp: 14346

Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.8	95.4
227	63.4	31.9	95.7



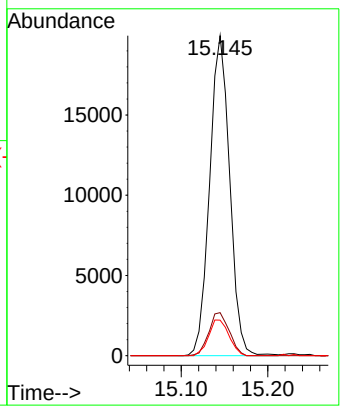


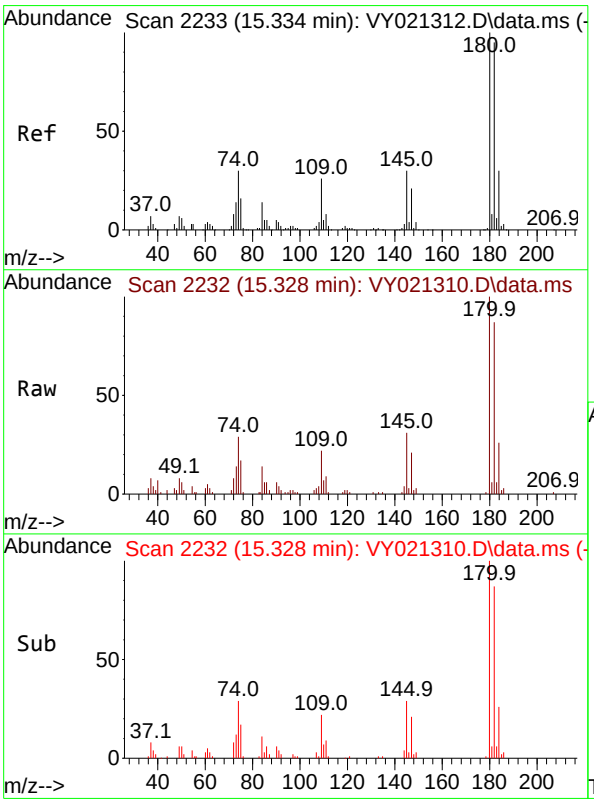
#95
Naphthalene
Concen: 8.371 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:128 Resp: 32094

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.5	15.7
129	11.4	8.5	12.7

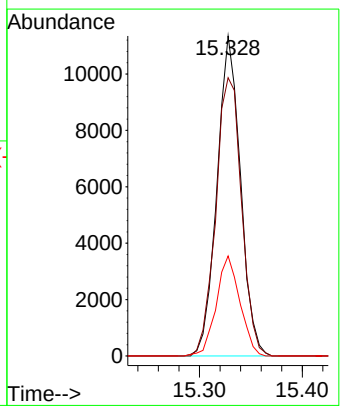




#96
1,2,3-Trichlorobenzene
Concen: 9.195 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:180 Resp: 17983

Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.3	144.9
145	31.4	16.1	48.3



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021311.D
Acq On : 25 Feb 2025 13:26
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Quant Time: Feb 26 01:44:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	188363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	293434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	258896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	130546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	41320	19.337	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	38.680%#		
35) Dibromofluoromethane	7.634	113	37265	19.371	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	38.740%#		
50) Toluene-d8	10.103	98	144409	19.423	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	38.840%#		
62) 4-Bromofluorobenzene	12.408	95	47417	18.950	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	37.900%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	32511	18.204	ug/l	96
3) Chloromethane	2.068	50	42633	18.484	ug/l	97
4) Vinyl Chloride	2.202	62	41719	18.429	ug/l	100
5) Bromomethane	2.586	94	27198	18.079	ug/l	98
6) Chloroethane	2.726	64	26161	18.635	ug/l	99
7) Trichlorofluoromethane	3.056	101	63170	18.477	ug/l	95
8) Diethyl Ether	3.452	74	19564	19.066	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	37017	18.701	ug/l	99
10) Methyl Iodide	4.001	142	36945	17.741	ug/l	99
11) Tert butyl alcohol	4.860	59	15935	96.952	ug/l	96
12) 1,1-Dichloroethene	3.787	96	34827	18.376	ug/l	98
13) Acrolein	3.647	56	22079	175.300	ug/l	100
14) Allyl chloride	4.379	41	61887	18.417	ug/l	98
15) Acrylonitrile	5.061	53	43763	96.460	ug/l	99
16) Acetone	3.866	43	35506	86.623	ug/l	96
17) Carbon Disulfide	4.104	76	116030	18.437	ug/l	99
18) Methyl Acetate	4.379	43	19534	19.500	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	95488	19.069	ug/l	97
20) Methylene Chloride	4.616	84	40630	18.331	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	38218	18.317	ug/l	98
22) Diisopropyl ether	6.019	45	132039	18.989	ug/l	97
23) Vinyl Acetate	5.958	43	393629	94.730	ug/l	99
24) 1,1-Dichloroethane	5.909	63	72428	18.480	ug/l	99
25) 2-Butanone	6.890	43	58941	95.278	ug/l	98
26) 2,2-Dichloropropane	6.884	77	63686	17.908	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	44297	18.592	ug/l	98
28) Bromochloromethane	7.244	49	32987	19.022	ug/l	99
29) Tetrahydrofuran	7.256	42	39775	98.365	ug/l	98
30) Chloroform	7.421	83	73639	18.543	ug/l	96
31) Cyclohexane	7.701	56	68531	18.191	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	67011	18.538	ug/l	98
36) 1,1-Dichloropropene	7.835	75	53995	18.685	ug/l	100
37) Ethyl Acetate	6.982	43	27188	18.914	ug/l	98
38) Carbon Tetrachloride	7.817	117	59733	18.387	ug/l	98
39) Methylcyclohexane	9.103	83	68516	18.746	ug/l	98
40) Benzene	8.079	78	159536	18.676	ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021311.D
Acq On : 25 Feb 2025 13:26
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Quant Time: Feb 26 01:44:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	14108	17.554	ug/l		92
42) 1,2-Dichloroethane	8.152	62	46152	19.043	ug/l		99
43) Isopropyl Acetate	8.195	43	54484	19.583	ug/l		98
44) Trichloroethene	8.866	130	40005	18.706	ug/l		93
45) 1,2-Dichloropropane	9.140	63	38611	18.782	ug/l		100
46) Dibromomethane	9.231	93	21421	19.063	ug/l		99
47) Bromodichloromethane	9.420	83	56033	18.701	ug/l		98
48) Methyl methacrylate	9.219	41	24461	18.801	ug/l		97
49) 1,4-Dioxane	9.225	88	5308	424.825	ug/l		90
51) 4-Methyl-2-Pentanone	10.000	43	140187	98.430	ug/l		100
52) Toluene	10.170	92	100050	18.854	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	50957	18.563	ug/l		100
54) cis-1,3-Dichloropropene	9.853	75	61967	19.122	ug/l		99
55) 1,1,2-Trichloroethane	10.567	97	27942	19.088	ug/l		99
56) Ethyl methacrylate	10.438	69	36997	18.291	ug/l		95
57) 1,3-Dichloropropane	10.713	76	49499	19.270	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.707	63	93377	96.179	ug/l		100
59) 2-Hexanone	10.762	43	90882	97.163	ug/l		100
60) Dibromochloromethane	10.908	129	37808	18.964	ug/l		99
61) 1,2-Dibromoethane	11.012	107	26519	19.135	ug/l		99
64) Tetrachloroethene	10.646	164	36387	18.595	ug/l		97
65) Chlorobenzene	11.438	112	107621	18.519	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.511	131	37487	18.422	ug/l		99
67) Ethyl Benzene	11.518	91	189052	18.366	ug/l		99
68) m/p-Xylenes	11.627	106	144073	37.210	ug/l		99
69) o-Xylene	11.950	106	67060	18.488	ug/l		100
70) Styrene	11.969	104	113033	18.729	ug/l		99
71) Bromoform	12.133	173	21886	18.800	ug/l	#	99
73) Isopropylbenzene	12.255	105	179489	18.288	ug/l		99
74) N-amyl acetate	12.072	43	47224	18.930	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	32419	18.717	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	43143	32.817	ug/l	#	100
77) Bromobenzene	12.530	156	42078	18.433	ug/l		99
78) n-propylbenzene	12.597	91	220158	18.486	ug/l		100
79) 2-Chlorotoluene	12.676	91	125969	18.430	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	150004	18.635	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	10866	18.483	ug/l		99
82) 4-Chlorotoluene	12.780	91	130335	18.396	ug/l		100
83) tert-Butylbenzene	12.999	119	135829	18.681	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	149358	18.657	ug/l		99
85) sec-Butylbenzene	13.176	105	196335	18.486	ug/l		100
86) p-Isopropyltoluene	13.292	119	165127	18.620	ug/l		99
87) 1,3-Dichlorobenzene	13.286	146	83463	18.483	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	83179	18.646	ug/l		99
89) n-Butylbenzene	13.615	91	153032	18.337	ug/l		100
90) Hexachloroethane	13.877	117	33341	17.998	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	73513	18.581	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5181	18.908	ug/l		97
93) 1,2,4-Trichlorobenzene	14.919	180	42908	17.770	ug/l		99
94) Hexachlorobutadiene	15.023	225	27015	17.771	ug/l		99
95) Naphthalene	15.145	128	71044	17.763	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	36460	17.871	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021311.D
Acq On : 25 Feb 2025 13:26
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Quant Time: Feb 26 01:44:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

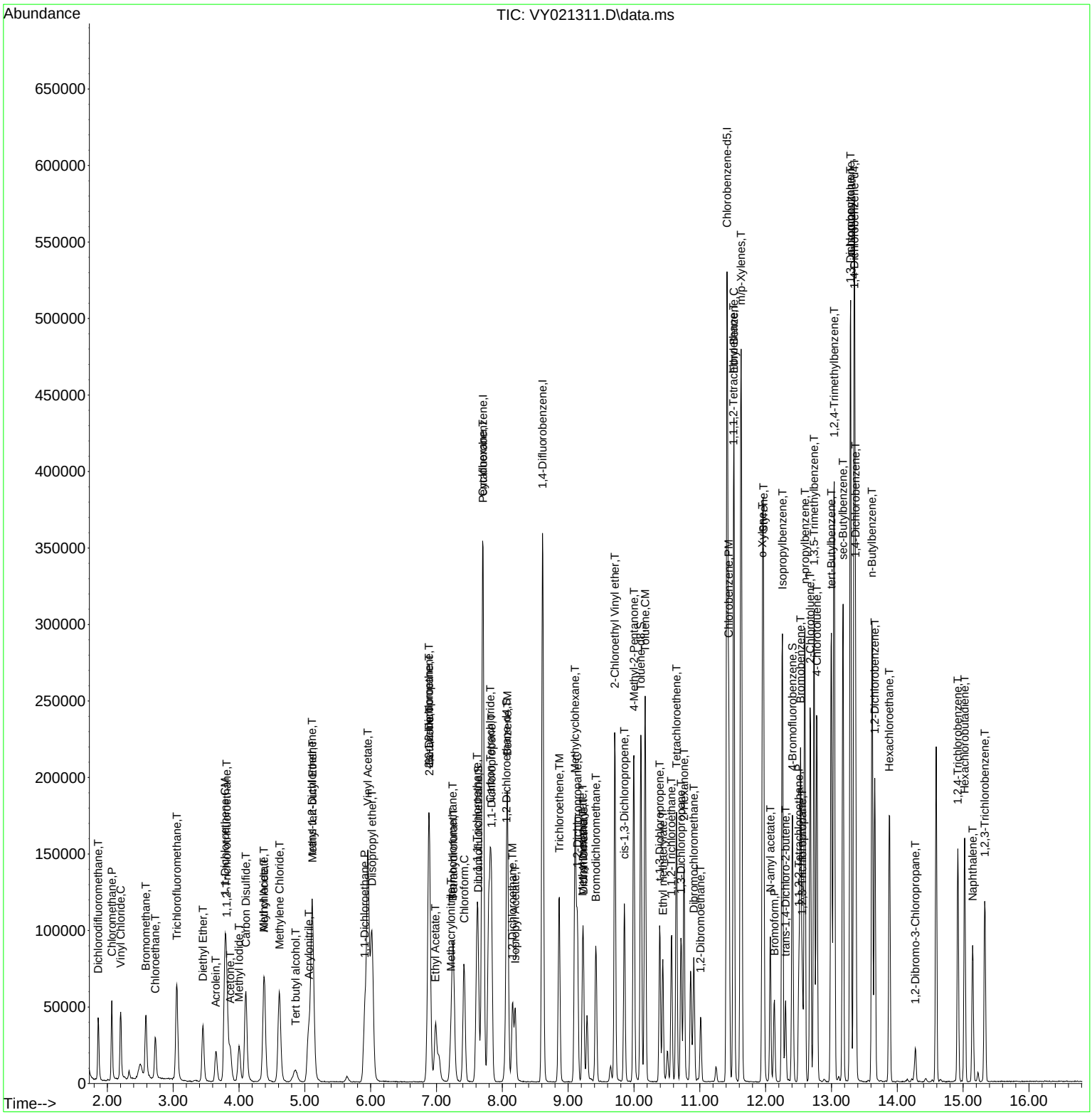
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

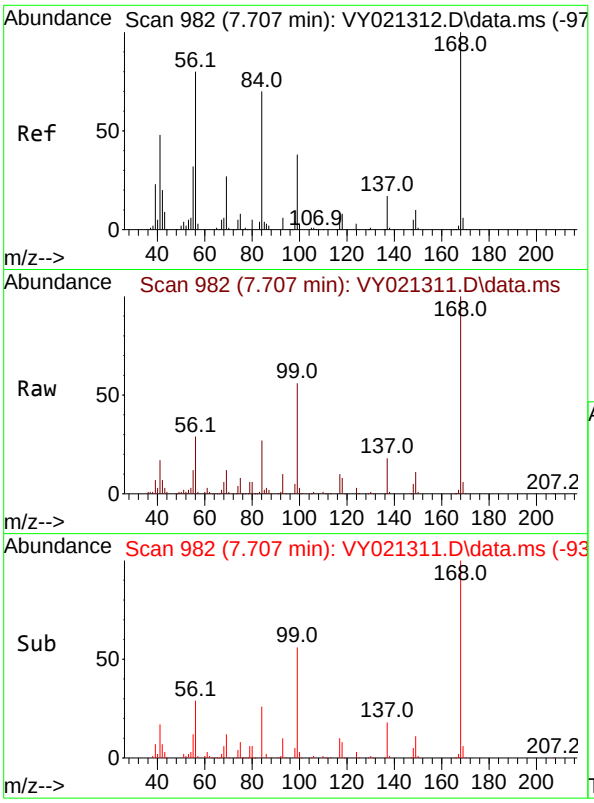
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021311.D
Acq On : 25 Feb 2025 13:26
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Quant Time: Feb 26 01:44:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration



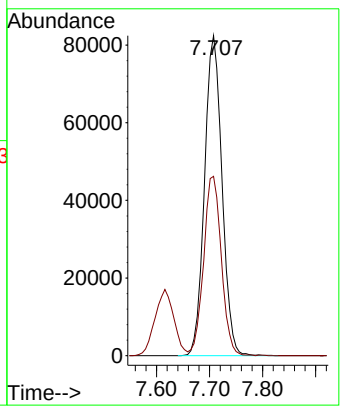


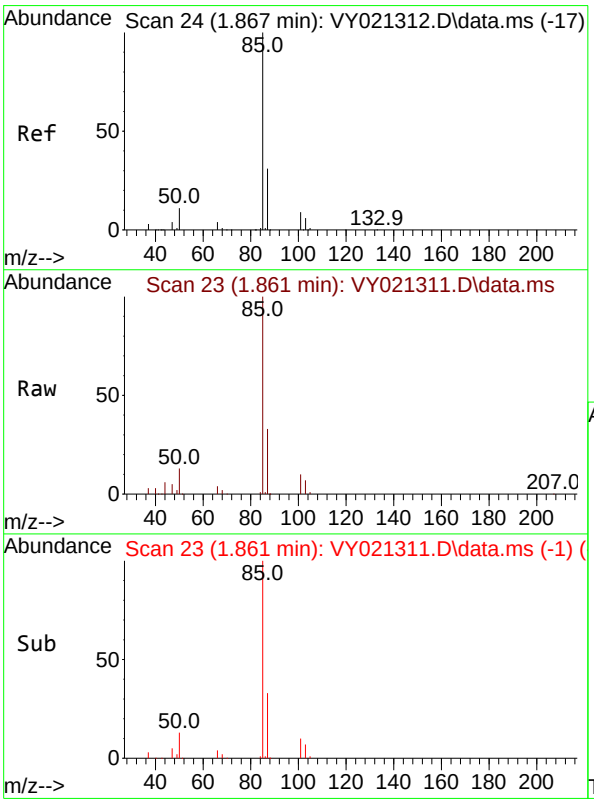
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:168 Resp: 188363

Ion	Ratio	Lower	Upper
168	100		
99	56.0	47.1	70.7

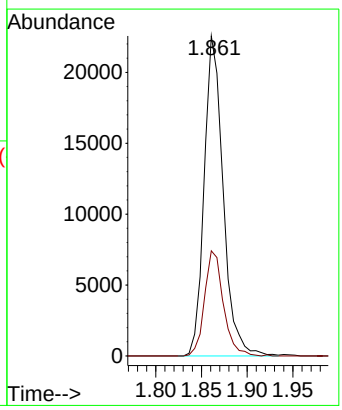


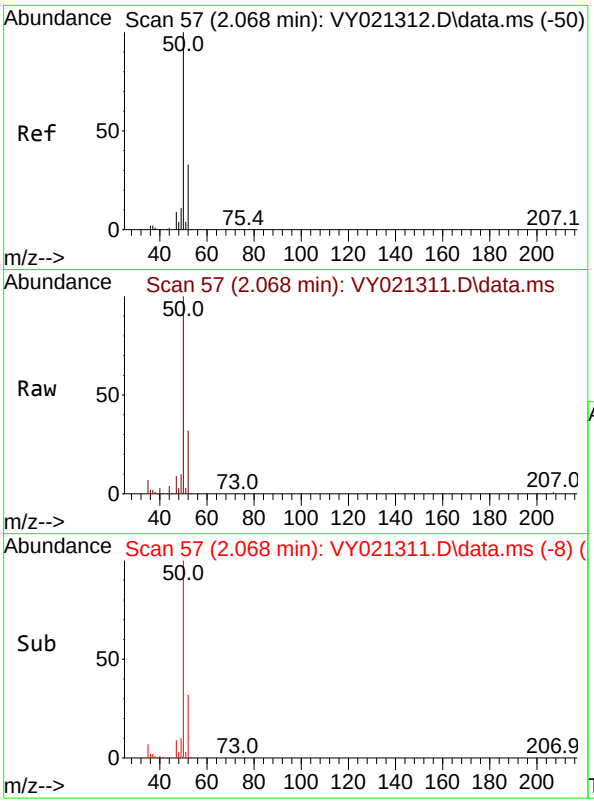


#2
Dichlorodifluoromethane
Concen: 18.204 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 85 Resp: 32511

Ion	Ratio	Lower	Upper
85	100		
87	32.9	15.4	46.4



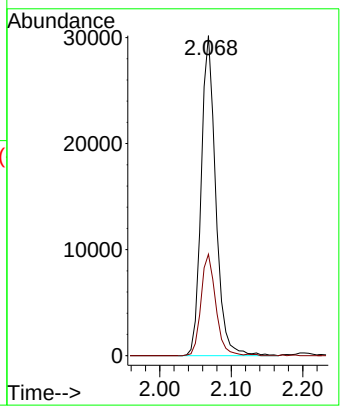


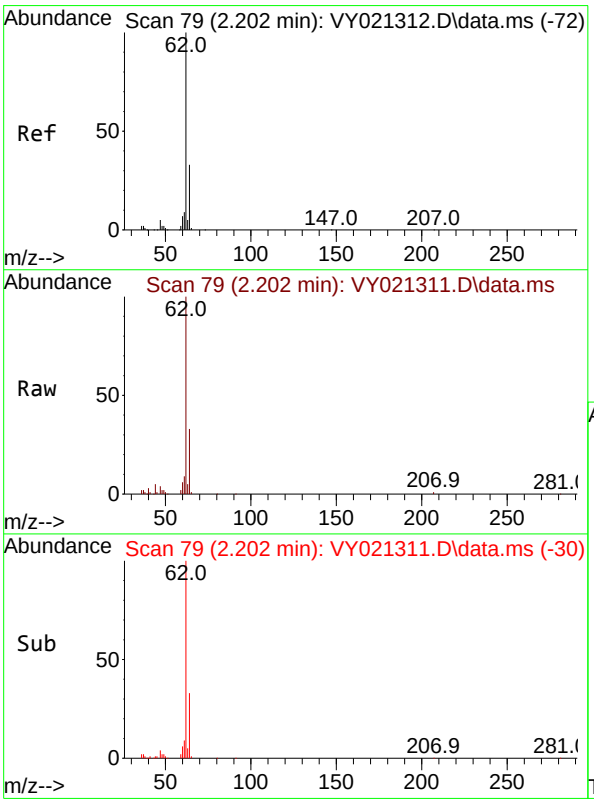
#3
Chloromethane
Concen: 18.484 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 42633

Ion	Ratio	Lower	Upper
50	100		
52	31.7	26.6	40.0

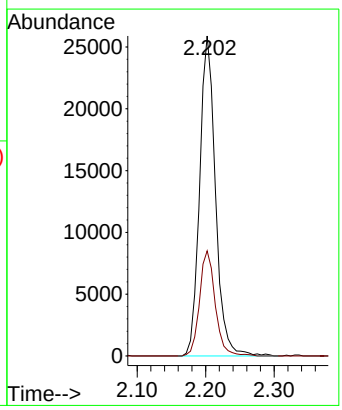


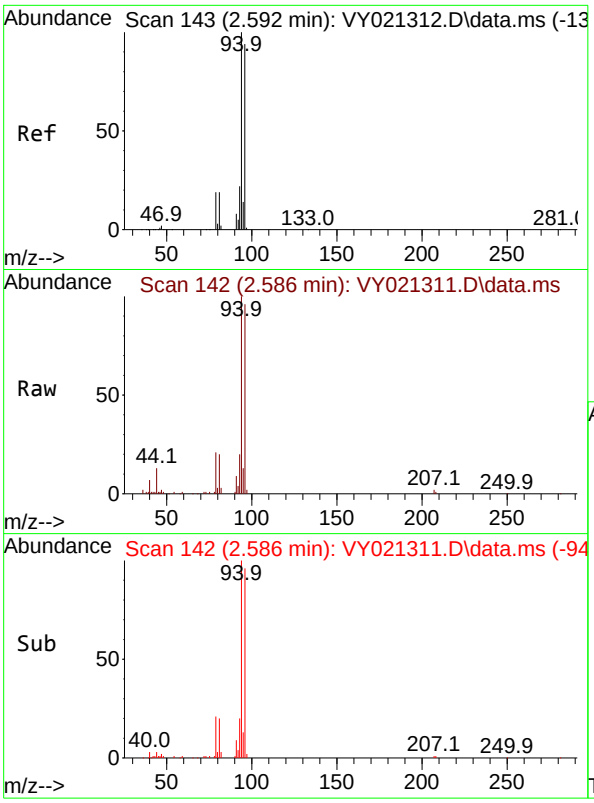


#4
Vinyl Chloride
Concen: 18.429 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 62 Resp: 41719

Ion	Ratio	Lower	Upper
62	100		
64	32.8	26.3	39.5



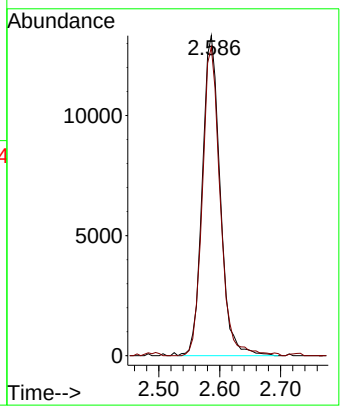


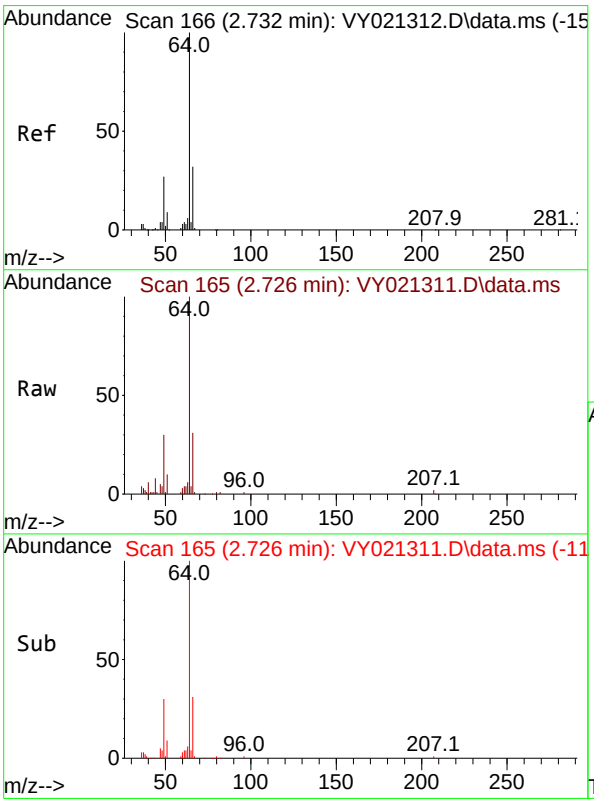
#5
Bromomethane
Concen: 18.079 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 27198

Ion	Ratio	Lower	Upper
94	100		
96	96.3	75.2	112.8

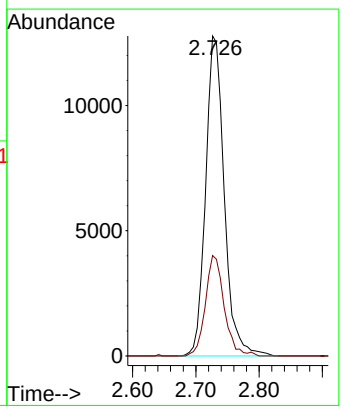


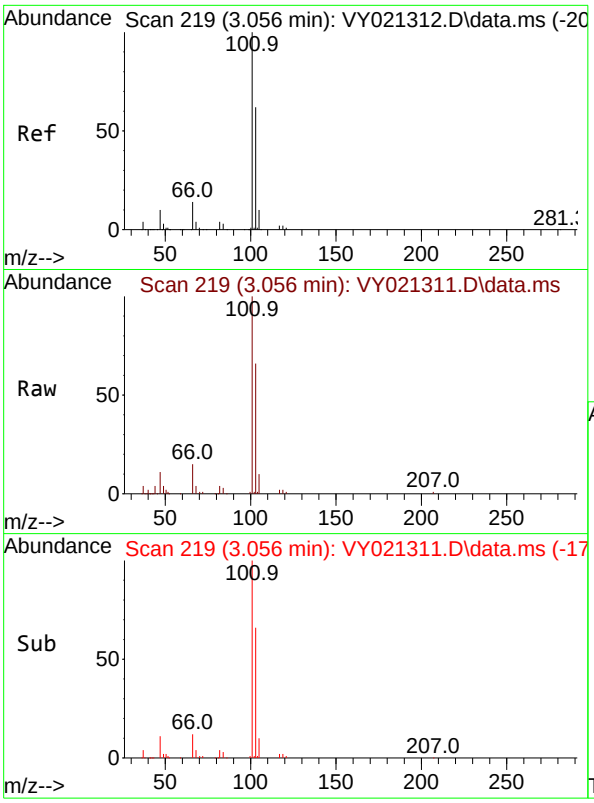


#6
Chloroethane
Concen: 18.635 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 64 Resp: 26161

Ion	Ratio	Lower	Upper
64	100		
66	31.4	25.4	38.0



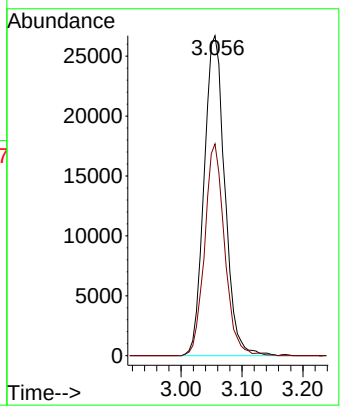


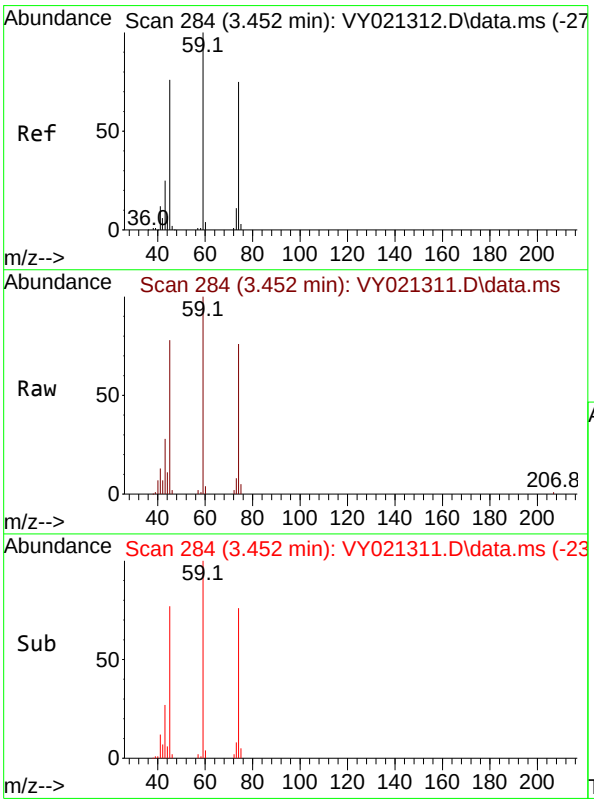
#7
Trichlorofluoromethane
Concen: 18.477 ug/l
RT: 3.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 63170

Ion	Ratio	Lower	Upper
101	100		
103	66.2	49.7	74.5

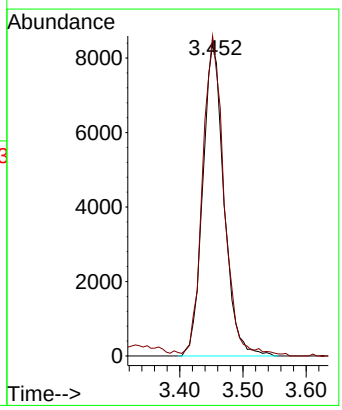


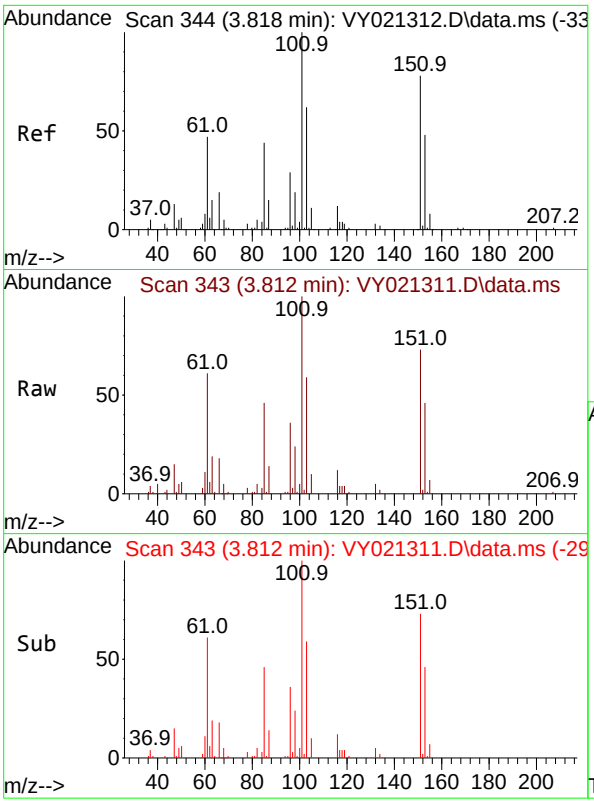


#8
Diethyl Ether
Concen: 19.066 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 74 Resp: 19564

Ion	Ratio	Lower	Upper
74	100		
45	104.3	50.3	150.9



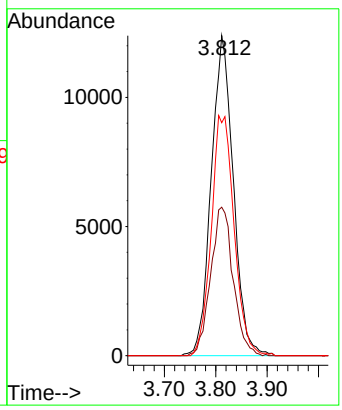


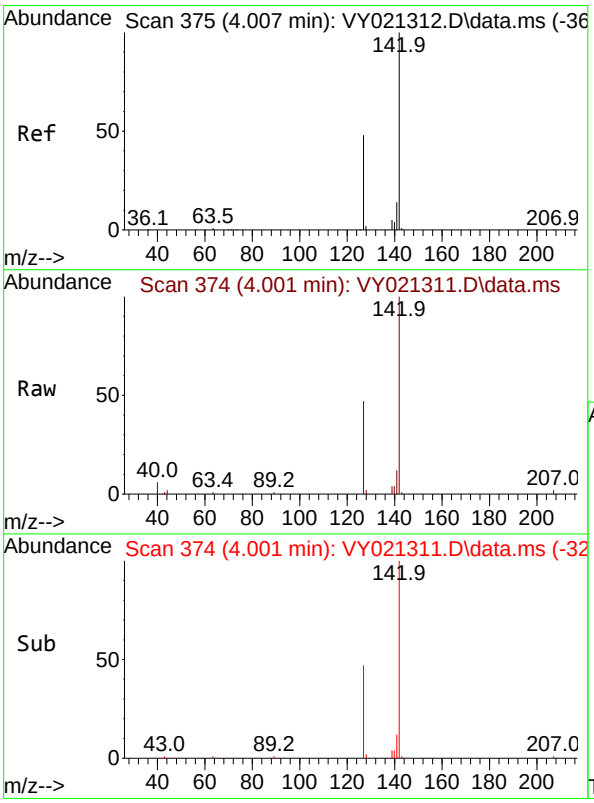
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.701 ug/l
RT: 3.812 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 37017

Ion	Ratio	Lower	Upper
101	100		
85	47.3	36.7	55.1
151	77.8	62.6	94.0

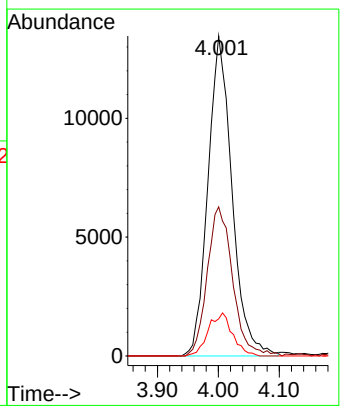


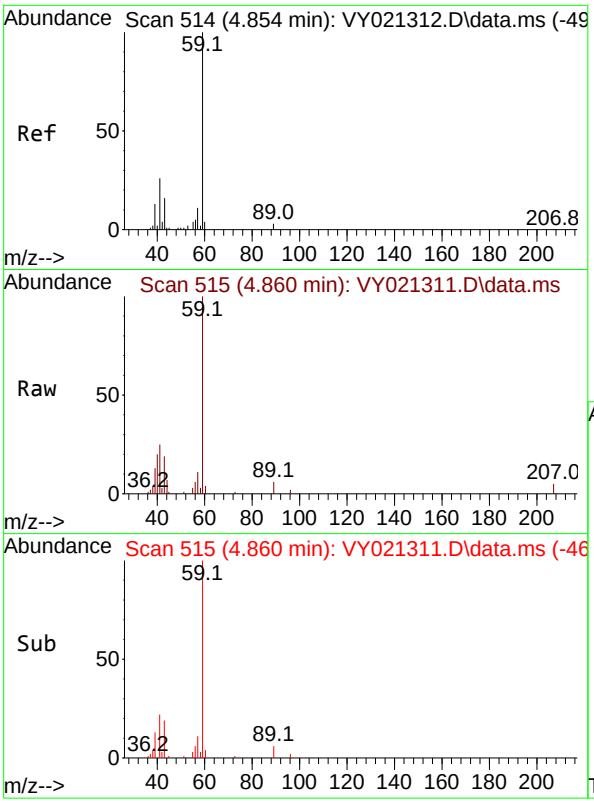


#10
Methyl Iodide
Concen: 17.741 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:142 Resp: 36945

Ion	Ratio	Lower	Upper
142	100		
127	49.1	39.2	58.8
141	13.5	11.4	17.2



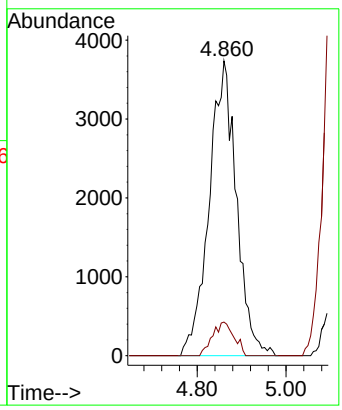


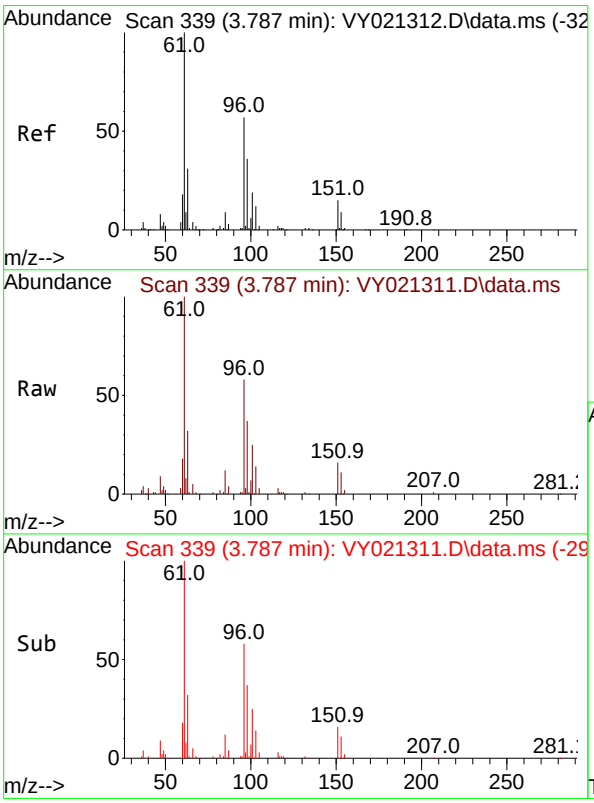
#11
Tert butyl alcohol
Concen: 96.952 ug/l
RT: 4.860 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 15935

Ion	Ratio	Lower	Upper
59	100		
57	8.9	8.3	12.5

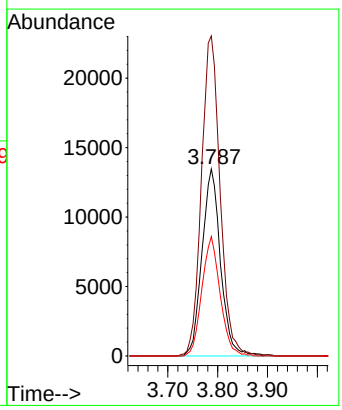


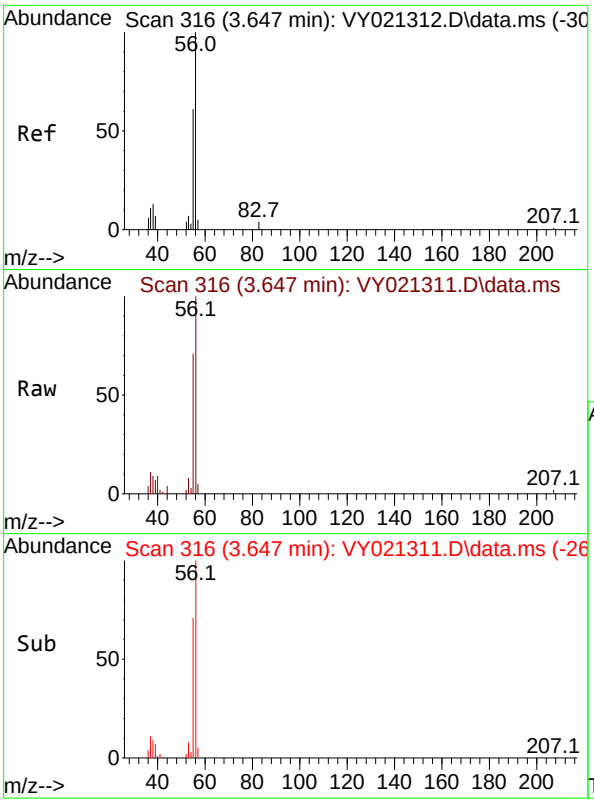


#12
1,1-Dichloroethene
Concen: 18.376 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 96 Resp: 34827

Ion	Ratio	Lower	Upper
96	100		
61	171.1	139.7	209.5
98	63.8	49.7	74.5



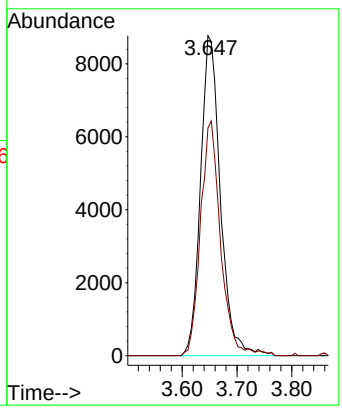


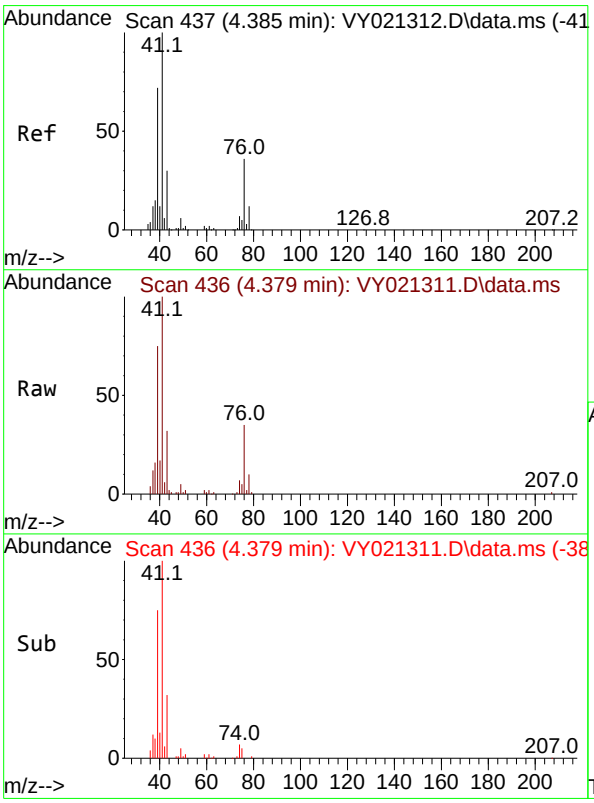
#13
Acrolein
Concen: 175.300 ug/l
RT: 3.647 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 22079

Ion	Ratio	Lower	Upper
56	100		
55	74.0	59.0	88.6

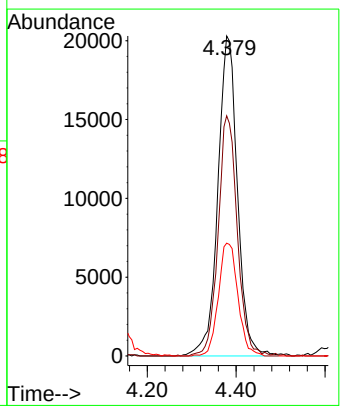


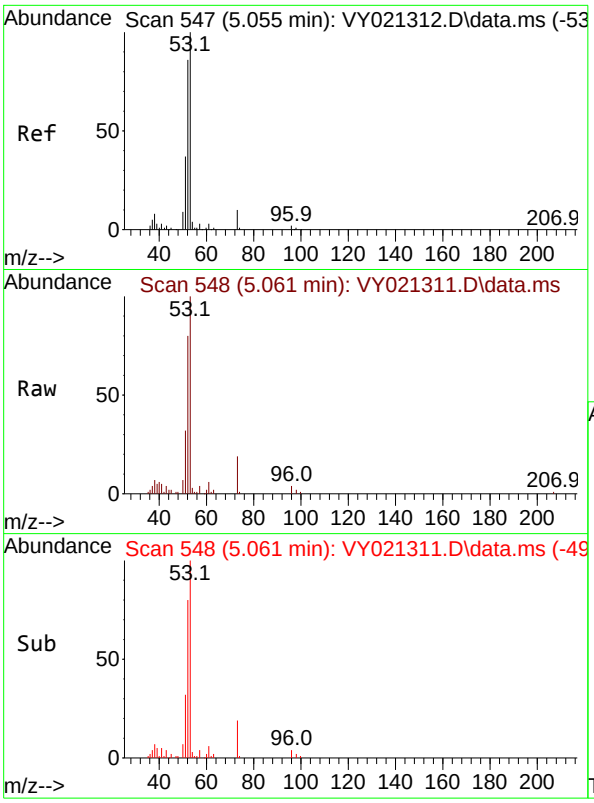


#14
Allyl chloride
Concen: 18.417 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 41 Resp: 61887

Ion	Ratio	Lower	Upper
41	100		
39	73.3	60.0	90.0
76	35.2	29.0	43.6



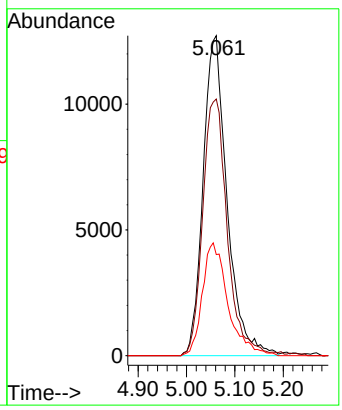


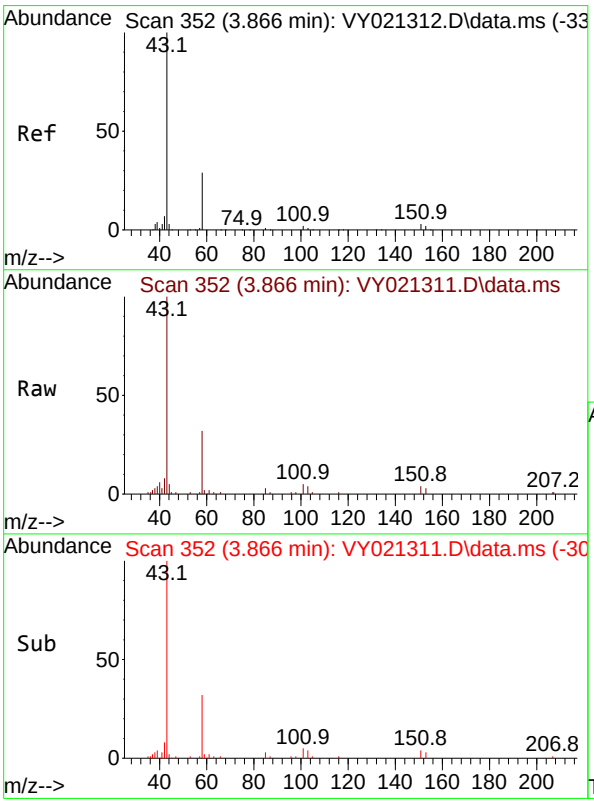
#15
Acrylonitrile
Concen: 96.460 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 43763

Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.5	98.3
51	37.8	30.6	46.0

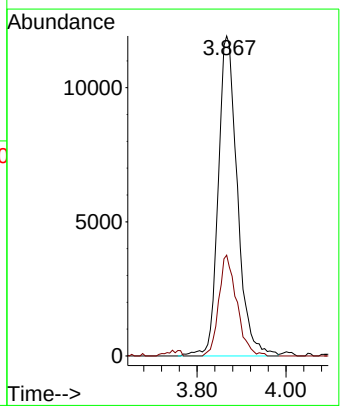


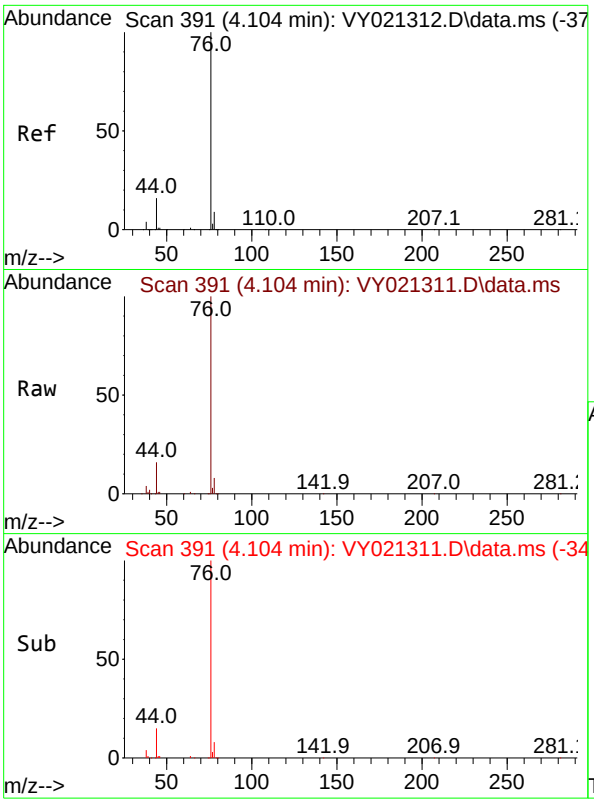


#16
Acetone
Concen: 86.623 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 43 Resp: 35506

Ion	Ratio	Lower	Upper
43	100		
58	31.5	23.5	35.3



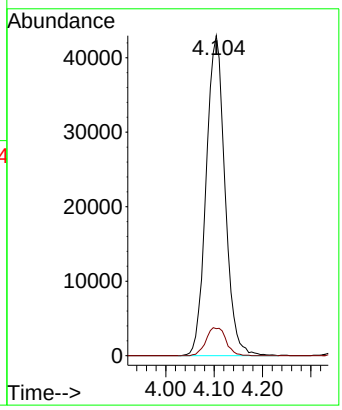


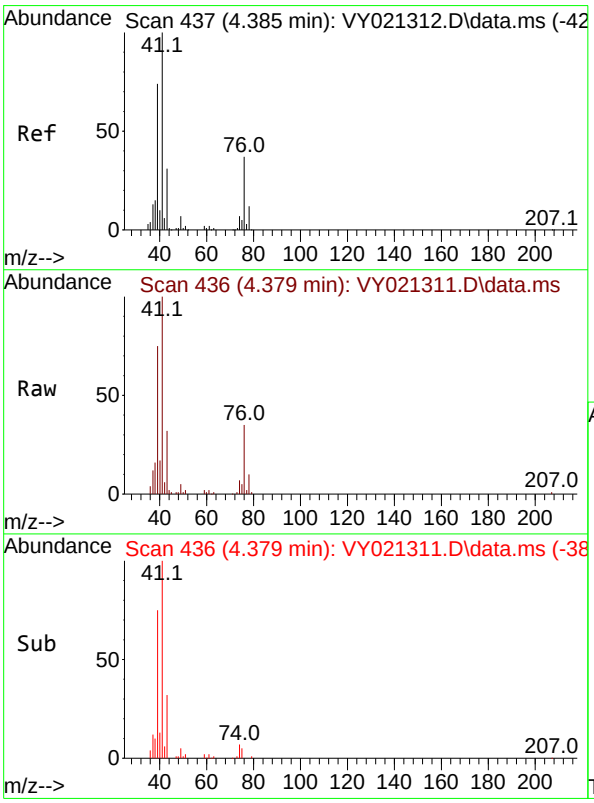
#17
Carbon Disulfide
Concen: 18.437 ug/l
RT: 4.104 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 116030

Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.1	10.7

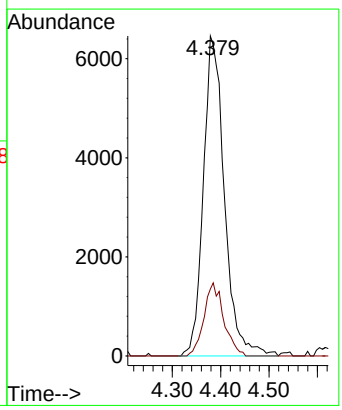


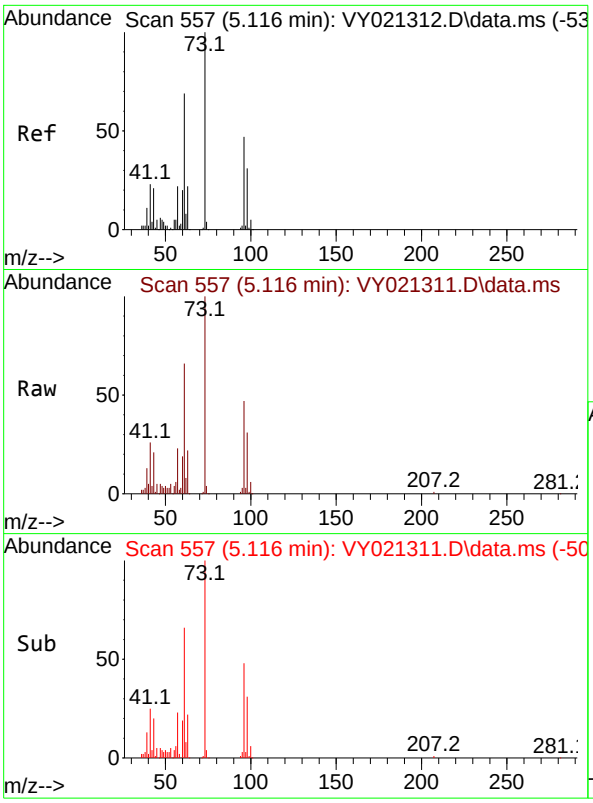


#18
Methyl Acetate
Concen: 19.500 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 43 Resp: 19534

Ion	Ratio	Lower	Upper
43	100		
74	21.4	17.7	26.5



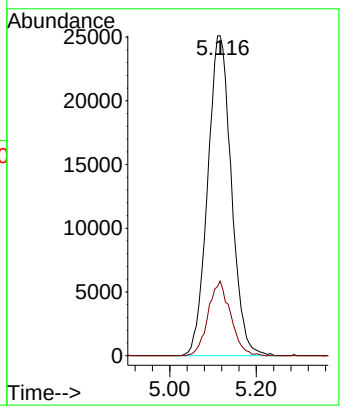


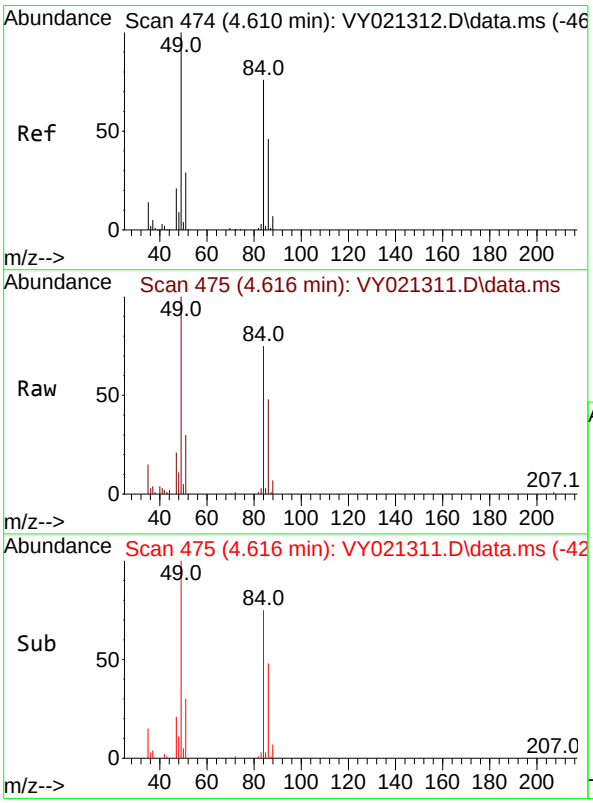
#19
Methyl tert-butyl Ether
Concen: 19.069 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 95488

Ion	Ratio	Lower	Upper
73	100		
57	23.3	17.4	26.0

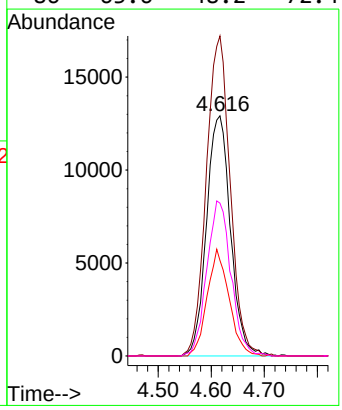


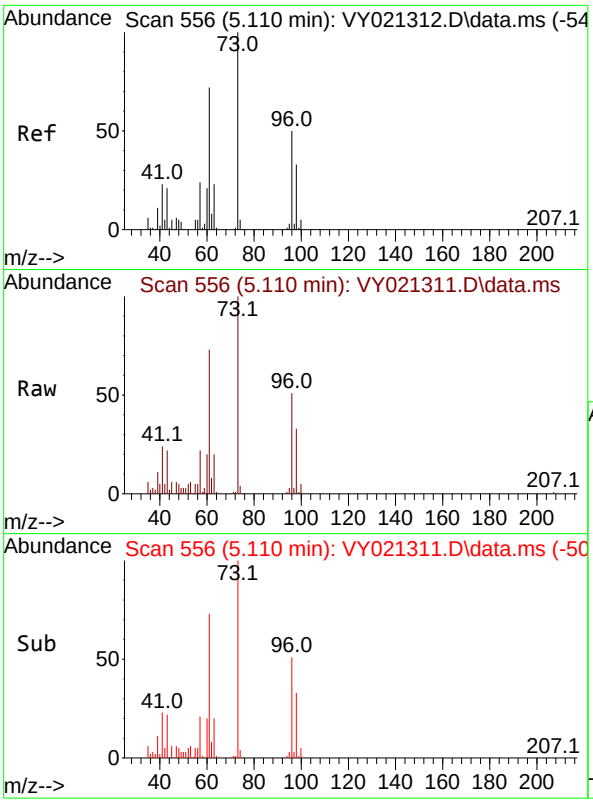


#20
Methylene Chloride
Concen: 18.331 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 84 Resp: 40630

Ion	Ratio	Lower	Upper
84	100		
49	133.3	105.1	157.7
51	39.8	31.0	46.4
86	63.6	48.2	72.4



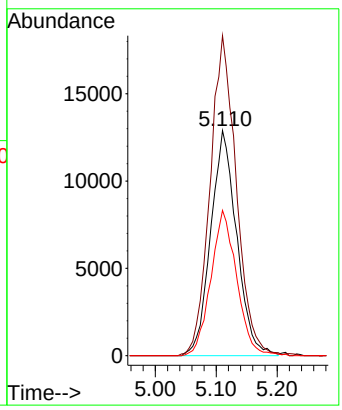


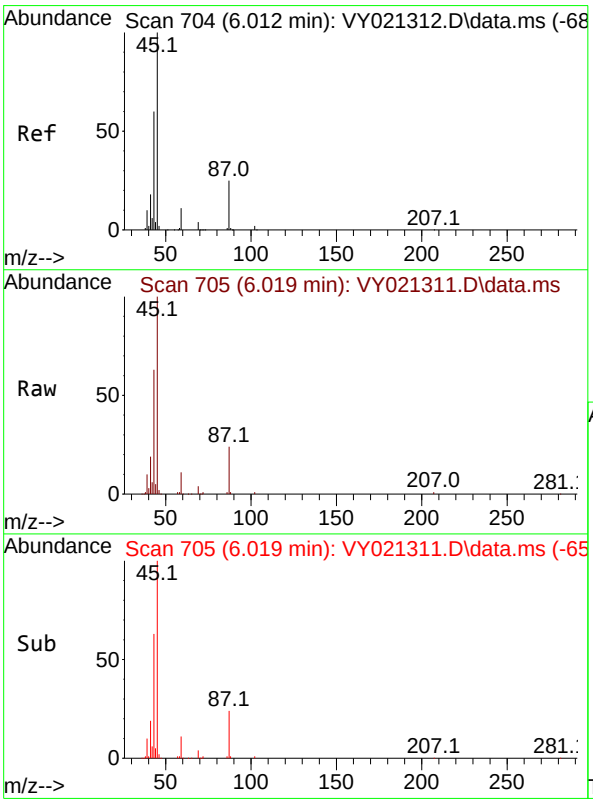
#21
trans-1,2-Dichloroethene
Concen: 18.317 ug/l
RT: 5.110 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 38218

Ion	Ratio	Lower	Upper
96	100		
61	142.1	116.3	174.5
98	64.5	52.6	78.8

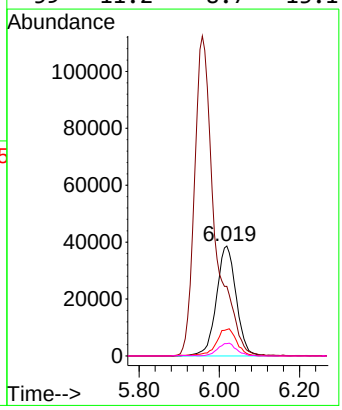


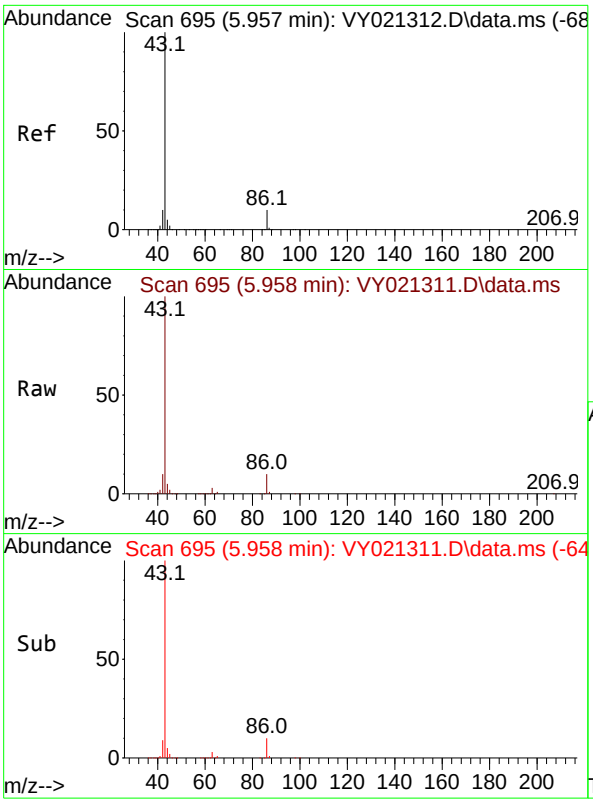


#22
Diisopropyl ether
Concen: 18.989 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 45 Resp: 132039

Ion	Ratio	Lower	Upper
45	100		
43	62.7	48.2	72.4
87	24.1	20.3	30.5
59	11.2	8.7	13.1



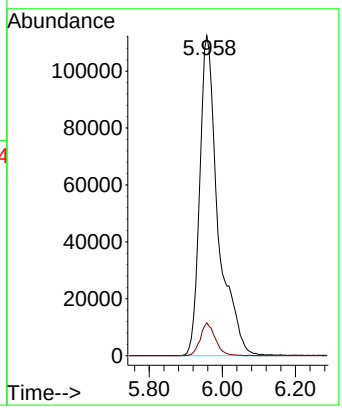


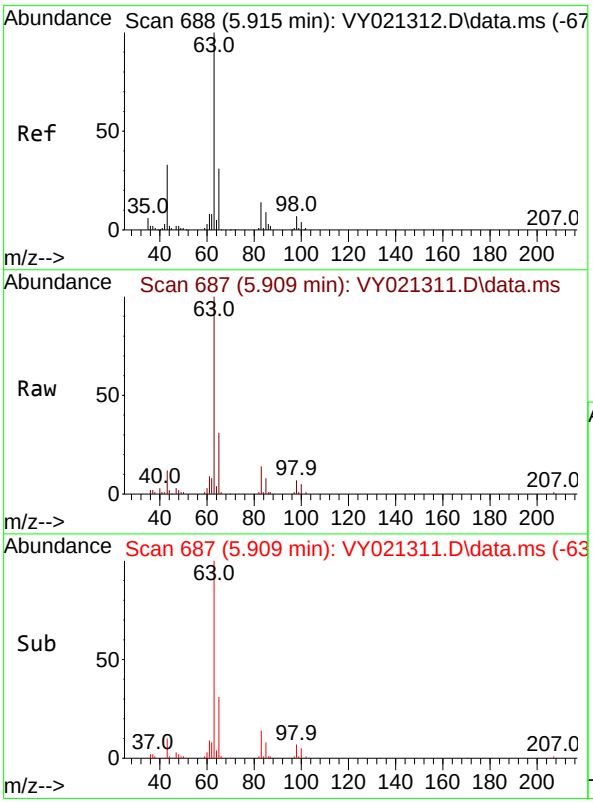
#23
Vinyl Acetate
Concen: 94.730 ug/l
RT: 5.958 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 393629

Ion	Ratio	Lower	Upper
43	100		
86	10.2	8.0	12.0

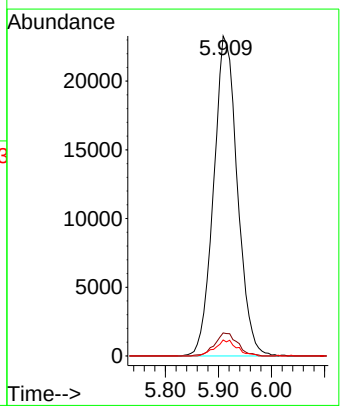


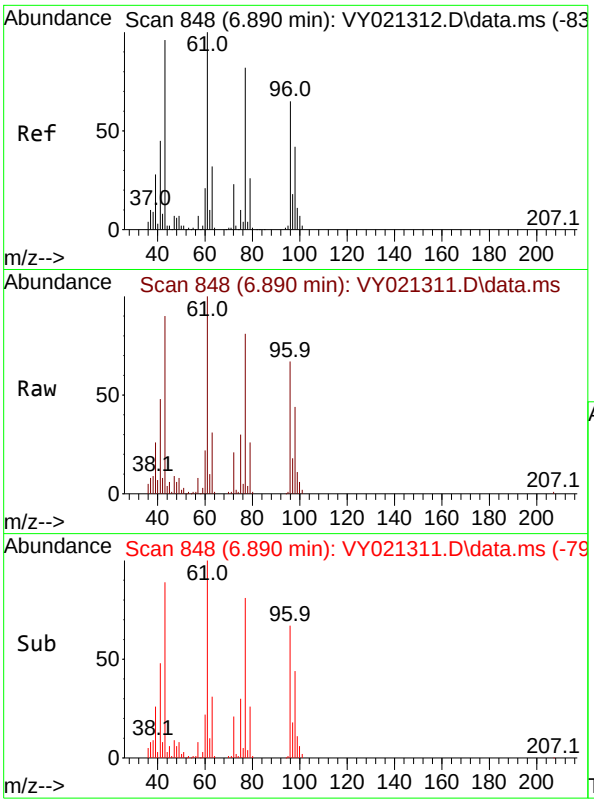


#24
1,1-Dichloroethane
Concen: 18.480 ug/l
RT: 5.909 min Scan# 687
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 63 Resp: 72428

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.7	11.1
100	5.0	2.1	6.5



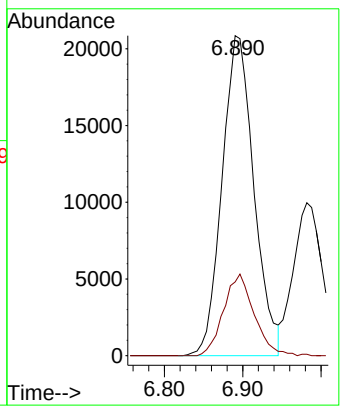


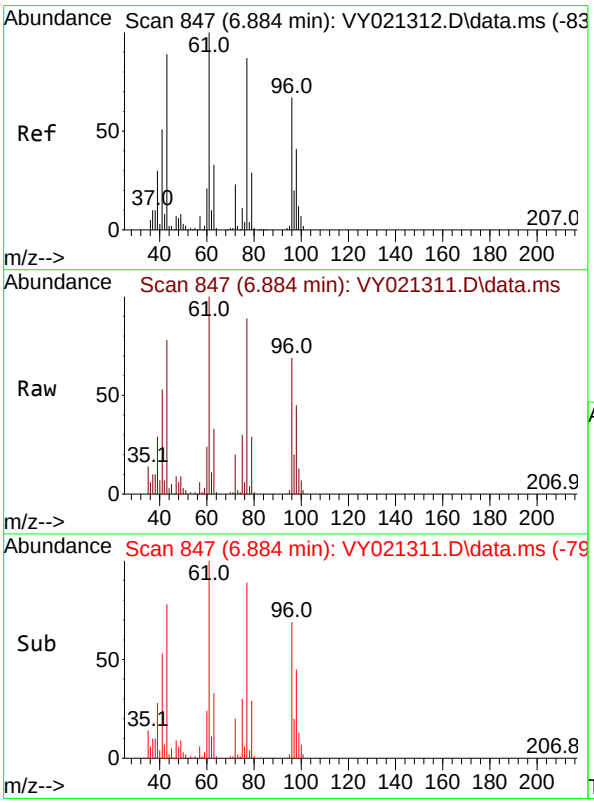
#25
2-Butanone
Concen: 95.278 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 58941

Ion	Ratio	Lower	Upper
43	100		
72	23.0	19.0	28.6

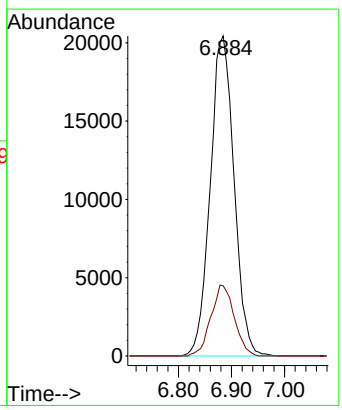


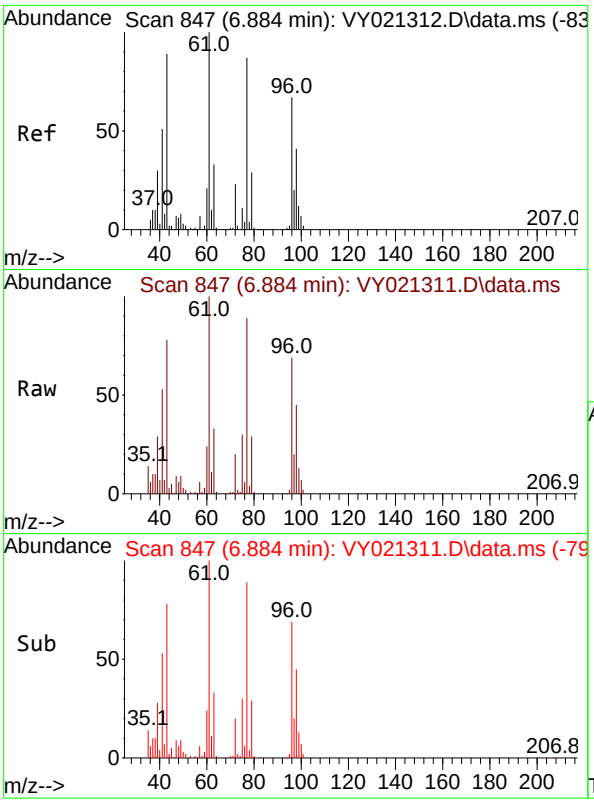


#26
2,2-Dichloropropane
Concen: 17.908 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 77 Resp: 63686

Ion	Ratio	Lower	Upper
77	100		
97	21.7	10.9	32.7



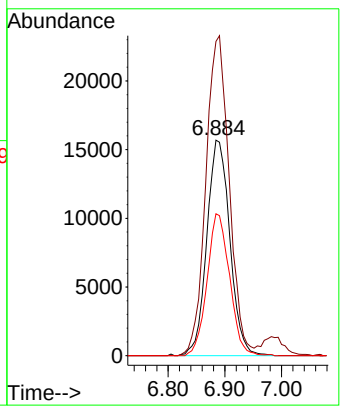


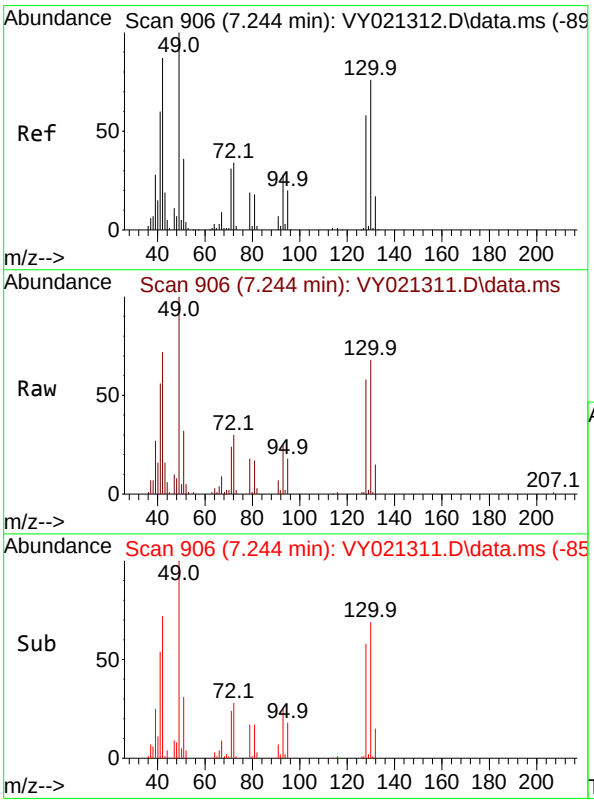
#27
cis-1,2-Dichloroethene
Concen: 18.592 ug/l
RT: 6.884 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 44297

Ion	Ratio	Lower	Upper
96	100		
61	150.5	0.0	308.0
98	64.3	0.0	129.6

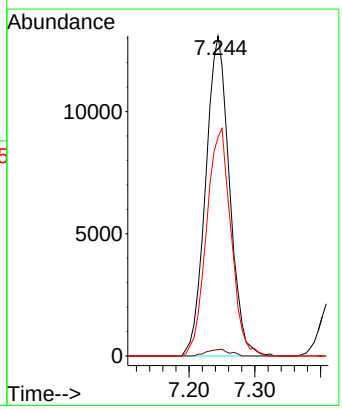


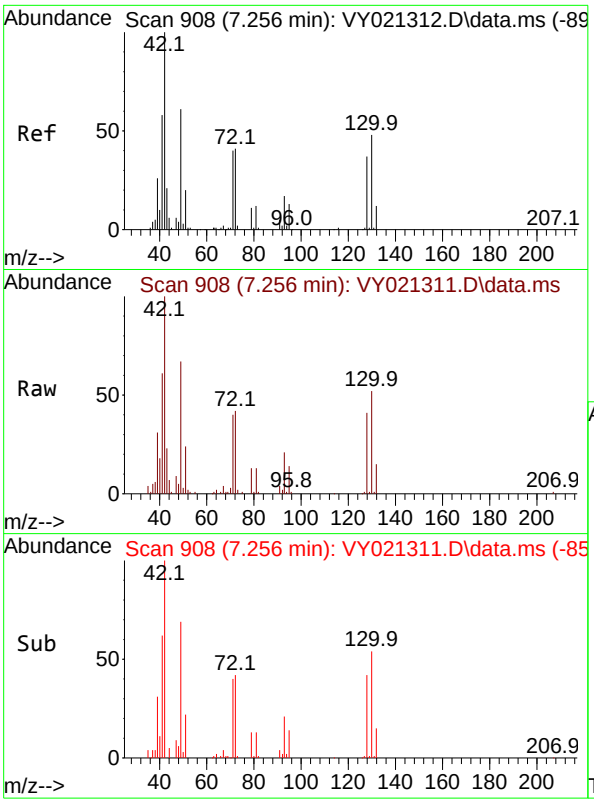


#28
Bromochloromethane
Concen: 19.022 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 49 Resp: 32987

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	73.2	57.8	86.6



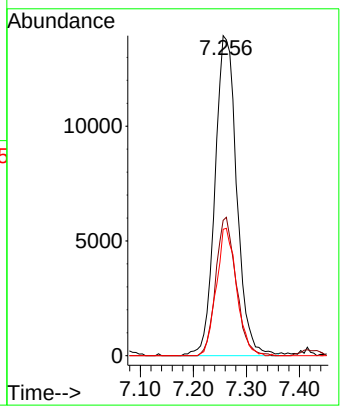


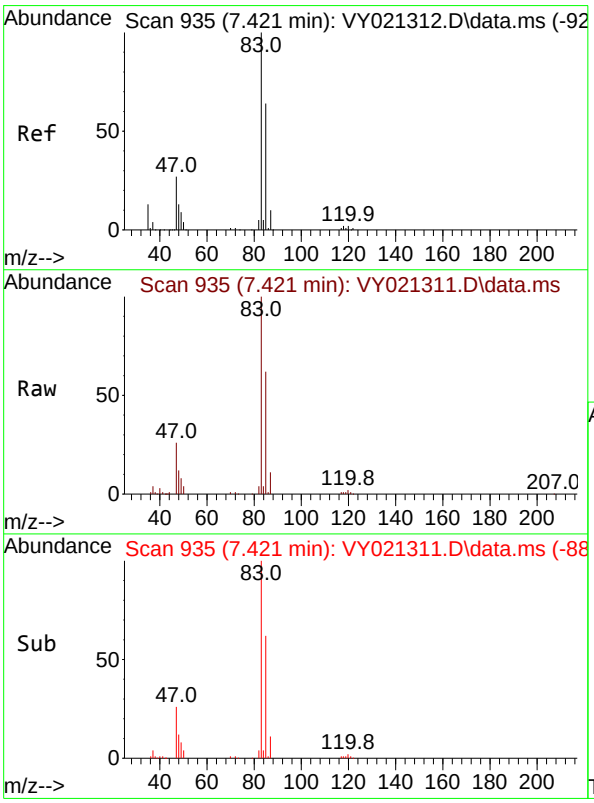
#29
Tetrahydrofuran
Concen: 98.365 ug/l
RT: 7.256 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 42 Resp: 39775

Ion	Ratio	Lower	Upper
42	100		
72	40.4	33.1	49.7
71	37.2	31.4	47.0

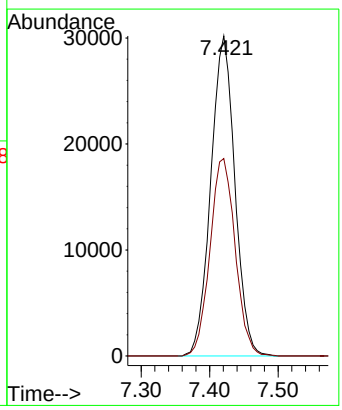


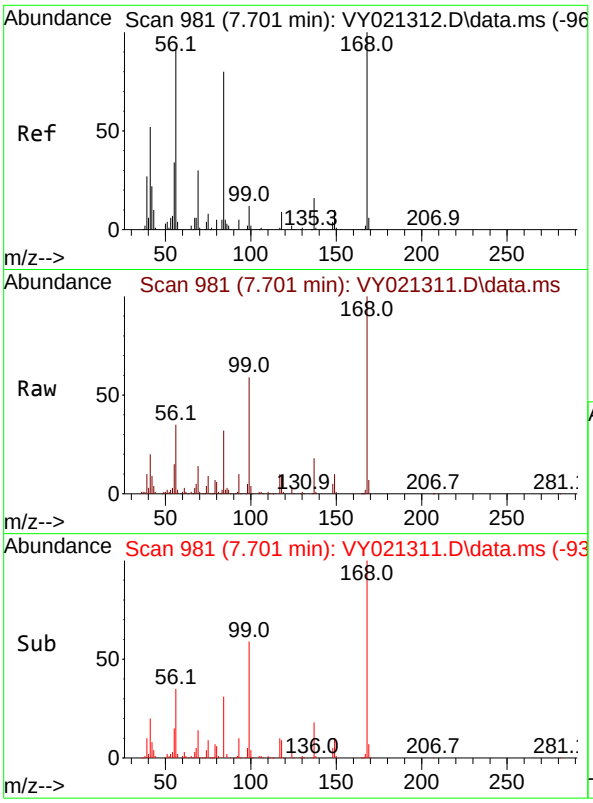


#30
Chloroform
Concen: 18.543 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 83 Resp: 73639

Ion	Ratio	Lower	Upper
83	100		
85	61.7	51.6	77.4



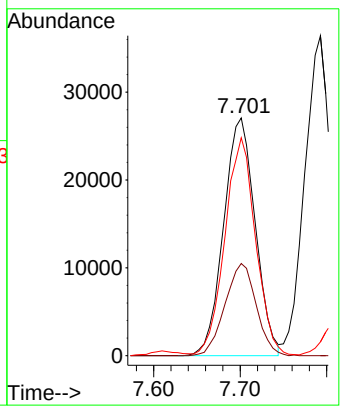


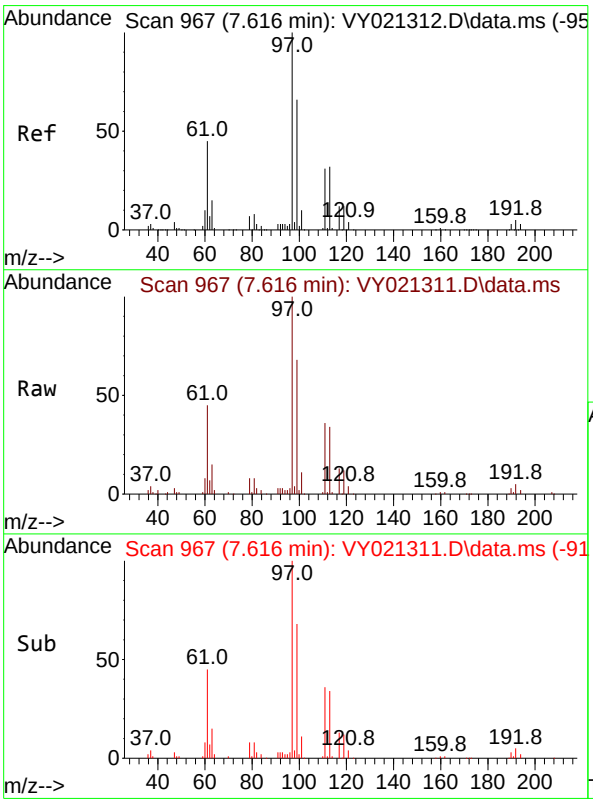
#31
Cyclohexane
Concen: 18.191 ug/l
RT: 7.701 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 68531

Ion	Ratio	Lower	Upper
56	100		
69	38.8	26.2	39.4
84	90.4	70.2	105.4

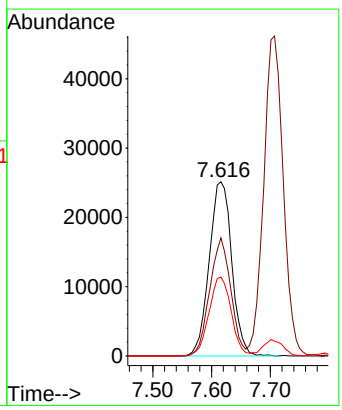


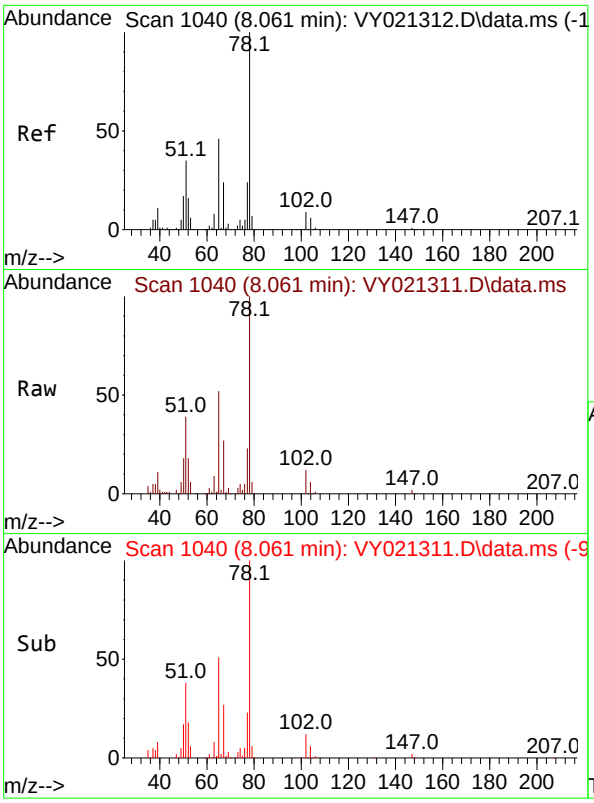


#32
1,1,1-Trichloroethane
Concen: 18.538 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 97 Resp: 67011

Ion	Ratio	Lower	Upper
97	100		
99	63.3	52.4	78.6
61	44.5	36.2	54.2



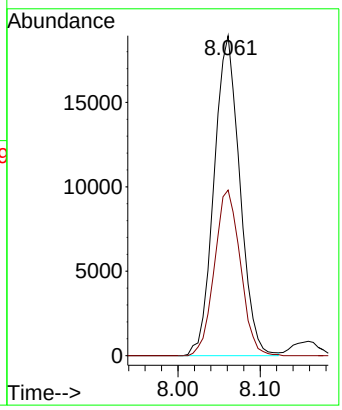


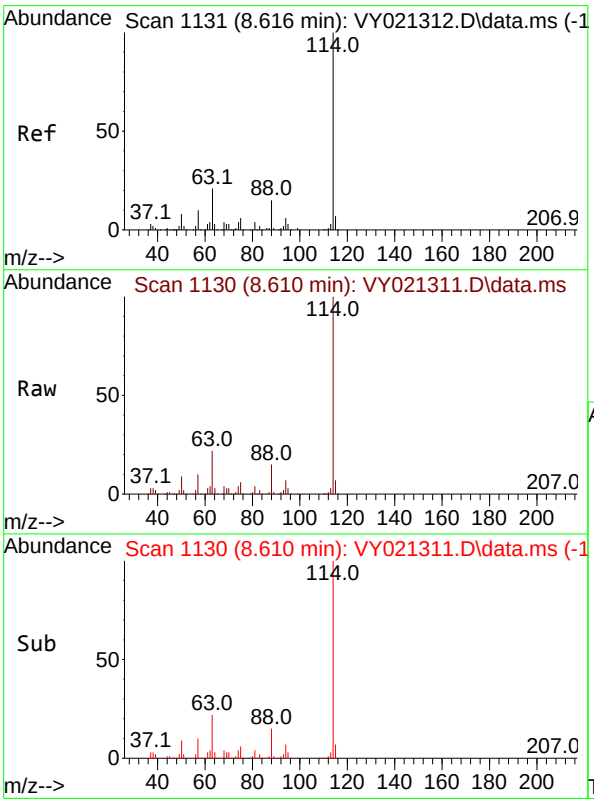
#33
1,2-Dichloroethane-d4
Concen: 19.337 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 65 Resp: 41320

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	103.6

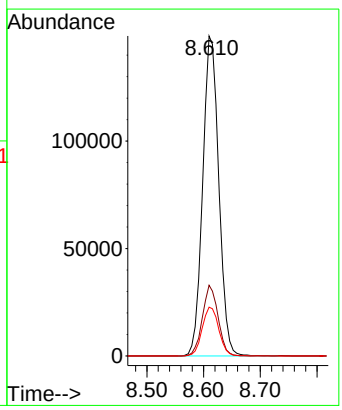


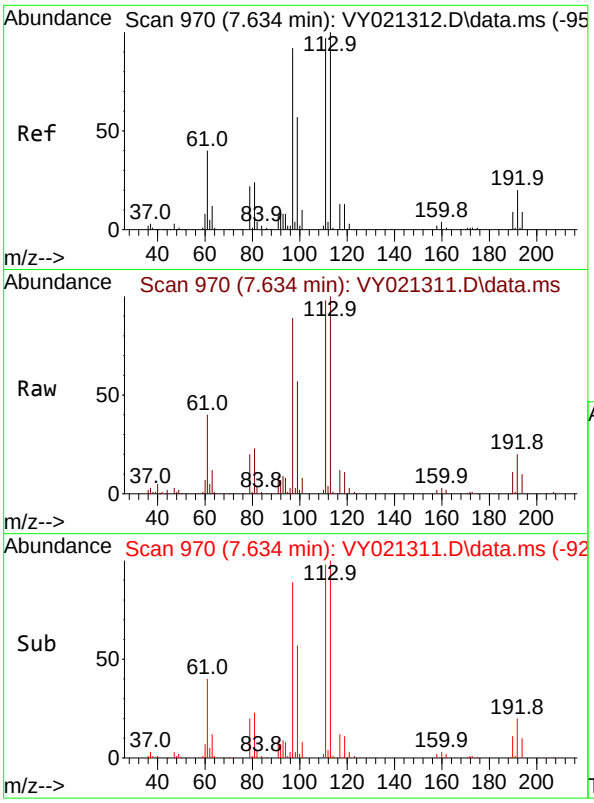


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:114 Resp: 293434

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	42.2
88	15.2	0.0	29.8



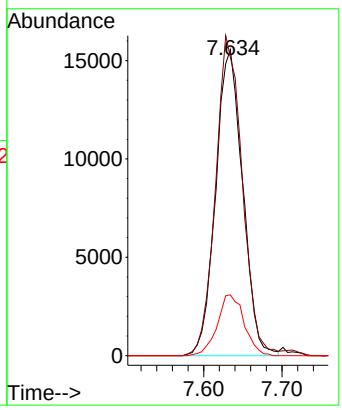


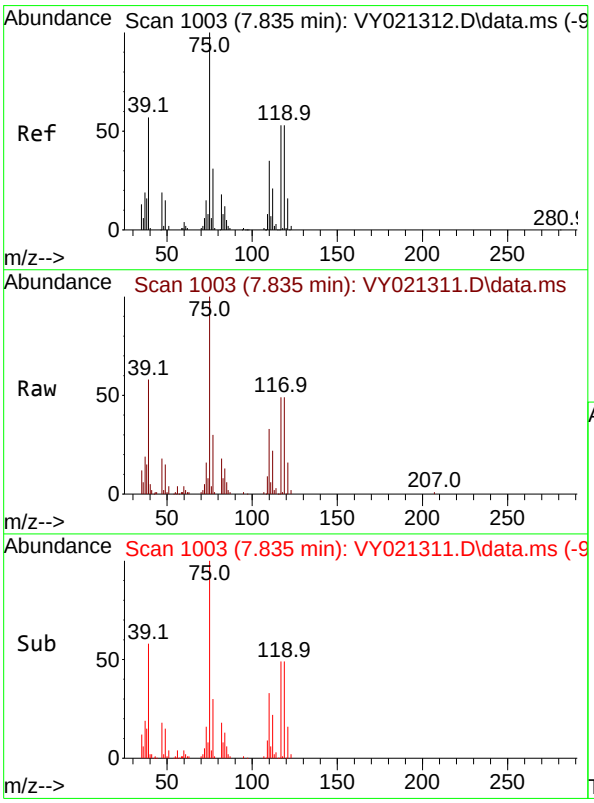
#35
Dibromofluoromethane
Concen: 19.371 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:113 Resp: 37265

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.0	121.6
192	19.8	15.8	23.8

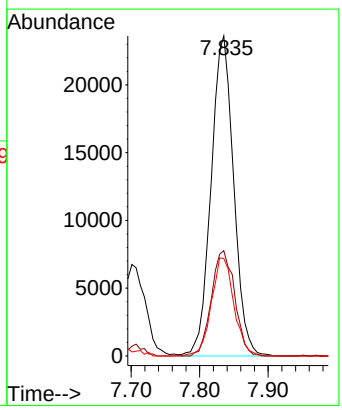


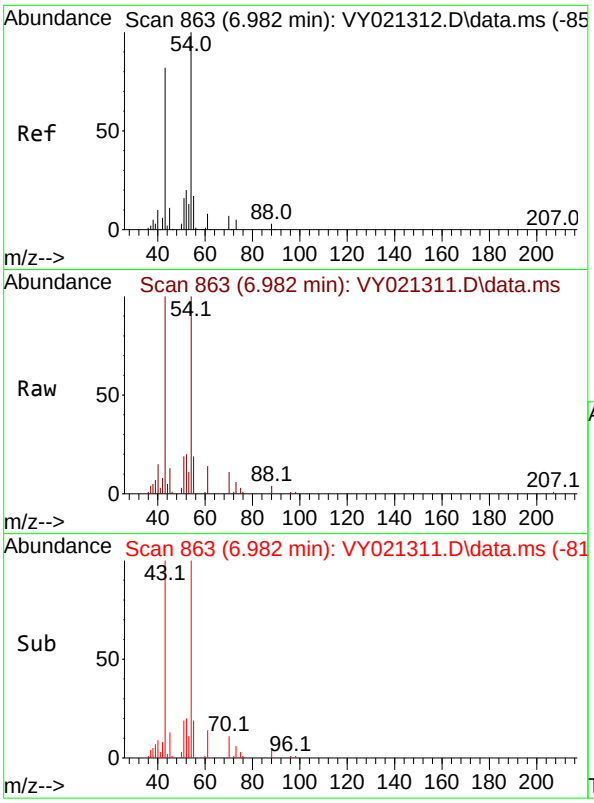


#36
1,1-Dichloropropene
Concen: 18.685 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 75 Resp: 53995

Ion	Ratio	Lower	Upper
75	100		
110	33.9	16.9	50.7
77	30.6	24.6	36.8



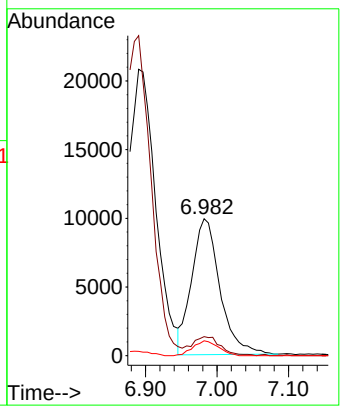


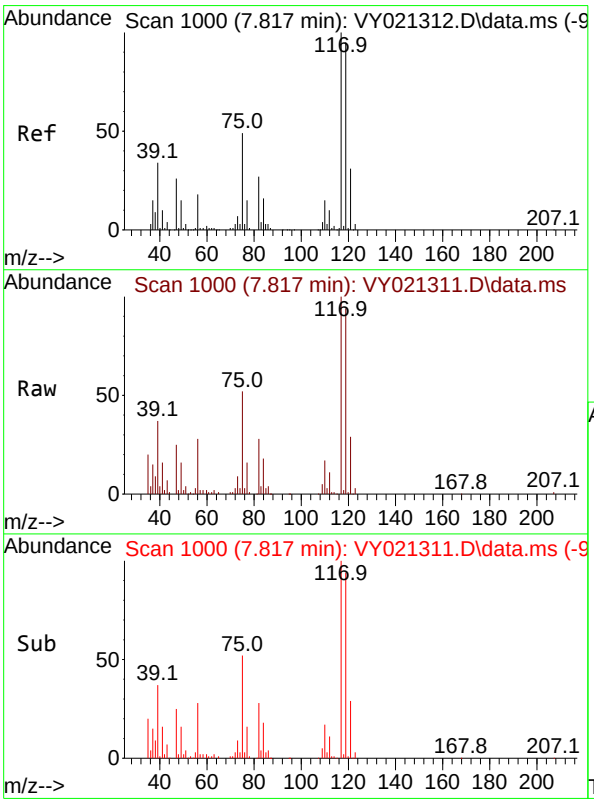
#37
Ethyl Acetate
Concen: 18.914 ug/l
RT: 6.982 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 27188

Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.4	15.6
70	9.8	7.5	11.3

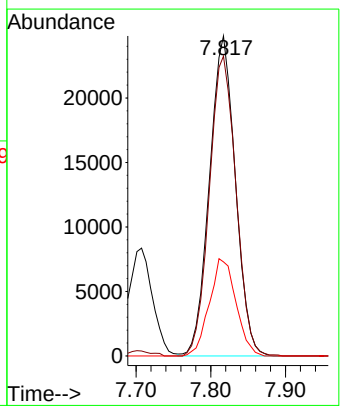


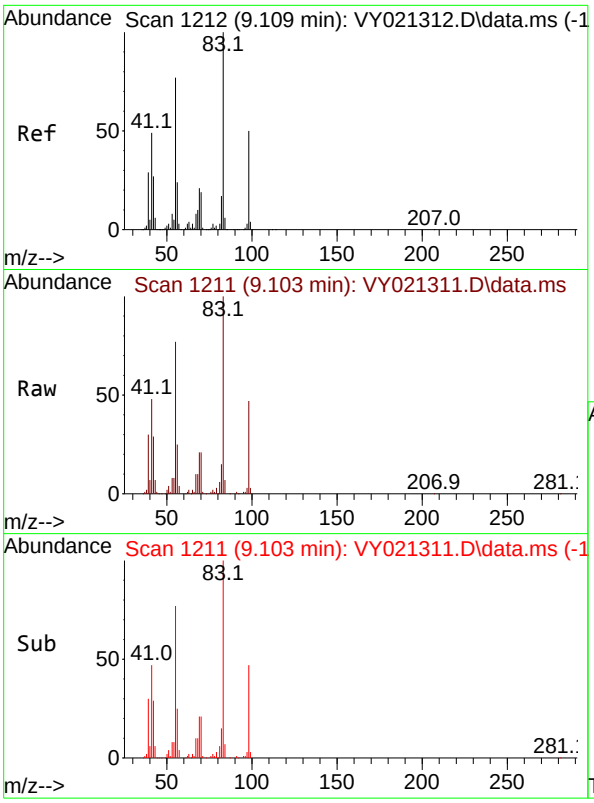


#38
Carbon Tetrachloride
Concen: 18.387 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:117 Resp: 59733

Ion	Ratio	Lower	Upper
117	100		
119	93.7	76.0	114.0
121	29.4	24.9	37.3



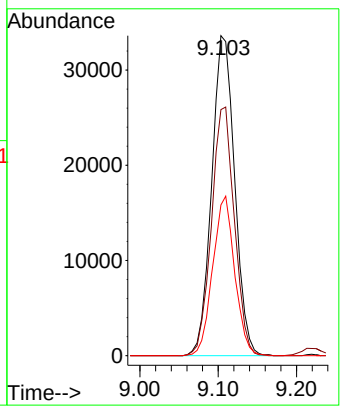


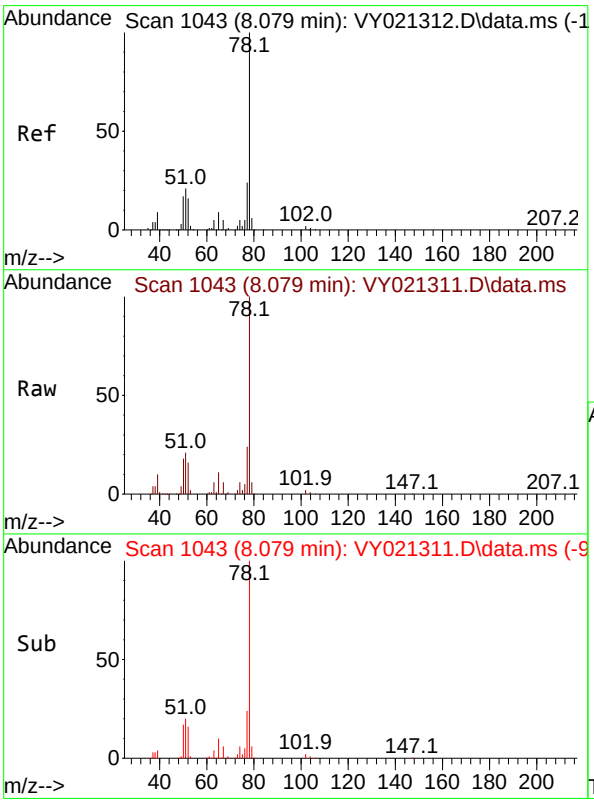
#39
Methylcyclohexane
Concen: 18.746 ug/l
RT: 9.103 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 68516

Ion	Ratio	Lower	Upper
83	100		
55	76.9	61.3	91.9
98	47.1	39.9	59.9

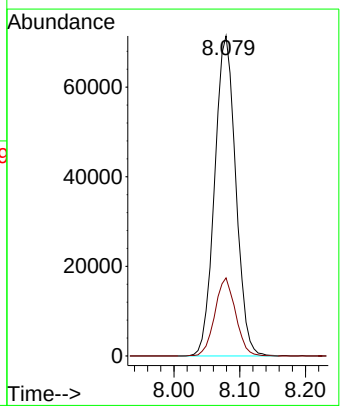


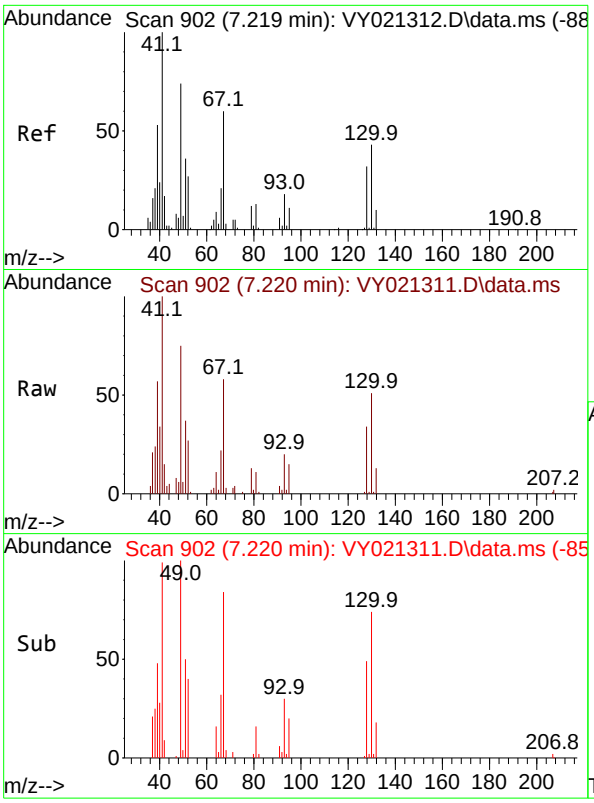


#40
Benzene
Concen: 18.676 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 78 Resp: 159536

Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.2	28.8



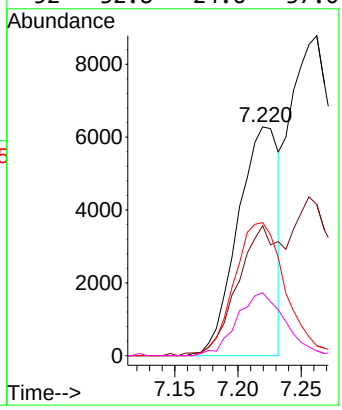


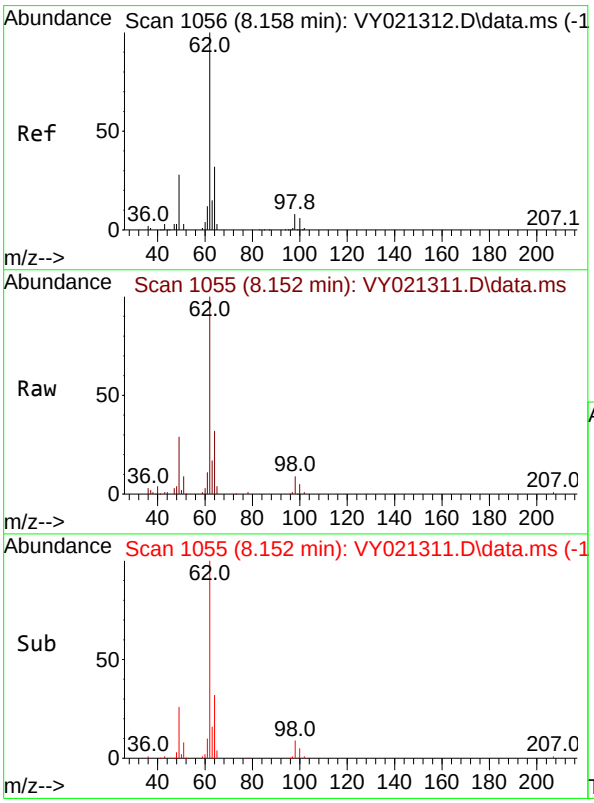
#41
Methacrylonitrile
Concen: 17.554 ug/l
RT: 7.220 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 14108

Ion	Ratio	Lower	Upper
41	100		
39	63.1	42.3	63.5
67	72.9	54.8	82.2
52	32.8	24.6	37.0

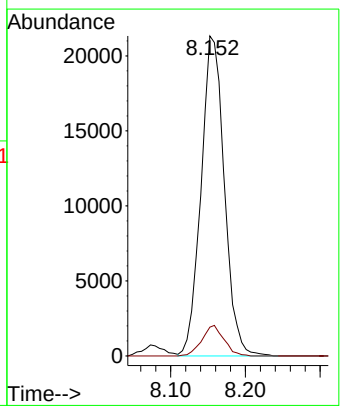


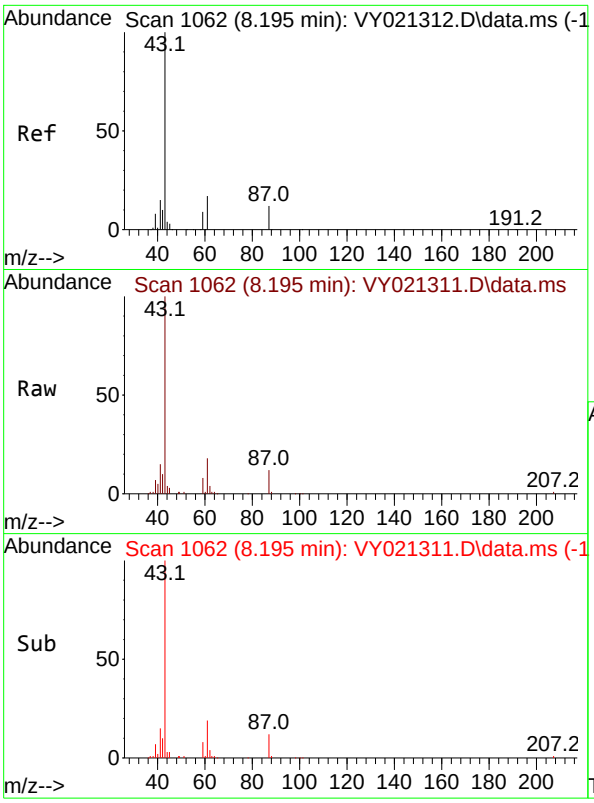


#42
1,2-Dichloroethane
Concen: 19.043 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 62 Resp: 46152

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.6



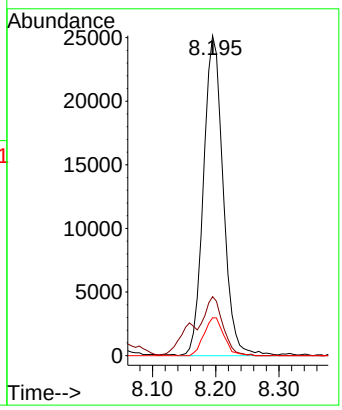


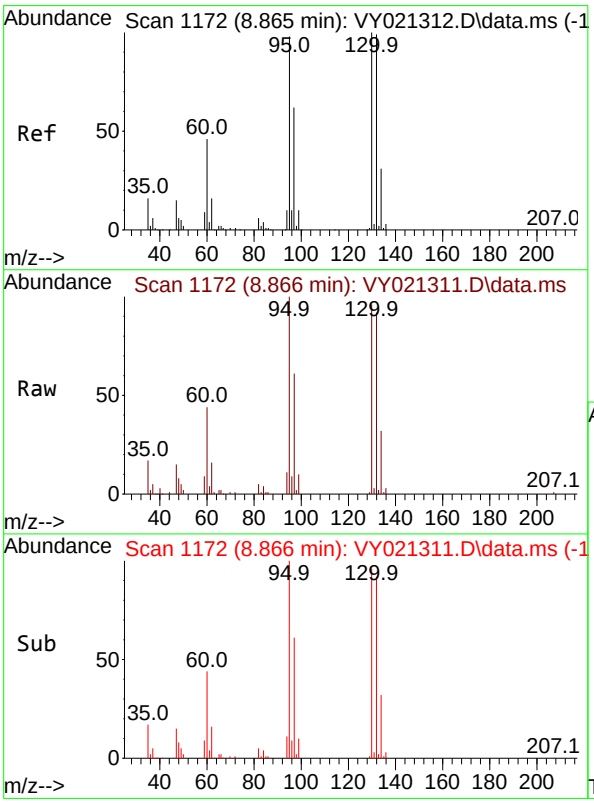
#43
Isopropyl Acetate
Concen: 19.583 ug/l
RT: 8.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 54484

Ion	Ratio	Lower	Upper
43	100		
61	18.0	15.0	22.6
87	12.1	10.0	15.0

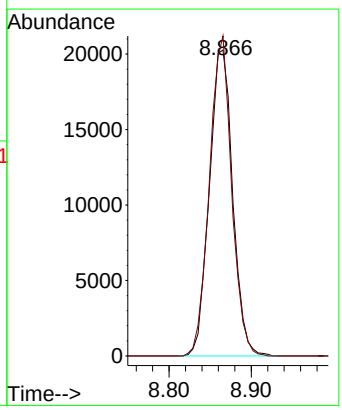


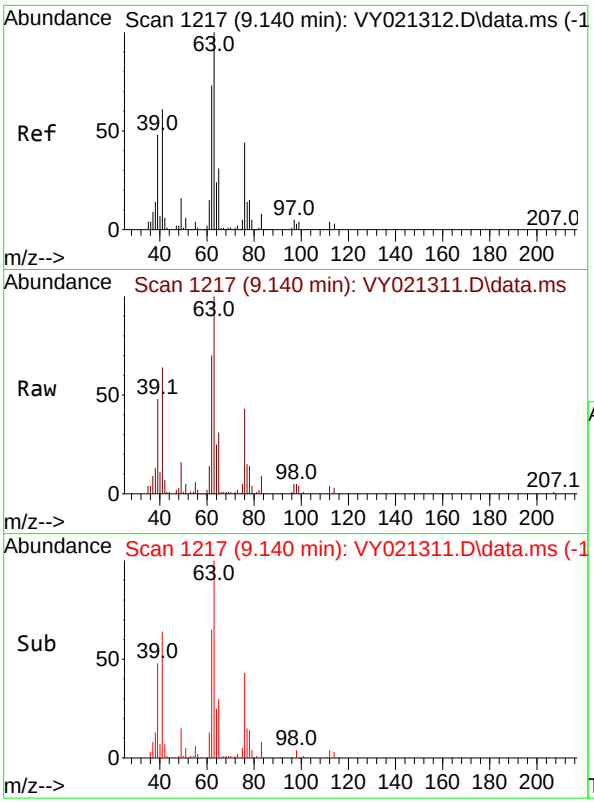


#44
Trichloroethene
Concen: 18.706 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:130 Resp: 40005

Ion	Ratio	Lower	Upper
130	100		
95	104.6	0.0	196.0



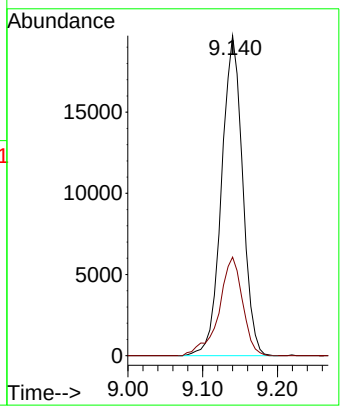


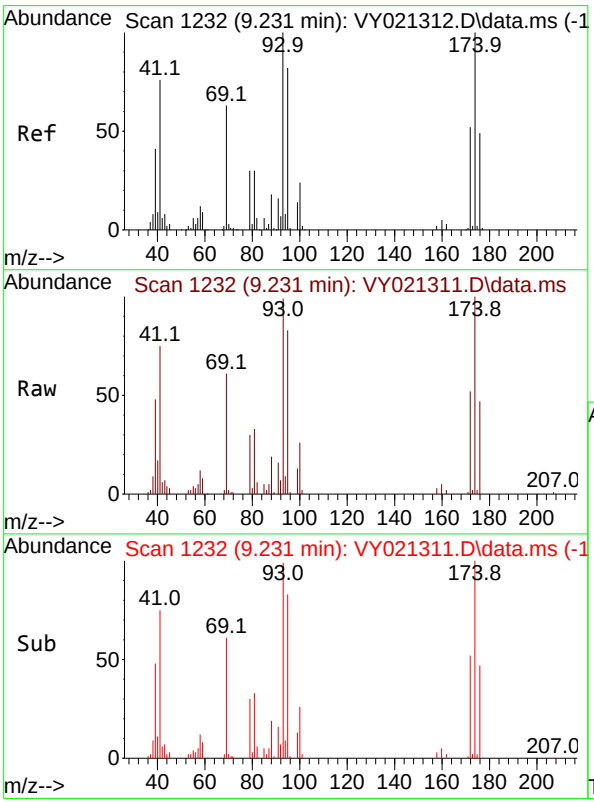
#45
1,2-Dichloropropane
Concen: 18.782 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 38611

Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.6	36.8

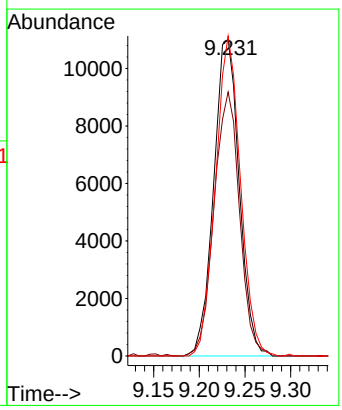


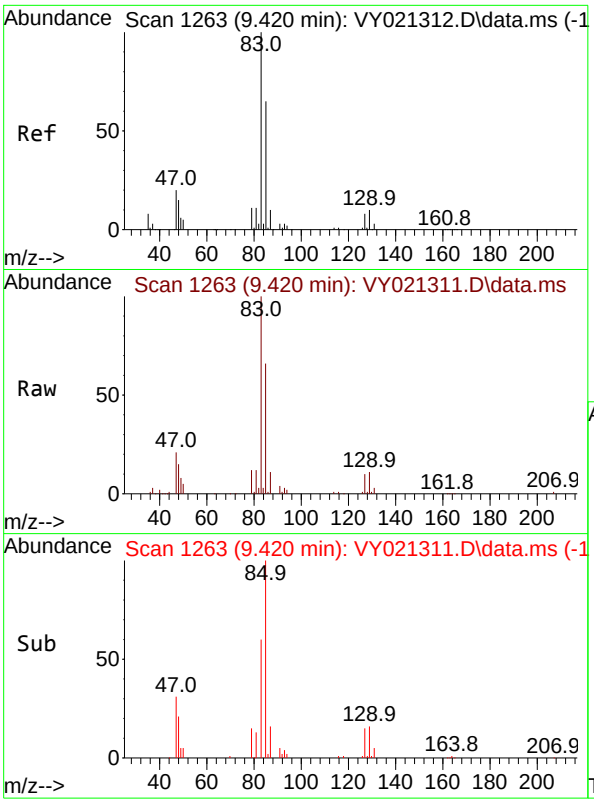


#46
Dibromomethane
Concen: 19.063 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 93 Resp: 21421

Ion	Ratio	Lower	Upper
93	100		
95	83.0	66.4	99.6
174	98.7	78.2	117.2



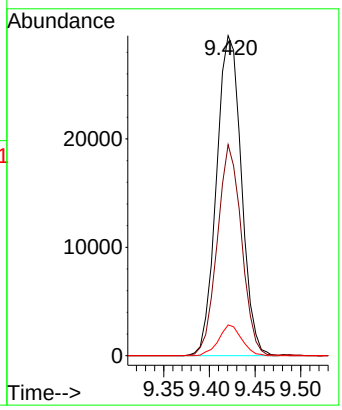


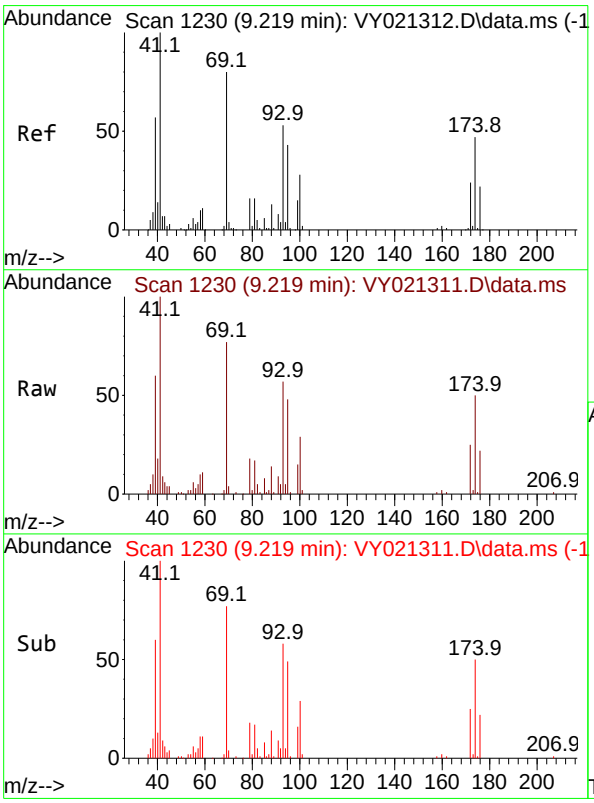
#47
Bromodichloromethane
Concen: 18.701 ug/l
RT: 9.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 56033

Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.8	77.8
127	9.6	6.7	10.1

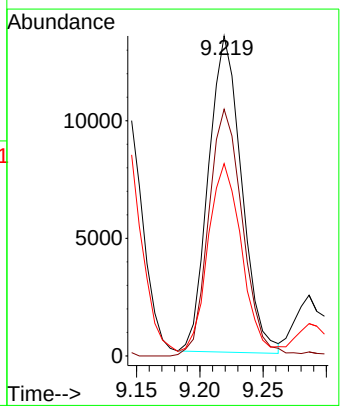


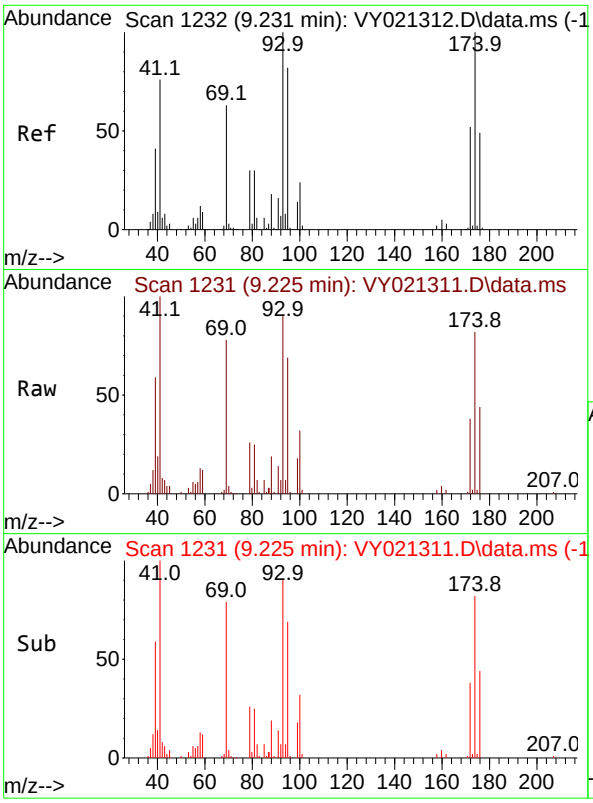


#48
Methyl methacrylate
Concen: 18.801 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 41 Resp: 24461

Ion	Ratio	Lower	Upper
41	100		
69	80.2	63.3	94.9
39	60.2	45.0	67.6



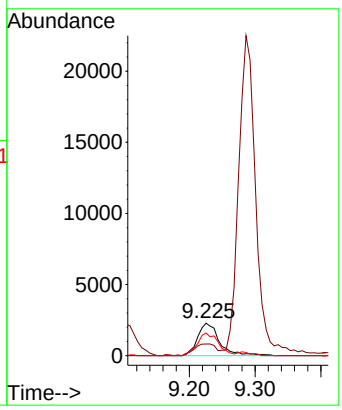


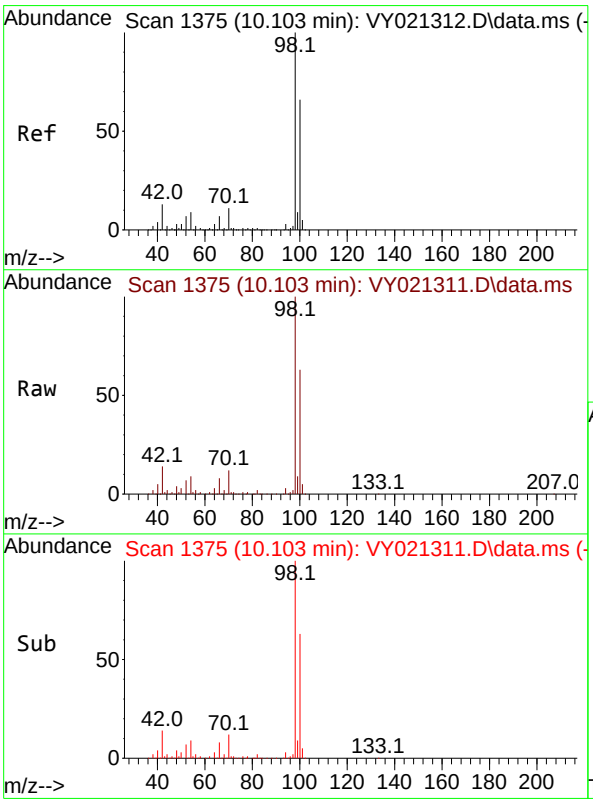
#49
1,4-Dioxane
Concen: 424.825 ug/l
RT: 9.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 88 Resp: 5308

Ion	Ratio	Lower	Upper
88	100		
43	35.4	34.8	52.2
58	66.8	59.8	89.6

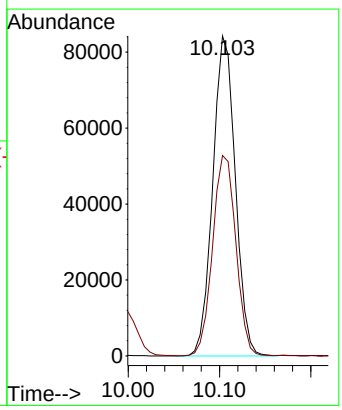


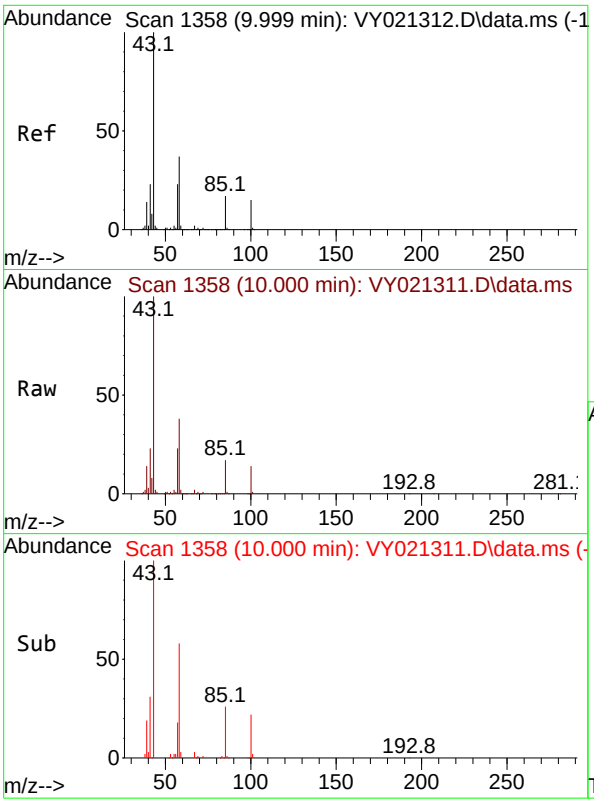


#50
Toluene-d8
Concen: 19.423 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 98 Resp: 144409

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.4	78.6



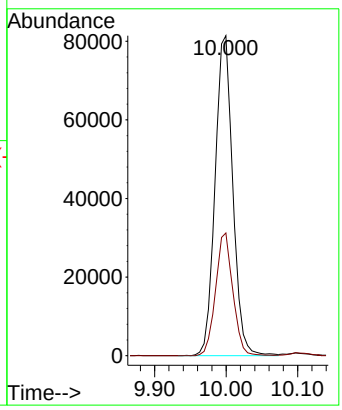


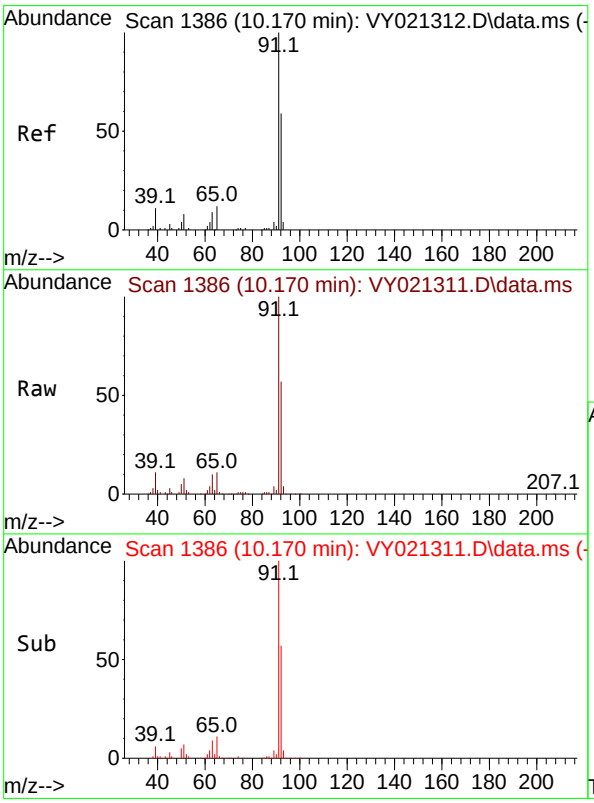
#51
4-Methyl-2-Pentanone
Concen: 98.430 ug/l
RT: 10.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 140187

Ion	Ratio	Lower	Upper
43	100		
58	37.3	30.1	45.1

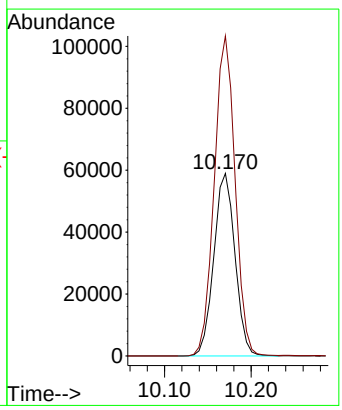


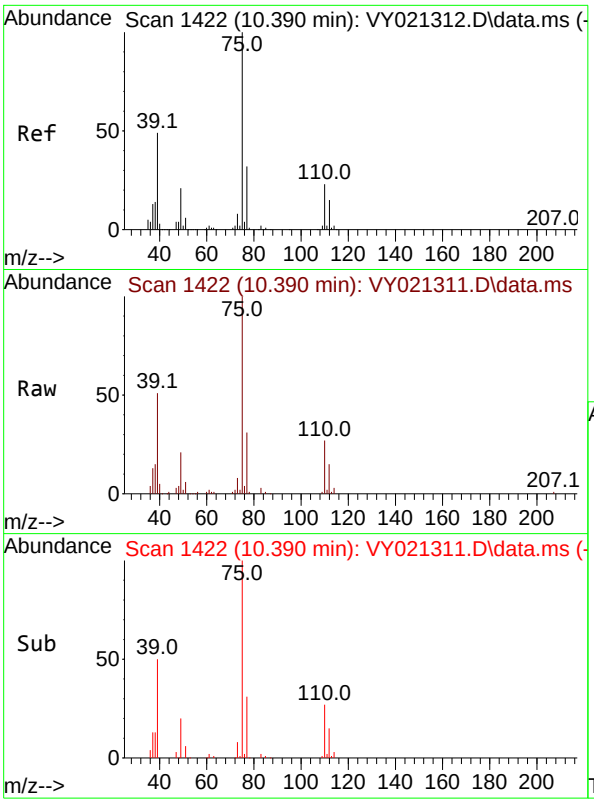


#52
Toluene
Concen: 18.854 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 92 Resp: 100050

Ion	Ratio	Lower	Upper
92	100		
91	172.8	137.8	206.8



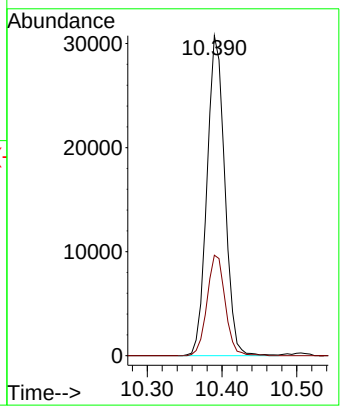


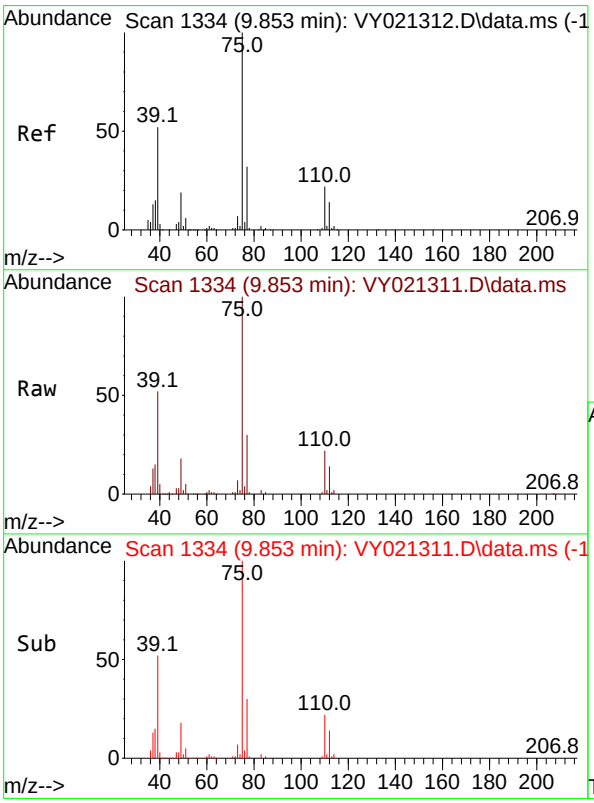
#53
t-1,3-Dichloropropene
Concen: 18.563 ug/l
RT: 10.390 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 50957

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.3	37.9

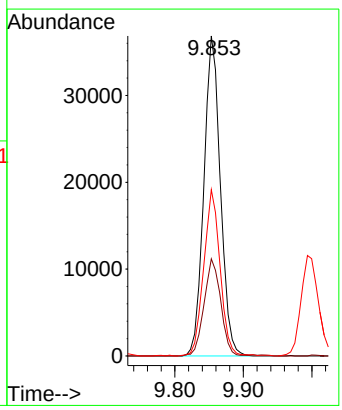


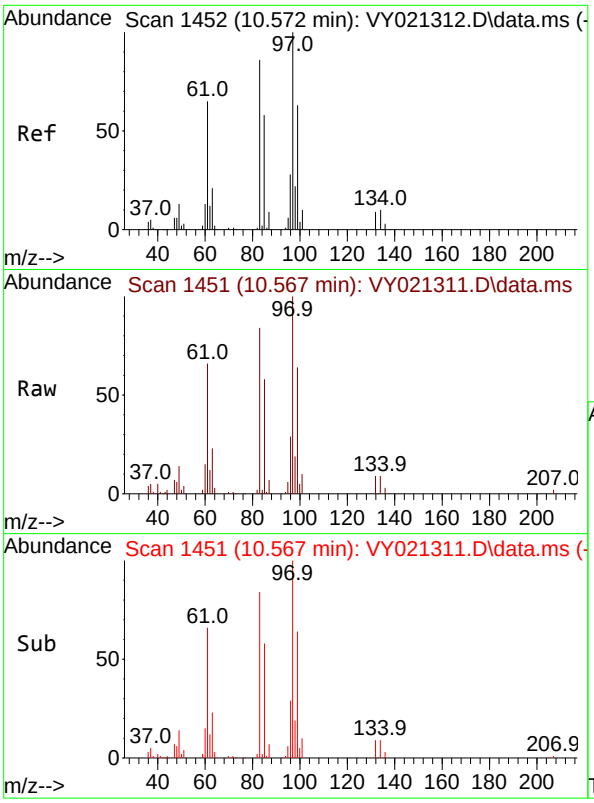


#54
cis-1,3-Dichloropropene
Concen: 19.122 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 75 Resp: 61967

Ion	Ratio	Lower	Upper
75	100		
77	30.3	25.7	38.5
39	52.0	41.8	62.6



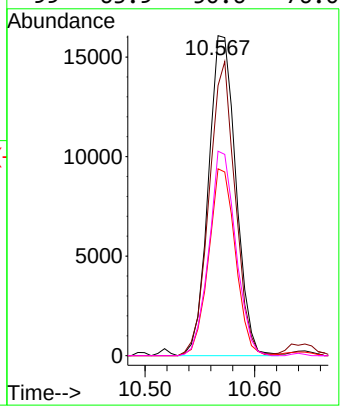


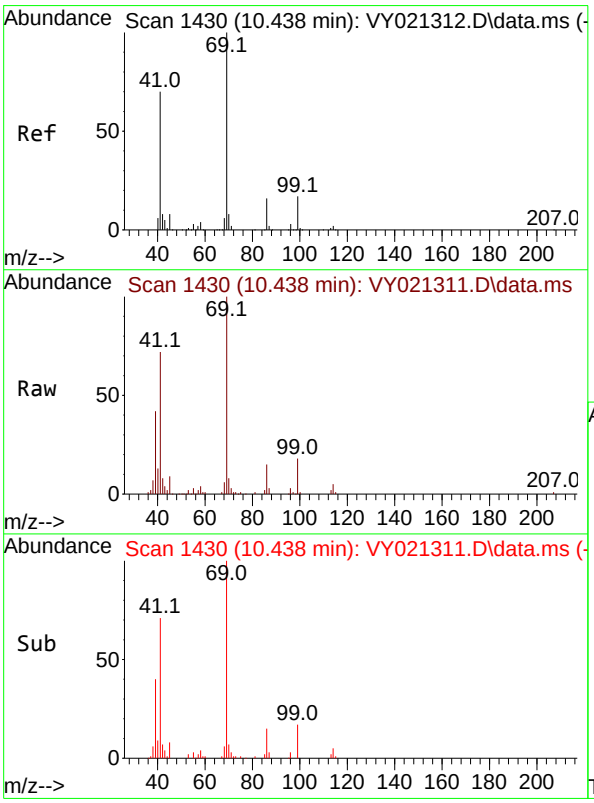
#55
1,1,2-Trichloroethane
Concen: 19.088 ug/l
RT: 10.567 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 97 Resp: 27942

Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.7	103.1
85	58.4	46.3	69.5
99	63.9	50.6	76.0

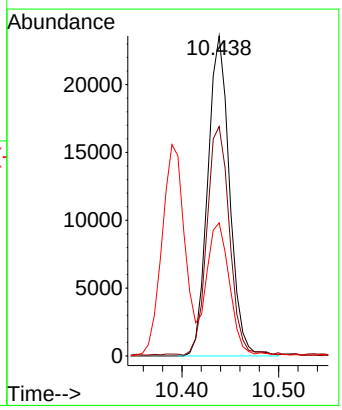


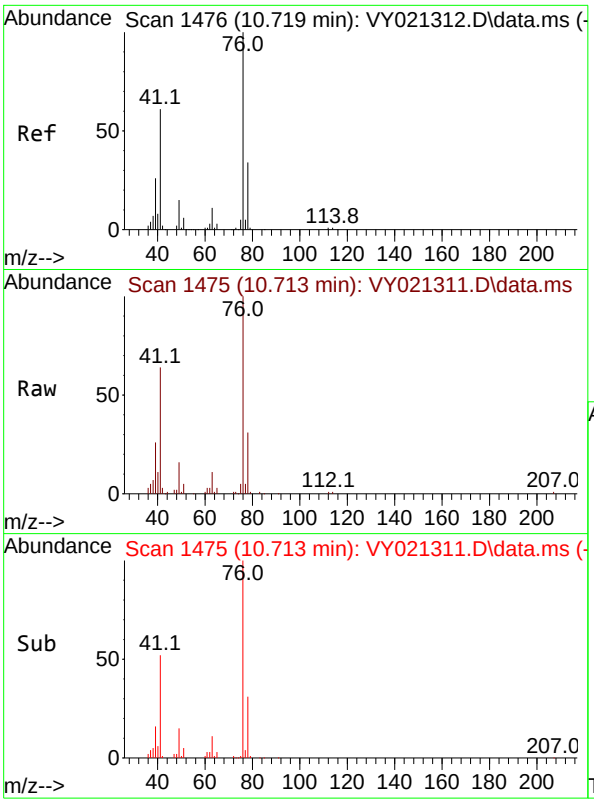


#56
Ethyl methacrylate
Concen: 18.291 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 69 Resp: 36997

Ion	Ratio	Lower	Upper
69	100		
41	74.3	56.2	84.4
39	43.9	32.7	49.1



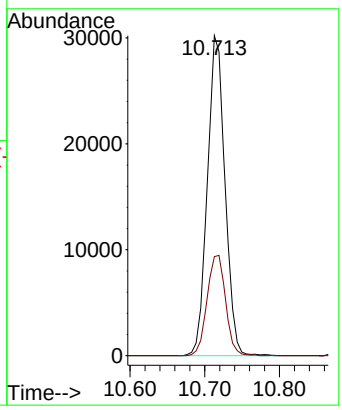


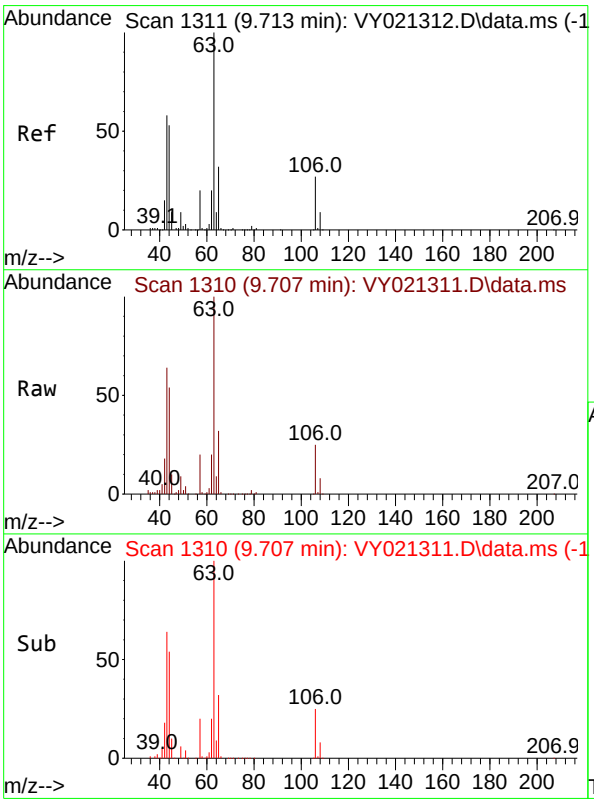
#57
1,3-Dichloropropane
Concen: 19.270 ug/l
RT: 10.713 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 49499

Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.9	38.9

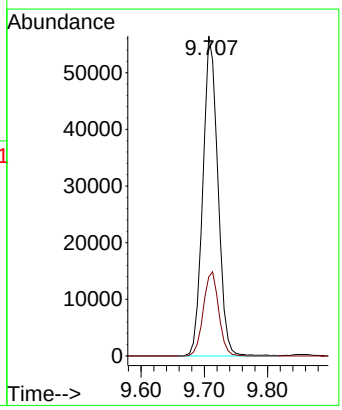


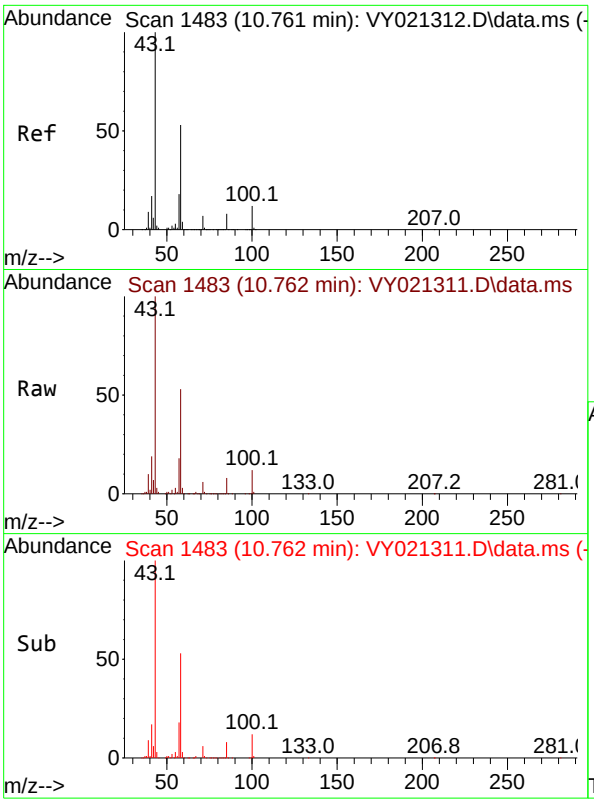


#58
2-Chloroethyl Vinyl ether
Concen: 96.179 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 63 Resp: 93377

Ion	Ratio	Lower	Upper
63	100		
106	26.9	21.7	32.5



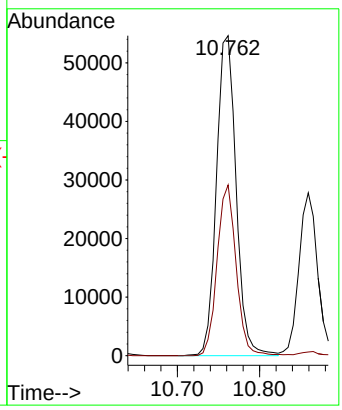


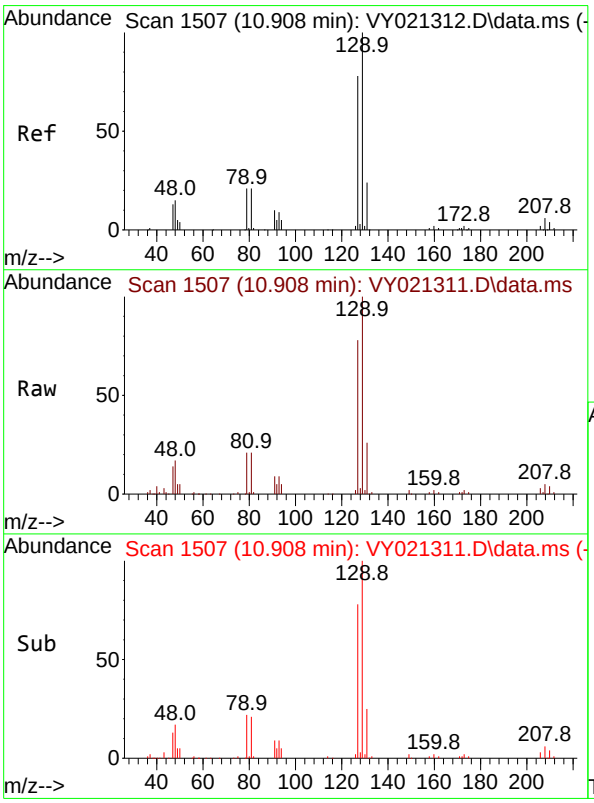
#59
2-Hexanone
Concen: 97.163 ug/l
RT: 10.762 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 90882

Ion	Ratio	Lower	Upper
43	100		
58	51.7	25.9	77.6

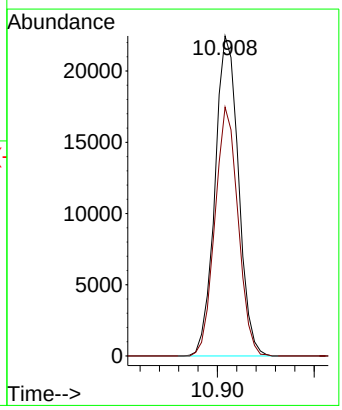


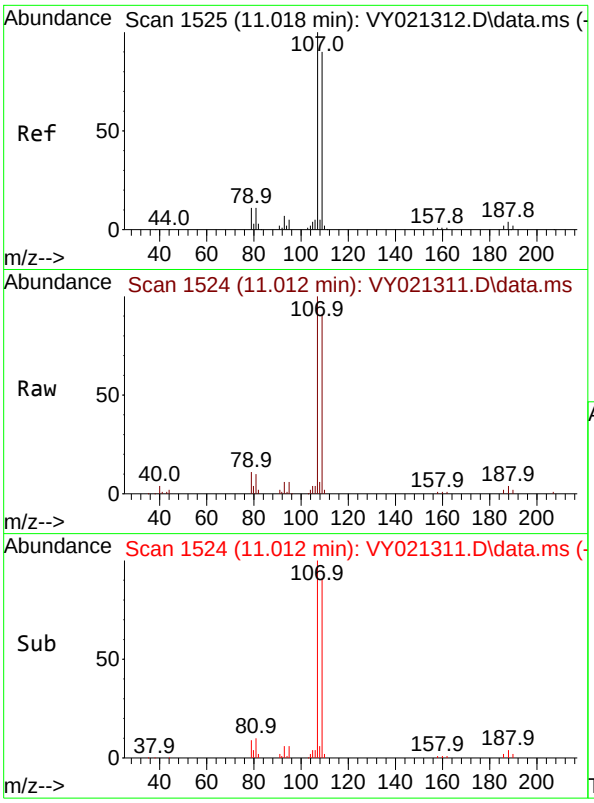


#60
Dibromochloromethane
Concen: 18.964 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:129 Resp: 37808

Ion	Ratio	Lower	Upper
129	100		
127	76.5	38.8	116.4



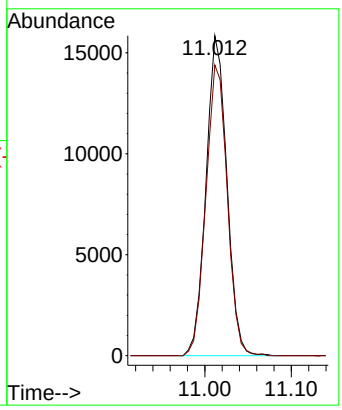


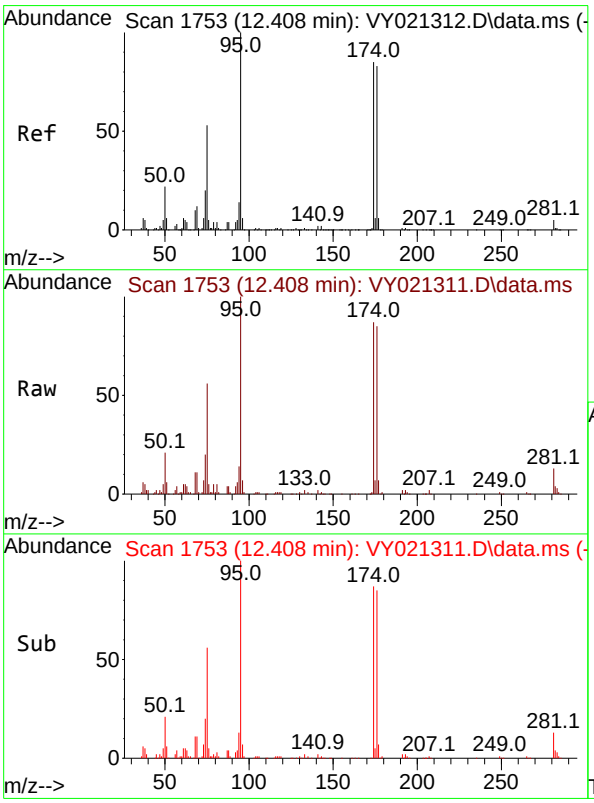
#61
1,2-Dibromoethane
Concen: 19.135 ug/l
RT: 11.012 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 26519

Ion	Ratio	Lower	Upper
107	100		
109	92.9	73.8	110.8

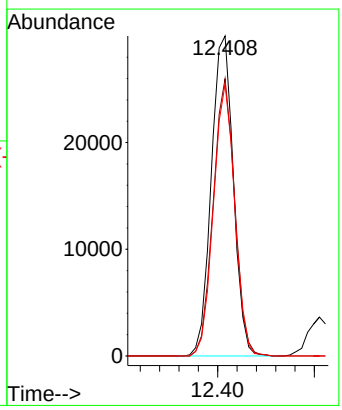


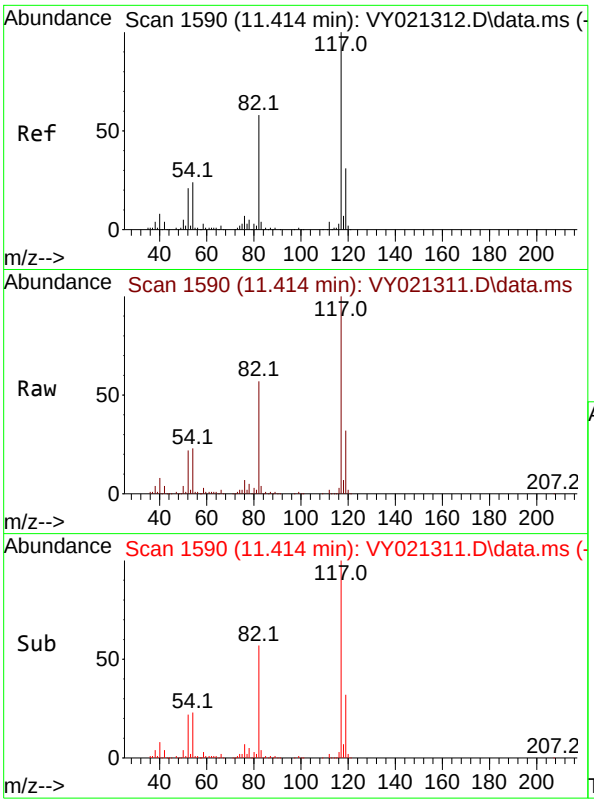


#62
4-Bromofluorobenzene
Concen: 18.950 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 95 Resp: 47417

Ion	Ratio	Lower	Upper
95	100		
174	84.5	0.0	168.0
176	82.0	0.0	162.6



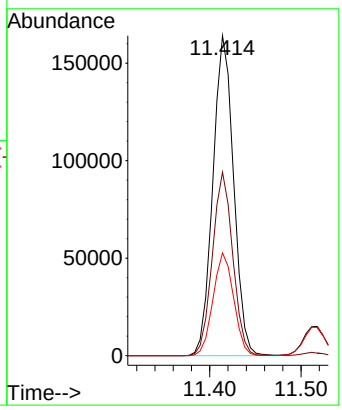


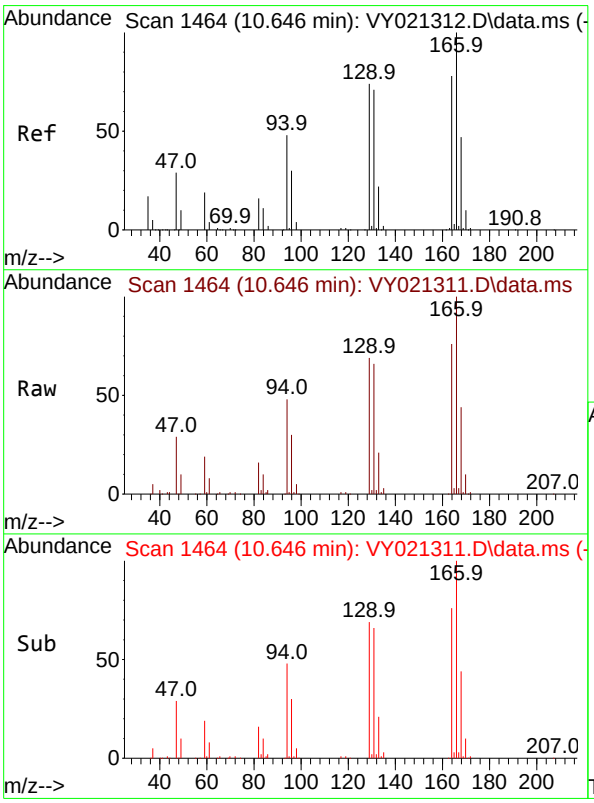
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:117 Resp: 258896

Ion	Ratio	Lower	Upper
117	100		
82	57.3	46.2	69.4
119	32.1	24.9	37.3

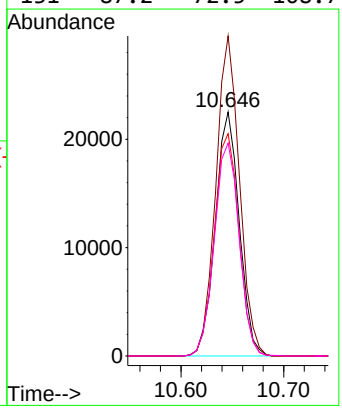


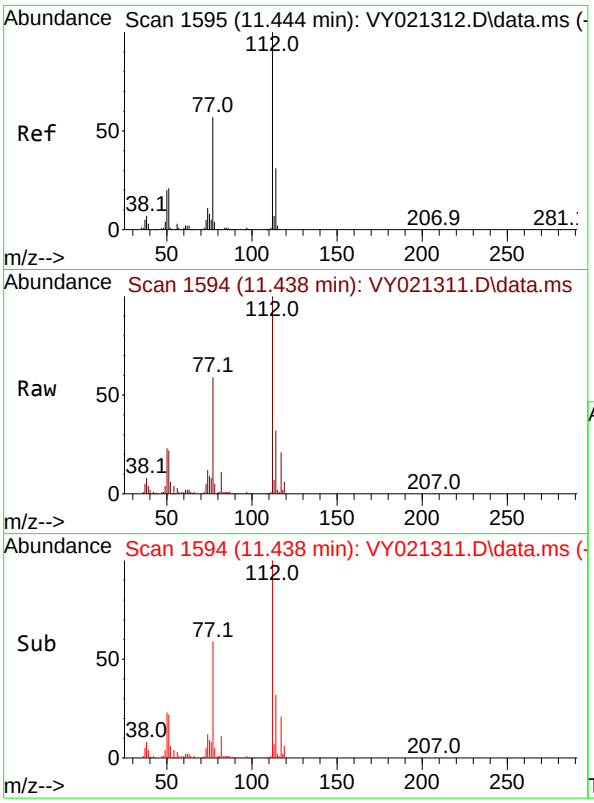


#64
Tetrachloroethene
Concen: 18.595 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:164 Resp: 36387

Ion	Ratio	Lower	Upper
164	100		
166	131.1	101.9	152.9
129	91.1	75.5	113.3
131	87.2	72.5	108.7



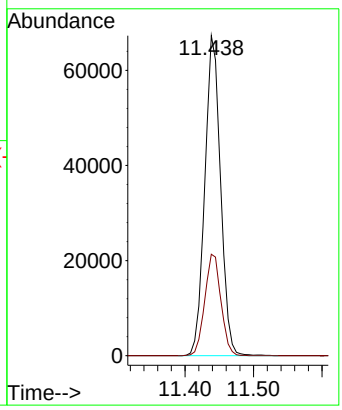


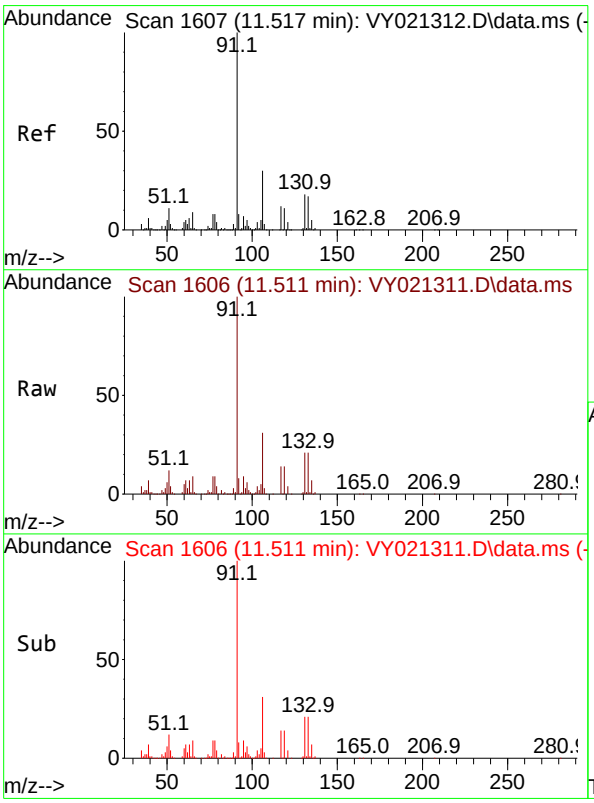
#65
Chlorobenzene
Concen: 18.519 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 107621

Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.0	37.6

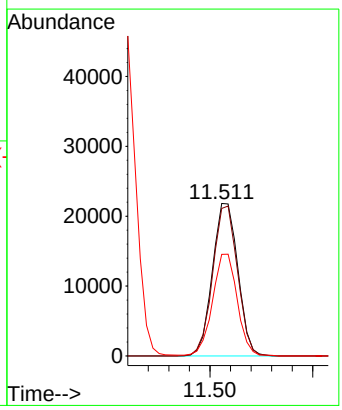


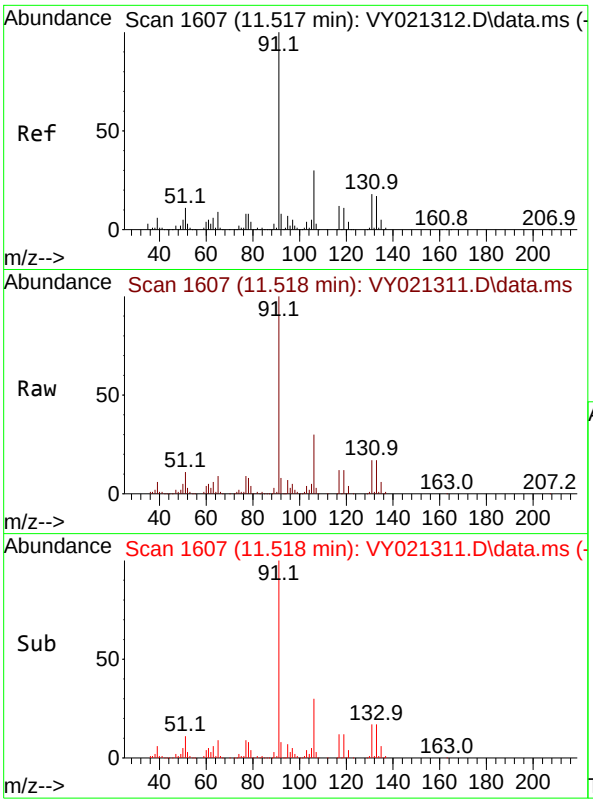


#66
1,1,1,2-Tetrachloroethane
Concen: 18.422 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:131 Resp: 37487

Ion	Ratio	Lower	Upper
131	100		
133	96.3	47.9	143.6
119	65.1	31.7	95.1



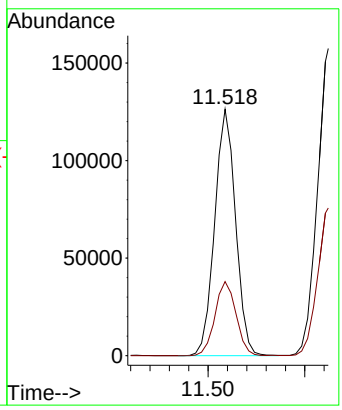


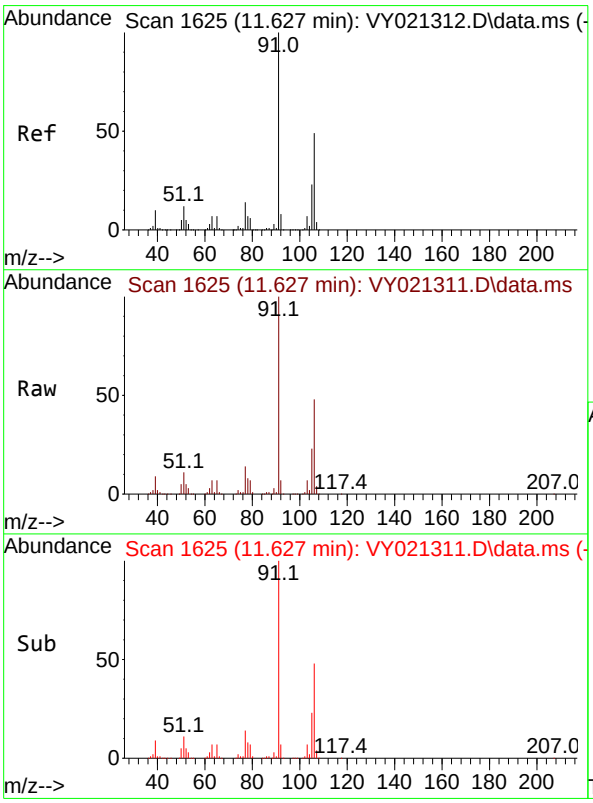
#67
Ethyl Benzene
Concen: 18.366 ug/l
RT: 11.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 189052

Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.4	36.6

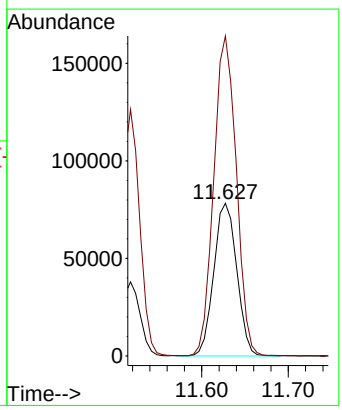


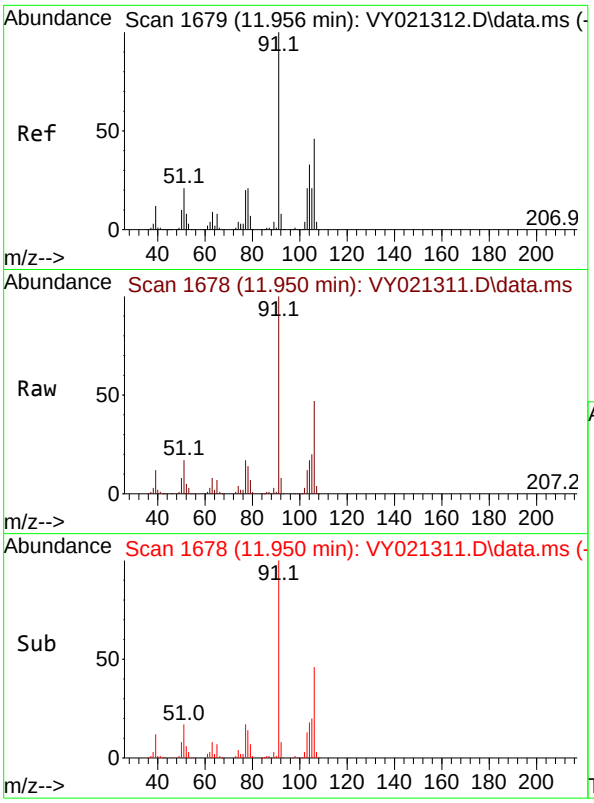


#68
m/p-Xylenes
Concen: 37.210 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:106 Resp: 144073

Ion	Ratio	Lower	Upper
106	100		
91	205.9	163.9	245.9



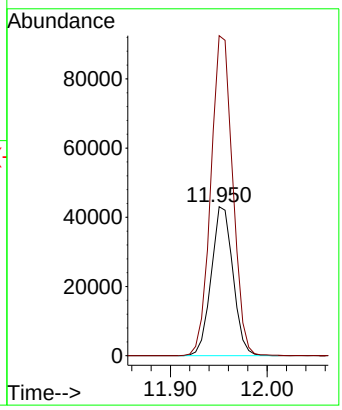


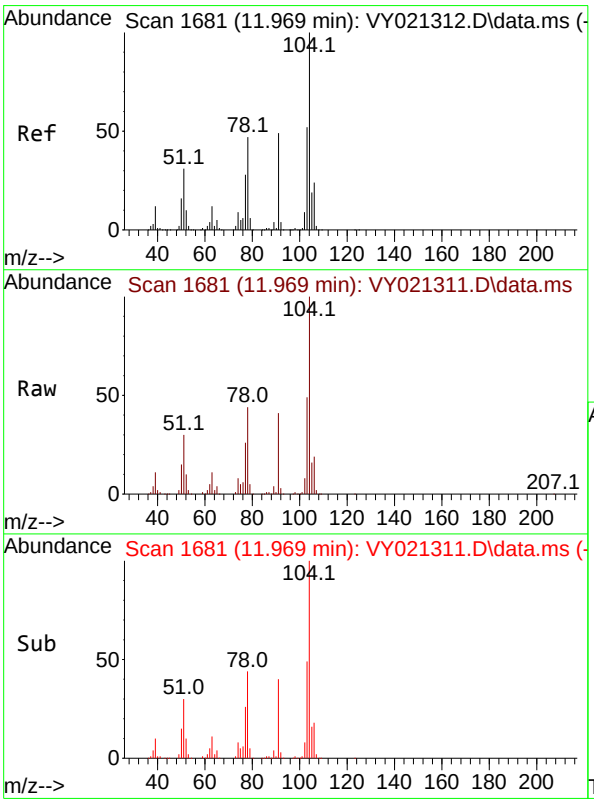
#69
o-Xylene
Concen: 18.488 ug/l
RT: 11.950 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 67060

Ion	Ratio	Lower	Upper
106	100		
91	216.5	108.1	324.2

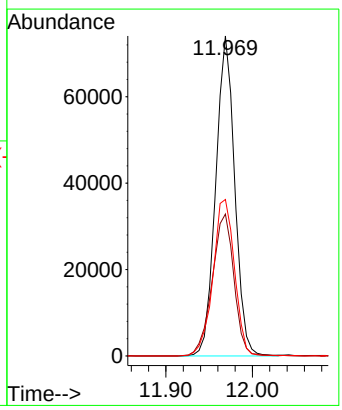


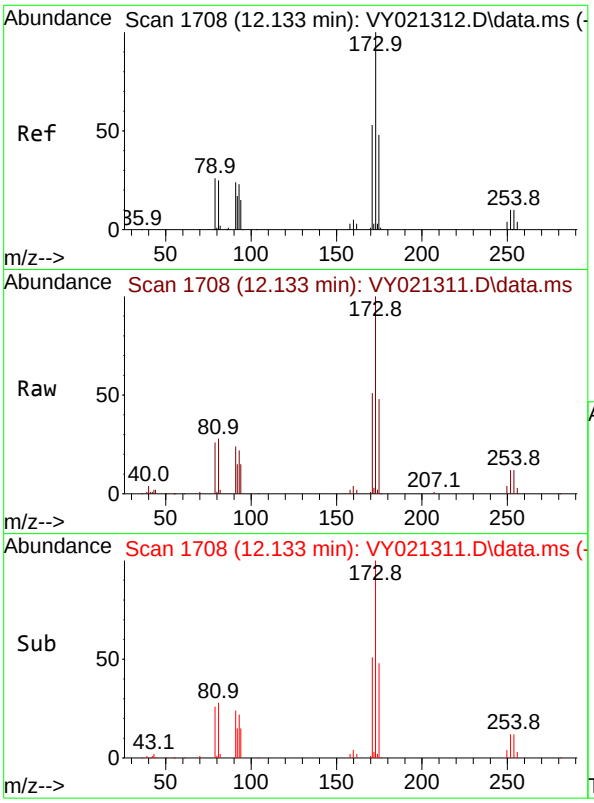


#70
Styrene
Concen: 18.729 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:104 Resp: 113033

Ion	Ratio	Lower	Upper
104	100		
78	50.7	41.3	61.9
103	55.5	43.9	65.9



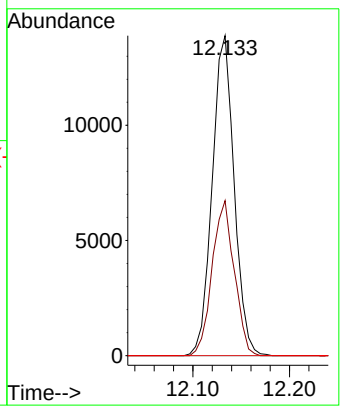


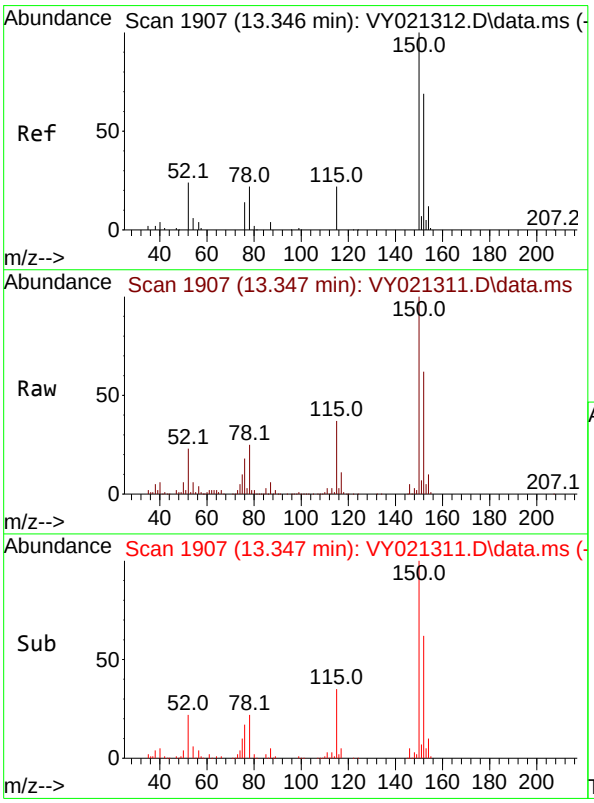
#71
Bromoform
Concen: 18.800 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:173 Resp: 21886

Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.1	72.3
254	0.0	0.1	0.1#

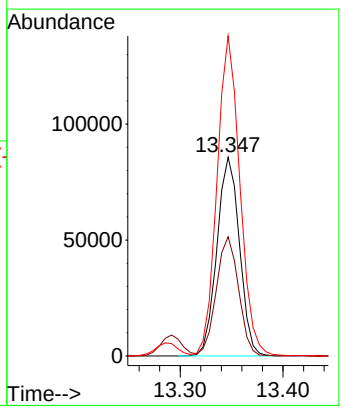


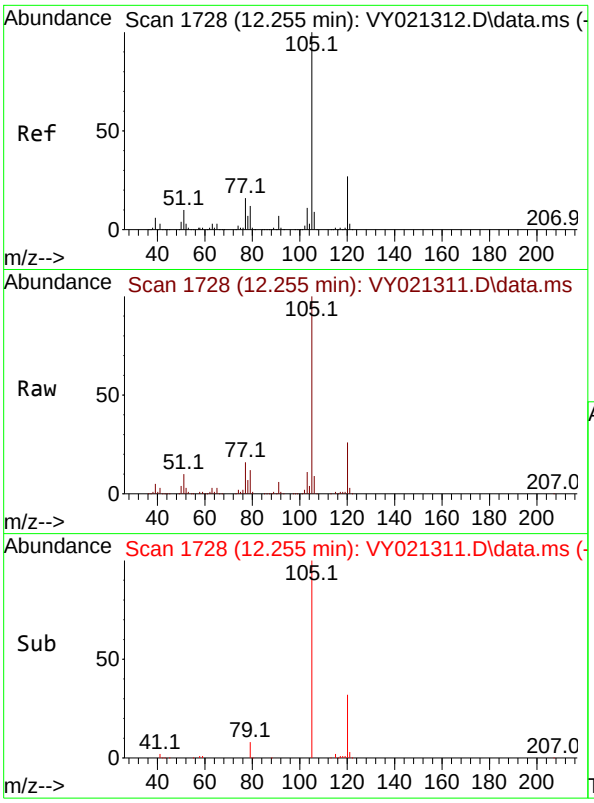


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:152 Resp: 130546

Ion	Ratio	Lower	Upper
152	100		
115	59.3	29.3	88.0
150	163.4	0.0	347.4



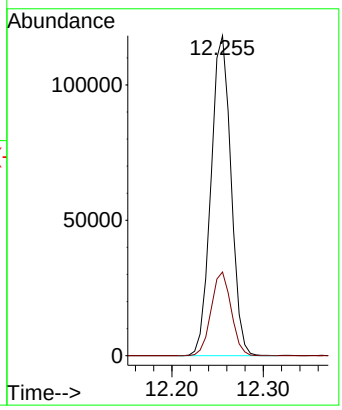


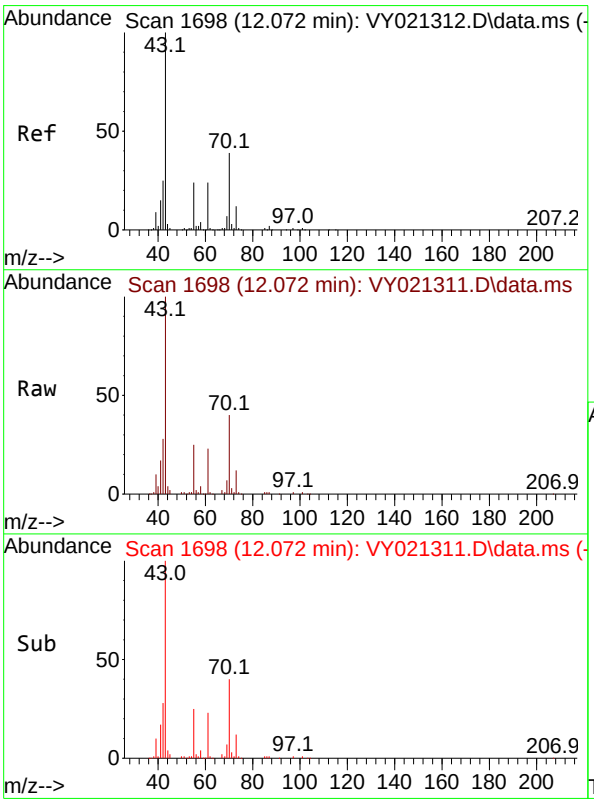
#73
Isopropylbenzene
Concen: 18.288 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 179489

Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.3	39.8

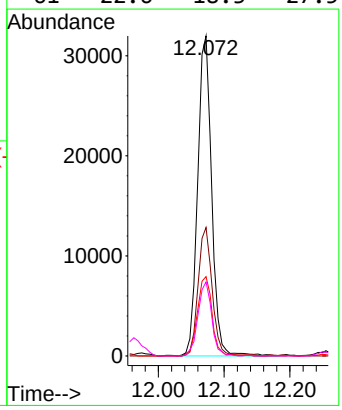


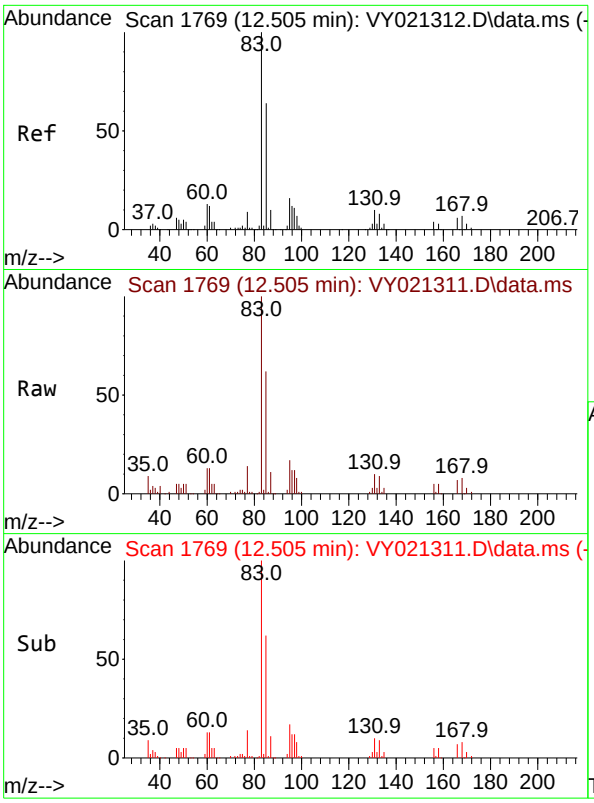


#74
N-amyl acetate
Concen: 18.930 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 43 Resp: 47224

Ion	Ratio	Lower	Upper
43	100		
70	40.3	32.2	48.2
55	25.6	19.6	29.4
61	22.6	18.3	27.5



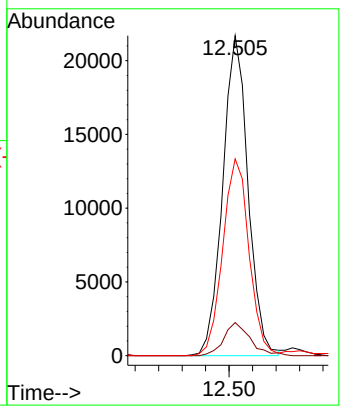


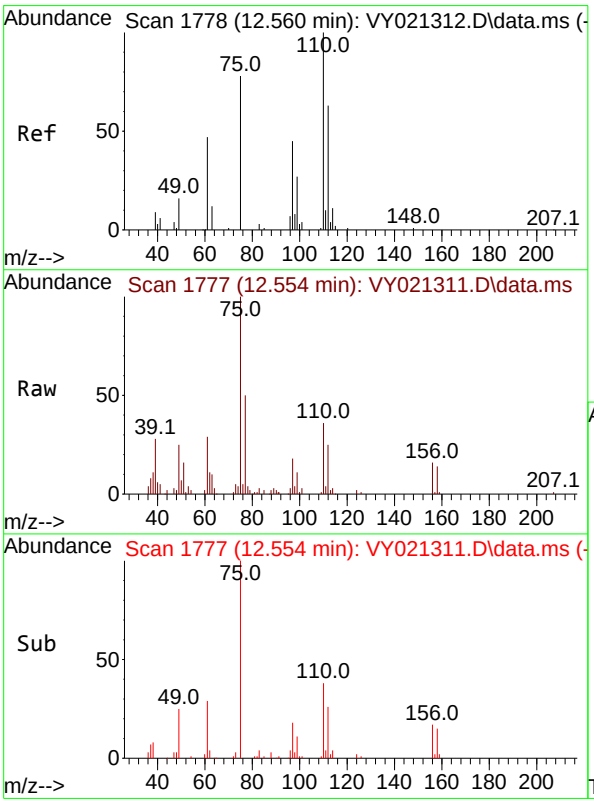
#75
1,1,2,2-Tetrachloroethane
Concen: 18.717 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 32419

Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.2	15.6
85	63.8	32.0	96.0

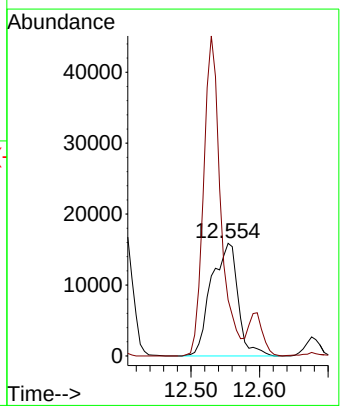


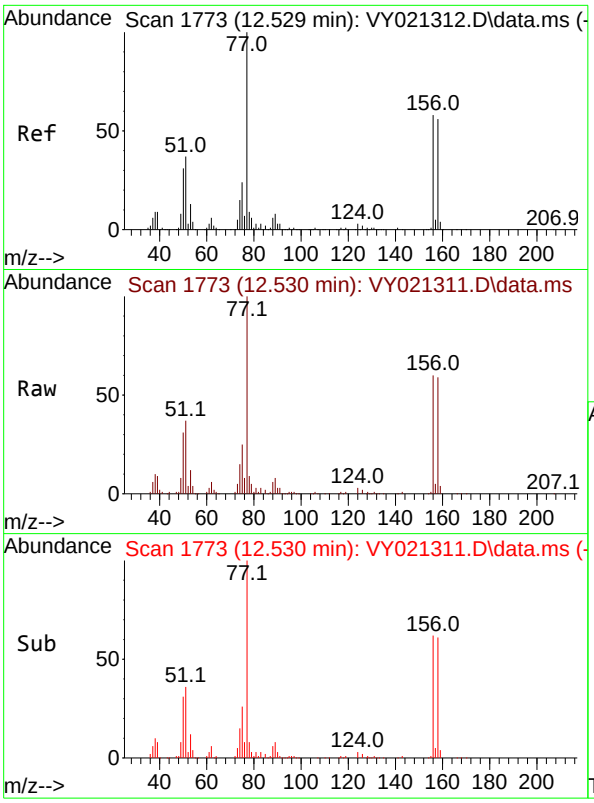


#76
1,2,3-Trichloropropane
Concen: 32.817 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 75 Resp: 43143

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



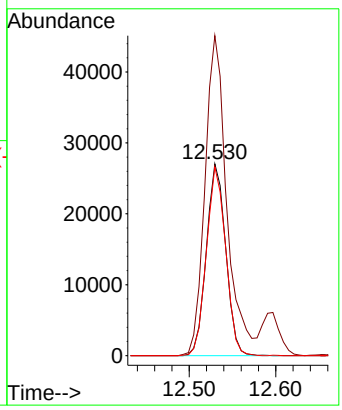


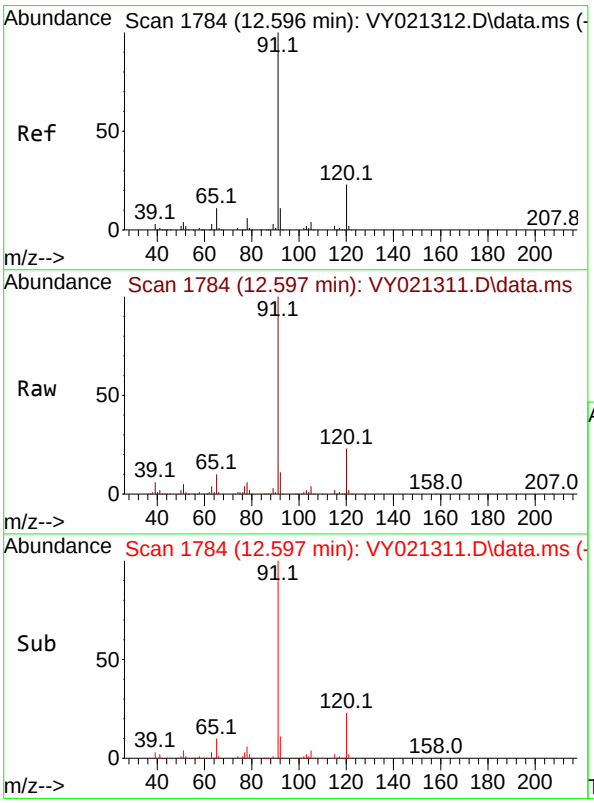
#77
Bromobenzene
Concen: 18.433 ug/l
RT: 12.530 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 42078

Ion	Ratio	Lower	Upper
156	100		
77	186.1	94.0	282.1
158	97.9	48.7	146.1

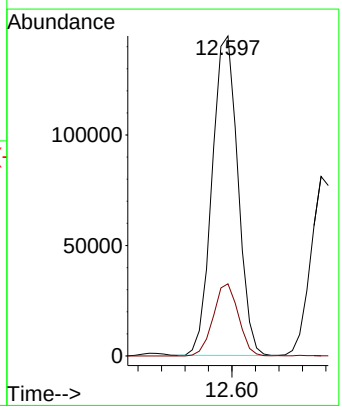


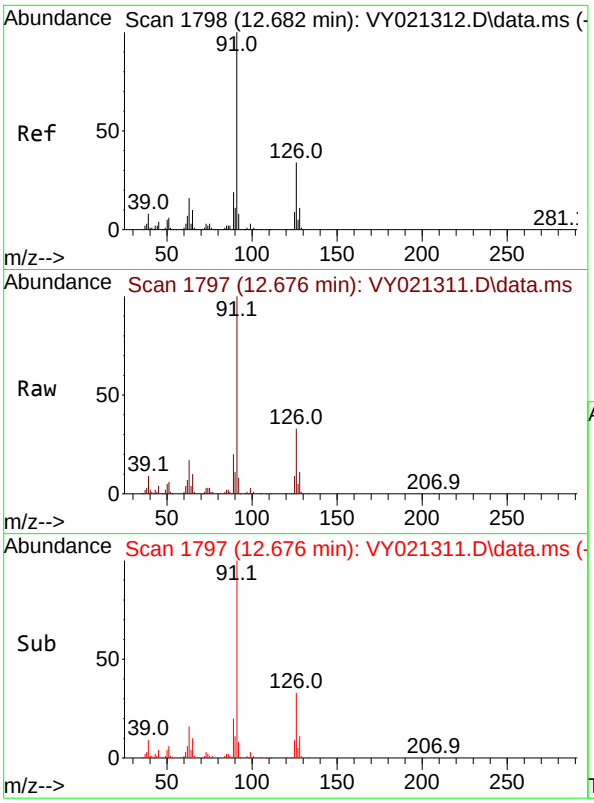


#78
n-propylbenzene
Concen: 18.486 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 91 Resp: 220158

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.2	33.5



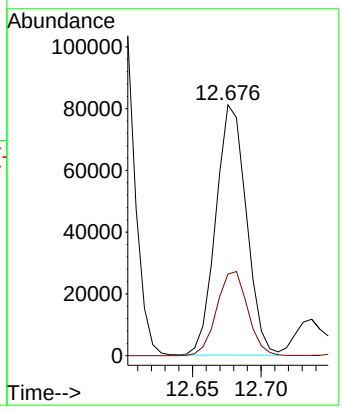


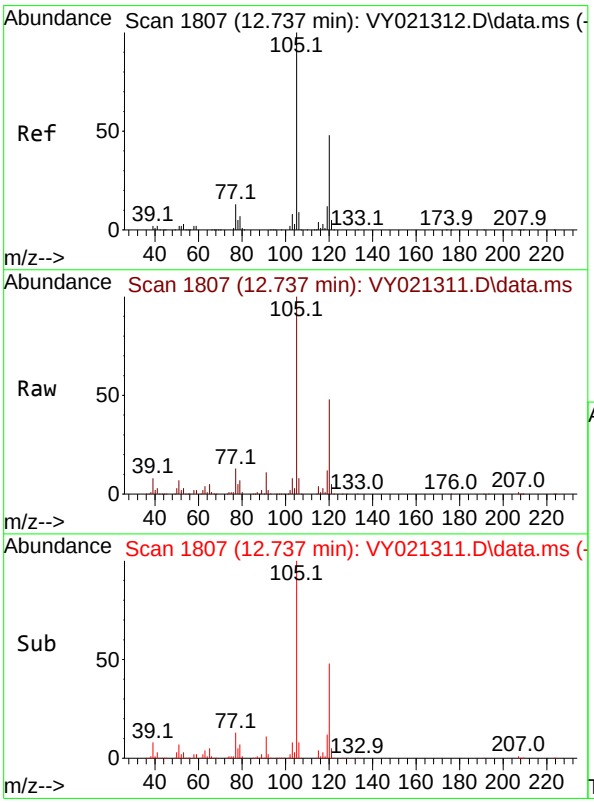
#79
2-Chlorotoluene
Concen: 18.430 ug/l
RT: 12.676 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 125969

Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.9	50.6

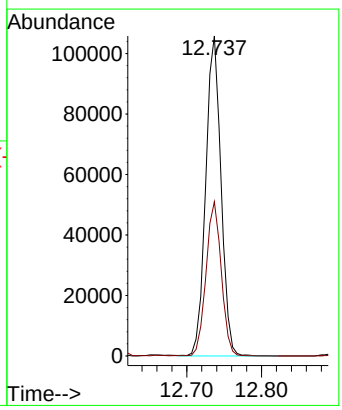


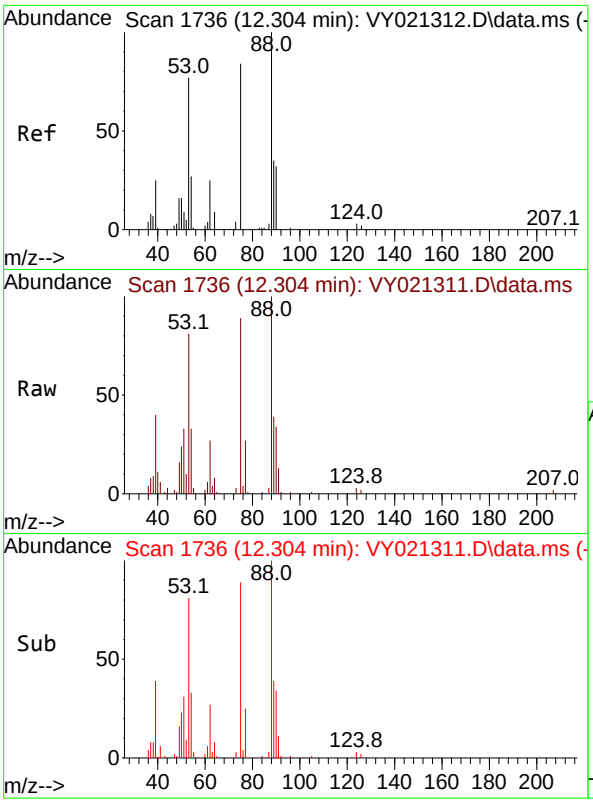


#80
1,3,5-Trimethylbenzene
Concen: 18.635 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:105 Resp: 150004

Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.3	73.0



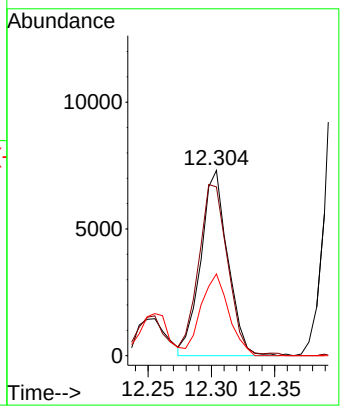


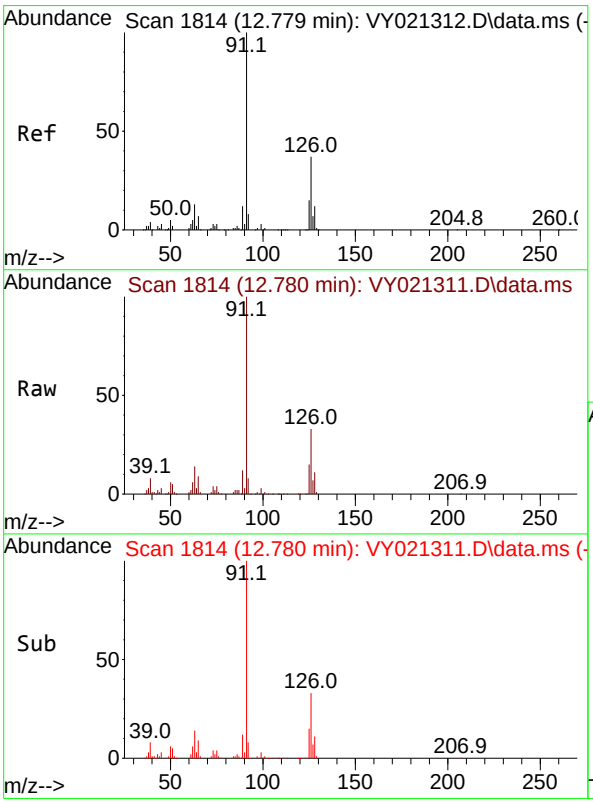
#81
trans-1,4-Dichloro-2-butene
Concen: 18.483 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 10866

Ion	Ratio	Lower	Upper
75	100		
53	100.2	79.1	118.7
89	44.9	35.6	53.4

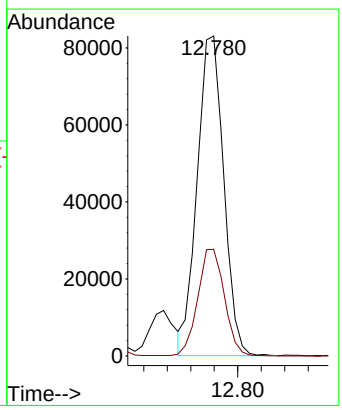


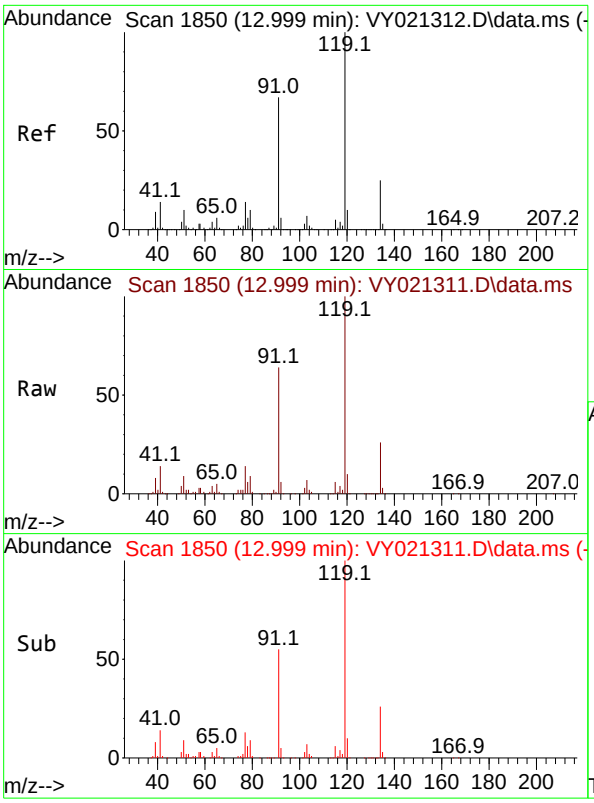


#82
4-Chlorotoluene
Concen: 18.396 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 91 Resp: 130335

Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.8	50.4



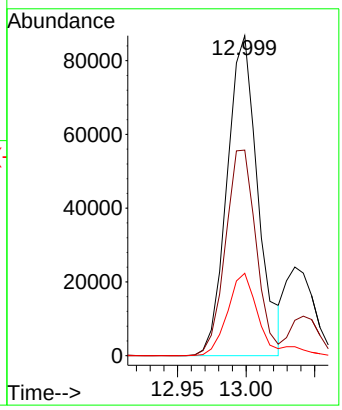


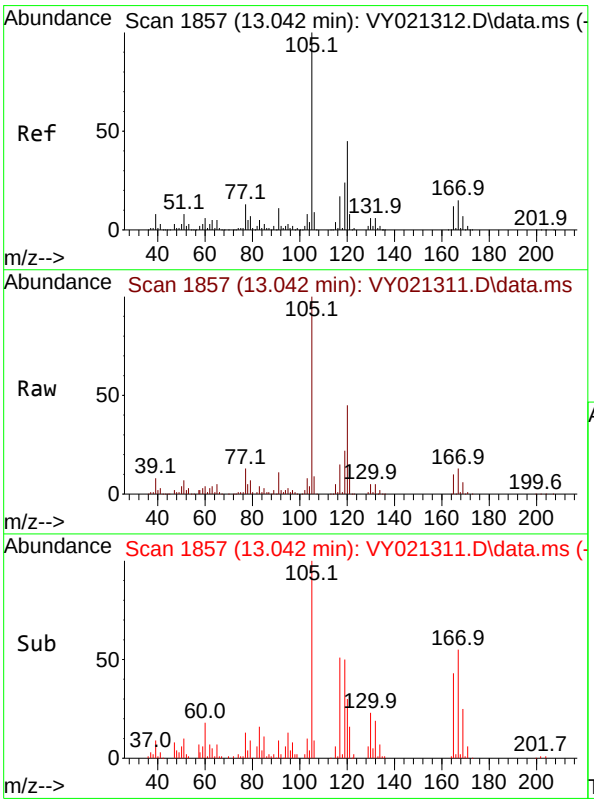
#83
tert-Butylbenzene
Concen: 18.681 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 135829

Ion	Ratio	Lower	Upper
119	100		
91	64.0	32.7	98.1
134	26.8	13.3	39.9

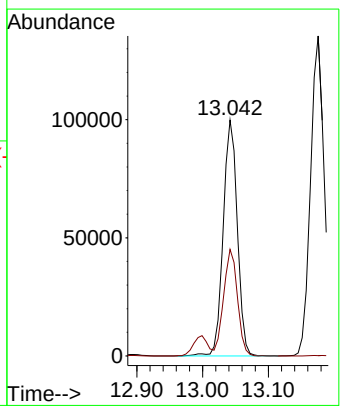


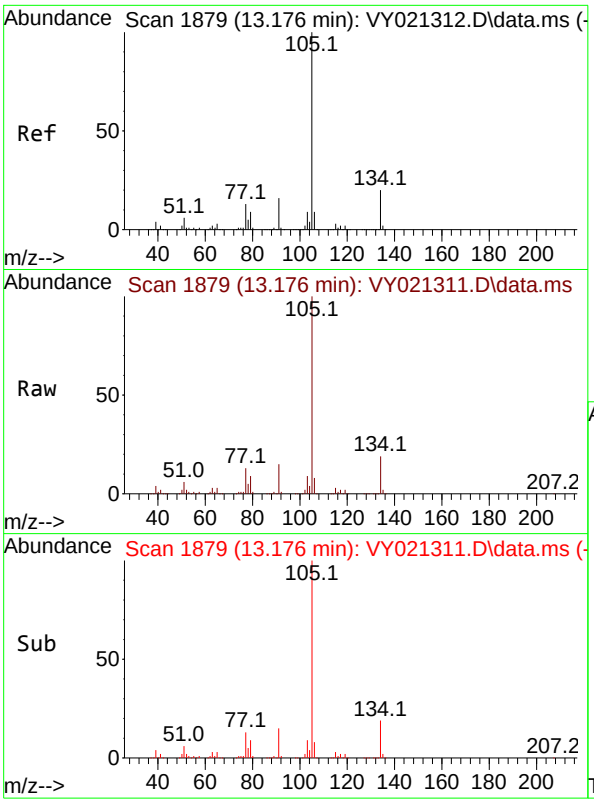


#84
1,2,4-Trimethylbenzene
Concen: 18.657 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:105 Resp: 149358

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.4	67.3



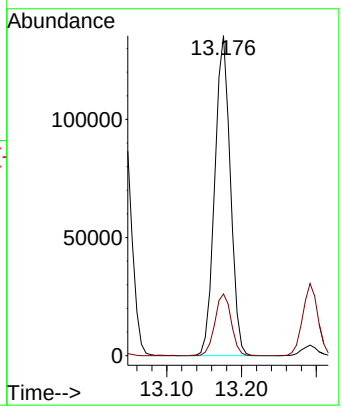


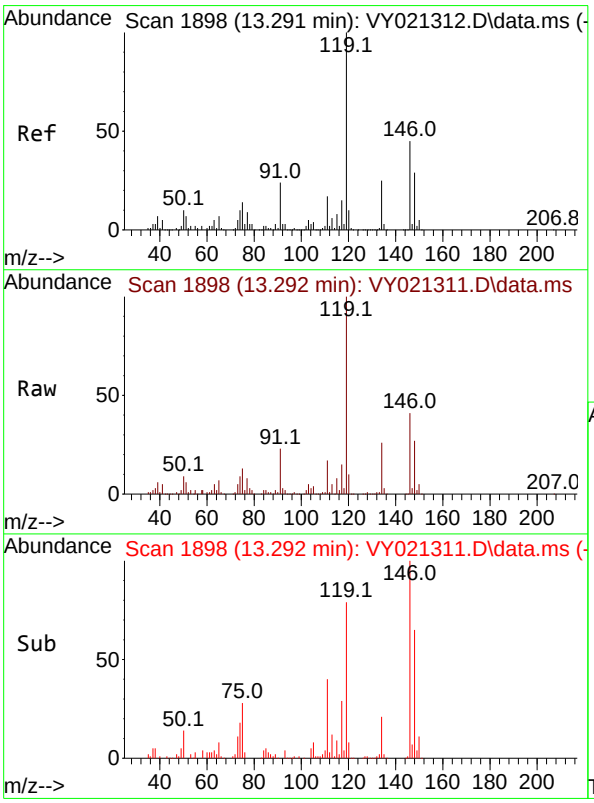
#85
sec-Butylbenzene
Concen: 18.486 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 196335

Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.0	30.0

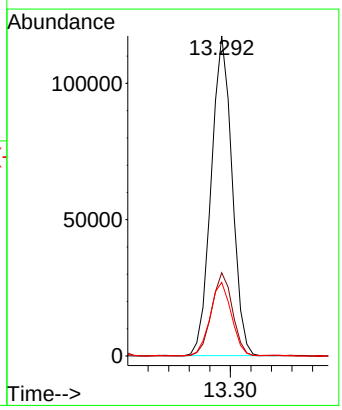


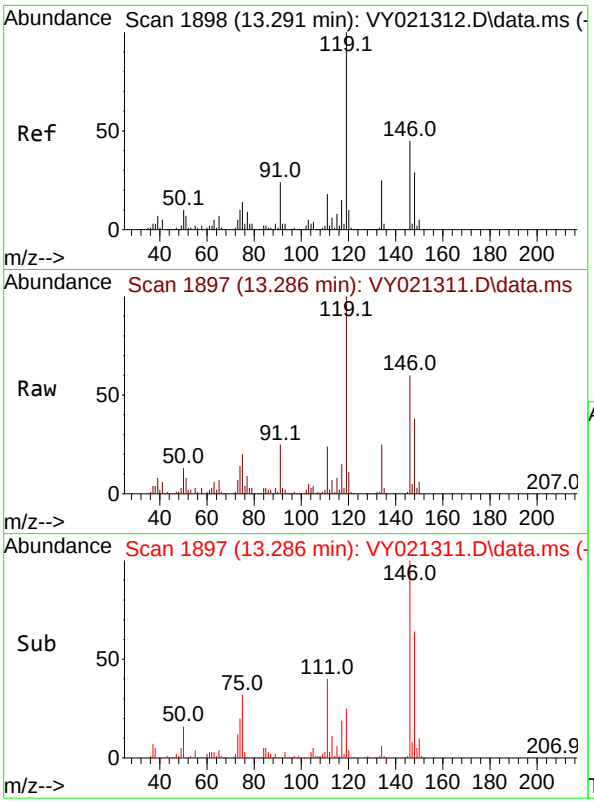


#86
p-Isopropyltoluene
Concen: 18.620 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:119 Resp: 165127

Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.0	38.9
91	23.5	12.0	36.1



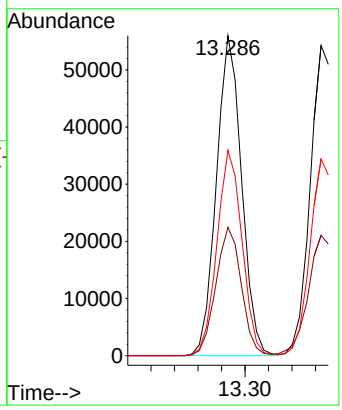


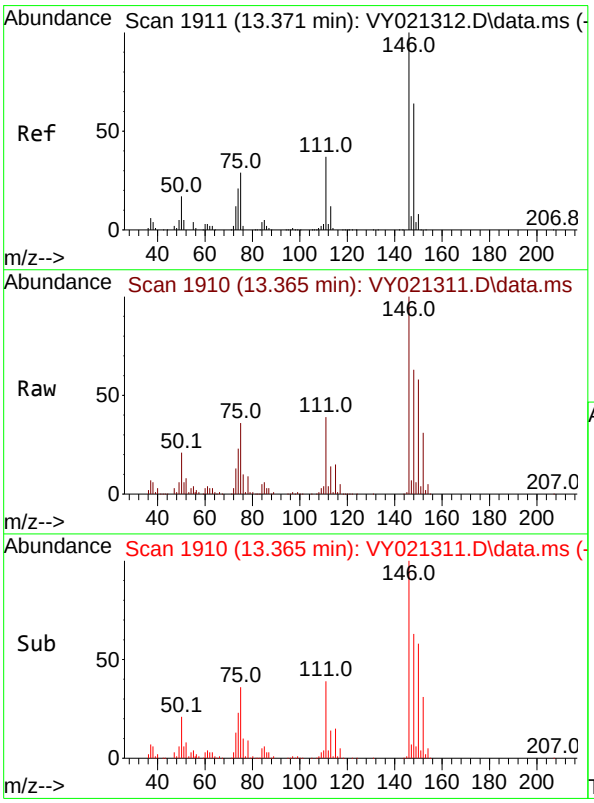
#87
1,3-Dichlorobenzene
Concen: 18.483 ug/l
RT: 13.286 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 83463

Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.0	59.9
148	64.0	31.9	95.9

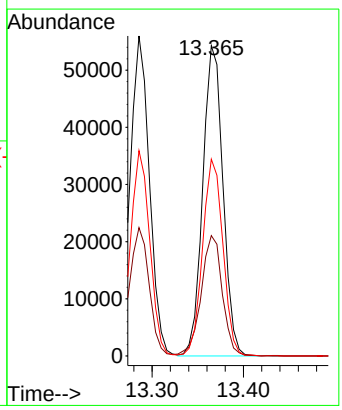


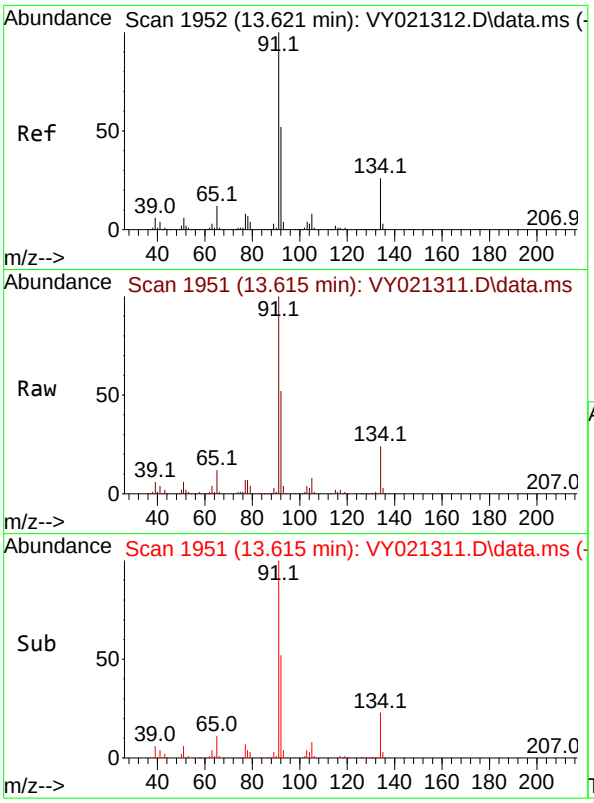


#88
1,4-Dichlorobenzene
Concen: 18.646 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:146 Resp: 83179

Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.5	58.5
148	63.9	32.0	96.2



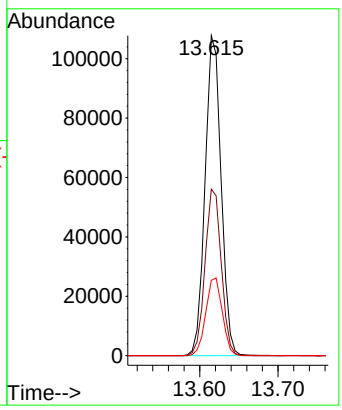


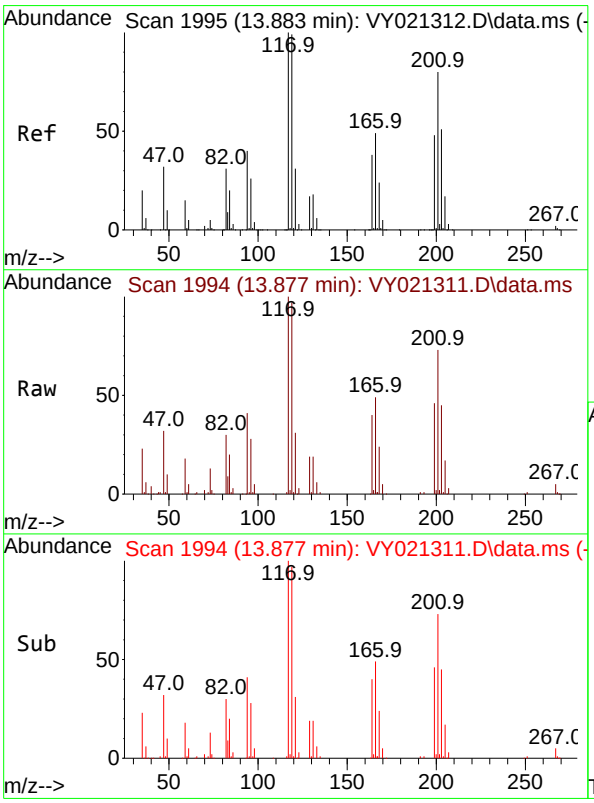
#89
n-Butylbenzene
Concen: 18.337 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 153032

Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.4	79.2
134	25.0	12.7	38.0

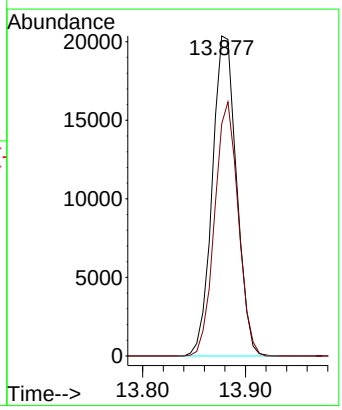


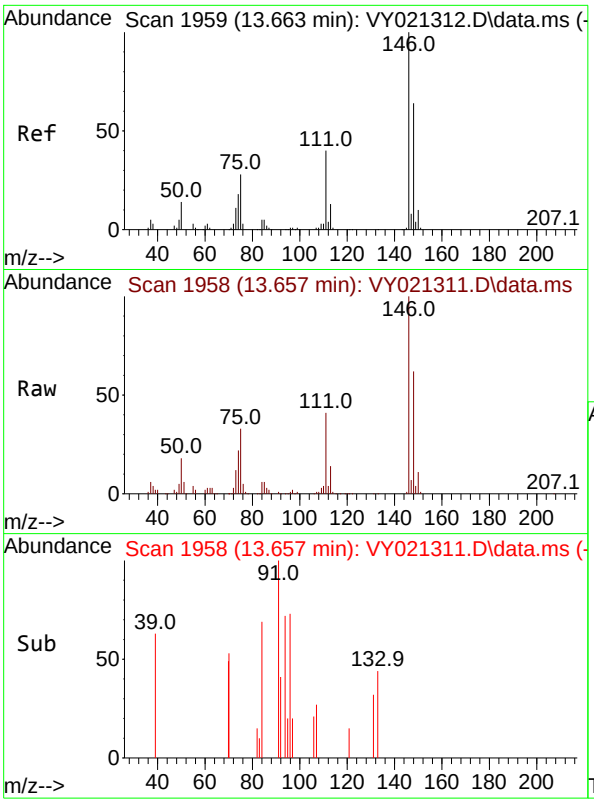


#90
Hexachloroethane
Concen: 17.998 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:117 Resp: 33341

Ion	Ratio	Lower	Upper
117	100		
201	77.3	38.4	115.2



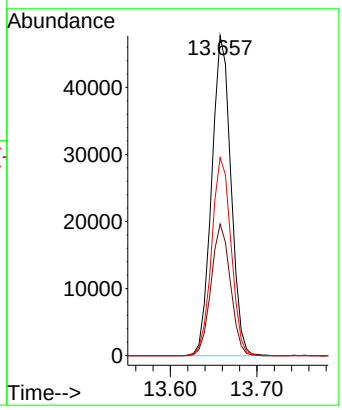


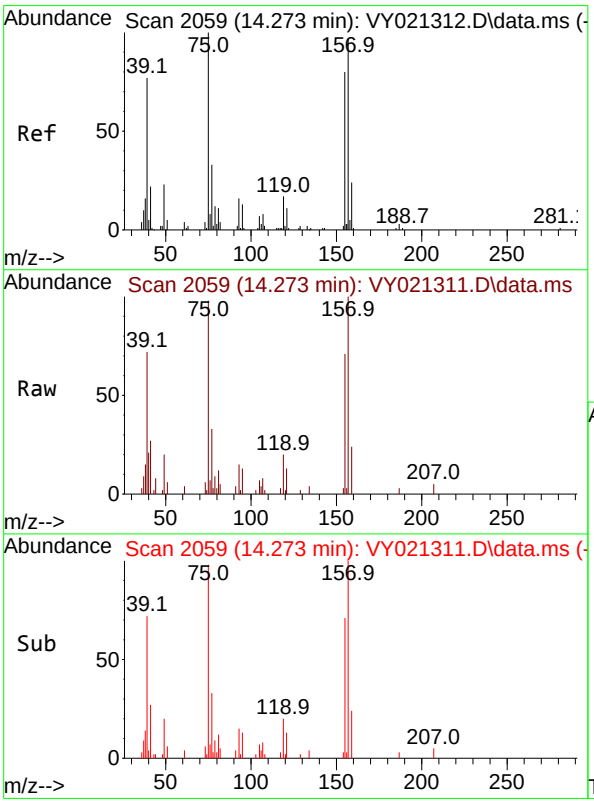
#91
1,2-Dichlorobenzene
Concen: 18.581 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 73513

Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.7	62.1
148	62.8	31.7	95.1

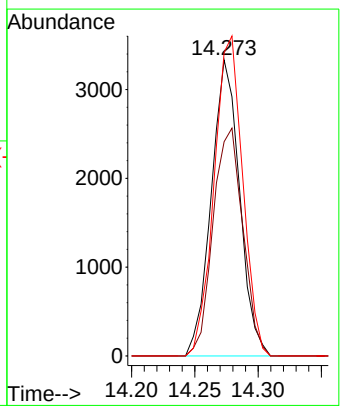


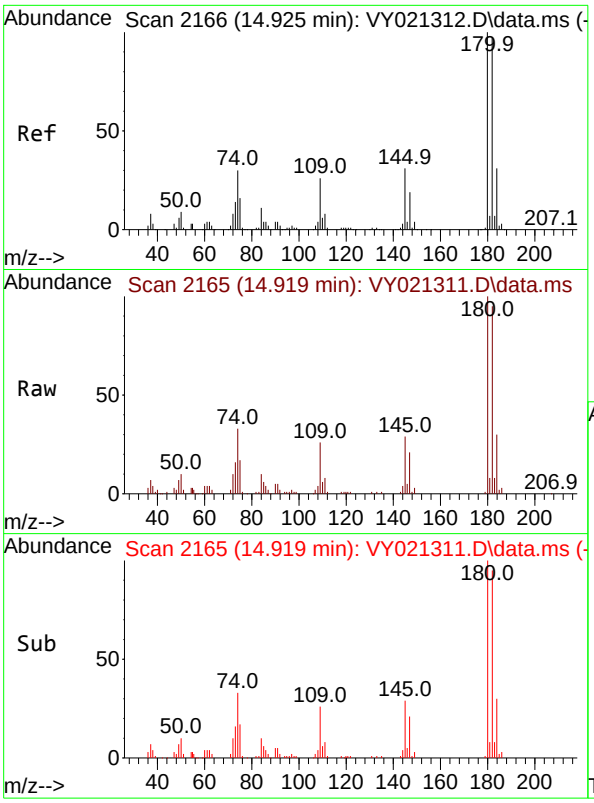


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.908 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 75 Resp: 5181

Ion	Ratio	Lower	Upper
75	100		
155	81.2	41.9	125.6
157	109.0	52.5	157.6



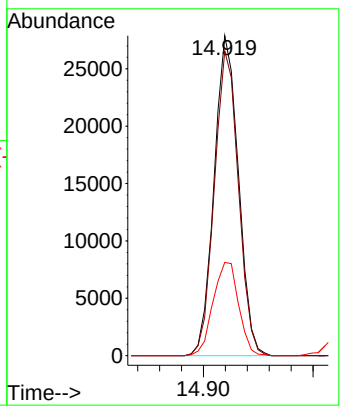


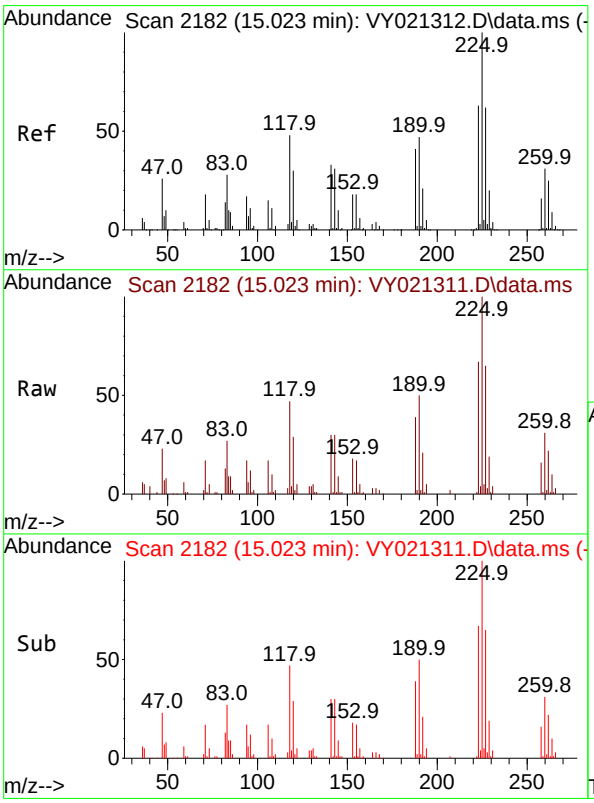
#93
1,2,4-Trichlorobenzene
Concen: 17.770 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:180 Resp: 42908

Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.9	143.7
145	30.7	15.6	46.8

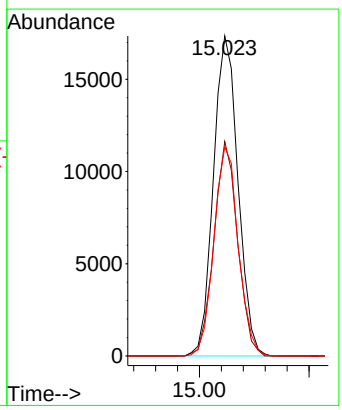


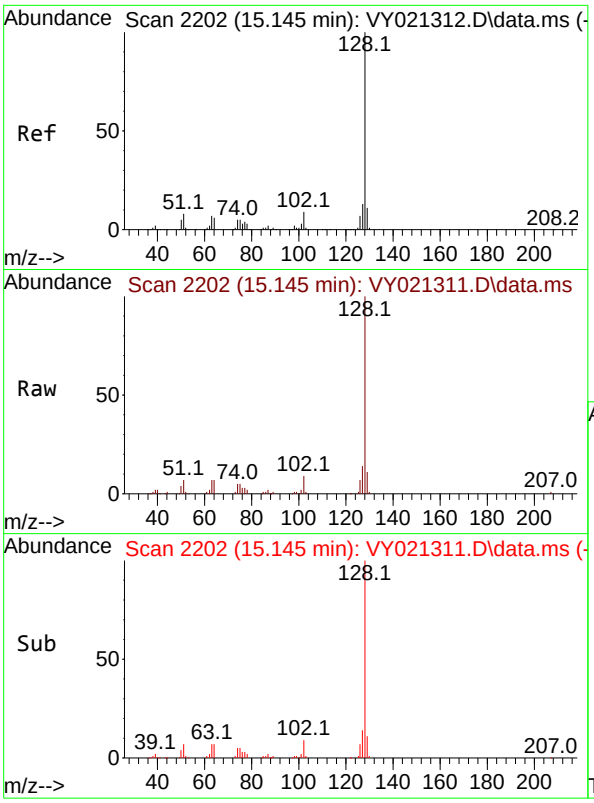


#94
Hexachlorobutadiene
Concen: 17.771 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:225 Resp: 27015

Ion	Ratio	Lower	Upper
225	100		
223	64.5	31.8	95.4
227	64.7	31.9	95.7



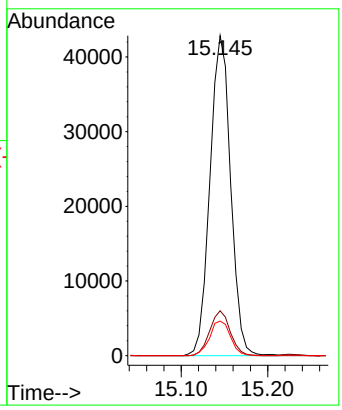


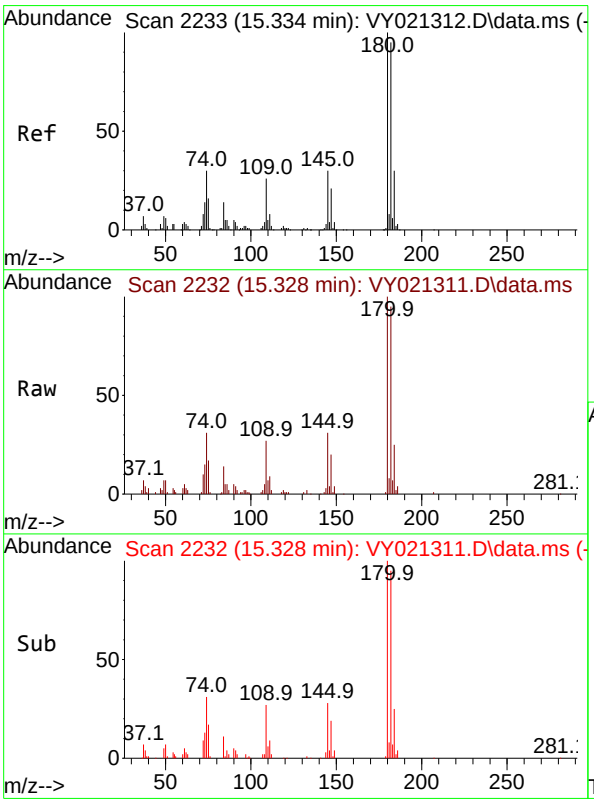
#95
Naphthalene
Concen: 17.763 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:128 Resp: 71044

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.5	15.7
129	10.9	8.5	12.7

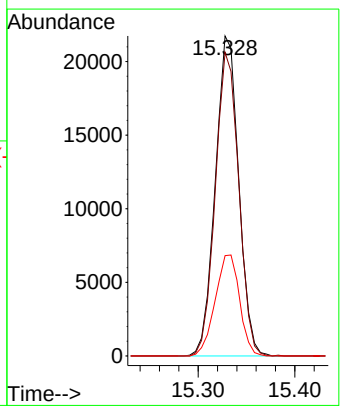




#96
1,2,3-Trichlorobenzene
Concen: 17.871 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:180 Resp: 36460

Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.3	144.9
145	32.9	16.1	48.3



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021312.D
Acq On : 25 Feb 2025 14:48
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Quant Time: Feb 26 01:45:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	175365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	272563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	239724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	121718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	96694	48.606	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 97.220%			
35) Dibromofluoromethane	7.634	113	88513	49.533	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.060%			
50) Toluene-d8	10.103	98	340929	49.367	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.740%			
62) 4-Bromofluorobenzene	12.408	95	115401	49.652	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.300%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	86387	51.957	ug/l	100
3) Chloromethane	2.068	50	105626	49.191	ug/l	100
4) Vinyl Chloride	2.202	62	109961	52.173	ug/l	100
5) Bromomethane	2.592	94	67780	48.395	ug/l	100
6) Chloroethane	2.732	64	68323	52.276	ug/l	100
7) Trichlorofluoromethane	3.056	101	164215	51.592	ug/l	100
8) Diethyl Ether	3.452	74	50185	52.532	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	94197	51.116	ug/l	100
10) Methyl Iodide	4.007	142	111673	57.600	ug/l	100
11) Tert butyl alcohol	4.854	59	35300	230.691	ug/l	100
12) 1,1-Dichloroethene	3.787	96	90388	51.226	ug/l	100
13) Acrolein	3.647	56	5860	49.975	ug/l	100
14) Allyl chloride	4.385	41	162419	51.918	ug/l	100
15) Acrylonitrile	5.055	53	111677	264.397	ug/l	100
16) Acetone	3.866	43	111923	293.294	ug/l	100
17) Carbon Disulfide	4.104	76	304042	51.892	ug/l	100
18) Methyl Acetate	4.385	43	48368	51.864	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	247280	53.043	ug/l	100
20) Methylene Chloride	4.610	84	102592	49.716	ug/l	100
21) trans-1,2-Dichloroethene	5.110	96	100568	51.774	ug/l	100
22) Diisopropyl ether	6.012	45	343920	53.126	ug/l	100
23) Vinyl Acetate	5.957	43	1041767	269.294	ug/l	100
24) 1,1-Dichloroethane	5.915	63	189943	52.057	ug/l	100
25) 2-Butanone	6.890	43	160248	278.240	ug/l	100
26) 2,2-Dichloropropane	6.884	77	170469	51.489	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	116627	52.579	ug/l	100
28) Bromochloromethane	7.244	49	79678	49.352	ug/l	100
29) Tetrahydrofuran	7.256	42	100417	266.741	ug/l	100
30) Chloroform	7.421	83	191980	51.925	ug/l	100
31) Cyclohexane	7.701	56	173460	49.456	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	172880	51.372	ug/l	100
36) 1,1-Dichloropropene	7.835	75	140574	52.371	ug/l	100
37) Ethyl Acetate	6.982	43	70184	52.565	ug/l	100
38) Carbon Tetrachloride	7.817	117	158319	52.465	ug/l	100
39) Methylcyclohexane	9.109	83	180496	53.165	ug/l	100
40) Benzene	8.079	78	417798	52.655	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021312.D
Acq On : 25 Feb 2025 14:48
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Quant Time: Feb 26 01:45:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.219	41	39965	53.535	ug/l		100
42) 1,2-Dichloroethane	8.158	62	118176	52.494	ug/l		100
43) Isopropyl Acetate	8.195	43	139829	54.106	ug/l		100
44) Trichloroethene	8.865	130	104074	52.389	ug/l		100
45) 1,2-Dichloropropane	9.140	63	101166	52.980	ug/l		100
46) Dibromomethane	9.231	93	55365	53.043	ug/l		100
47) Bromodichloromethane	9.420	83	147382	52.957	ug/l		100
48) Methyl methacrylate	9.219	41	67406	55.775	ug/l		100
49) 1,4-Dioxane	9.231	88	12193	1050.591	ug/l		100
51) 4-Methyl-2-Pentanone	9.999	43	364446	275.485	ug/l		100
52) Toluene	10.170	92	263062	53.367	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	140399	55.062	ug/l		100
54) cis-1,3-Dichloropropene	9.853	75	161021	53.492	ug/l		100
55) 1,1,2-Trichloroethane	10.572	97	72720	53.481	ug/l		100
56) Ethyl methacrylate	10.438	69	106914	56.904	ug/l		100
57) 1,3-Dichloropropane	10.719	76	127795	53.559	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	260718	289.104	ug/l		100
59) 2-Hexanone	10.761	43	249578	287.258	ug/l		100
60) Dibromochloromethane	10.908	129	100250	54.134	ug/l		100
61) 1,2-Dibromoethane	11.018	107	69236	53.783	ug/l		100
64) Tetrachloroethene	10.646	164	93317	51.501	ug/l		100
65) Chlorobenzene	11.444	112	281918	52.390	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.517	131	99131	52.611	ug/l		100
67) Ethyl Benzene	11.517	91	510639	53.573	ug/l		100
68) m/p-Xylenes	11.627	106	384346	107.204	ug/l		100
69) o-Xylene	11.956	106	181728	54.108	ug/l		100
70) Styrene	11.969	104	306007	54.760	ug/l		100
71) Bromoform	12.133	173	58860	54.605	ug/l		100
73) Isopropylbenzene	12.255	105	483937	52.885	ug/l		100
74) N-amyl acetate	12.072	43	129020	55.471	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.505	83	84893	52.566	ug/l		100
76) 1,2,3-Trichloropropane	12.560	75	112709	91.951	ug/l	#	100
77) Bromobenzene	12.529	156	110538	51.935	ug/l		100
78) n-propylbenzene	12.596	91	587915	52.946	ug/l		100
79) 2-Chlorotoluene	12.682	91	330472	51.857	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	395609	52.712	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	29649	54.090	ug/l		100
82) 4-Chlorotoluene	12.779	91	342611	51.864	ug/l		100
83) tert-Butylbenzene	12.999	119	352055	51.930	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	395315	52.962	ug/l		100
85) sec-Butylbenzene	13.176	105	518094	52.319	ug/l		100
86) p-Isopropyltoluene	13.291	119	437283	52.884	ug/l		100
87) 1,3-Dichlorobenzene	13.291	146	218136	51.811	ug/l		100
88) 1,4-Dichlorobenzene	13.371	146	213090	51.233	ug/l		100
89) n-Butylbenzene	13.621	91	416377	53.510	ug/l		100
90) Hexachloroethane	13.883	117	87765	50.814	ug/l		100
91) 1,2-Dichlorobenzene	13.663	146	191758	51.985	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13782	53.947	ug/l		100
93) 1,2,4-Trichlorobenzene	14.925	180	117882	52.360	ug/l		100
94) Hexachlorobutadiene	15.023	225	71915	50.738	ug/l		100
95) Naphthalene	15.145	128	209478	56.174	ug/l		100
96) 1,2,3-Trichlorobenzene	15.334	180	100312	52.735	ug/l		100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021312.D
Acq On : 25 Feb 2025 14:48
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Quant Time: Feb 26 01:45:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021312.D
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Sample : VSTDICCC050
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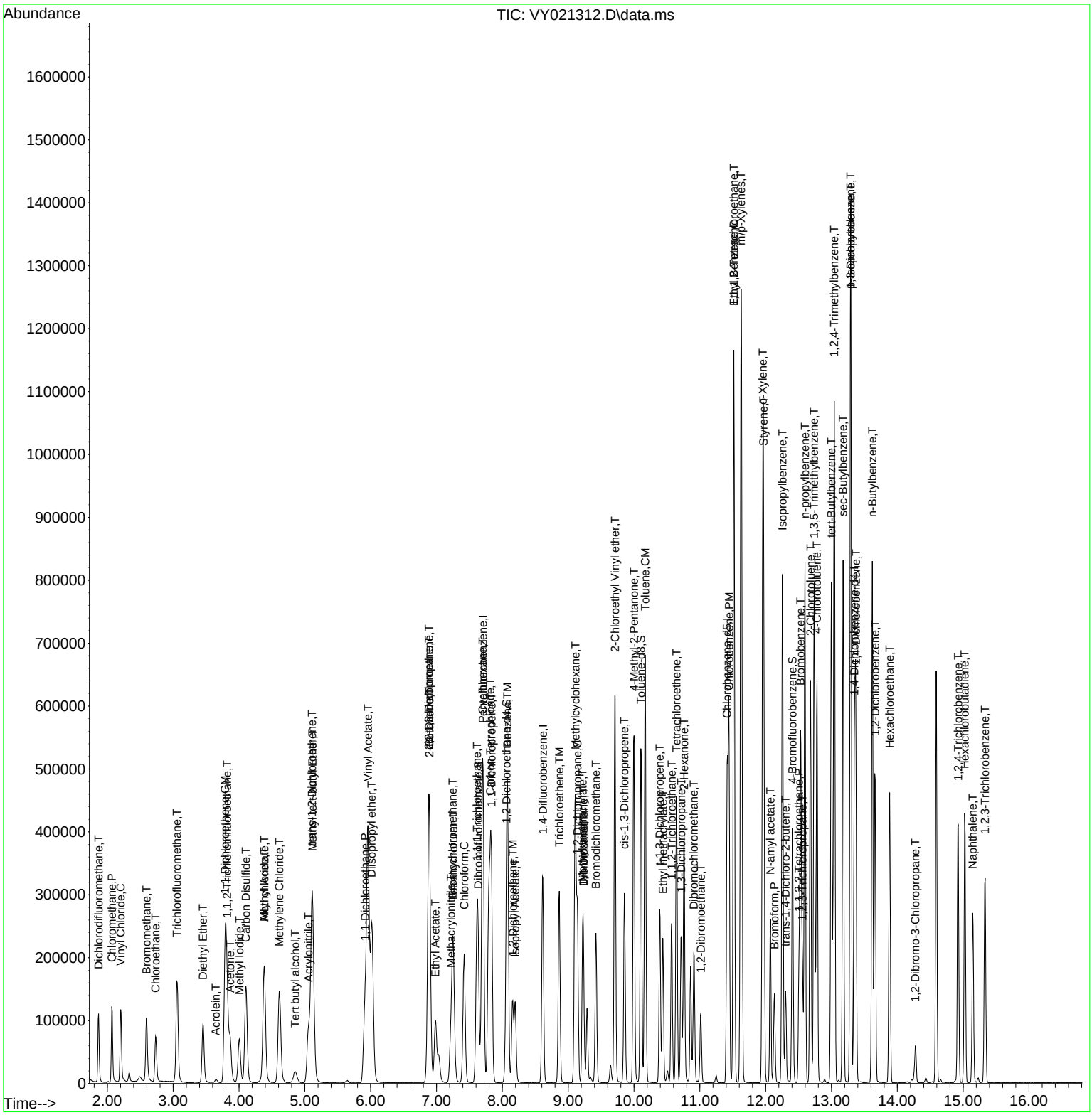
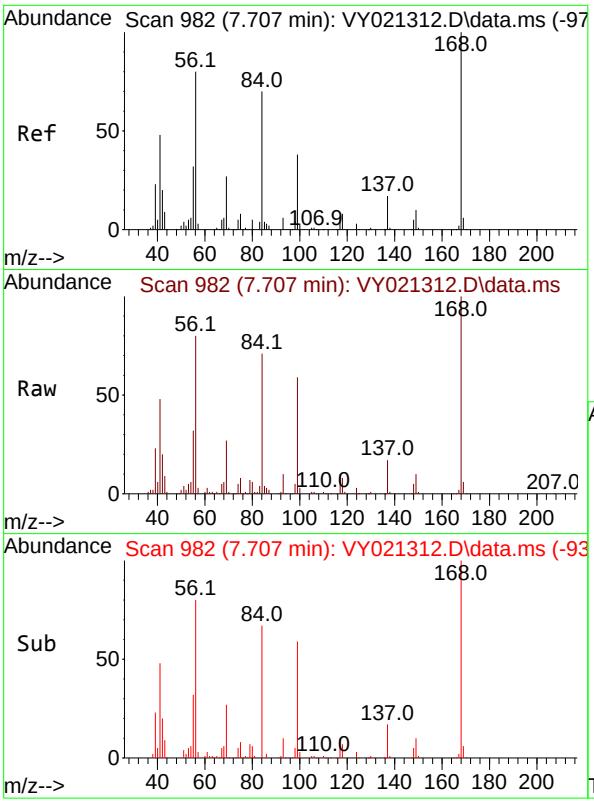
MSVOA_Y
ClientSampleId :
VSTDICCC050

Quant Time: Feb 26 01:45:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration



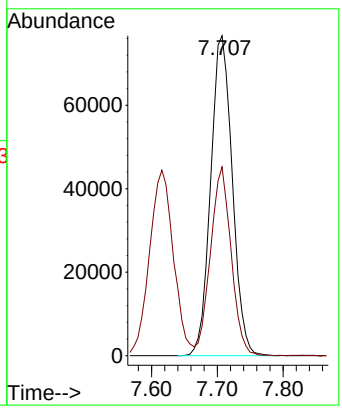


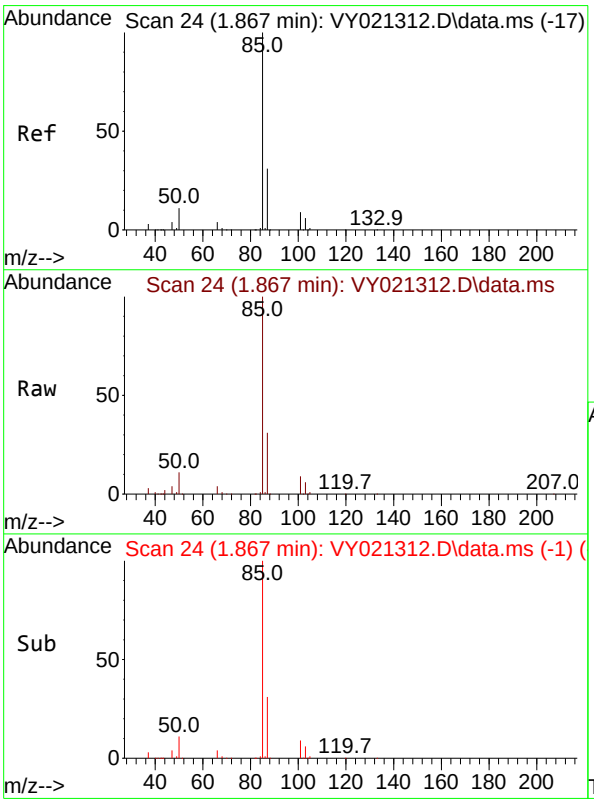
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:168 Resp: 175365

Ion	Ratio	Lower	Upper
168	100		
99	58.9	47.1	70.7

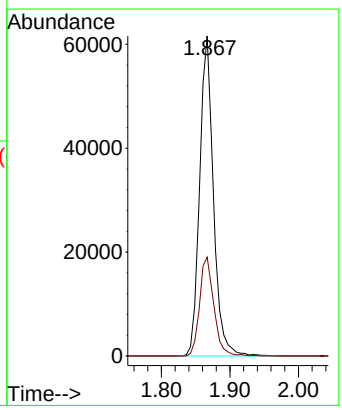


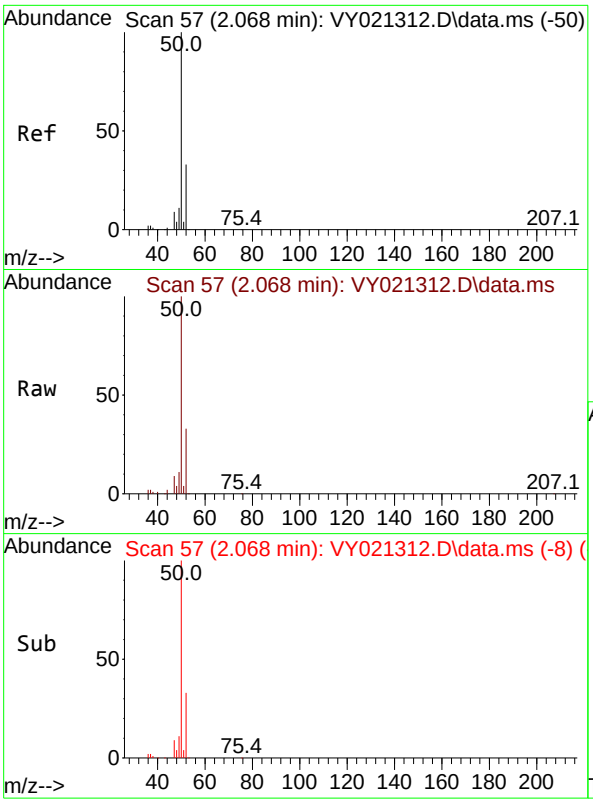


#2
Dichlorodifluoromethane
Concen: 51.957 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 85 Resp: 86387

Ion	Ratio	Lower	Upper
85	100		
87	30.9	15.4	46.4



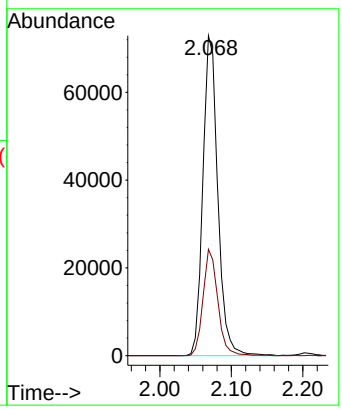


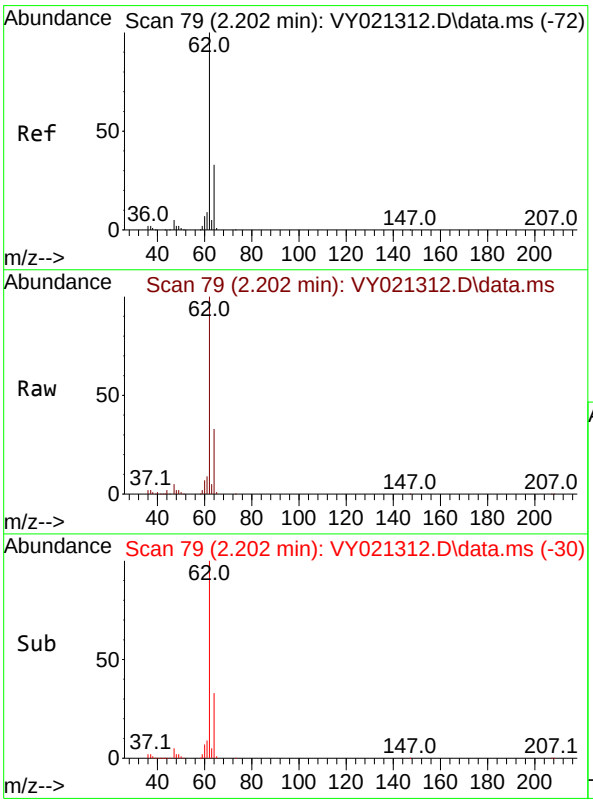
#3
Chloromethane
Concen: 49.191 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 50 Resp: 105626

Ion	Ratio	Lower	Upper
50	100		
52	33.3	26.6	40.0

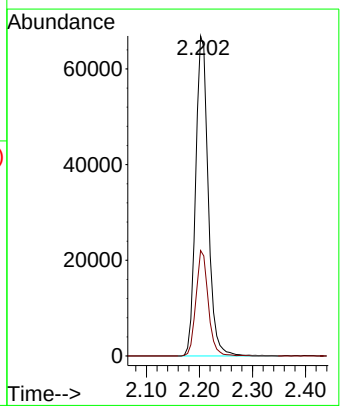


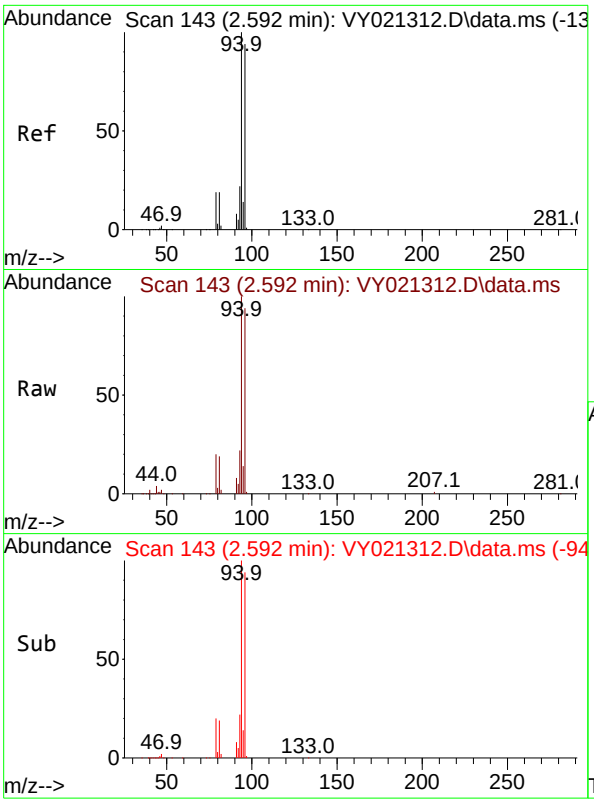


#4
Vinyl Chloride
Concen: 52.173 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 62 Resp: 109961

Ion	Ratio	Lower	Upper
62	100		
64	32.9	26.3	39.5



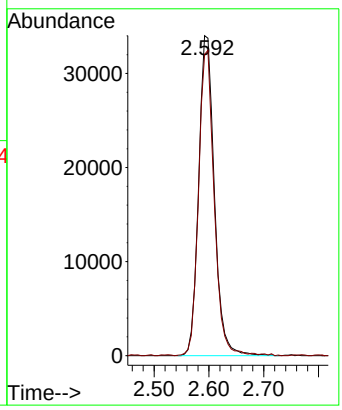


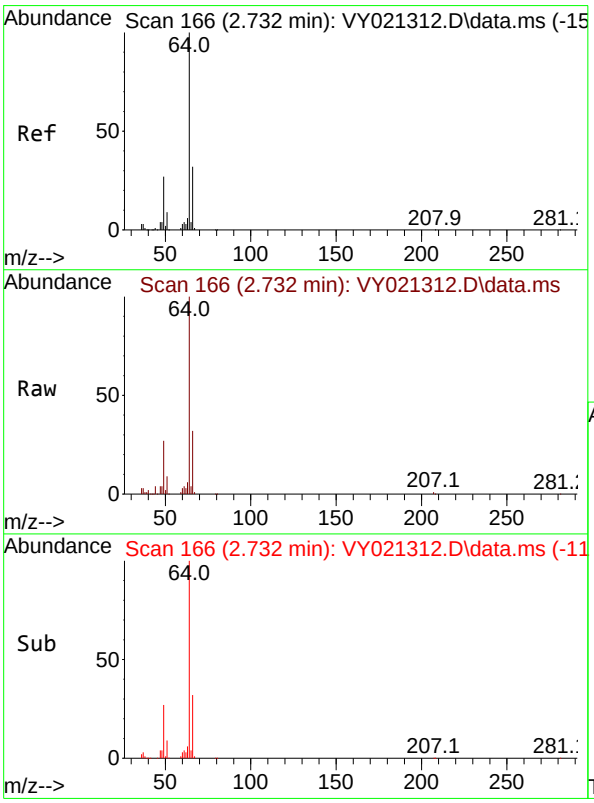
#5
Bromomethane
Concen: 48.395 ug/l
RT: 2.592 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 94 Resp: 67780

Ion	Ratio	Lower	Upper
94	100		
96	94.0	75.2	112.8

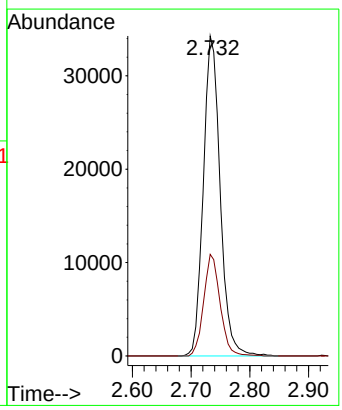


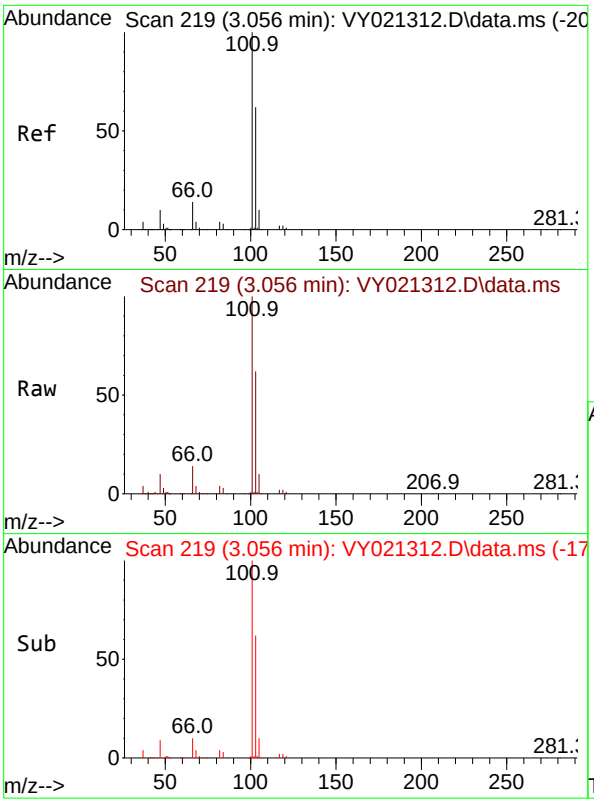


#6
Chloroethane
Concen: 52.276 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 64 Resp: 68323

Ion	Ratio	Lower	Upper
64	100		
66	31.7	25.4	38.0



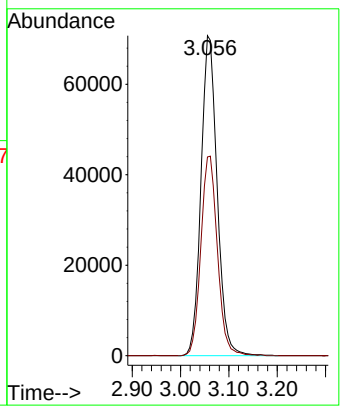


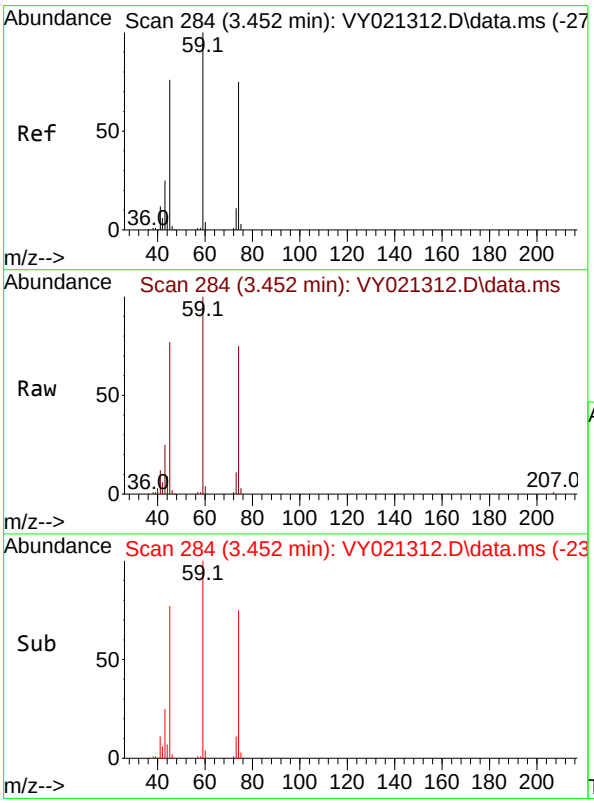
#7
Trichlorofluoromethane
Concen: 51.592 ug/l
RT: 3.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 164215

Ion	Ratio	Lower	Upper
101	100		
103	62.1	49.7	74.5

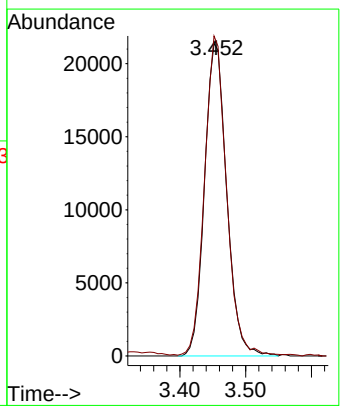


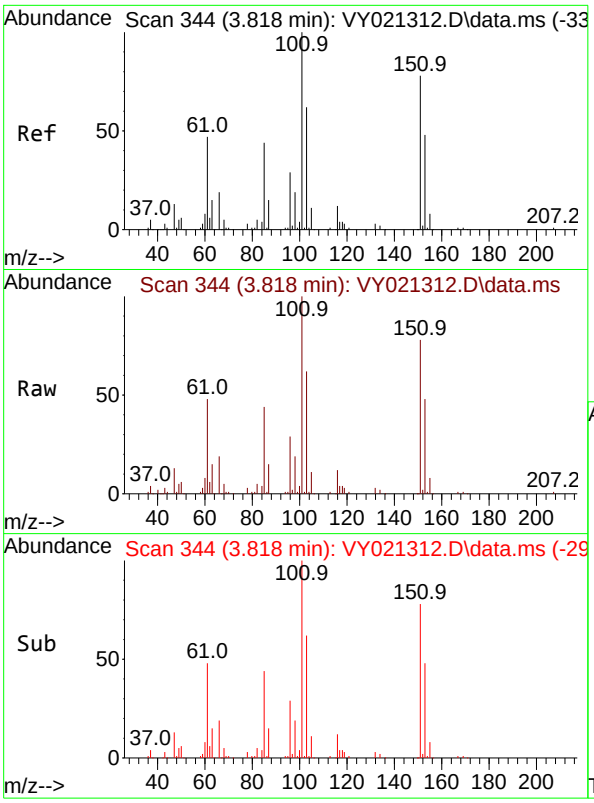


#8
Diethyl Ether
Concen: 52.532 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 74 Resp: 50185

Ion	Ratio	Lower	Upper
74	100		
45	100.6	50.3	150.9



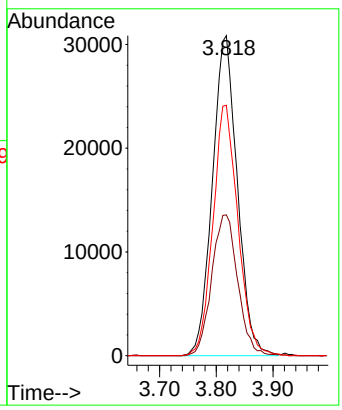


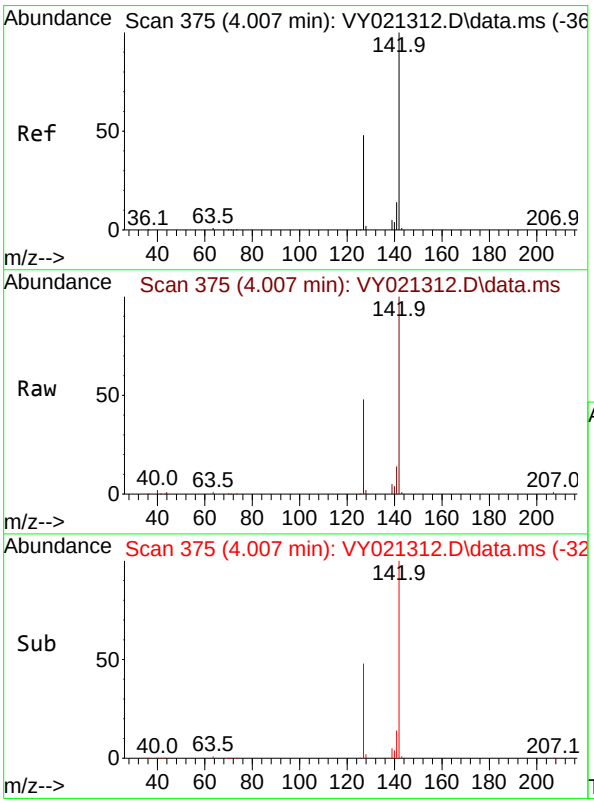
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.116 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 94197

Ion	Ratio	Lower	Upper
101	100		
85	45.9	36.7	55.1
151	78.3	62.6	94.0

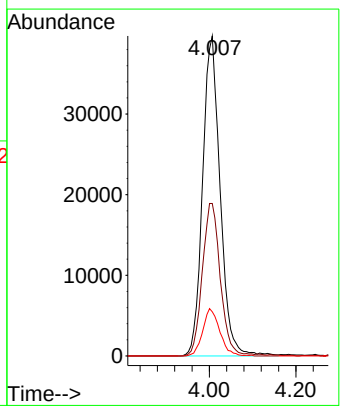


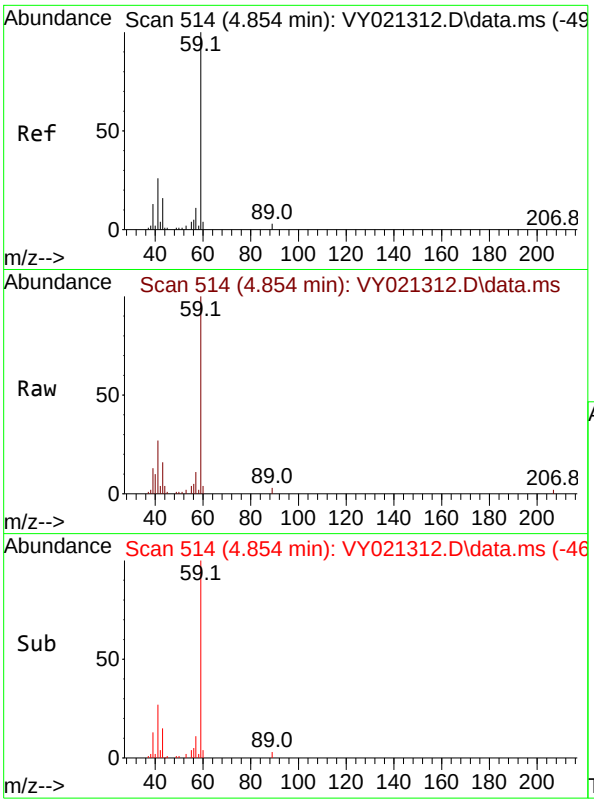


#10
Methyl Iodide
Concen: 57.600 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:142 Resp: 111673

Ion	Ratio	Lower	Upper
142	100		
127	49.0	39.2	58.8
141	14.3	11.4	17.2



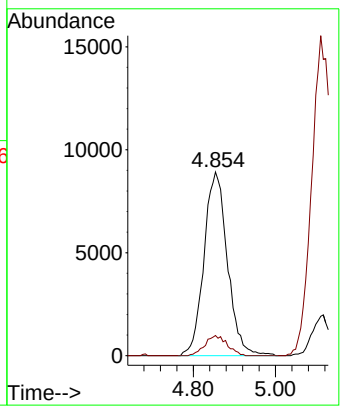


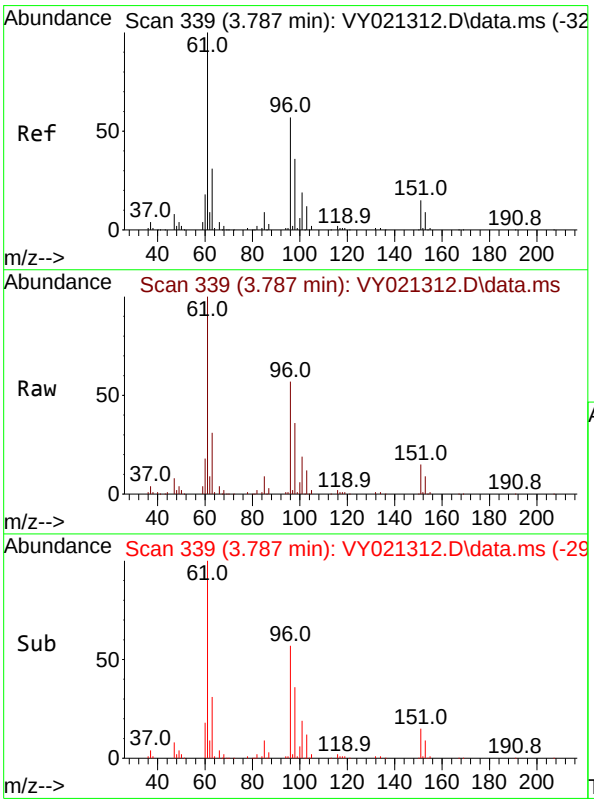
#11
Tert butyl alcohol
Concen: 230.691 ug/l
RT: 4.854 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 35300

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

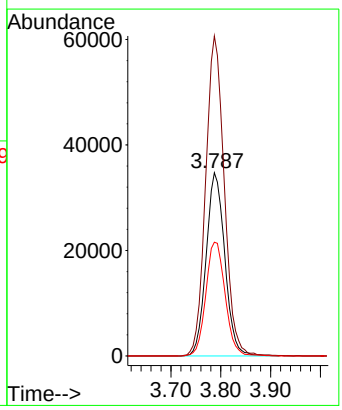


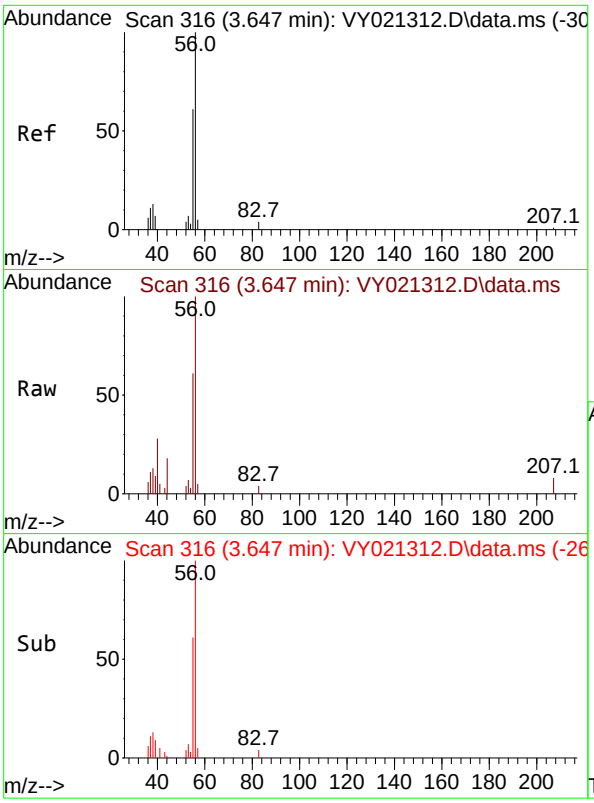


#12
1,1-Dichloroethene
Concen: 51.226 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 96 Resp: 90388

Ion	Ratio	Lower	Upper
96	100		
61	174.6	139.7	209.5
98	62.1	49.7	74.5



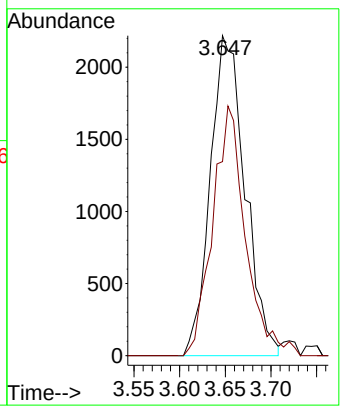


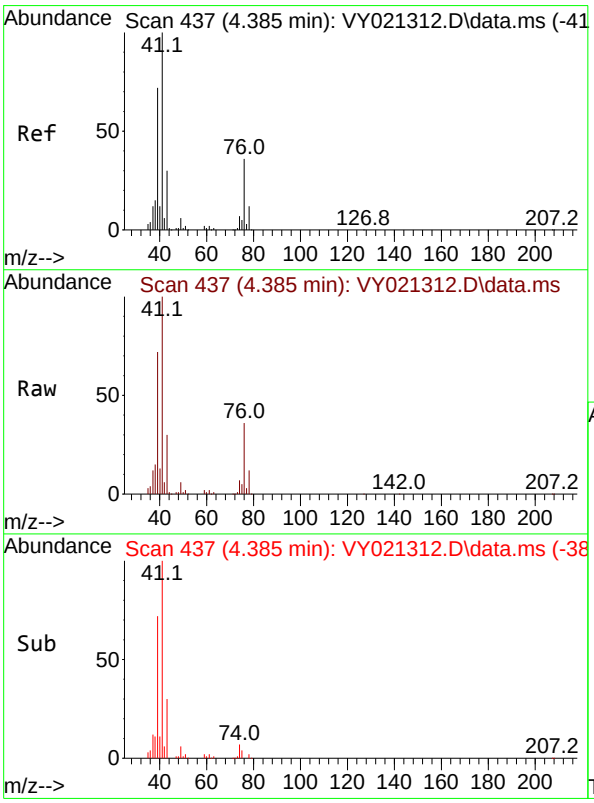
#13
Acrolein
Concen: 49.975 ug/l
RT: 3.647 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 5860

Ion	Ratio	Lower	Upper
56	100		
55	73.8	59.0	88.6

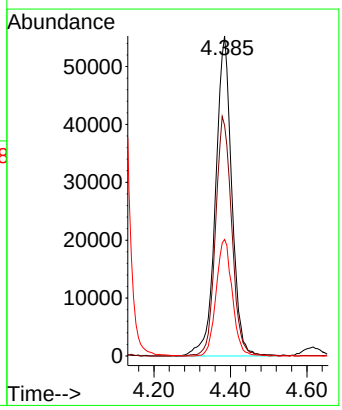


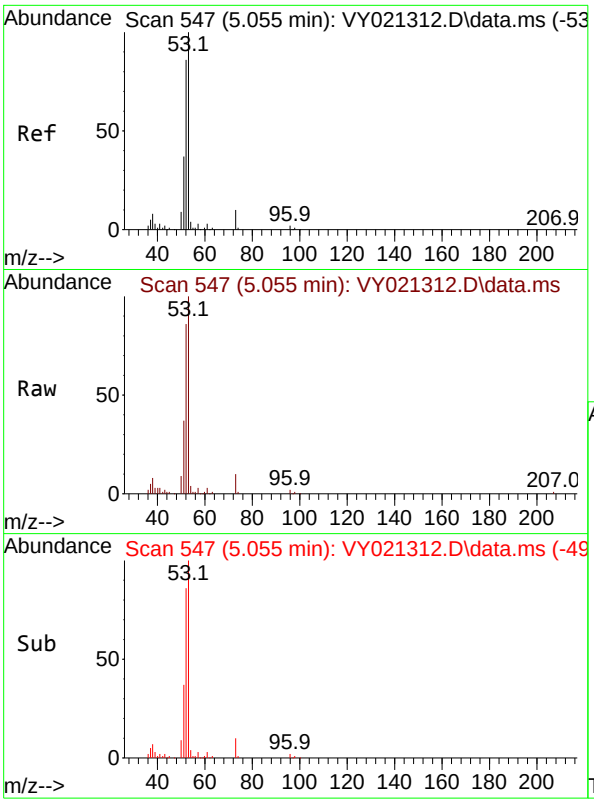


#14
Allyl chloride
Concen: 51.918 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 41 Resp: 162419

Ion	Ratio	Lower	Upper
41	100		
39	75.0	60.0	90.0
76	36.3	29.0	43.6



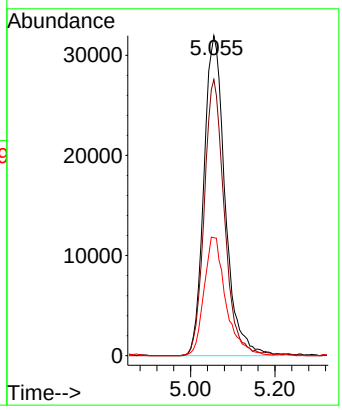


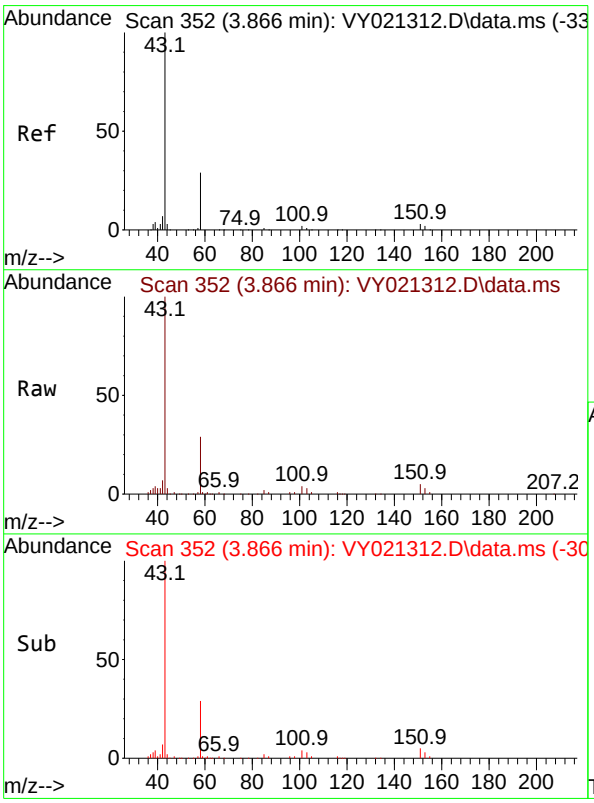
#15
Acrylonitrile
Concen: 264.397 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 53 Resp: 111677

Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.5	98.3
51	38.3	30.6	46.0

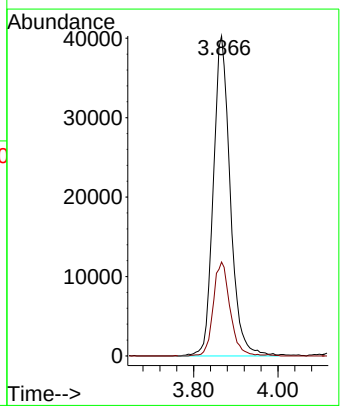


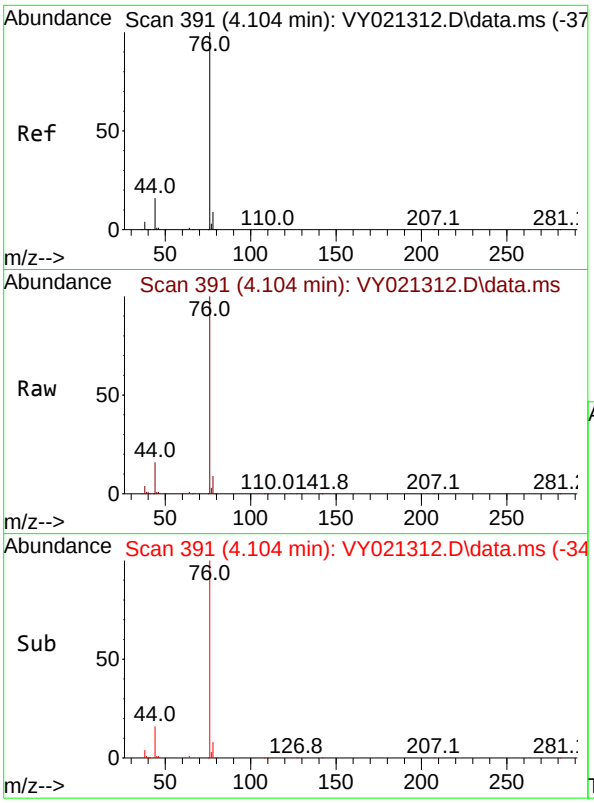


#16
Acetone
Concen: 293.294 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 43 Resp: 111923

Ion	Ratio	Lower	Upper
43	100		
58	29.4	23.5	35.3



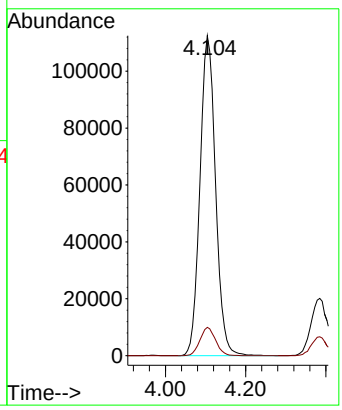


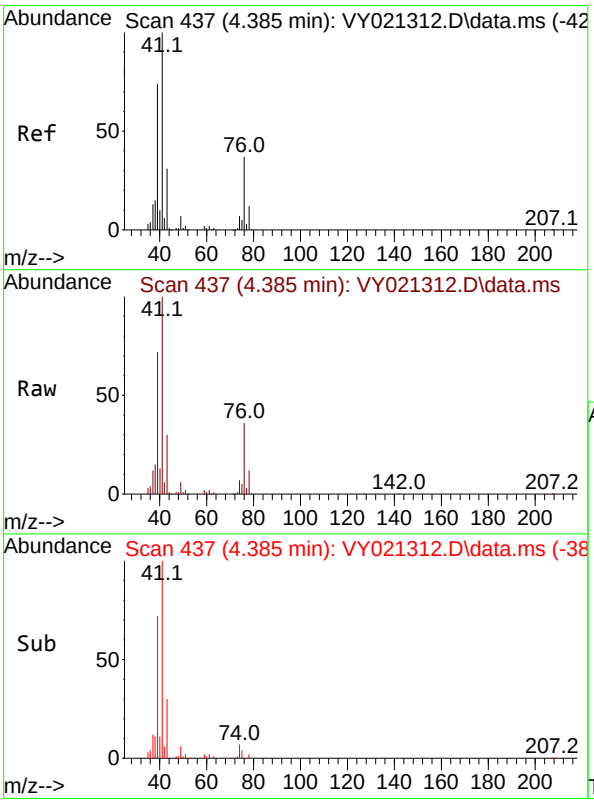
#17
Carbon Disulfide
Concen: 51.892 ug/l
RT: 4.104 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 304042

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

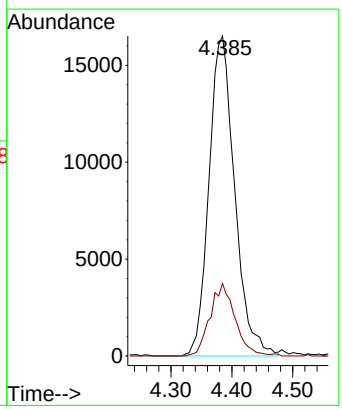


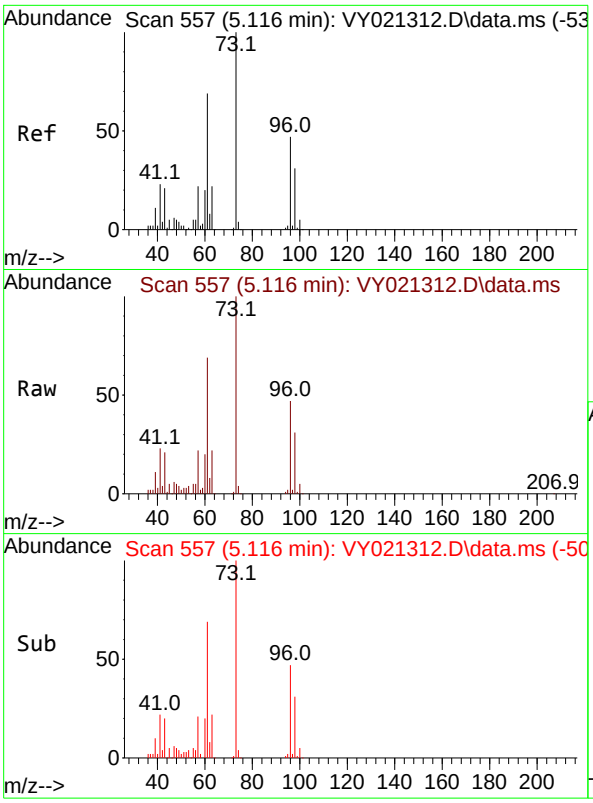


#18
Methyl Acetate
Concen: 51.864 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 43 Resp: 48368

Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.7	26.5



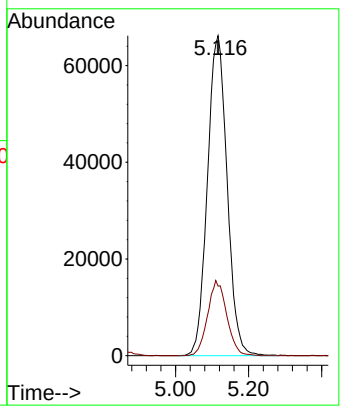


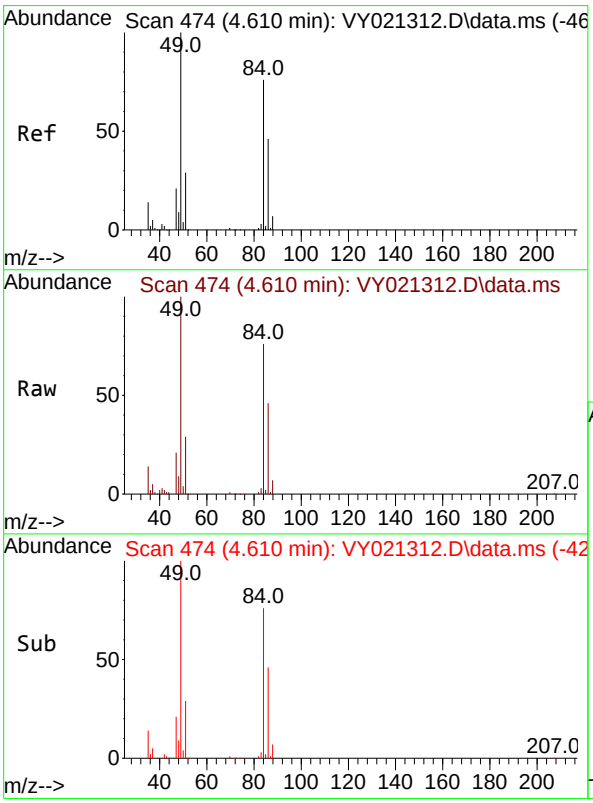
#19
Methyl tert-butyl Ether
Concen: 53.043 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 247280

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.4	26.0

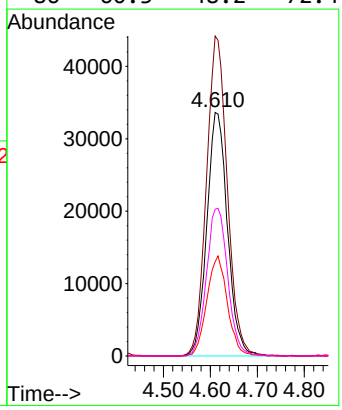


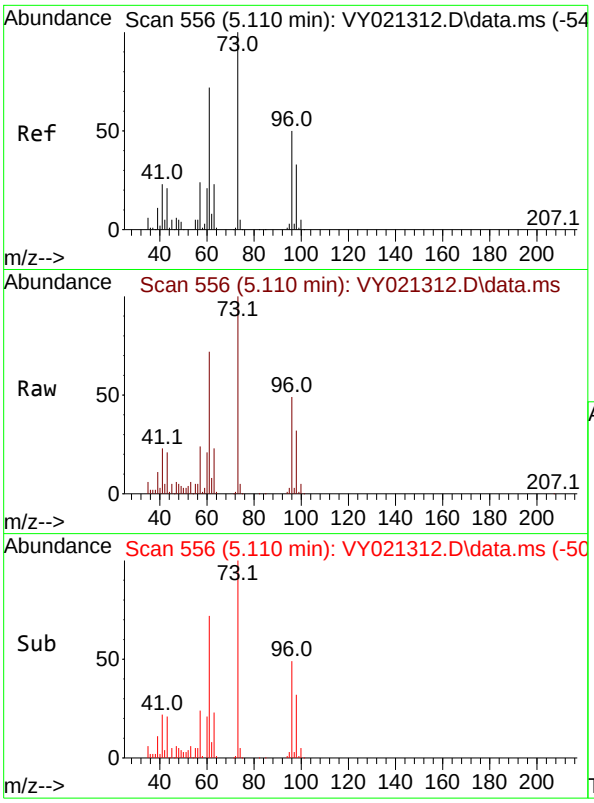


#20
Methylene Chloride
Concen: 49.716 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 84 Resp: 102592

Ion	Ratio	Lower	Upper
84	100		
49	131.4	105.1	157.7
51	38.7	31.0	46.4
86	60.3	48.2	72.4



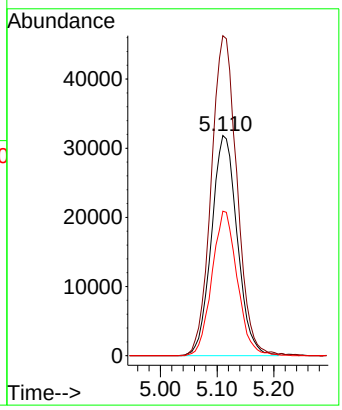


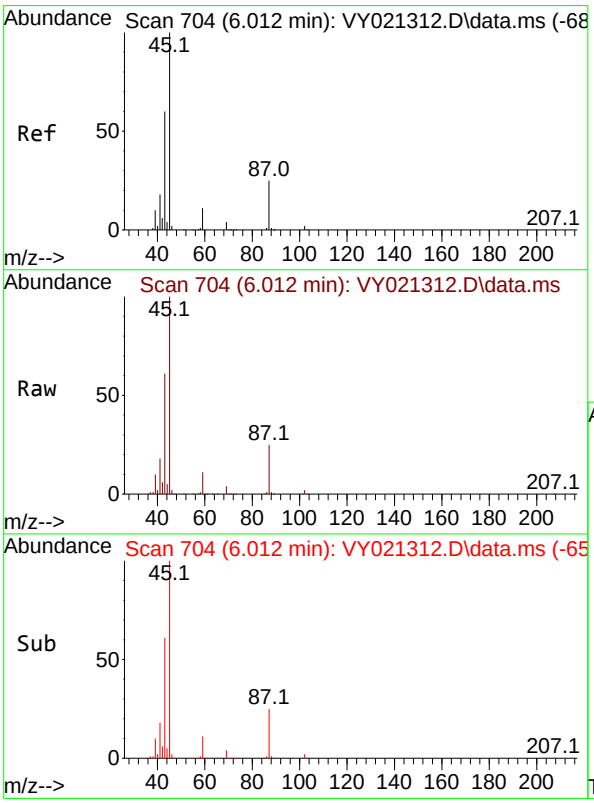
#21
trans-1,2-Dichloroethene
Concen: 51.774 ug/l
RT: 5.110 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 100568

Ion	Ratio	Lower	Upper
96	100		
61	145.4	116.3	174.5
98	65.7	52.6	78.8

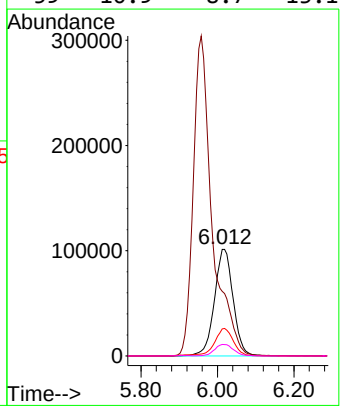


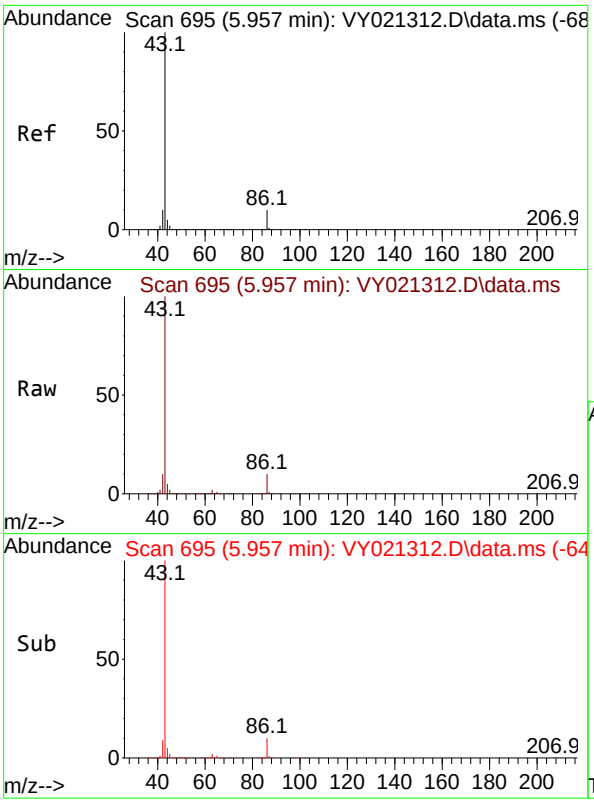


#22
Diisopropyl ether
Concen: 53.126 ug/l
RT: 6.012 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 45 Resp: 343920

Ion	Ratio	Lower	Upper
45	100		
43	60.3	48.2	72.4
87	25.4	20.3	30.5
59	10.9	8.7	13.1



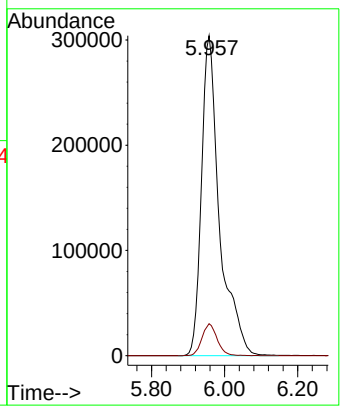


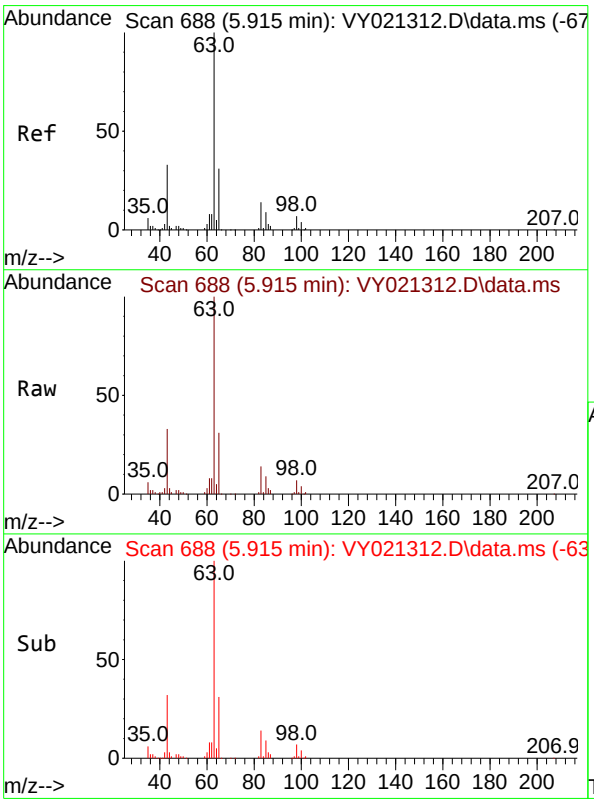
#23
Vinyl Acetate
Concen: 269.294 ug/l
RT: 5.957 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 1041767

Ion	Ratio	Lower	Upper
43	100		
86	10.0	8.0	12.0

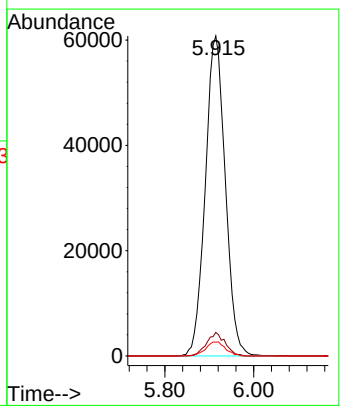


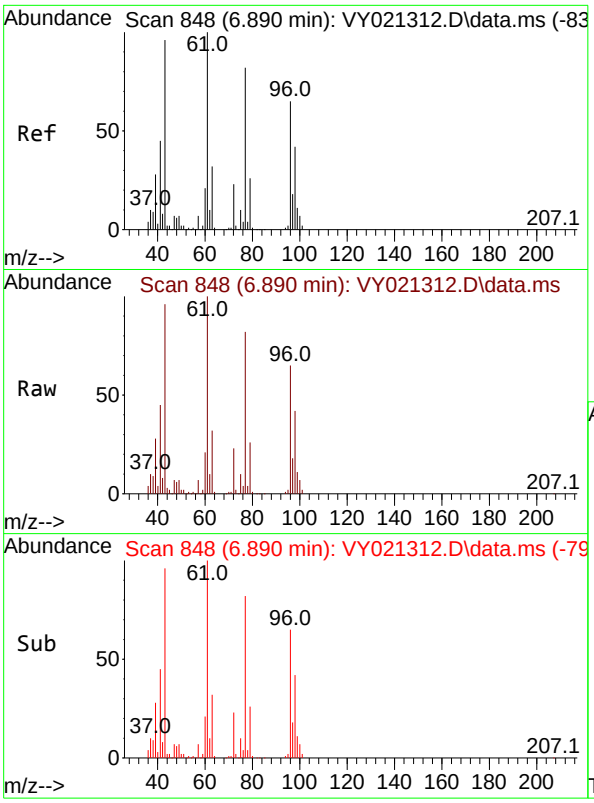


#24
1,1-Dichloroethane
Concen: 52.057 ug/l
RT: 5.915 min Scan# 688
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 63 Resp: 189943

Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.7	11.1
100	4.3	2.1	6.5



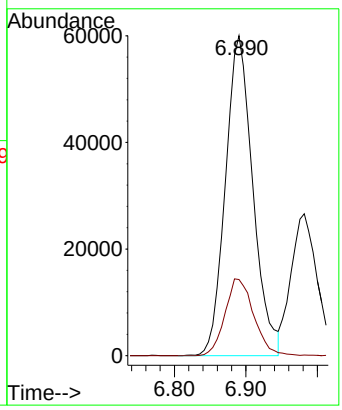


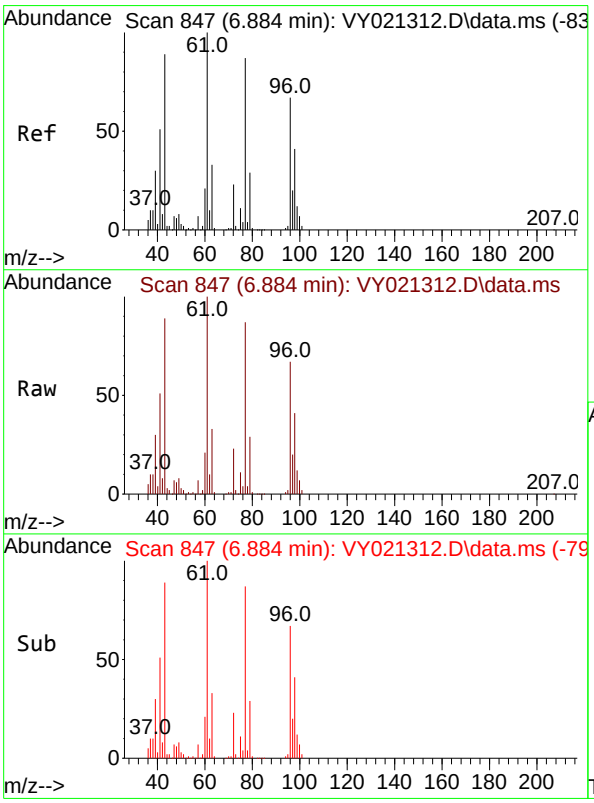
#25
2-Butanone
Concen: 278.240 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 160248

Ion	Ratio	Lower	Upper
43	100		
72	23.8	19.0	28.6

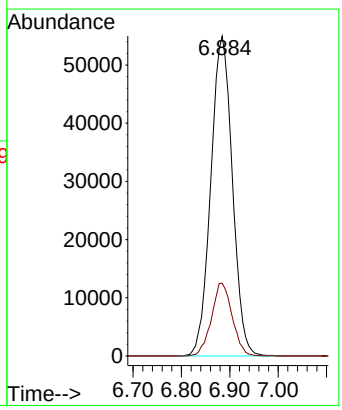


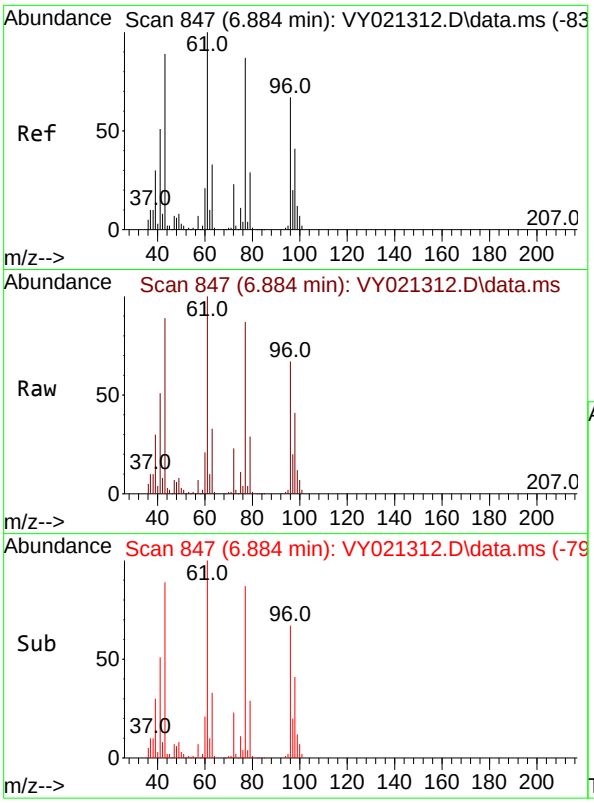


#26
2,2-Dichloropropane
Concen: 51.489 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 77 Resp: 170469

Ion	Ratio	Lower	Upper
77	100		
97	21.8	10.9	32.7



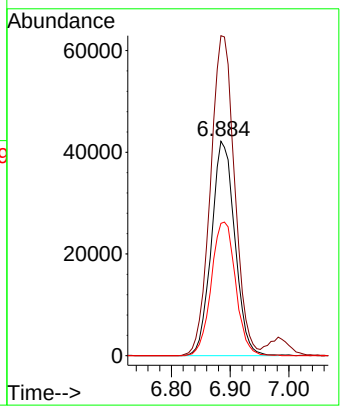


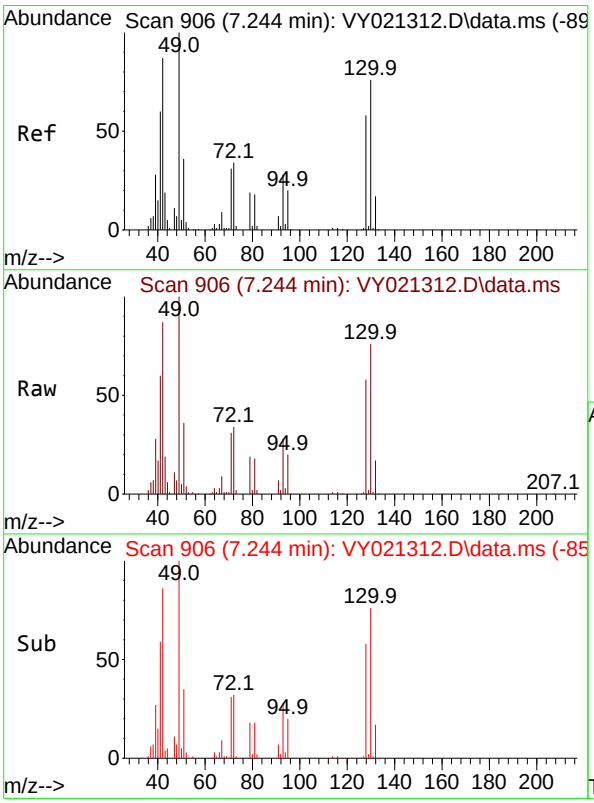
#27
cis-1,2-Dichloroethene
Concen: 52.579 ug/l
RT: 6.884 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 116627

Ion	Ratio	Lower	Upper
96	100		
61	154.0	0.0	308.0
98	64.8	0.0	129.6

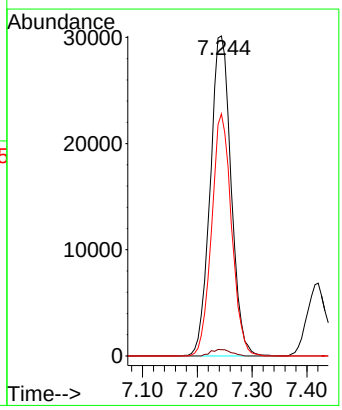


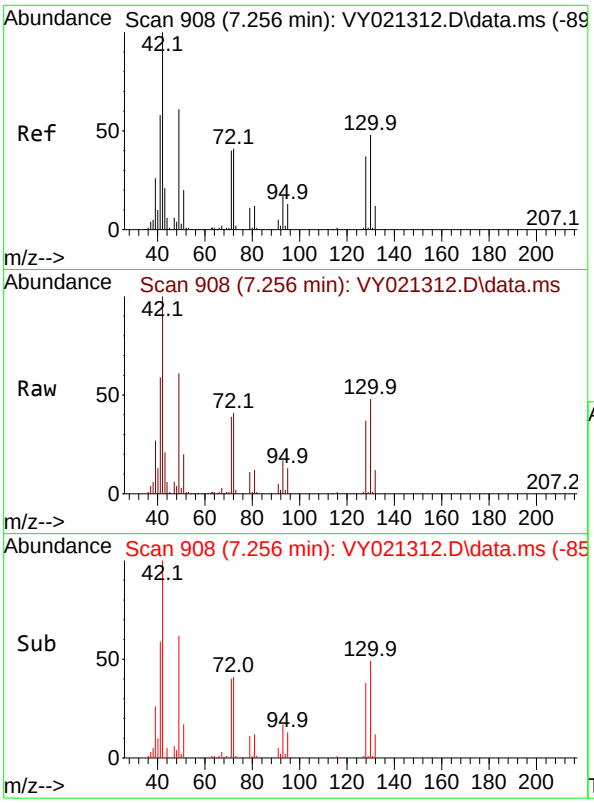


#28
Bromochloromethane
Concen: 49.352 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 49 Resp: 79678

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	72.2	57.8	86.6



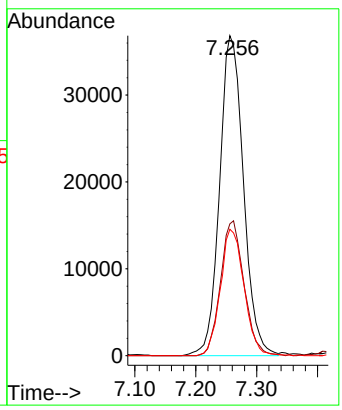


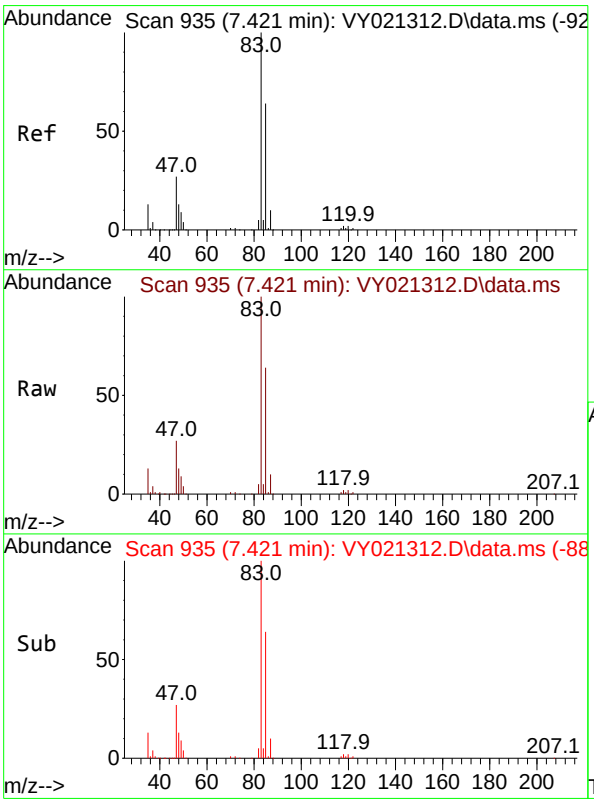
#29
Tetrahydrofuran
Concen: 266.741 ug/l
RT: 7.256 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 100417

Ion	Ratio	Lower	Upper
42	100		
72	41.4	33.1	49.7
71	39.2	31.4	47.0

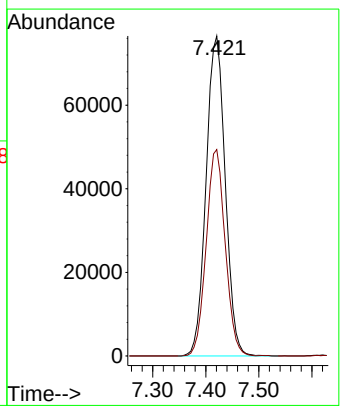


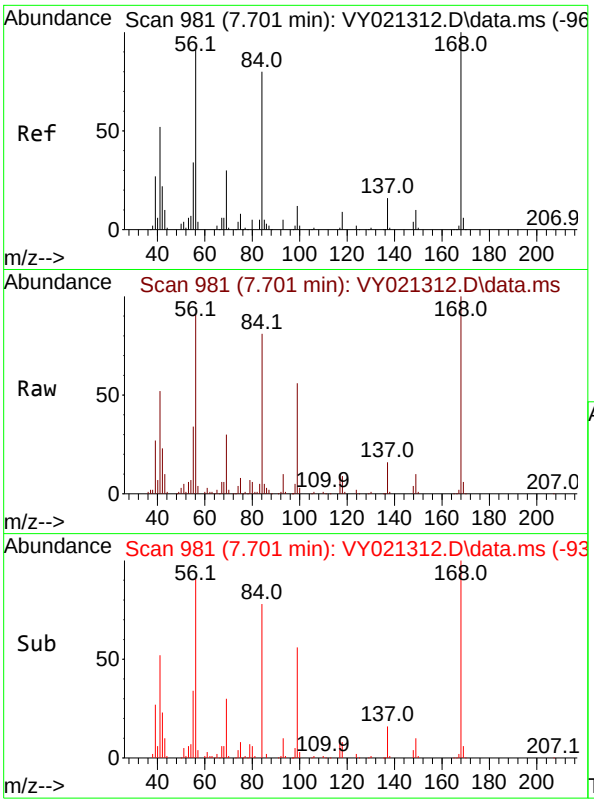


#30
Chloroform
Concen: 51.925 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 83 Resp: 191980

Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.6	77.4



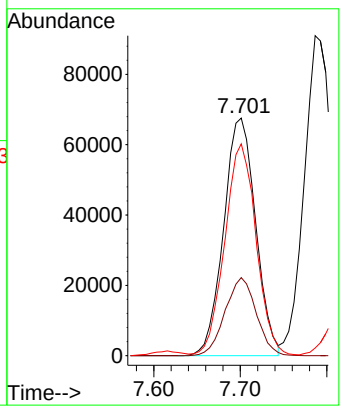


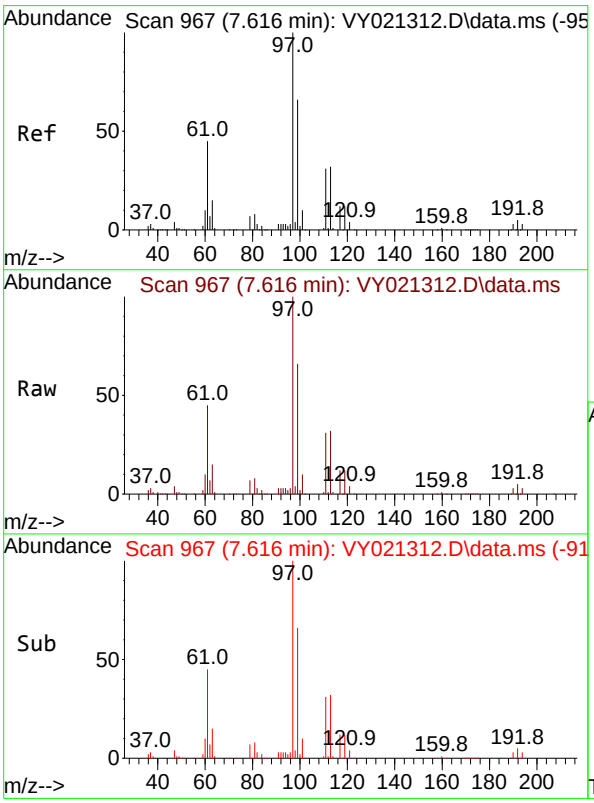
#31
Cyclohexane
Concen: 49.456 ug/l
RT: 7.701 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 173460

Ion	Ratio	Lower	Upper
56	100		
69	32.8	26.2	39.4
84	87.8	70.2	105.4

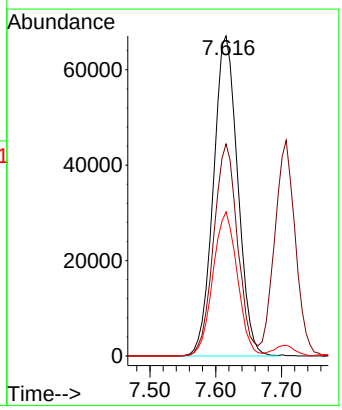


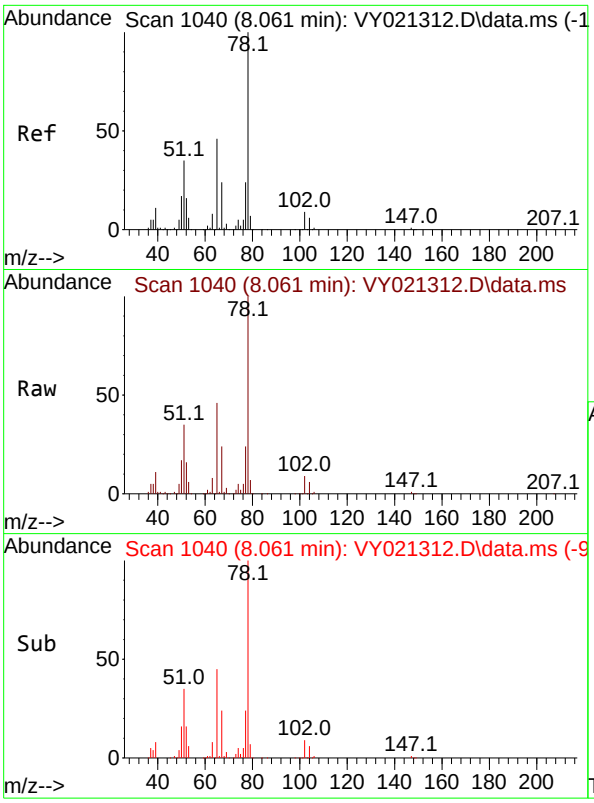


#32
1,1,1-Trichloroethane
Concen: 51.372 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 97 Resp: 172880

Ion	Ratio	Lower	Upper
97	100		
99	65.5	52.4	78.6
61	45.2	36.2	54.2



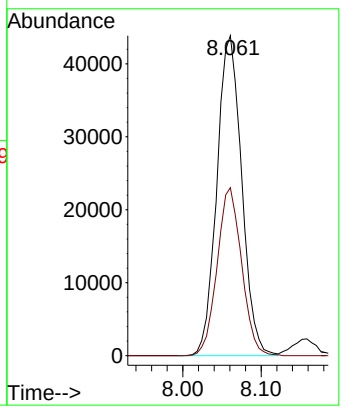


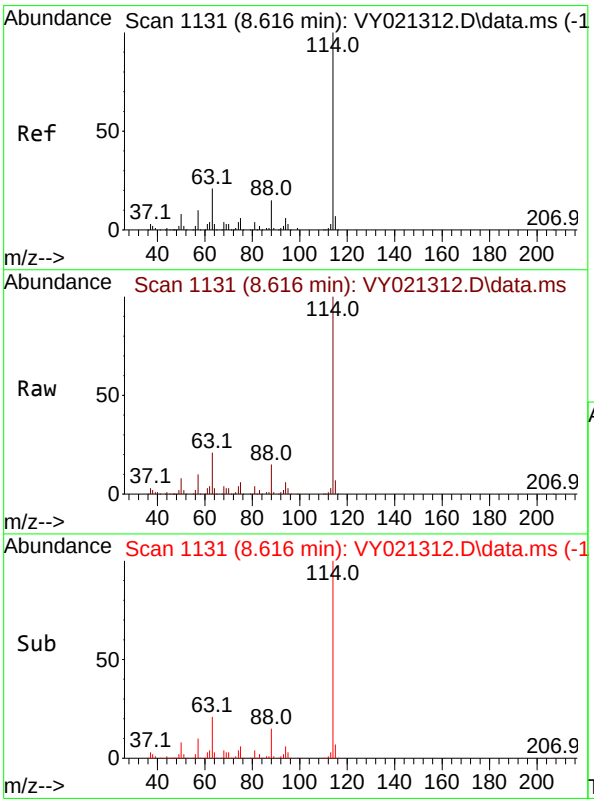
#33
1,2-Dichloroethane-d4
Concen: 48.606 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 96694

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	103.6

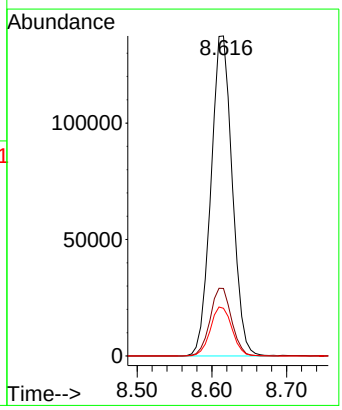


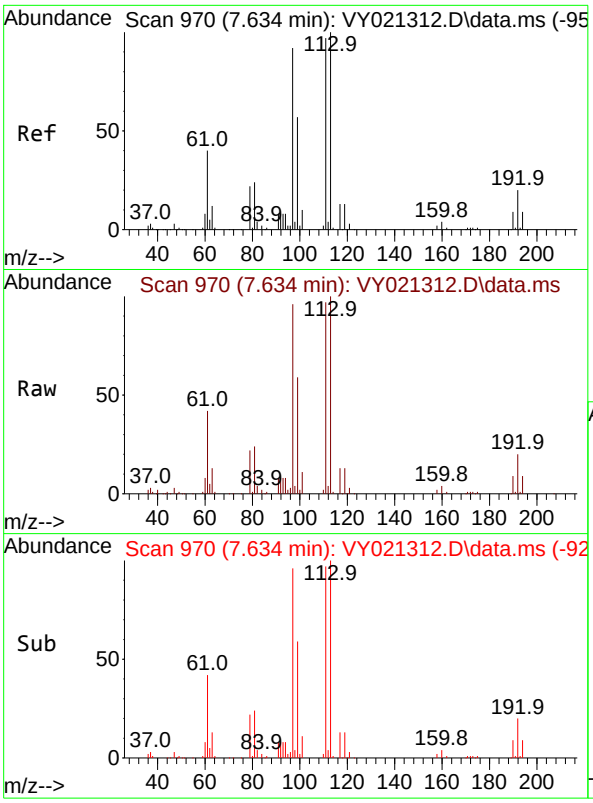


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:114 Resp: 272563

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	42.2
88	14.9	0.0	29.8



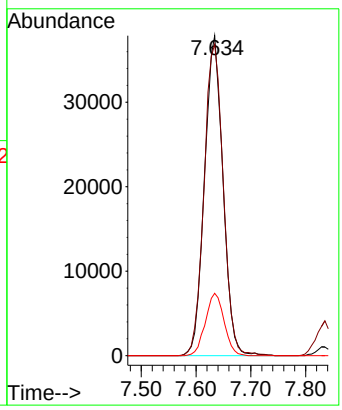


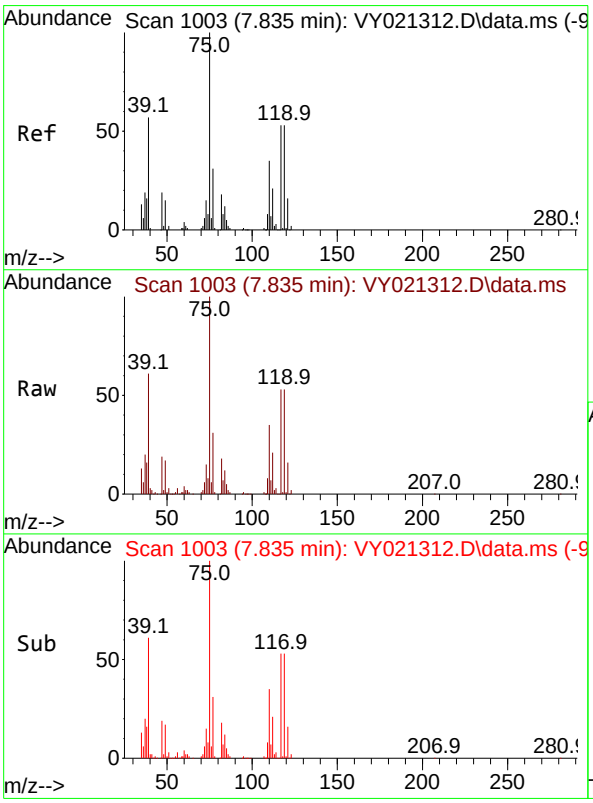
#35
Dibromofluoromethane
Concen: 49.533 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:113 Resp: 88513

Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.0	121.6
192	19.8	15.8	23.8

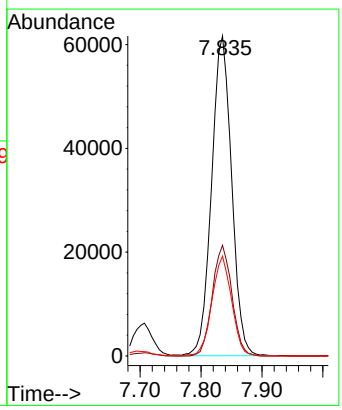


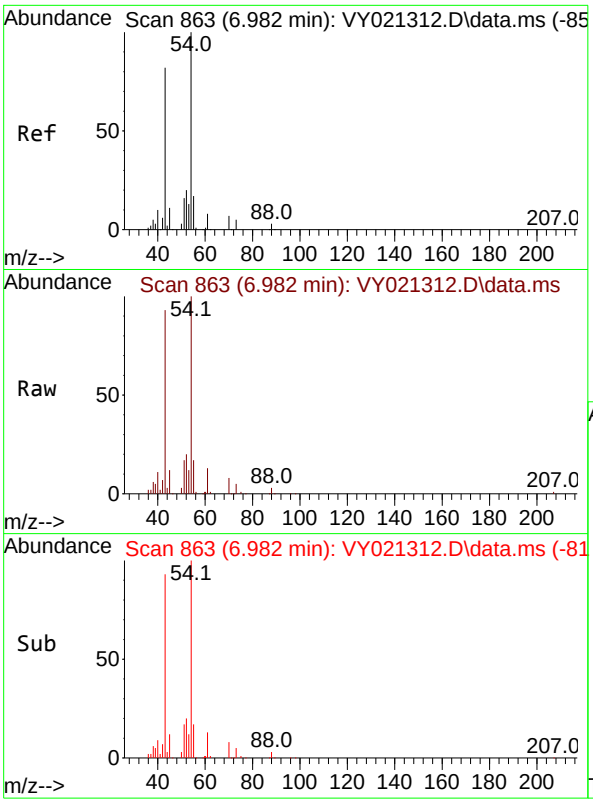


#36
1,1-Dichloropropene
Concen: 52.371 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 75 Resp: 140574

Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.9	50.7
77	30.7	24.6	36.8



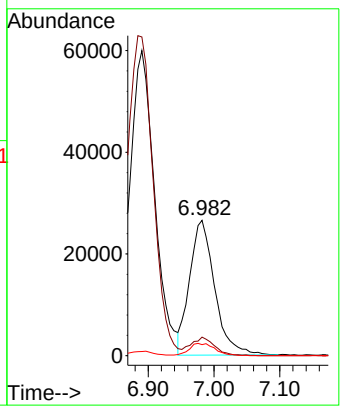


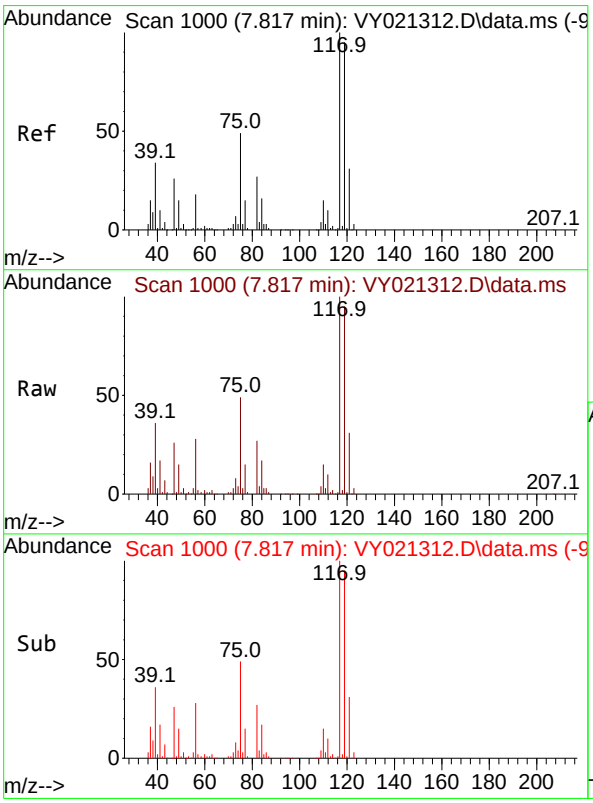
#37
Ethyl Acetate
Concen: 52.565 ug/l
RT: 6.982 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 70184

Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.4	15.6
70	9.4	7.5	11.3

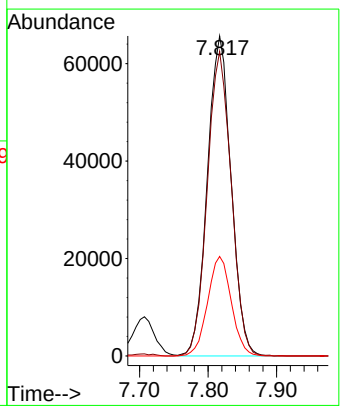


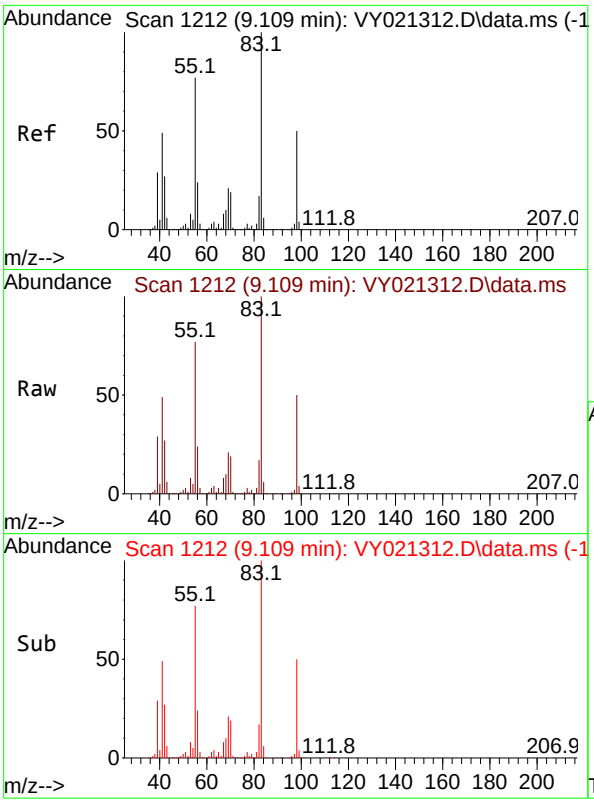


#38
Carbon Tetrachloride
Concen: 52.465 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:117 Resp: 158319

Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.0	114.0
121	31.1	24.9	37.3



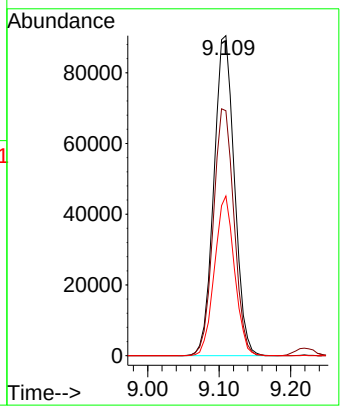


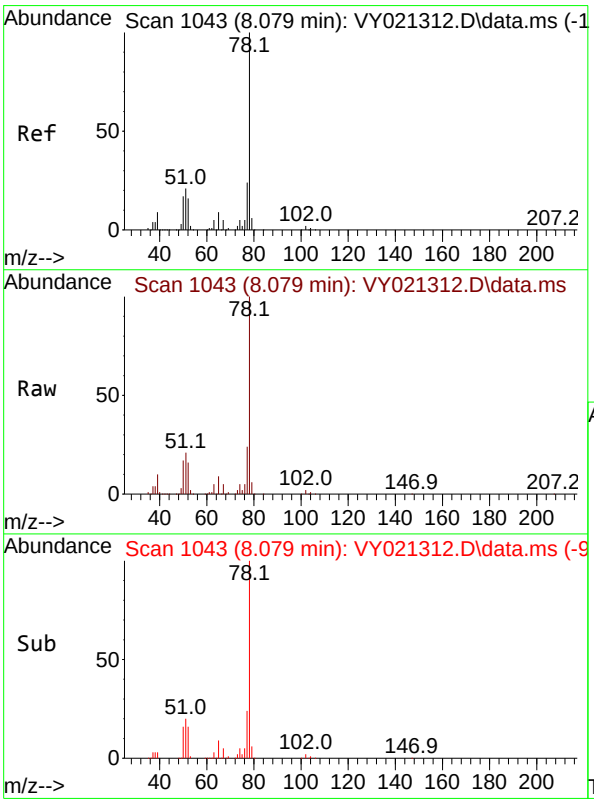
#39
Methylcyclohexane
Concen: 53.165 ug/l
RT: 9.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 180496

Ion	Ratio	Lower	Upper
83	100		
55	76.6	61.3	91.9
98	49.9	39.9	59.9

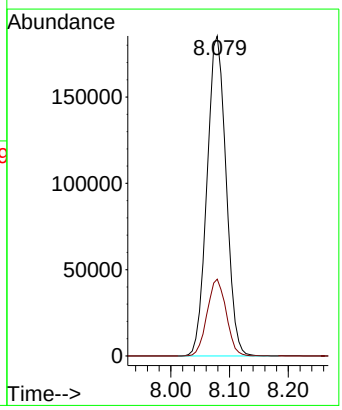


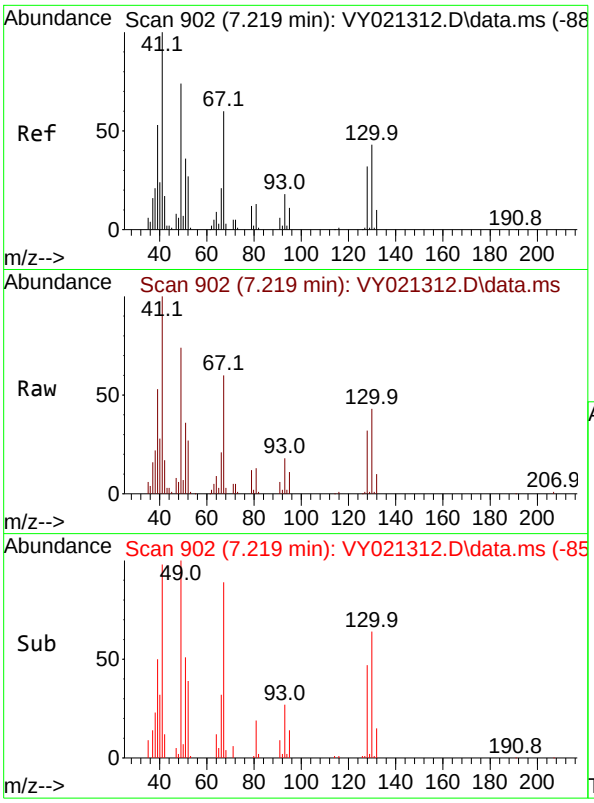


#40
Benzene
Concen: 52.655 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 78 Resp: 417798

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.2	28.8



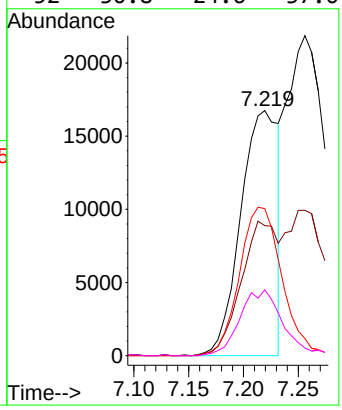


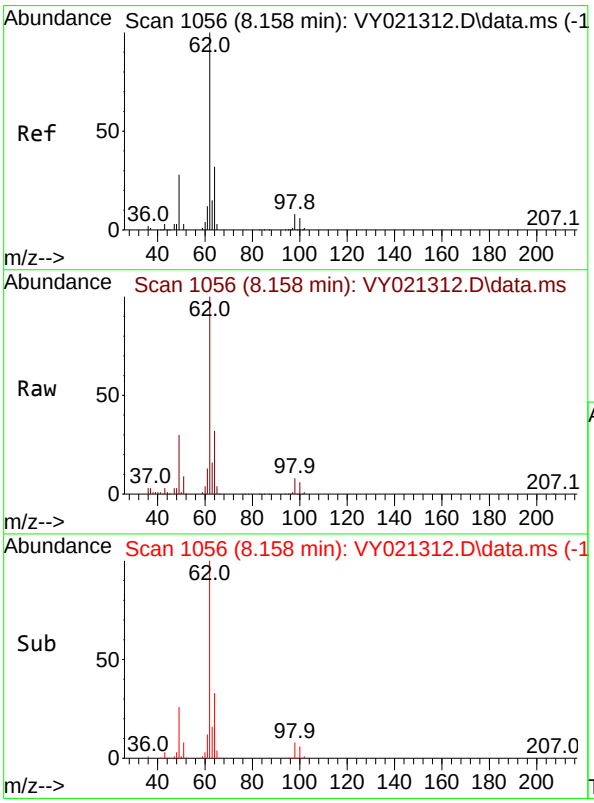
#41
Methacrylonitrile
Concen: 53.535 ug/l
RT: 7.219 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 39965

Ion	Ratio	Lower	Upper
41	100		
39	52.9	42.3	63.5
67	68.5	54.8	82.2
52	30.8	24.6	37.0

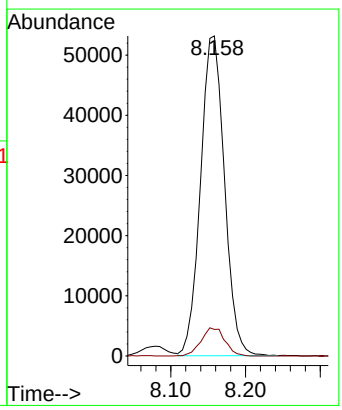


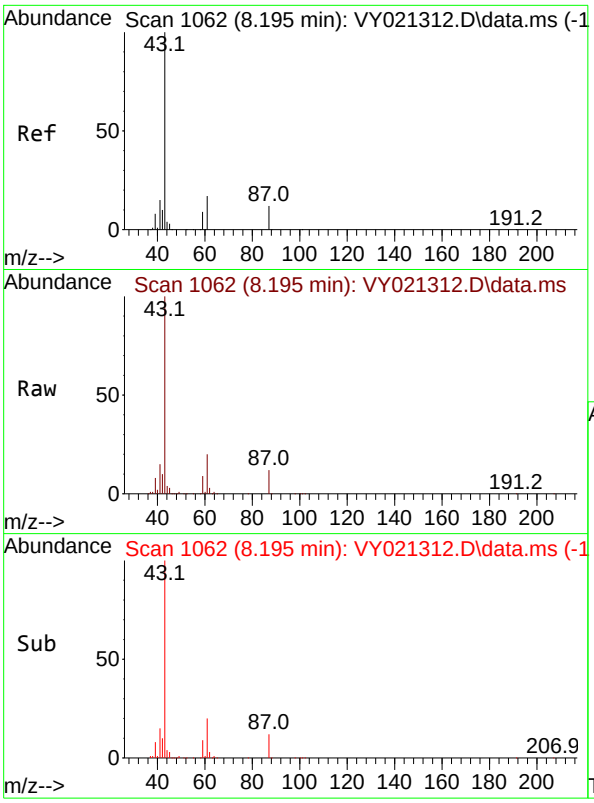


#42
1,2-Dichloroethane
Concen: 52.494 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 62 Resp: 118176

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.6



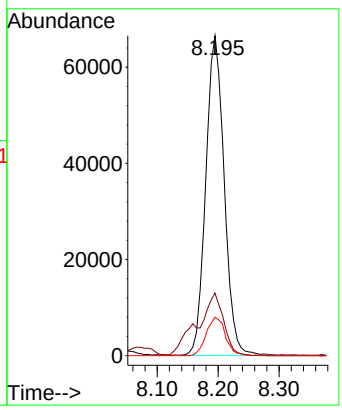


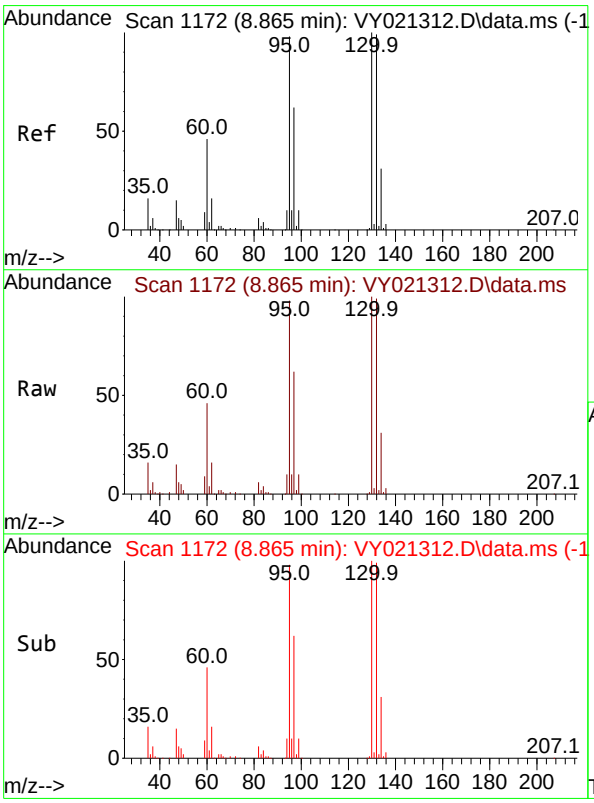
#43
Isopropyl Acetate
Concen: 54.106 ug/l
RT: 8.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 139829

Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.0	22.6
87	12.5	10.0	15.0

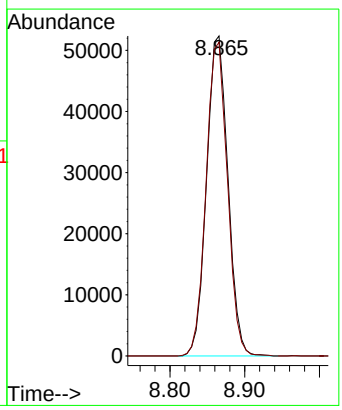


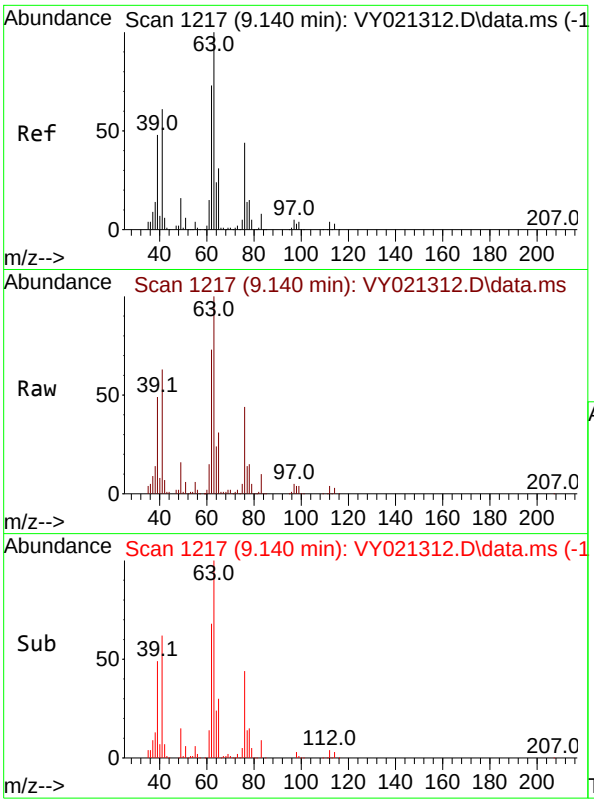


#44
Trichloroethene
Concen: 52.389 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:130 Resp: 104074

Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	196.0



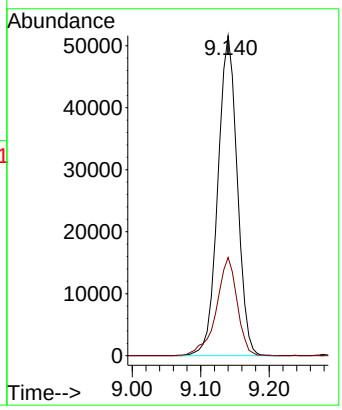


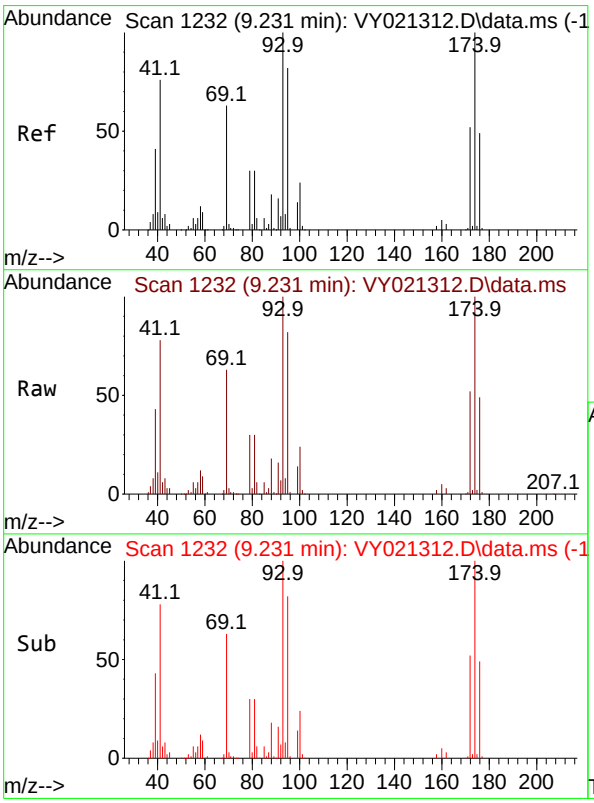
#45
1,2-Dichloropropane
Concen: 52.980 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 101166

Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.6	36.8

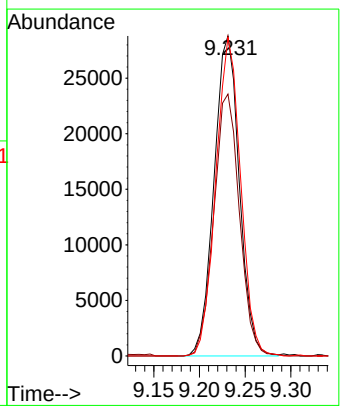


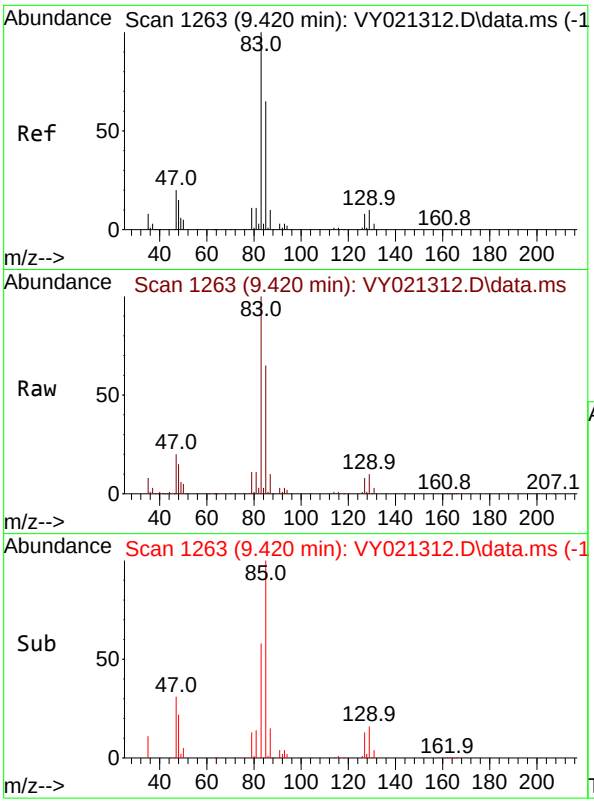


#46
Dibromomethane
Concen: 53.043 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 93 Resp: 55365

Ion	Ratio	Lower	Upper
93	100		
95	83.0	66.4	99.6
174	97.7	78.2	117.2



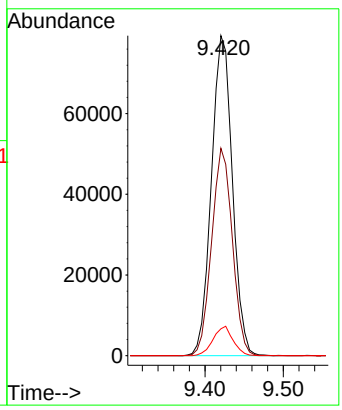


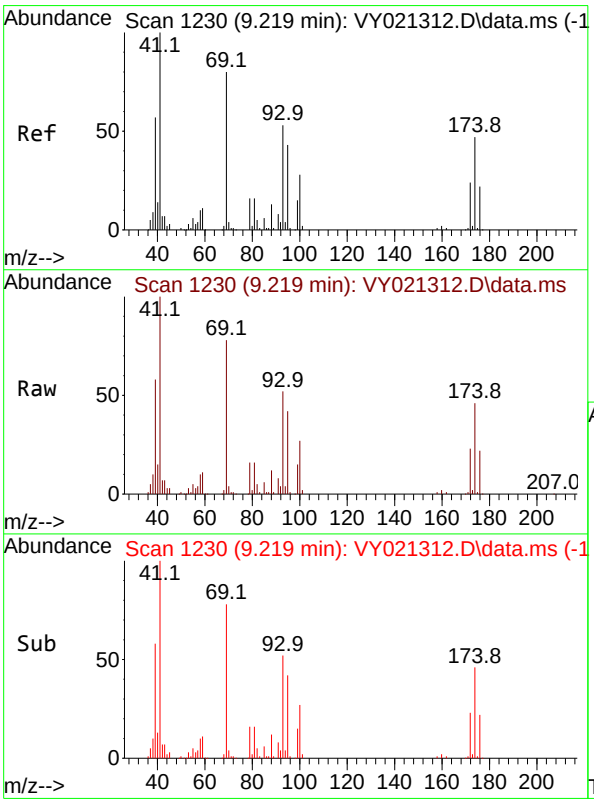
#47
Bromodichloromethane
Concen: 52.957 ug/l
RT: 9.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 147382

Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.8
127	8.4	6.7	10.1

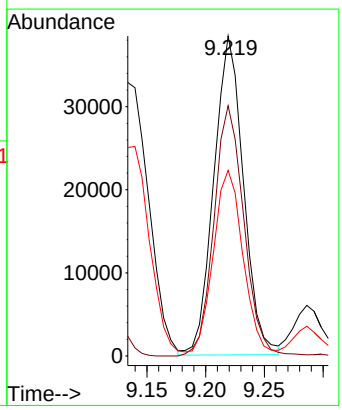


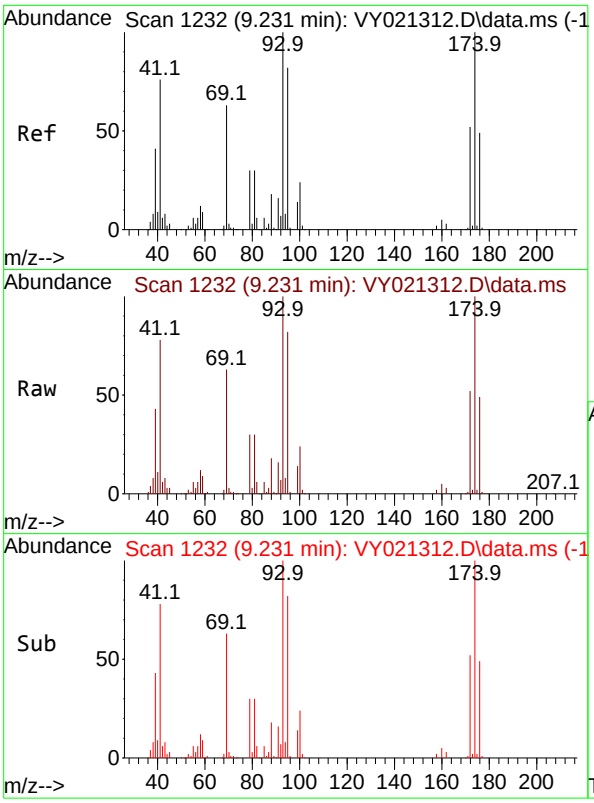


#48
Methyl methacrylate
Concen: 55.775 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 41 Resp: 67406

Ion	Ratio	Lower	Upper
41	100		
69	79.1	63.3	94.9
39	56.3	45.0	67.6



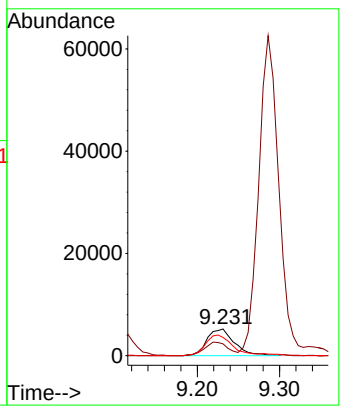


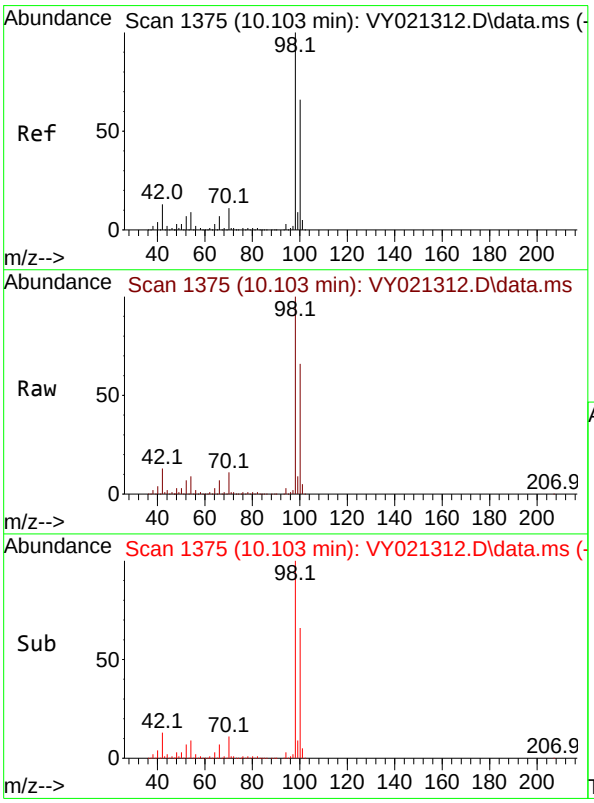
#49
1,4-Dioxane
Concen: 1050.591 ug/l
RT: 9.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 12193

Ion	Ratio	Lower	Upper
88	100		
43	43.5	34.8	52.2
58	74.7	59.8	89.6

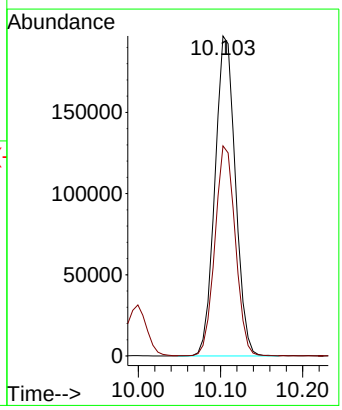


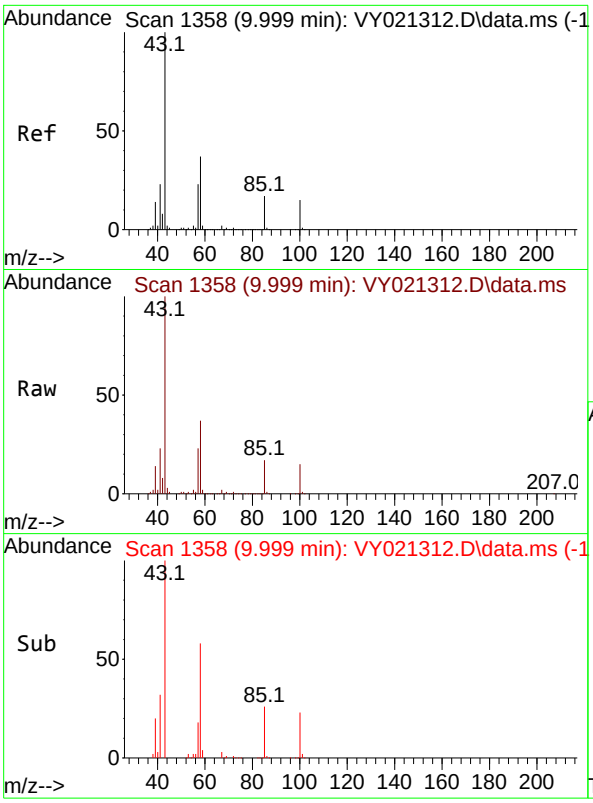


#50
Toluene-d8
Concen: 49.367 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 98 Resp: 340929

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.4	78.6



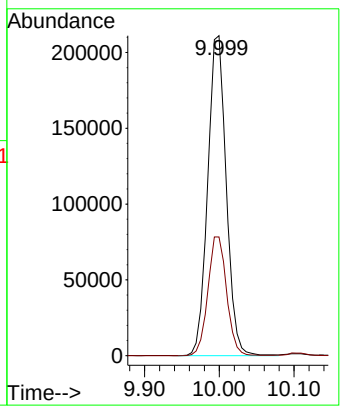


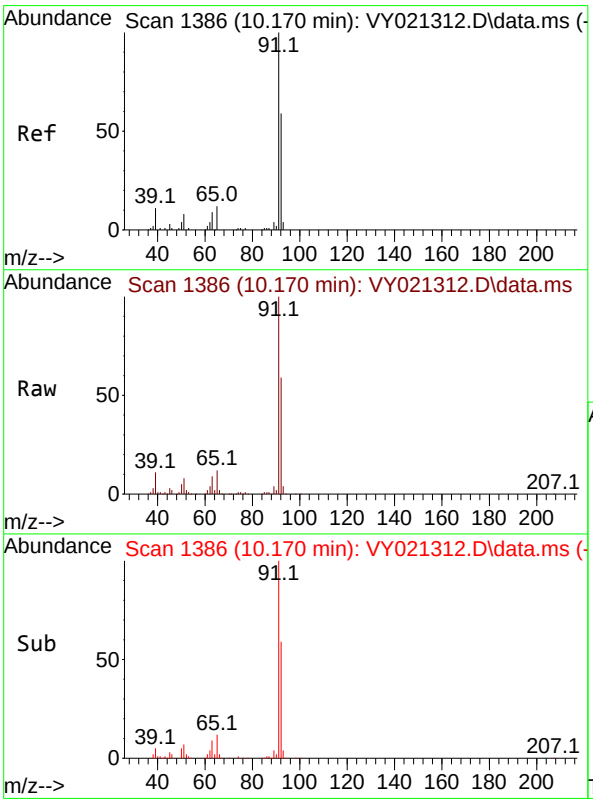
#51
4-Methyl-2-Pentanone
Concen: 275.485 ug/l
RT: 9.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 364446

Ion	Ratio	Lower	Upper
43	100		
58	37.6	30.1	45.1

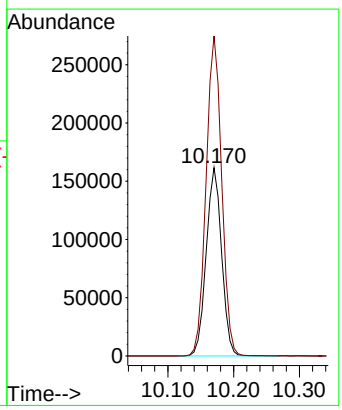


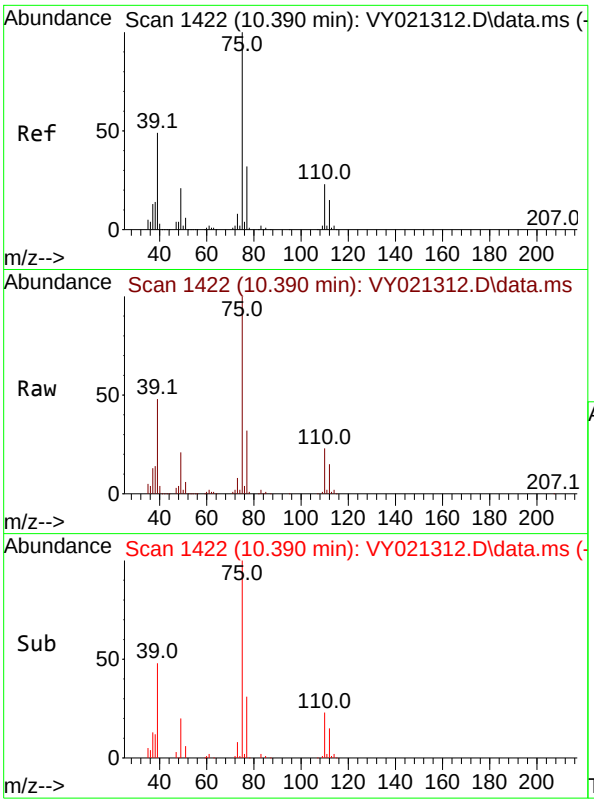


#52
Toluene
Concen: 53.367 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 92 Resp: 263062

Ion	Ratio	Lower	Upper
92	100		
91	172.3	137.8	206.8



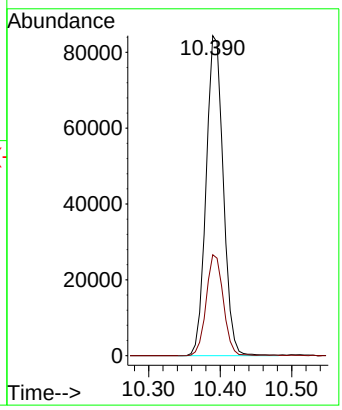


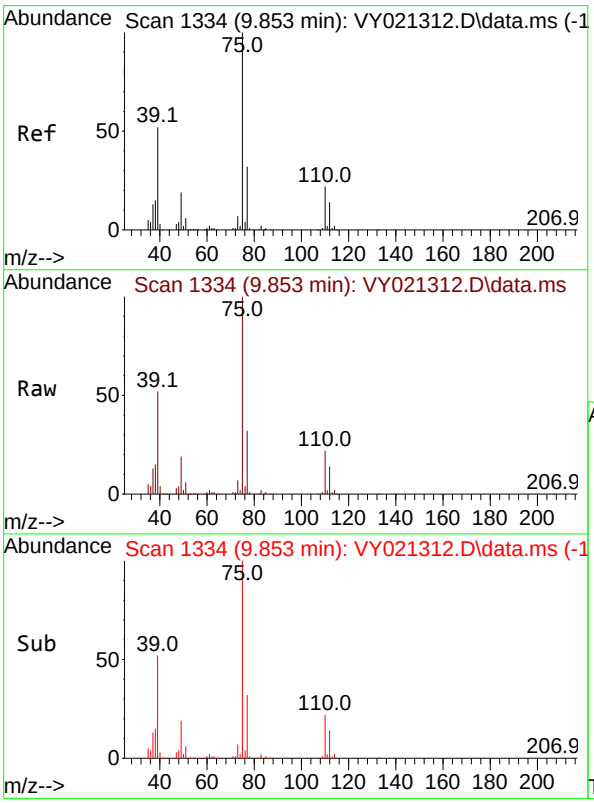
#53
t-1,3-Dichloropropene
Concen: 55.062 ug/l
RT: 10.390 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 140399

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.3	37.9

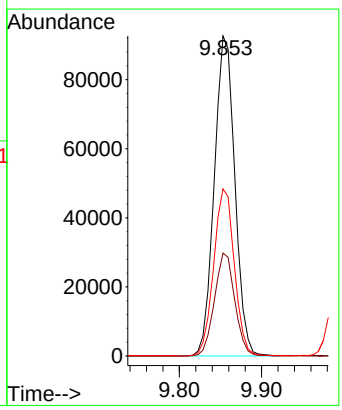


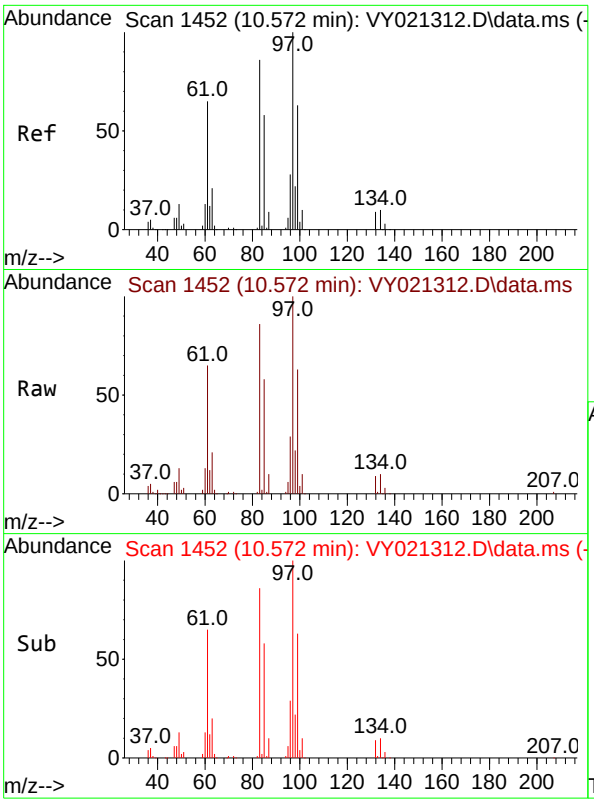


#54
cis-1,3-Dichloropropene
Concen: 53.492 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 75 Resp: 161021

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.7	38.5
39	52.2	41.8	62.6



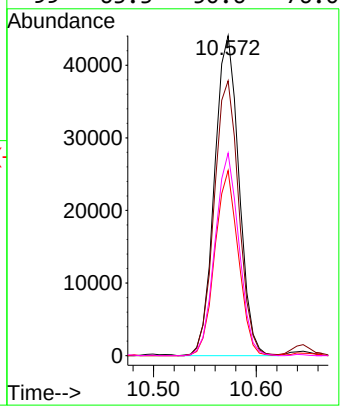


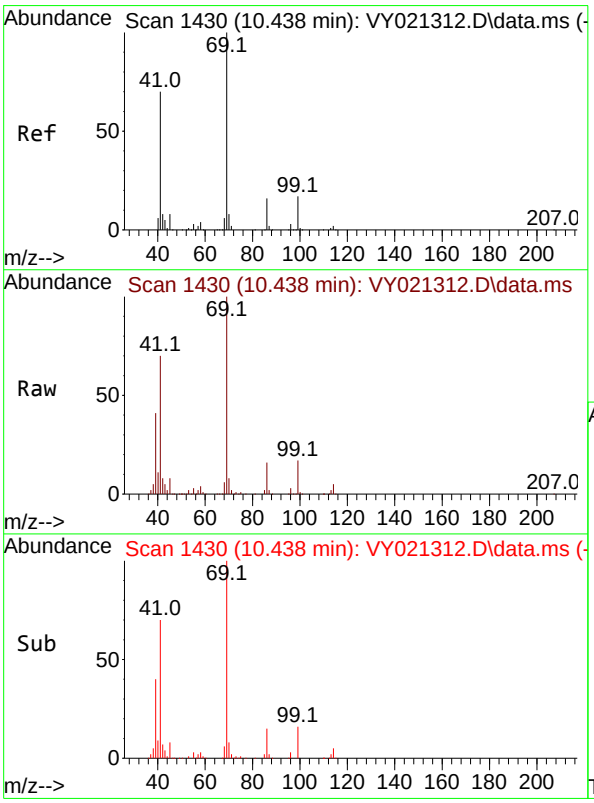
#55
1,1,2-Trichloroethane
Concen: 53.481 ug/l
RT: 10.572 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 72720

Ion	Ratio	Lower	Upper
97	100		
83	85.9	68.7	103.1
85	57.9	46.3	69.5
99	63.3	50.6	76.0

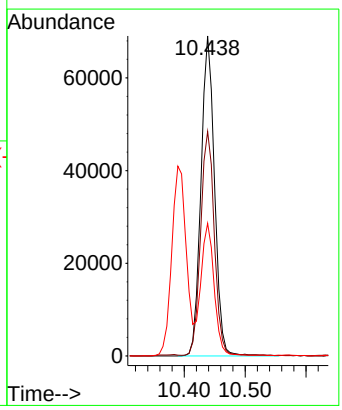


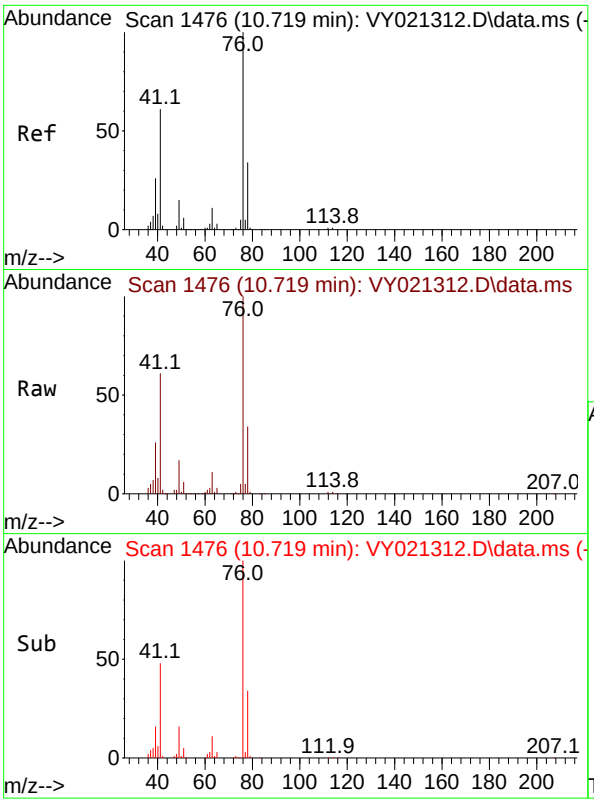


#56
Ethyl methacrylate
Concen: 56.904 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 69 Resp: 106914

Ion	Ratio	Lower	Upper
69	100		
41	70.3	56.2	84.4
39	40.9	32.7	49.1



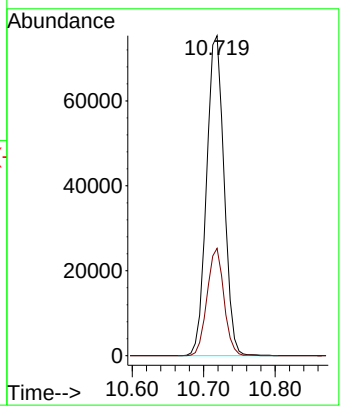


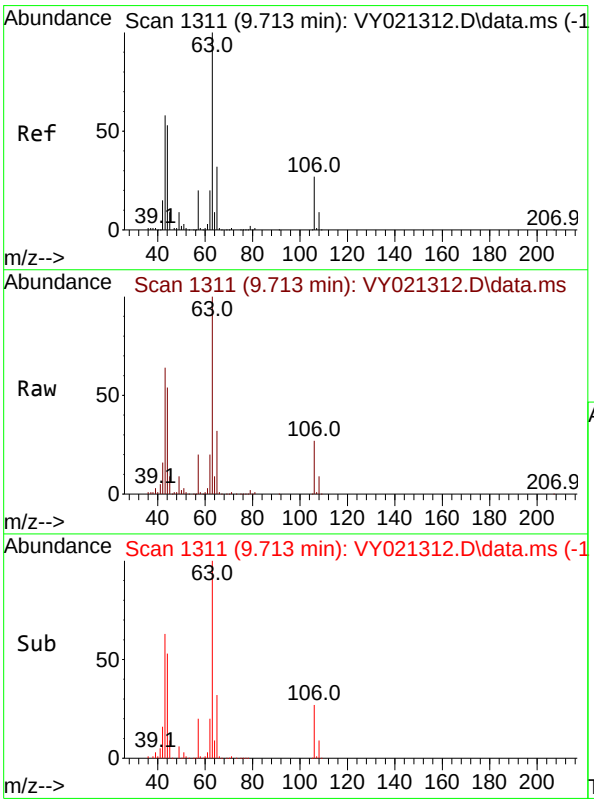
#57
1,3-Dichloropropane
Concen: 53.559 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 127795

Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.9	38.9

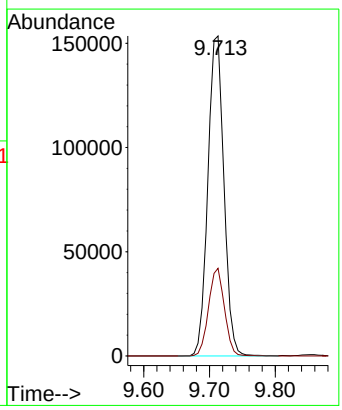


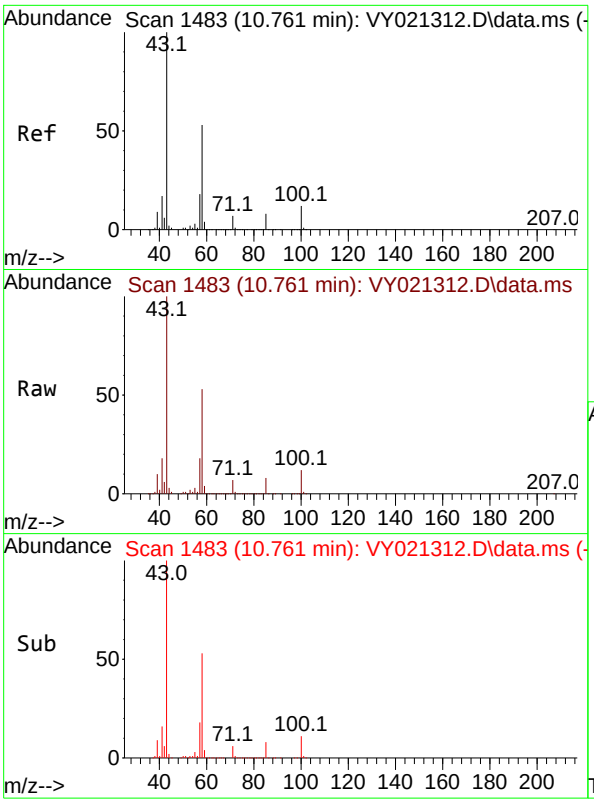


#58
2-Chloroethyl Vinyl ether
Concen: 289.104 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 63 Resp: 260718

Ion	Ratio	Lower	Upper
63	100		
106	27.1	21.7	32.5



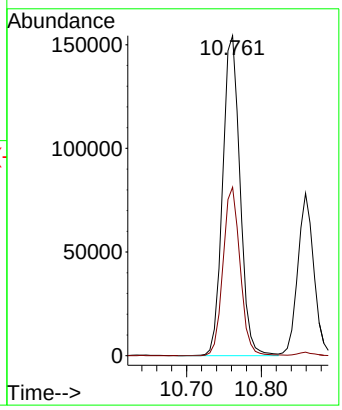


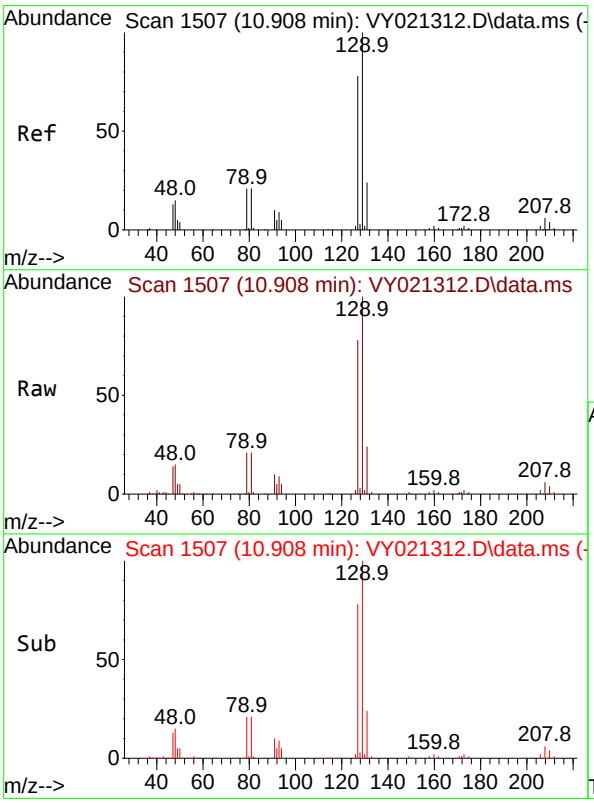
#59
2-Hexanone
Concen: 287.258 ug/l
RT: 10.761 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 249578

Ion	Ratio	Lower	Upper
43	100		
58	51.7	25.9	77.6

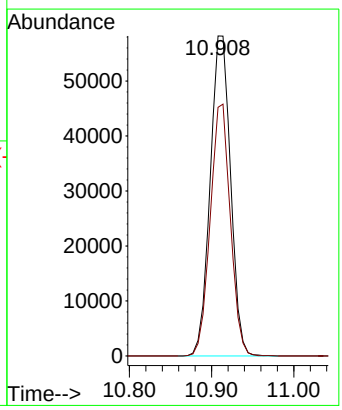


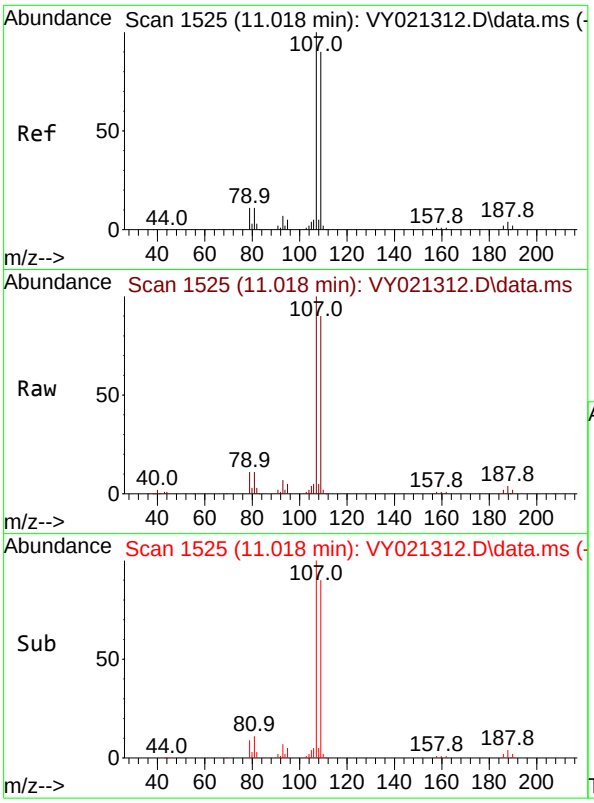


#60
Dibromochloromethane
Concen: 54.134 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:129 Resp: 100250

Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.8	116.4



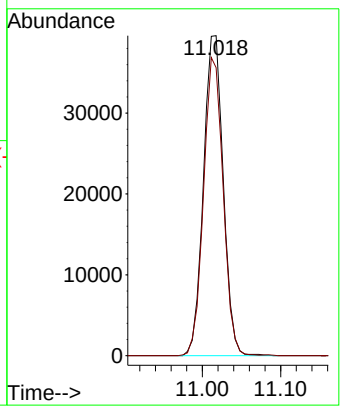


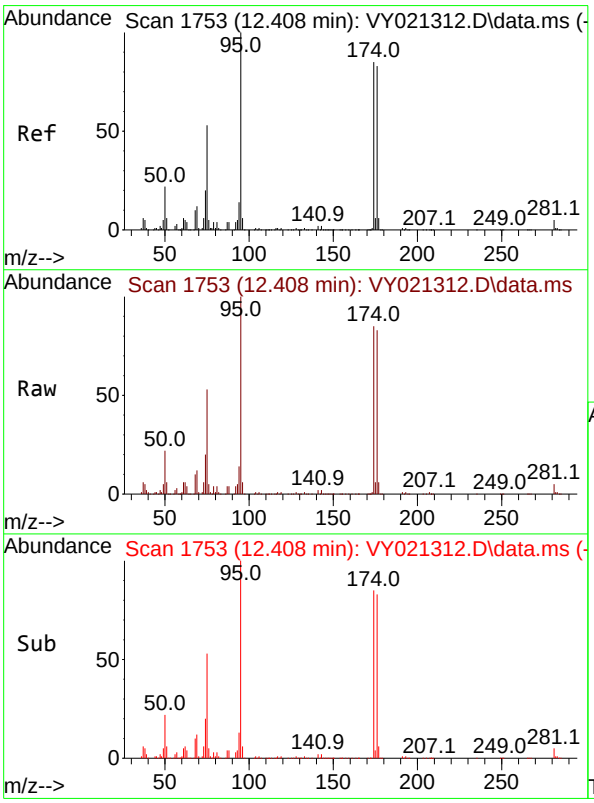
#61
1,2-Dibromoethane
Concen: 53.783 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 69236

Ion	Ratio	Lower	Upper
107	100		
109	92.3	73.8	110.8

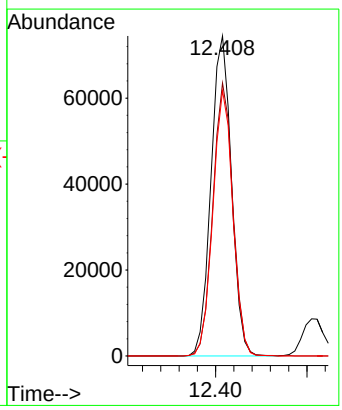


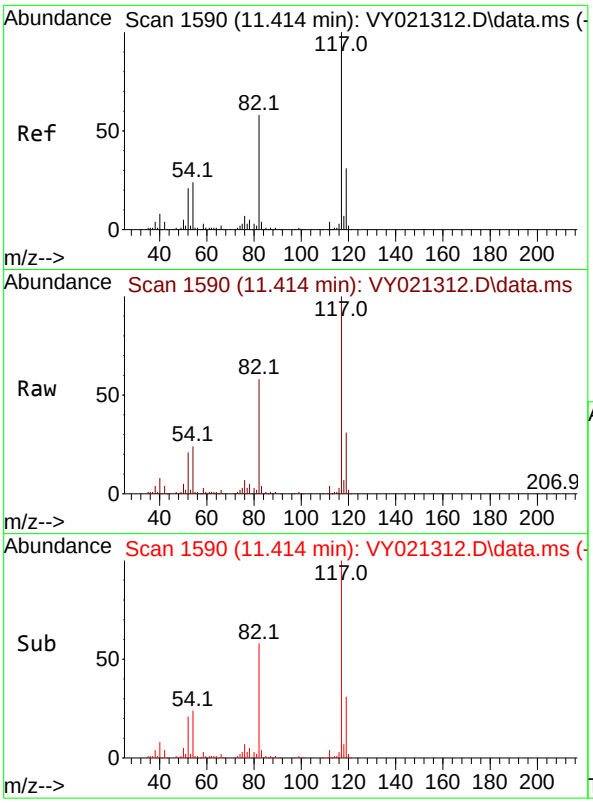


#62
4-Bromofluorobenzene
Concen: 49.652 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 95 Resp: 115401

Ion	Ratio	Lower	Upper
95	100		
174	84.0	0.0	168.0
176	81.3	0.0	162.6



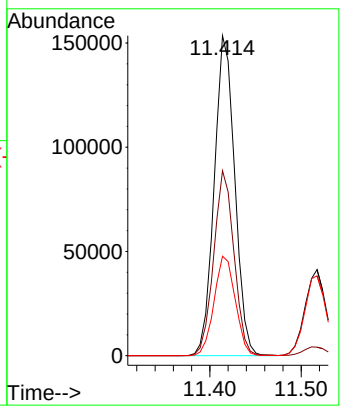


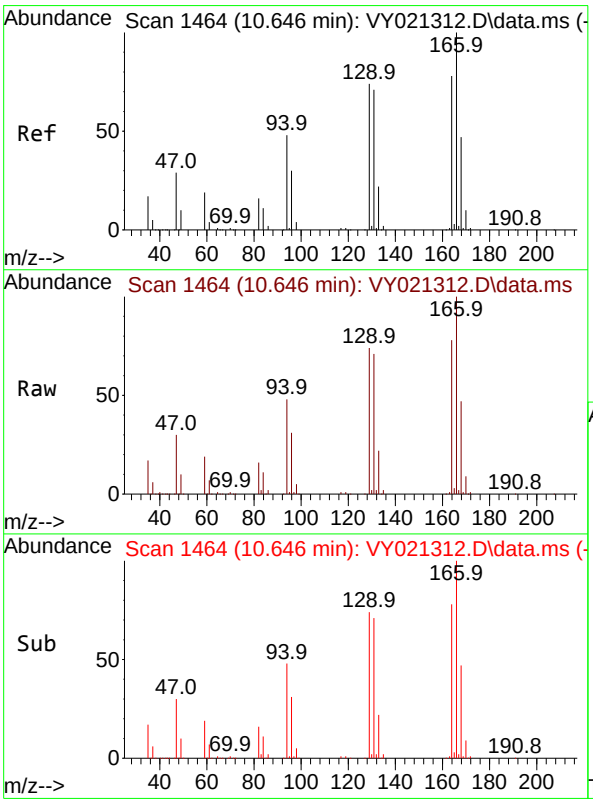
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 239724

Ion	Ratio	Lower	Upper
117	100		
82	57.8	46.2	69.4
119	31.1	24.9	37.3

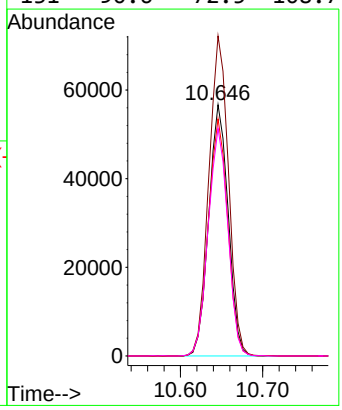


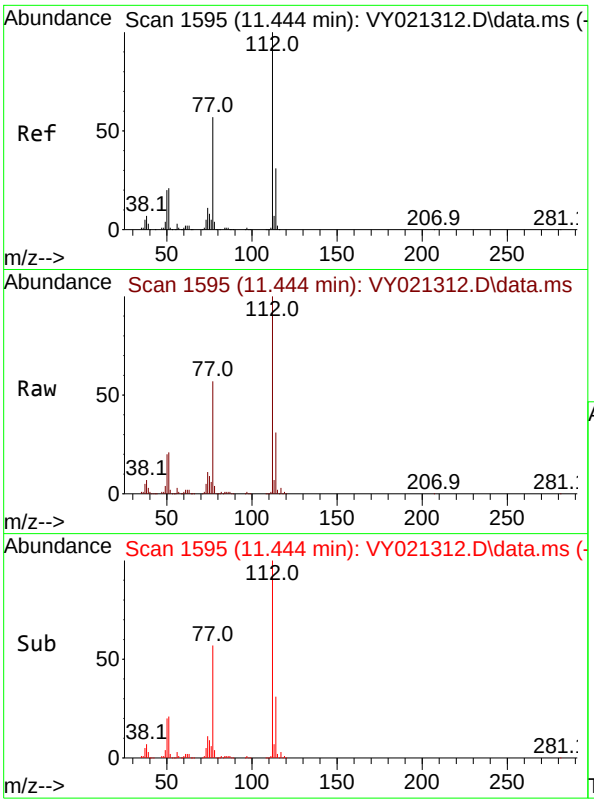


#64
Tetrachloroethene
Concen: 51.501 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:164 Resp: 93317

Ion	Ratio	Lower	Upper
164	100		
166	127.4	101.9	152.9
129	94.4	75.5	113.3
131	90.6	72.5	108.7



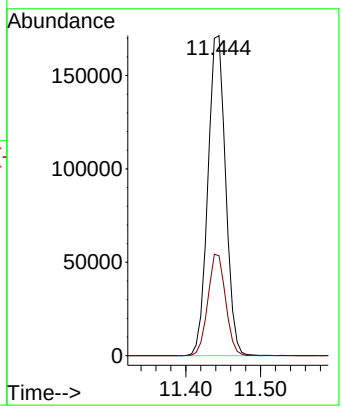


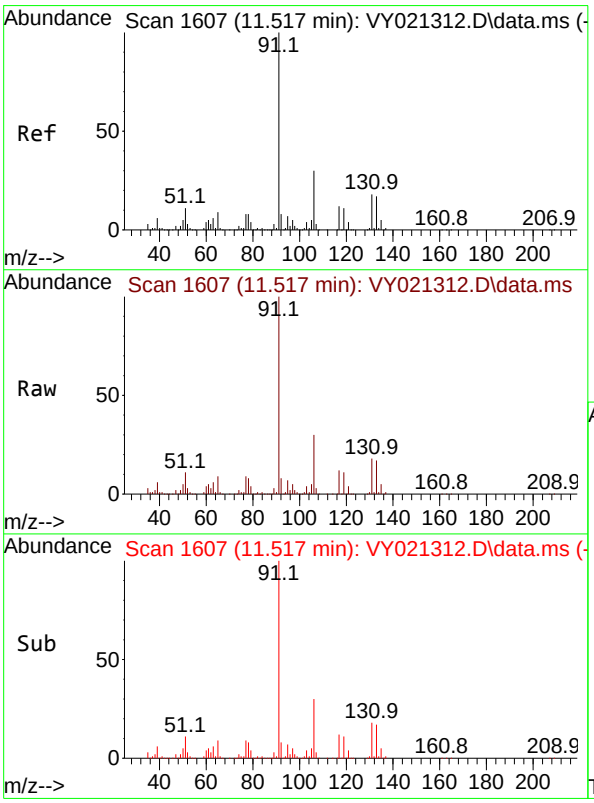
#65
Chlorobenzene
Concen: 52.390 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 281918

Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.0	37.6

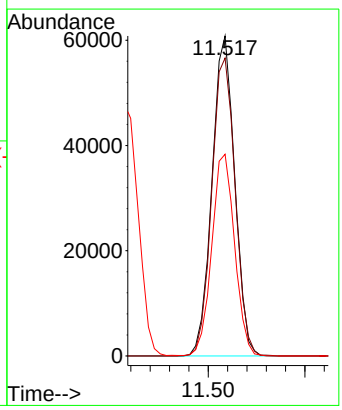


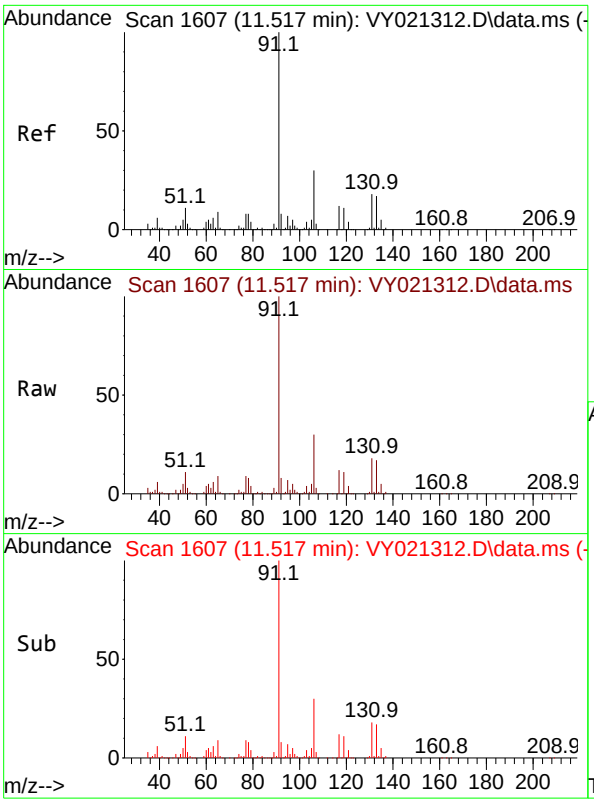


#66
1,1,1,2-Tetrachloroethane
Concen: 52.611 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:131 Resp: 99131

Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.9	143.6
119	63.4	31.7	95.1



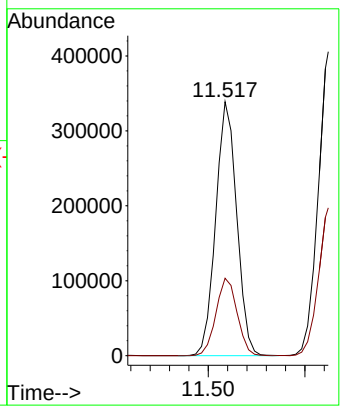


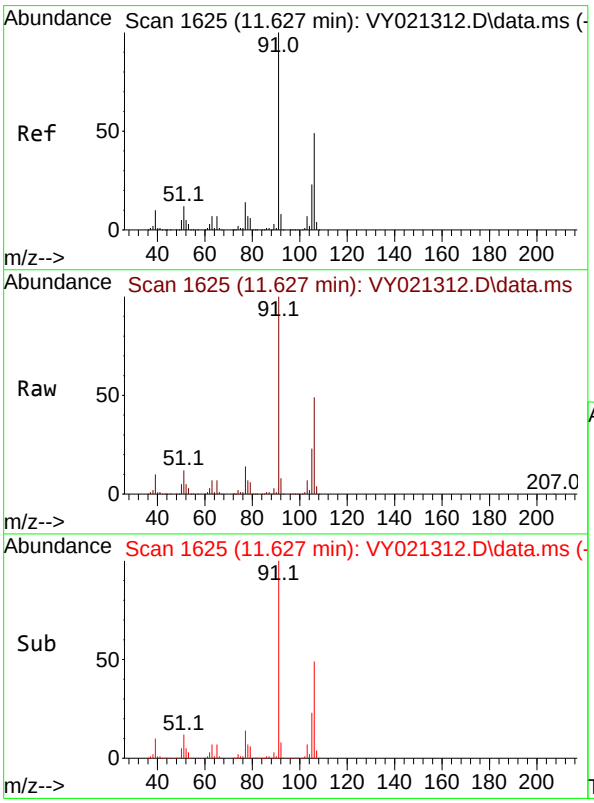
#67
Ethyl Benzene
Concen: 53.573 ug/l
RT: 11.517 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 510639

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.4	36.6

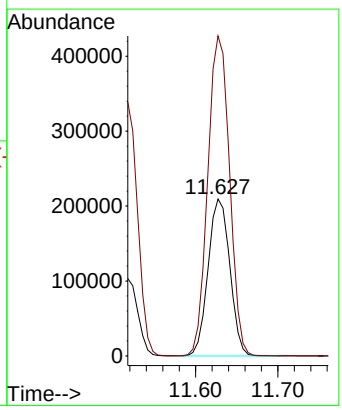


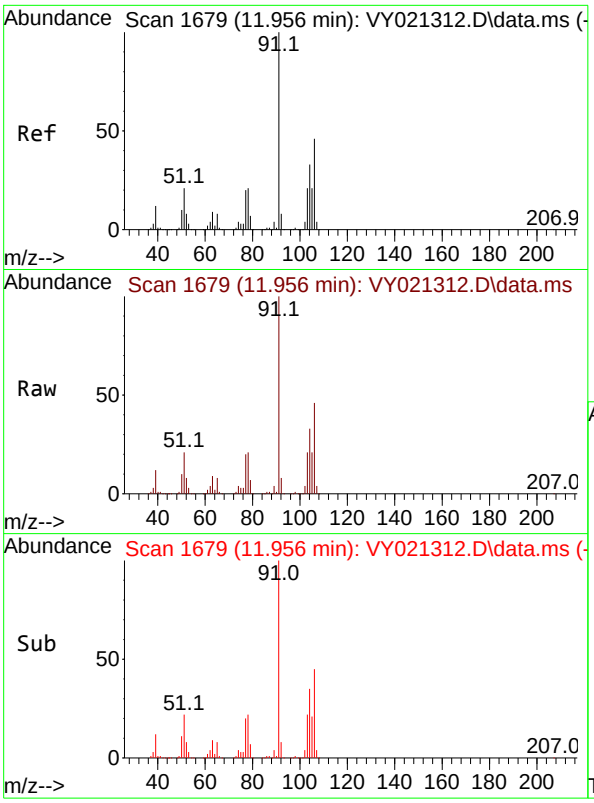


#68
m/p-Xylenes
Concen: 107.204 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:106 Resp: 384346

Ion	Ratio	Lower	Upper
106	100		
91	204.9	163.9	245.9



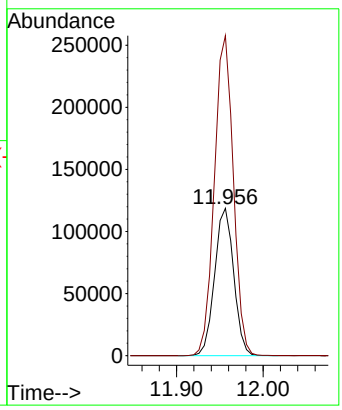


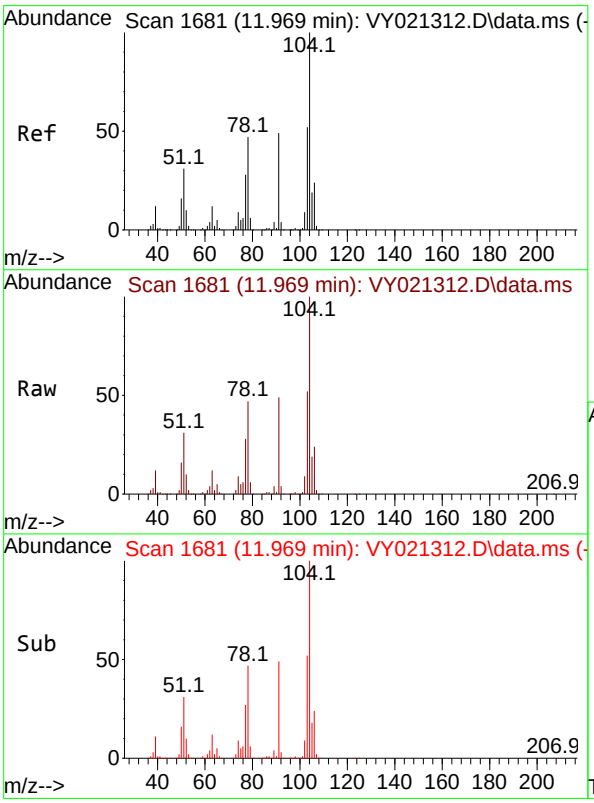
#69
o-Xylene
Concen: 54.108 ug/l
RT: 11.956 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 181728

Ion	Ratio	Lower	Upper
106	100		
91	216.1	108.1	324.2

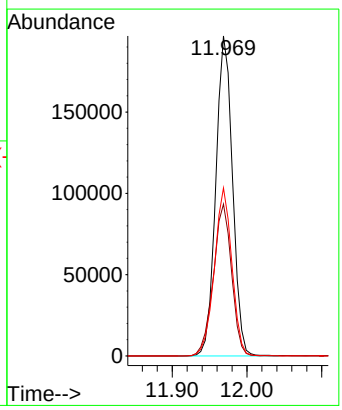


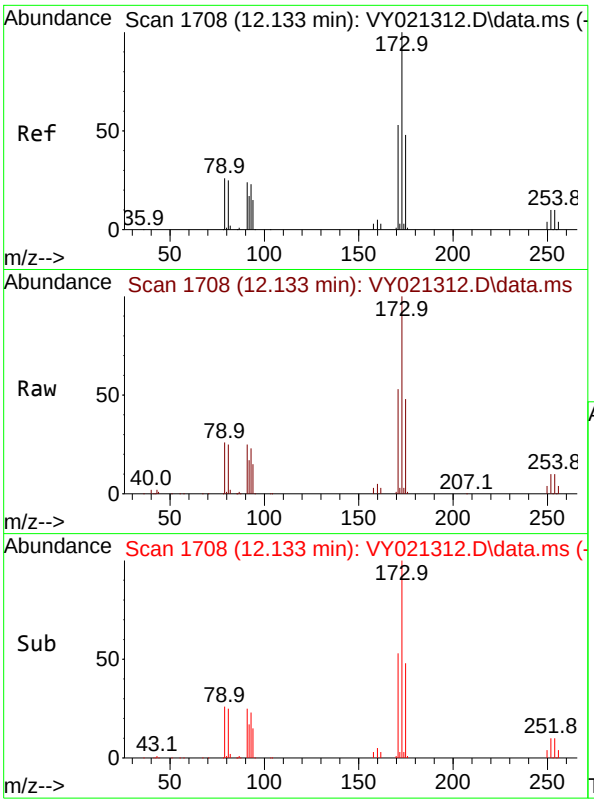


#70
Styrene
Concen: 54.760 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:104 Resp: 306007

Ion	Ratio	Lower	Upper
104	100		
78	51.6	41.3	61.9
103	54.9	43.9	65.9



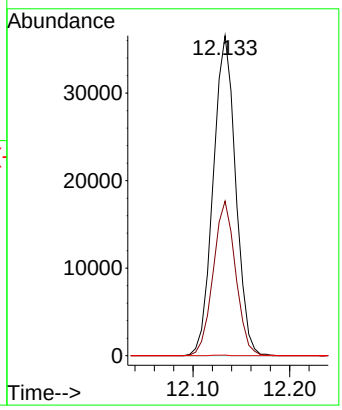


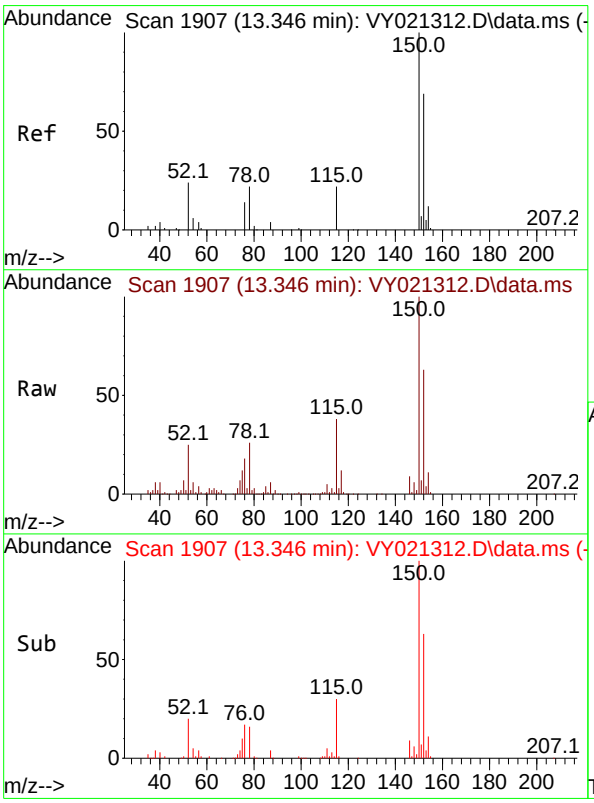
#71
Bromoform
Concen: 54.605 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 58860

Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.1	72.3
254	0.1	0.1	0.1

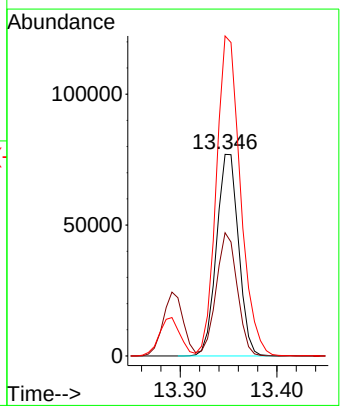


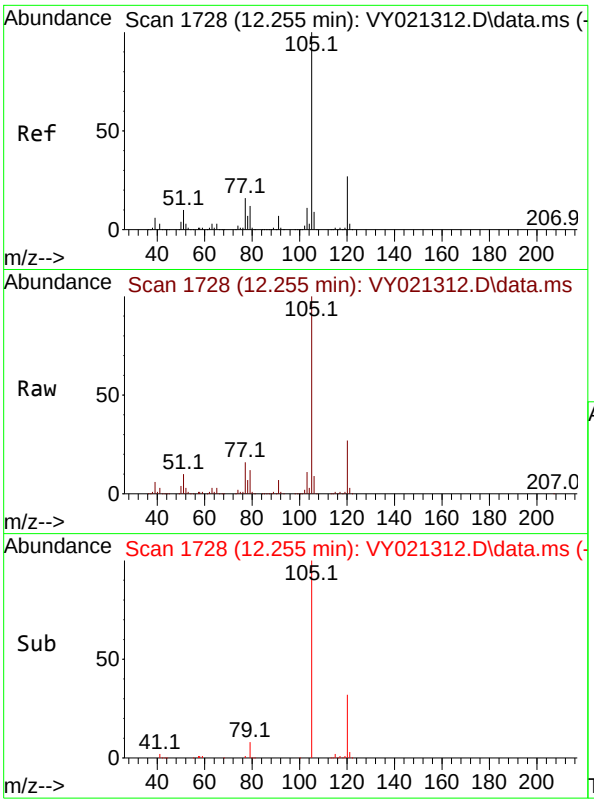


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:152 Resp: 121718

Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.3	88.0
150	173.7	0.0	347.4



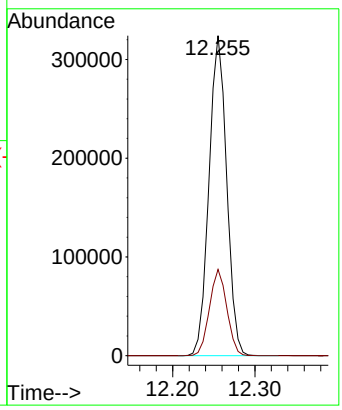


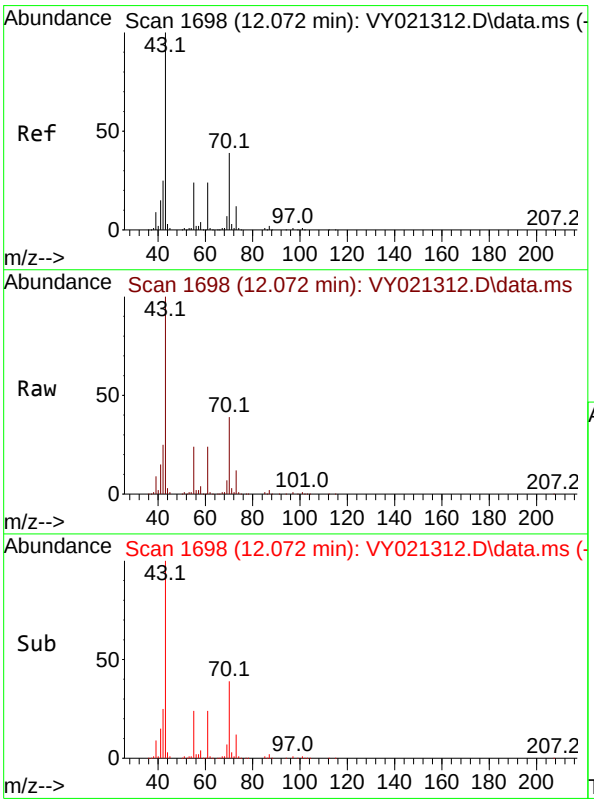
#73
Isopropylbenzene
Concen: 52.885 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 483937

Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.3	39.8

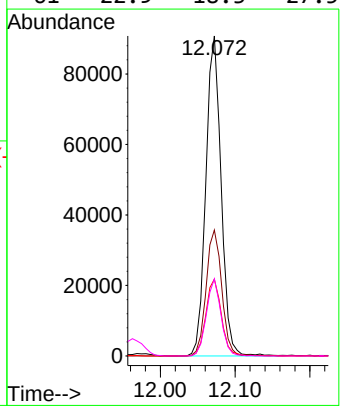


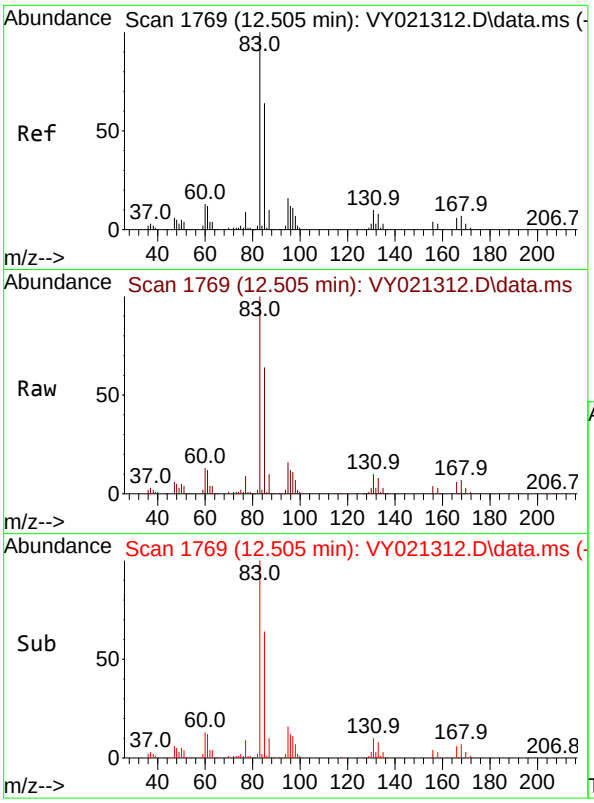


#74
N-amyl acetate
Concen: 55.471 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 43 Resp: 129020

Ion	Ratio	Lower	Upper
43	100		
70	40.2	32.2	48.2
55	24.5	19.6	29.4
61	22.9	18.3	27.5



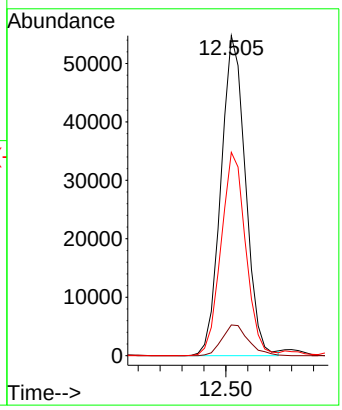


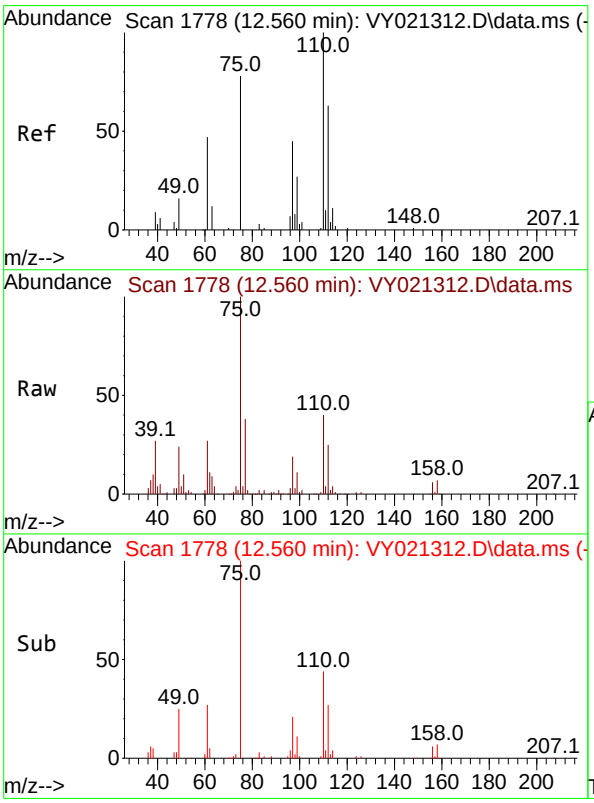
#75
1,1,2,2-Tetrachloroethane
Concen: 52.566 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 84893

Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.2	15.6
85	64.0	32.0	96.0

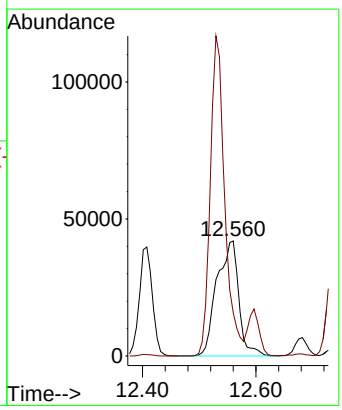


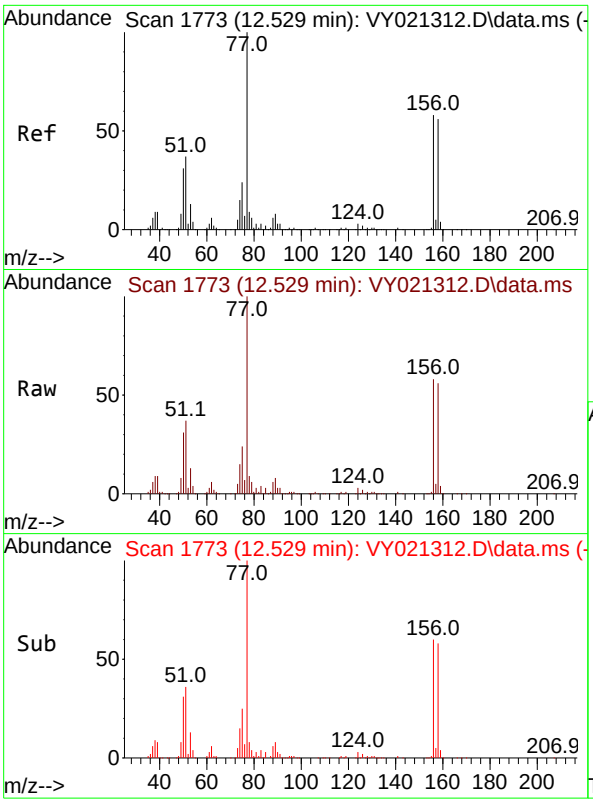


#76
1,2,3-Trichloropropane
Concen: 91.951 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 75 Resp: 112709

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



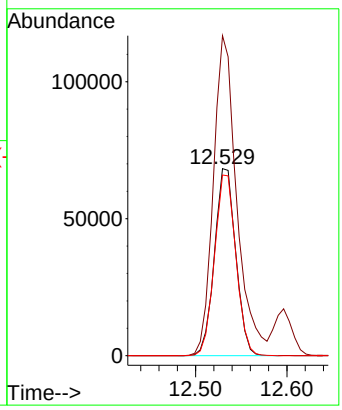


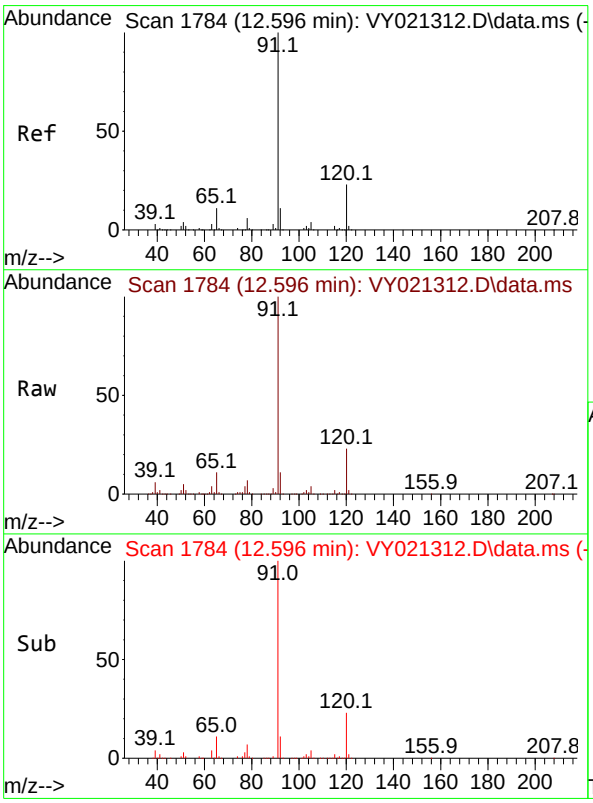
#77
Bromobenzene
Concen: 51.935 ug/l
RT: 12.529 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:156 Resp: 110538

Ion	Ratio	Lower	Upper
156	100		
77	188.1	94.0	282.1
158	97.4	48.7	146.1

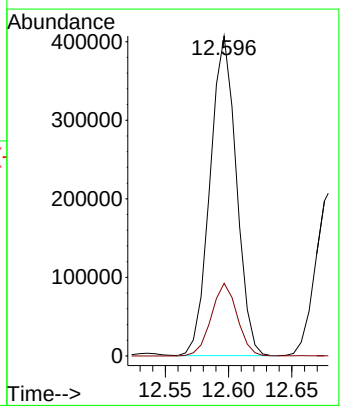


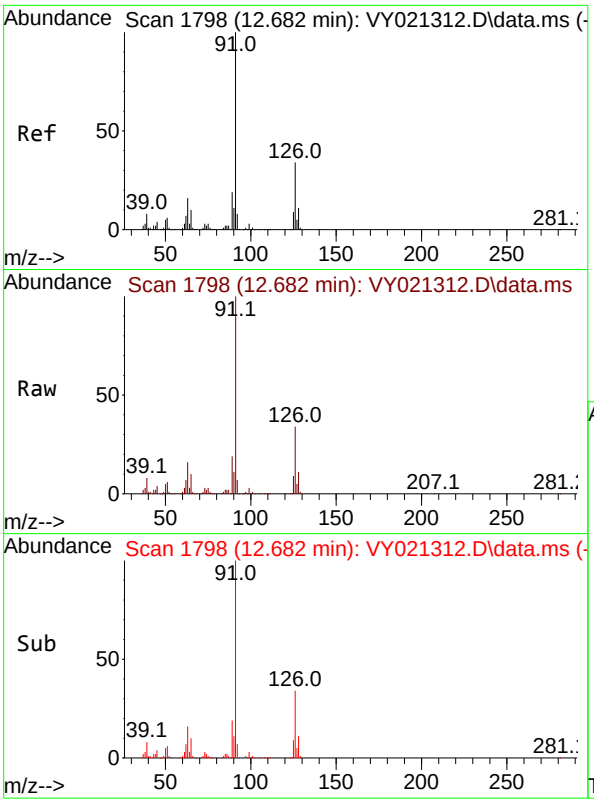


#78
n-propylbenzene
Concen: 52.946 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 91 Resp: 587915

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.2	33.5



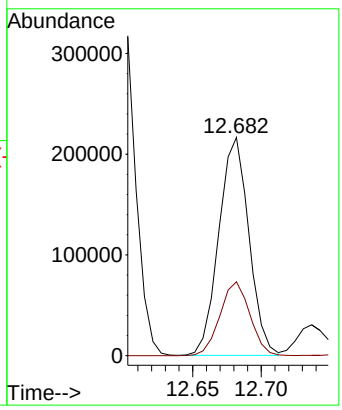


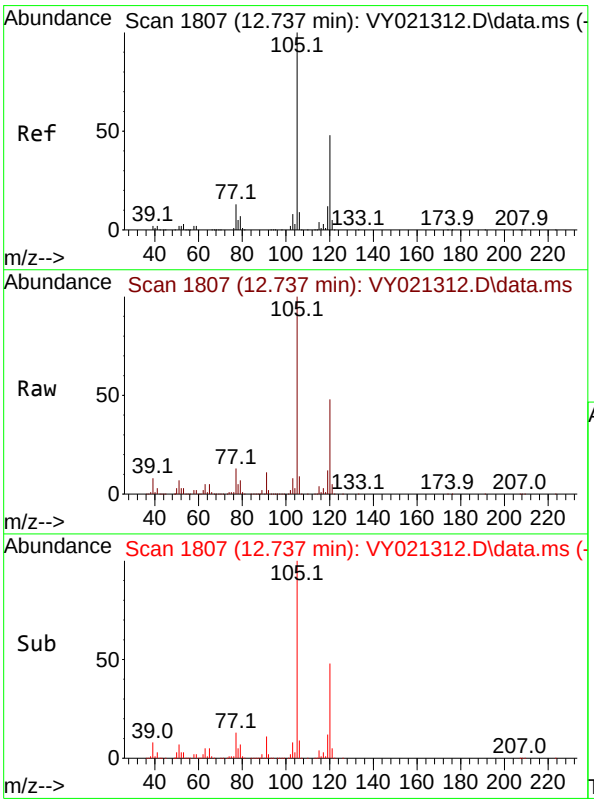
#79
2-Chlorotoluene
Concen: 51.857 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 330472

Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.9	50.6

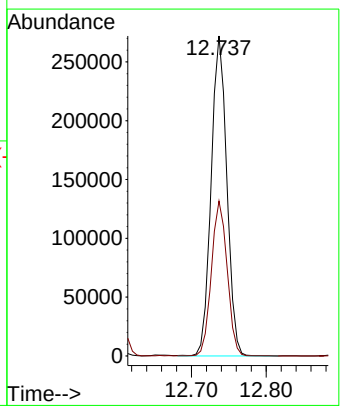


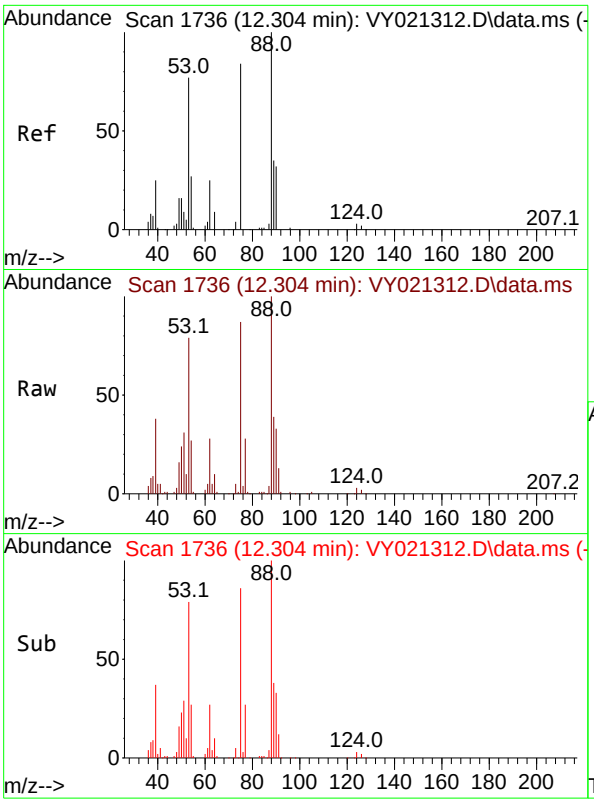


#80
1,3,5-Trimethylbenzene
Concen: 52.712 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:105 Resp: 395609

Ion	Ratio	Lower	Upper
105	100		
120	48.7	24.3	73.0



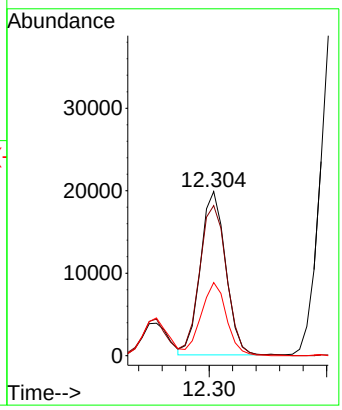


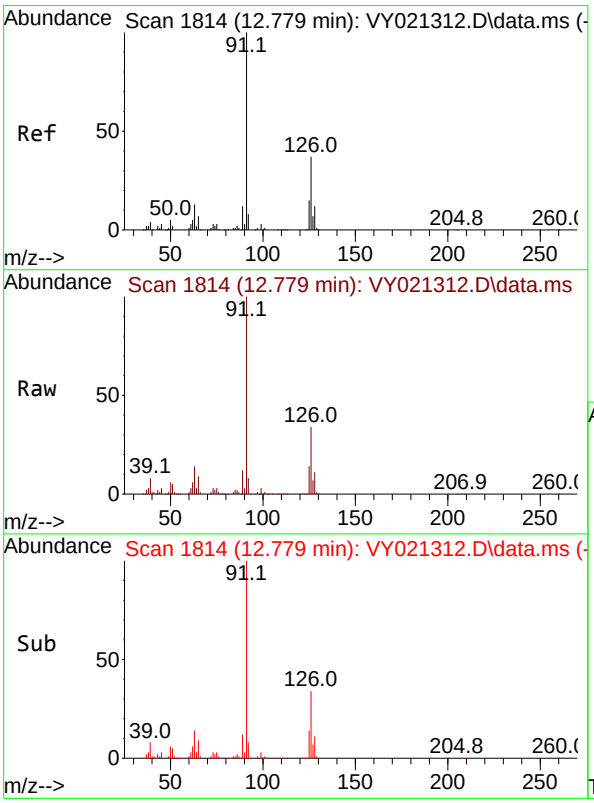
#81
trans-1,4-Dichloro-2-butene
Concen: 54.090 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 29649

Ion	Ratio	Lower	Upper
75	100		
53	98.9	79.1	118.7
89	44.5	35.6	53.4

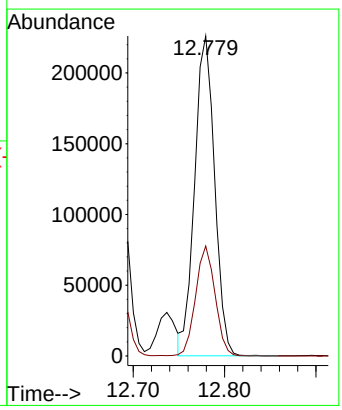


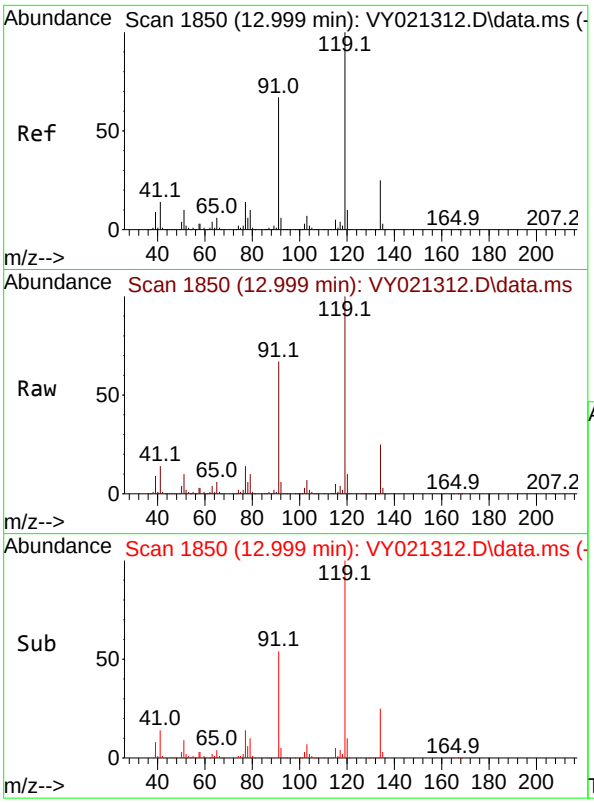


#82
4-Chlorotoluene
Concen: 51.864 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 91 Resp: 342611

Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.8	50.4



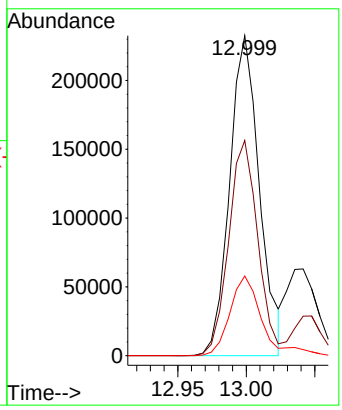


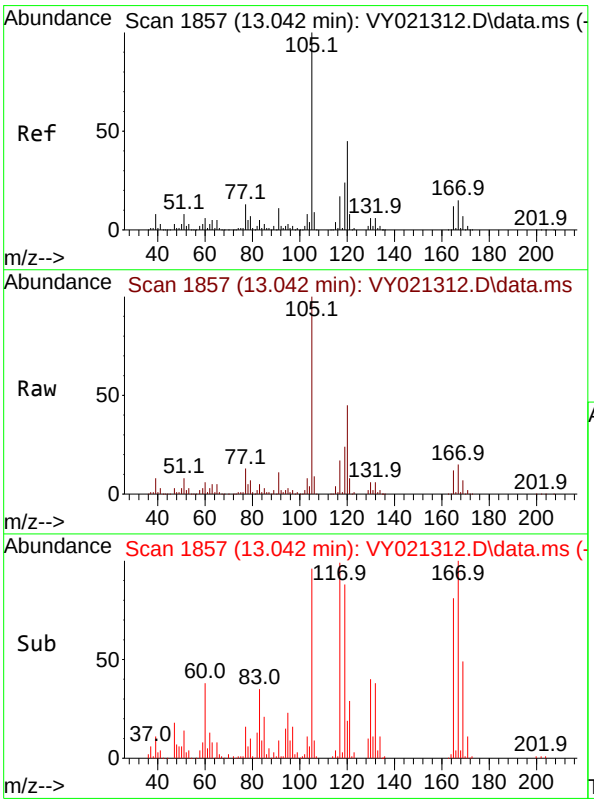
#83
tert-Butylbenzene
Concen: 51.930 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 352055

Ion	Ratio	Lower	Upper
119	100		
91	65.4	32.7	98.1
134	26.6	13.3	39.9

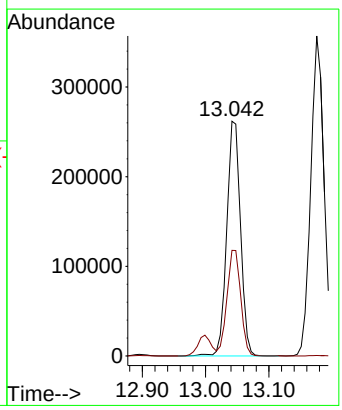


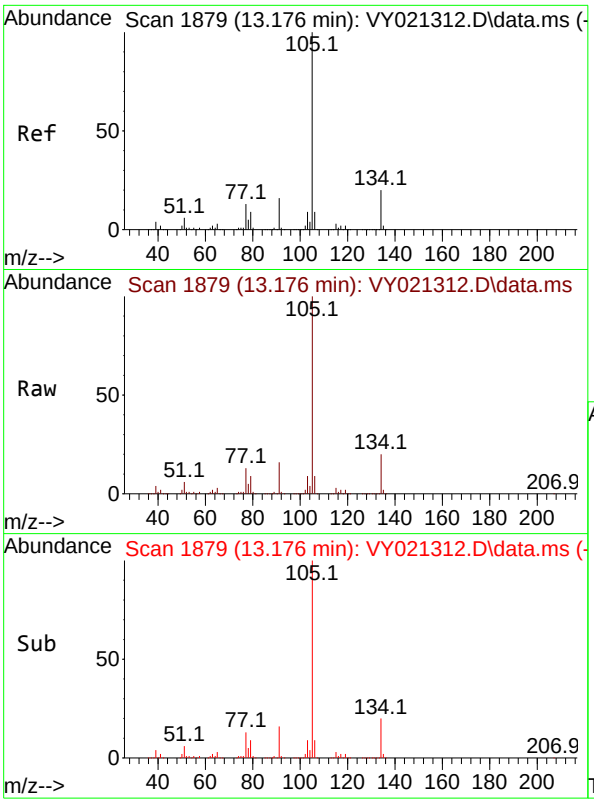


#84
1,2,4-Trimethylbenzene
Concen: 52.962 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:105 Resp: 395315

Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.4	67.3



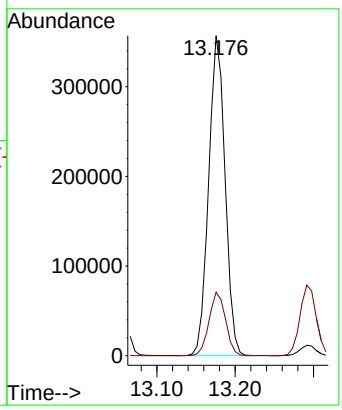


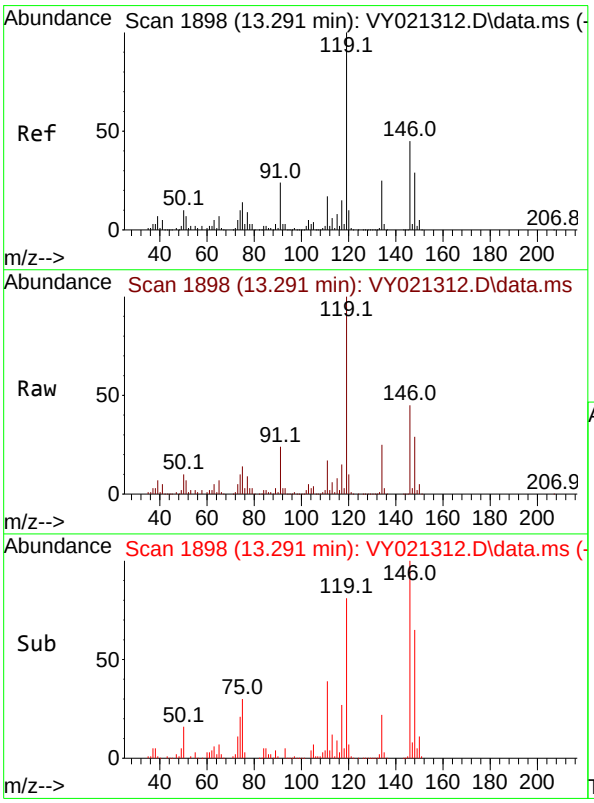
#85
sec-Butylbenzene
Concen: 52.319 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 518094

Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.0	30.0

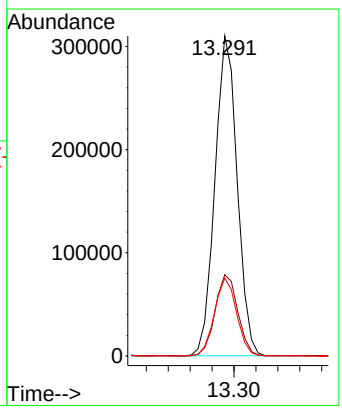


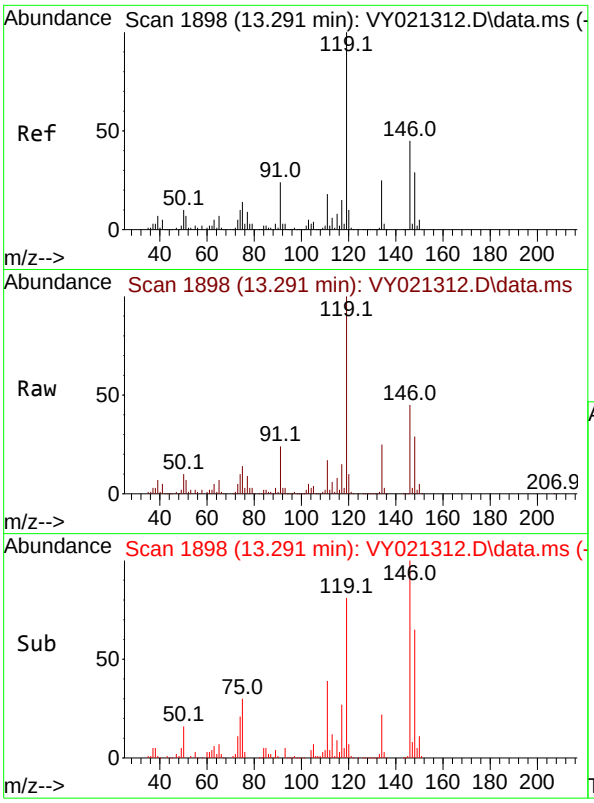


#86
p-Isopropyltoluene
Concen: 52.884 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:119 Resp: 437283

Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.0	38.9
91	24.1	12.0	36.1



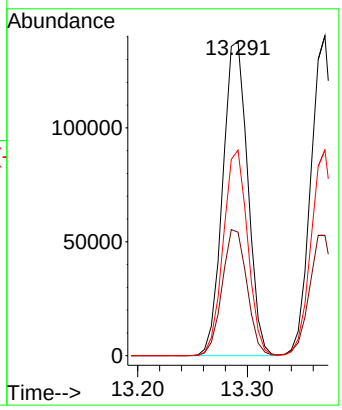


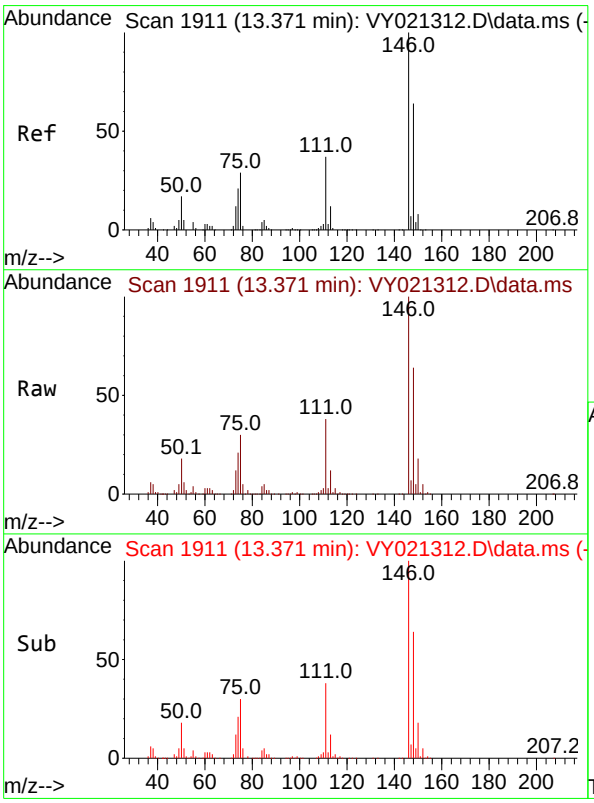
#87
1,3-Dichlorobenzene
Concen: 51.811 ug/l
RT: 13.291 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 218136

Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	59.9
148	63.9	31.9	95.9

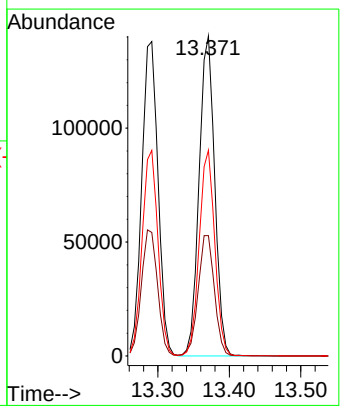


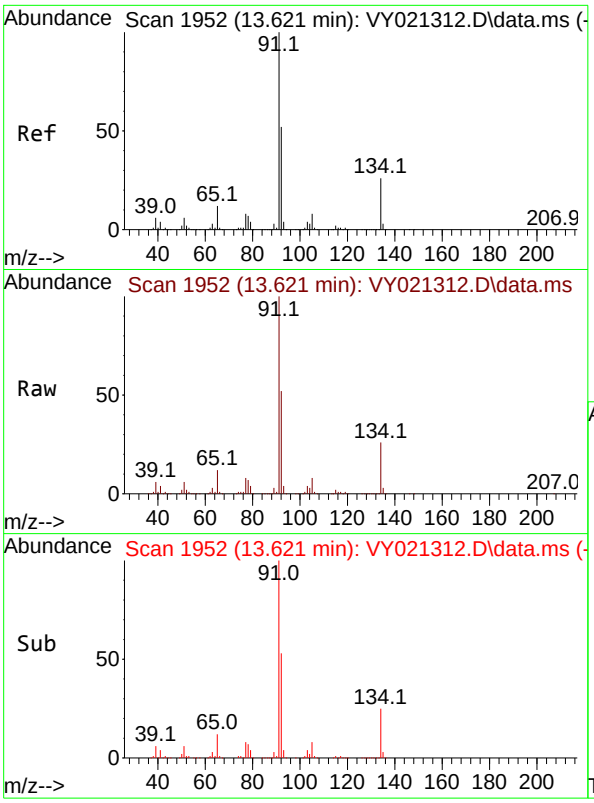


#88
1,4-Dichlorobenzene
Concen: 51.233 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:146 Resp: 213090

Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.5	58.5
148	64.1	32.0	96.2



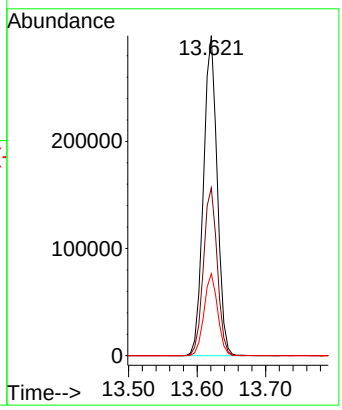


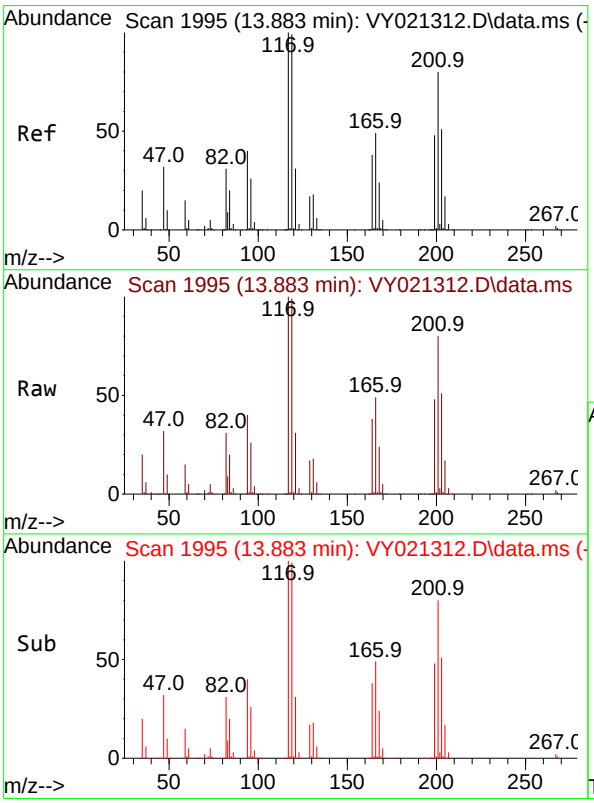
#89
n-Butylbenzene
Concen: 53.510 ug/l
RT: 13.621 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 416377

Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.4	79.2
134	25.3	12.7	38.0

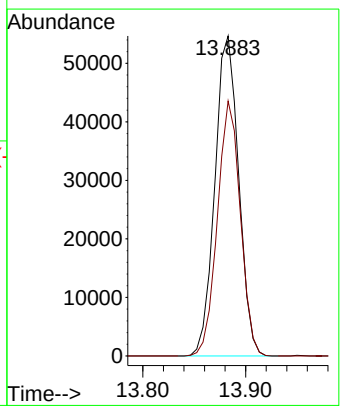


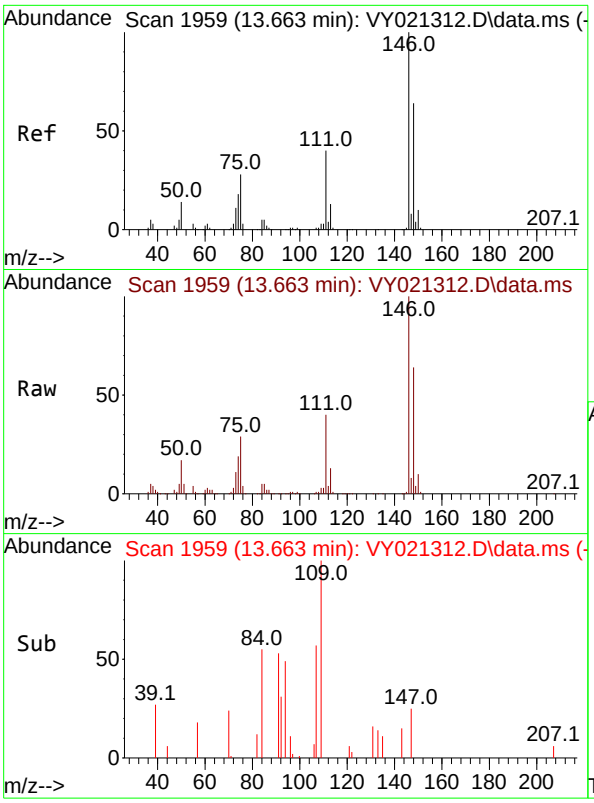


#90
Hexachloroethane
Concen: 50.814 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:117 Resp: 87765

Ion	Ratio	Lower	Upper
117	100		
201	76.8	38.4	115.2



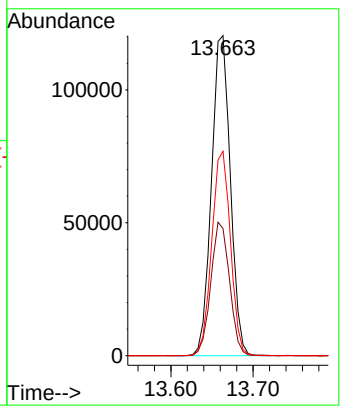


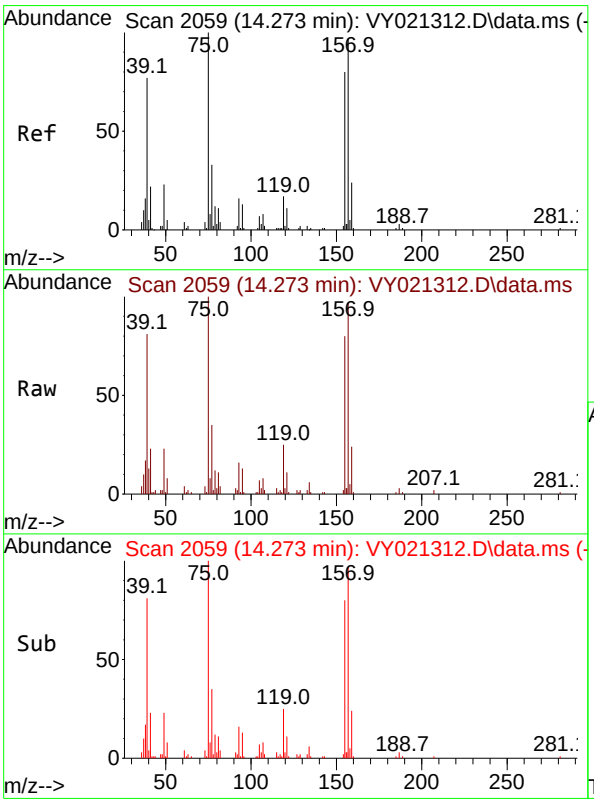
#91
1,2-Dichlorobenzene
Concen: 51.985 ug/l
RT: 13.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 191758

Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.7	62.1
148	63.4	31.7	95.1

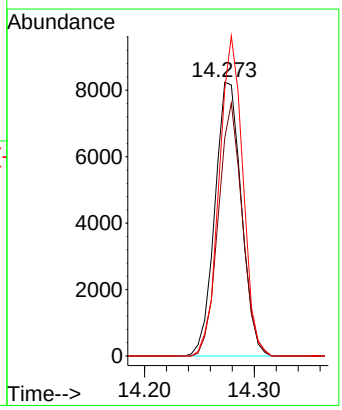


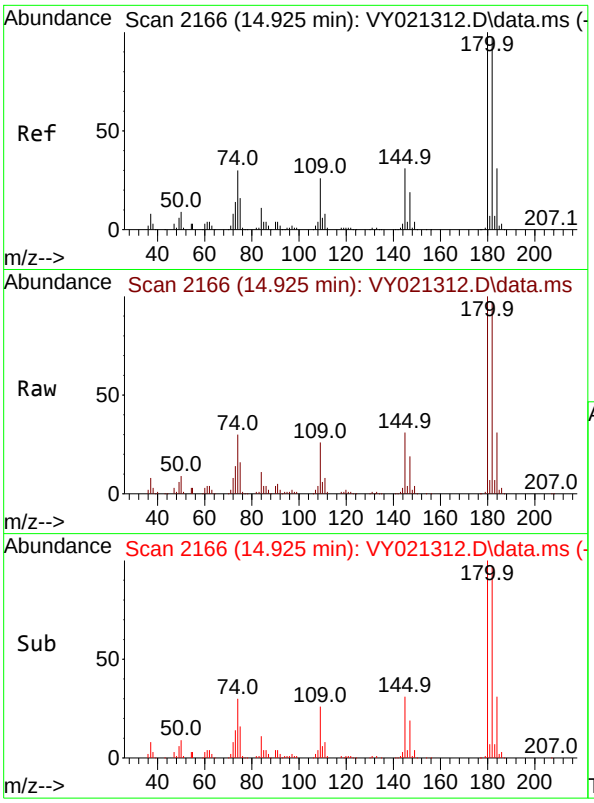


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.947 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 75 Resp: 13782

Ion	Ratio	Lower	Upper
75	100		
155	83.7	41.9	125.6
157	105.1	52.5	157.6



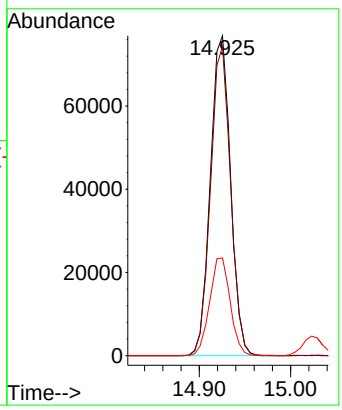


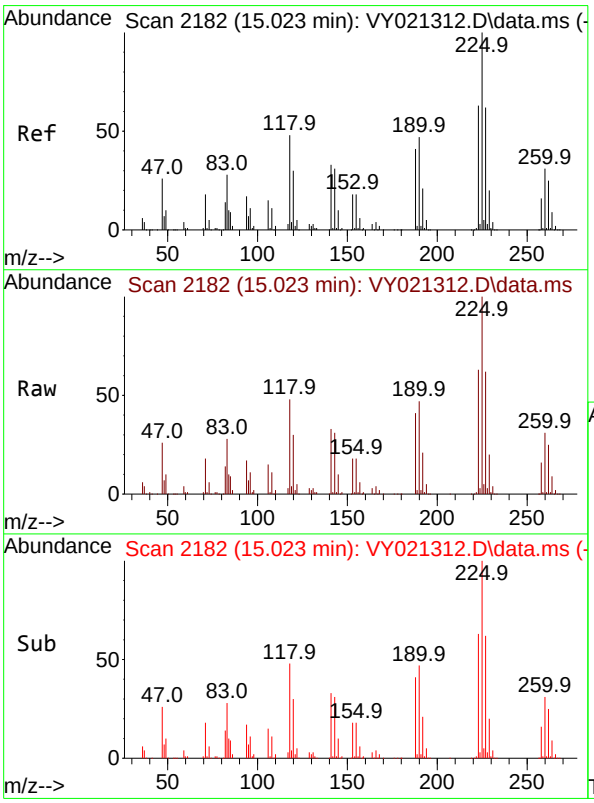
#93
1,2,4-Trichlorobenzene
Concen: 52.360 ug/l
RT: 14.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:180 Resp: 117882

Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.9	143.7
145	31.2	15.6	46.8

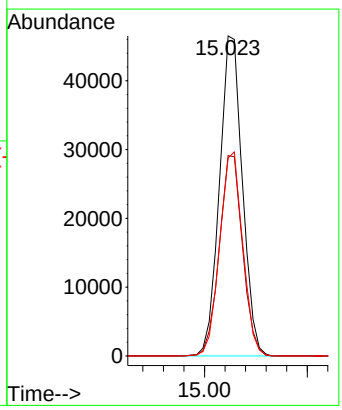


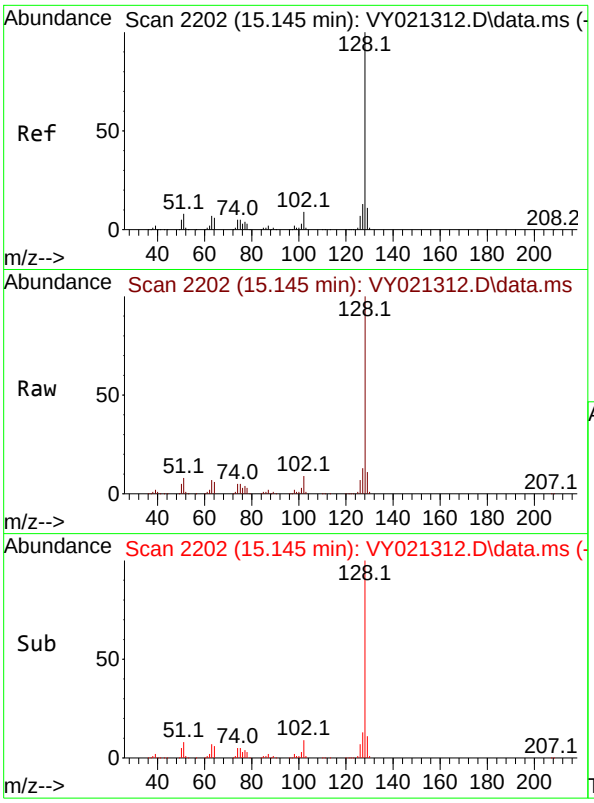


#94
Hexachlorobutadiene
Concen: 50.738 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:225 Resp: 71915

Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.8	95.4
227	63.8	31.9	95.7



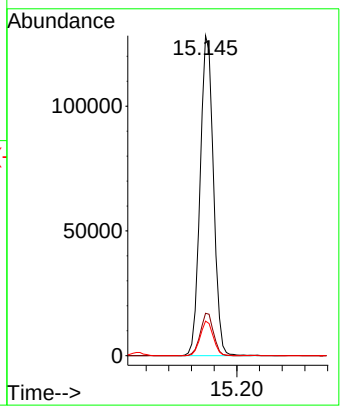


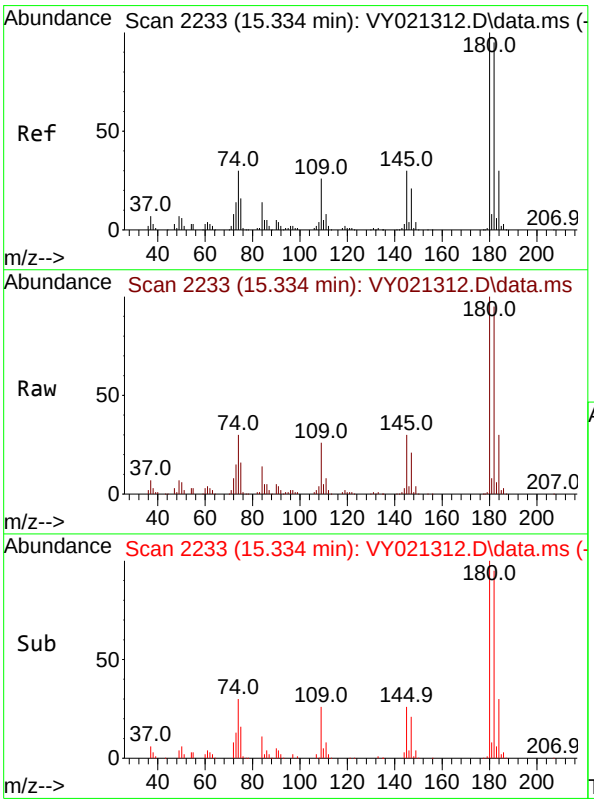
#95
Naphthalene
Concen: 56.174 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 209478

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.6	8.5	12.7

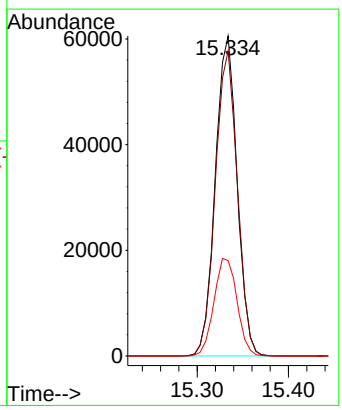




#96
1,2,3-Trichlorobenzene
Concen: 52.735 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:180 Resp: 100312

Ion	Ratio	Lower	Upper
180	100		
182	96.6	48.3	144.9
145	32.2	16.1	48.3



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021314.D
Acq On : 25 Feb 2025 15:57
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Quant Time: Feb 26 01:46:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	180458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	283003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	248493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	121558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	306215	149.582	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 299.160%#			
35) Dibromofluoromethane	7.634	113	283537	152.818	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 305.640%#			
50) Toluene-d8	10.103	98	1094820	152.682	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 305.360%#			
62) 4-Bromofluorobenzene	12.401	95	369071	152.937	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 305.880%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	259643	151.753	ug/l	99
3) Chloromethane	2.068	50	323414	146.365	ug/l	99
4) Vinyl Chloride	2.202	62	328290	151.368	ug/l	97
5) Bromomethane	2.580	94	200754	139.293	ug/l	100
6) Chloroethane	2.726	64	197463	146.820	ug/l	97
7) Trichlorofluoromethane	3.056	101	492238	150.283	ug/l	98
8) Diethyl Ether	3.452	74	154649	157.312	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.811	101	293114	154.570	ug/l	99
10) Methyl Iodide	4.000	142	338246	169.542	ug/l	99
11) Tert butyl alcohol	4.860	59	106628	677.165	ug/l	99
12) 1,1-Dichloroethene	3.787	96	280431	154.445	ug/l	98
13) Acrolein	3.647	56	17213	142.652	ug/l	96
14) Allyl chloride	4.378	41	507854	157.755	ug/l	98
15) Acrylonitrile	5.055	53	344988	793.713	ug/l	99
16) Acetone	3.860	43	280172	713.470	ug/l	97
17) Carbon Disulfide	4.104	76	908476	150.676	ug/l	99
18) Methyl Acetate	4.378	43	149226	155.496	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	763596	159.172	ug/l	100
20) Methylene Chloride	4.610	84	296032	139.409	ug/l	99
21) trans-1,2-Dichloroethene	5.110	96	308627	154.401	ug/l	98
22) Diisopropyl ether	6.018	45	1028788	154.433	ug/l	96
23) Vinyl Acetate	5.957	43	3191401	801.685	ug/l	99
24) 1,1-Dichloroethane	5.915	63	572832	152.564	ug/l	98
25) 2-Butanone	6.890	43	462541	780.449	ug/l	97
26) 2,2-Dichloropropane	6.884	77	515178	151.214	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	354979	155.519	ug/l	99
28) Bromochloromethane	7.244	49	251245	151.227	ug/l	99
29) Tetrahydrofuran	7.256	42	309130	797.978	ug/l	99
30) Chloroform	7.421	83	574920	151.112	ug/l	100
31) Cyclohexane	7.695	56	525636	145.637	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	529792	152.986	ug/l	99
36) 1,1-Dichloropropene	7.835	75	429157	153.985	ug/l	100
37) Ethyl Acetate	6.982	43	216920	156.470	ug/l	100
38) Carbon Tetrachloride	7.817	117	481774	153.764	ug/l	99
39) Methylcyclohexane	9.103	83	563132	159.752	ug/l	97
40) Benzene	8.079	78	1249573	151.673	ug/l	100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021314.D
Acq On : 25 Feb 2025 15:57
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Quant Time: Feb 26 01:46:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.219	41	123663	159.542 ug/l		95
42) 1,2-Dichloroethane	8.152	62	355374	152.036 ug/l		99
43) Isopropyl Acetate	8.195	43	433742	161.641 ug/l		98
44) Trichloroethene	8.865	130	318590	154.457 ug/l		99
45) 1,2-Dichloropropane	9.140	63	302967	152.809 ug/l		99
46) Dibromomethane	9.231	93	168654	155.620 ug/l		99
47) Bromodichloromethane	9.420	83	448398	155.172 ug/l		99
48) Methyl methacrylate	9.219	41	213222	169.923 ug/l		100
49) 1,4-Dioxane	9.225	88	38142	3165.209 ug/l		93
51) 4-Methyl-2-Pentanone	9.993	43	1121500	816.471 ug/l		100
52) Toluene	10.170	92	794485	155.232 ug/l		100
53) t-1,3-Dichloropropene	10.390	75	432560	163.384 ug/l		98
54) cis-1,3-Dichloropropene	9.853	75	493601	157.928 ug/l		100
55) 1,1,2-Trichloroethane	10.572	97	215312	152.506 ug/l		98
56) Ethyl methacrylate	10.438	69	337816	173.168 ug/l		99
57) 1,3-Dichloropropane	10.713	76	385803	155.726 ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	761125	812.859 ug/l		100
59) 2-Hexanone	10.755	43	754575	836.458 ug/l		98
60) Dibromochloromethane	10.908	129	299188	155.598 ug/l		99
61) 1,2-Dibromoethane	11.011	107	208046	155.651 ug/l		99
64) Tetrachloroethene	10.646	164	288026	153.351 ug/l		98
65) Chlorobenzene	11.438	112	863676	154.837 ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.511	131	301244	154.234 ug/l		100
67) Ethyl Benzene	11.517	91	1576743	159.586 ug/l		100
68) m/p-Xylenes	11.627	106	1167839	314.246 ug/l		100
69) o-Xylene	11.950	106	550972	158.258 ug/l		99
70) Styrene	11.969	104	936967	161.754 ug/l		100
71) Bromoform	12.133	173	175918	157.441 ug/l	#	99
73) Isopropylbenzene	12.255	105	1461905	159.969 ug/l		99
74) N-amyl acetate	12.066	43	403238	173.596 ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	251216	155.759 ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	339496	277.334 ug/l	#	100
77) Bromobenzene	12.529	156	333772	157.025 ug/l		99
78) n-propylbenzene	12.597	91	1765636	159.217 ug/l		100
79) 2-Chlorotoluene	12.682	91	995452	156.411 ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	1190462	158.830 ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	92910	169.722 ug/l		98
82) 4-Chlorotoluene	12.779	91	1021811	154.883 ug/l		100
83) tert-Butylbenzene	12.999	119	1094125	161.602 ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	1192062	159.915 ug/l		99
85) sec-Butylbenzene	13.176	105	1558540	157.594 ug/l		100
86) p-Isopropyltoluene	13.291	119	1327819	160.795 ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	648204	154.161 ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	635981	153.109 ug/l		100
89) n-Butylbenzene	13.615	91	1269399	163.350 ug/l		99
90) Hexachloroethane	13.877	117	275368	159.641 ug/l		100
91) 1,2-Dichlorobenzene	13.657	146	570360	154.826 ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	42060	164.851 ug/l		99
93) 1,2,4-Trichlorobenzene	14.919	180	384163	170.860 ug/l		99
94) Hexachlorobutadiene	15.023	225	224602	158.670 ug/l		99
95) Naphthalene	15.145	128	694625	186.517 ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	326876	172.067 ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021314.D
Acq On : 25 Feb 2025 15:57
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Quant Time: Feb 26 01:46:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

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

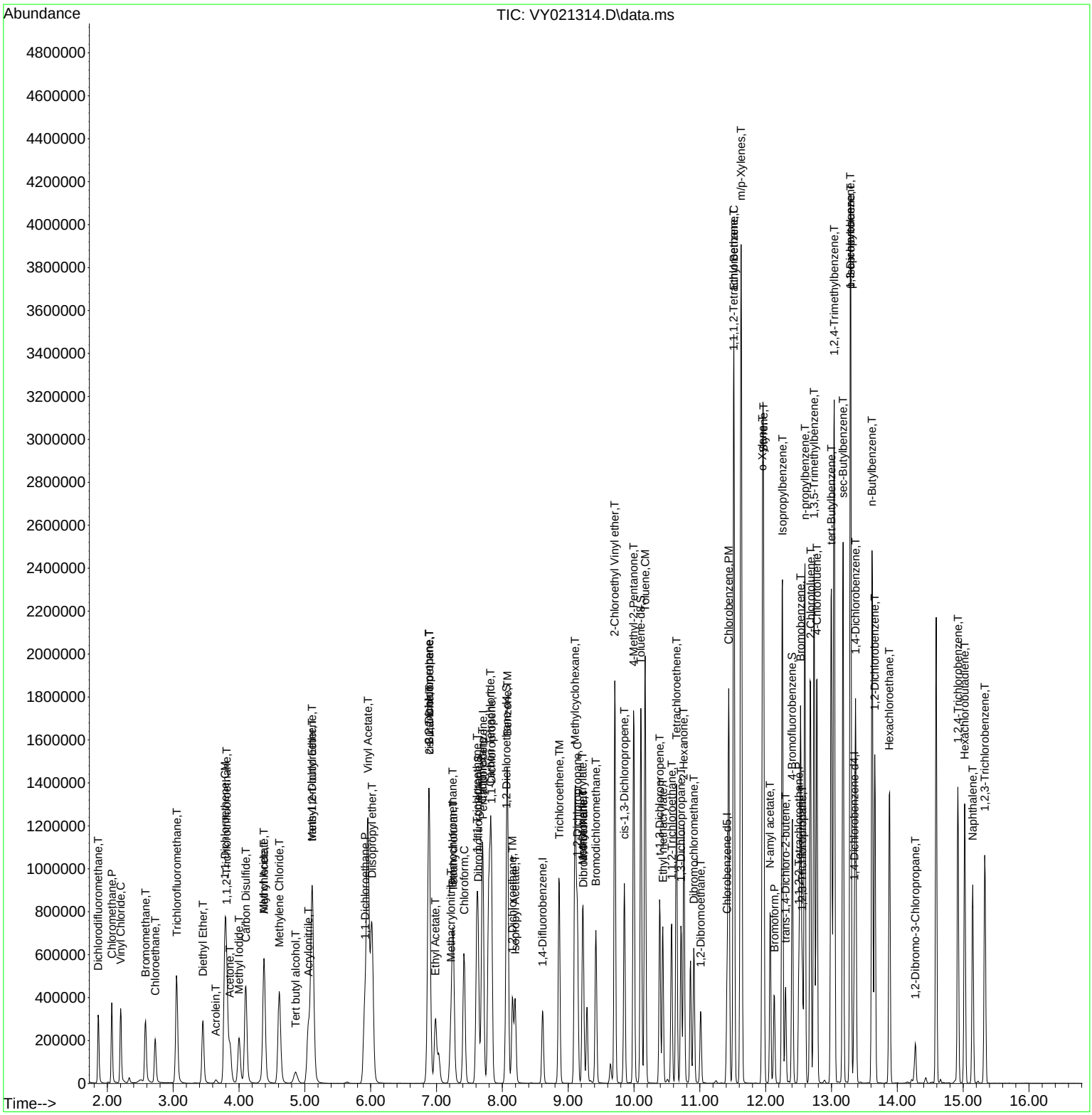
(#) = qualifier out of range (m) = manual integration (+) = signals summed

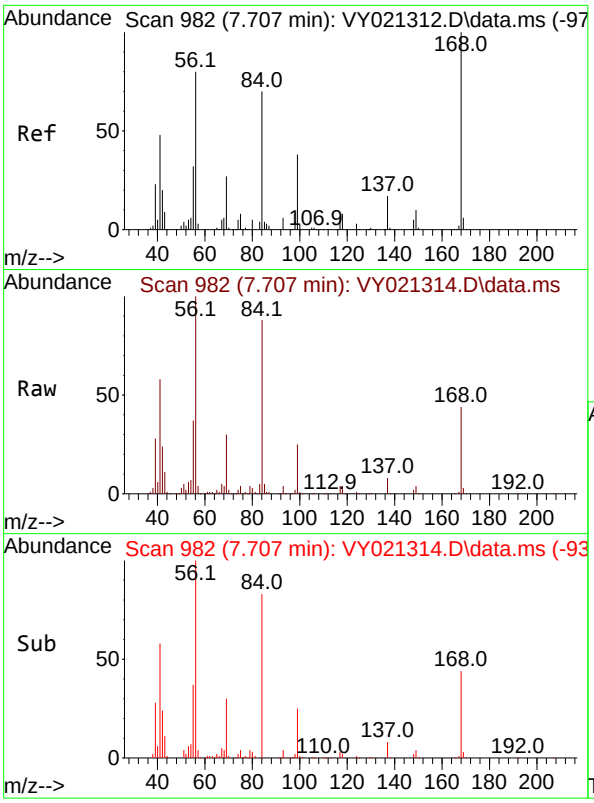
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021314.D
Acq On : 25 Feb 2025 15:57
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Quant Time: Feb 26 01:46:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration



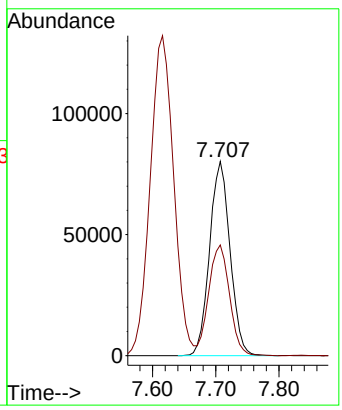


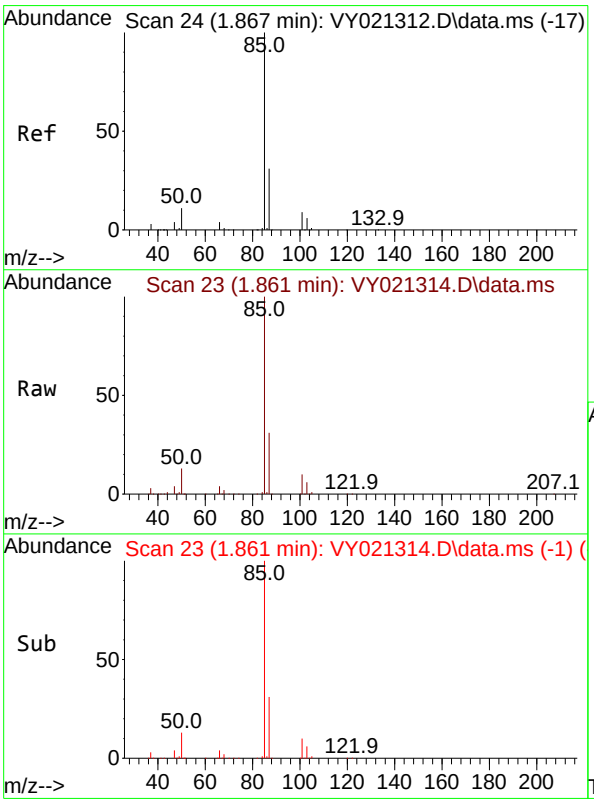
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:168 Resp: 180458

Ion	Ratio	Lower	Upper
168	100		
99	57.0	47.1	70.7

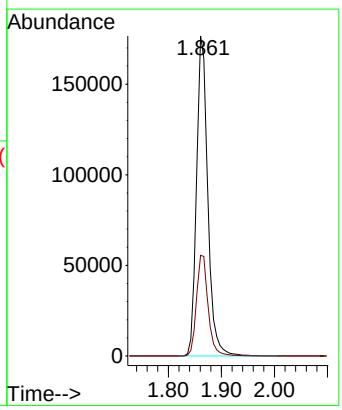


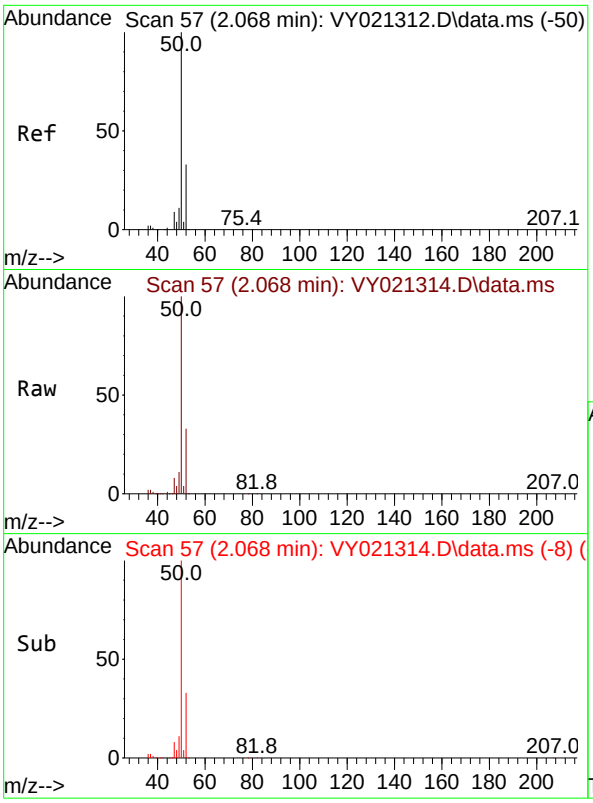


#2
Dichlorodifluoromethane
Concen: 151.753 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 85 Resp: 259643

Ion	Ratio	Lower	Upper
85	100		
87	31.5	15.4	46.4



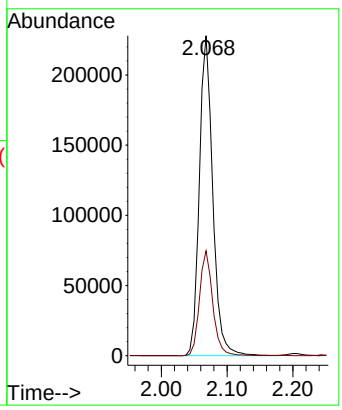


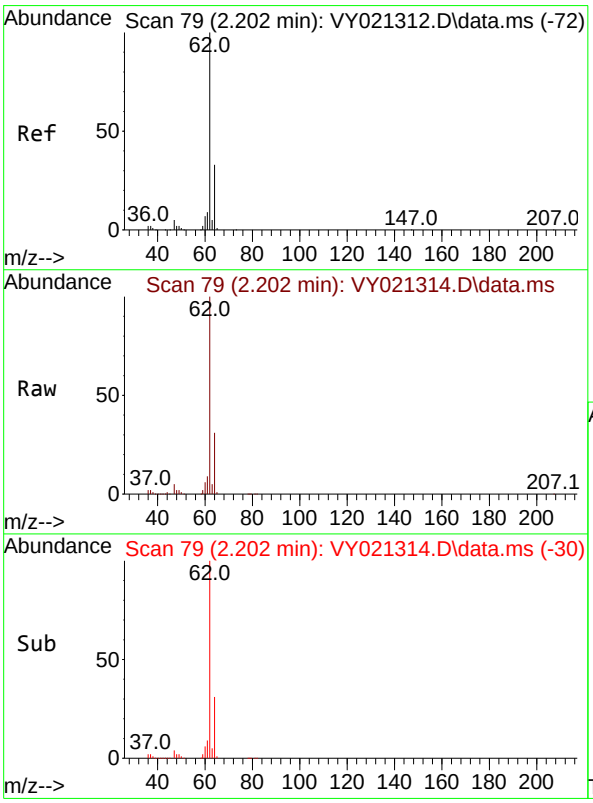
#3
Chloromethane
Concen: 146.365 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 50 Resp: 323414

Ion	Ratio	Lower	Upper
50	100		
52	32.7	26.6	40.0

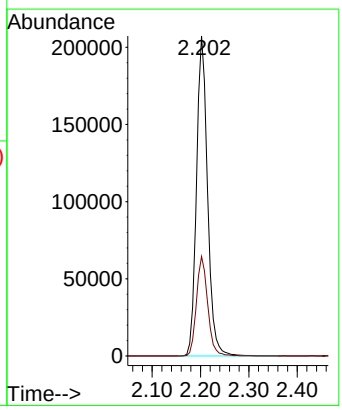


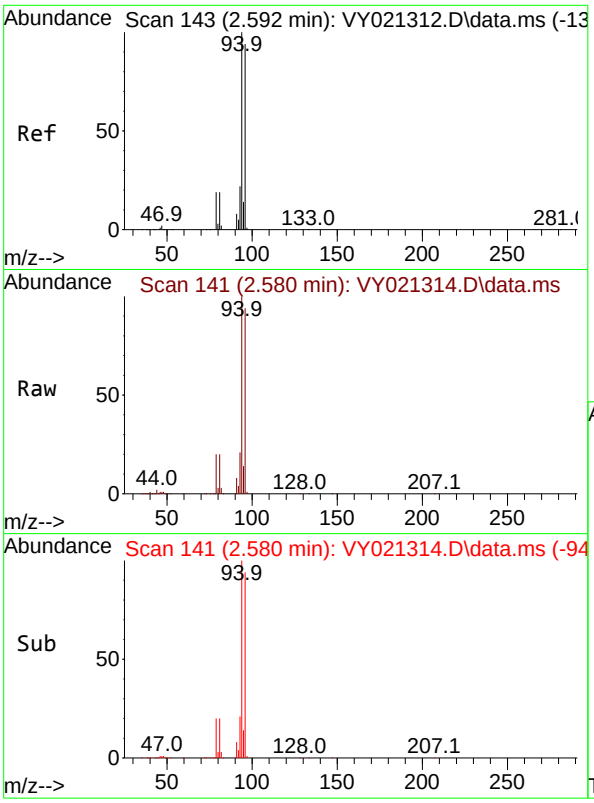


#4
Vinyl Chloride
Concen: 151.368 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 62 Resp: 328290

Ion	Ratio	Lower	Upper
62	100		
64	31.1	26.3	39.5



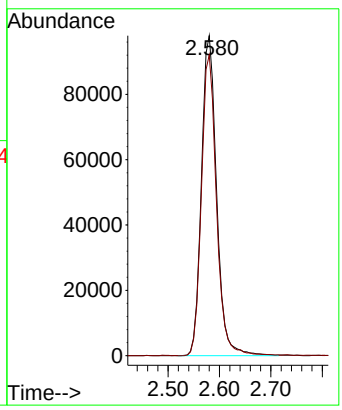


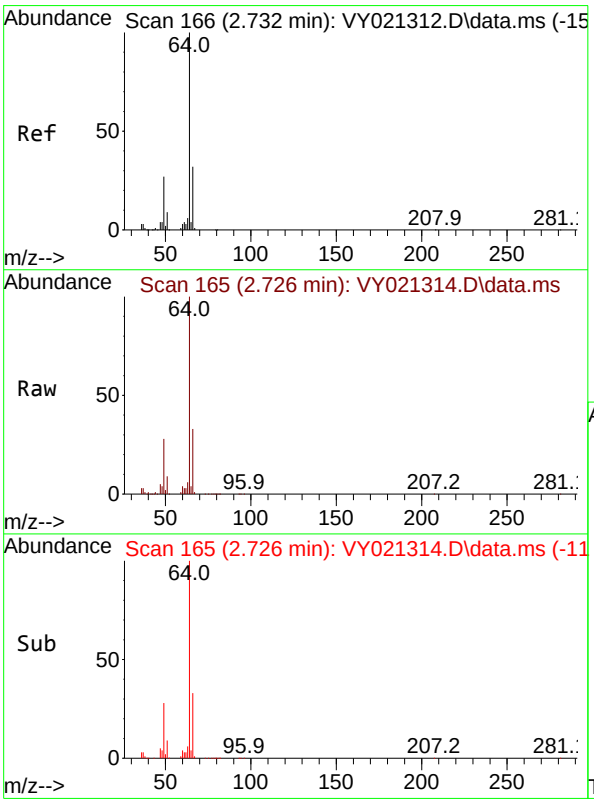
#5
Bromomethane
Concen: 139.293 ug/l
RT: 2.580 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 94 Resp: 200754

Ion	Ratio	Lower	Upper
94	100		
96	93.9	75.2	112.8

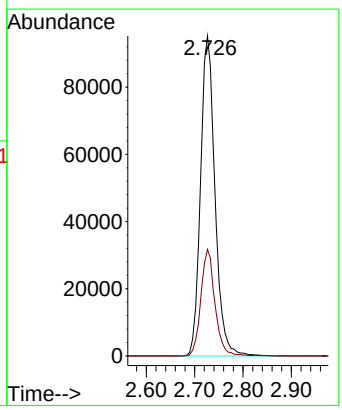


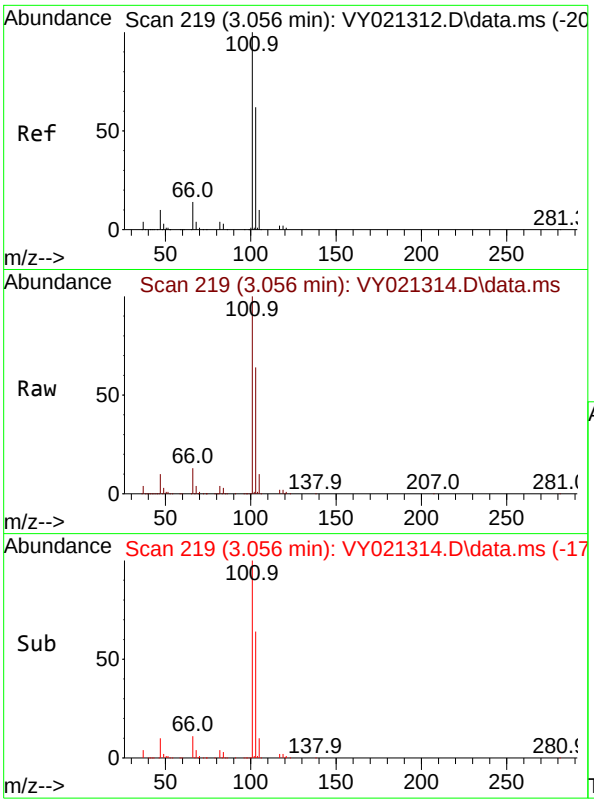


#6
Chloroethane
Concen: 146.820 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 64 Resp: 197463

Ion	Ratio	Lower	Upper
64	100		
66	33.3	25.4	38.0



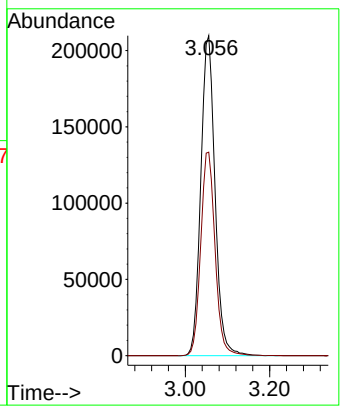


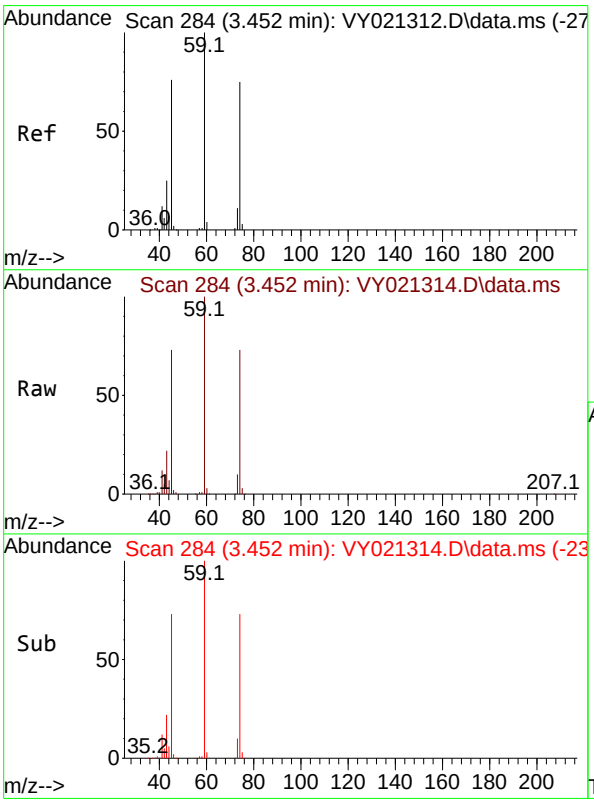
#7
Trichlorofluoromethane
Concen: 150.283 ug/l
RT: 3.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 492238

Ion	Ratio	Lower	Upper
101	100		
103	63.6	49.7	74.5

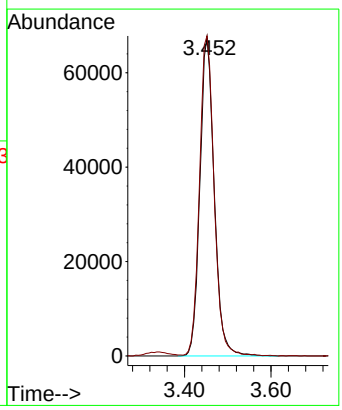


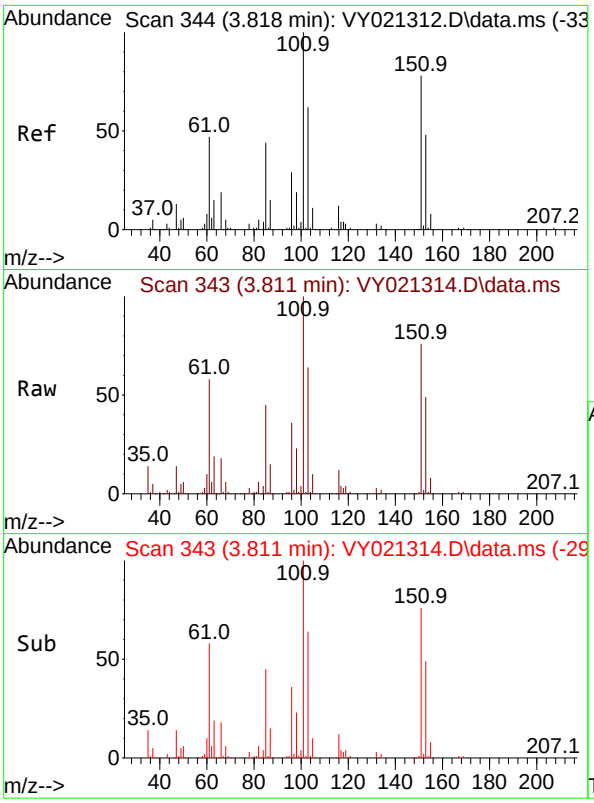


#8
Diethyl Ether
Concen: 157.312 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 74 Resp: 154649

Ion	Ratio	Lower	Upper
74	100		
45	103.0	50.3	150.9



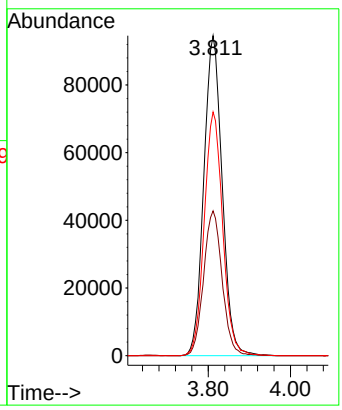


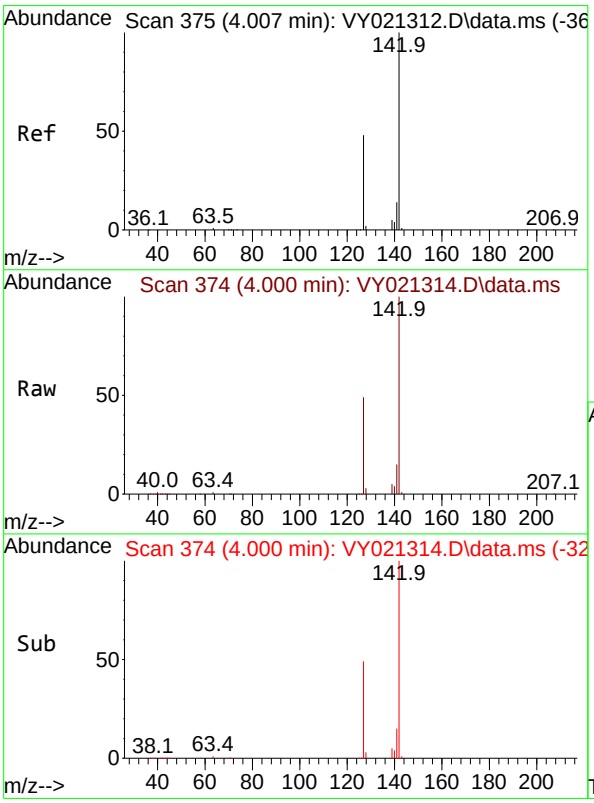
#9
1,1,2-Trichlorotrifluoroethane
Concen: 154.570 ug/l
RT: 3.811 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 293114

Ion	Ratio	Lower	Upper
101	100		
85	45.8	36.7	55.1
151	76.6	62.6	94.0

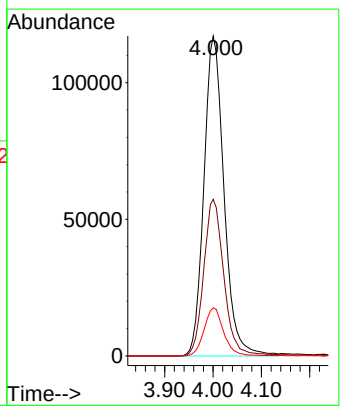


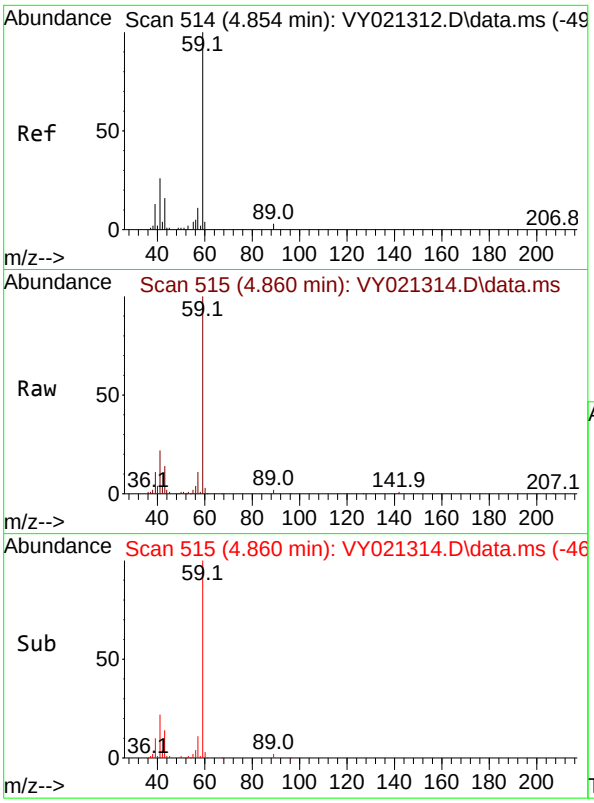


#10
Methyl Iodide
Concen: 169.542 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:142 Resp: 338246

Ion	Ratio	Lower	Upper
142	100		
127	49.4	39.2	58.8
141	14.8	11.4	17.2



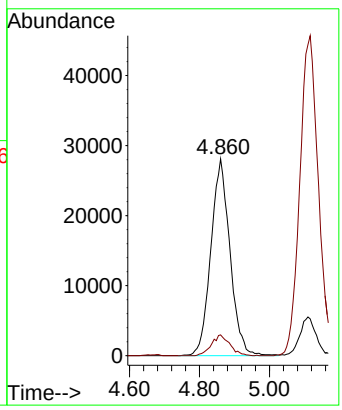


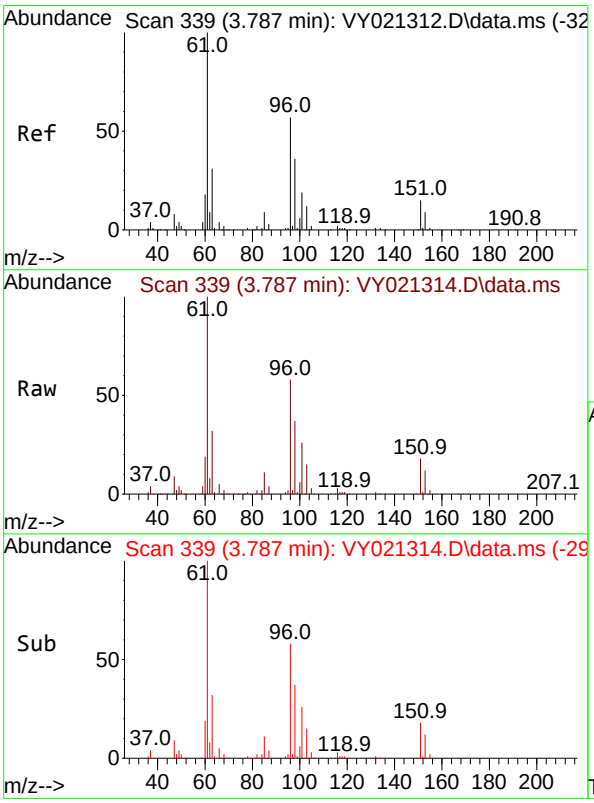
#11
Tert butyl alcohol
Concen: 677.165 ug/l
RT: 4.860 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 59 Resp: 106628

Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.3	12.5

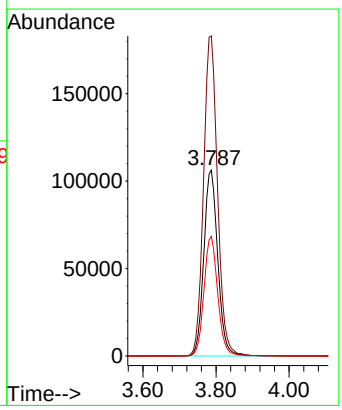


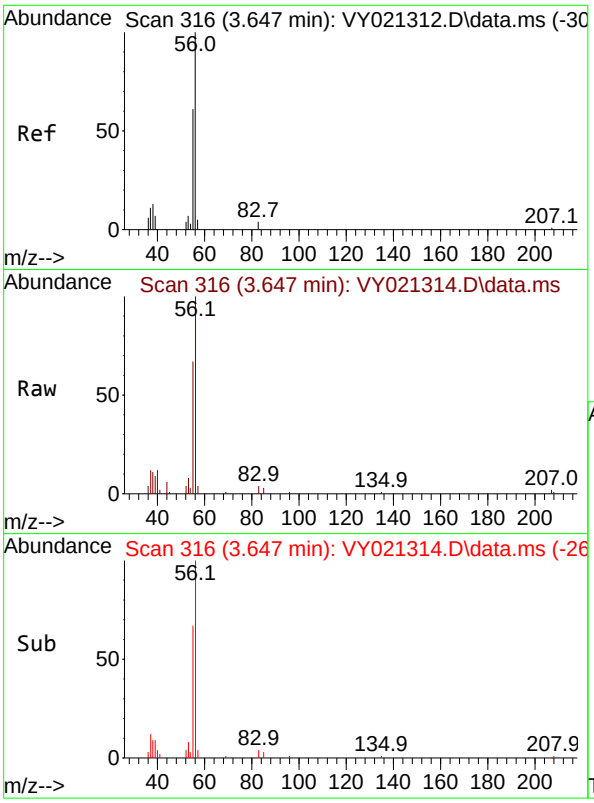


#12
1,1-Dichloroethene
Concen: 154.445 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 96 Resp: 280431

Ion	Ratio	Lower	Upper
96	100		
61	172.2	139.7	209.5
98	64.3	49.7	74.5



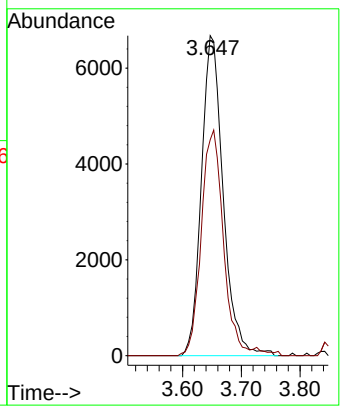


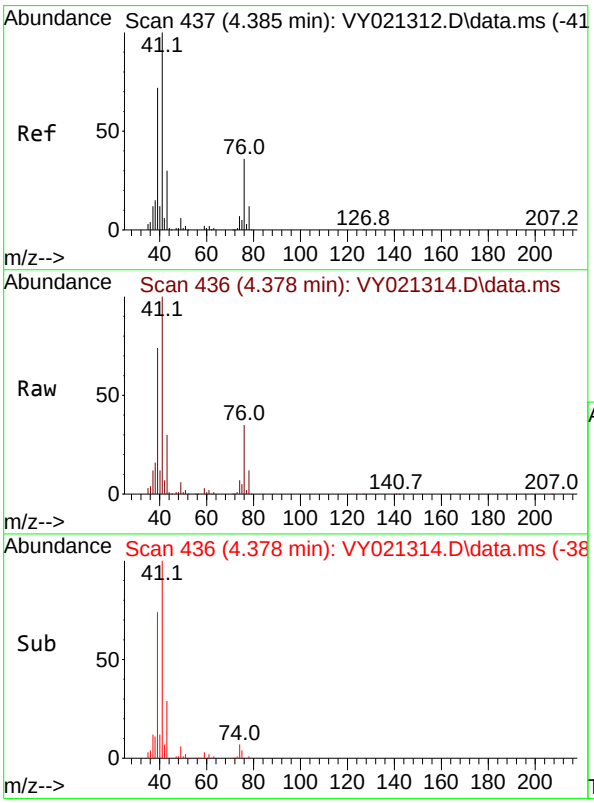
#13
Acrolein
Concen: 142.652 ug/l
RT: 3.647 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 17213

Ion	Ratio	Lower	Upper
56	100		
55	70.8	59.0	88.6

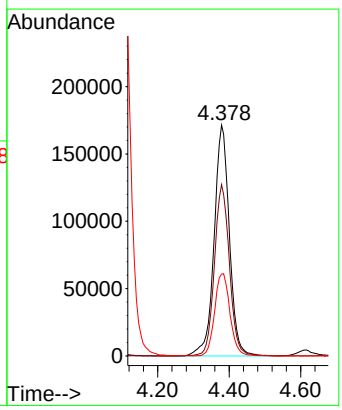


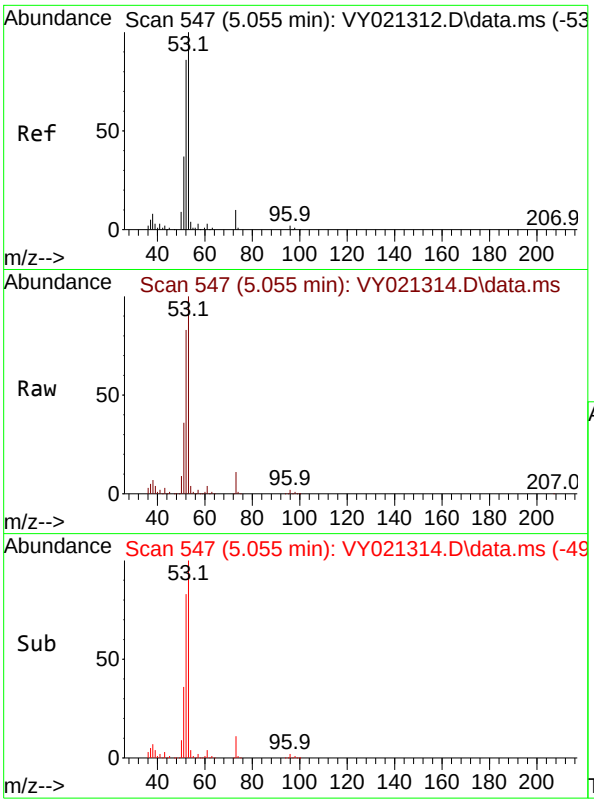


#14
Allyl chloride
Concen: 157.755 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 41 Resp: 507854

Ion	Ratio	Lower	Upper
41	100		
39	73.1	60.0	90.0
76	35.8	29.0	43.6



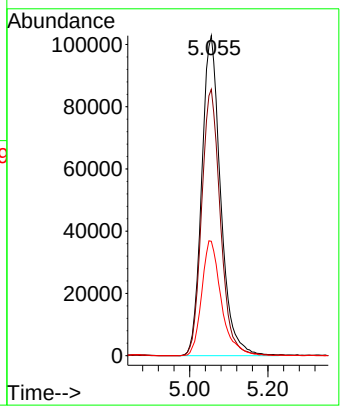


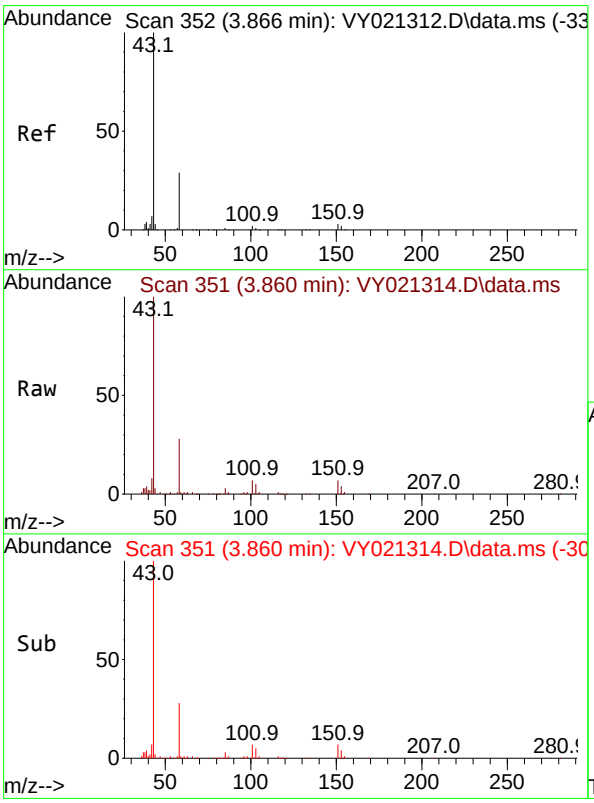
#15
Acrylonitrile
Concen: 793.713 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 53 Resp: 344988

Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.5	98.3
51	37.2	30.6	46.0

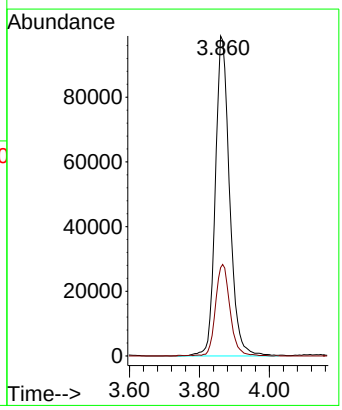


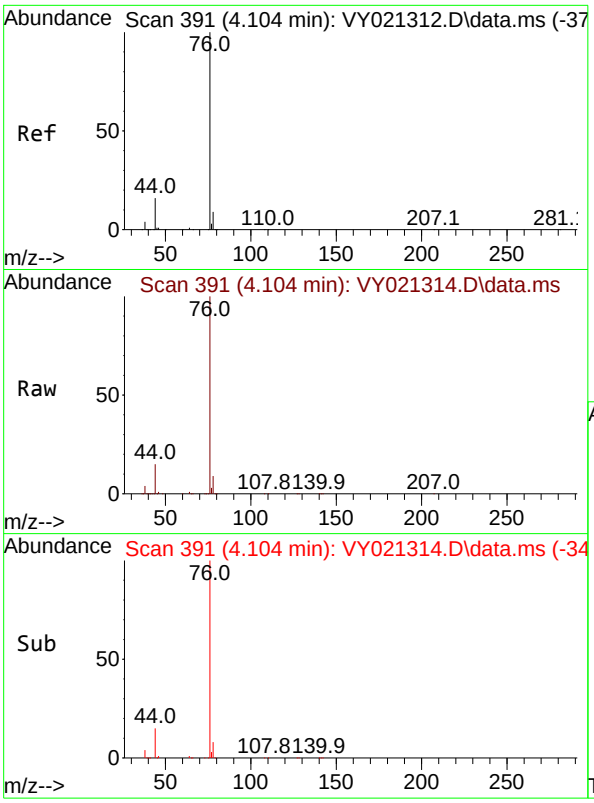


#16
Acetone
Concen: 713.470 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 43 Resp: 280172

Ion	Ratio	Lower	Upper
43	100		
58	27.5	23.5	35.3



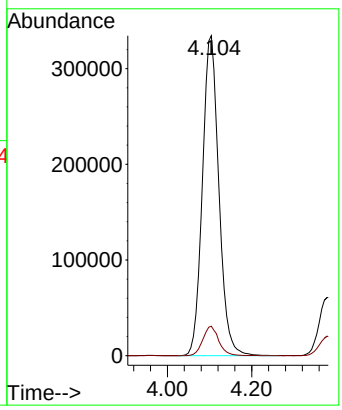


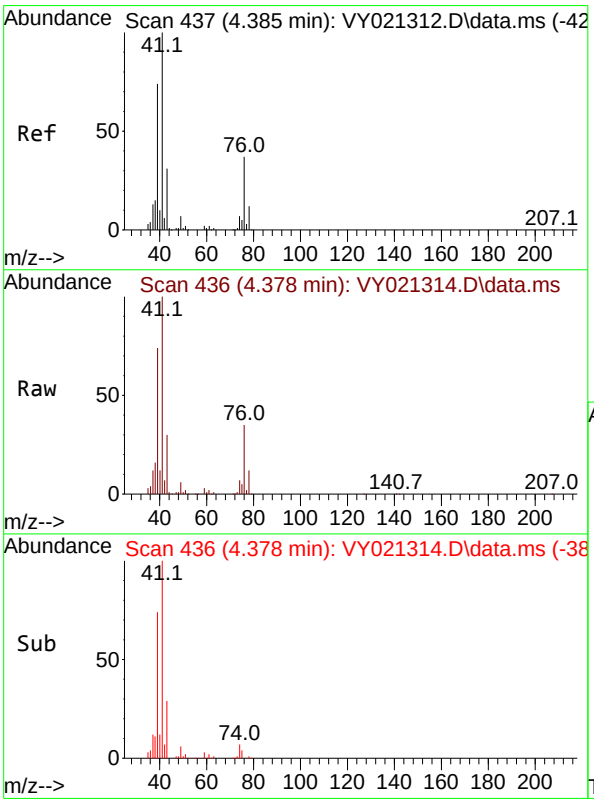
#17
Carbon Disulfide
Concen: 150.676 ug/l
RT: 4.104 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 908476

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.1	10.7

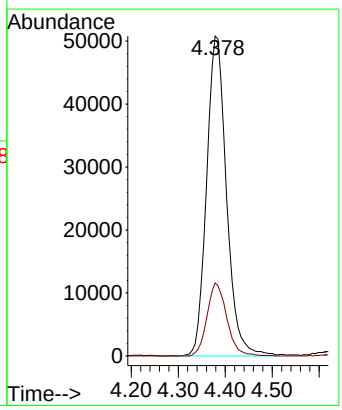


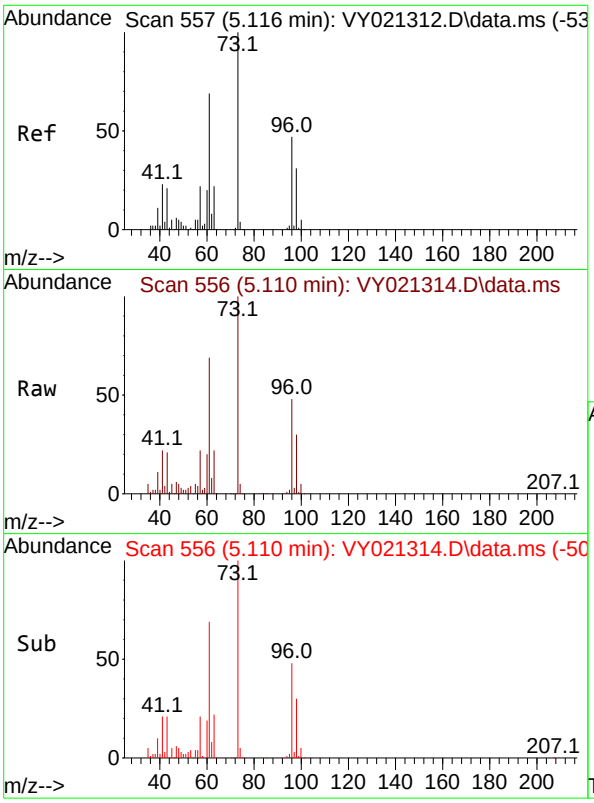


#18
Methyl Acetate
Concen: 155.496 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 43 Resp: 149226

Ion	Ratio	Lower	Upper
43	100		
74	22.6	17.7	26.5



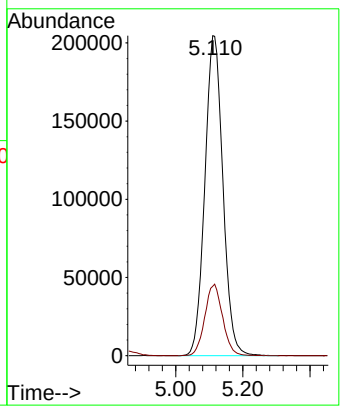


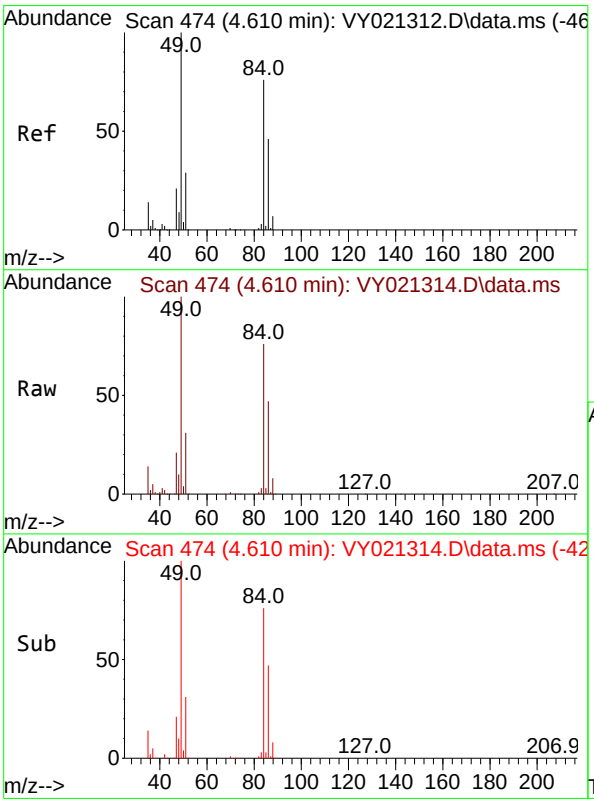
#19
Methyl tert-butyl Ether
Concen: 159.172 ug/l
RT: 5.110 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 73 Resp: 763596

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.4	26.0

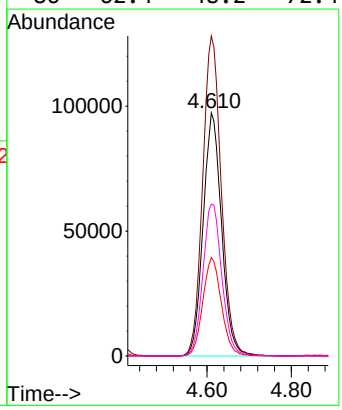


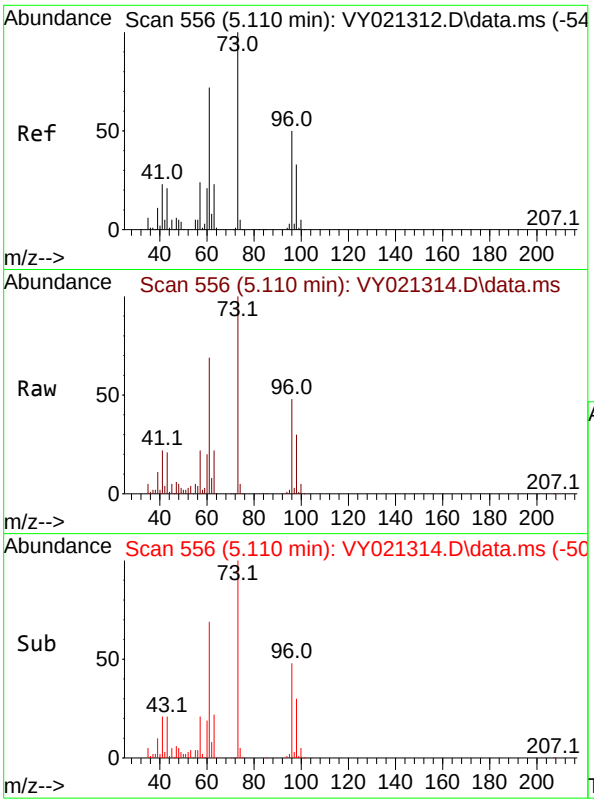


#20
Methylene Chloride
Concen: 139.409 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 84 Resp: 296032

Ion	Ratio	Lower	Upper
84	100		
49	131.6	105.1	157.7
51	40.5	31.0	46.4
86	62.4	48.2	72.4



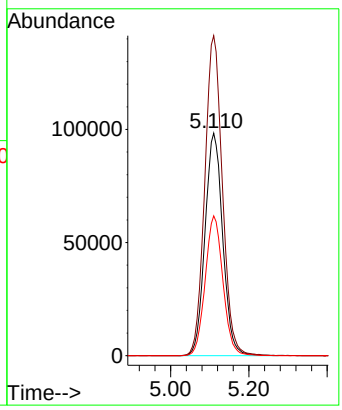


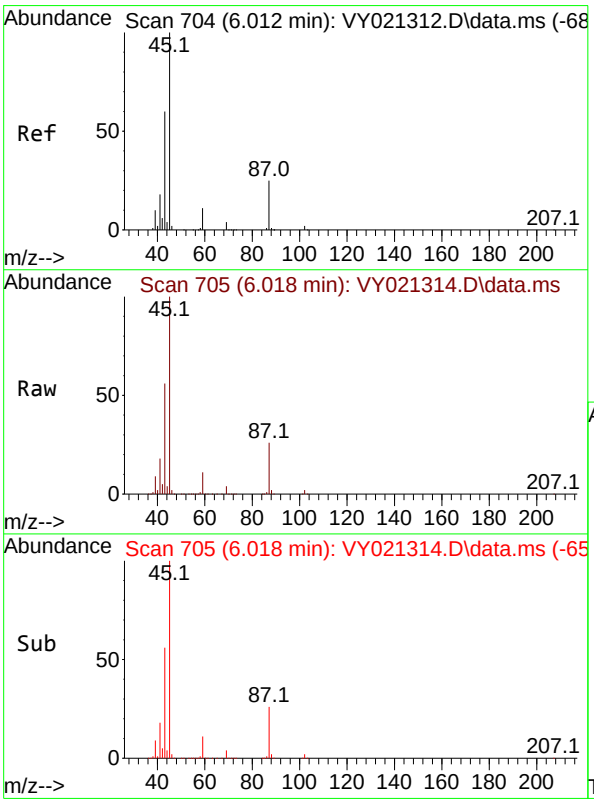
#21
trans-1,2-Dichloroethene
Concen: 154.401 ug/l
RT: 5.110 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 308627

Ion	Ratio	Lower	Upper
96	100		
61	143.8	116.3	174.5
98	62.8	52.6	78.8

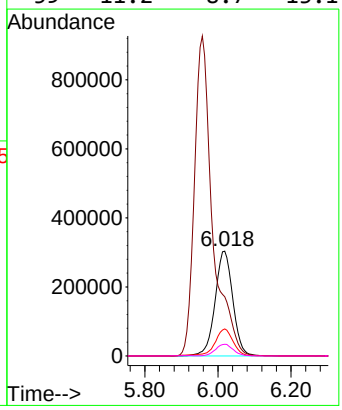


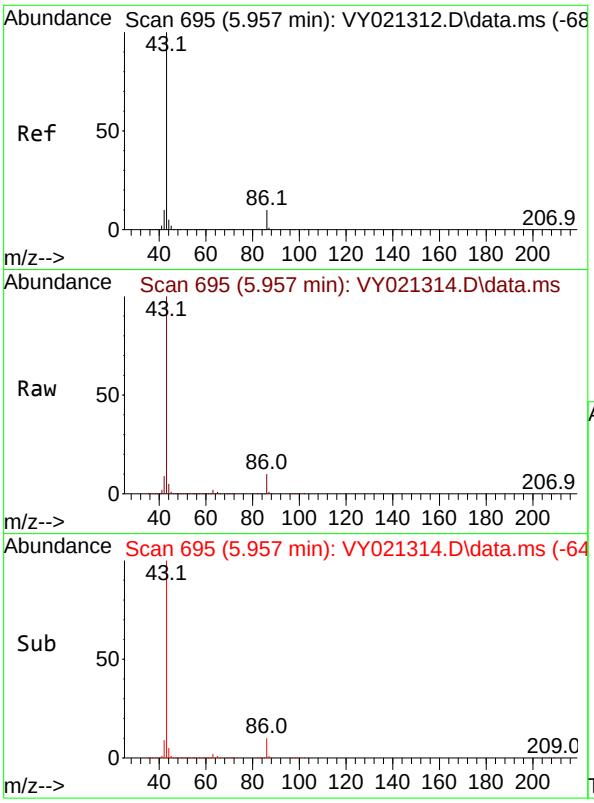


#22
Diisopropyl ether
Concen: 154.433 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 45 Resp: 1028788

Ion	Ratio	Lower	Upper
45	100		
43	56.2	48.2	72.4
87	25.8	20.3	30.5
59	11.2	8.7	13.1



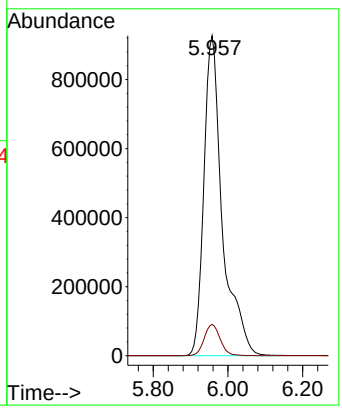


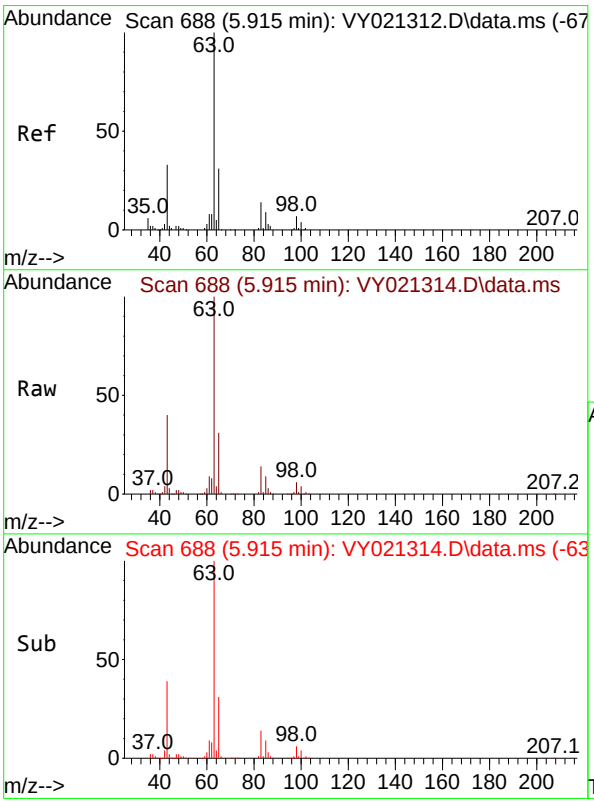
#23
Vinyl Acetate
Concen: 801.685 ug/l
RT: 5.957 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 3191401

Ion	Ratio	Lower	Upper
43	100		
86	9.8	8.0	12.0

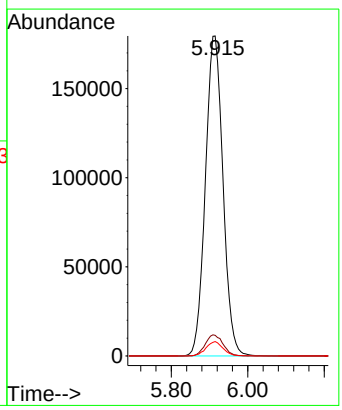


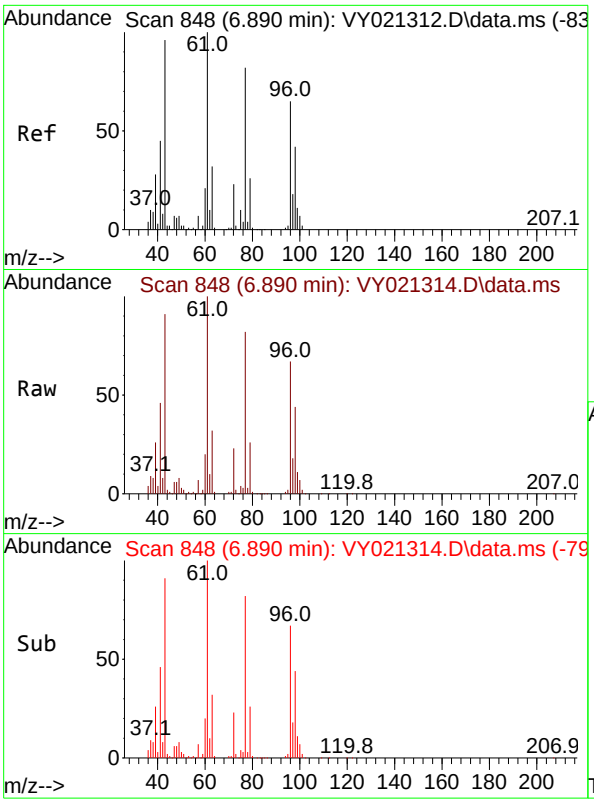


#24
1,1-Dichloroethane
Concen: 152.564 ug/l
RT: 5.915 min Scan# 688
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 63 Resp: 572832

Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.7	11.1
100	4.5	2.1	6.5



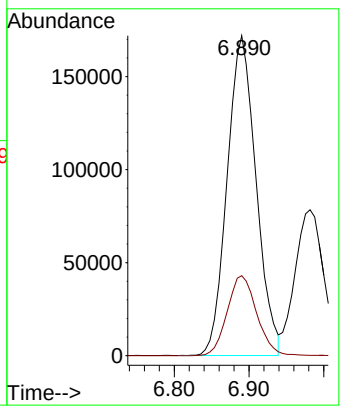


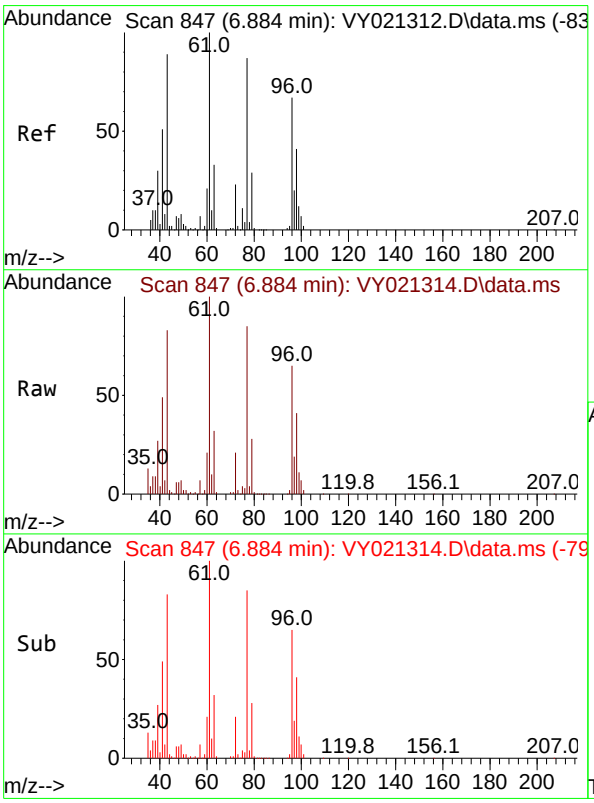
#25
2-Butanone
Concen: 780.449 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 462541

Ion	Ratio	Lower	Upper
43	100		
72	25.0	19.0	28.6

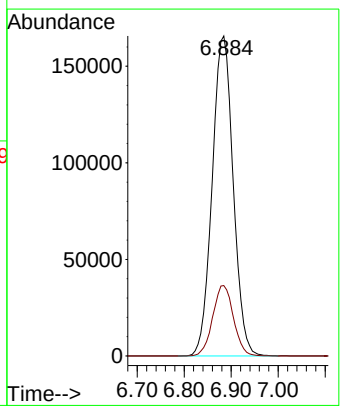


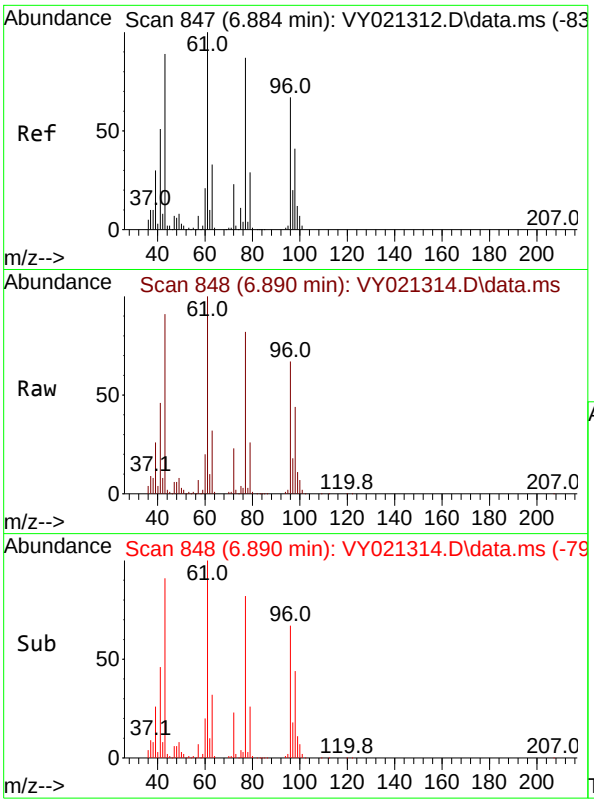


#26
2,2-Dichloropropane
Concen: 151.214 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 77 Resp: 515178

Ion	Ratio	Lower	Upper
77	100		
97	21.8	10.9	32.7



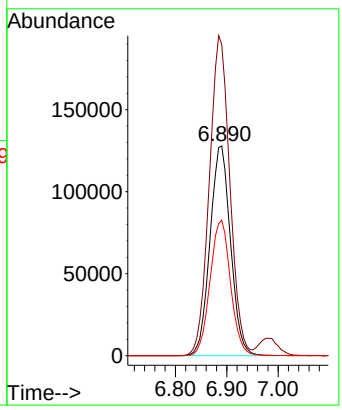


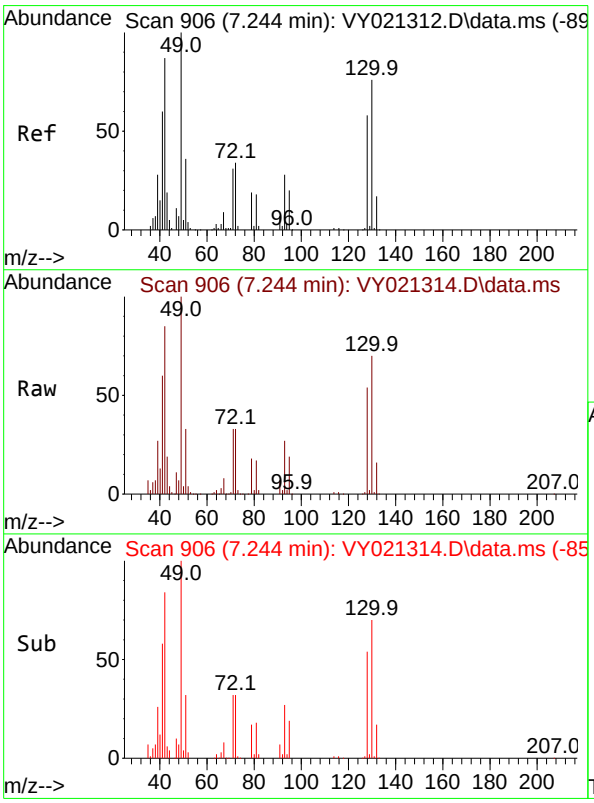
#27
cis-1,2-Dichloroethene
Concen: 155.519 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 354979

Ion	Ratio	Lower	Upper
96	100		
61	152.6	0.0	308.0
98	64.4	0.0	129.6

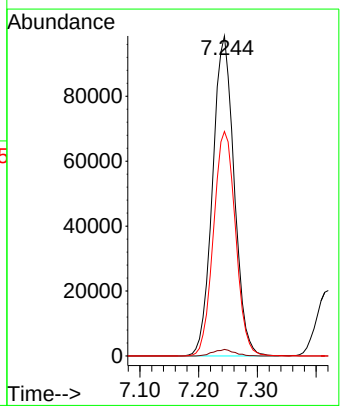


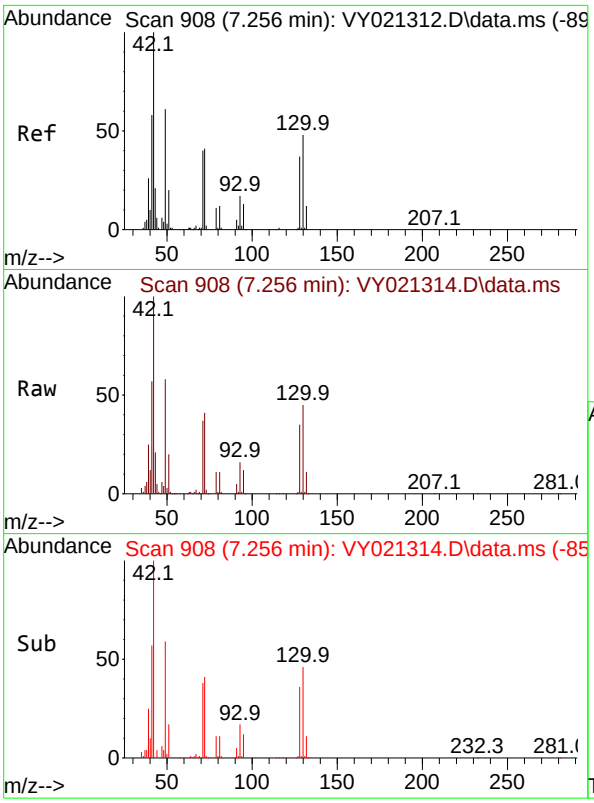


#28
Bromochloromethane
Concen: 151.227 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 49 Resp: 251245

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	71.7	57.8	86.6



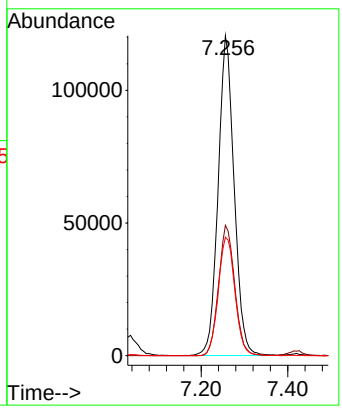


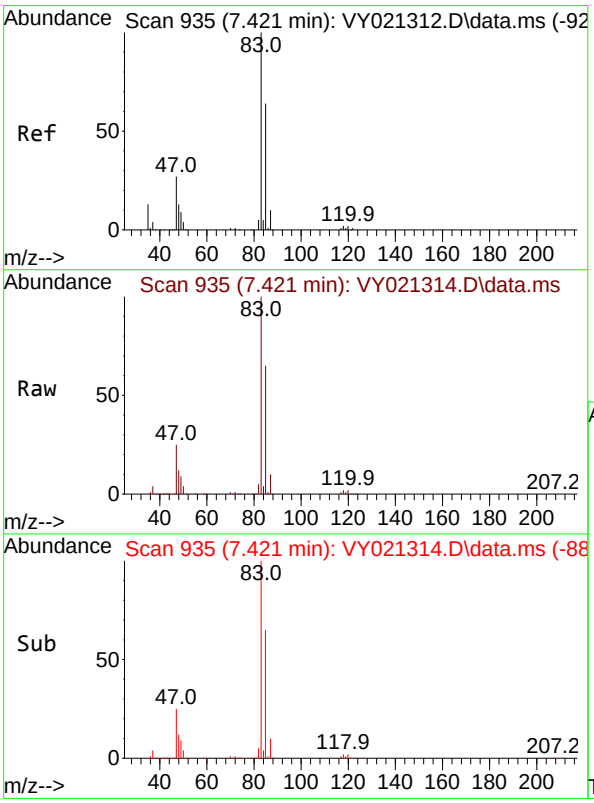
#29
Tetrahydrofuran
Concen: 797.978 ug/l
RT: 7.256 min Scan# 9(
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 42 Resp: 309130

Ion	Ratio	Lower	Upper
42	100		
72	41.2	33.1	49.7
71	38.6	31.4	47.0

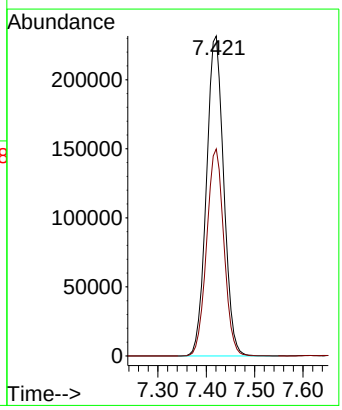


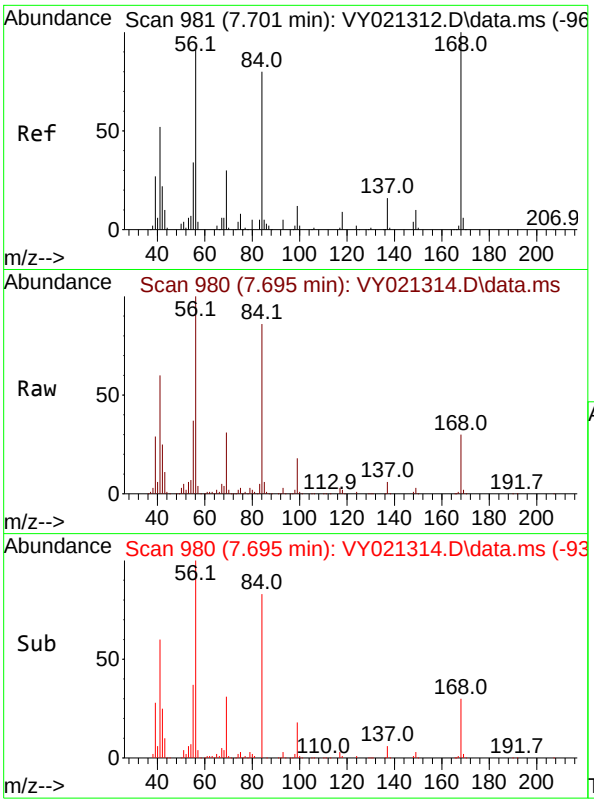


#30
Chloroform
Concen: 151.112 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 83 Resp: 574920

Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.6	77.4



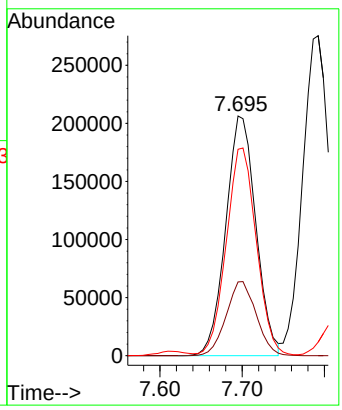


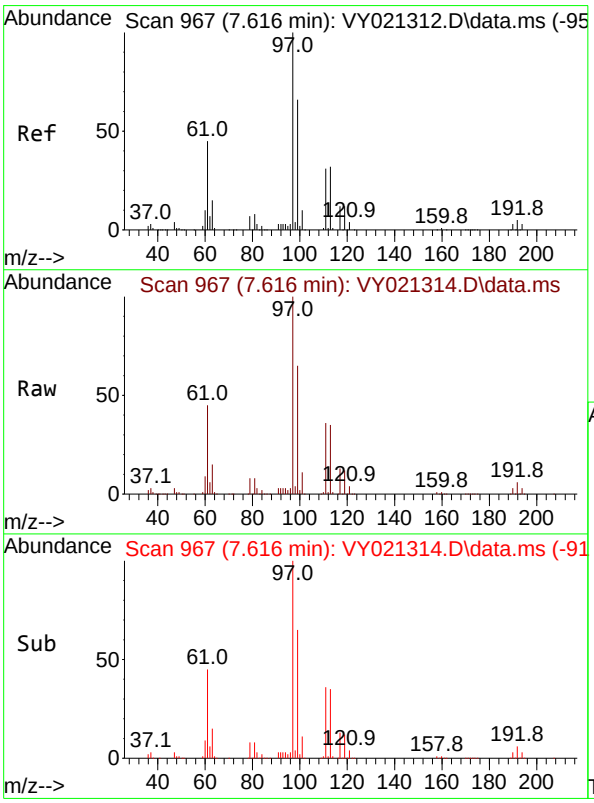
#31
Cyclohexane
Concen: 145.637 ug/l
RT: 7.695 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 525636

Ion	Ratio	Lower	Upper
56	100		
69	30.8	26.2	39.4
84	84.4	70.2	105.4

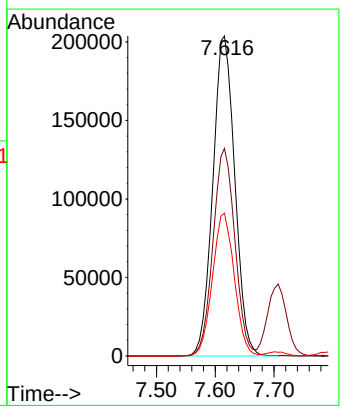


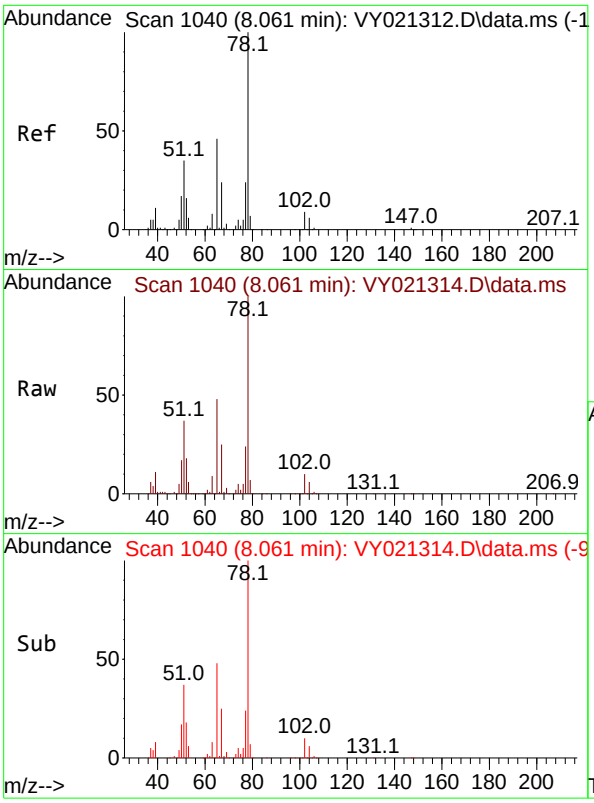


#32
1,1,1-Trichloroethane
Concen: 152.986 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 97 Resp: 529792

Ion	Ratio	Lower	Upper
97	100		
99	64.7	52.4	78.6
61	44.4	36.2	54.2



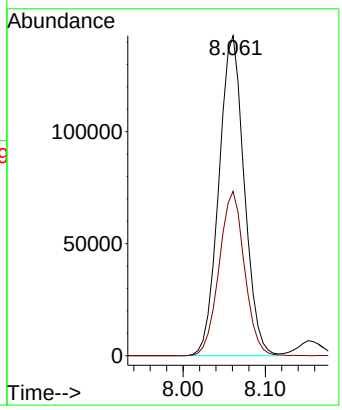


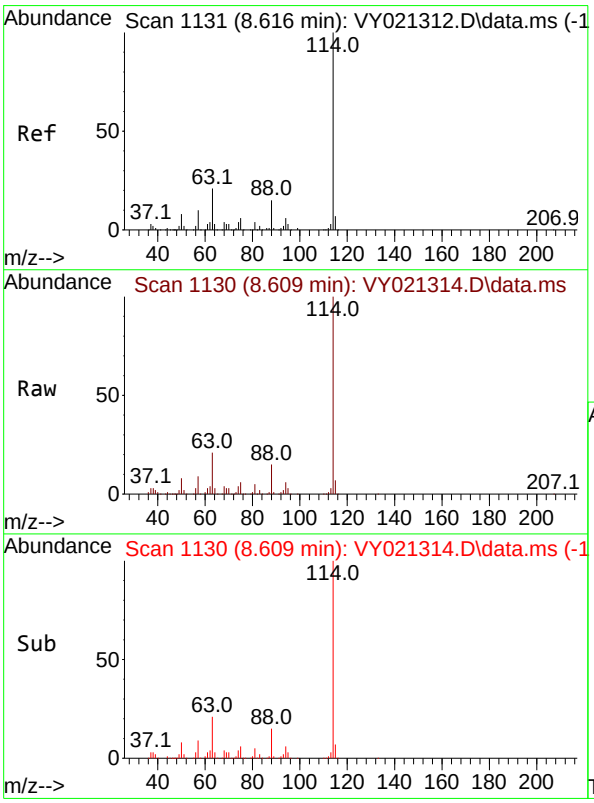
#33
1,2-Dichloroethane-d4
Concen: 149.582 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 65 Resp: 306215

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	103.6

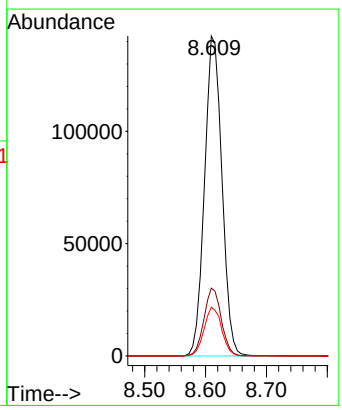


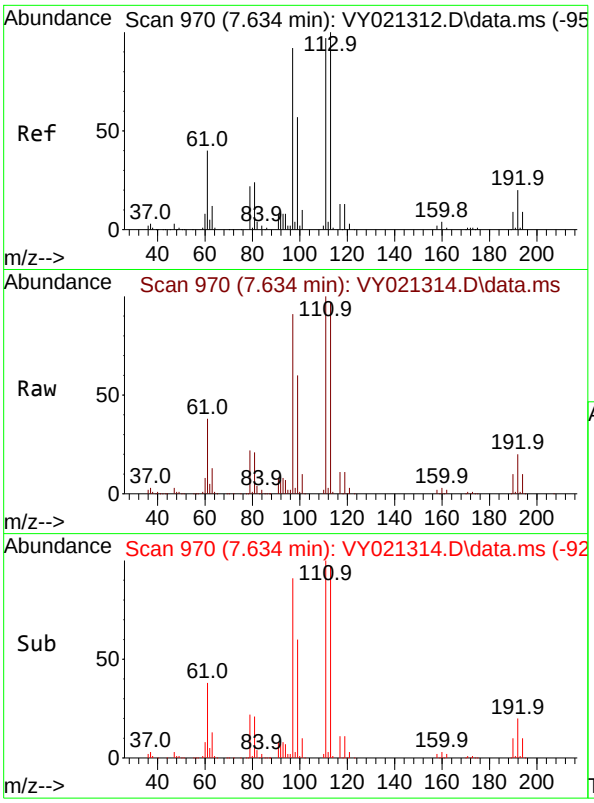


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:114 Resp: 283003

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	42.2
88	15.3	0.0	29.8



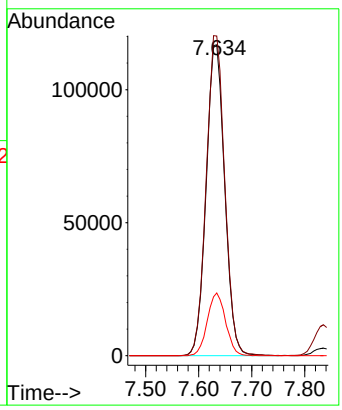


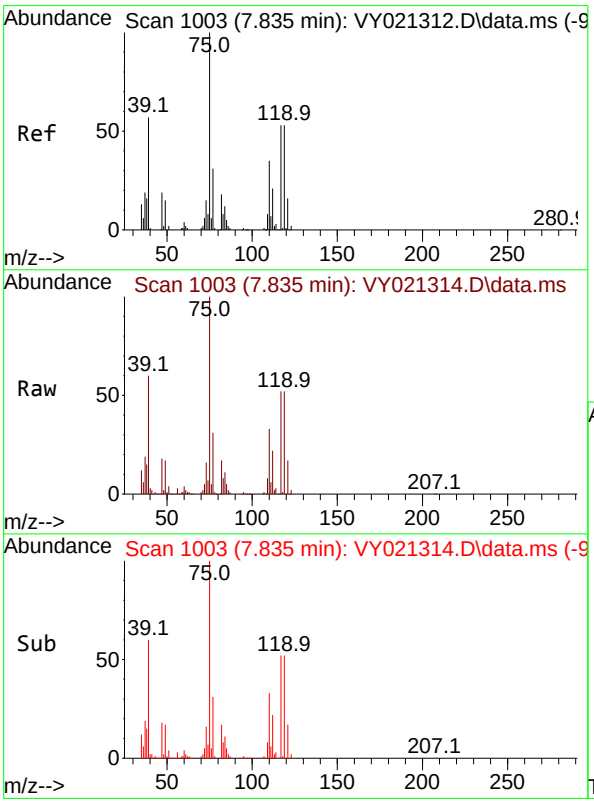
#35
Dibromofluoromethane
Concen: 152.818 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:113 Resp: 283537

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.0	121.6
192	19.9	15.8	23.8

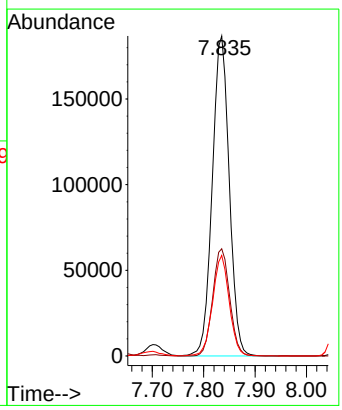


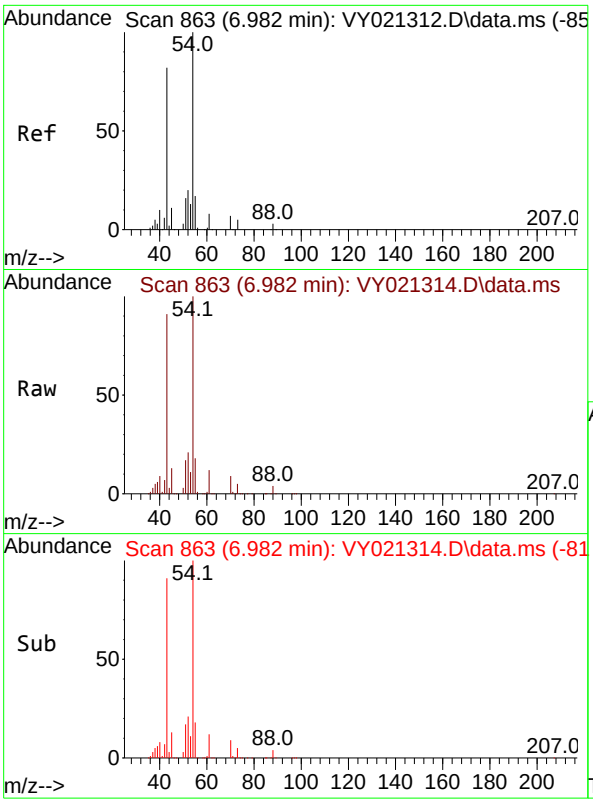


#36
1,1-Dichloropropene
Concen: 153.985 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 75 Resp: 429157

Ion	Ratio	Lower	Upper
75	100		
110	33.5	16.9	50.7
77	30.8	24.6	36.8



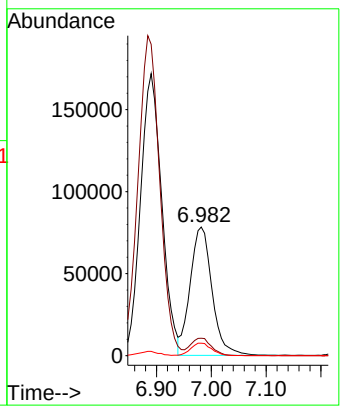


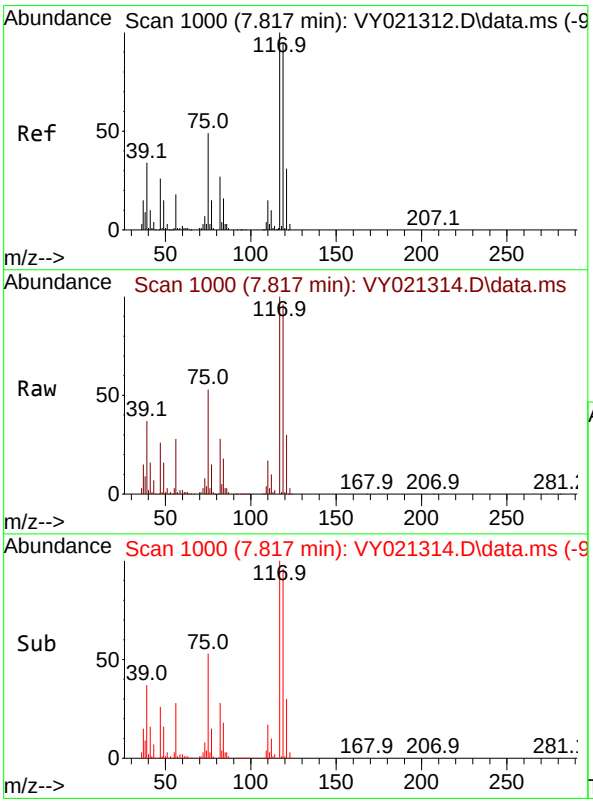
#37
Ethyl Acetate
Concen: 156.470 ug/l
RT: 6.982 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 216920

Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.4	15.6
70	9.4	7.5	11.3

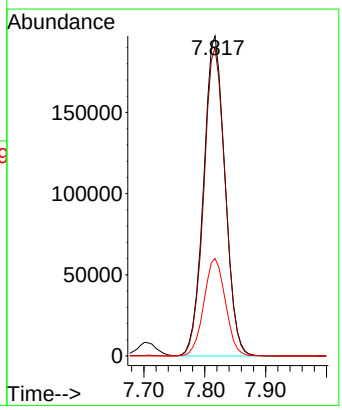


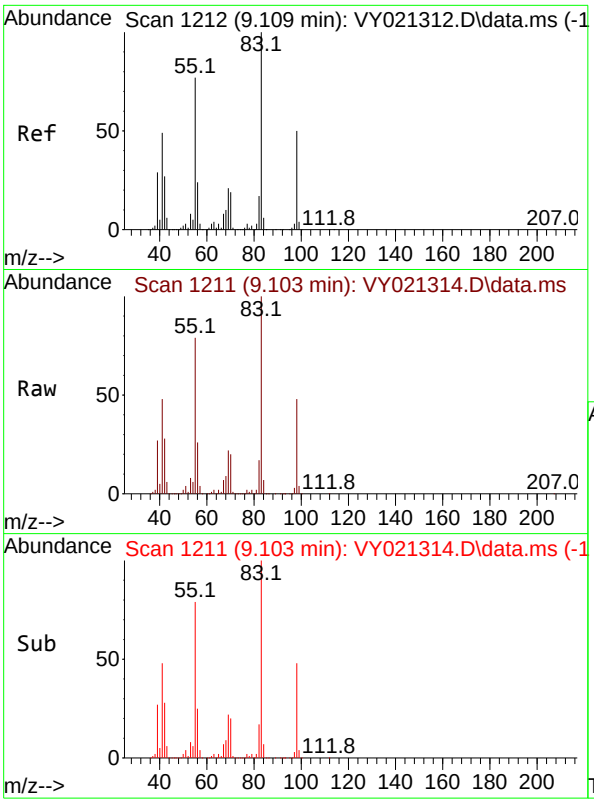


#38
Carbon Tetrachloride
Concen: 153.764 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:117 Resp: 481774

Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.0	114.0
121	30.5	24.9	37.3



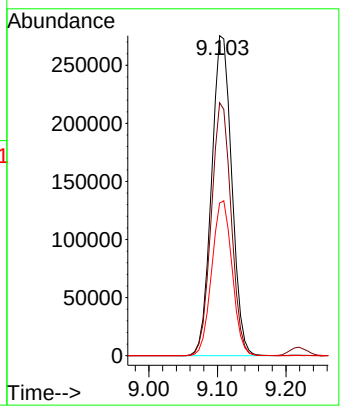


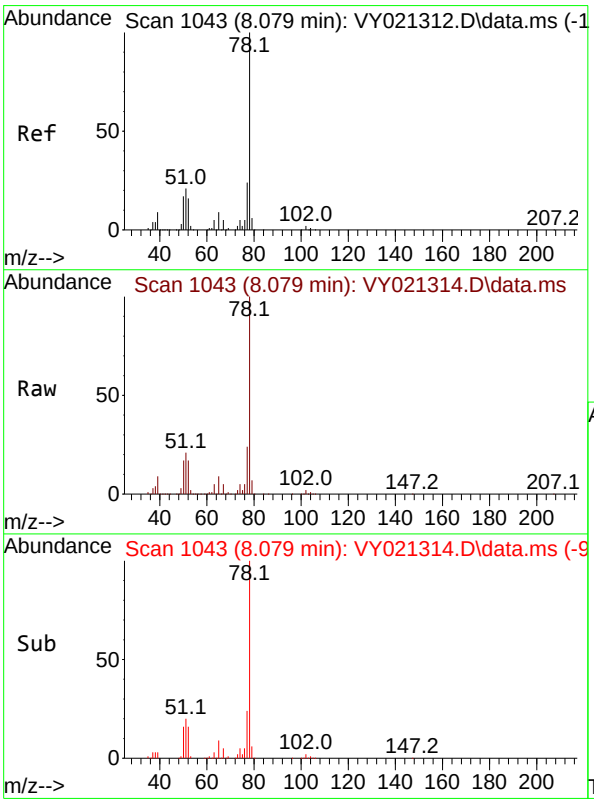
#39
Methylcyclohexane
Concen: 159.752 ug/l
RT: 9.103 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 563132

Ion	Ratio	Lower	Upper
83	100		
55	79.0	61.3	91.9
98	47.7	39.9	59.9

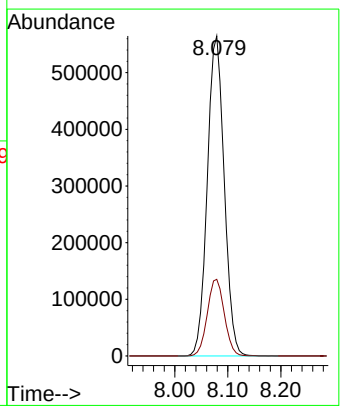


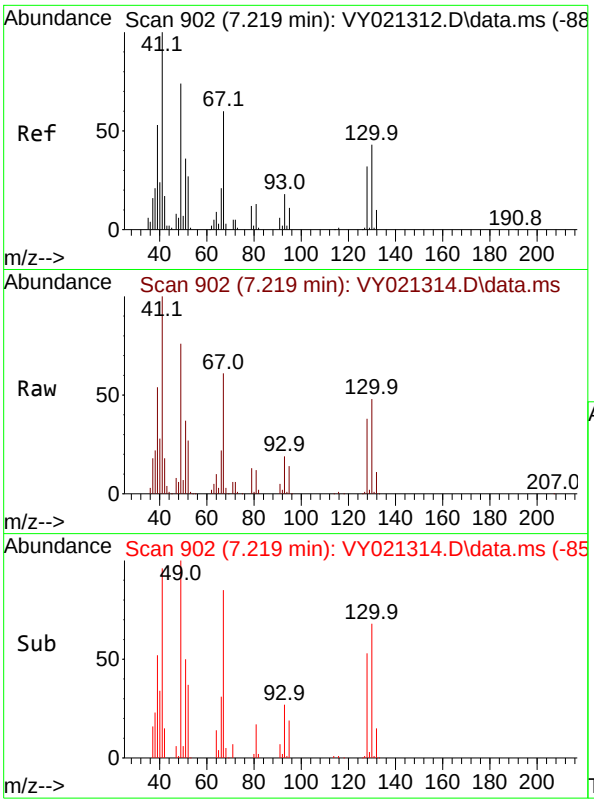


#40
Benzene
Concen: 151.673 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 78 Resp: 1249573

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.2	28.8



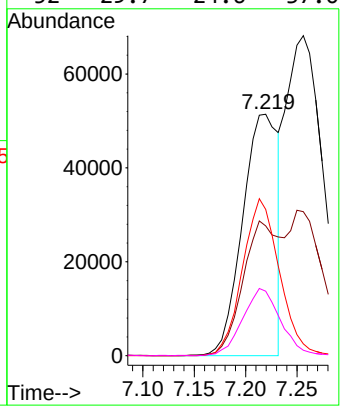


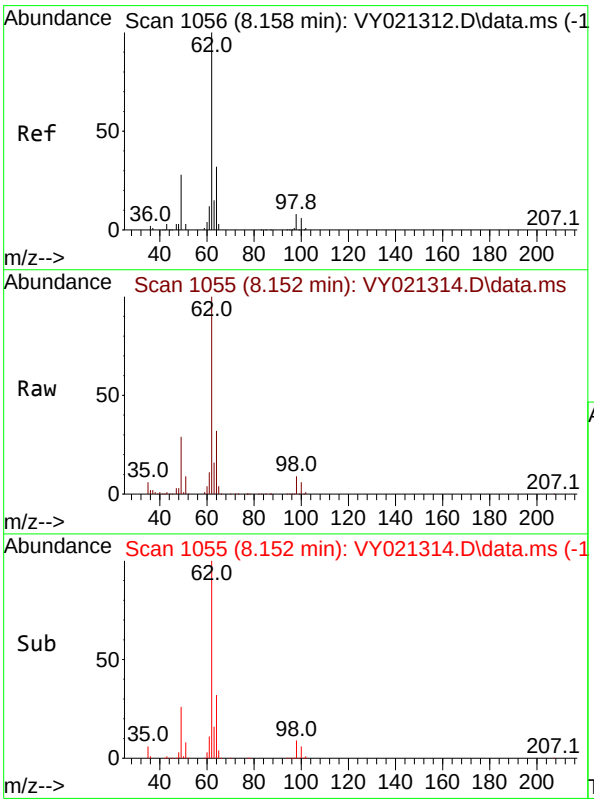
#41
Methacrylonitrile
Concen: 159.542 ug/l
RT: 7.219 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 41 Resp: 123663

Ion	Ratio	Lower	Upper
41	100		
39	61.3	42.3	63.5
67	67.7	54.8	82.2
52	29.7	24.6	37.0

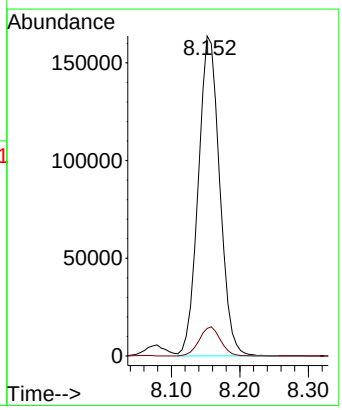


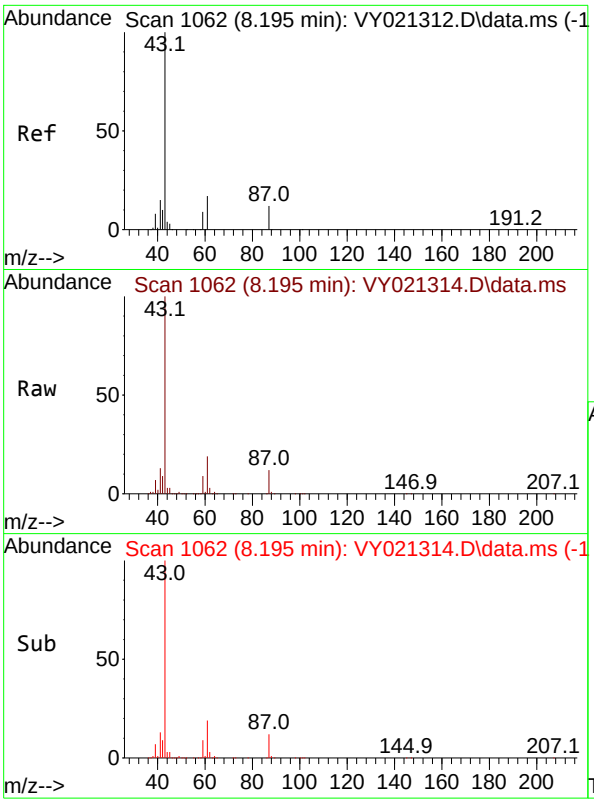


#42
1,2-Dichloroethane
Concen: 152.036 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 62 Resp: 355374

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.6



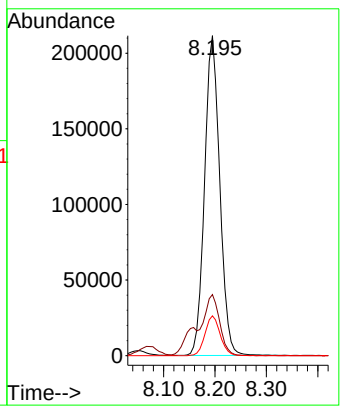


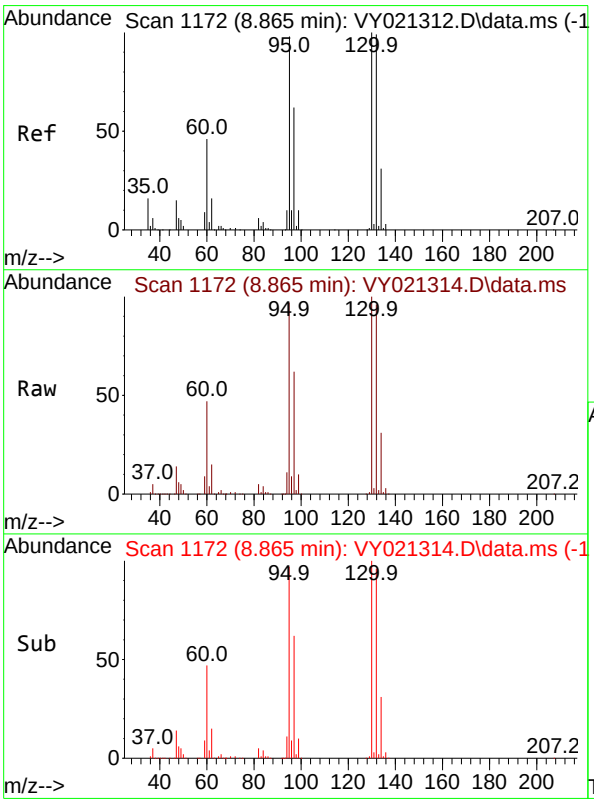
#43
Isopropyl Acetate
Concen: 161.641 ug/l
RT: 8.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 433742

Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.0	22.6
87	12.4	10.0	15.0

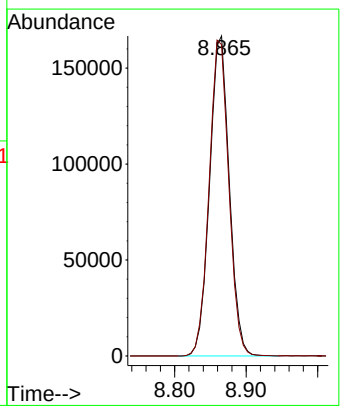


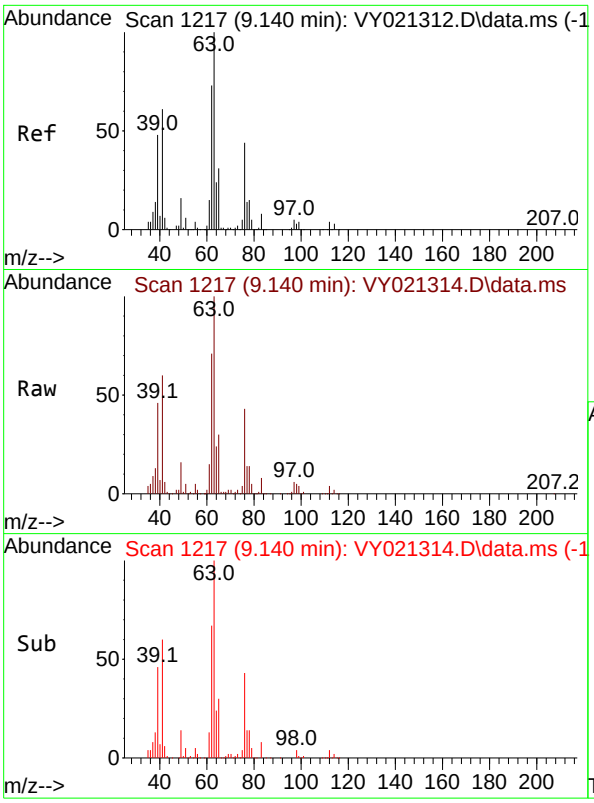


#44
Trichloroethene
Concen: 154.457 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:130 Resp: 318590

Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	196.0



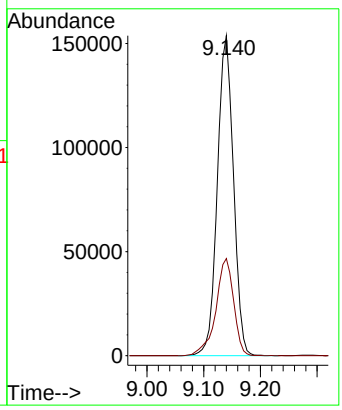


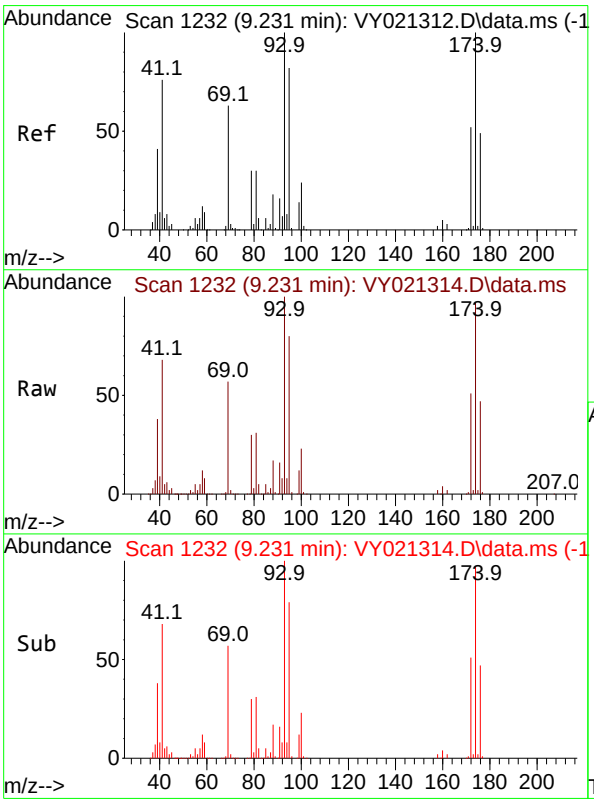
#45
1,2-Dichloropropane
Concen: 152.809 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 302967

Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.6	36.8

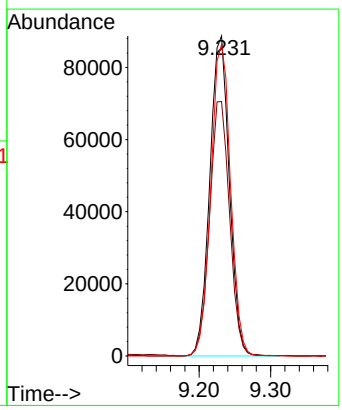


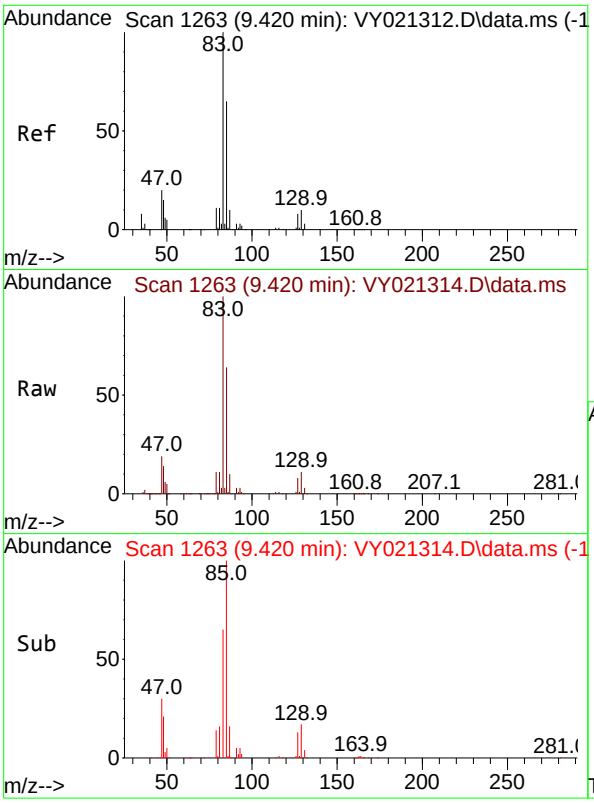


#46
Dibromomethane
Concen: 155.620 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 93 Resp: 168654

Ion	Ratio	Lower	Upper
93	100		
95	81.2	66.4	99.6
174	98.2	78.2	117.2



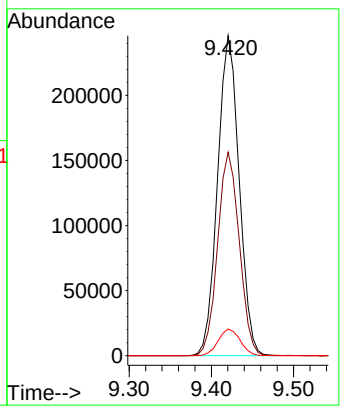


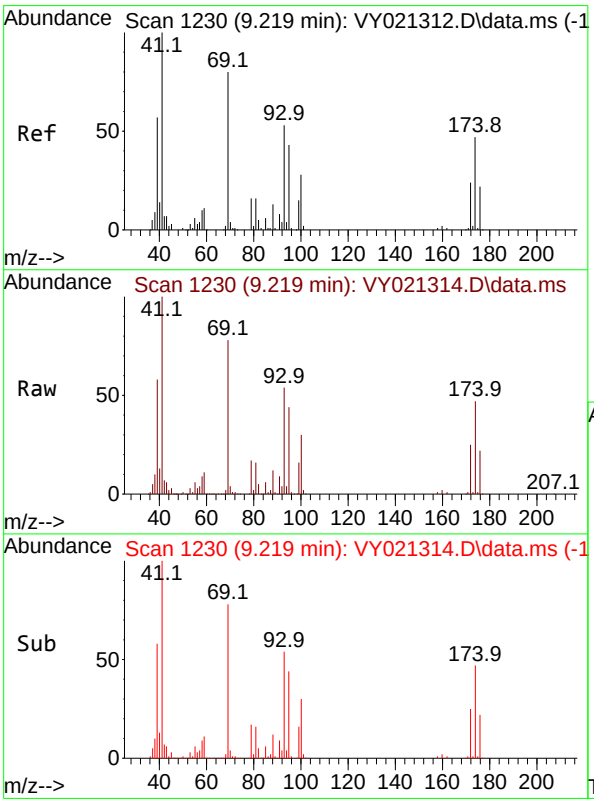
#47
Bromodichloromethane
Concen: 155.172 ug/l
RT: 9.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 448398

Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.8	77.8
127	8.4	6.7	10.1

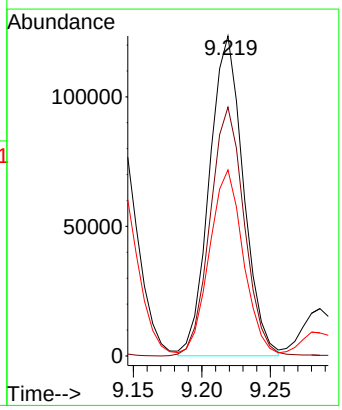


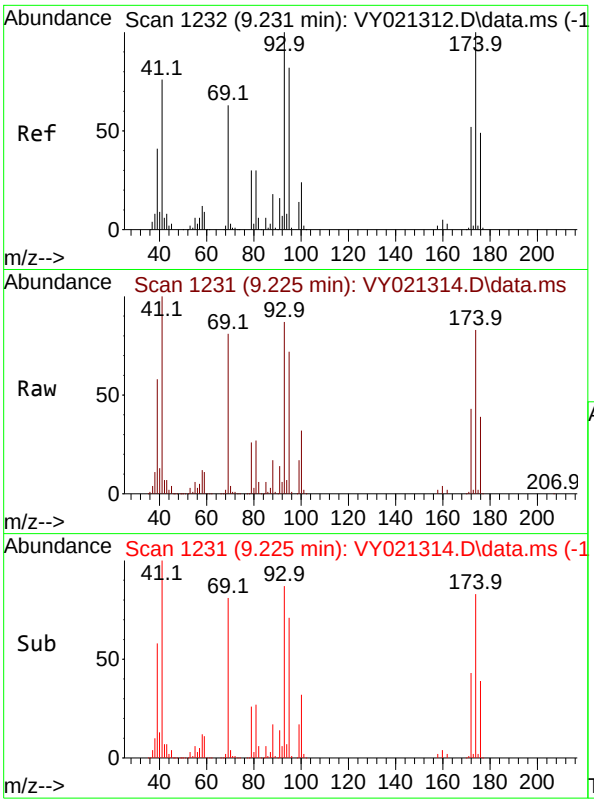


#48
Methyl methacrylate
Concen: 169.923 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 41 Resp: 213222

Ion	Ratio	Lower	Upper
41	100		
69	78.4	63.3	94.9
39	56.2	45.0	67.6



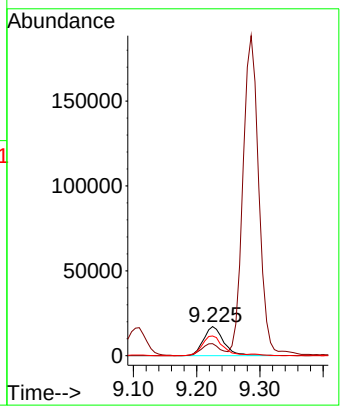


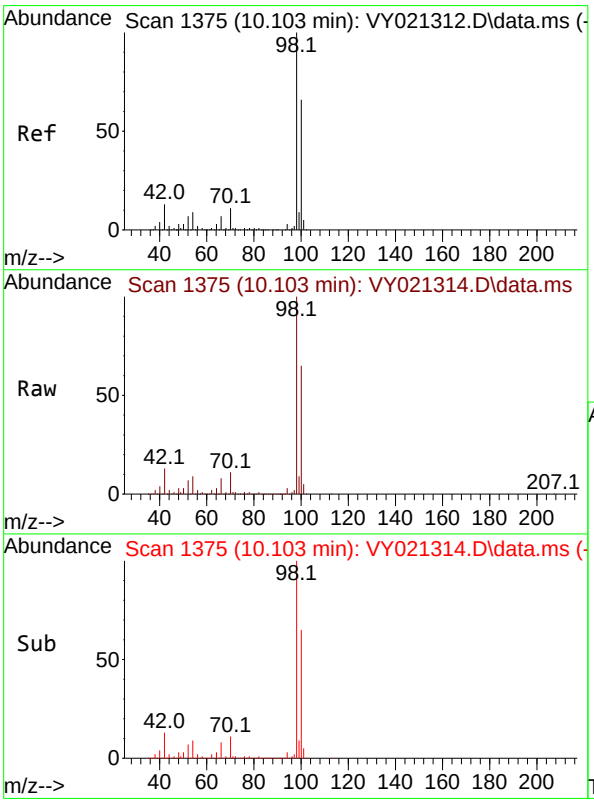
#49
1,4-Dioxane
Concen: 3165.209 ug/l
RT: 9.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 88 Resp: 38142

Ion	Ratio	Lower	Upper
88	100		
43	38.4	34.8	52.2
58	68.6	59.8	89.6

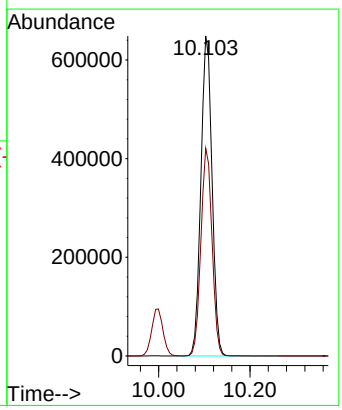


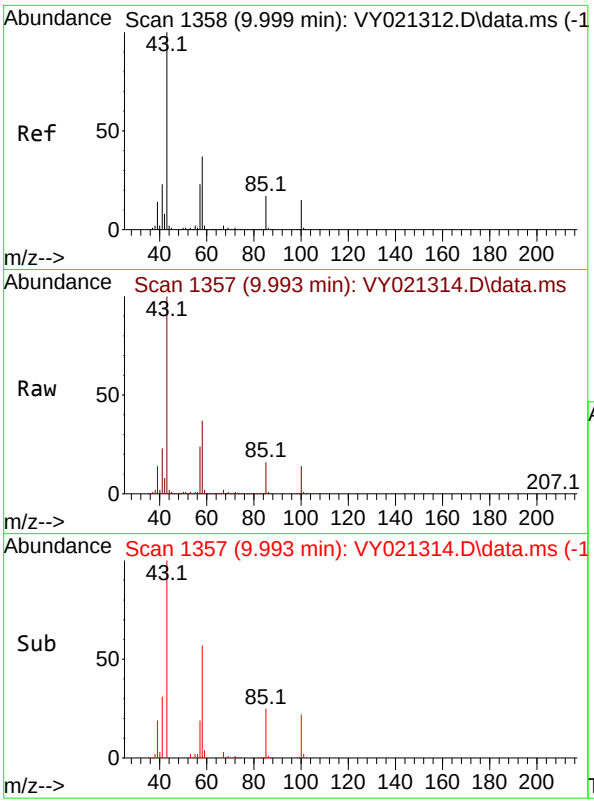


#50
Toluene-d8
Concen: 152.682 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 98 Resp: 1094820

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.4	78.6



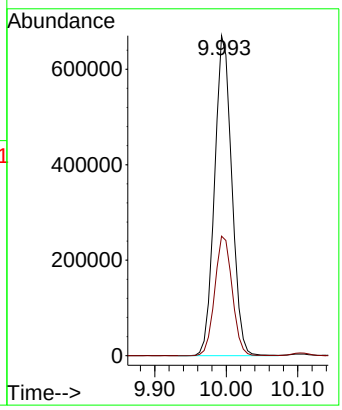


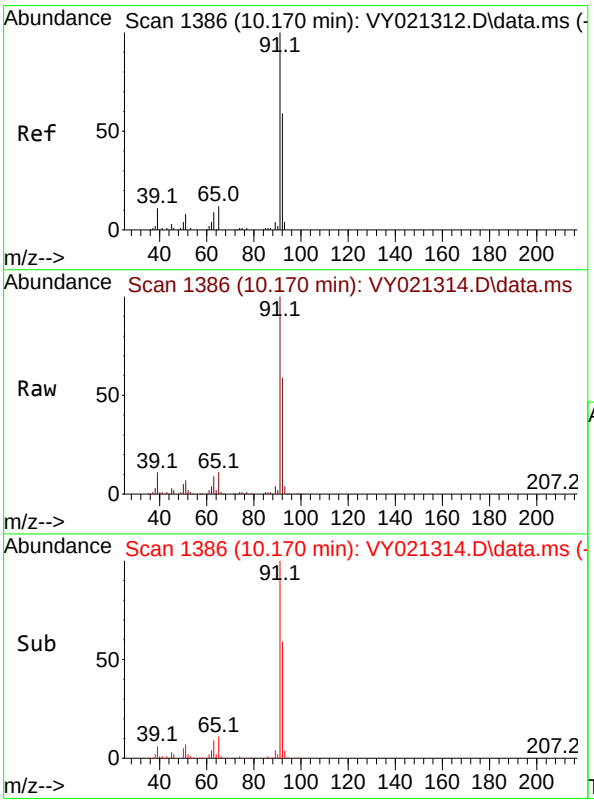
#51
4-Methyl-2-Pentanone
Concen: 816.471 ug/l
RT: 9.993 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1121500

Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.1	45.1

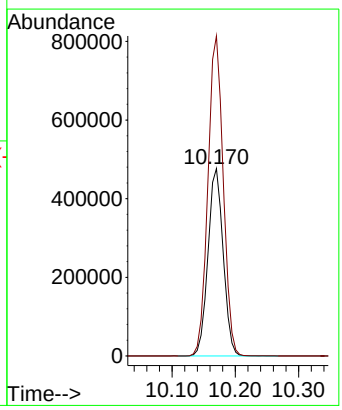


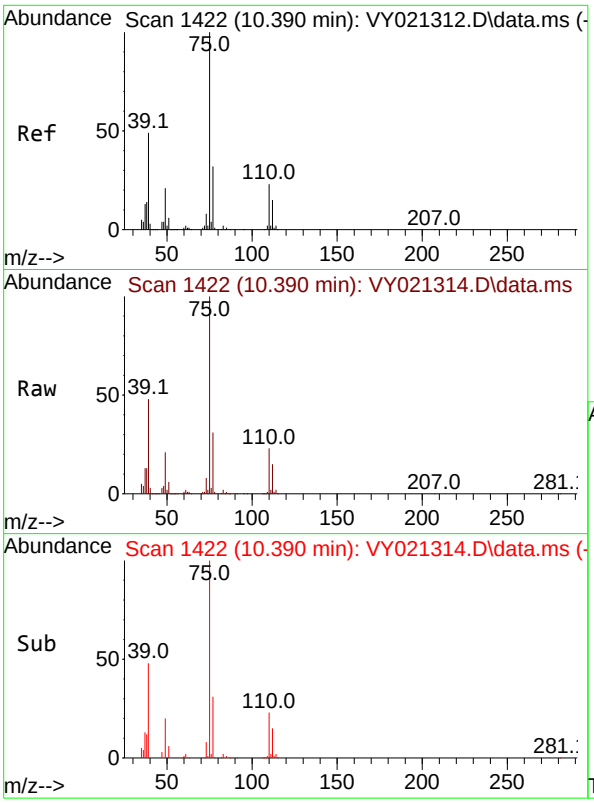


#52
Toluene
Concen: 155.232 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 92 Resp: 794485

Ion	Ratio	Lower	Upper
92	100		
91	172.2	137.8	206.8



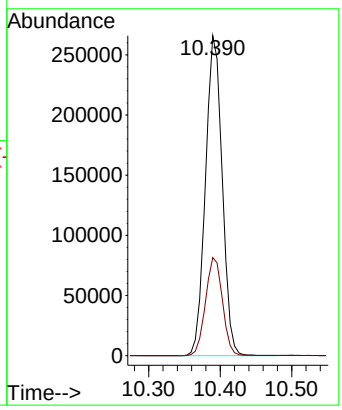


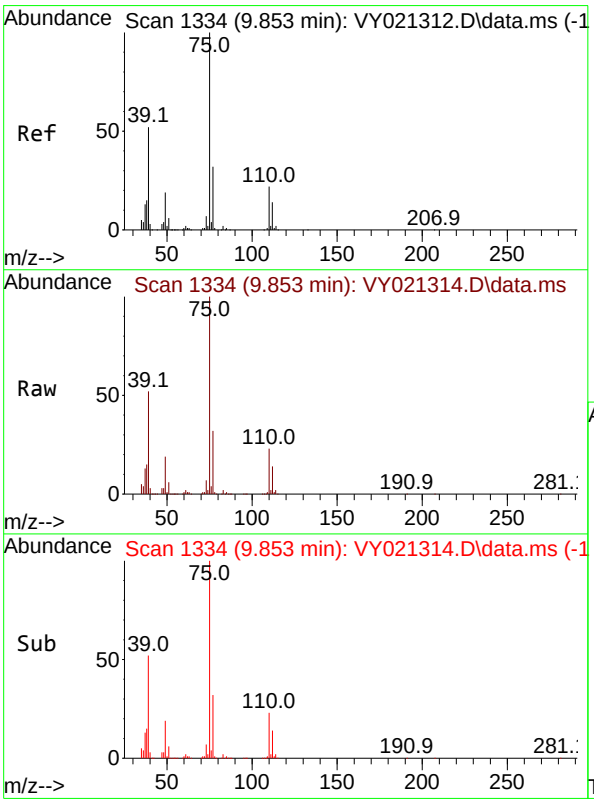
#53
t-1,3-Dichloropropene
Concen: 163.384 ug/l
RT: 10.390 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 432560

Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.3	37.9

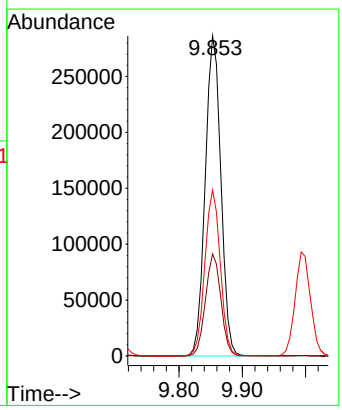


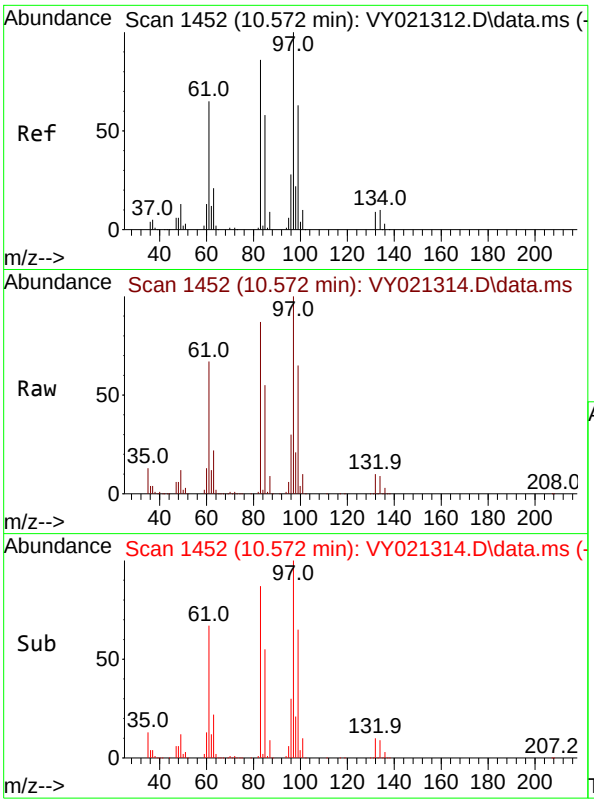


#54
cis-1,3-Dichloropropene
Concen: 157.928 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 75 Resp: 493601

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.7	38.5
39	51.8	41.8	62.6



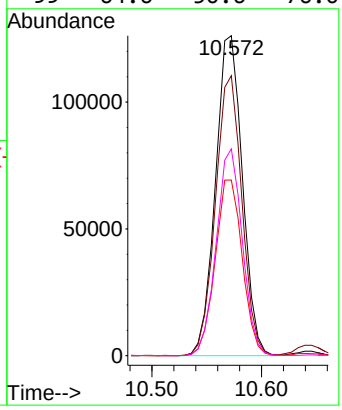


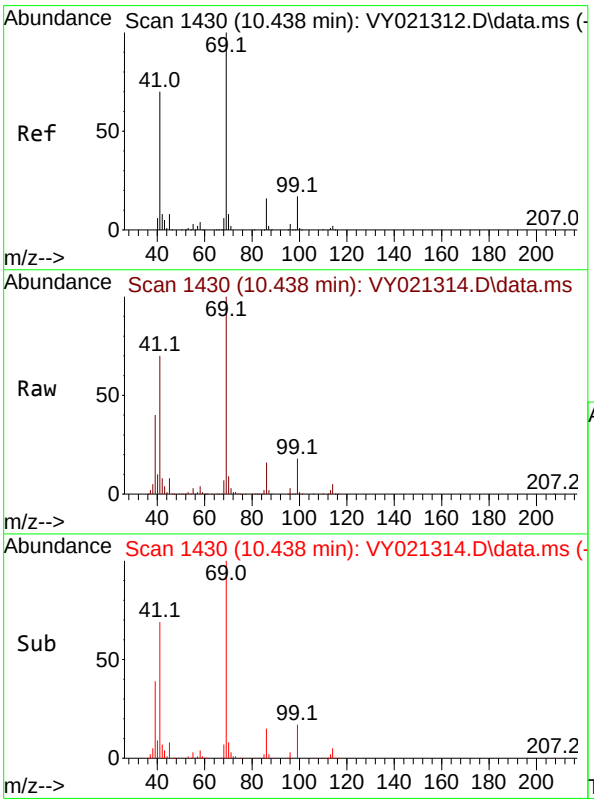
#55
1,1,2-Trichloroethane
Concen: 152.506 ug/l
RT: 10.572 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 97 Resp: 215312

Ion	Ratio	Lower	Upper
97	100		
83	87.5	68.7	103.1
85	54.8	46.3	69.5
99	64.6	50.6	76.0

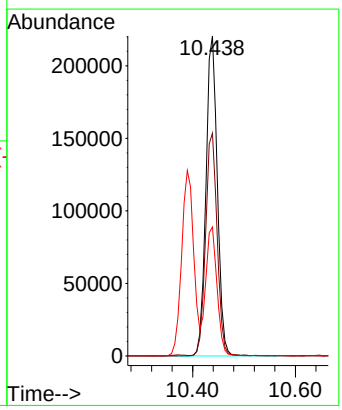


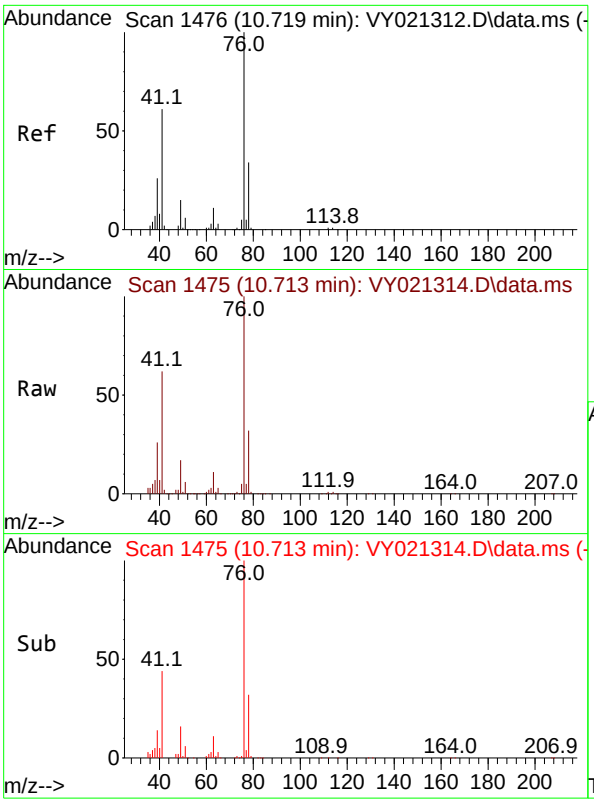


#56
Ethyl methacrylate
Concen: 173.168 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 69 Resp: 337816

Ion	Ratio	Lower	Upper
69	100		
41	70.3	56.2	84.4
39	40.0	32.7	49.1



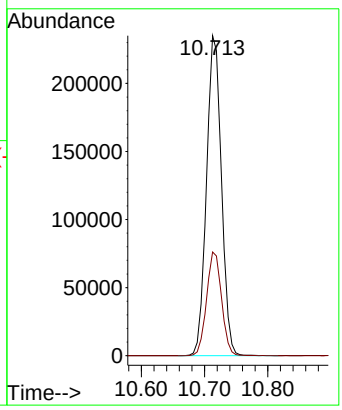


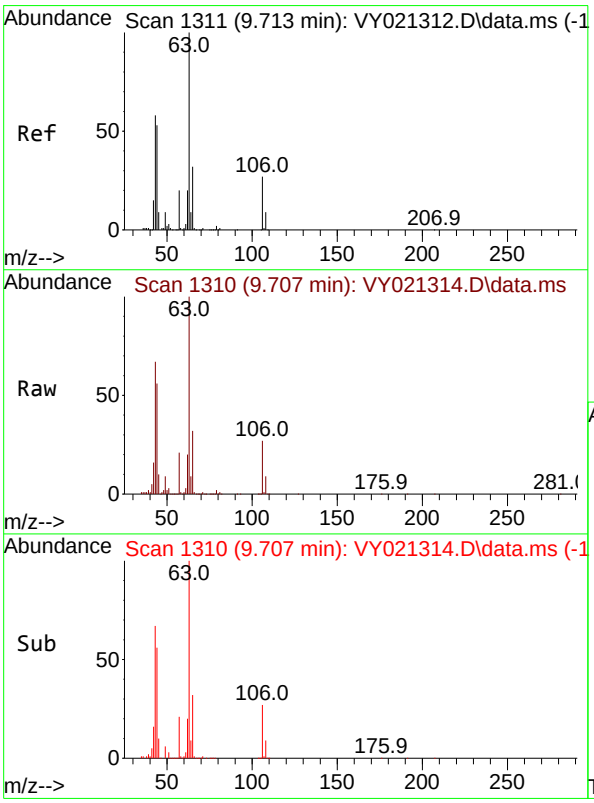
#57
1,3-Dichloropropane
Concen: 155.726 ug/l
RT: 10.713 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 385803

Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.9	38.9

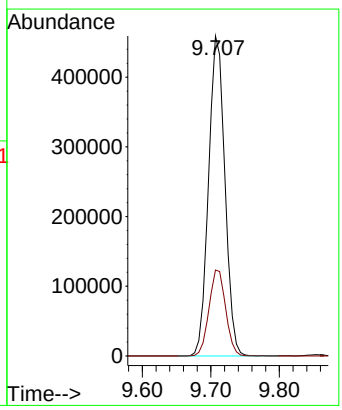


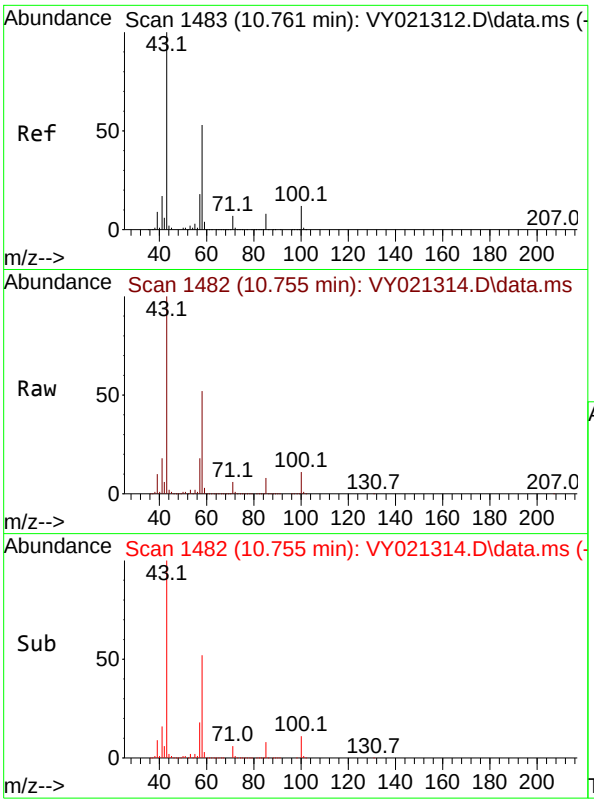


#58
2-Chloroethyl Vinyl ether
Concen: 812.859 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 63 Resp: 761125

Ion	Ratio	Lower	Upper
63	100		
106	27.4	21.7	32.5



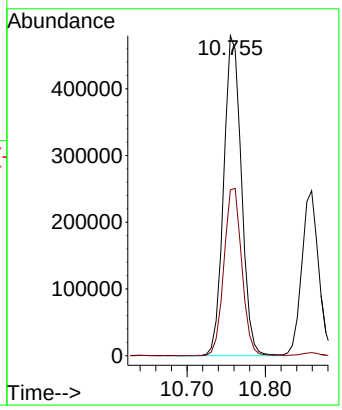


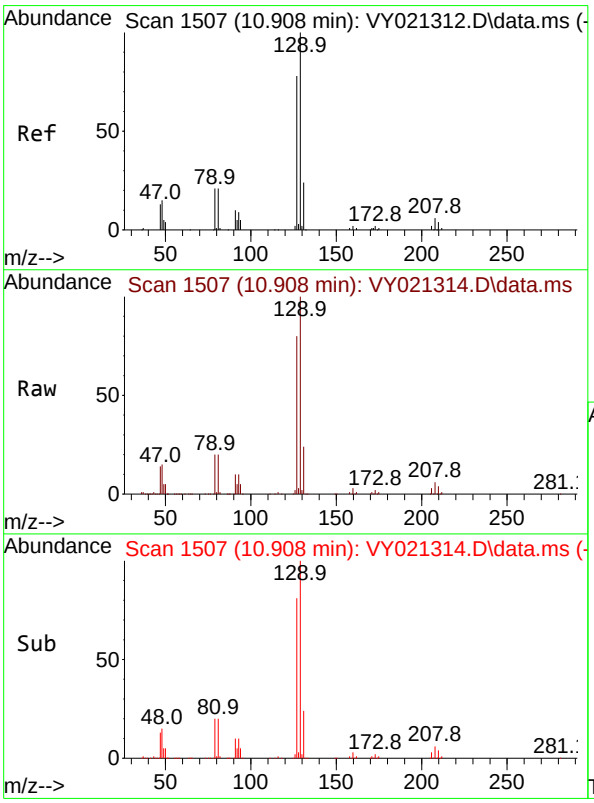
#59
2-Hexanone
Concen: 836.458 ug/l
RT: 10.755 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 754575

Ion	Ratio	Lower	Upper
43	100		
58	52.8	25.9	77.6

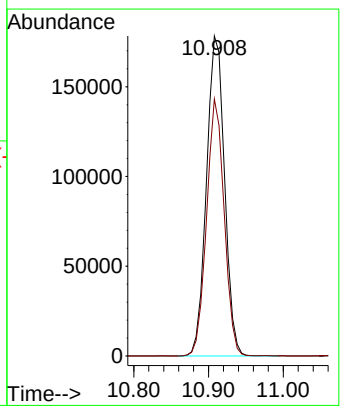


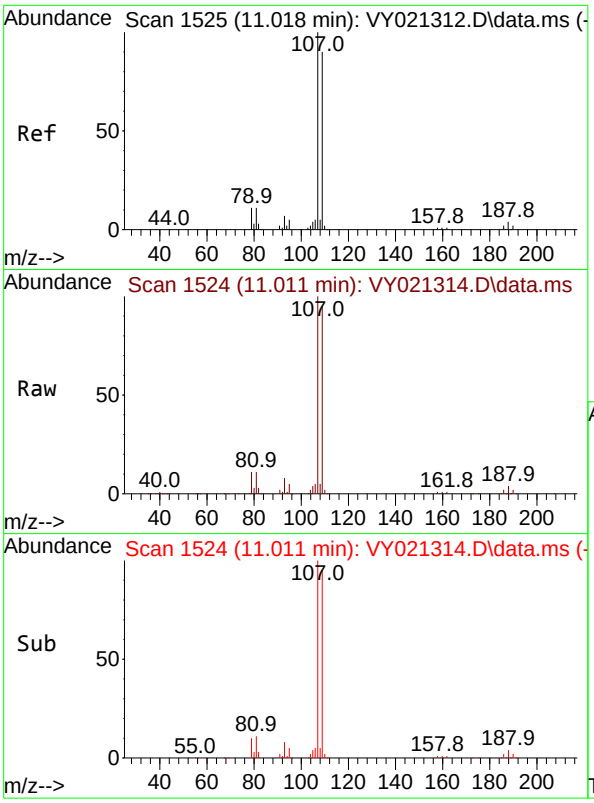


#60
Dibromochloromethane
Concen: 155.598 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:129 Resp: 299188

Ion	Ratio	Lower	Upper
129	100		
127	78.3	38.8	116.4



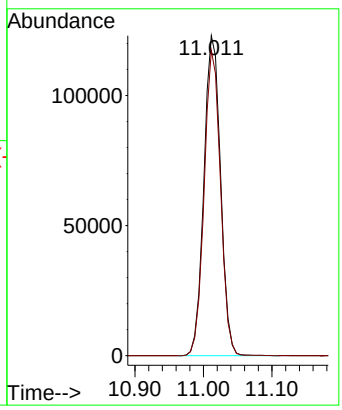


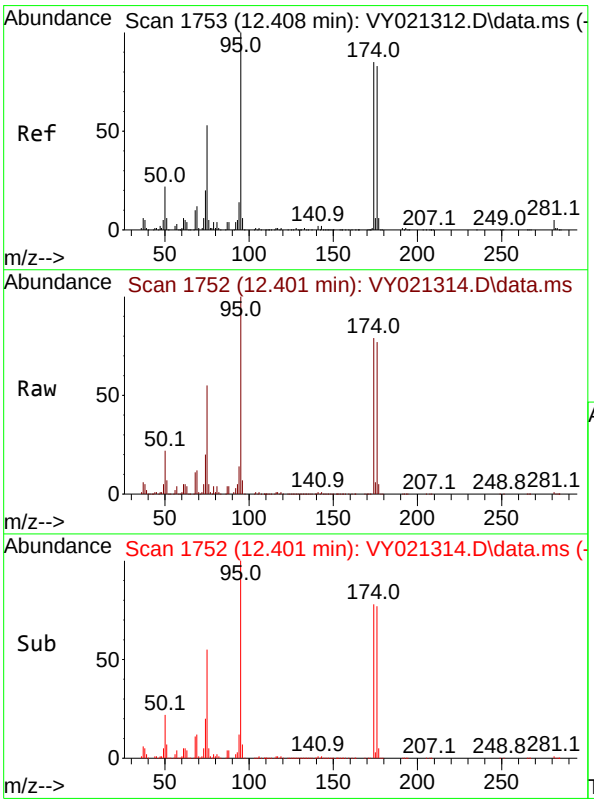
#61
1,2-Dibromoethane
Concen: 155.651 ug/l
RT: 11.011 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:107 Resp: 208046

Ion	Ratio	Lower	Upper
107	100		
109	93.7	73.8	110.8

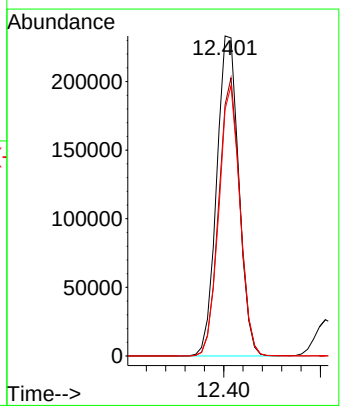


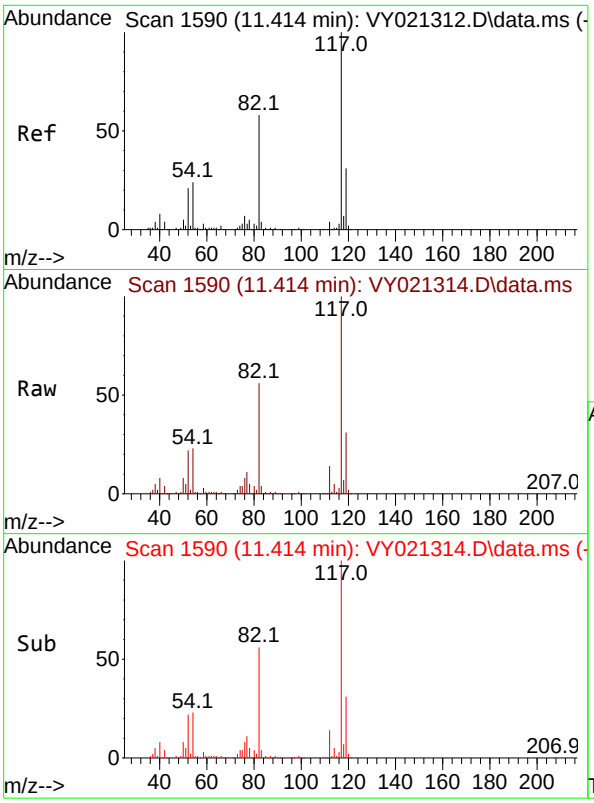


#62
4-Bromofluorobenzene
Concen: 152.937 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 95 Resp: 369071

Ion	Ratio	Lower	Upper
95	100		
174	82.9	0.0	168.0
176	80.5	0.0	162.6



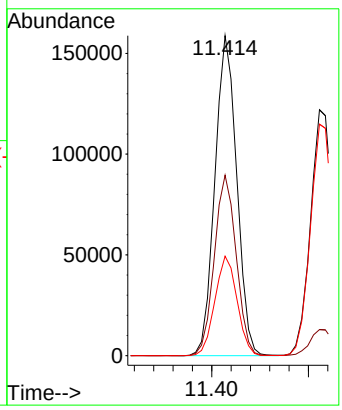


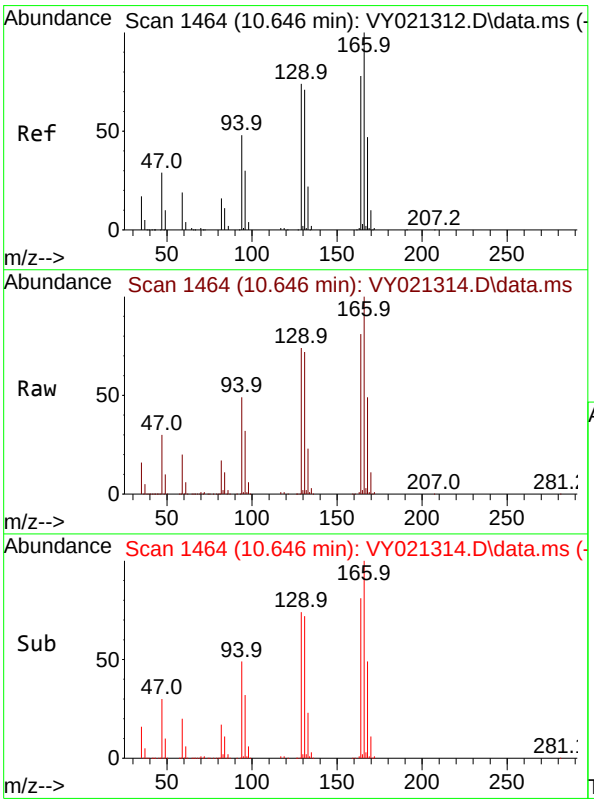
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:117 Resp: 248493

Ion	Ratio	Lower	Upper
117	100		
82	56.4	46.2	69.4
119	31.1	24.9	37.3

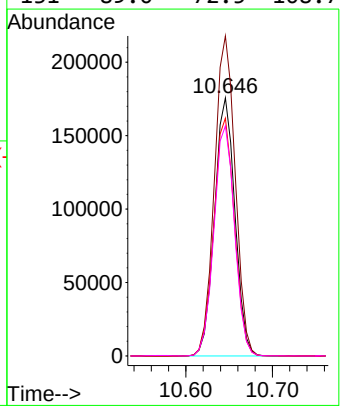


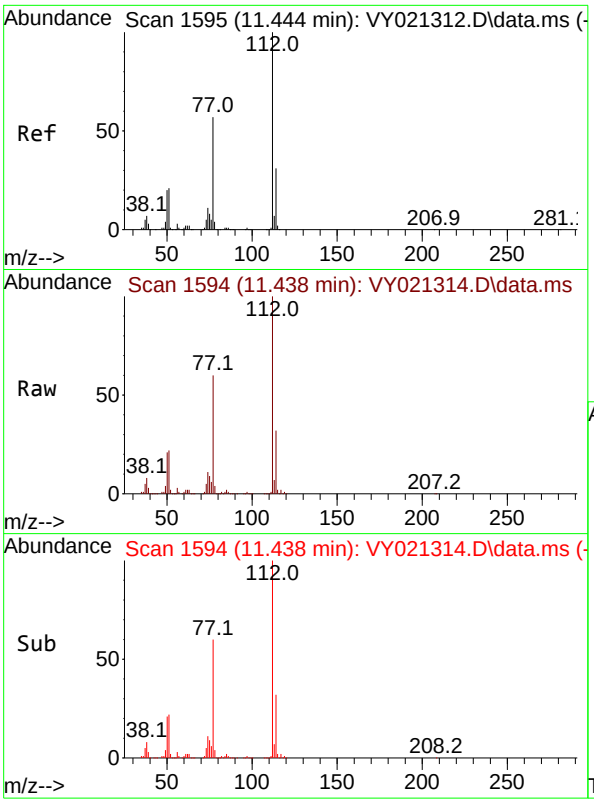


#64
Tetrachloroethene
Concen: 153.351 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:164 Resp: 288026

Ion	Ratio	Lower	Upper
164	100		
166	124.0	101.9	152.9
129	92.1	75.5	113.3
131	89.0	72.5	108.7



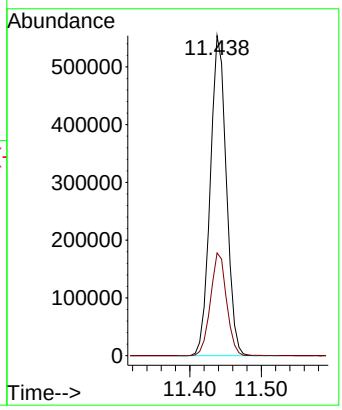


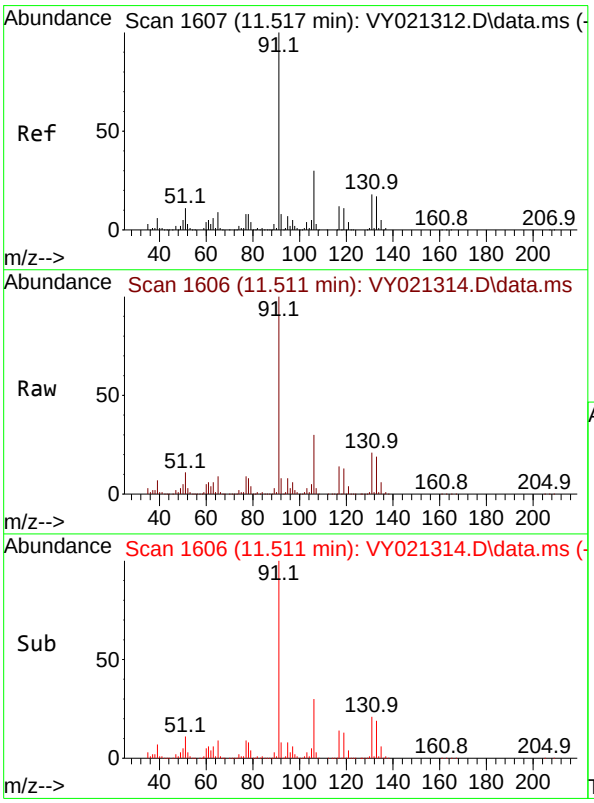
#65
Chlorobenzene
Concen: 154.837 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:112 Resp: 863676

Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.0	37.6

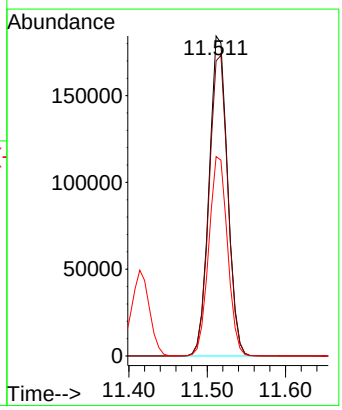


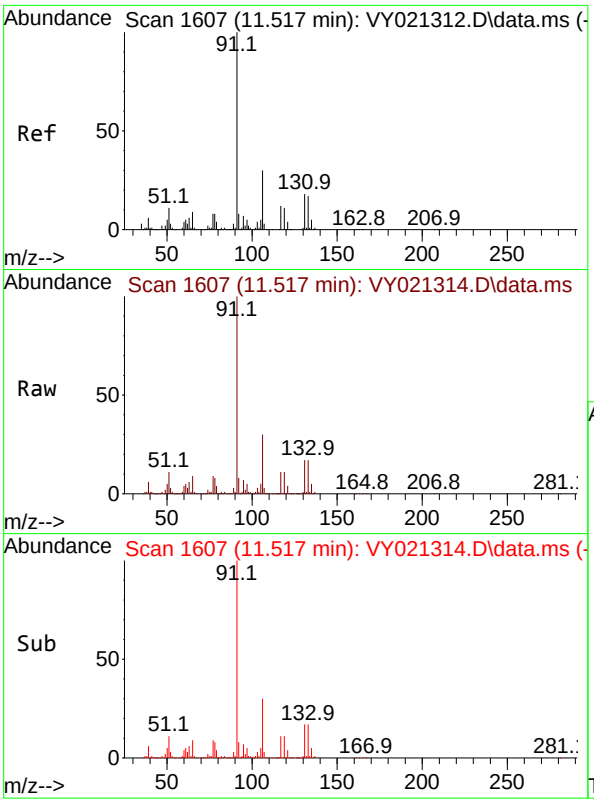


#66
1,1,1,2-Tetrachloroethane
Concen: 154.234 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:131 Resp: 301244

Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.9	143.6
119	63.3	31.7	95.1



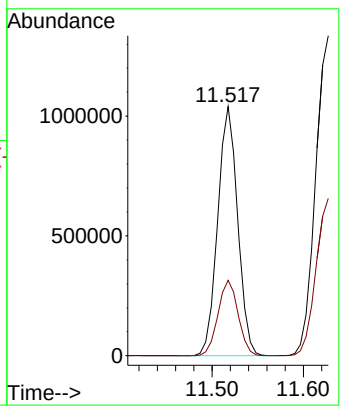


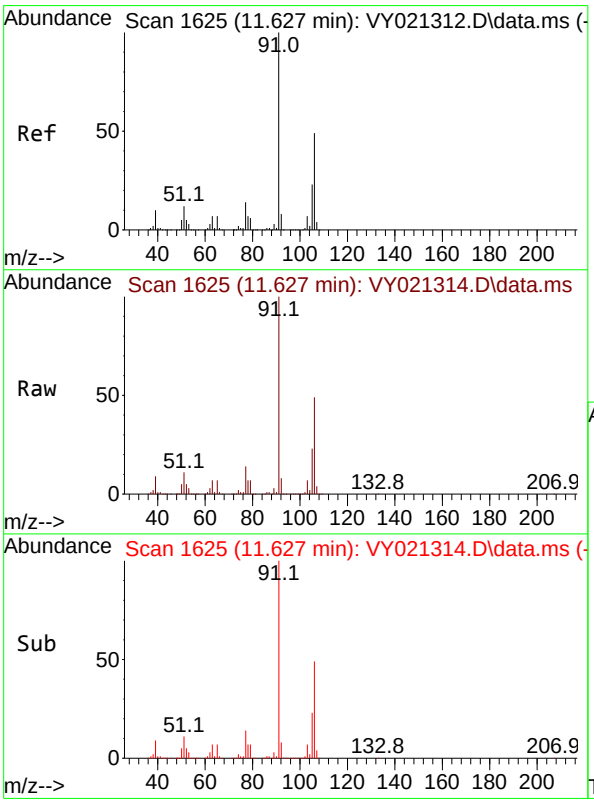
#67
Ethyl Benzene
Concen: 159.586 ug/l
RT: 11.517 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 1576743

Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.4	36.6

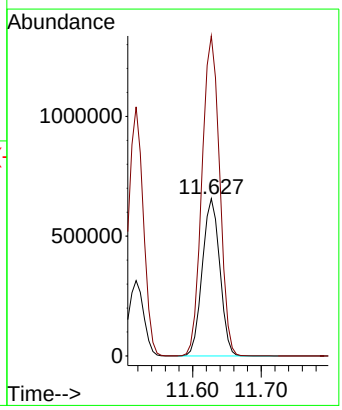


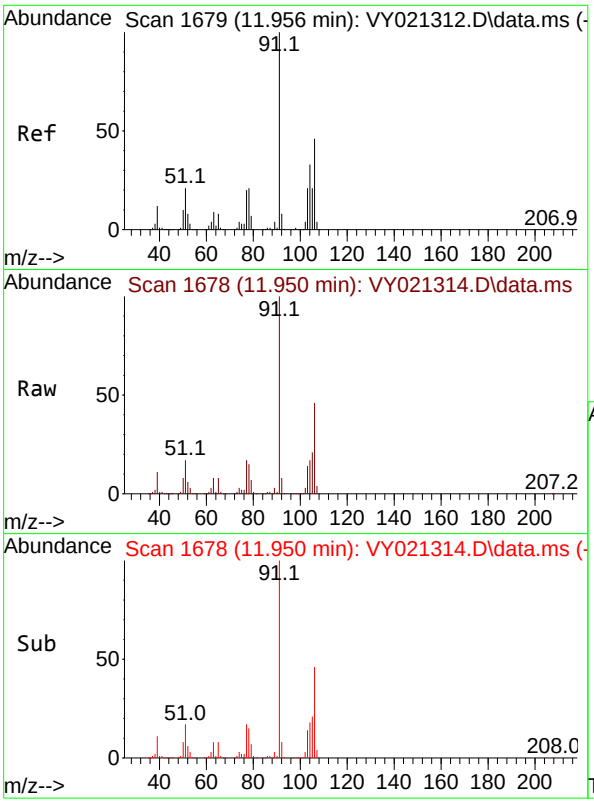


#68
m/p-Xylenes
Concen: 314.246 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:106 Resp: 1167839

Ion	Ratio	Lower	Upper
106	100		
91	205.5	163.9	245.9



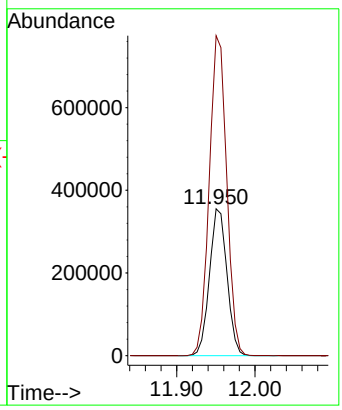


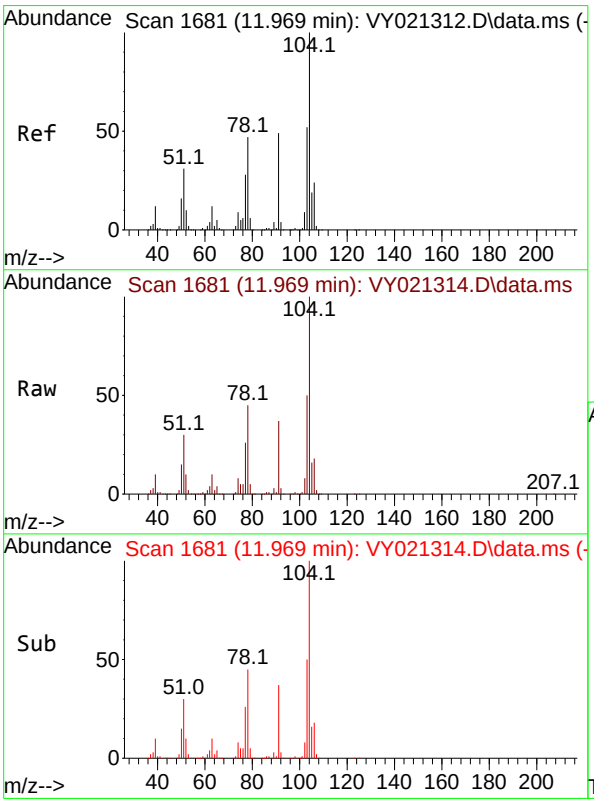
#69
o-Xylene
Concen: 158.258 ug/l
RT: 11.950 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 550972

Ion	Ratio	Lower	Upper
106	100		
91	217.0	108.1	324.2

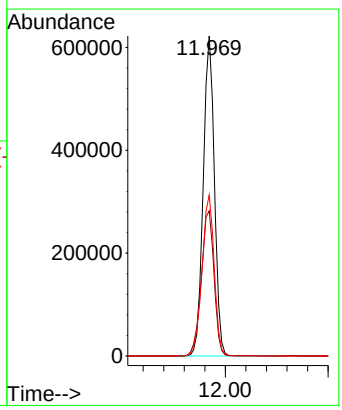


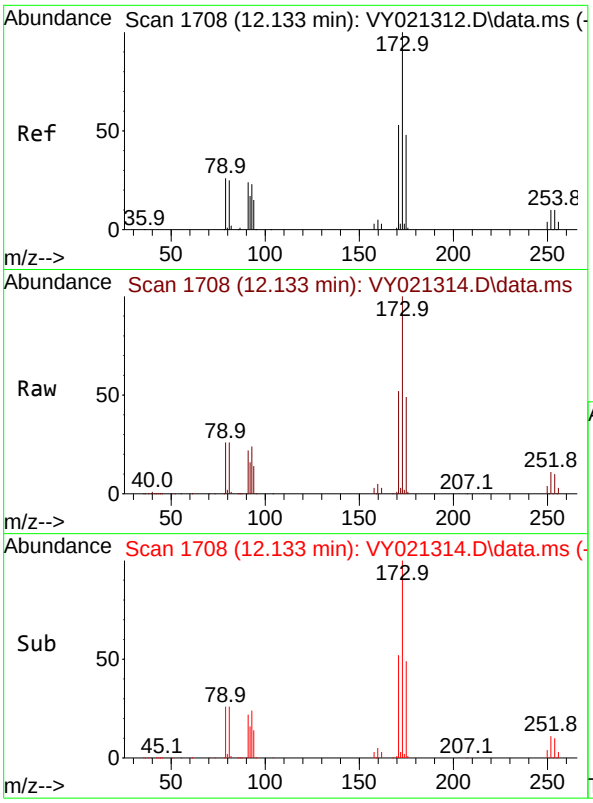


#70
Styrene
Concen: 161.754 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:104 Resp: 936967

Ion	Ratio	Lower	Upper
104	100		
78	51.7	41.3	61.9
103	55.0	43.9	65.9



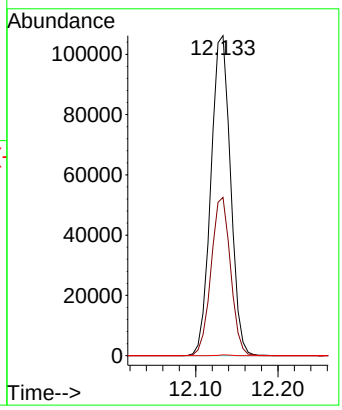


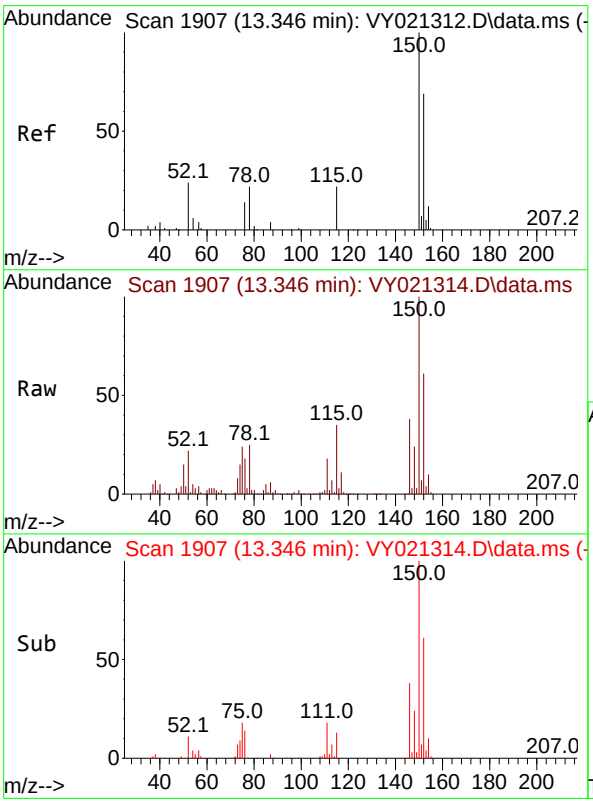
#71
Bromoform
Concen: 157.441 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:173 Resp: 175918

Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.1	72.3
254	0.2	0.1	0.1#

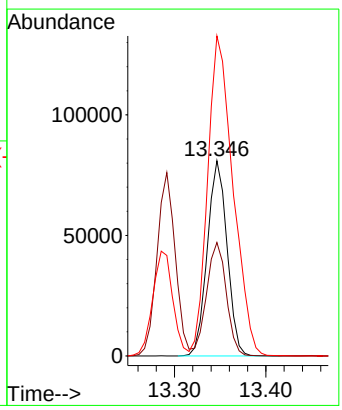


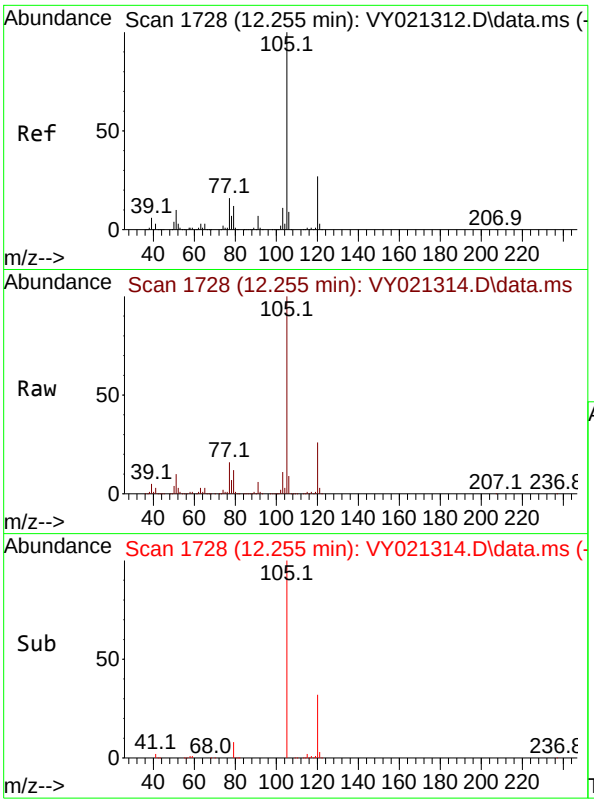


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:152 Resp: 121558

Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.3	88.0
150	210.8	0.0	347.4



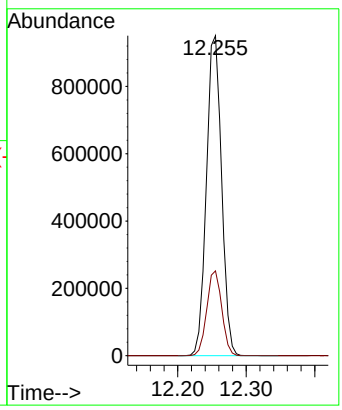


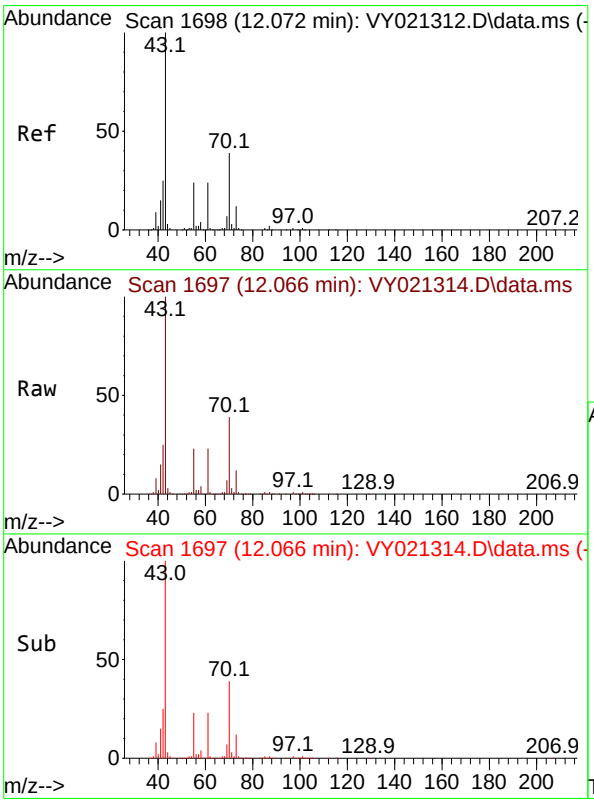
#73
Isopropylbenzene
Concen: 159.969 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 1461905

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.3	39.8

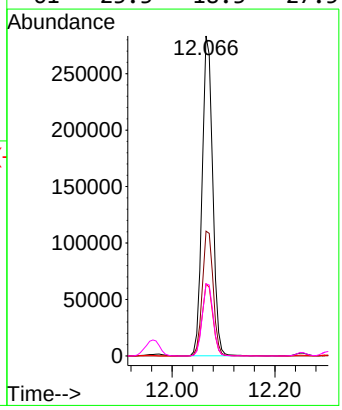


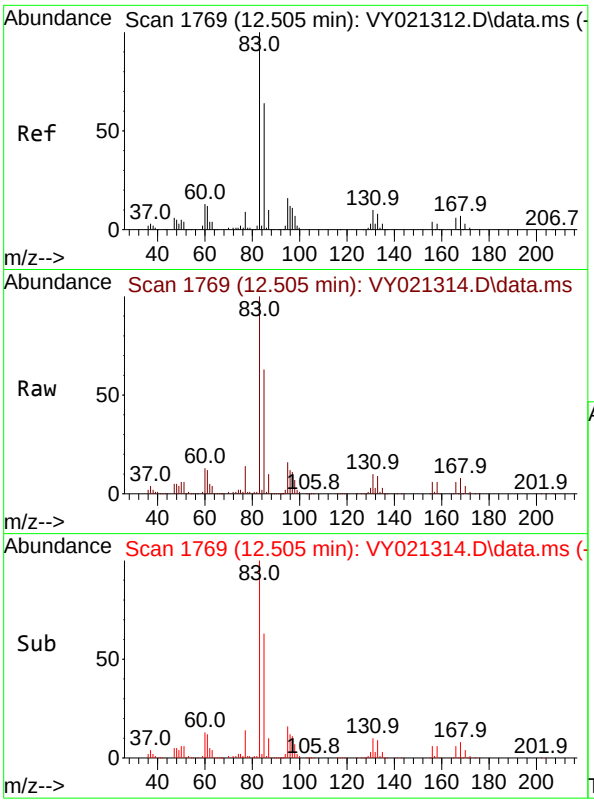


#74
N-amyl acetate
Concen: 173.596 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 43 Resp: 403238

Ion	Ratio	Lower	Upper
43	100		
70	40.2	32.2	48.2
55	23.0	19.6	29.4
61	23.3	18.3	27.5



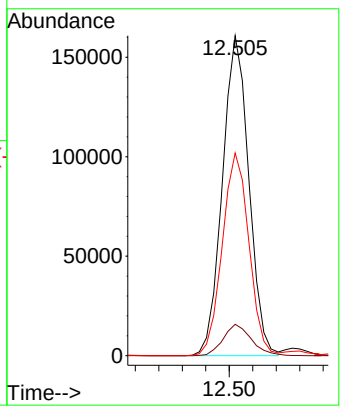


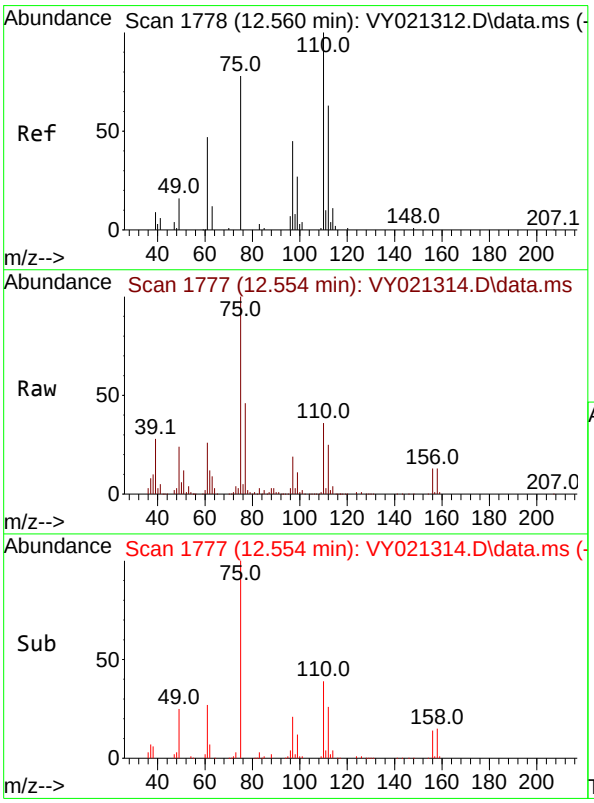
#75
1,1,2,2-Tetrachloroethane
Concen: 155.759 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 251216

Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.2	15.6
85	63.8	32.0	96.0

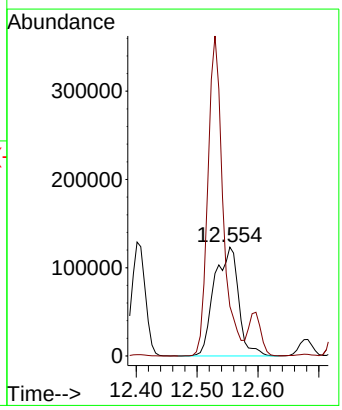


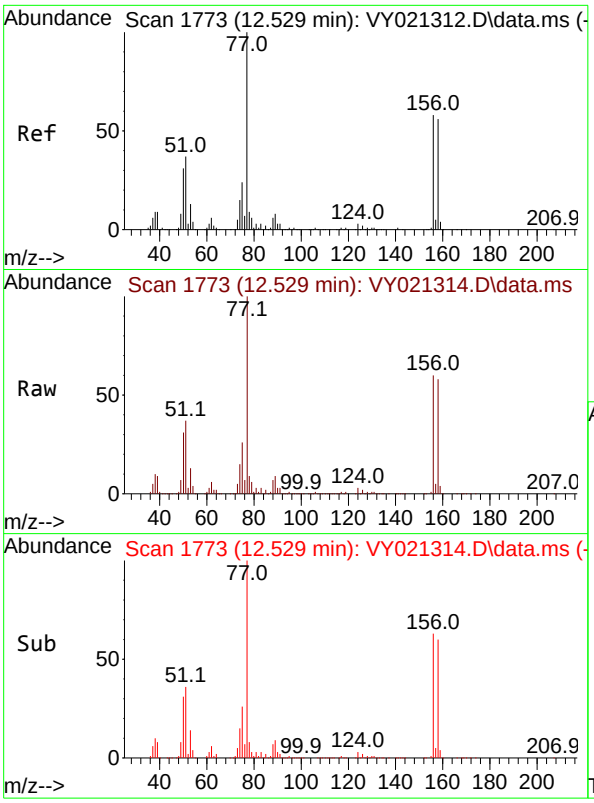


#76
1,2,3-Trichloropropane
Concen: 277.334 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 75 Resp: 339496

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



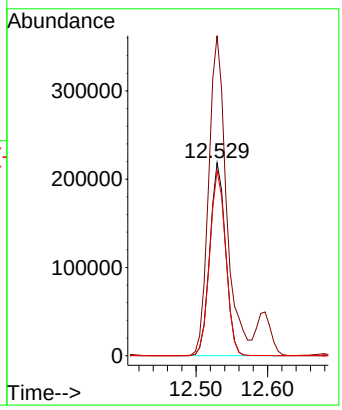


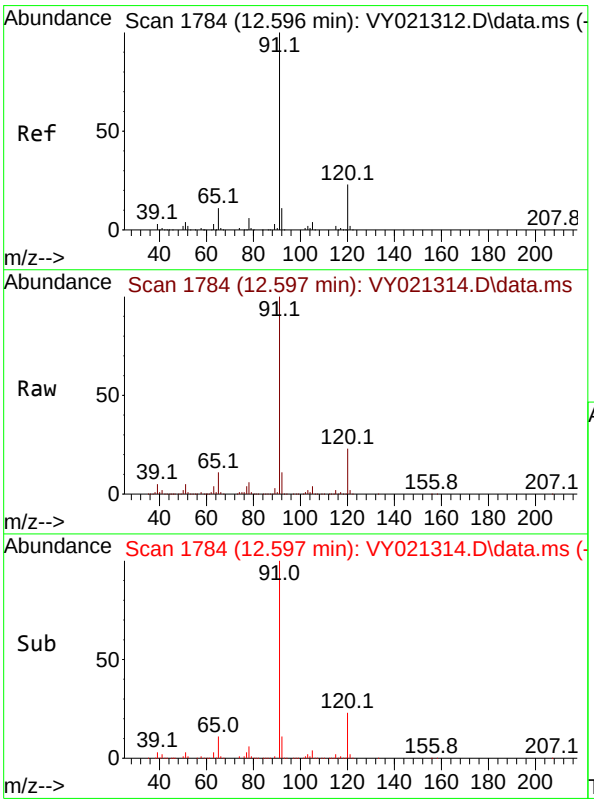
#77
Bromobenzene
Concen: 157.025 ug/l
RT: 12.529 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:156 Resp: 333772

Ion	Ratio	Lower	Upper
156	100		
77	186.1	94.0	282.1
158	97.0	48.7	146.1

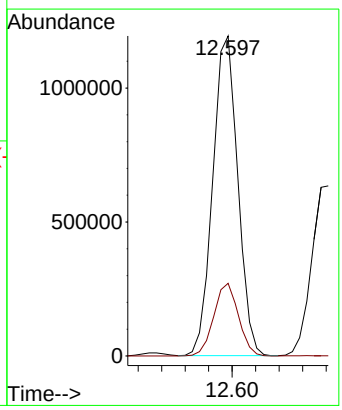


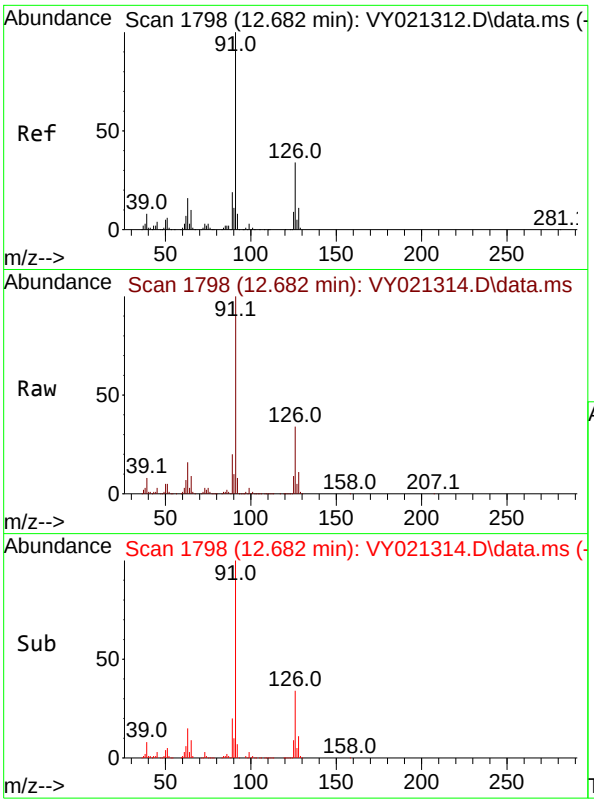


#78
n-propylbenzene
Concen: 159.217 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 91 Resp: 1765636

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.2	33.5



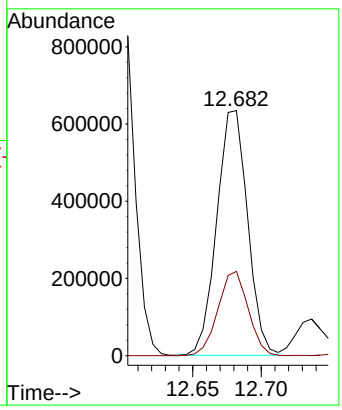


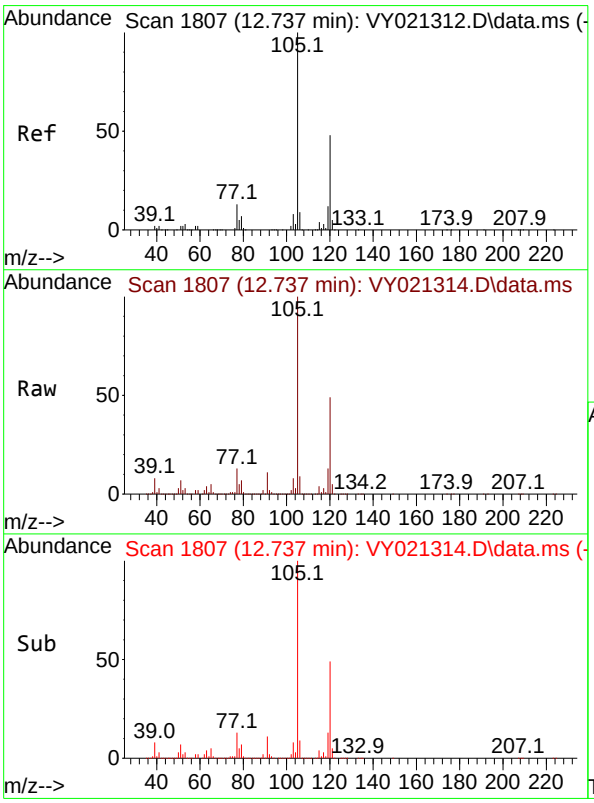
#79
2-Chlorotoluene
Concen: 156.411 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 995452

Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.9	50.6

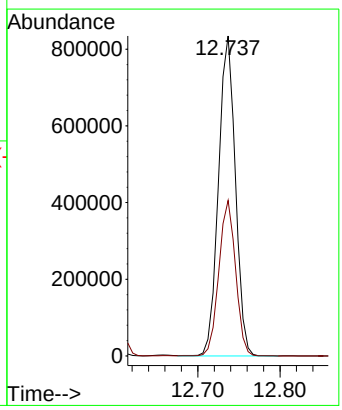


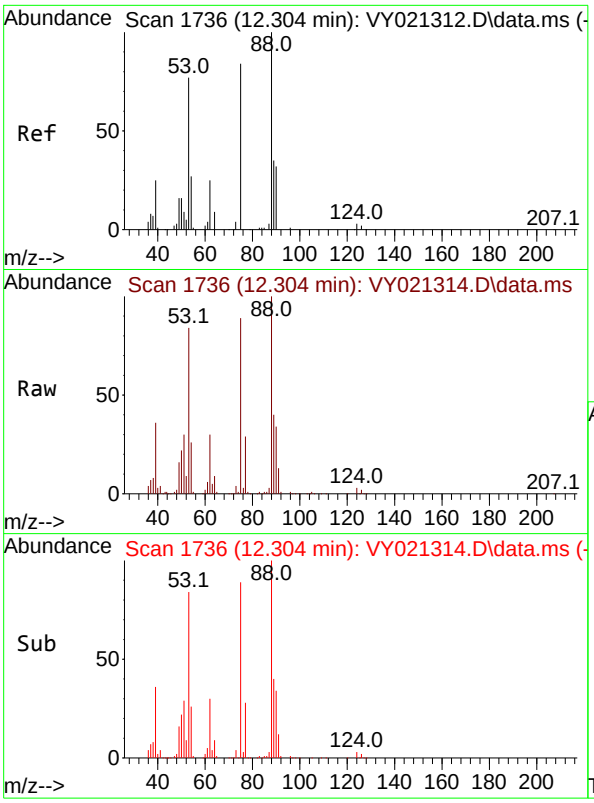


#80
1,3,5-Trimethylbenzene
Concen: 158.830 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:105 Resp: 1190462

Ion	Ratio	Lower	Upper
105	100		
120	48.2	24.3	73.0



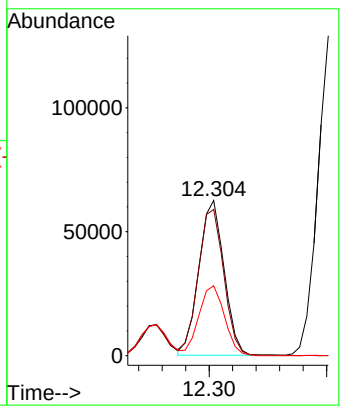


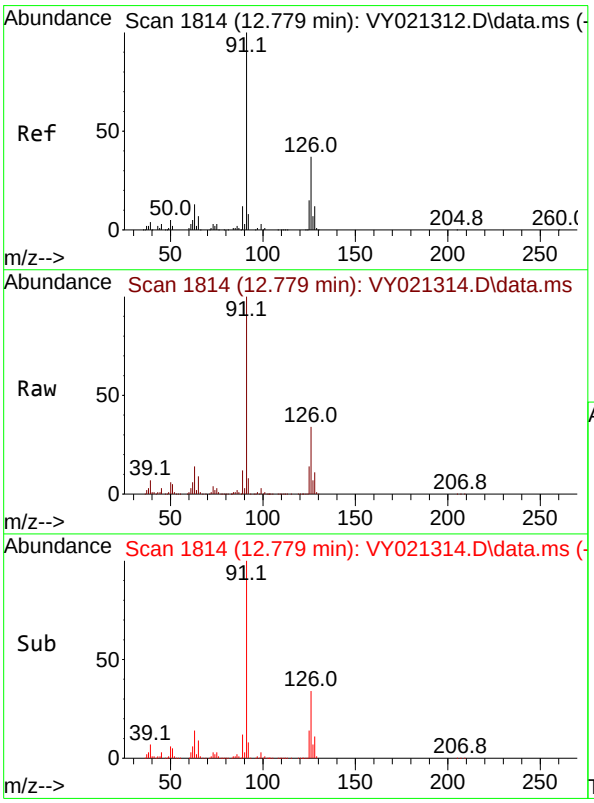
#81
trans-1,4-Dichloro-2-butene
Concen: 169.722 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 92910

Ion	Ratio	Lower	Upper
75	100		
53	96.8	79.1	118.7
89	46.3	35.6	53.4

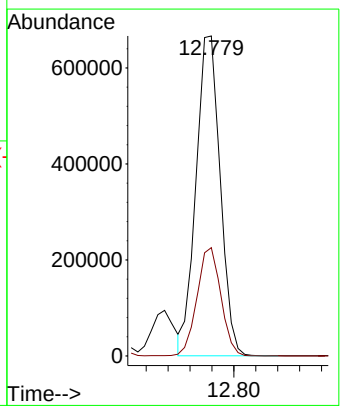


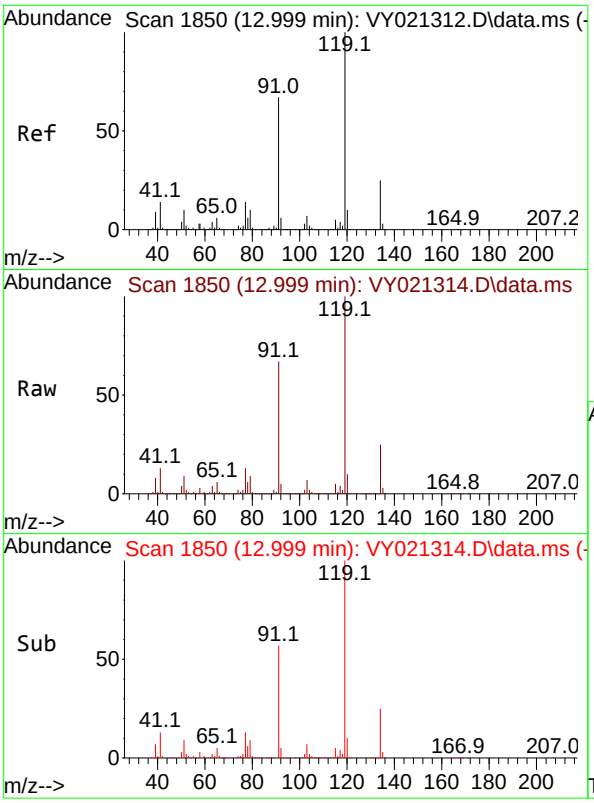


#82
4-Chlorotoluene
Concen: 154.883 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 91 Resp: 1021811

Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.8	50.4



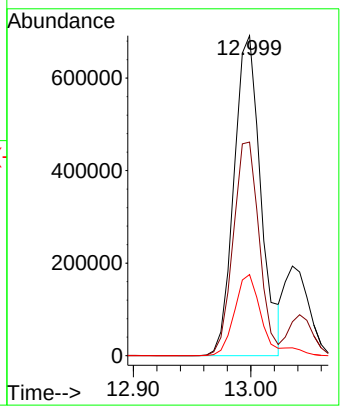


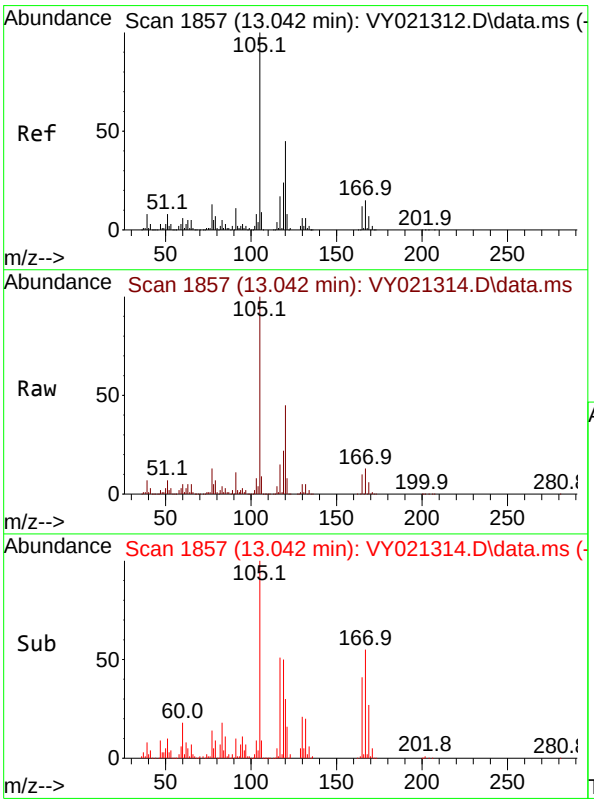
#83
tert-Butylbenzene
Concen: 161.602 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:119 Resp: 1094125

Ion	Ratio	Lower	Upper
119	100		
91	65.0	32.7	98.1
134	26.2	13.3	39.9

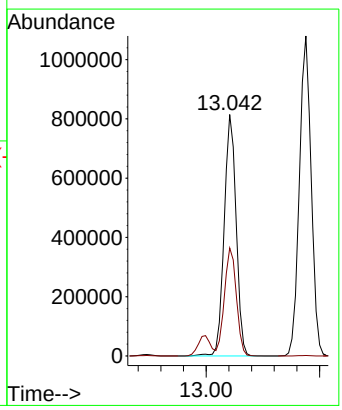


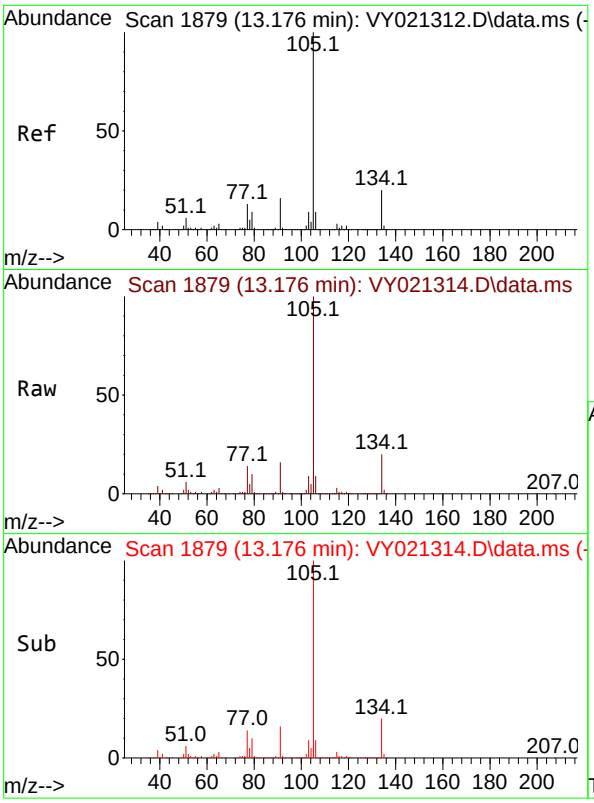


#84
1,2,4-Trimethylbenzene
Concen: 159.915 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:105 Resp: 1192062

Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.4	67.3



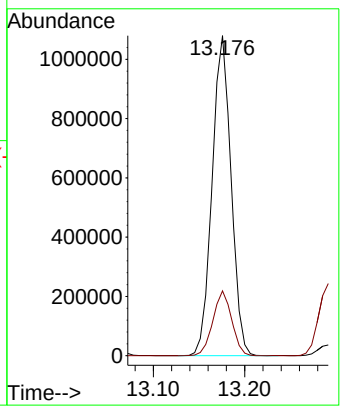


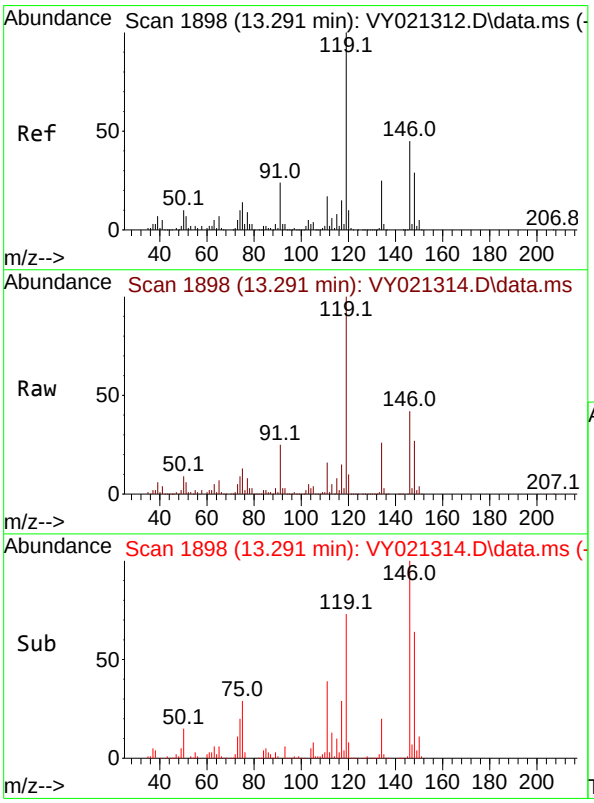
#85
sec-Butylbenzene
Concen: 157.594 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 1558540

Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.0	30.0

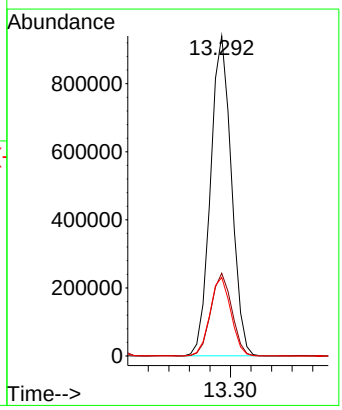


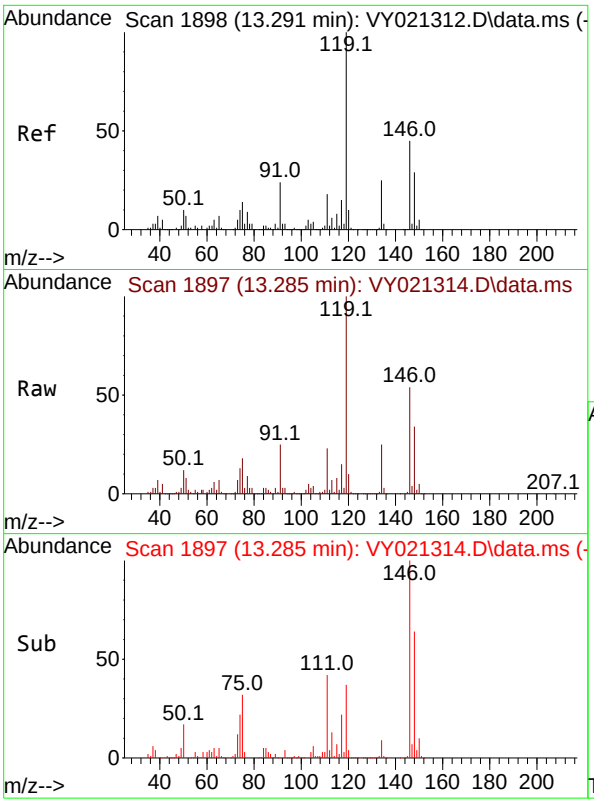


#86
p-Isopropyltoluene
Concen: 160.795 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:119 Resp: 1327819

Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.0	38.9
91	24.5	12.0	36.1



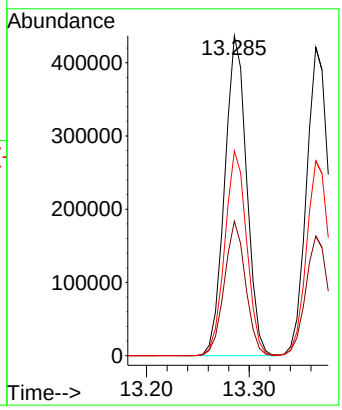


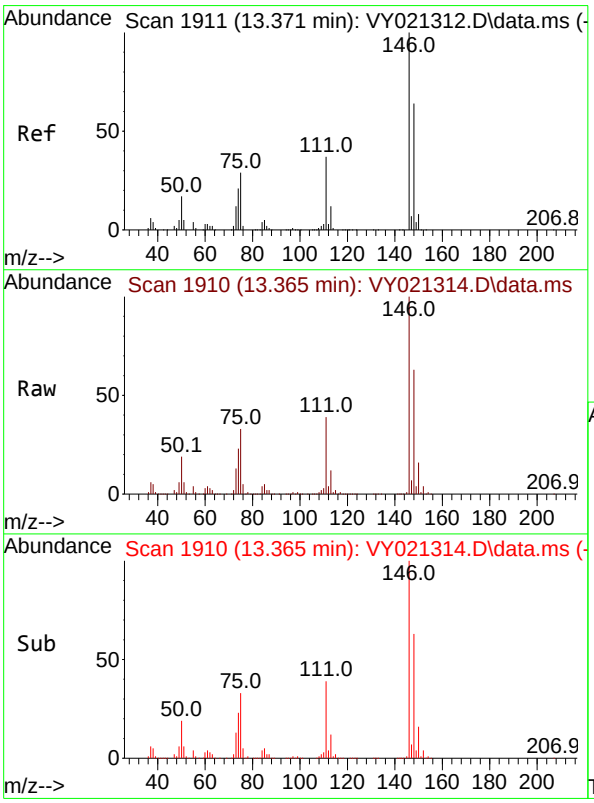
#87
1,3-Dichlorobenzene
Concen: 154.161 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 648204

Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.0	59.9
148	63.9	31.9	95.9

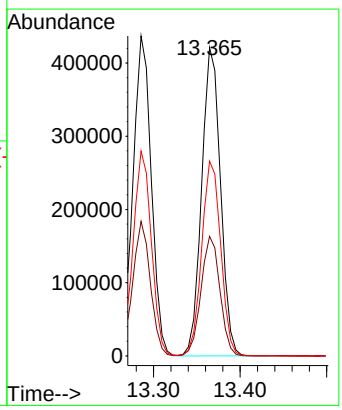


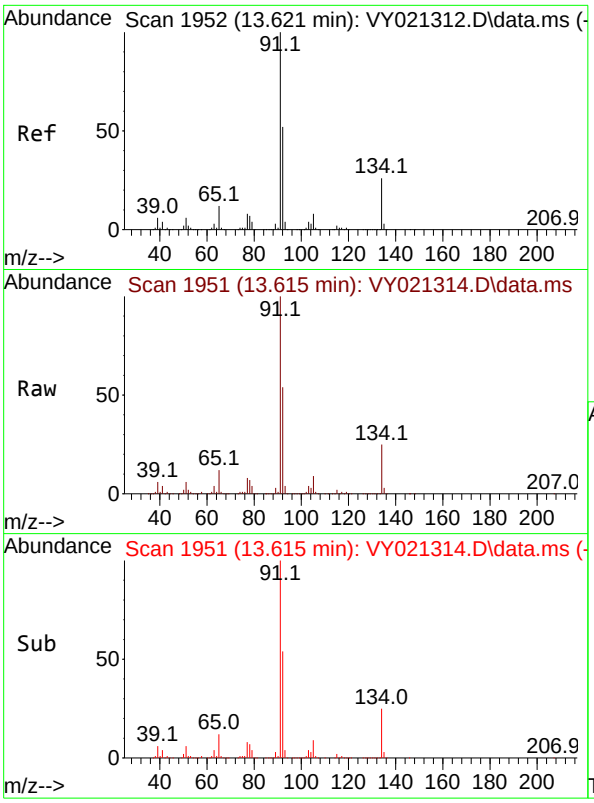


#88
1,4-Dichlorobenzene
Concen: 153.109 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:146 Resp: 635981

Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.5	58.5
148	63.7	32.0	96.2



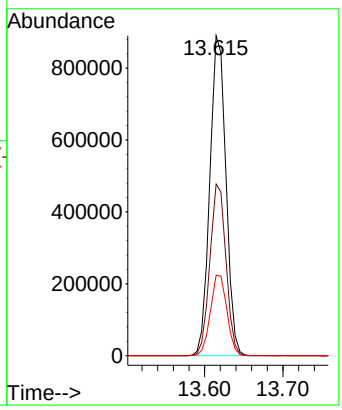


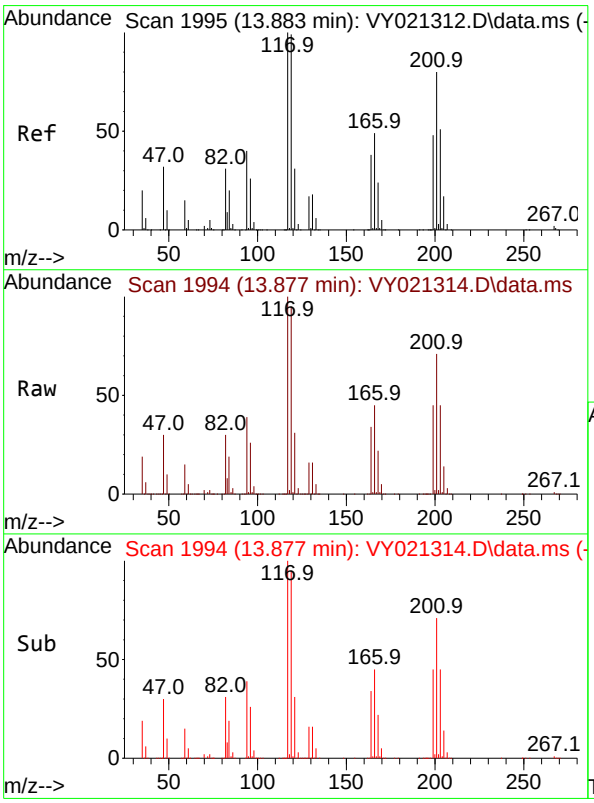
#89
n-Butylbenzene
Concen: 163.350 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 1269399

Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.4	79.2
134	25.7	12.7	38.0

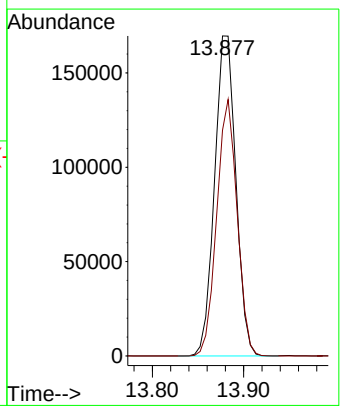


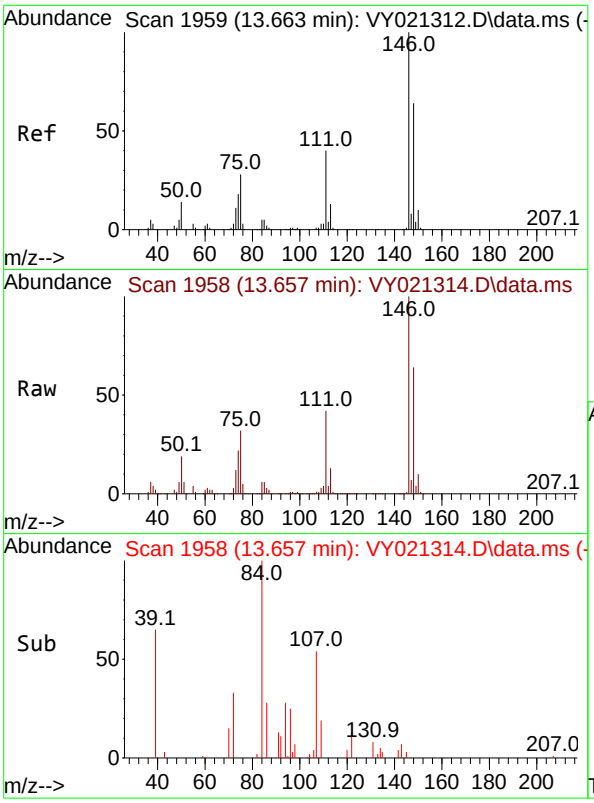


#90
Hexachloroethane
Concen: 159.641 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:117 Resp: 275368

Ion	Ratio	Lower	Upper
117	100		
201	76.8	38.4	115.2



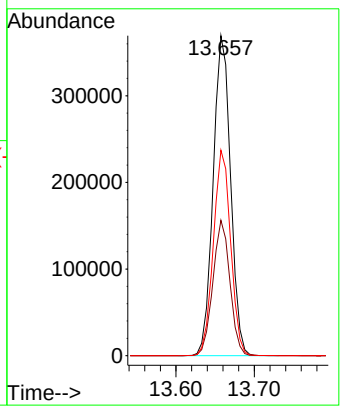


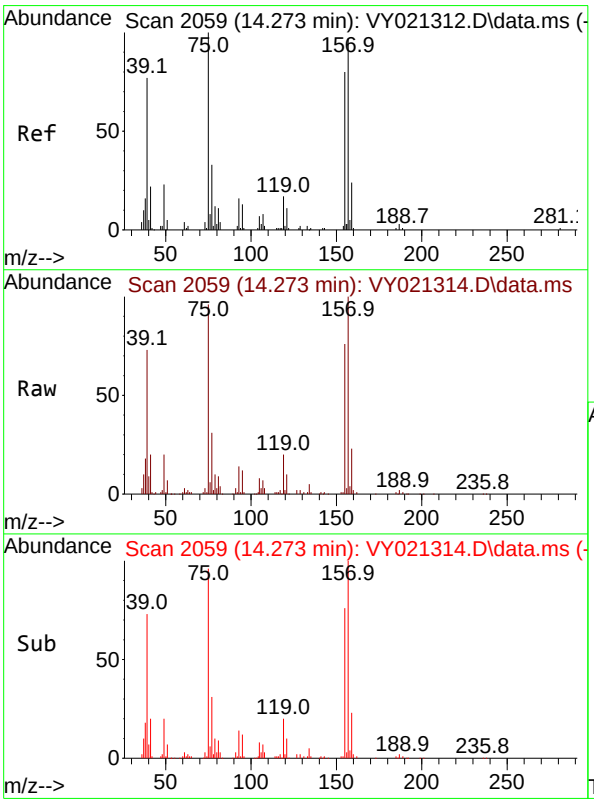
#91
1,2-Dichlorobenzene
Concen: 154.826 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 570360

Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.7	62.1
148	63.8	31.7	95.1

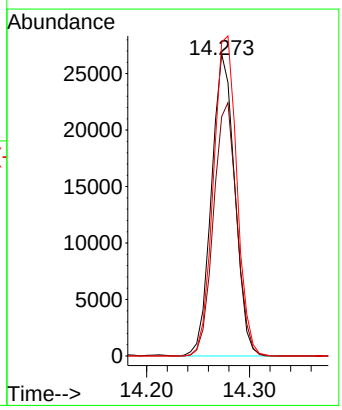


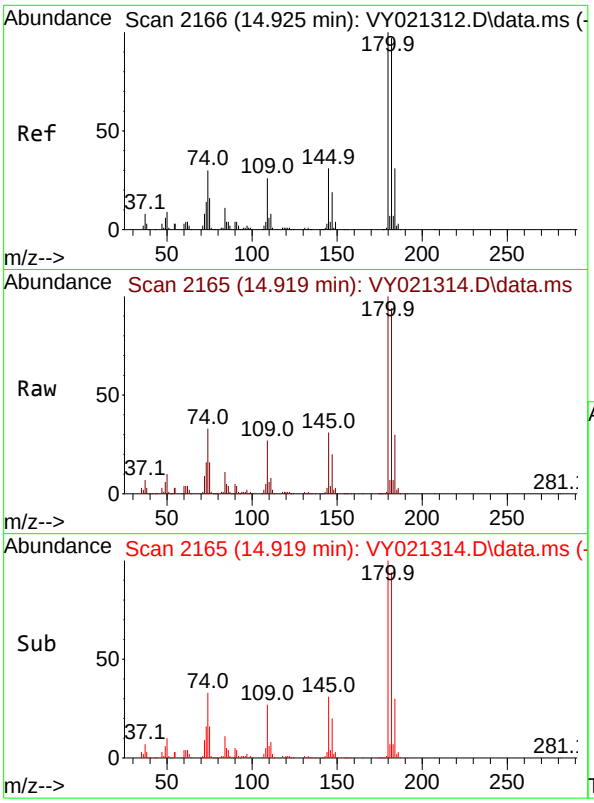


#92
1,2-Dibromo-3-Chloropropane
Concen: 164.851 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 75 Resp: 42060

Ion	Ratio	Lower	Upper
75	100		
155	83.5	41.9	125.6
157	106.6	52.5	157.6



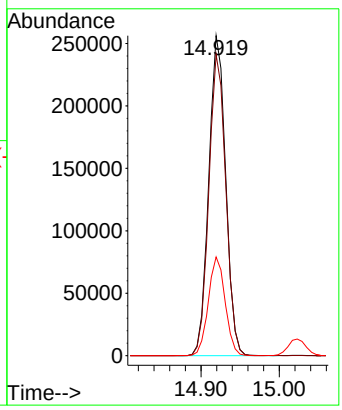


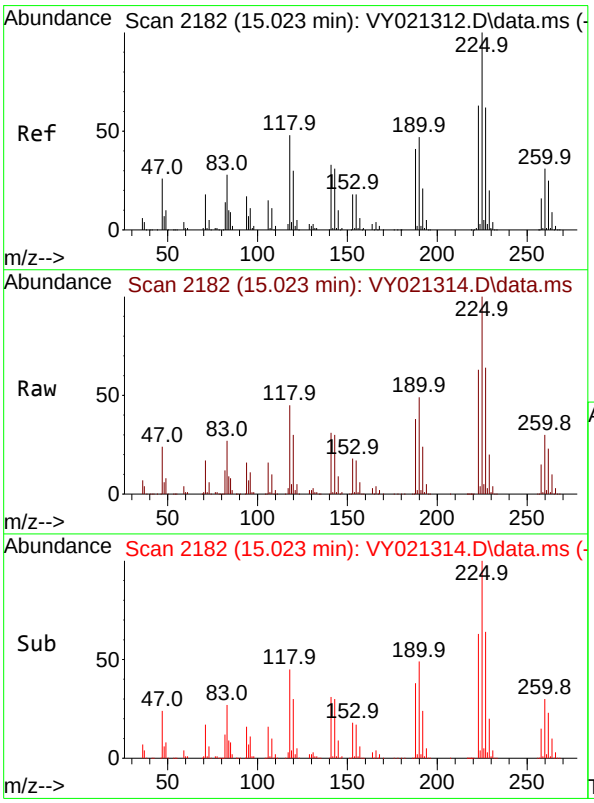
#93
1,2,4-Trichlorobenzene
Concen: 170.860 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:180 Resp: 384163

Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.9	143.7
145	30.7	15.6	46.8

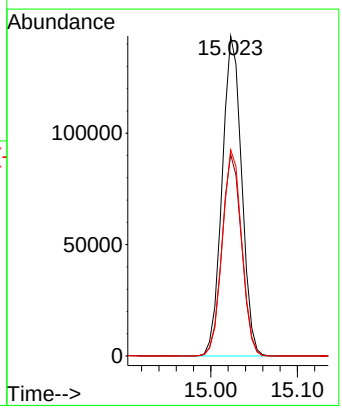


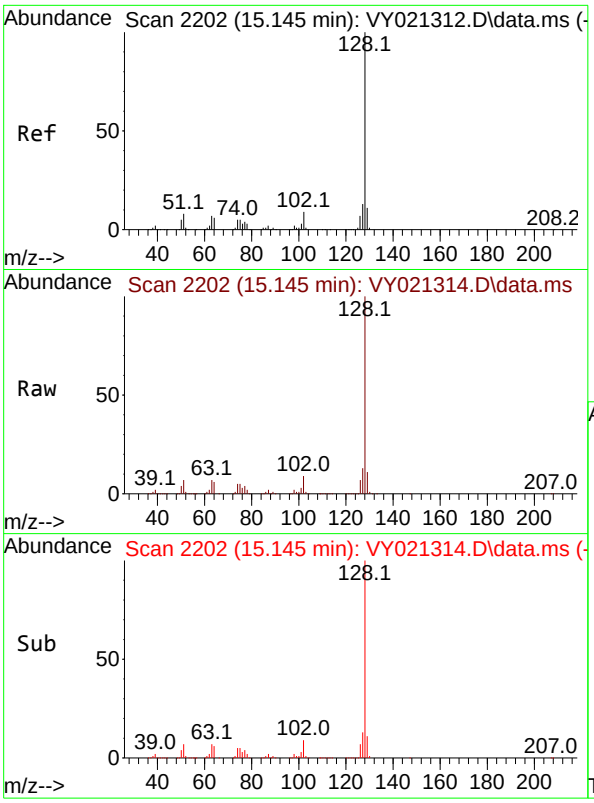


#94
Hexachlorobutadiene
Concen: 158.670 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:225 Resp: 224602

Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.8	95.4
227	64.2	31.9	95.7



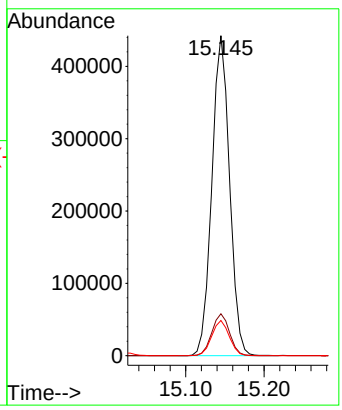


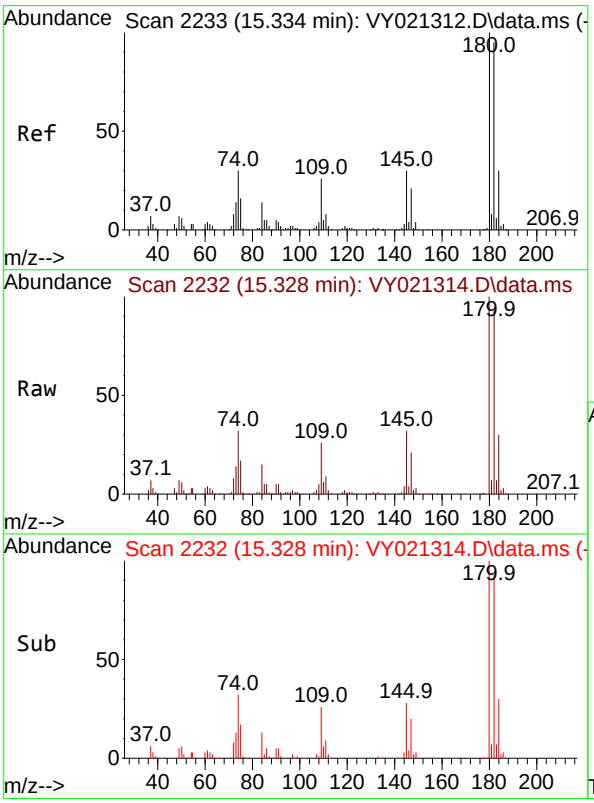
#95
Naphthalene
Concen: 186.517 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:128 Resp: 694625

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.9	8.5	12.7

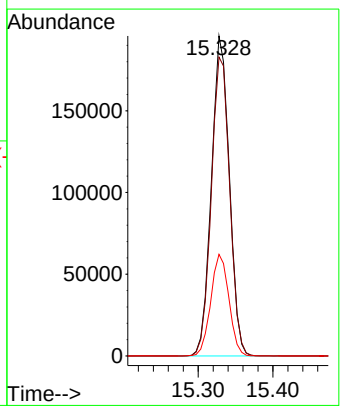




#96
1,2,3-Trichlorobenzene
Concen: 172.067 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:180 Resp: 326876

Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.3	144.9
145	32.1	16.1	48.3



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021316.D
Acq On : 25 Feb 2025 16:49
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Quant Time: Feb 26 01:47:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	190677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	300486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	267150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	130541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	208535	96.407	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 192.820%#			
35) Dibromofluoromethane	7.634	113	193803	98.377	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 196.760%#			
50) Toluene-d8	10.103	98	752895	98.889	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 197.780%#			
62) 4-Bromofluorobenzene	12.408	95	252327	98.477	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 196.960%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	170537	94.332	ug/l	97
3) Chloromethane	2.068	50	217555	93.180	ug/l	99
4) Vinyl Chloride	2.202	62	221196	96.523	ug/l	97
5) Bromomethane	2.592	94	136840	89.858	ug/l	100
6) Chloroethane	2.732	64	135372	95.259	ug/l	99
7) Trichlorofluoromethane	3.056	101	331928	95.909	ug/l	95
8) Diethyl Ether	3.452	74	100381	96.637	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.811	101	193544	96.593	ug/l	99
10) Methyl Iodide	4.000	142	228728	108.503	ug/l	100
11) Tert butyl alcohol	4.854	59	65742	395.134	ug/l	99
12) 1,1-Dichloroethene	3.787	96	186684	97.304	ug/l	99
13) Acrolein	3.653	56	11267	88.370	ug/l	99
14) Allyl chloride	4.378	41	339203	99.720	ug/l	99
15) Acrylonitrile	5.055	53	219275	477.449	ug/l	99
16) Acetone	3.866	43	196435	473.421	ug/l	99
17) Carbon Disulfide	4.104	76	617661	96.953	ug/l	100
18) Methyl Acetate	4.385	43	95405	94.085	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	498467	98.337	ug/l	99
20) Methylene Chloride	4.616	84	201698	89.894	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	208498	98.718	ug/l	96
22) Diisopropyl ether	6.018	45	697290	99.061	ug/l	97
23) Vinyl Acetate	5.957	43	2103219	500.017	ug/l	99
24) 1,1-Dichloroethane	5.909	63	384030	96.798	ug/l	99
25) 2-Butanone	6.890	43	303077	483.977	ug/l	97
26) 2,2-Dichloropropane	6.884	77	350870	97.467	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	238916	99.061	ug/l	99
28) Bromochloromethane	7.244	49	167271	95.287	ug/l	99
29) Tetrahydrofuran	7.256	42	199056	486.299	ug/l	98
30) Chloroform	7.421	83	387767	96.458	ug/l	99
31) Cyclohexane	7.701	56	351876	92.269	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	353701	96.663	ug/l	98
36) 1,1-Dichloropropene	7.835	75	287472	97.146	ug/l	100
37) Ethyl Acetate	6.982	43	137233	93.230	ug/l	99
38) Carbon Tetrachloride	7.817	117	321576	96.663	ug/l	99
39) Methylcyclohexane	9.109	83	371172	99.169	ug/l	99
40) Benzene	8.079	78	847066	96.835	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021316.D
Acq On : 25 Feb 2025 16:49
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Quant Time: Feb 26 01:47:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.213	41	77542	94.219	ug/l		99
42) 1,2-Dichloroethane	8.152	62	236704	95.375	ug/l		100
43) Isopropyl Acetate	8.195	43	280321	98.388	ug/l		99
44) Trichloroethene	8.865	130	212562	97.057	ug/l		99
45) 1,2-Dichloropropane	9.140	63	201701	95.814	ug/l		98
46) Dibromomethane	9.231	93	110814	96.301	ug/l		99
47) Bromodichloromethane	9.420	83	297320	96.904	ug/l		99
48) Methyl methacrylate	9.219	41	135412	101.635	ug/l		99
49) 1,4-Dioxane	9.225	88	24355	1903.504	ug/l		94
51) 4-Methyl-2-Pentanone	9.999	43	716009	490.938	ug/l		100
52) Toluene	10.170	92	539016	99.189	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	284731	101.290	ug/l		99
54) cis-1,3-Dichloropropene	9.853	75	328107	98.870	ug/l		99
55) 1,1,2-Trichloroethane	10.572	97	142372	94.975	ug/l		98
56) Ethyl methacrylate	10.438	69	216586	104.564	ug/l		98
57) 1,3-Dichloropropane	10.719	76	255903	97.283	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	530695	533.791	ug/l		100
59) 2-Hexanone	10.761	43	485734	507.115	ug/l		99
60) Dibromochloromethane	10.908	129	199225	97.582	ug/l		99
61) 1,2-Dibromoethane	11.011	107	136284	96.029	ug/l		98
64) Tetrachloroethene	10.646	164	189679	93.936	ug/l		99
65) Chlorobenzene	11.438	112	576109	96.070	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.517	131	203696	97.007	ug/l		99
67) Ethyl Benzene	11.517	91	1057129	99.522	ug/l		100
68) m/p-Xylenes	11.627	106	783034	195.986	ug/l		100
69) o-Xylene	11.956	106	370964	99.112	ug/l		100
70) Styrene	11.969	104	619437	99.469	ug/l		99
71) Bromoform	12.133	173	114495	95.313	ug/l	#	99
73) Isopropylbenzene	12.255	105	987758	100.648	ug/l		99
74) N-amyl acetate	12.072	43	258576	103.658	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	162941	94.075	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	221853	168.760	ug/l	#	100
77) Bromobenzene	12.529	156	223081	97.728	ug/l		98
78) n-propylbenzene	12.596	91	1186751	99.651	ug/l		100
79) 2-Chlorotoluene	12.682	91	666071	97.455	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	794247	98.676	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	58806	100.031	ug/l		99
82) 4-Chlorotoluene	12.779	91	687385	97.022	ug/l		100
83) tert-Butylbenzene	12.999	119	720480	99.092	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	795840	99.415	ug/l		100
85) sec-Butylbenzene	13.176	105	1041022	98.021	ug/l		100
86) p-Isopropyltoluene	13.291	119	881757	99.431	ug/l		100
87) 1,3-Dichlorobenzene	13.291	146	435489	96.445	ug/l		100
88) 1,4-Dichlorobenzene	13.371	146	425301	95.343	ug/l		99
89) n-Butylbenzene	13.621	91	840236	100.683	ug/l		100
90) Hexachloroethane	13.883	117	181015	97.720	ug/l		100
91) 1,2-Dichlorobenzene	13.657	146	377453	95.410	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	26541	96.867	ug/l		99
93) 1,2,4-Trichlorobenzene	14.925	180	248146	102.770	ug/l		100
94) Hexachlorobutadiene	15.023	225	147103	96.770	ug/l		99
95) Naphthalene	15.145	128	436817	109.220	ug/l		100
96) 1,2,3-Trichlorobenzene	15.334	180	211313	103.581	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021316.D
Acq On : 25 Feb 2025 16:49
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Quant Time: Feb 26 01:47:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

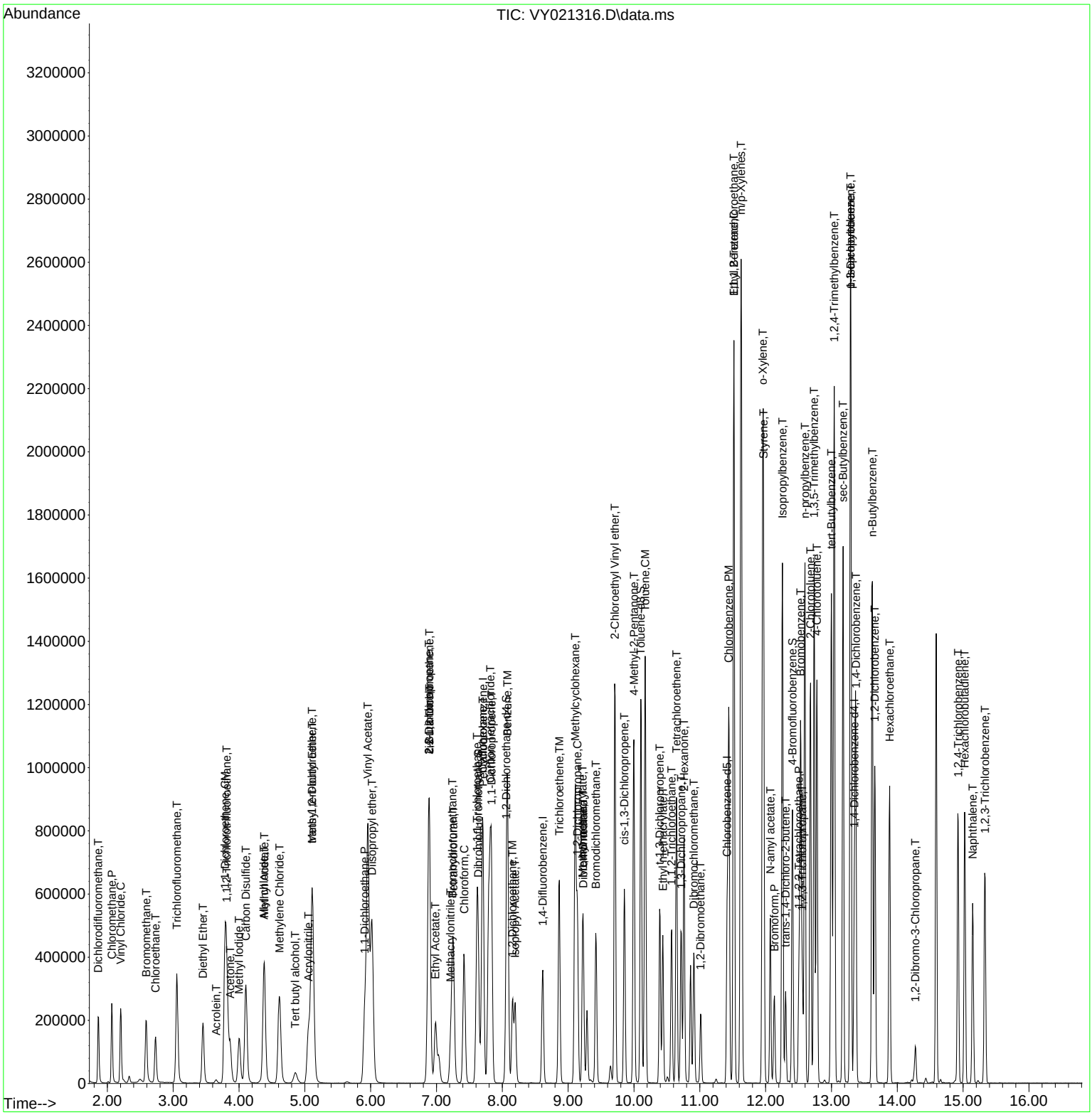
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

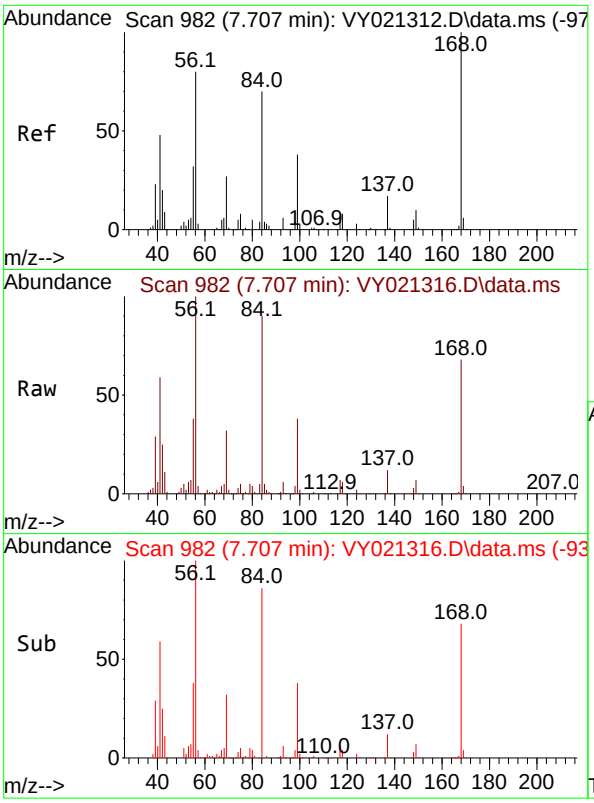
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021316.D
Acq On : 25 Feb 2025 16:49
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Quant Time: Feb 26 01:47:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration



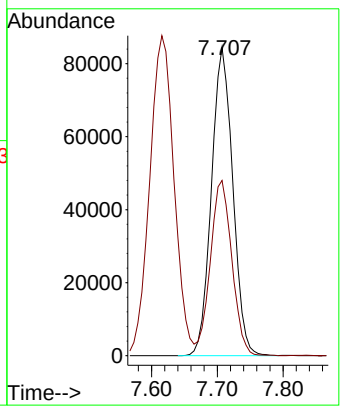


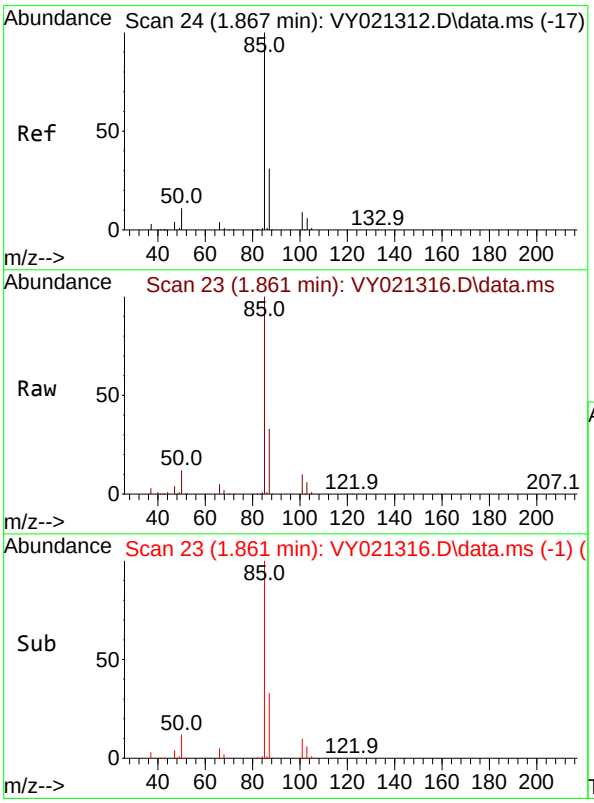
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:168 Resp: 190677

Ion	Ratio	Lower	Upper
168	100		
99	56.8	47.1	70.7

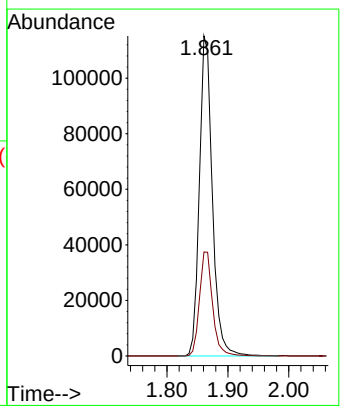


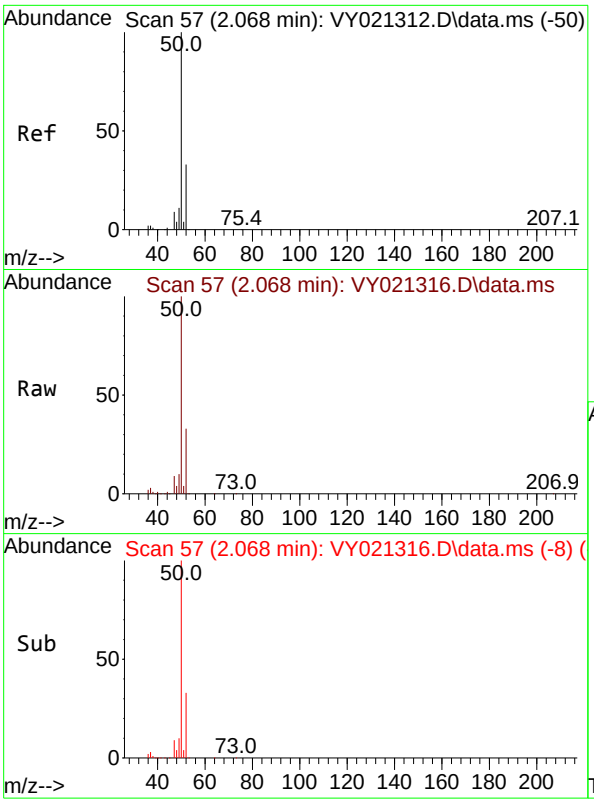


#2
Dichlorodifluoromethane
Concen: 94.332 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 85 Resp: 170537

Ion	Ratio	Lower	Upper
85	100		
87	32.5	15.4	46.4



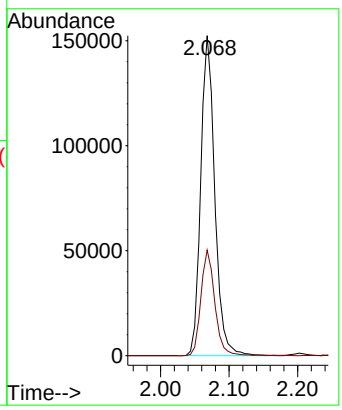


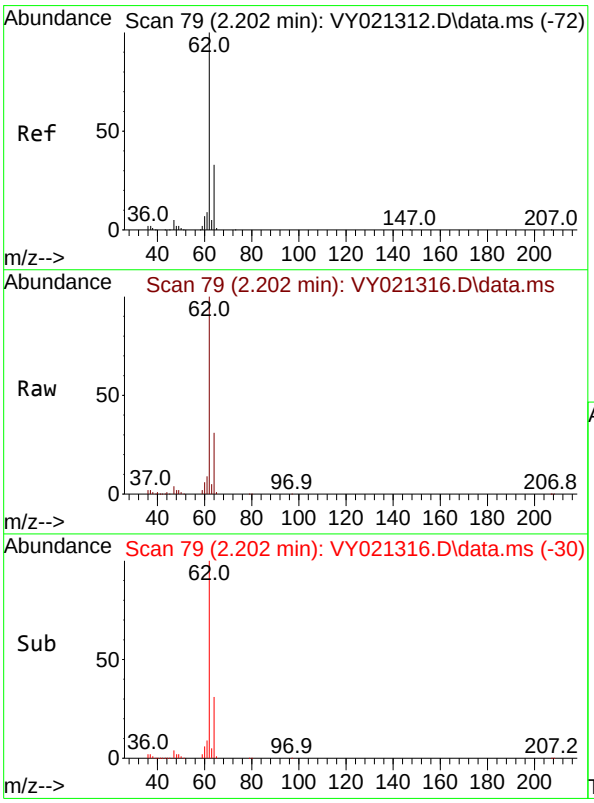
#3
Chloromethane
Concen: 93.180 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 217555

Ion	Ratio	Lower	Upper
50	100		
52	33.0	26.6	40.0

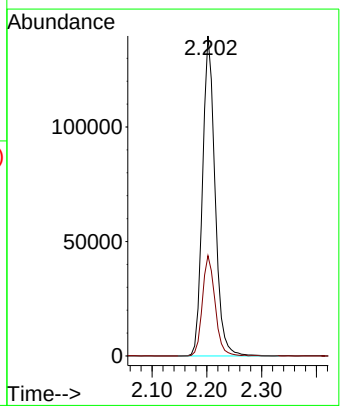


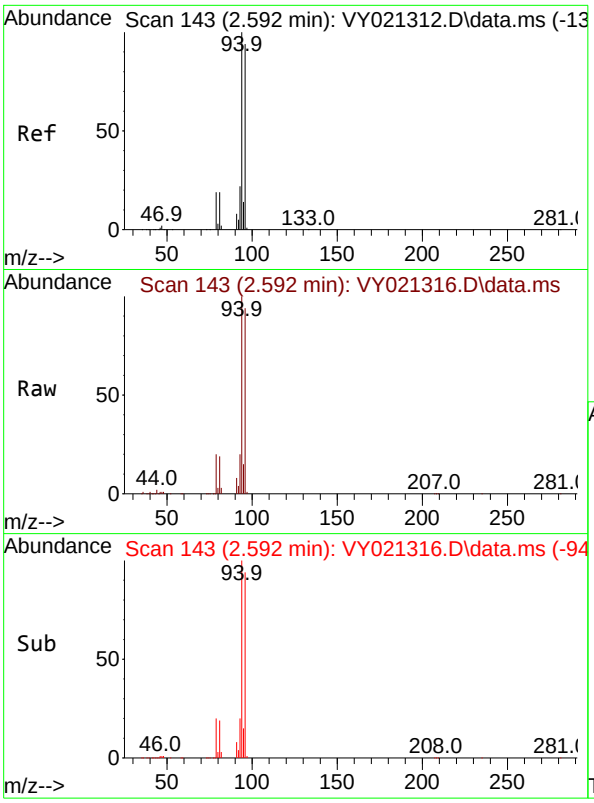


#4
Vinyl Chloride
Concen: 96.523 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 62 Resp: 221196

Ion	Ratio	Lower	Upper
62	100		
64	31.4	26.3	39.5



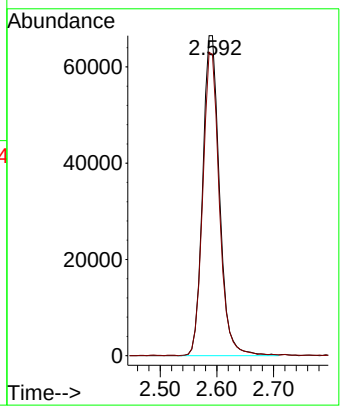


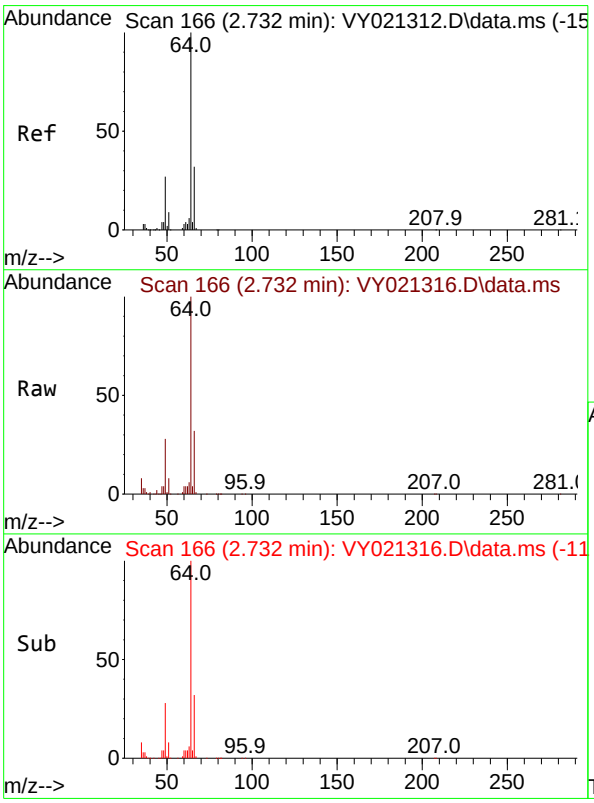
#5
Bromomethane
Concen: 89.858 ug/l
RT: 2.592 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 94 Resp: 136840

Ion	Ratio	Lower	Upper
94	100		
96	94.2	75.2	112.8

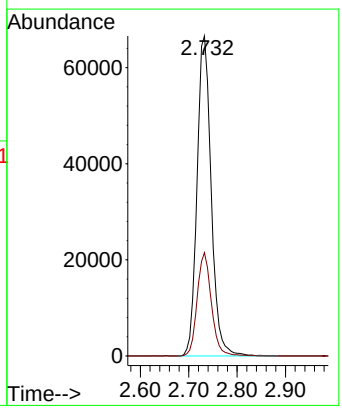


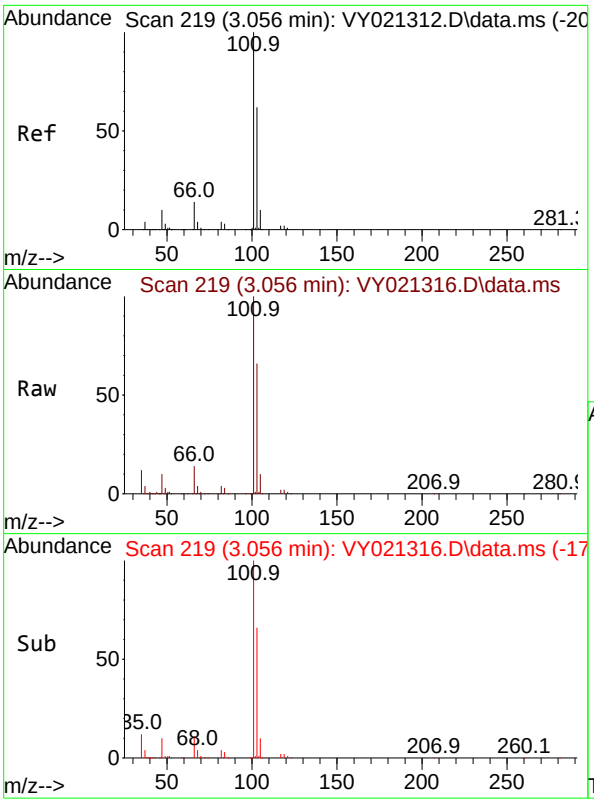


#6
Chloroethane
Concen: 95.259 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 64 Resp: 135372

Ion	Ratio	Lower	Upper
64	100		
66	32.3	25.4	38.0



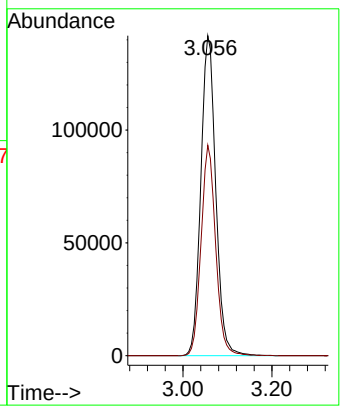


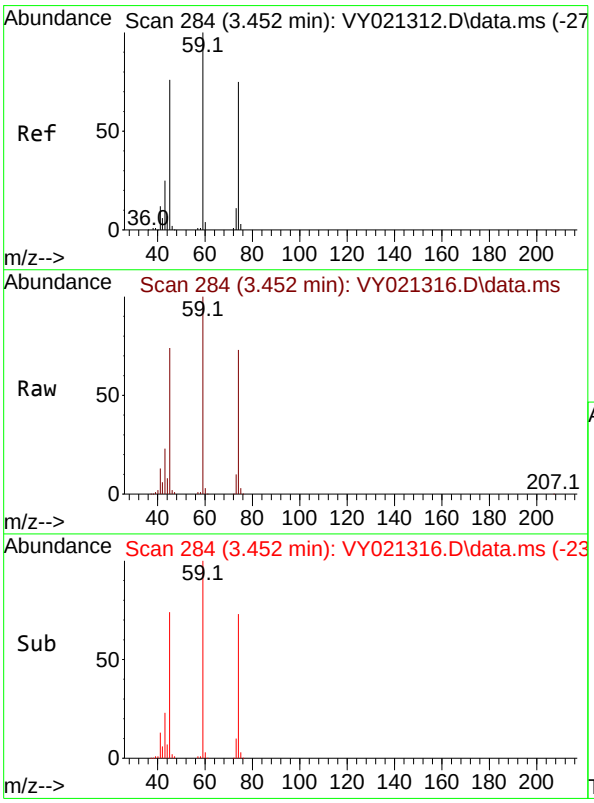
#7
Trichlorofluoromethane
Concen: 95.909 ug/l
RT: 3.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 331928

Ion	Ratio	Lower	Upper
101	100		
103	65.7	49.7	74.5

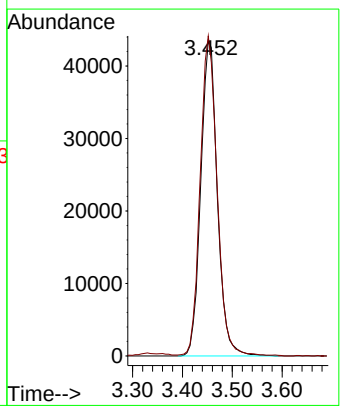


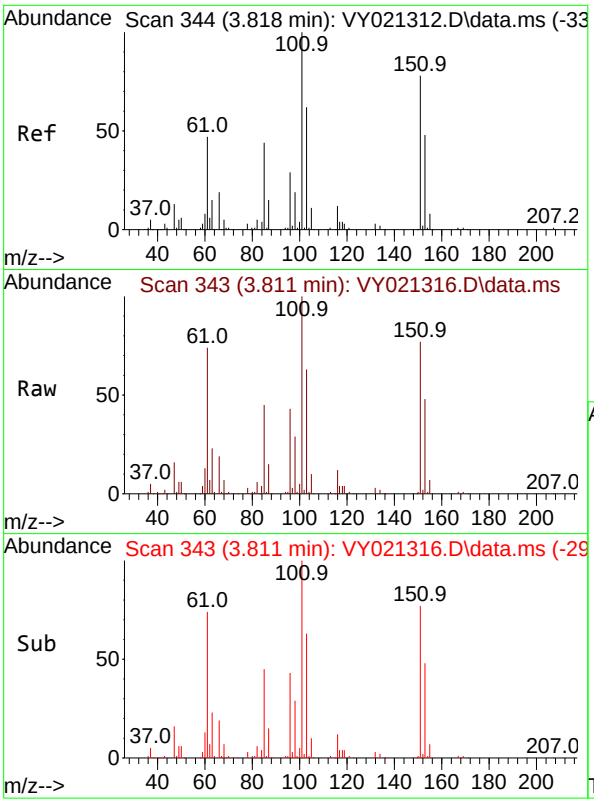


#8
Diethyl Ether
Concen: 96.637 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 74 Resp: 100381

Ion	Ratio	Lower	Upper
74	100		
45	104.0	50.3	150.9



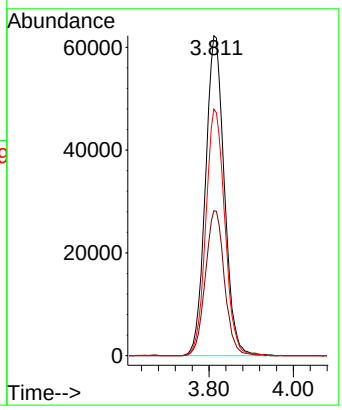


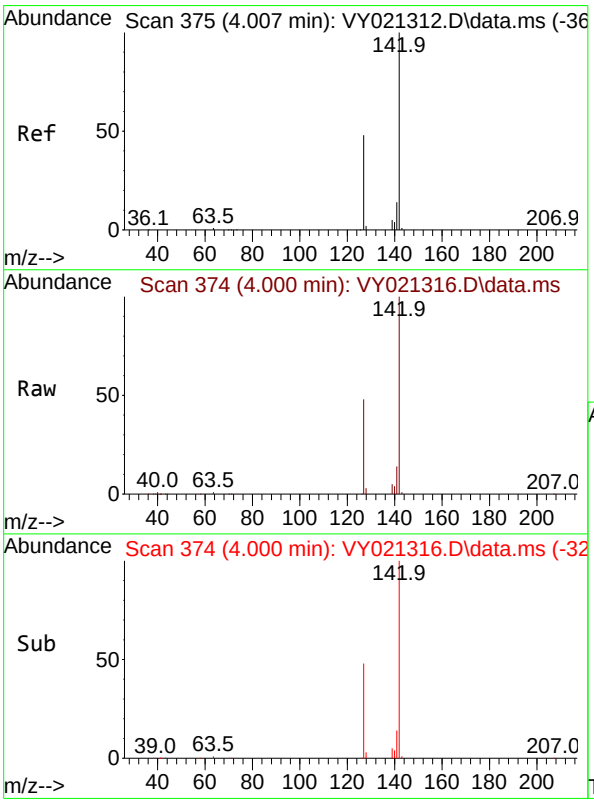
#9
1,1,2-Trichlorotrifluoroethane
Concen: 96.593 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 193544

Ion	Ratio	Lower	Upper
101	100		
85	45.8	36.7	55.1
151	77.3	62.6	94.0

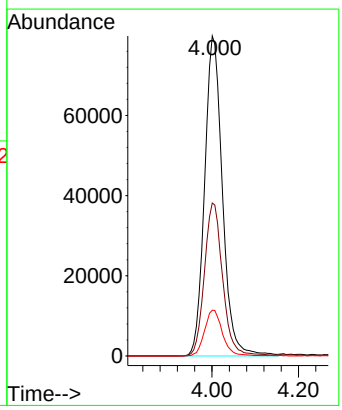


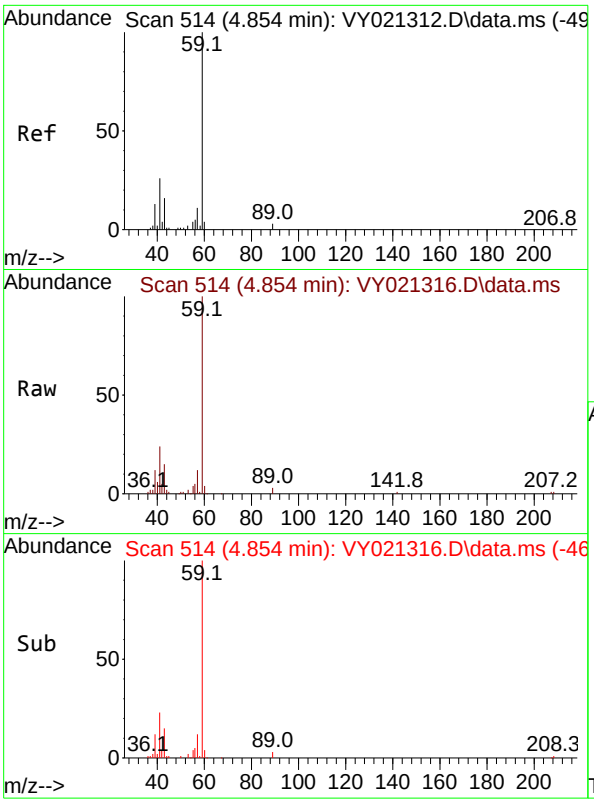


#10
Methyl Iodide
Concen: 108.503 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:142 Resp: 228728

Ion	Ratio	Lower	Upper
142	100		
127	48.8	39.2	58.8
141	14.3	11.4	17.2



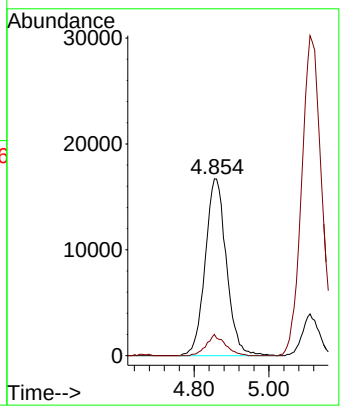


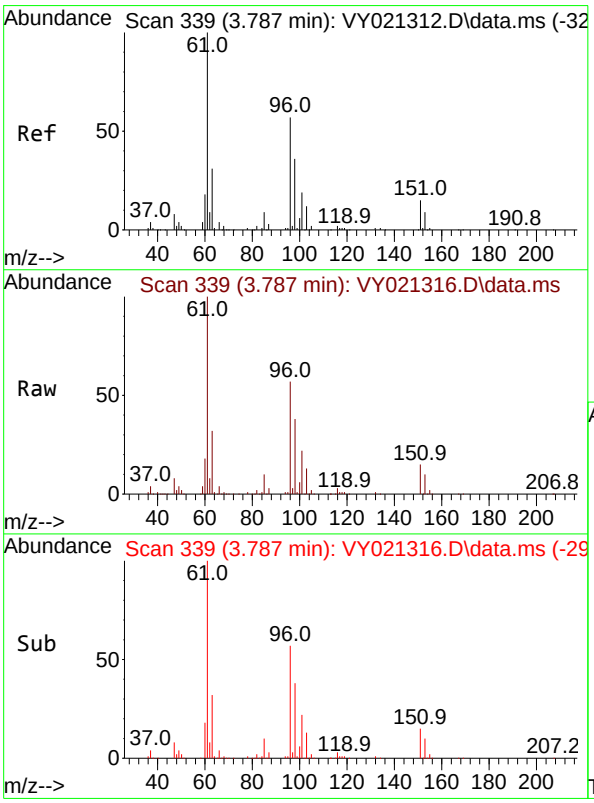
#11
Tert butyl alcohol
Concen: 395.134 ug/l
RT: 4.854 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 65742

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.3	12.5

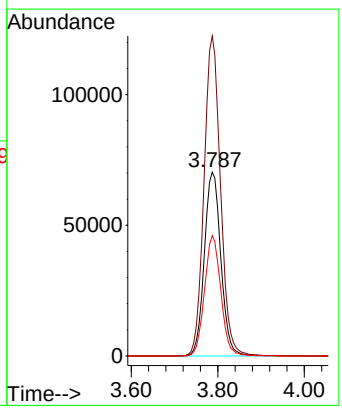


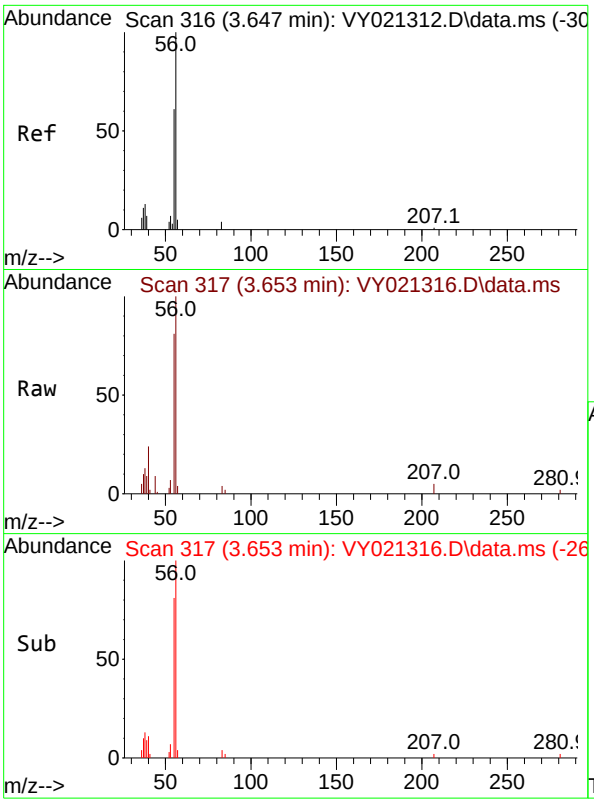


#12
1,1-Dichloroethene
Concen: 97.304 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 96 Resp: 186684

Ion	Ratio	Lower	Upper
96	100		
61	174.1	139.7	209.5
98	65.5	49.7	74.5



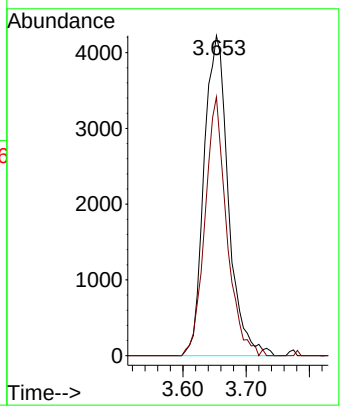


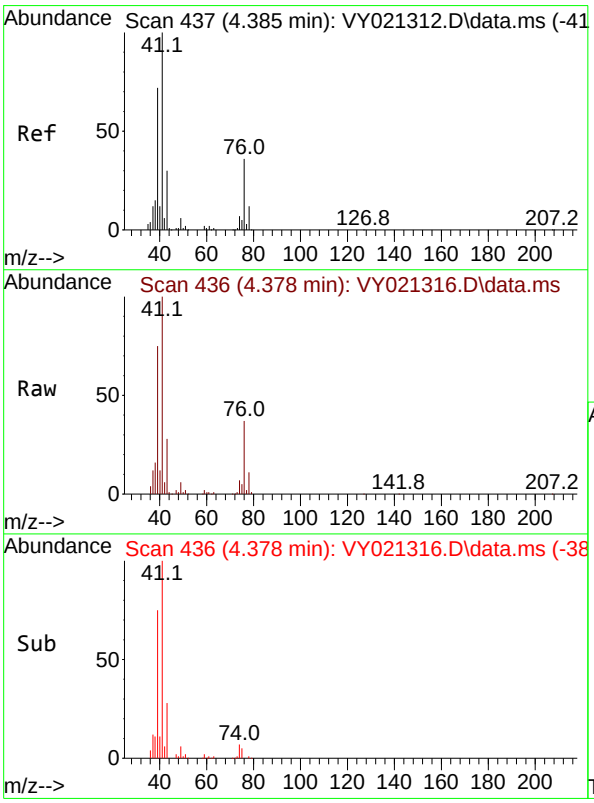
#13
Acrolein
Concen: 88.370 ug/l
RT: 3.653 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 11267

Ion	Ratio	Lower	Upper
56	100		
55	72.5	59.0	88.6

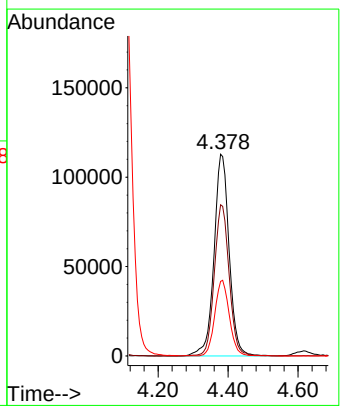


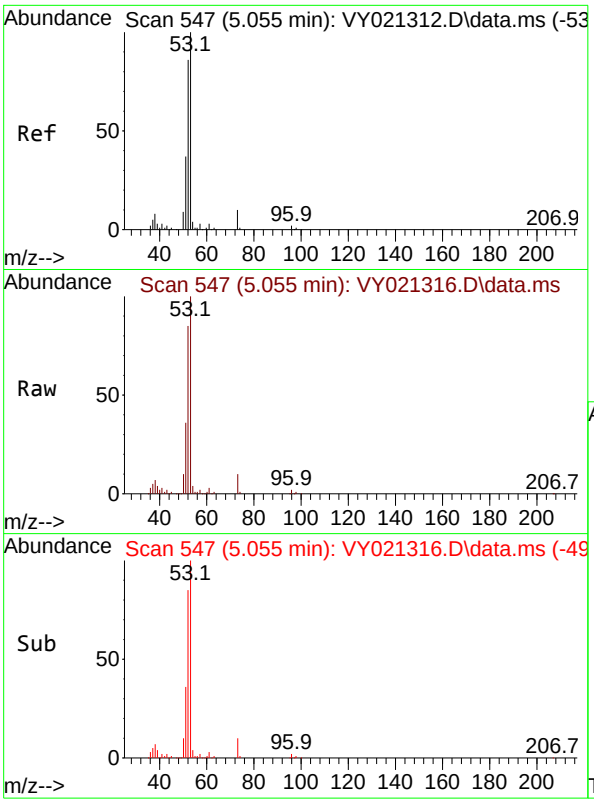


#14
Allyl chloride
Concen: 99.720 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 41 Resp: 339203

Ion	Ratio	Lower	Upper
41	100		
39	73.6	60.0	90.0
76	36.1	29.0	43.6



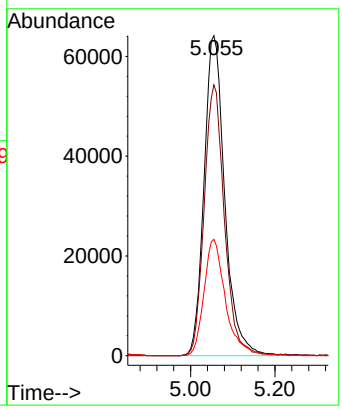


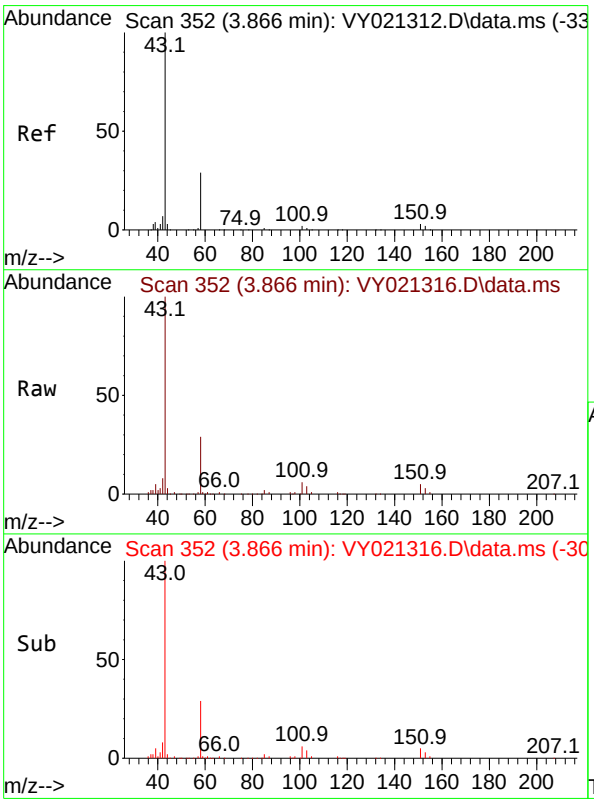
#15
Acrylonitrile
Concen: 477.449 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 53 Resp: 219275

Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.5	98.3
51	37.9	30.6	46.0

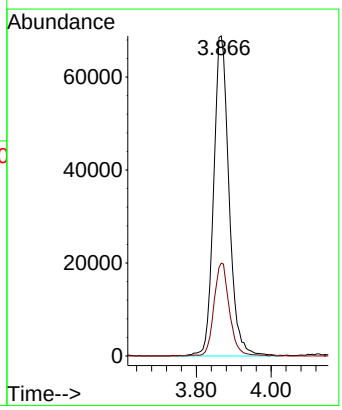


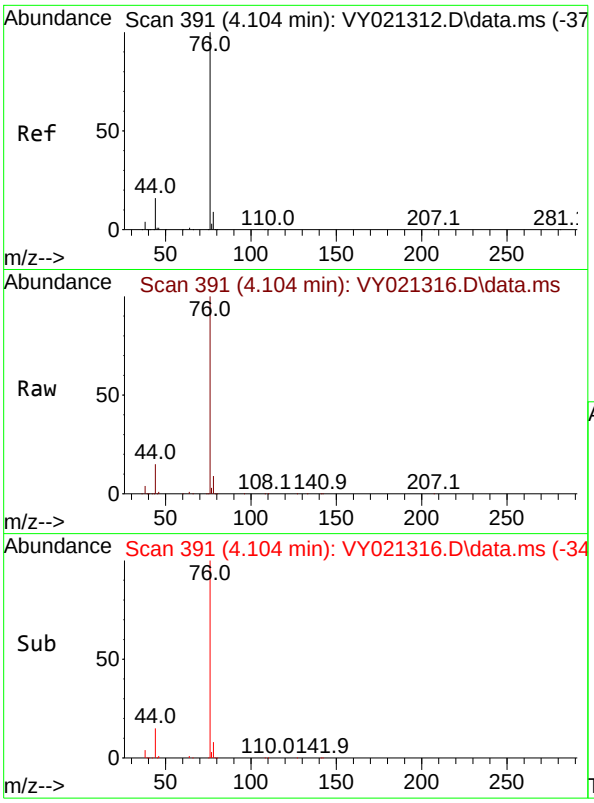


#16
Acetone
Concen: 473.421 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 43 Resp: 196435

Ion	Ratio	Lower	Upper
43	100		
58	29.0	23.5	35.3



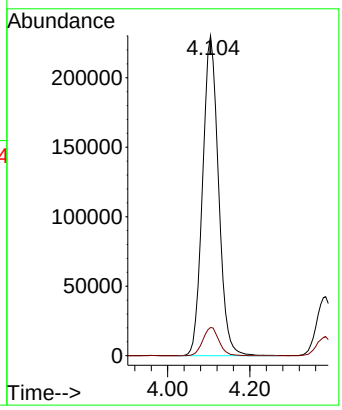


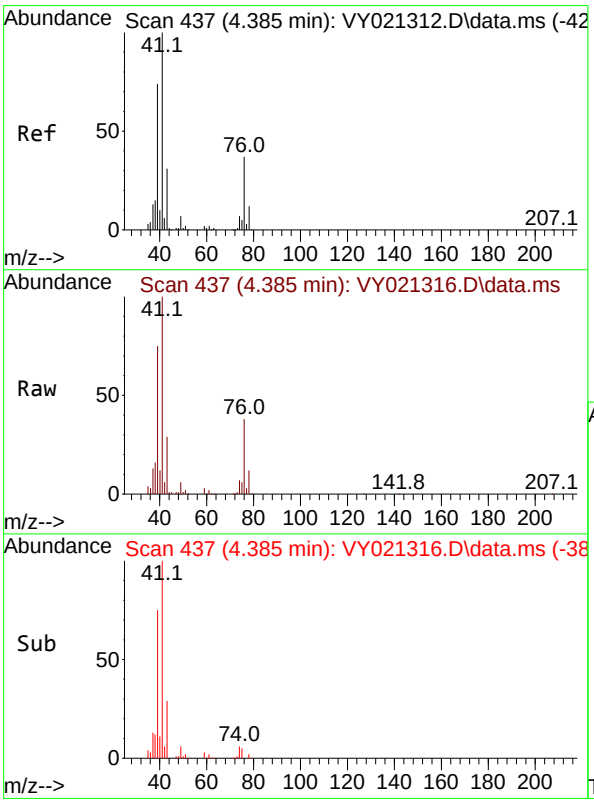
#17
Carbon Disulfide
Concen: 96.953 ug/l
RT: 4.104 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 617661

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.1	10.7

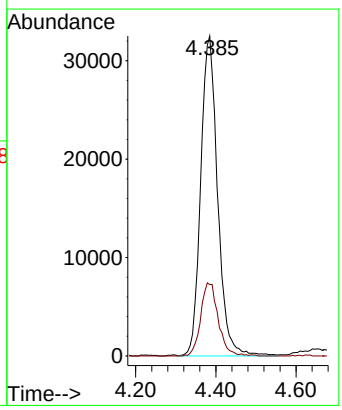


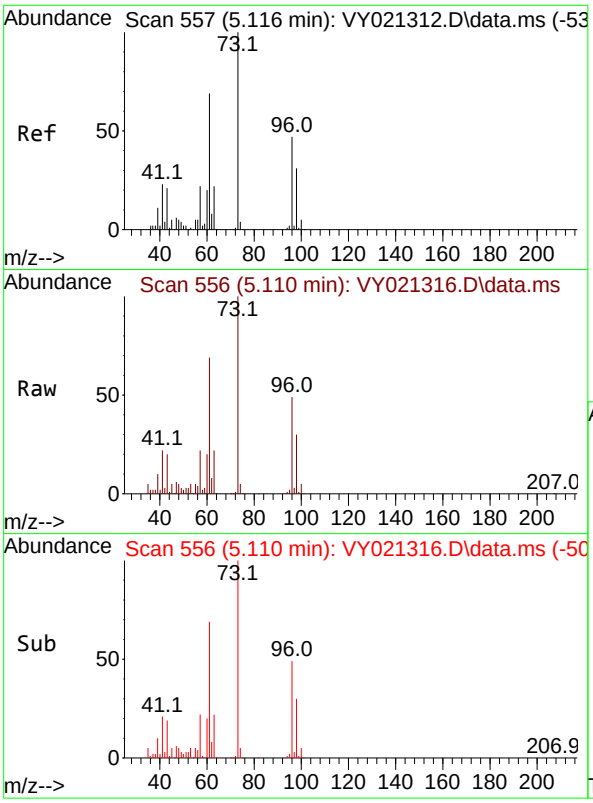


#18
Methyl Acetate
Concen: 94.085 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 43 Resp: 95405

Ion	Ratio	Lower	Upper
43	100		
74	23.5	17.7	26.5



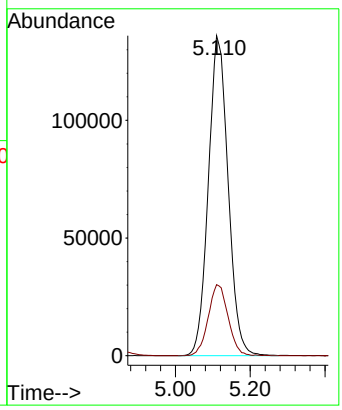


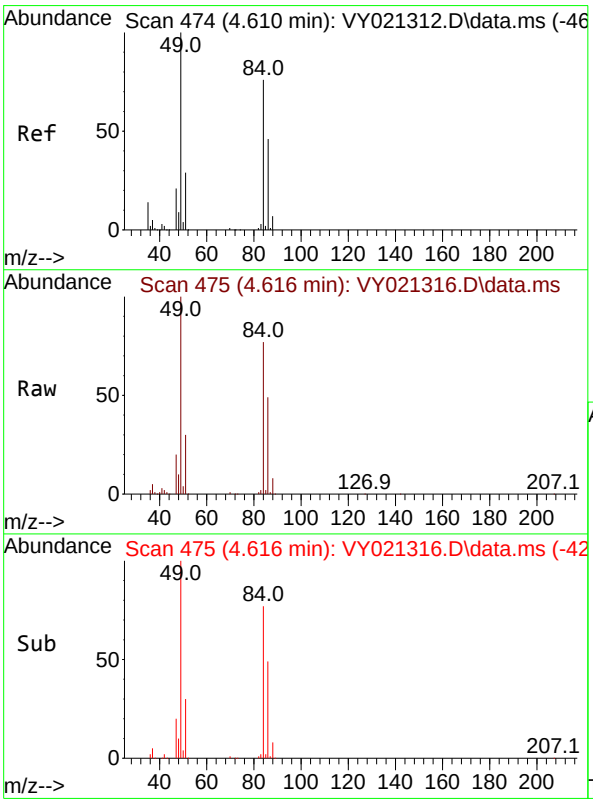
#19
Methyl tert-butyl Ether
Concen: 98.337 ug/l
RT: 5.110 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 498467

Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.4	26.0

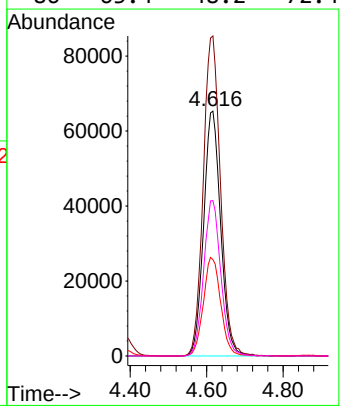


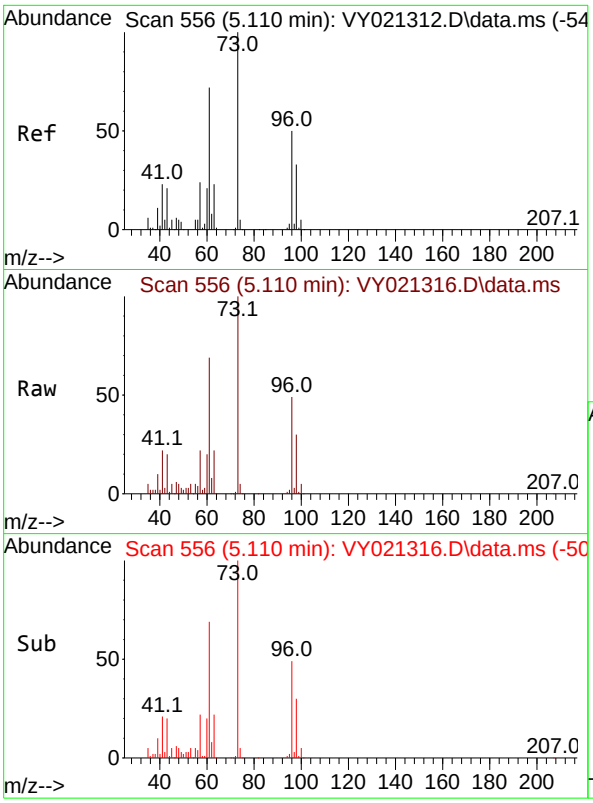


#20
Methylene Chloride
Concen: 89.894 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 84 Resp: 201698

Ion	Ratio	Lower	Upper
84	100		
49	130.7	105.1	157.7
51	39.3	31.0	46.4
86	63.4	48.2	72.4



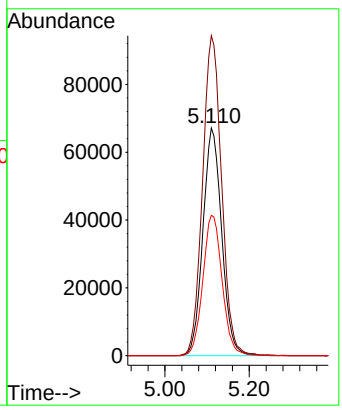


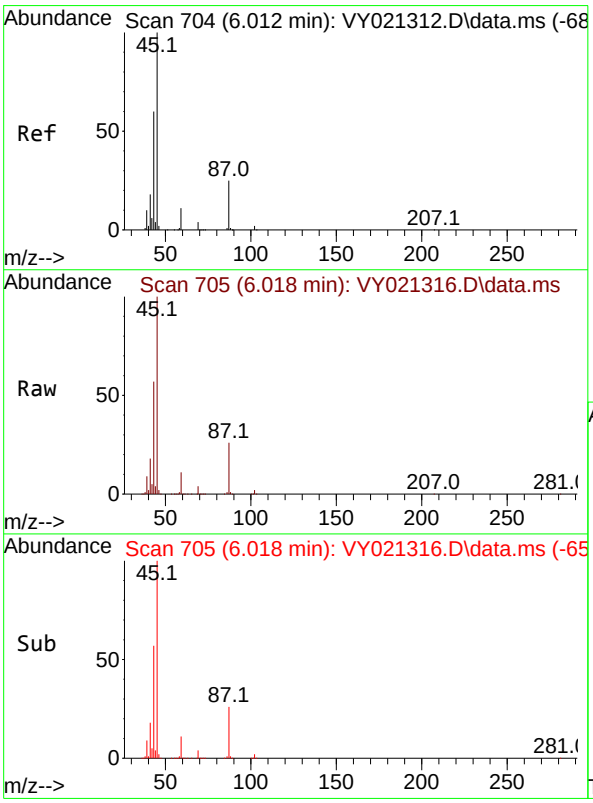
#21
trans-1,2-Dichloroethene
Concen: 98.718 ug/l
RT: 5.110 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 208498

Ion	Ratio	Lower	Upper
96	100		
61	140.5	116.3	174.5
98	61.7	52.6	78.8

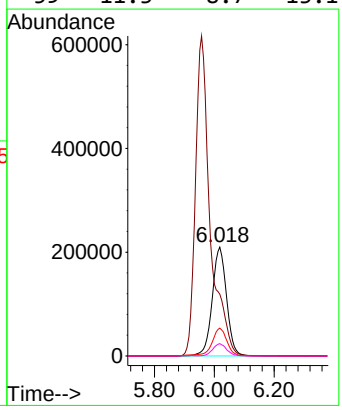


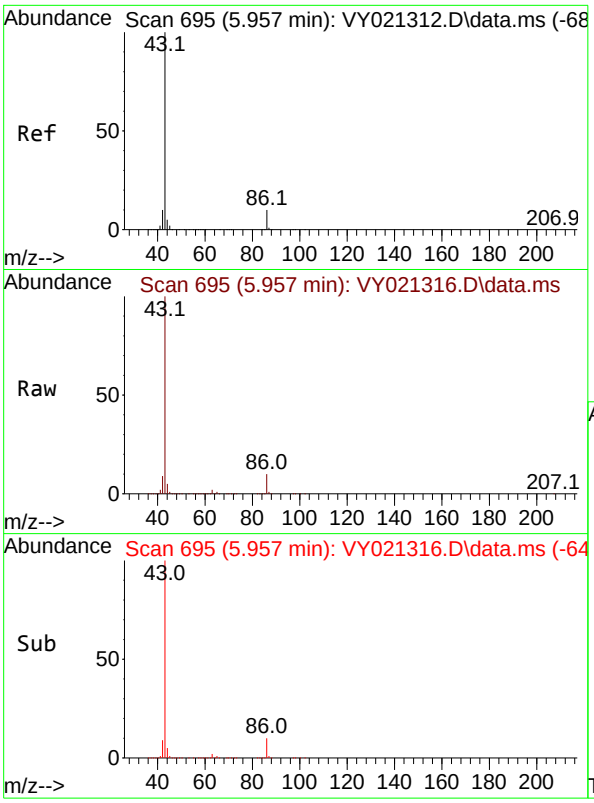


#22
Diisopropyl ether
Concen: 99.061 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 45 Resp: 697290

Ion	Ratio	Lower	Upper
45	100		
43	56.7	48.2	72.4
87	25.6	20.3	30.5
59	11.3	8.7	13.1



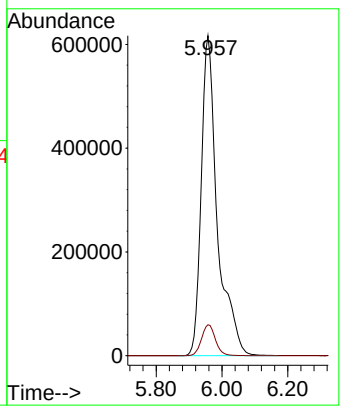


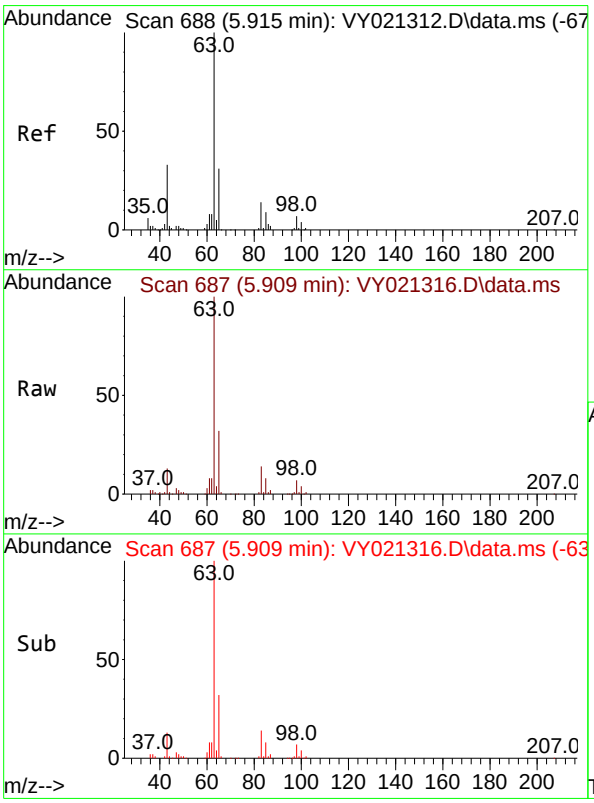
#23
Vinyl Acetate
Concen: 500.017 ug/l
RT: 5.957 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 2103219

Ion	Ratio	Lower	Upper
43	100		
86	9.6	8.0	12.0

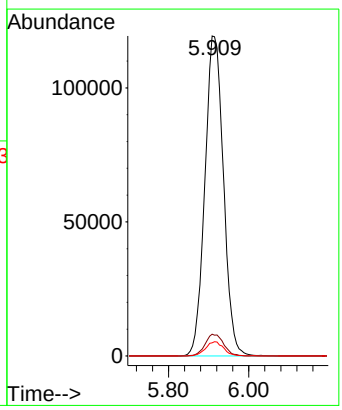


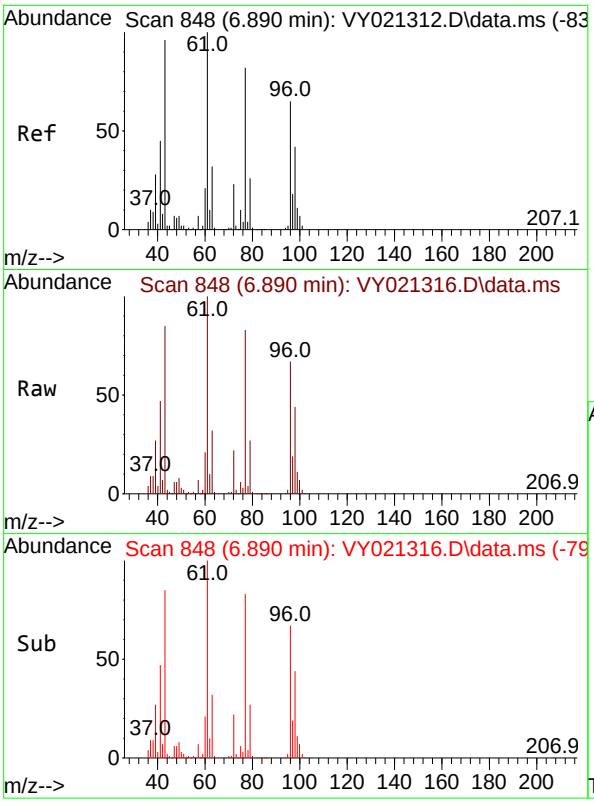


#24
1,1-Dichloroethane
Concen: 96.798 ug/l
RT: 5.909 min Scan# 687
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 63 Resp: 384030

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.7	11.1
100	4.1	2.1	6.5



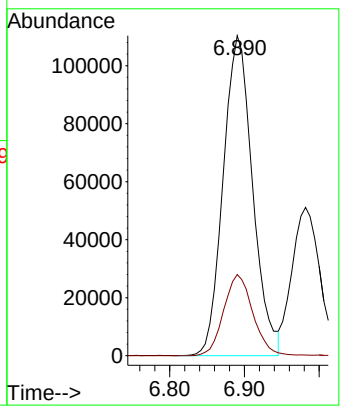


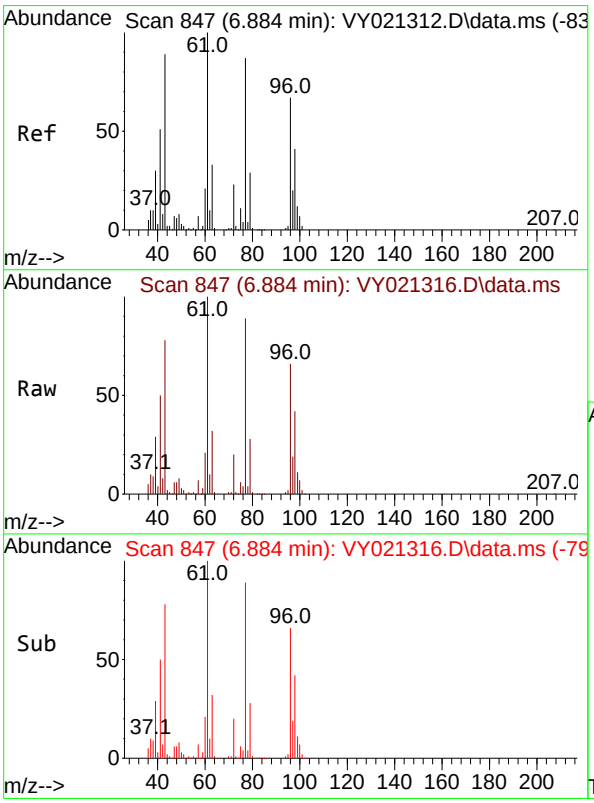
#25
2-Butanone
Concen: 483.977 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 303077

Ion	Ratio	Lower	Upper
43	100		
72	25.3	19.0	28.6

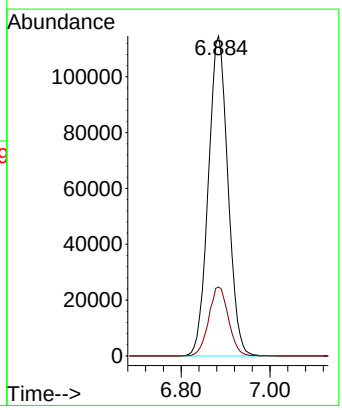


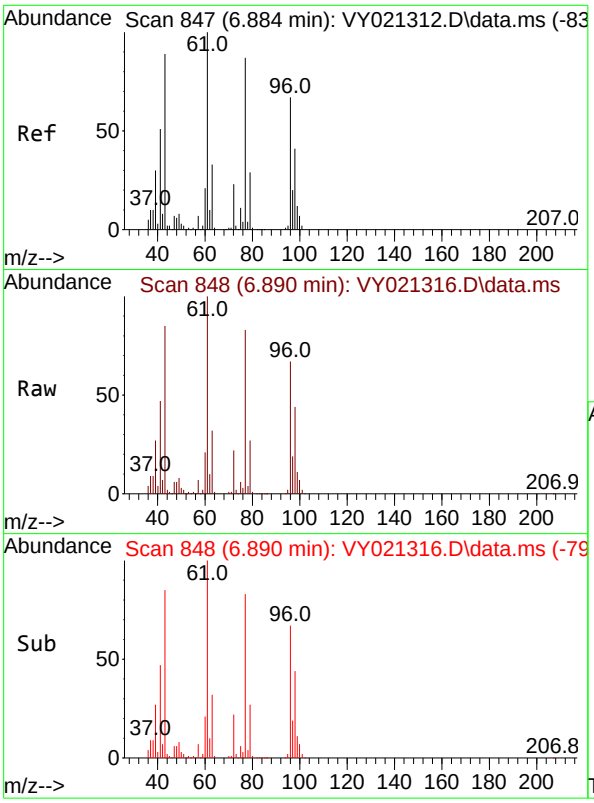


#26
2,2-Dichloropropane
Concen: 97.467 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 77 Resp: 350870

Ion	Ratio	Lower	Upper
77	100		
97	21.7	10.9	32.7



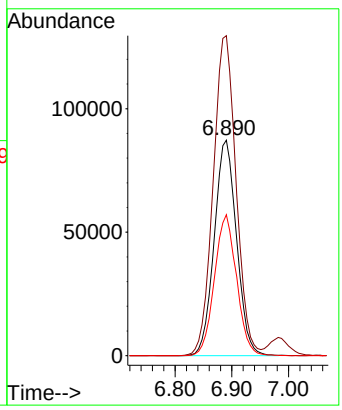


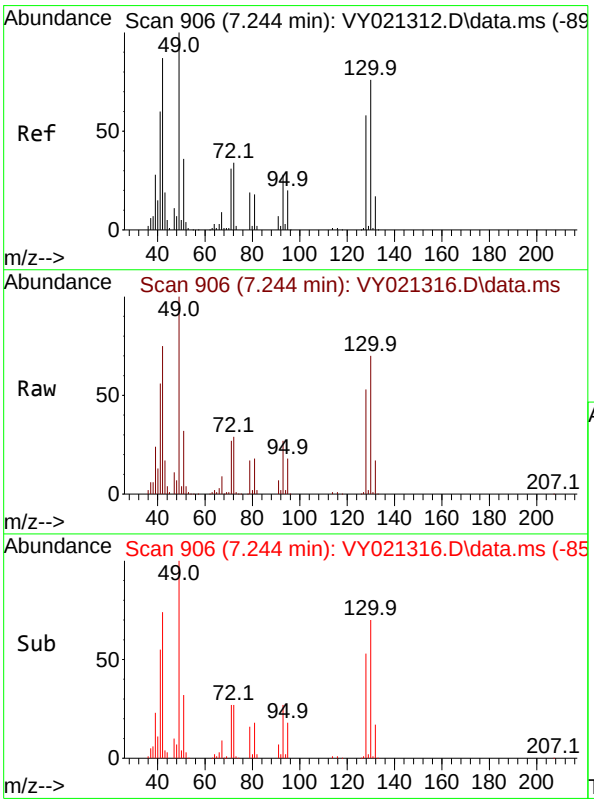
#27
cis-1,2-Dichloroethene
Concen: 99.061 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 238916

Ion	Ratio	Lower	Upper
96	100		
61	152.3	0.0	308.0
98	64.8	0.0	129.6

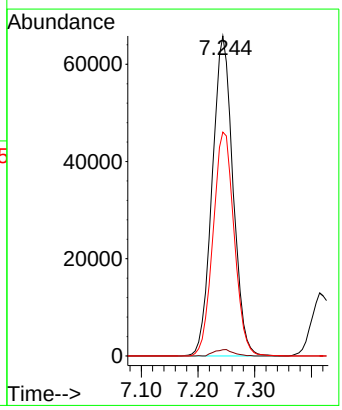


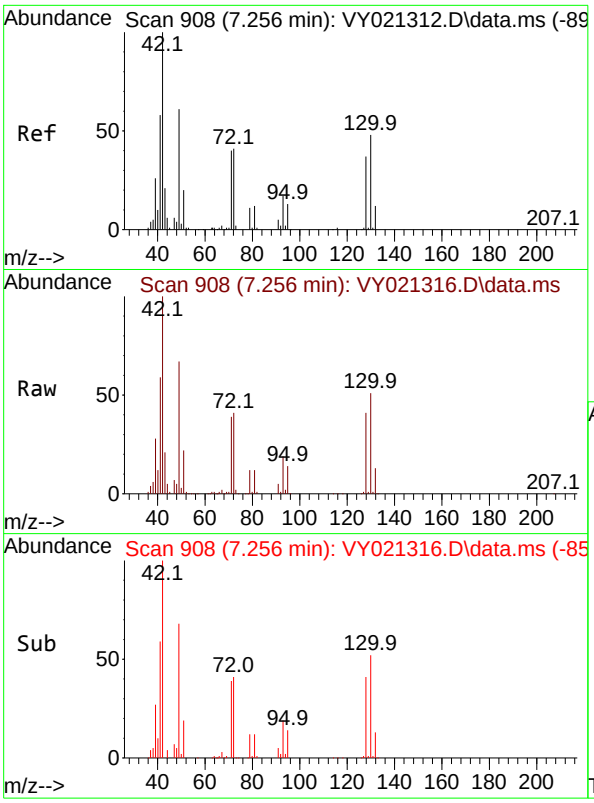


#28
Bromochloromethane
Concen: 95.287 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 49 Resp: 167271

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	71.2	57.8	86.6



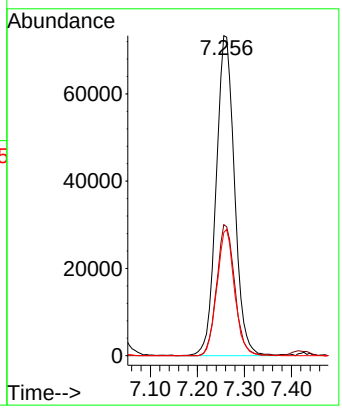


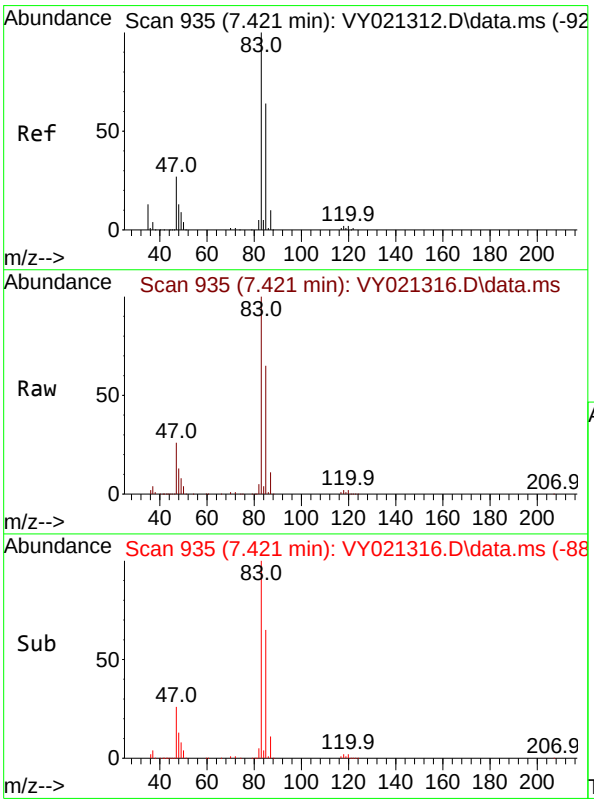
#29
Tetrahydrofuran
Concen: 486.299 ug/l
RT: 7.256 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 42 Resp: 199056

Ion	Ratio	Lower	Upper
42	100		
72	40.3	33.1	49.7
71	37.9	31.4	47.0

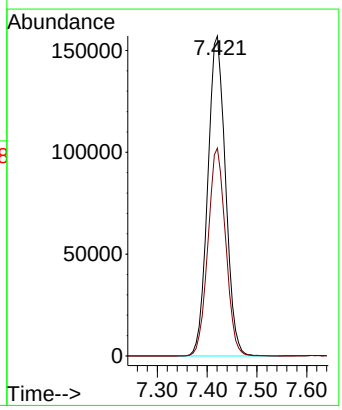


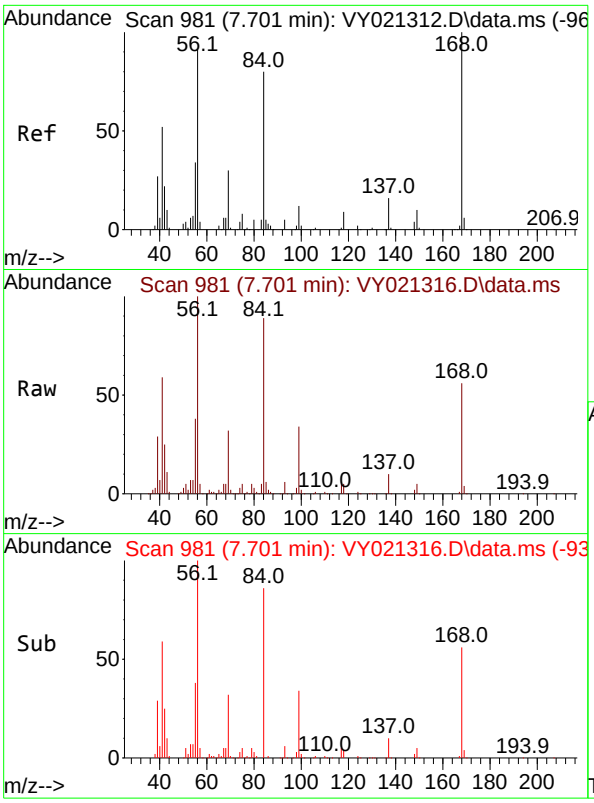


#30
Chloroform
Concen: 96.458 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 83 Resp: 387767

Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.6	77.4



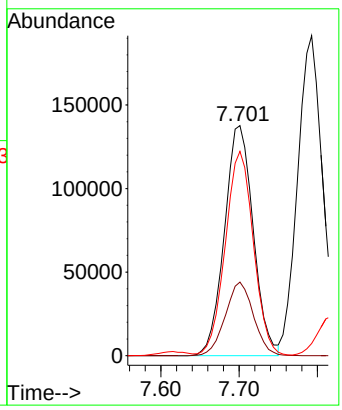


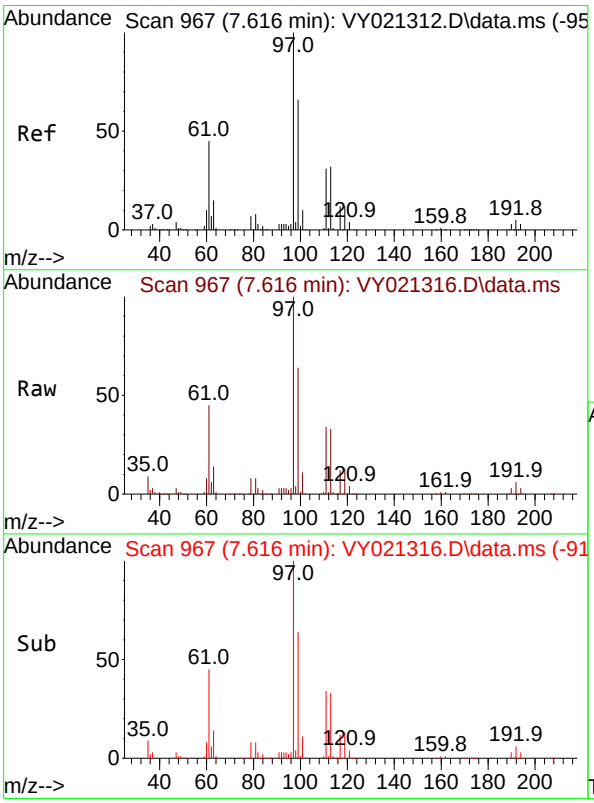
#31
Cyclohexane
Concen: 92.269 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 351876

Ion	Ratio	Lower	Upper
56	100		
69	32.0	26.2	39.4
84	87.4	70.2	105.4

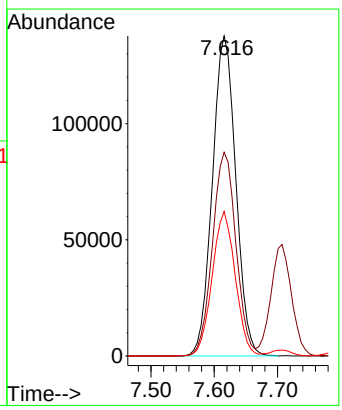


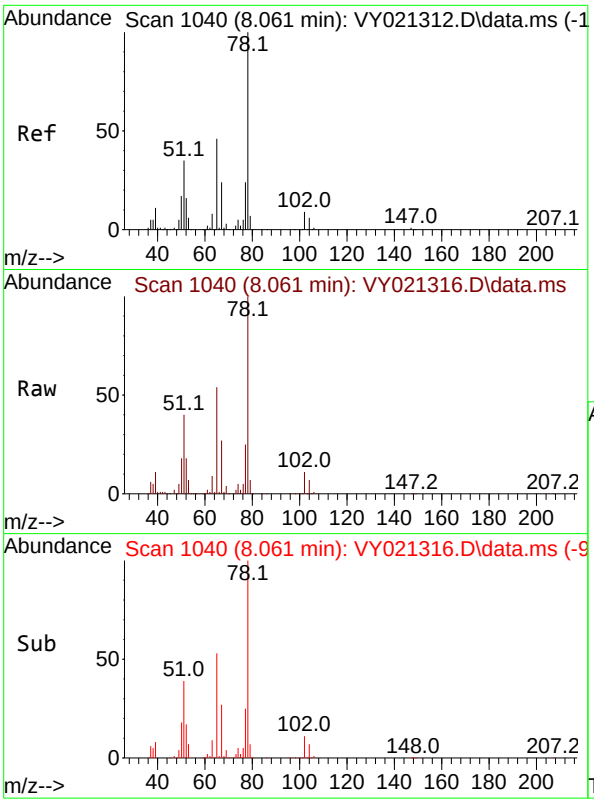


#32
1,1,1-Trichloroethane
Concen: 96.663 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 97 Resp: 353701

Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.4	78.6
61	44.5	36.2	54.2



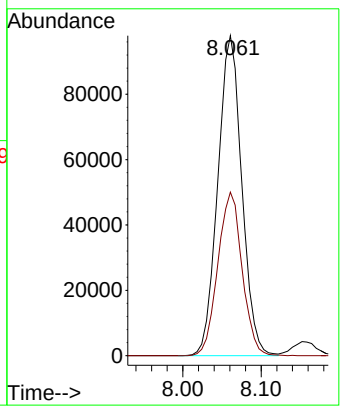


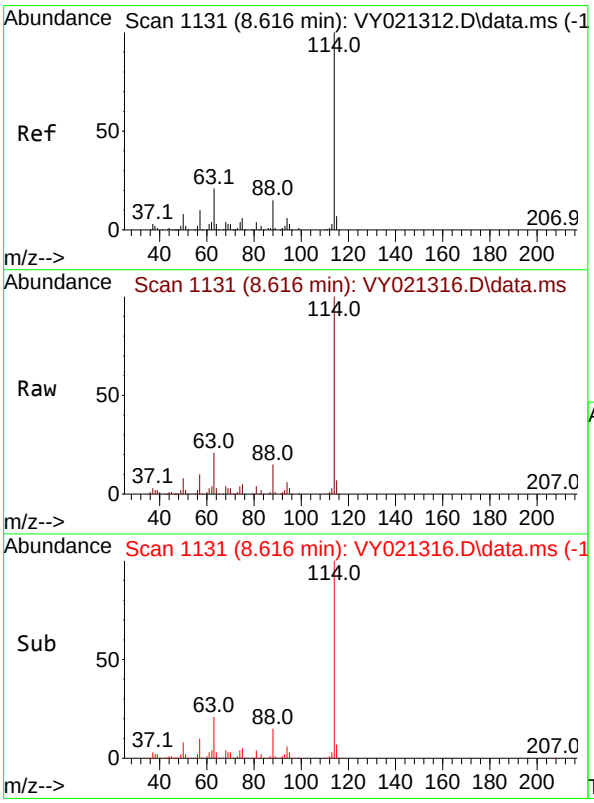
#33
1,2-Dichloroethane-d4
Concen: 96.407 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 65 Resp: 208535

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.6

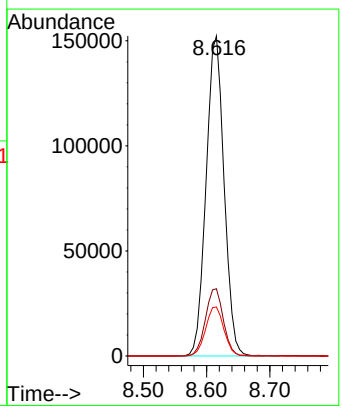


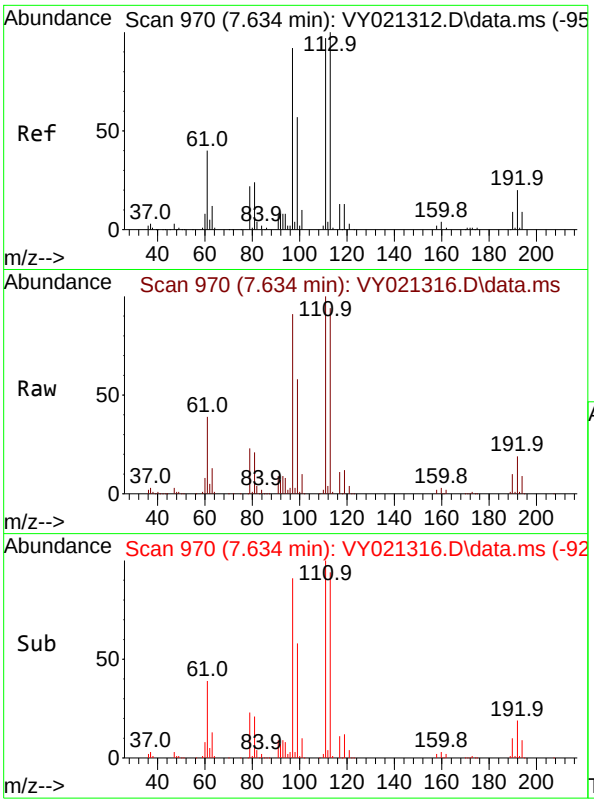


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:114 Resp: 300486

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	42.2
88	15.3	0.0	29.8



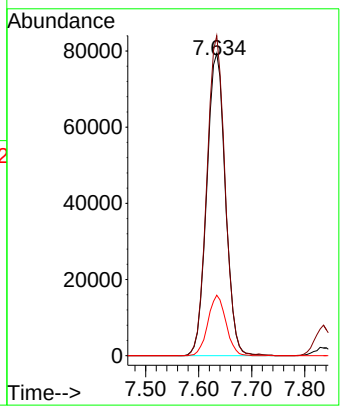


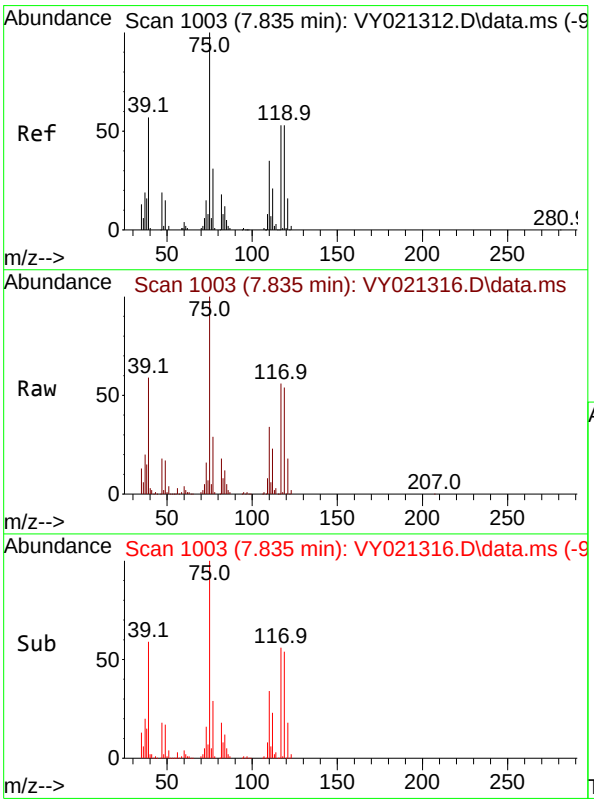
#35
Dibromofluoromethane
Concen: 98.377 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:113 Resp: 193803

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.0	121.6
192	19.4	15.8	23.8

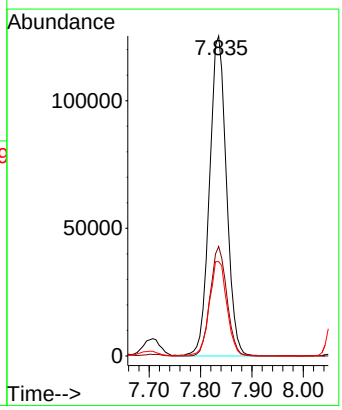


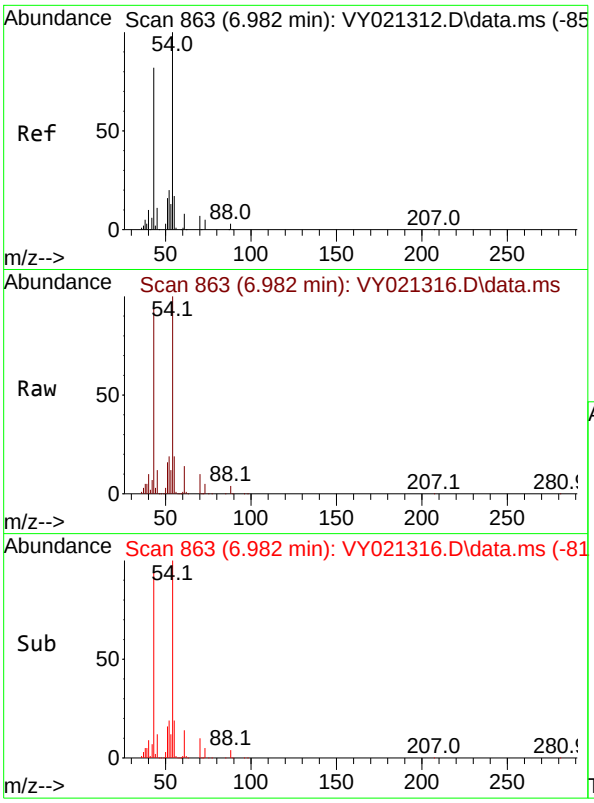


#36
1,1-Dichloropropene
Concen: 97.146 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 75 Resp: 287472

Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.9	50.7
77	30.5	24.6	36.8



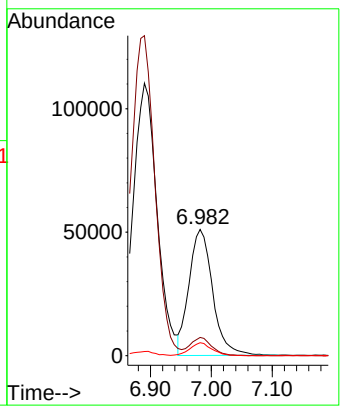


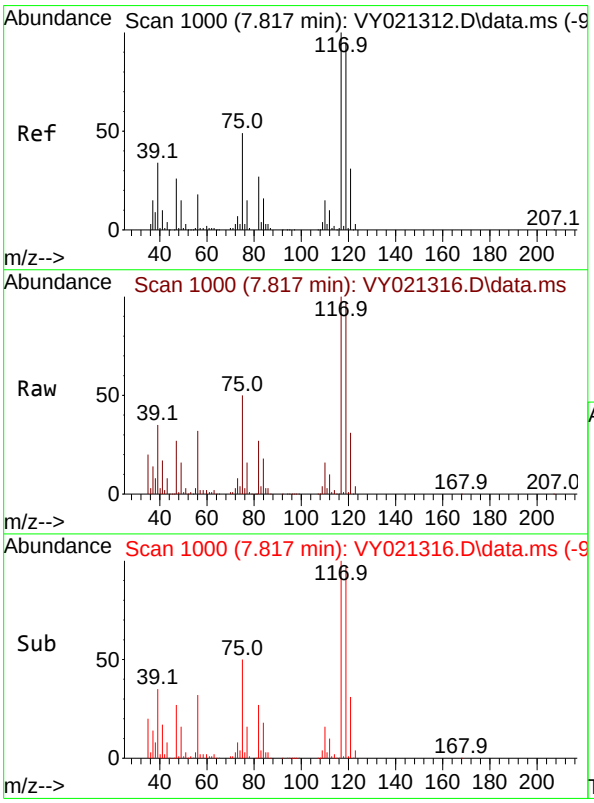
#37
Ethyl Acetate
Concen: 93.230 ug/l
RT: 6.982 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 137233

Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.4	15.6
70	9.5	7.5	11.3

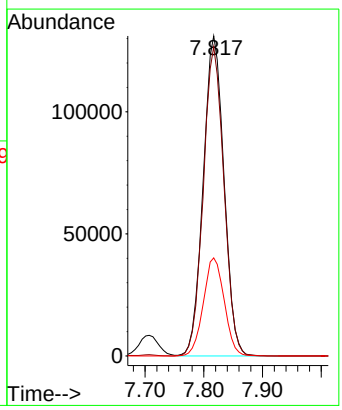


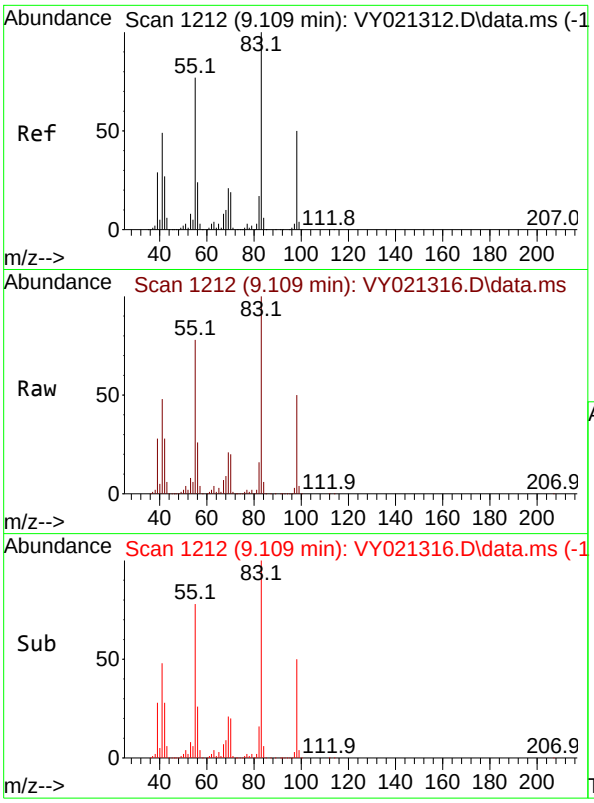


#38
Carbon Tetrachloride
Concen: 96.663 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:117 Resp: 321576

Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.0	114.0
121	30.7	24.9	37.3



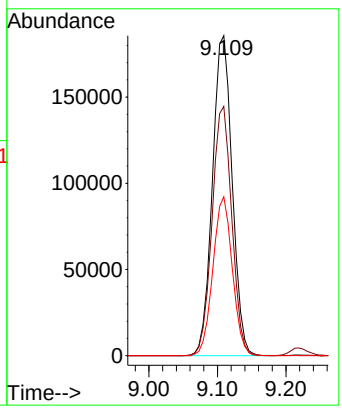


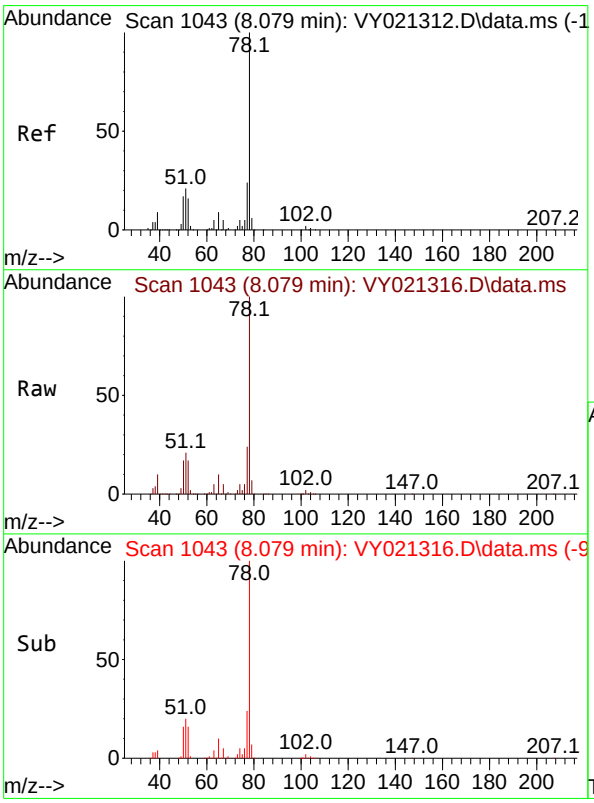
#39
Methylcyclohexane
Concen: 99.169 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 371172

Ion	Ratio	Lower	Upper
83	100		
55	77.9	61.3	91.9
98	49.6	39.9	59.9

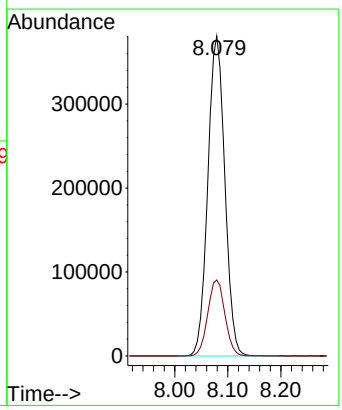


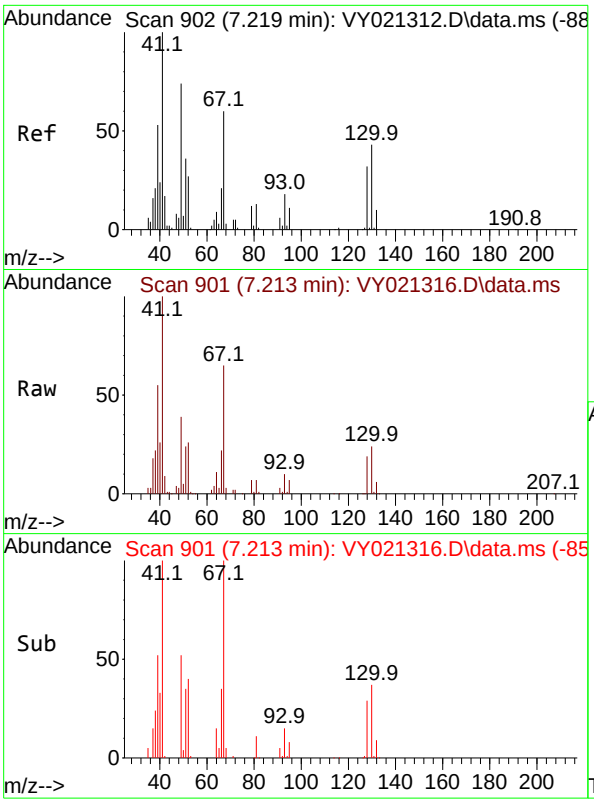


#40
Benzene
Concen: 96.835 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 78 Resp: 847066

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.2	28.8



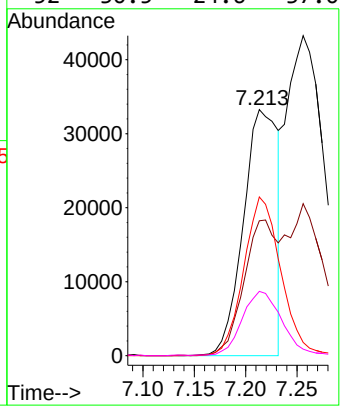


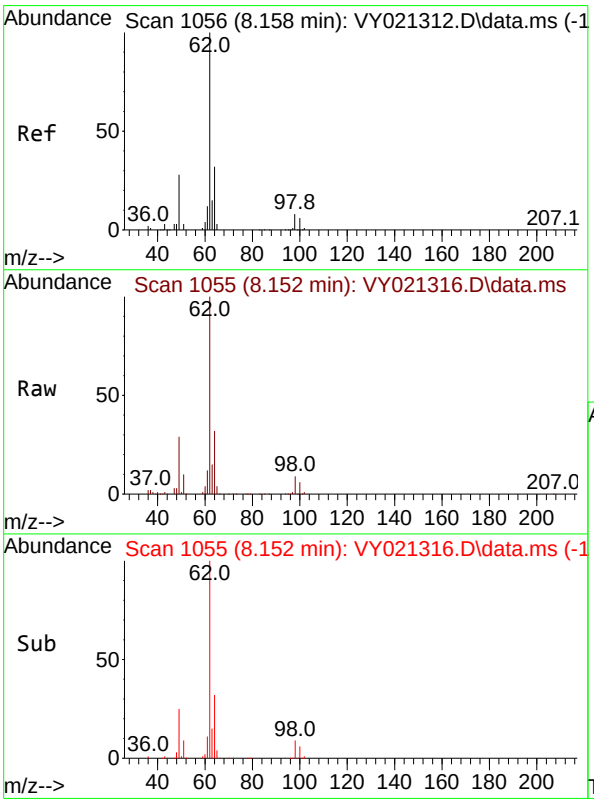
#41
Methacrylonitrile
Concen: 94.219 ug/l
RT: 7.213 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 77542

Ion	Ratio	Lower	Upper
41	100		
39	53.2	42.3	63.5
67	69.9	54.8	82.2
52	30.5	24.6	37.0

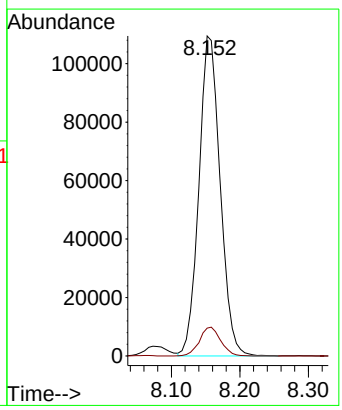


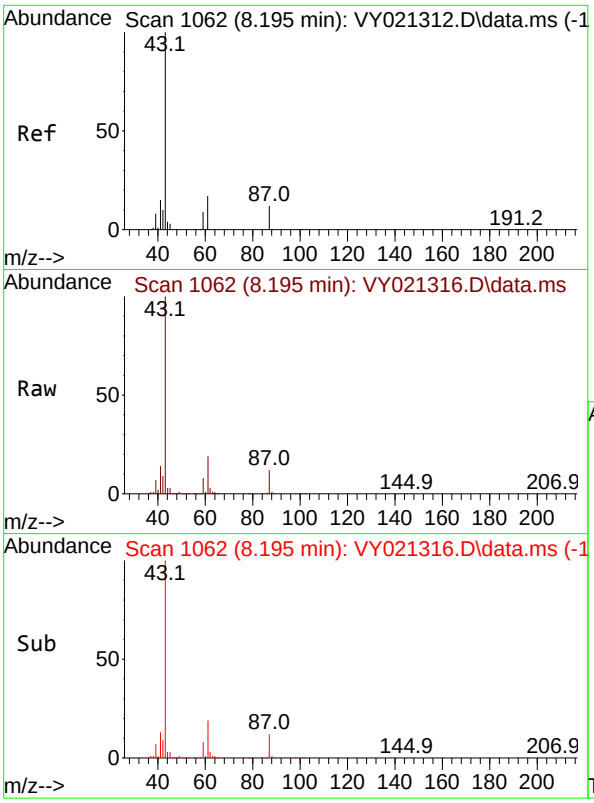


#42
1,2-Dichloroethane
Concen: 95.375 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 62 Resp: 236704

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.6



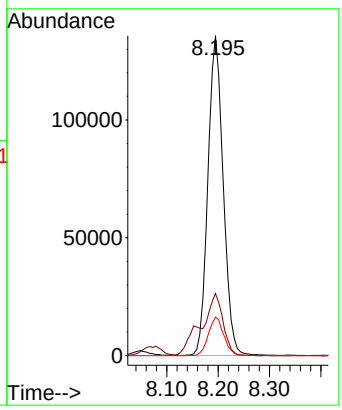


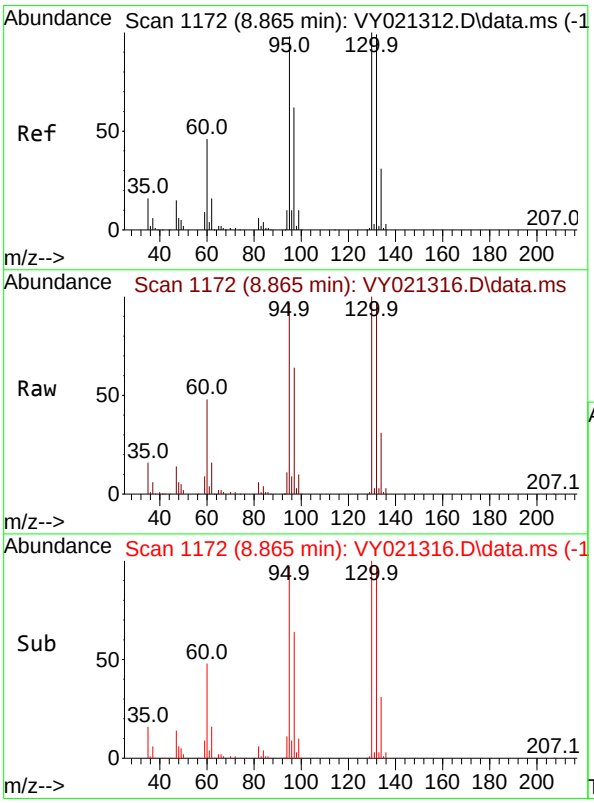
#43
Isopropyl Acetate
Concen: 98.388 ug/l
RT: 8.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 280321

Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.0	22.6
87	12.2	10.0	15.0

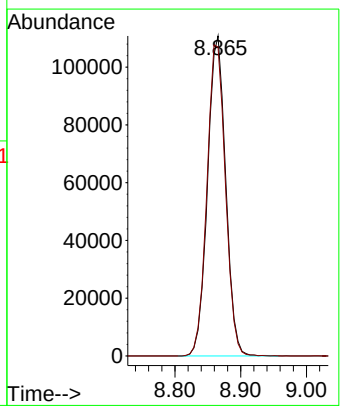


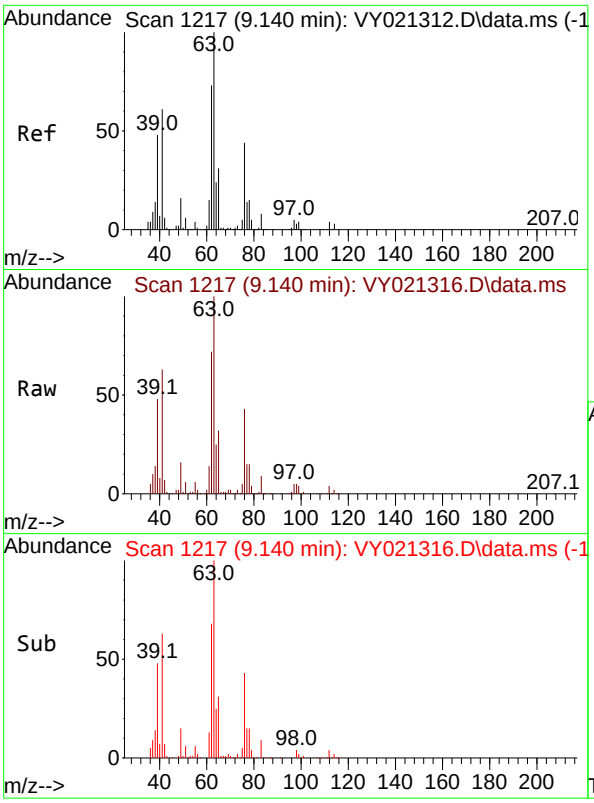


#44
Trichloroethene
Concen: 97.057 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:130 Resp: 212562

Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	196.0



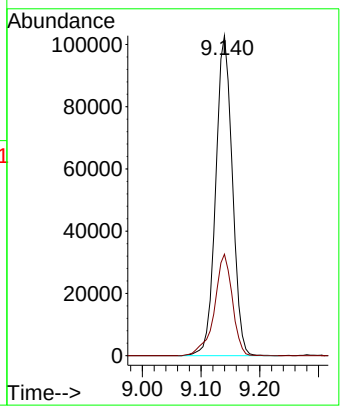


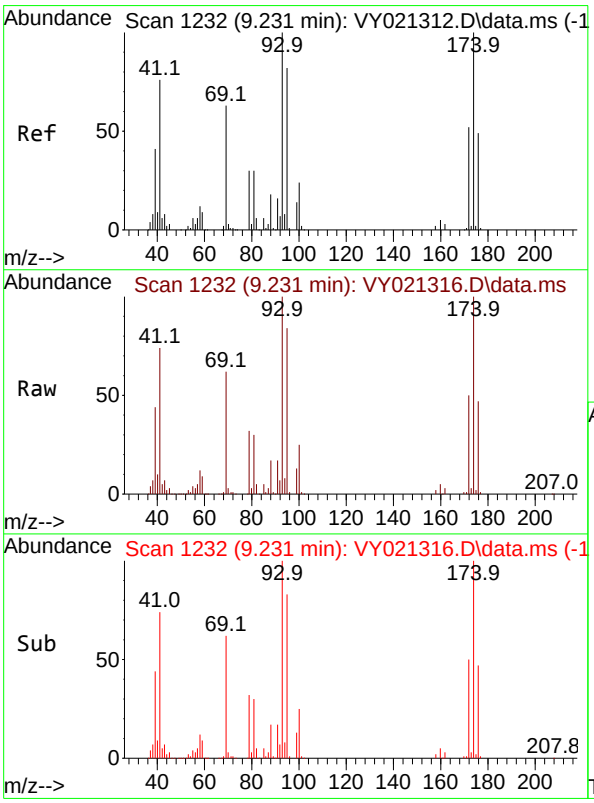
#45
1,2-Dichloropropane
Concen: 95.814 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 201701

Ion	Ratio	Lower	Upper
63	100		
65	31.7	24.6	36.8

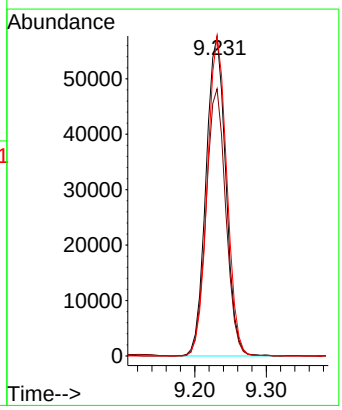


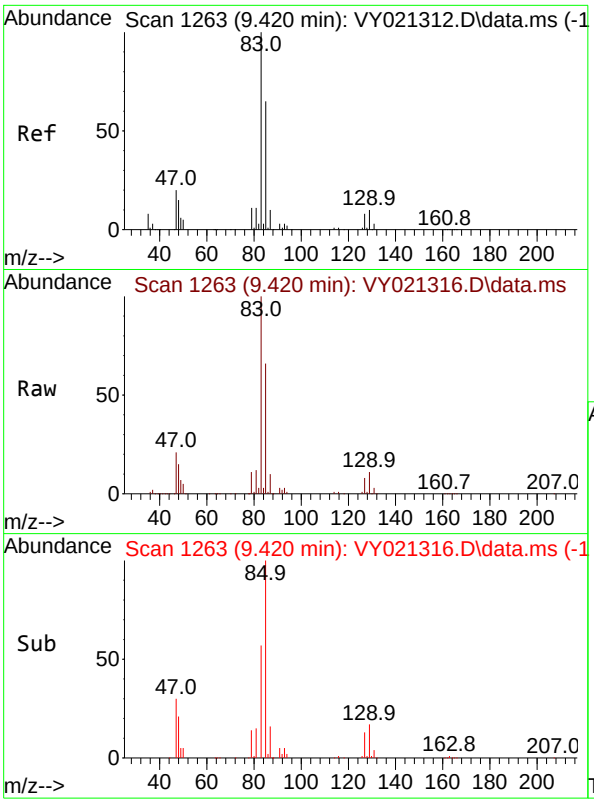


#46
Dibromomethane
Concen: 96.301 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 93 Resp: 110814

Ion	Ratio	Lower	Upper
93	100		
95	83.4	66.4	99.6
174	98.3	78.2	117.2



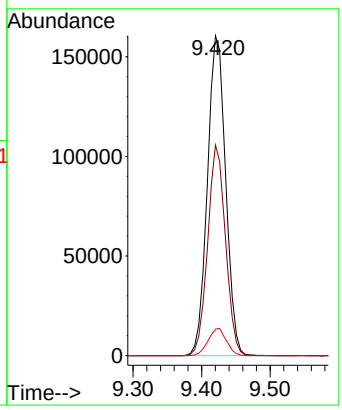


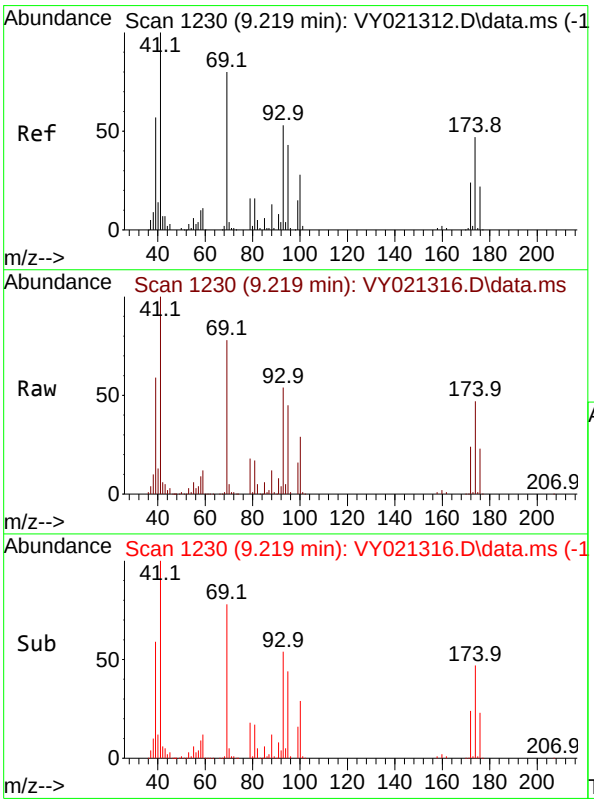
#47
Bromodichloromethane
Concen: 96.904 ug/l
RT: 9.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 297320

Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.8	77.8
127	8.3	6.7	10.1

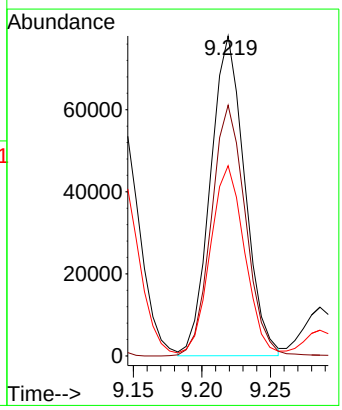


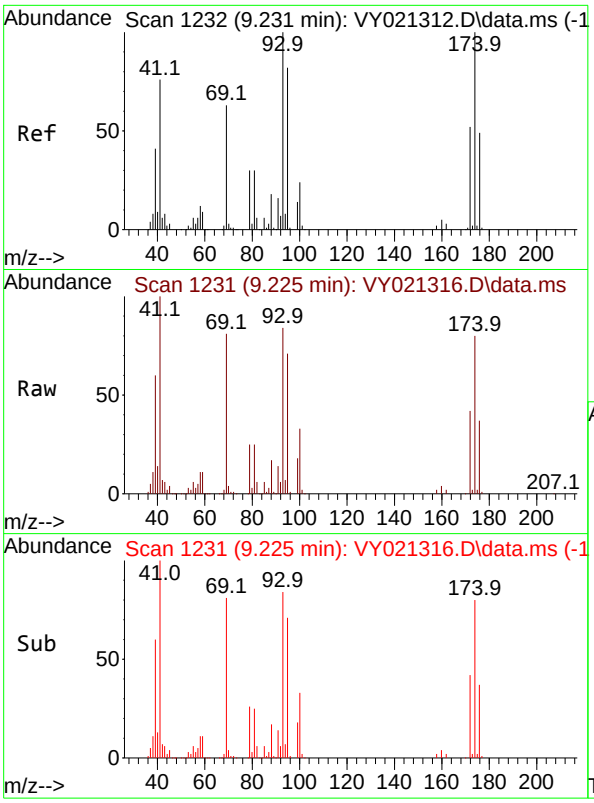


#48
Methyl methacrylate
Concen: 101.635 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 41 Resp: 135412

Ion	Ratio	Lower	Upper
41	100		
69	78.9	63.3	94.9
39	58.0	45.0	67.6



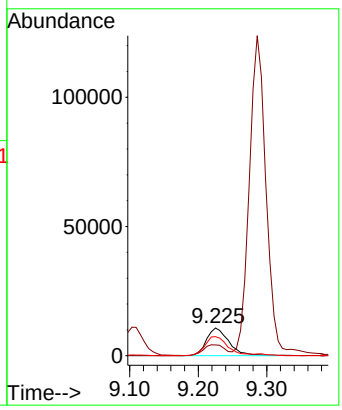


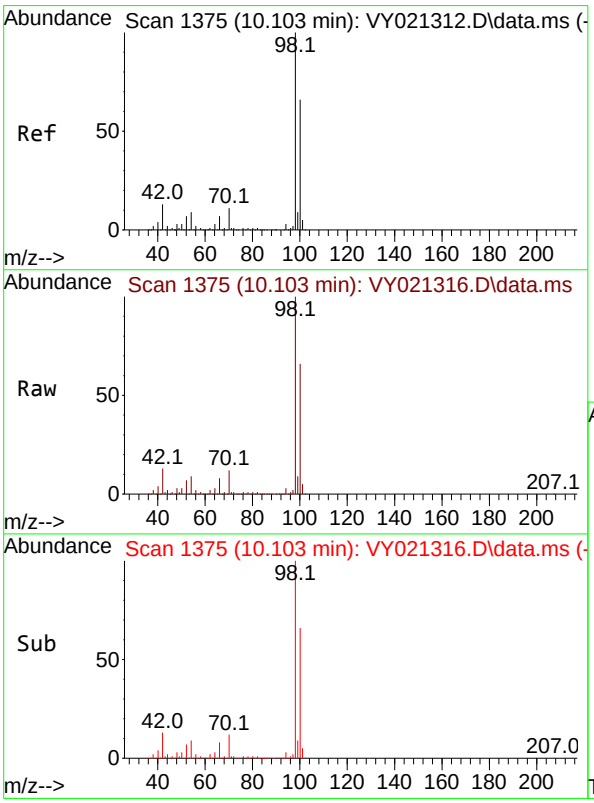
#49
1,4-Dioxane
Concen: 1903.504 ug/l
RT: 9.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 88 Resp: 24355

Ion	Ratio	Lower	Upper
88	100		
43	38.0	34.8	52.2
58	70.4	59.8	89.6

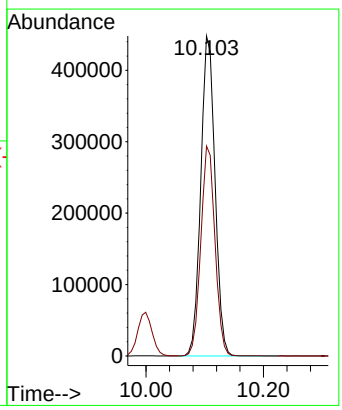


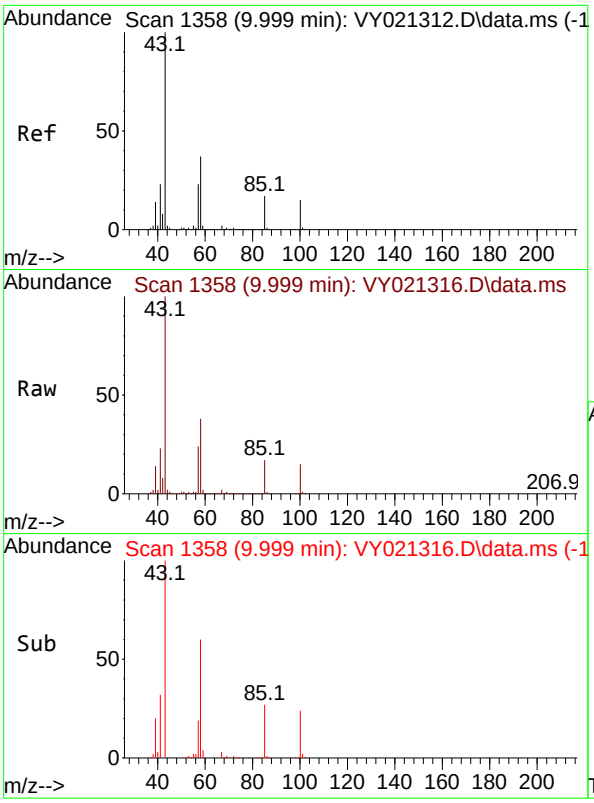


#50
Toluene-d8
Concen: 98.889 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 98 Resp: 752895

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.4	78.6



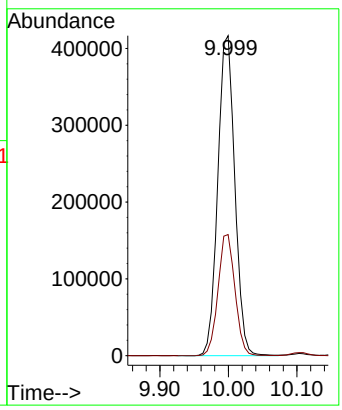


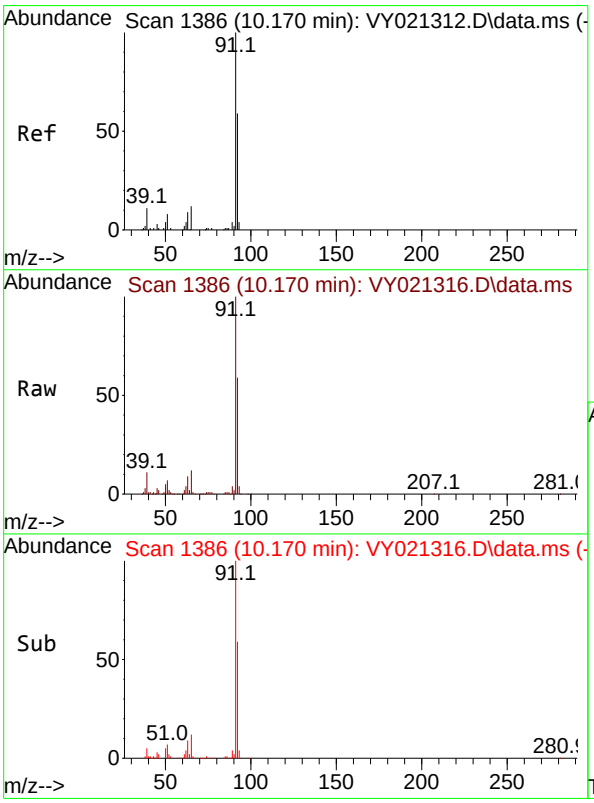
#51
4-Methyl-2-Pentanone
Concen: 490.938 ug/l
RT: 9.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 716009

Ion	Ratio	Lower	Upper
43	100		
58	37.7	30.1	45.1

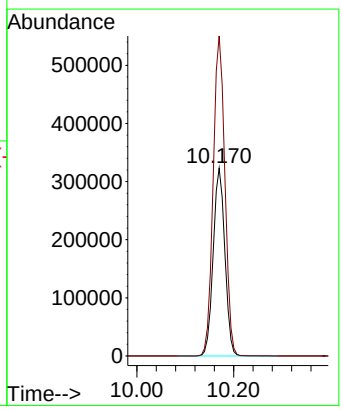


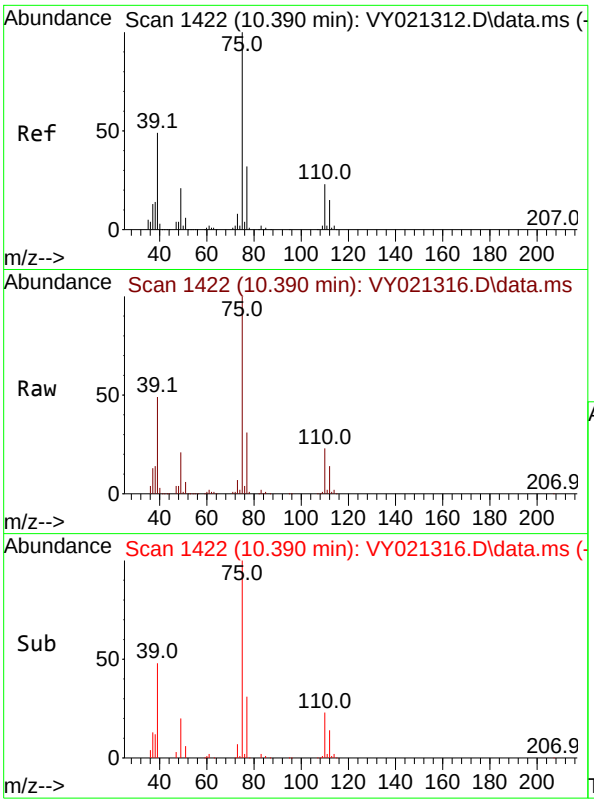


#52
Toluene
Concen: 99.189 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 92 Resp: 539016

Ion	Ratio	Lower	Upper
92	100		
91	171.7	137.8	206.8



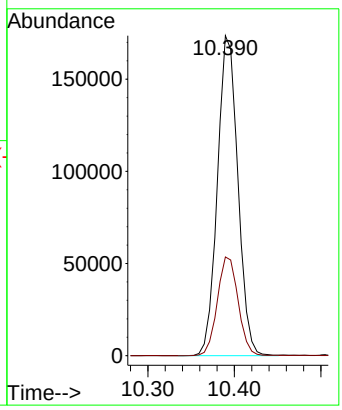


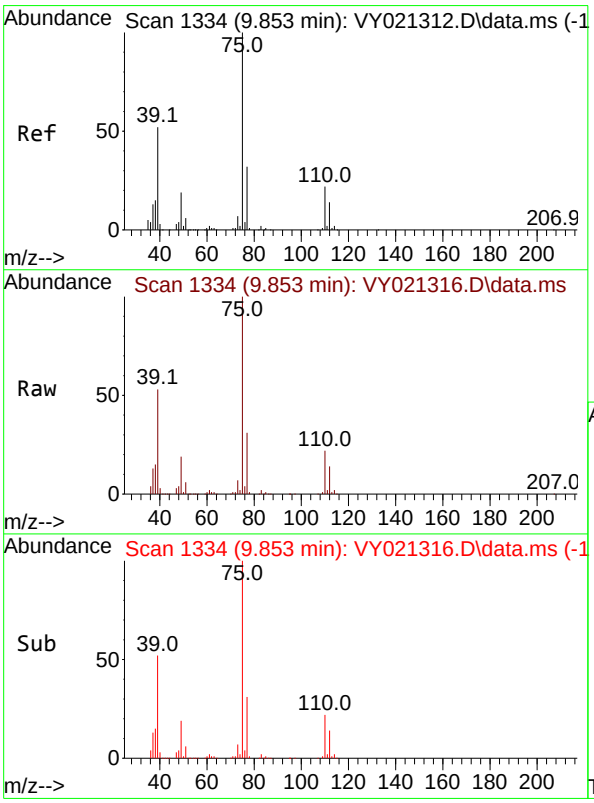
#53
t-1,3-Dichloropropene
Concen: 101.290 ug/l
RT: 10.390 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 284731

Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.3	37.9

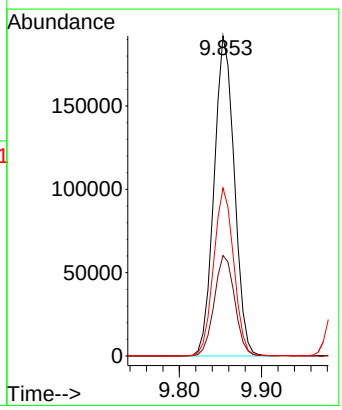


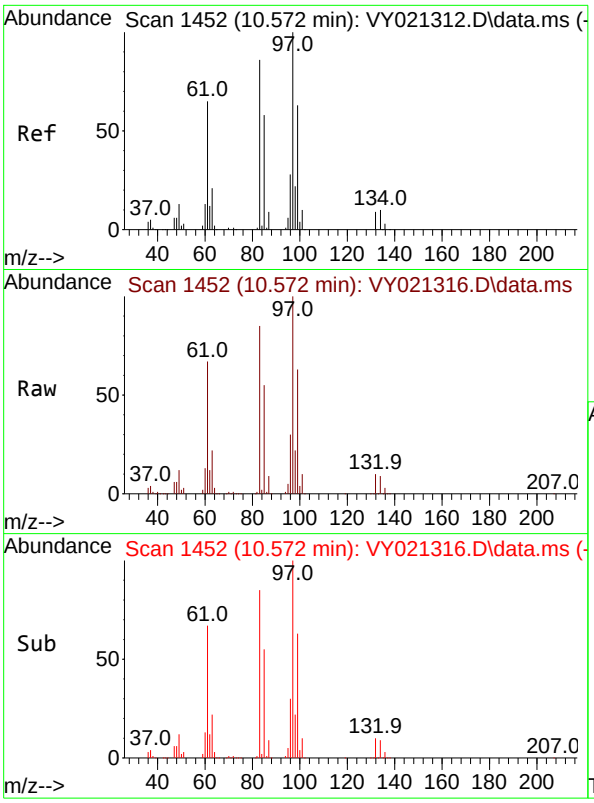


#54
cis-1,3-Dichloropropene
Concen: 98.870 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 75 Resp: 328107

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.7	38.5
39	52.5	41.8	62.6



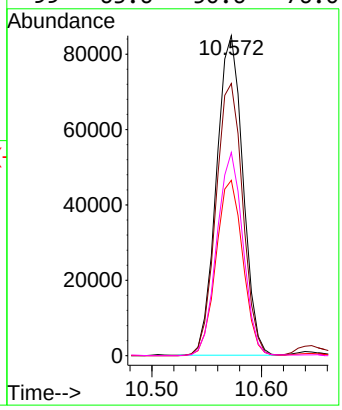


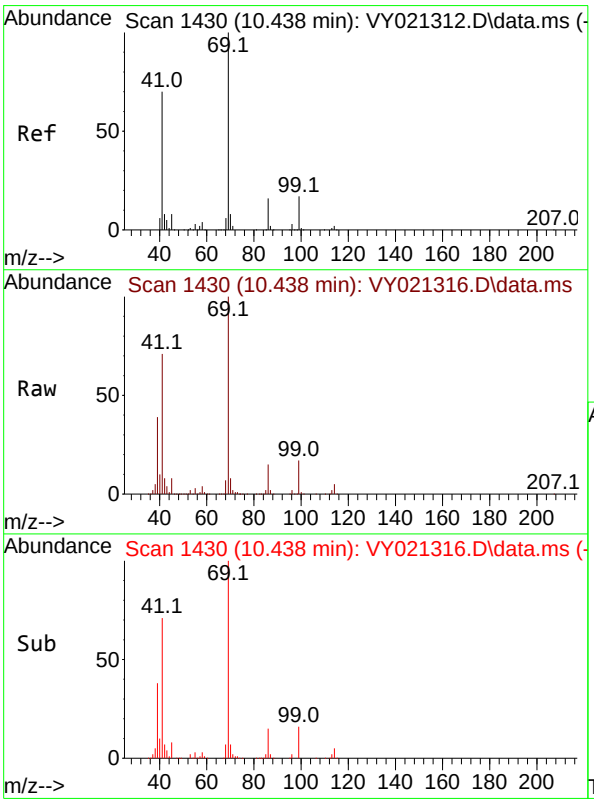
#55
1,1,2-Trichloroethane
Concen: 94.975 ug/l
RT: 10.572 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 97 Resp: 142372

Ion	Ratio	Lower	Upper
97	100		
83	85.2	68.7	103.1
85	54.9	46.3	69.5
99	63.6	50.6	76.0

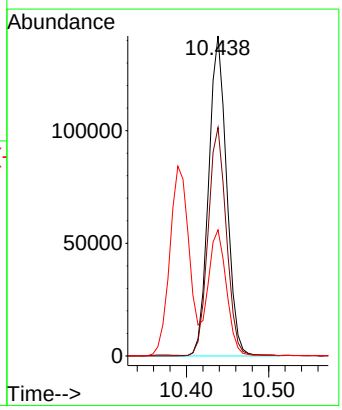


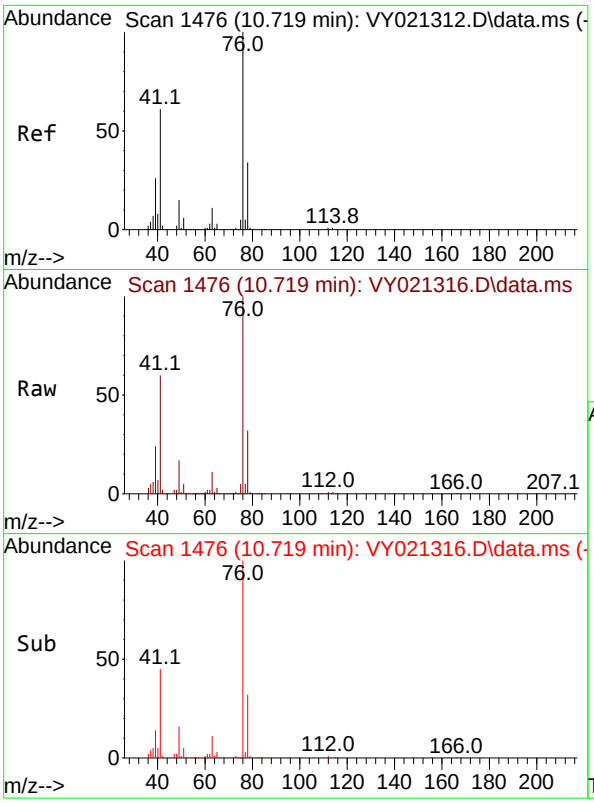


#56
Ethyl methacrylate
Concen: 104.564 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 69 Resp: 216586

Ion	Ratio	Lower	Upper
69	100		
41	71.7	56.2	84.4
39	40.2	32.7	49.1



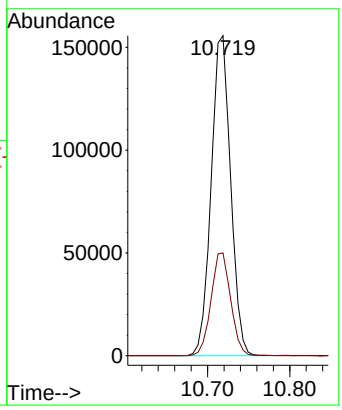


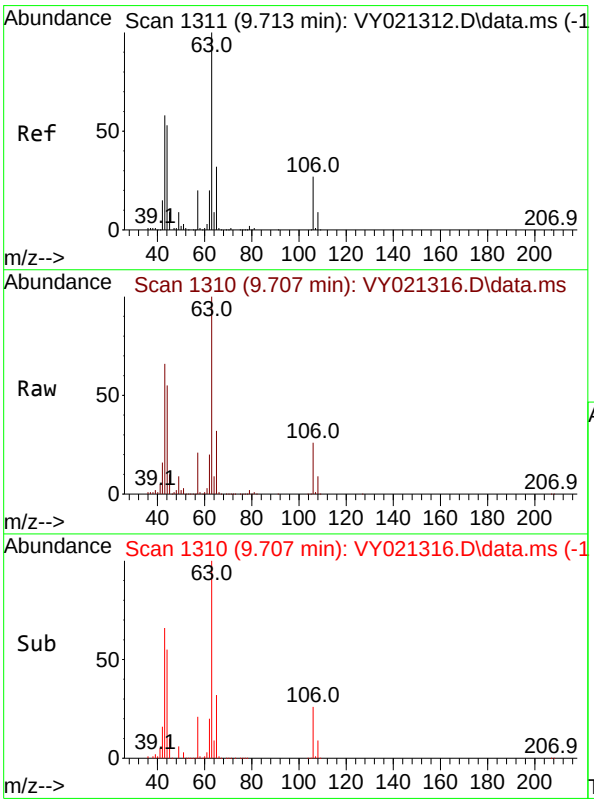
#57
1,3-Dichloropropane
Concen: 97.283 ug/l
RT: 10.719 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 255903

Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.9	38.9

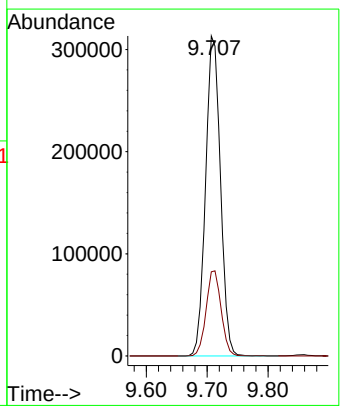


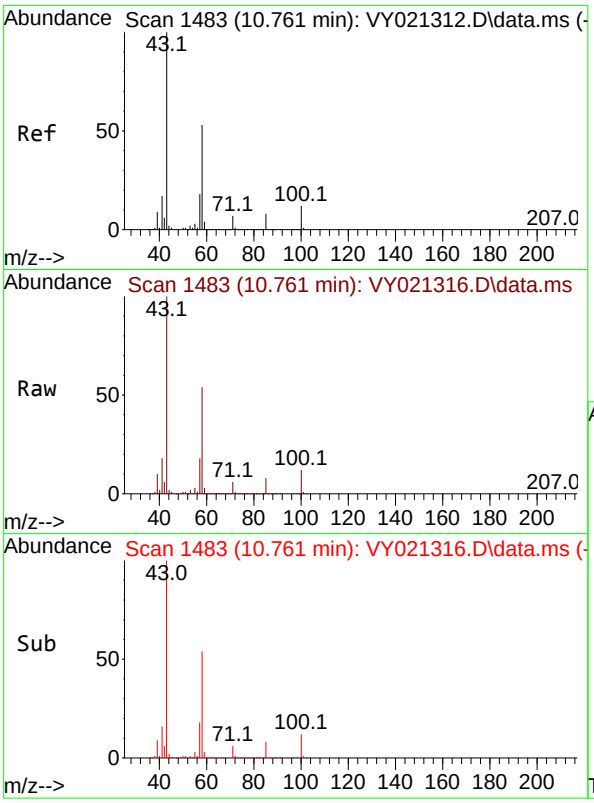


#58
2-Chloroethyl Vinyl ether
Concen: 533.791 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 63 Resp: 530695

Ion	Ratio	Lower	Upper
63	100		
106	26.9	21.7	32.5



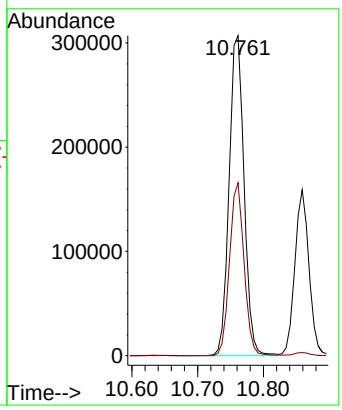


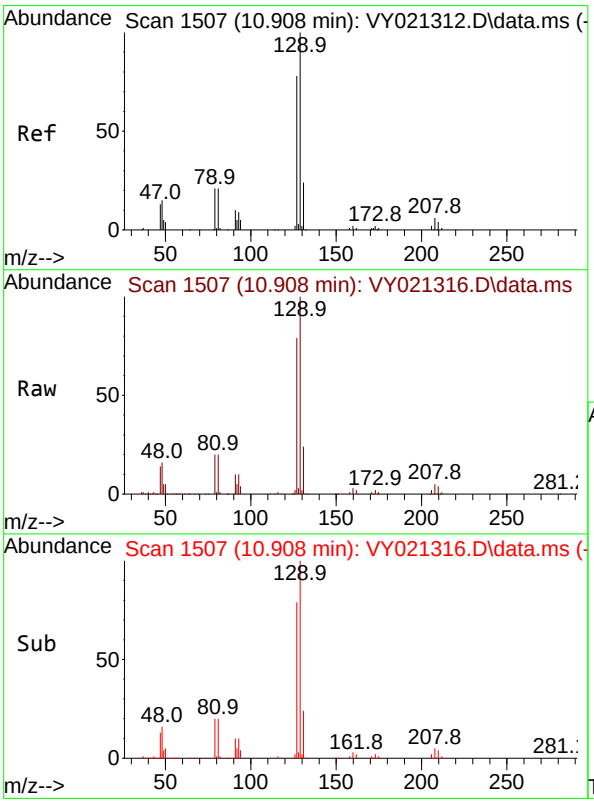
#59
2-Hexanone
Concen: 507.115 ug/l
RT: 10.761 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 485734

Ion	Ratio	Lower	Upper
43	100		
58	52.5	25.9	77.6

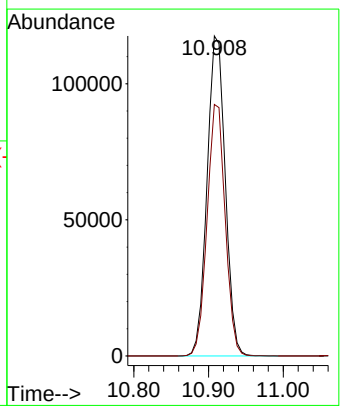


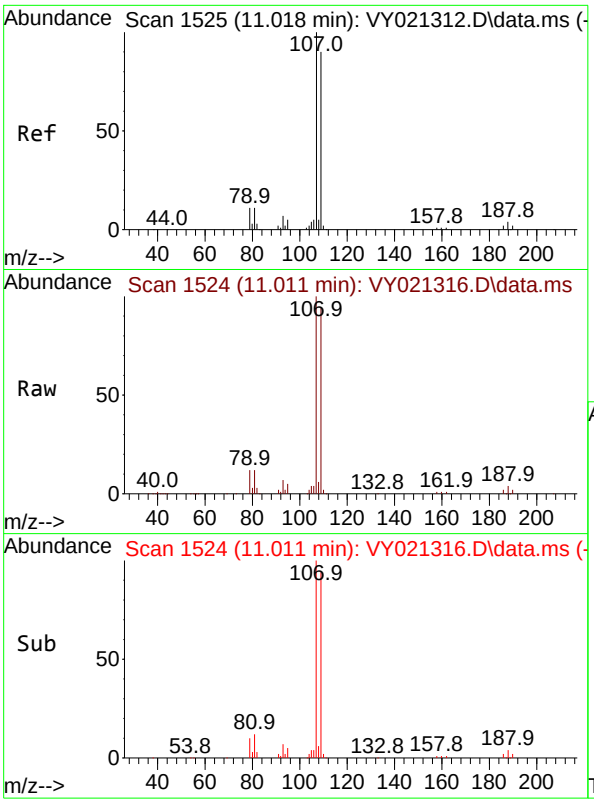


#60
Dibromochloromethane
Concen: 97.582 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:129 Resp: 199225

Ion	Ratio	Lower	Upper
129	100		
127	78.2	38.8	116.4



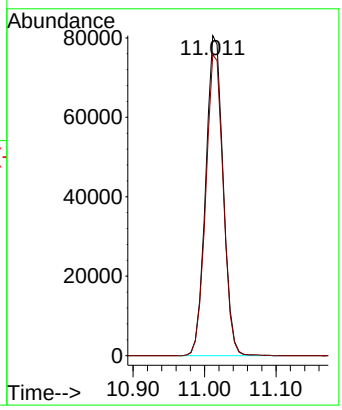


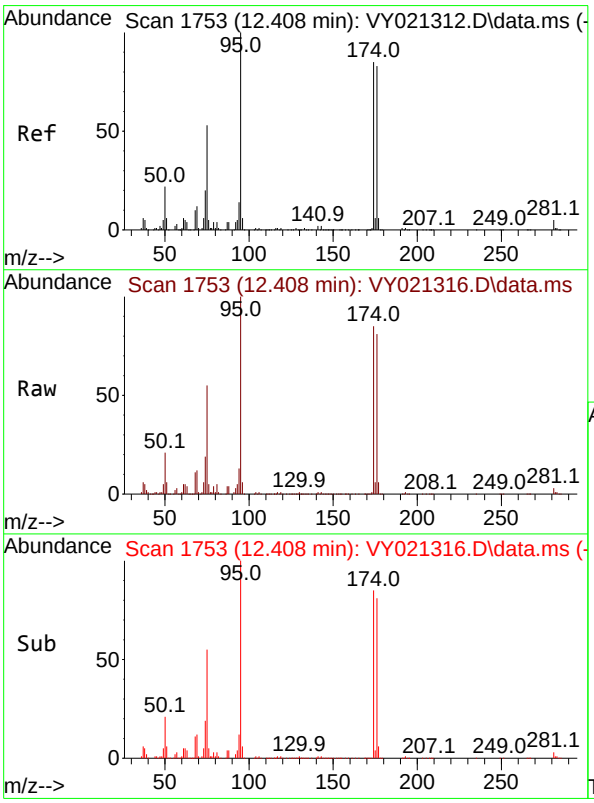
#61
1,2-Dibromoethane
Concen: 96.029 ug/l
RT: 11.011 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:107 Resp: 136284

Ion	Ratio	Lower	Upper
107	100		
109	94.2	73.8	110.8

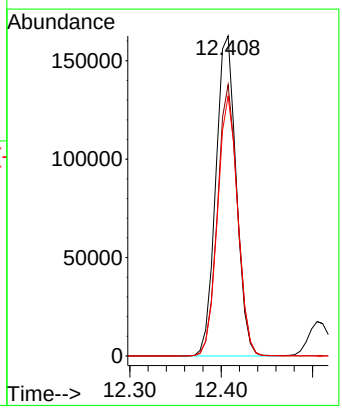


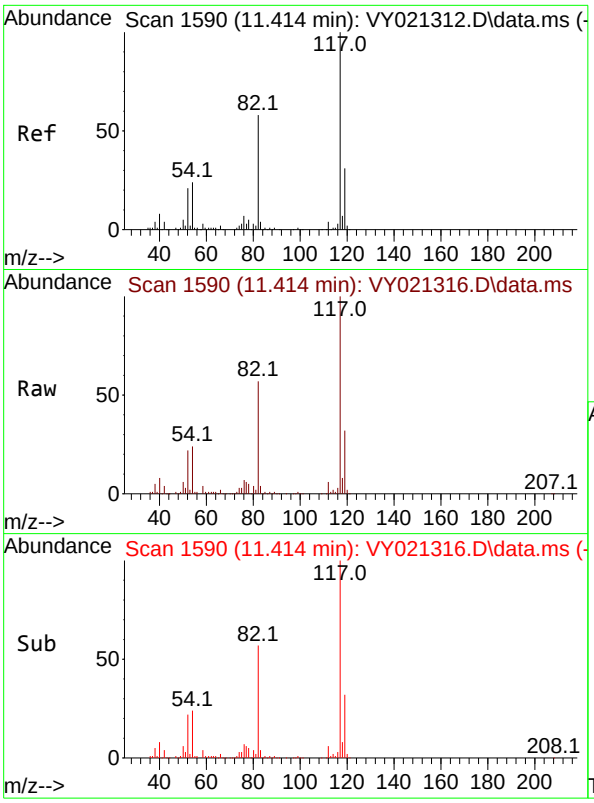


#62
4-Bromofluorobenzene
Concen: 98.477 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 95 Resp: 252327

Ion	Ratio	Lower	Upper
95	100		
174	82.9	0.0	168.0
176	80.5	0.0	162.6



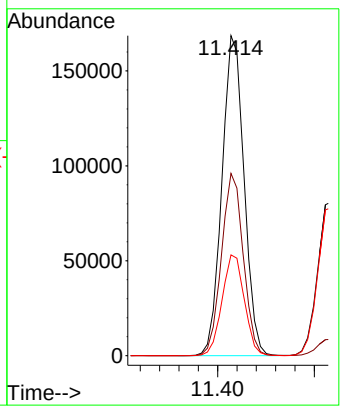


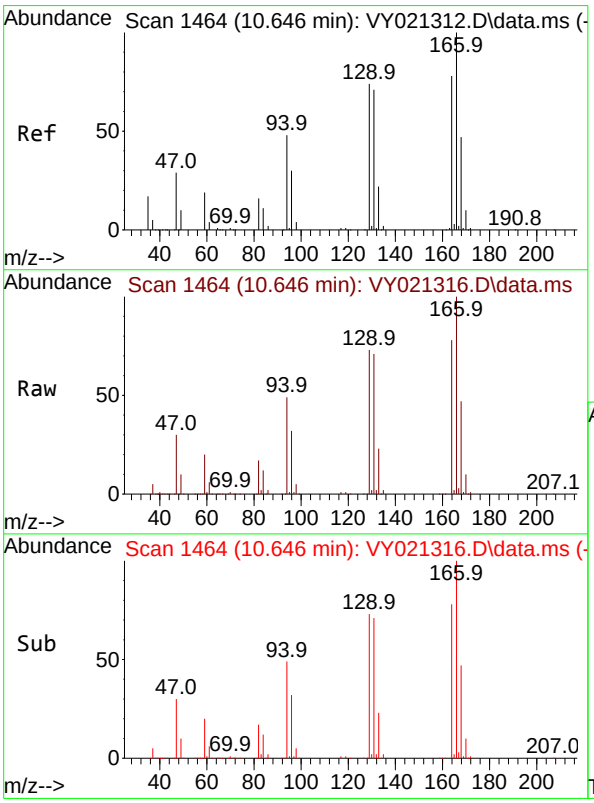
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:117 Resp: 267150

Ion	Ratio	Lower	Upper
117	100		
82	56.9	46.2	69.4
119	31.5	24.9	37.3

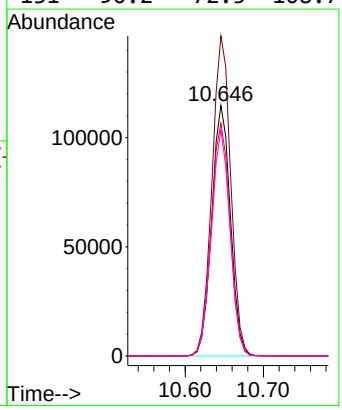


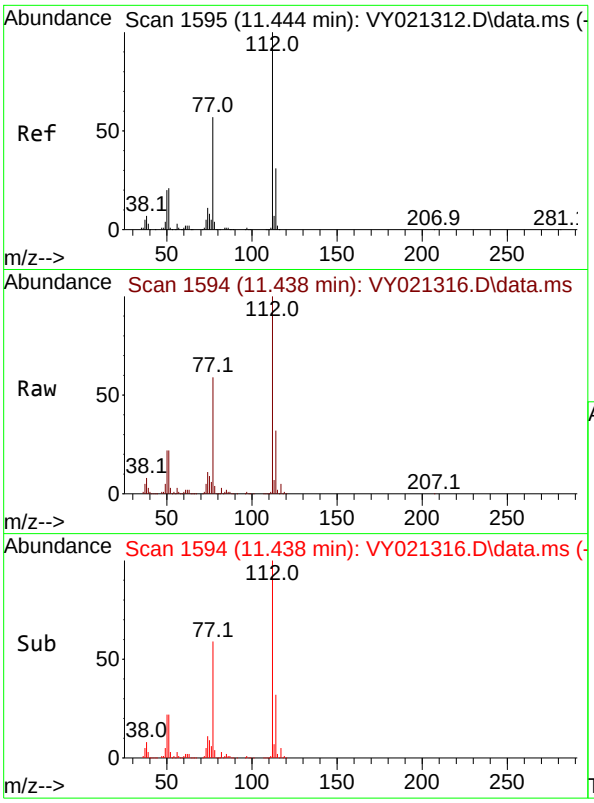


#64
Tetrachloroethene
Concen: 93.936 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:164 Resp: 189679

Ion	Ratio	Lower	Upper
164	100		
166	127.8	101.9	152.9
129	92.9	75.5	113.3
131	90.2	72.5	108.7



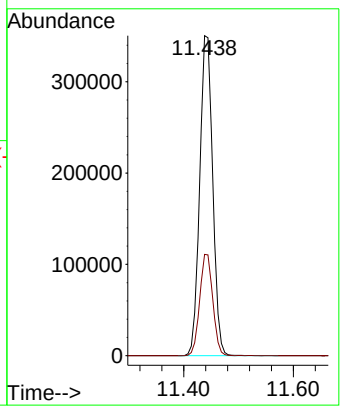


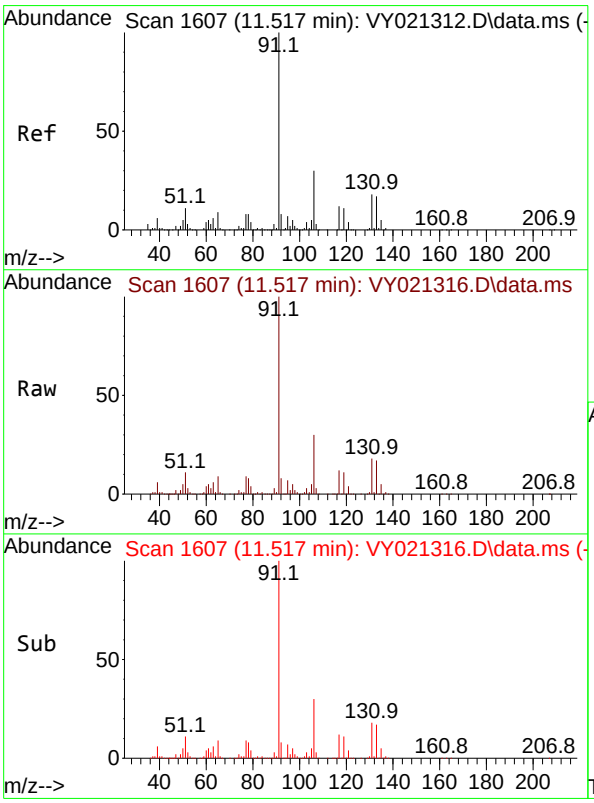
#65
Chlorobenzene
Concen: 96.070 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 576109

Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.0	37.6

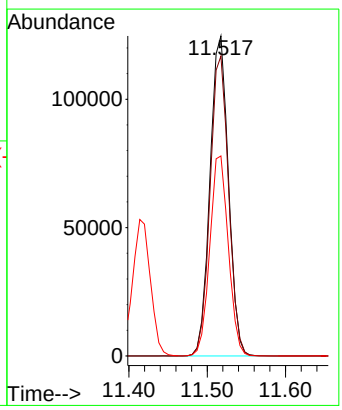


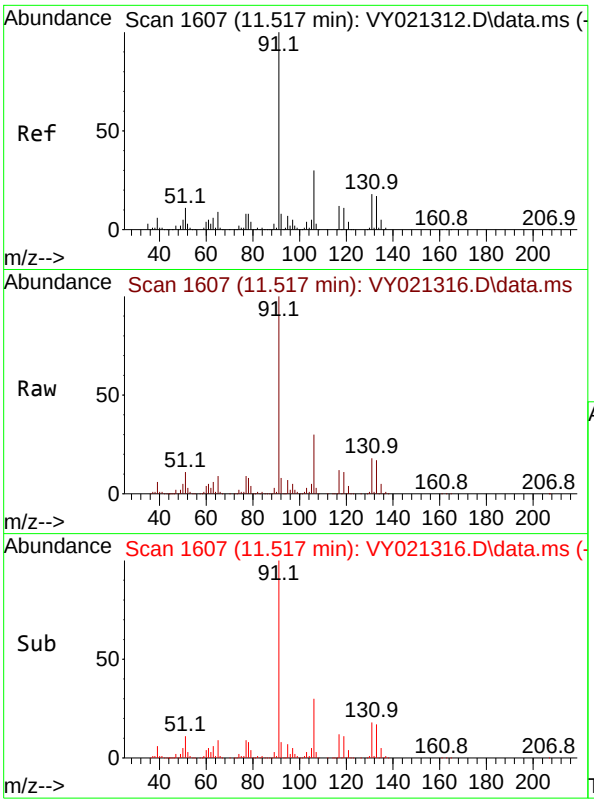


#66
1,1,1,2-Tetrachloroethane
Concen: 97.007 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:131 Resp: 203696

Ion	Ratio	Lower	Upper
131	100		
133	94.2	47.9	143.6
119	62.8	31.7	95.1



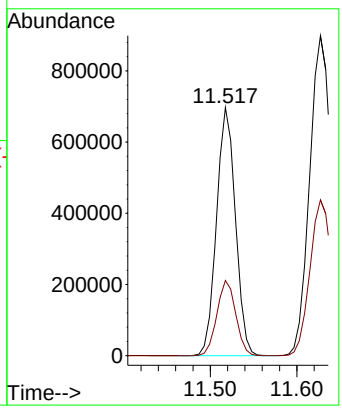


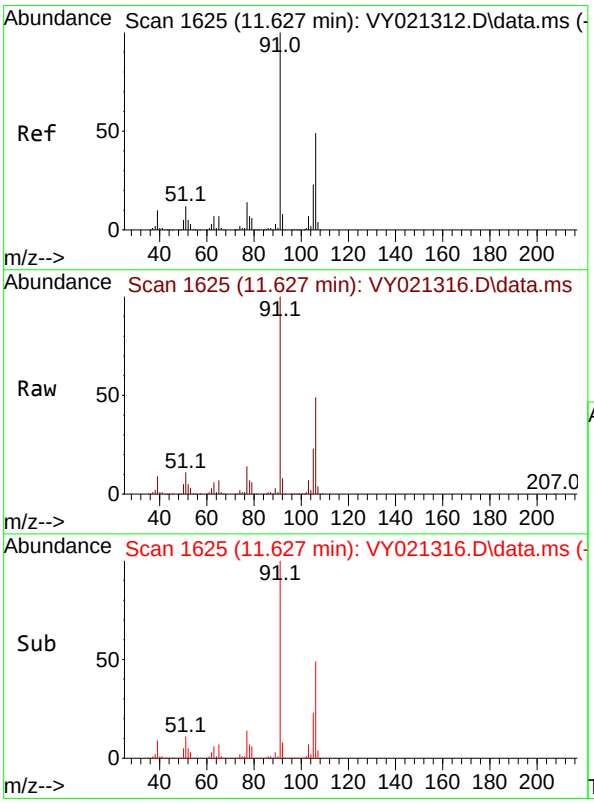
#67
Ethyl Benzene
Concen: 99.522 ug/l
RT: 11.517 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1057129

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.4	36.6

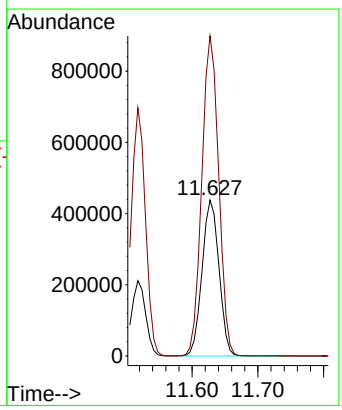


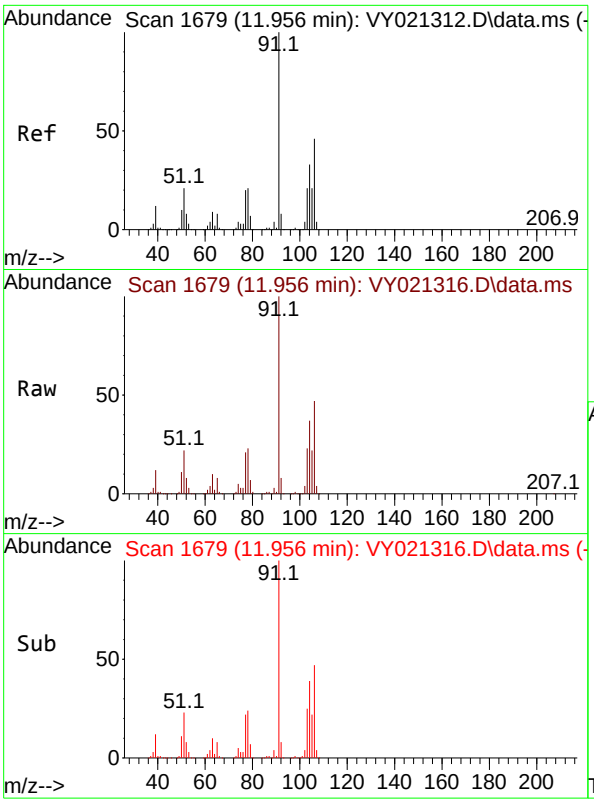


#68
m/p-Xylenes
Concen: 195.986 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:106 Resp: 783034

Ion	Ratio	Lower	Upper
106	100		
91	204.9	163.9	245.9



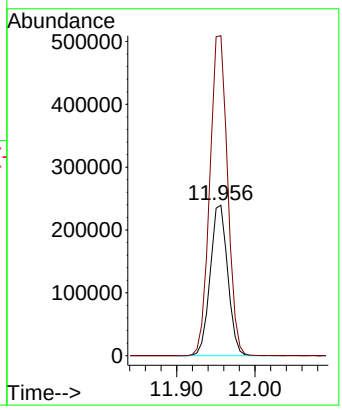


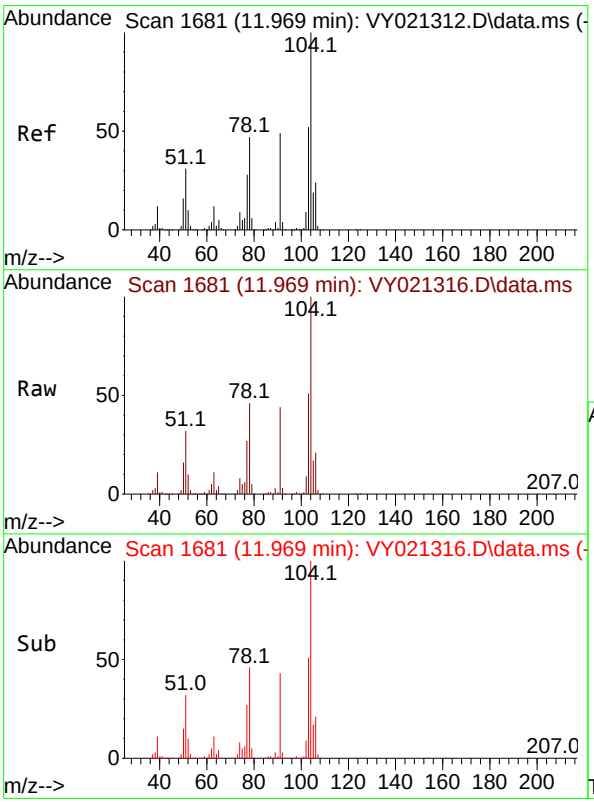
#69
o-Xylene
Concen: 99.112 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 370964

Ion	Ratio	Lower	Upper
106	100		
91	216.3	108.1	324.2

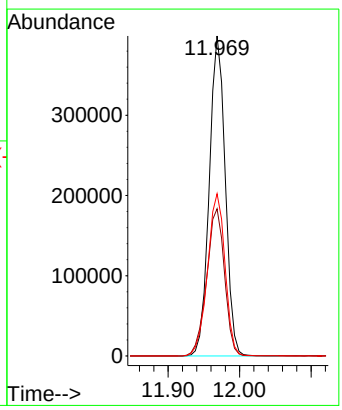


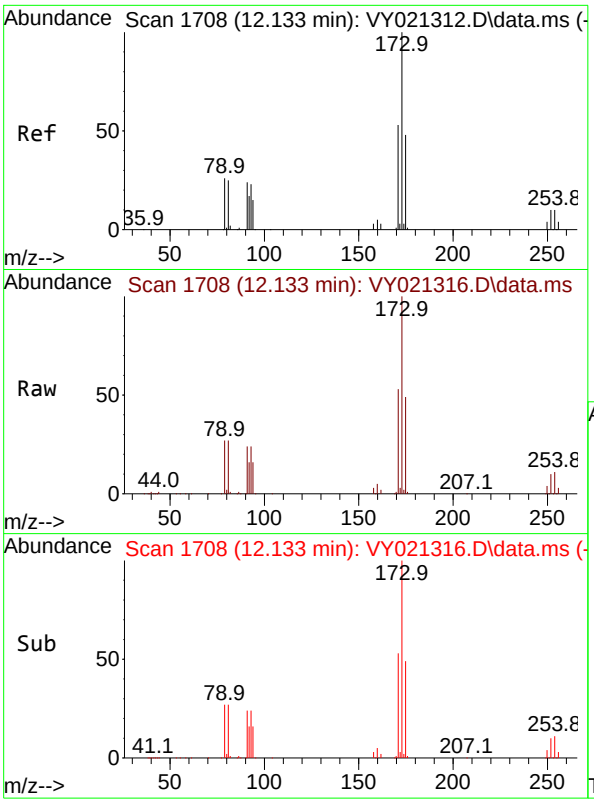


#70
Styrene
Concen: 99.469 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:104 Resp: 619437

Ion	Ratio	Lower	Upper
104	100		
78	51.3	41.3	61.9
103	55.4	43.9	65.9



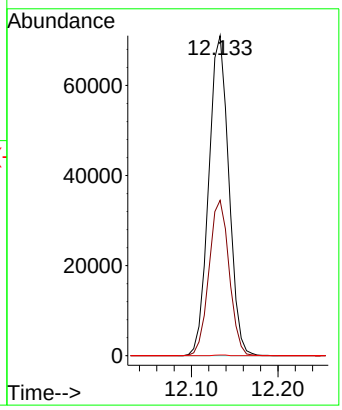


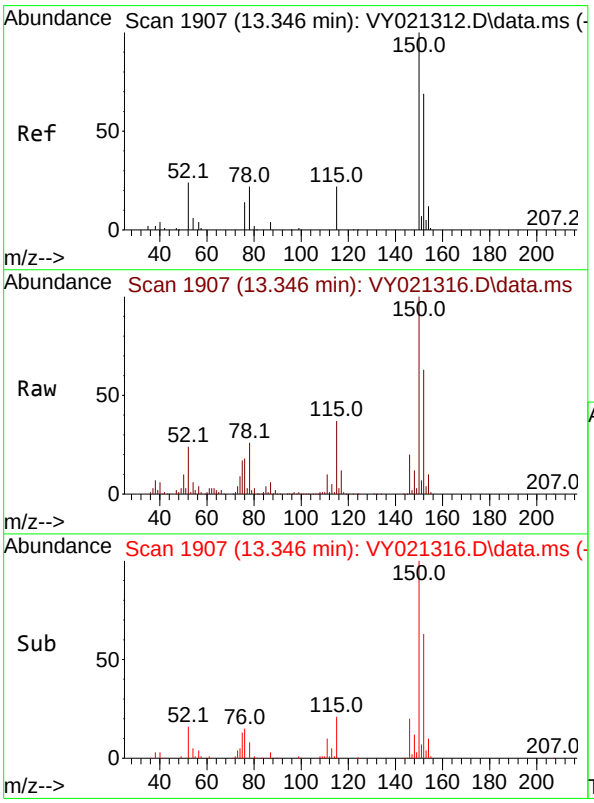
#71
Bromoform
Concen: 95.313 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:173 Resp: 114495

Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.1	72.3
254	0.1	0.1	0.1#

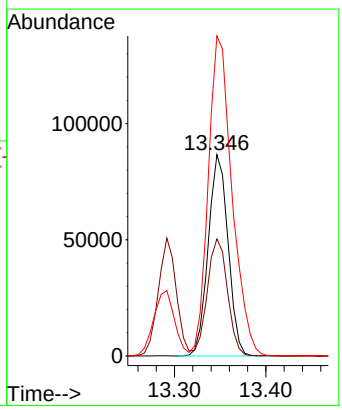


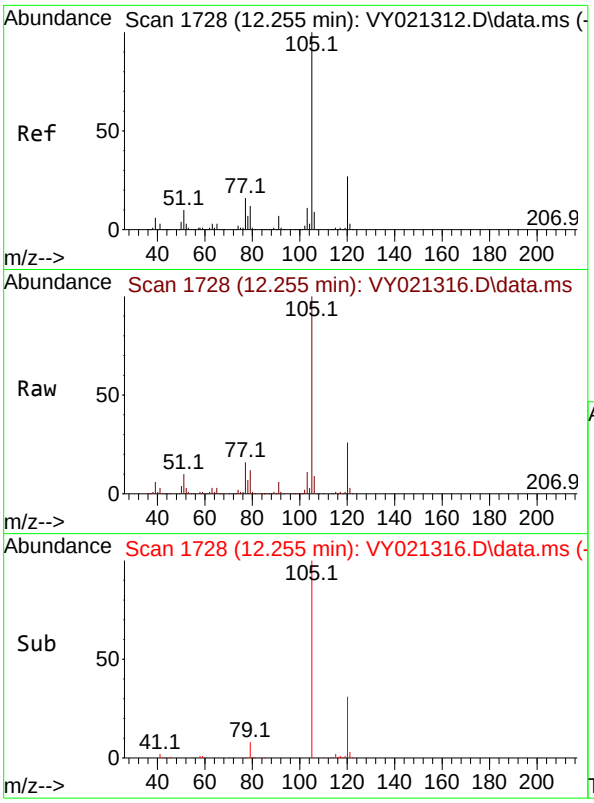


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:152 Resp: 130541

Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.3	88.0
150	190.2	0.0	347.4



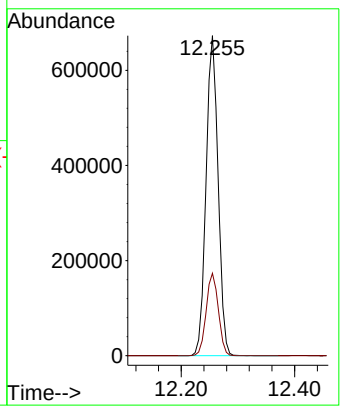


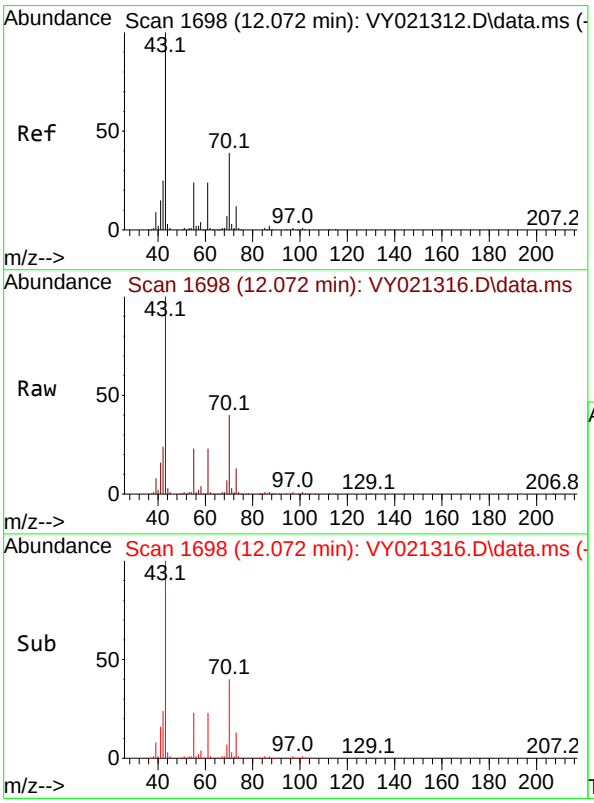
#73
Isopropylbenzene
Concen: 100.648 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 987758

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.3	39.8

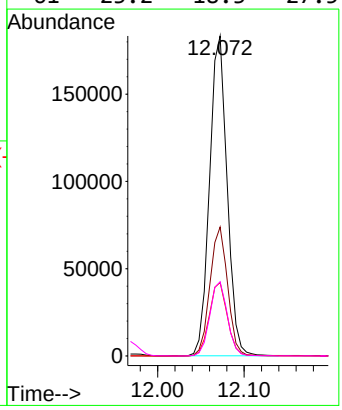


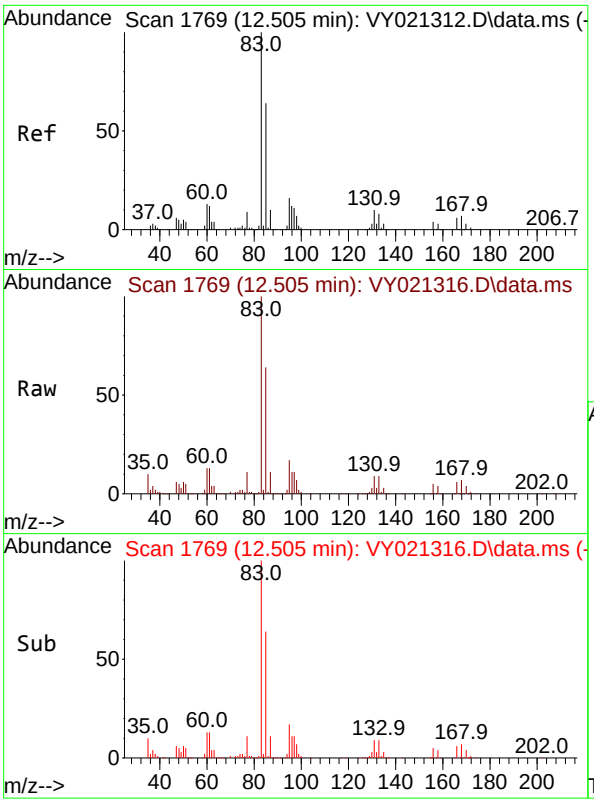


#74
N-amyl acetate
Concen: 103.658 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 43 Resp: 258576

Ion	Ratio	Lower	Upper
43	100		
70	40.6	32.2	48.2
55	23.8	19.6	29.4
61	23.2	18.3	27.5



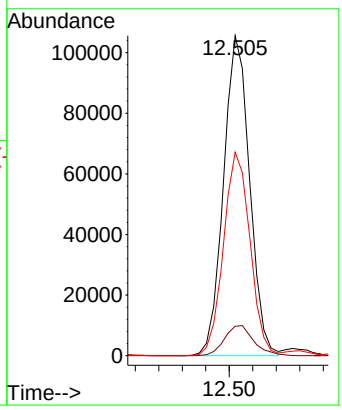


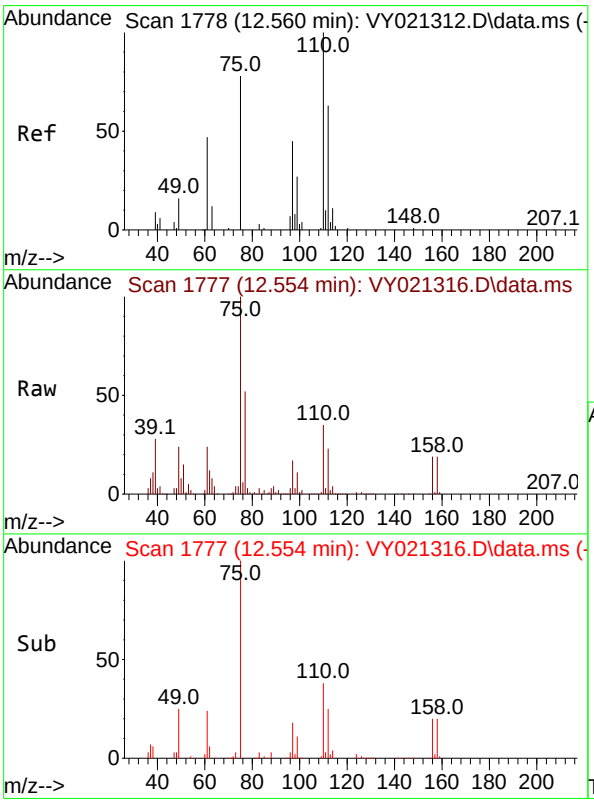
#75
1,1,2,2-Tetrachloroethane
Concen: 94.075 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 162941

Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.2	15.6
85	64.6	32.0	96.0

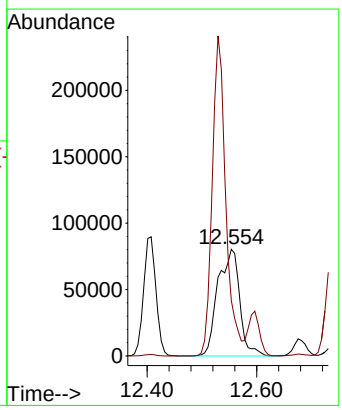


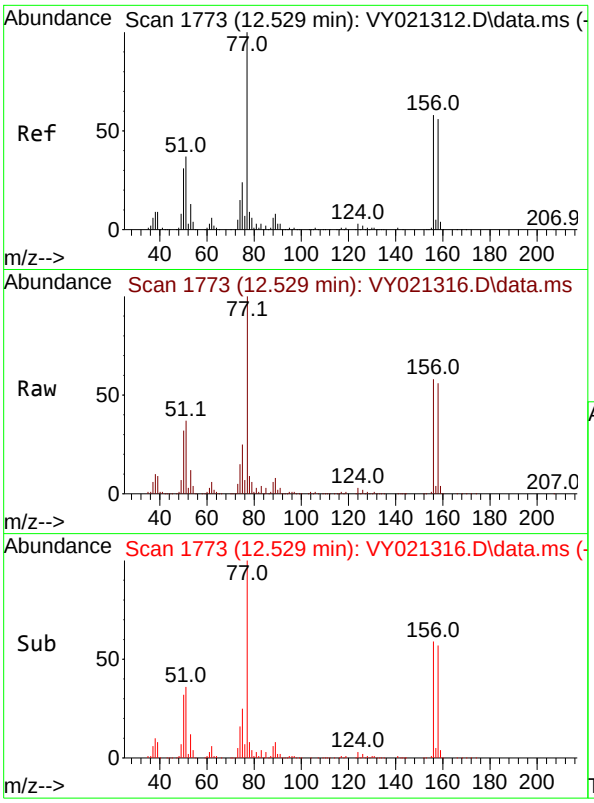


#76
1,2,3-Trichloropropane
Concen: 168.760 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 75 Resp: 221853

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



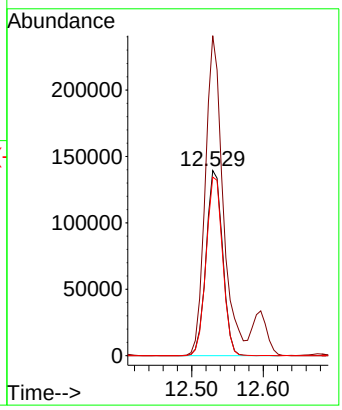


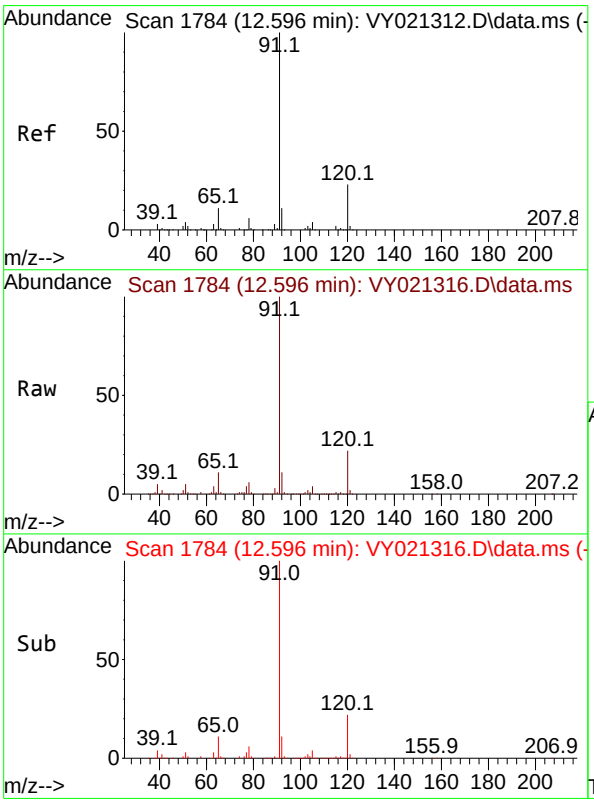
#77
Bromobenzene
Concen: 97.728 ug/l
RT: 12.529 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:156 Resp: 223081

Ion	Ratio	Lower	Upper
156	100		
77	184.2	94.0	282.1
158	96.9	48.7	146.1

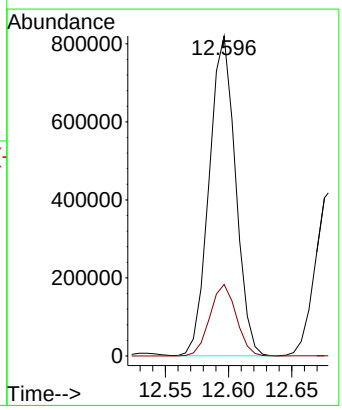


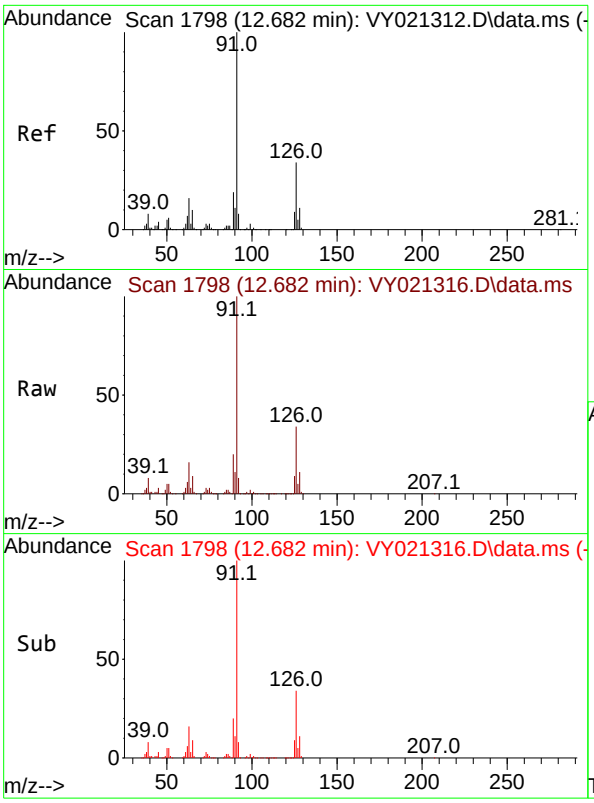


#78
n-propylbenzene
Concen: 99.651 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 91 Resp: 1186751

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.2	33.5



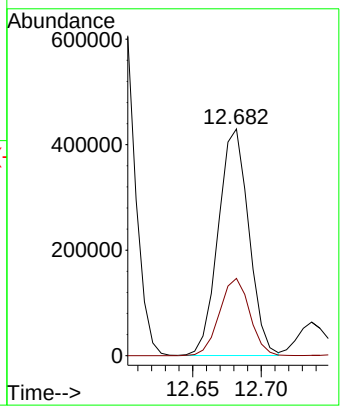


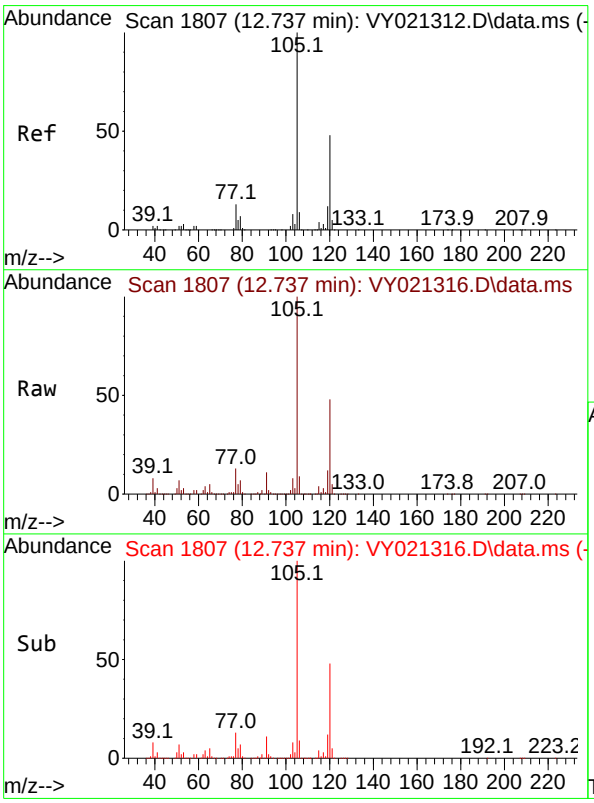
#79
2-Chlorotoluene
Concen: 97.455 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 666071

Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.9	50.6

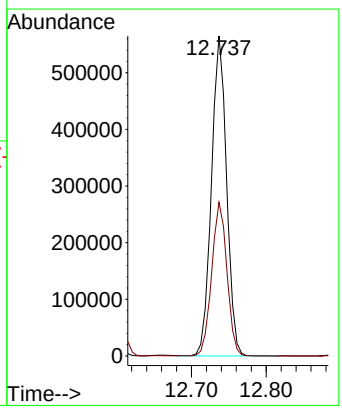


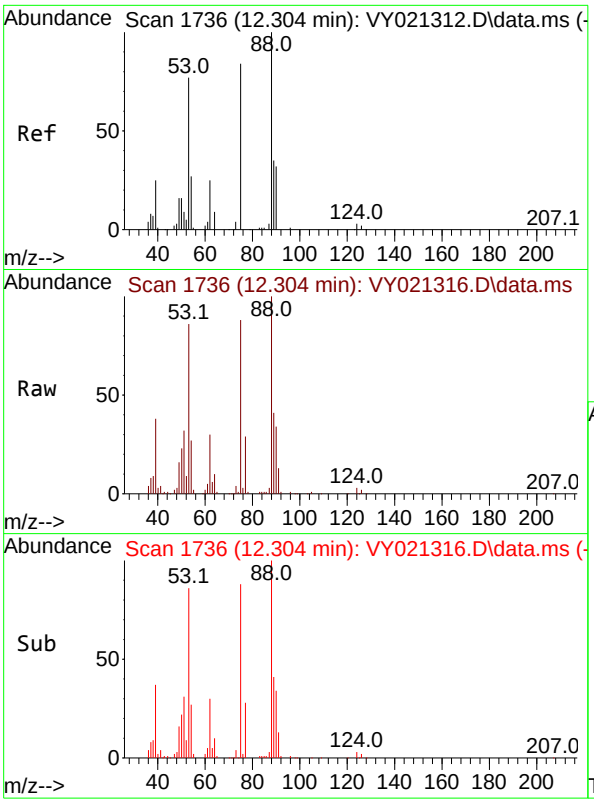


#80
1,3,5-Trimethylbenzene
Concen: 98.676 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:105 Resp: 794247

Ion	Ratio	Lower	Upper
105	100		
120	48.4	24.3	73.0



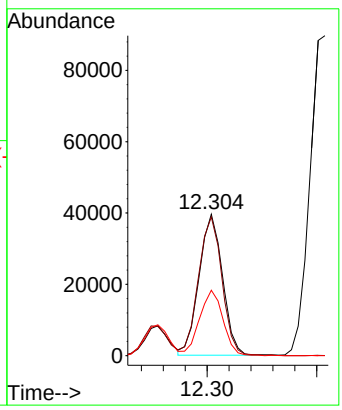


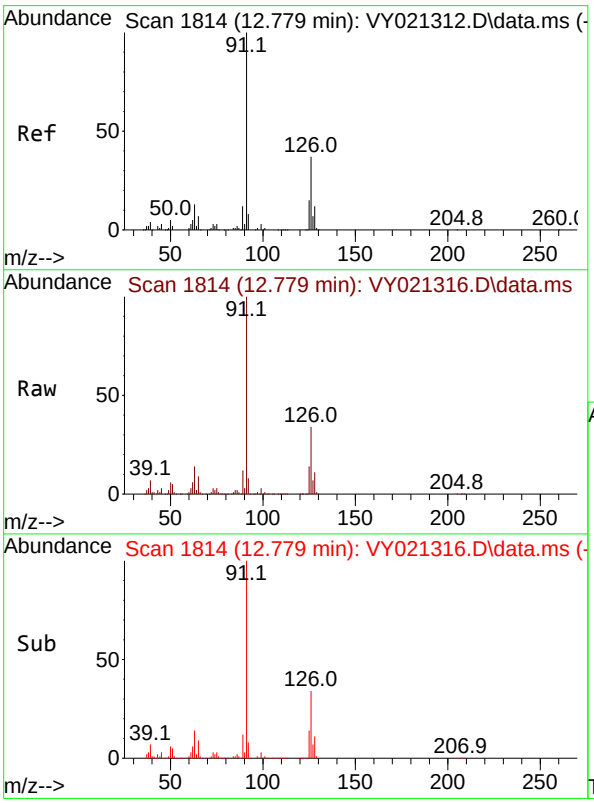
#81
trans-1,4-Dichloro-2-butene
Concen: 100.031 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 58806

Ion	Ratio	Lower	Upper
75	100		
53	99.2	79.1	118.7
89	46.7	35.6	53.4

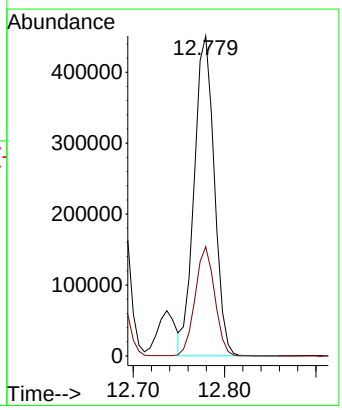


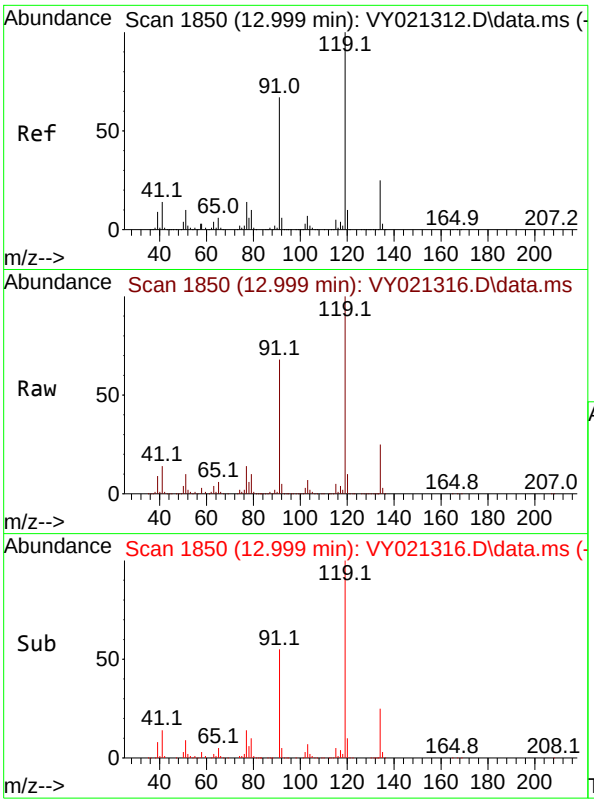


#82
4-Chlorotoluene
Concen: 97.022 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 91 Resp: 687385

Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.8	50.4



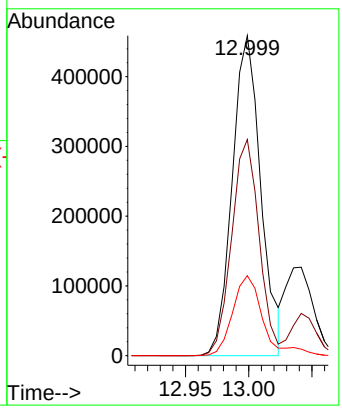


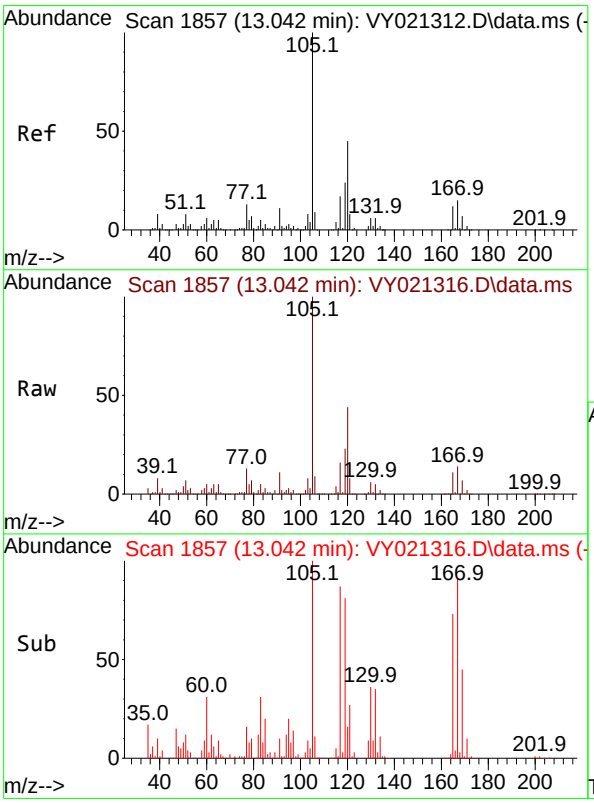
#83
tert-Butylbenzene
Concen: 99.092 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 720480

Ion	Ratio	Lower	Upper
119	100		
91	65.1	32.7	98.1
134	26.5	13.3	39.9

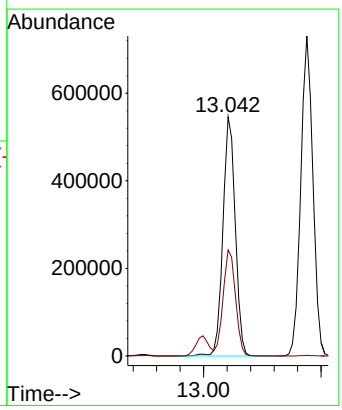


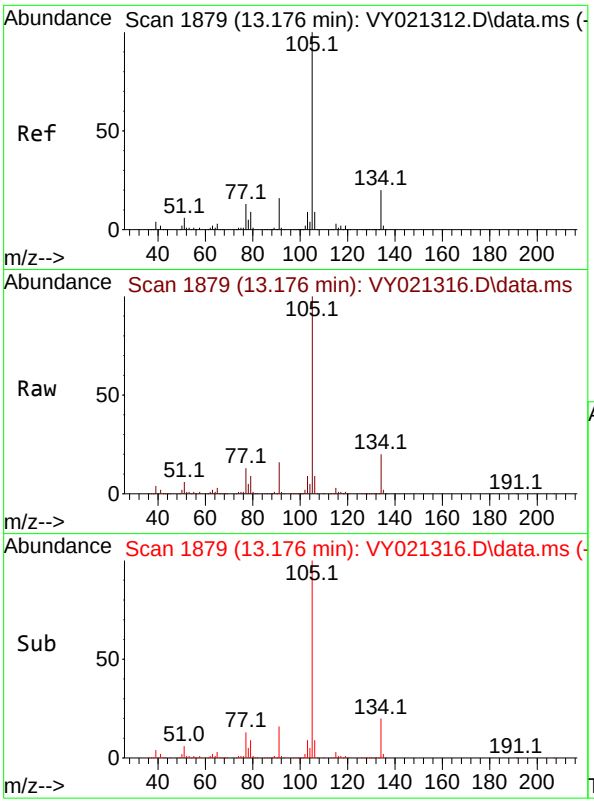


#84
1,2,4-Trimethylbenzene
Concen: 99.415 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:105 Resp: 795840

Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.4	67.3



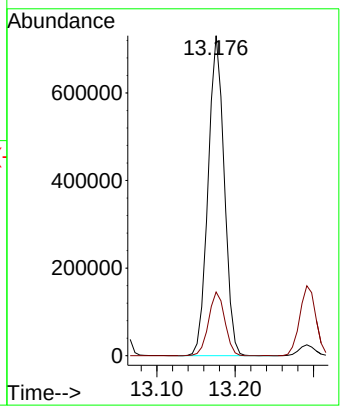


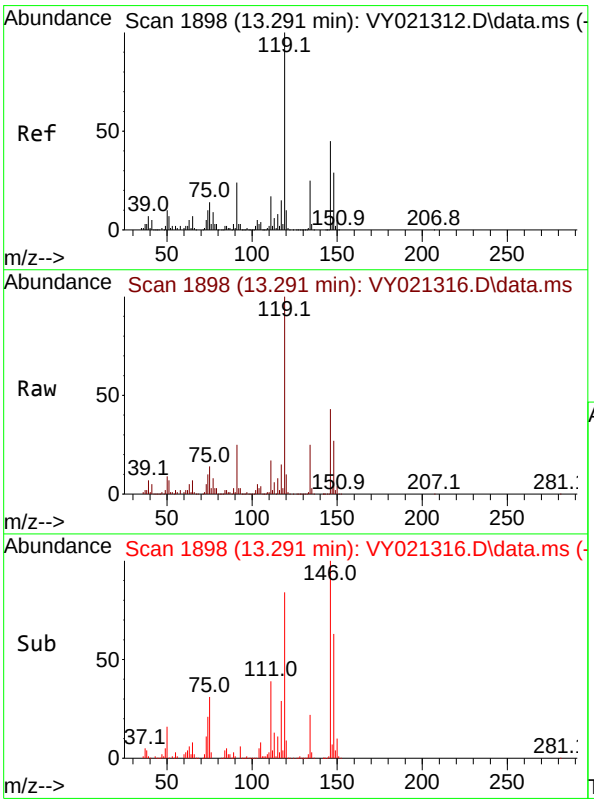
#85
sec-Butylbenzene
Concen: 98.021 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 1041022

Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.0	30.0

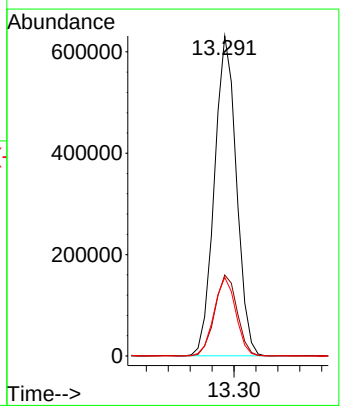


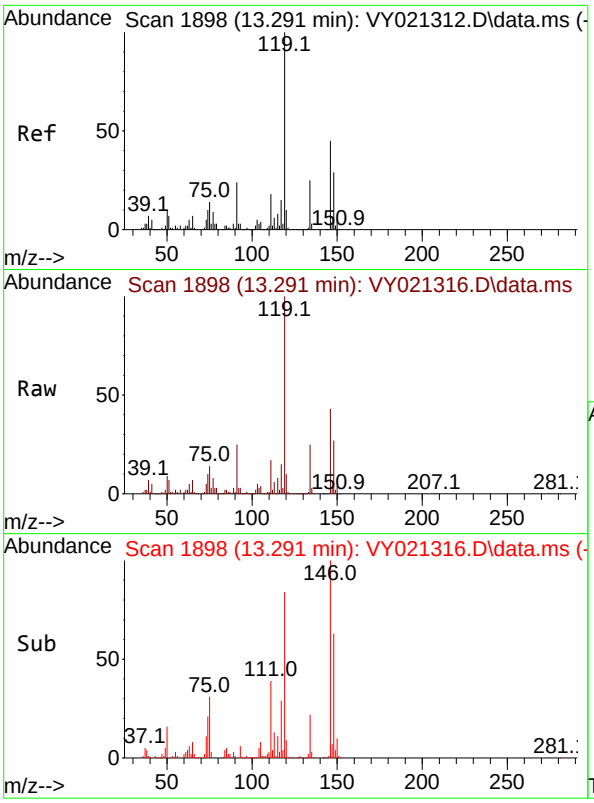


#86
p-Isopropyltoluene
Concen: 99.431 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:119 Resp: 881757

Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.0	38.9
91	24.3	12.0	36.1



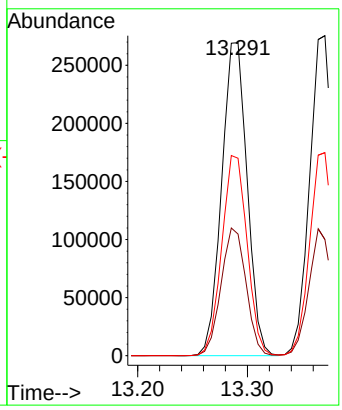


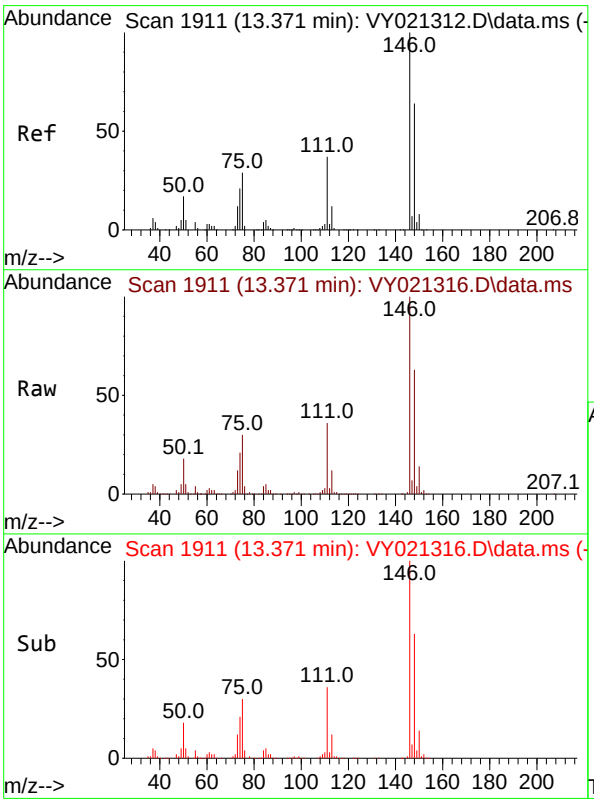
#87
1,3-Dichlorobenzene
Concen: 96.445 ug/l
RT: 13.291 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 435489

Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.0	59.9
148	63.6	31.9	95.9

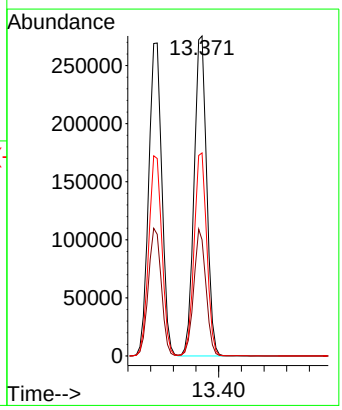


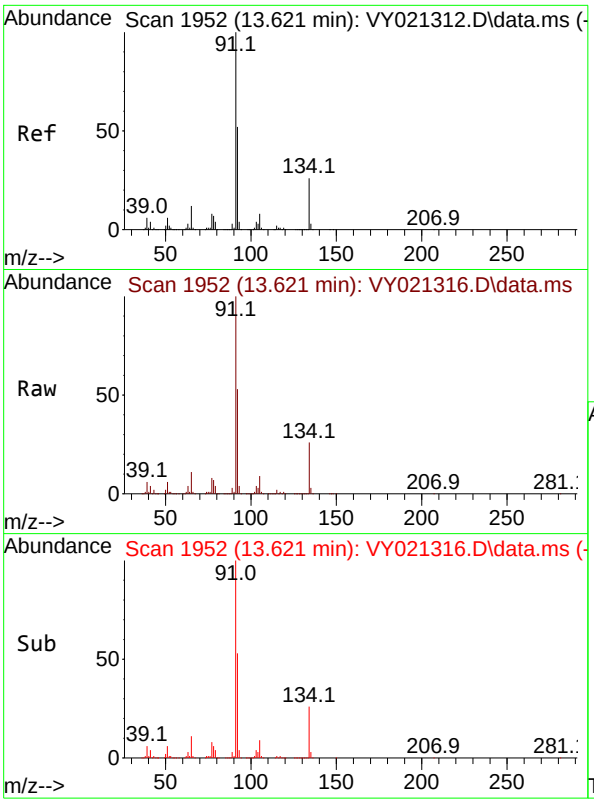


#88
1,4-Dichlorobenzene
Concen: 95.343 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:146 Resp: 425301

Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.5	58.5
148	63.7	32.0	96.2



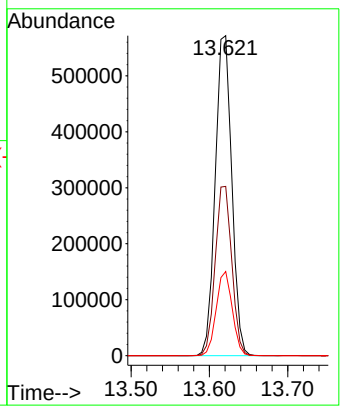


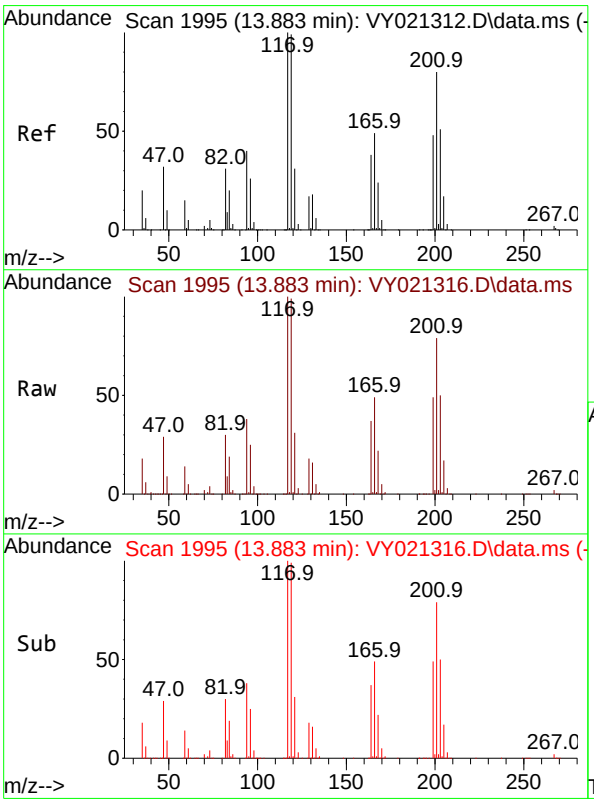
#89
n-Butylbenzene
Concen: 100.683 ug/l
RT: 13.621 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 840236

Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.4	79.2
134	25.5	12.7	38.0

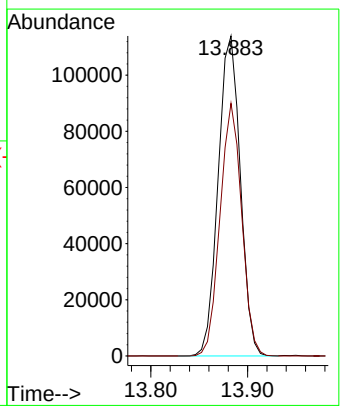


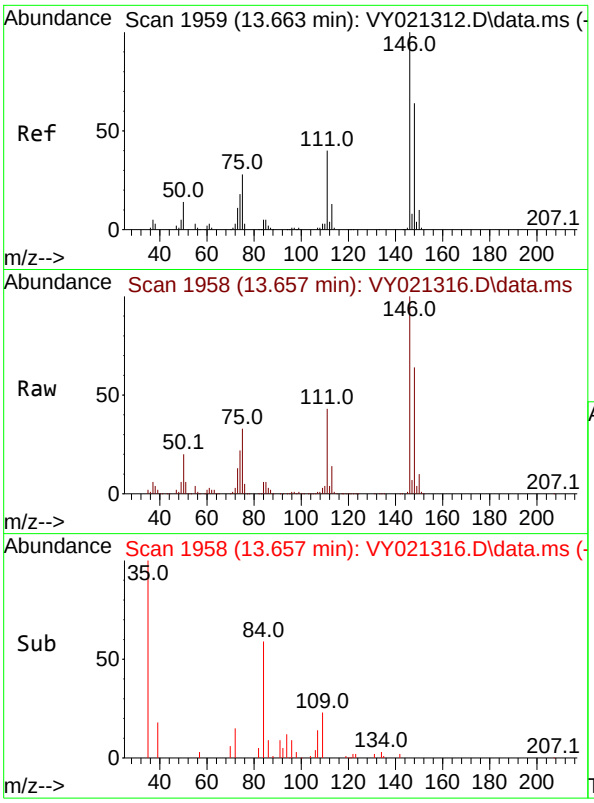


#90
Hexachloroethane
Concen: 97.720 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:117 Resp: 181015

Ion	Ratio	Lower	Upper
117	100		
201	77.1	38.4	115.2



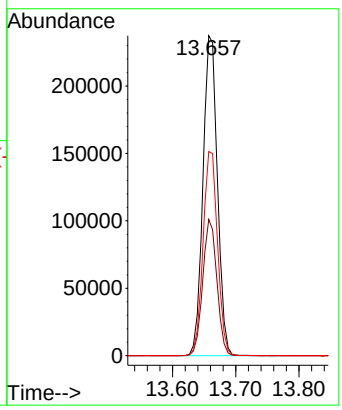


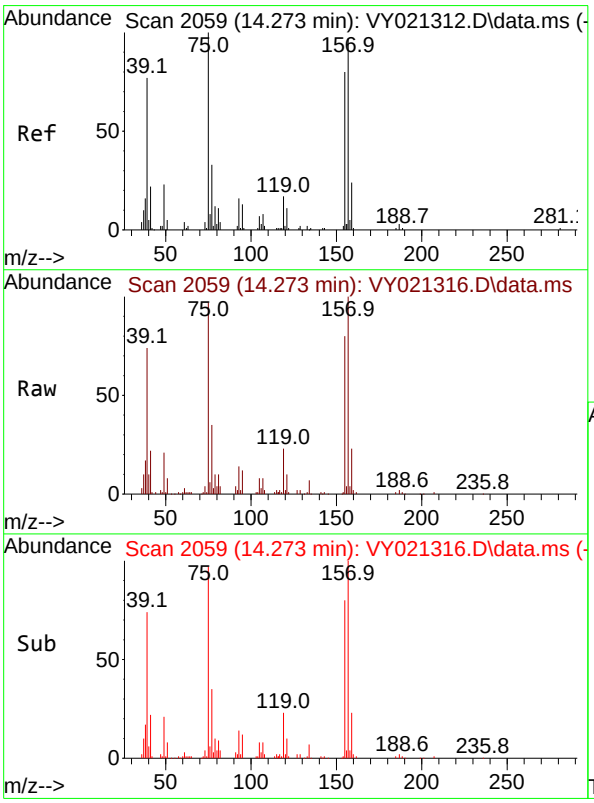
#91
1,2-Dichlorobenzene
Concen: 95.410 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 377453

Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.7	62.1
148	64.1	31.7	95.1

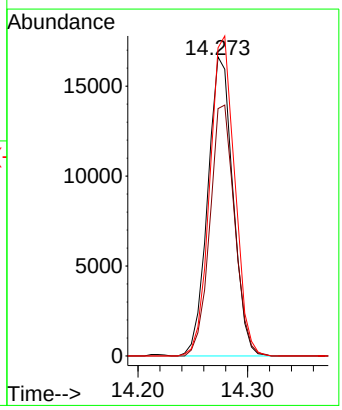


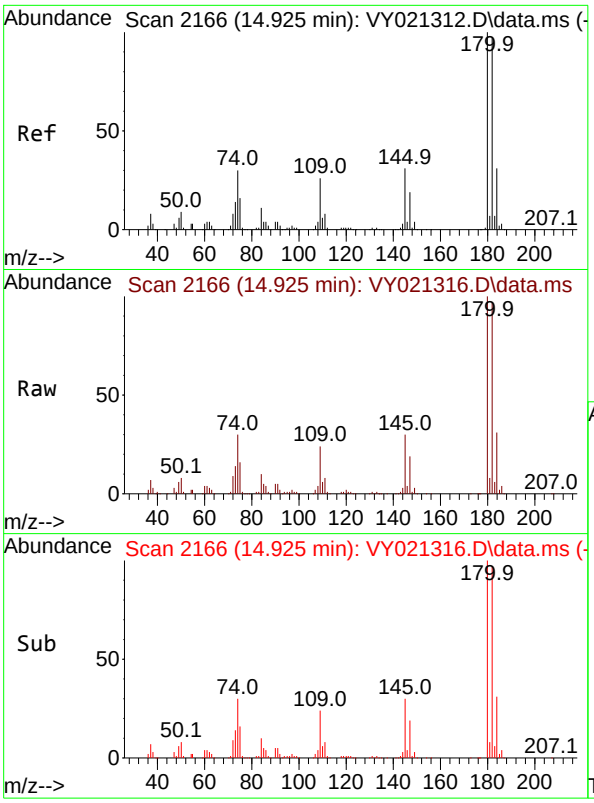


#92
1,2-Dibromo-3-Chloropropane
Concen: 96.867 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 75 Resp: 26541

Ion	Ratio	Lower	Upper
75	100		
155	82.1	41.9	125.6
157	105.5	52.5	157.6



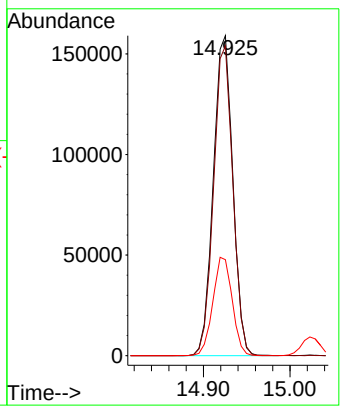


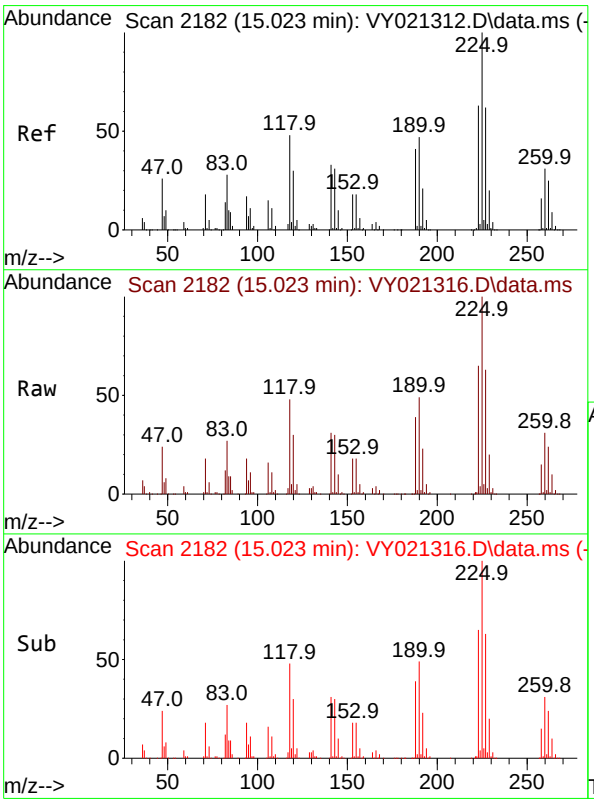
#93
1,2,4-Trichlorobenzene
Concen: 102.770 ug/l
RT: 14.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:180 Resp: 248146

Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.7
145	30.6	15.6	46.8

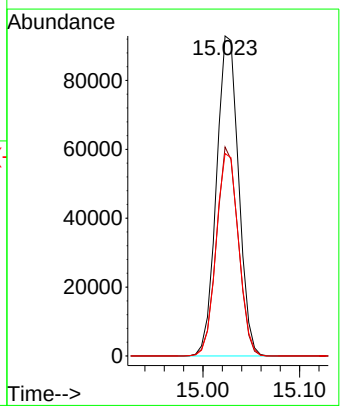


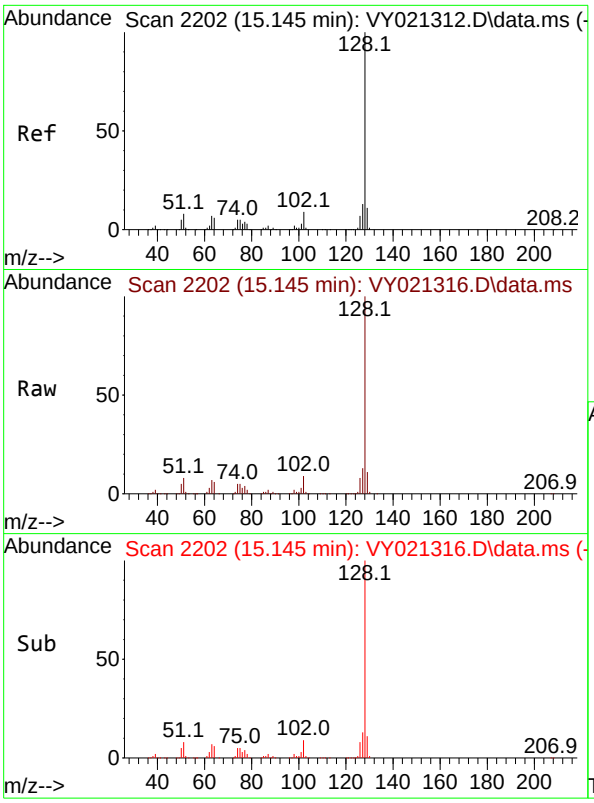


#94
Hexachlorobutadiene
Concen: 96.770 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:225 Resp: 147103

Ion	Ratio	Lower	Upper
225	100		
223	64.4	31.8	95.4
227	64.4	31.9	95.7



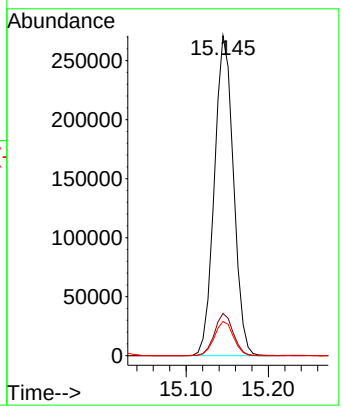


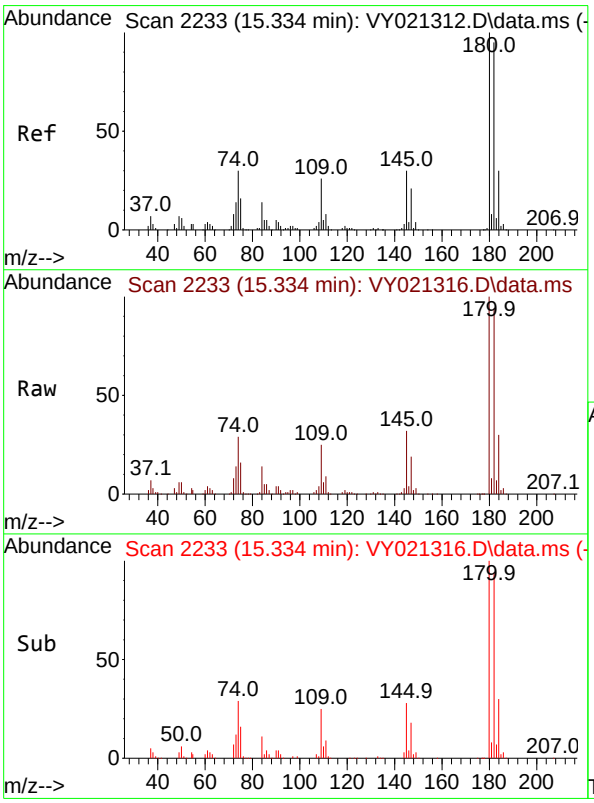
#95
Naphthalene
Concen: 109.220 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 436817

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.7	8.5	12.7

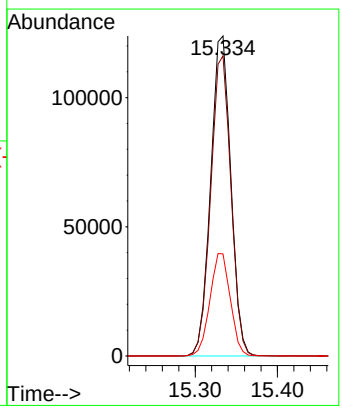




#96
1,2,3-Trichlorobenzene
Concen: 103.581 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:180 Resp: 211313

Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.3	144.9
145	32.3	16.1	48.3



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021317.D
Acq On : 25 Feb 2025 17:31
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Quant Time: Feb 26 03:42:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	183832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	292214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	257123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	126299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	98960	47.453	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 94.900%			
35) Dibromofluoromethane	7.634	113	93944	49.037	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.080%			
50) Toluene-d8	10.109	98	360528	48.694	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.380%			
62) 4-Bromofluorobenzene	12.408	95	120972	48.549	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	93894	53.871	ug/l	98
3) Chloromethane	2.068	50	120479	53.523	ug/l	100
4) Vinyl Chloride	2.202	62	121922	55.184	ug/l	98
5) Bromomethane	2.598	94	77054	52.483	ug/l	100
6) Chloroethane	2.732	64	75086	54.804	ug/l	99
7) Trichlorofluoromethane	3.062	101	178123	53.384	ug/l	94
8) Diethyl Ether	3.458	74	54929	54.849	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	104678	54.188	ug/l	98
10) Methyl Iodide	4.007	142	124707	61.361	ug/l	100
11) Tert butyl alcohol	4.848	59	35572	221.762	ug/l	100
12) 1,1-Dichloroethene	3.793	96	100075	54.104	ug/l	98
13) Acrolein	3.653	56	6337	51.554	ug/l	95
14) Allyl chloride	4.385	41	181554	55.361	ug/l	99
15) Acrylonitrile	5.055	53	118343	267.274	ug/l	99
16) Acetone	3.866	43	90886	227.197	ug/l	99
17) Carbon Disulfide	4.104	76	335241	54.581	ug/l	100
18) Methyl Acetate	4.385	43	51200	52.372	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	265419	54.311	ug/l	97
20) Methylene Chloride	4.616	84	110456	51.062	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	112082	55.044	ug/l	99
22) Diisopropyl ether	6.018	45	377281	55.595	ug/l	99
23) Vinyl Acetate	5.957	43	1116005	275.197	ug/l	100
24) 1,1-Dichloroethane	5.915	63	210383	55.004	ug/l	99
25) 2-Butanone	6.890	43	152895	253.246	ug/l	97
26) 2,2-Dichloropropane	6.884	77	187045	53.893	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	130921	56.305	ug/l	98
28) Bromochloromethane	7.244	49	80309	47.452	ug/l	99
29) Tetrahydrofuran	7.262	42	102673	260.172	ug/l	99
30) Chloroform	7.421	83	213255	55.023	ug/l	98
31) Cyclohexane	7.701	56	191850	52.180	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	194325	55.084	ug/l	98
36) 1,1-Dichloropropene	7.835	75	157102	54.593	ug/l	100
37) Ethyl Acetate	6.982	43	72810	50.864	ug/l	99
38) Carbon Tetrachloride	7.817	117	175208	54.157	ug/l	99
39) Methylcyclohexane	9.109	83	197993	54.397	ug/l	99
40) Benzene	8.079	78	464323	54.583	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021317.D
Acq On : 25 Feb 2025 17:31
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Quant Time: Feb 26 03:42:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.219	41	39412	49.244	ug/l		96
42) 1,2-Dichloroethane	8.158	62	129718	53.746	ug/l		100
43) Isopropyl Acetate	8.195	43	145128	52.380	ug/l	#	87
44) Trichloroethene	8.865	130	116988	54.930	ug/l		100
45) 1,2-Dichloropropane	9.140	63	111498	54.464	ug/l		99
46) Dibromomethane	9.231	93	61031	54.539	ug/l		99
47) Bromodichloromethane	9.420	83	162580	54.489	ug/l		98
48) Methyl methacrylate	9.219	41	71360	55.076	ug/l		99
49) 1,4-Dioxane	9.225	88	13103	1053.076	ug/l		94
51) 4-Methyl-2-Pentanone	9.999	43	372486	262.628	ug/l		100
52) Toluene	10.170	92	294219	55.674	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	152263	55.699	ug/l		100
54) cis-1,3-Dichloropropene	9.853	75	178951	55.451	ug/l		99
55) 1,1,2-Trichloroethane	10.572	97	77645	53.263	ug/l		98
56) Ethyl methacrylate	10.438	69	112155	55.679	ug/l		99
57) 1,3-Dichloropropane	10.719	76	139257	54.438	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	221395	228.990	ug/l		100
59) 2-Hexanone	10.761	43	246032	264.133	ug/l		99
60) Dibromochloromethane	10.914	129	107866	54.329	ug/l		100
61) 1,2-Dibromoethane	11.018	107	74447	53.942	ug/l		98
64) Tetrachloroethene	10.646	164	102887	52.940	ug/l		95
65) Chlorobenzene	11.444	112	314040	54.410	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.517	131	110179	54.517	ug/l		99
67) Ethyl Benzene	11.517	91	572425	55.992	ug/l		99
68) m/p-Xylenes	11.627	106	427892	111.274	ug/l		99
69) o-Xylene	11.956	106	202123	56.108	ug/l		99
70) Styrene	11.969	104	337489	56.307	ug/l		99
71) Bromoform	12.133	173	61959	53.590	ug/l	#	100
73) Isopropylbenzene	12.255	105	540978	56.974	ug/l		99
74) N-amyl acetate	12.072	43	133968	55.509	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.511	83	89240	53.254	ug/l		99
76) 1,2,3-Trichloropropane	12.560	75	118541	93.768	ug/l	#	100
77) Bromobenzene	12.536	156	122121	55.296	ug/l		98
78) n-propylbenzene	12.597	91	654255	56.783	ug/l		100
79) 2-Chlorotoluene	12.682	91	369065	55.813	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	440379	56.549	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	30268	53.216	ug/l		96
82) 4-Chlorotoluene	12.779	91	375340	54.757	ug/l		100
83) tert-Butylbenzene	12.999	119	393228	55.900	ug/l		99
84) 1,2,4-Trimethylbenzene	13.048	105	438538	56.621	ug/l		100
85) sec-Butylbenzene	13.176	105	571874	55.655	ug/l		99
86) p-Isopropyltoluene	13.292	119	484140	56.427	ug/l		100
87) 1,3-Dichlorobenzene	13.292	146	239404	54.800	ug/l		100
88) 1,4-Dichlorobenzene	13.371	146	233477	54.098	ug/l		99
89) n-Butylbenzene	13.621	91	459065	56.856	ug/l		100
90) Hexachloroethane	13.883	117	98634	55.035	ug/l		99
91) 1,2-Dichlorobenzene	13.663	146	208776	54.545	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	13821	52.137	ug/l		98
93) 1,2,4-Trichlorobenzene	14.925	180	132464	56.703	ug/l		99
94) Hexachlorobutadiene	15.029	225	78745	53.541	ug/l		99
95) Naphthalene	15.151	128	222839	57.589	ug/l		100
96) 1,2,3-Trichlorobenzene	15.334	180	112466	56.980	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021317.D
Acq On : 25 Feb 2025 17:31
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Quant Time: Feb 26 03:42:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021317.D
Acq On : 25 Feb 2025 17:31
Operator : SY/MD
Sample : VSTDICV050
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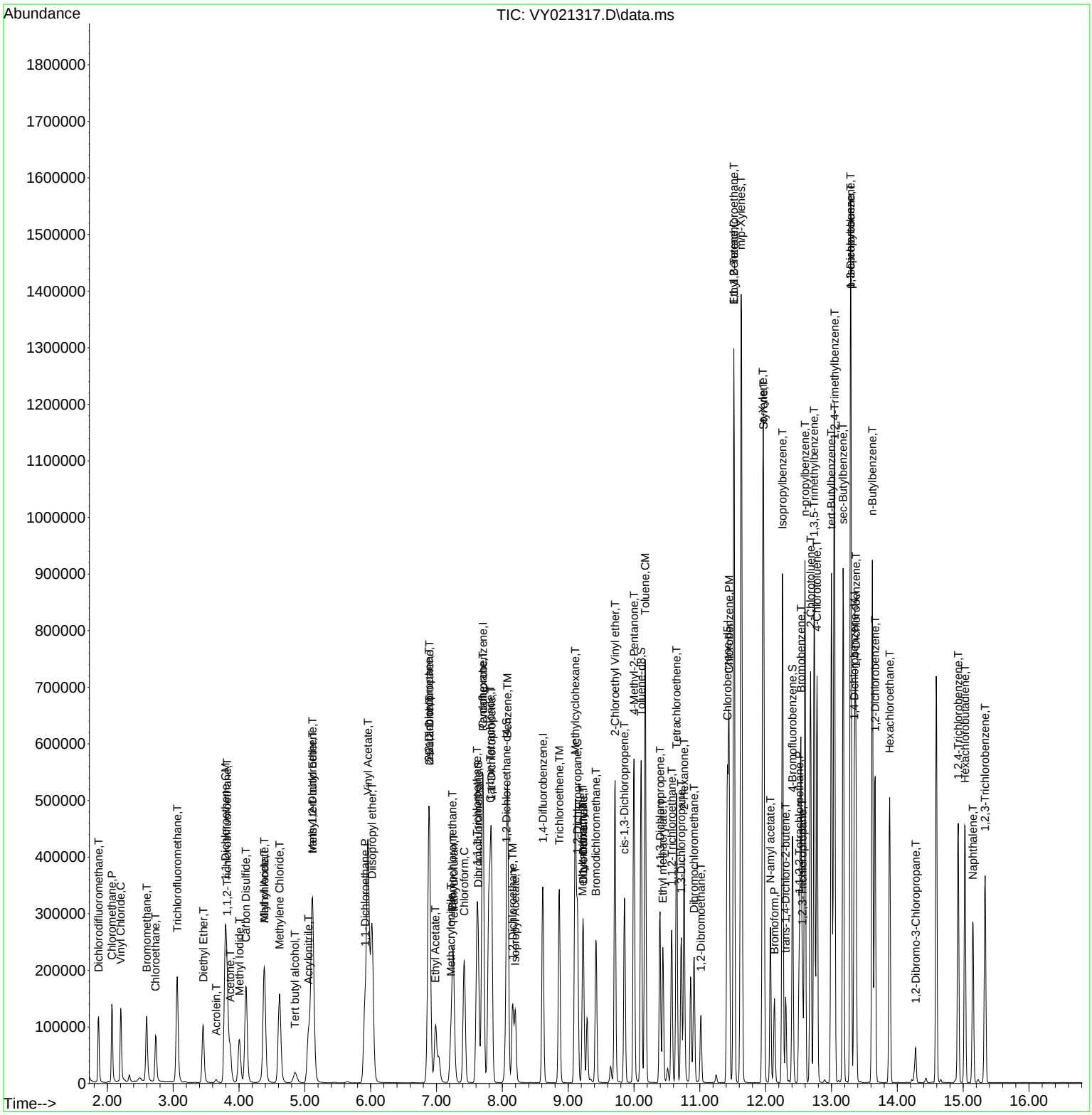
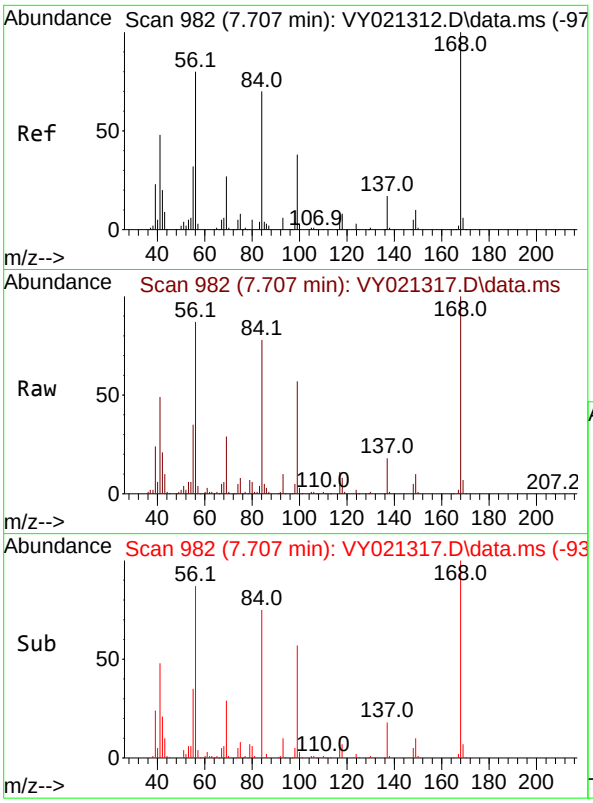
ICVVY022525

Quant Time: Feb 26 03:42:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration



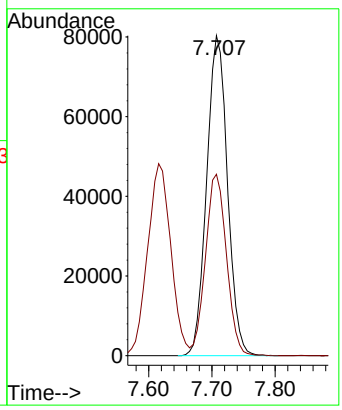


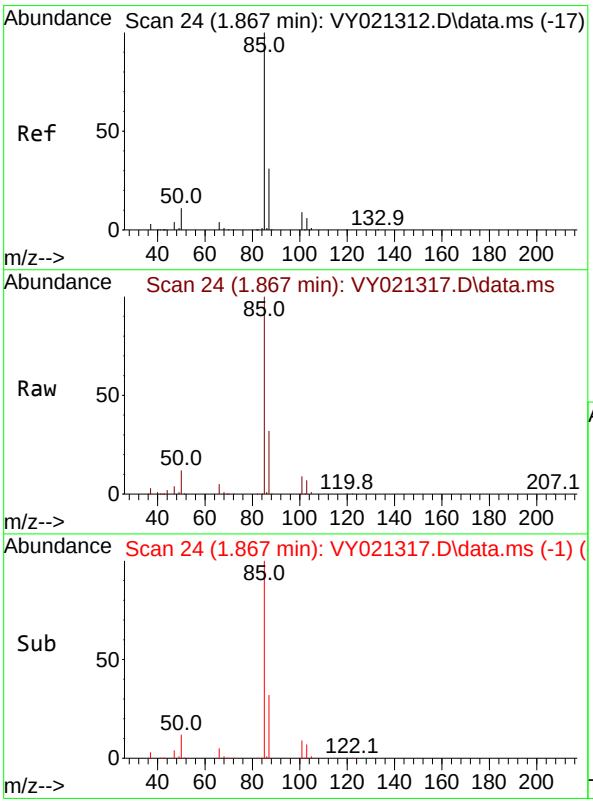
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion:168 Resp: 183832

Ion	Ratio	Lower	Upper
168	100		
99	56.7	47.1	70.7

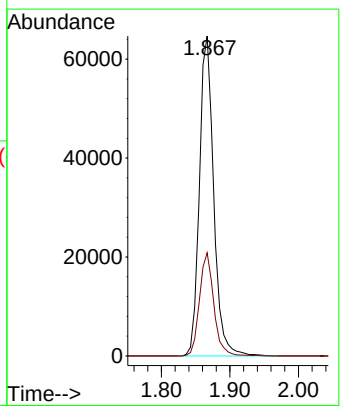


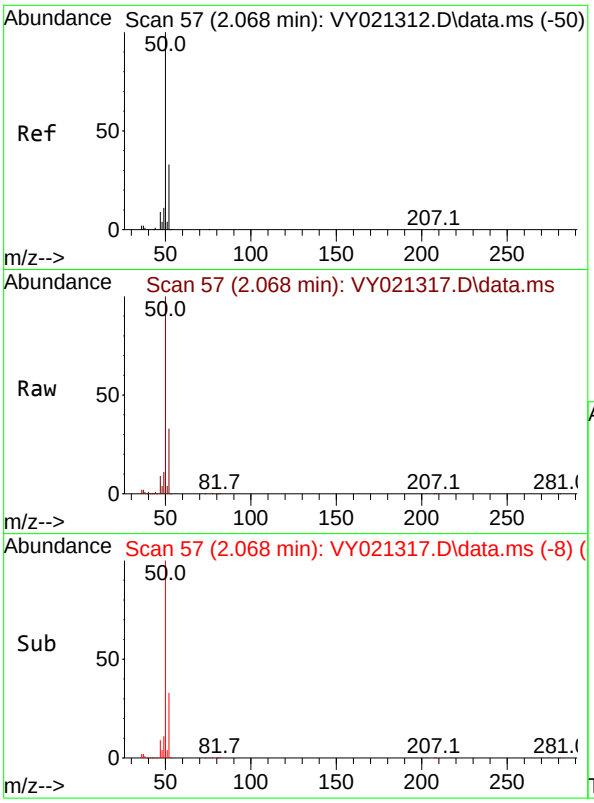


#2
Dichlorodifluoromethane
Concen: 53.871 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 85 Resp: 93894

Ion	Ratio	Lower	Upper
85	100		
87	32.3	15.4	46.4



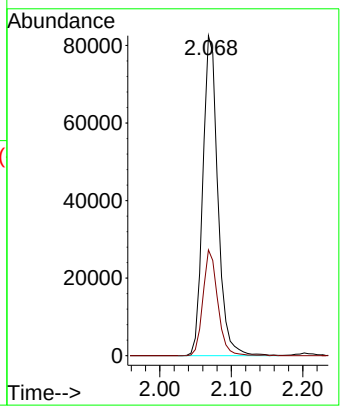


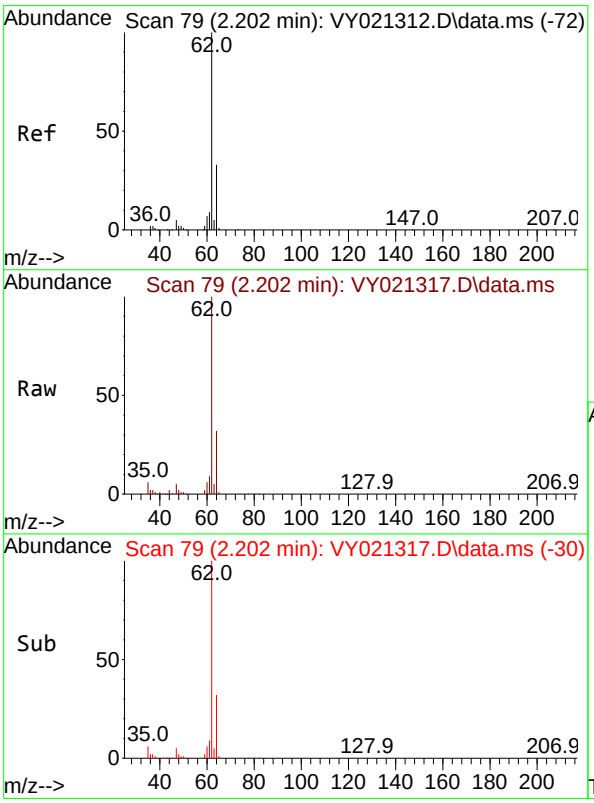
#3
Chloromethane
Concen: 53.523 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion: 50 Resp: 120479

Ion	Ratio	Lower	Upper
50	100		
52	33.0	26.6	40.0

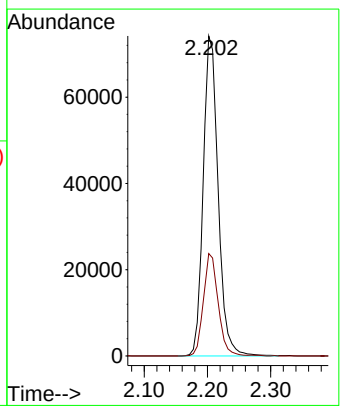


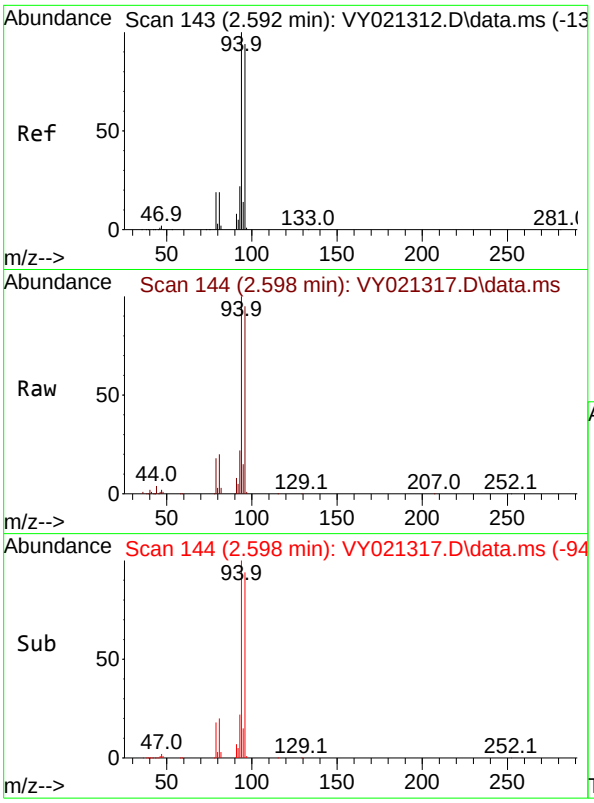


#4
Vinyl Chloride
Concen: 55.184 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 62 Resp: 121922

Ion	Ratio	Lower	Upper
62	100		
64	32.0	26.3	39.5



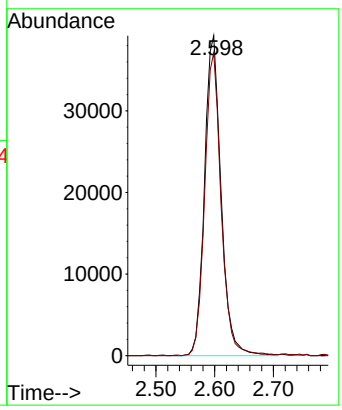


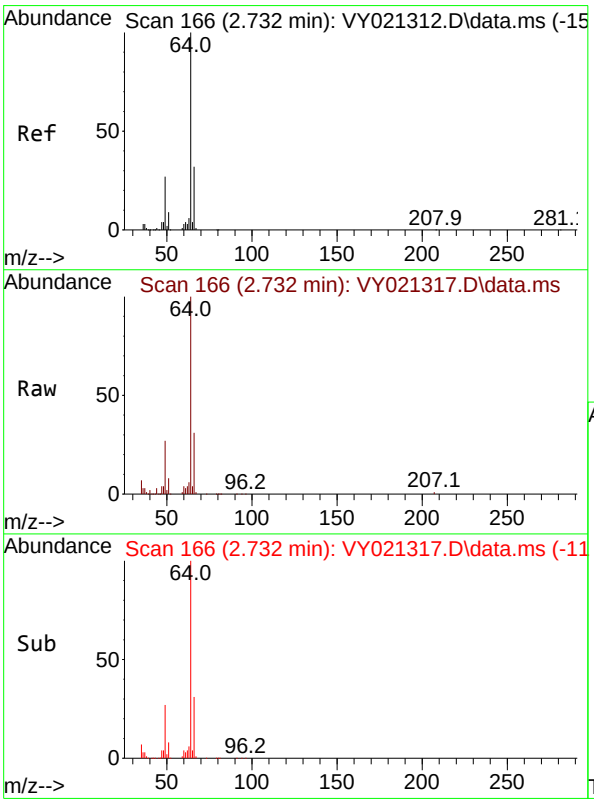
#5
Bromomethane
Concen: 52.483 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion: 94 Resp: 77054

Ion	Ratio	Lower	Upper
94	100		
96	94.4	75.2	112.8

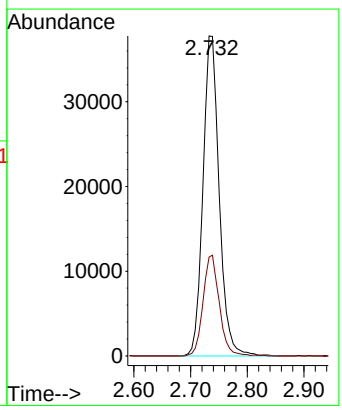


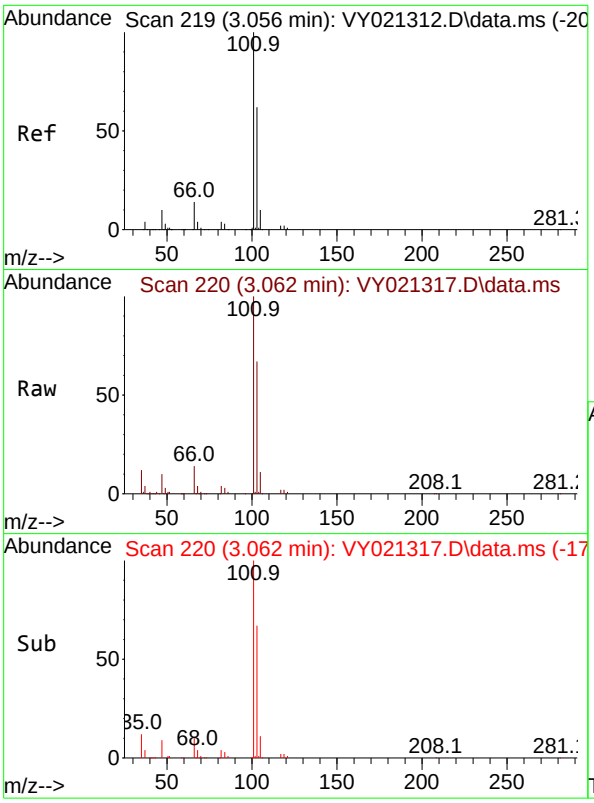


#6
Chloroethane
Concen: 54.804 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 64 Resp: 75086

Ion	Ratio	Lower	Upper
64	100		
66	30.9	25.4	38.0



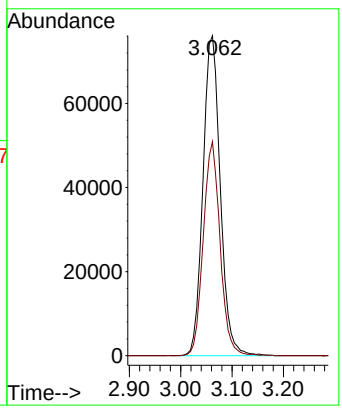


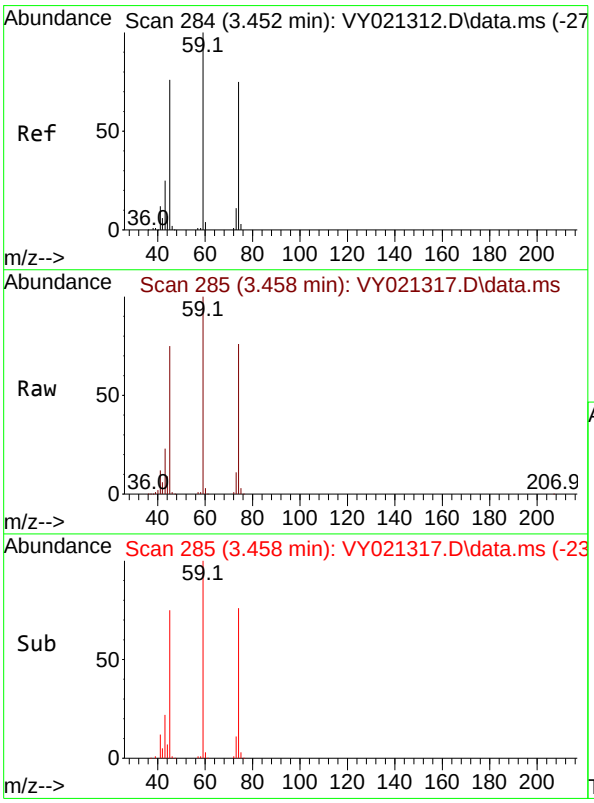
#7
Trichlorofluoromethane
Concen: 53.384 ug/l
RT: 3.062 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion:101 Resp: 178123

Ion	Ratio	Lower	Upper
101	100		
103	66.9	49.7	74.5

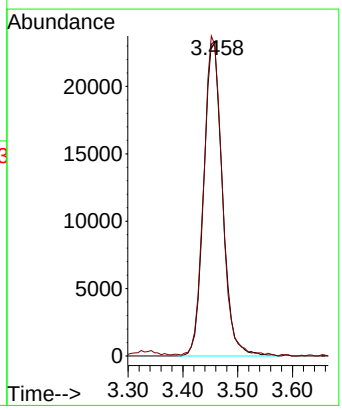


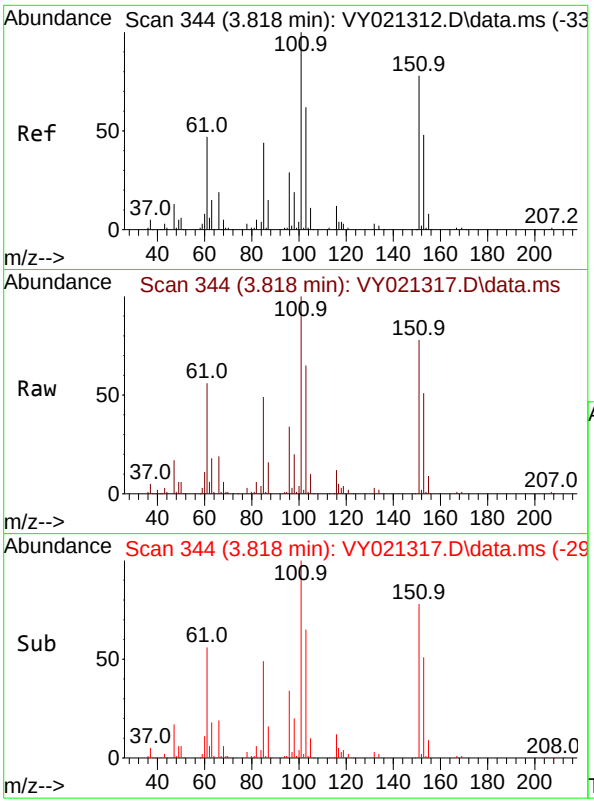


#8
Diethyl Ether
Concen: 54.849 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 74 Resp: 54929

Ion	Ratio	Lower	Upper
74	100		
45	101.8	50.3	150.9



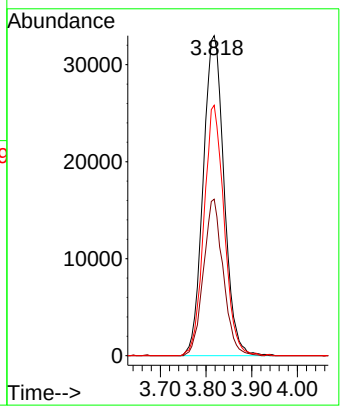


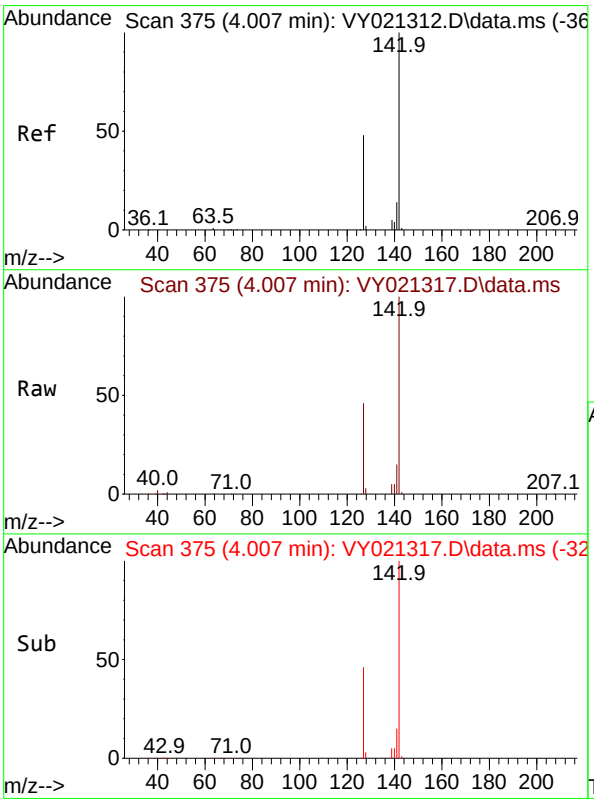
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.188 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion:101 Resp: 104678

Ion	Ratio	Lower	Upper
101	100		
85	46.2	36.7	55.1
151	75.8	62.6	94.0

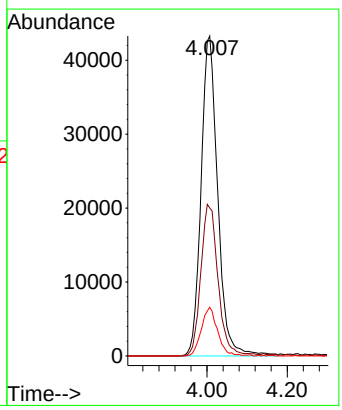


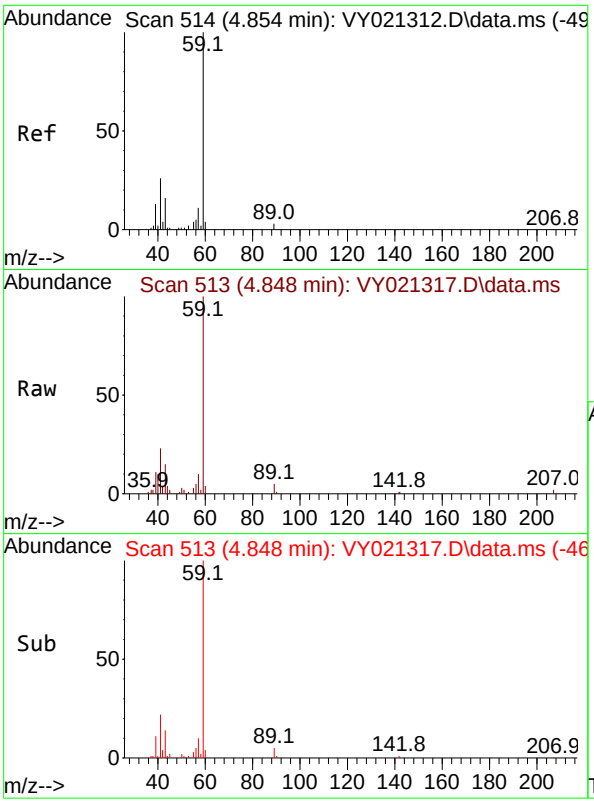


#10
Methyl Iodide
Concen: 61.361 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:142 Resp: 124707

Ion	Ratio	Lower	Upper
142	100		
127	49.0	39.2	58.8
141	14.8	11.4	17.2



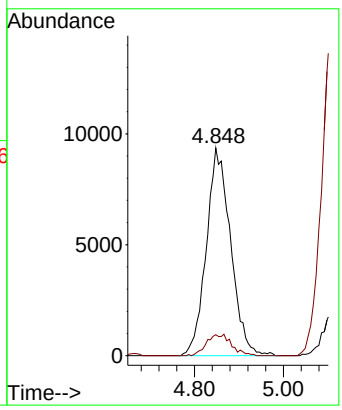


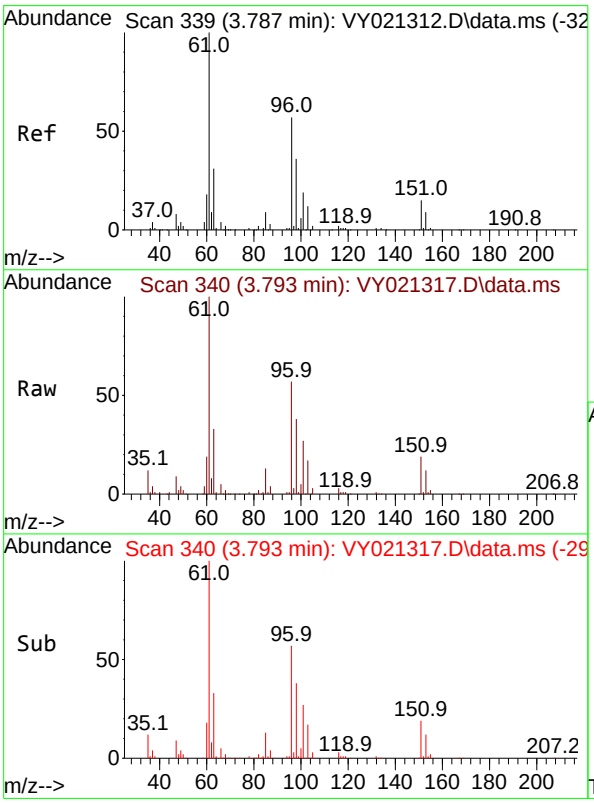
#11
Tert butyl alcohol
Concen: 221.762 ug/l
RT: 4.848 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion: 59 Resp: 35572

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.3	12.5

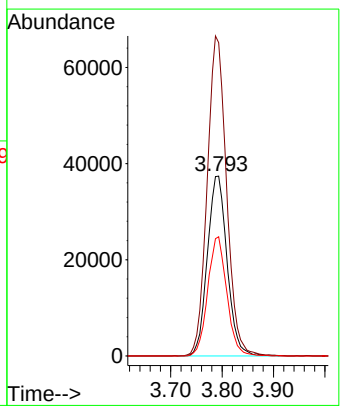


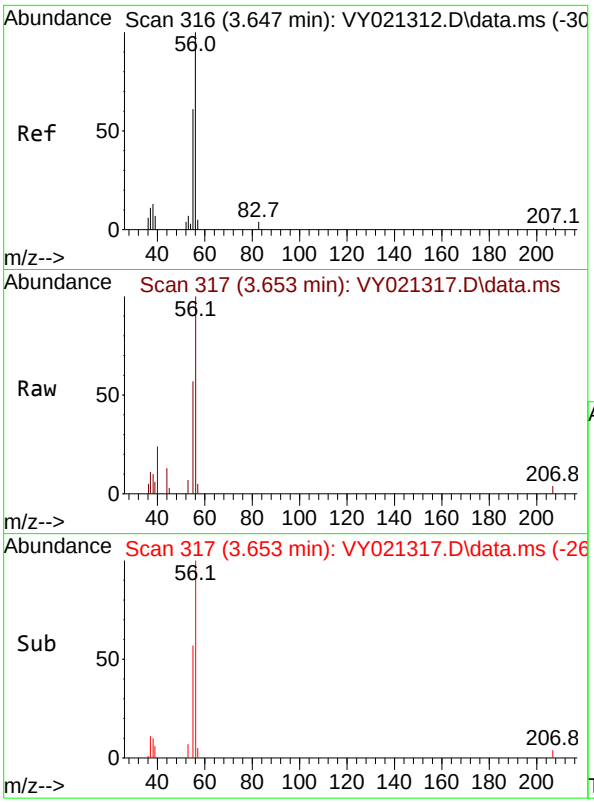


#12
1,1-Dichloroethene
Concen: 54.104 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 96 Resp: 100075

Ion	Ratio	Lower	Upper
96	100		
61	174.2	139.7	209.5
98	66.3	49.7	74.5



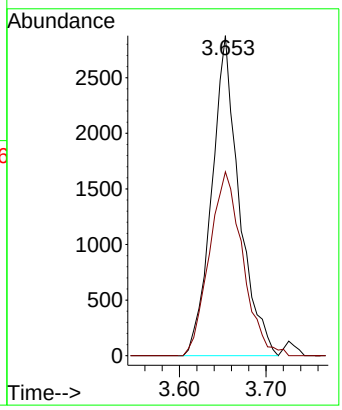


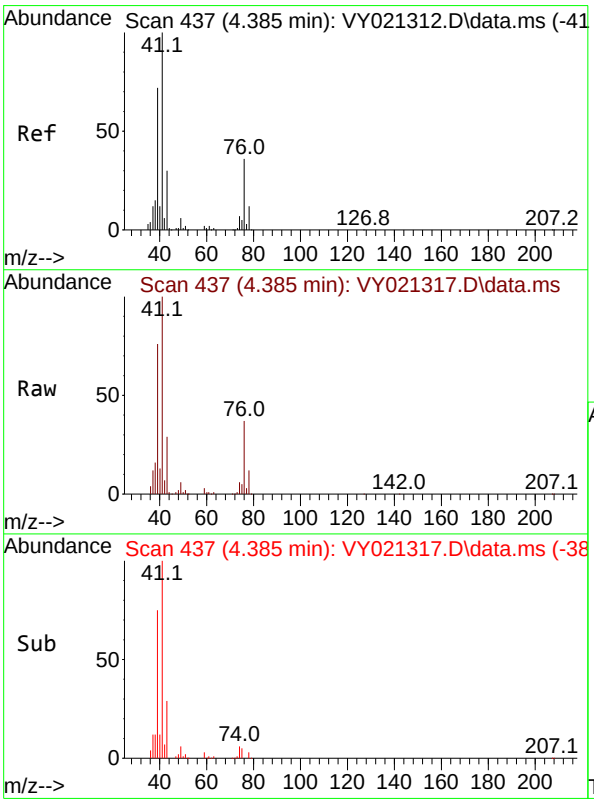
#13
Acrolein
Concen: 51.554 ug/l
RT: 3.653 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion: 56 Resp: 6337

Ion	Ratio	Lower	Upper
56	100		
55	69.9	59.0	88.6

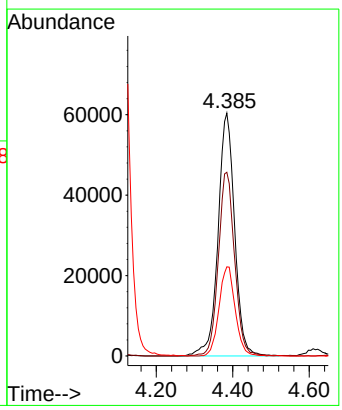


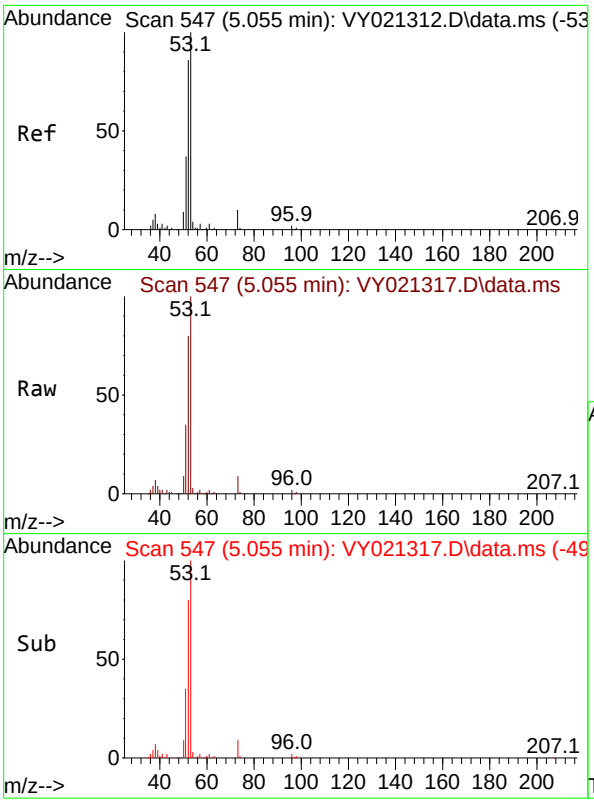


#14
Allyl chloride
Concen: 55.361 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 41 Resp: 181554

Ion	Ratio	Lower	Upper
41	100		
39	74.4	60.0	90.0
76	35.8	29.0	43.6



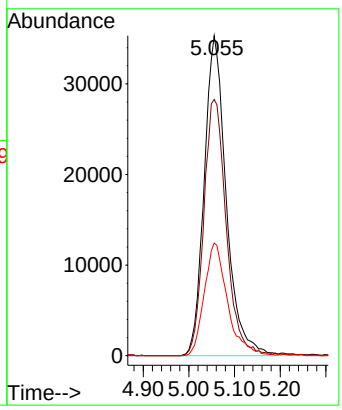


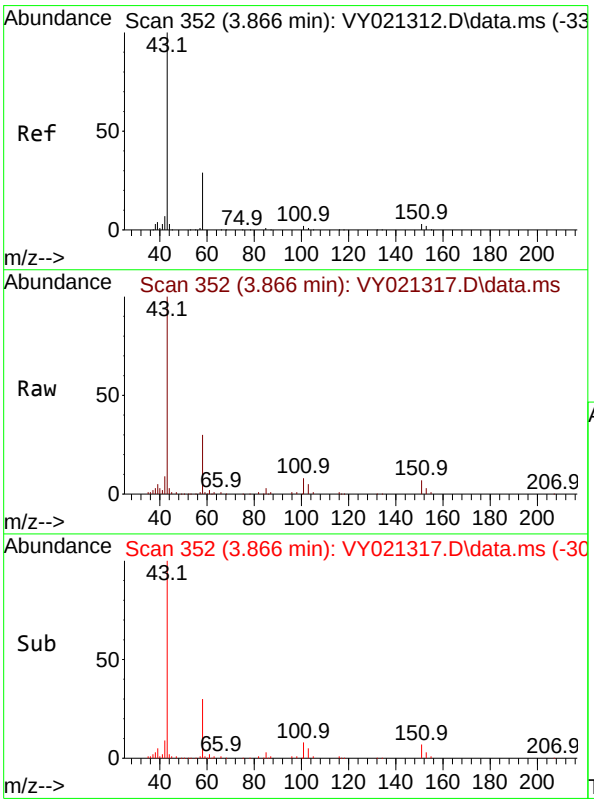
#15
Acrylonitrile
Concen: 267.274 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion: 53 Resp: 118343

Ion	Ratio	Lower	Upper
53	100		
52	81.2	65.5	98.3
51	37.1	30.6	46.0

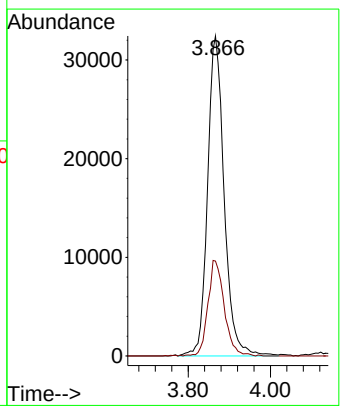


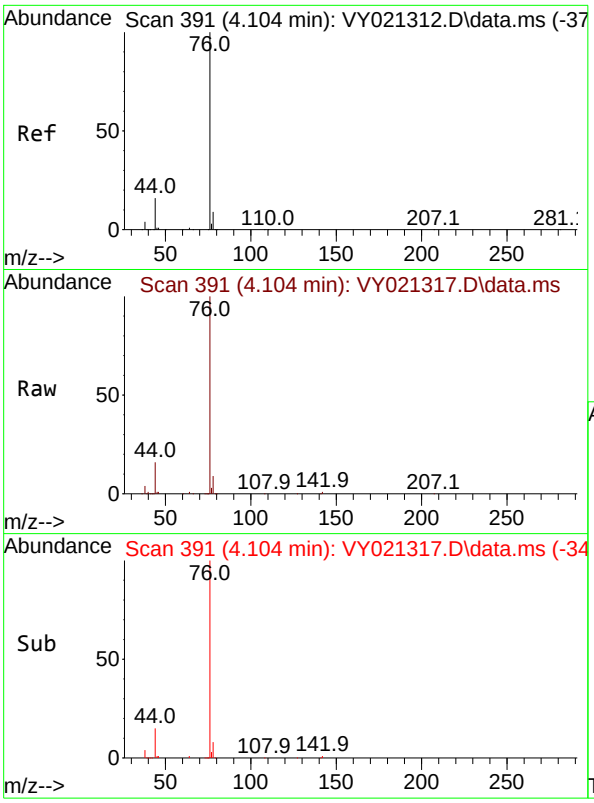


#16
Acetone
Concen: 227.197 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 43 Resp: 90886

Ion	Ratio	Lower	Upper
43	100		
58	29.7	23.5	35.3



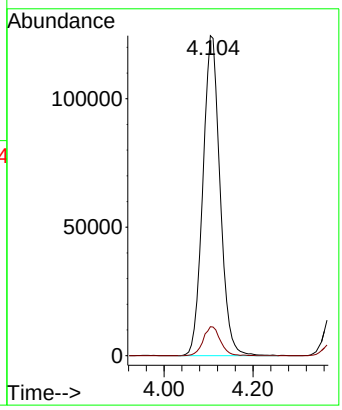


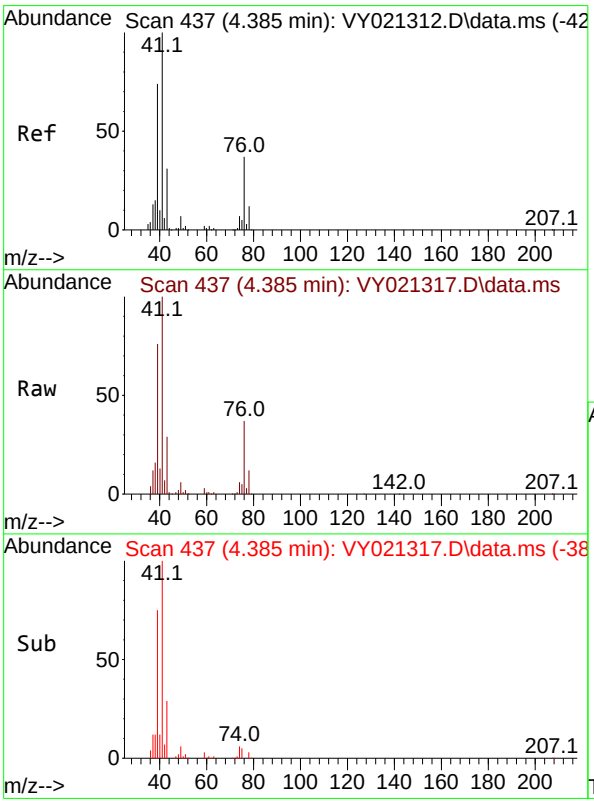
#17
Carbon Disulfide
Concen: 54.581 ug/l
RT: 4.104 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion: 76 Resp: 335241

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7

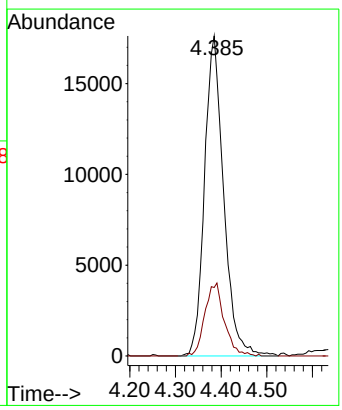


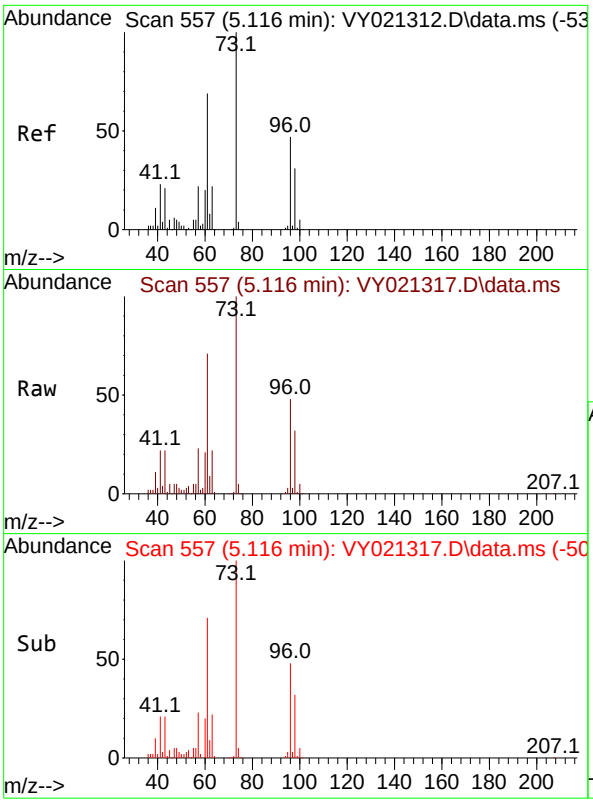


#18
Methyl Acetate
Concen: 52.372 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 43 Resp: 51200

Ion	Ratio	Lower	Upper
43	100		
74	23.2	17.7	26.5



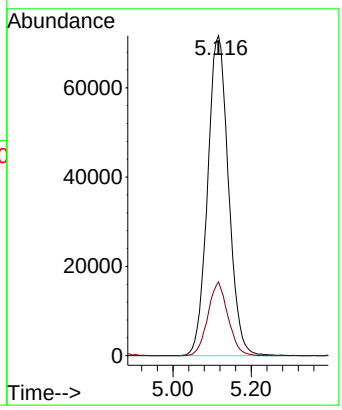


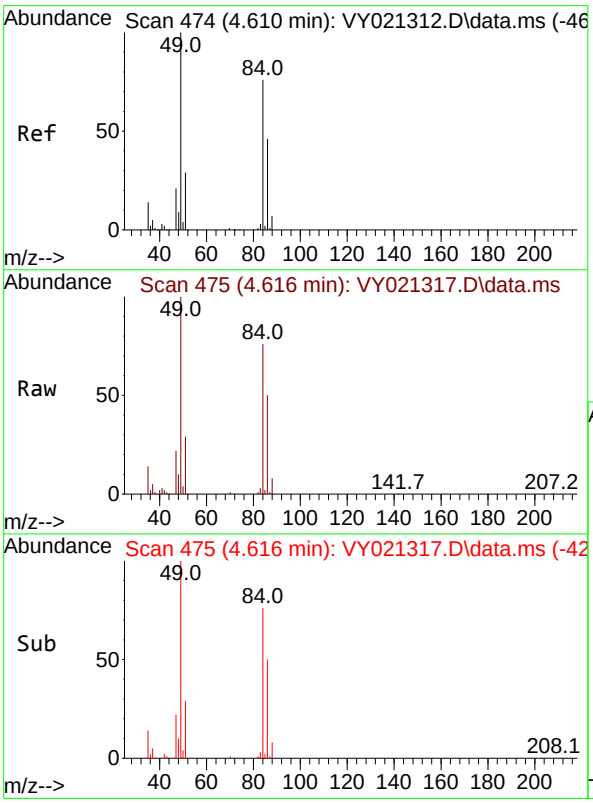
#19
Methyl tert-butyl Ether
Concen: 54.311 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion: 73 Resp: 265419

Ion	Ratio	Lower	Upper
73	100		
57	23.0	17.4	26.0

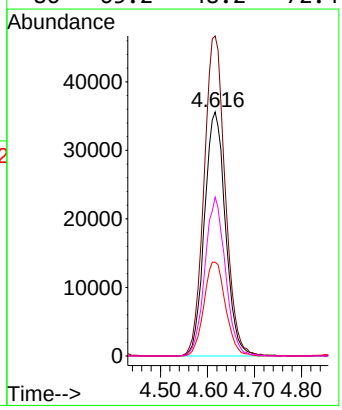


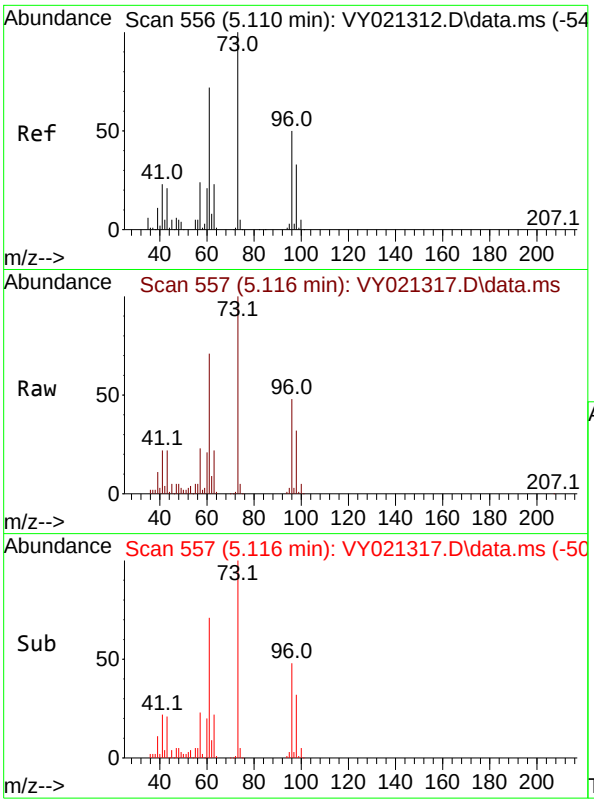


#20
Methylene Chloride
Concen: 51.062 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 84 Resp: 110456

Ion	Ratio	Lower	Upper
84	100		
49	131.2	105.1	157.7
51	38.4	31.0	46.4
86	65.2	48.2	72.4



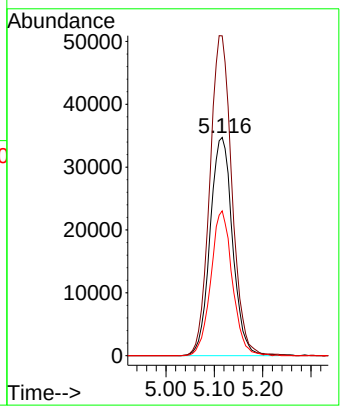


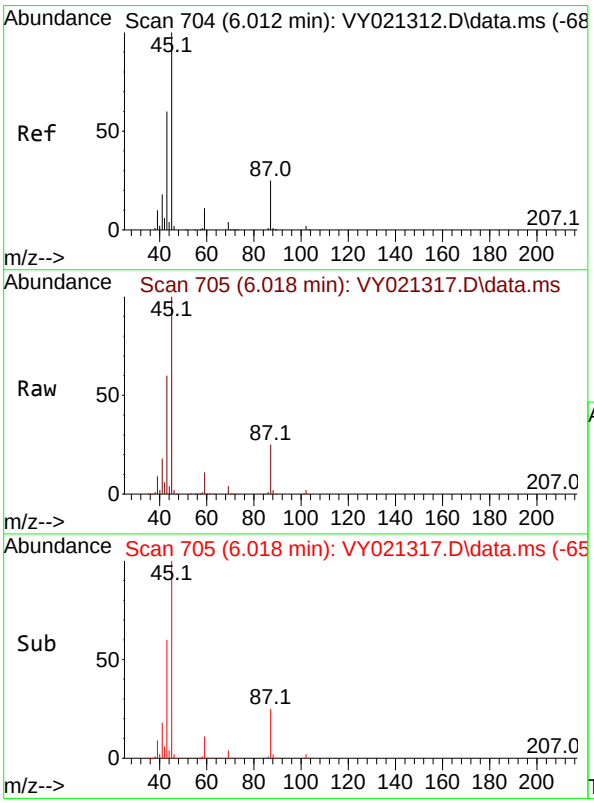
#21
trans-1,2-Dichloroethene
Concen: 55.044 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion: 96 Resp: 112082

Ion	Ratio	Lower	Upper
96	100		
61	146.6	116.3	174.5
98	66.4	52.6	78.8

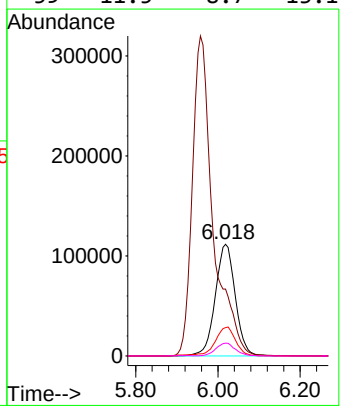


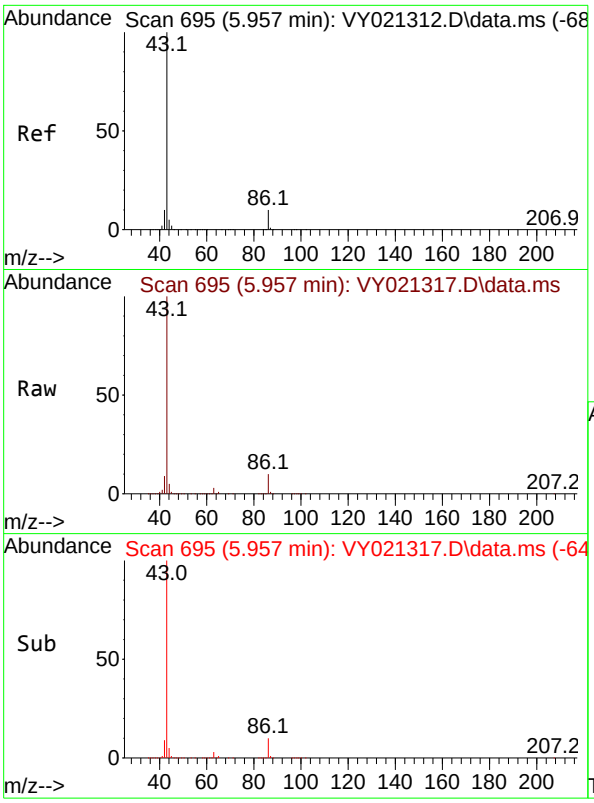


#22
Diisopropyl ether
Concen: 55.595 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 45 Resp: 377281

Ion	Ratio	Lower	Upper
45	100		
43	59.4	48.2	72.4
87	25.4	20.3	30.5
59	11.5	8.7	13.1



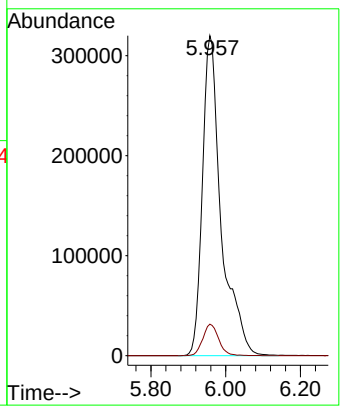


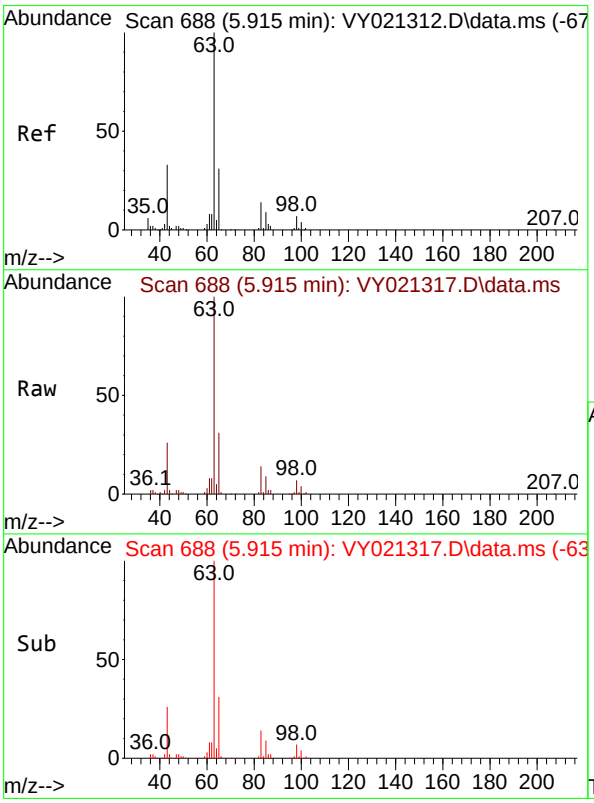
#23
Vinyl Acetate
Concen: 275.197 ug/l
RT: 5.957 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion: 43 Resp: 1116005

Ion	Ratio	Lower	Upper
43	100		
86	9.8	8.0	12.0

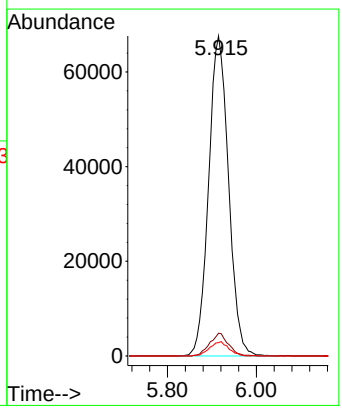


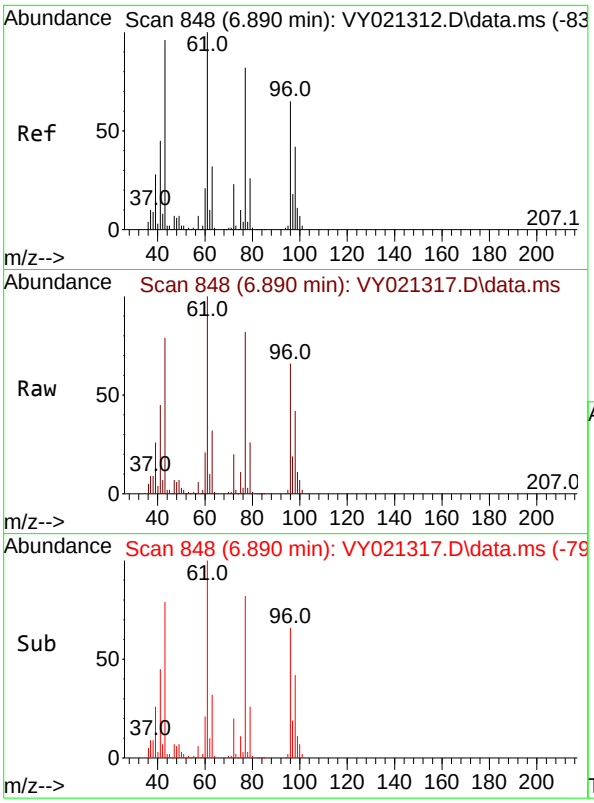


#24
1,1-Dichloroethane
Concen: 55.004 ug/l
RT: 5.915 min Scan# 688
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 63 Resp: 210383

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.7	11.1
100	4.2	2.1	6.5



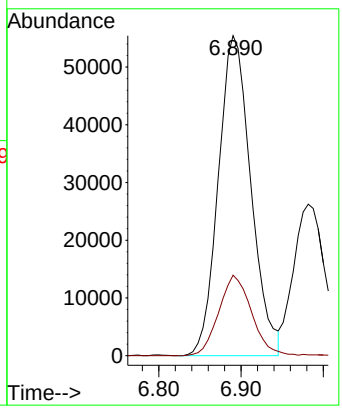


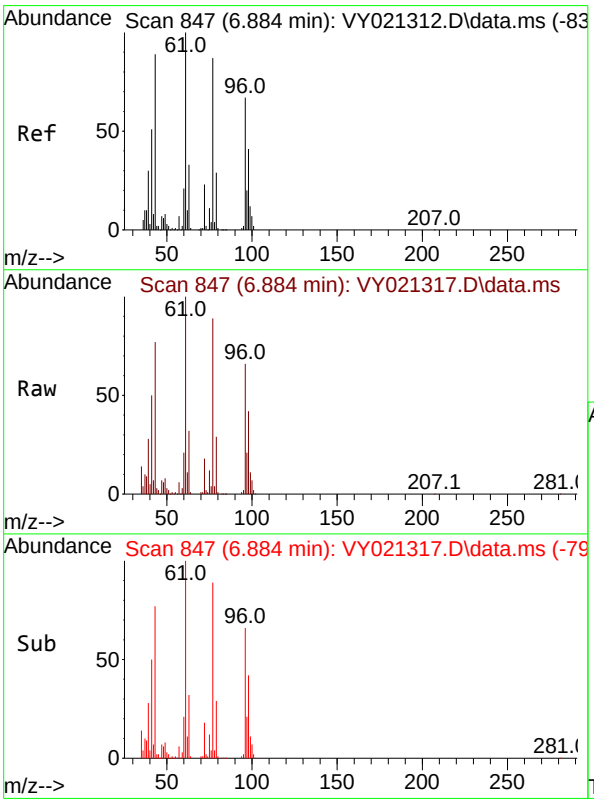
#25
2-Butanone
Concen: 253.246 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion: 43 Resp: 152895

Ion	Ratio	Lower	Upper
43	100		
72	25.2	19.0	28.6

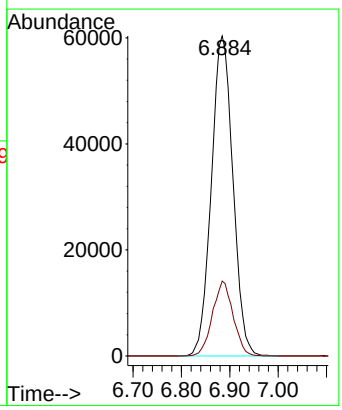


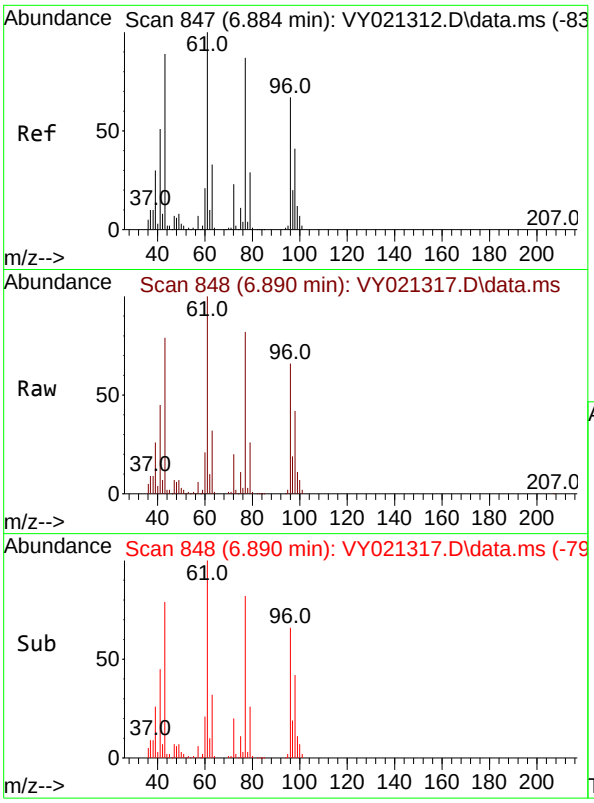


#26
2,2-Dichloropropane
Concen: 53.893 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 77 Resp: 187045

Ion	Ratio	Lower	Upper
77	100		
97	22.4	10.9	32.7



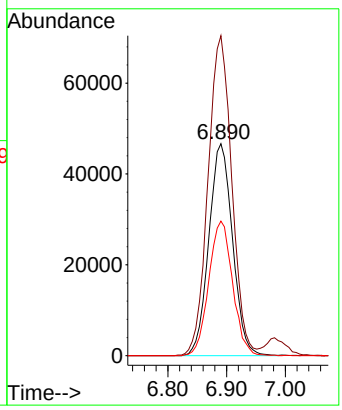


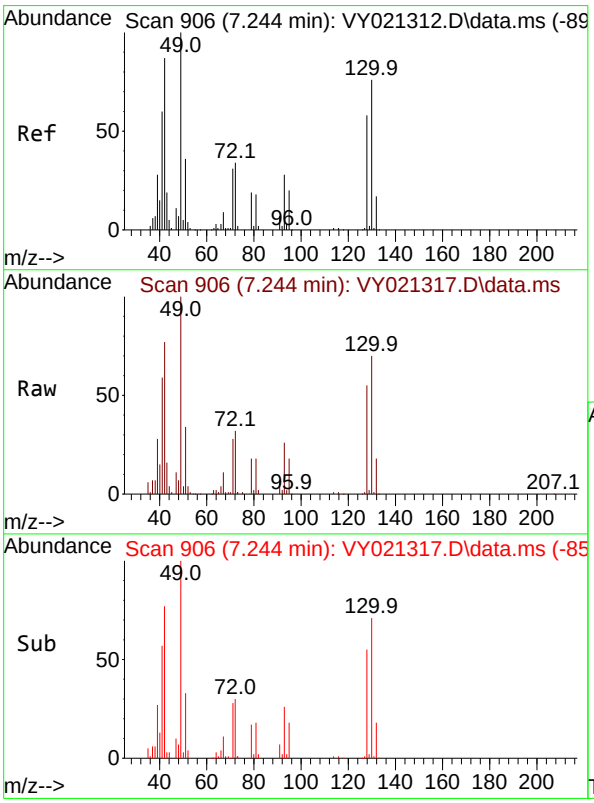
#27
cis-1,2-Dichloroethene
Concen: 56.305 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion: 96 Resp: 130921

Ion	Ratio	Lower	Upper
96	100		
61	151.3	0.0	308.0
98	63.7	0.0	129.6

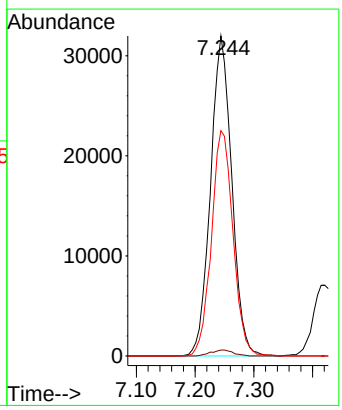


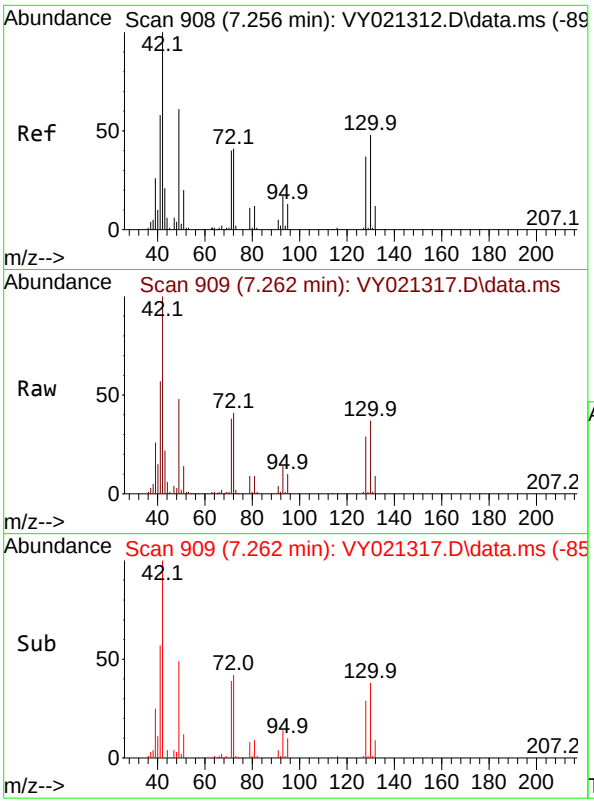


#28
Bromochloromethane
Concen: 47.452 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 49 Resp: 80309

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	71.5	57.8	86.6



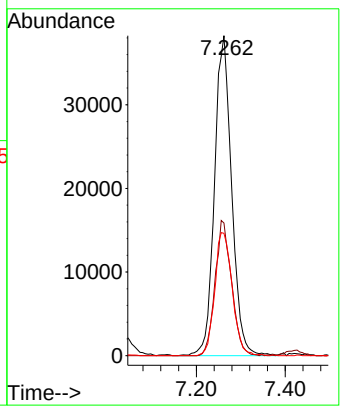


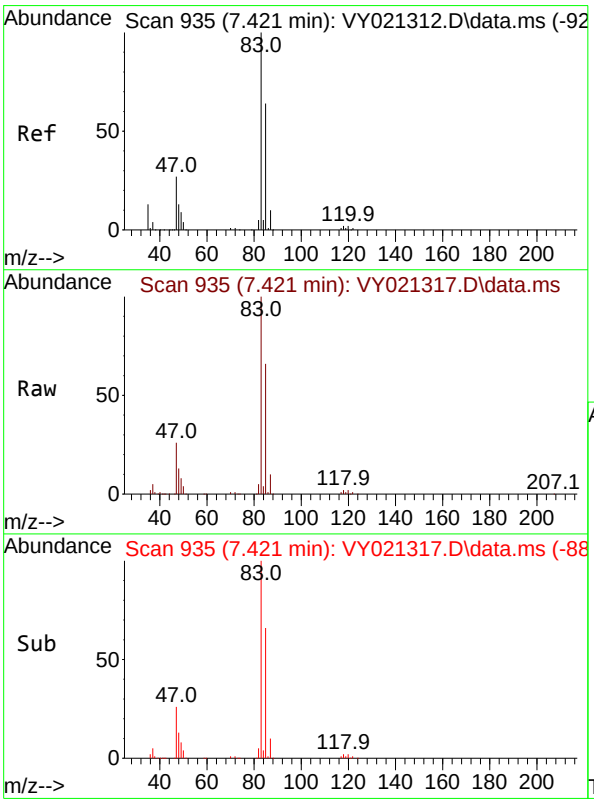
#29
Tetrahydrofuran
Concen: 260.172 ug/l
RT: 7.262 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion: 42 Resp: 102673

Ion	Ratio	Lower	Upper
42	100		
72	40.4	33.1	49.7
71	39.2	31.4	47.0

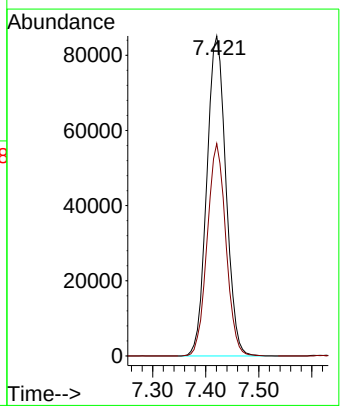


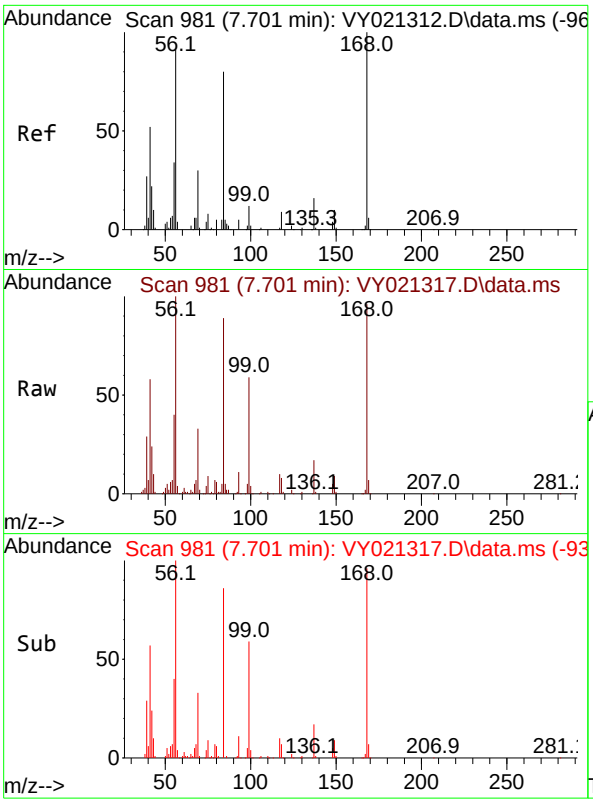


#30
Chloroform
Concen: 55.023 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 83 Resp: 213255

Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.6	77.4



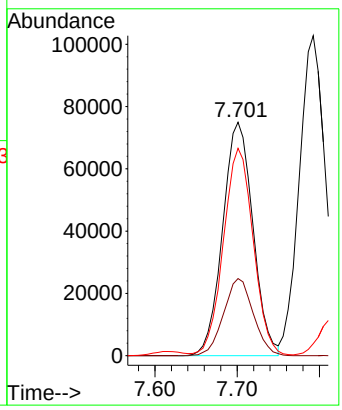


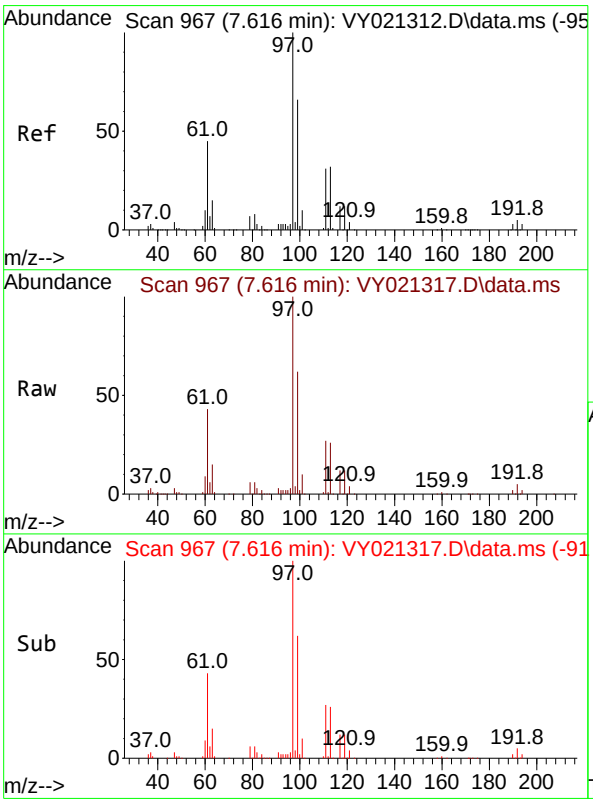
#31
Cyclohexane
Concen: 52.180 ug/l
RT: 7.701 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion: 56 Resp: 191850

Ion	Ratio	Lower	Upper
56	100		
69	33.0	26.2	39.4
84	87.3	70.2	105.4

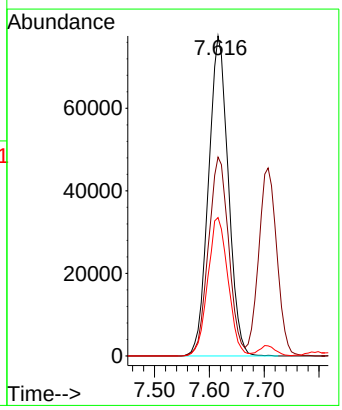


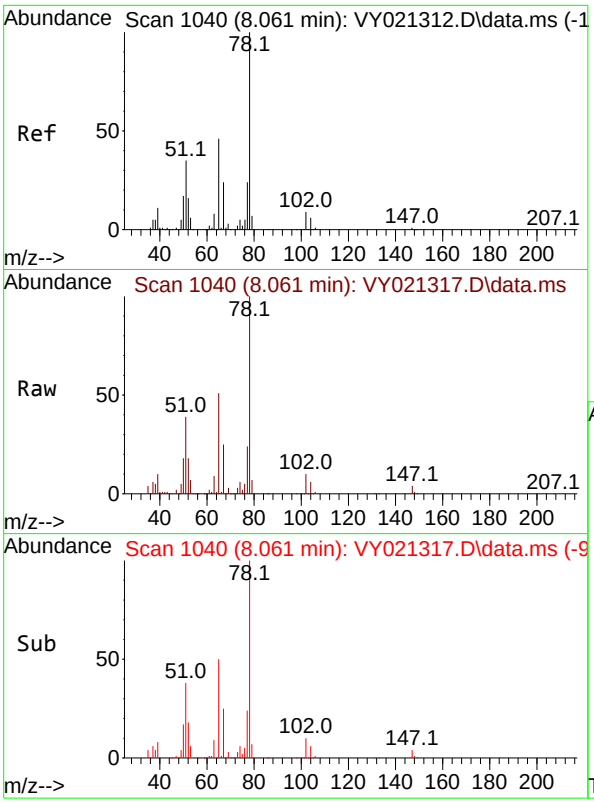


#32
1,1,1-Trichloroethane
Concen: 55.084 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 97 Resp: 194325

Ion	Ratio	Lower	Upper
97	100		
99	63.6	52.4	78.6
61	44.3	36.2	54.2



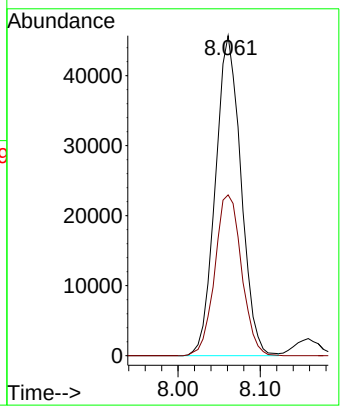


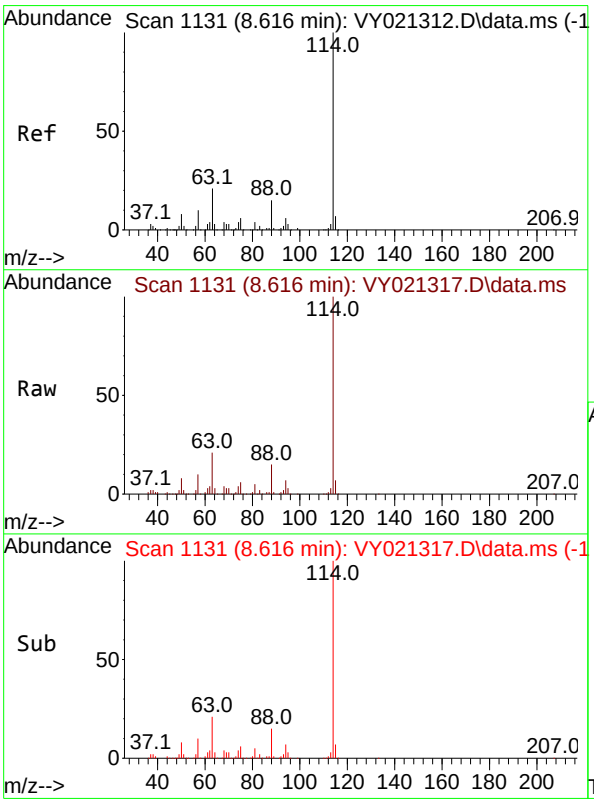
#33
1,2-Dichloroethane-d4
Concen: 47.453 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion: 65 Resp: 98960

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	103.6

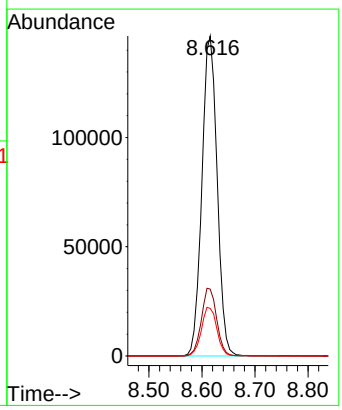


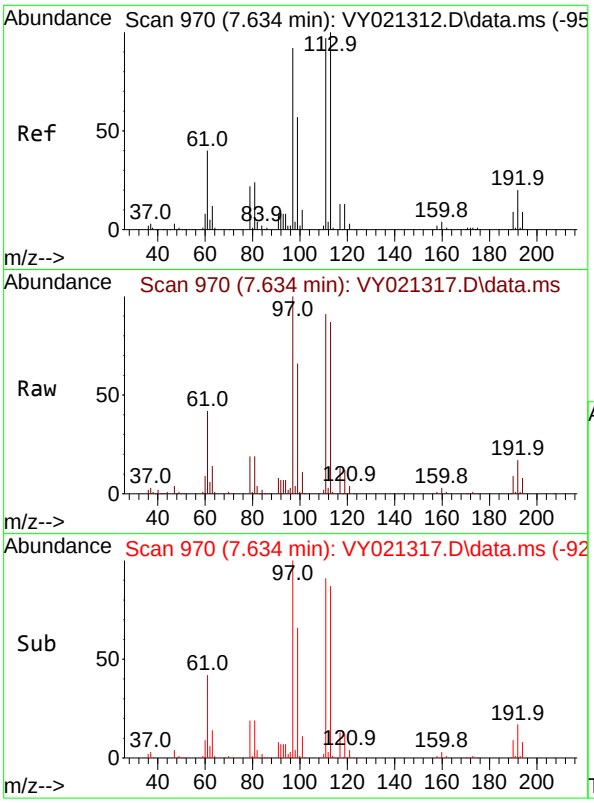


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:114 Resp: 292214

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.2
88	14.9	0.0	29.8



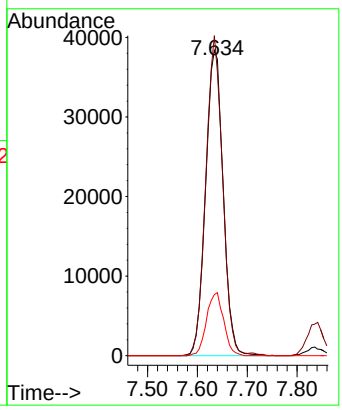


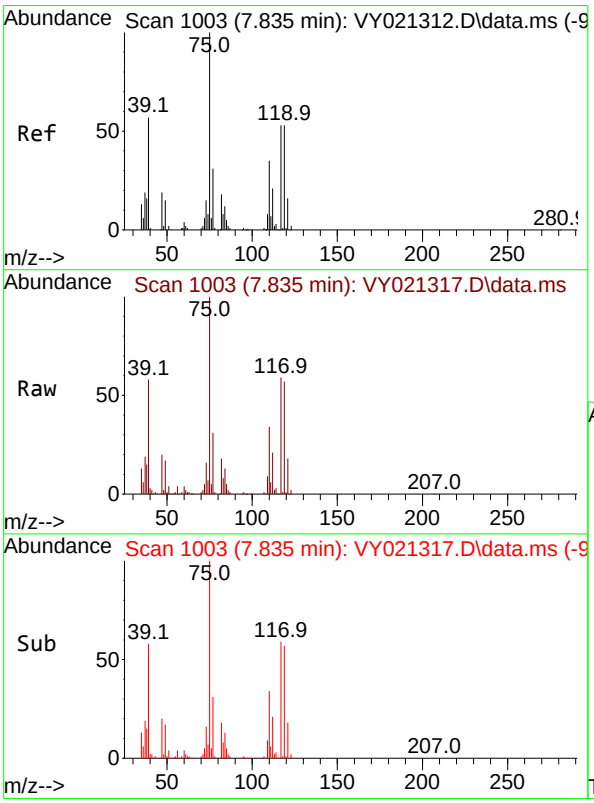
#35
Dibromofluoromethane
Concen: 49.037 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion:113 Resp: 93944

Ion	Ratio	Lower	Upper
113	100		
111	100.0	81.0	121.6
192	20.1	15.8	23.8

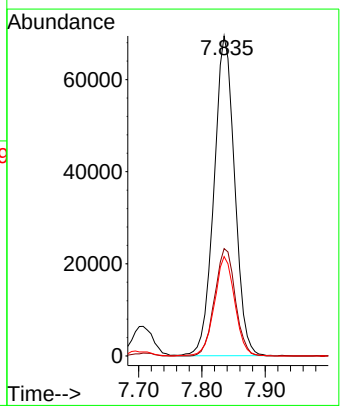


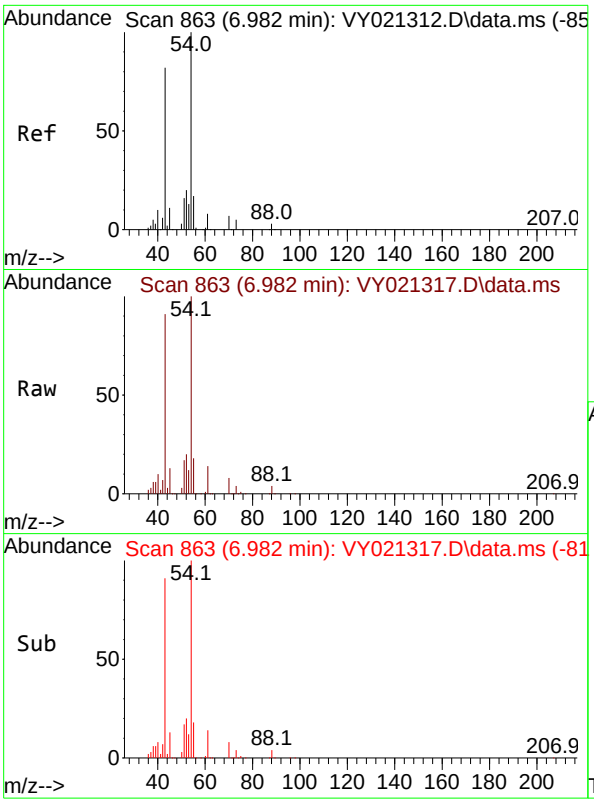


#36
1,1-Dichloropropene
Concen: 54.593 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 75 Resp: 157102

Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.9	50.7
77	30.7	24.6	36.8



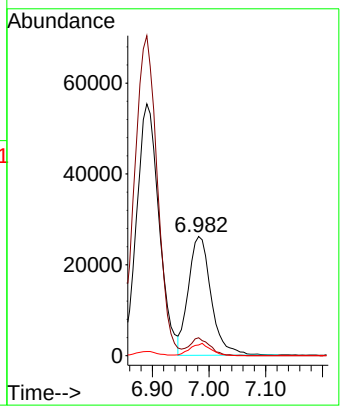


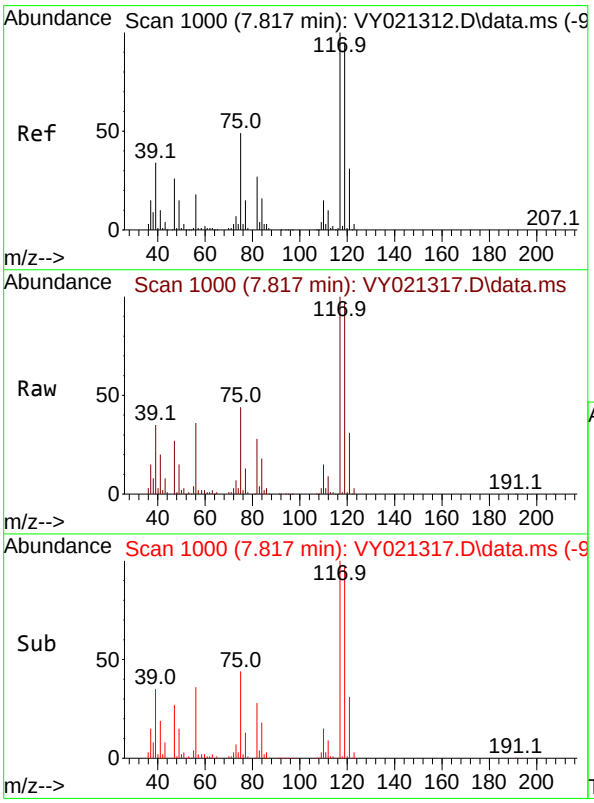
#37
Ethyl Acetate
Concen: 50.864 ug/l
RT: 6.982 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion: 43 Resp: 72810

Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.4	15.6
70	9.4	7.5	11.3

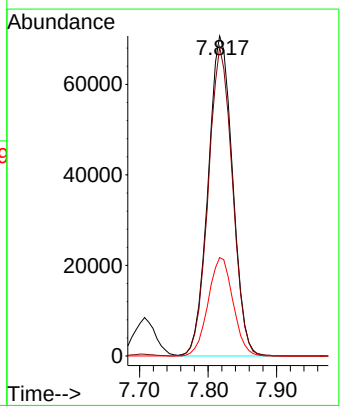


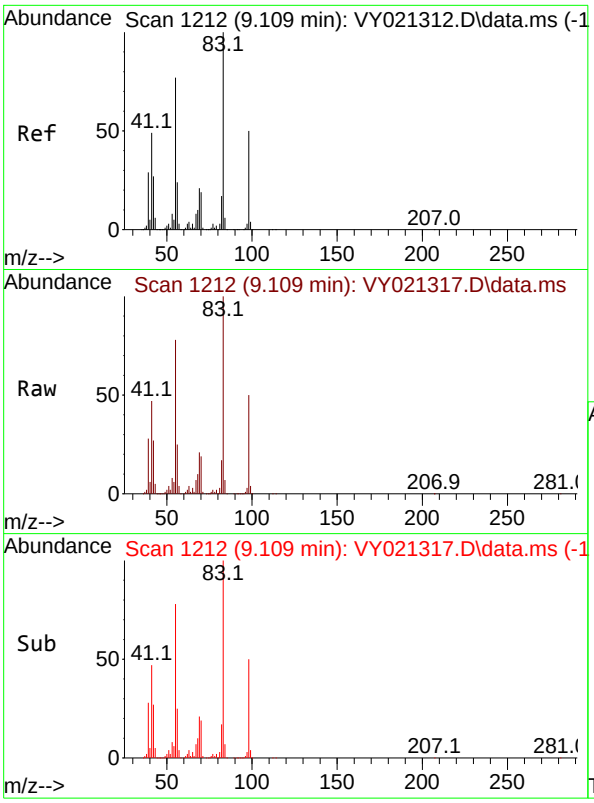


#38
Carbon Tetrachloride
Concen: 54.157 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:117 Resp: 175208

Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.0	114.0
121	30.8	24.9	37.3



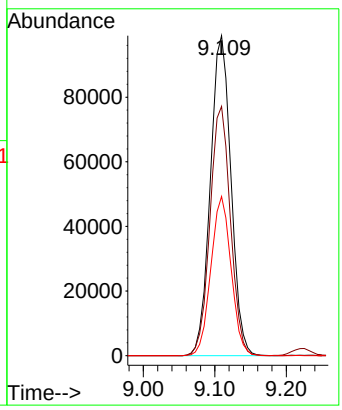


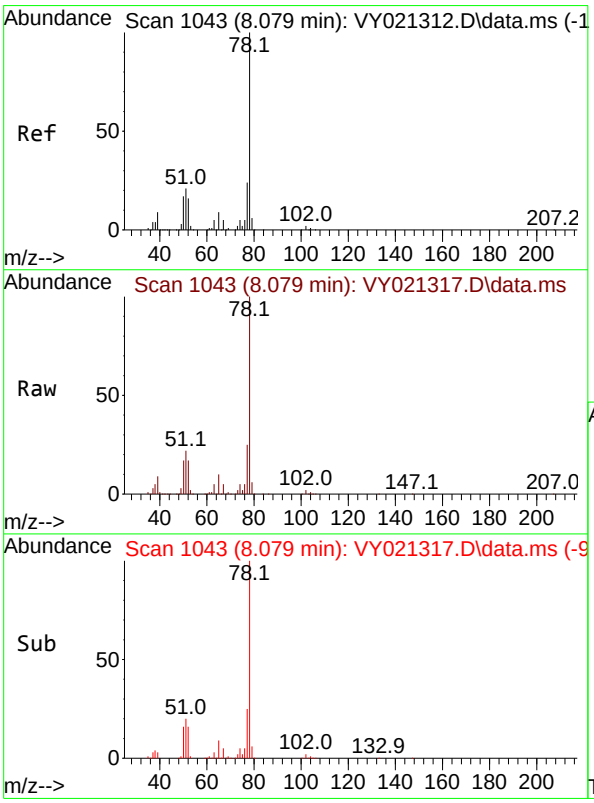
#39
Methylcyclohexane
Concen: 54.397 ug/l
RT: 9.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion: 83 Resp: 197993

Ion	Ratio	Lower	Upper
83	100		
55	77.9	61.3	91.9
98	49.7	39.9	59.9

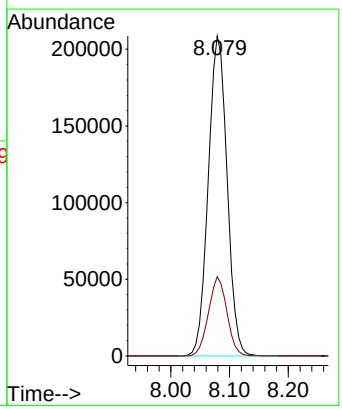


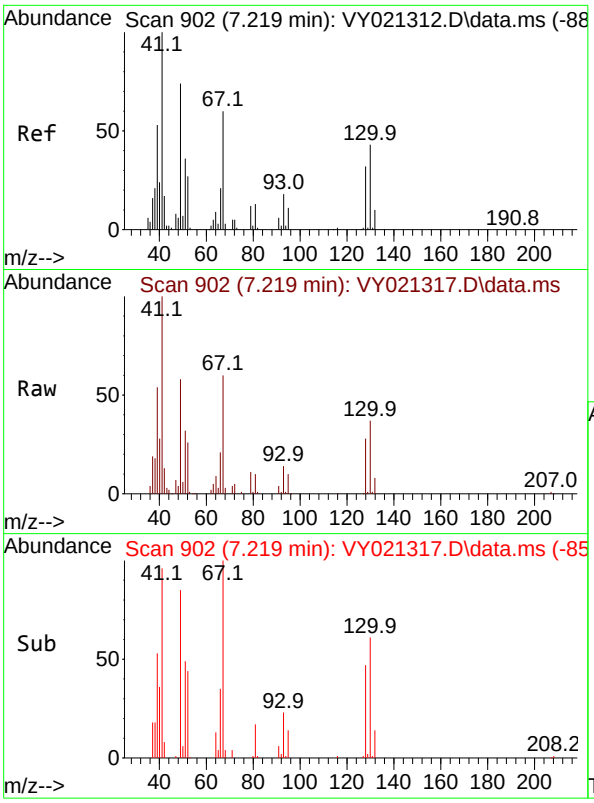


#40
Benzene
Concen: 54.583 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 78 Resp: 464323

Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.2	28.8



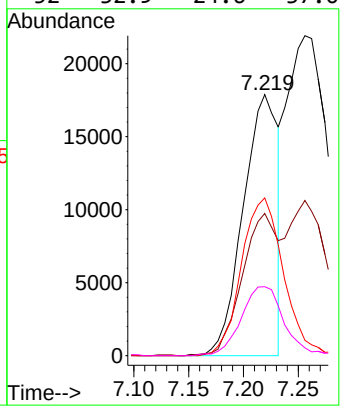


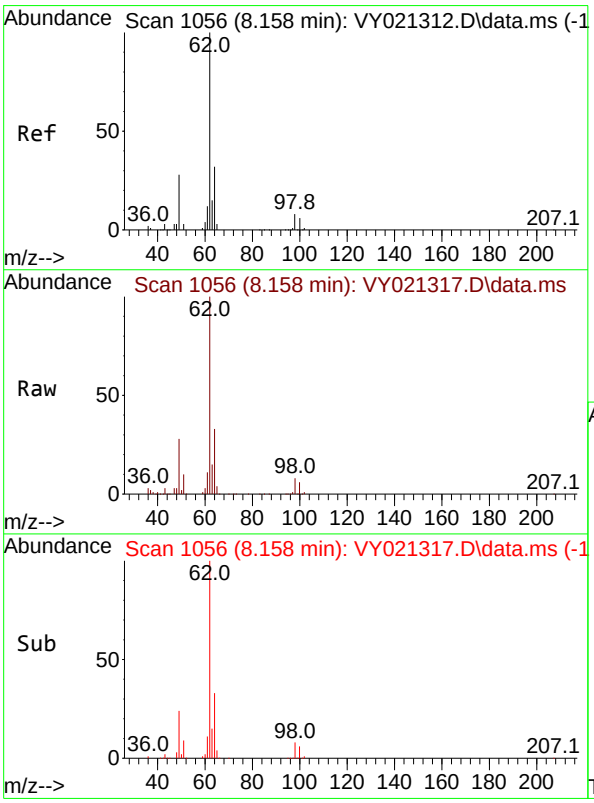
#41
Methacrylonitrile
Concen: 49.244 ug/l
RT: 7.219 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion: 41 Resp: 39412

Ion	Ratio	Lower	Upper
41	100		
39	54.9	42.3	63.5
67	73.3	54.8	82.2
52	32.9	24.6	37.0

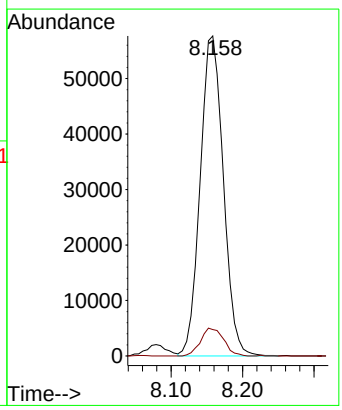


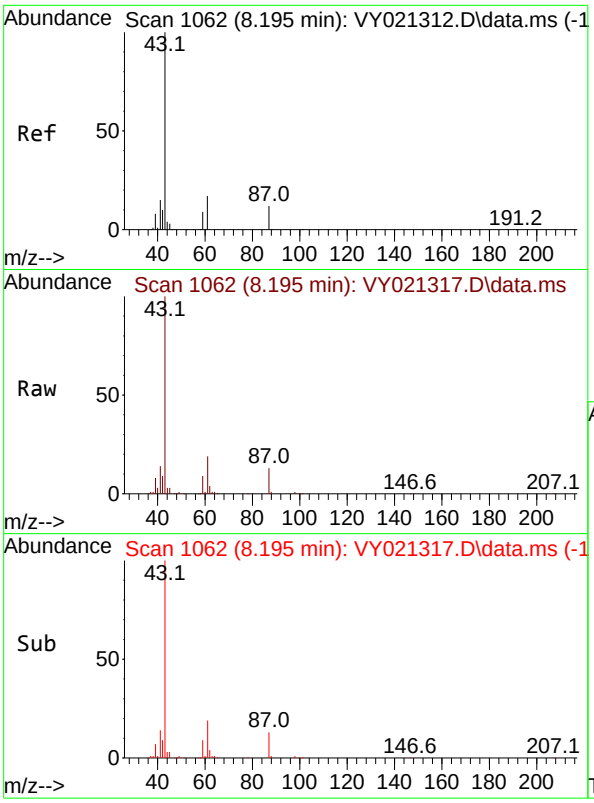


#42
1,2-Dichloroethane
Concen: 53.746 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 62 Resp: 129718

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.6



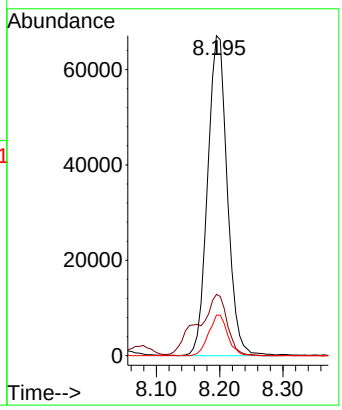


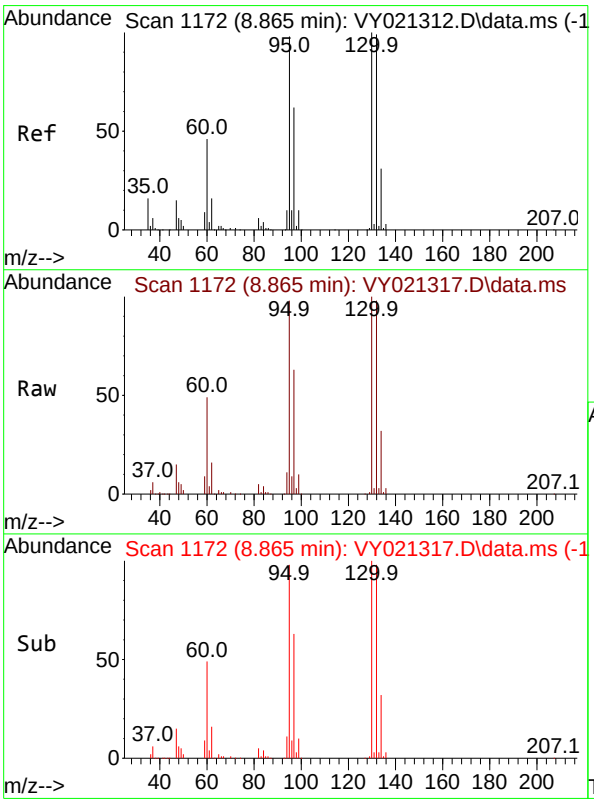
#43
Isopropyl Acetate
Concen: 52.380 ug/l
RT: 8.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion: 43 Resp: 145128

Ion	Ratio	Lower	Upper
43	100		
61	28.5	15.0	22.6#
87	12.3	10.0	15.0

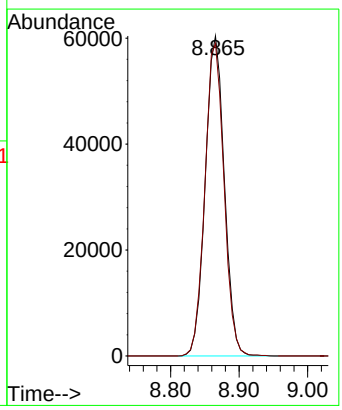


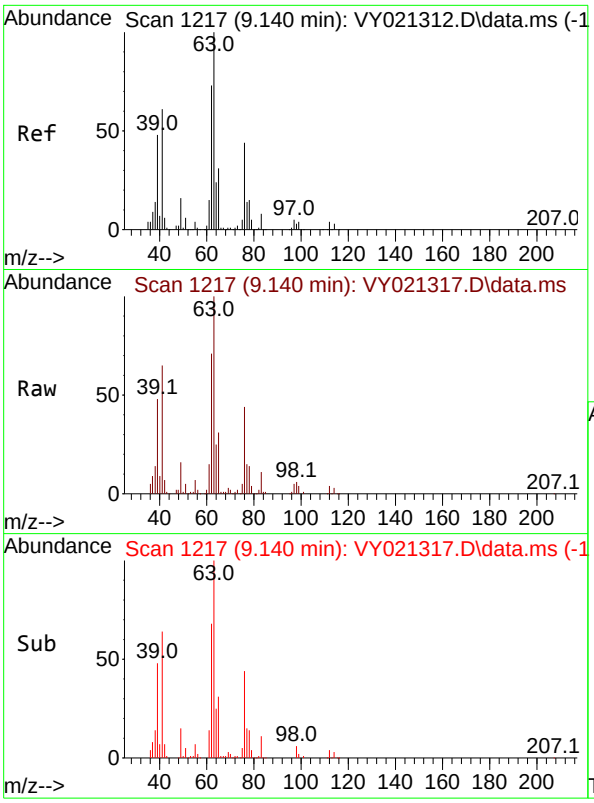


#44
Trichloroethene
Concen: 54.930 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:130 Resp: 116988

Ion	Ratio	Lower	Upper
130	100		
95	97.7	0.0	196.0



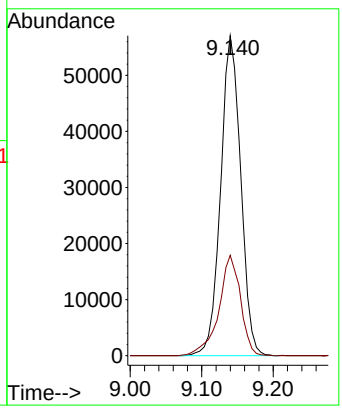


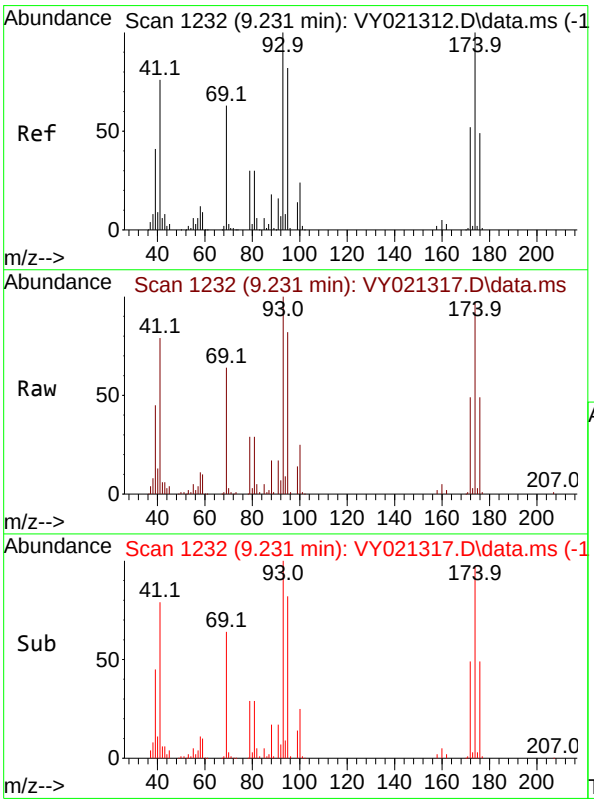
#45
1,2-Dichloropropane
Concen: 54.464 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion: 63 Resp: 111498

Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.6	36.8

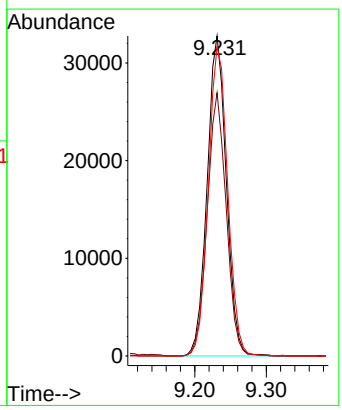


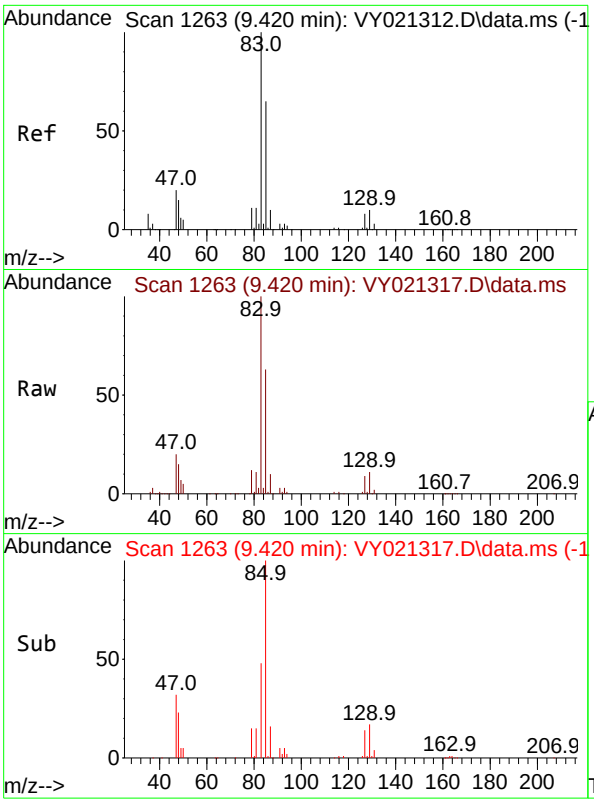


#46
Dibromomethane
Concen: 54.539 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 93 Resp: 61031

Ion	Ratio	Lower	Upper
93	100		
95	81.4	66.4	99.6
174	98.0	78.2	117.2



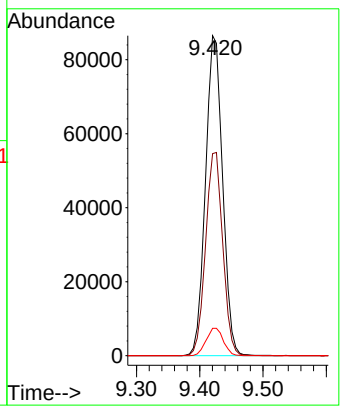


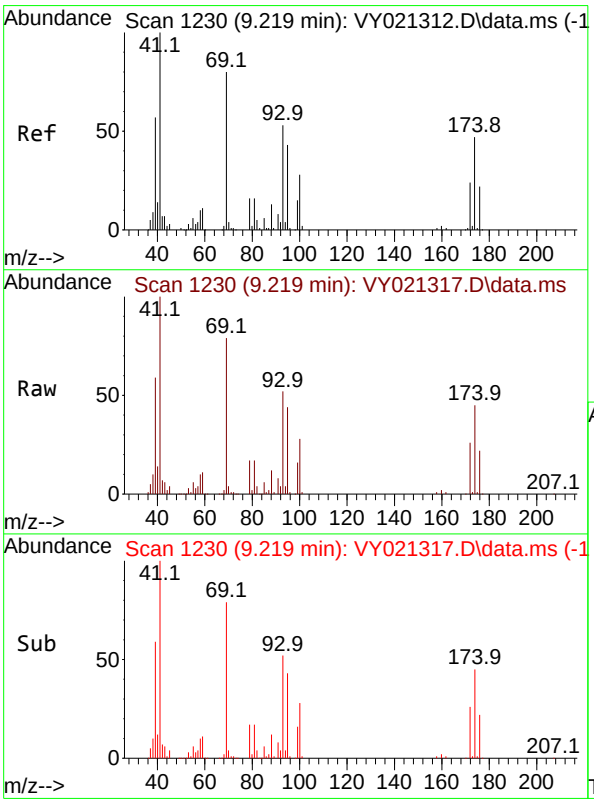
#47
Bromodichloromethane
Concen: 54.489 ug/l
RT: 9.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion: 83 Resp: 162580

Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.8	77.8
127	8.5	6.7	10.1

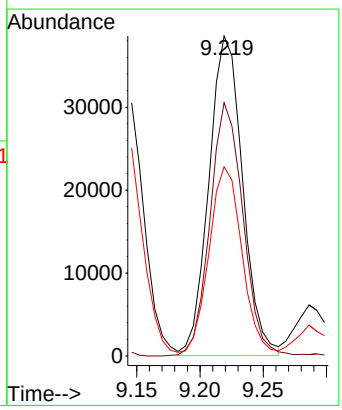


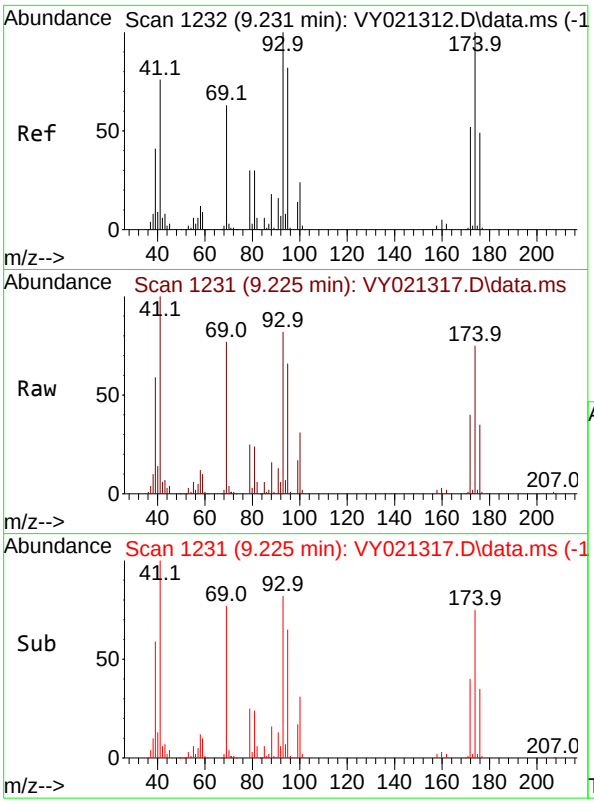


#48
Methyl methacrylate
Concen: 55.076 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 41 Resp: 71360

Ion	Ratio	Lower	Upper
41	100		
69	77.6	63.3	94.9
39	56.2	45.0	67.6



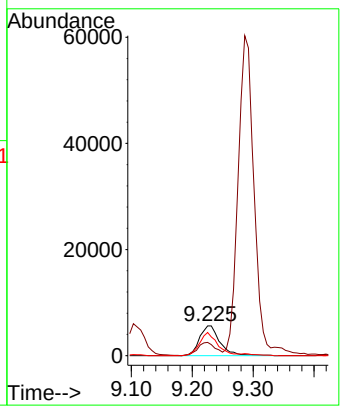


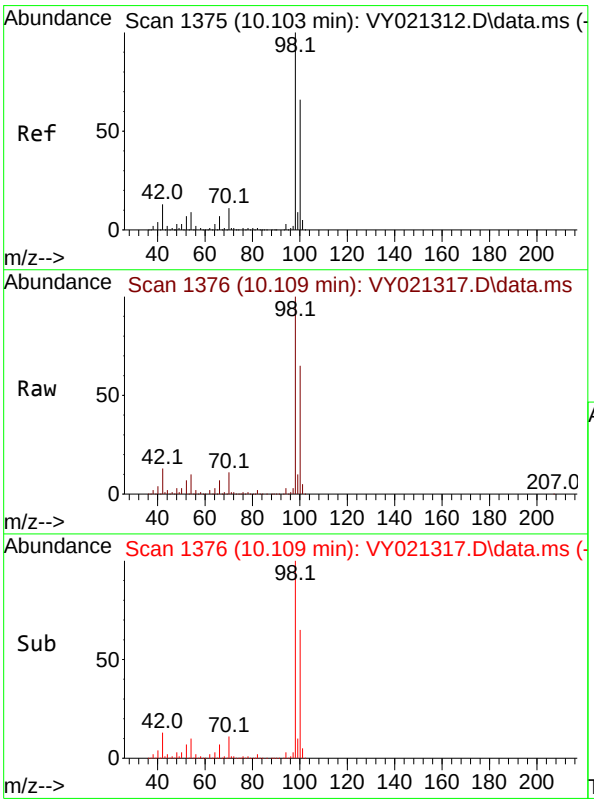
#49
1,4-Dioxane
Concen: 1053.076 ug/l
RT: 9.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion: 88 Resp: 13103

Ion	Ratio	Lower	Upper
88	100		
43	39.5	34.8	52.2
58	69.6	59.8	89.6

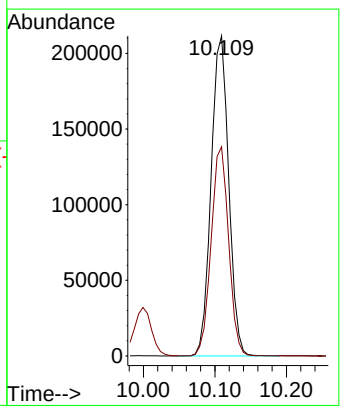


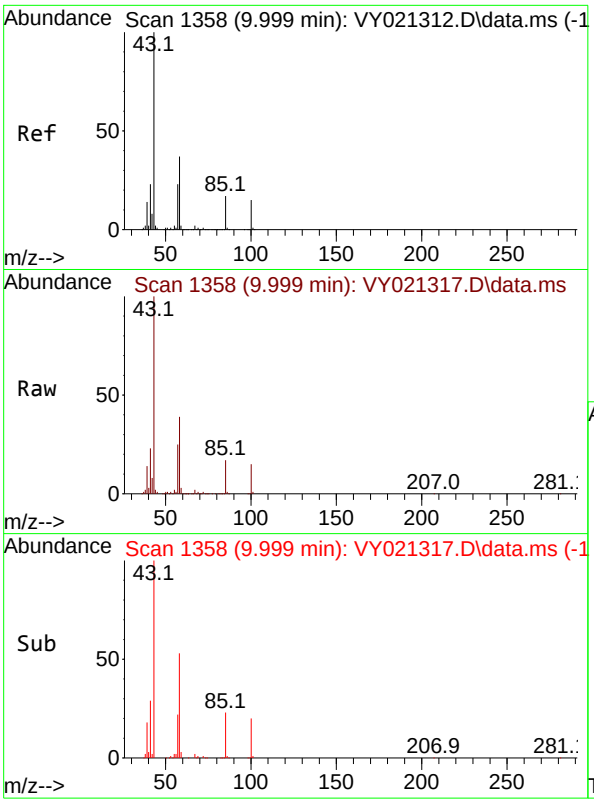


#50
Toluene-d8
Concen: 48.694 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 98 Resp: 360528

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.4	78.6



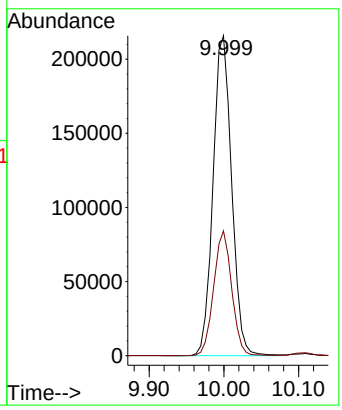


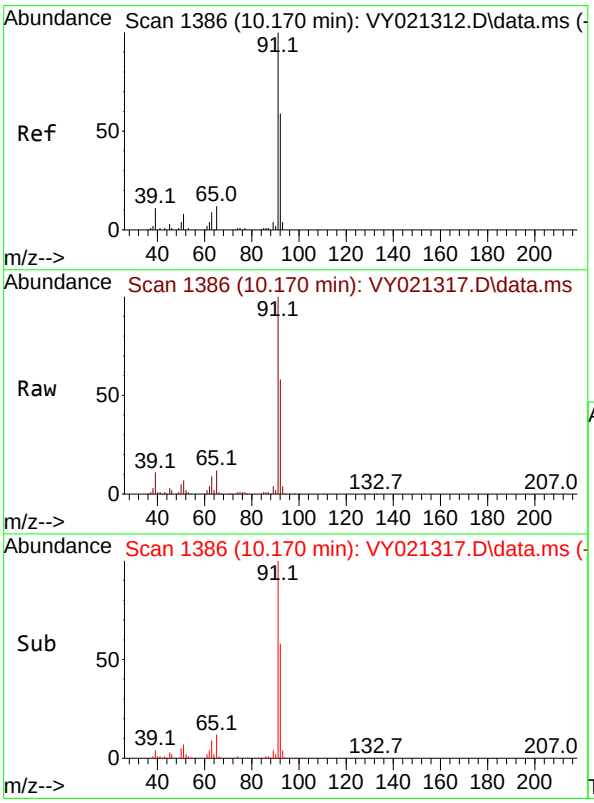
#51
4-Methyl-2-Pentanone
Concen: 262.628 ug/l
RT: 9.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion: 43 Resp: 372486

Ion	Ratio	Lower	Upper
43	100		
58	37.9	30.1	45.1

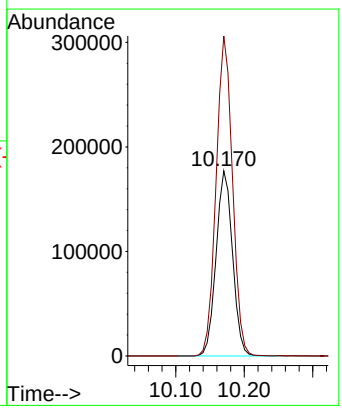


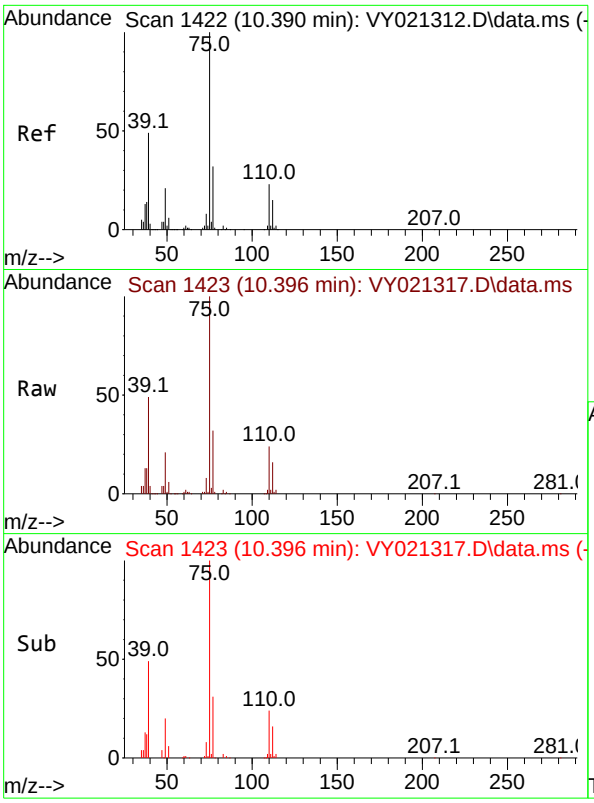


#52
Toluene
Concen: 55.674 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 92 Resp: 294219

Ion	Ratio	Lower	Upper
92	100		
91	172.4	137.8	206.8



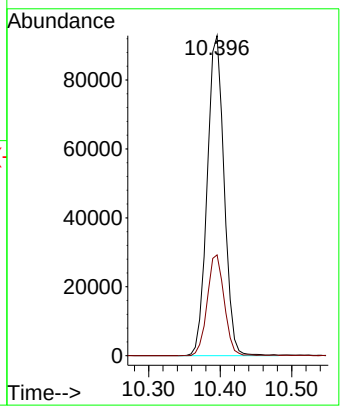


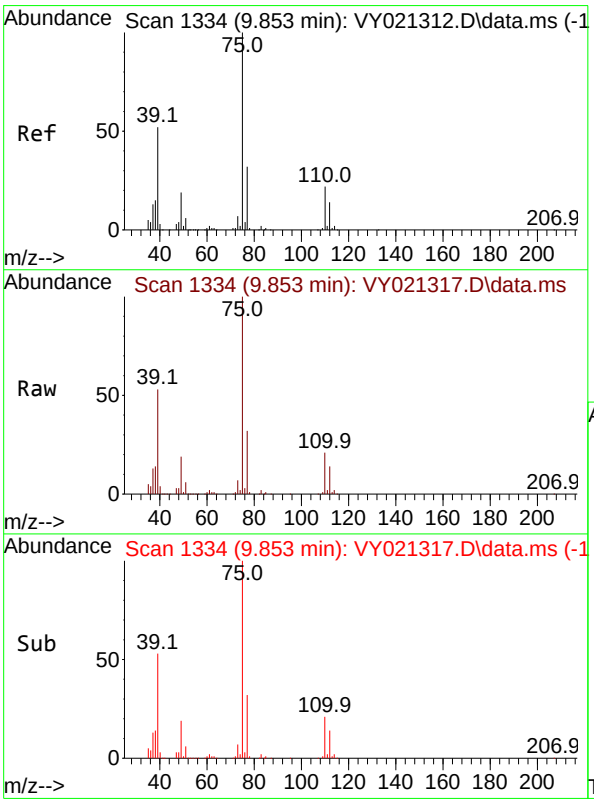
#53
t-1,3-Dichloropropene
Concen: 55.699 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion: 75 Resp: 152263

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.3	37.9

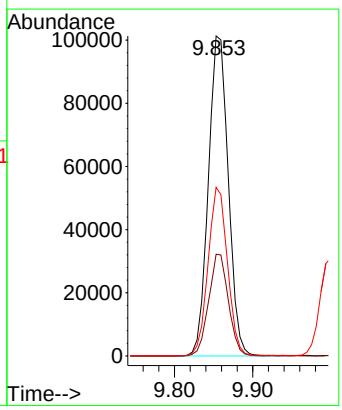


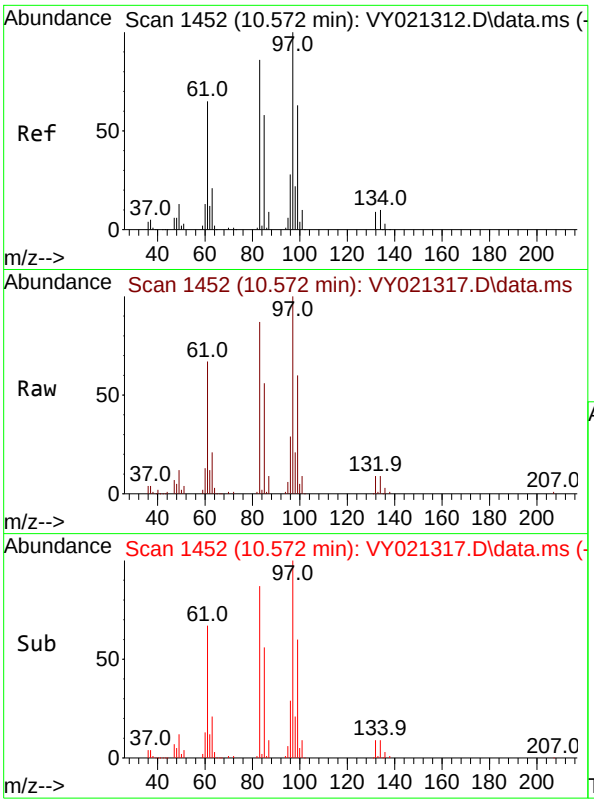


#54
cis-1,3-Dichloropropene
Concen: 55.451 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 75 Resp: 178951

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.7	38.5
39	52.6	41.8	62.6



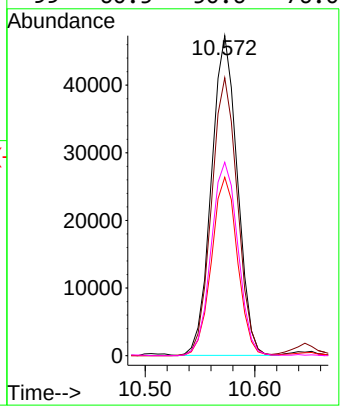


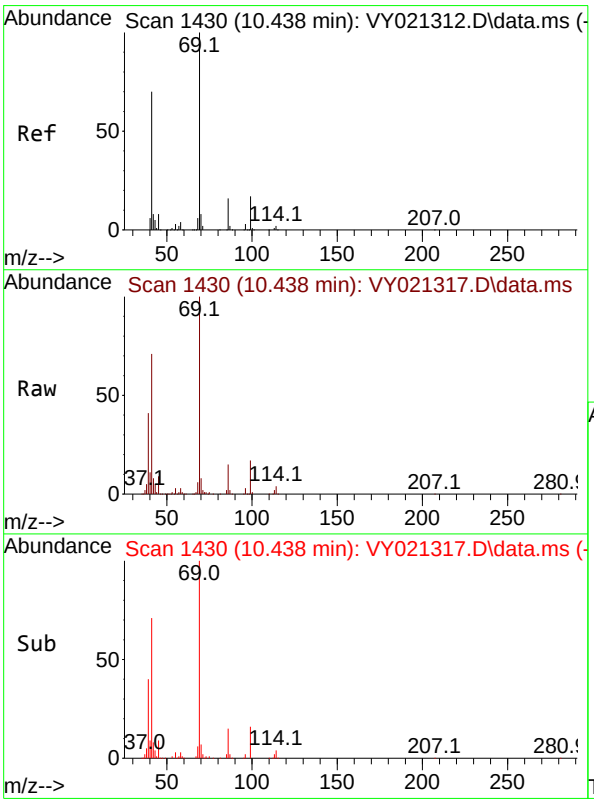
#55
1,1,2-Trichloroethane
Concen: 53.263 ug/l
RT: 10.572 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion: 97 Resp: 77645

Ion	Ratio	Lower	Upper
97	100		
83	86.9	68.7	103.1
85	55.7	46.3	69.5
99	60.5	50.6	76.0

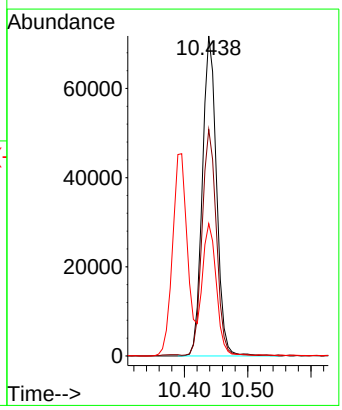


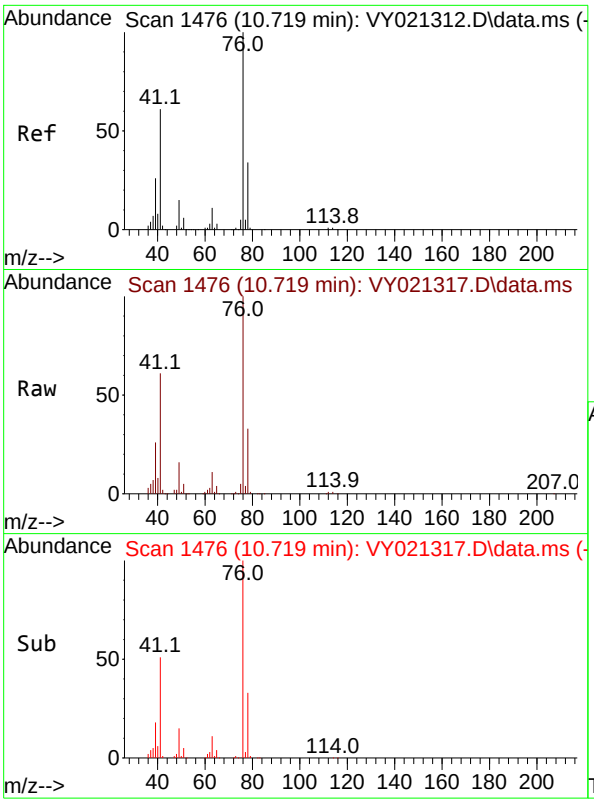


#56
Ethyl methacrylate
Concen: 55.679 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 69 Resp: 112155

Ion	Ratio	Lower	Upper
69	100		
41	70.9	56.2	84.4
39	39.6	32.7	49.1



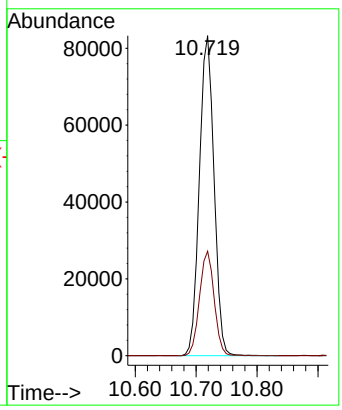


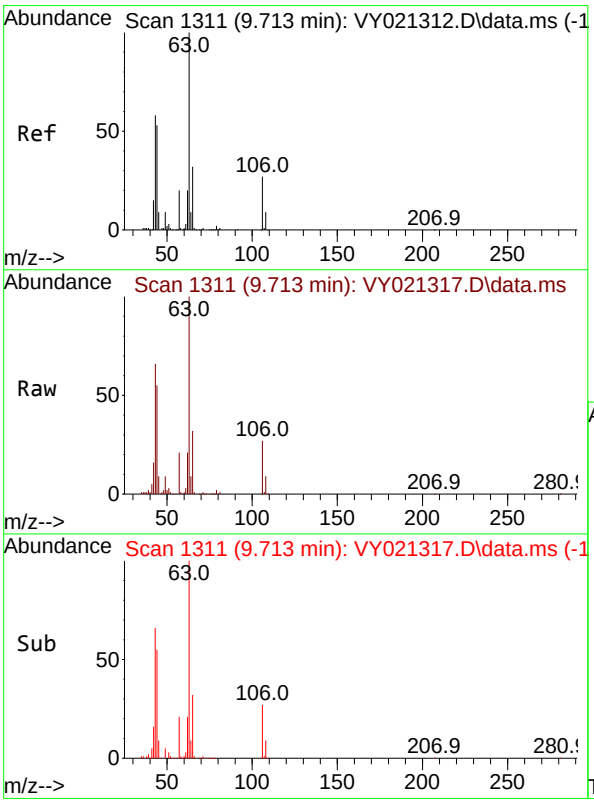
#57
1,3-Dichloropropane
Concen: 54.438 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion: 76 Resp: 139257

Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.9	38.9

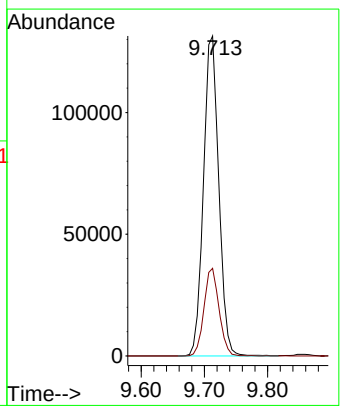


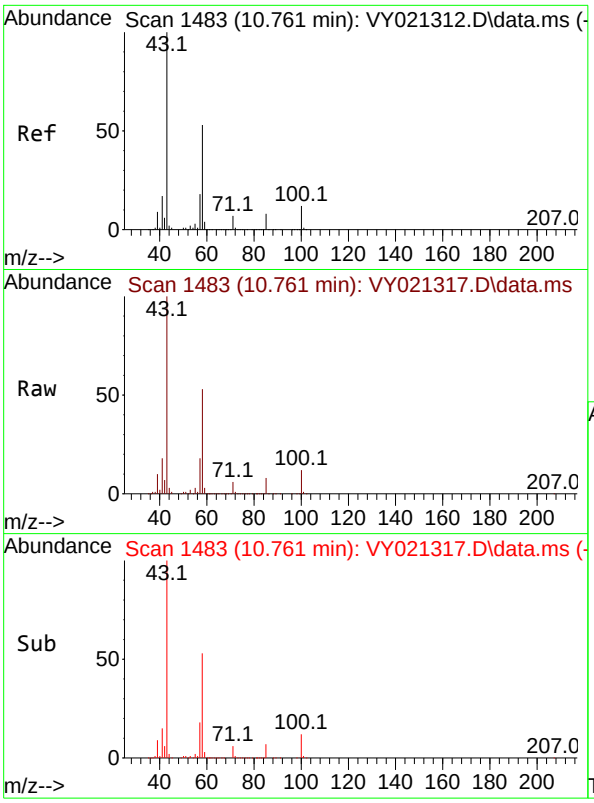


#58
2-Chloroethyl Vinyl ether
Concen: 228.990 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 63 Resp: 221395

Ion	Ratio	Lower	Upper
63	100		
106	27.0	21.7	32.5



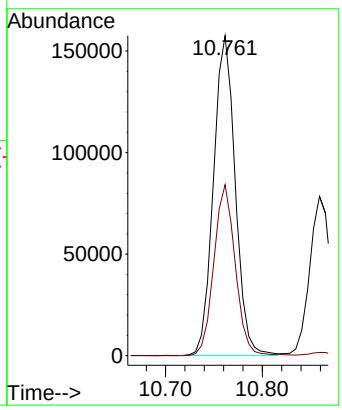


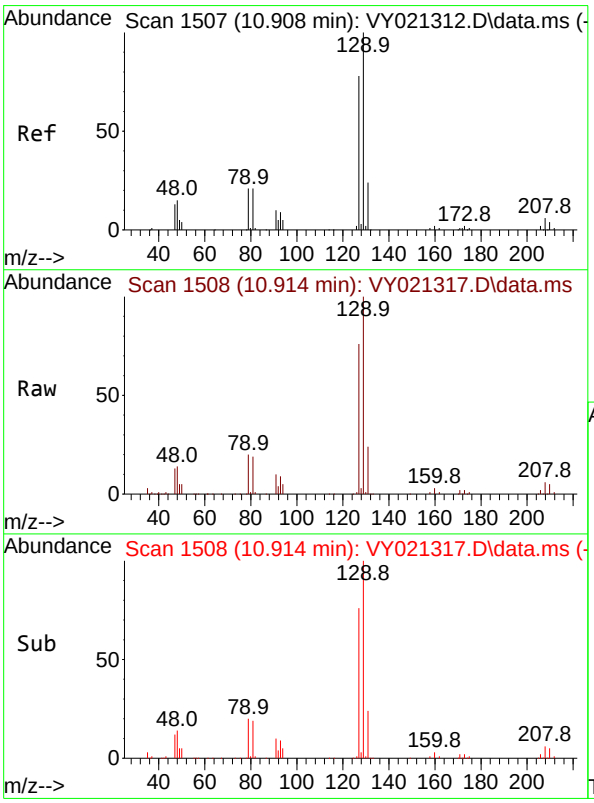
#59
2-Hexanone
Concen: 264.133 ug/l
RT: 10.761 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion: 43 Resp: 246032

Ion	Ratio	Lower	Upper
43	100		
58	52.6	25.9	77.6

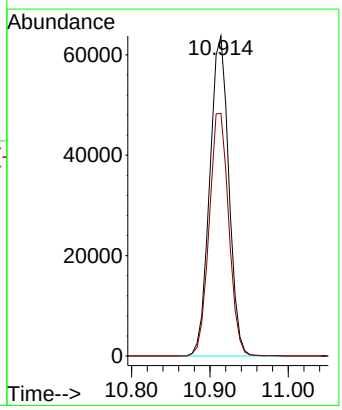


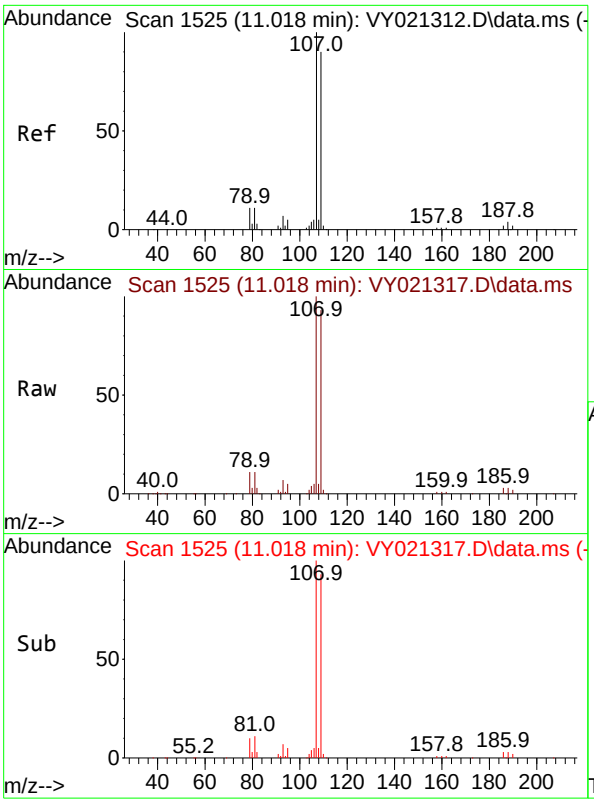


#60
Dibromochloromethane
Concen: 54.329 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:129 Resp: 107866

Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.8	116.4



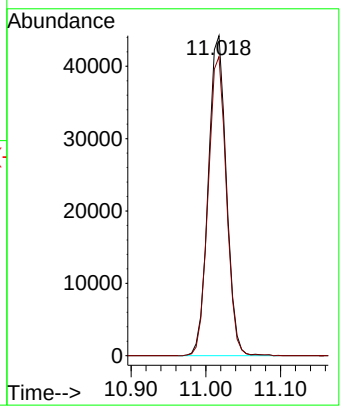


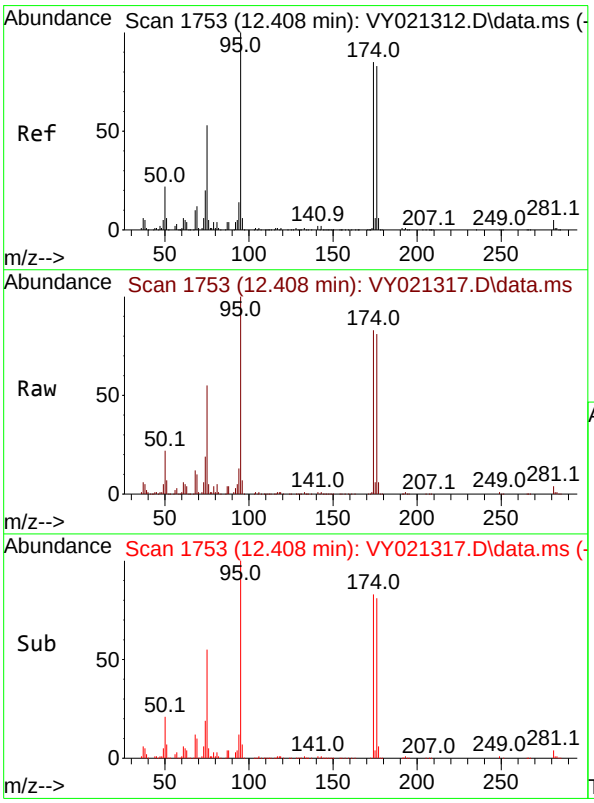
#61
1,2-Dibromoethane
Concen: 53.942 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion:107 Resp: 74447

Ion	Ratio	Lower	Upper
107	100		
109	94.1	73.8	110.8

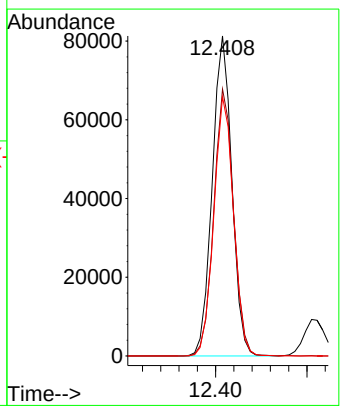


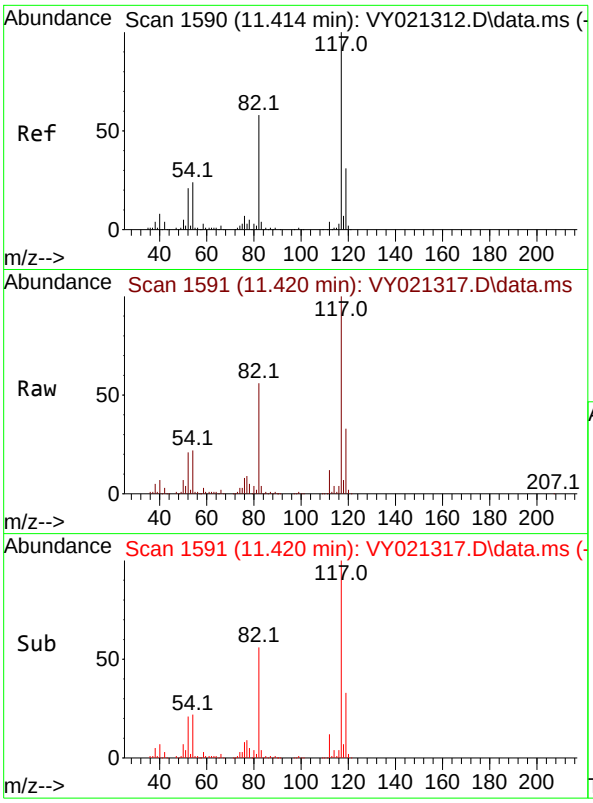


#62
4-Bromofluorobenzene
Concen: 48.549 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 95 Resp: 120972

Ion	Ratio	Lower	Upper
95	100		
174	83.9	0.0	168.0
176	81.4	0.0	162.6



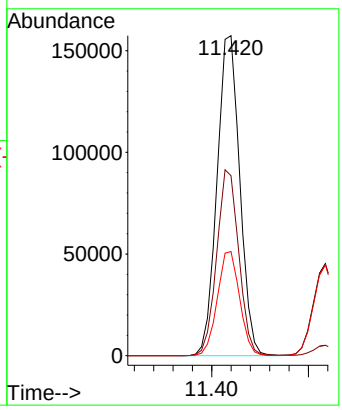


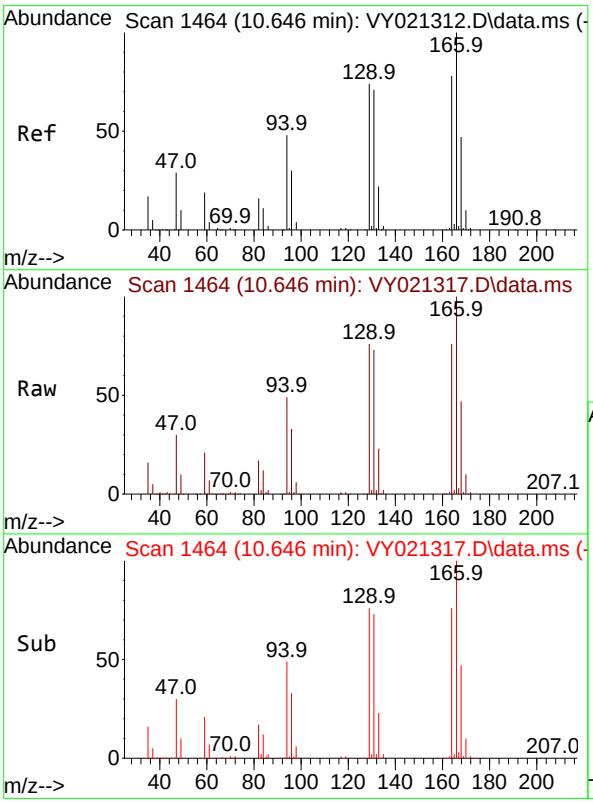
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion:117 Resp: 257123

Ion	Ratio	Lower	Upper
117	100		
82	56.3	46.2	69.4
119	32.5	24.9	37.3

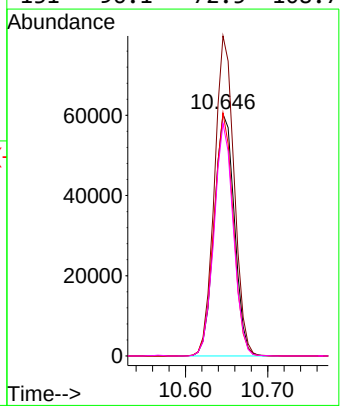


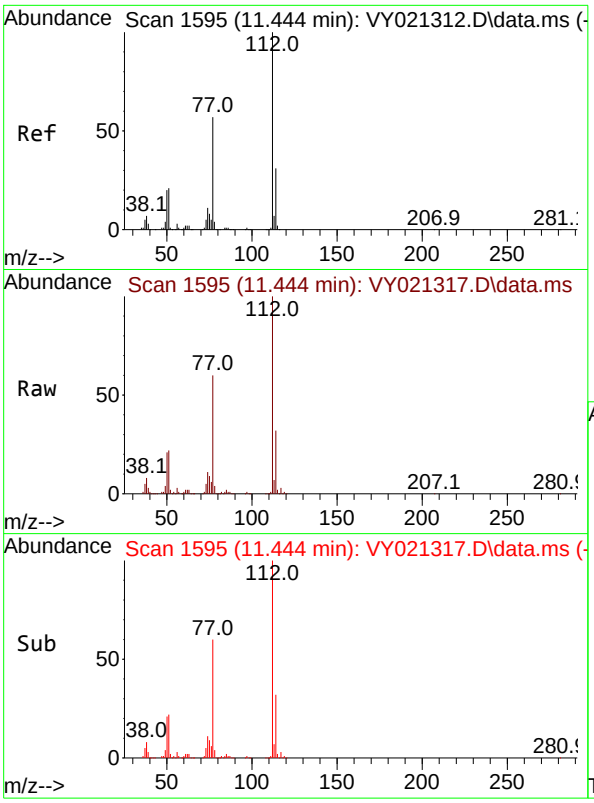


#64
Tetrachloroethene
Concen: 52.940 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:164 Resp: 102887

Ion	Ratio	Lower	Upper
164	100		
166	132.2	101.9	152.9
129	100.4	75.5	113.3
131	96.1	72.5	108.7



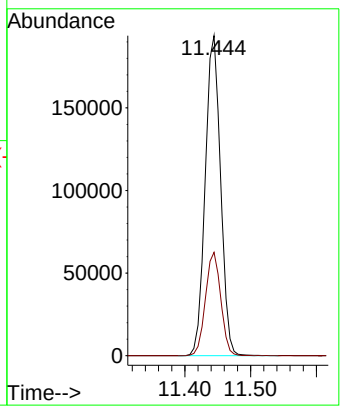


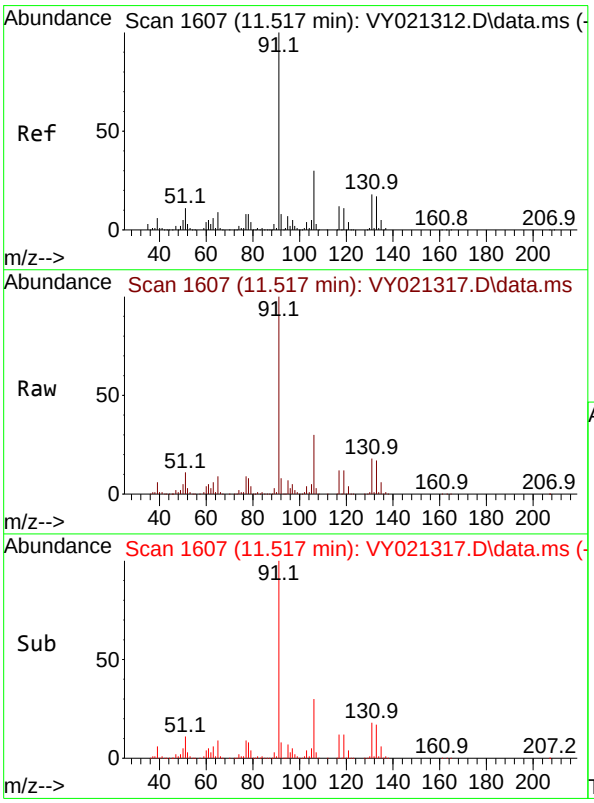
#65
Chlorobenzene
Concen: 54.410 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion:112 Resp: 314040

Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.0	37.6

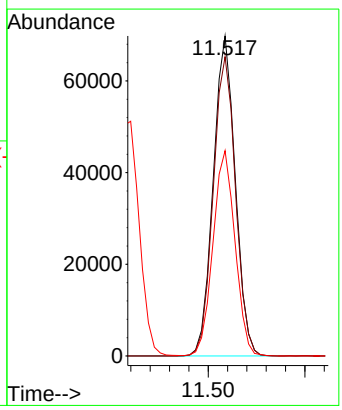


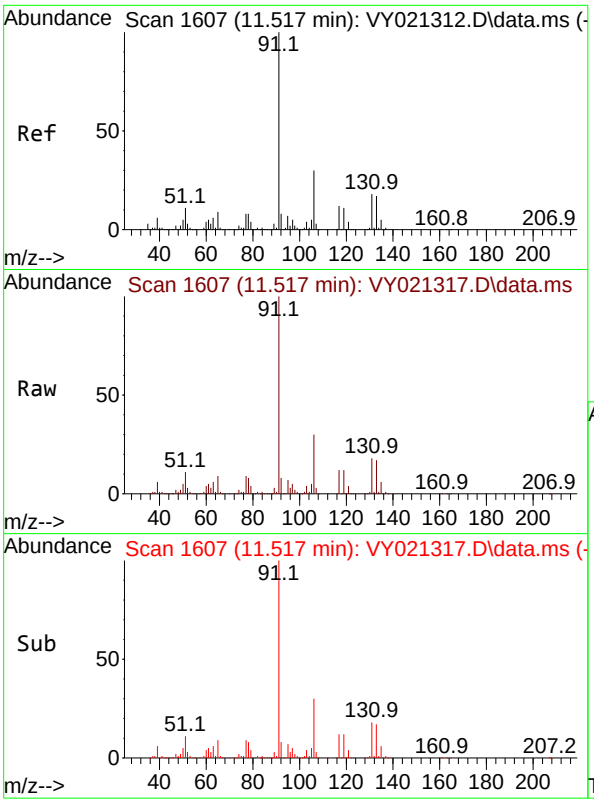


#66
1,1,1,2-Tetrachloroethane
Concen: 54.517 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:131 Resp: 110179

Ion	Ratio	Lower	Upper
131	100		
133	94.9	47.9	143.6
119	64.3	31.7	95.1



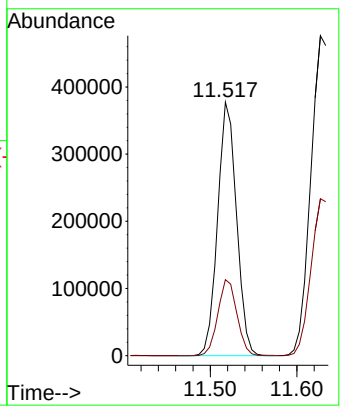


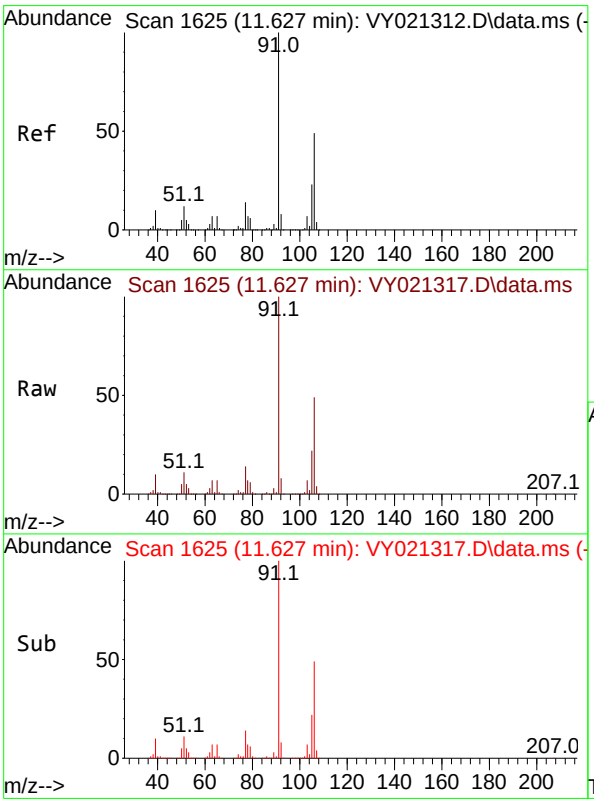
#67
Ethyl Benzene
Concen: 55.992 ug/l
RT: 11.517 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion: 91 Resp: 572425

Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.4	36.6

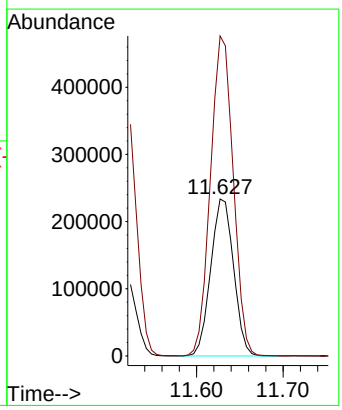


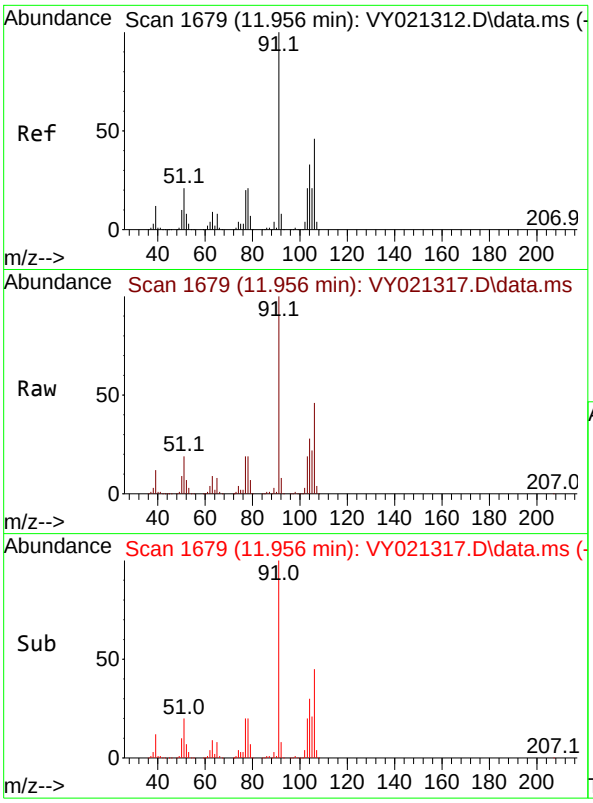


#68
m/p-Xylenes
Concen: 111.274 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:106 Resp: 427892

Ion	Ratio	Lower	Upper
106	100		
91	203.4	163.9	245.9



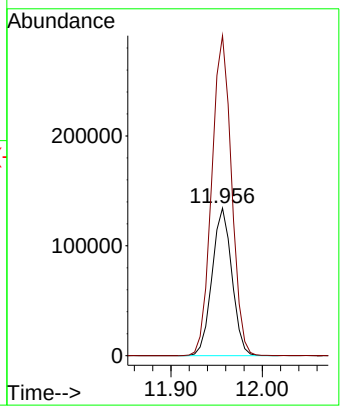


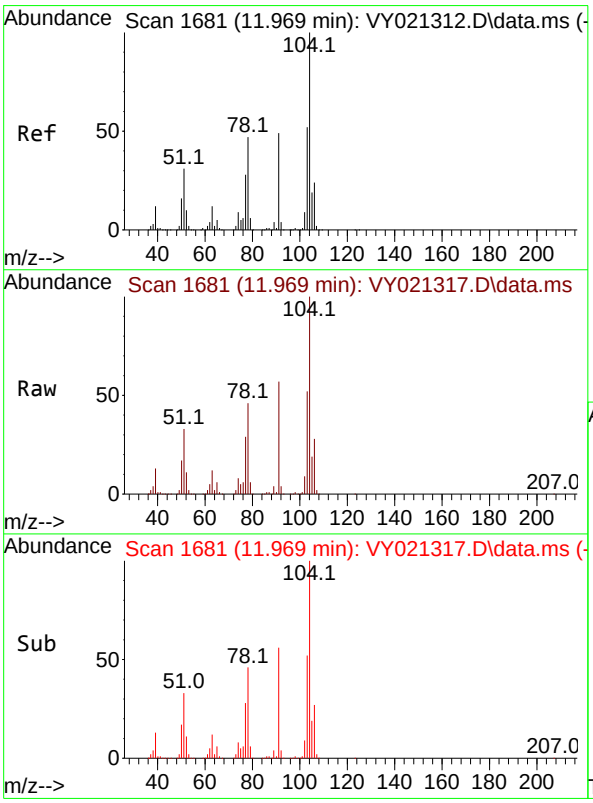
#69
o-Xylene
Concen: 56.108 ug/l
RT: 11.956 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion:106 Resp: 202123

Ion	Ratio	Lower	Upper
106	100		
91	217.2	108.1	324.2

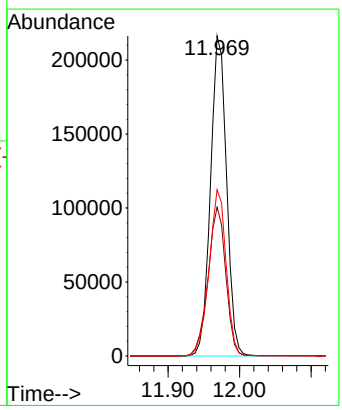


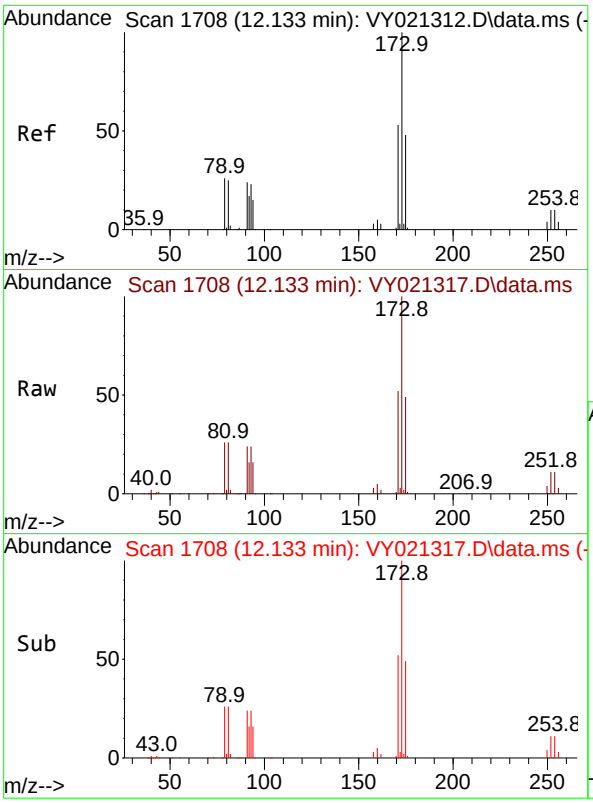


#70
Styrene
Concen: 56.307 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:104 Resp: 337489

Ion	Ratio	Lower	Upper
104	100		
78	51.1	41.3	61.9
103	55.3	43.9	65.9



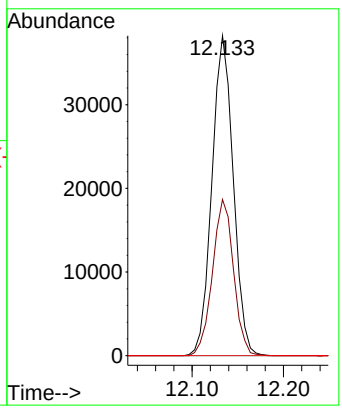


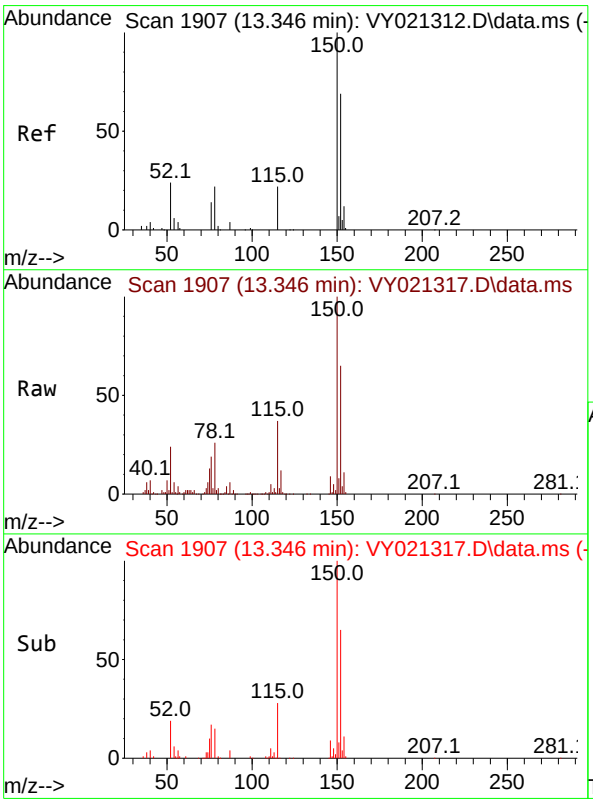
#71
Bromoform
Concen: 53.590 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion:173 Resp: 61959

Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.1	72.3
254	0.0	0.1	0.1#

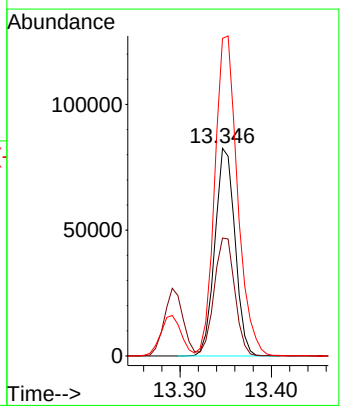


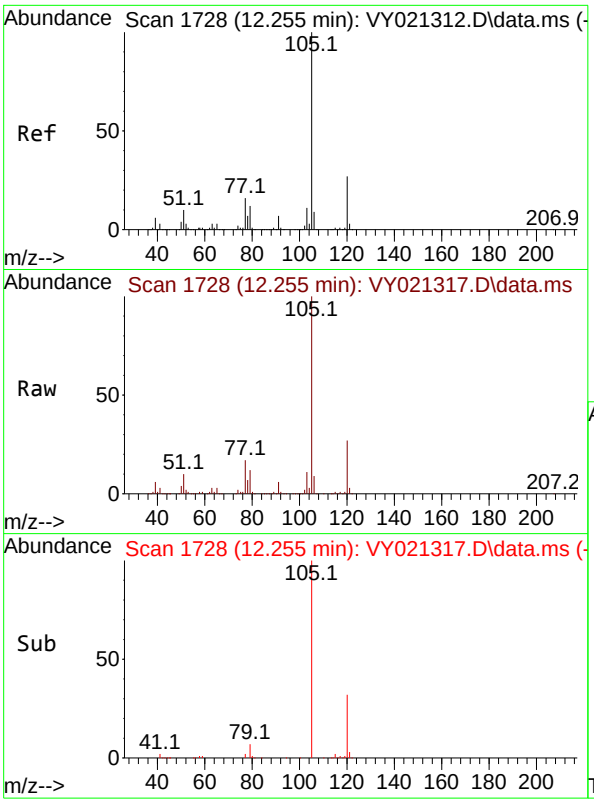


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:152 Resp: 126299

Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.3	88.0
150	174.2	0.0	347.4



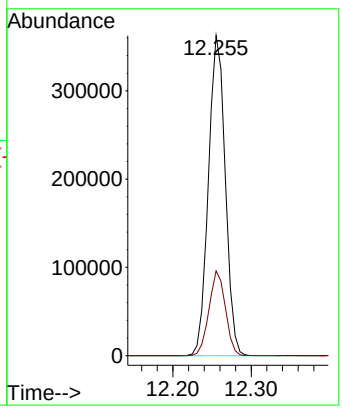


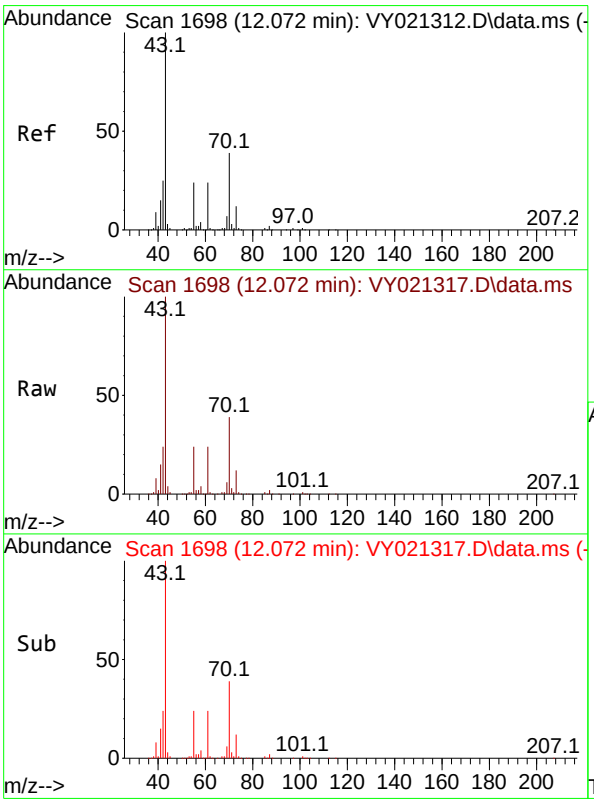
#73
Isopropylbenzene
Concen: 56.974 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion:105 Resp: 540978

Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.3	39.8

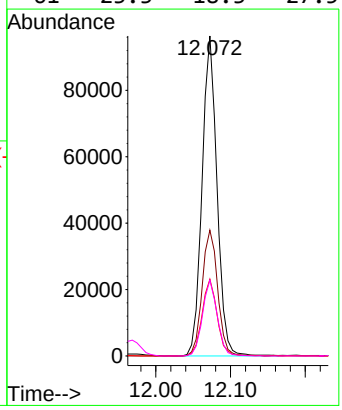


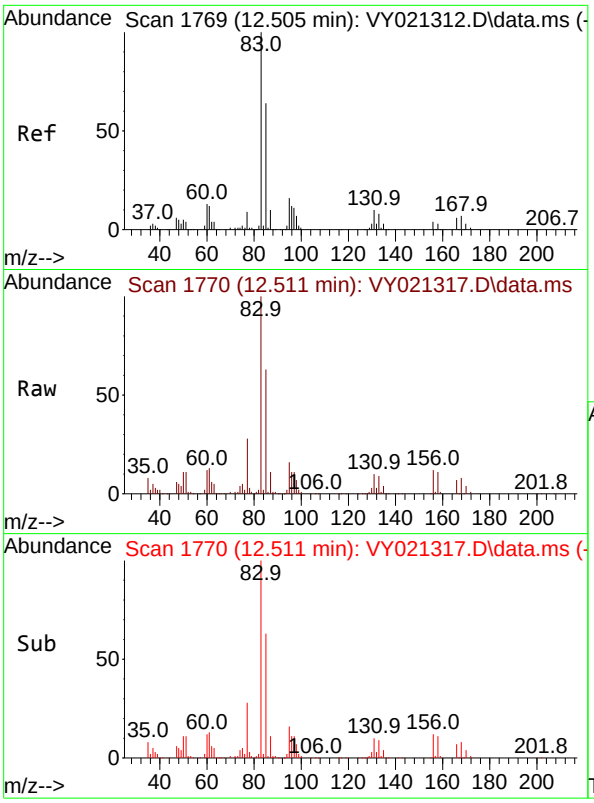


#74
N-amyl acetate
Concen: 55.509 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 43 Resp: 133968

Ion	Ratio	Lower	Upper
43	100		
70	40.9	32.2	48.2
55	24.2	19.6	29.4
61	23.3	18.3	27.5



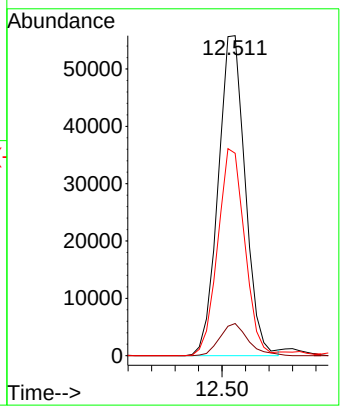


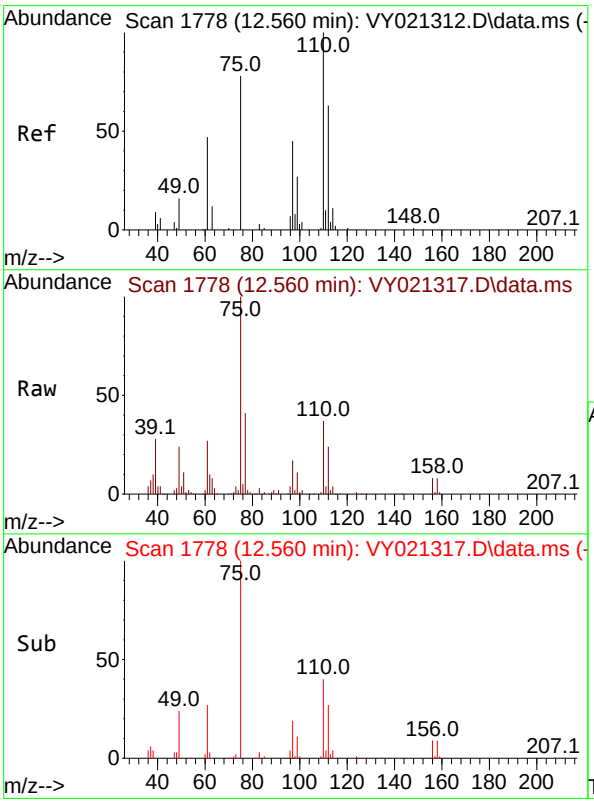
#75
1,1,2,2-Tetrachloroethane
Concen: 53.254 ug/l
RT: 12.511 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion: 83 Resp: 89240

Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.2	15.6
85	64.7	32.0	96.0

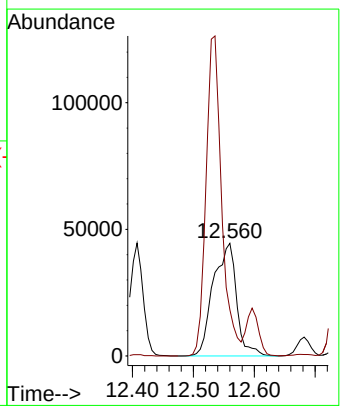


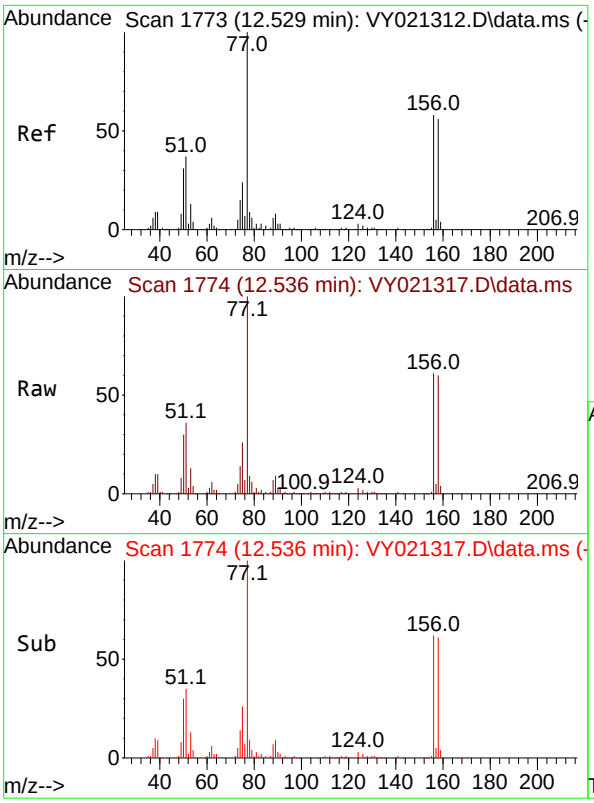


#76
1,2,3-Trichloropropane
Concen: 93.768 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 75 Resp: 118541

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



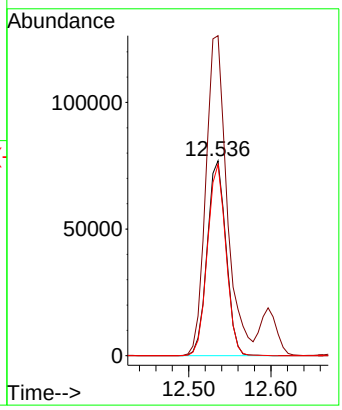


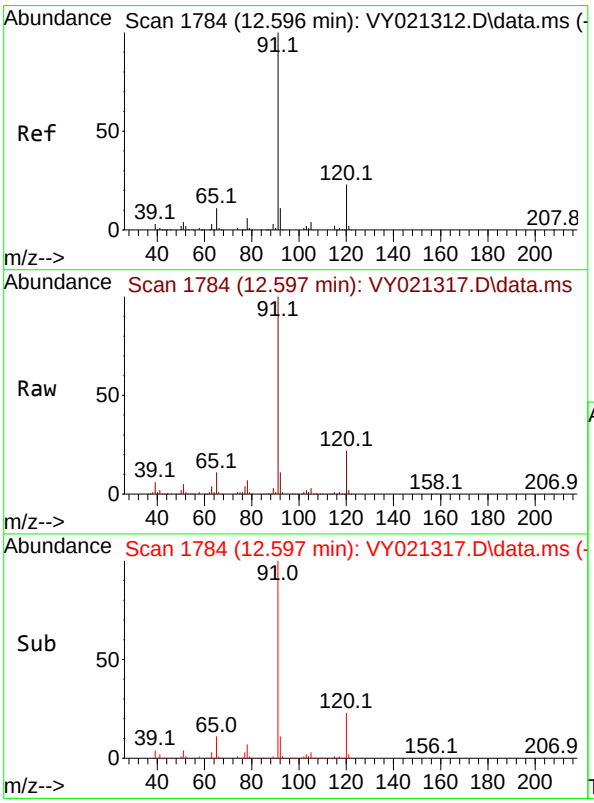
#77
Bromobenzene
Concen: 55.296 ug/l
RT: 12.536 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion:156 Resp: 122121

Ion	Ratio	Lower	Upper
156	100		
77	185.0	94.0	282.1
158	96.6	48.7	146.1

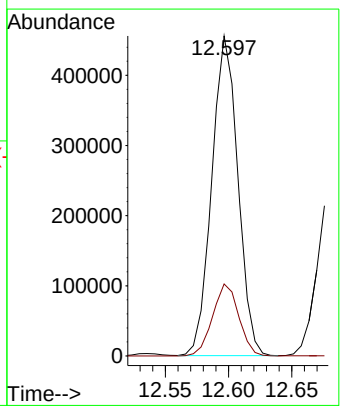


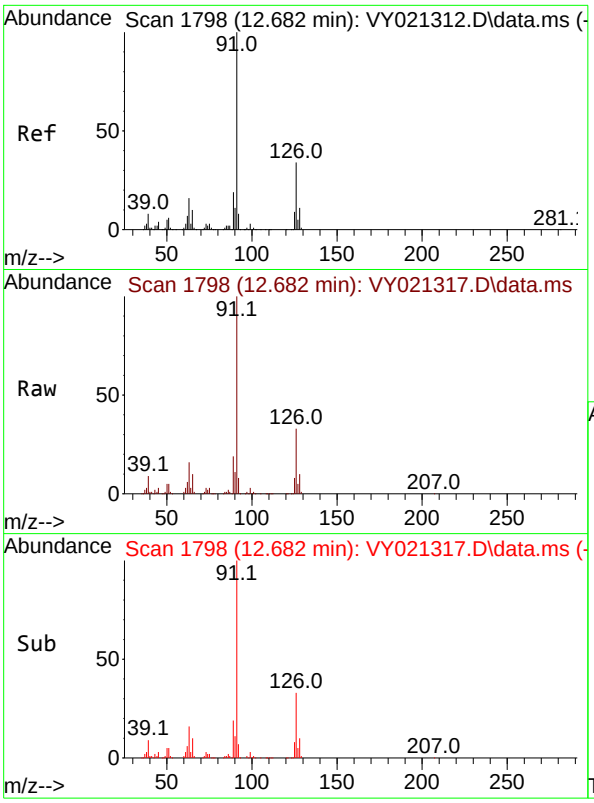


#78
n-propylbenzene
Concen: 56.783 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 91 Resp: 654255

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.2	33.5



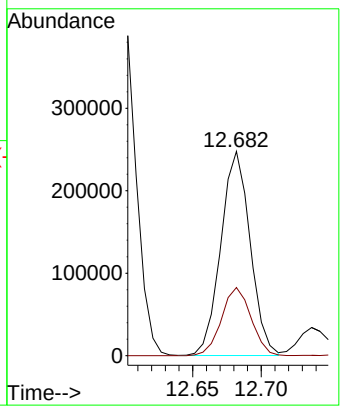


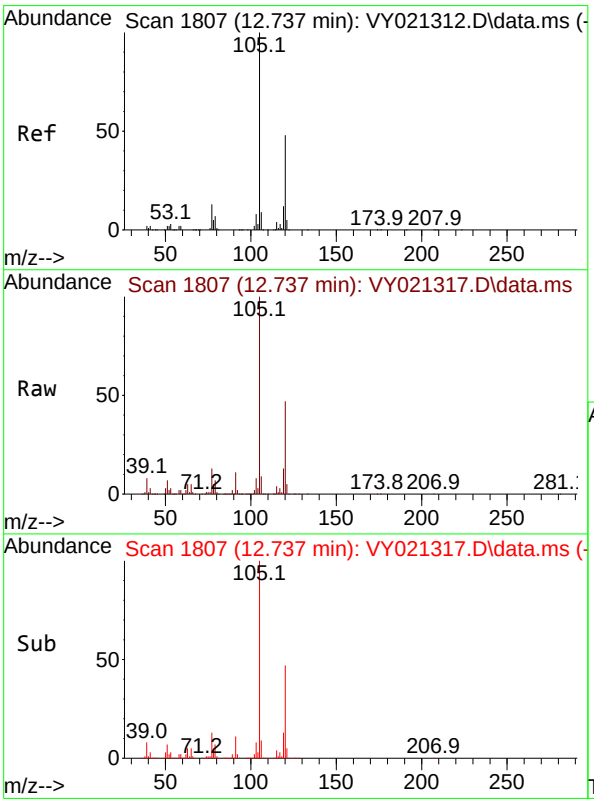
#79
2-Chlorotoluene
Concen: 55.813 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion: 91 Resp: 369065

Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.9	50.6

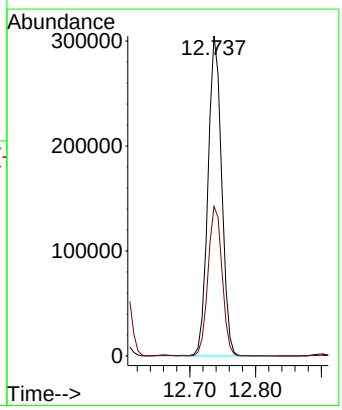


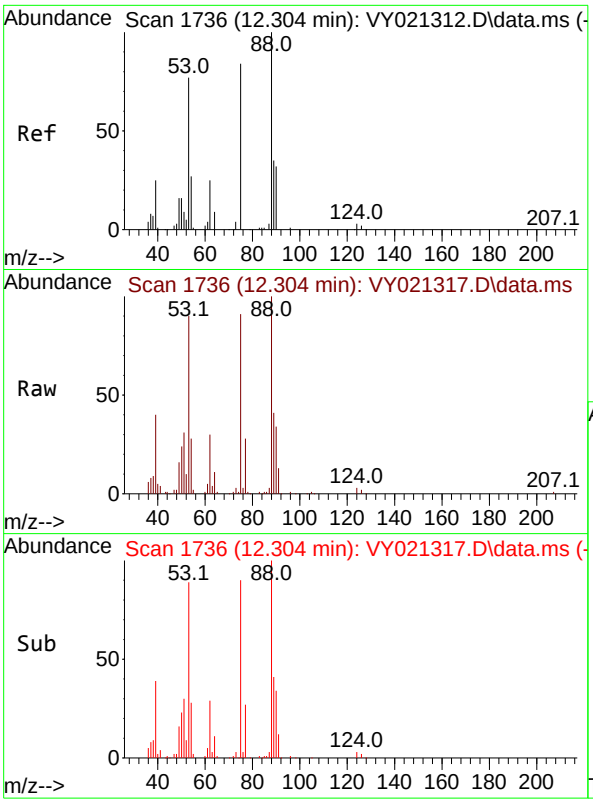


#80
1,3,5-Trimethylbenzene
Concen: 56.549 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:105 Resp: 440379

Ion	Ratio	Lower	Upper
105	100		
120	47.9	24.3	73.0



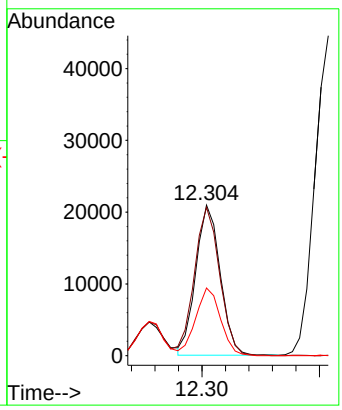


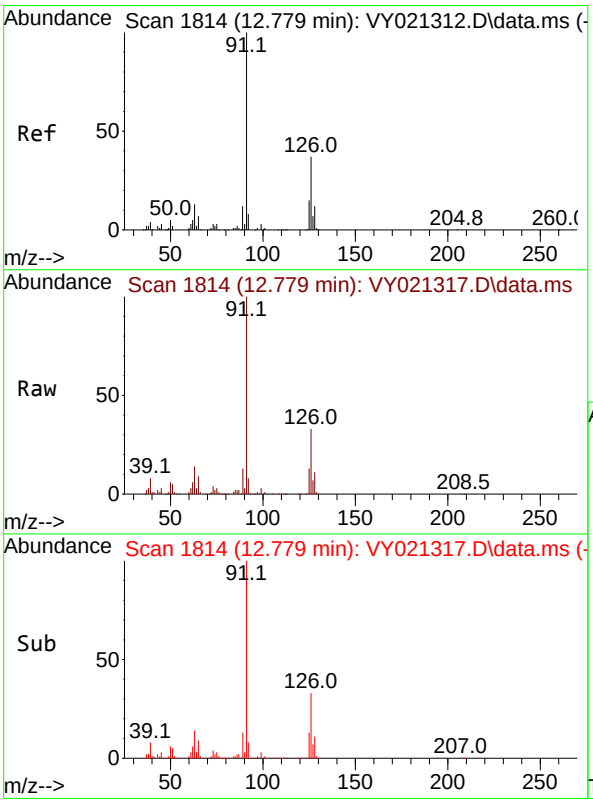
#81
trans-1,4-Dichloro-2-butene
Concen: 53.216 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion: 75 Resp: 30268

Ion	Ratio	Lower	Upper
75	100		
53	103.4	79.1	118.7
89	45.8	35.6	53.4

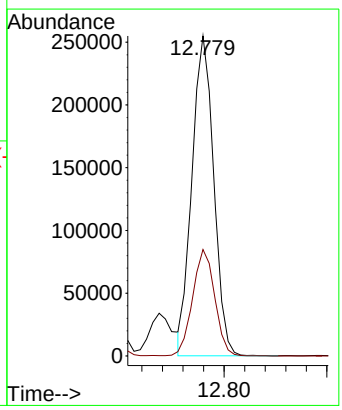


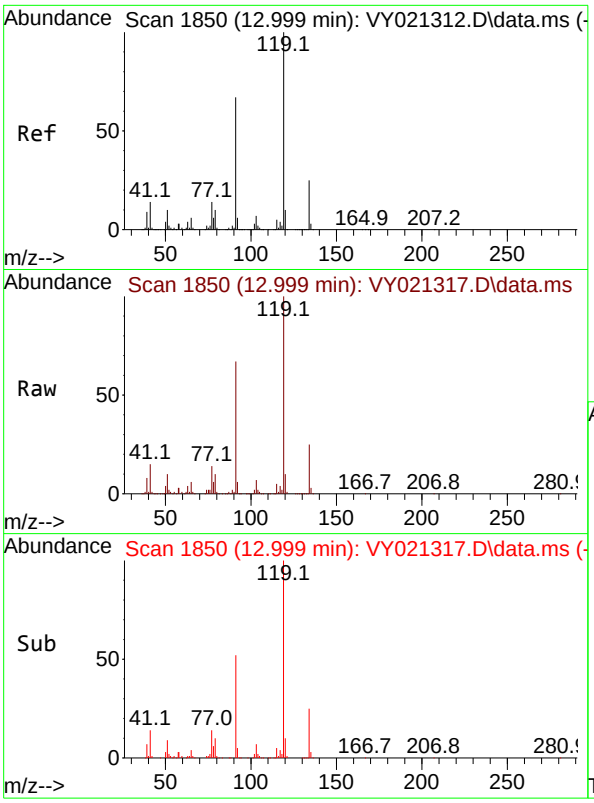


#82
4-Chlorotoluene
Concen: 54.757 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 91 Resp: 375340

Ion	Ratio	Lower	Upper
91	100		
126	33.9	16.8	50.4



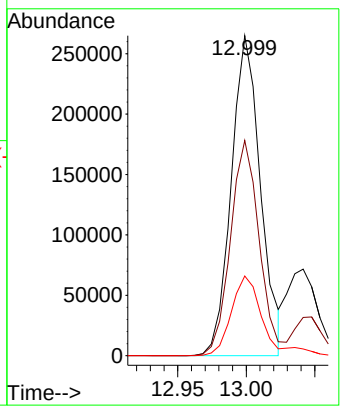


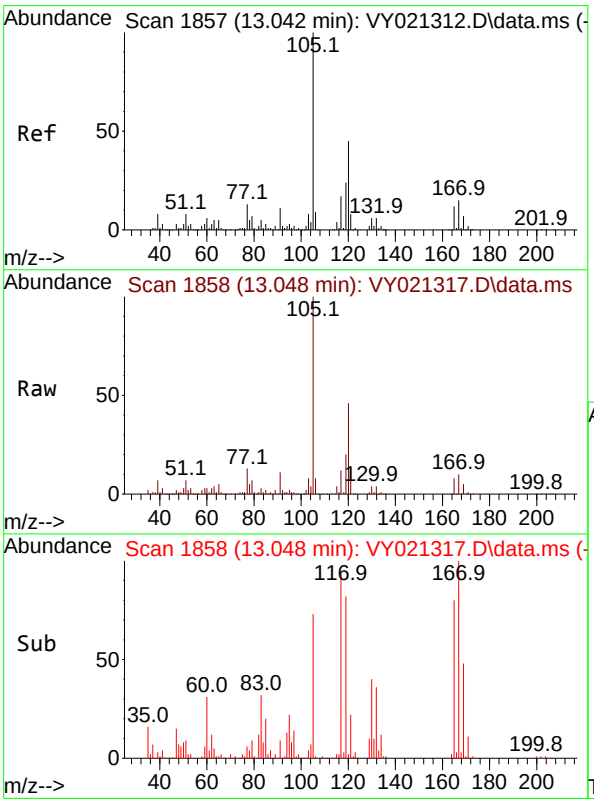
#83
tert-Butylbenzene
Concen: 55.900 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion:119 Resp: 393228

Ion	Ratio	Lower	Upper
119	100		
91	66.5	32.7	98.1
134	26.8	13.3	39.9

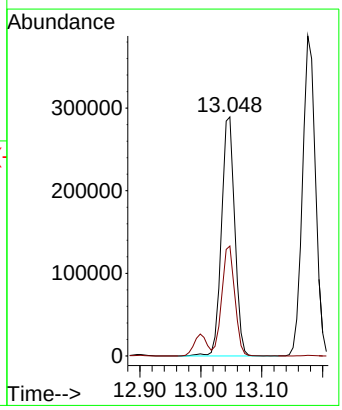


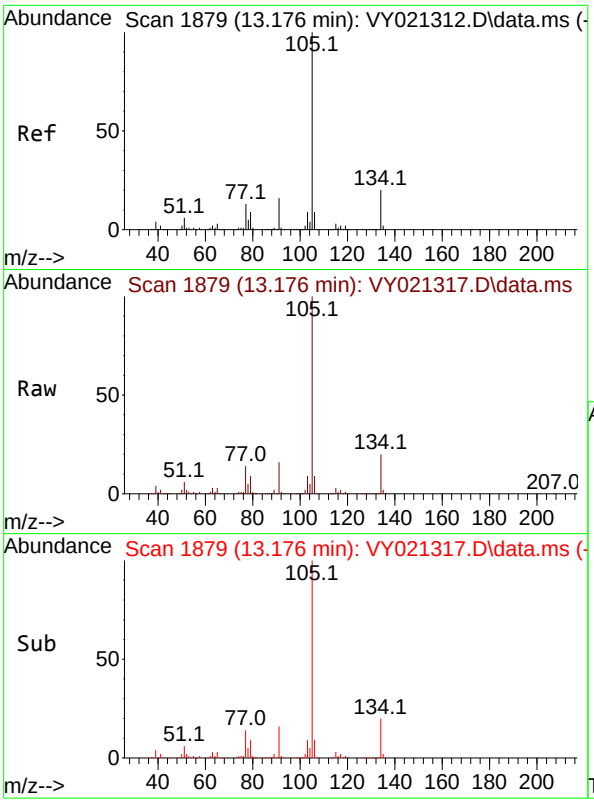


#84
1,2,4-Trimethylbenzene
Concen: 56.621 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:105 Resp: 438538

Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.4	67.3



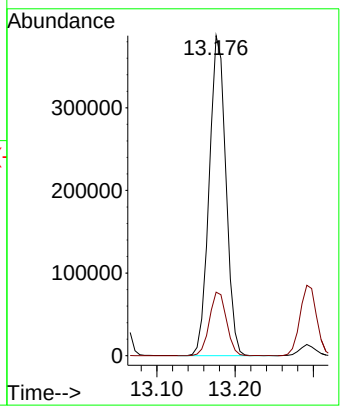


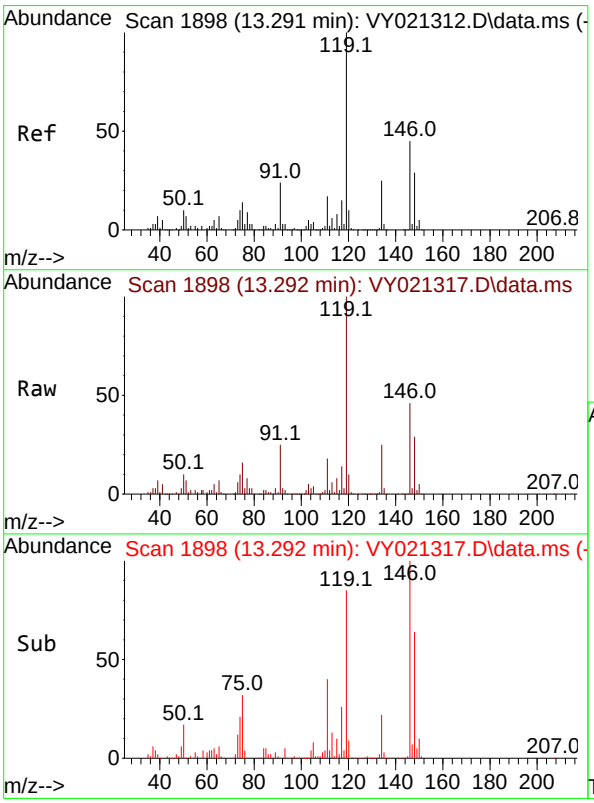
#85
sec-Butylbenzene
Concen: 55.655 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion:105 Resp: 571874

Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.0	30.0

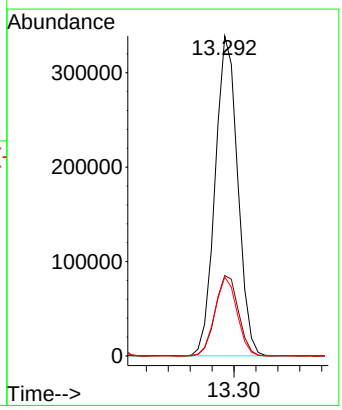


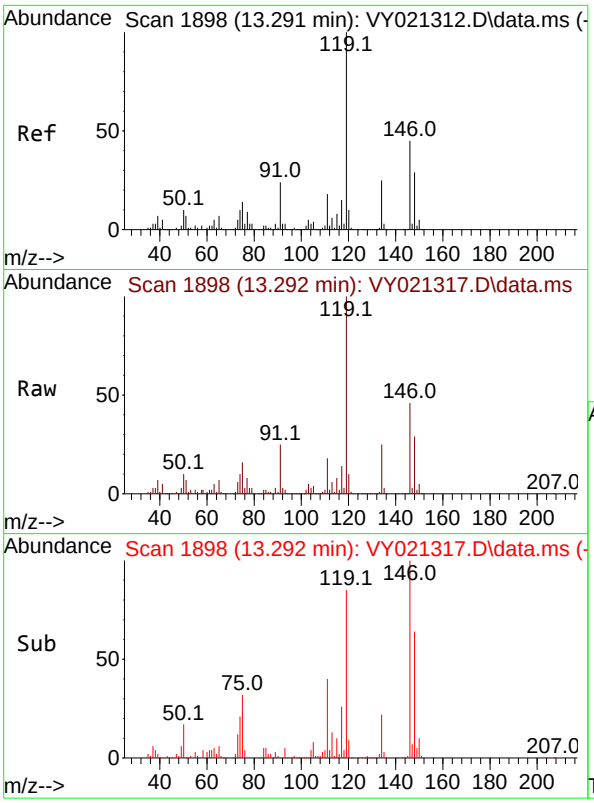


#86
p-Isopropyltoluene
Concen: 56.427 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:119 Resp: 484140

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.0	38.9
91	24.2	12.0	36.1



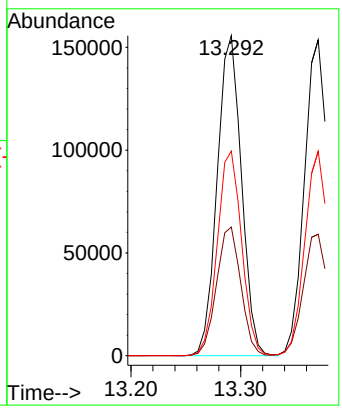


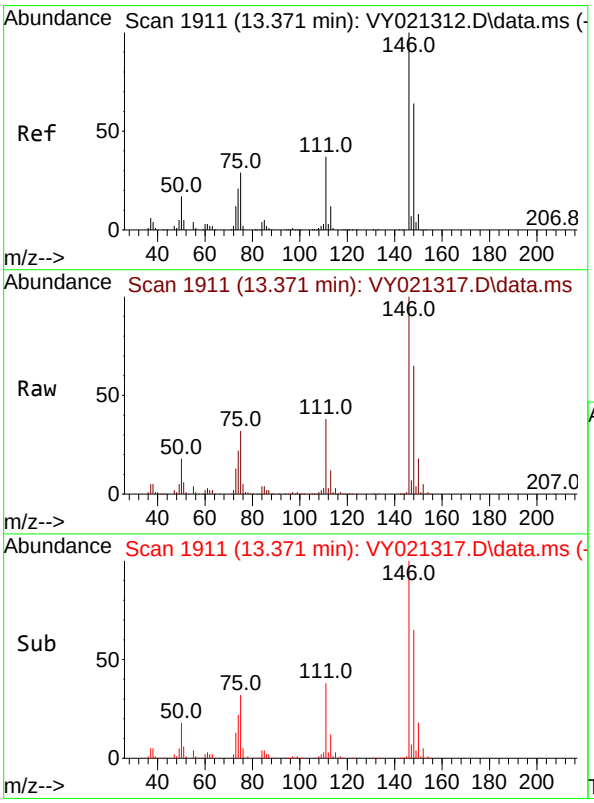
#87
1,3-Dichlorobenzene
Concen: 54.800 ug/l
RT: 13.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion:146 Resp: 239404

Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.0	59.9
148	64.1	31.9	95.9

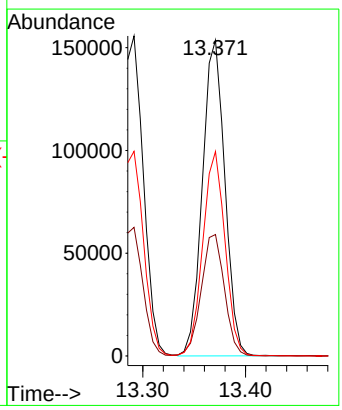


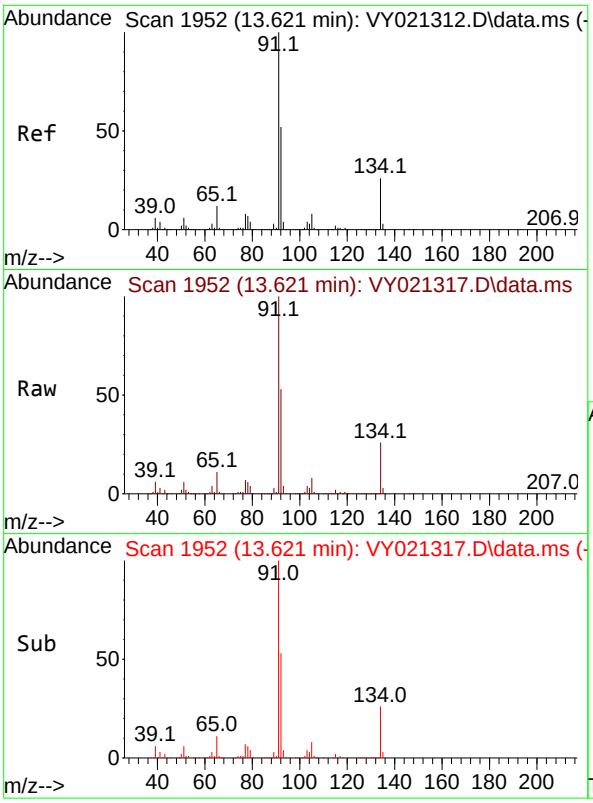


#88
1,4-Dichlorobenzene
Concen: 54.098 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:146 Resp: 233477

Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.5	58.5
148	64.2	32.0	96.2



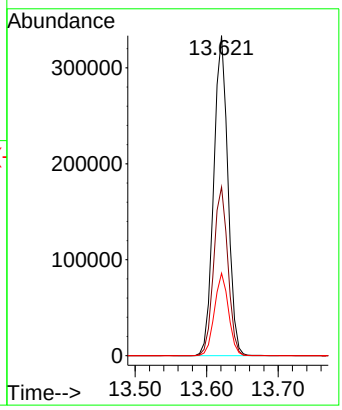


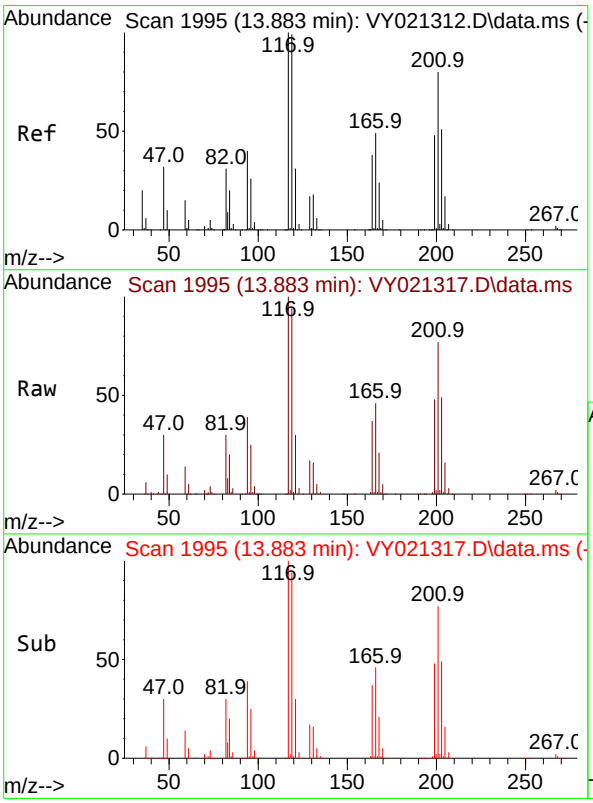
#89
n-Butylbenzene
Concen: 56.856 ug/l
RT: 13.621 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion: 91 Resp: 459065

Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.4	79.2
134	25.6	12.7	38.0

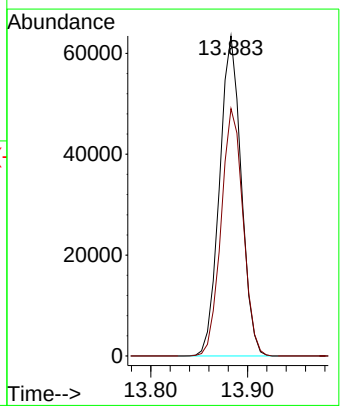


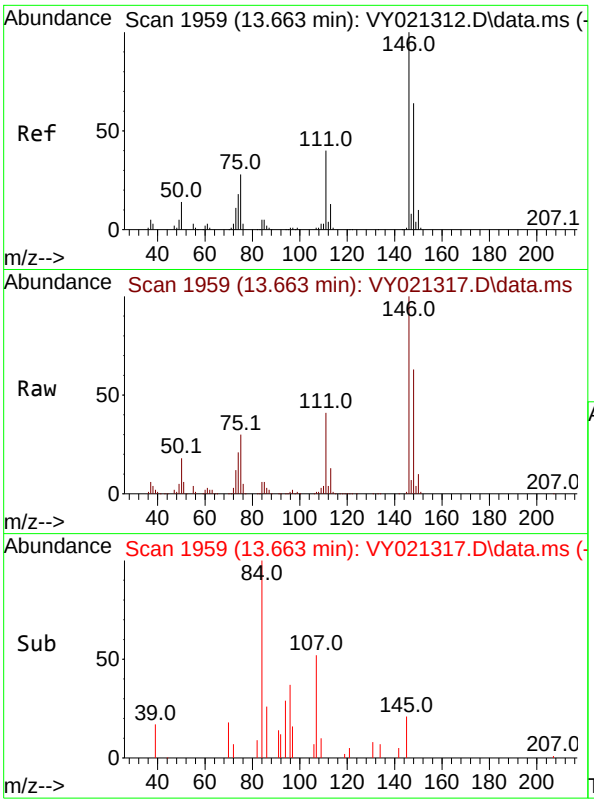


#90
Hexachloroethane
Concen: 55.035 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:117 Resp: 98634

Ion	Ratio	Lower	Upper
117	100		
201	78.0	38.4	115.2



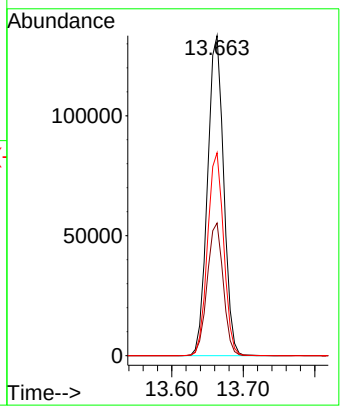


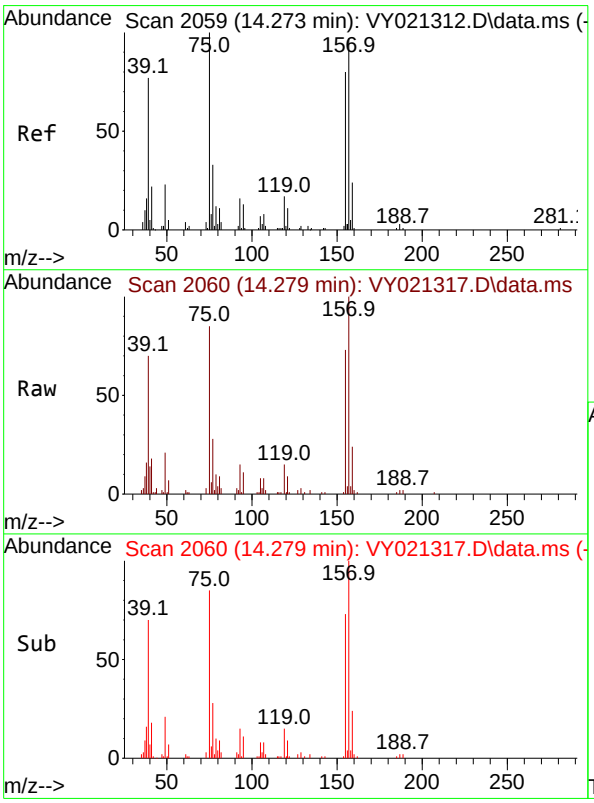
#91
1,2-Dichlorobenzene
Concen: 54.545 ug/l
RT: 13.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion:146 Resp: 208776

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.7	62.1
148	63.4	31.7	95.1

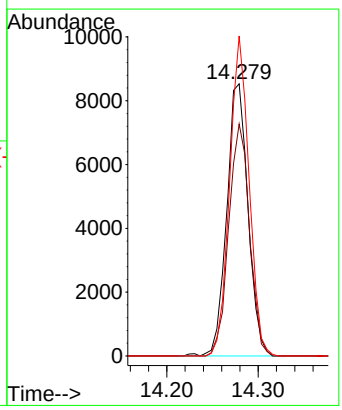


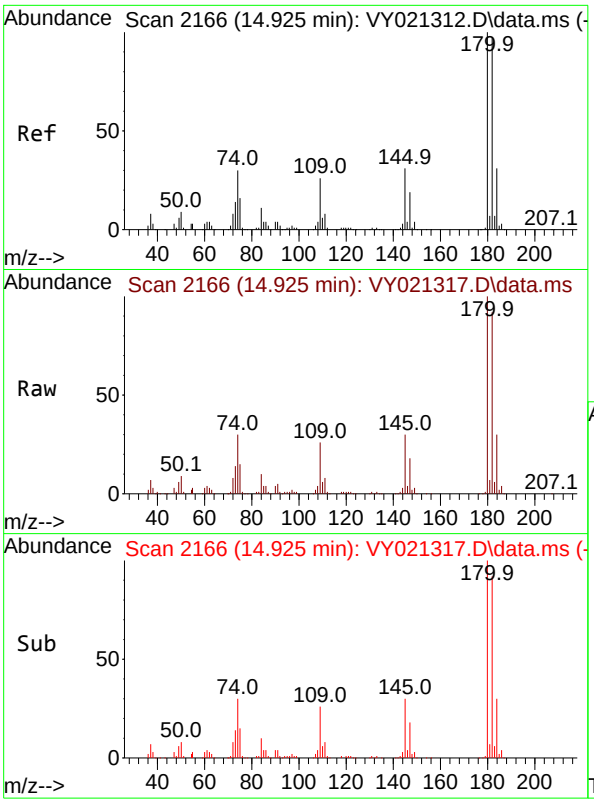


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.137 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 75 Resp: 13821

Ion	Ratio	Lower	Upper
75	100		
155	83.0	41.9	125.6
157	107.2	52.5	157.6



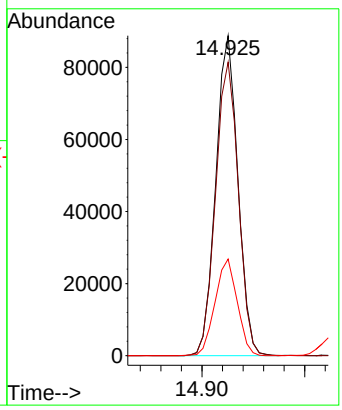


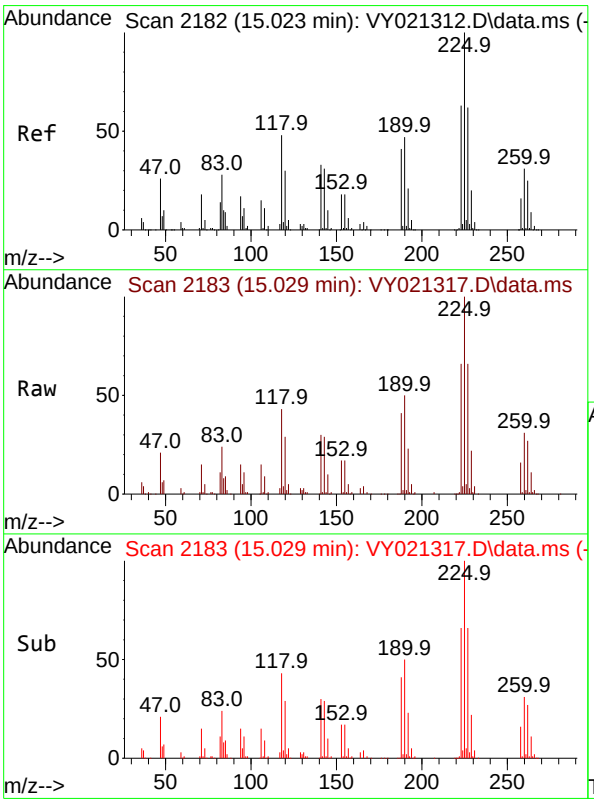
#93
1,2,4-Trichlorobenzene
Concen: 56.703 ug/l
RT: 14.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion:180 Resp: 132464

Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.9	143.7
145	30.3	15.6	46.8

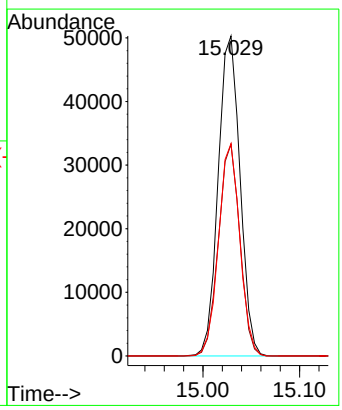


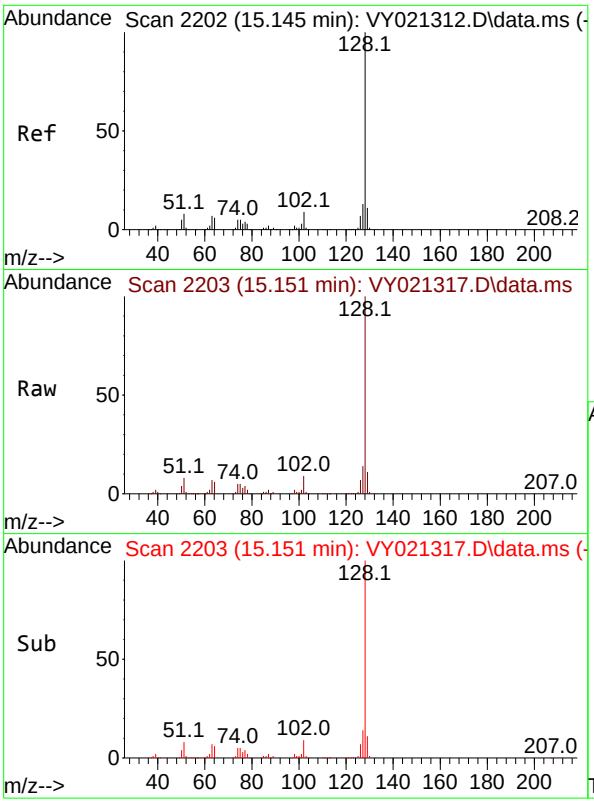


#94
Hexachlorobutadiene
Concen: 53.541 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:225 Resp: 78745

Ion	Ratio	Lower	Upper
225	100		
223	64.6	31.8	95.4
227	64.6	31.9	95.7



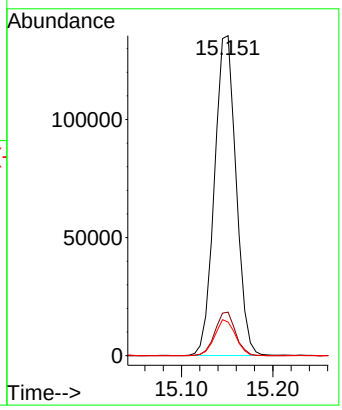


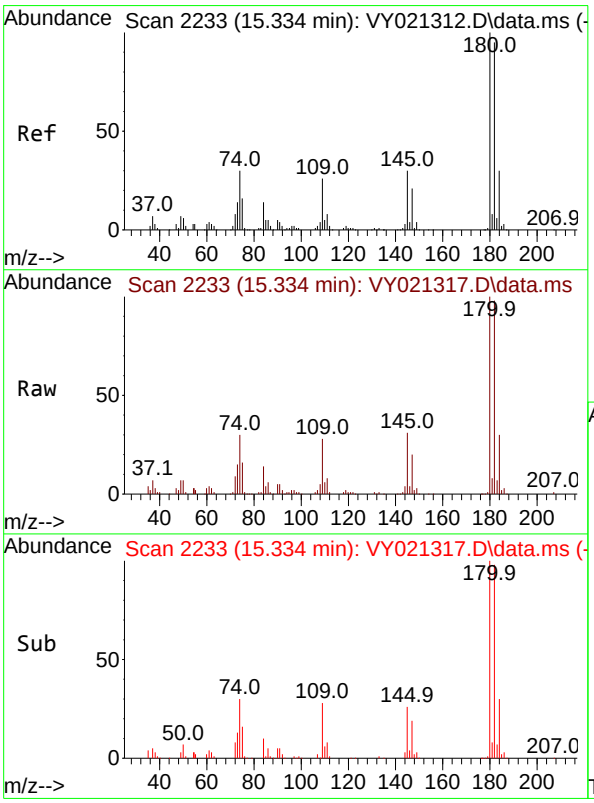
#95
Naphthalene
Concen: 57.589 ug/l
RT: 15.151 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

Tgt Ion:128 Resp: 222839

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.9	8.5	12.7

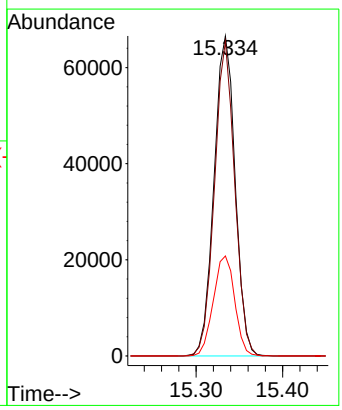




#96
1,2,3-Trichlorobenzene
Concen: 56.980 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:180 Resp: 112466

Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.3	144.9
145	31.7	16.1	48.3



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021320.D
Acq On : 26 Feb 2025 10:11
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Feb 27 00:33:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	193888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	308714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	268805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	131935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	105547	47.987	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.980%		
35) Dibromofluoromethane	7.634	113	98654	48.743	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.480%		
50) Toluene-d8	10.109	98	387966	49.599	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.200%		
62) 4-Bromofluorobenzene	12.408	95	129754	49.290	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.580%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	85738	46.640	ug/l	96
3) Chloromethane	2.068	50	112705	47.473	ug/l	98
4) Vinyl Chloride	2.202	62	113710	48.798	ug/l	98
5) Bromomethane	2.598	94	71789	46.361	ug/l	99
6) Chloroethane	2.739	64	70476	48.772	ug/l	99
7) Trichlorofluoromethane	3.062	101	167868	47.701	ug/l	96
8) Diethyl Ether	3.452	74	52323	49.537	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	96104	47.169	ug/l	99
10) Methyl Iodide	4.007	142	111918	52.212	ug/l	99
11) Tert butyl alcohol	4.854	59	34212	202.221	ug/l	98
12) 1,1-Dichloroethene	3.793	96	94447	48.413	ug/l	99
13) Acrolein	3.653	56	5526	42.624	ug/l	99
14) Allyl chloride	4.385	41	173778	50.242	ug/l	98
15) Acrylonitrile	5.061	53	112963	241.892	ug/l	99
16) Acetone	3.867	43	109810	260.267	ug/l	100
17) Carbon Disulfide	4.110	76	315561	48.712	ug/l	100
18) Methyl Acetate	4.385	43	49846	48.342	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	253623	49.206	ug/l	99
20) Methylene Chloride	4.616	84	103268	45.263	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	104607	48.708	ug/l	99
22) Diisopropyl ether	6.019	45	361038	50.442	ug/l	98
23) Vinyl Acetate	5.958	43	1065848	249.197	ug/l	99
24) 1,1-Dichloroethane	5.915	63	197949	49.069	ug/l	98
25) 2-Butanone	6.890	43	157281	246.999	ug/l	98
26) 2,2-Dichloropropane	6.890	77	180065	49.191	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	122751	50.053	ug/l	99
28) Bromochloromethane	7.244	49	84337	47.247	ug/l	98
29) Tetrahydrofuran	7.262	42	99242	238.435	ug/l	100
30) Chloroform	7.421	83	201334	49.253	ug/l	99
31) Cyclohexane	7.701	56	178746	46.094	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	181553	48.795	ug/l	98
36) 1,1-Dichloropropene	7.835	75	146702	48.254	ug/l	100
37) Ethyl Acetate	6.982	43	72710	48.080	ug/l	100
38) Carbon Tetrachloride	7.817	117	165430	48.402	ug/l	98
39) Methylcyclohexane	9.109	83	178508	46.422	ug/l	97
40) Benzene	8.079	78	436709	48.593	ug/l	100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021320.D
Acq On : 26 Feb 2025 10:11
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Feb 27 00:33:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	36160	42.766	ug/l		91
42) 1,2-Dichloroethane	8.158	62	122335	47.978	ug/l		99
43) Isopropyl Acetate	8.195	43	140455	47.984	ug/l		99
44) Trichloroethene	8.866	130	109499	48.665	ug/l		100
45) 1,2-Dichloropropane	9.140	63	105190	48.637	ug/l		100
46) Dibromomethane	9.231	93	56977	48.195	ug/l		99
47) Bromodichloromethane	9.427	83	152416	48.352	ug/l		99
48) Methyl methacrylate	9.219	41	66362	48.481	ug/l		98
49) 1,4-Dioxane	9.231	88	12417	944.605	ug/l		95
51) 4-Methyl-2-Pentanone	10.000	43	360891	240.853	ug/l		100
52) Toluene	10.170	92	275527	49.351	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	144366	49.988	ug/l		98
54) cis-1,3-Dichloropropene	9.853	75	167718	49.192	ug/l		99
55) 1,1,2-Trichloroethane	10.573	97	72899	47.334	ug/l		98
56) Ethyl methacrylate	10.439	69	108485	50.979	ug/l		100
57) 1,3-Dichloropropane	10.719	76	132919	49.183	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	239640	234.614	ug/l		100
59) 2-Hexanone	10.762	43	245501	249.476	ug/l		99
60) Dibromochloromethane	10.908	129	102499	48.867	ug/l		100
61) 1,2-Dibromoethane	11.018	107	69304	47.532	ug/l		98
64) Tetrachloroethene	10.646	164	96416	47.455	ug/l		98
65) Chlorobenzene	11.444	112	293397	48.625	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.518	131	104152	49.295	ug/l		100
67) Ethyl Benzene	11.518	91	530215	49.609	ug/l		99
68) m/p-Xylenes	11.627	106	395166	98.298	ug/l		99
69) o-Xylene	11.957	106	187084	49.676	ug/l		98
70) Styrene	11.969	104	316002	50.431	ug/l		100
71) Bromoform	12.133	173	58316	48.247	ug/l	#	99
73) Isopropylbenzene	12.255	105	493694	49.774	ug/l		99
74) N-amyl acetate	12.072	43	128988	51.162	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	84288	48.150	ug/l		99
76) 1,2,3-Trichloropropane	12.560	75	113156	85.685	ug/l	#	100
77) Bromobenzene	12.536	156	114266	49.529	ug/l		99
78) n-propylbenzene	12.597	91	595911	49.510	ug/l		100
79) 2-Chlorotoluene	12.682	91	339722	49.181	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	403527	49.604	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	29544	49.724	ug/l		99
82) 4-Chlorotoluene	12.780	91	353786	49.408	ug/l		99
83) tert-Butylbenzene	12.999	119	358344	48.765	ug/l		100
84) 1,2,4-Trimethylbenzene	13.048	105	403288	49.846	ug/l		100
85) sec-Butylbenzene	13.176	105	515970	48.069	ug/l		100
86) p-Isopropyltoluene	13.292	119	435539	48.594	ug/l		100
87) 1,3-Dichlorobenzene	13.292	146	221110	48.450	ug/l		100
88) 1,4-Dichlorobenzene	13.371	146	215487	47.797	ug/l		100
89) n-Butylbenzene	13.621	91	408995	48.491	ug/l		100
90) Hexachloroethane	13.883	117	88564	47.306	ug/l		100
91) 1,2-Dichlorobenzene	13.664	146	193750	48.457	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	13100	47.306	ug/l		97
93) 1,2,4-Trichlorobenzene	14.926	180	116572	47.769	ug/l		99
94) Hexachlorobutadiene	15.029	225	70063	45.603	ug/l		99
95) Naphthalene	15.145	128	205892	50.937	ug/l		99
96) 1,2,3-Trichlorobenzene	15.334	180	98515	47.779	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021320.D
Acq On : 26 Feb 2025 10:11
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Feb 27 00:33:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

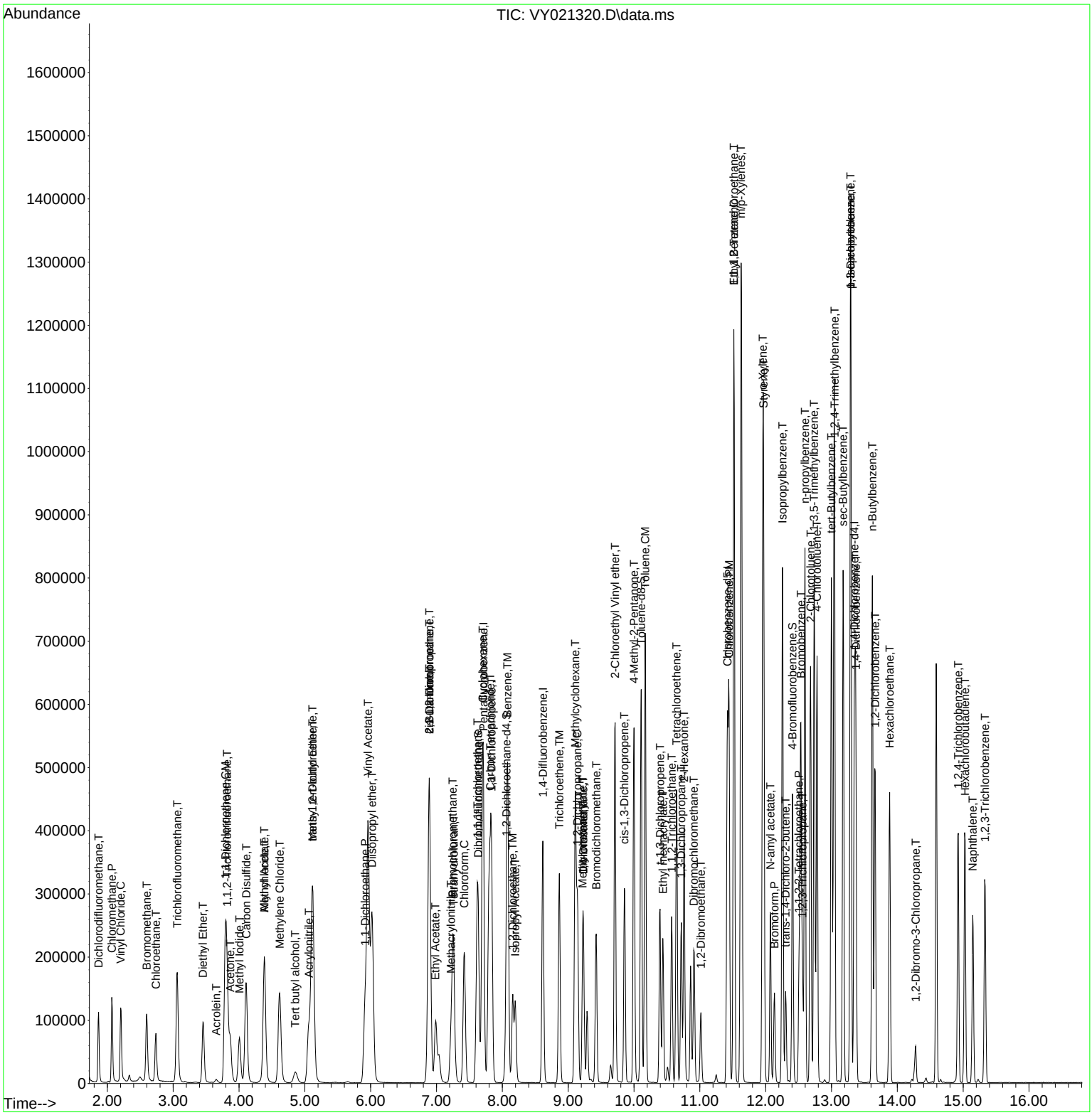
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

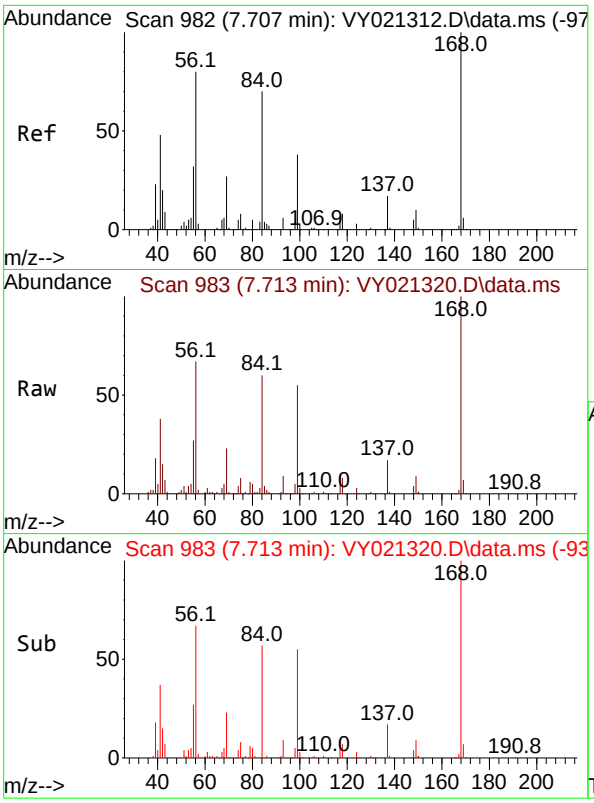
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021320.D
Acq On : 26 Feb 2025 10:11
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Feb 27 00:33:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration



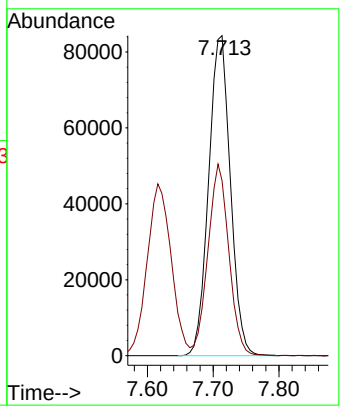


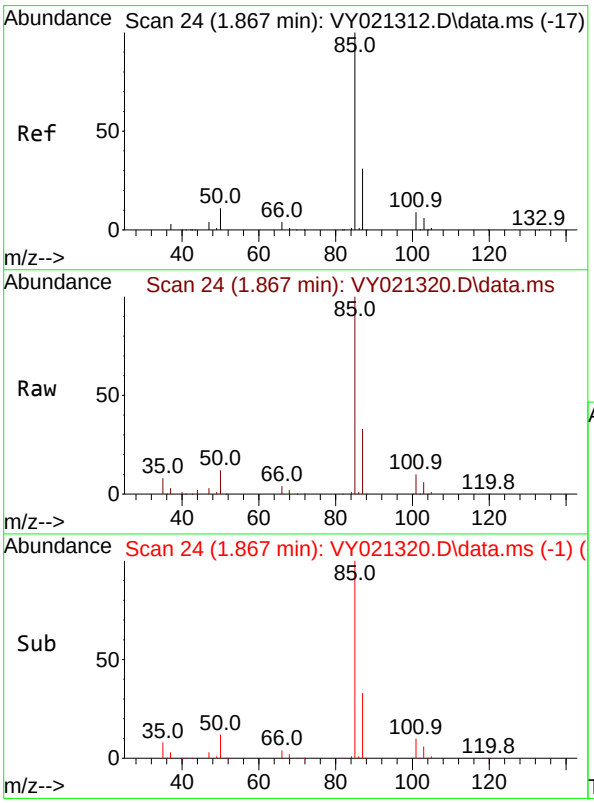
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 193888

Ion	Ratio	Lower	Upper
168	100		
99	54.7	47.1	70.7

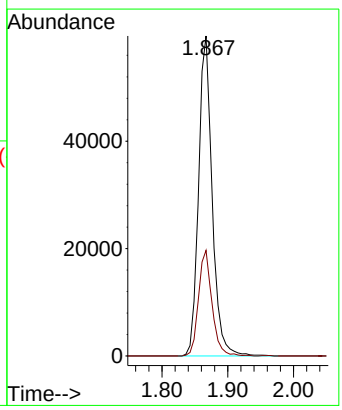


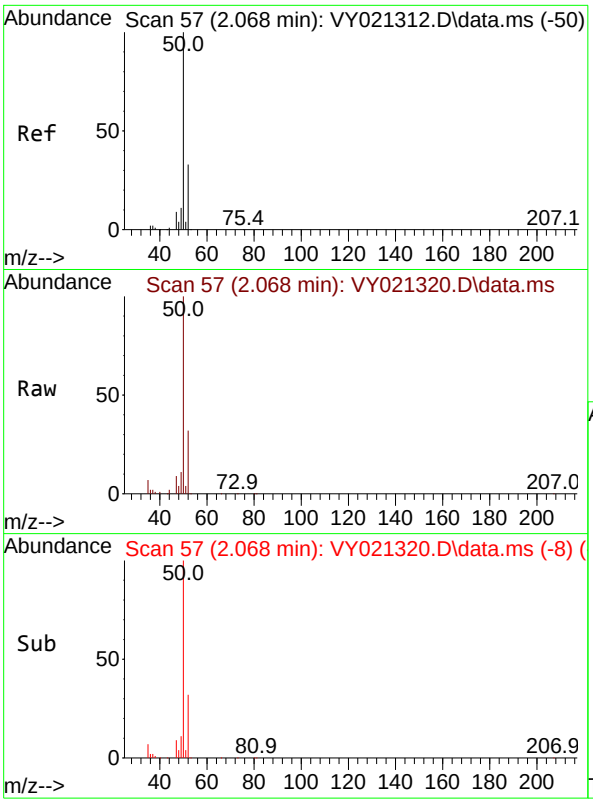


#2
Dichlorodifluoromethane
Concen: 46.640 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 85 Resp: 85738

Ion	Ratio	Lower	Upper
85	100		
87	33.0	15.4	46.4



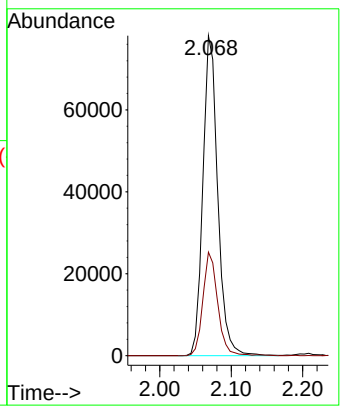


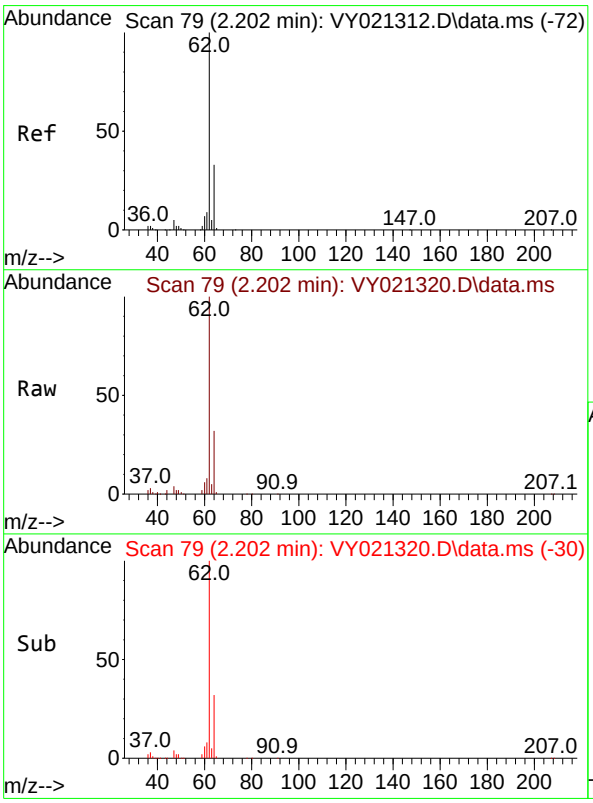
#3
Chloromethane
Concen: 47.473 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 112705

Ion	Ratio	Lower	Upper
50	100		
52	32.3	26.6	40.0

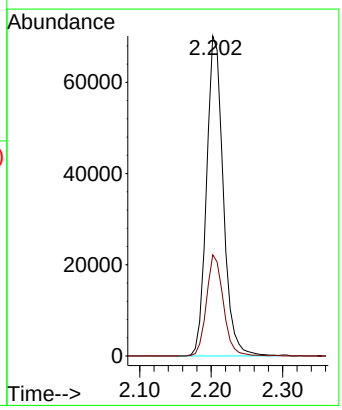


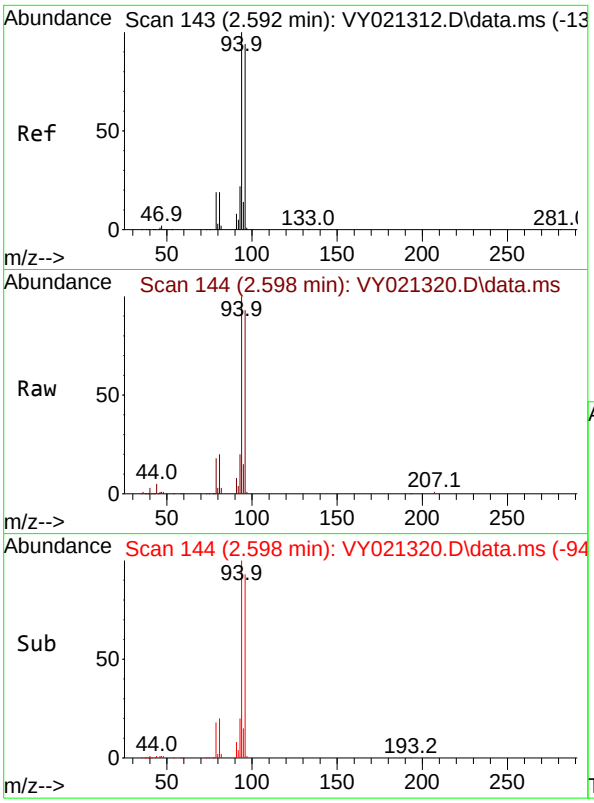


#4
Vinyl Chloride
Concen: 48.798 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 62 Resp: 113710

Ion	Ratio	Lower	Upper
62	100		
64	31.6	26.3	39.5



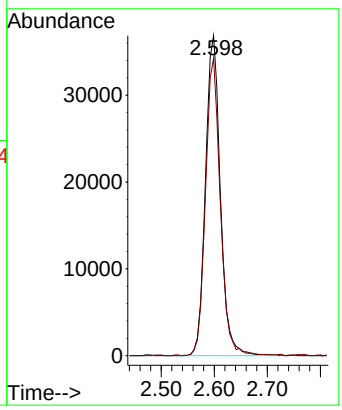


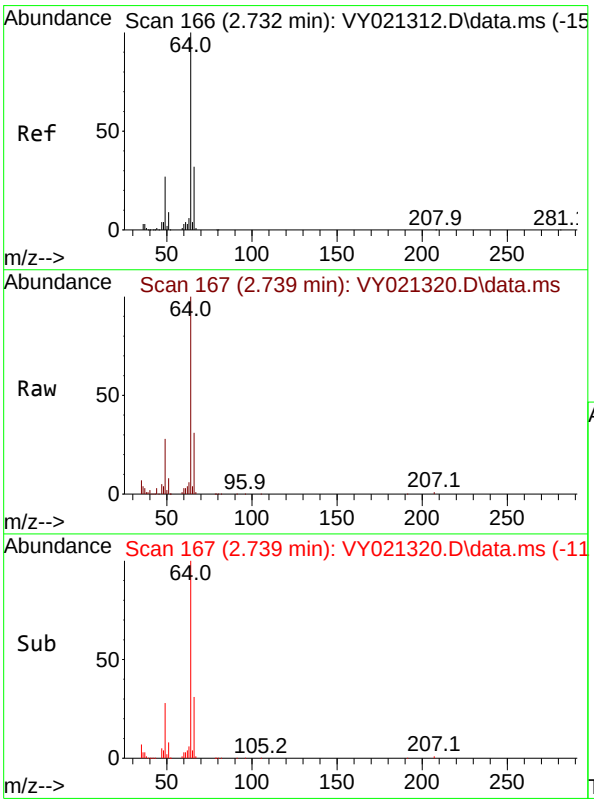
#5
Bromomethane
Concen: 46.361 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 71789

Ion	Ratio	Lower	Upper
94	100		
96	92.6	75.2	112.8

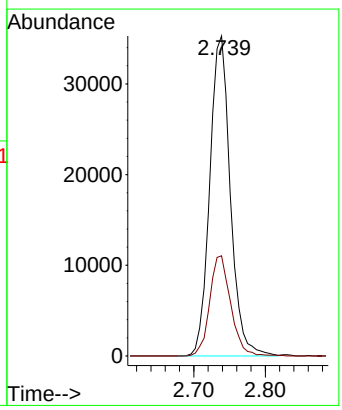


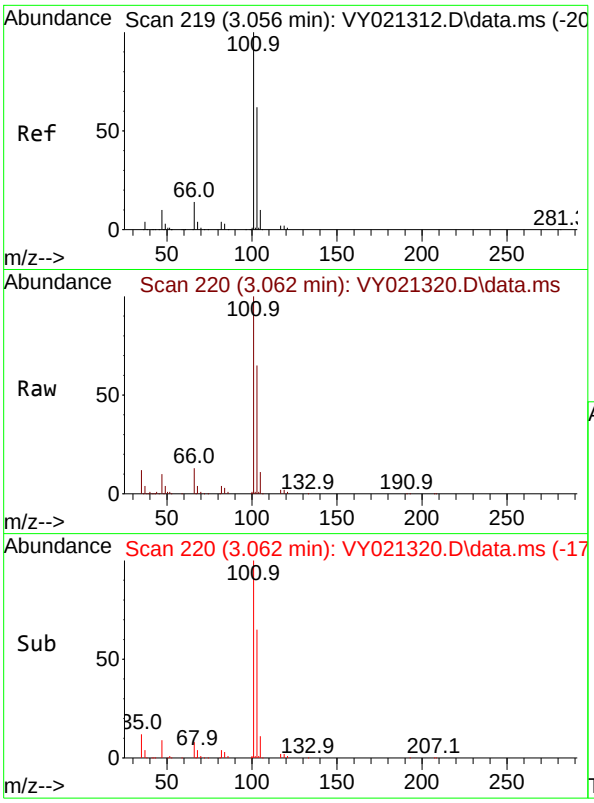


#6
Chloroethane
Concen: 48.772 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 64 Resp: 70476

Ion	Ratio	Lower	Upper
64	100		
66	31.3	25.4	38.0



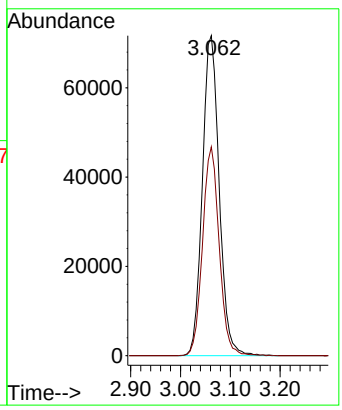


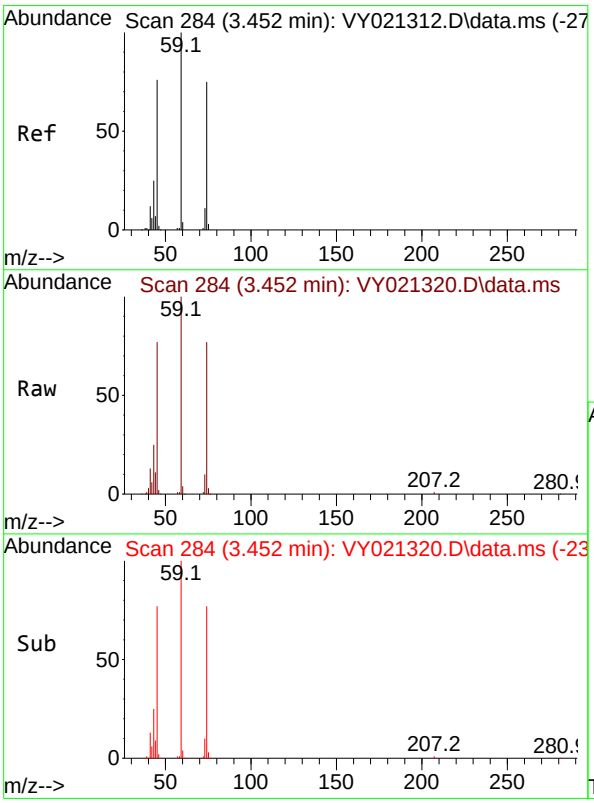
#7
Trichlorofluoromethane
Concen: 47.701 ug/l
RT: 3.062 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 167868

Ion	Ratio	Lower	Upper
101	100		
103	65.3	49.7	74.5

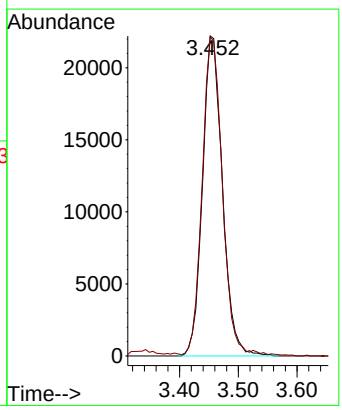


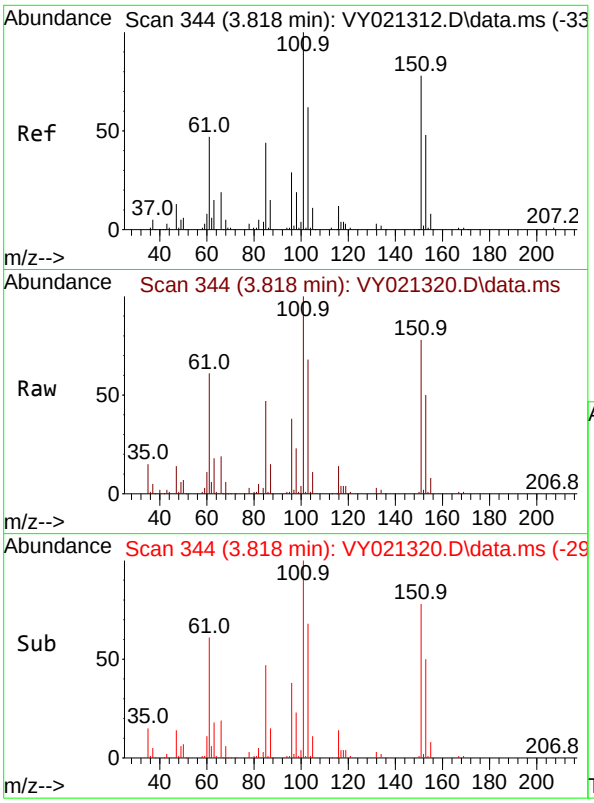


#8
Diethyl Ether
Concen: 49.537 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 74 Resp: 52323

Ion	Ratio	Lower	Upper
74	100		
45	99.2	50.3	150.9



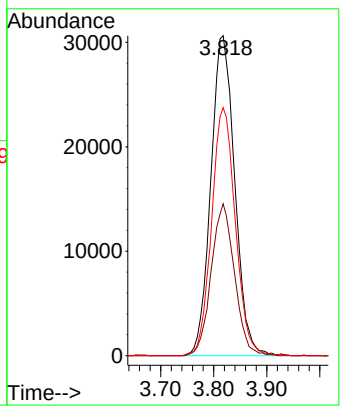


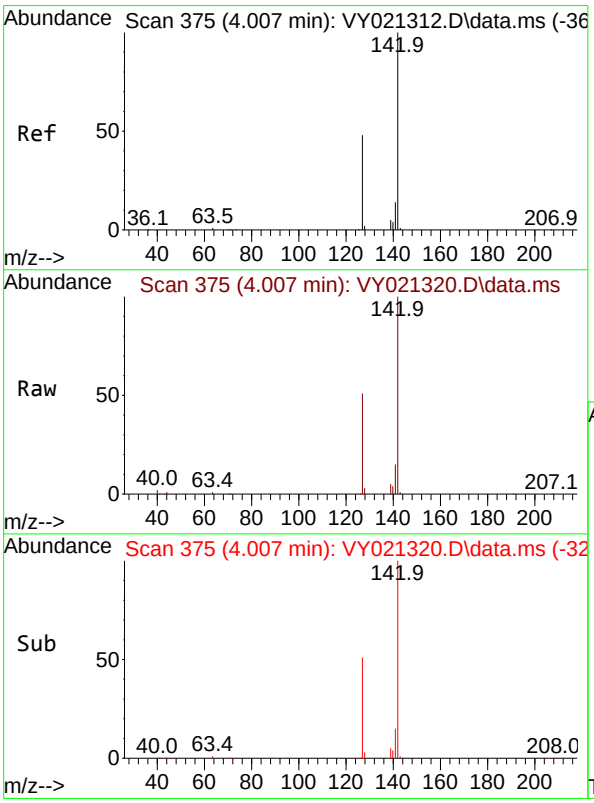
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.169 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 96104

Ion	Ratio	Lower	Upper
101	100		
85	46.2	36.7	55.1
151	77.0	62.6	94.0

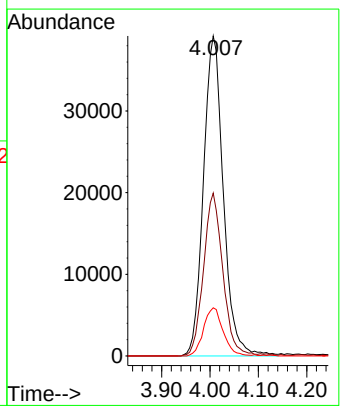


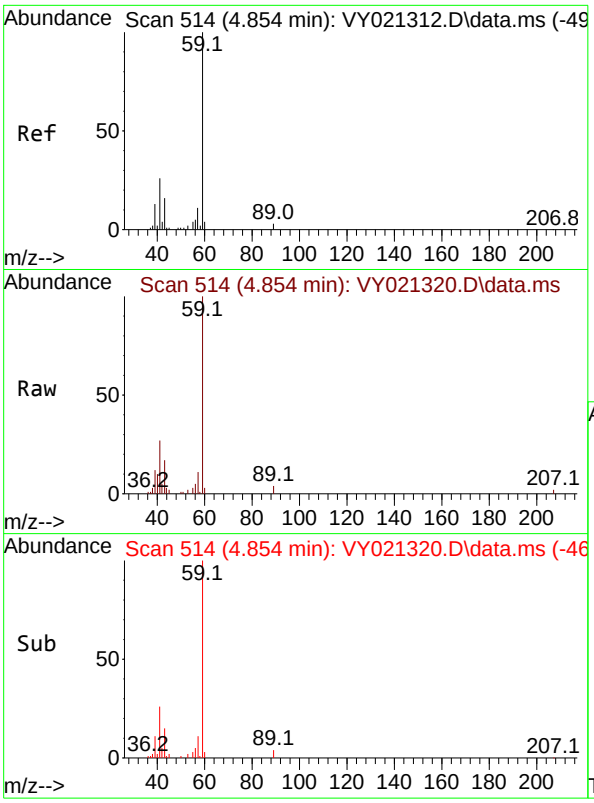


#10
Methyl Iodide
Concen: 52.212 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:142 Resp: 111918

Ion	Ratio	Lower	Upper
142	100		
127	49.4	39.2	58.8
141	14.8	11.4	17.2



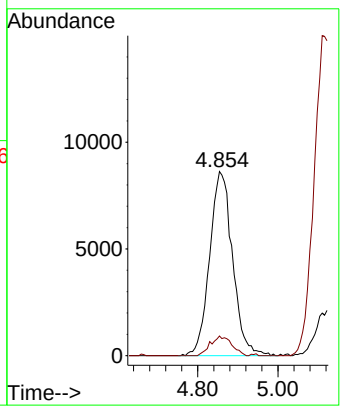


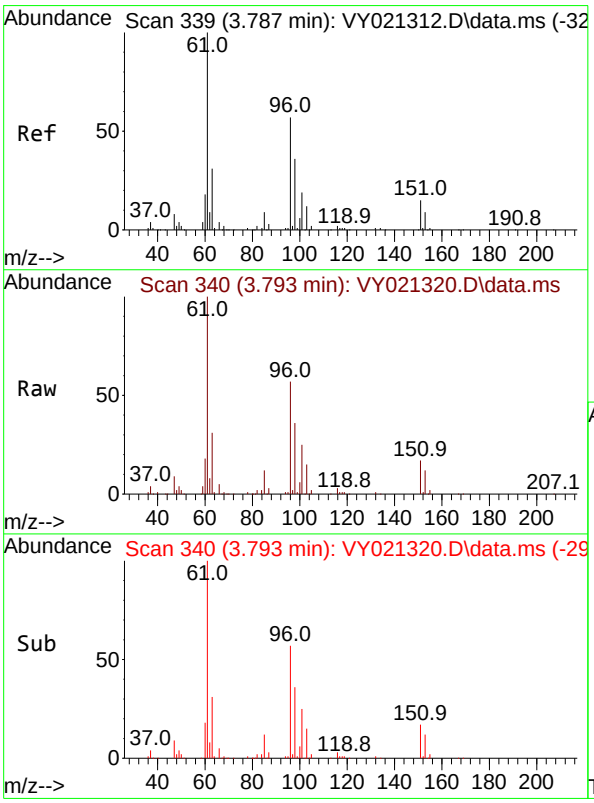
#11
Tert butyl alcohol
Concen: 202.221 ug/l
RT: 4.854 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 34212

Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.3	12.5

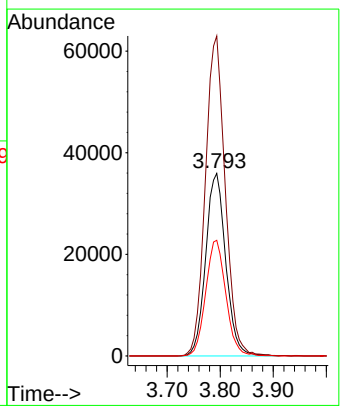


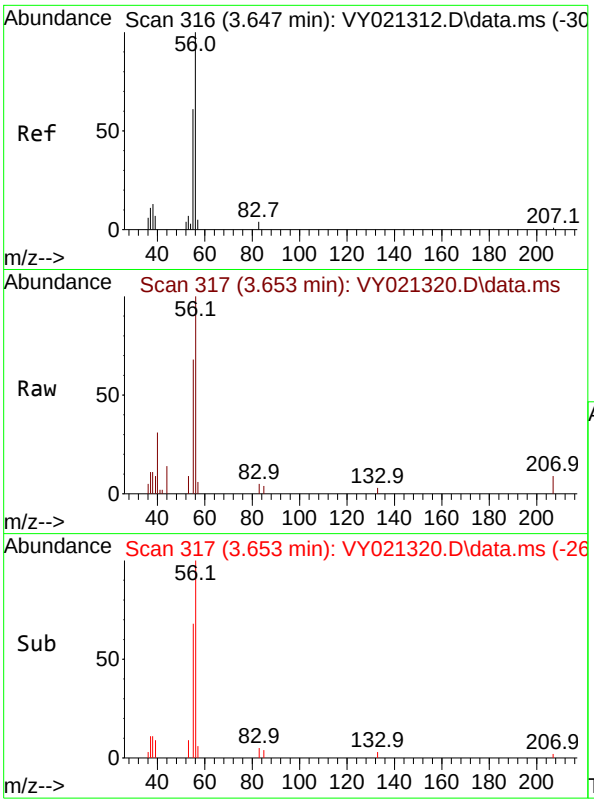


#12
1,1-Dichloroethene
Concen: 48.413 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 96 Resp: 94447

Ion	Ratio	Lower	Upper
96	100		
61	175.2	139.7	209.5
98	63.3	49.7	74.5



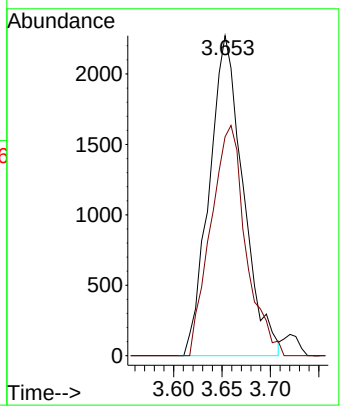


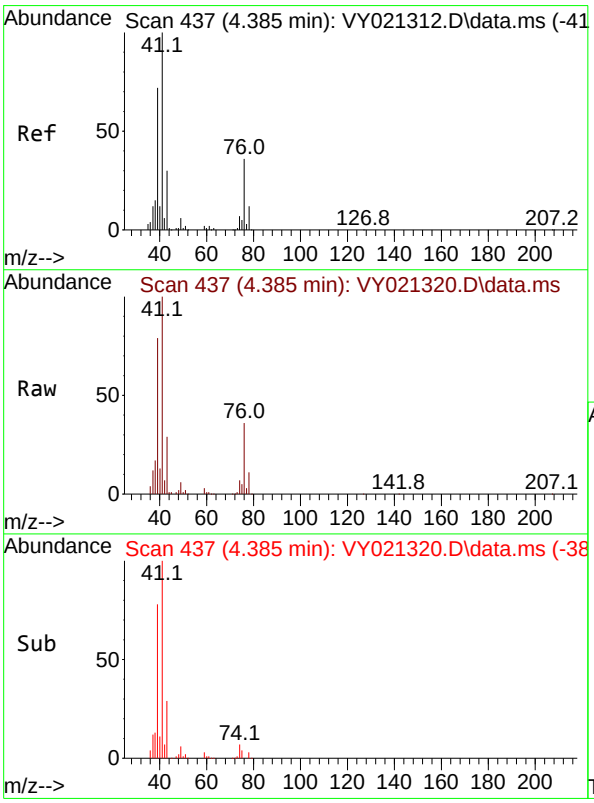
#13
Acrolein
Concen: 42.624 ug/l
RT: 3.653 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 5526

Ion	Ratio	Lower	Upper
56	100		
55	74.4	59.0	88.6

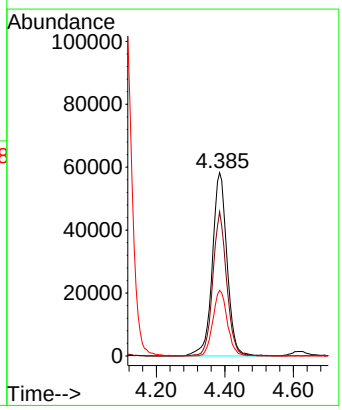


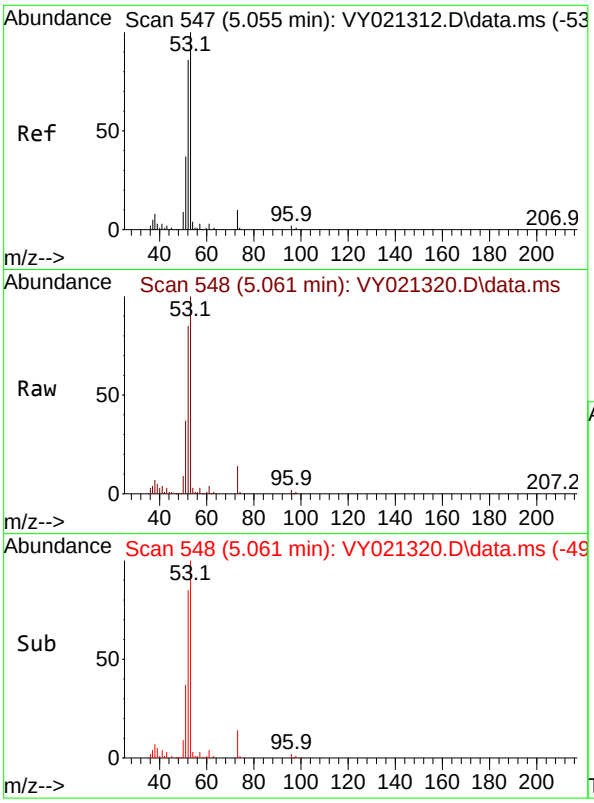


#14
Allyl chloride
Concen: 50.242 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 41 Resp: 173778

Ion	Ratio	Lower	Upper
41	100		
39	73.8	60.0	90.0
76	35.2	29.0	43.6



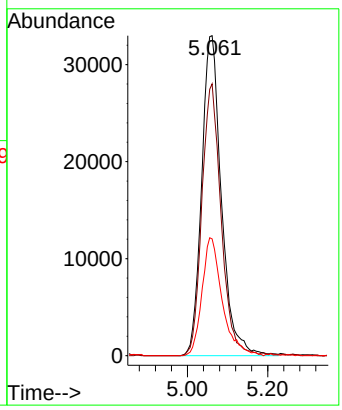


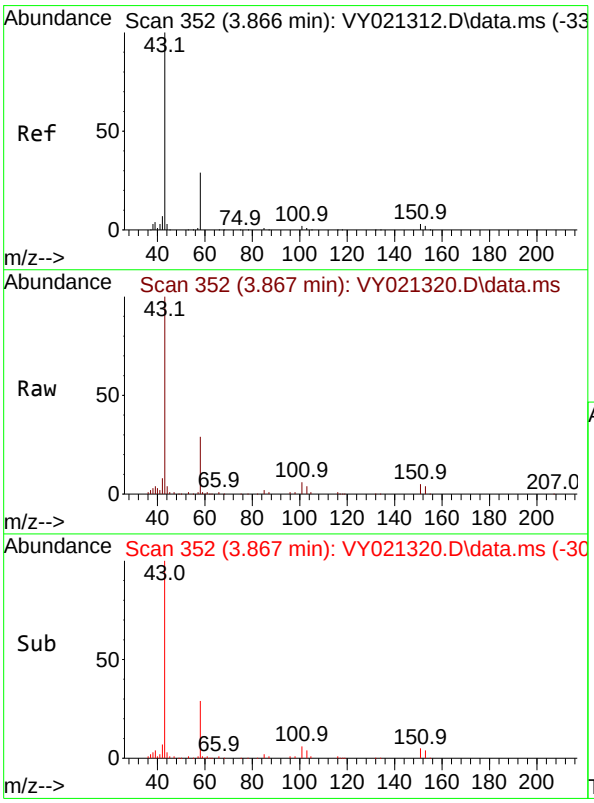
#15
Acrylonitrile
Concen: 241.892 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 112963

Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.5	98.3
51	37.7	30.6	46.0

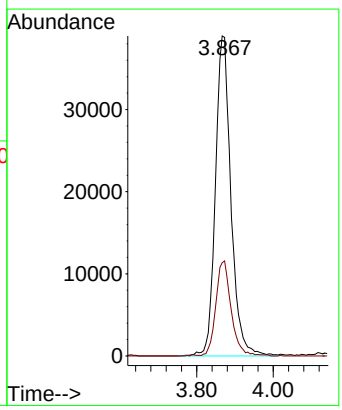


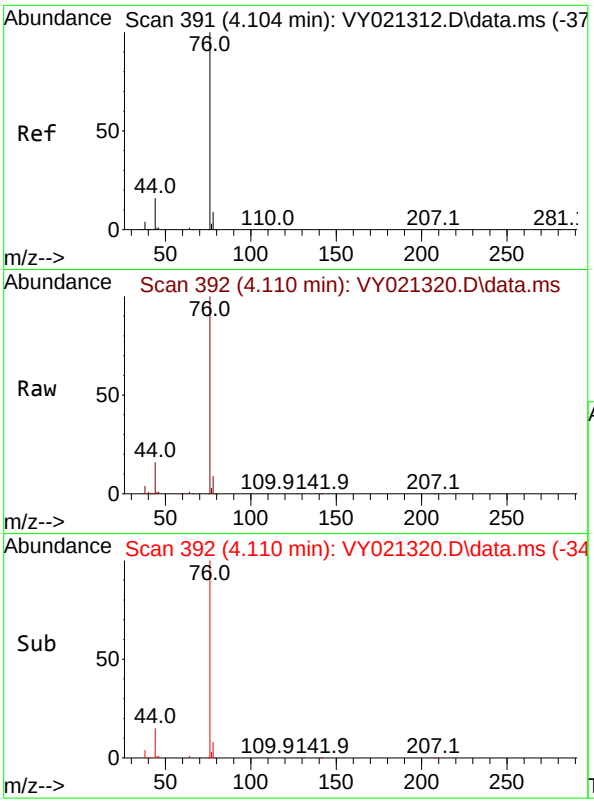


#16
Acetone
Concen: 260.267 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 43 Resp: 109810

Ion	Ratio	Lower	Upper
43	100		
58	29.2	23.5	35.3



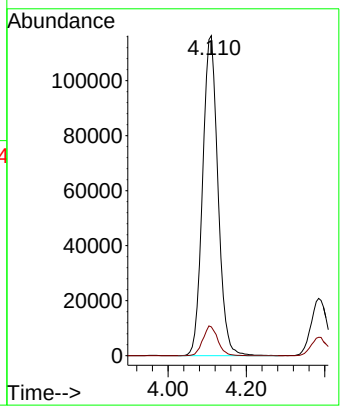


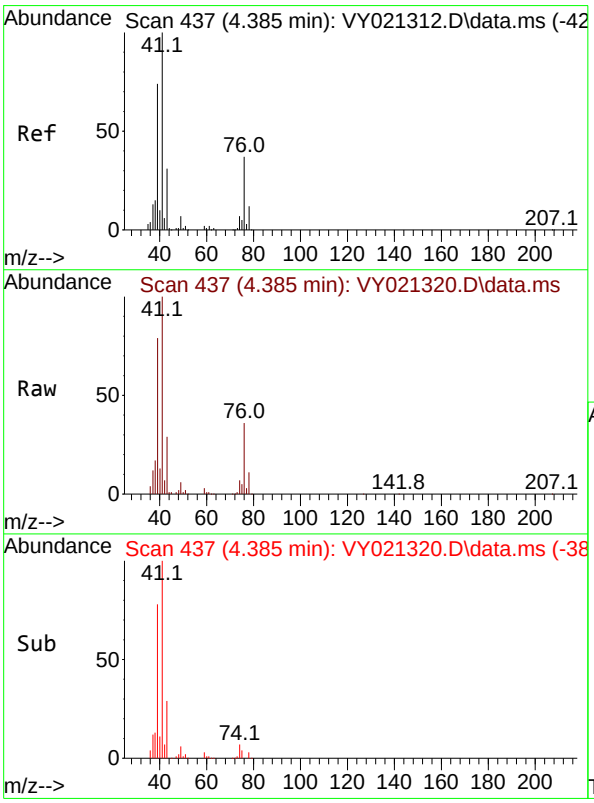
#17
Carbon Disulfide
Concen: 48.712 ug/l
RT: 4.110 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 315561

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7

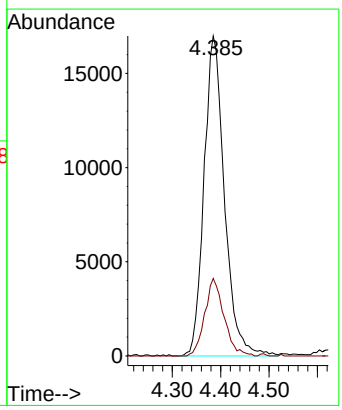


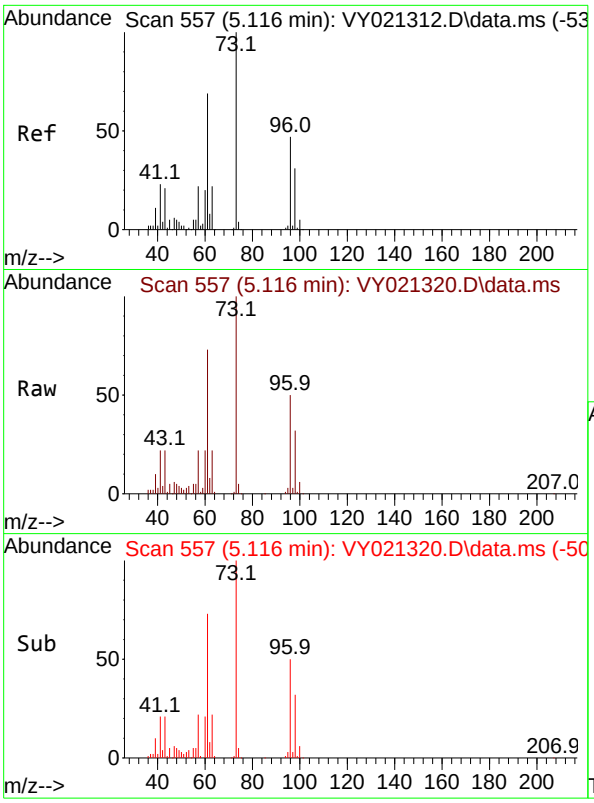


#18
Methyl Acetate
Concen: 48.342 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 43 Resp: 49846

Ion	Ratio	Lower	Upper
43	100		
74	22.8	17.7	26.5



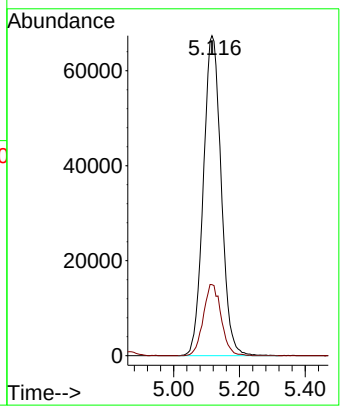


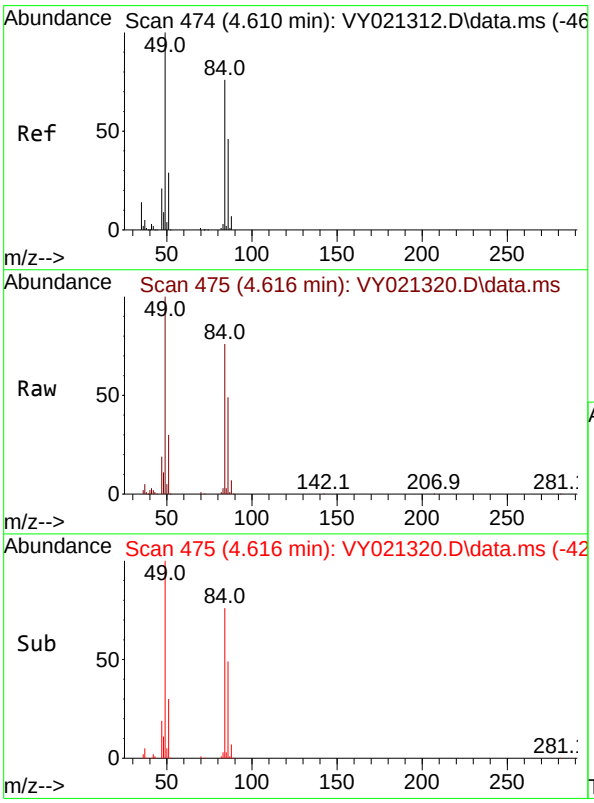
#19
Methyl tert-butyl Ether
Concen: 49.206 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 253623

Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.4	26.0

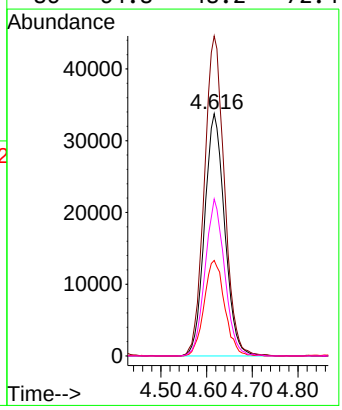


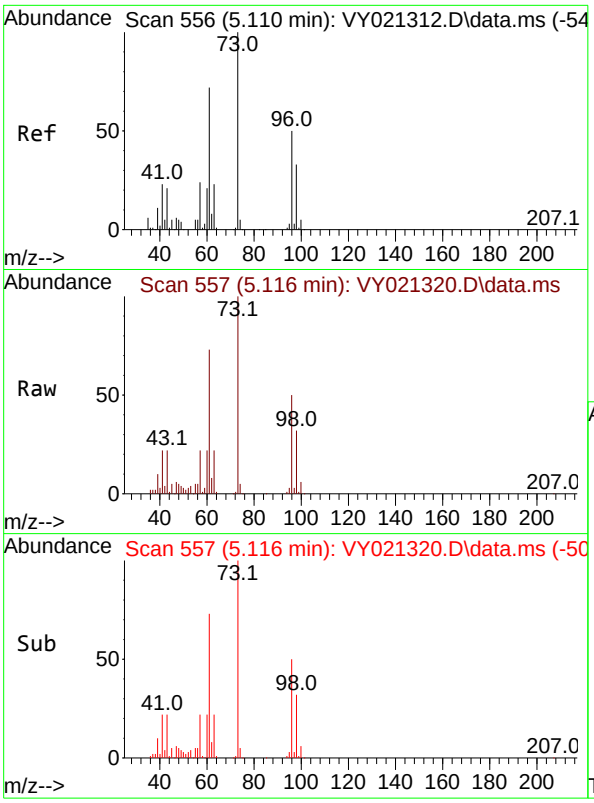


#20
Methylene Chloride
Concen: 45.263 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 84 Resp: 103268

Ion	Ratio	Lower	Upper
84	100		
49	132.1	105.1	157.7
51	39.5	31.0	46.4
86	64.8	48.2	72.4



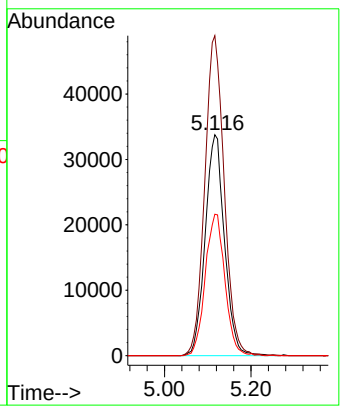


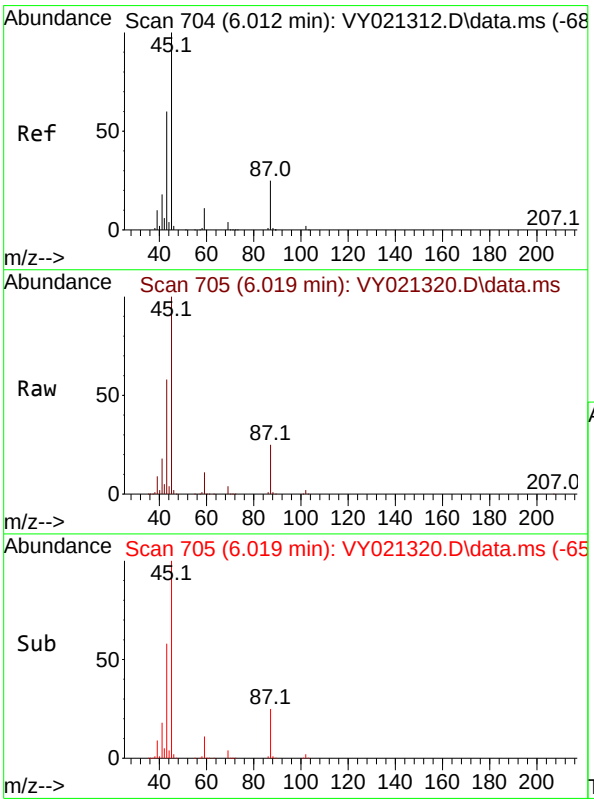
#21
trans-1,2-Dichloroethene
Concen: 48.708 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 104607

Ion	Ratio	Lower	Upper
96	100		
61	144.8	116.3	174.5
98	64.0	52.6	78.8

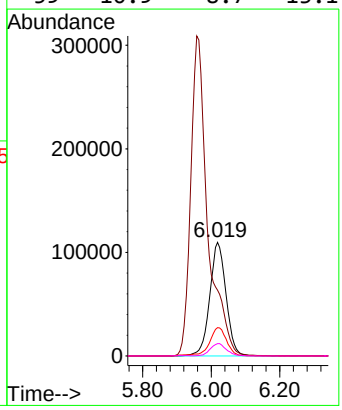


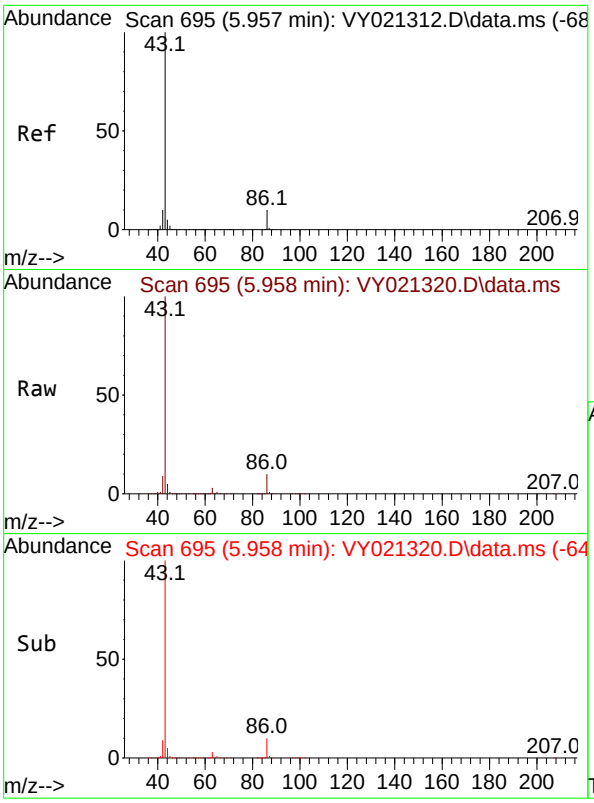


#22
Diisopropyl ether
Concen: 50.442 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 45 Resp: 361038

Ion	Ratio	Lower	Upper
45	100		
43	57.7	48.2	72.4
87	24.9	20.3	30.5
59	10.9	8.7	13.1



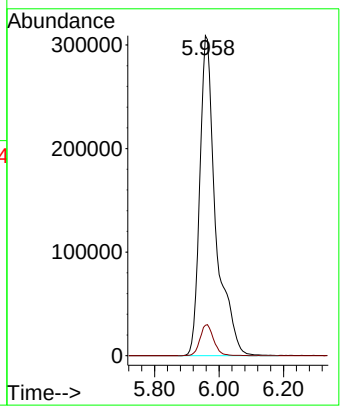


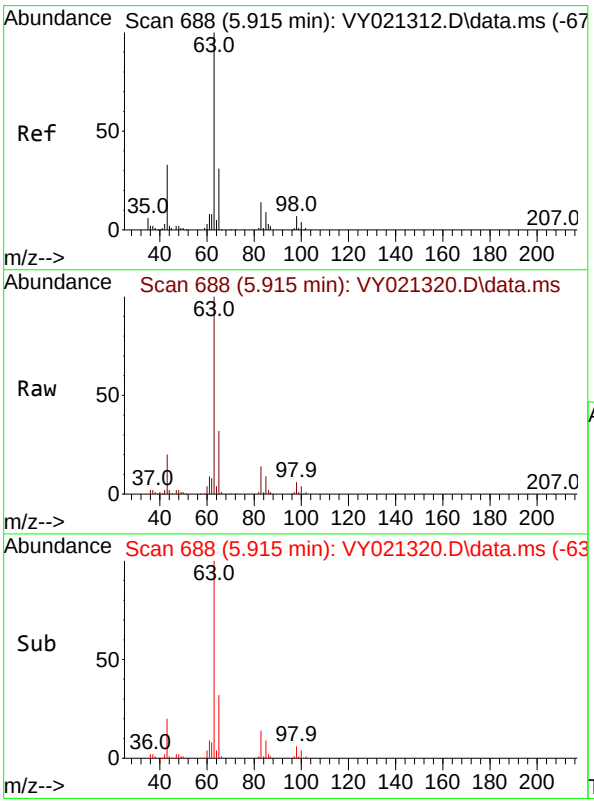
#23
Vinyl Acetate
Concen: 249.197 ug/l
RT: 5.958 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1065848

Ion	Ratio	Lower	Upper
43	100		
86	9.5	8.0	12.0

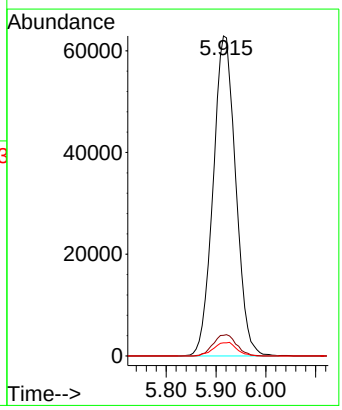


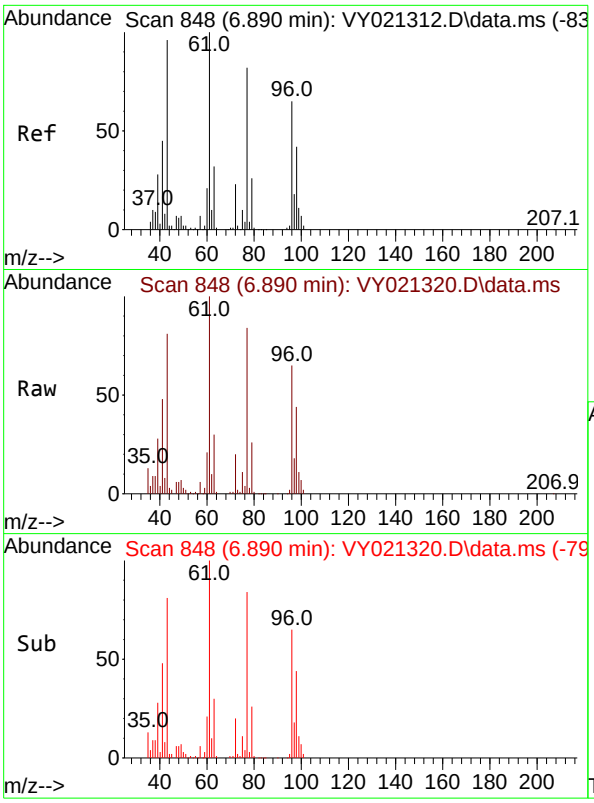


#24
1,1-Dichloroethane
Concen: 49.069 ug/l
RT: 5.915 min Scan# 688
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 63 Resp: 197949

Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.7	11.1
100	4.1	2.1	6.5



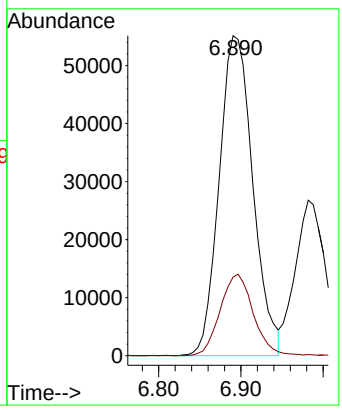


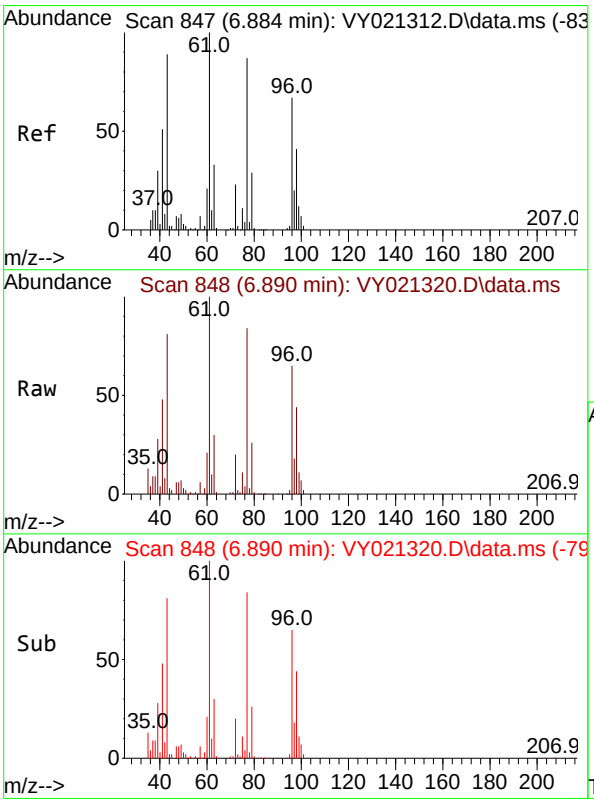
#25
2-Butanone
Concen: 246.999 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 157281

Ion	Ratio	Lower	Upper
43	100		
72	24.5	19.0	28.6

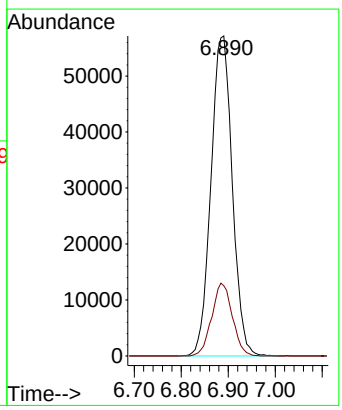


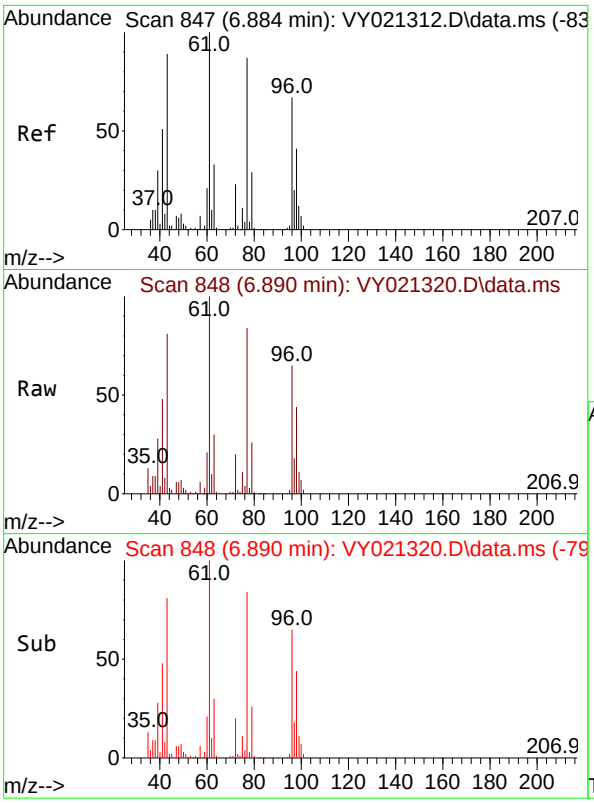


#26
2,2-Dichloropropane
Concen: 49.191 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 77 Resp: 180065

Ion	Ratio	Lower	Upper
77	100		
97	21.9	10.9	32.7



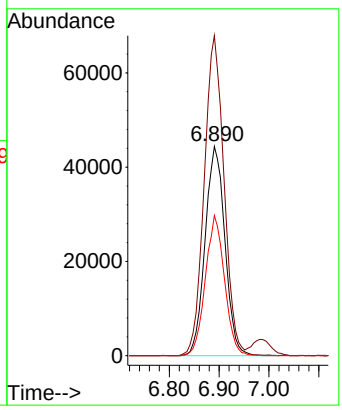


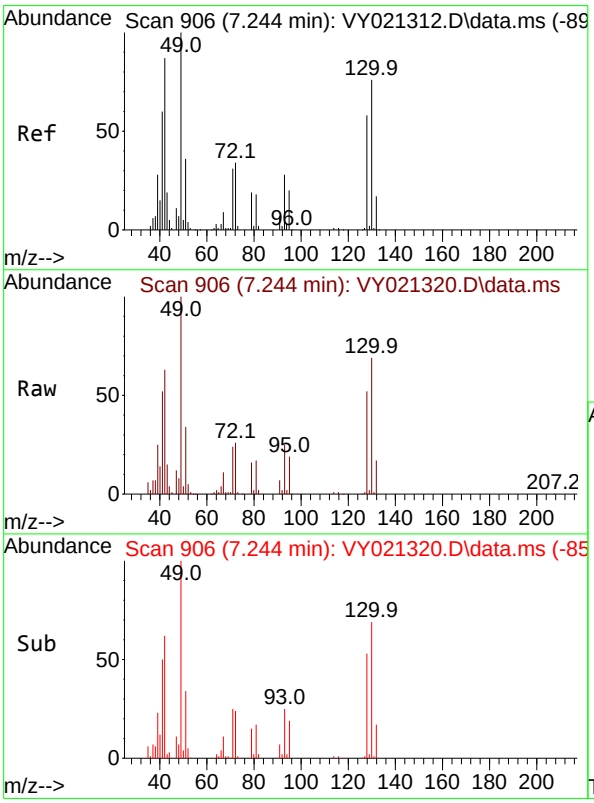
#27
cis-1,2-Dichloroethene
Concen: 50.053 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 122751

Ion	Ratio	Lower	Upper
96	100		
61	152.2	0.0	308.0
98	64.6	0.0	129.6

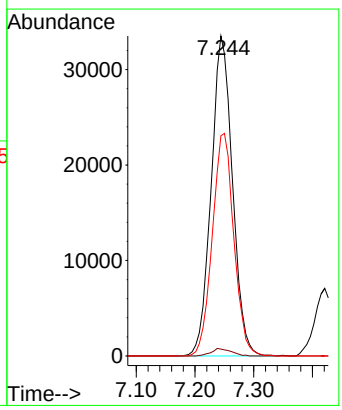


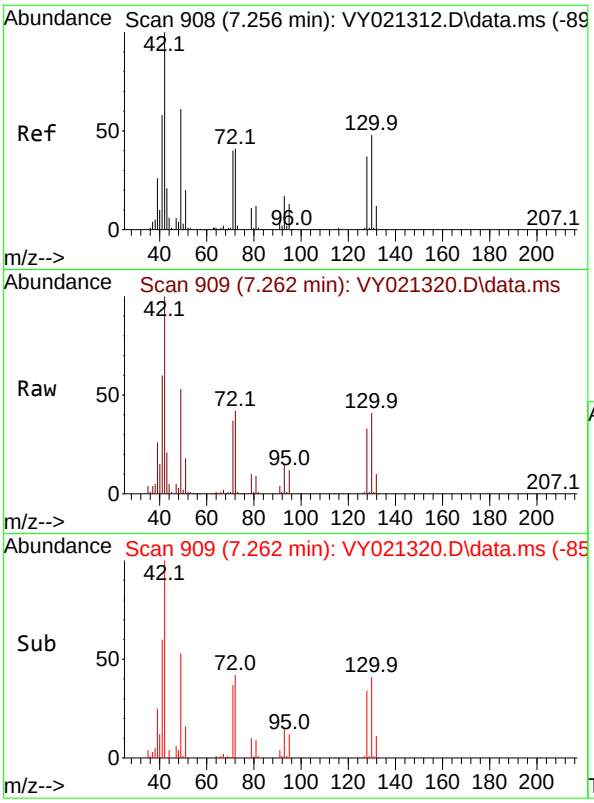


#28
Bromochloromethane
Concen: 47.247 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 49 Resp: 84337

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	70.3	57.8	86.6



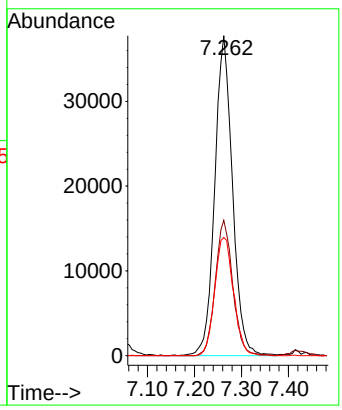


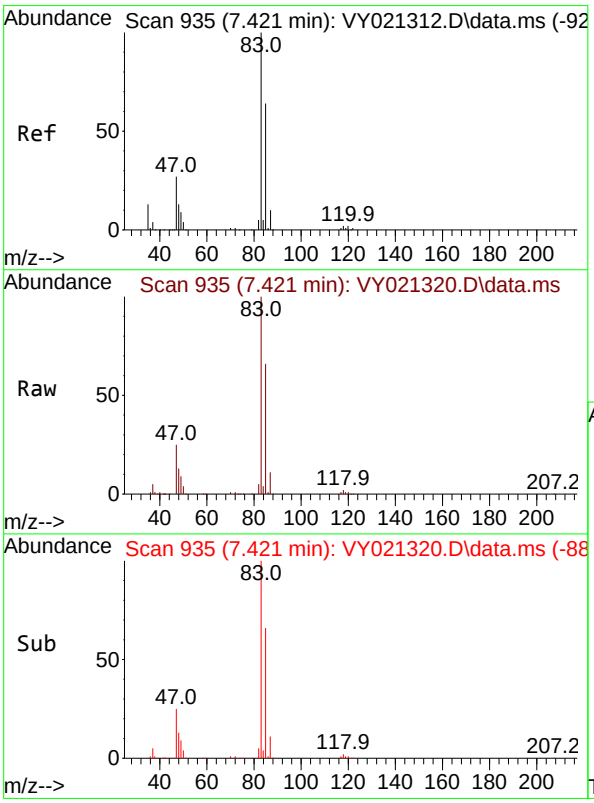
#29
Tetrahydrofuran
Concen: 238.435 ug/l
RT: 7.262 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 99242

Ion	Ratio	Lower	Upper
42	100		
72	41.6	33.1	49.7
71	39.1	31.4	47.0

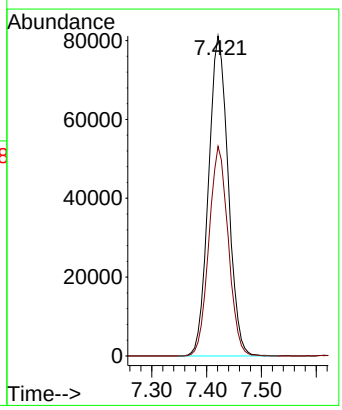


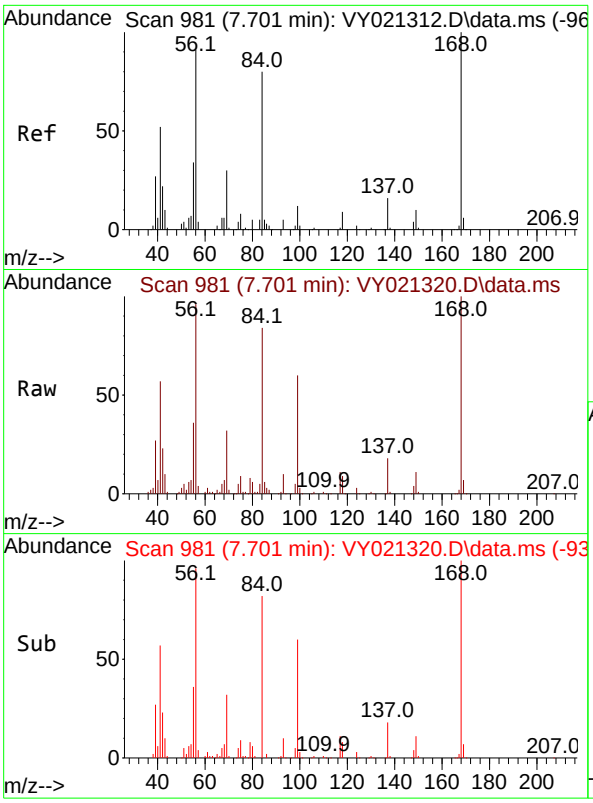


#30
Chloroform
Concen: 49.253 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 83 Resp: 201334

Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.6	77.4



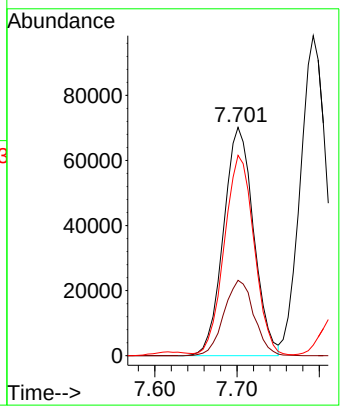


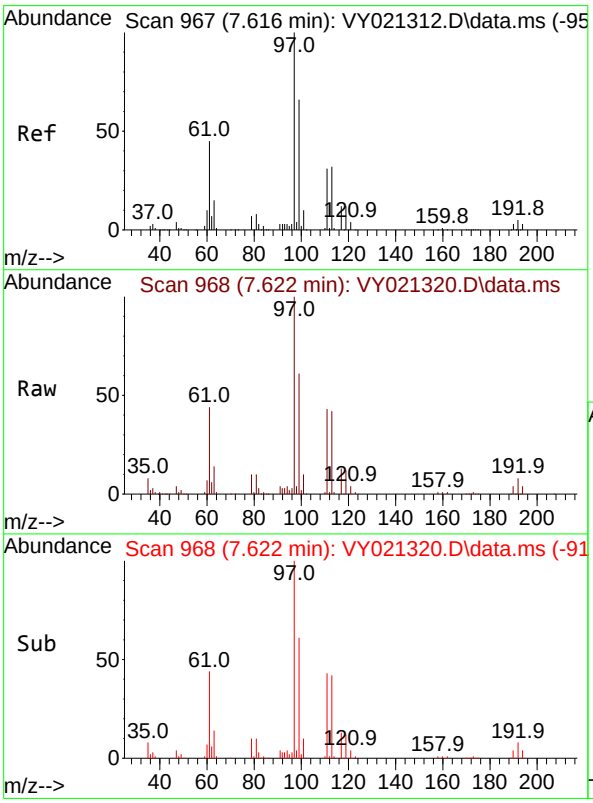
#31
Cyclohexane
Concen: 46.094 ug/l
RT: 7.701 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 178746

Ion	Ratio	Lower	Upper
56	100		
69	33.0	26.2	39.4
84	86.1	70.2	105.4

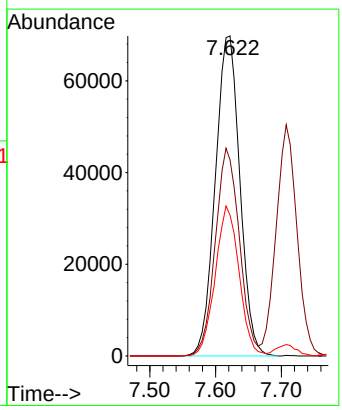


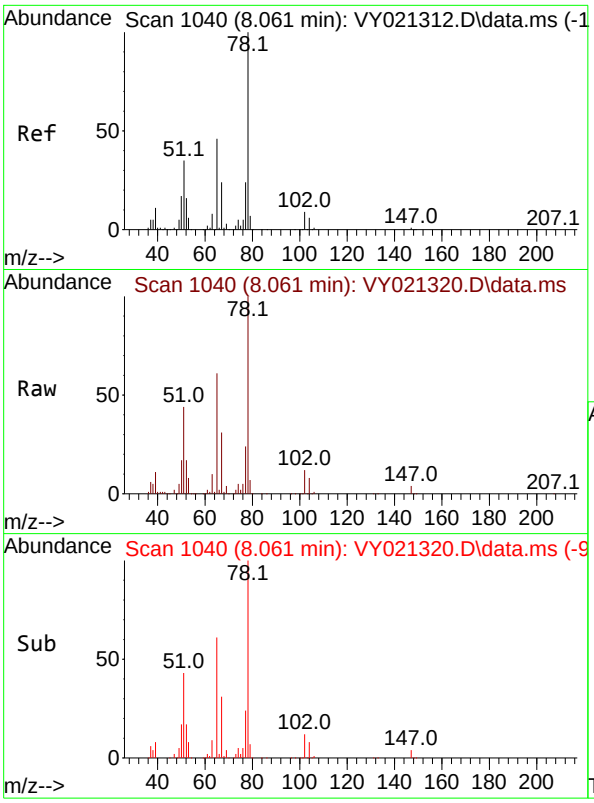


#32
1,1,1-Trichloroethane
Concen: 48.795 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 97 Resp: 181553

Ion	Ratio	Lower	Upper
97	100		
99	63.7	52.4	78.6
61	45.6	36.2	54.2



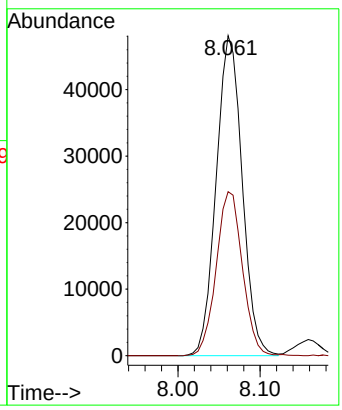


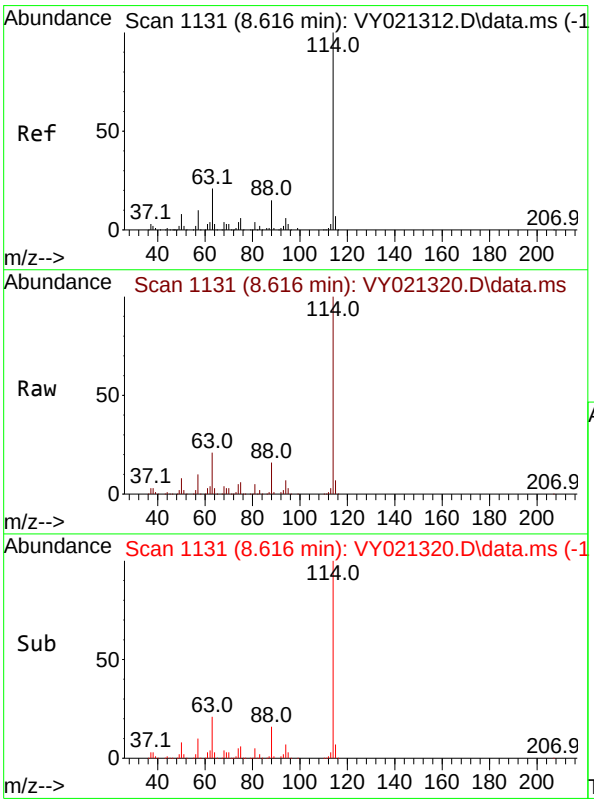
#33
1,2-Dichloroethane-d4
Concen: 47.987 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 105547

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	103.6

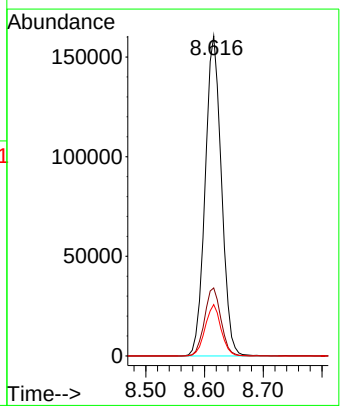


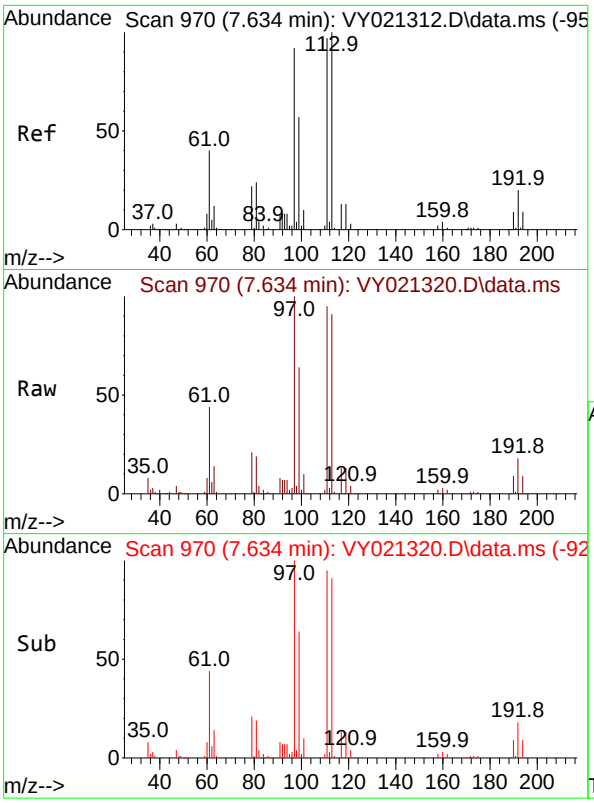


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:114 Resp: 308714

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	42.2
88	16.0	0.0	29.8



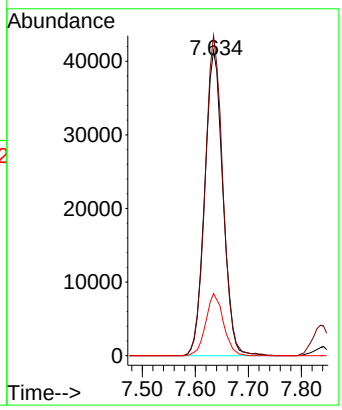


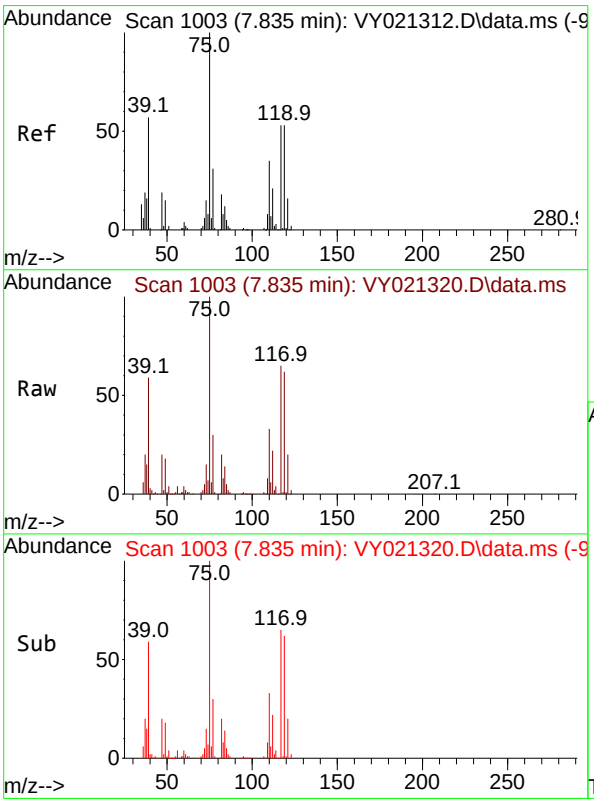
#35
Dibromofluoromethane
Concen: 48.743 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 98654

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.0	121.6
192	19.8	15.8	23.8

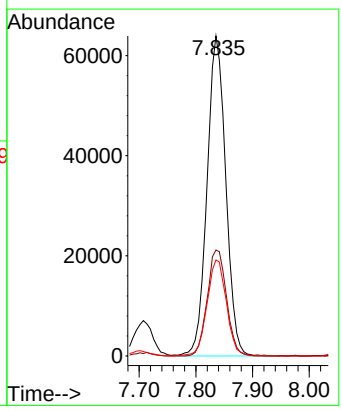


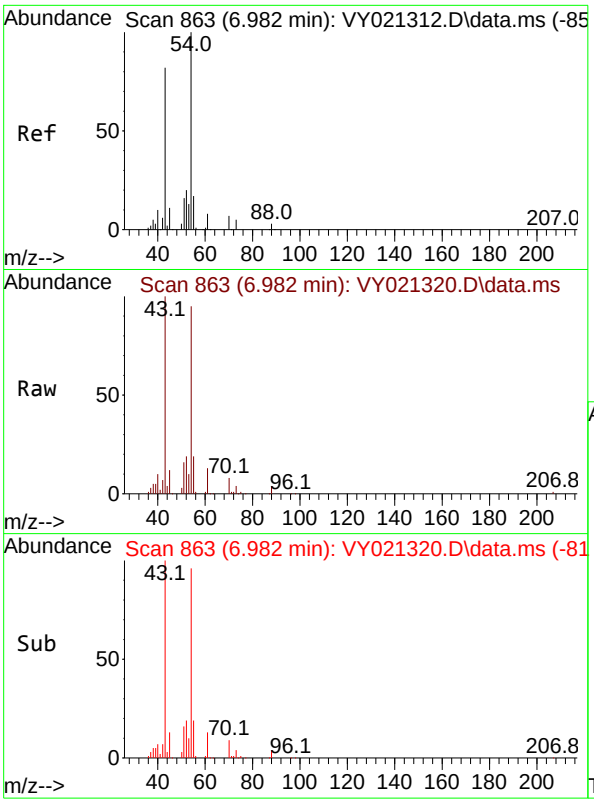


#36
1,1-Dichloropropene
Concen: 48.254 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 75 Resp: 146702

Ion	Ratio	Lower	Upper
75	100		
110	34.1	16.9	50.7
77	30.9	24.6	36.8



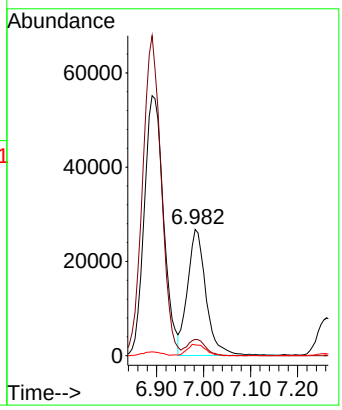


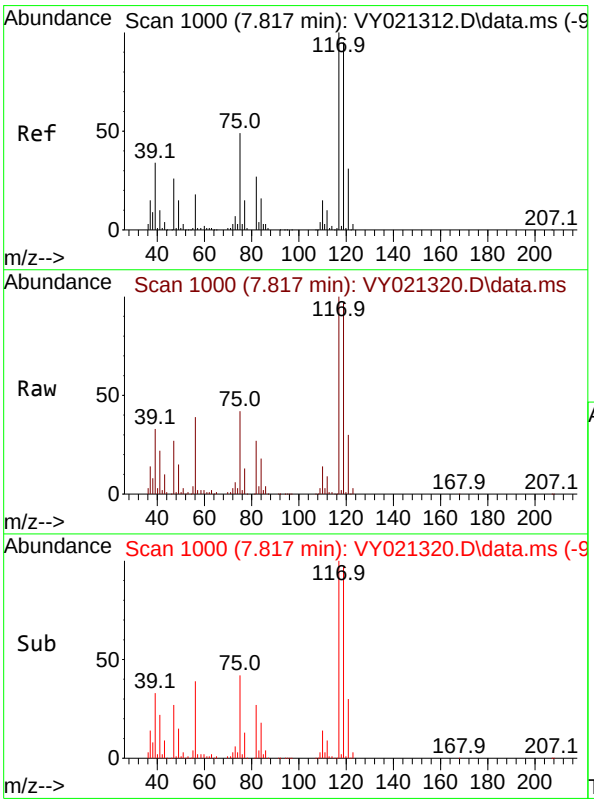
#37
Ethyl Acetate
Concen: 48.080 ug/l
RT: 6.982 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 72710

Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.4	15.6
70	9.2	7.5	11.3

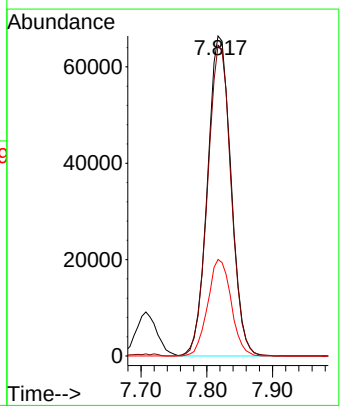


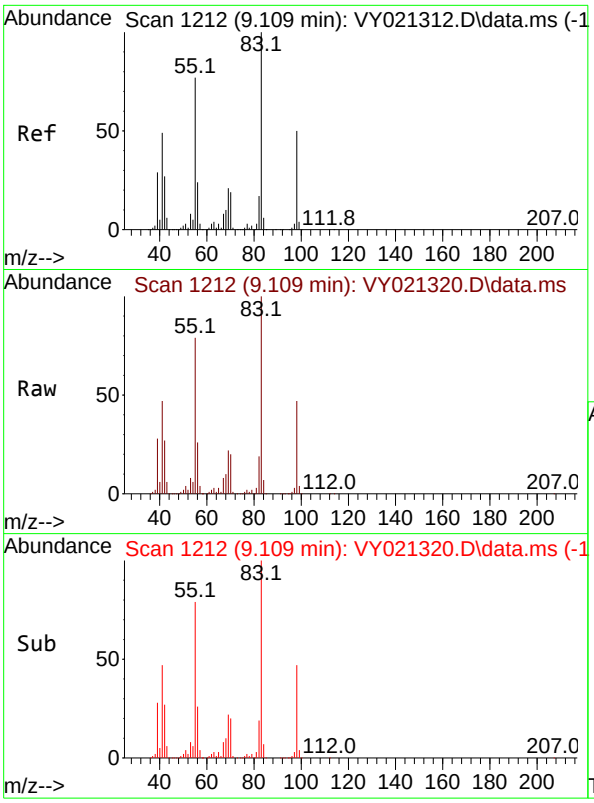


#38
Carbon Tetrachloride
Concen: 48.402 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:117 Resp: 165430

Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.0	114.0
121	30.1	24.9	37.3



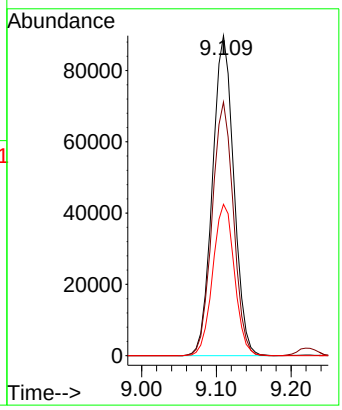


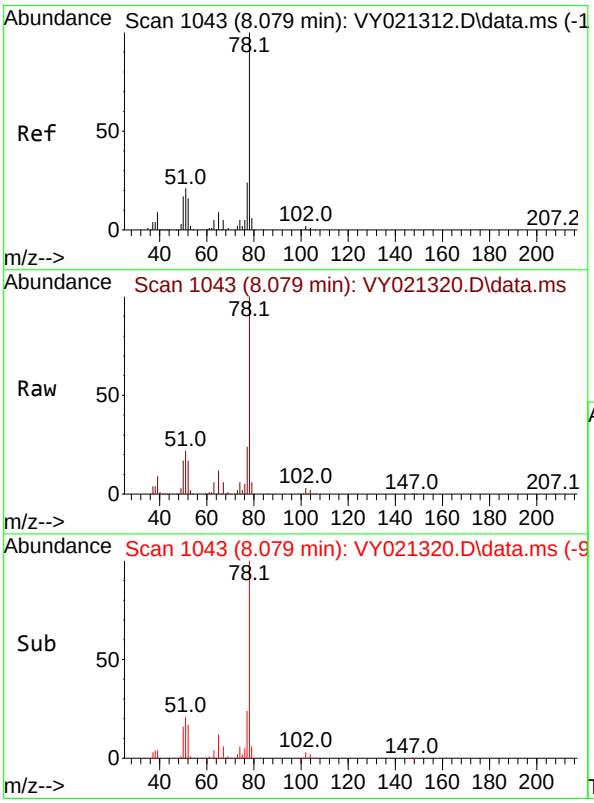
#39
Methylcyclohexane
Concen: 46.422 ug/l
RT: 9.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 178508

Ion	Ratio	Lower	Upper
83	100		
55	79.2	61.3	91.9
98	47.3	39.9	59.9

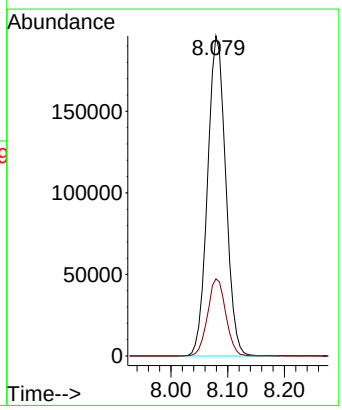


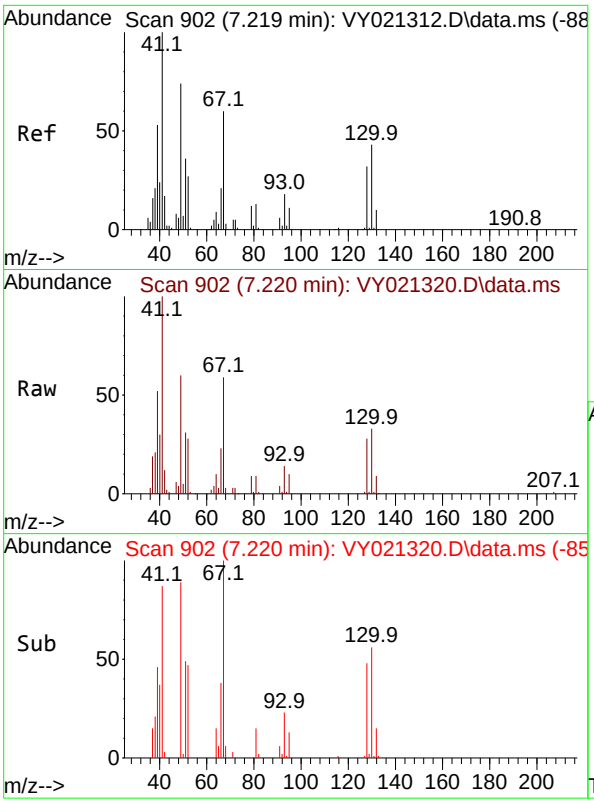


#40
Benzene
Concen: 48.593 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 78 Resp: 436709

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.2	28.8



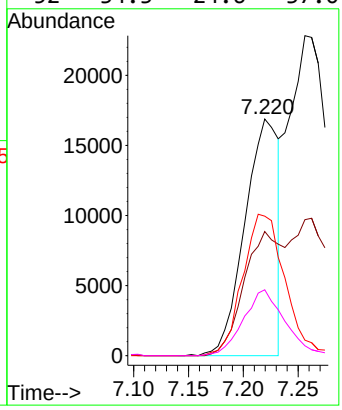


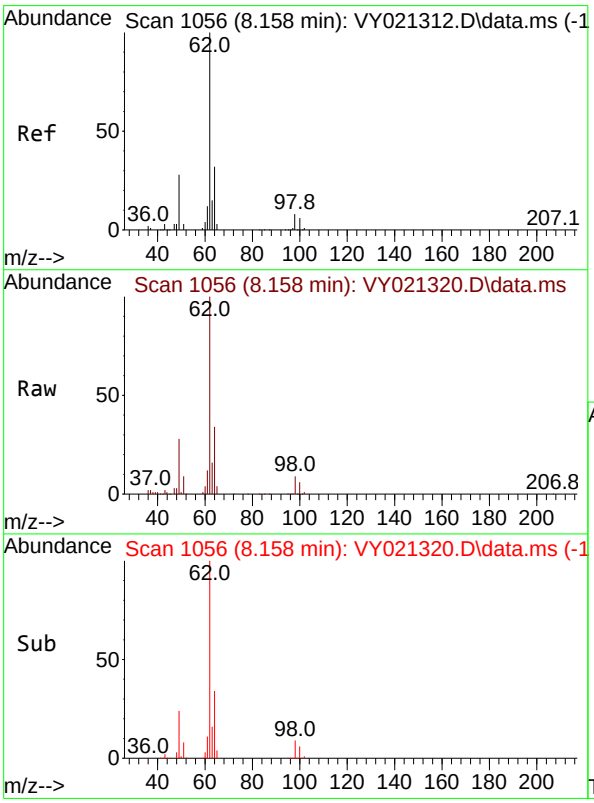
#41
Methacrylonitrile
Concen: 42.766 ug/l
RT: 7.220 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 36160

Ion	Ratio	Lower	Upper
41	100		
39	61.0	42.3	63.5
67	75.4	54.8	82.2
52	34.3	24.6	37.0

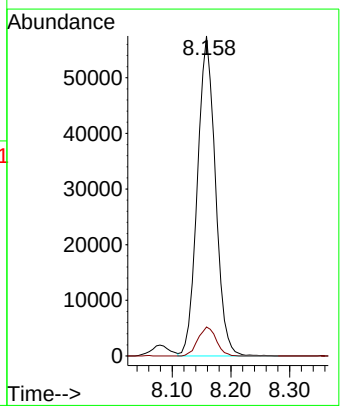


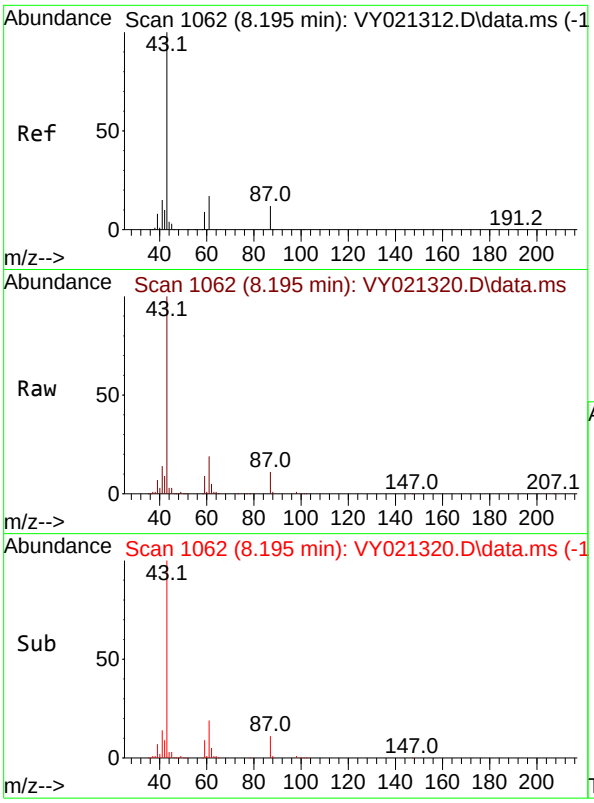


#42
1,2-Dichloroethane
Concen: 47.978 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 62 Resp: 122335

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.6



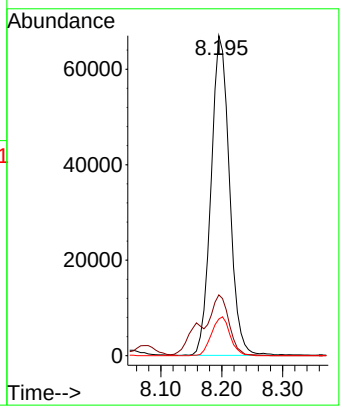


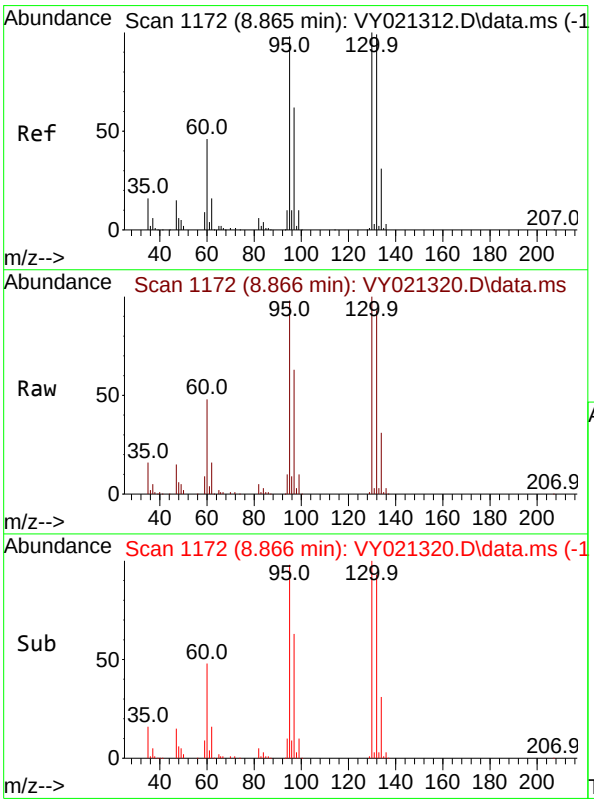
#43
Isopropyl Acetate
Concen: 47.984 ug/l
RT: 8.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 140455

Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.0	22.6
87	12.3	10.0	15.0

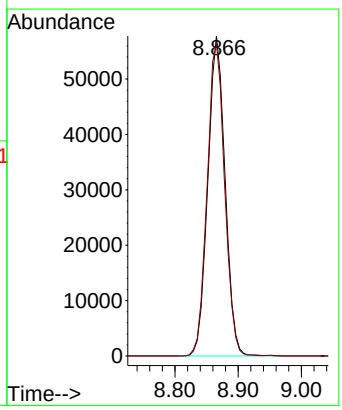


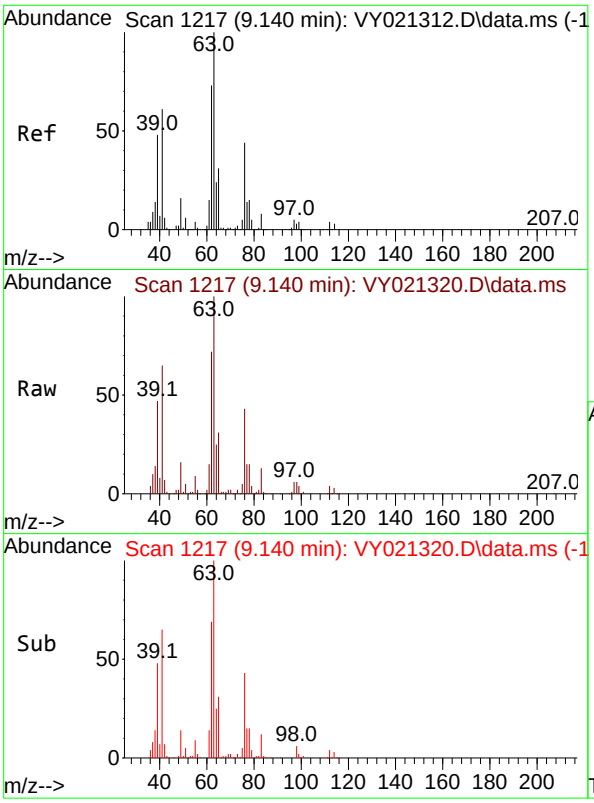


#44
Trichloroethene
Concen: 48.665 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:130 Resp: 109499

Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	196.0



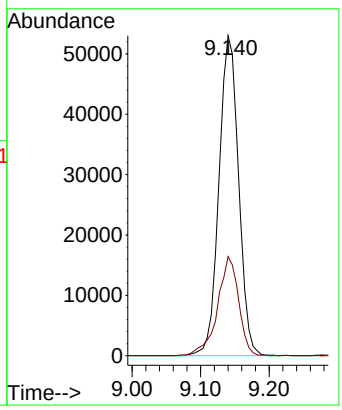


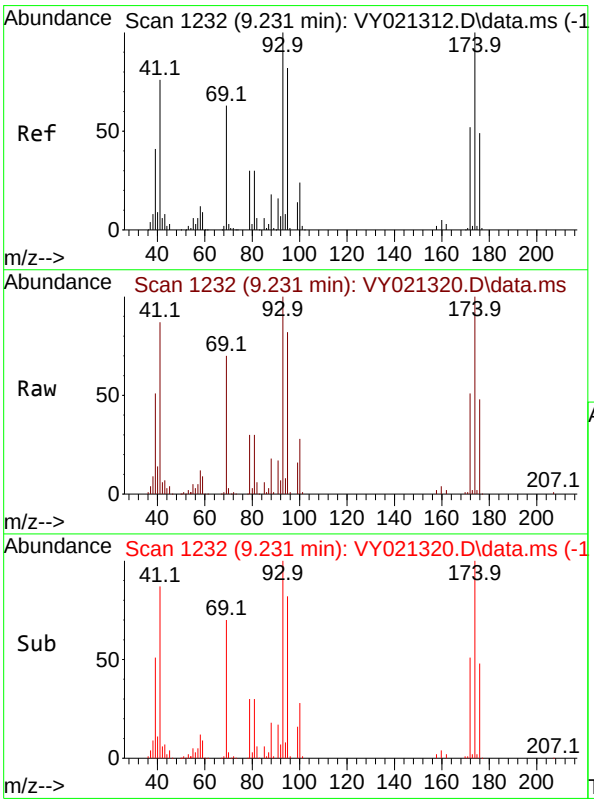
#45
1,2-Dichloropropane
Concen: 48.637 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 105190

Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.6	36.8

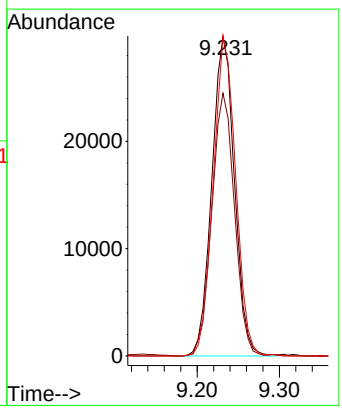


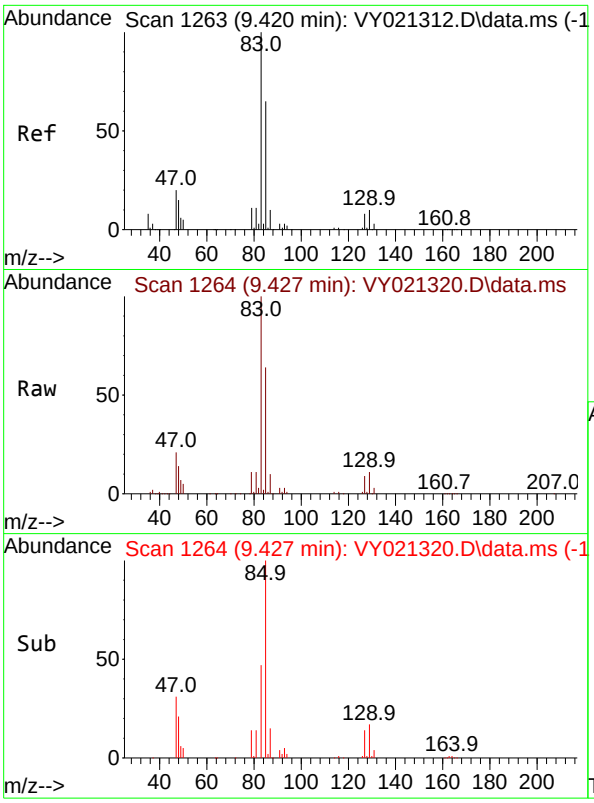


#46
Dibromomethane
Concen: 48.195 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 93 Resp: 56977

Ion	Ratio	Lower	Upper
93	100		
95	82.7	66.4	99.6
174	98.8	78.2	117.2



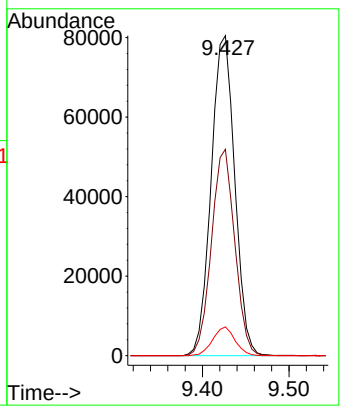


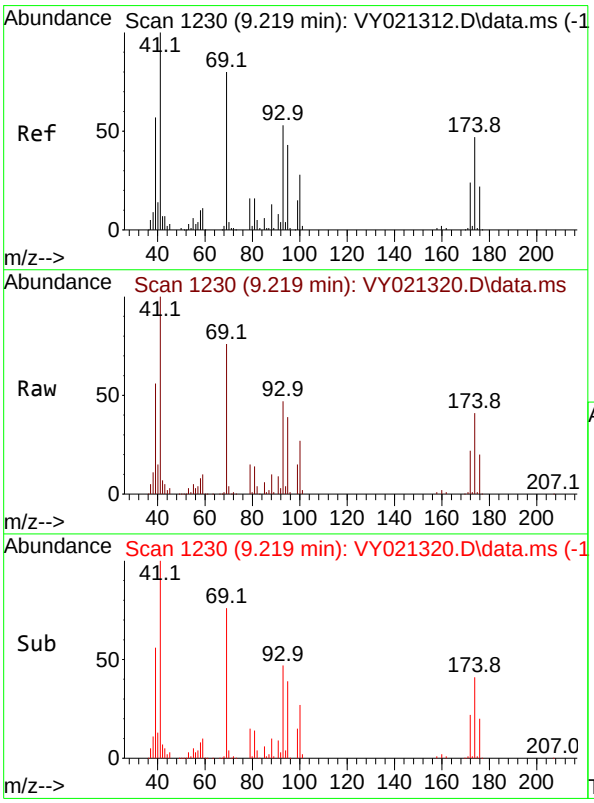
#47
Bromodichloromethane
Concen: 48.352 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 152416

Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.8	77.8
127	9.0	6.7	10.1

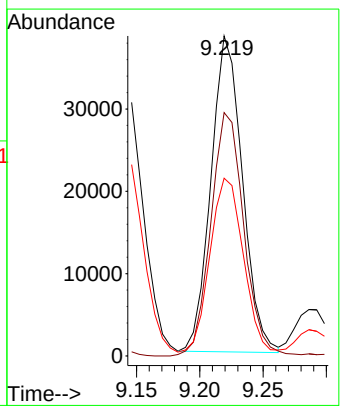


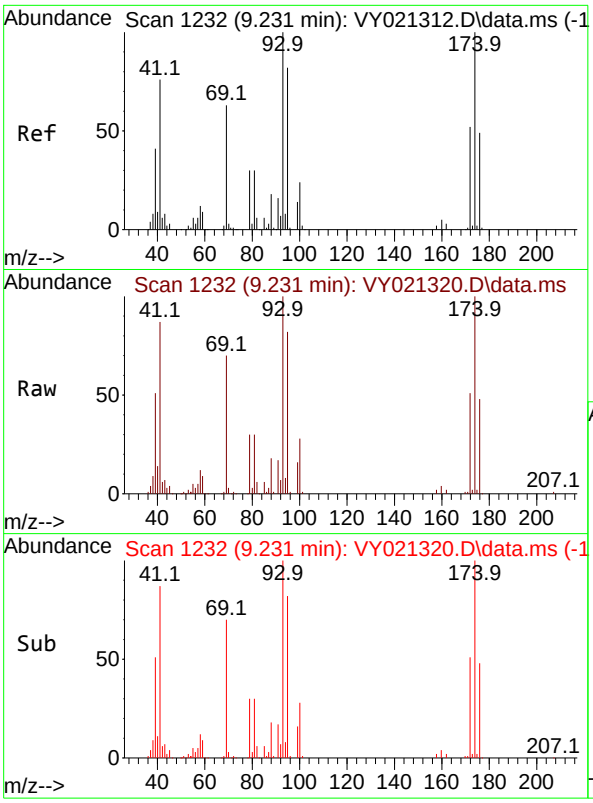


#48
Methyl methacrylate
Concen: 48.481 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 41 Resp: 66362

Ion	Ratio	Lower	Upper
41	100		
69	80.7	63.3	94.9
39	58.6	45.0	67.6



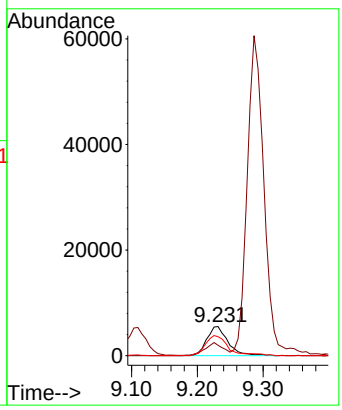


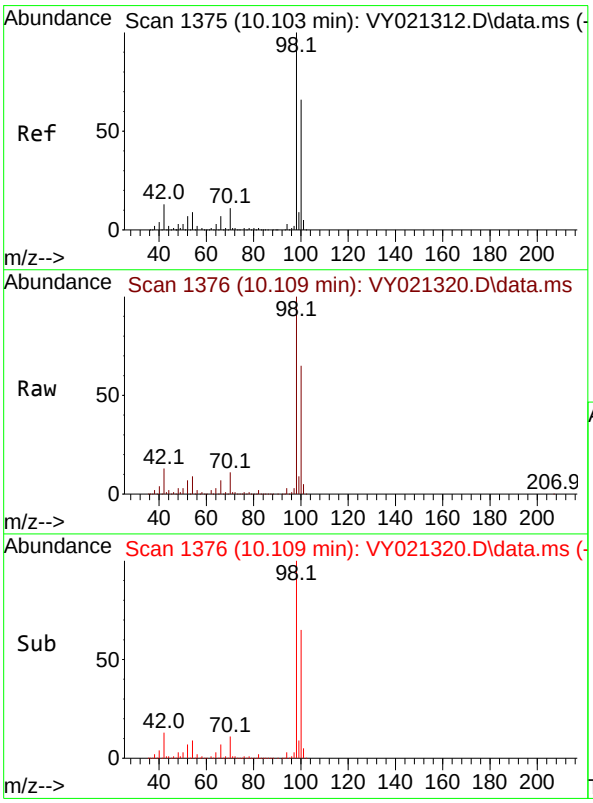
#49
1,4-Dioxane
Concen: 944.605 ug/l
RT: 9.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 12417

Ion	Ratio	Lower	Upper
88	100		
43	35.7	34.8	52.2
58	74.3	59.8	89.6

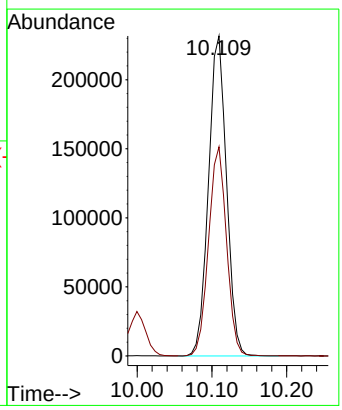


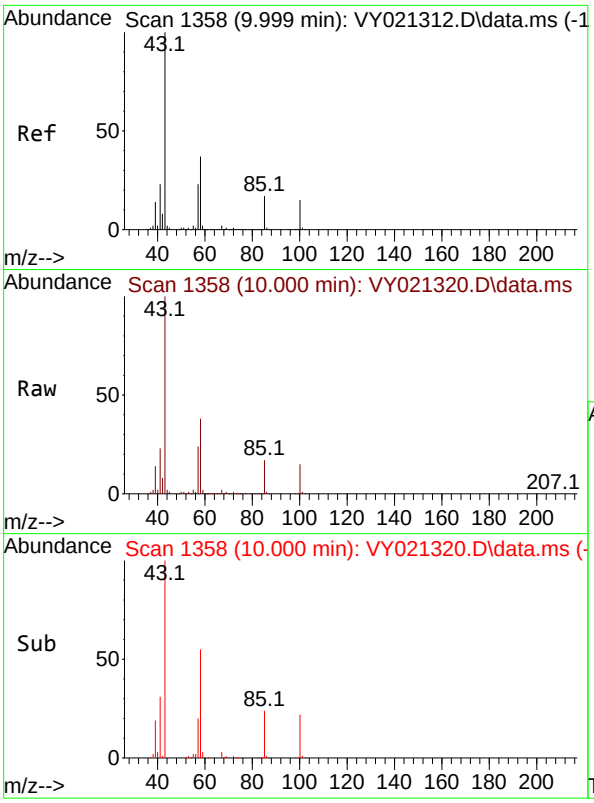


#50
Toluene-d8
Concen: 49.599 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 98 Resp: 387966

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.4	78.6



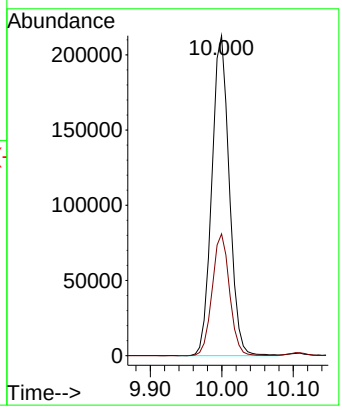


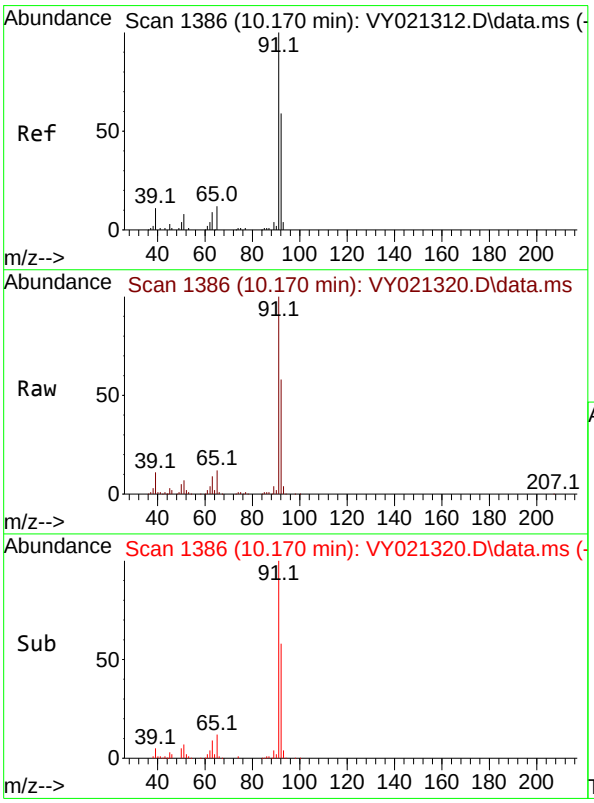
#51
4-Methyl-2-Pentanone
Concen: 240.853 ug/l
RT: 10.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 360891

Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.1	45.1

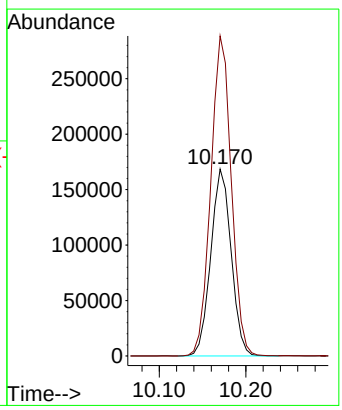


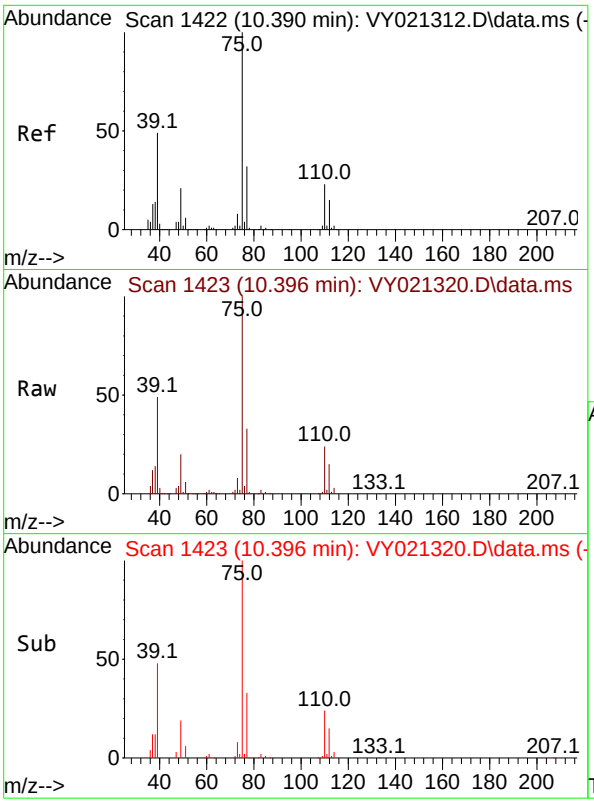


#52
Toluene
Concen: 49.351 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 92 Resp: 275527

Ion	Ratio	Lower	Upper
92	100		
91	172.3	137.8	206.8



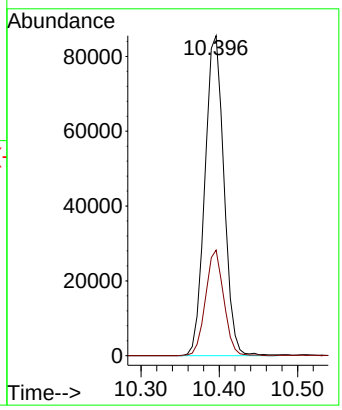


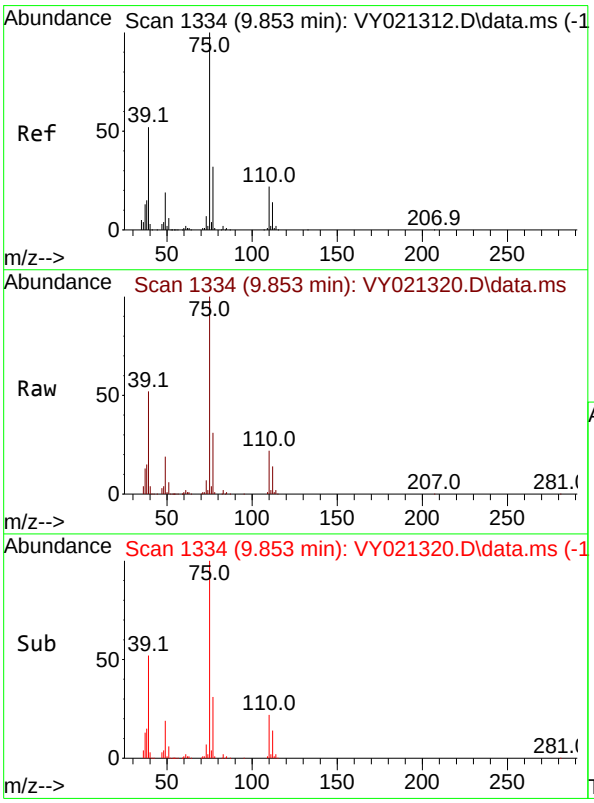
#53
t-1,3-Dichloropropene
Concen: 49.988 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 144366

Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.3	37.9

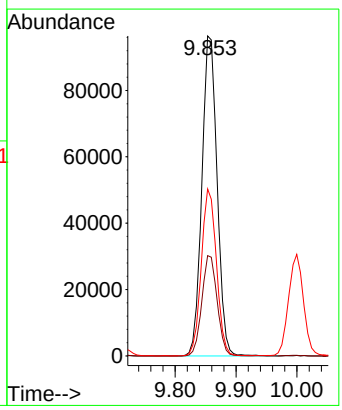


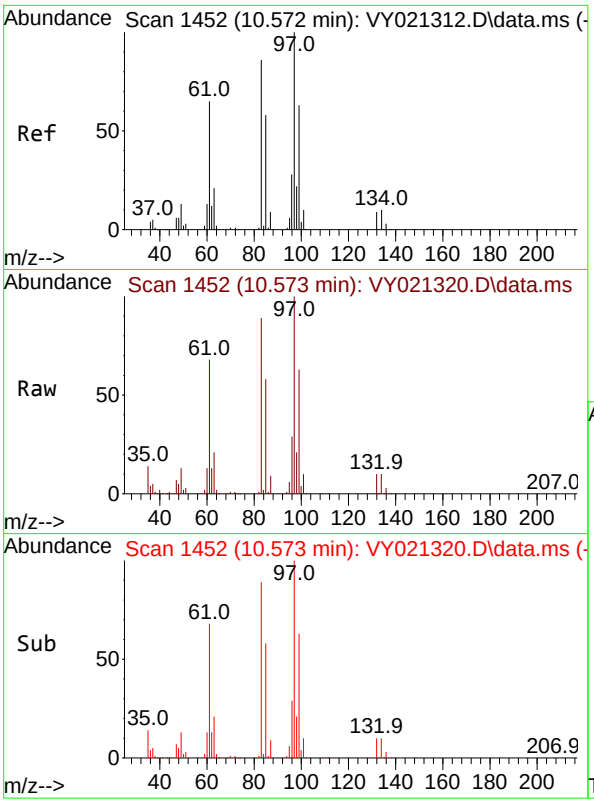


#54
cis-1,3-Dichloropropene
Concen: 49.192 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 75 Resp: 167718

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.7	38.5
39	52.1	41.8	62.6



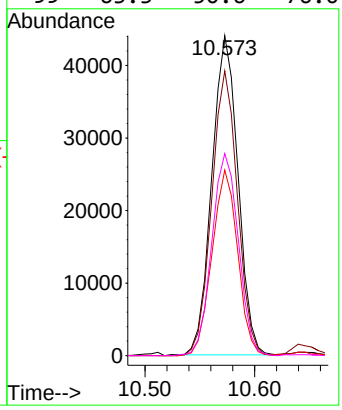


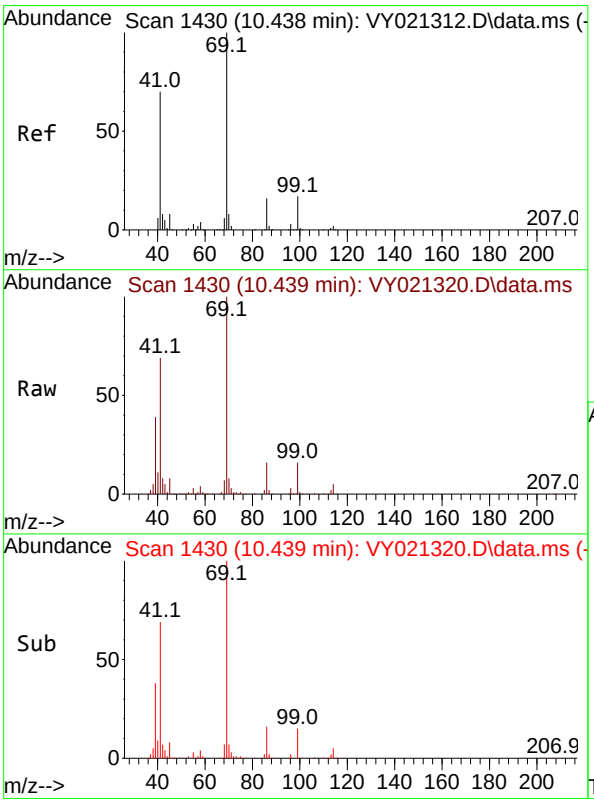
#55
1,1,2-Trichloroethane
Concen: 47.334 ug/l
RT: 10.573 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 72899

Ion	Ratio	Lower	Upper
97	100		
83	89.2	68.7	103.1
85	58.2	46.3	69.5
99	63.3	50.6	76.0

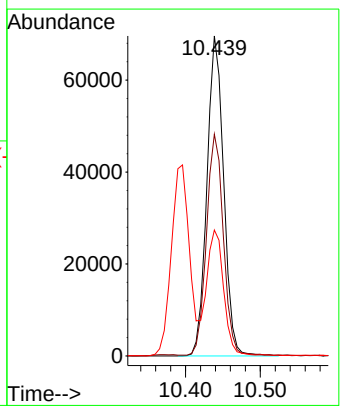


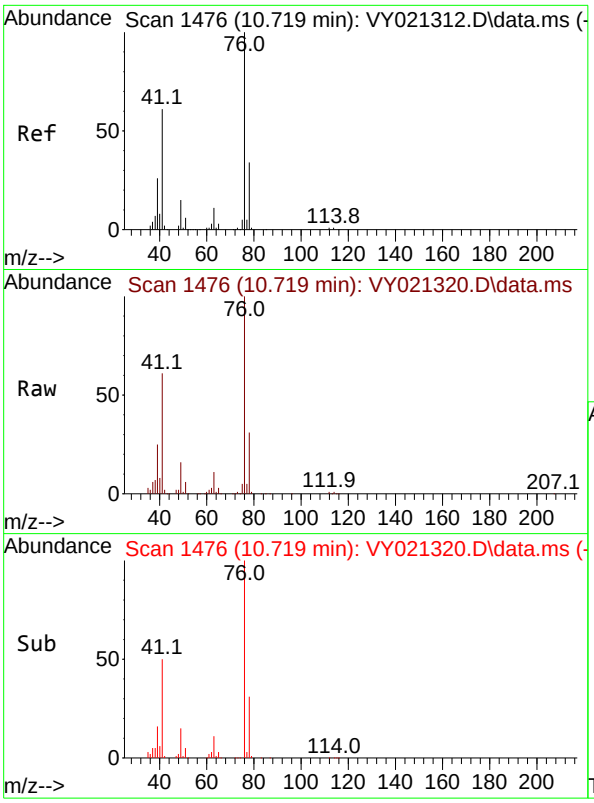


#56
Ethyl methacrylate
Concen: 50.979 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 69 Resp: 108485

Ion	Ratio	Lower	Upper
69	100		
41	70.2	56.2	84.4
39	41.3	32.7	49.1



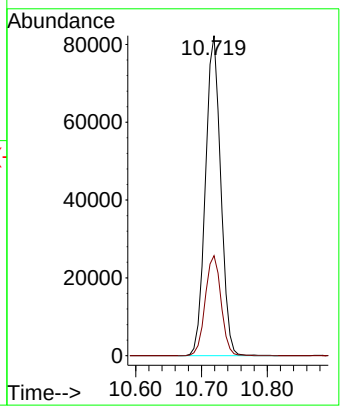


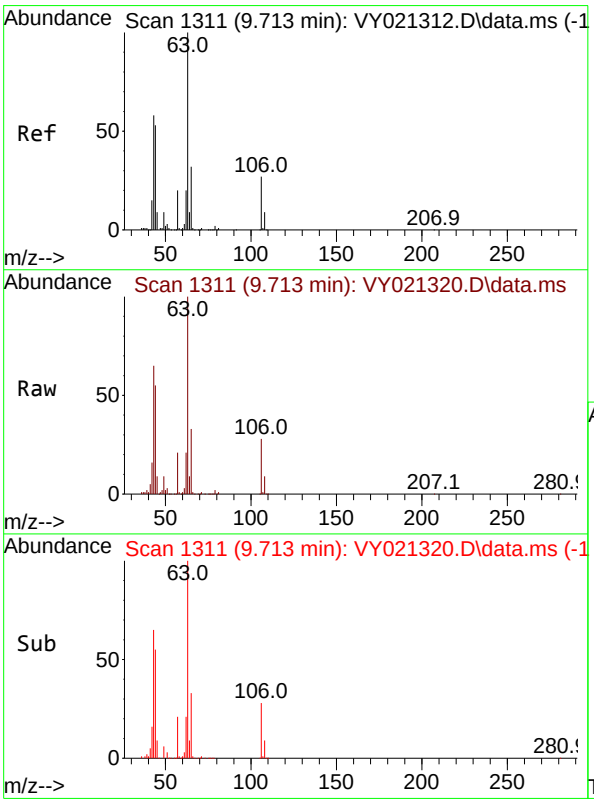
#57
1,3-Dichloropropane
Concen: 49.183 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 132919

Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.9	38.9

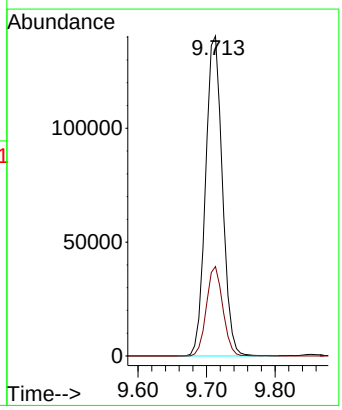


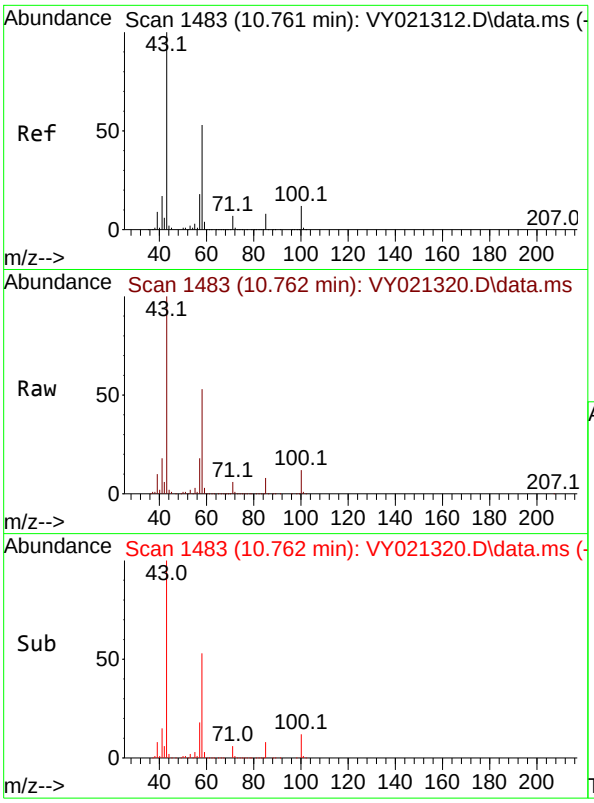


#58
2-Chloroethyl Vinyl ether
Concen: 234.614 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 63 Resp: 239640

Ion	Ratio	Lower	Upper
63	100		
106	27.3	21.7	32.5



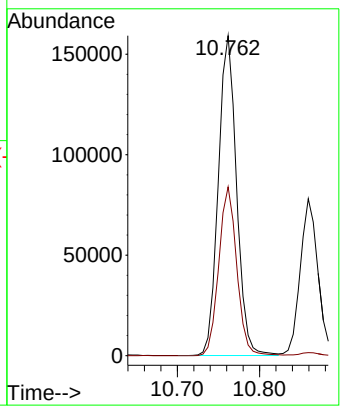


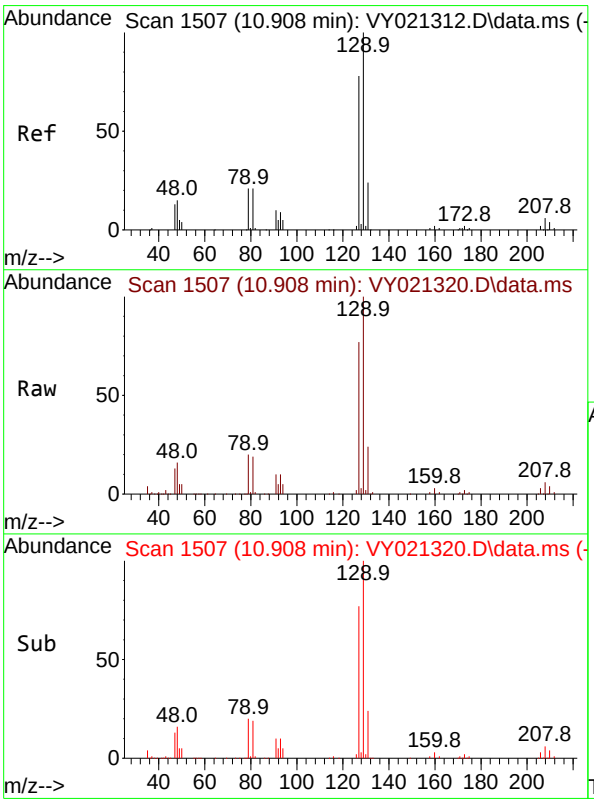
#59
2-Hexanone
Concen: 249.476 ug/l
RT: 10.762 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 245501

Ion	Ratio	Lower	Upper
43	100		
58	52.1	25.9	77.6

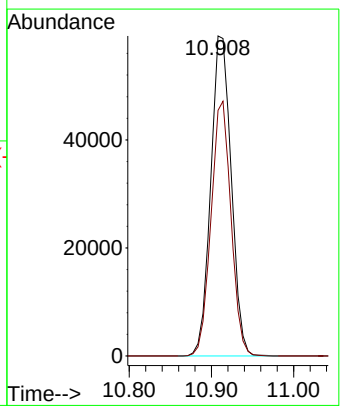


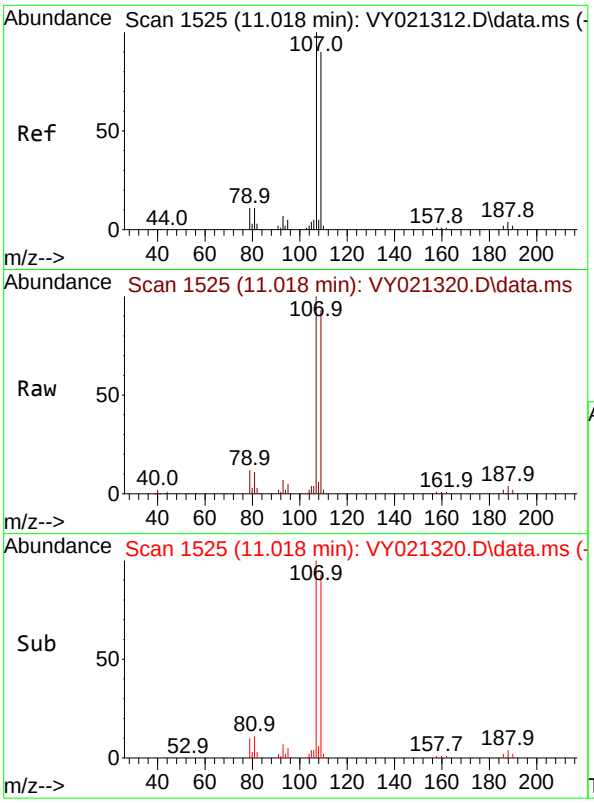


#60
Dibromochloromethane
Concen: 48.867 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:129 Resp: 102499

Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.8	116.4



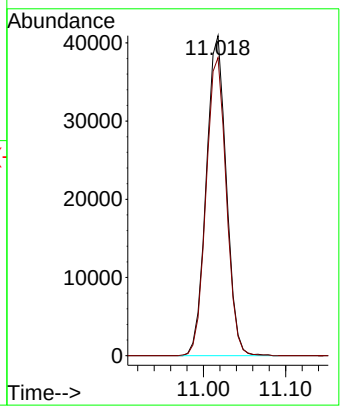


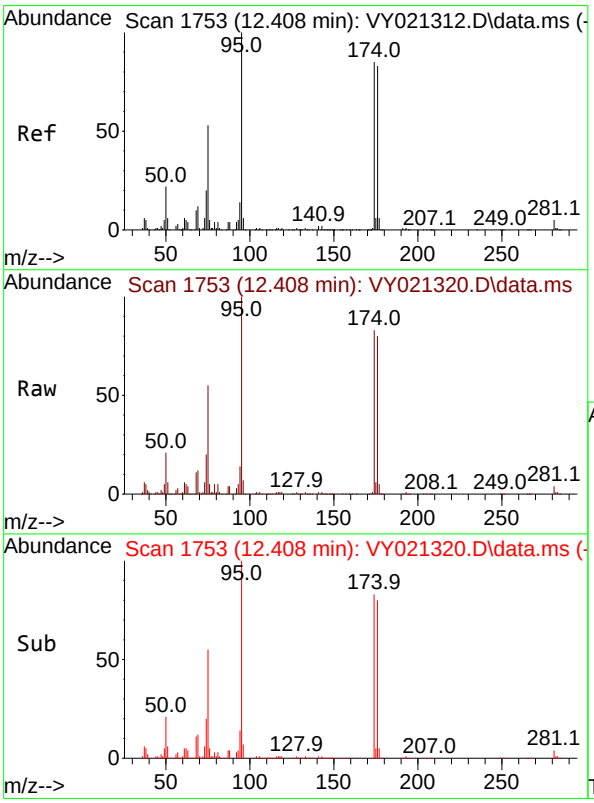
#61
1,2-Dibromoethane
Concen: 47.532 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 69304

Ion	Ratio	Lower	Upper
107	100		
109	94.0	73.8	110.8

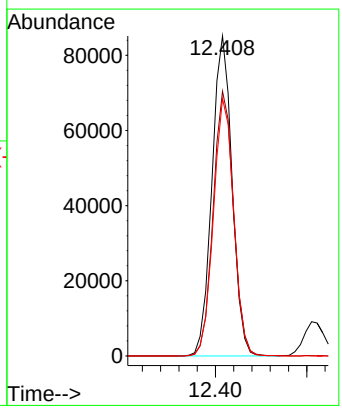


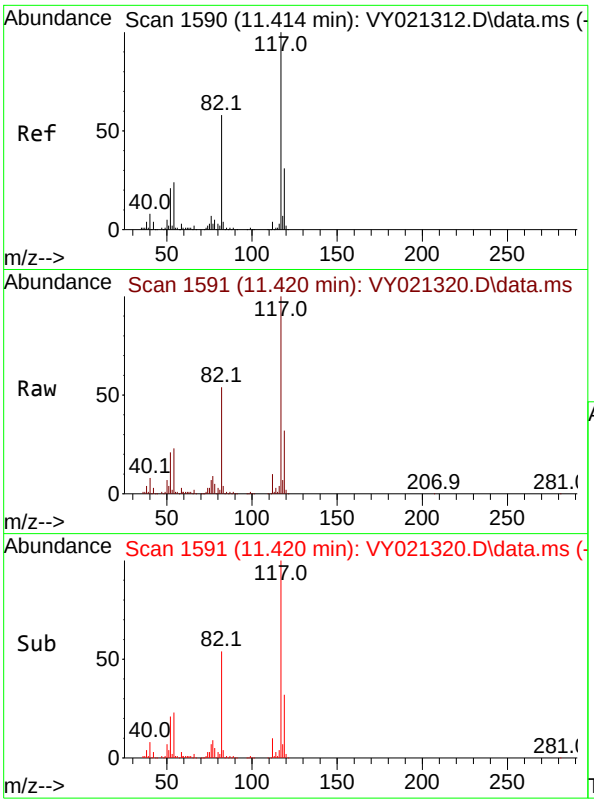


#62
4-Bromofluorobenzene
Concen: 49.290 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 95 Resp: 129754

Ion	Ratio	Lower	Upper
95	100		
174	83.6	0.0	168.0
176	81.2	0.0	162.6



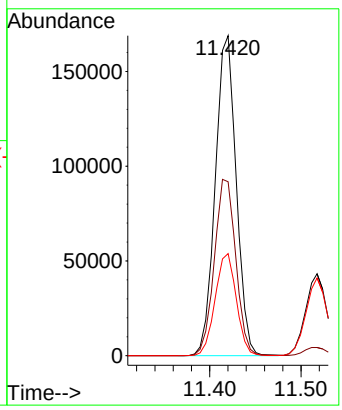


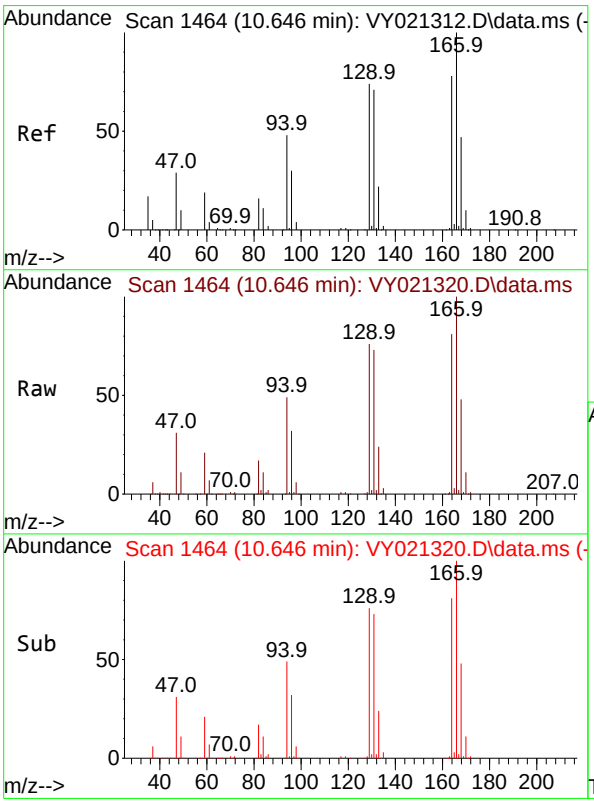
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 268805

Ion	Ratio	Lower	Upper
117	100		
82	54.3	46.2	69.4
119	31.9	24.9	37.3

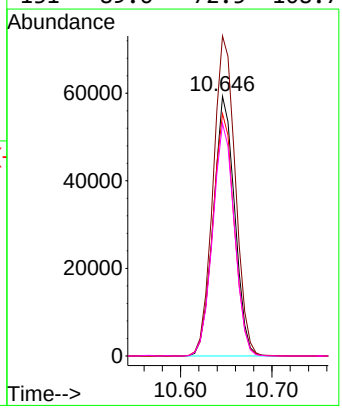


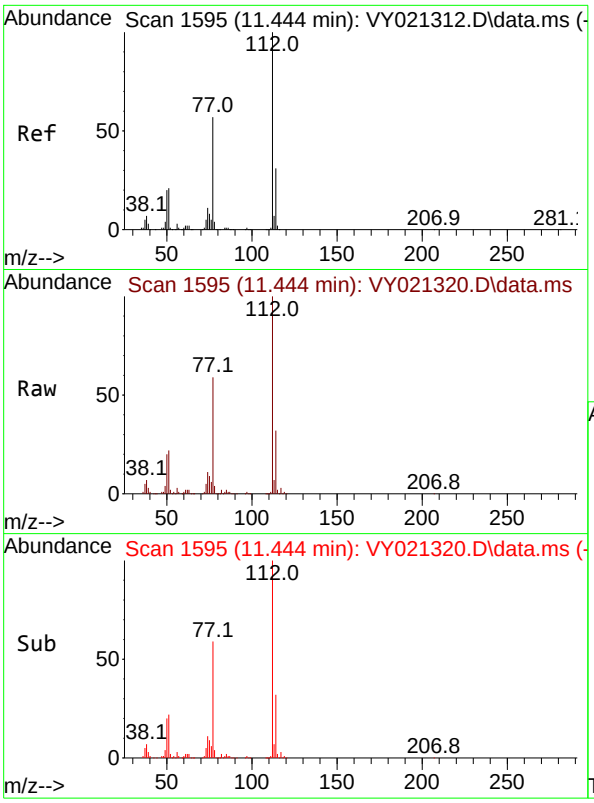


#64
Tetrachloroethene
Concen: 47.455 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:164 Resp: 96416

Ion	Ratio	Lower	Upper
164	100		
166	123.2	101.9	152.9
129	93.3	75.5	113.3
131	89.6	72.5	108.7



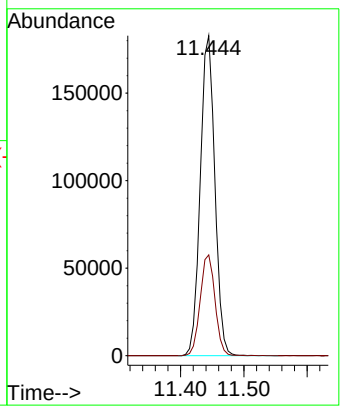


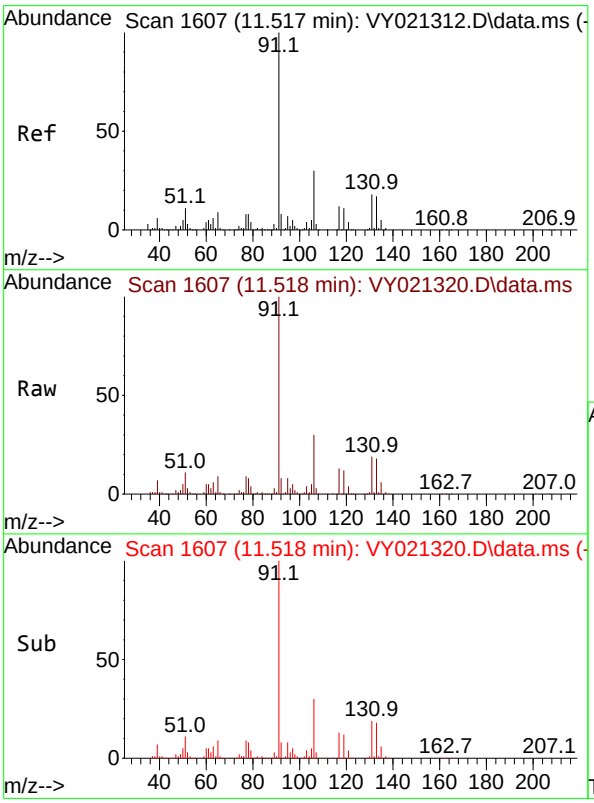
#65
Chlorobenzene
Concen: 48.625 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 293397

Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.0	37.6

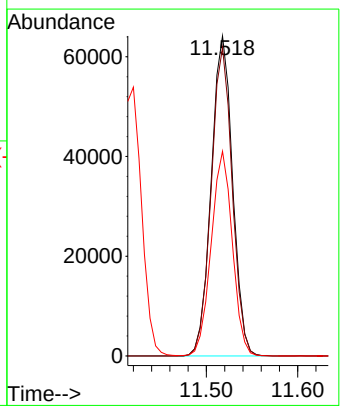


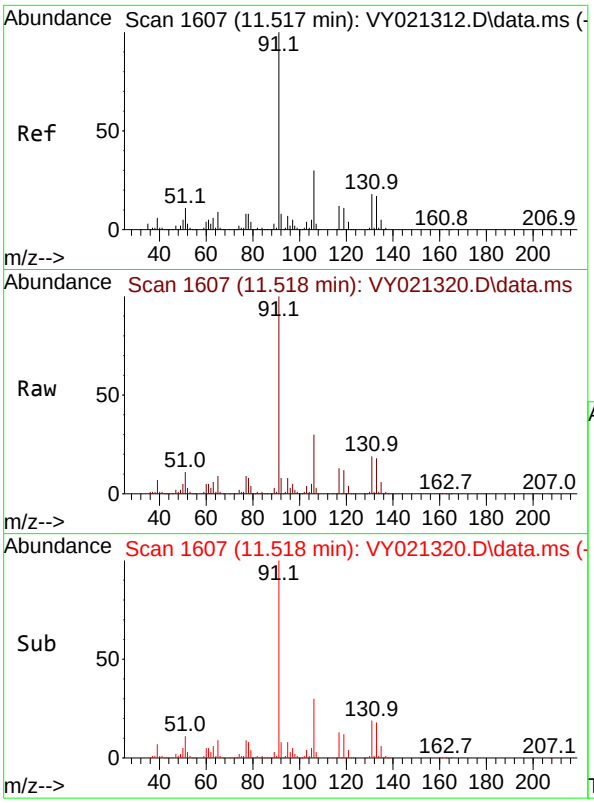


#66
1,1,1,2-Tetrachloroethane
Concen: 49.295 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:131 Resp: 104152

Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.9	143.6
119	63.4	31.7	95.1



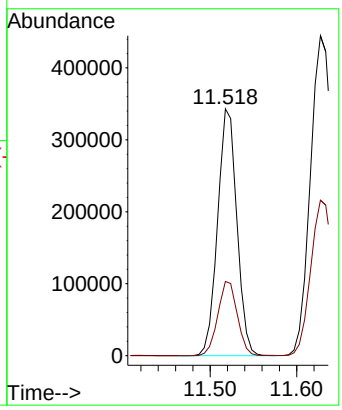


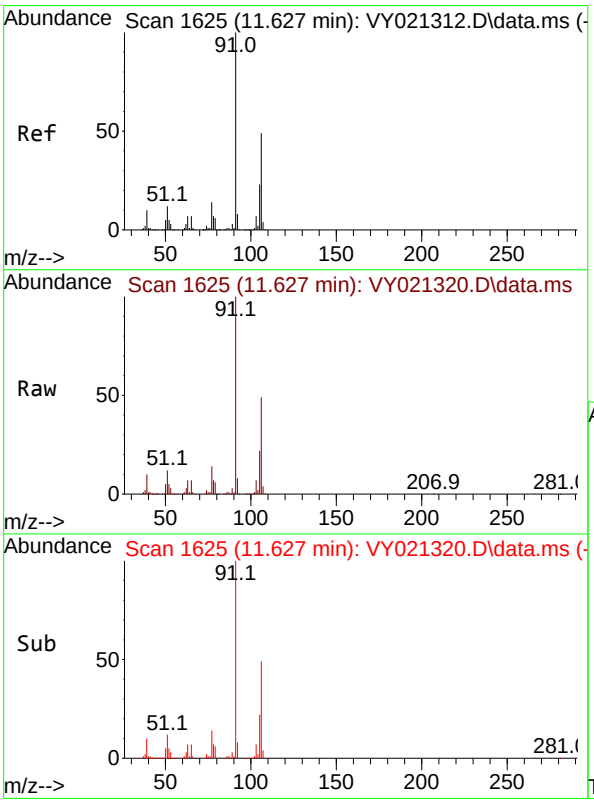
#67
Ethyl Benzene
Concen: 49.609 ug/l
RT: 11.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 530215

Ion	Ratio	Lower	Upper
91	100		
106	30.1	24.4	36.6

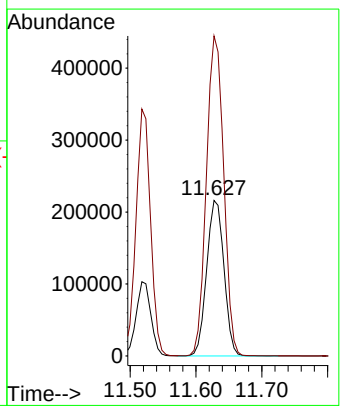


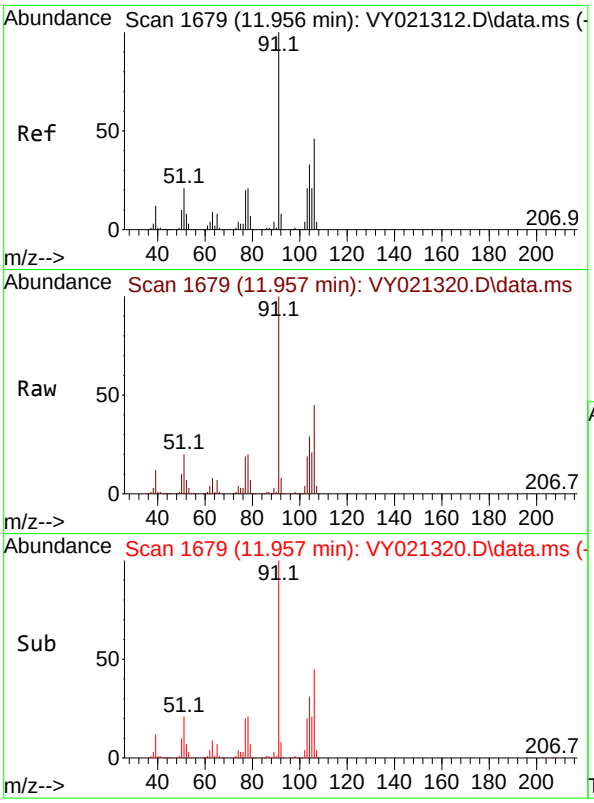


#68
m/p-Xylenes
Concen: 98.298 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:106 Resp: 395166

Ion	Ratio	Lower	Upper
106	100		
91	206.2	163.9	245.9



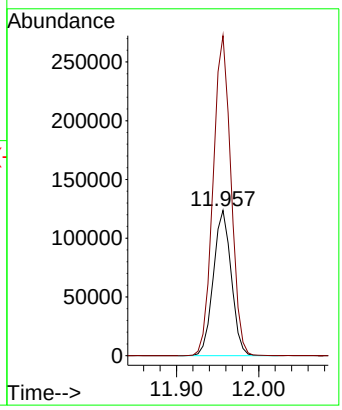


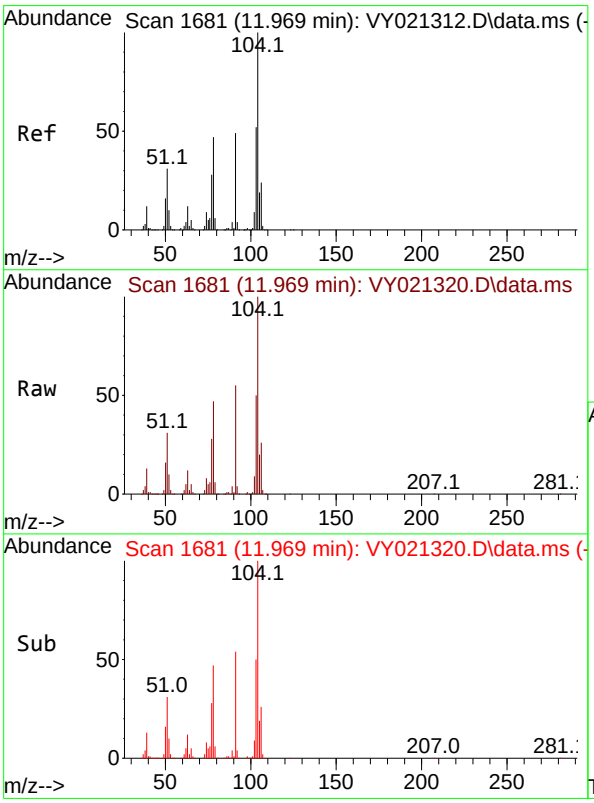
#69
o-Xylene
Concen: 49.676 ug/l
RT: 11.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 187084

Ion	Ratio	Lower	Upper
106	100		
91	219.4	108.1	324.2

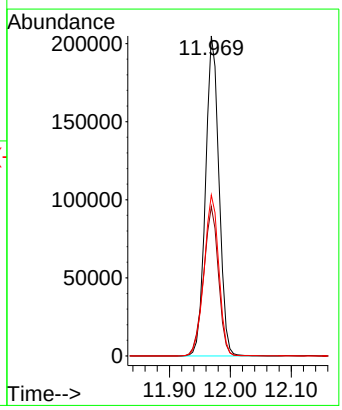


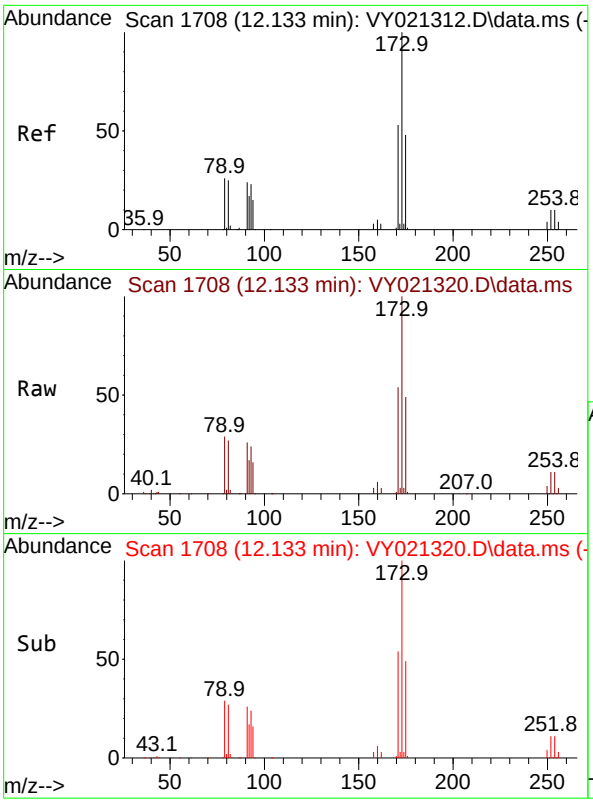


#70
Styrene
Concen: 50.431 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:104 Resp: 316002

Ion	Ratio	Lower	Upper
104	100		
78	51.3	41.3	61.9
103	54.9	43.9	65.9



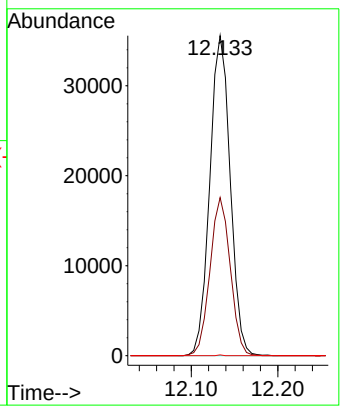


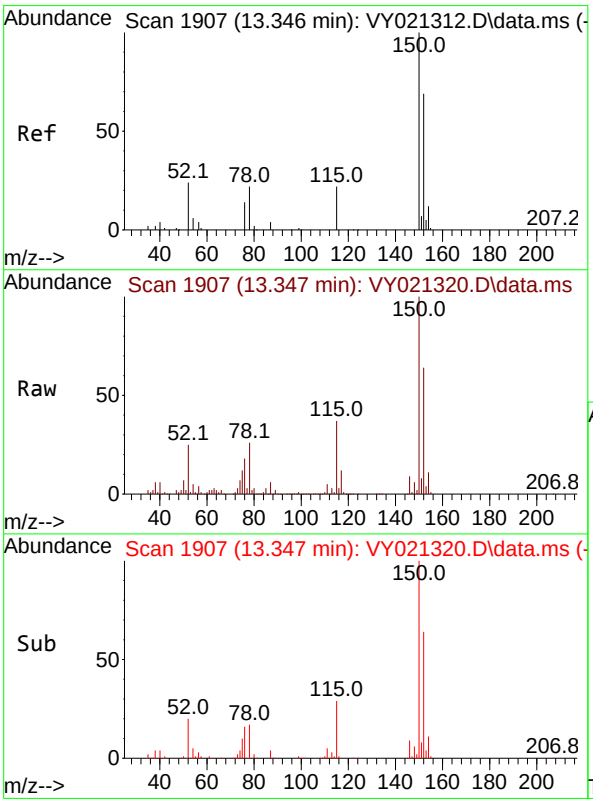
#71
Bromoform
Concen: 48.247 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 58316

Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.1	72.3
254	0.1	0.1	0.1#

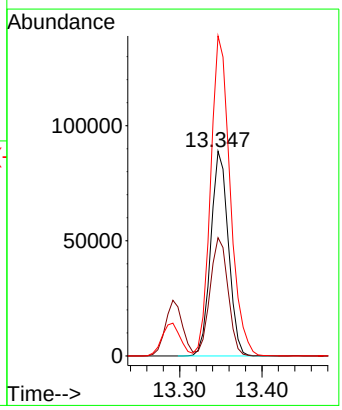


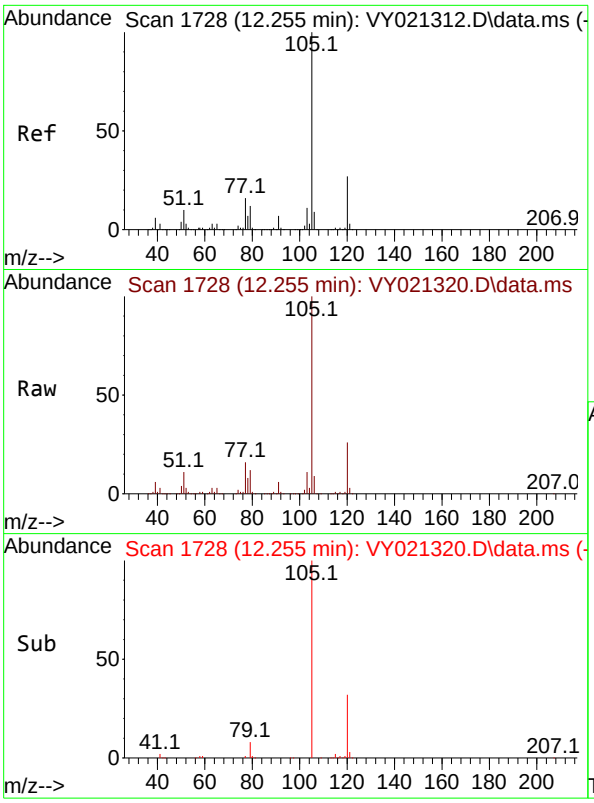


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:152 Resp: 131935

Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.3	88.0
150	173.7	0.0	347.4



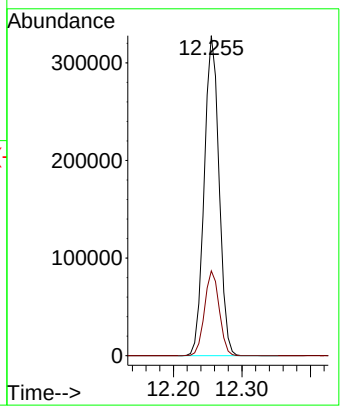


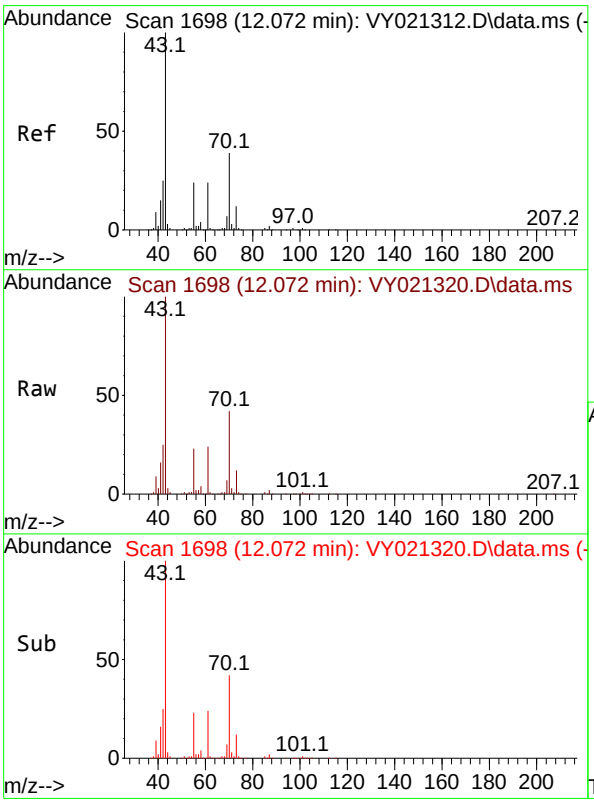
#73
Isopropylbenzene
Concen: 49.774 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 493694

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.3	39.8

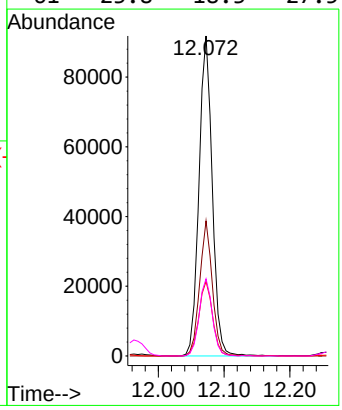


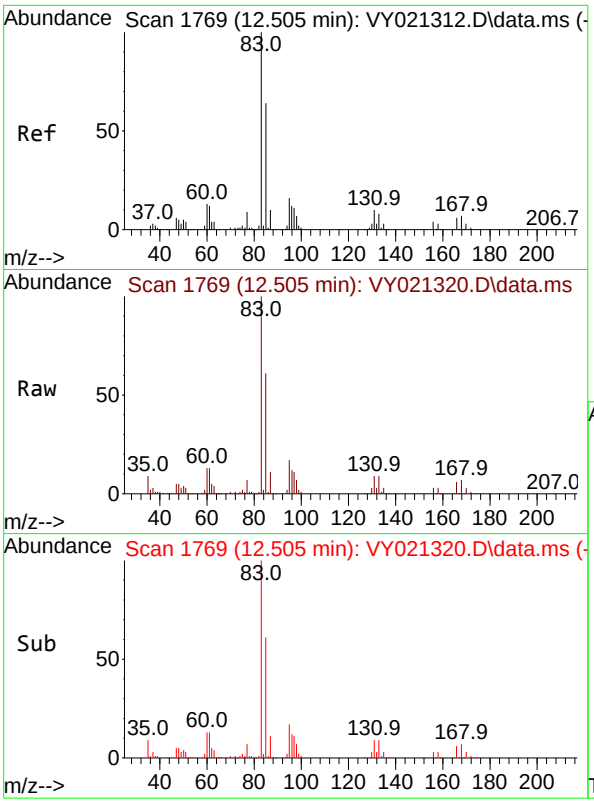


#74
N-amyl acetate
Concen: 51.162 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 43 Resp: 128988

Ion	Ratio	Lower	Upper
43	100		
70	40.4	32.2	48.2
55	24.1	19.6	29.4
61	23.8	18.3	27.5



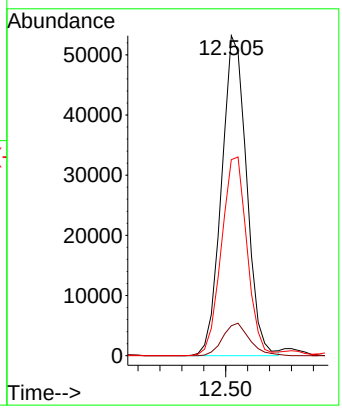


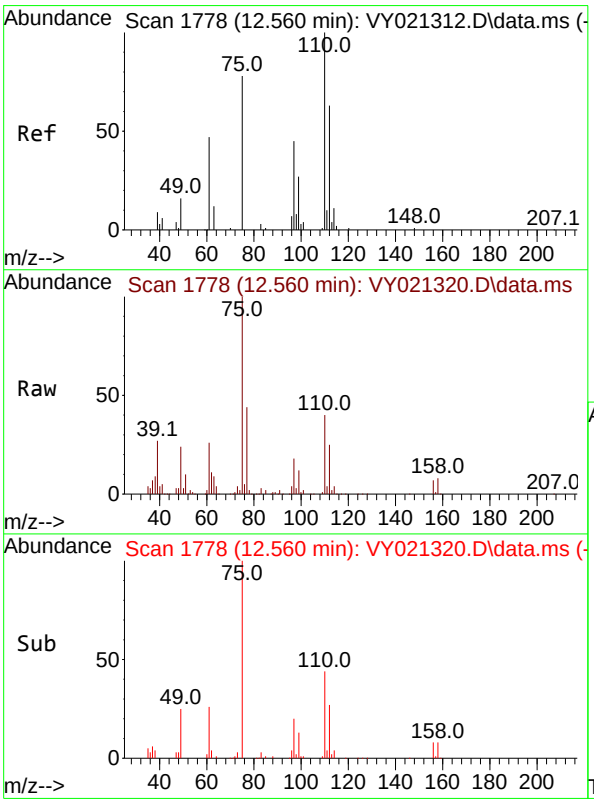
#75
1,1,2,2-Tetrachloroethane
Concen: 48.150 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 84288

Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.2	15.6
85	63.7	32.0	96.0

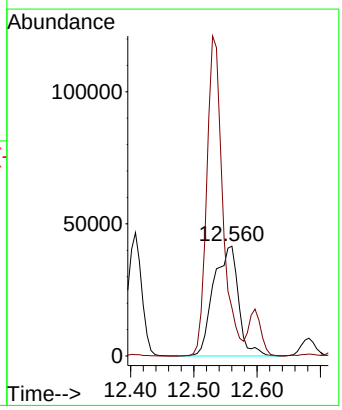


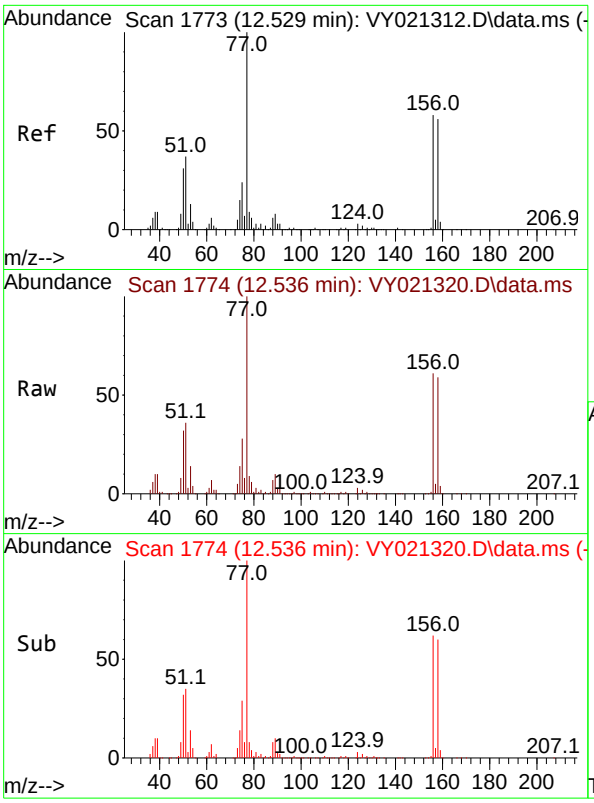


#76
1,2,3-Trichloropropane
Concen: 85.685 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 75 Resp: 113156

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



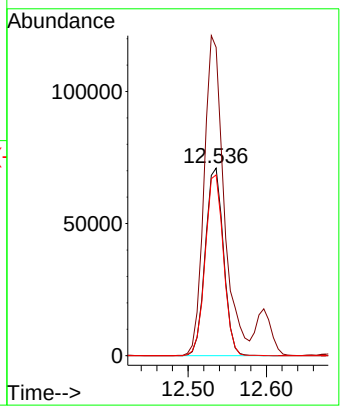


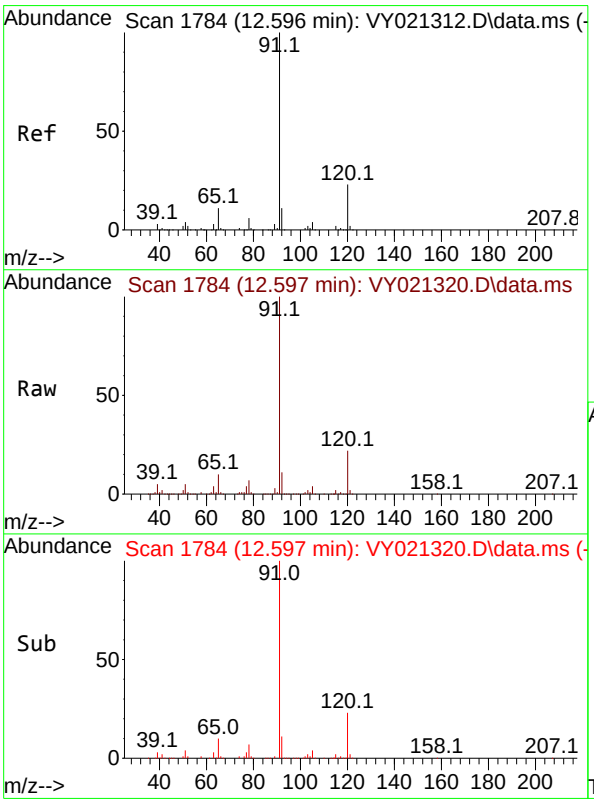
#77
Bromobenzene
Concen: 49.529 ug/l
RT: 12.536 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 114266

Ion	Ratio	Lower	Upper
156	100		
77	187.3	94.0	282.1
158	96.8	48.7	146.1

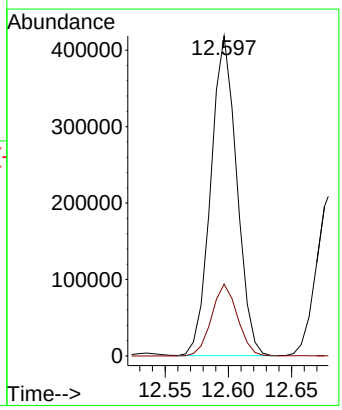


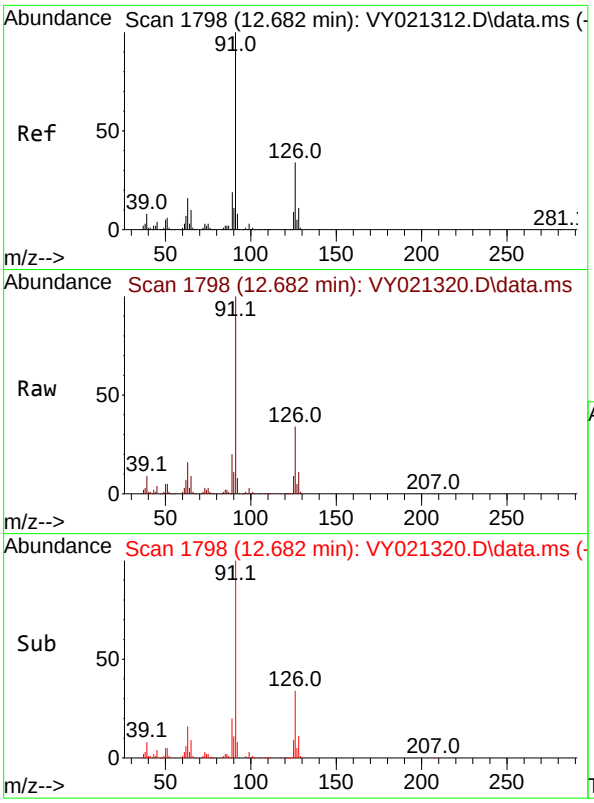


#78
n-propylbenzene
Concen: 49.510 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 91 Resp: 595911

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.2	33.5



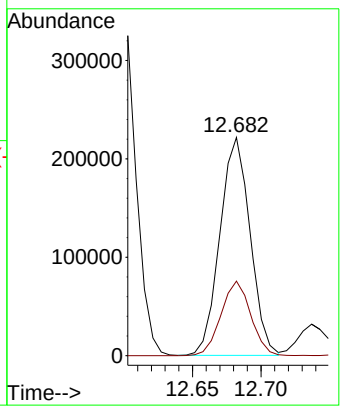


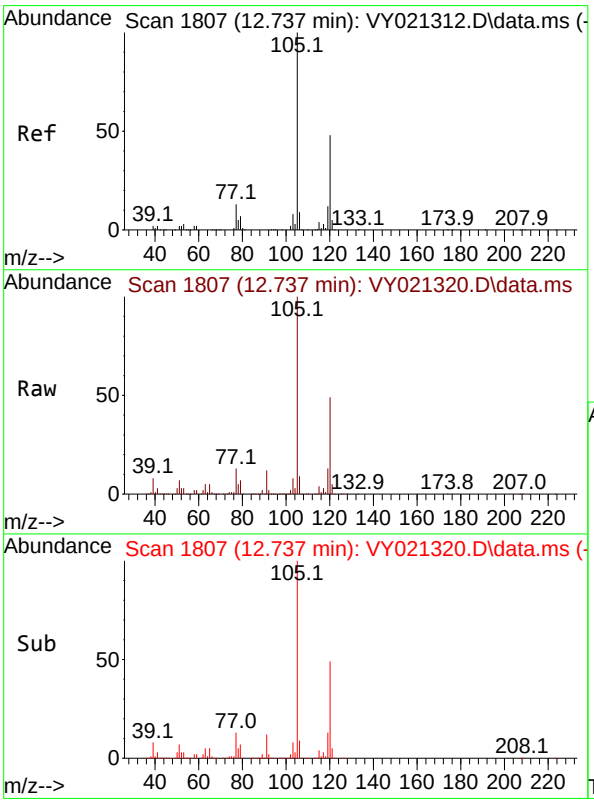
#79
2-Chlorotoluene
Concen: 49.181 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 339722

Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.9	50.6

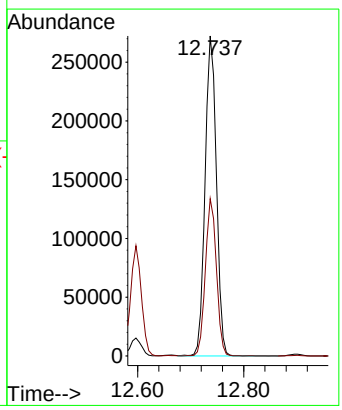


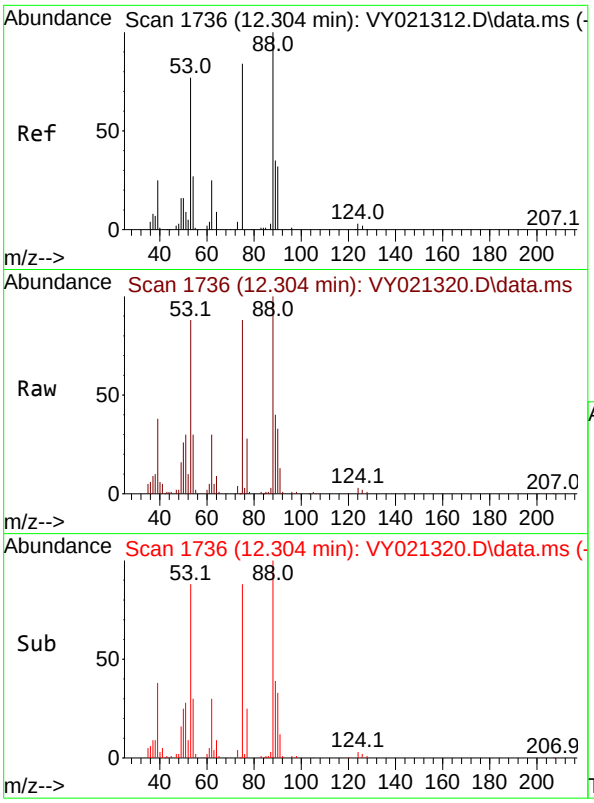


#80
1,3,5-Trimethylbenzene
Concen: 49.604 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:105 Resp: 403527

Ion	Ratio	Lower	Upper
105	100		
120	47.8	24.3	73.0



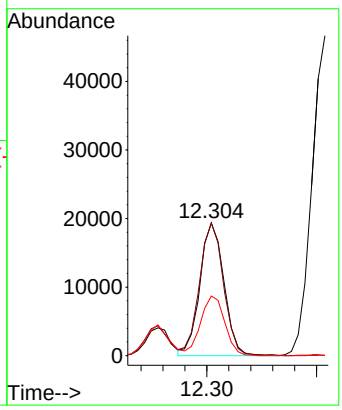


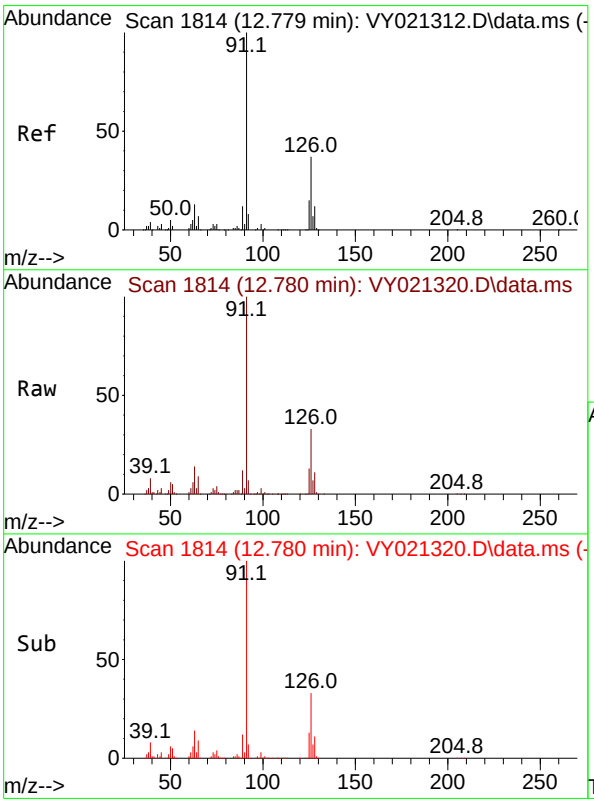
#81
trans-1,4-Dichloro-2-butene
Concen: 49.724 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 29544

Ion	Ratio	Lower	Upper
75	100		
53	100.2	79.1	118.7
89	44.9	35.6	53.4

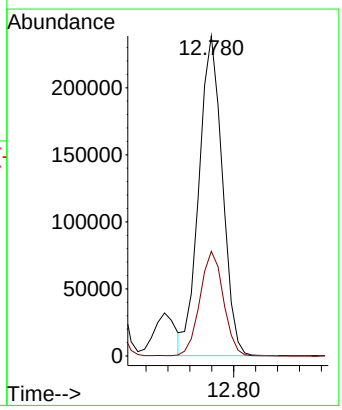


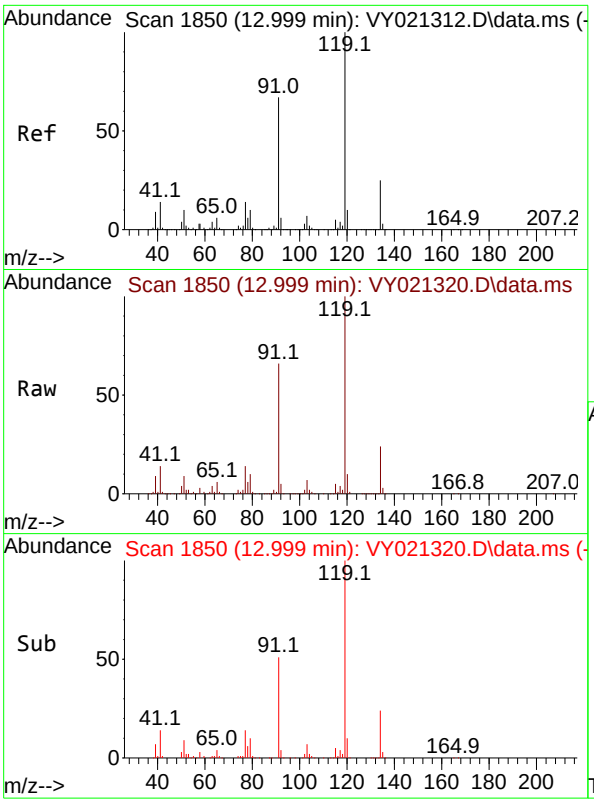


#82
4-Chlorotoluene
Concen: 49.408 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 91 Resp: 353786

Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.8	50.4



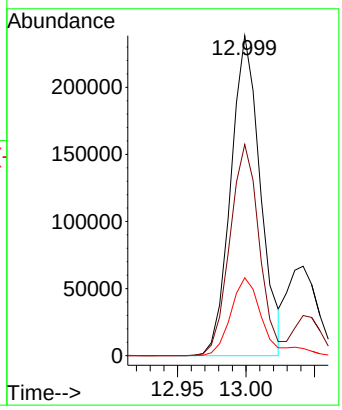


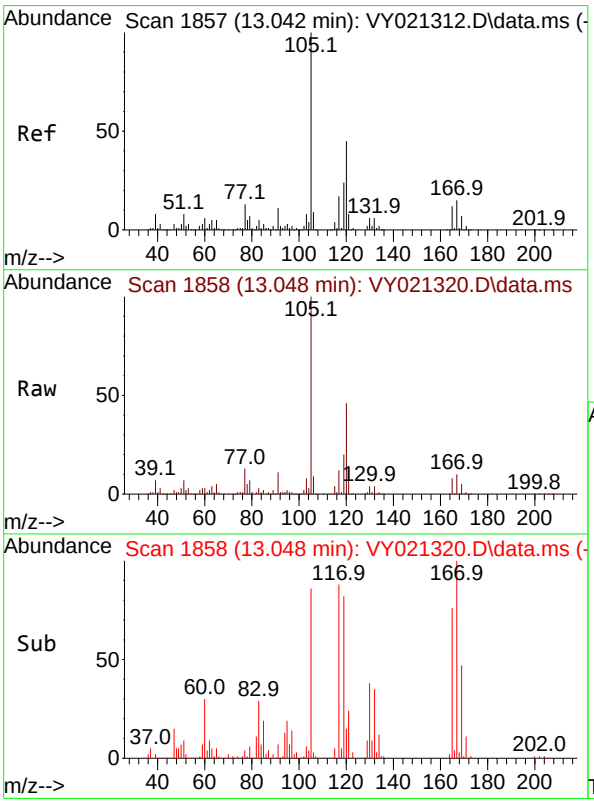
#83
tert-Butylbenzene
Concen: 48.765 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 358344

Ion	Ratio	Lower	Upper
119	100		
91	65.1	32.7	98.1
134	26.5	13.3	39.9

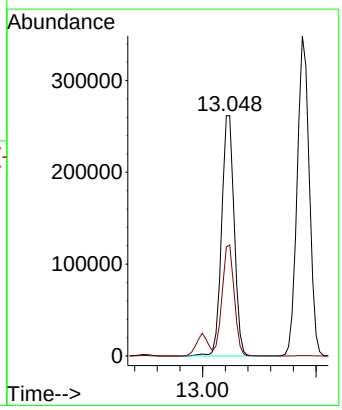


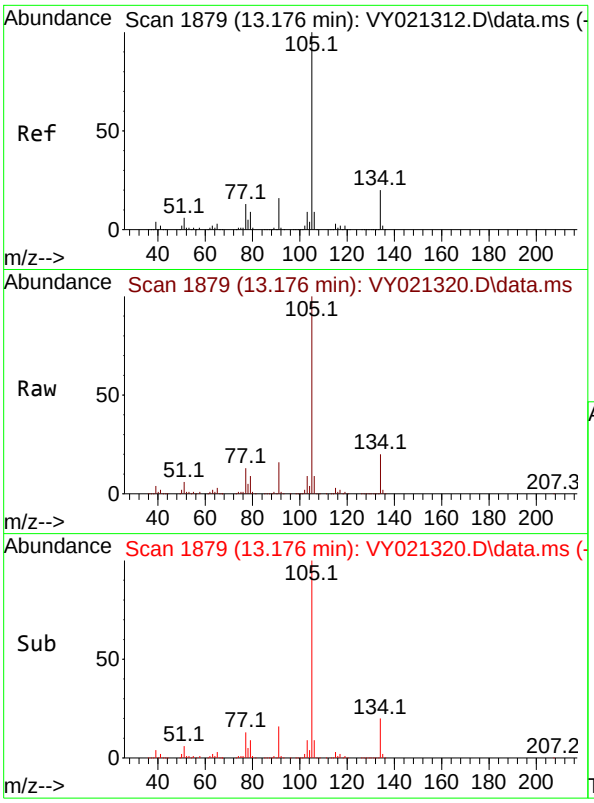


#84
1,2,4-Trimethylbenzene
Concen: 49.846 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:105 Resp: 403288

Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.4	67.3



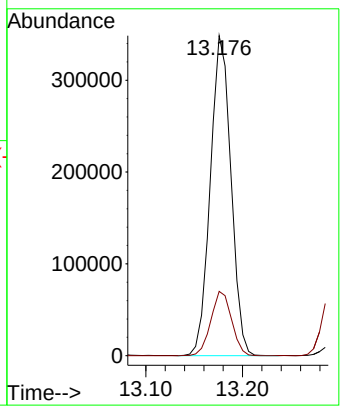


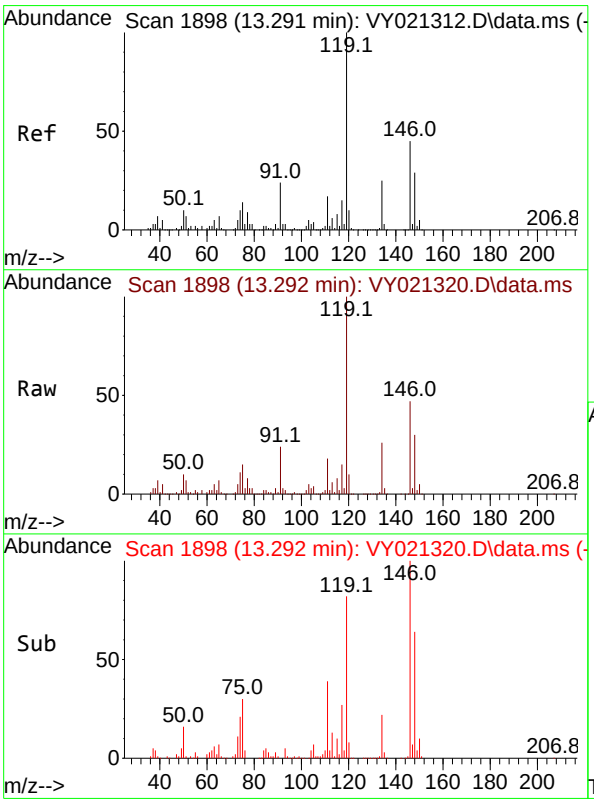
#85
sec-Butylbenzene
Concen: 48.069 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 515970

Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.0	30.0

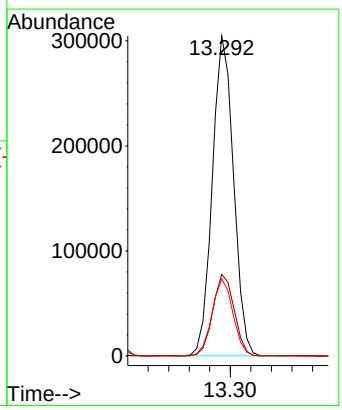


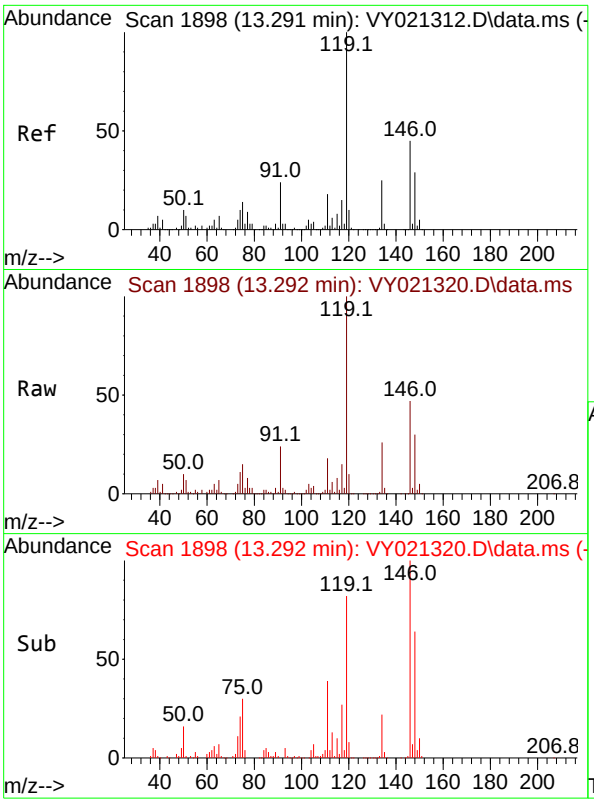


#86
p-Isopropyltoluene
Concen: 48.594 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:119 Resp: 435539

Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.0	38.9
91	23.8	12.0	36.1



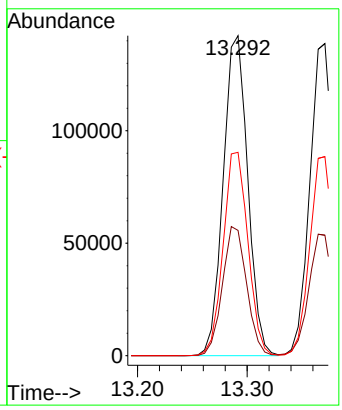


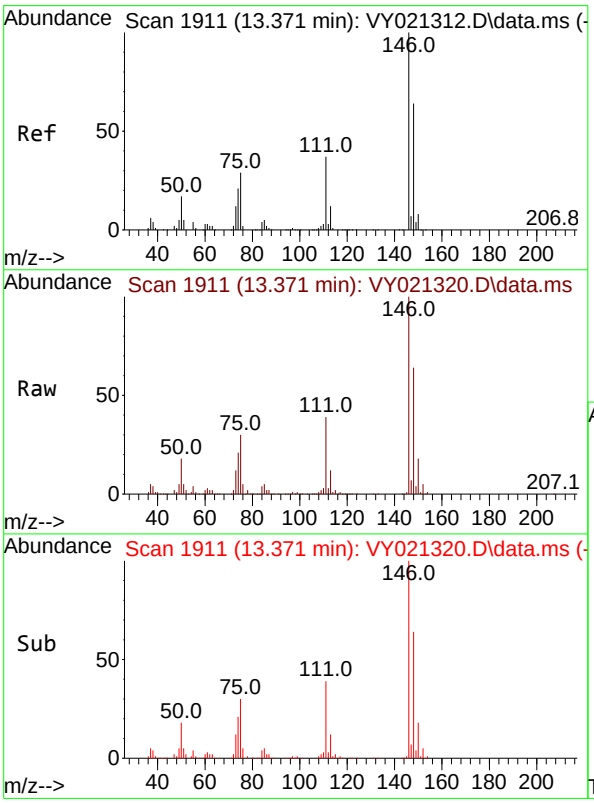
#87
1,3-Dichlorobenzene
Concen: 48.450 ug/l
RT: 13.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 221110

Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	59.9
148	64.2	31.9	95.9

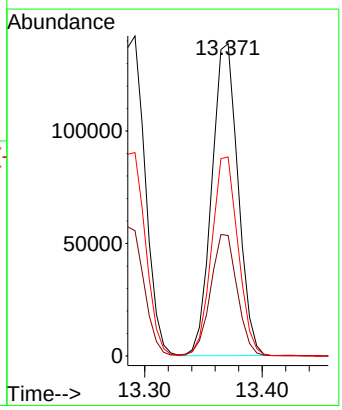


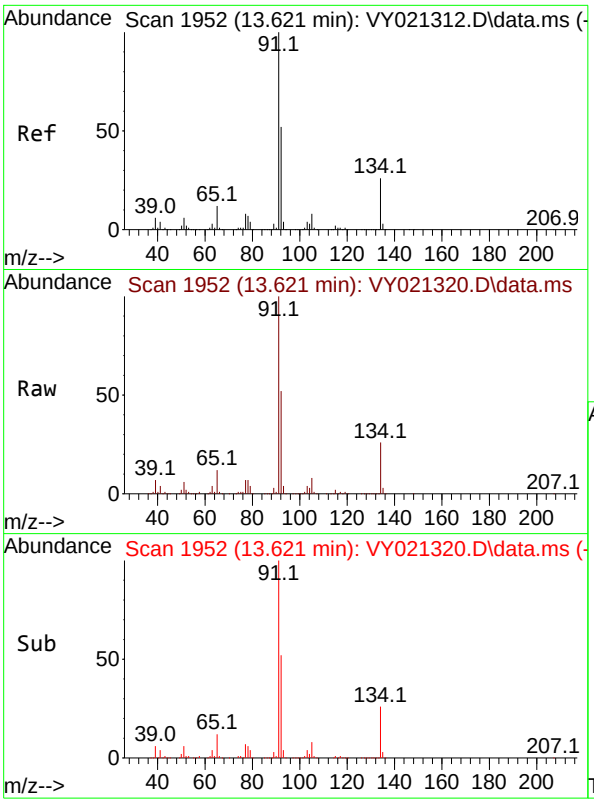


#88
1,4-Dichlorobenzene
Concen: 47.797 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:146 Resp: 215487

Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.5	58.5
148	64.5	32.0	96.2



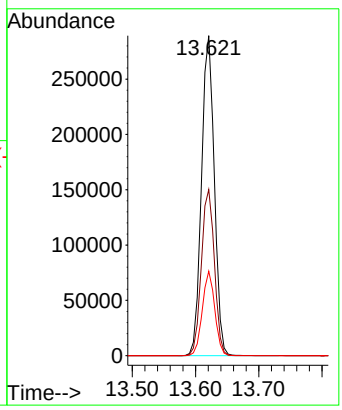


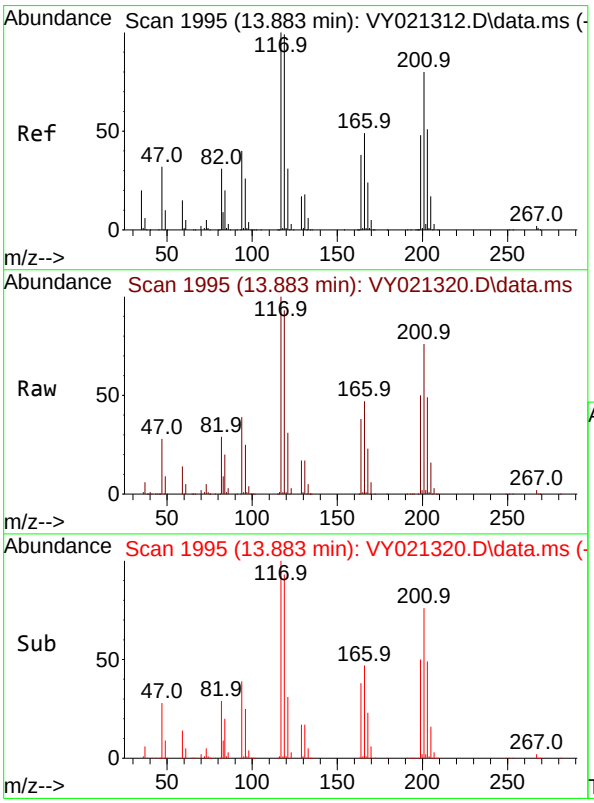
#89
n-Butylbenzene
Concen: 48.491 ug/l
RT: 13.621 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 408995

Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.4	79.2
134	25.6	12.7	38.0

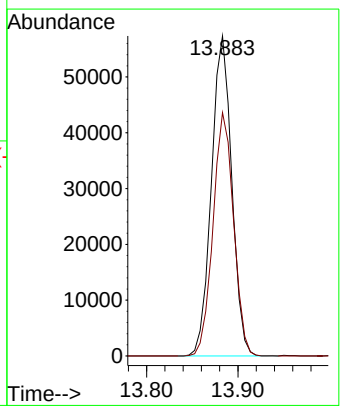


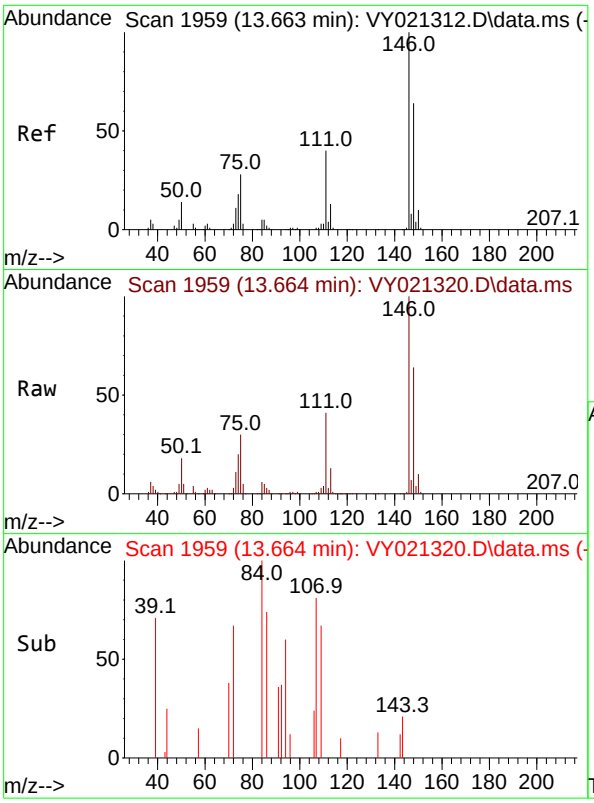


#90
Hexachloroethane
Concen: 47.306 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:117 Resp: 88564

Ion	Ratio	Lower	Upper
117	100		
201	76.8	38.4	115.2



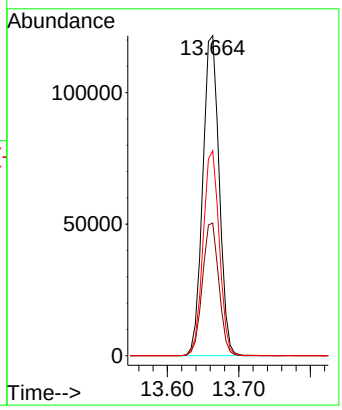


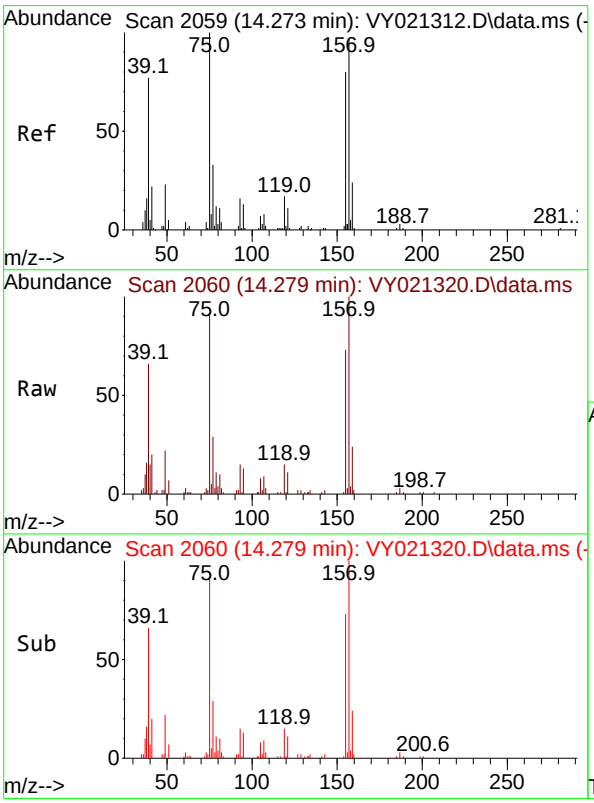
#91
1,2-Dichlorobenzene
Concen: 48.457 ug/l
RT: 13.664 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 193750

Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.7	62.1
148	63.4	31.7	95.1

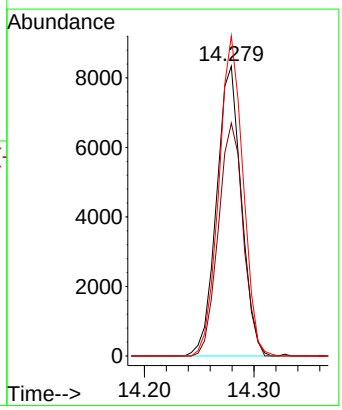


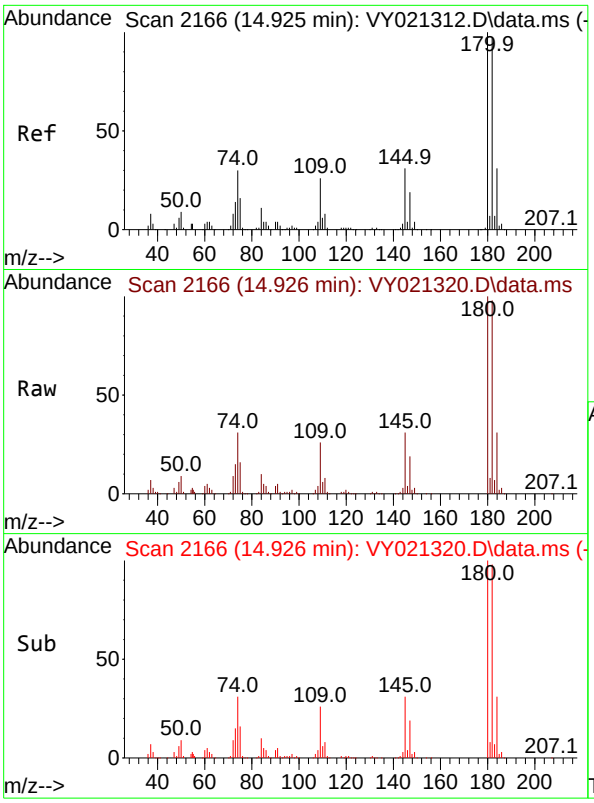


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.306 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 75 Resp: 13100

Ion	Ratio	Lower	Upper
75	100		
155	80.5	41.9	125.6
157	107.7	52.5	157.6



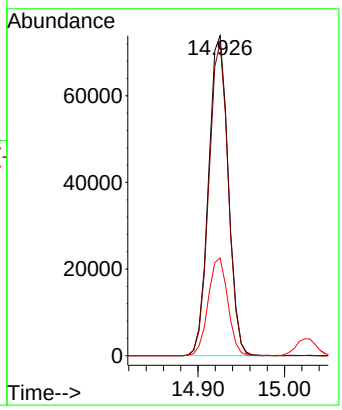


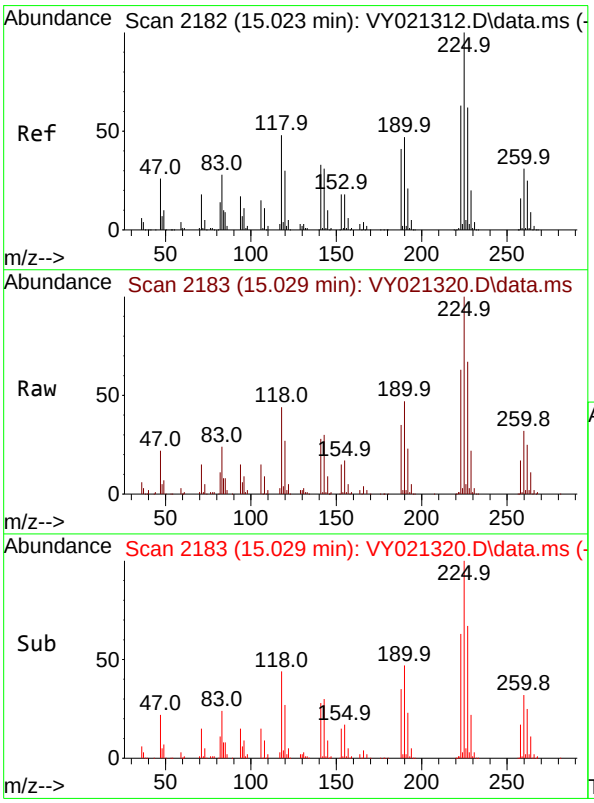
#93
1,2,4-Trichlorobenzene
Concen: 47.769 ug/l
RT: 14.926 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 116572

Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.9	143.7
145	30.4	15.6	46.8

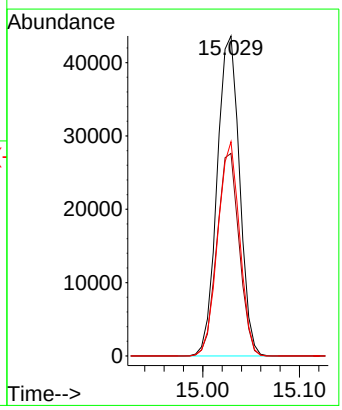


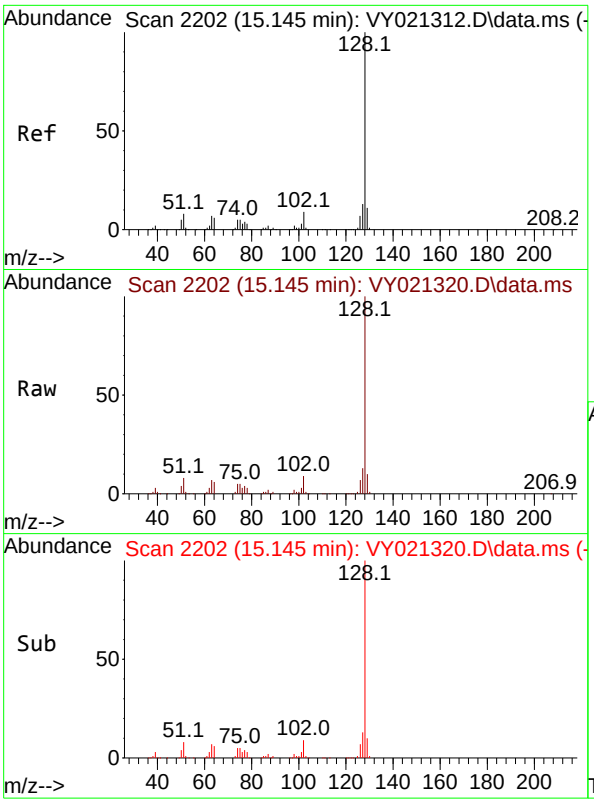


#94
Hexachlorobutadiene
Concen: 45.603 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:225 Resp: 70063

Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.8	95.4
227	65.3	31.9	95.7



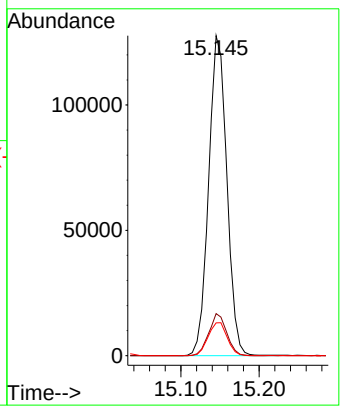


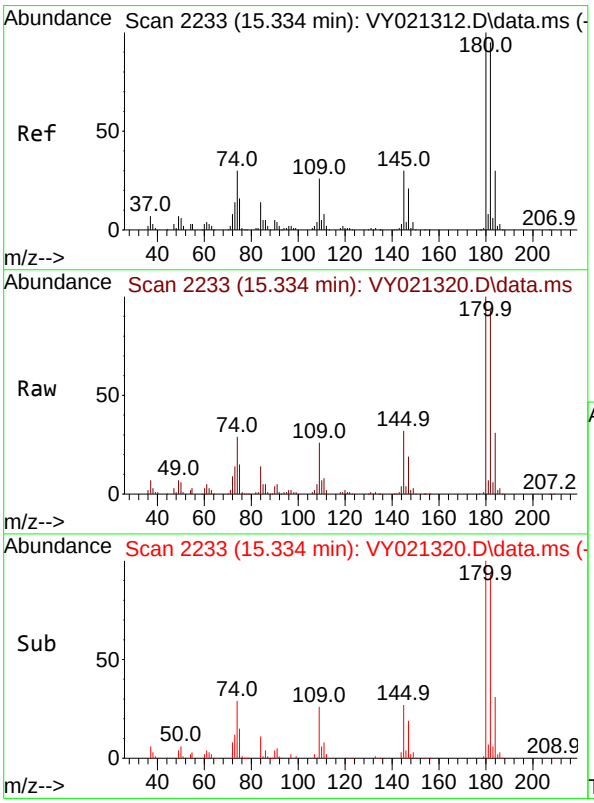
#95
Naphthalene
Concen: 50.937 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 205892

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.9	8.5	12.7

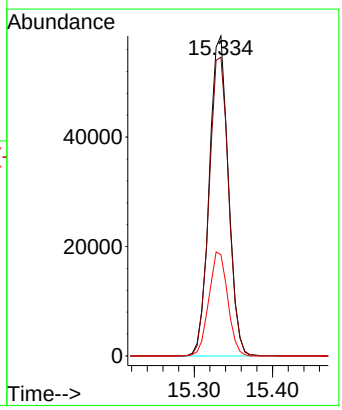




#96
1,2,3-Trichlorobenzene
Concen: 47.779 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:180 Resp: 98515

Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.3	144.9
145	32.2	16.1	48.3



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021322.D
Acq On : 26 Feb 2025 11:22
Operator : SY/MD
Sample : VY0226SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Quant Time: Feb 27 00:35:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	184417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	291138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	254891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	128725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	97685	46.693	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 93.380%			
35) Dibromofluoromethane	7.634	113	90492	47.410	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.820%			
50) Toluene-d8	10.109	98	351200	47.609	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.220%			
62) 4-Bromofluorobenzene	12.407	95	117404	47.291	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.580%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	34125	19.517	ug/l	97
3) Chloromethane	2.068	50	42771	18.941	ug/l	96
4) Vinyl Chloride	2.202	62	42765	19.295	ug/l	98
5) Bromomethane	2.592	94	28297	19.212	ug/l	100
6) Chloroethane	2.732	64	26124	19.007	ug/l	95
7) Trichlorofluoromethane	3.056	101	63673	19.022	ug/l	100
8) Diethyl Ether	3.452	74	19334	19.245	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	38299	19.763	ug/l	98
10) Methyl Iodide	4.007	142	37750	18.516	ug/l	99
11) Tert butyl alcohol	4.854	59	13942	86.641	ug/l #	90
12) 1,1-Dichloroethene	3.787	96	35305	19.026	ug/l	96
13) Acrolein	3.653	56	20005	162.231	ug/l	95
14) Allyl chloride	4.385	41	62973	19.141	ug/l	98
15) Acrylonitrile	5.061	53	42599	95.903	ug/l	99
16) Acetone	3.872	43	38073	94.873	ug/l	99
17) Carbon Disulfide	4.104	76	114721	18.619	ug/l	100
18) Methyl Acetate	4.385	43	18152	18.509	ug/l	96
19) Methyl tert-butyl Ether	5.110	73	93663	19.105	ug/l	100
20) Methylene Chloride	4.610	84	40120	18.488	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	38871	19.029	ug/l	97
22) Diisopropyl ether	6.018	45	134550	19.764	ug/l	100
23) Vinyl Acetate	5.957	43	386141	94.917	ug/l	98
24) 1,1-Dichloroethane	5.915	63	73384	19.125	ug/l	99
25) 2-Butanone	6.890	43	56272	92.910	ug/l	100
26) 2,2-Dichloropropane	6.884	77	66242	19.026	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	44795	19.204	ug/l	99
28) Bromochloromethane	7.244	49	30330	17.864	ug/l	99
29) Tetrahydrofuran	7.262	42	37274	94.152	ug/l	98
30) Chloroform	7.421	83	75017	19.294	ug/l	99
31) Cyclohexane	7.701	56	69642	18.881	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	67879	19.180	ug/l	99
36) 1,1-Dichloropropene	7.835	75	55184	19.247	ug/l	100
37) Ethyl Acetate	6.988	43	28035	19.657	ug/l	99
38) Carbon Tetrachloride	7.817	117	61214	18.991	ug/l	96
39) Methylcyclohexane	9.109	83	68527	18.897	ug/l	97
40) Benzene	8.079	78	163641	19.308	ug/l	98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021322.D
Acq On : 26 Feb 2025 11:22
Operator : SY/MD
Sample : VY0226SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Quant Time: Feb 27 00:35:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.219	41	10887	13.653 ug/l #	73
42) 1,2-Dichloroethane	8.158	62	46152	19.193 ug/l	100
43) Isopropyl Acetate	8.195	43	51417	18.626 ug/l	99
44) Trichloroethene	8.865	130	40770	19.214 ug/l	98
45) 1,2-Dichloropropane	9.140	63	39037	19.139 ug/l	95
46) Dibromomethane	9.231	93	21795	19.549 ug/l	97
47) Bromodichloromethane	9.420	83	56650	19.056 ug/l	97
48) Methyl methacrylate	9.219	41	25014	19.377 ug/l	99
49) 1,4-Dioxane	9.231	88	4576	369.128 ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	131838	93.298 ug/l	100
52) Toluene	10.170	92	101381	19.255 ug/l	100
53) t-1,3-Dichloropropene	10.396	75	51842	19.034 ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	61986	19.278 ug/l	96
55) 1,1,2-Trichloroethane	10.572	97	27740	19.099 ug/l	97
56) Ethyl methacrylate	10.438	69	37632	18.751 ug/l	99
57) 1,3-Dichloropropane	10.719	76	49393	19.380 ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	87093	90.414 ug/l	100
59) 2-Hexanone	10.761	43	87008	93.755 ug/l	99
60) Dibromochloromethane	10.908	129	38212	19.318 ug/l	100
61) 1,2-Dibromoethane	11.011	107	25849	18.799 ug/l	96
64) Tetrachloroethene	10.646	164	36984	19.197 ug/l	97
65) Chlorobenzene	11.444	112	108578	18.977 ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.517	131	39302	19.617 ug/l	98
67) Ethyl Benzene	11.517	91	192592	19.003 ug/l	100
68) m/p-Xylenes	11.627	106	147929	38.806 ug/l	100
69) o-Xylene	11.956	106	69071	19.342 ug/l	99
70) Styrene	11.969	104	114447	19.262 ug/l	99
71) Bromoform	12.133	173	21872	19.083 ug/l #	99
73) Isopropylbenzene	12.255	105	184435	19.058 ug/l	100
74) N-amyl acetate	12.072	43	44104	17.930 ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	32169	18.835 ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	42083	32.661 ug/l #	100
77) Bromobenzene	12.529	156	42599	18.925 ug/l	98
78) n-propylbenzene	12.596	91	226845	19.317 ug/l	100
79) 2-Chlorotoluene	12.682	91	128526	19.070 ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	155422	19.582 ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	10066	17.364 ug/l	95
82) 4-Chlorotoluene	12.779	91	133936	19.171 ug/l	100
83) tert-Butylbenzene	12.999	119	136788	19.079 ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	152431	19.310 ug/l	99
85) sec-Butylbenzene	13.176	105	204066	19.486 ug/l	100
86) p-Isopropyltoluene	13.291	119	167856	19.195 ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	85257	19.148 ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	84570	19.226 ug/l	99
89) n-Butylbenzene	13.621	91	155625	18.911 ug/l	100
90) Hexachloroethane	13.883	117	34224	18.736 ug/l	100
91) 1,2-Dichlorobenzene	13.663	146	73256	18.778 ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5025	18.599 ug/l	93
93) 1,2,4-Trichlorobenzene	14.925	180	42148	17.702 ug/l	99
94) Hexachlorobutadiene	15.023	225	27956	18.650 ug/l	99
95) Naphthalene	15.151	128	68106	17.269 ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	36072	17.931 ug/l	98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021322.D
Acq On : 26 Feb 2025 11:22
Operator : SY/MD
Sample : VY0226SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Quant Time: Feb 27 00:35:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

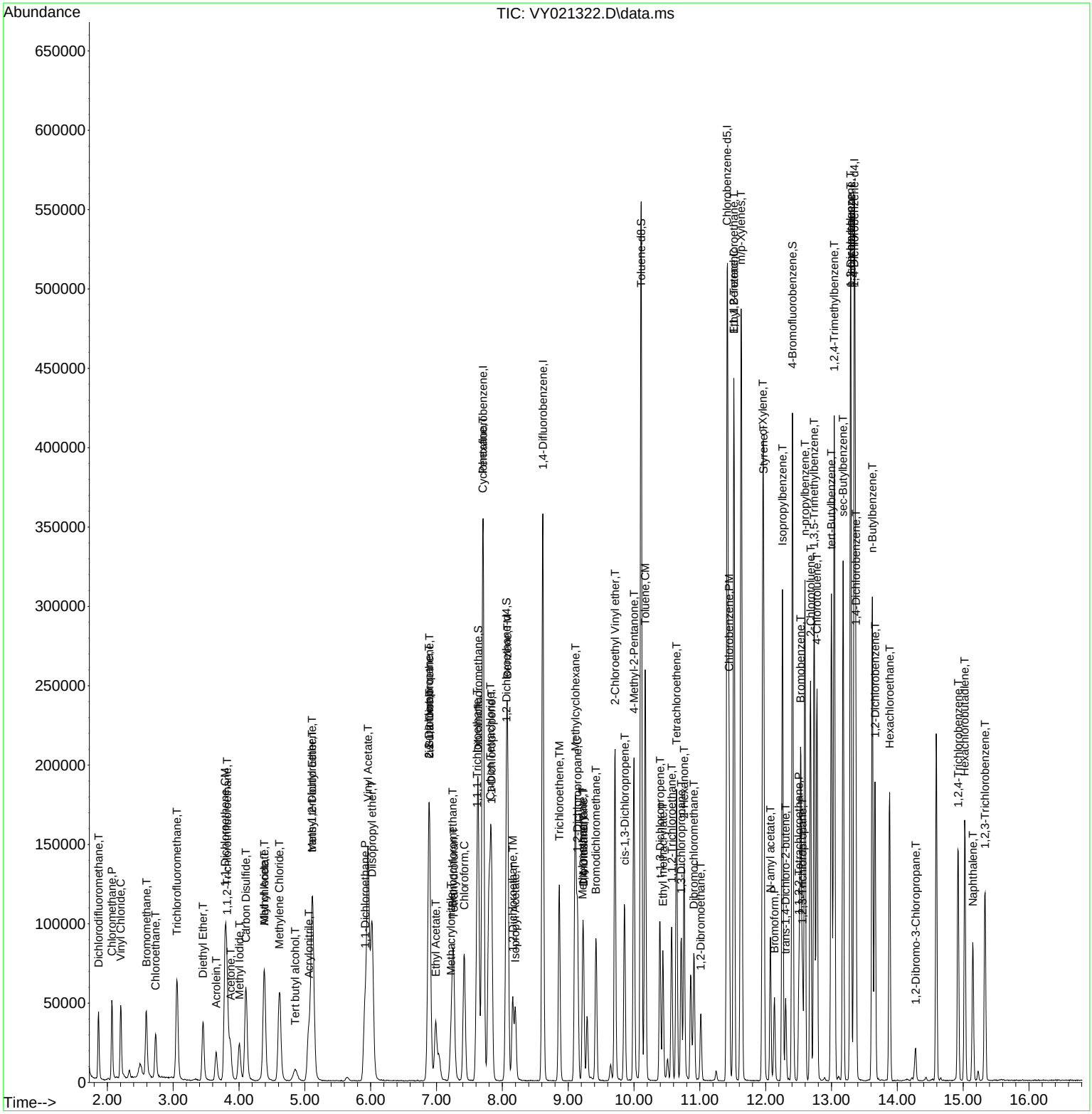
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

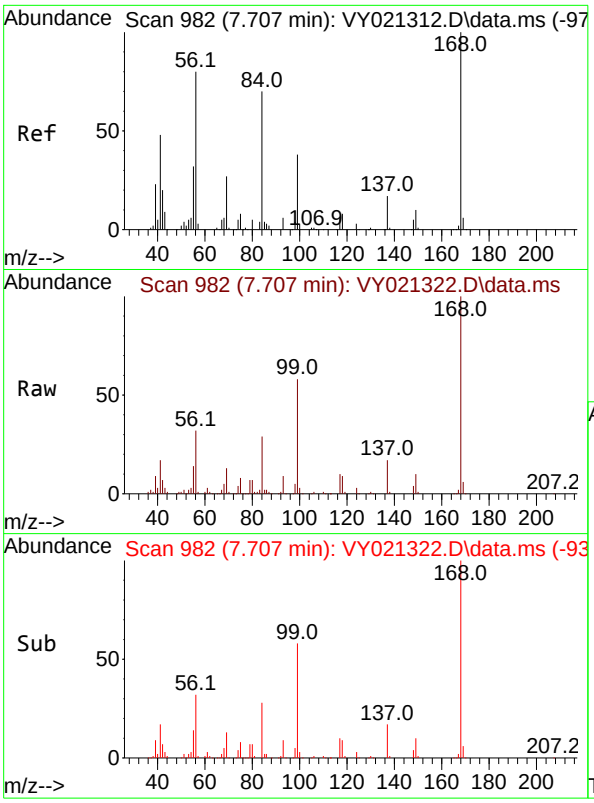
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021322.D
Acq On : 26 Feb 2025 11:22
Operator : SY/MD
Sample : VY0226SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Quant Time: Feb 27 00:35:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration



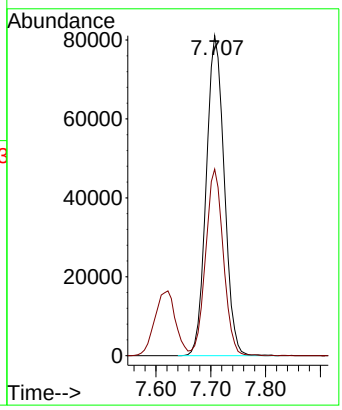


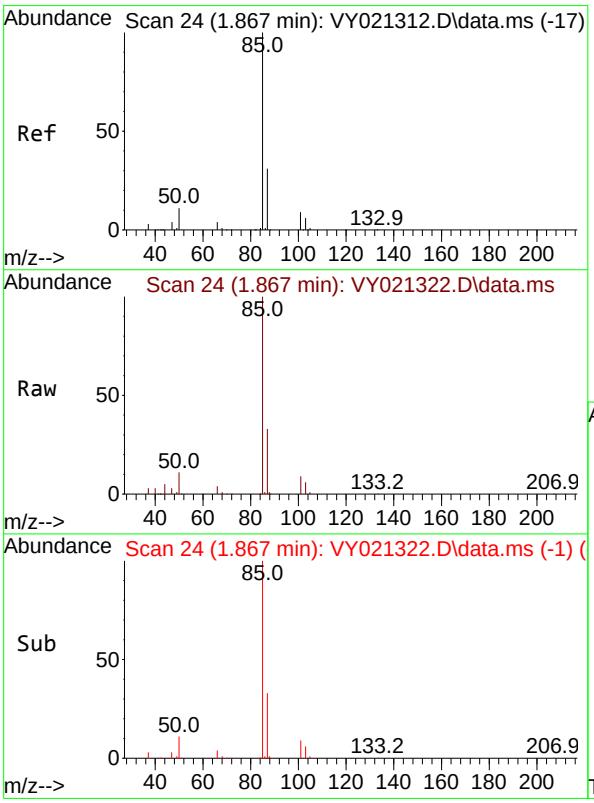
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion:168 Resp: 184417

Ion	Ratio	Lower	Upper
168	100		
99	58.3	47.1	70.7

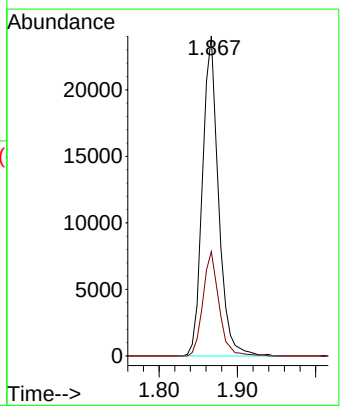


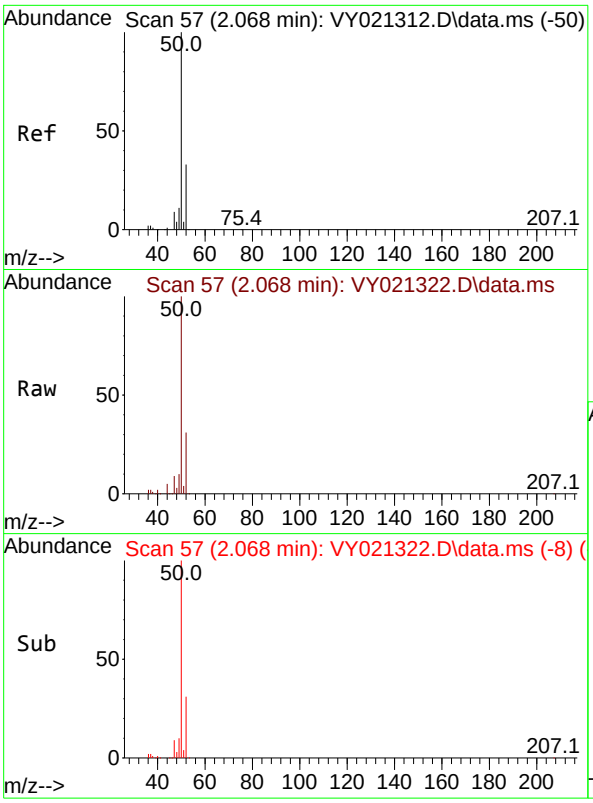


#2
Dichlorodifluoromethane
Concen: 19.517 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 85 Resp: 34125

Ion	Ratio	Lower	Upper
85	100		
87	32.6	15.4	46.4



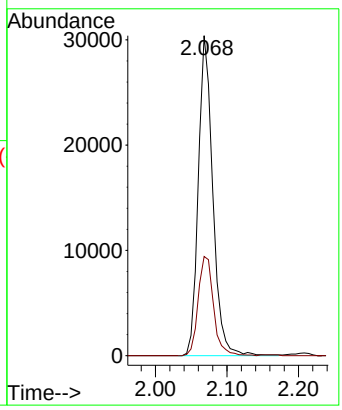


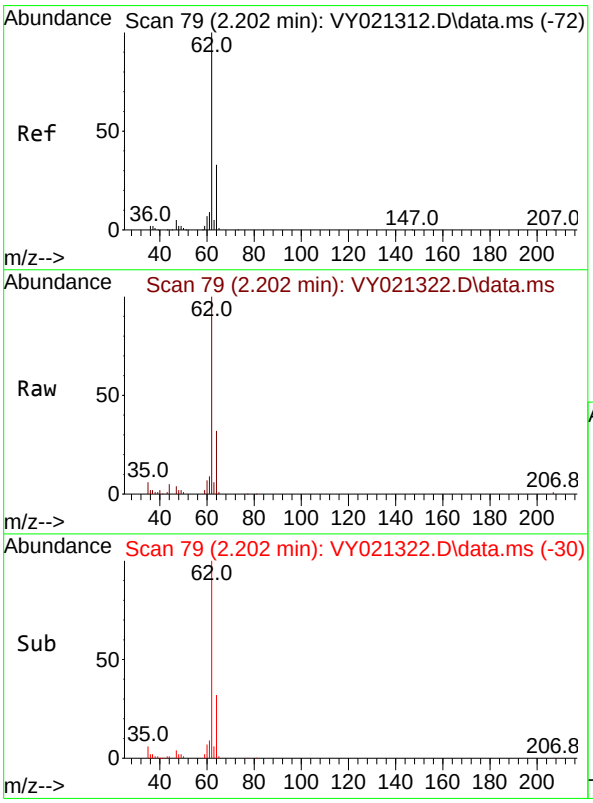
#3
Chloromethane
Concen: 18.941 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion: 50 Resp: 42771

Ion	Ratio	Lower	Upper
50	100		
52	31.0	26.6	40.0

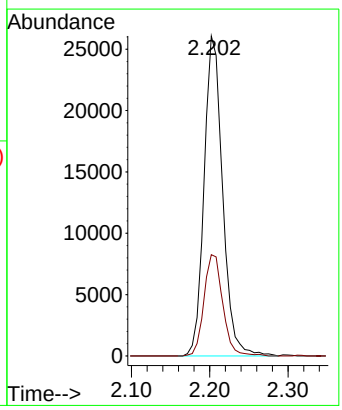


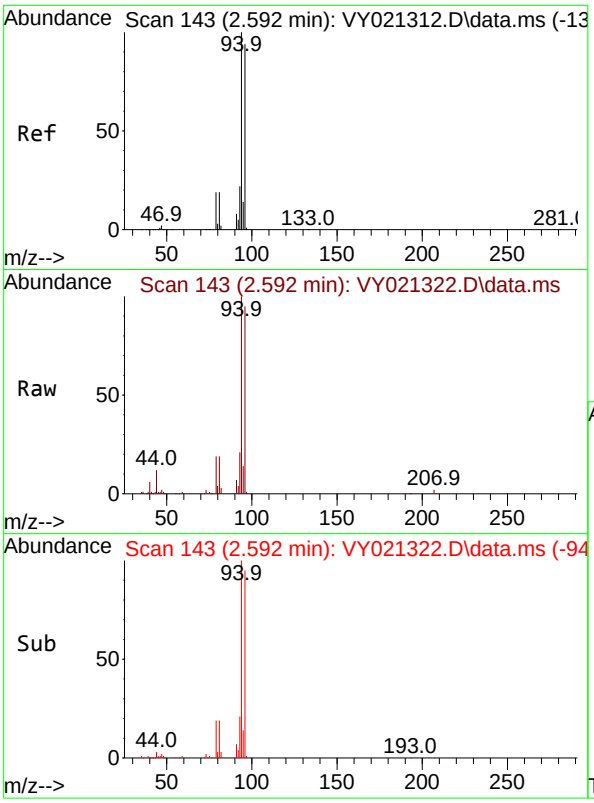


#4
Vinyl Chloride
Concen: 19.295 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 62 Resp: 42765

Ion	Ratio	Lower	Upper
62	100		
64	31.7	26.3	39.5



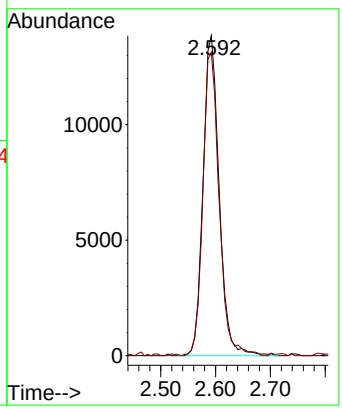


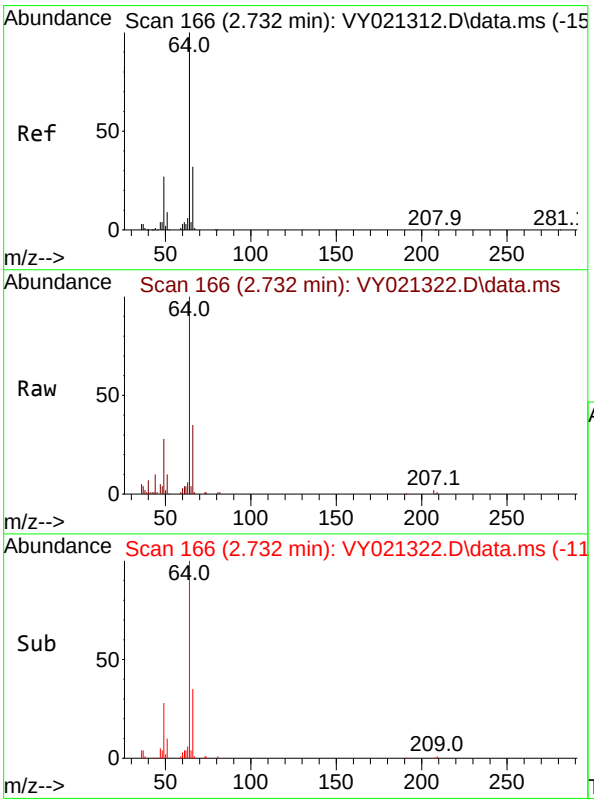
#5
Bromomethane
Concen: 19.212 ug/l
RT: 2.592 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion: 94 Resp: 28297

Ion	Ratio	Lower	Upper
94	100		
96	94.4	75.2	112.8

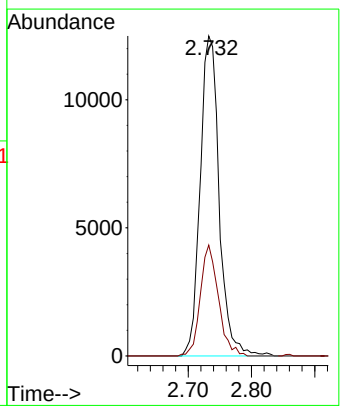


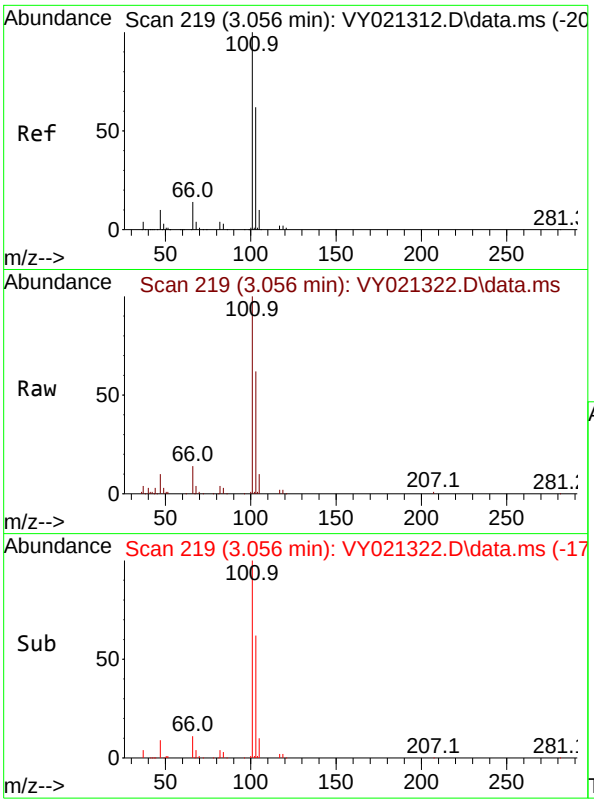


#6
Chloroethane
Concen: 19.007 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 64 Resp: 26124

Ion	Ratio	Lower	Upper
64	100		
66	34.6	25.4	38.0



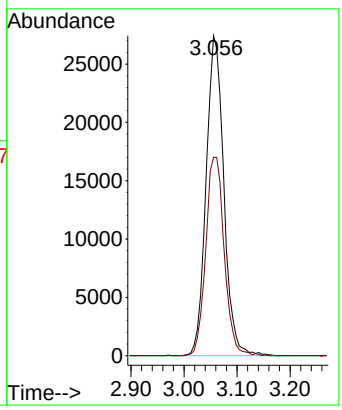


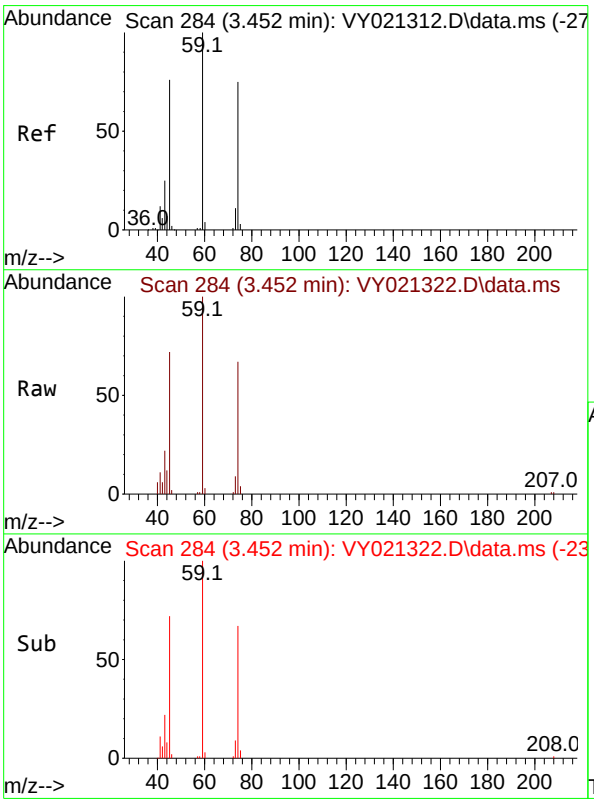
#7
Trichlorofluoromethane
Concen: 19.022 ug/l
RT: 3.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion:101 Resp: 63673

Ion	Ratio	Lower	Upper
101	100		
103	62.0	49.7	74.5

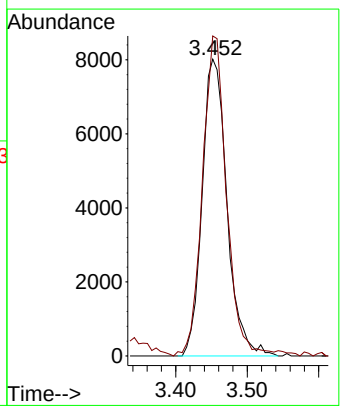


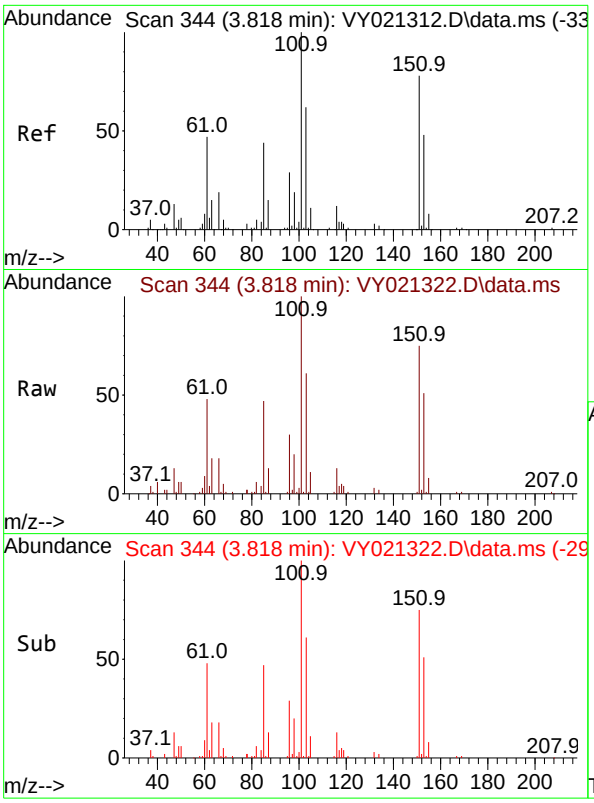


#8
Diethyl Ether
Concen: 19.245 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 74 Resp: 19334

Ion	Ratio	Lower	Upper
74	100		
45	104.1	50.3	150.9



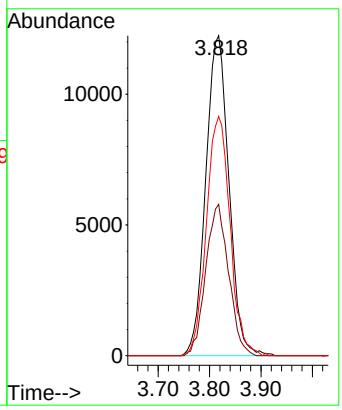


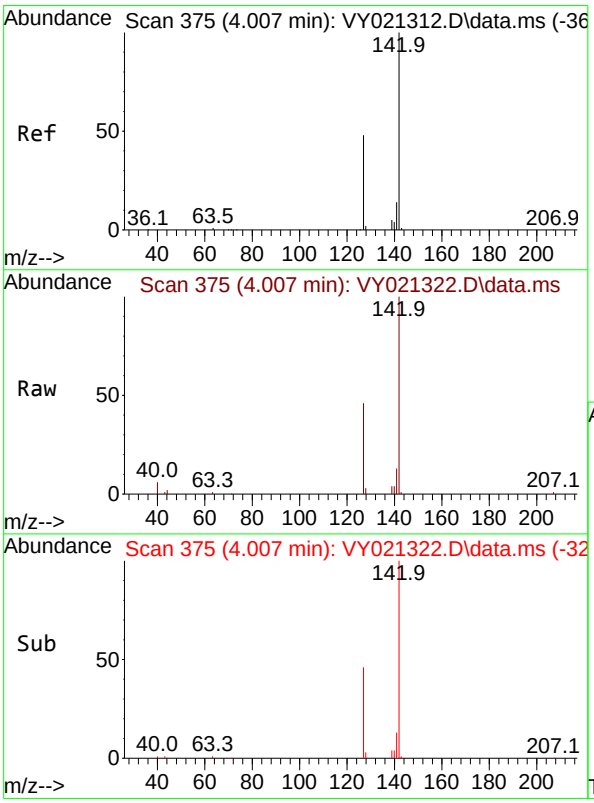
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.763 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion:101 Resp: 38299

Ion	Ratio	Lower	Upper
101	100		
85	46.9	36.7	55.1
151	76.6	62.6	94.0

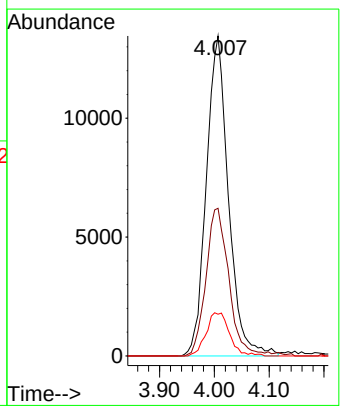


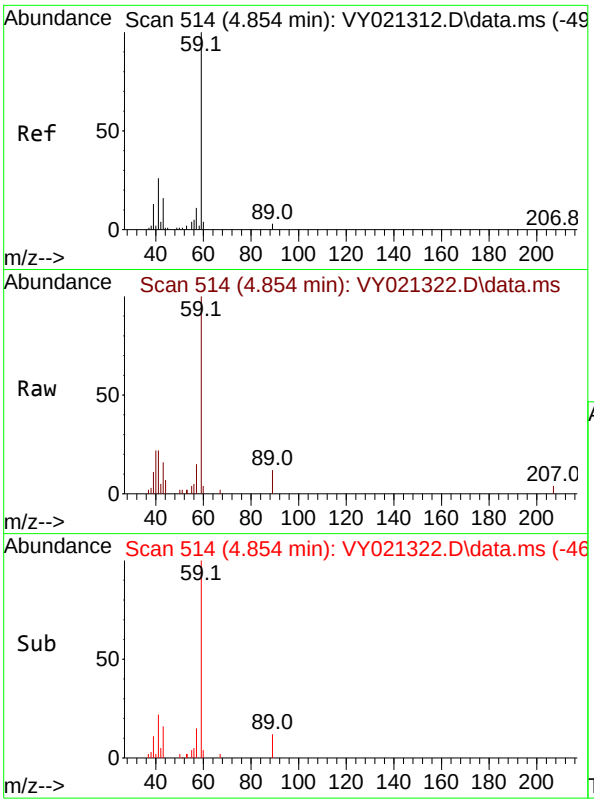


#10
Methyl Iodide
Concen: 18.516 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:142 Resp: 37750

Ion	Ratio	Lower	Upper
142	100		
127	47.7	39.2	58.8
141	14.3	11.4	17.2



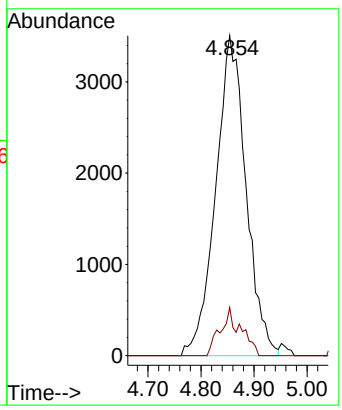


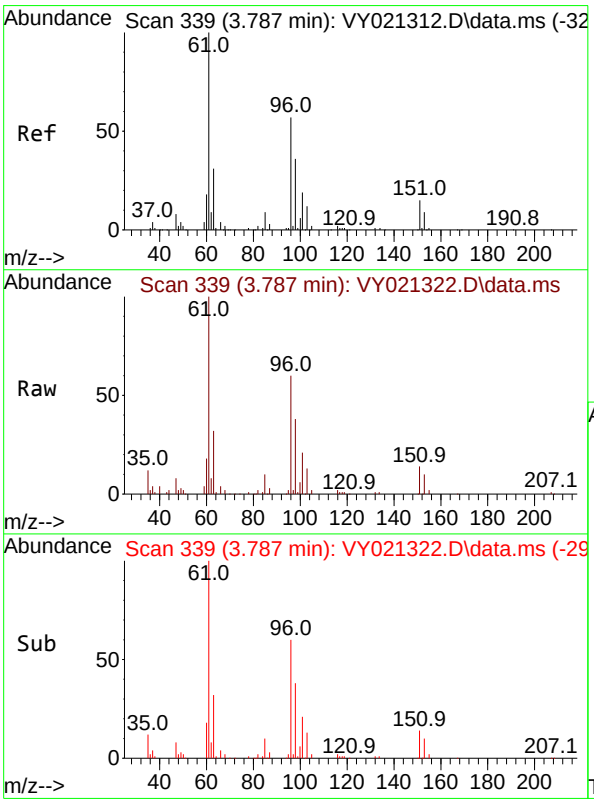
#11
Tert butyl alcohol
Concen: 86.641 ug/l
RT: 4.854 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion: 59 Resp: 13942

Ion	Ratio	Lower	Upper
59	100		
57	6.7	8.3	12.5#

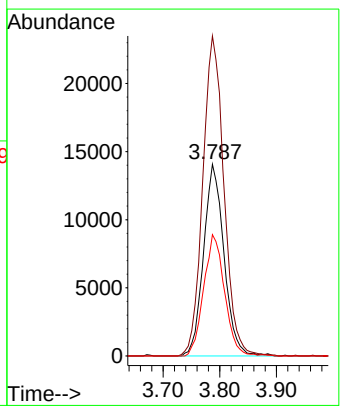


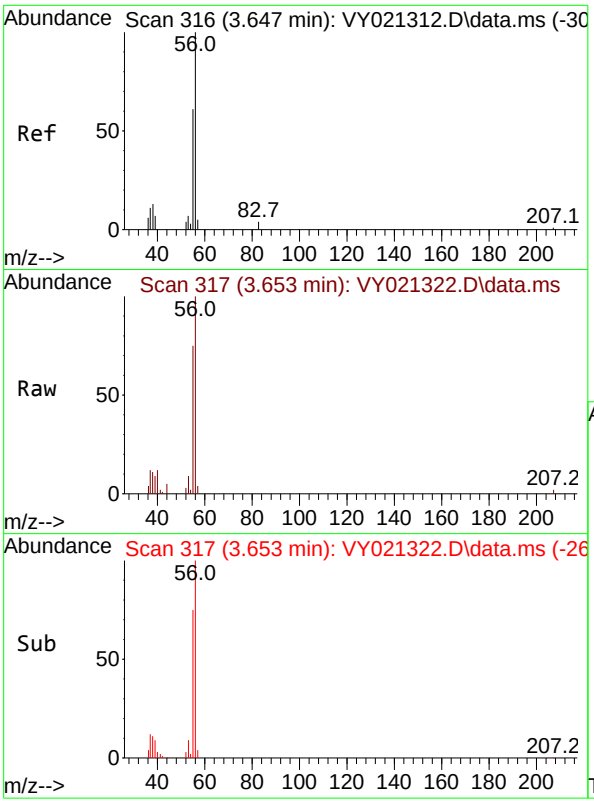


#12
1,1-Dichloroethene
Concen: 19.026 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 96 Resp: 35305

Ion	Ratio	Lower	Upper
96	100		
61	167.0	139.7	209.5
98	63.3	49.7	74.5



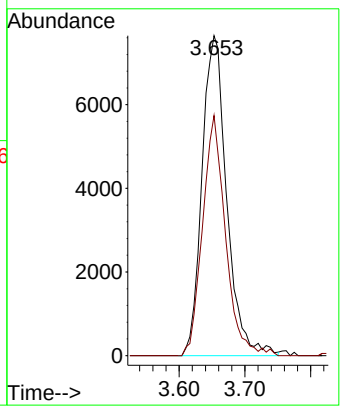


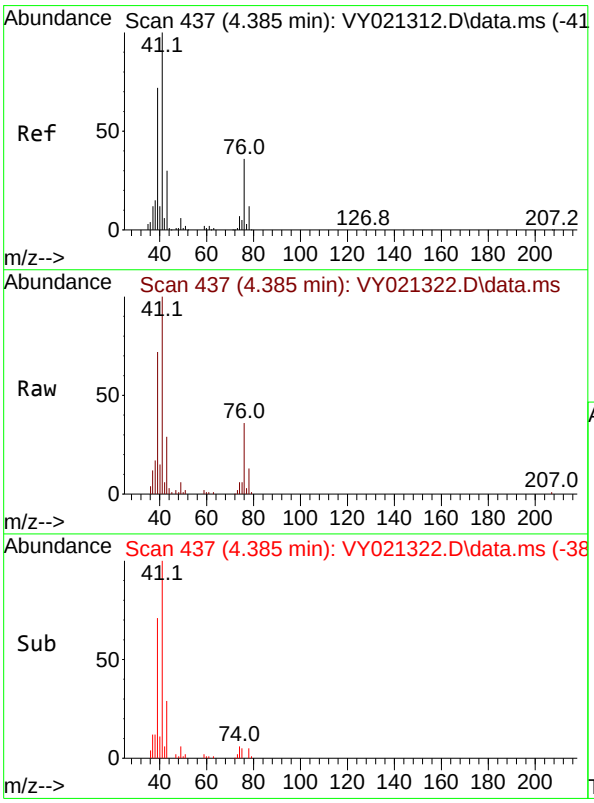
#13
Acrolein
Concen: 162.231 ug/l
RT: 3.653 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion: 56 Resp: 20005

Ion	Ratio	Lower	Upper
56	100		
55	69.9	59.0	88.6

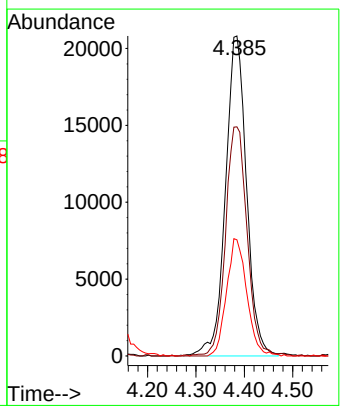


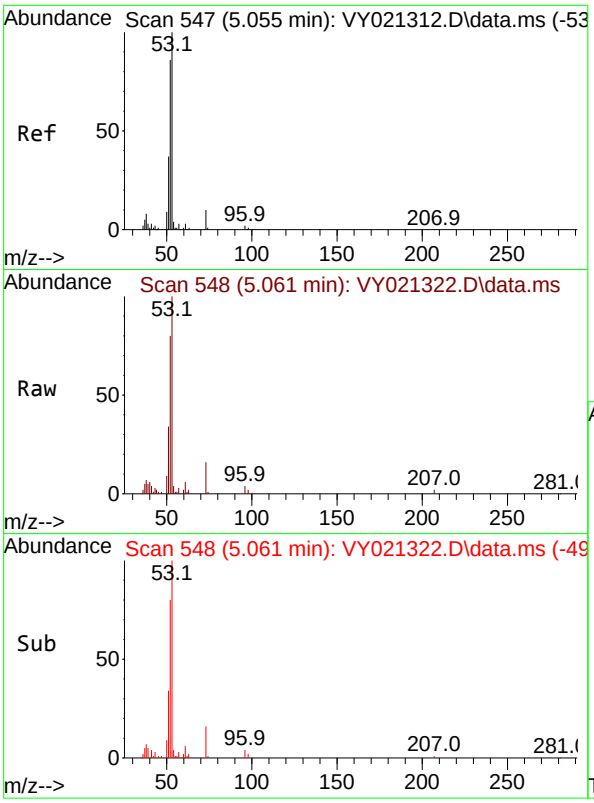


#14
Allyl chloride
Concen: 19.141 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 41 Resp: 62973

Ion	Ratio	Lower	Upper
41	100		
39	73.4	60.0	90.0
76	35.3	29.0	43.6



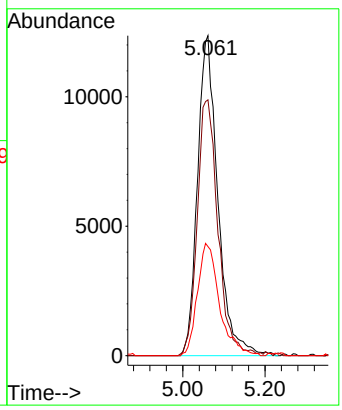


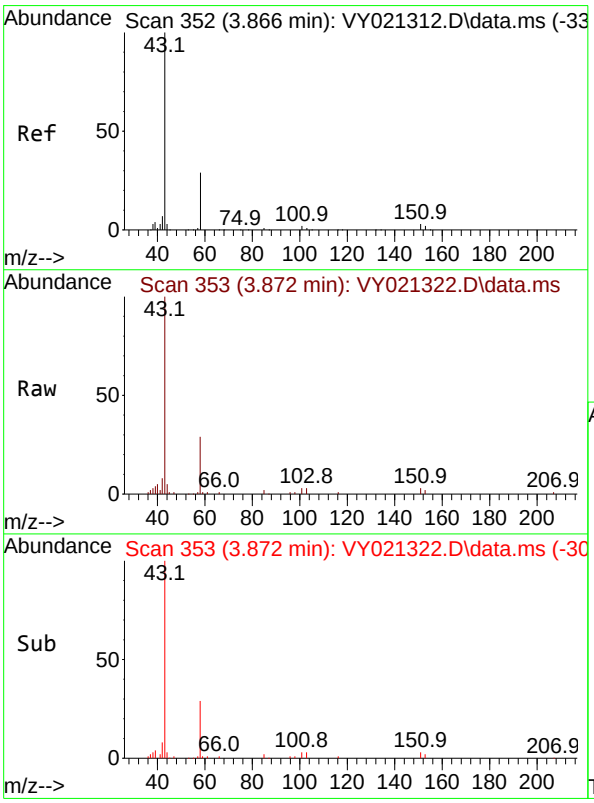
#15
Acrylonitrile
Concen: 95.903 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion: 53 Resp: 42599

Ion	Ratio	Lower	Upper
53	100		
52	80.9	65.5	98.3
51	38.0	30.6	46.0

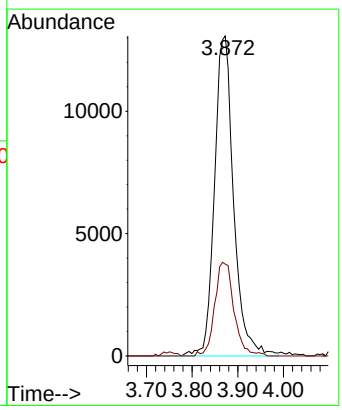


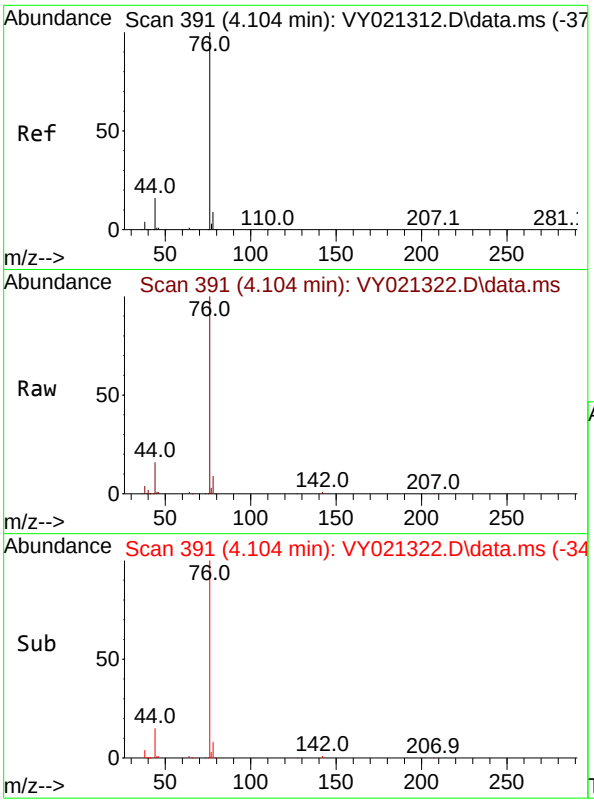


#16
Acetone
Concen: 94.873 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 43 Resp: 38073

Ion	Ratio	Lower	Upper
43	100		
58	28.7	23.5	35.3



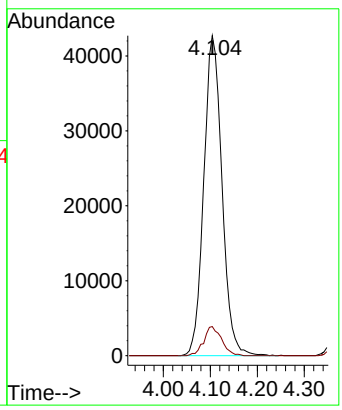


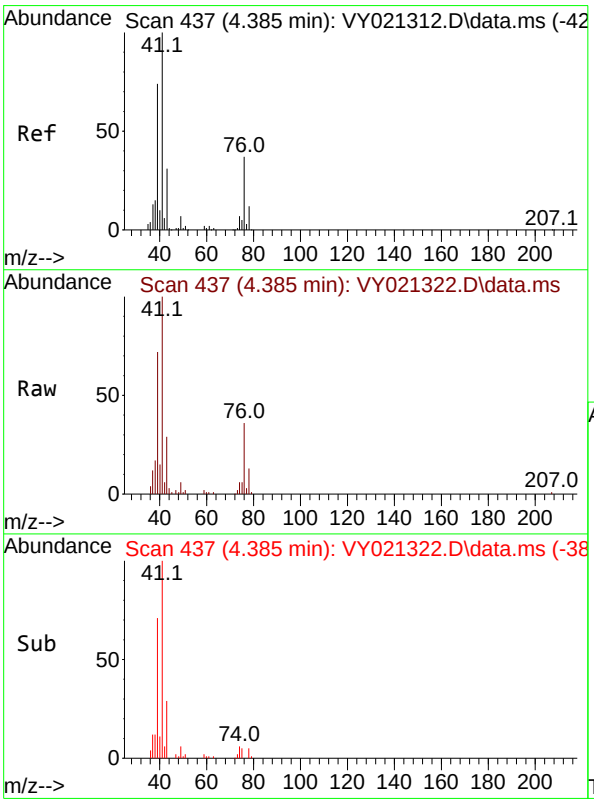
#17
Carbon Disulfide
Concen: 18.619 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion: 76 Resp: 114721

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

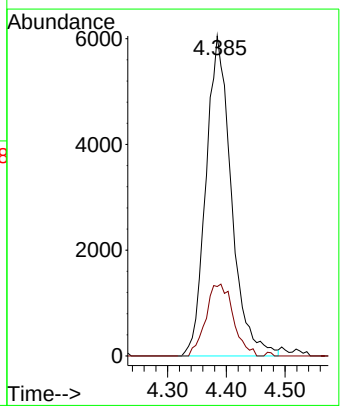


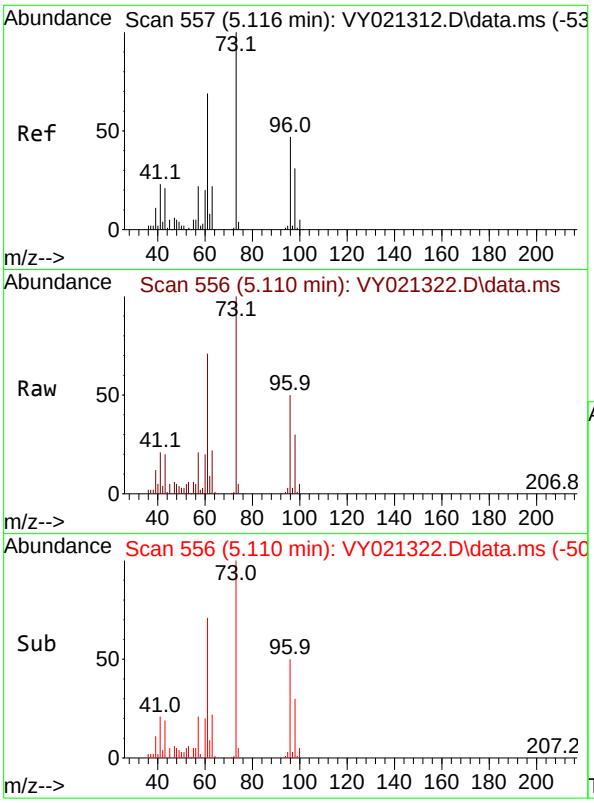


#18
Methyl Acetate
Concen: 18.509 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 43 Resp: 18152

Ion	Ratio	Lower	Upper
43	100		
74	24.2	17.7	26.5



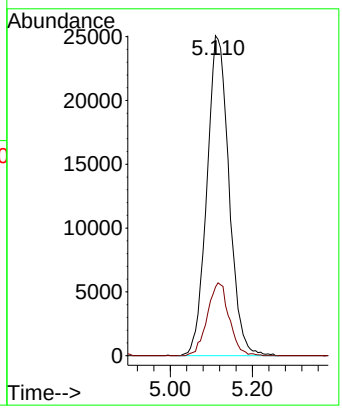


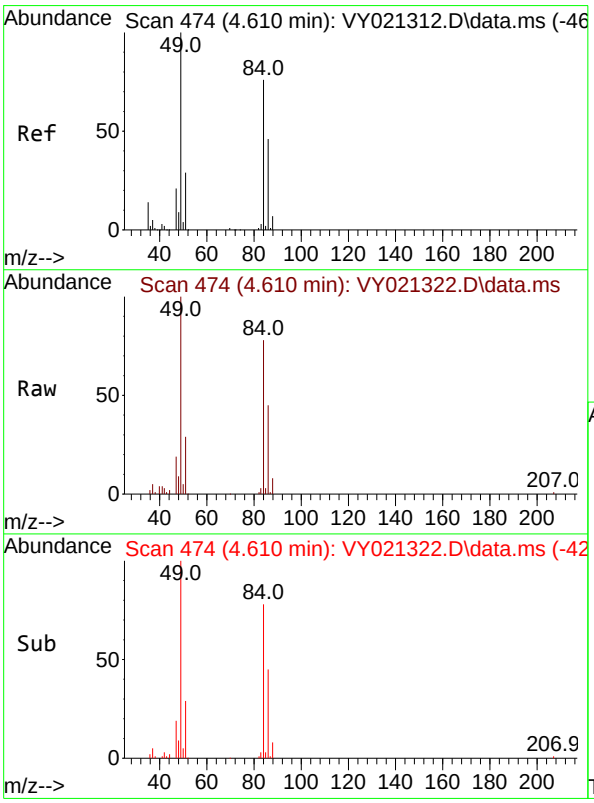
#19
Methyl tert-butyl Ether
Concen: 19.105 ug/l
RT: 5.110 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion: 73 Resp: 93663

Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.4	26.0

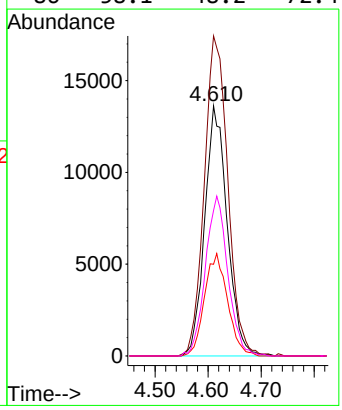


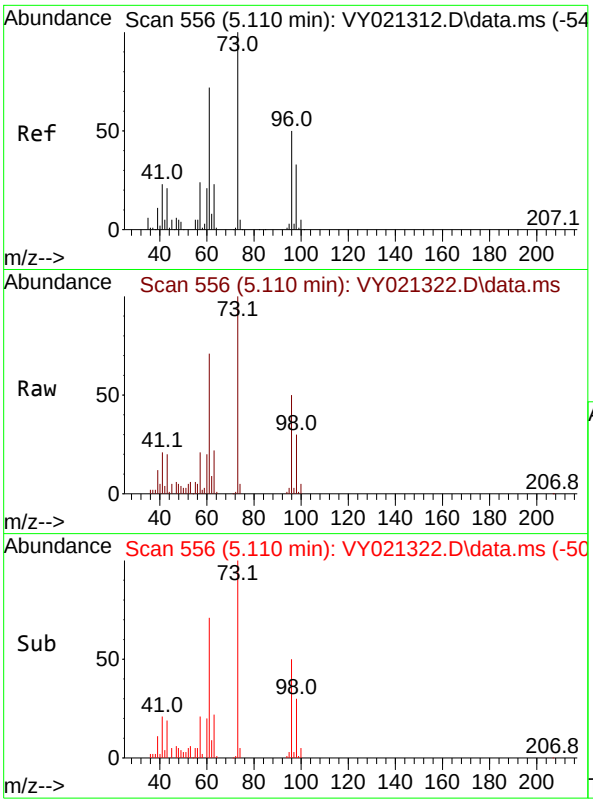


#20
Methylene Chloride
Concen: 18.488 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 84 Resp: 40120

Ion	Ratio	Lower	Upper
84	100		
49	128.0	105.1	157.7
51	36.7	31.0	46.4
86	58.1	48.2	72.4



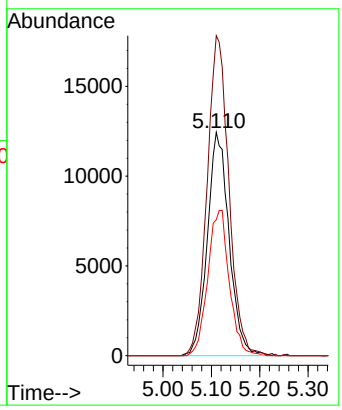


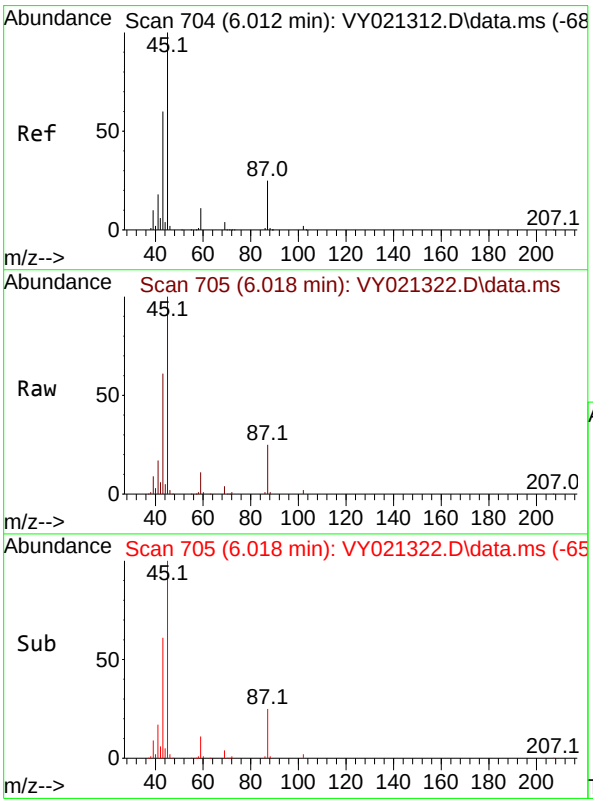
#21
trans-1,2-Dichloroethene
Concen: 19.029 ug/l
RT: 5.110 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion: 96 Resp: 38871

Ion	Ratio	Lower	Upper
96	100		
61	143.3	116.3	174.5
98	60.9	52.6	78.8

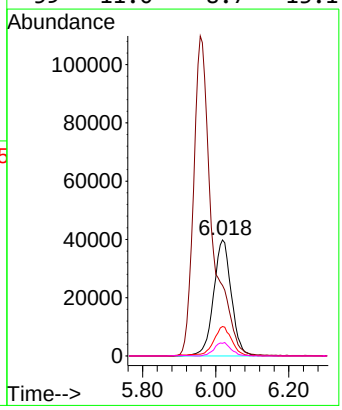


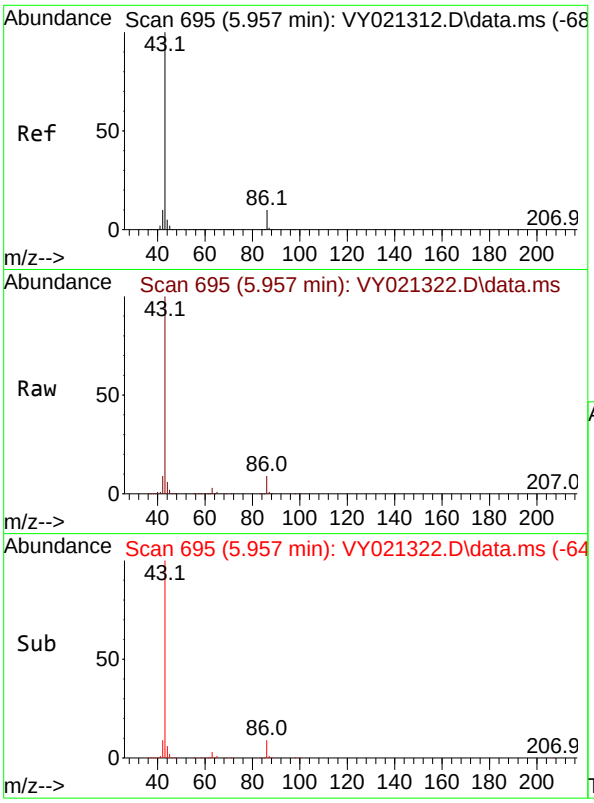


#22
Diisopropyl ether
Concen: 19.764 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 45 Resp: 134550

Ion	Ratio	Lower	Upper
45	100		
43	60.5	48.2	72.4
87	25.4	20.3	30.5
59	11.0	8.7	13.1



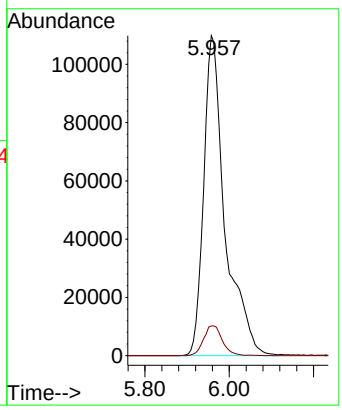


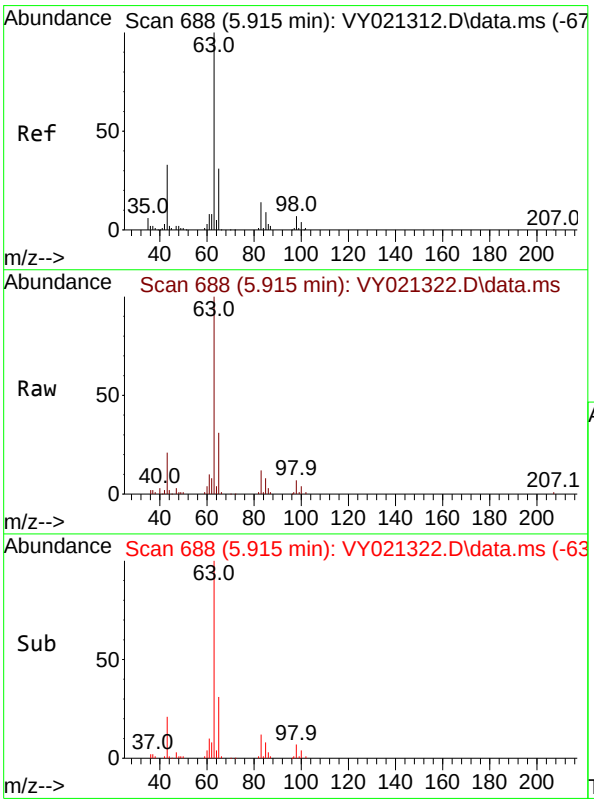
#23
Vinyl Acetate
Concen: 94.917 ug/l
RT: 5.957 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion: 43 Resp: 386141

Ion	Ratio	Lower	Upper
43	100		
86	9.3	8.0	12.0

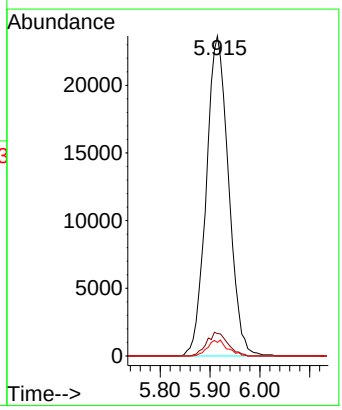


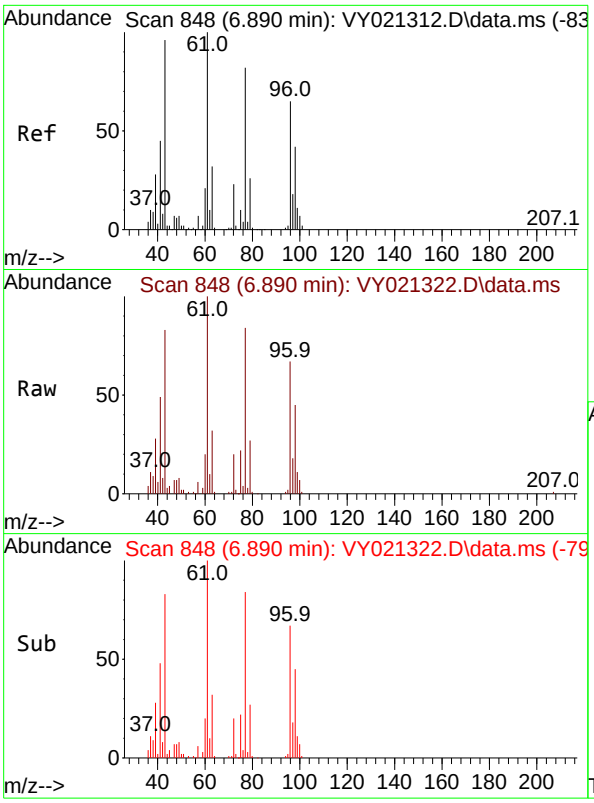


#24
1,1-Dichloroethane
Concen: 19.125 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 63 Resp: 73384

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.7	11.1
100	4.3	2.1	6.5



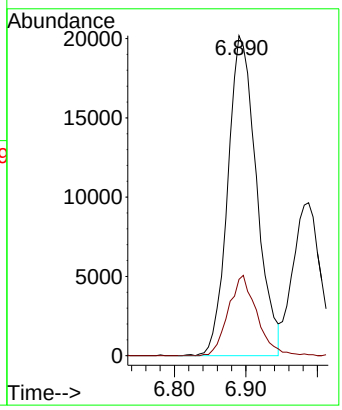


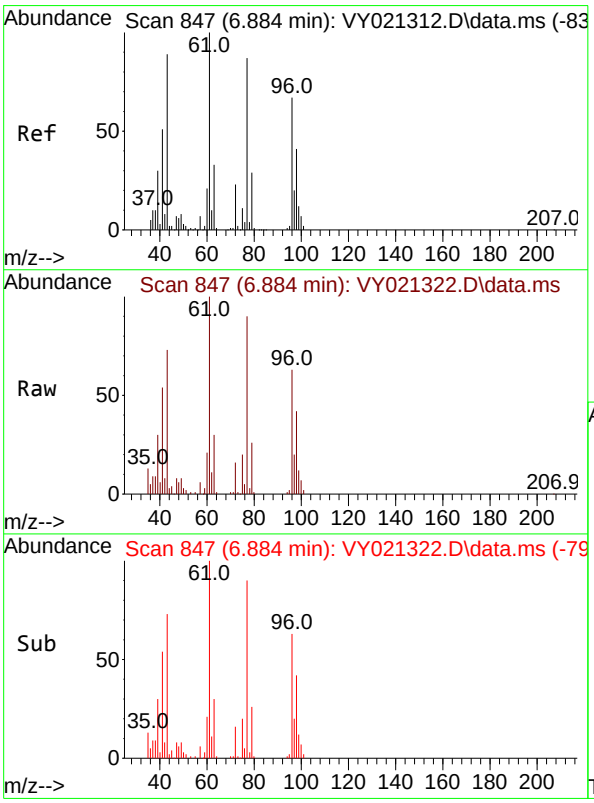
#25
2-Butanone
Concen: 92.910 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion: 43 Resp: 56272

Ion	Ratio	Lower	Upper
43	100		
72	23.9	19.0	28.6

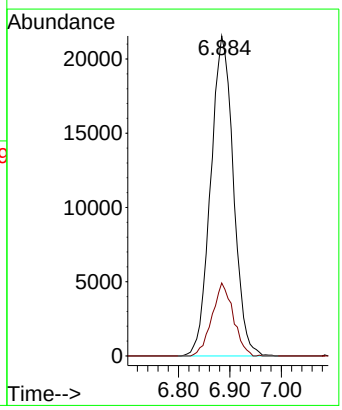


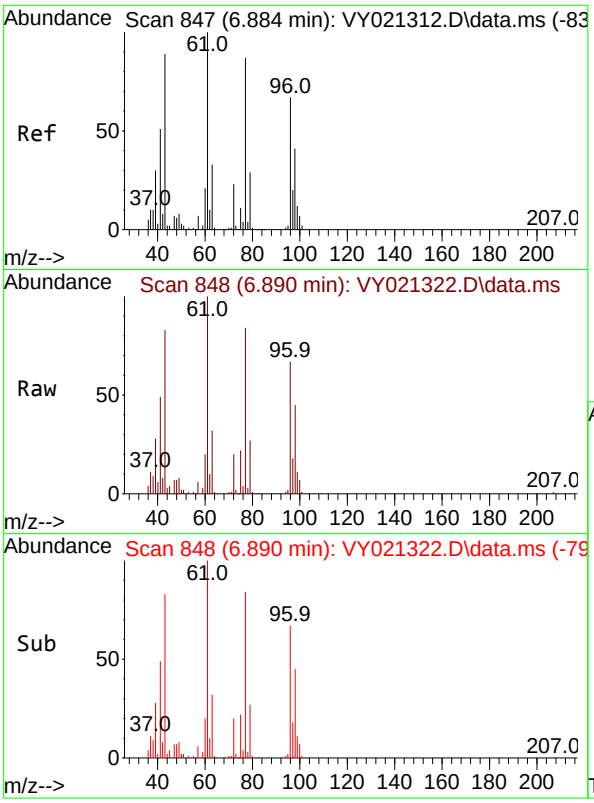


#26
2,2-Dichloropropane
Concen: 19.026 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 77 Resp: 66242

Ion	Ratio	Lower	Upper
77	100		
97	21.4	10.9	32.7



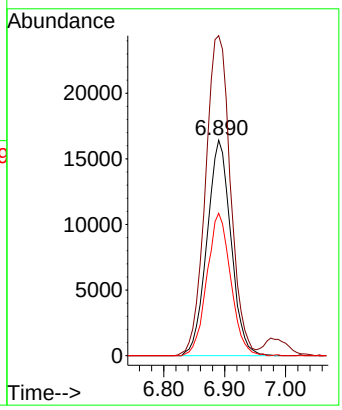


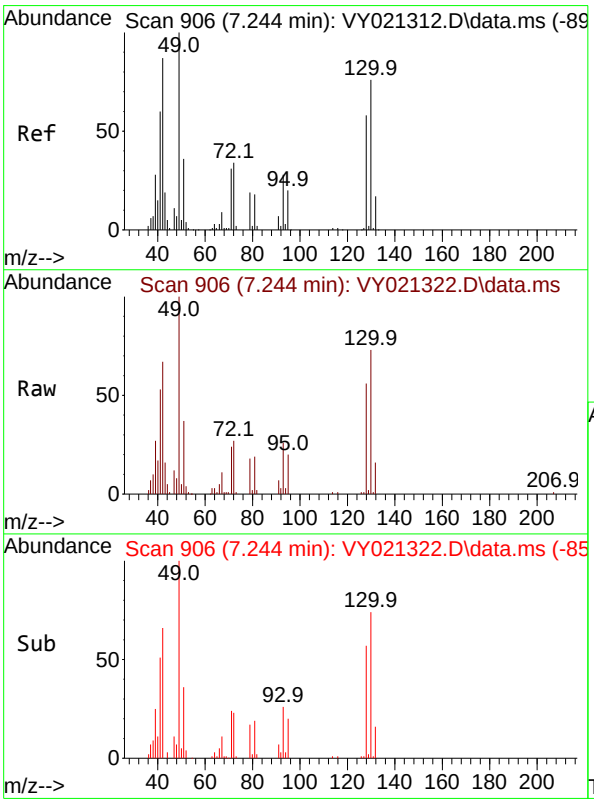
#27
cis-1,2-Dichloroethene
Concen: 19.204 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion: 96 Resp: 44795

Ion	Ratio	Lower	Upper
96	100		
61	155.5	0.0	308.0
98	65.6	0.0	129.6

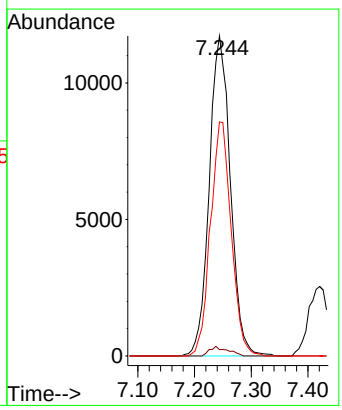


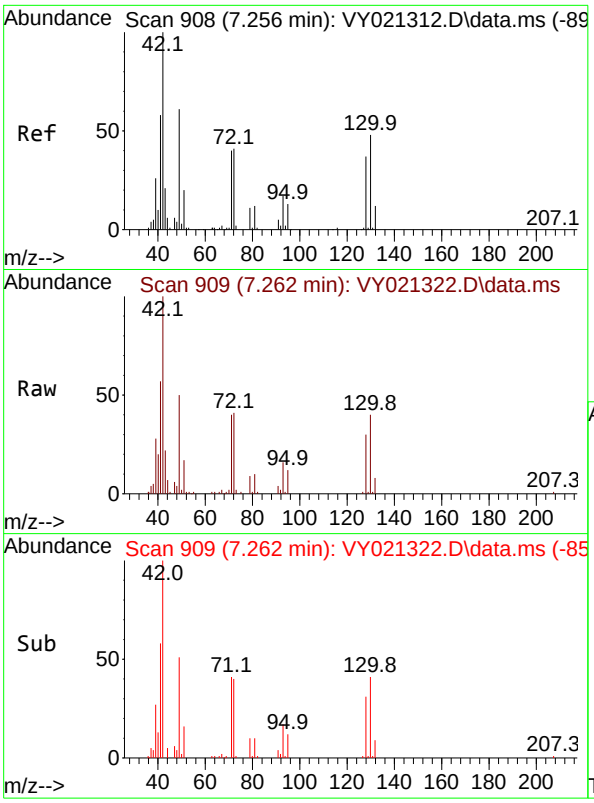


#28
Bromochloromethane
Concen: 17.864 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 49 Resp: 30330

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.0
130	71.7	57.8	86.6



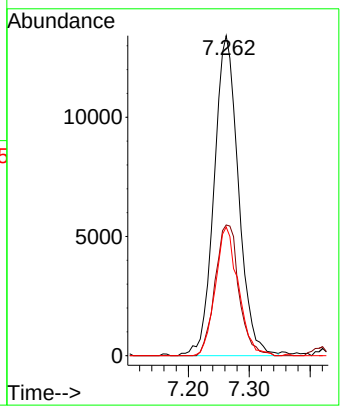


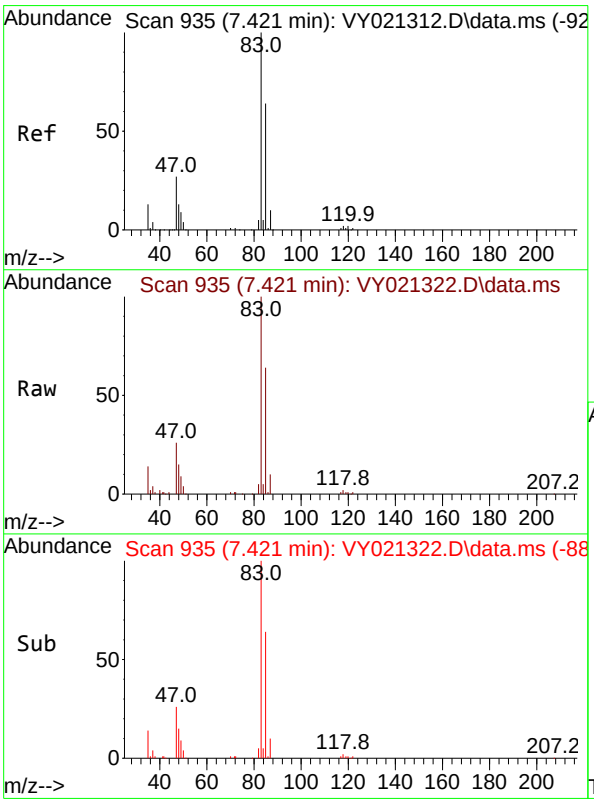
#29
Tetrahydrofuran
Concen: 94.152 ug/l
RT: 7.262 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion: 42 Resp: 37274

Ion	Ratio	Lower	Upper
42	100		
72	40.0	33.1	49.7
71	38.0	31.4	47.0

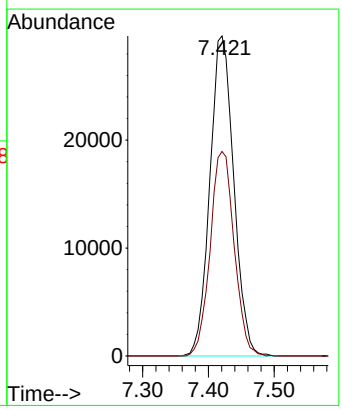


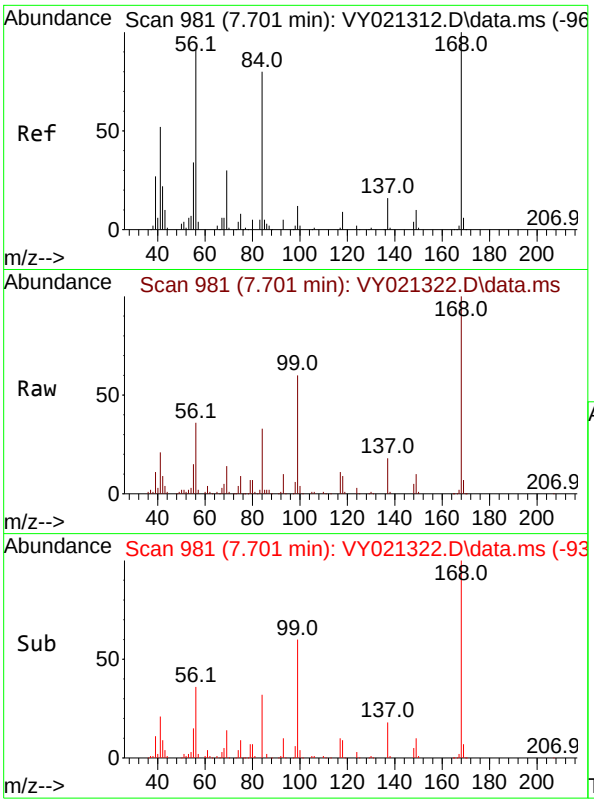


#30
Chloroform
Concen: 19.294 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 83 Resp: 75017

Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.6	77.4



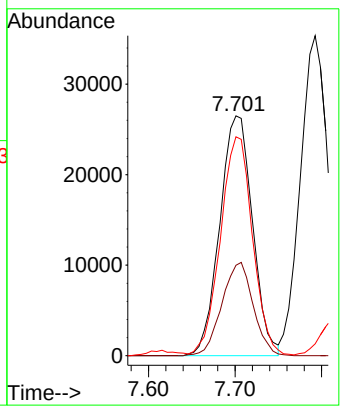


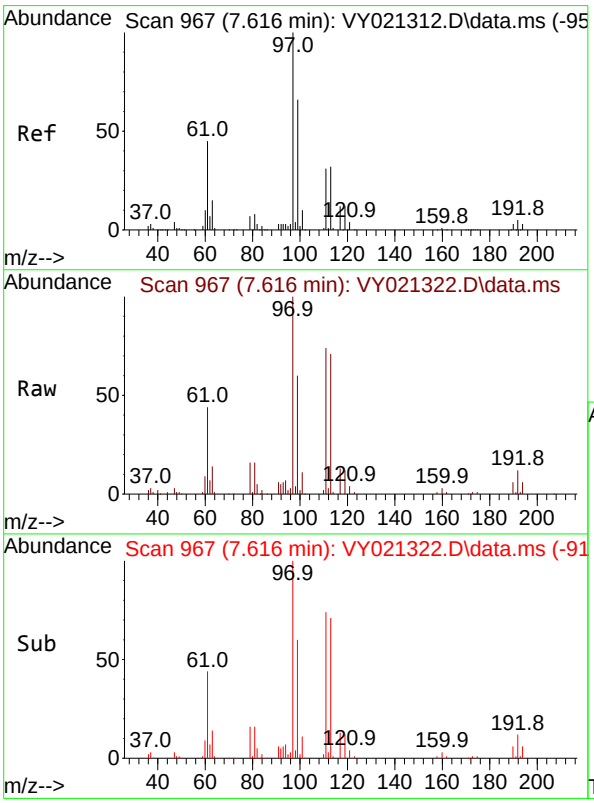
#31
Cyclohexane
Concen: 18.881 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion: 56 Resp: 69642

Ion	Ratio	Lower	Upper
56	100		
69	37.7	26.2	39.4
84	90.1	70.2	105.4

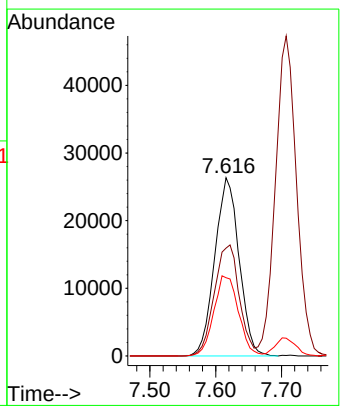


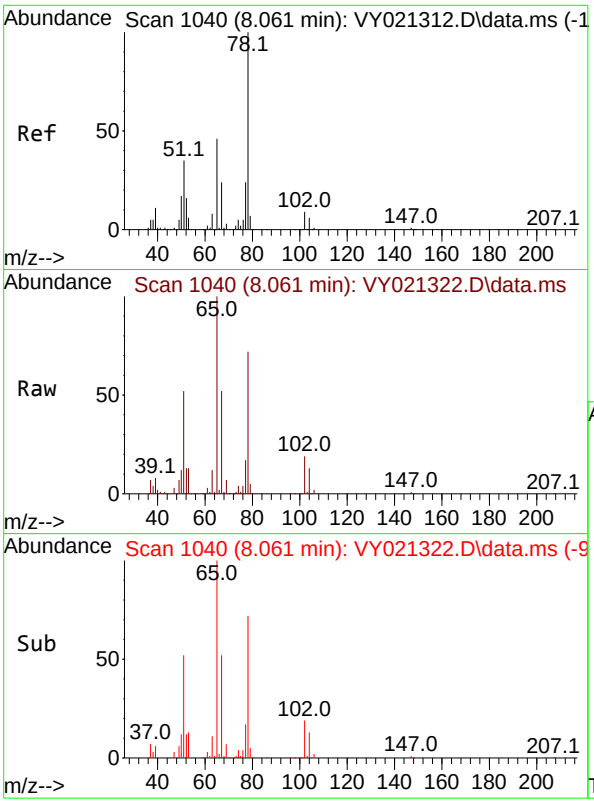


#32
1,1,1-Trichloroethane
Concen: 19.180 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 97 Resp: 67879

Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.4	78.6
61	45.6	36.2	54.2



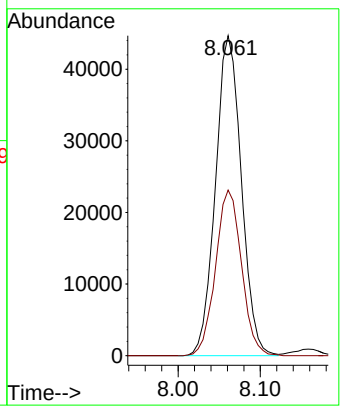


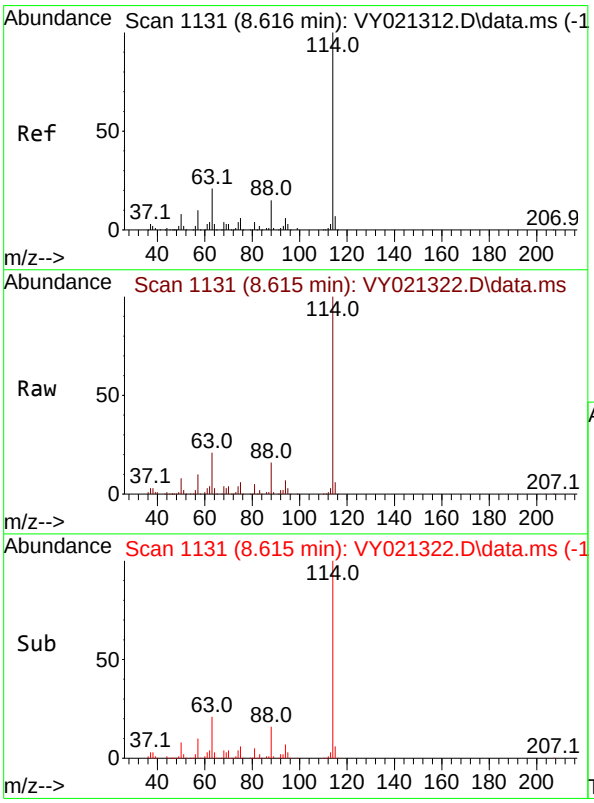
#33
1,2-Dichloroethane-d4
Concen: 46.693 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion: 65 Resp: 97685

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	103.6

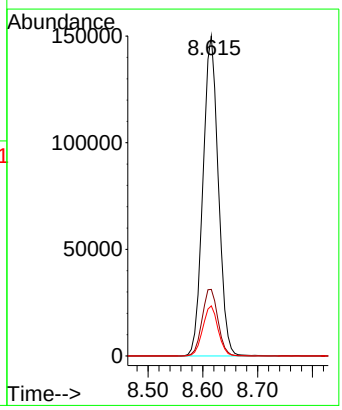


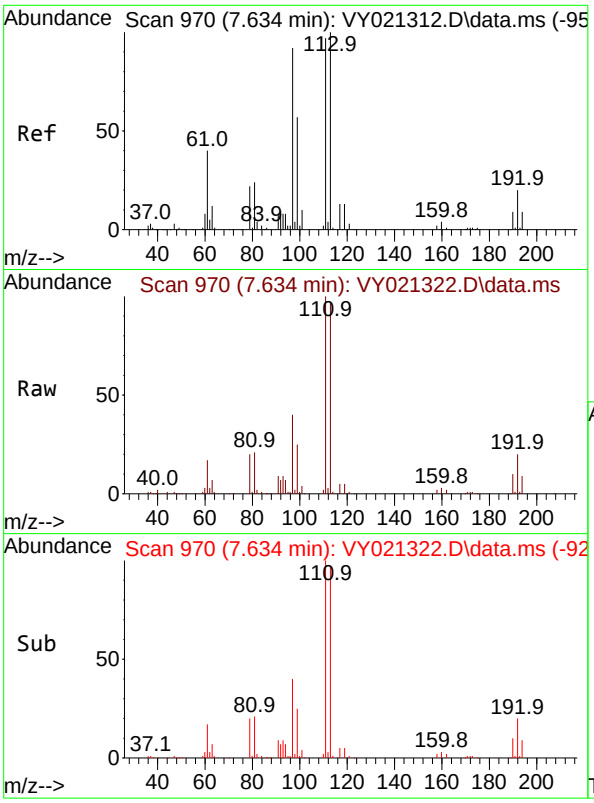


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:114 Resp: 291138

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	42.2
88	15.6	0.0	29.8



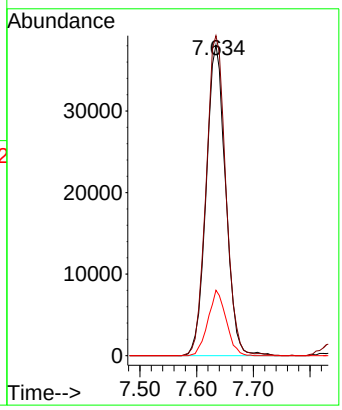


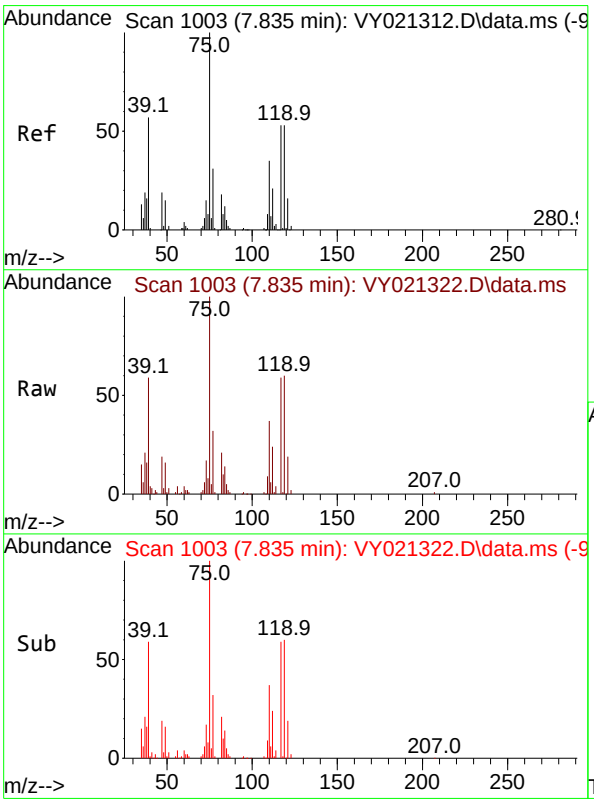
#35
Dibromofluoromethane
Concen: 47.410 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion:113 Resp: 90492

Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.0	121.6
192	19.8	15.8	23.8

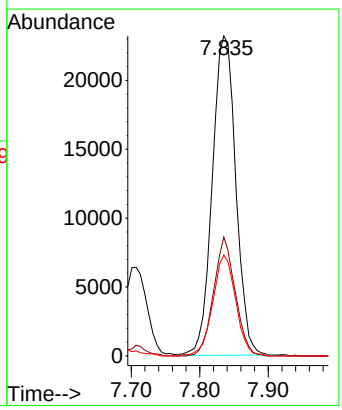


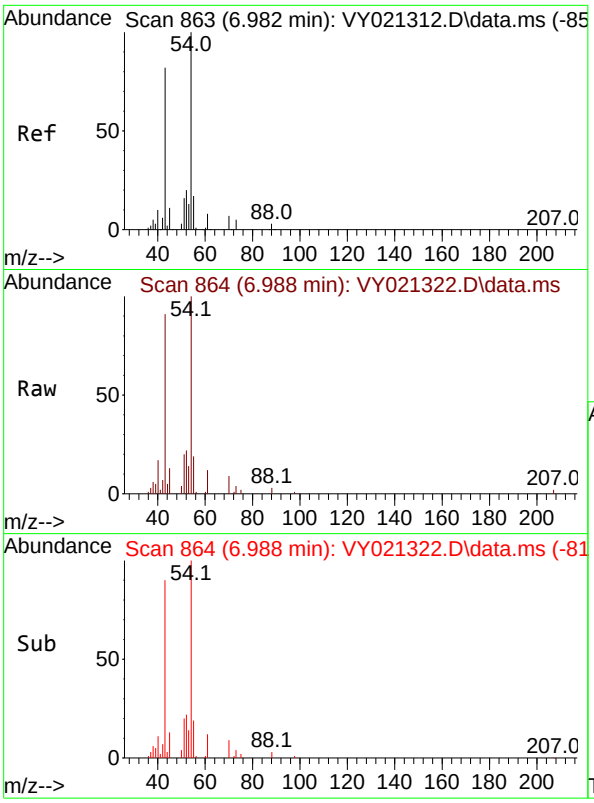


#36
1,1-Dichloropropene
Concen: 19.247 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 75 Resp: 55184

Ion	Ratio	Lower	Upper
75	100		
110	34.2	16.9	50.7
77	30.8	24.6	36.8



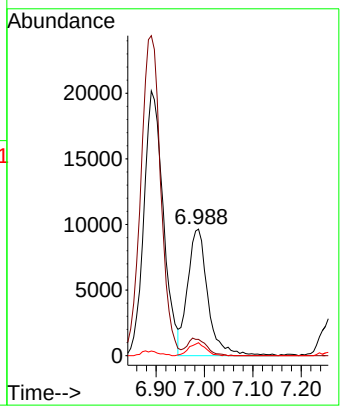


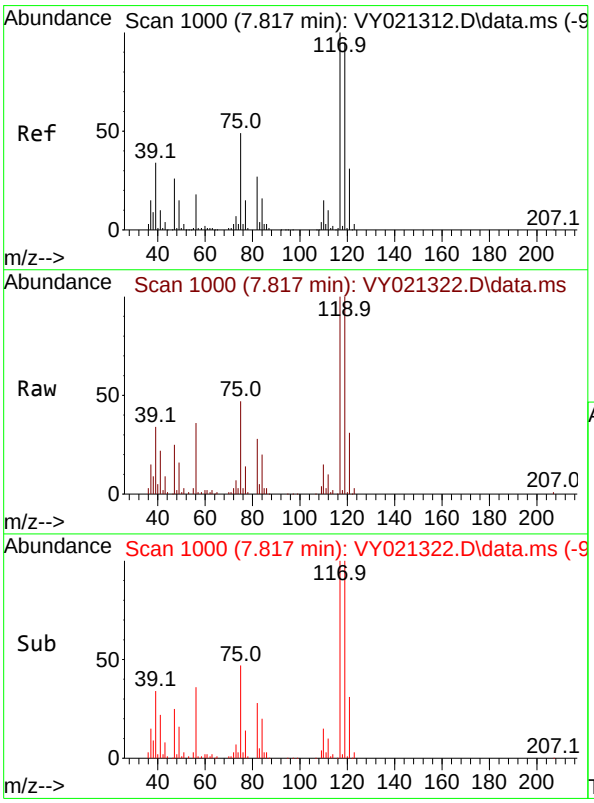
#37
Ethyl Acetate
Concen: 19.657 ug/l
RT: 6.988 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion: 43 Resp: 28035

Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.4	15.6
70	8.5	7.5	11.3

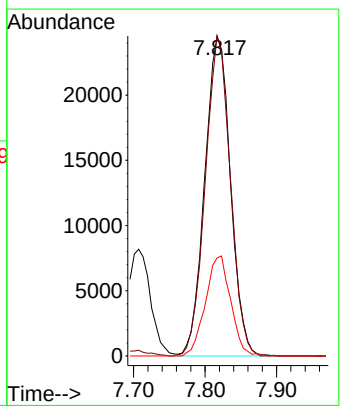


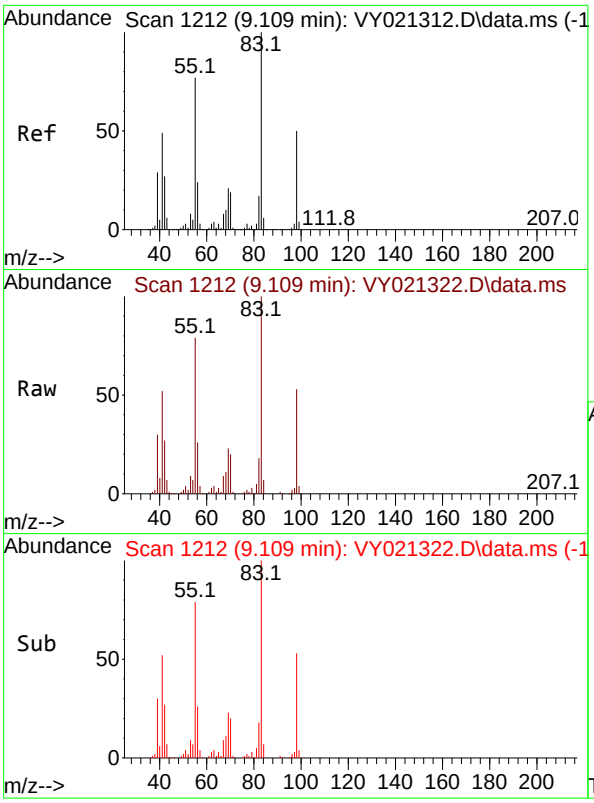


#38
Carbon Tetrachloride
Concen: 18.991 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:117 Resp: 61214

Ion	Ratio	Lower	Upper
117	100		
119	100.1	76.0	114.0
121	30.7	24.9	37.3



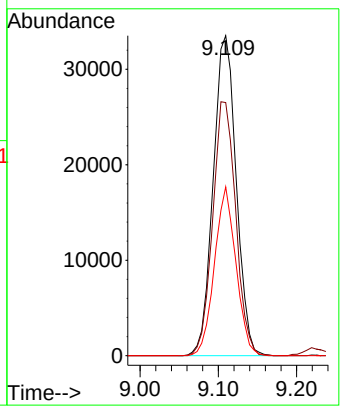


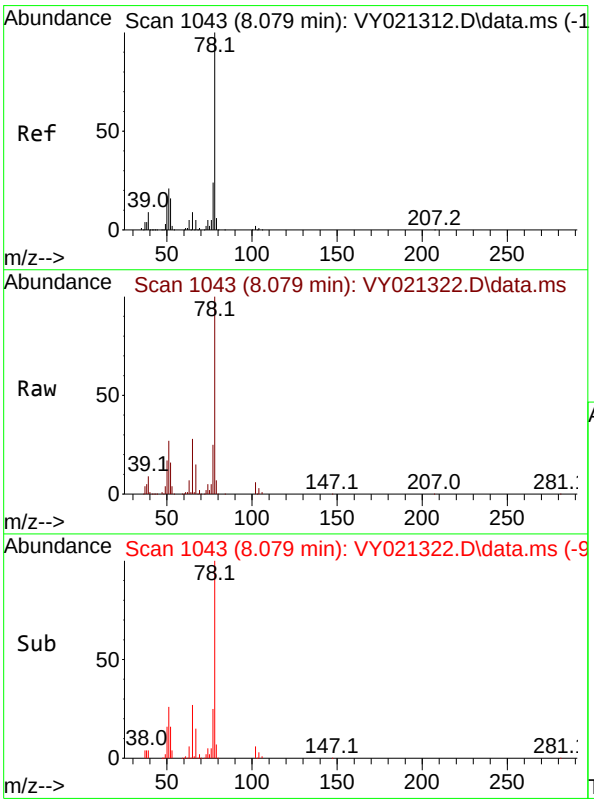
#39
Methylcyclohexane
Concen: 18.897 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion: 83 Resp: 68527

Ion	Ratio	Lower	Upper
83	100		
55	79.1	61.3	91.9
98	52.7	39.9	59.9

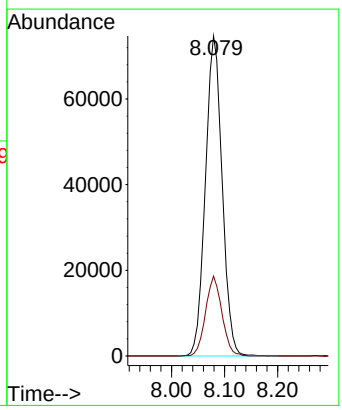


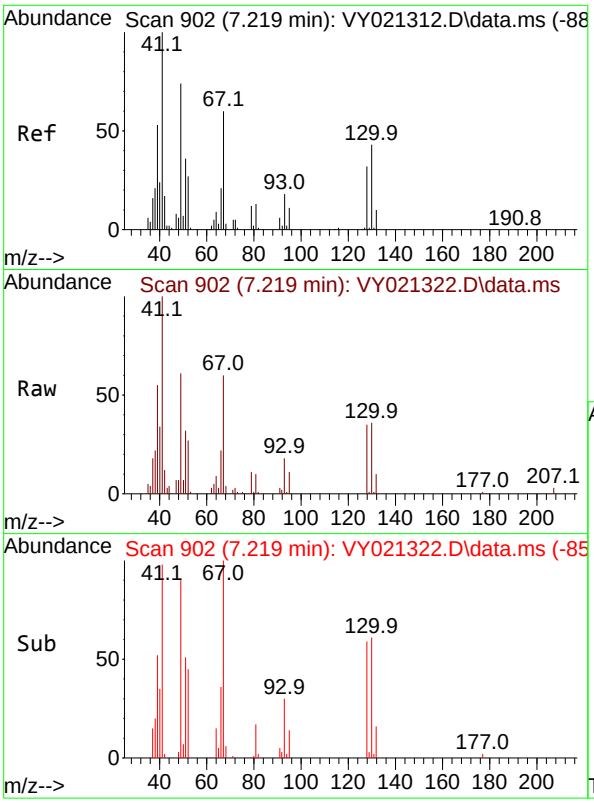


#40
Benzene
Concen: 19.308 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 78 Resp: 163641

Ion	Ratio	Lower	Upper
78	100		
77	25.0	19.2	28.8



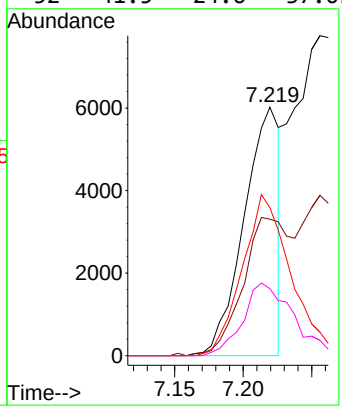


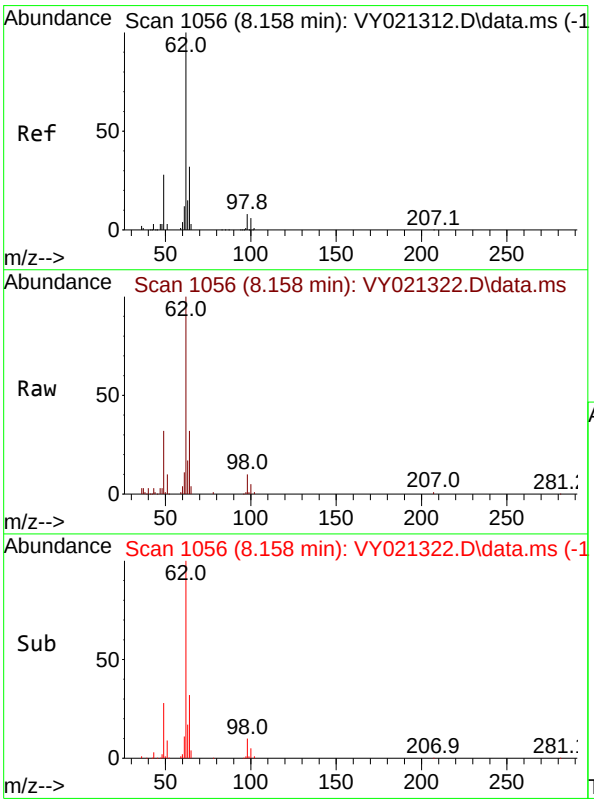
#41
Methacrylonitrile
Concen: 13.653 ug/l
RT: 7.219 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion: 41 Resp: 10887

Ion	Ratio	Lower	Upper
41	100		
39	77.0	42.3	63.5#
67	88.9	54.8	82.2#
52	41.5	24.6	37.0#

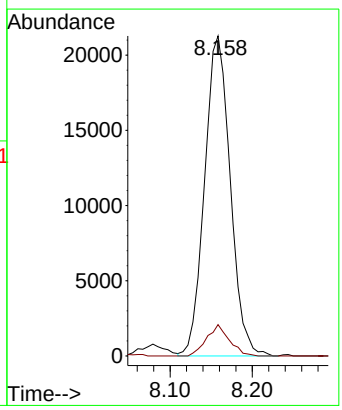


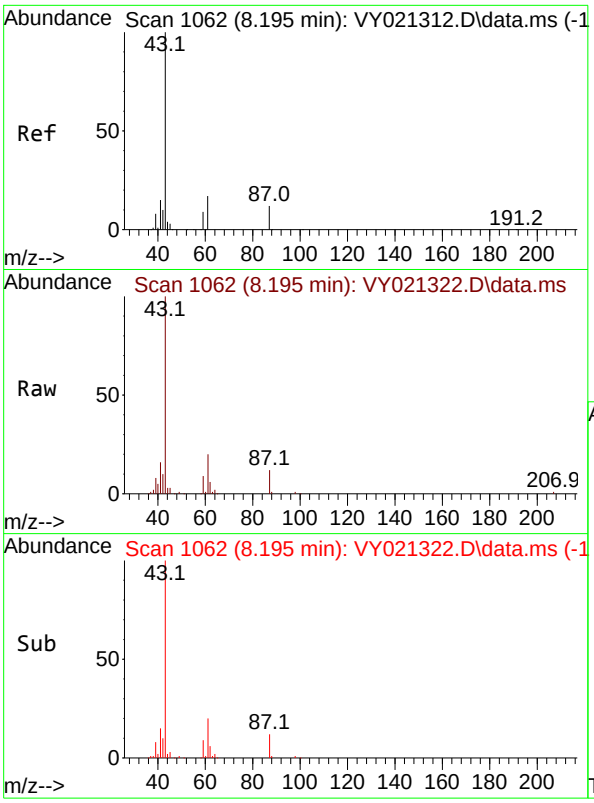


#42
1,2-Dichloroethane
Concen: 19.193 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 62 Resp: 46152

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.6



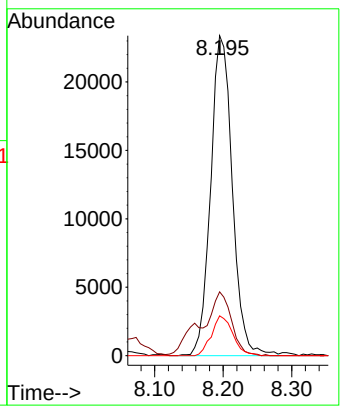


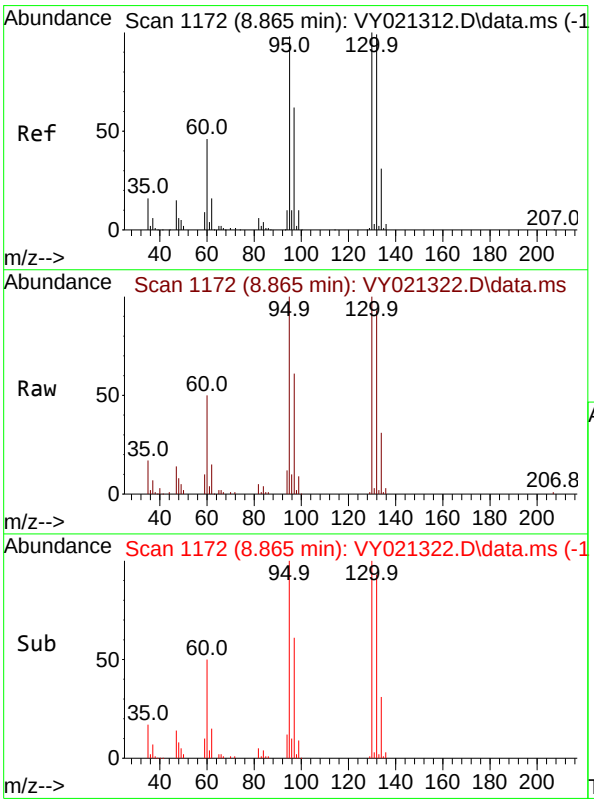
#43
Isopropyl Acetate
Concen: 18.626 ug/l
RT: 8.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion: 43 Resp: 51417

Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.0	22.6
87	12.2	10.0	15.0

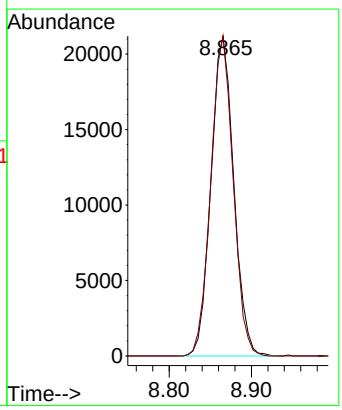


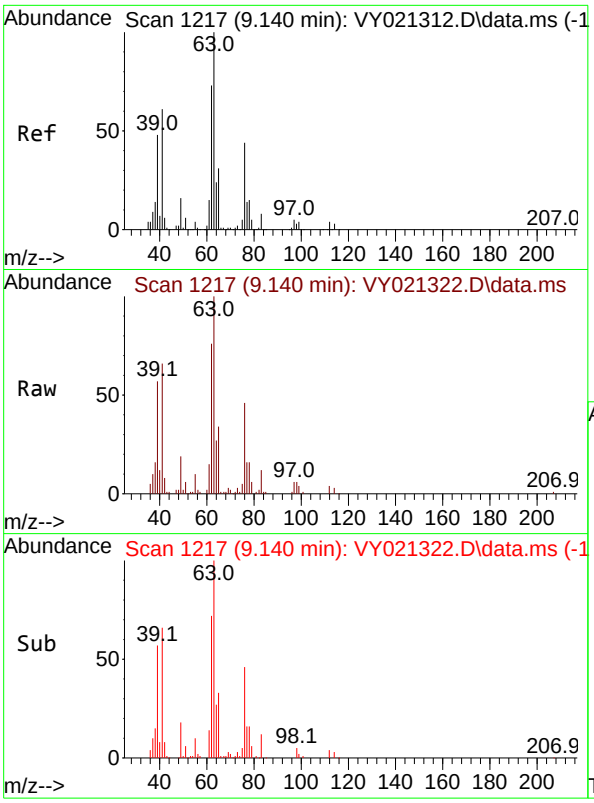


#44
Trichloroethene
Concen: 19.214 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:130 Resp: 40770

Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	196.0



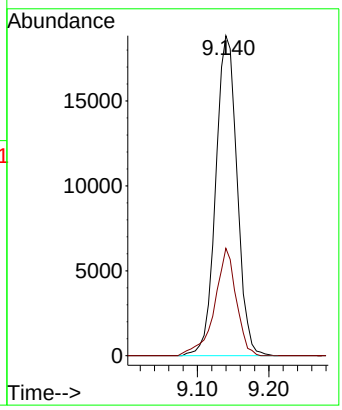


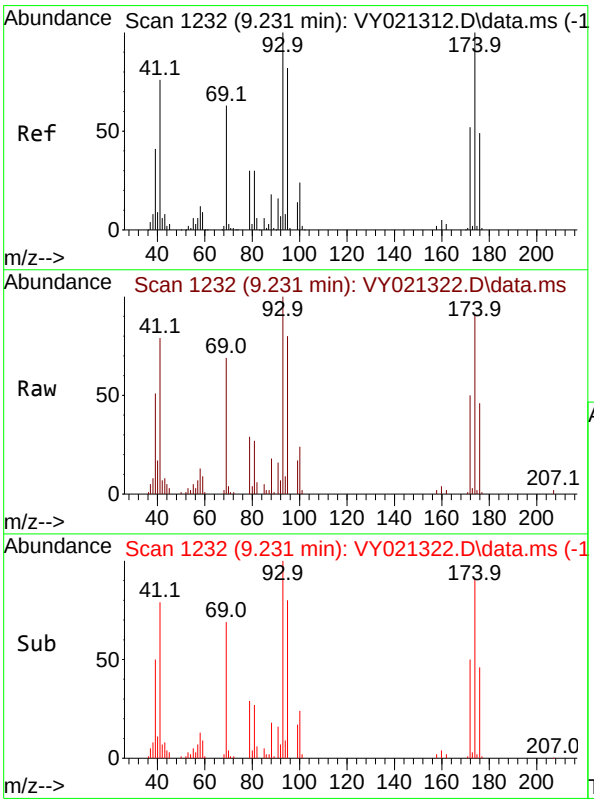
#45
1,2-Dichloropropane
Concen: 19.139 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion: 63 Resp: 39037

Ion	Ratio	Lower	Upper
63	100		
65	33.5	24.6	36.8

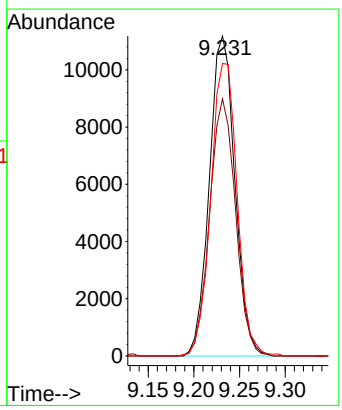


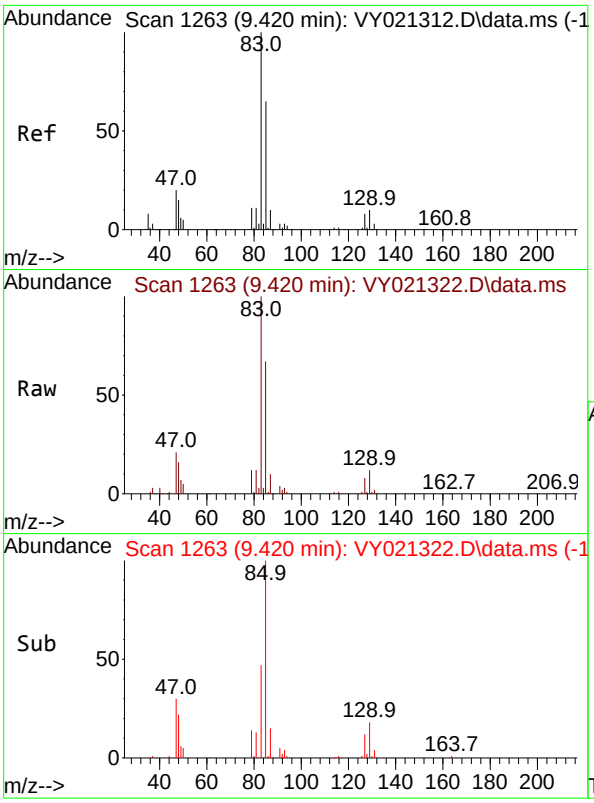


#46
Dibromomethane
Concen: 19.549 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 93 Resp: 21795

Ion	Ratio	Lower	Upper
93	100		
95	81.2	66.4	99.6
174	94.2	78.2	117.2



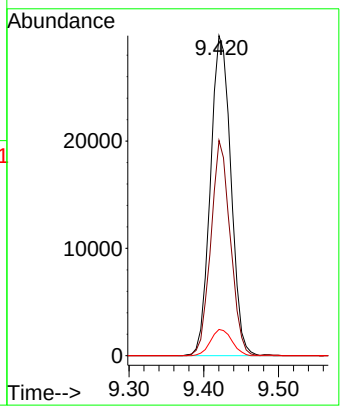


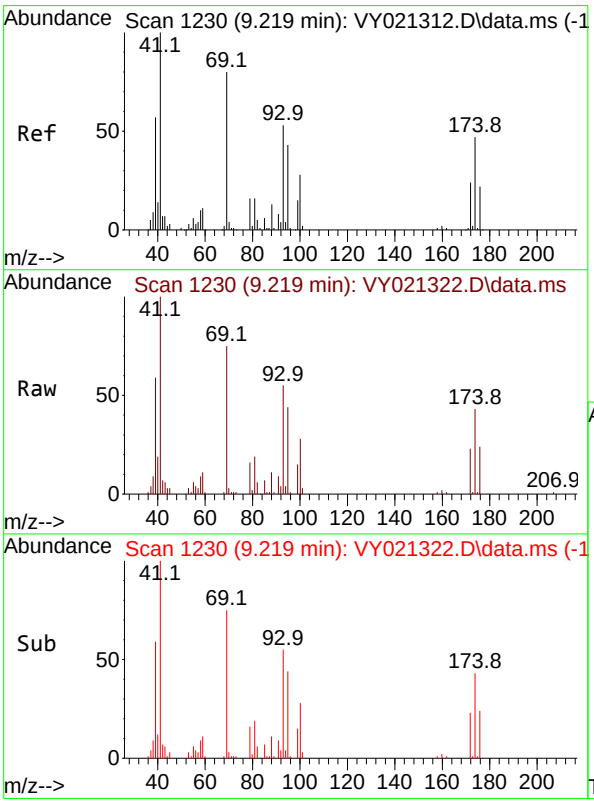
#47
Bromodichloromethane
Concen: 19.056 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion: 83 Resp: 56650

Ion	Ratio	Lower	Upper
83	100		
85	67.3	51.8	77.8
127	8.2	6.7	10.1

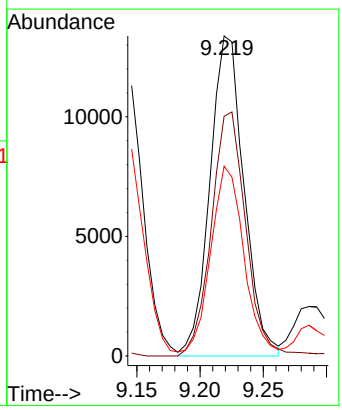


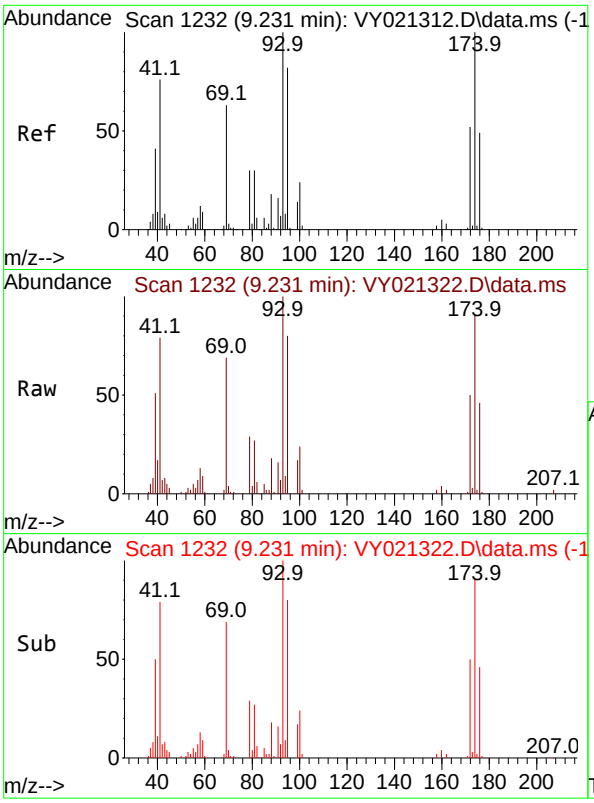


#48
Methyl methacrylate
Concen: 19.377 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 41 Resp: 25014

Ion	Ratio	Lower	Upper
41	100		
69	77.6	63.3	94.9
39	55.5	45.0	67.6



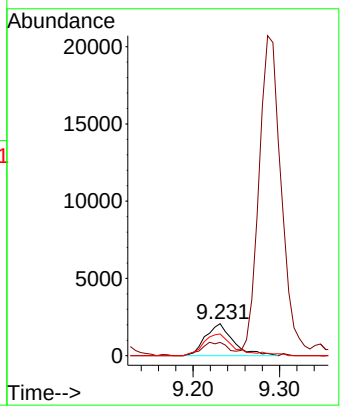


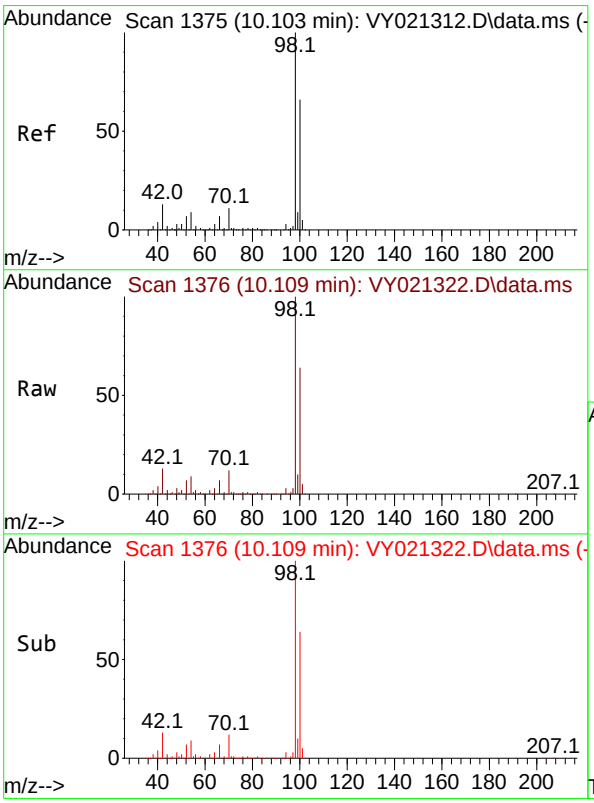
#49
1,4-Dioxane
Concen: 369.128 ug/l
RT: 9.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion: 88 Resp: 4576

Ion	Ratio	Lower	Upper
88	100		
43	40.2	34.8	52.2
58	76.9	59.8	89.6

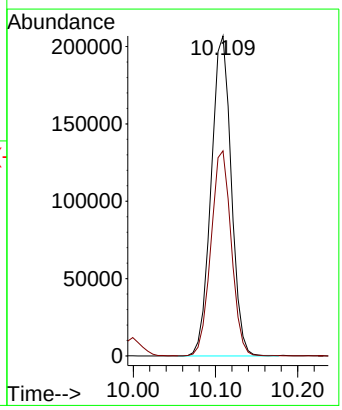


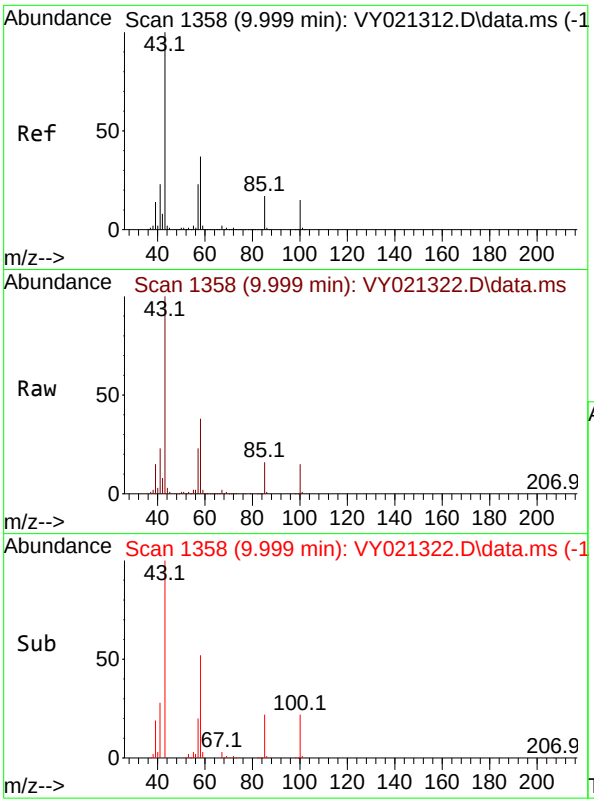


#50
Toluene-d8
Concen: 47.609 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 98 Resp: 351200

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.4	78.6



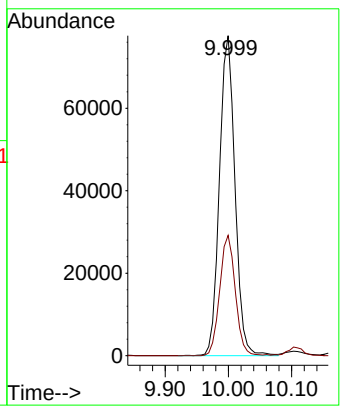


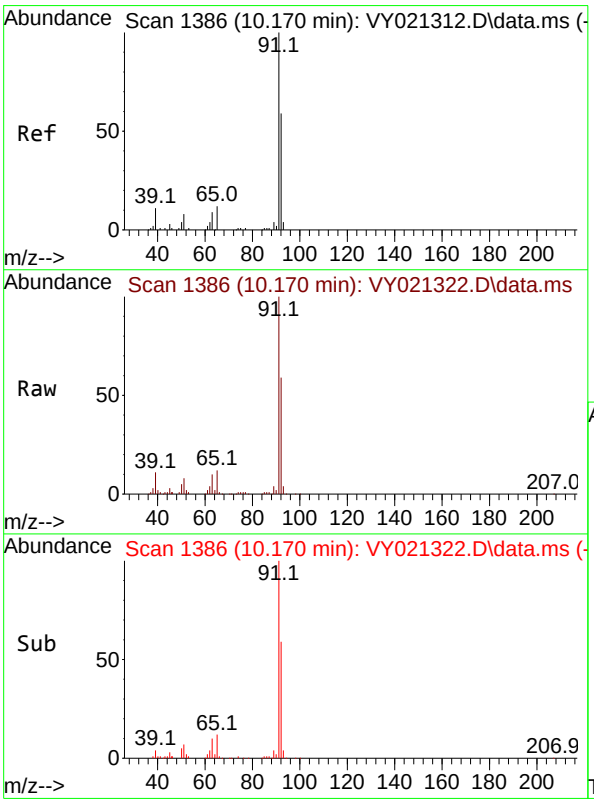
#51
4-Methyl-2-Pentanone
Concen: 93.298 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion: 43 Resp: 131838

Ion	Ratio	Lower	Upper
43	100		
58	37.7	30.1	45.1

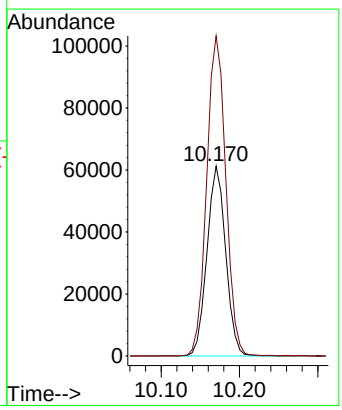


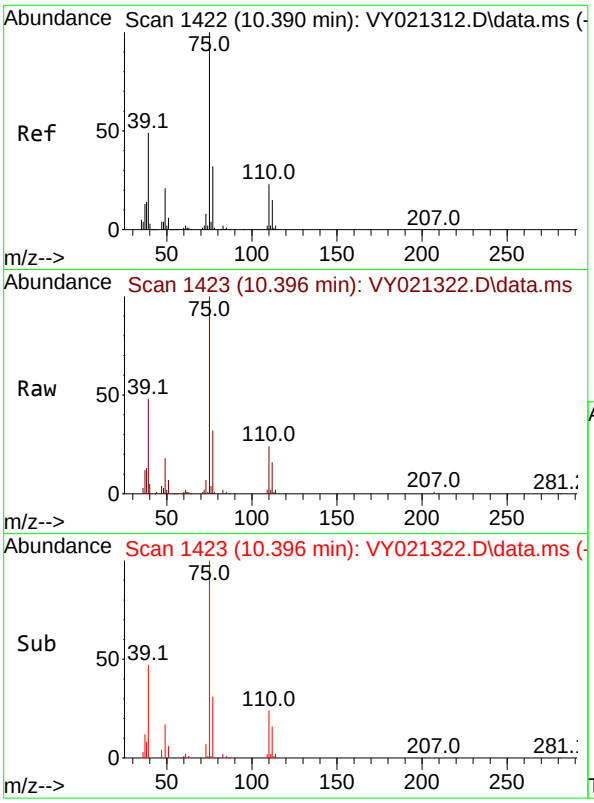


#52
Toluene
Concen: 19.255 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 92 Resp: 101381

Ion	Ratio	Lower	Upper
92	100		
91	172.7	137.8	206.8



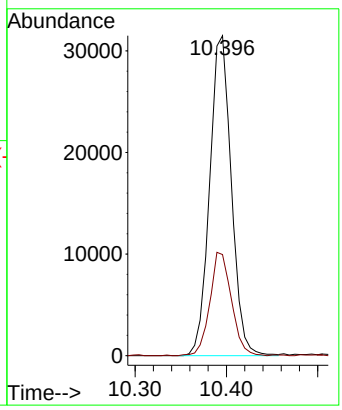


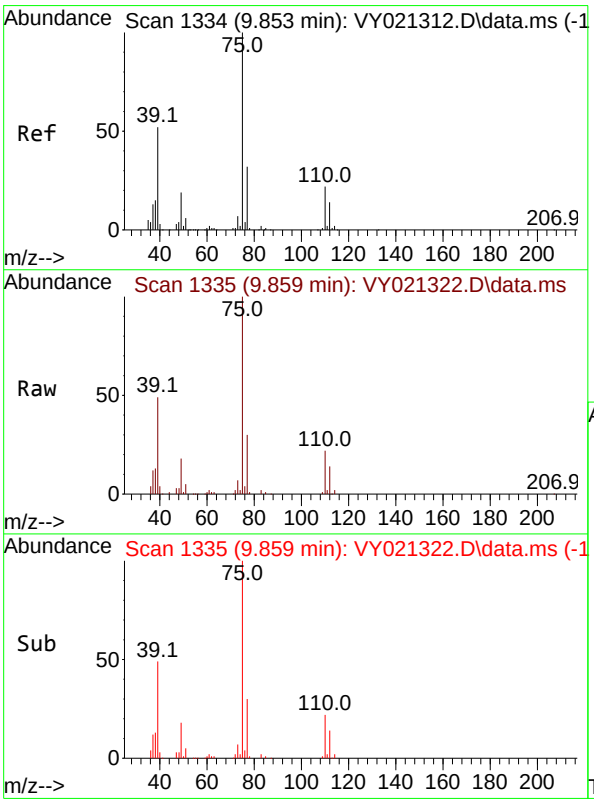
#53
t-1,3-Dichloropropene
Concen: 19.034 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion: 75 Resp: 51842

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.3	37.9

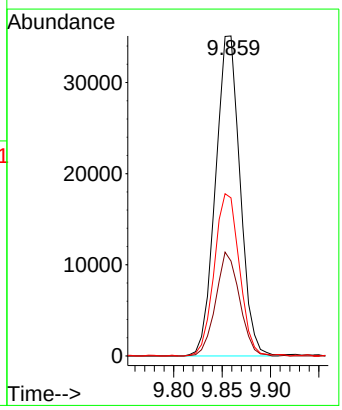


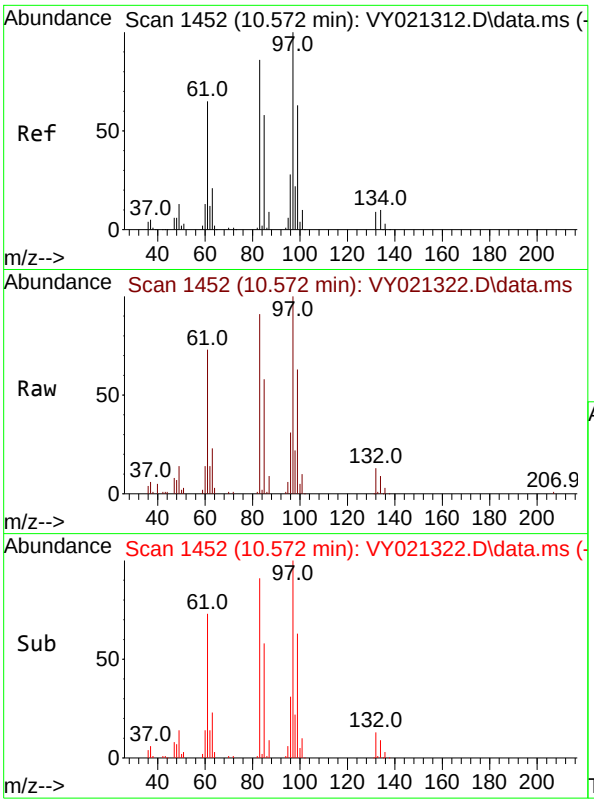


#54
cis-1,3-Dichloropropene
Concen: 19.278 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 75 Resp: 61986

Ion	Ratio	Lower	Upper
75	100		
77	29.7	25.7	38.5
39	49.4	41.8	62.6



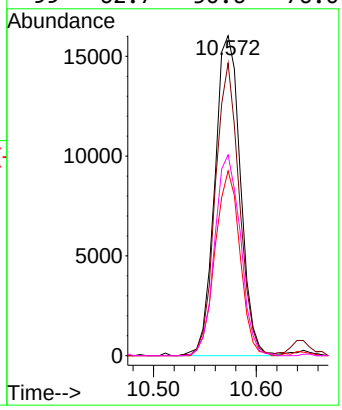


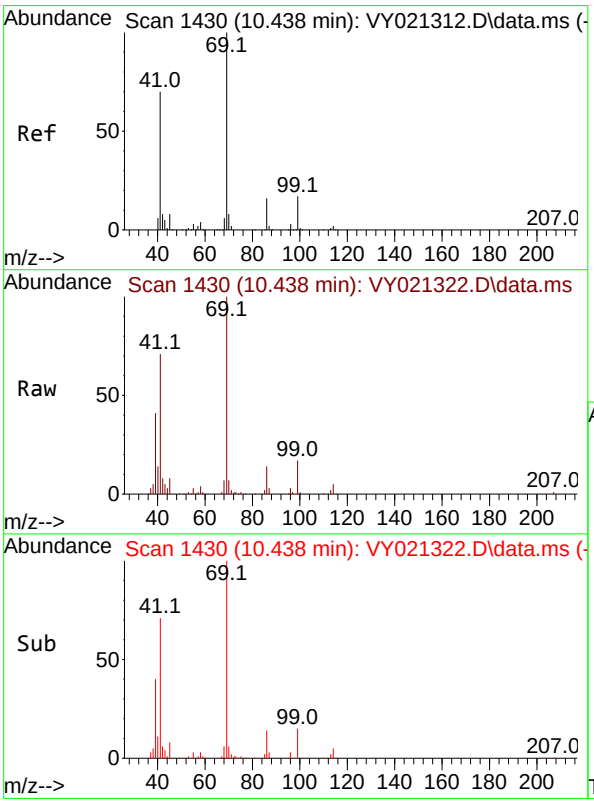
#55
1,1,2-Trichloroethane
Concen: 19.099 ug/l
RT: 10.572 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion: 97 Resp: 27740

Ion	Ratio	Lower	Upper
97	100		
83	91.5	68.7	103.1
85	57.8	46.3	69.5
99	62.7	50.6	76.0

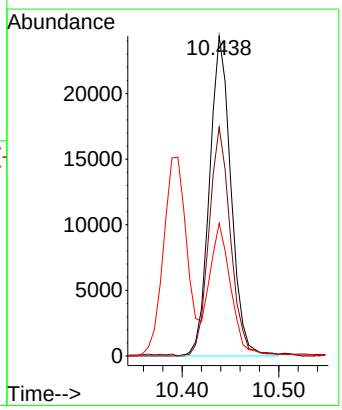


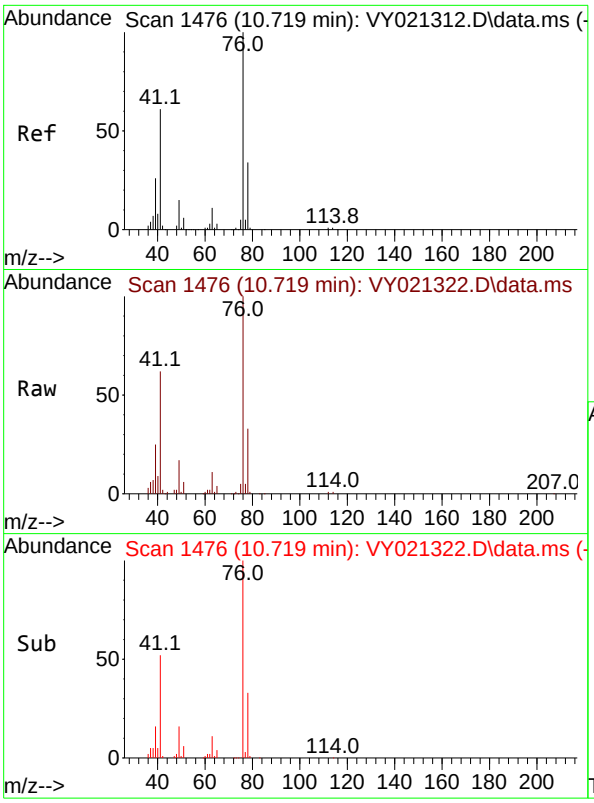


#56
Ethyl methacrylate
Concen: 18.751 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 69 Resp: 37632

Ion	Ratio	Lower	Upper
69	100		
41	72.0	56.2	84.4
39	40.8	32.7	49.1



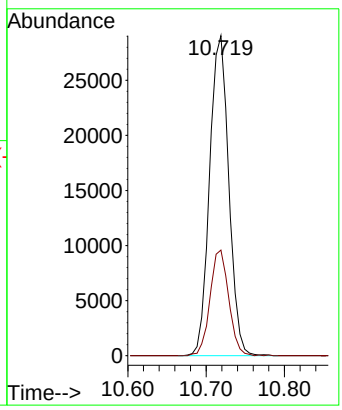


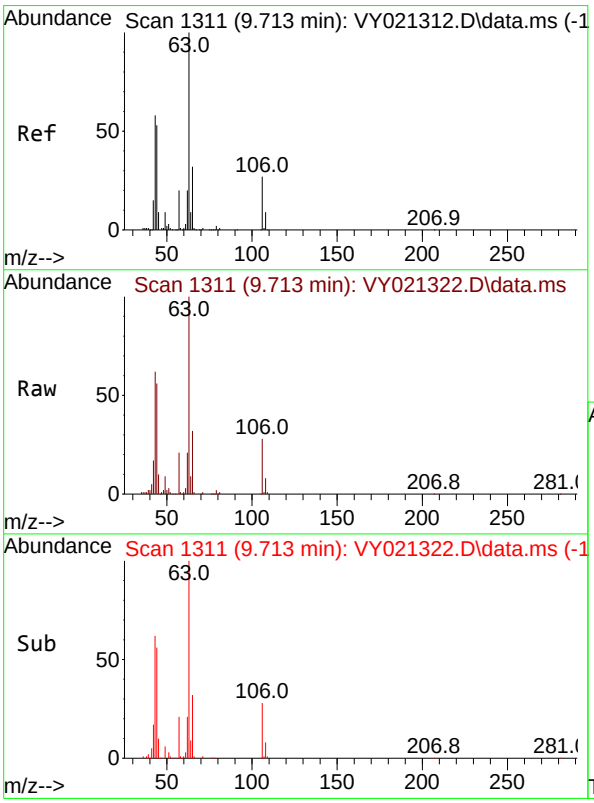
#57
1,3-Dichloropropane
Concen: 19.380 ug/l
RT: 10.719 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion: 76 Resp: 49393

Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.9	38.9

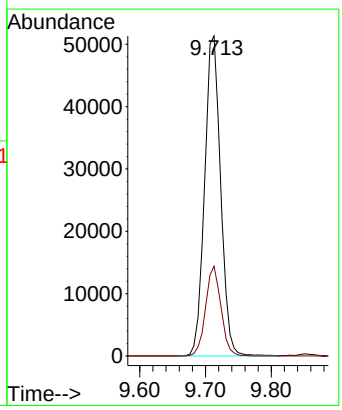


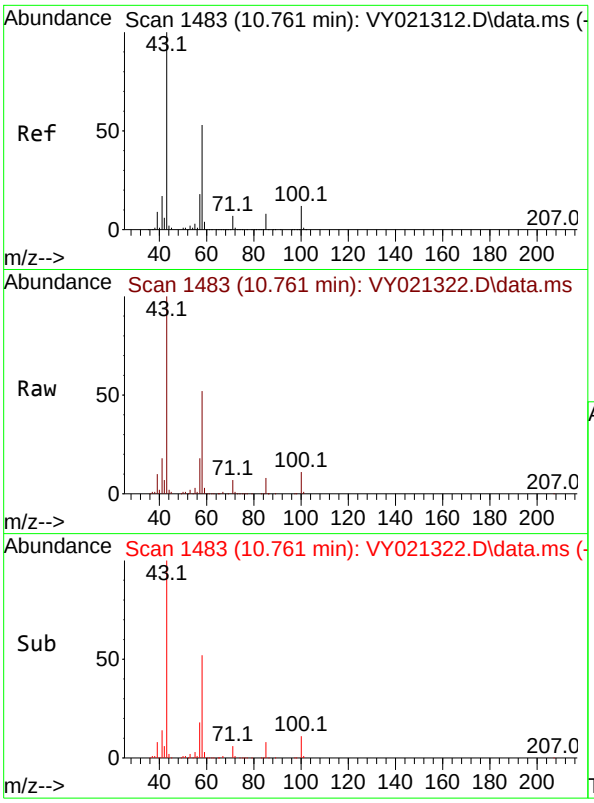


#58
2-Chloroethyl Vinyl ether
Concen: 90.414 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 63 Resp: 87093

Ion	Ratio	Lower	Upper
63	100		
106	26.9	21.7	32.5



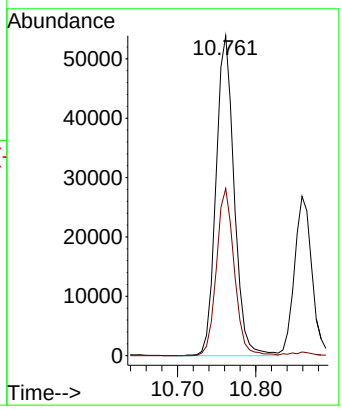


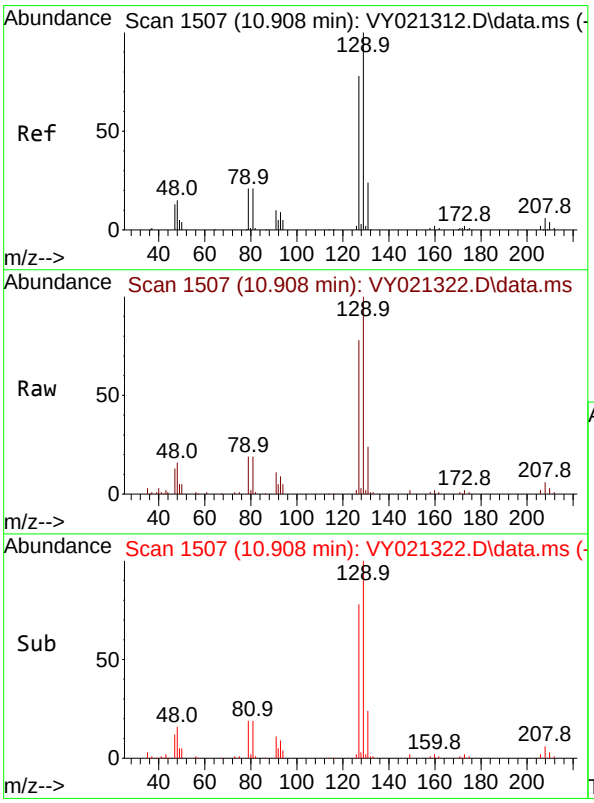
#59
2-Hexanone
Concen: 93.755 ug/l
RT: 10.761 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion: 43 Resp: 87008

Ion	Ratio	Lower	Upper
43	100		
58	51.2	25.9	77.6

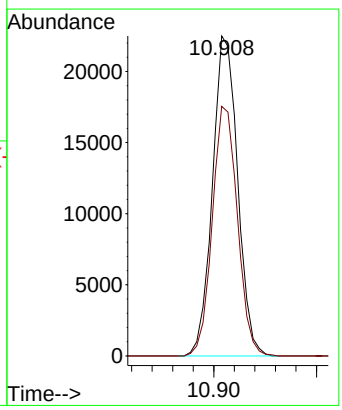


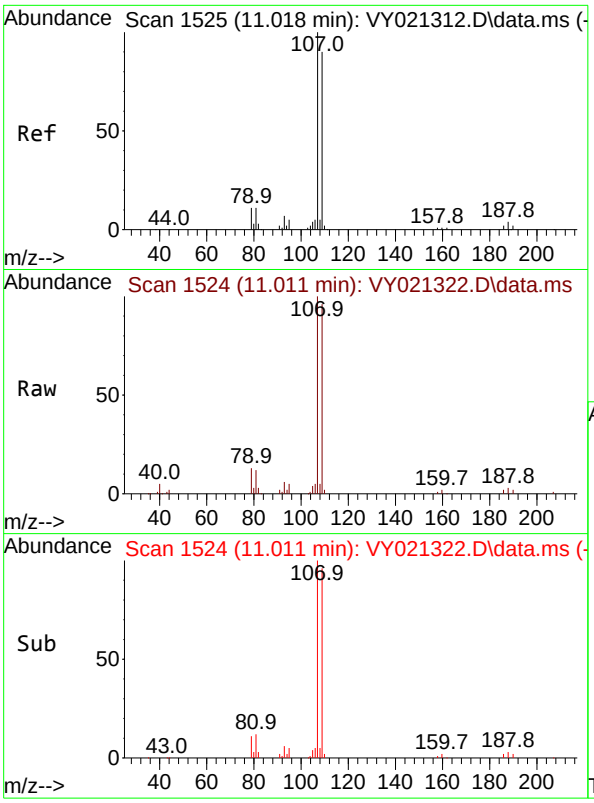


#60
Dibromochloromethane
Concen: 19.318 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:129 Resp: 38212

Ion	Ratio	Lower	Upper
129	100		
127	77.9	38.8	116.4



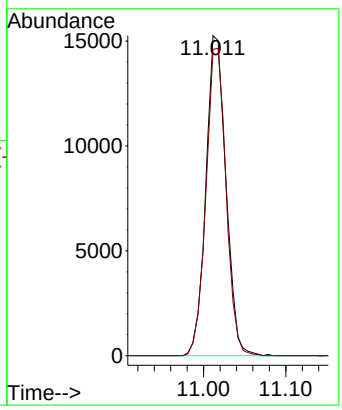


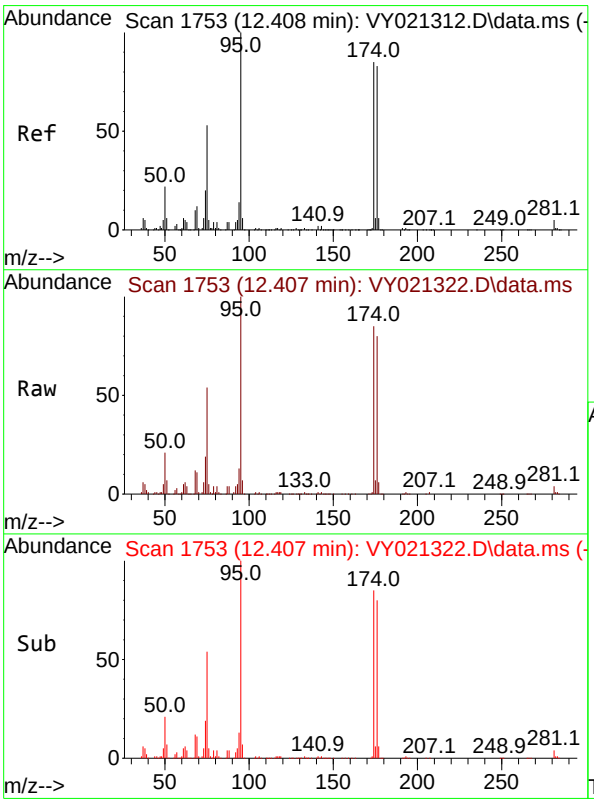
#61
1,2-Dibromoethane
Concen: 18.799 ug/l
RT: 11.011 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion:107 Resp: 25849

Ion	Ratio	Lower	Upper
107	100		
109	96.2	73.8	110.8

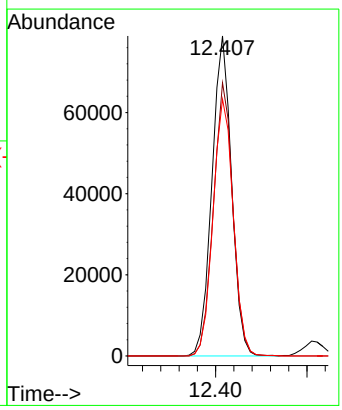


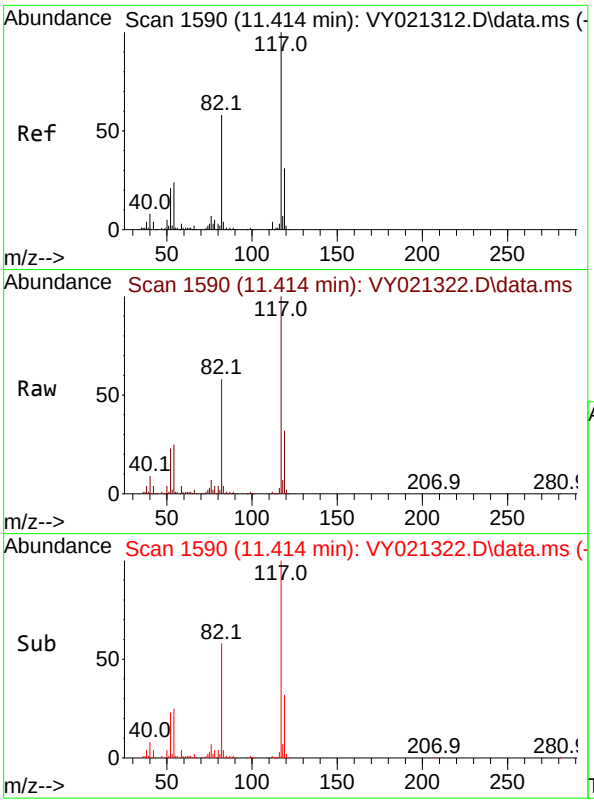


#62
4-Bromofluorobenzene
Concen: 47.291 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 95 Resp: 117404

Ion	Ratio	Lower	Upper
95	100		
174	85.1	0.0	168.0
176	82.9	0.0	162.6



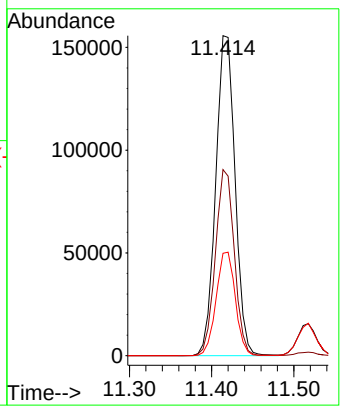


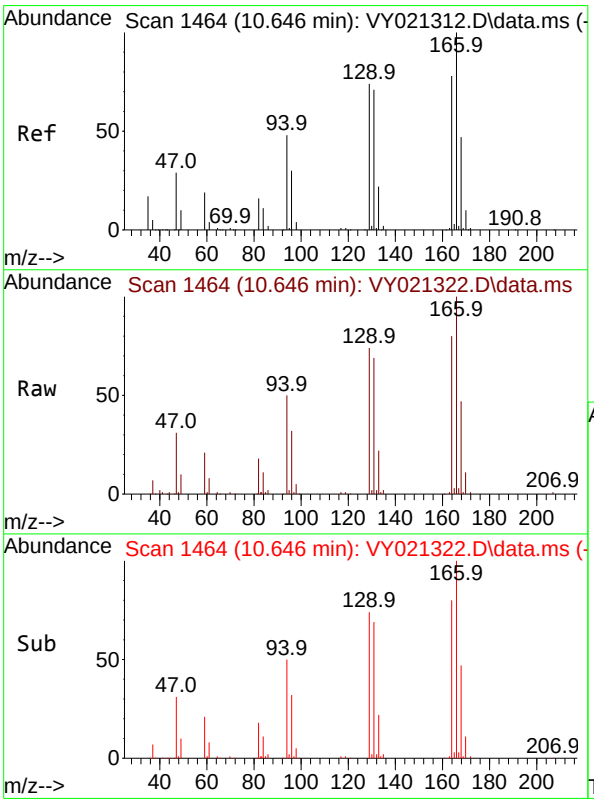
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion:117 Resp: 254891

Ion	Ratio	Lower	Upper
117	100		
82	58.2	46.2	69.4
119	32.0	24.9	37.3

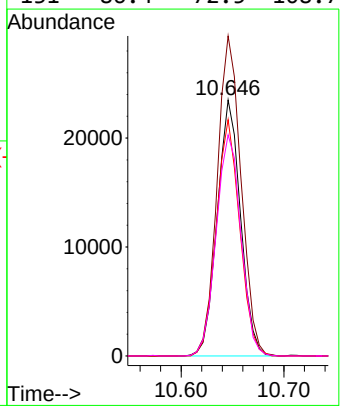


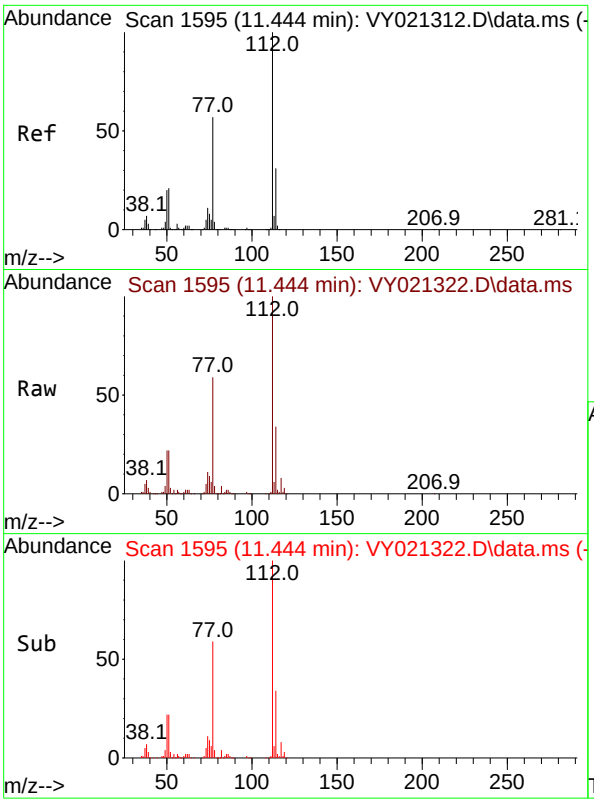


#64
Tetrachloroethene
Concen: 19.197 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:164 Resp: 36984

Ion	Ratio	Lower	Upper
164	100		
166	125.0	101.9	152.9
129	92.3	75.5	113.3
131	86.4	72.5	108.7



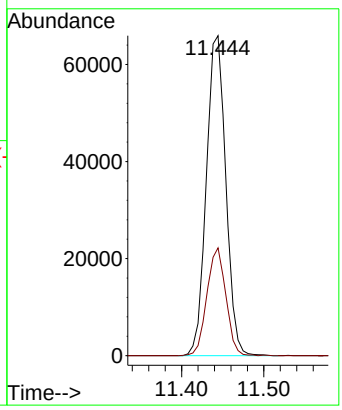


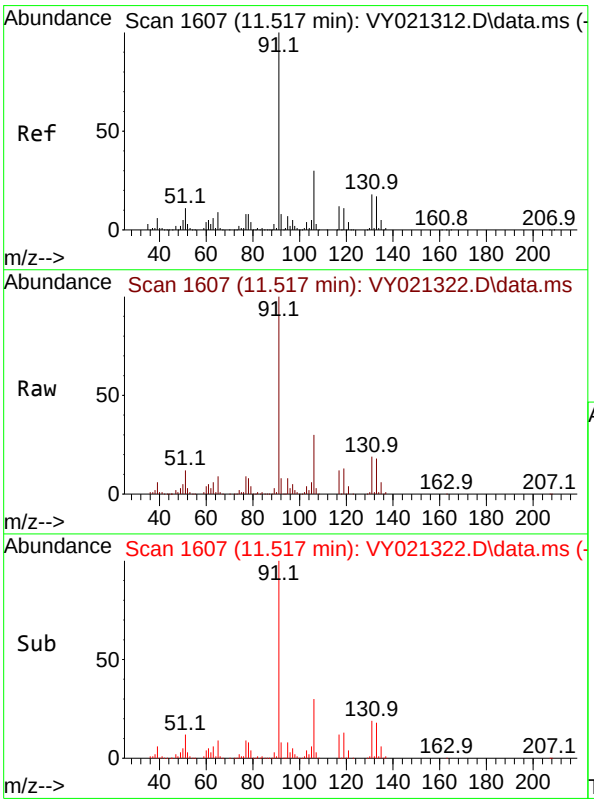
#65
Chlorobenzene
Concen: 18.977 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion:112 Resp: 108578

Ion	Ratio	Lower	Upper
112	100		
114	33.7	25.0	37.6

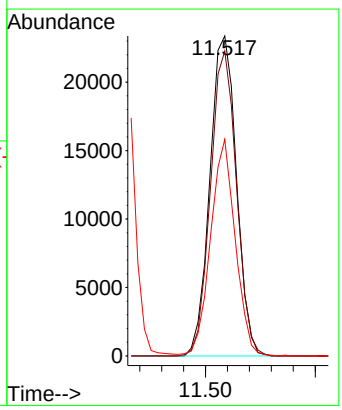


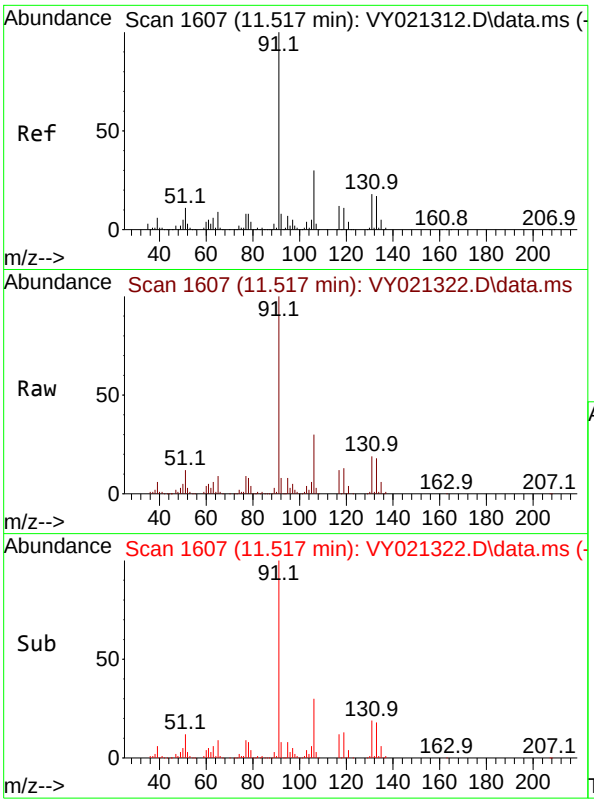


#66
1,1,1,2-Tetrachloroethane
Concen: 19.617 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:131 Resp: 39302

Ion	Ratio	Lower	Upper
131	100		
133	93.3	47.9	143.6
119	63.0	31.7	95.1



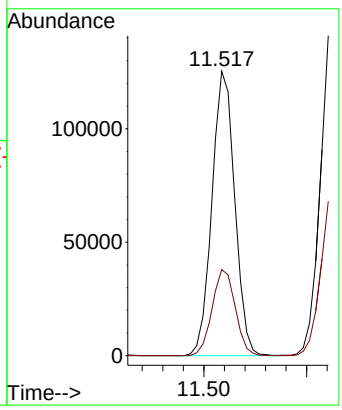


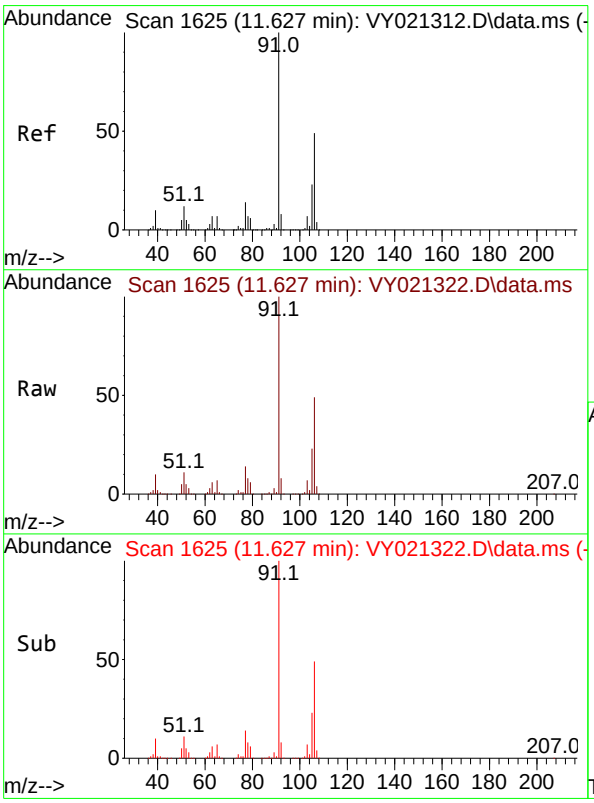
#67
Ethyl Benzene
Concen: 19.003 ug/l
RT: 11.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion: 91 Resp: 192592

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.4	36.6

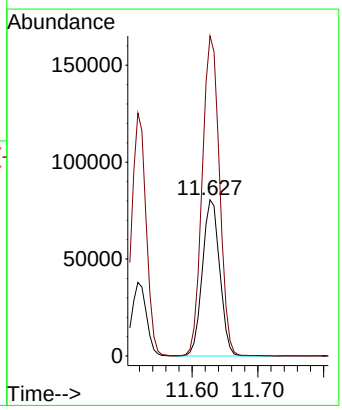


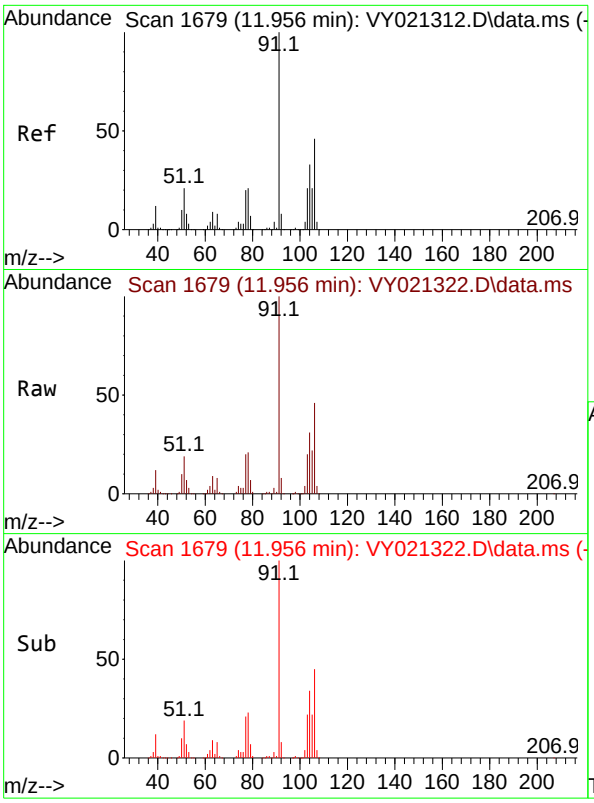


#68
m/p-Xylenes
Concen: 38.806 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:106 Resp: 147929

Ion	Ratio	Lower	Upper
106	100		
91	204.3	163.9	245.9



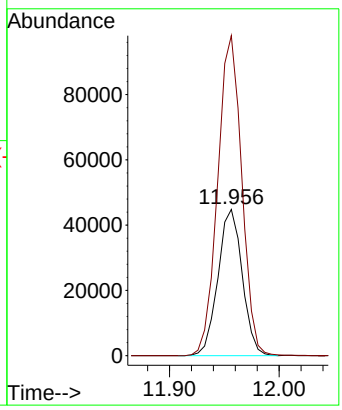


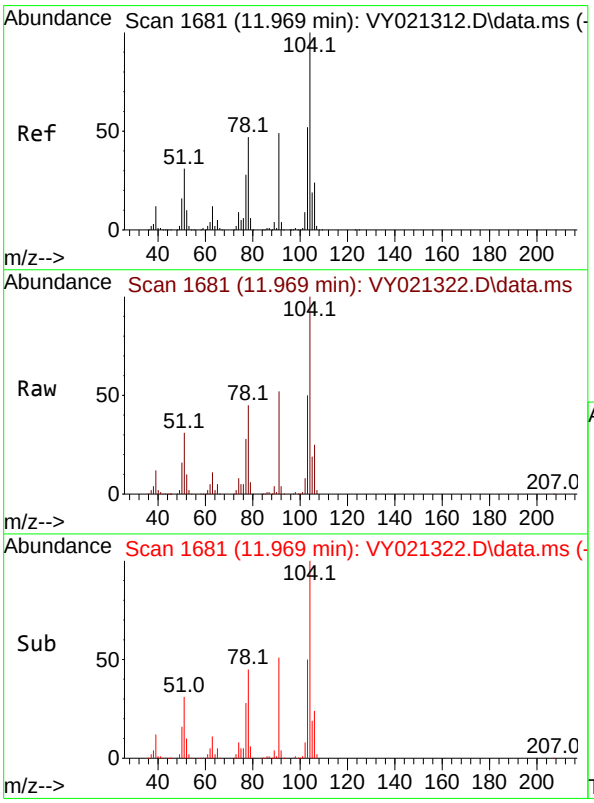
#69
o-Xylene
Concen: 19.342 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion:106 Resp: 69071

Ion	Ratio	Lower	Upper
106	100		
91	217.1	108.1	324.2

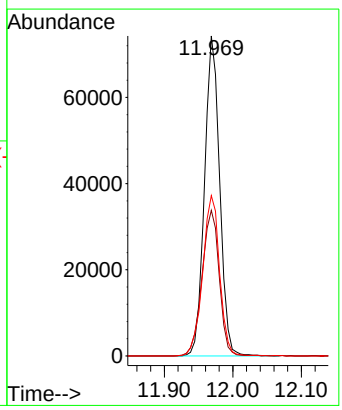


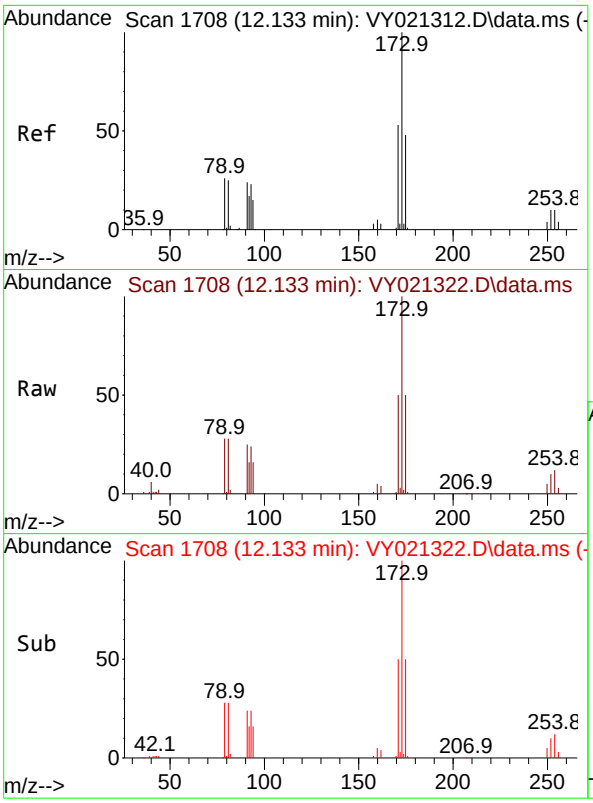


#70
Styrene
Concen: 19.262 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:104 Resp: 114447

Ion	Ratio	Lower	Upper
104	100		
78	51.6	41.3	61.9
103	55.8	43.9	65.9



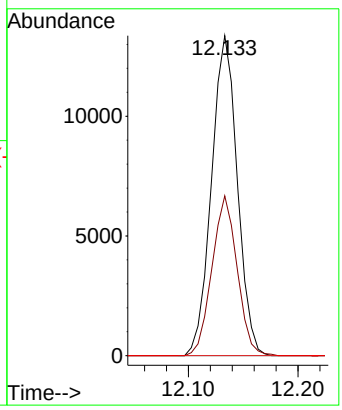


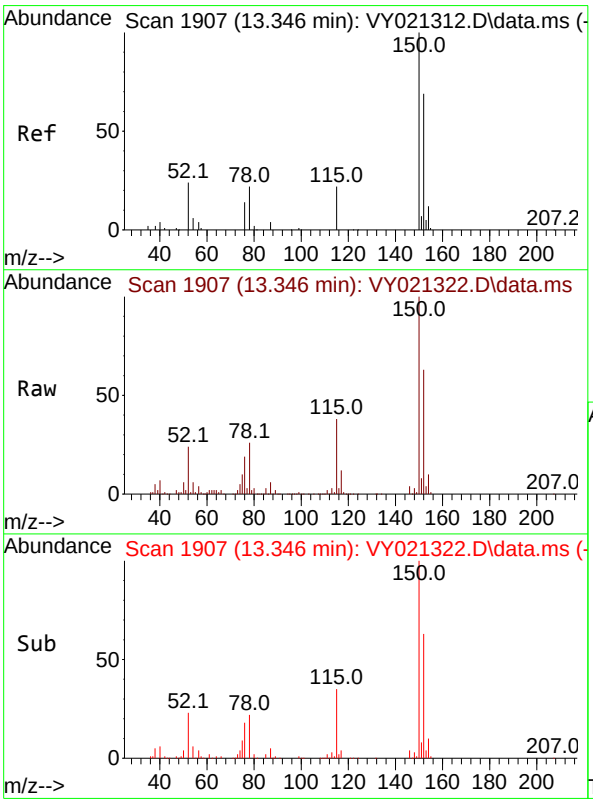
#71
Bromoform
Concen: 19.083 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion:173 Resp: 21872

Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.1	72.3
254	0.0	0.1	0.1#

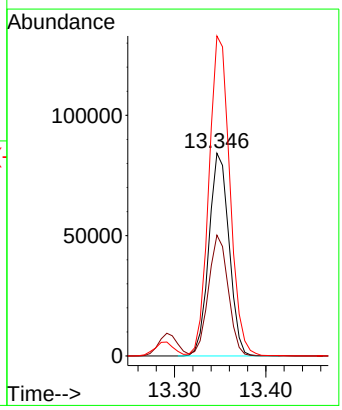


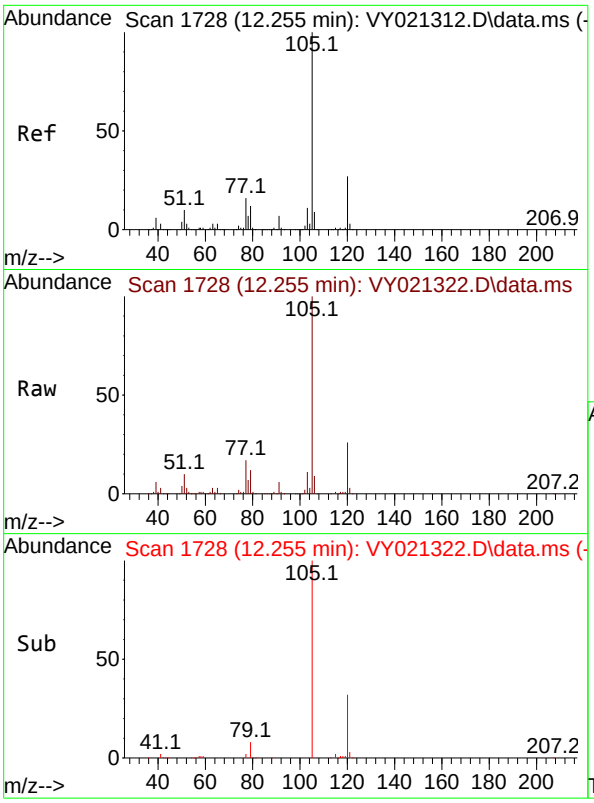


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:152 Resp: 128725

Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.3	88.0
150	164.6	0.0	347.4



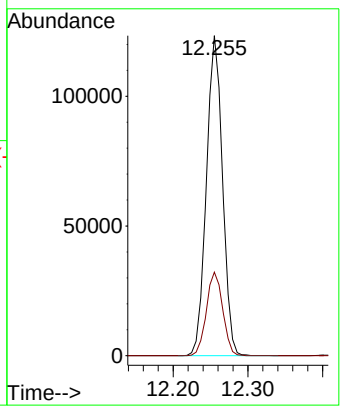


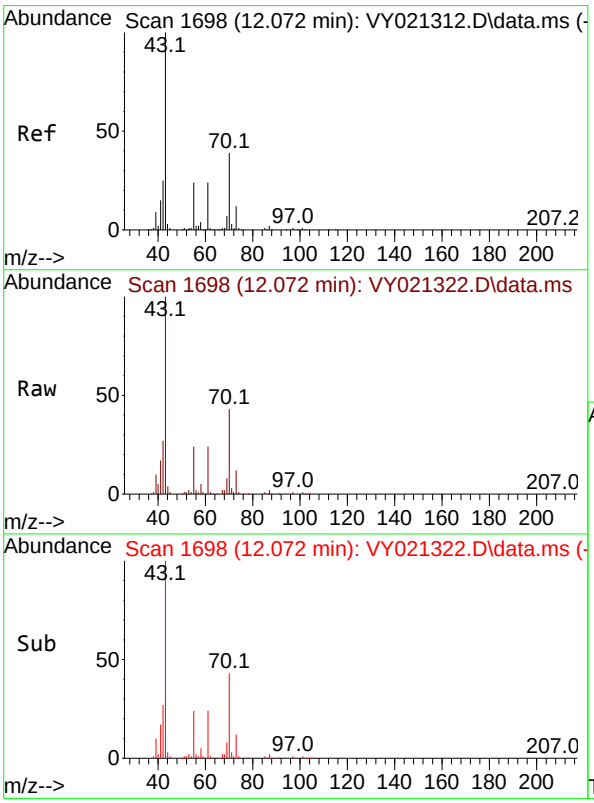
#73
Isopropylbenzene
Concen: 19.058 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion:105 Resp: 184435

Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.3	39.8

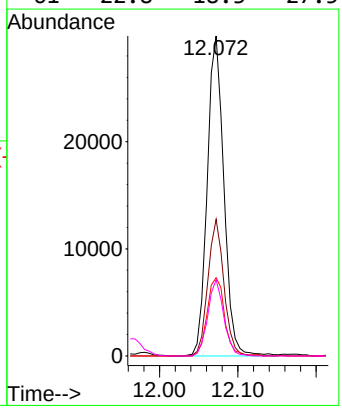


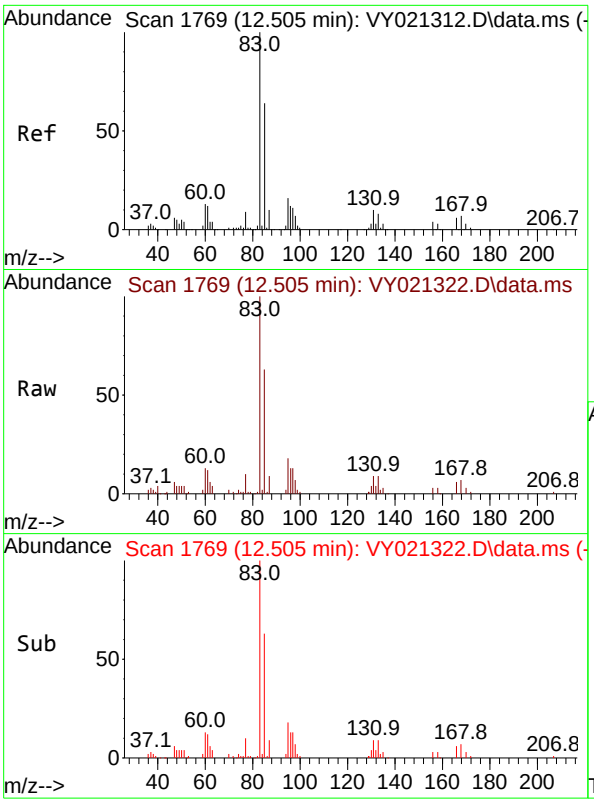


#74
N-amyl acetate
Concen: 17.930 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 43 Resp: 44104

Ion	Ratio	Lower	Upper
43	100		
70	41.1	32.2	48.2
55	25.5	19.6	29.4
61	22.8	18.3	27.5



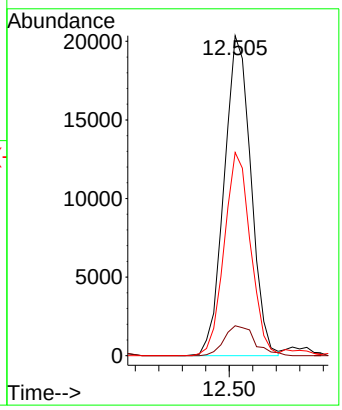


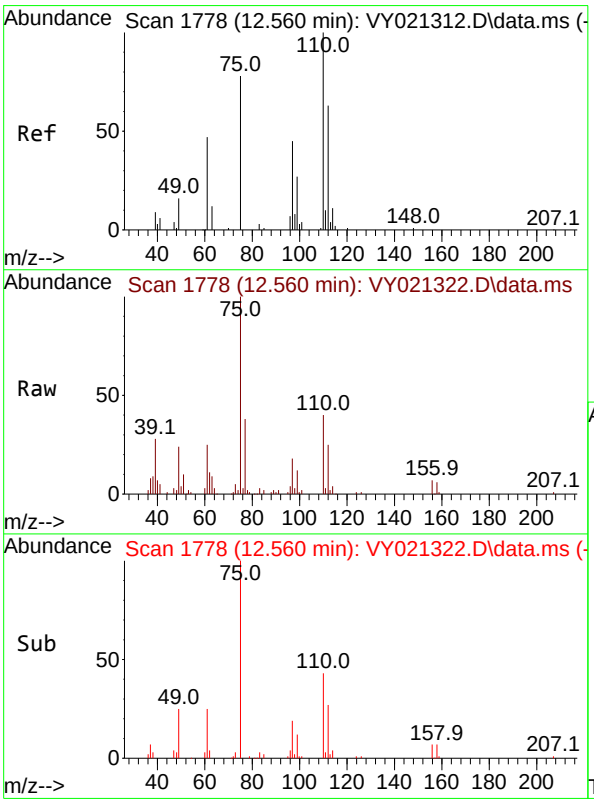
#75
1,1,2,2-Tetrachloroethane
Concen: 18.835 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion: 83 Resp: 32169

Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.2	15.6
85	62.6	32.0	96.0

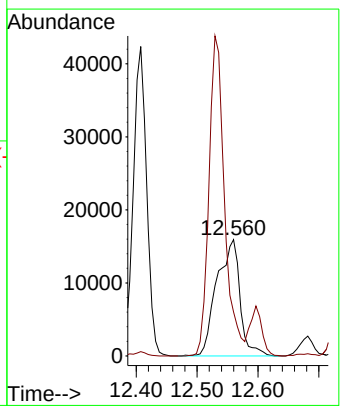


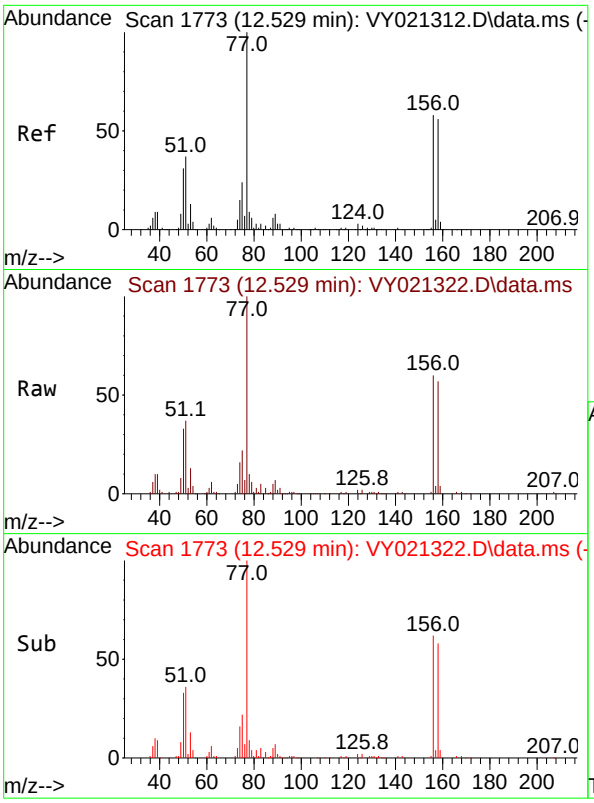


#76
1,2,3-Trichloropropane
Concen: 32.661 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 75 Resp: 42083

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



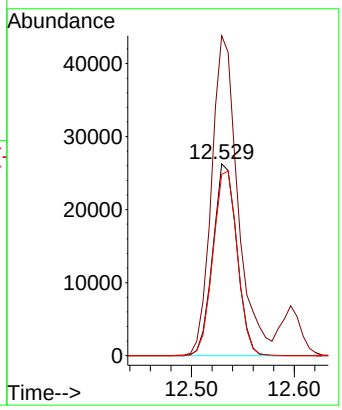


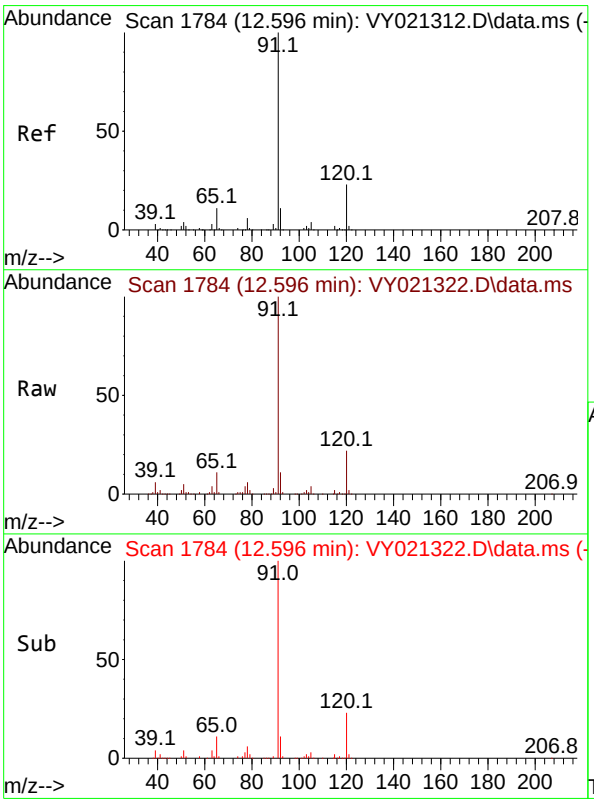
#77
Bromobenzene
Concen: 18.925 ug/l
RT: 12.529 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion:156 Resp: 42599

Ion	Ratio	Lower	Upper
156	100		
77	183.3	94.0	282.1
158	97.3	48.7	146.1

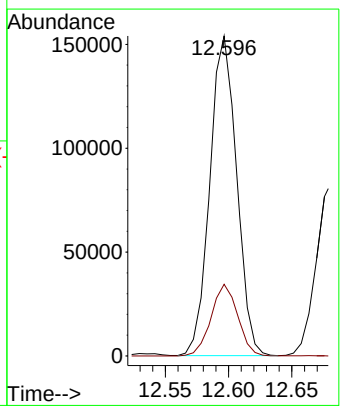


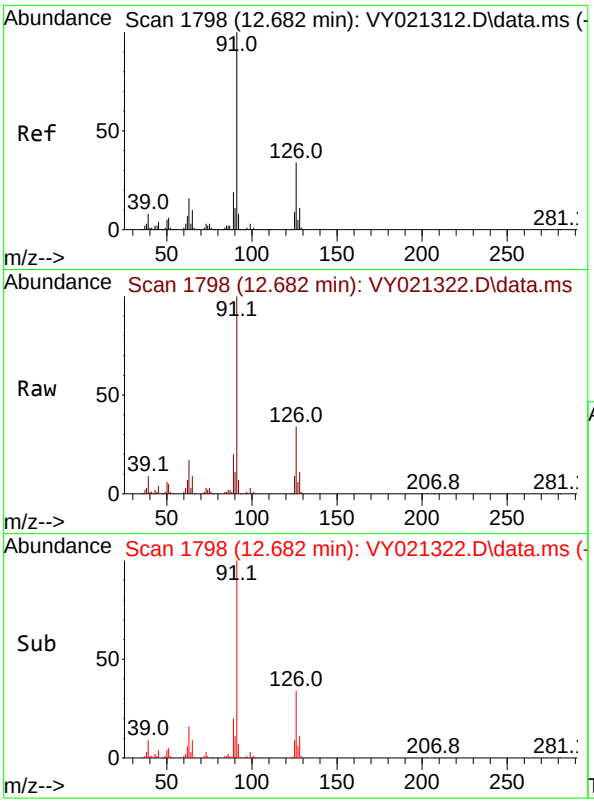


#78
n-propylbenzene
Concen: 19.317 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 91 Resp: 226845

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.2	33.5



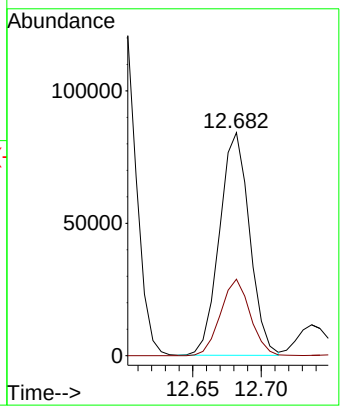


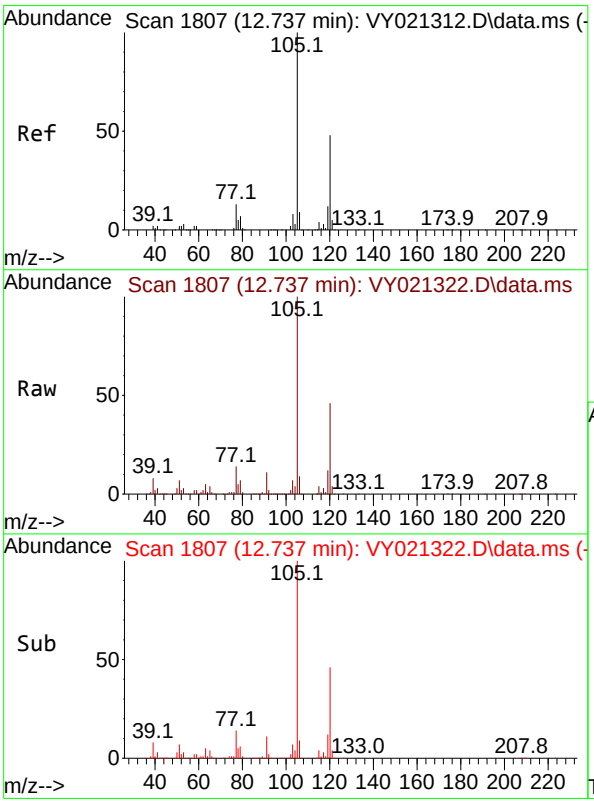
#79
2-Chlorotoluene
Concen: 19.070 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion: 91 Resp: 128526

Ion	Ratio	Lower	Upper
91	100		
126	33.9	16.9	50.6

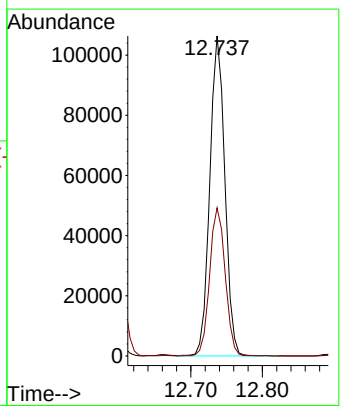


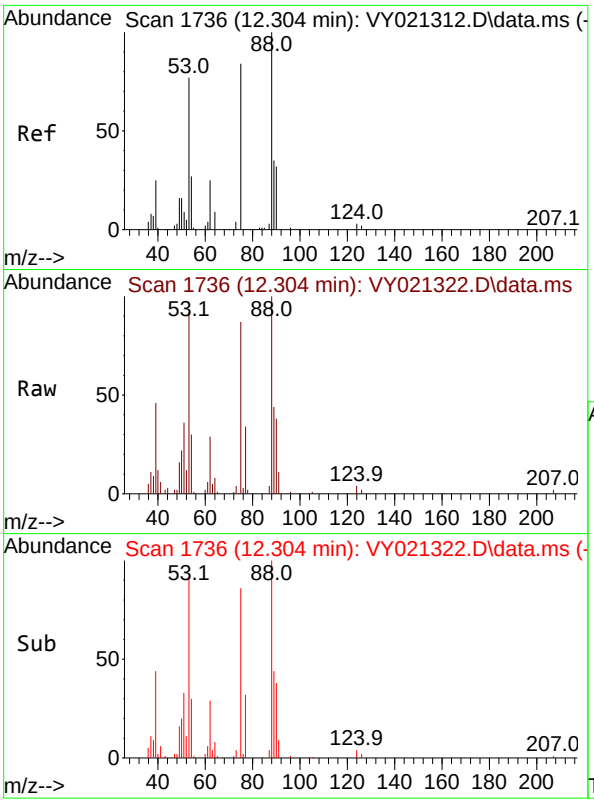


#80
1,3,5-Trimethylbenzene
Concen: 19.582 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:105 Resp: 155422

Ion	Ratio	Lower	Upper
105	100		
120	47.8	24.3	73.0



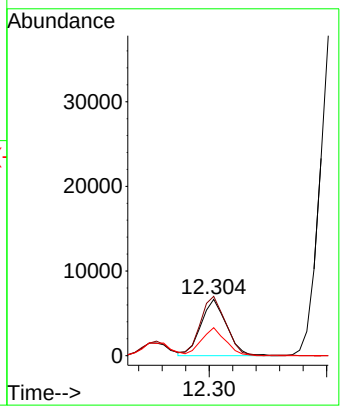


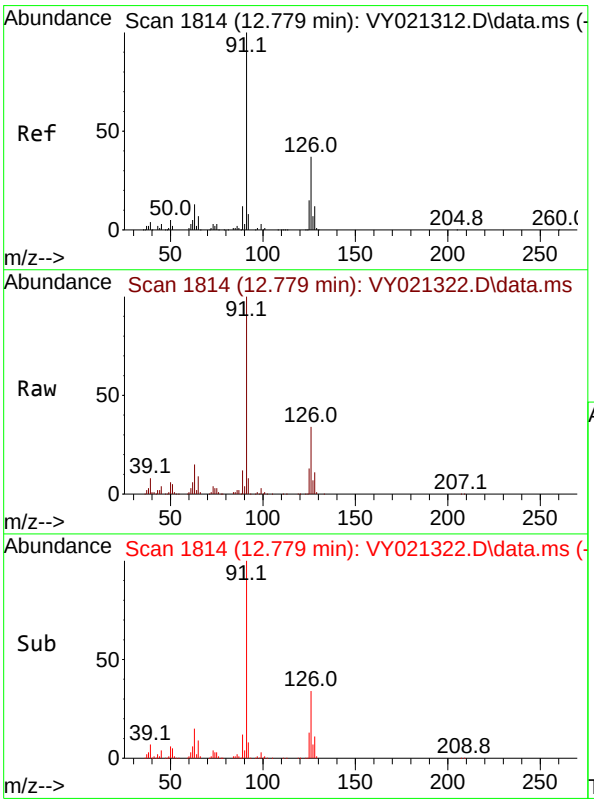
#81
trans-1,4-Dichloro-2-butene
Concen: 17.364 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion: 75 Resp: 10066

Ion	Ratio	Lower	Upper
75	100		
53	104.9	79.1	118.7
89	46.4	35.6	53.4

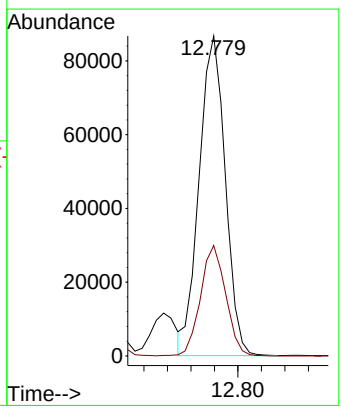


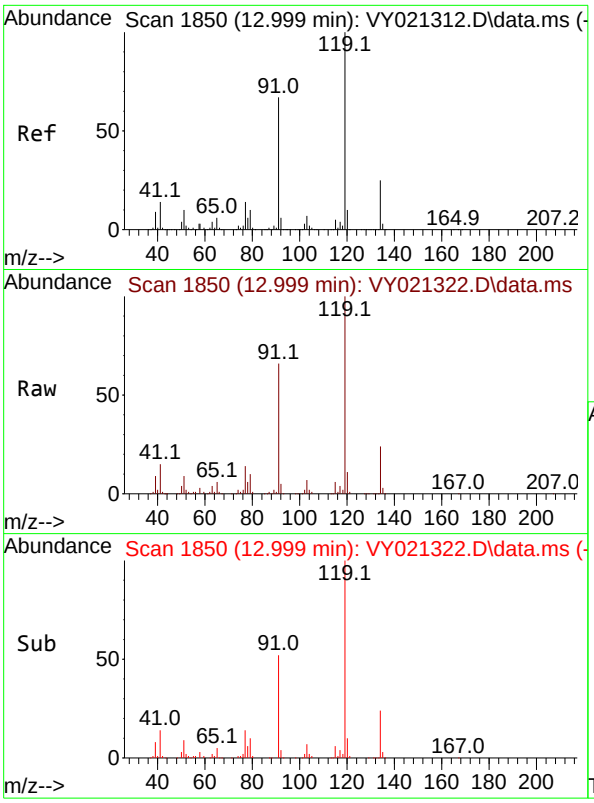


#82
4-Chlorotoluene
Concen: 19.171 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 91 Resp: 133936

Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.8	50.4



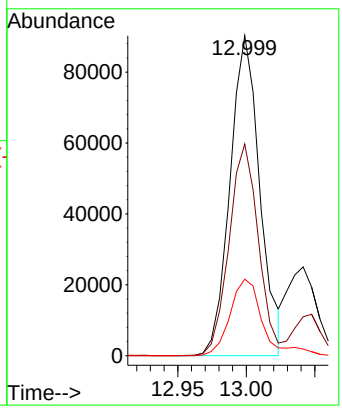


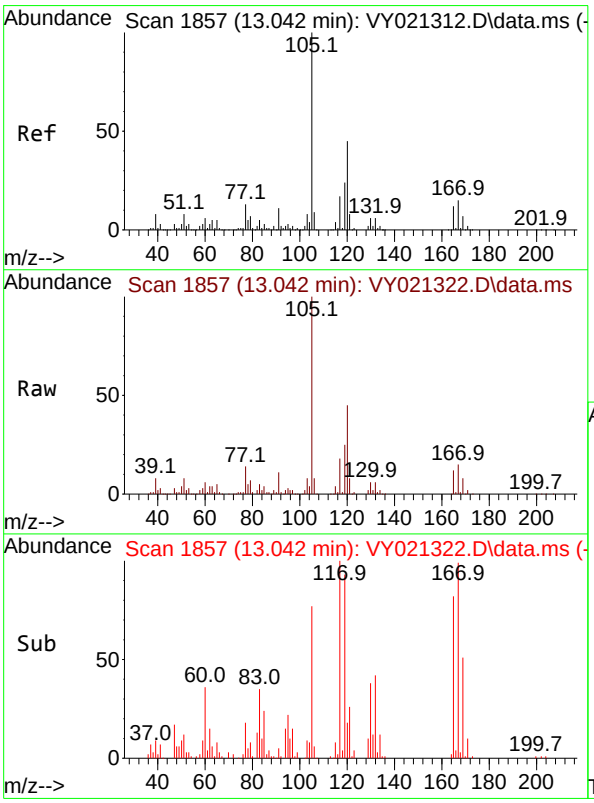
#83
tert-Butylbenzene
Concen: 19.079 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion:119 Resp: 136788

Ion	Ratio	Lower	Upper
119	100		
91	64.8	32.7	98.1
134	26.3	13.3	39.9

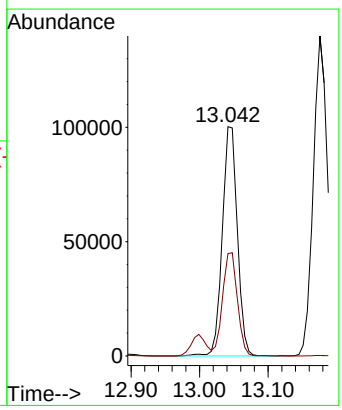


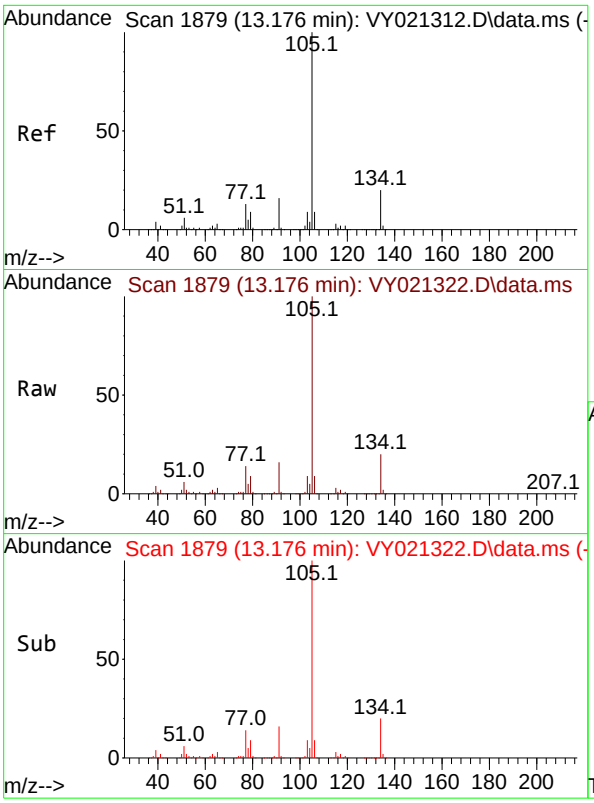


#84
1,2,4-Trimethylbenzene
Concen: 19.310 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:105 Resp: 152431

Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.4	67.3



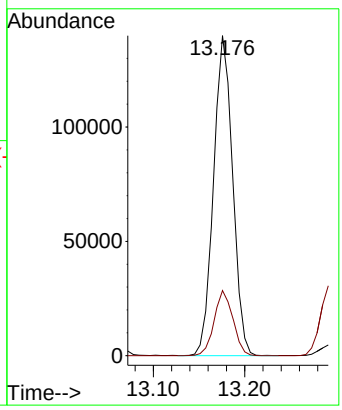


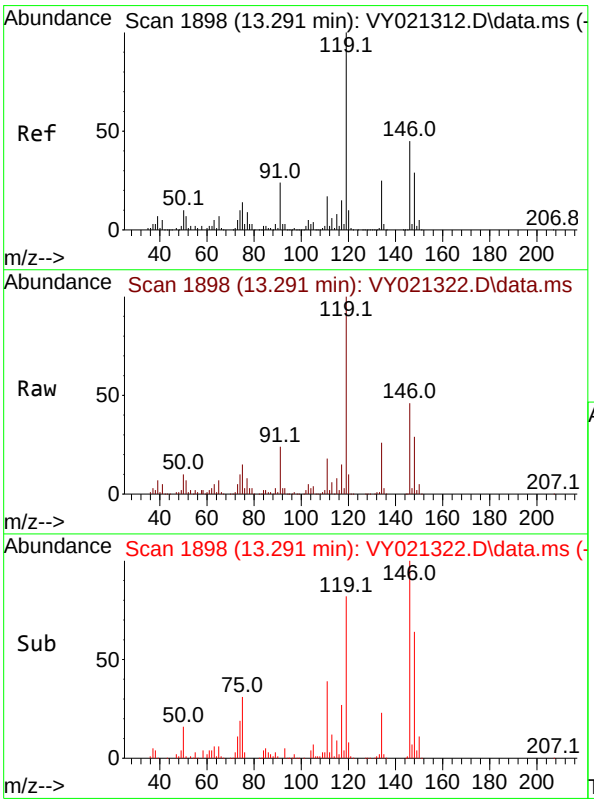
#85
sec-Butylbenzene
Concen: 19.486 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion:105 Resp: 204066

Ion	Ratio	Lower	Upper
105	100		
134	19.9	10.0	30.0

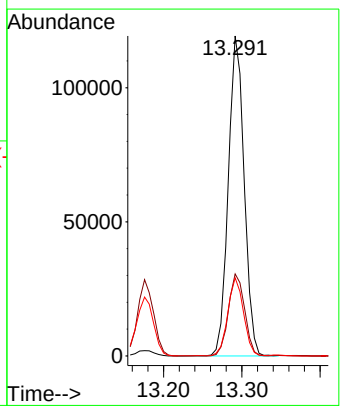


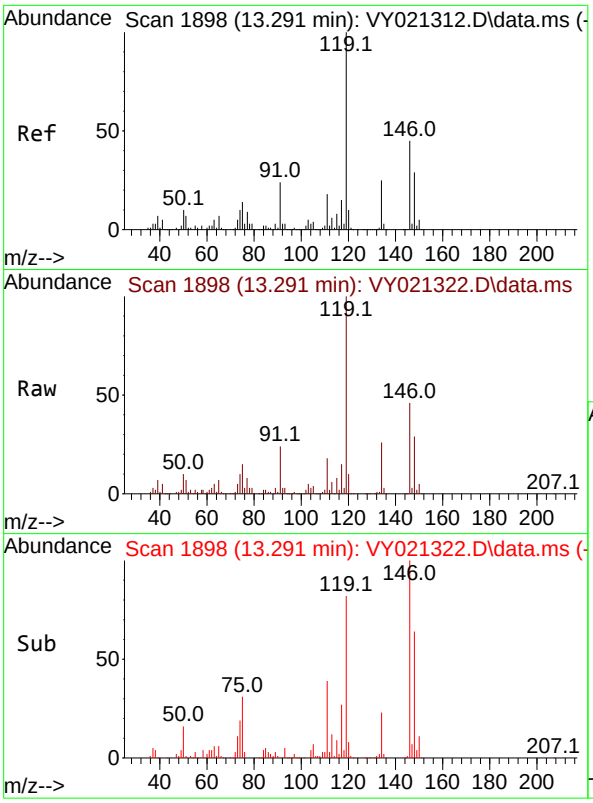


#86
p-Isopropyltoluene
Concen: 19.195 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:119 Resp: 167856

Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.0	38.9
91	24.2	12.0	36.1



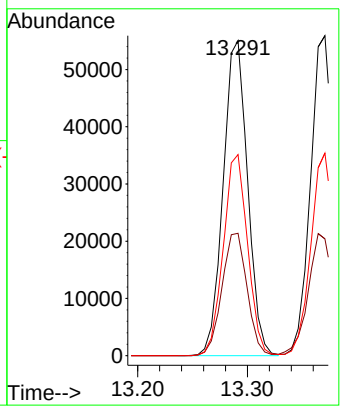


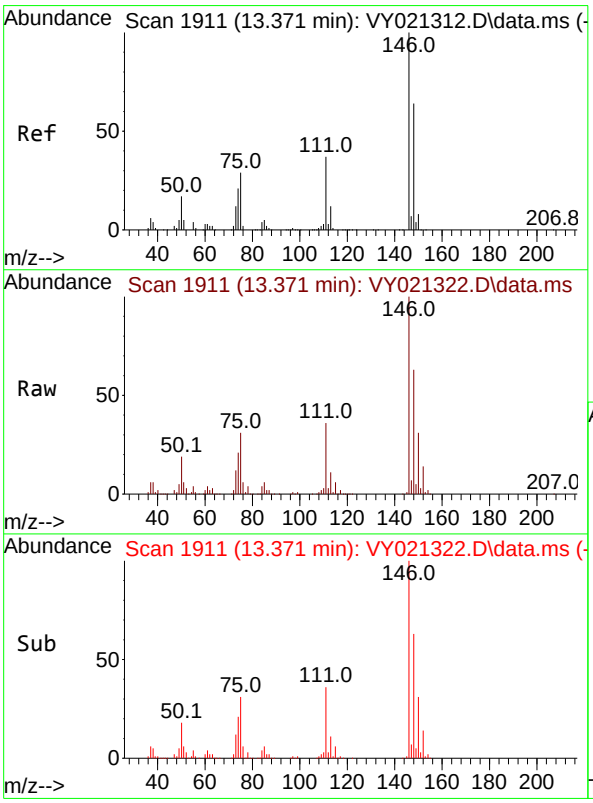
#87
1,3-Dichlorobenzene
Concen: 19.148 ug/l
RT: 13.291 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion:146 Resp: 85257

Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	59.9
148	63.4	31.9	95.9

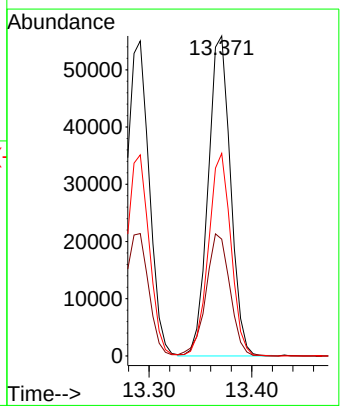


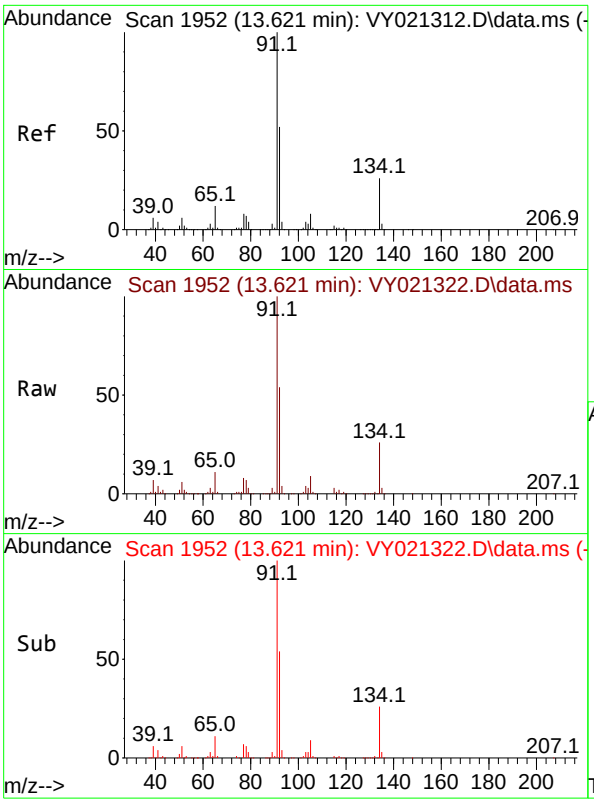


#88
1,4-Dichlorobenzene
Concen: 19.226 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:146 Resp: 84570

Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.5	58.5
148	63.6	32.0	96.2



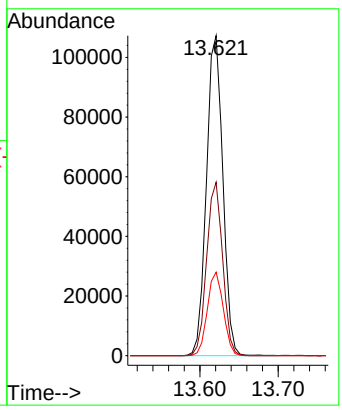


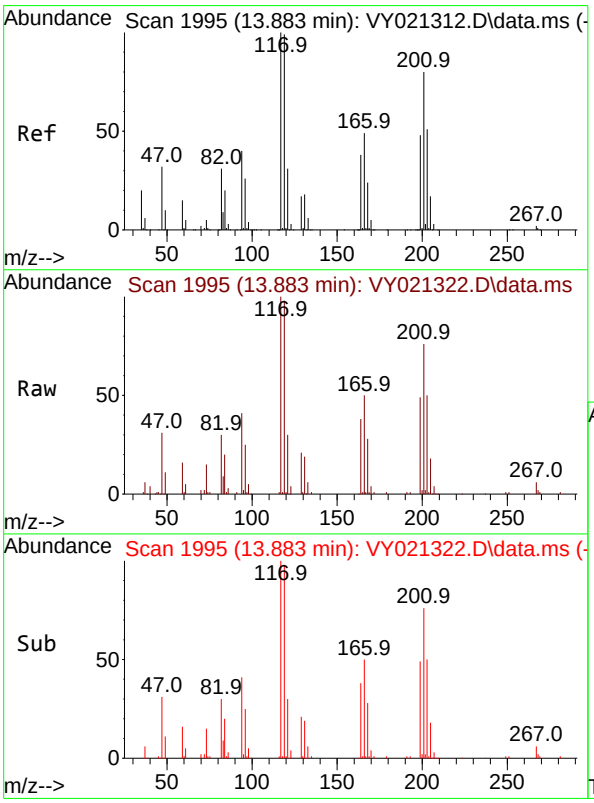
#89
n-Butylbenzene
Concen: 18.911 ug/l
RT: 13.621 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion: 91 Resp: 155625

Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.4	79.2
134	25.5	12.7	38.0

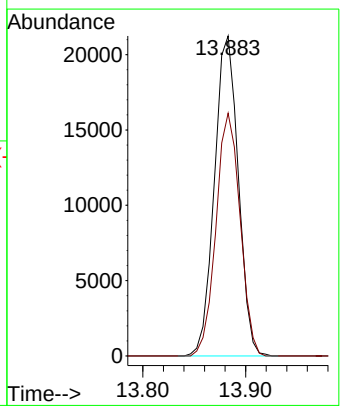


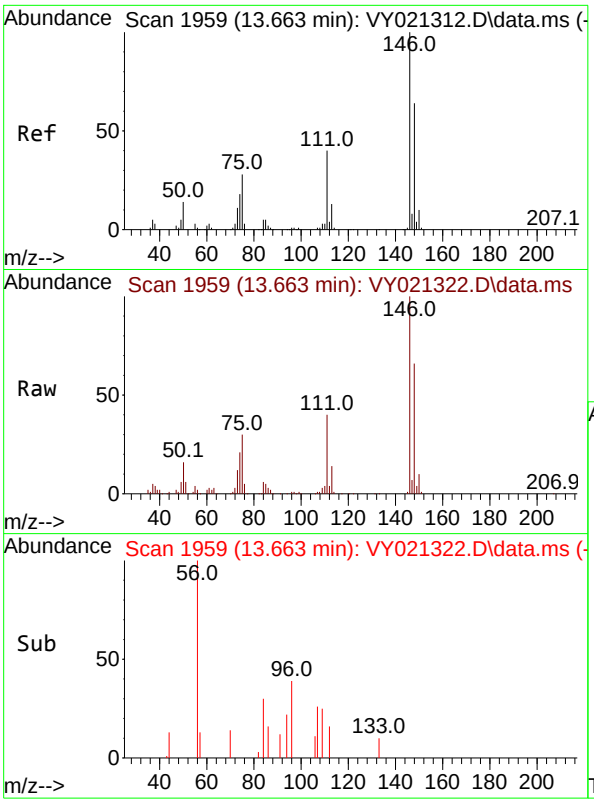


#90
Hexachloroethane
Concen: 18.736 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:117 Resp: 34224

Ion	Ratio	Lower	Upper
117	100		
201	76.4	38.4	115.2



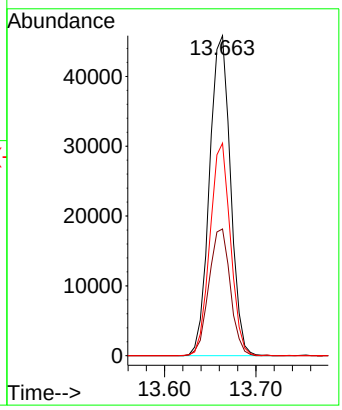


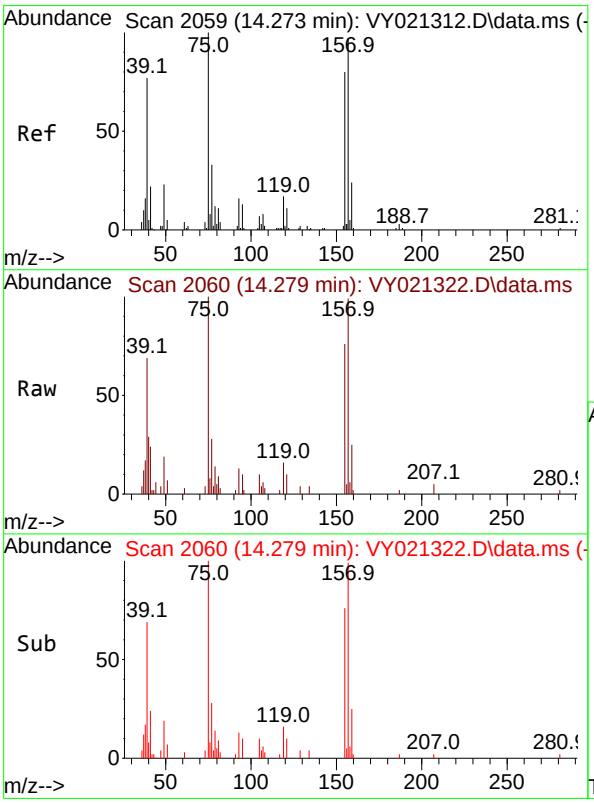
#91
1,2-Dichlorobenzene
Concen: 18.778 ug/l
RT: 13.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion:146 Resp: 73256

Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.7	62.1
148	64.9	31.7	95.1

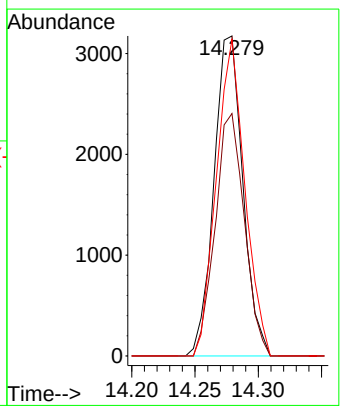


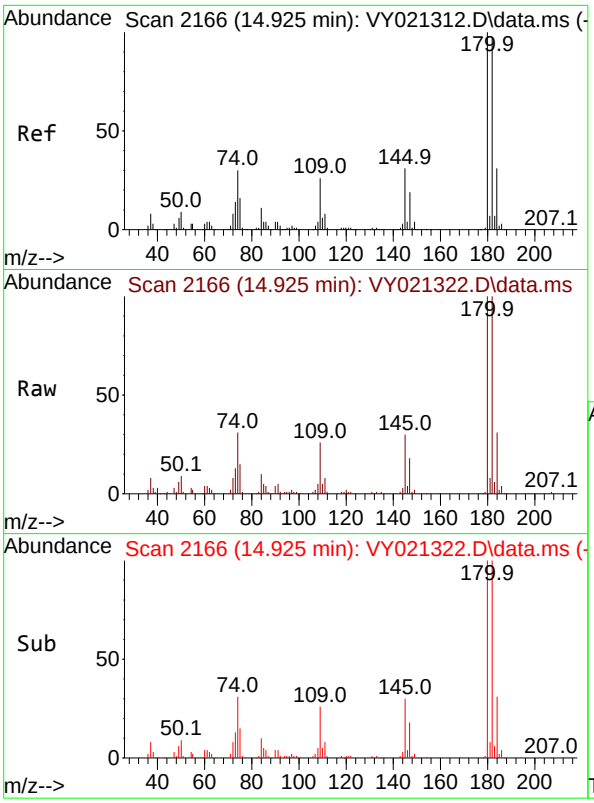


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.599 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion: 75 Resp: 5025

Ion	Ratio	Lower	Upper
75	100		
155	76.7	41.9	125.6
157	97.9	52.5	157.6



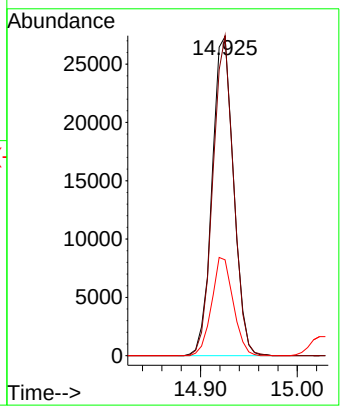


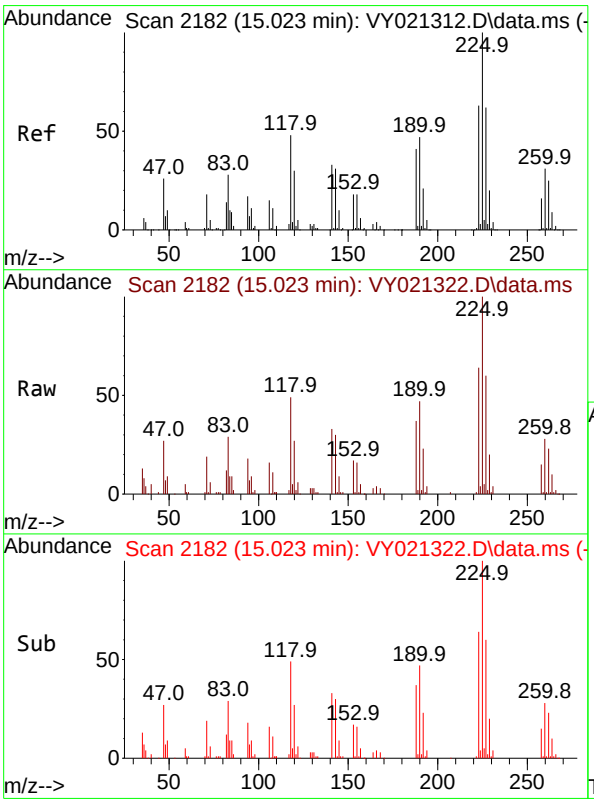
#93
1,2,4-Trichlorobenzene
Concen: 17.702 ug/l
RT: 14.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion:180 Resp: 42148

Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.9	143.7
145	30.9	15.6	46.8

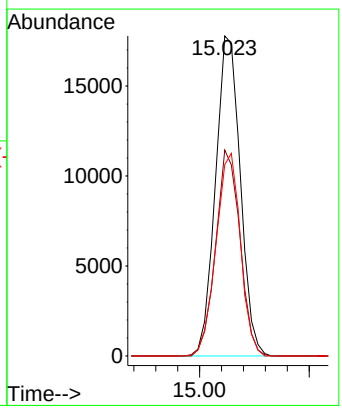


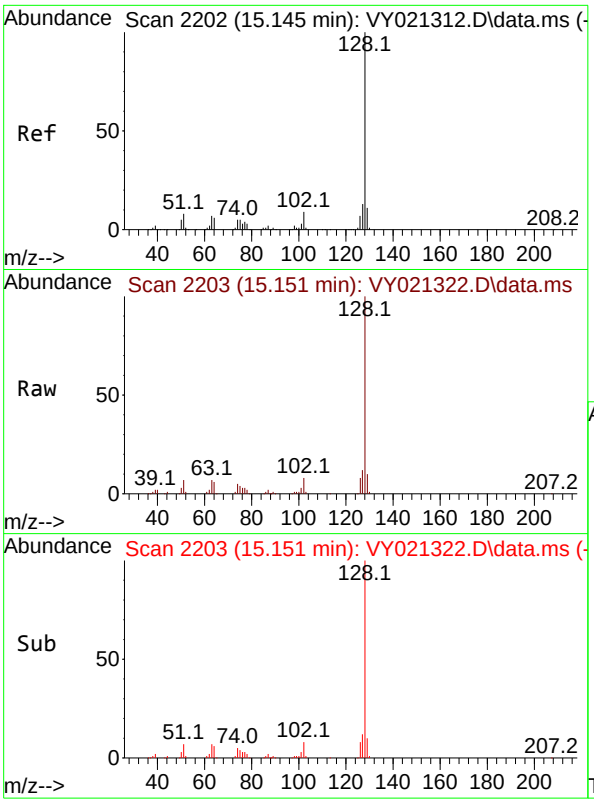


#94
Hexachlorobutadiene
Concen: 18.650 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:225 Resp: 27956

Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.8	95.4
227	62.6	31.9	95.7



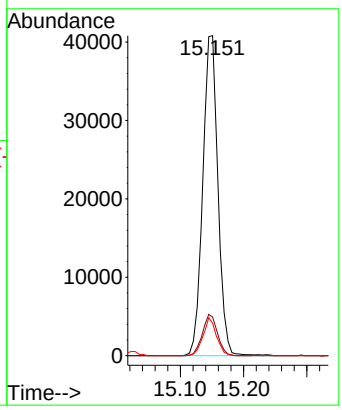


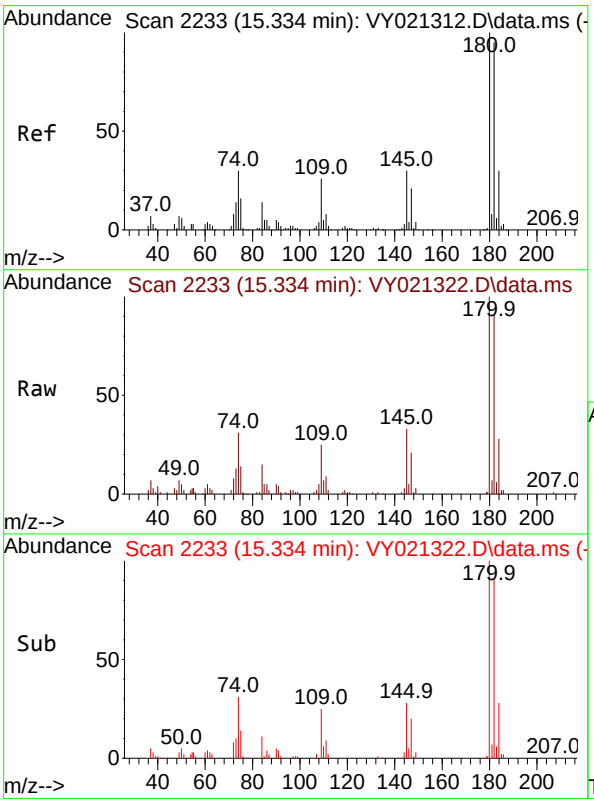
#95
Naphthalene
Concen: 17.269 ug/l
RT: 15.151 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion:128 Resp: 68106

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.5	8.5	12.7

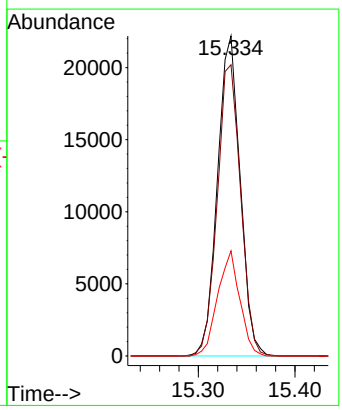




#96
1,2,3-Trichlorobenzene
Concen: 17.931 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021322.D
Acq: 26 Feb 2025 11:22

Tgt Ion:180 Resp: 36072

Ion	Ratio	Lower	Upper
180	100		
182	93.9	48.3	144.9
145	32.1	16.1	48.3



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021323.D
Acq On : 26 Feb 2025 11:44
Operator : SY/MD
Sample : VY0226SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Quant Time: Feb 27 00:36:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.707	168	186200	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.615	114	292071	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.414	117	258744	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	129829	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.061	65	102341	48.451	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 96.900%				
35) Dibromofluoromethane	7.634	113	94057	49.120	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.240%				
50) Toluene-d8	10.103	98	369458	49.924	ug/l		0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.840%				
62) 4-Bromofluorobenzene	12.408	95	125203	50.271	ug/l		0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.540%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.861	85	33929	19.219	ug/l		98
3) Chloromethane	2.068	50	44643	19.581	ug/l		94
4) Vinyl Chloride	2.202	62	43431	19.408	ug/l		95
5) Bromomethane	2.586	94	28875	19.417	ug/l		91
6) Chloroethane	2.732	64	27157	19.569	ug/l		98
7) Trichlorofluoromethane	3.056	101	64725	19.152	ug/l		98
8) Diethyl Ether	3.452	74	19301	19.028	ug/l		95
9) 1,1,2-Trichlorotrifluo...	3.818	101	39047	19.956	ug/l		99
10) Methyl Iodide	4.000	142	38731	18.815	ug/l		99
11) Tert butyl alcohol	4.848	59	15317	94.274	ug/l		97
12) 1,1-Dichloroethene	3.787	96	35945	19.186	ug/l		98
13) Acrolein	3.647	56	22337	179.408	ug/l		96
14) Allyl chloride	4.385	41	64619	19.454	ug/l		99
15) Acrylonitrile	5.049	53	42848	95.540	ug/l		99
16) Acetone	3.866	43	36994	91.302	ug/l		96
17) Carbon Disulfide	4.104	76	119697	19.240	ug/l		99
18) Methyl Acetate	4.378	43	19000	19.188	ug/l		97
19) Methyl tert-butyl Ether	5.116	73	96512	19.498	ug/l		98
20) Methylene Chloride	4.616	84	41428	18.908	ug/l		97
21) trans-1,2-Dichloroethene	5.110	96	39986	19.387	ug/l		97
22) Diisopropyl ether	6.018	45	136570	19.868	ug/l		97
23) Vinyl Acetate	5.957	43	400683	97.548	ug/l		98
24) 1,1-Dichloroethane	5.915	63	75455	19.476	ug/l		100
25) 2-Butanone	6.896	43	57737	94.416	ug/l		100
26) 2,2-Dichloropropane	6.884	77	67846	19.300	ug/l		100
27) cis-1,2-Dichloroethene	6.884	96	46880	19.905	ug/l		98
28) Bromochloromethane	7.238	49	34082	19.882	ug/l		99
29) Tetrahydrofuran	7.262	42	39639	99.167	ug/l		97
30) Chloroform	7.421	83	76696	19.537	ug/l		98
31) Cyclohexane	7.701	56	71145	19.104	ug/l	#	94
32) 1,1,1-Trichloroethane	7.610	97	68700	19.226	ug/l		99
36) 1,1-Dichloropropene	7.835	75	57651	20.043	ug/l		99
37) Ethyl Acetate	6.982	43	28136	19.665	ug/l		100
38) Carbon Tetrachloride	7.817	117	63336	19.587	ug/l		99
39) Methylcyclohexane	9.109	83	71099	19.543	ug/l		99
40) Benzene	8.079	78	169384	19.922	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021323.D
Acq On : 26 Feb 2025 11:44
Operator : SY/MD
Sample : VY0226SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Quant Time: Feb 27 00:36:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.219	41	16363	20.455	ug/l	#	73
42) 1,2-Dichloroethane	8.158	62	47566	19.718	ug/l		100
43) Isopropyl Acetate	8.195	43	54330	19.618	ug/l		99
44) Trichloroethene	8.865	130	41805	19.638	ug/l		97
45) 1,2-Dichloropropane	9.140	63	40089	19.592	ug/l		99
46) Dibromomethane	9.231	93	21727	19.425	ug/l		100
47) Bromodichloromethane	9.420	83	58116	19.487	ug/l		100
48) Methyl methacrylate	9.219	41	23787	18.368	ug/l		94
49) 1,4-Dioxane	9.225	88	4464	358.943	ug/l		99
51) 4-Methyl-2-Pentanone	9.999	43	138572	97.751	ug/l		99
52) Toluene	10.170	92	104255	19.738	ug/l		98
53) t-1,3-Dichloropropene	10.390	75	53978	19.755	ug/l		100
54) cis-1,3-Dichloropropene	9.853	75	62124	19.260	ug/l		95
55) 1,1,2-Trichloroethane	10.572	97	28227	19.373	ug/l		96
56) Ethyl methacrylate	10.438	69	39319	19.530	ug/l		99
57) 1,3-Dichloropropane	10.713	76	51397	20.102	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.713	63	90024	93.158	ug/l		100
59) 2-Hexanone	10.761	43	89865	96.524	ug/l		99
60) Dibromochloromethane	10.914	129	39272	19.790	ug/l		98
61) 1,2-Dibromoethane	11.018	107	26713	19.365	ug/l		96
64) Tetrachloroethene	10.646	164	38493	19.682	ug/l		99
65) Chlorobenzene	11.444	112	113821	19.597	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.517	131	39353	19.350	ug/l		98
67) Ethyl Benzene	11.517	91	197780	19.225	ug/l		100
68) m/p-Xylenes	11.627	106	149341	38.593	ug/l		98
69) o-Xylene	11.956	106	70486	19.444	ug/l		99
70) Styrene	11.969	104	119367	19.791	ug/l		99
71) Bromoform	12.133	173	22170	19.055	ug/l	#	100
73) Isopropylbenzene	12.255	105	192163	19.688	ug/l		99
74) N-amyl acetate	12.072	43	47929	19.319	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	33436	19.410	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	42848	32.972	ug/l	#	100
77) Bromobenzene	12.529	156	44137	19.442	ug/l		99
78) n-propylbenzene	12.596	91	231519	19.547	ug/l		100
79) 2-Chlorotoluene	12.682	91	132259	19.457	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	157749	19.706	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	10784	18.445	ug/l		95
82) 4-Chlorotoluene	12.779	91	136654	19.394	ug/l		100
83) tert-Butylbenzene	12.999	119	139478	19.288	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	156482	19.655	ug/l		100
85) sec-Butylbenzene	13.176	105	207160	19.613	ug/l		99
86) p-Isopropyltoluene	13.291	119	172280	19.534	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	88325	19.668	ug/l		99
88) 1,4-Dichlorobenzene	13.371	146	87772	19.784	ug/l		99
89) n-Butylbenzene	13.621	91	162070	19.527	ug/l		100
90) Hexachloroethane	13.883	117	35761	19.411	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	76555	19.457	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4895	17.963	ug/l		95
93) 1,2,4-Trichlorobenzene	14.925	180	45740	19.047	ug/l		100
94) Hexachlorobutadiene	15.023	225	28899	19.115	ug/l		98
95) Naphthalene	15.145	128	73713	18.532	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	38421	18.936	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021323.D
Acq On : 26 Feb 2025 11:44
Operator : SY/MD
Sample : VY0226SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Quant Time: Feb 27 00:36:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

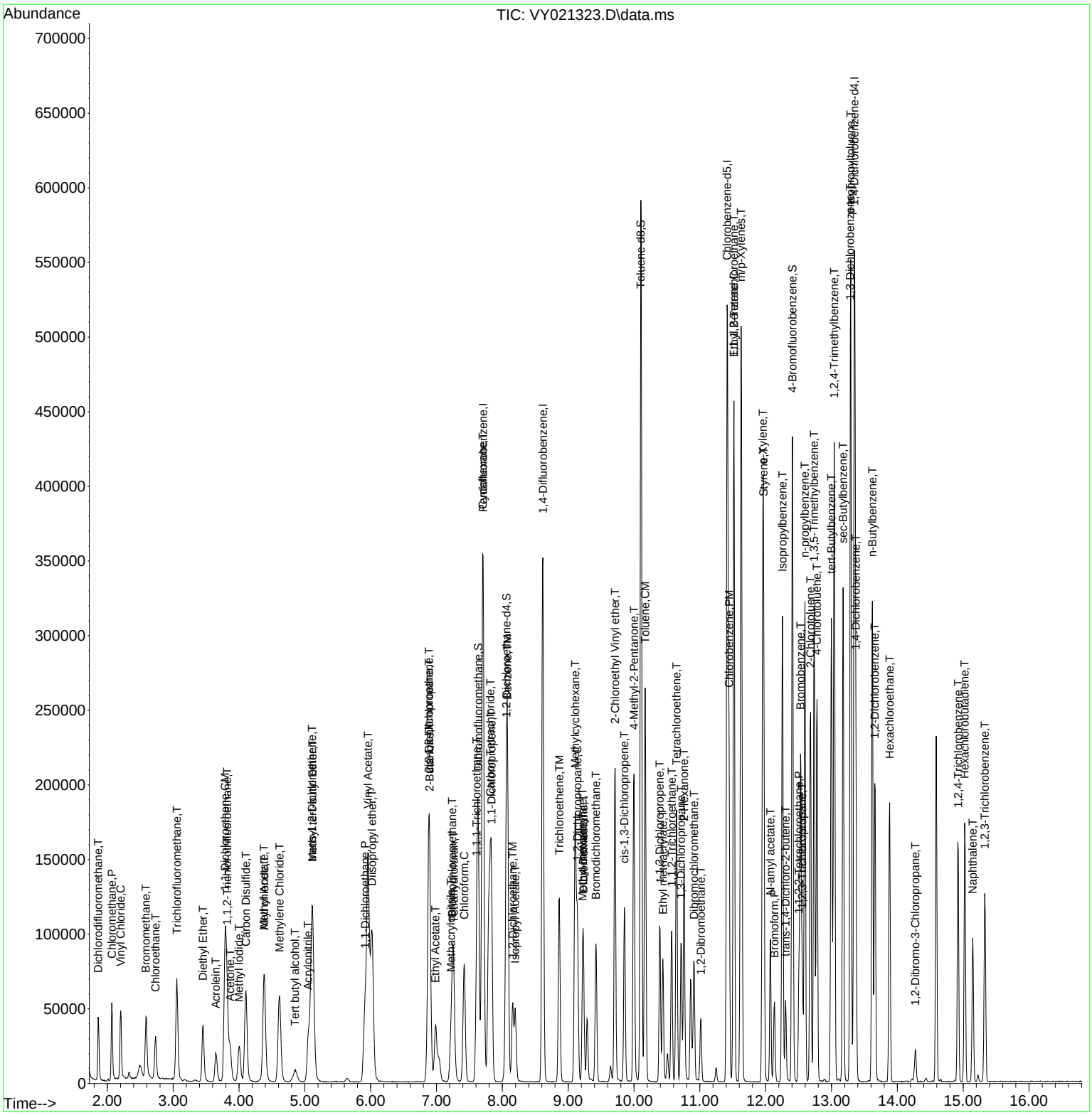
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

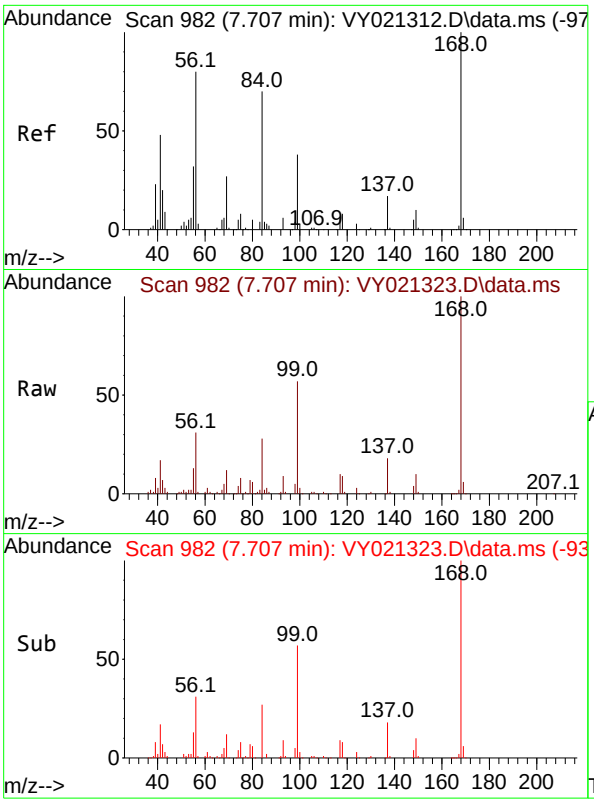
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021323.D
Acq On : 26 Feb 2025 11:44
Operator : SY/MD
Sample : VY0226SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Quant Time: Feb 27 00:36:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration



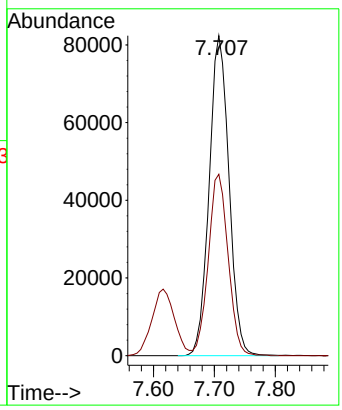


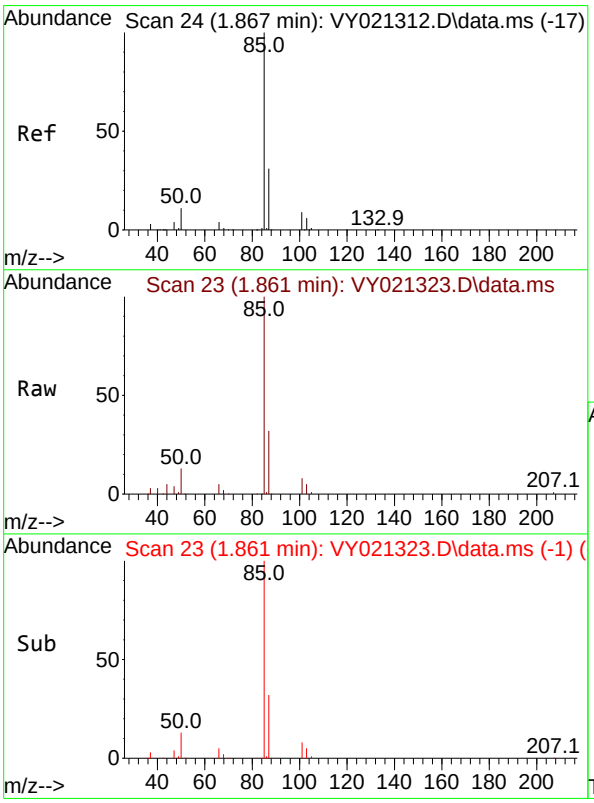
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion:168 Resp: 186200

Ion	Ratio	Lower	Upper
168	100		
99	56.7	47.1	70.7

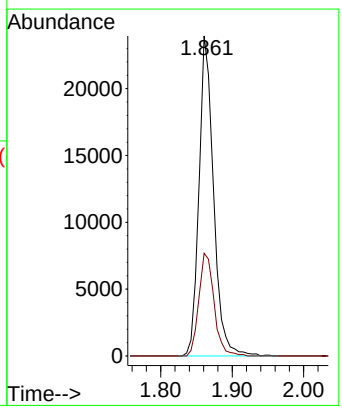


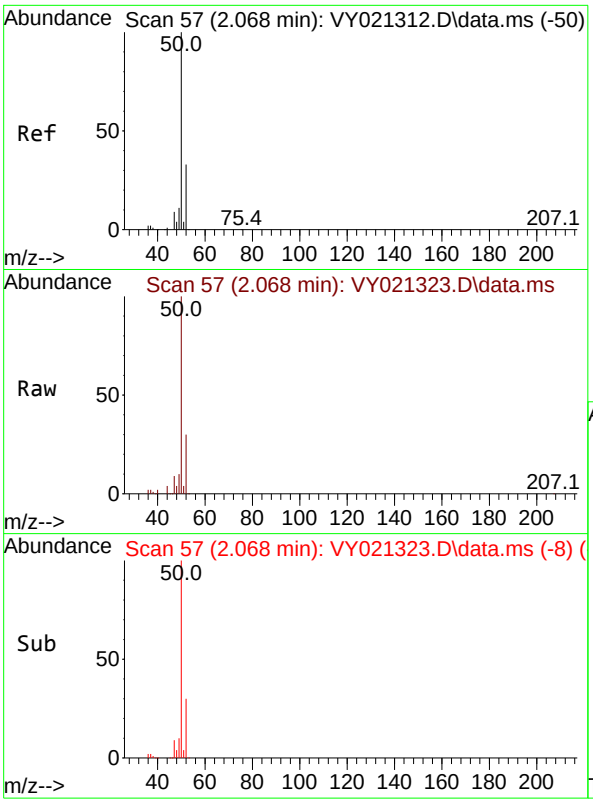


#2
Dichlorodifluoromethane
Concen: 19.219 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 85 Resp: 33929

Ion	Ratio	Lower	Upper
85	100		
87	32.1	15.4	46.4



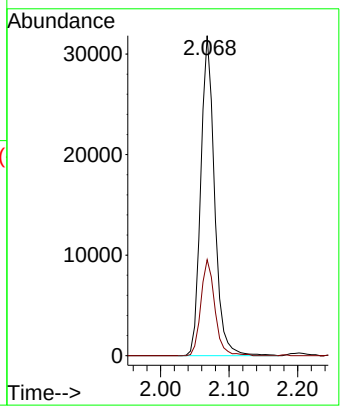


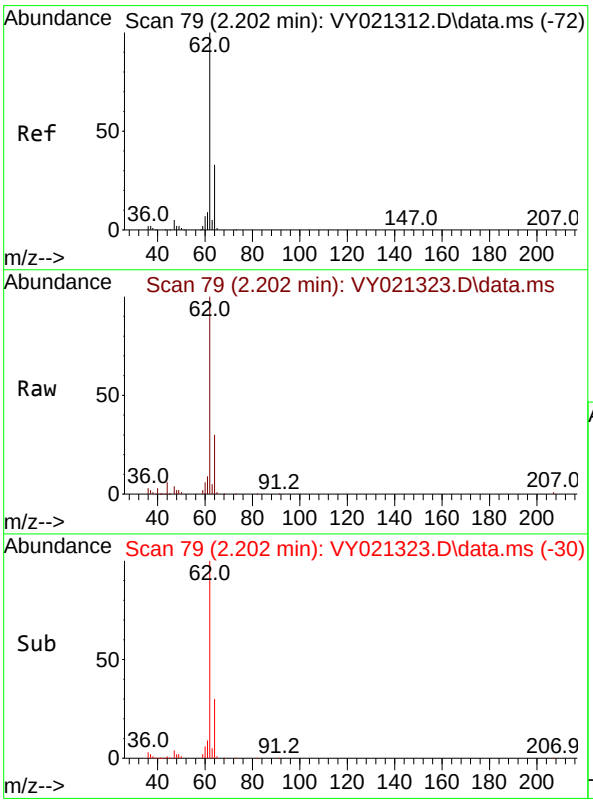
#3
Chloromethane
Concen: 19.581 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion: 50 Resp: 44643

Ion	Ratio	Lower	Upper
50	100		
52	30.0	26.6	40.0

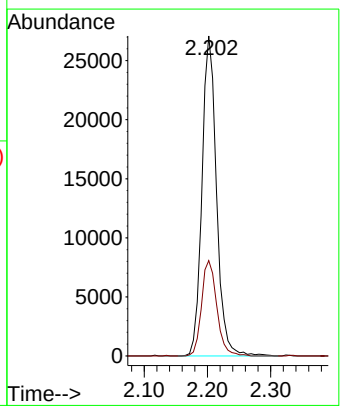


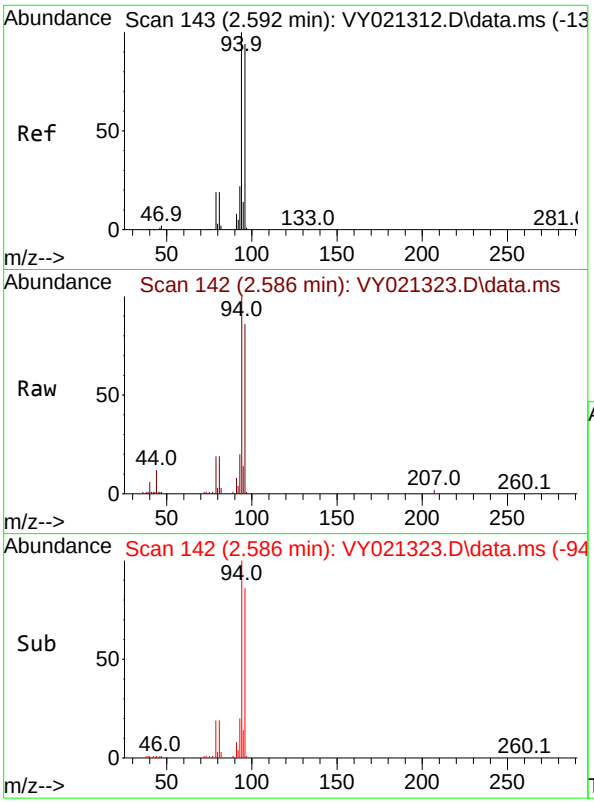


#4
Vinyl Chloride
Concen: 19.408 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 62 Resp: 43431

Ion	Ratio	Lower	Upper
62	100		
64	29.8	26.3	39.5



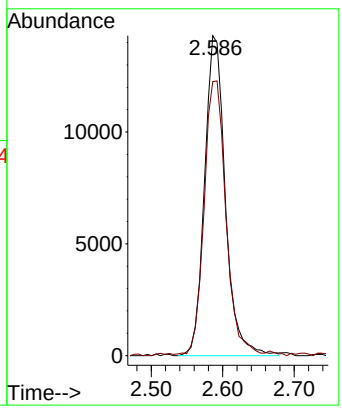


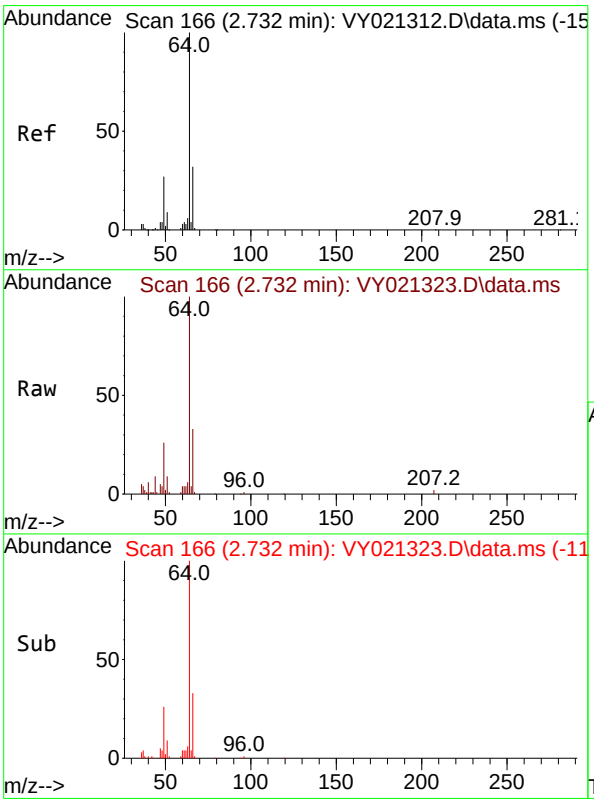
#5
Bromomethane
Concen: 19.417 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion: 94 Resp: 28875

Ion	Ratio	Lower	Upper
94	100		
96	85.1	75.2	112.8

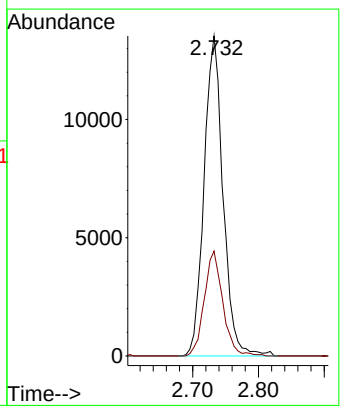


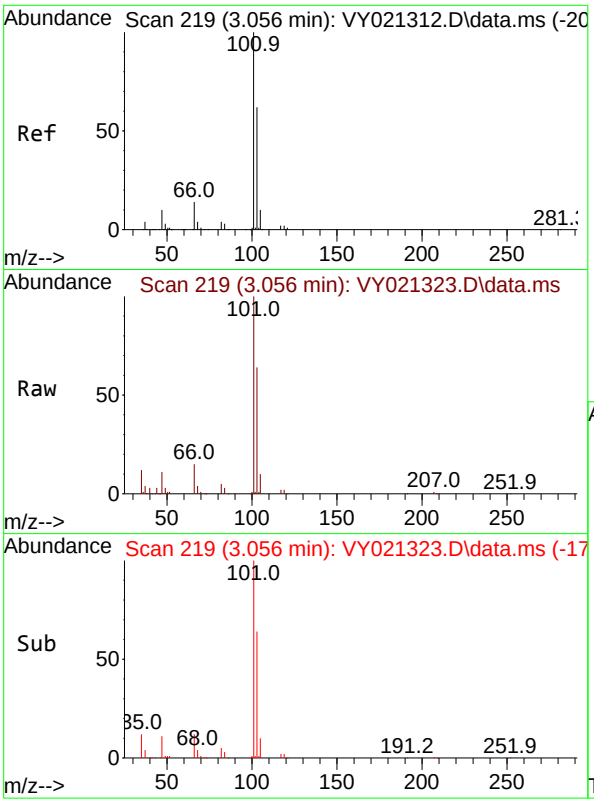


#6
Chloroethane
Concen: 19.569 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 64 Resp: 27157

Ion	Ratio	Lower	Upper
64	100		
66	32.7	25.4	38.0



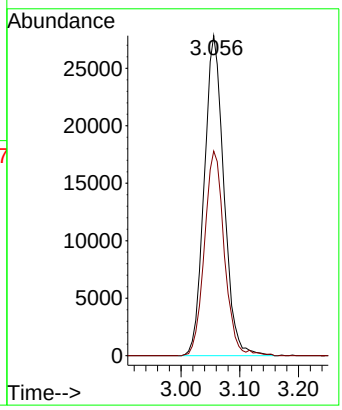


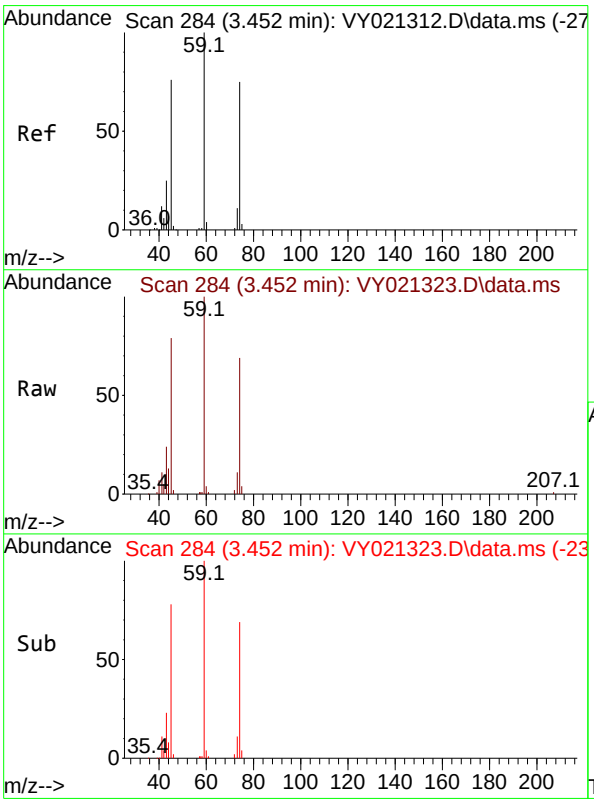
#7
Trichlorofluoromethane
Concen: 19.152 ug/l
RT: 3.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion:101 Resp: 64725

Ion	Ratio	Lower	Upper
101	100		
103	63.9	49.7	74.5

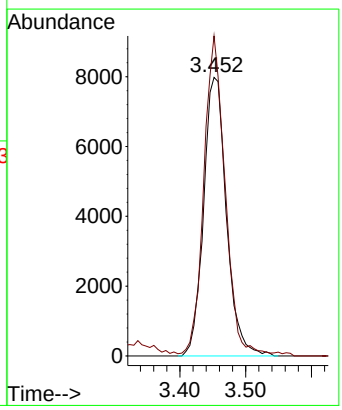


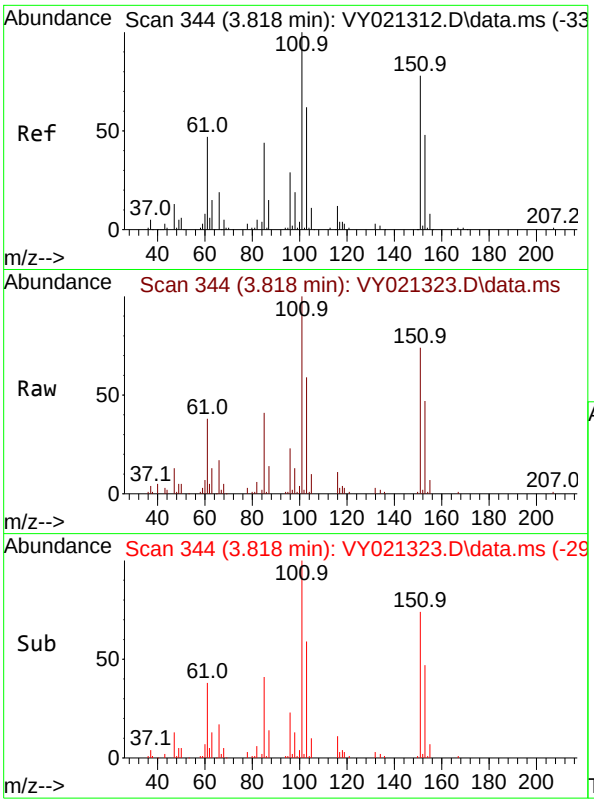


#8
Diethyl Ether
Concen: 19.028 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 74 Resp: 19301

Ion	Ratio	Lower	Upper
74	100		
45	105.2	50.3	150.9



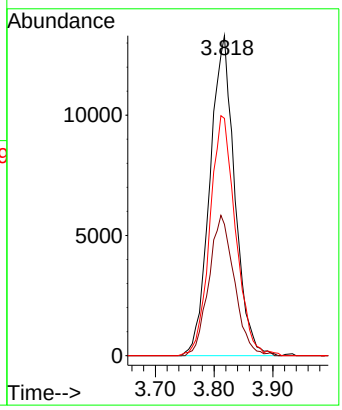


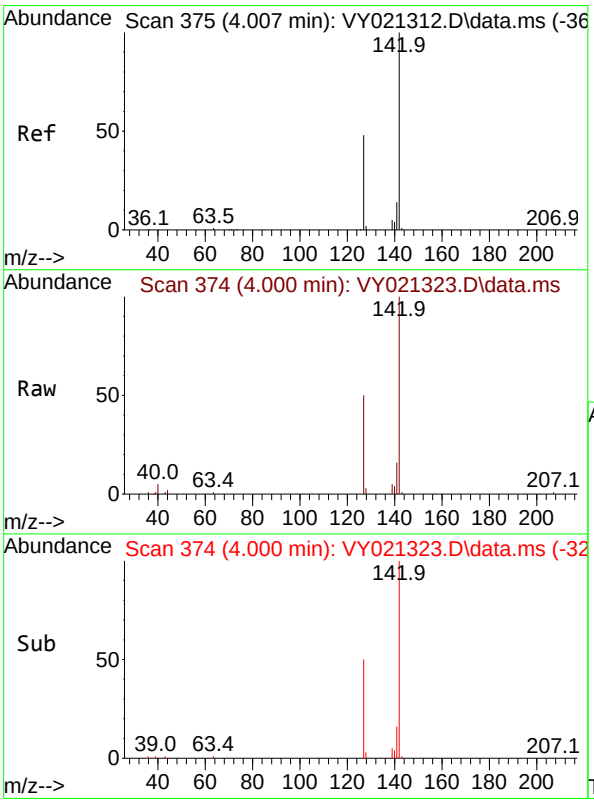
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.956 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion:101 Resp: 39047

Ion	Ratio	Lower	Upper
101	100		
85	45.0	36.7	55.1
151	77.7	62.6	94.0

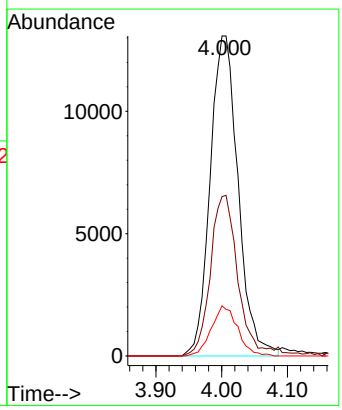


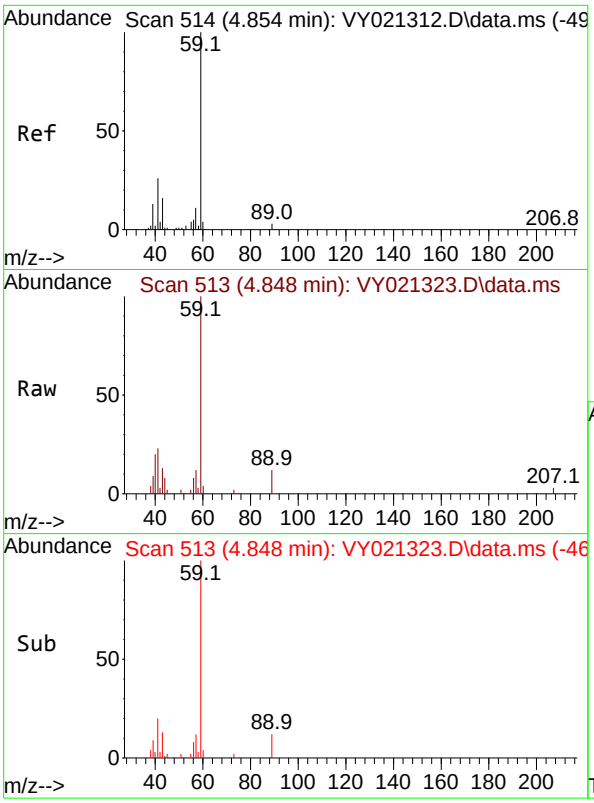


#10
Methyl Iodide
Concen: 18.815 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:142 Resp: 38731

Ion	Ratio	Lower	Upper
142	100		
127	49.9	39.2	58.8
141	14.7	11.4	17.2



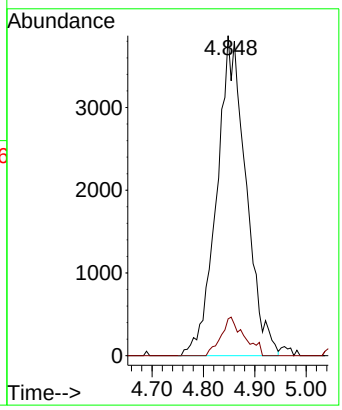


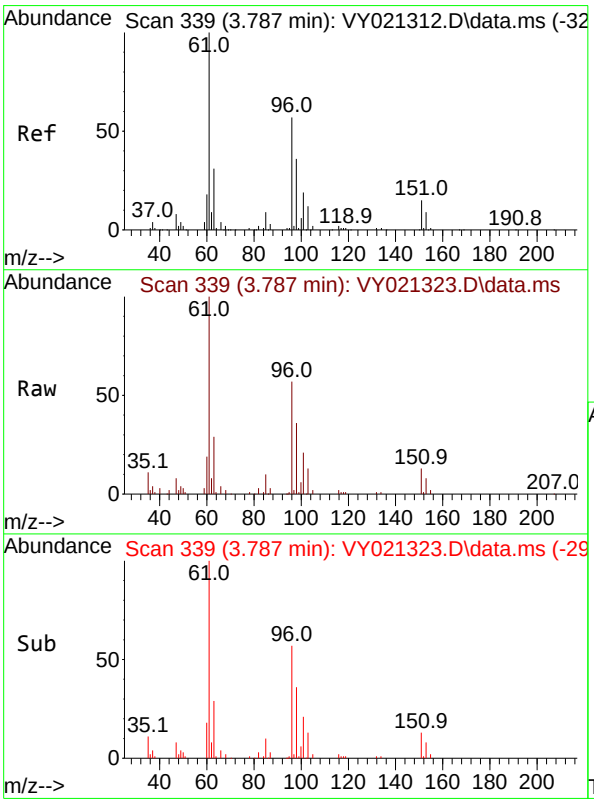
#11
Tert butyl alcohol
Concen: 94.274 ug/l
RT: 4.848 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion: 59 Resp: 15317

Ion	Ratio	Lower	Upper
59	100		
57	9.4	8.3	12.5

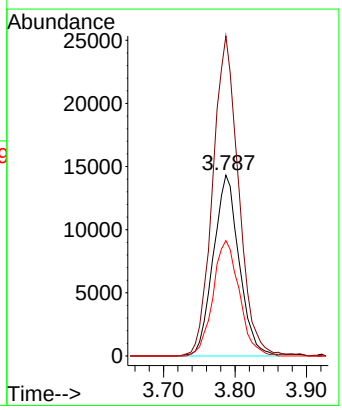


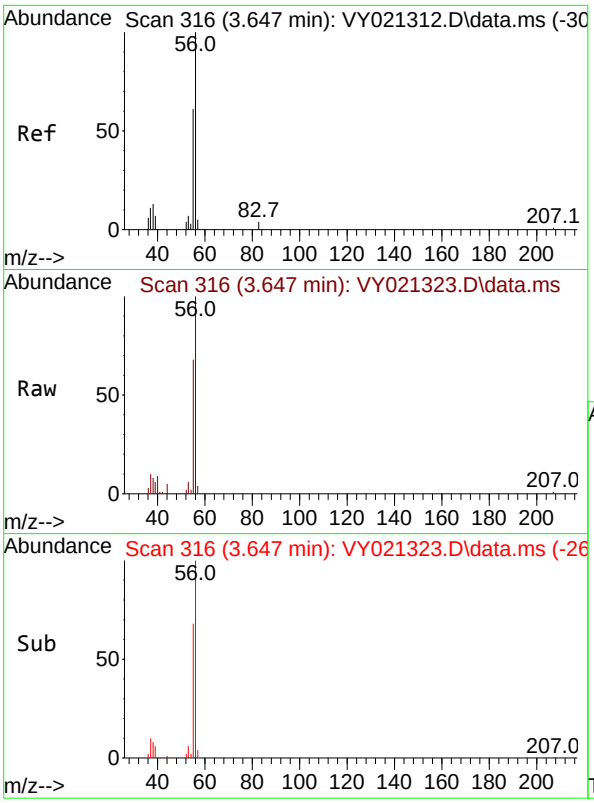


#12
1,1-Dichloroethene
Concen: 19.186 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 96 Resp: 35945

Ion	Ratio	Lower	Upper
96	100		
61	177.0	139.7	209.5
98	63.8	49.7	74.5



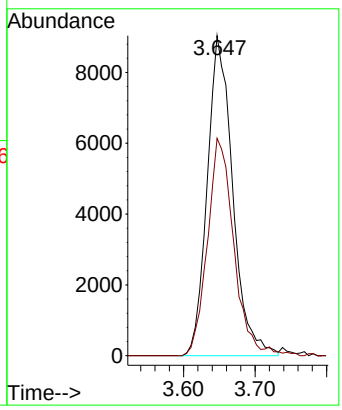


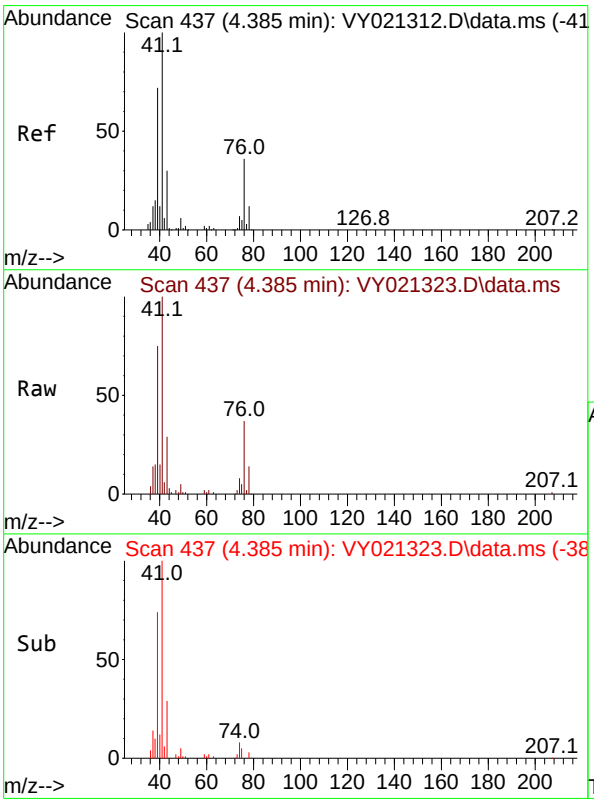
#13
Acrolein
Concen: 179.408 ug/l
RT: 3.647 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion: 56 Resp: 22337

Ion	Ratio	Lower	Upper
56	100		
55	70.6	59.0	88.6

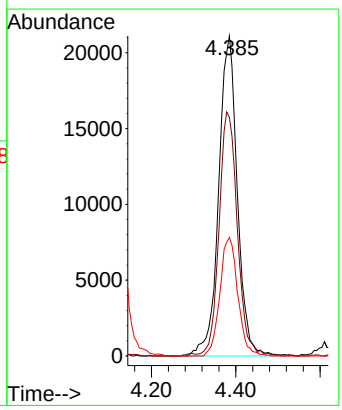


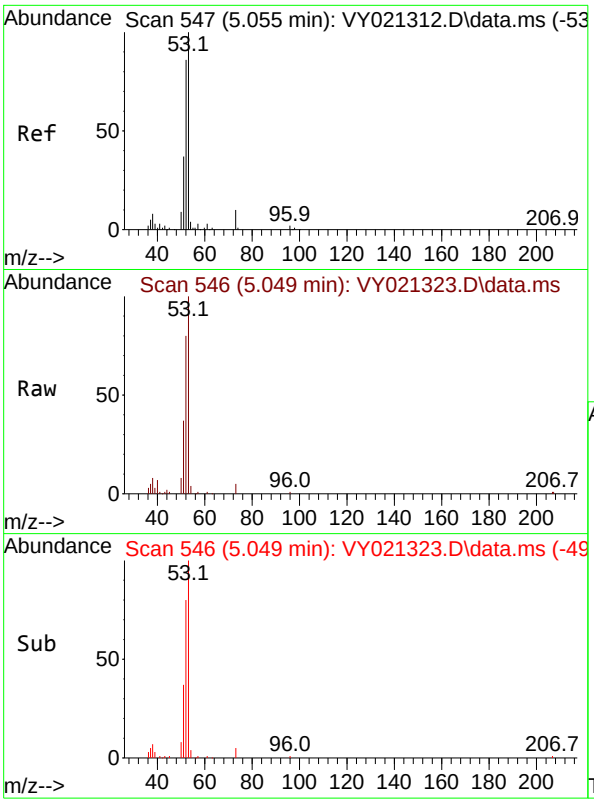


#14
Allyl chloride
Concen: 19.454 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 41 Resp: 64619

Ion	Ratio	Lower	Upper
41	100		
39	74.7	60.0	90.0
76	35.5	29.0	43.6



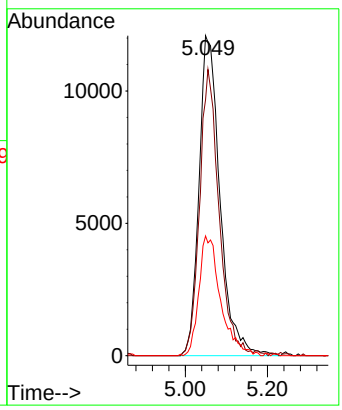


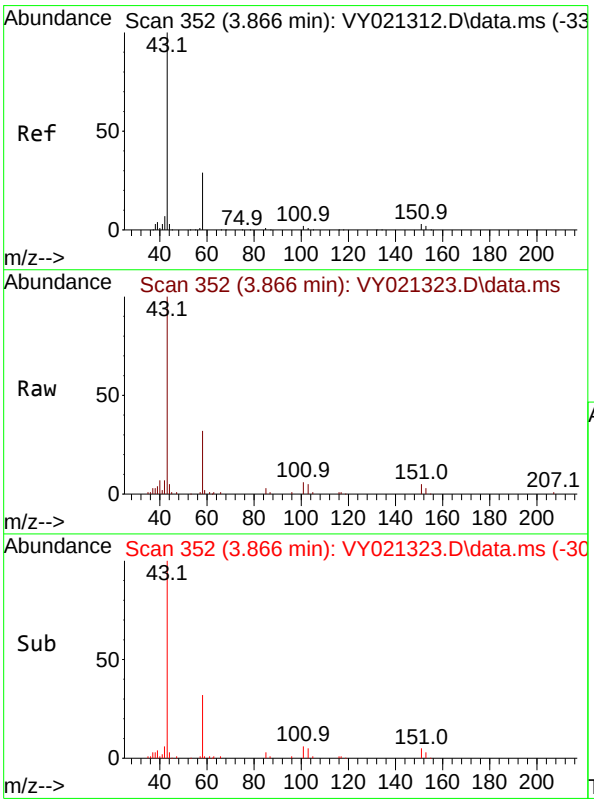
#15
Acrylonitrile
Concen: 95.540 ug/l
RT: 5.049 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion: 53 Resp: 42848

Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.5	98.3
51	38.7	30.6	46.0

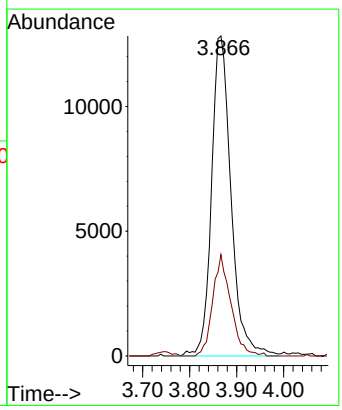


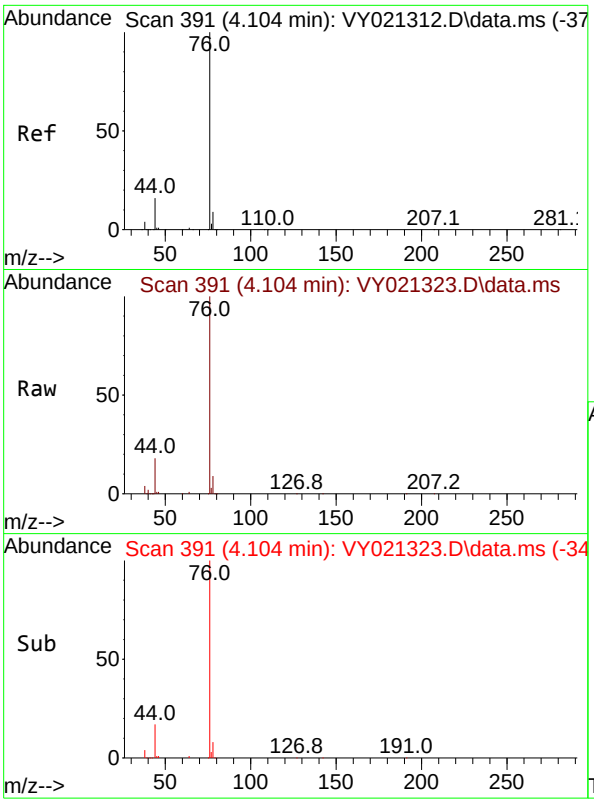


#16
Acetone
Concen: 91.302 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 43 Resp: 36994

Ion	Ratio	Lower	Upper
43	100		
58	31.7	23.5	35.3



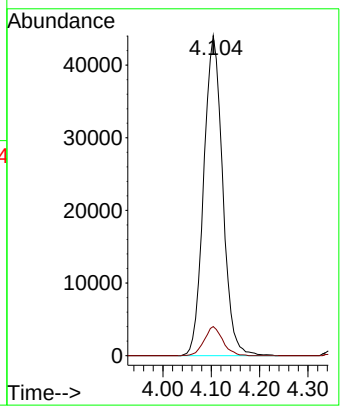


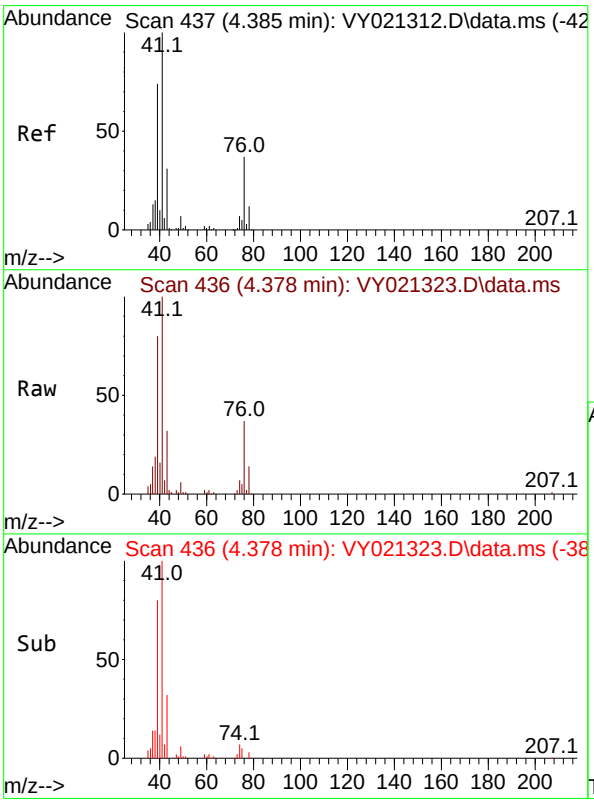
#17
Carbon Disulfide
Concen: 19.240 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion: 76 Resp: 119697

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

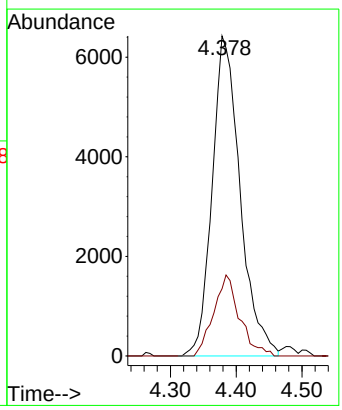


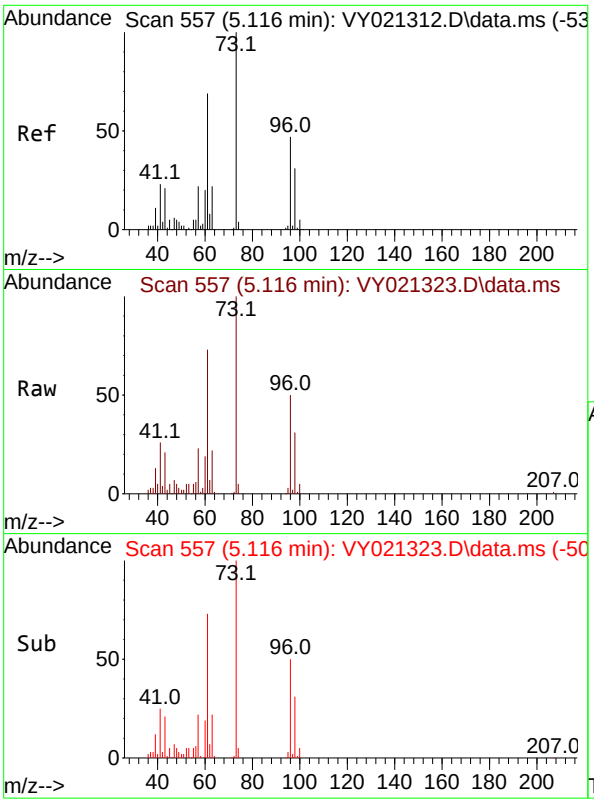


#18
Methyl Acetate
Concen: 19.188 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 43 Resp: 19000

Ion	Ratio	Lower	Upper
43	100		
74	23.5	17.7	26.5



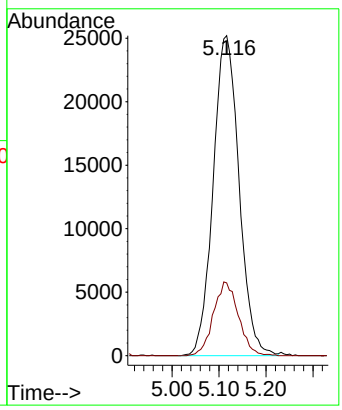


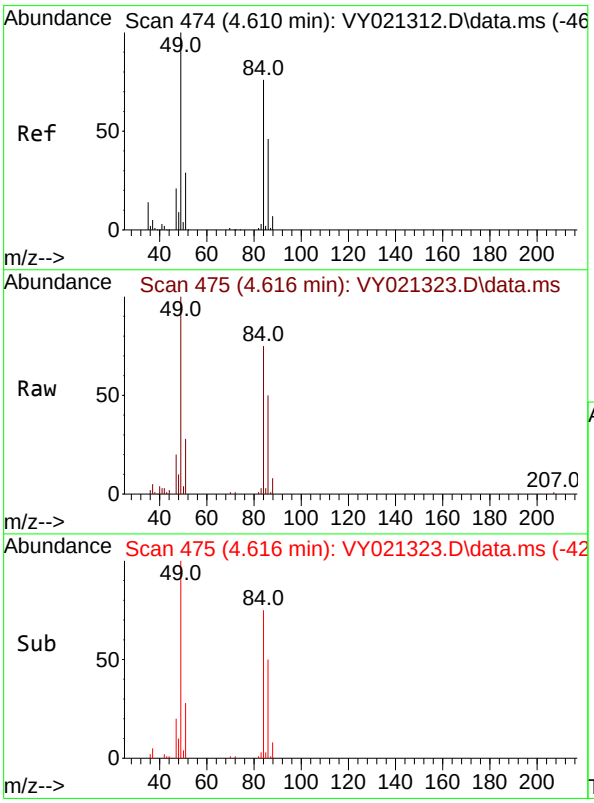
#19
Methyl tert-butyl Ether
Concen: 19.498 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion: 73 Resp: 96512

Ion	Ratio	Lower	Upper
73	100		
57	22.8	17.4	26.0

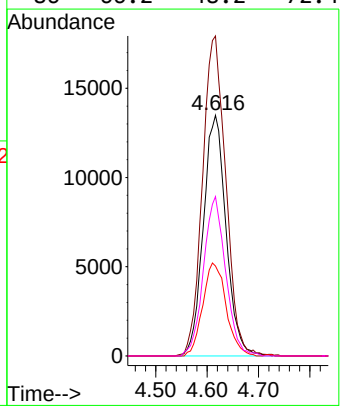


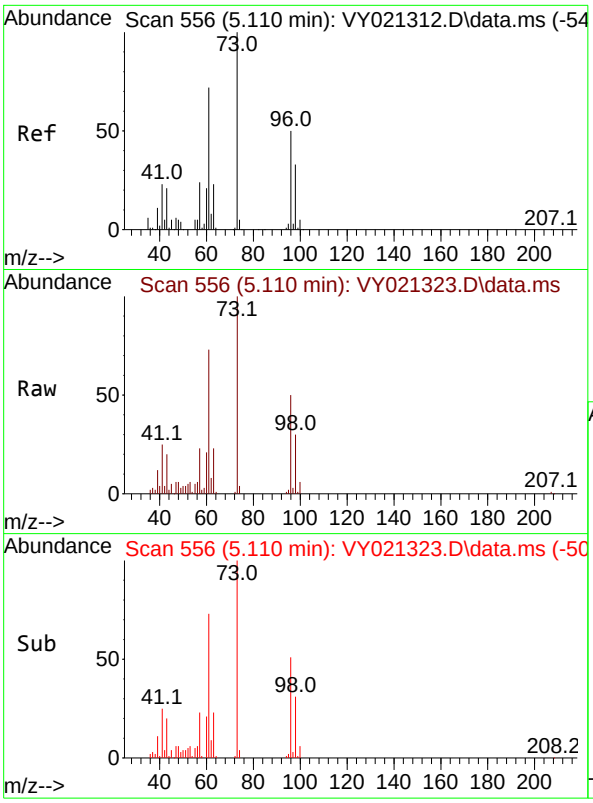


#20
Methylene Chloride
Concen: 18.908 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 84 Resp: 41428

Ion	Ratio	Lower	Upper
84	100		
49	132.6	105.1	157.7
51	37.4	31.0	46.4
86	66.2	48.2	72.4



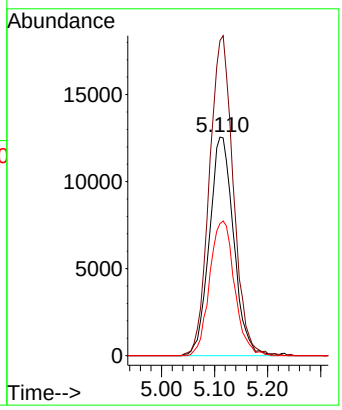


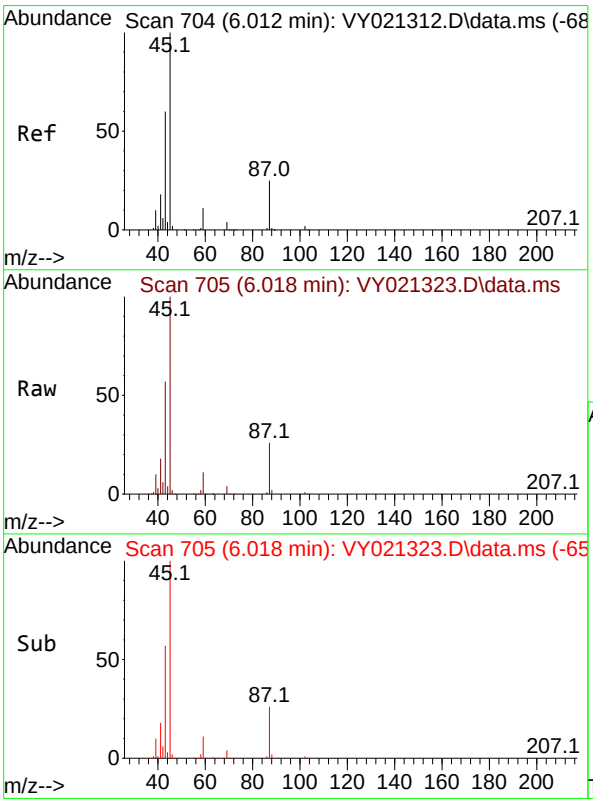
#21
trans-1,2-Dichloroethene
Concen: 19.387 ug/l
RT: 5.110 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion: 96 Resp: 39986

Ion	Ratio	Lower	Upper
96	100		
61	144.1	116.3	174.5
98	60.4	52.6	78.8

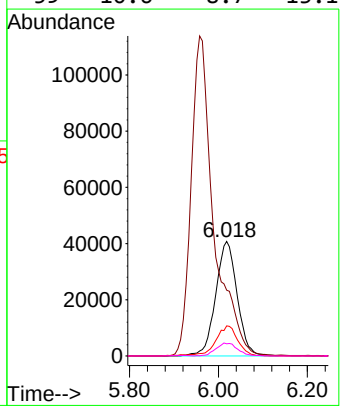


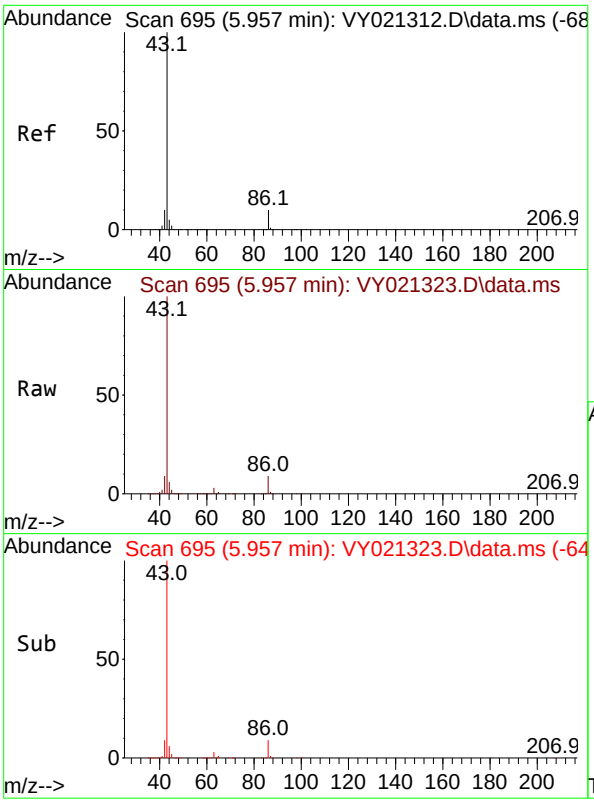


#22
Diisopropyl ether
Concen: 19.868 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 45 Resp: 136570

Ion	Ratio	Lower	Upper
45	100		
43	56.8	48.2	72.4
87	26.3	20.3	30.5
59	10.6	8.7	13.1



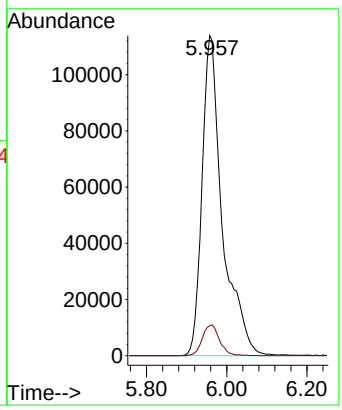


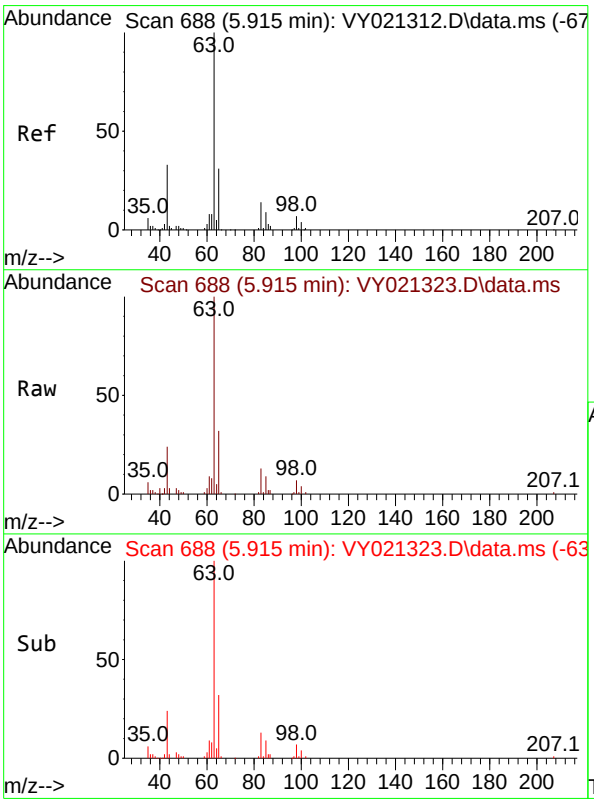
#23
Vinyl Acetate
Concen: 97.548 ug/l
RT: 5.957 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion: 43 Resp: 400683

Ion	Ratio	Lower	Upper
43	100		
86	9.4	8.0	12.0

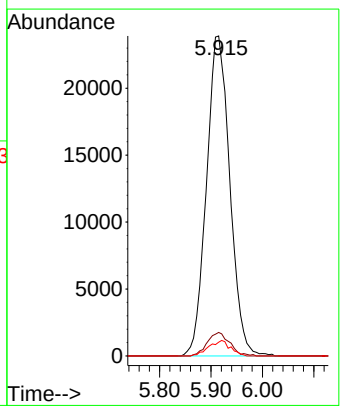


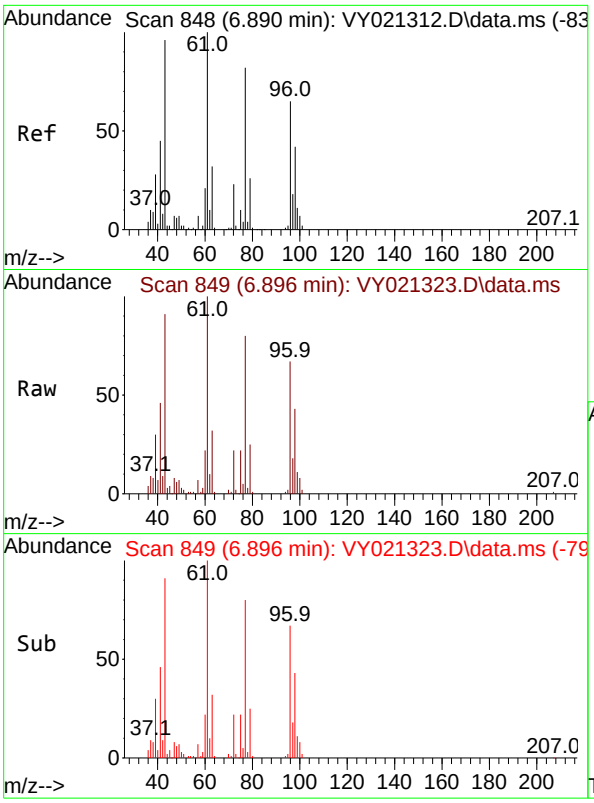


#24
1,1-Dichloroethane
Concen: 19.476 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 63 Resp: 75455

Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.7	11.1
100	4.3	2.1	6.5



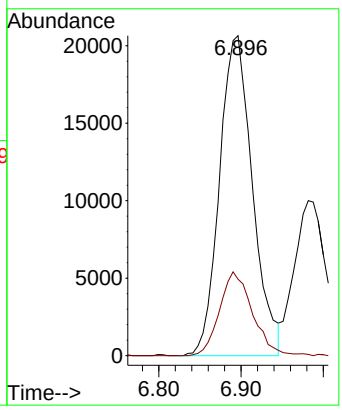


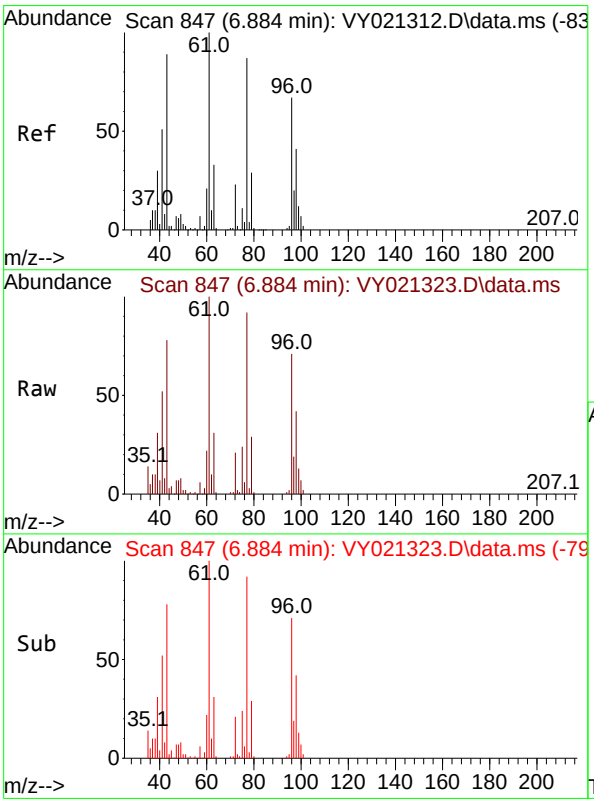
#25
2-Butanone
Concen: 94.416 ug/l
RT: 6.896 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion: 43 Resp: 57737

Ion	Ratio	Lower	Upper
43	100		
72	23.9	19.0	28.6

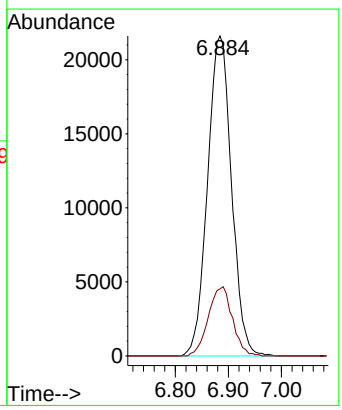


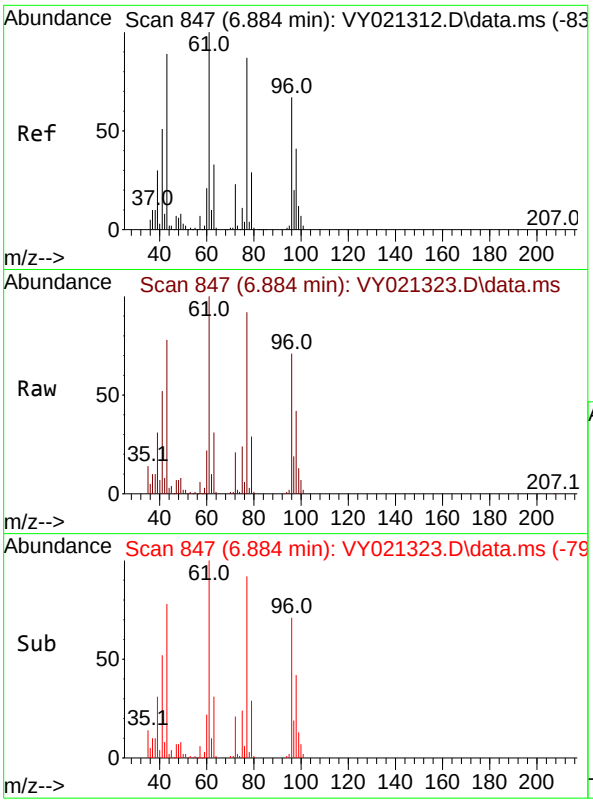


#26
2,2-Dichloropropane
Concen: 19.300 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 77 Resp: 67846

Ion	Ratio	Lower	Upper
77	100		
97	21.7	10.9	32.7



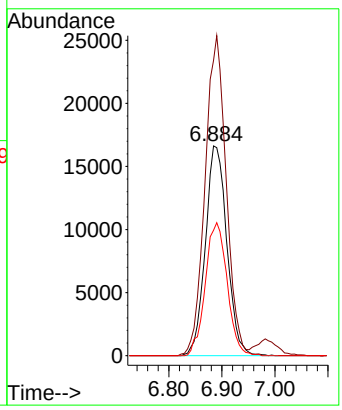


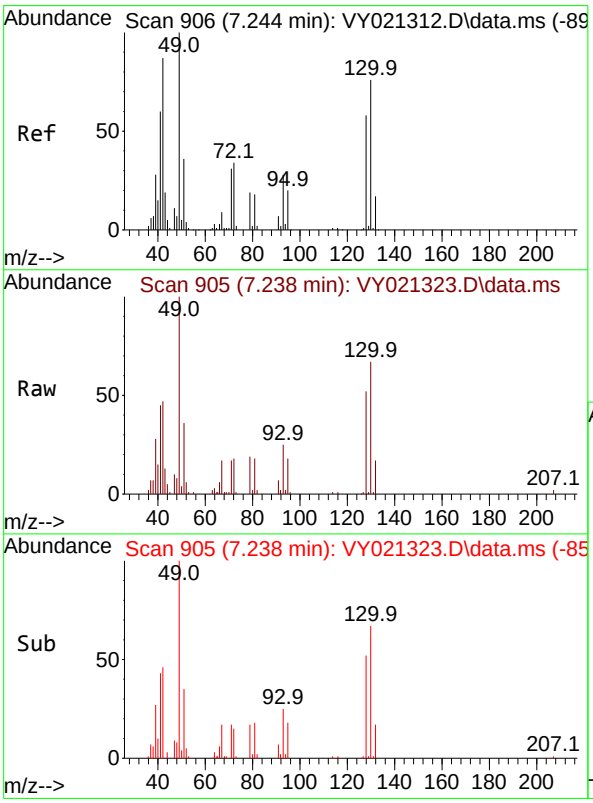
#27
cis-1,2-Dichloroethene
Concen: 19.905 ug/l
RT: 6.884 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion: 96 Resp: 46880

Ion	Ratio	Lower	Upper
96	100		
61	150.0	0.0	308.0
98	64.4	0.0	129.6

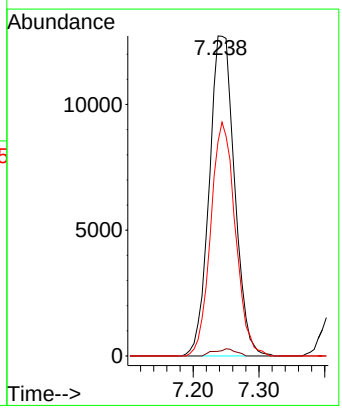


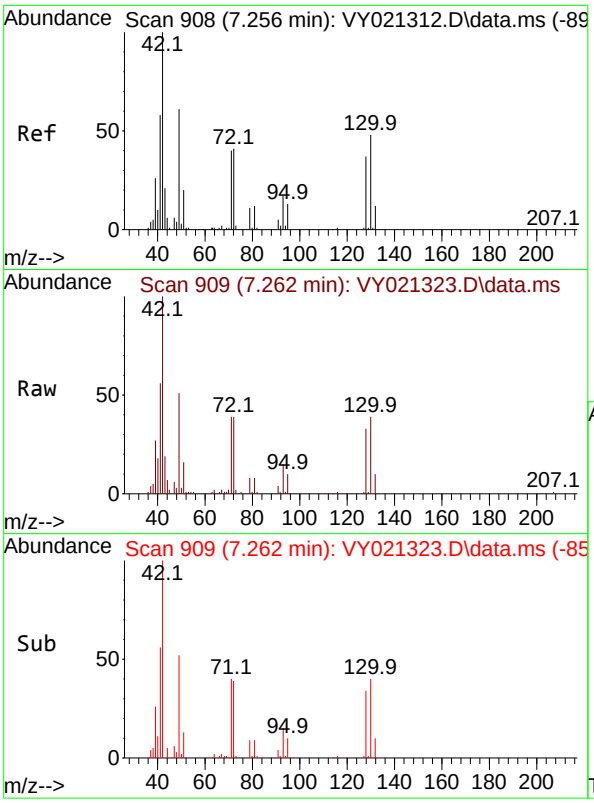


#28
Bromochloromethane
Concen: 19.882 ug/l
RT: 7.238 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 49 Resp: 34082

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	71.0	57.8	86.6



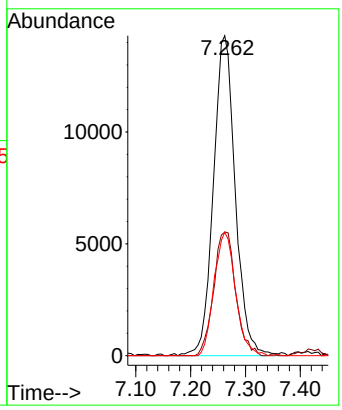


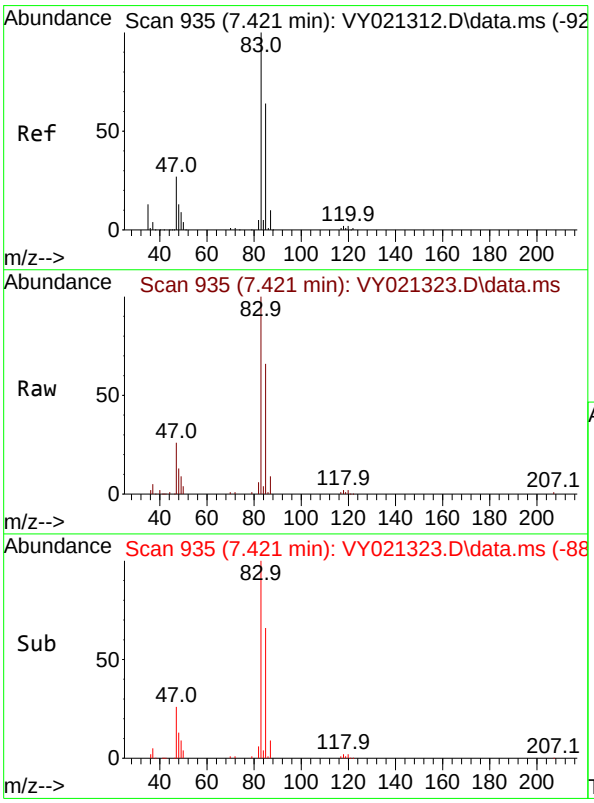
#29
Tetrahydrofuran
Concen: 99.167 ug/l
RT: 7.262 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion: 42 Resp: 39639

Ion	Ratio	Lower	Upper
42	100		
72	39.0	33.1	49.7
71	37.9	31.4	47.0

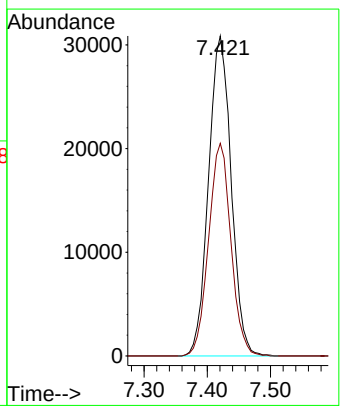


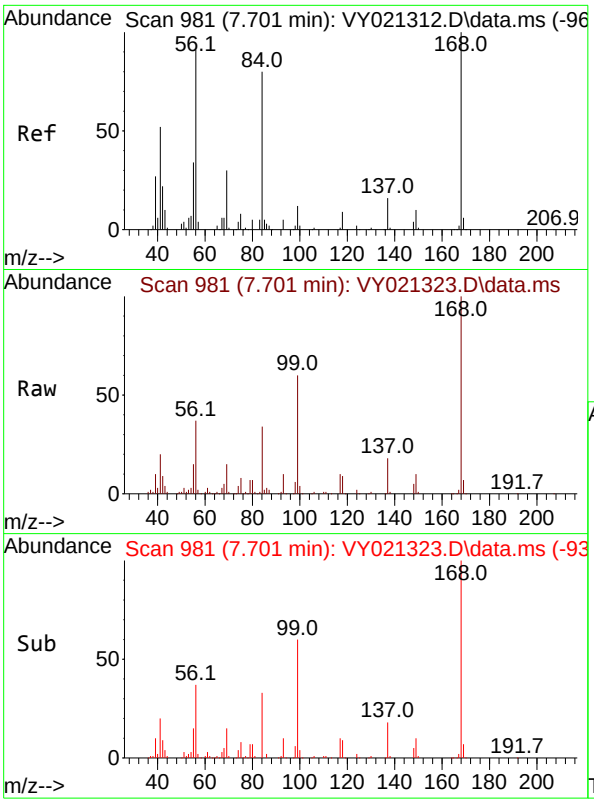


#30
Chloroform
Concen: 19.537 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 83 Resp: 76696

Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.6	77.4



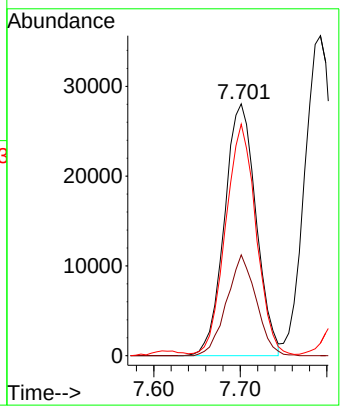


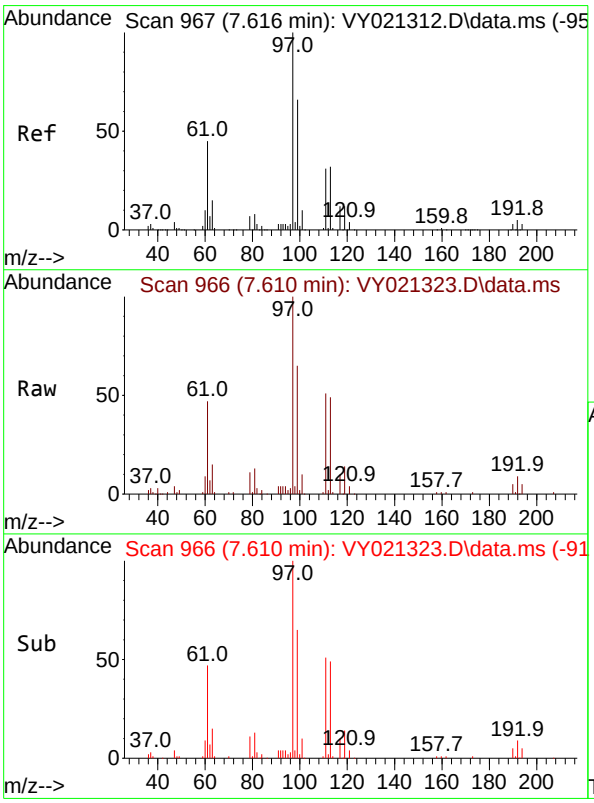
#31
Cyclohexane
Concen: 19.104 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion: 56 Resp: 71145

Ion	Ratio	Lower	Upper
56	100		
69	40.1	26.2	39.4#
84	90.8	70.2	105.4

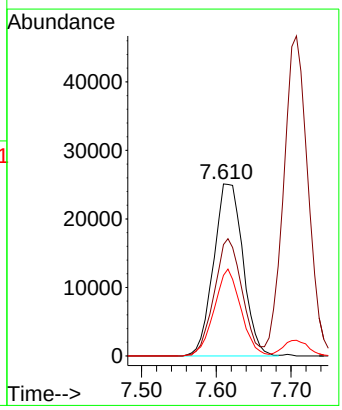


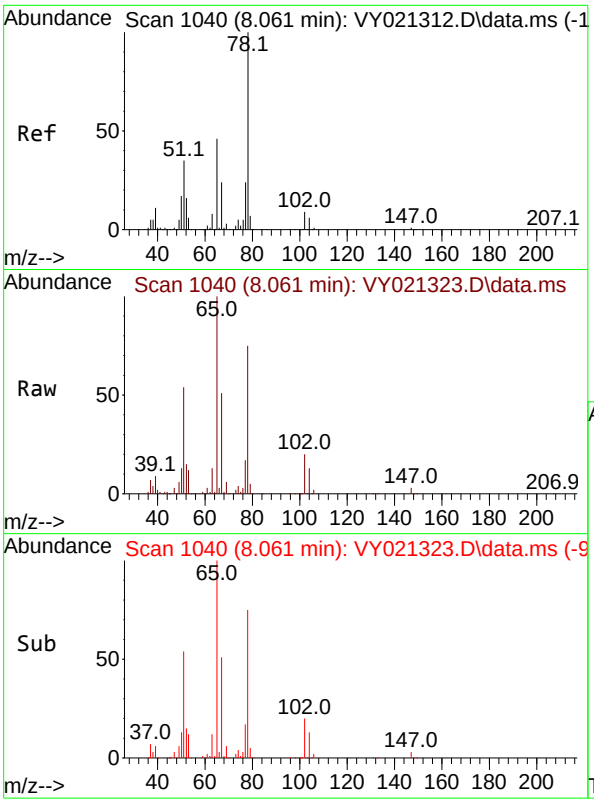


#32
1,1,1-Trichloroethane
Concen: 19.226 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 97 Resp: 68700

Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.4	78.6
61	45.9	36.2	54.2



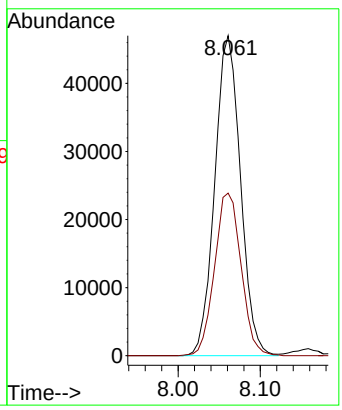


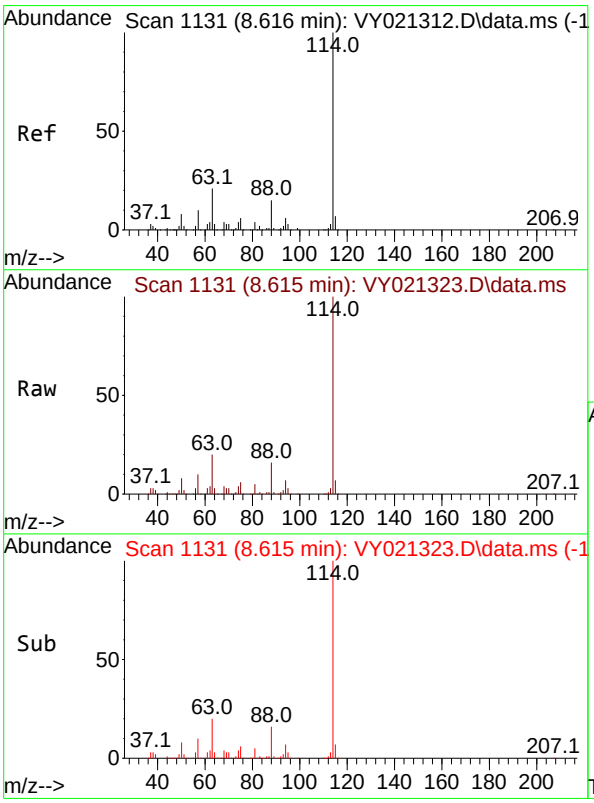
#33
1,2-Dichloroethane-d4
Concen: 48.451 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion: 65 Resp: 102341

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	103.6

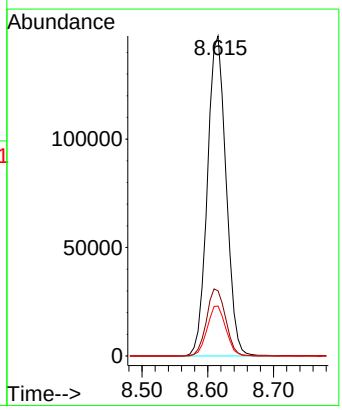


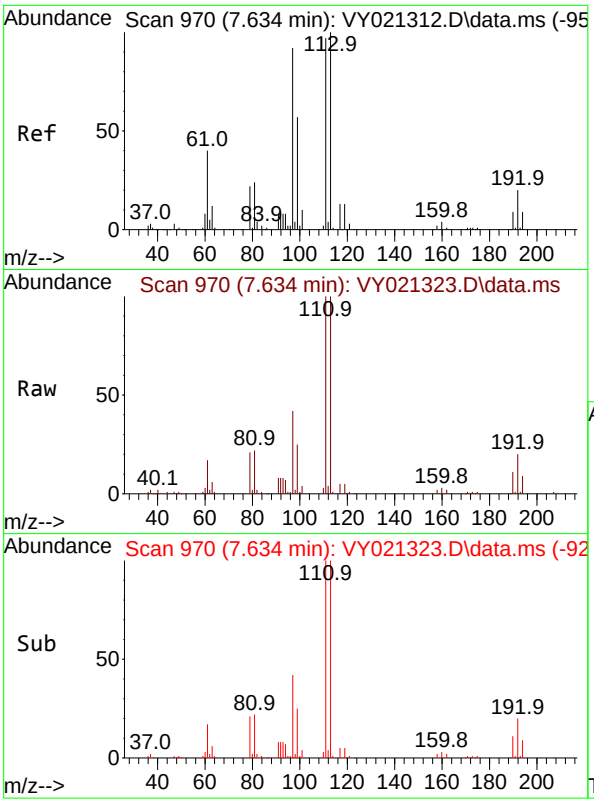


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:114 Resp: 292071

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.2
88	15.6	0.0	29.8



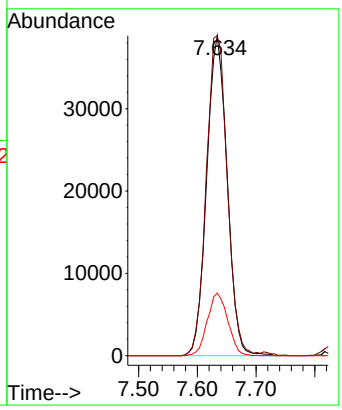


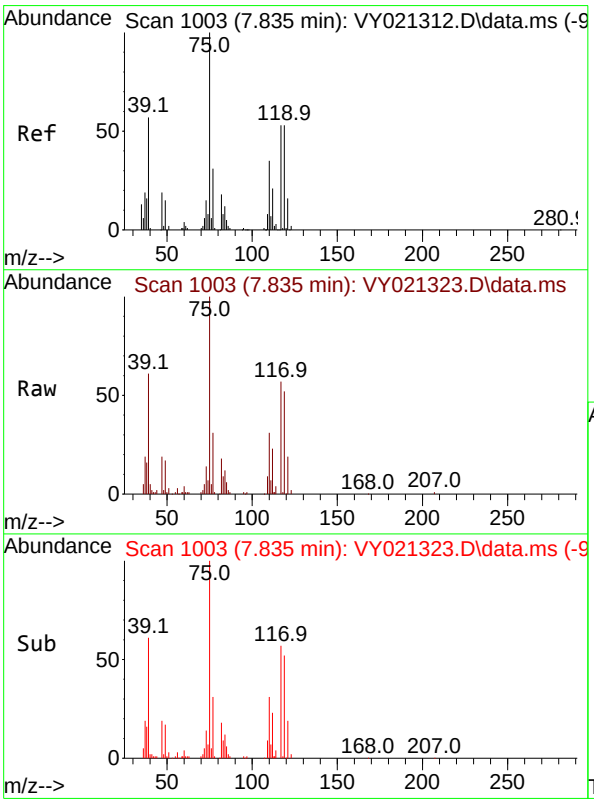
#35
Dibromofluoromethane
Concen: 49.120 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion:113 Resp: 94057

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.0	121.6
192	19.6	15.8	23.8

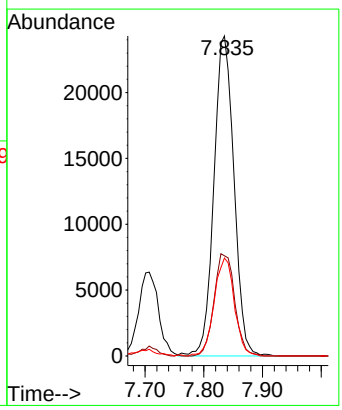


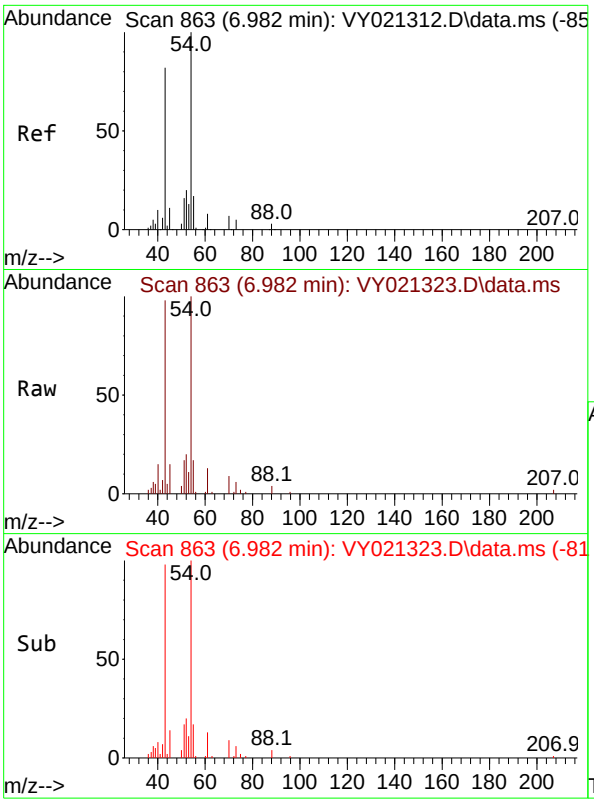


#36
1,1-Dichloropropene
Concen: 20.043 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 75 Resp: 57651

Ion	Ratio	Lower	Upper
75	100		
110	32.9	16.9	50.7
77	30.8	24.6	36.8



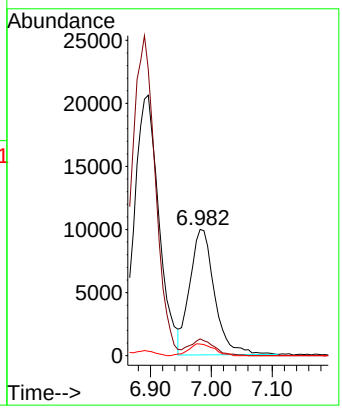


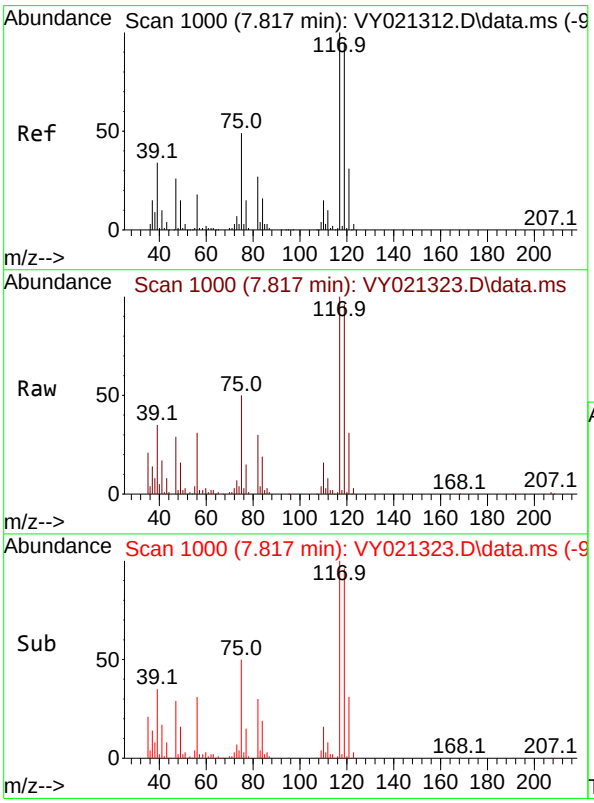
#37
Ethyl Acetate
Concen: 19.665 ug/l
RT: 6.982 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion: 43 Resp: 28136

Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.4	15.6
70	9.5	7.5	11.3

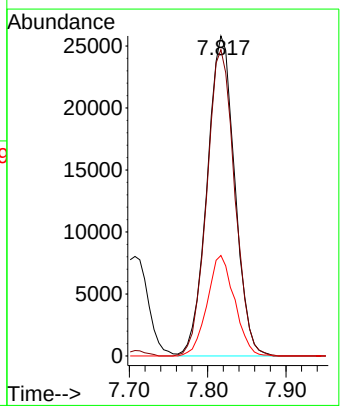


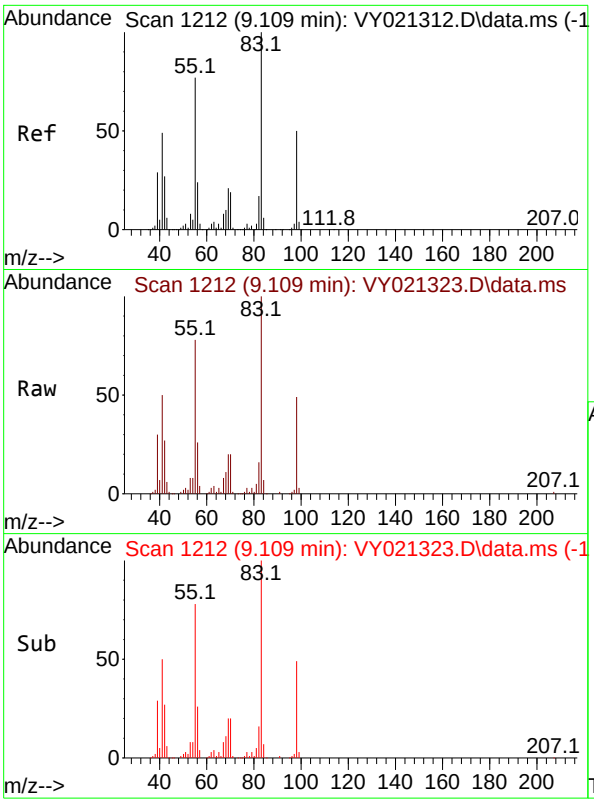


#38
Carbon Tetrachloride
Concen: 19.587 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:117 Resp: 63336

Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.0	114.0
121	31.4	24.9	37.3



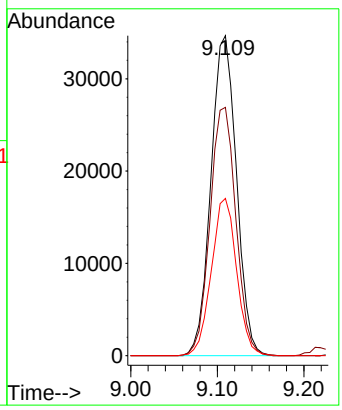


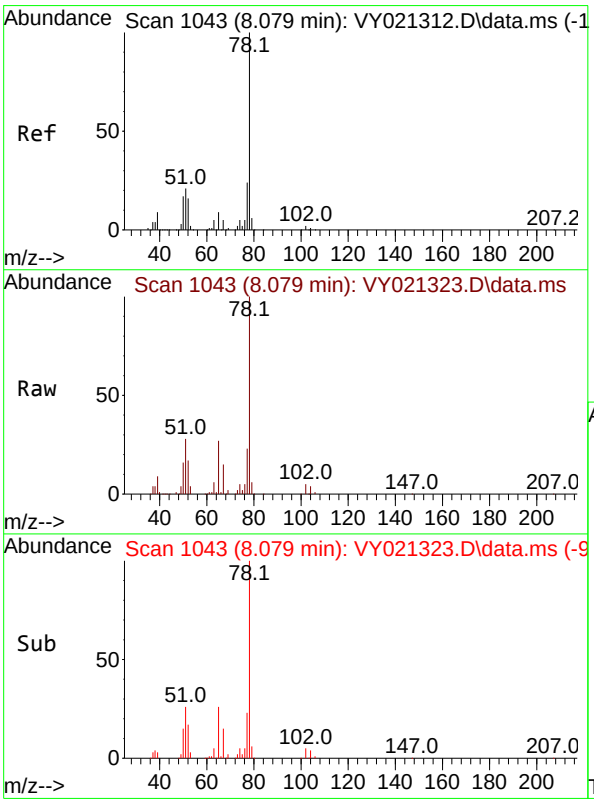
#39
Methylcyclohexane
Concen: 19.543 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion: 83 Resp: 71099

Ion	Ratio	Lower	Upper
83	100		
55	77.6	61.3	91.9
98	49.2	39.9	59.9

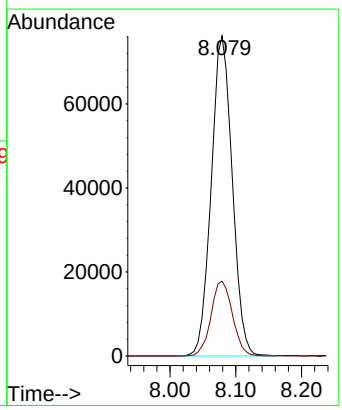


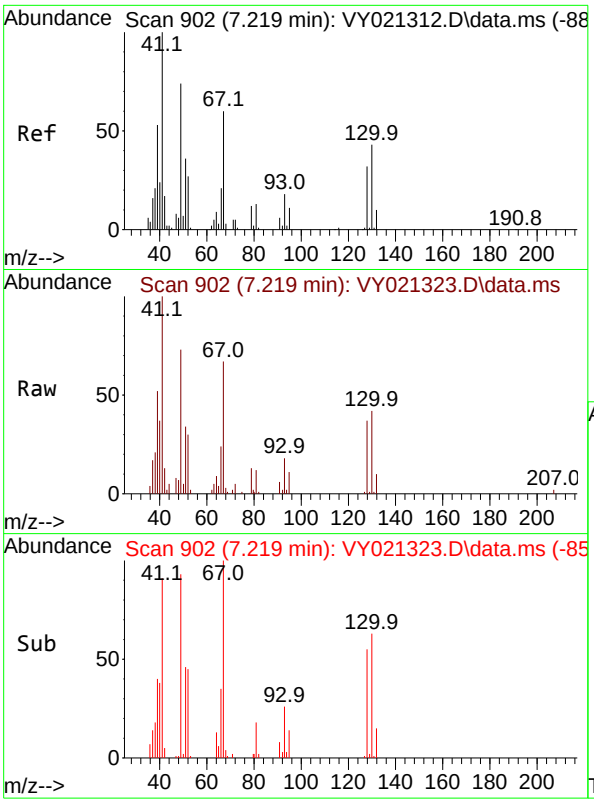


#40
Benzene
Concen: 19.922 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 78 Resp: 169384

Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.2	28.8



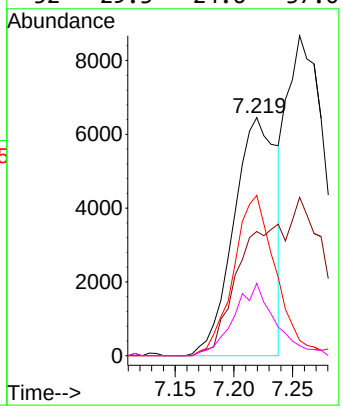


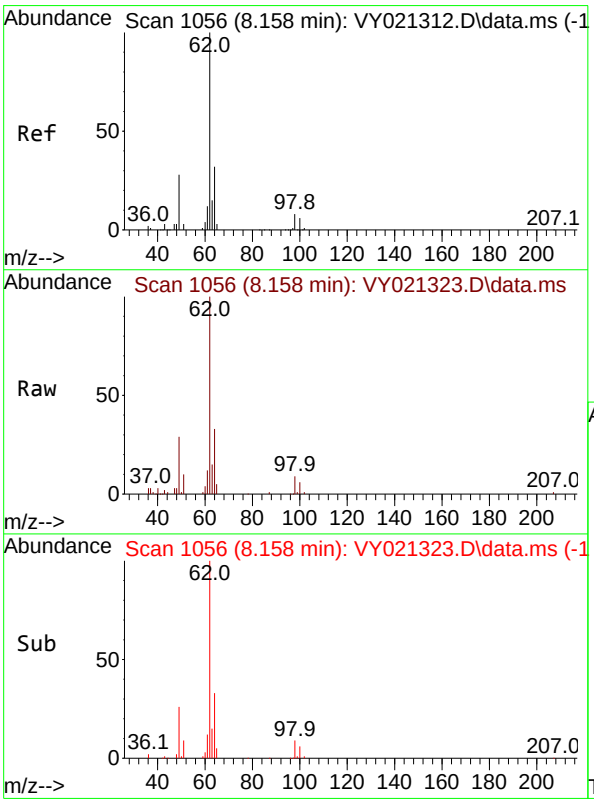
#41
Methacrylonitrile
Concen: 20.455 ug/l
RT: 7.219 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion: 41 Resp: 16363

Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.3	63.5#
67	66.9	54.8	82.2
52	29.3	24.6	37.0

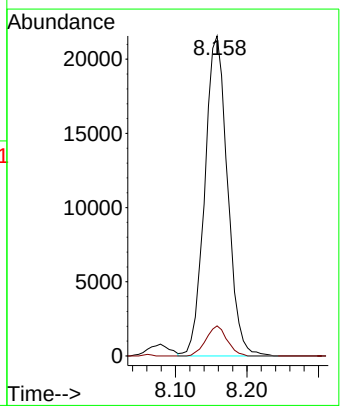


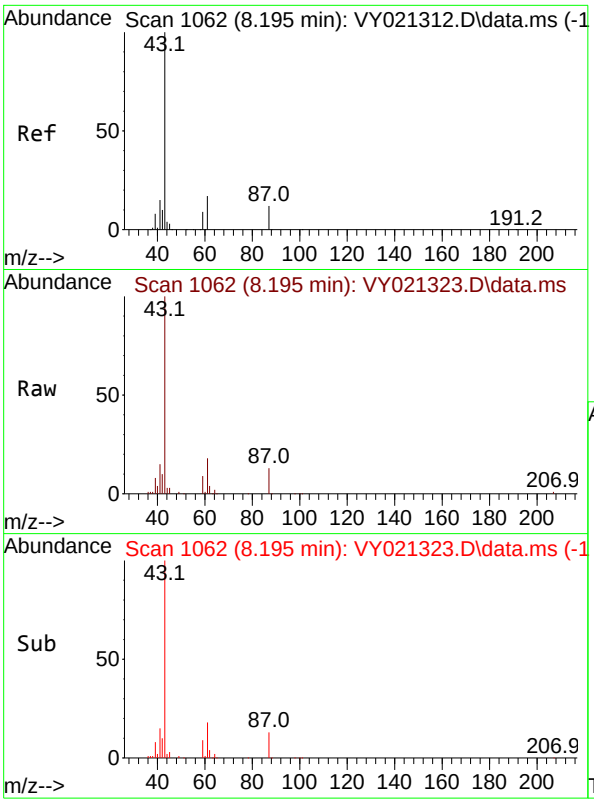


#42
1,2-Dichloroethane
Concen: 19.718 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 62 Resp: 47566

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.6



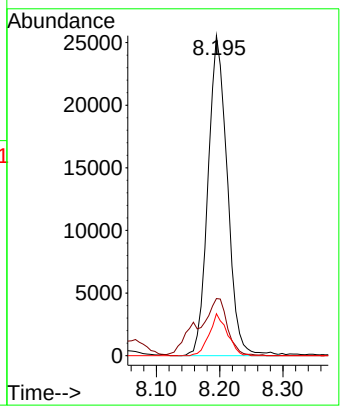


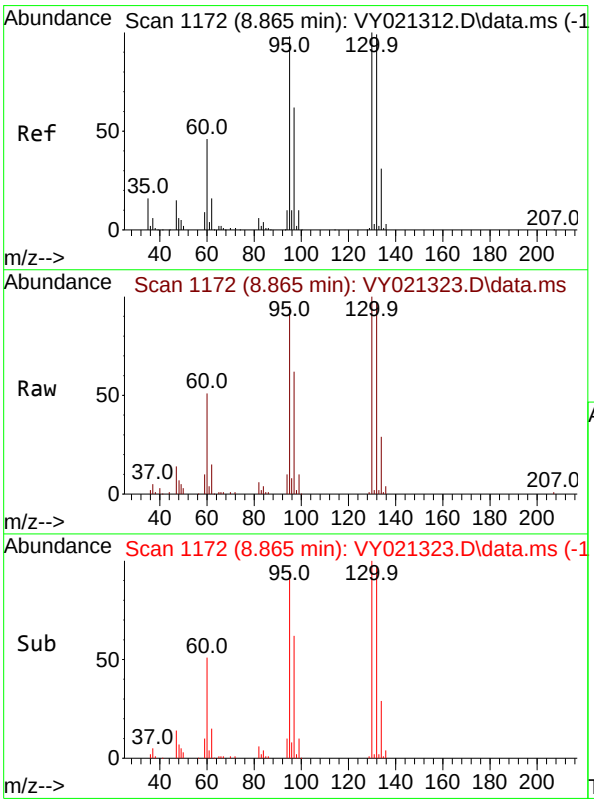
#43
Isopropyl Acetate
Concen: 19.618 ug/l
RT: 8.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion: 43 Resp: 54330

Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.0	22.6
87	12.2	10.0	15.0

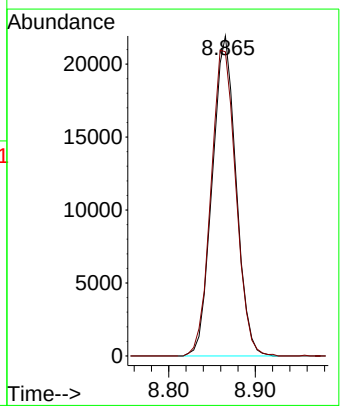


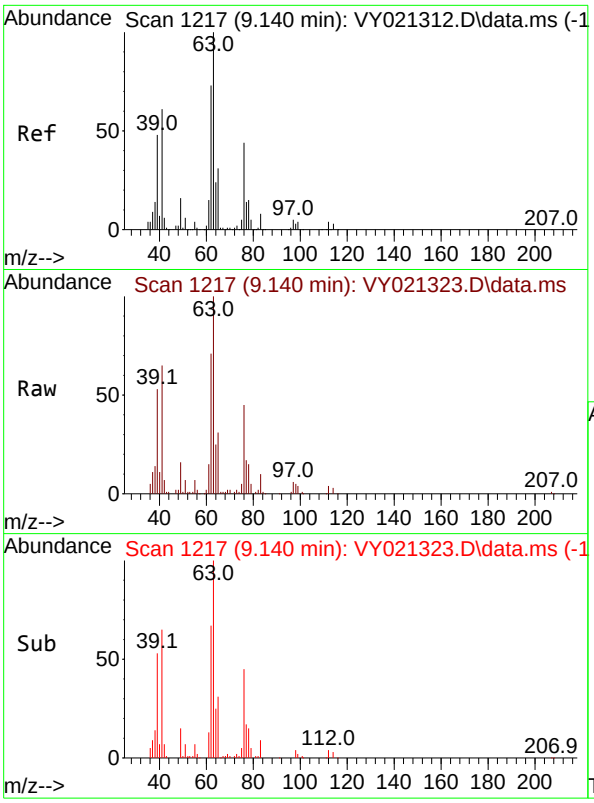


#44
Trichloroethene
Concen: 19.638 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:130 Resp: 41805

Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	196.0



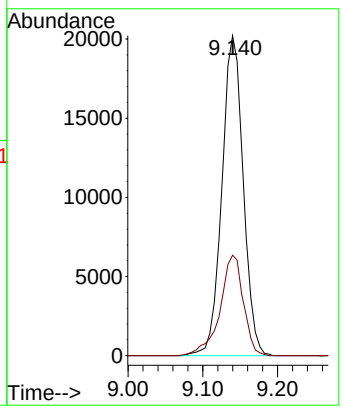


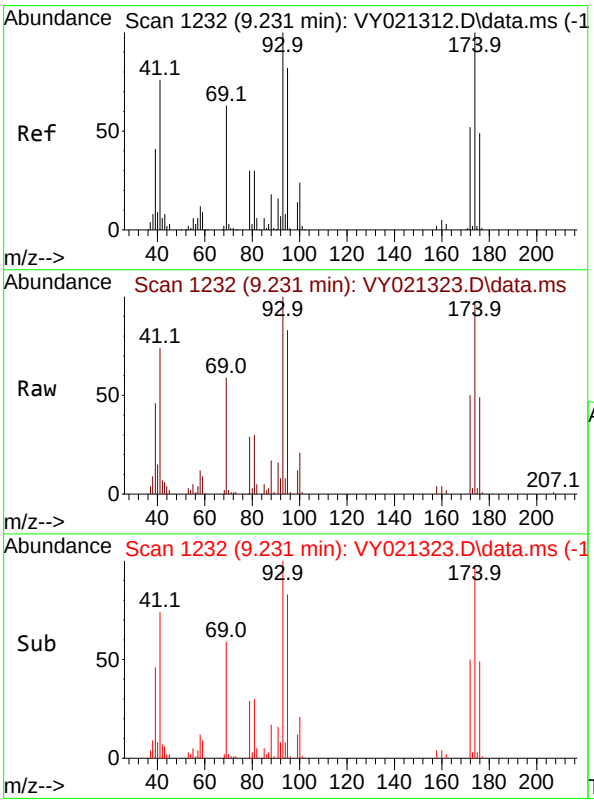
#45
1,2-Dichloropropane
Concen: 19.592 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion: 63 Resp: 40089

Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.6	36.8

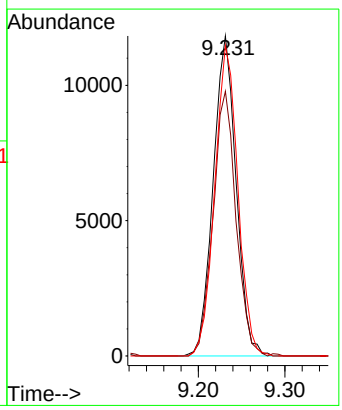


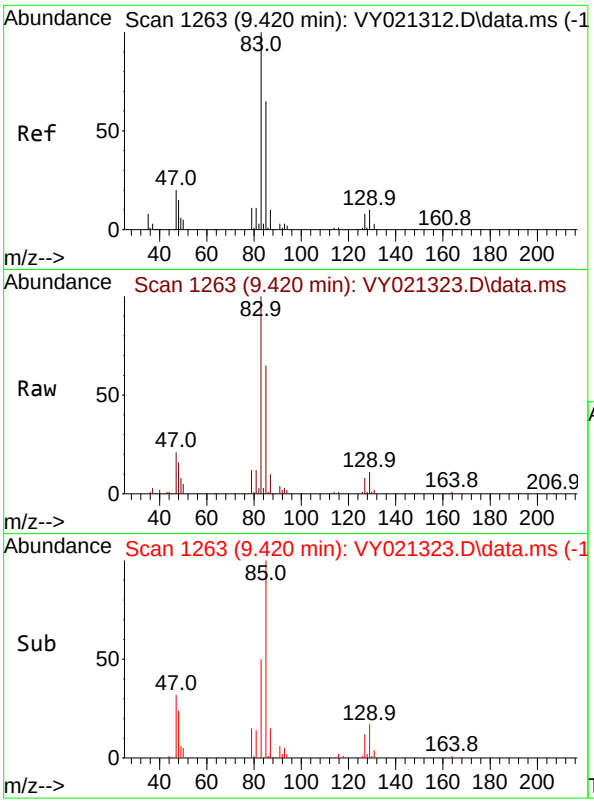


#46
Dibromomethane
Concen: 19.425 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 93 Resp: 21727

Ion	Ratio	Lower	Upper
93	100		
95	82.6	66.4	99.6
174	97.9	78.2	117.2



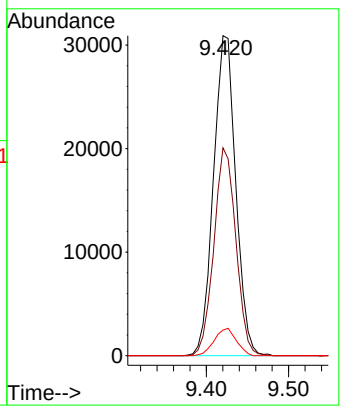


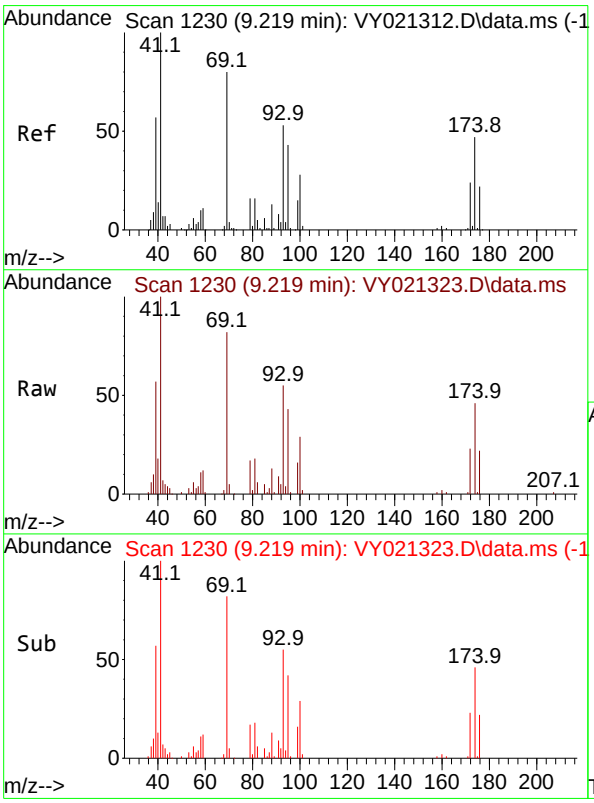
#47
Bromodichloromethane
Concen: 19.487 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion: 83 Resp: 58116

Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.8	77.8
127	8.0	6.7	10.1

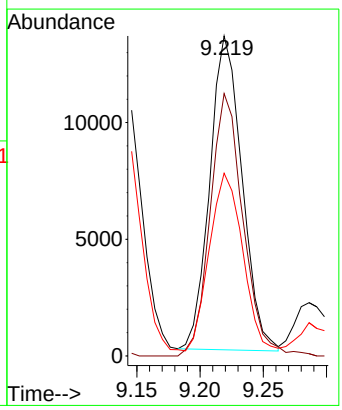


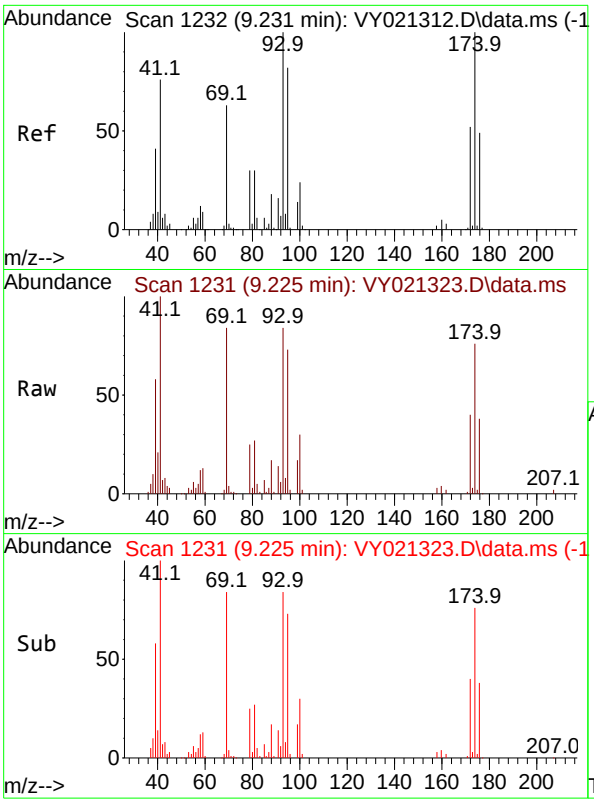


#48
Methyl methacrylate
Concen: 18.368 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 41 Resp: 23787

Ion	Ratio	Lower	Upper
41	100		
69	85.5	63.3	94.9
39	58.8	45.0	67.6



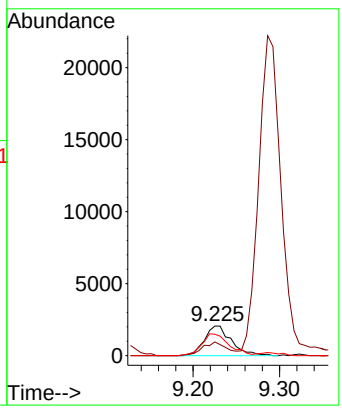


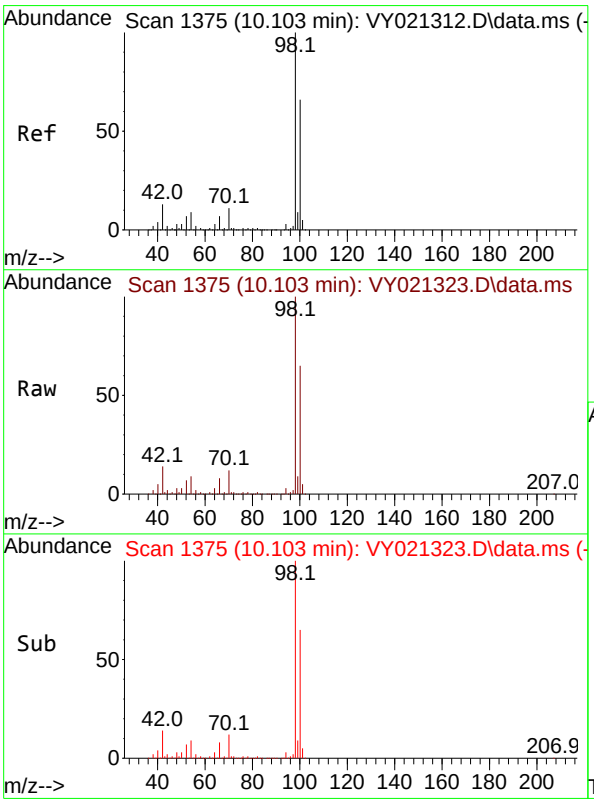
#49
1,4-Dioxane
Concen: 358.943 ug/l
RT: 9.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion: 88 Resp: 4464

Ion	Ratio	Lower	Upper
88	100		
43	41.5	34.8	52.2
58	74.4	59.8	89.6

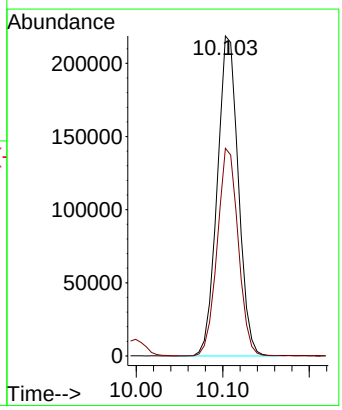


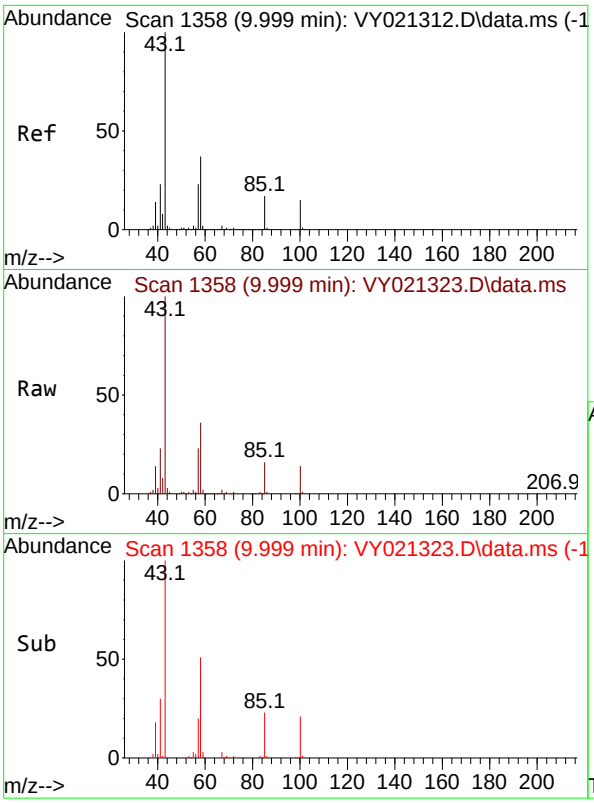


#50
Toluene-d8
Concen: 49.924 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 98 Resp: 369458

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.4	78.6



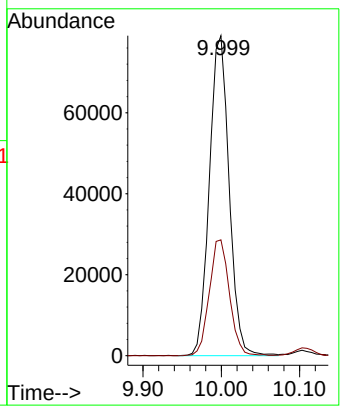


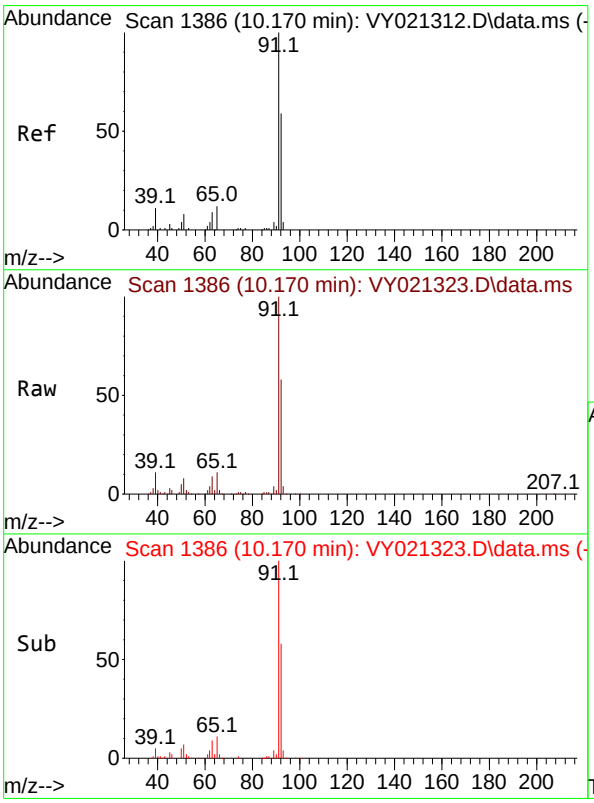
#51
4-Methyl-2-Pentanone
Concen: 97.751 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion: 43 Resp: 138572

Ion	Ratio	Lower	Upper
43	100		
58	36.9	30.1	45.1

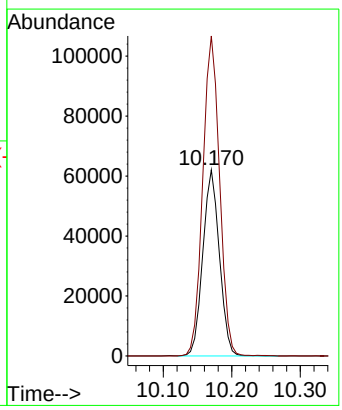


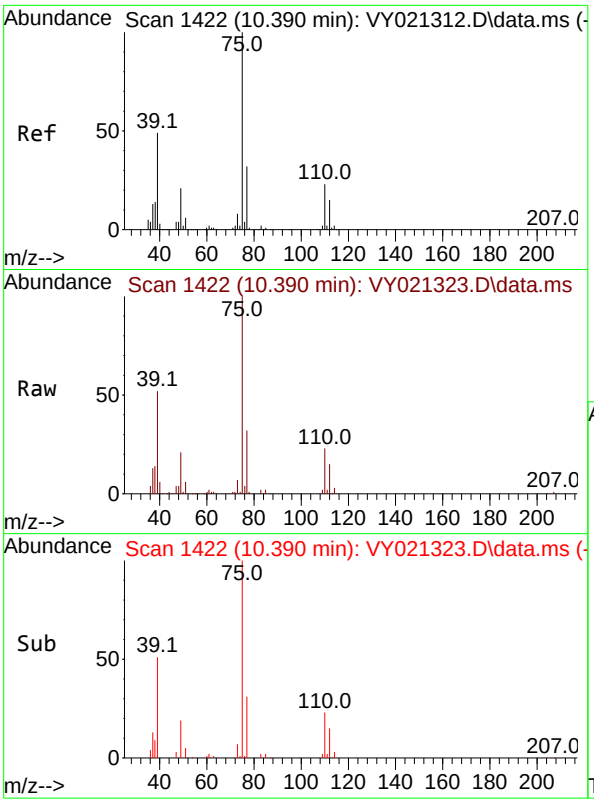


#52
Toluene
Concen: 19.738 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 92 Resp: 104255

Ion	Ratio	Lower	Upper
92	100		
91	174.9	137.8	206.8



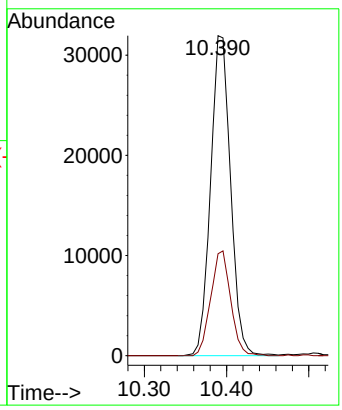


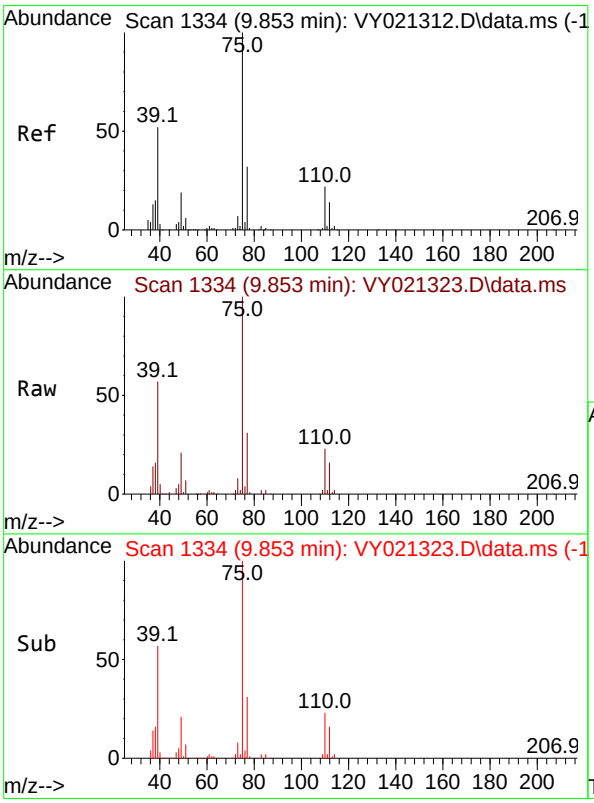
#53
t-1,3-Dichloropropene
Concen: 19.755 ug/l
RT: 10.390 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion: 75 Resp: 53978

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.3	37.9

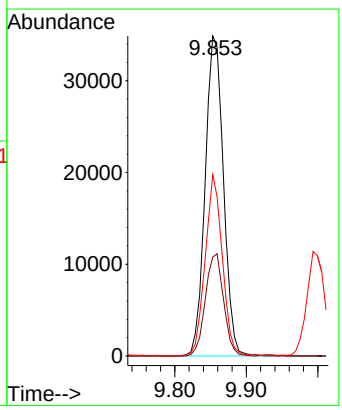


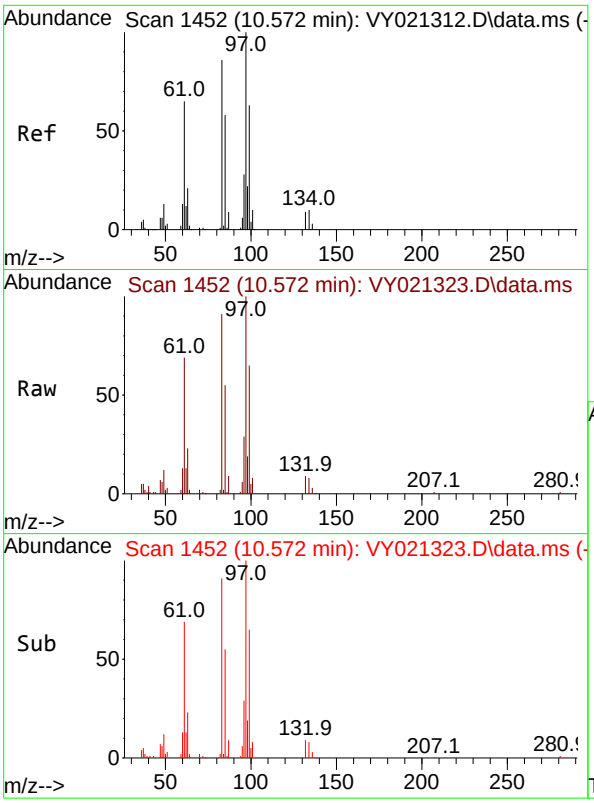


#54
cis-1,3-Dichloropropene
Concen: 19.260 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 75 Resp: 62124

Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.7	38.5
39	56.7	41.8	62.6



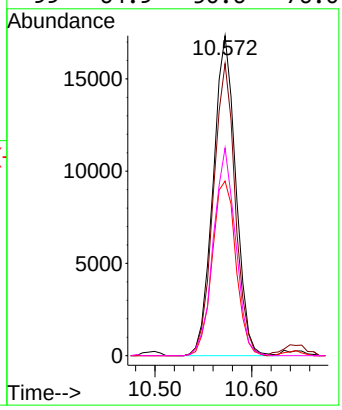


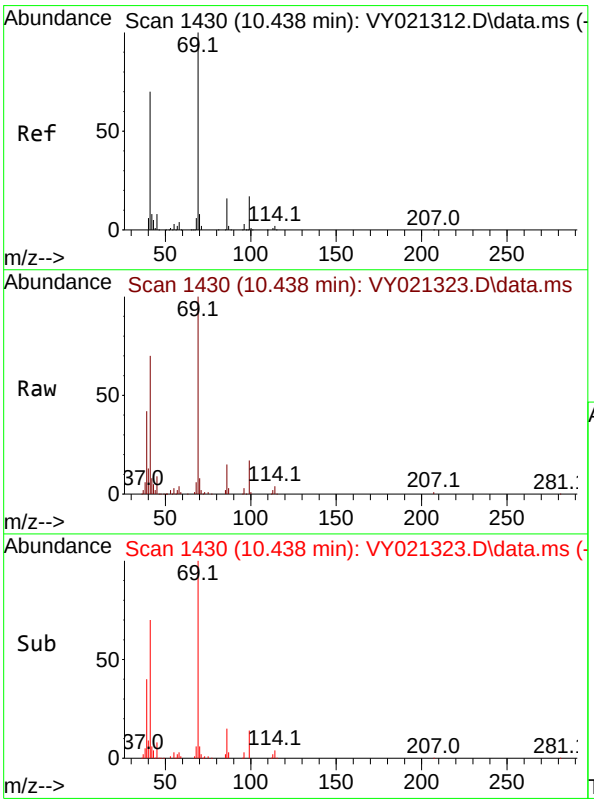
#55
1,1,2-Trichloroethane
Concen: 19.373 ug/l
RT: 10.572 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion: 97 Resp: 28227

Ion	Ratio	Lower	Upper
97	100		
83	91.3	68.7	103.1
85	54.5	46.3	69.5
99	64.9	50.6	76.0

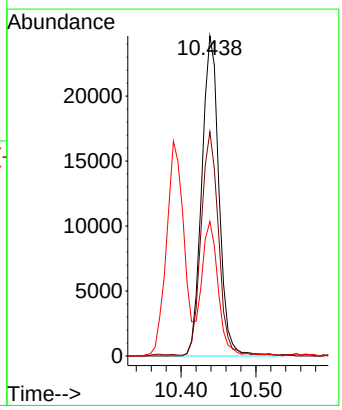


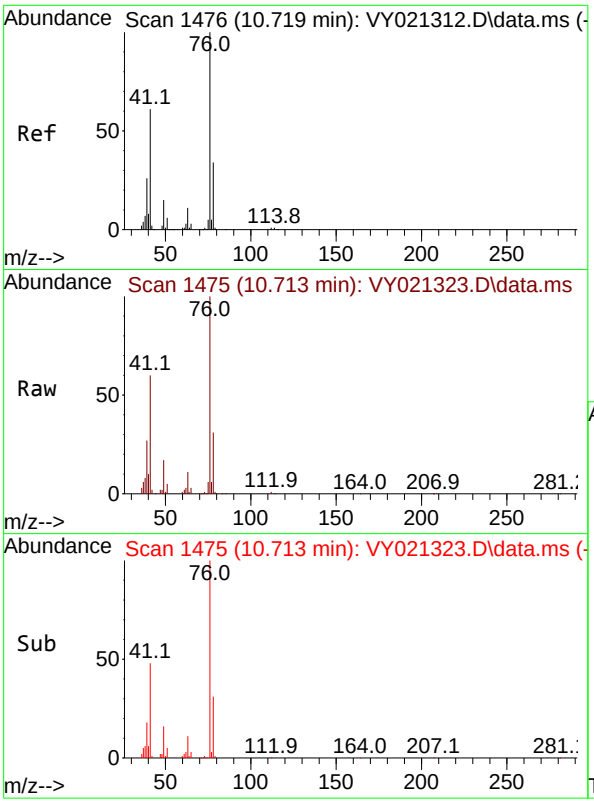


#56
Ethyl methacrylate
Concen: 19.530 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 69 Resp: 39319

Ion	Ratio	Lower	Upper
69	100		
41	70.5	56.2	84.4
39	41.9	32.7	49.1



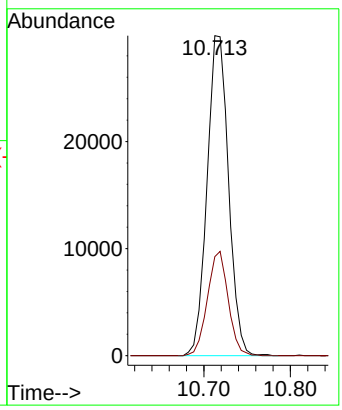


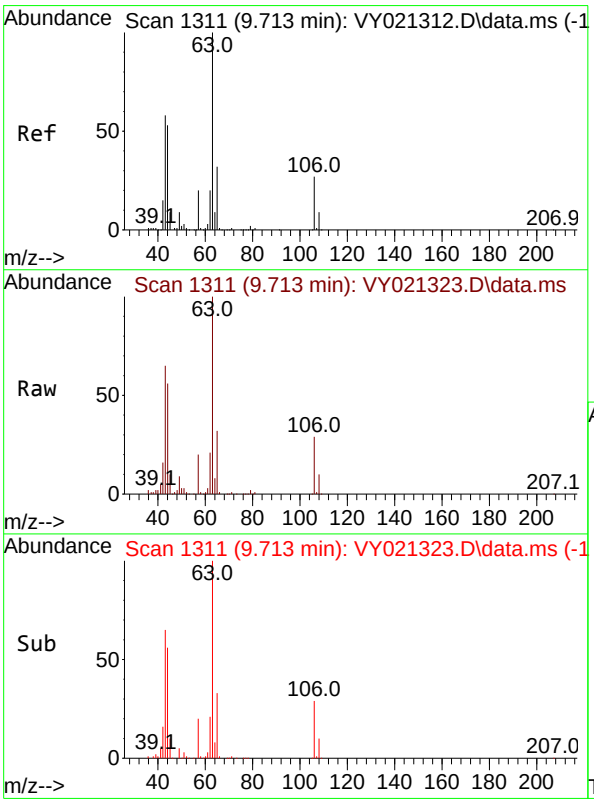
#57
1,3-Dichloropropane
Concen: 20.102 ug/l
RT: 10.713 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion: 76 Resp: 51397

Ion	Ratio	Lower	Upper
76	100		
78	31.5	25.9	38.9

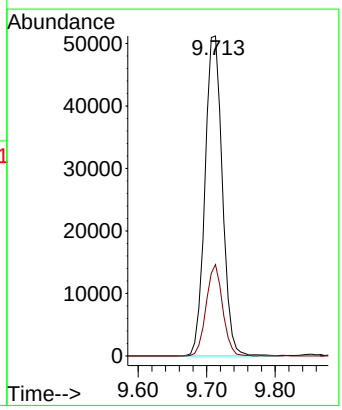


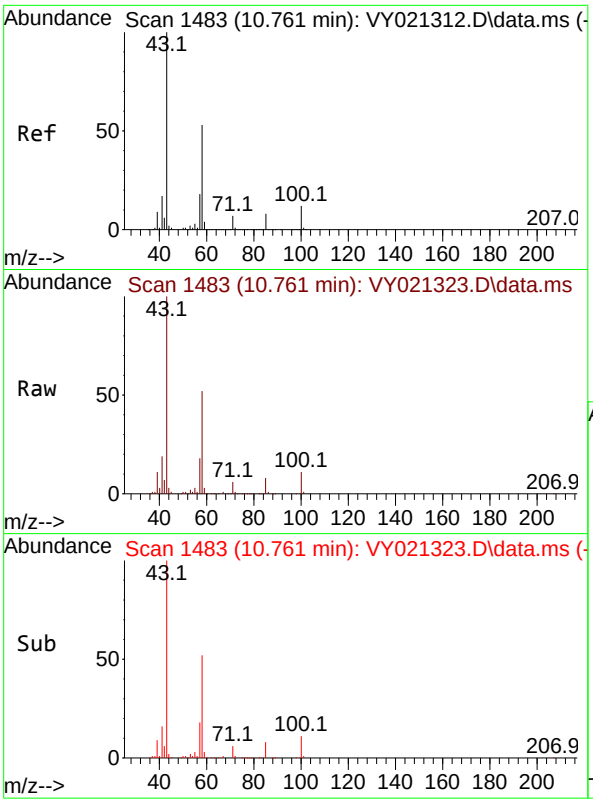


#58
2-Chloroethyl Vinyl ether
Concen: 93.158 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 63 Resp: 90024

Ion	Ratio	Lower	Upper
63	100		
106	27.1	21.7	32.5



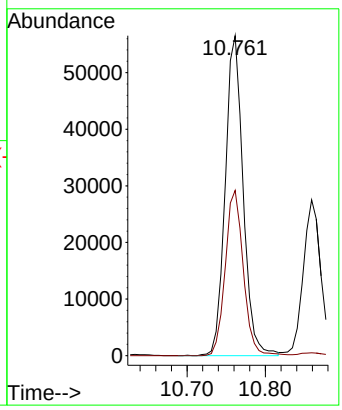


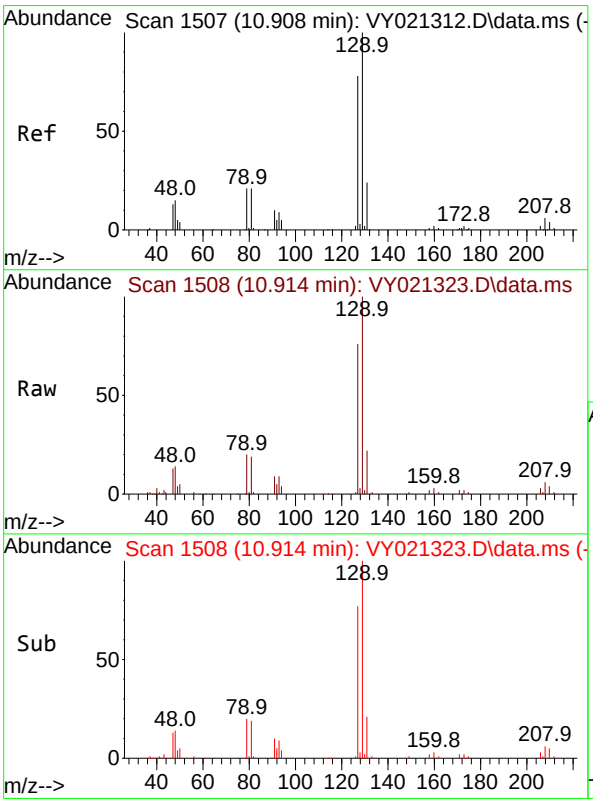
#59
2-Hexanone
Concen: 96.524 ug/l
RT: 10.761 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion: 43 Resp: 89865

Ion	Ratio	Lower	Upper
43	100		
58	52.2	25.9	77.6

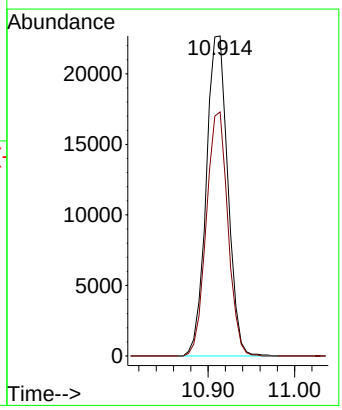


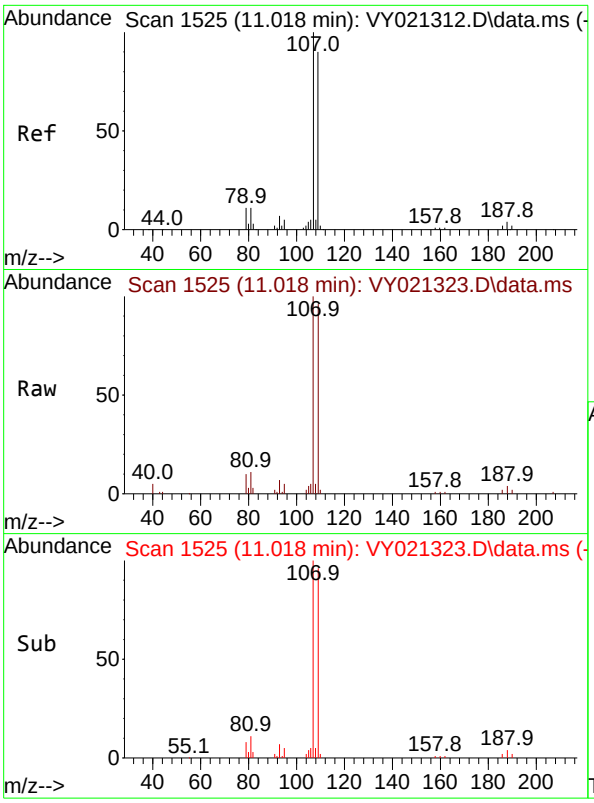


#60
Dibromochloromethane
Concen: 19.790 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:129 Resp: 39272

Ion	Ratio	Lower	Upper
129	100		
127	76.0	38.8	116.4



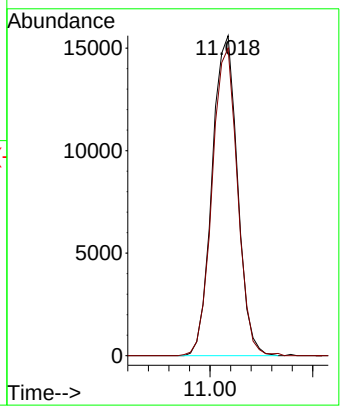


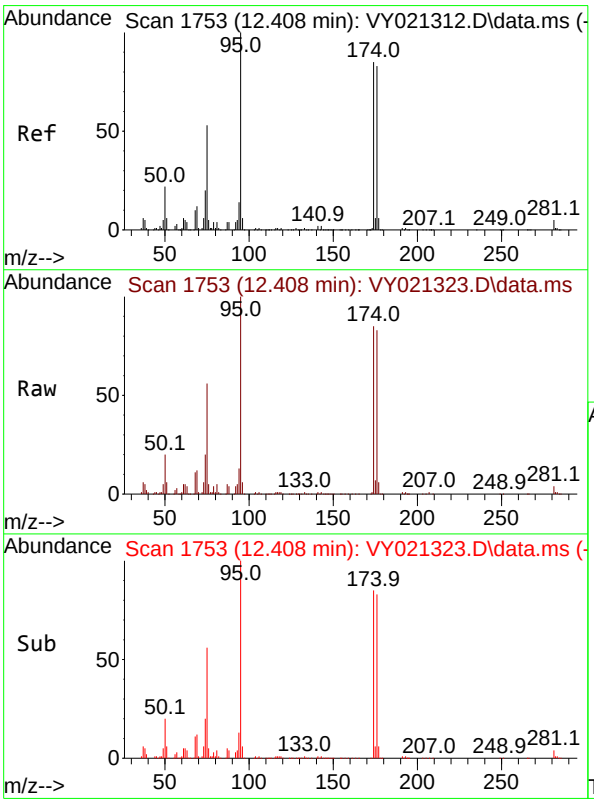
#61
1,2-Dibromoethane
Concen: 19.365 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion:107 Resp: 26713

Ion	Ratio	Lower	Upper
107	100		
109	96.3	73.8	110.8

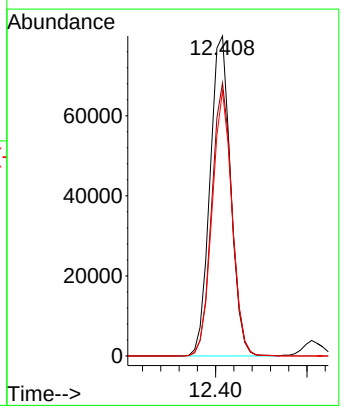


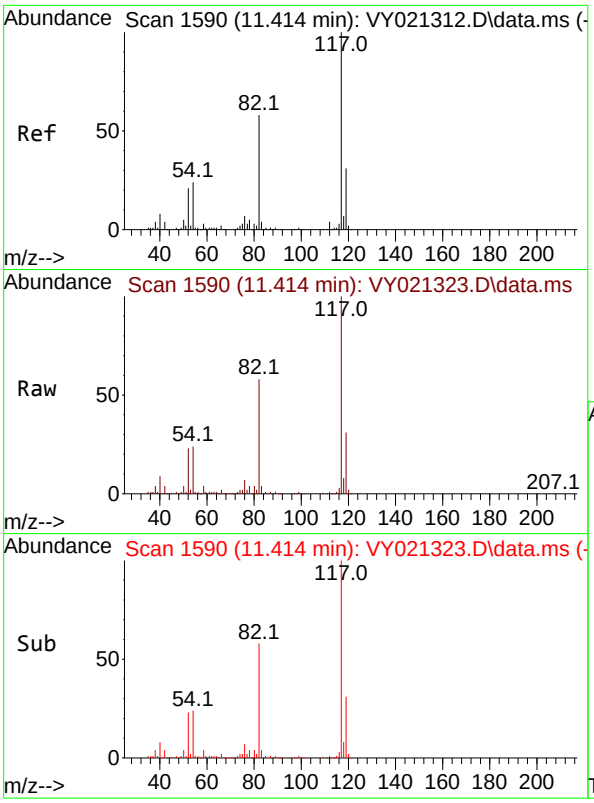


#62
4-Bromofluorobenzene
Concen: 50.271 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 95 Resp: 125203

Ion	Ratio	Lower	Upper
95	100		
174	83.6	0.0	168.0
176	79.9	0.0	162.6



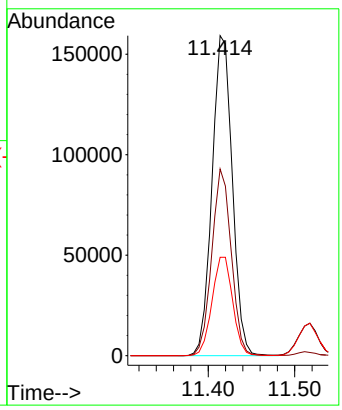


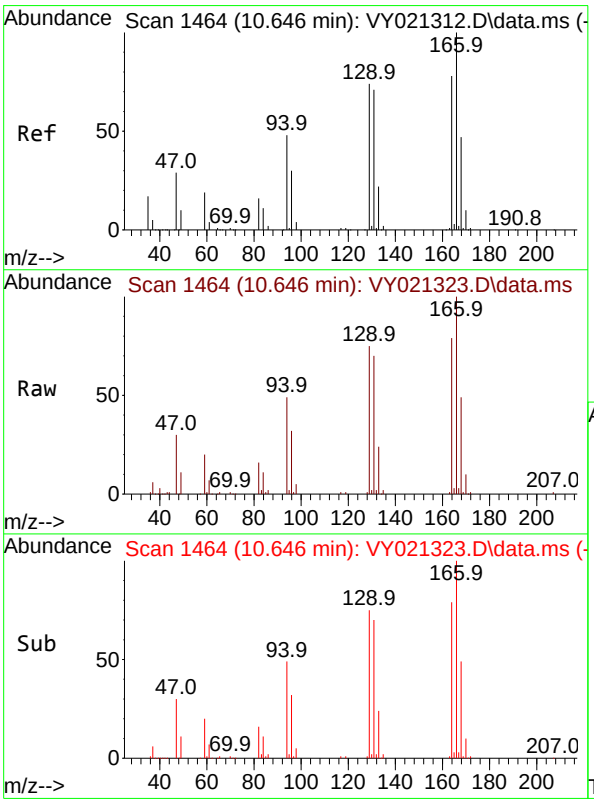
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion:117 Resp: 258744

Ion	Ratio	Lower	Upper
117	100		
82	58.3	46.2	69.4
119	30.8	24.9	37.3

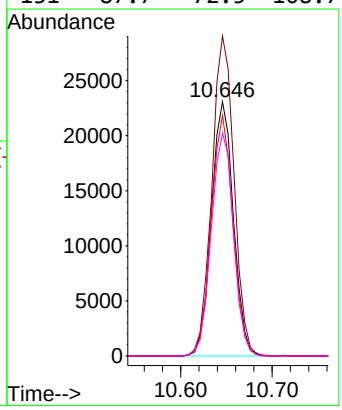


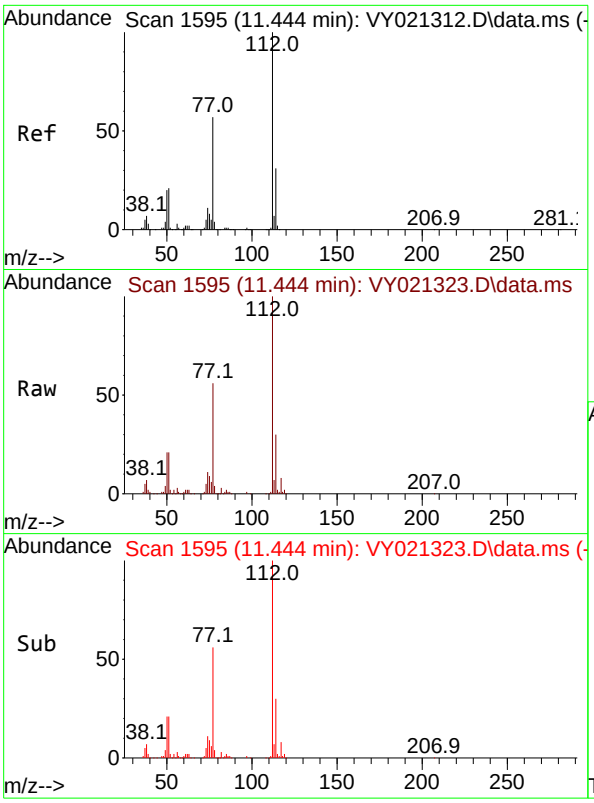


#64
Tetrachloroethene
Concen: 19.682 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:164 Resp: 38493

Ion	Ratio	Lower	Upper
164	100		
166	125.9	101.9	152.9
129	94.6	75.5	113.3
131	87.7	72.5	108.7



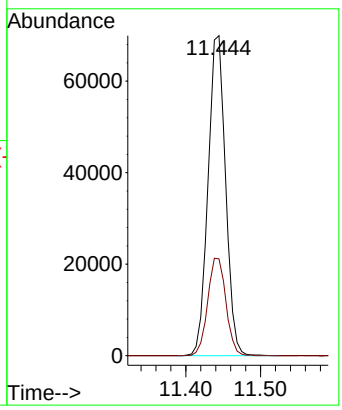


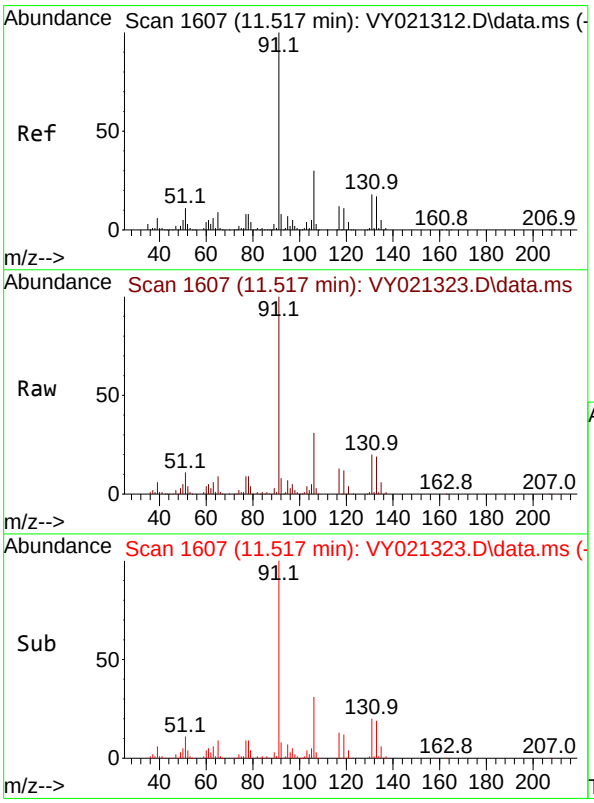
#65
Chlorobenzene
Concen: 19.597 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion:112 Resp: 113821

Ion	Ratio	Lower	Upper
112	100		
114	30.3	25.0	37.6

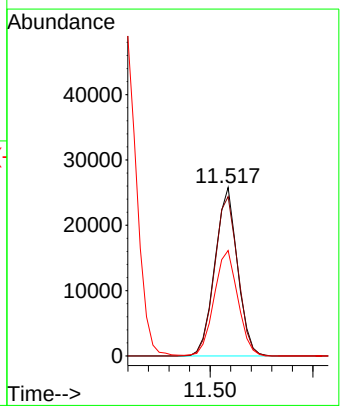


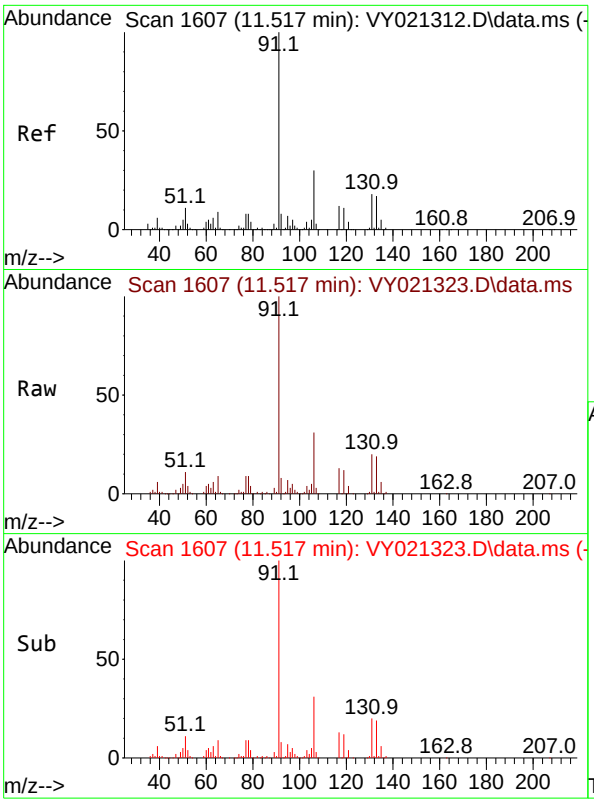


#66
1,1,1,2-Tetrachloroethane
Concen: 19.350 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:131 Resp: 39353

Ion	Ratio	Lower	Upper
131	100		
133	97.7	47.9	143.6
119	65.6	31.7	95.1



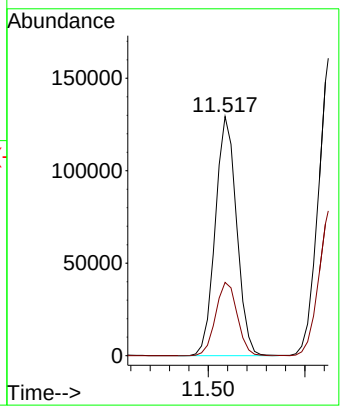


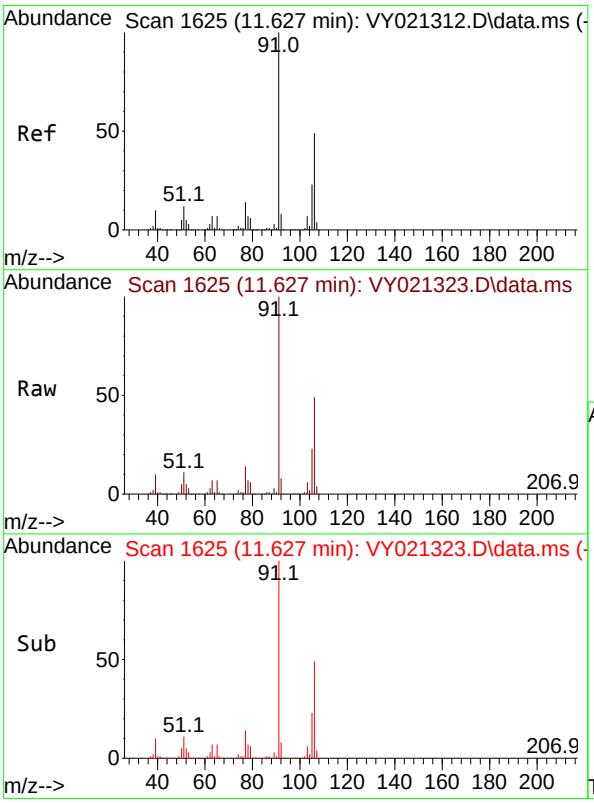
#67
Ethyl Benzene
Concen: 19.225 ug/l
RT: 11.517 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion: 91 Resp: 197780

Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.4	36.6

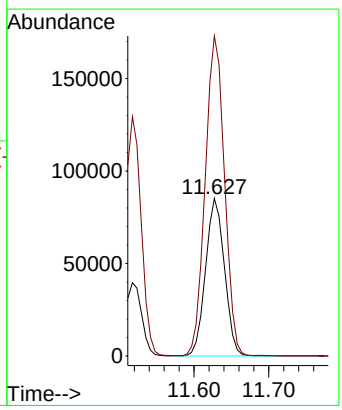


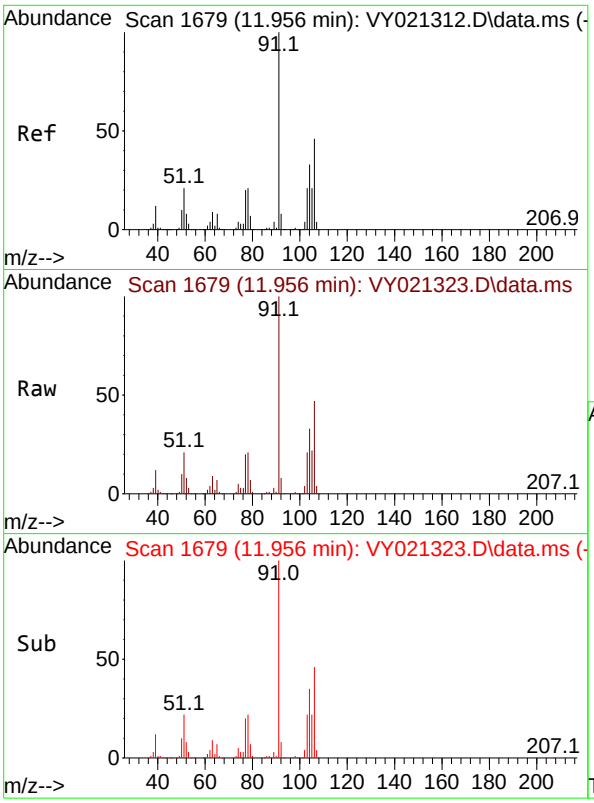


#68
m/p-Xylenes
Concen: 38.593 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:106 Resp: 149341

Ion	Ratio	Lower	Upper
106	100		
91	207.6	163.9	245.9



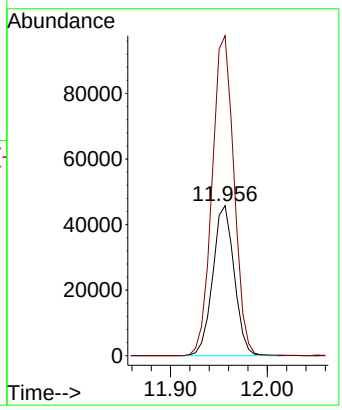


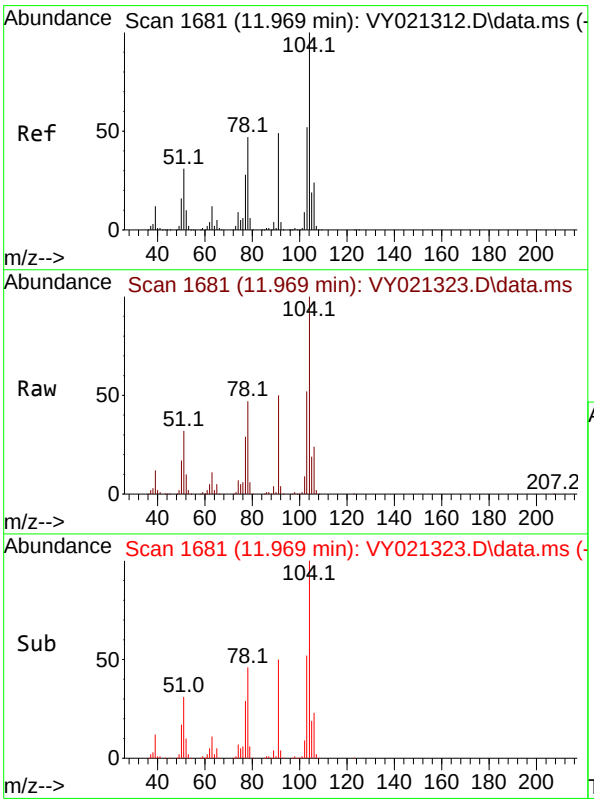
#69
o-Xylene
Concen: 19.444 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion:106 Resp: 70486

Ion	Ratio	Lower	Upper
106	100		
91	217.8	108.1	324.2

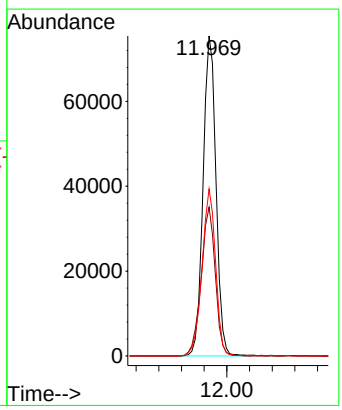


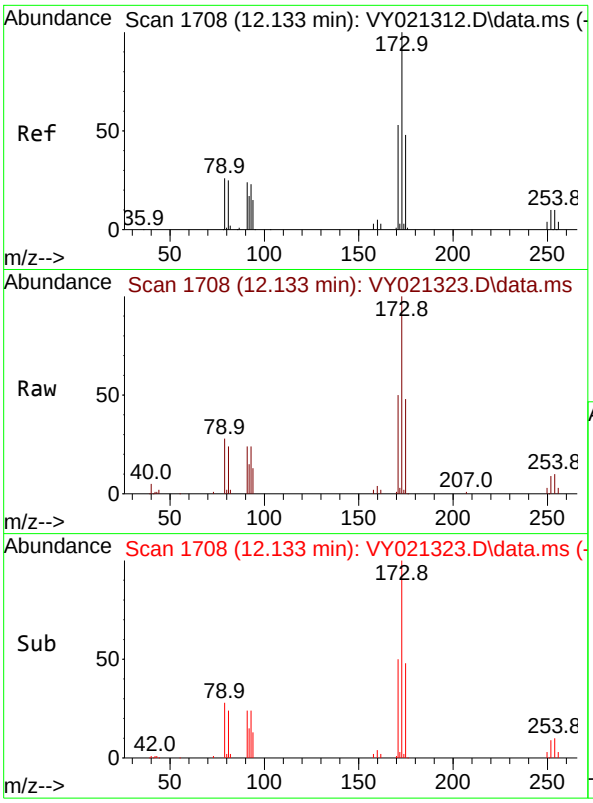


#70
Styrene
Concen: 19.791 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:104 Resp: 119367

Ion	Ratio	Lower	Upper
104	100		
78	50.6	41.3	61.9
103	54.9	43.9	65.9



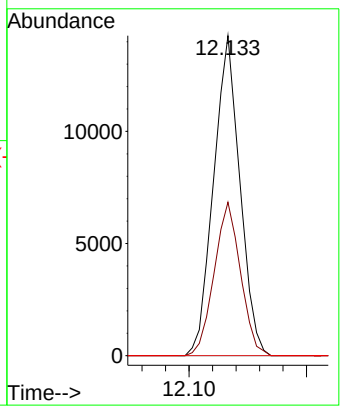


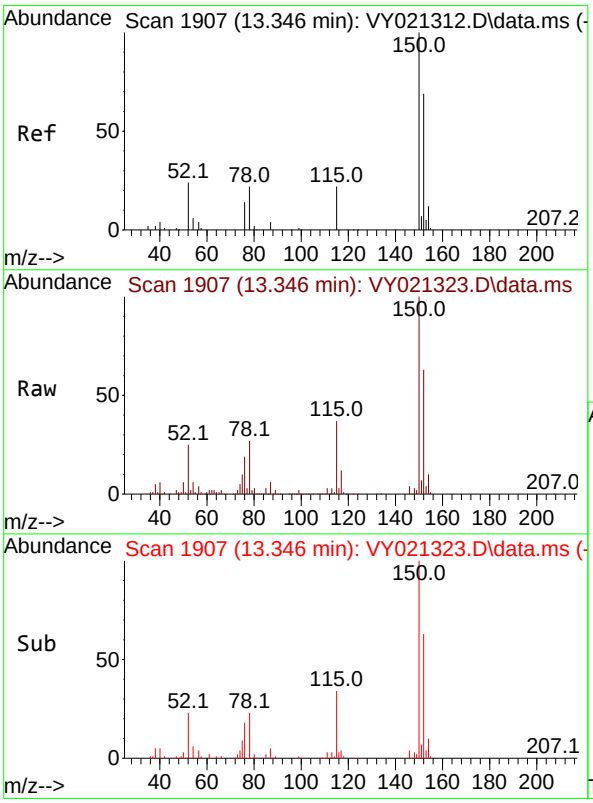
#71
Bromoform
Concen: 19.055 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion:173 Resp: 22170

Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.1	72.3
254	0.0	0.1	0.1#

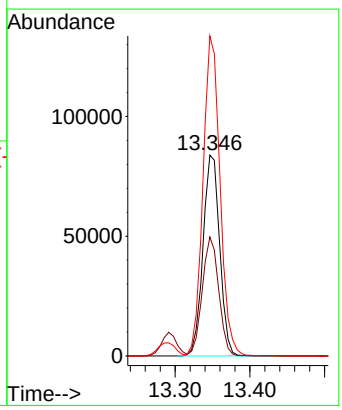


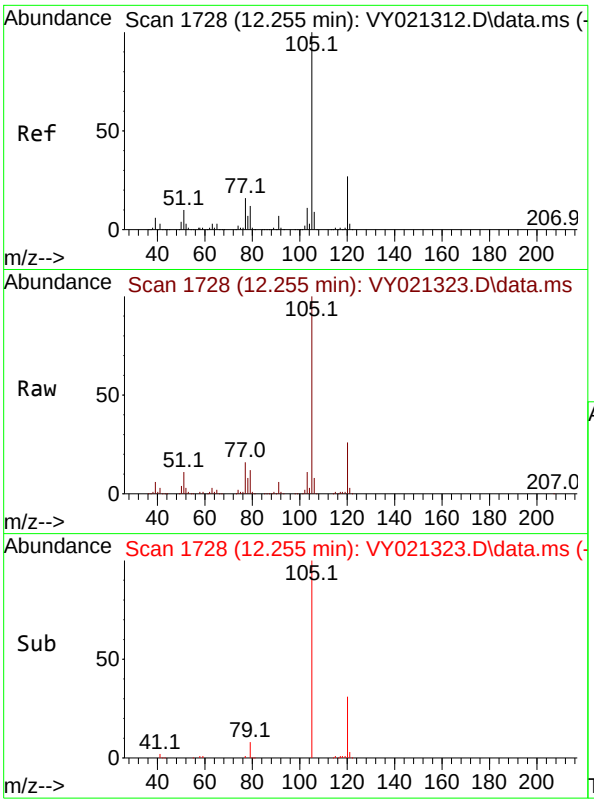


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:152 Resp: 129829

Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.3	88.0
150	162.9	0.0	347.4



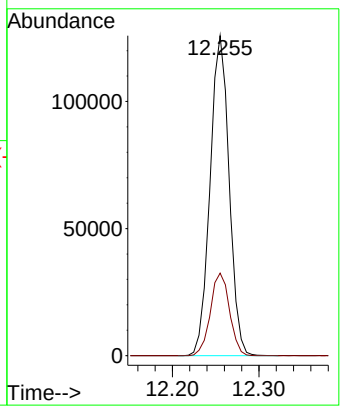


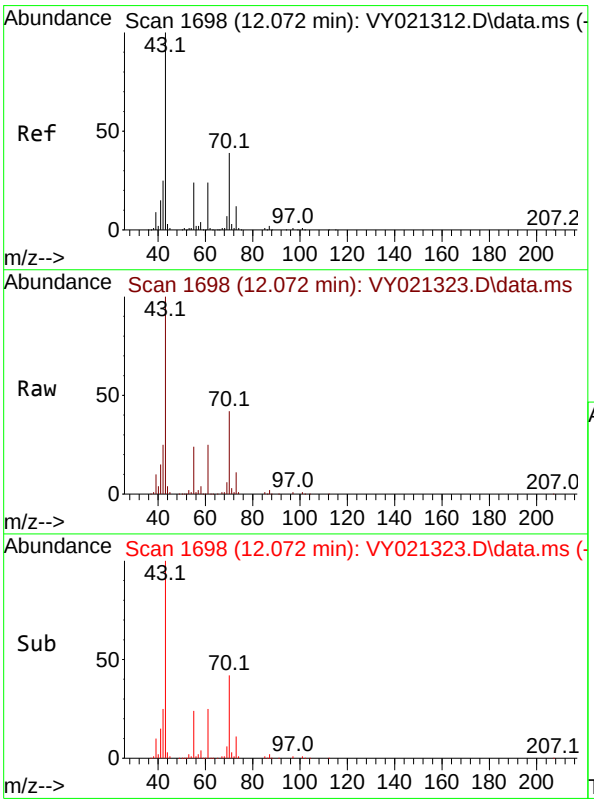
#73
Isopropylbenzene
Concen: 19.688 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion:105 Resp: 192163

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.3	39.8

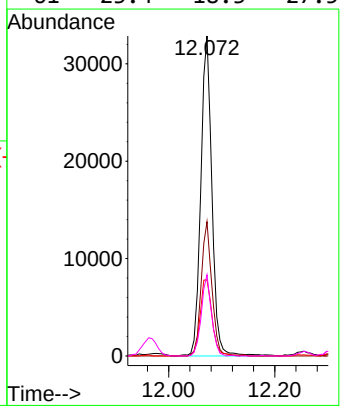


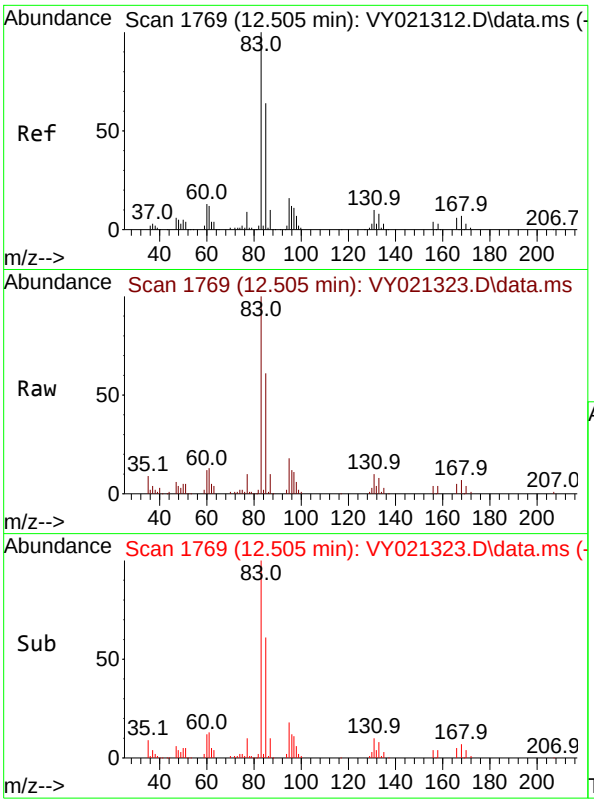


#74
N-amyl acetate
Concen: 19.319 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 43 Resp: 47929

Ion	Ratio	Lower	Upper
43	100		
70	40.2	32.2	48.2
55	25.5	19.6	29.4
61	23.4	18.3	27.5



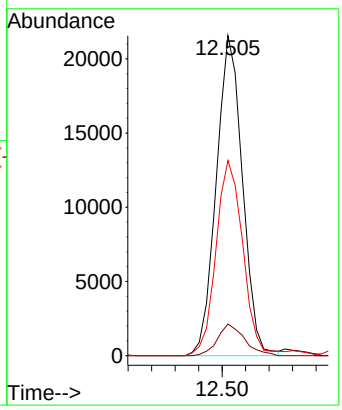


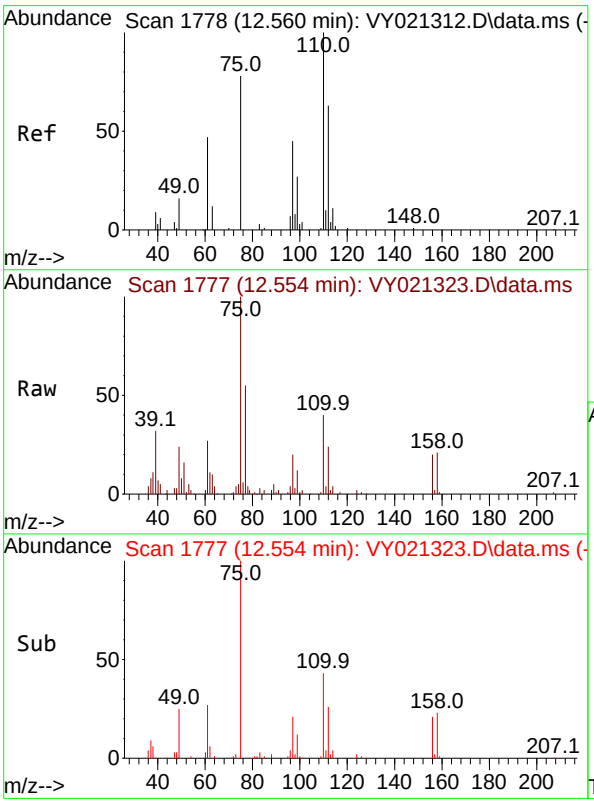
#75
1,1,2,2-Tetrachloroethane
Concen: 19.410 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion: 83 Resp: 33436

Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.2	15.6
85	63.6	32.0	96.0

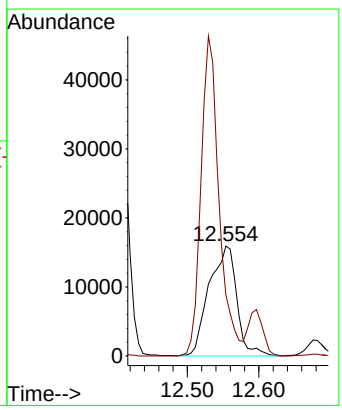


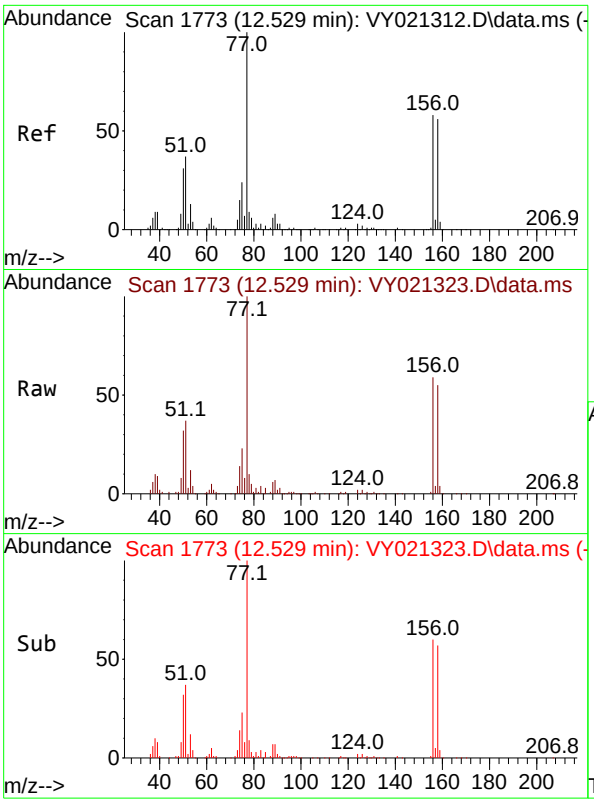


#76
1,2,3-Trichloropropane
Concen: 32.972 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 75 Resp: 42848

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



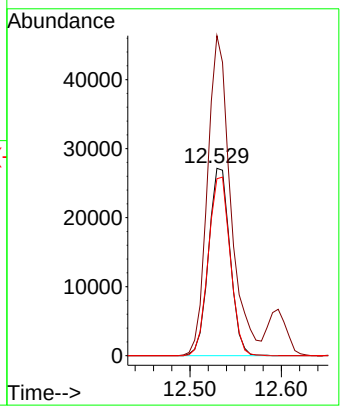


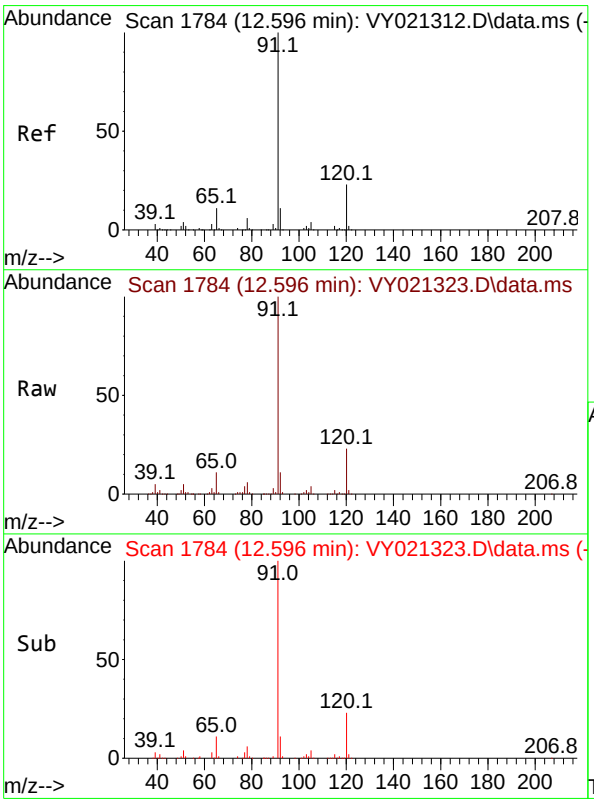
#77
Bromobenzene
Concen: 19.442 ug/l
RT: 12.529 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion:156 Resp: 44137

Ion	Ratio	Lower	Upper
156	100		
77	185.1	94.0	282.1
158	97.5	48.7	146.1

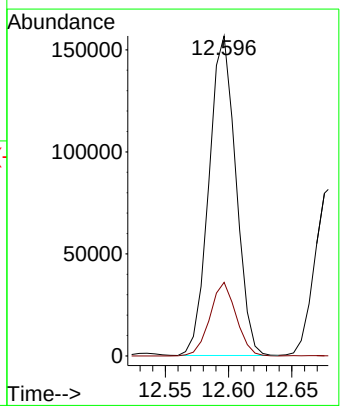


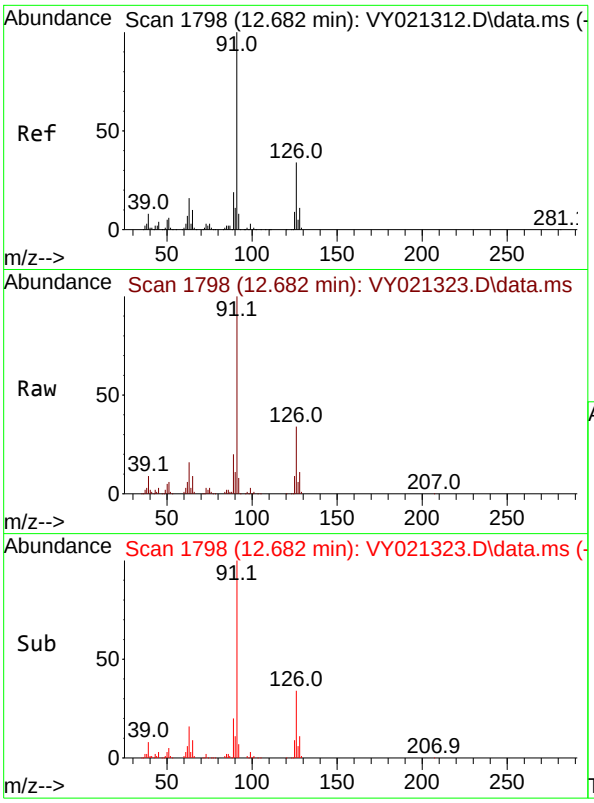


#78
n-propylbenzene
Concen: 19.547 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 91 Resp: 231519

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.2	33.5



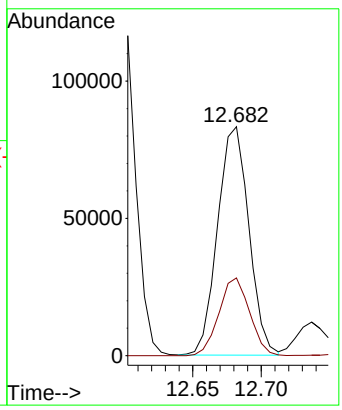


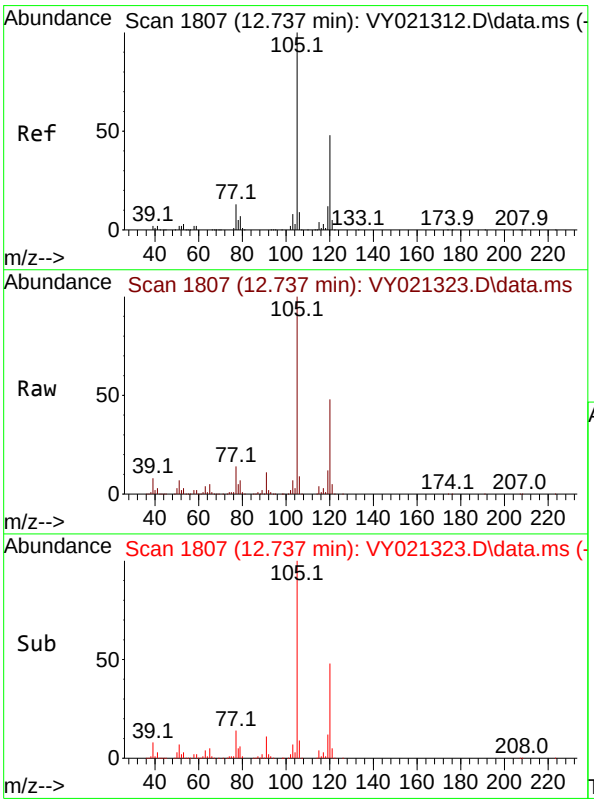
#79
2-Chlorotoluene
Concen: 19.457 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion: 91 Resp: 132259

Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.9	50.6

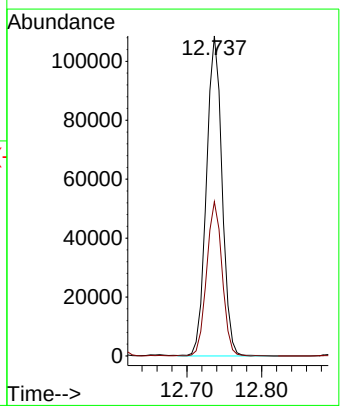


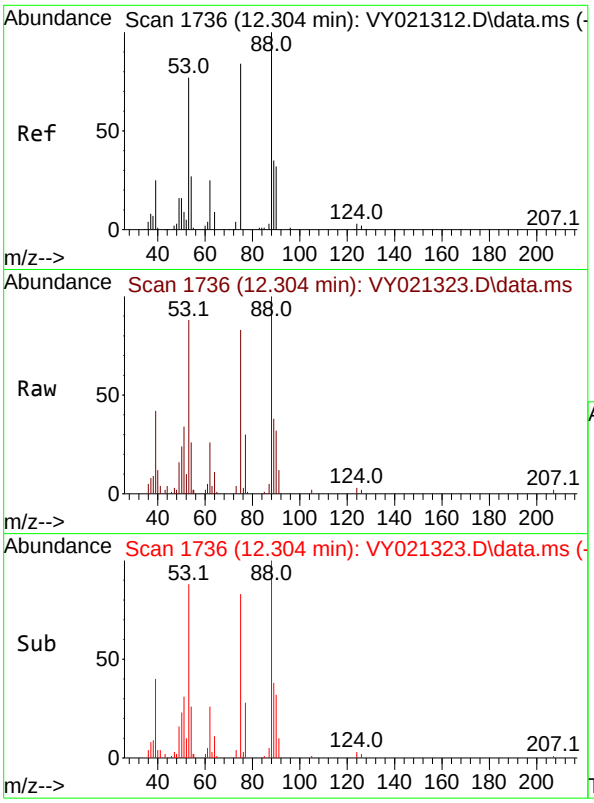


#80
1,3,5-Trimethylbenzene
Concen: 19.706 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:105 Resp: 157749

Ion	Ratio	Lower	Upper
105	100		
120	47.8	24.3	73.0



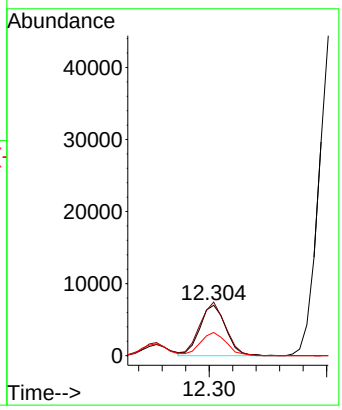


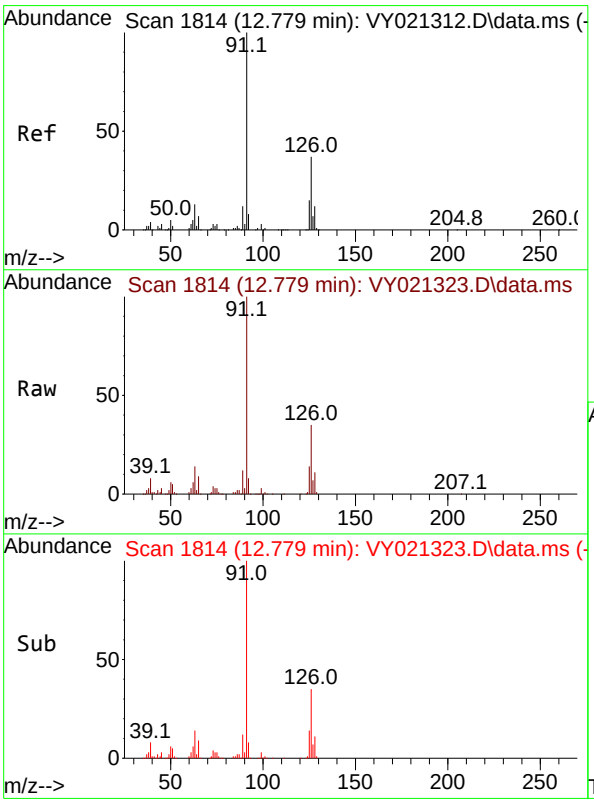
#81
trans-1,4-Dichloro-2-butene
Concen: 18.445 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion: 75 Resp: 10784

Ion	Ratio	Lower	Upper
75	100		
53	105.0	79.1	118.7
89	45.4	35.6	53.4

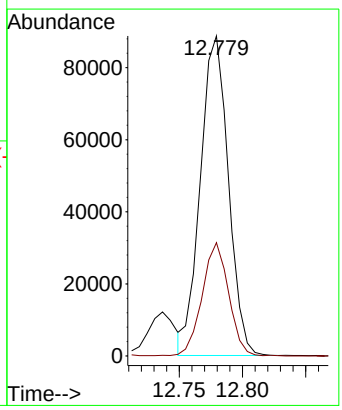


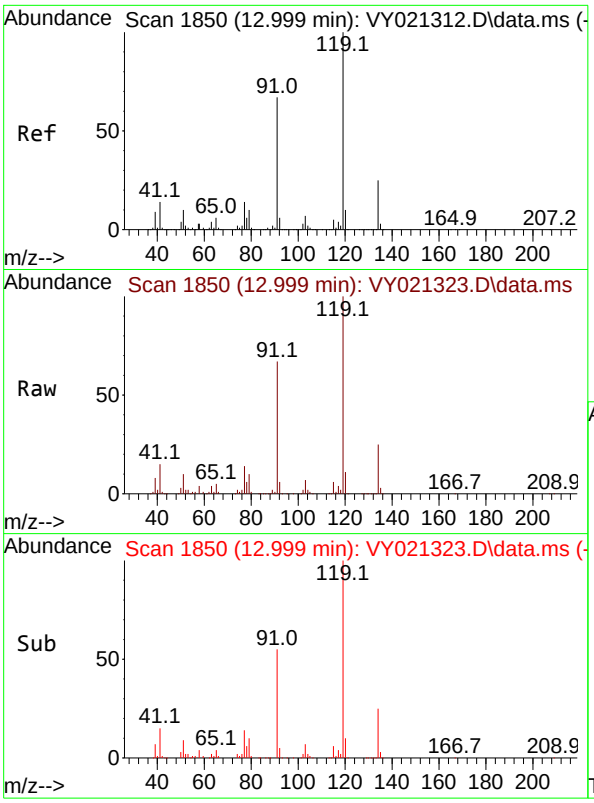


#82
4-Chlorotoluene
Concen: 19.394 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 91 Resp: 136654

Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.8	50.4



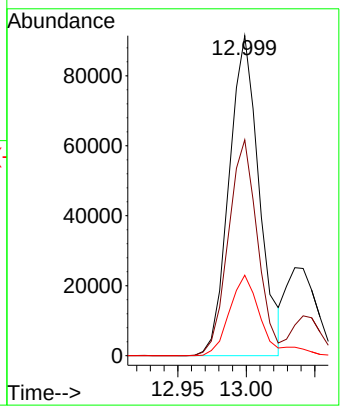


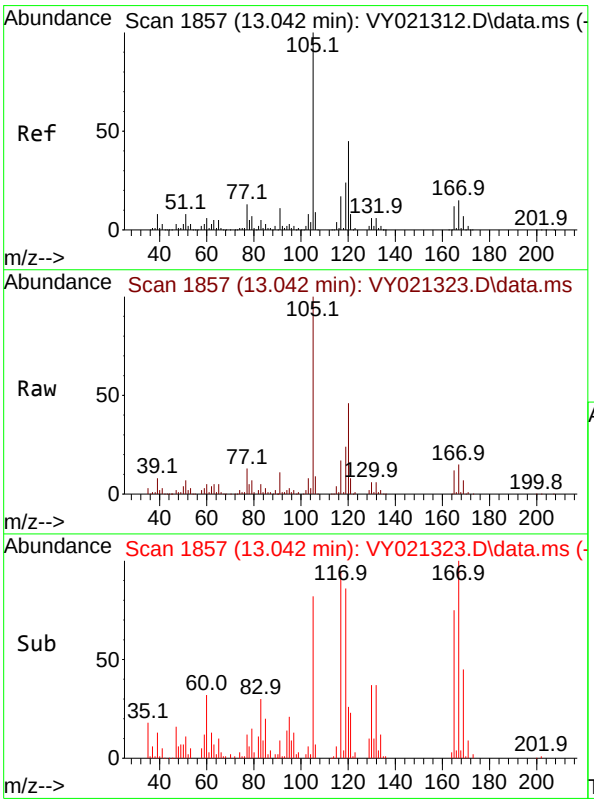
#83
tert-Butylbenzene
Concen: 19.288 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion:119 Resp: 139478

Ion	Ratio	Lower	Upper
119	100		
91	65.4	32.7	98.1
134	26.7	13.3	39.9

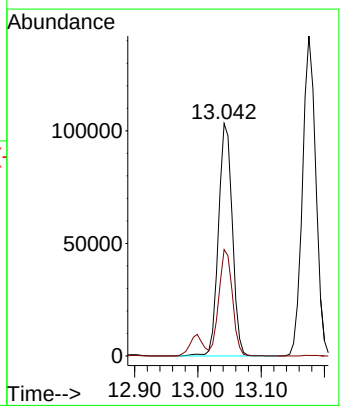


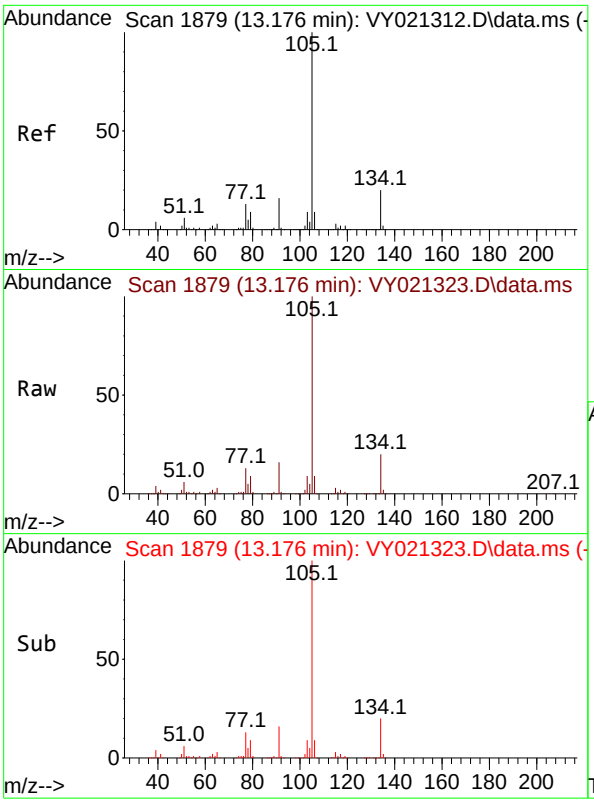


#84
1,2,4-Trimethylbenzene
Concen: 19.655 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:105 Resp: 156482

Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.4	67.3



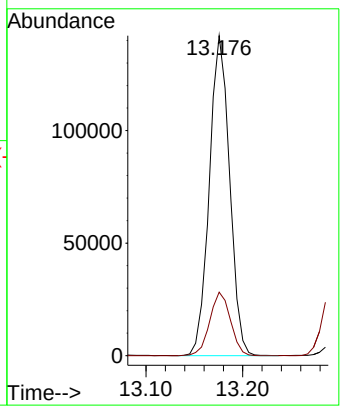


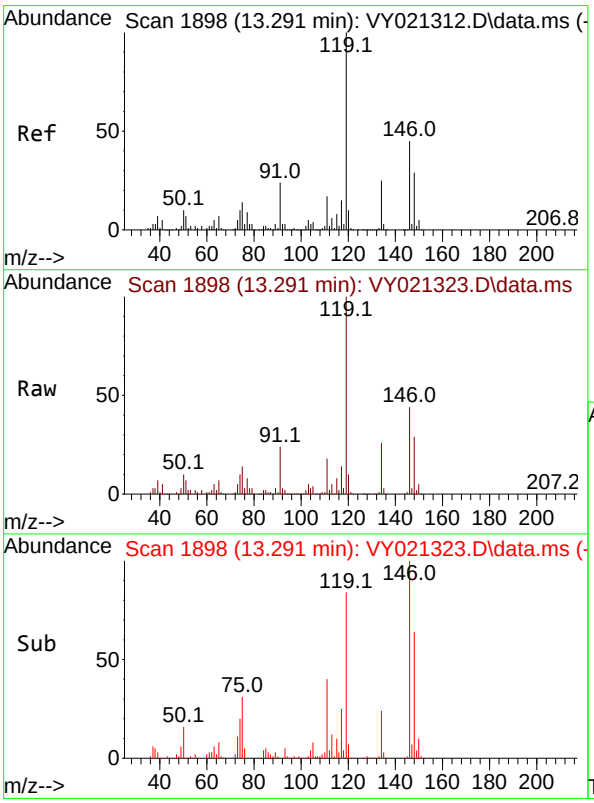
#85
sec-Butylbenzene
Concen: 19.613 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion:105 Resp: 207160

Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.0	30.0

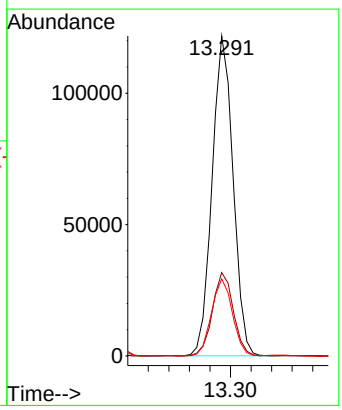


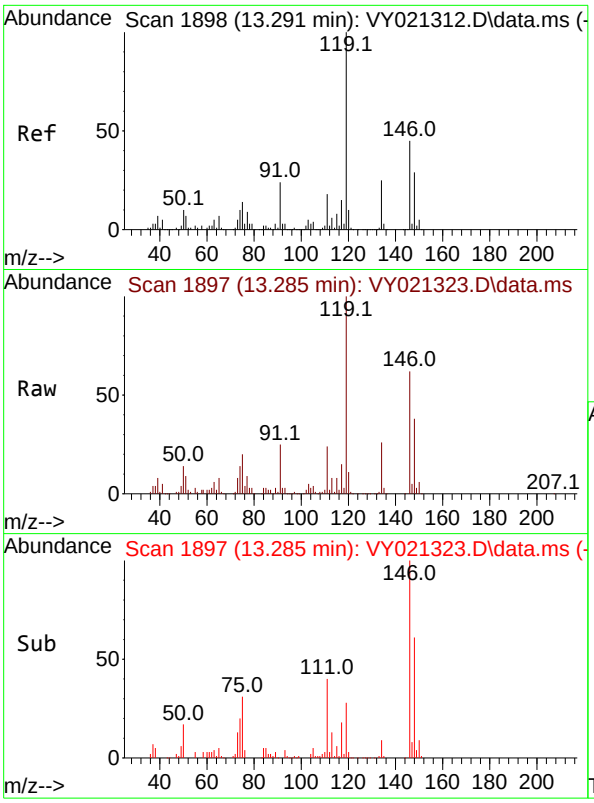


#86
p-Isopropyltoluene
Concen: 19.534 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:119 Resp: 172280

Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.0	38.9
91	24.2	12.0	36.1



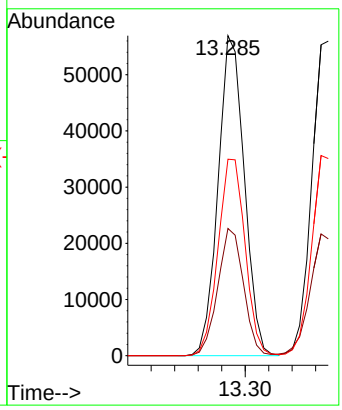


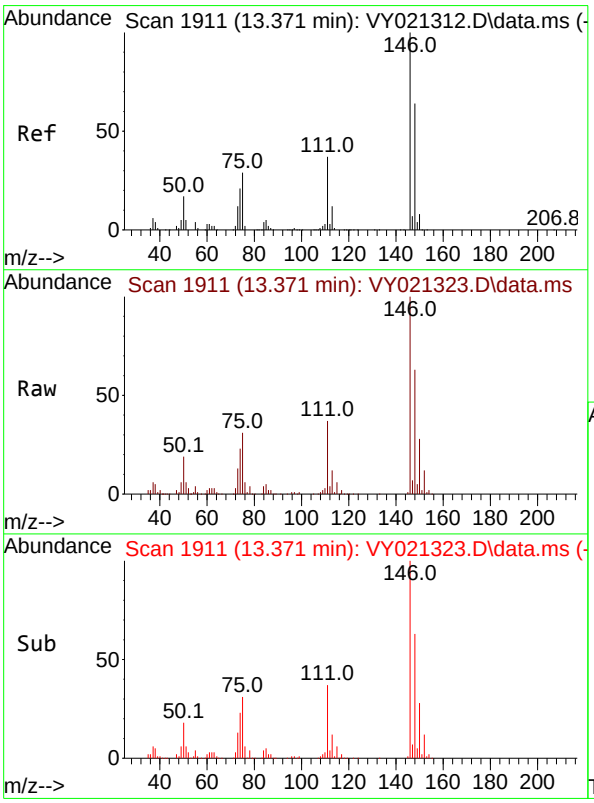
#87
1,3-Dichlorobenzene
Concen: 19.668 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion:146 Resp: 88325

Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.0	59.9
148	63.4	31.9	95.9

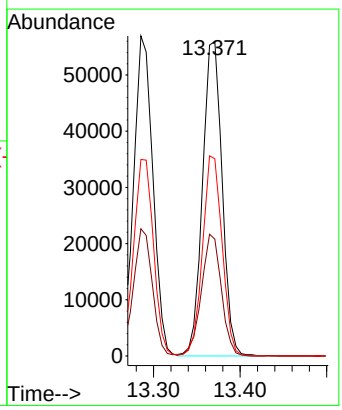


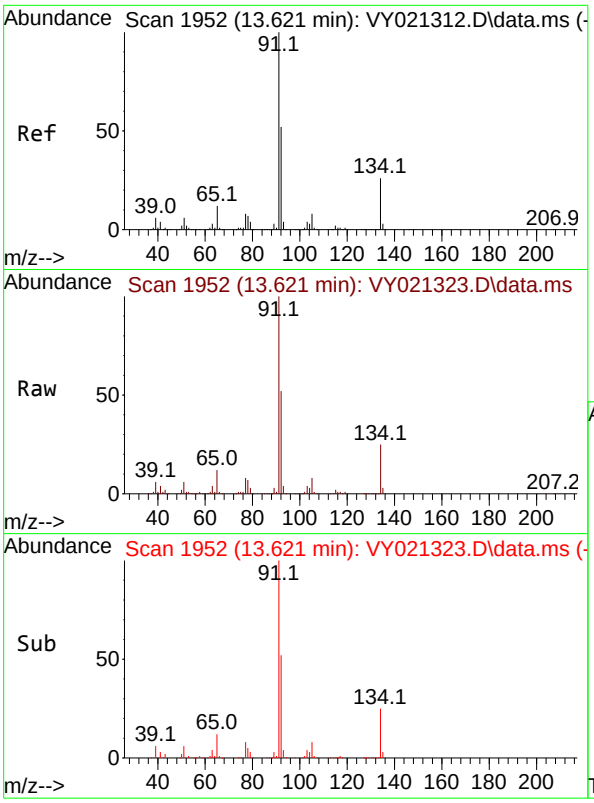


#88
1,4-Dichlorobenzene
Concen: 19.784 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:146 Resp: 87772

Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.5	58.5
148	63.7	32.0	96.2



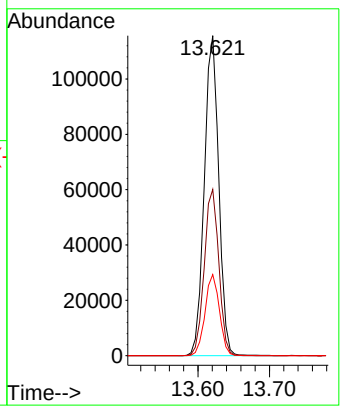


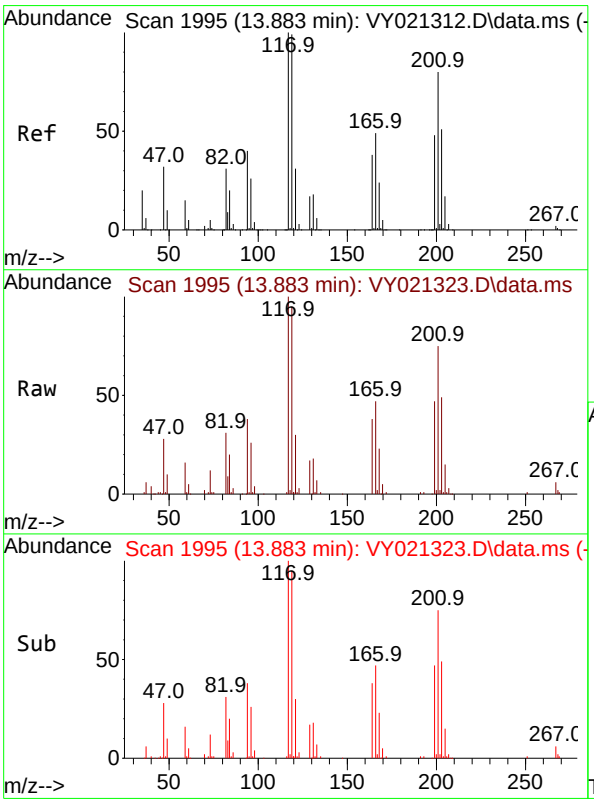
#89
n-Butylbenzene
Concen: 19.527 ug/l
RT: 13.621 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion: 91 Resp: 162070

Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.4	79.2
134	25.3	12.7	38.0

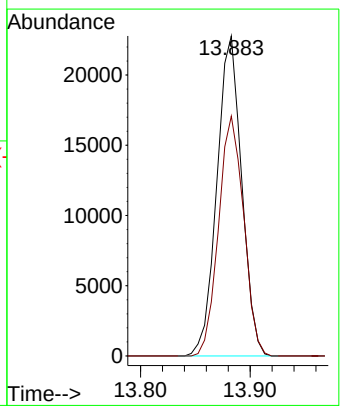


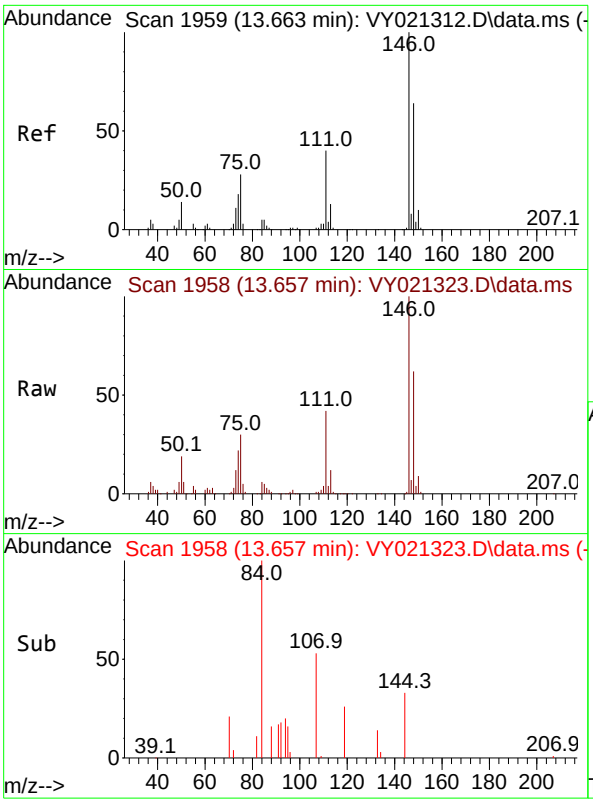


#90
Hexachloroethane
Concen: 19.411 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:117 Resp: 35761

Ion	Ratio	Lower	Upper
117	100		
201	75.8	38.4	115.2



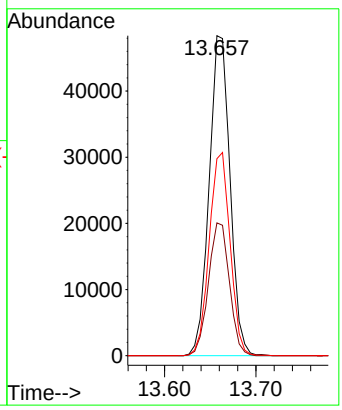


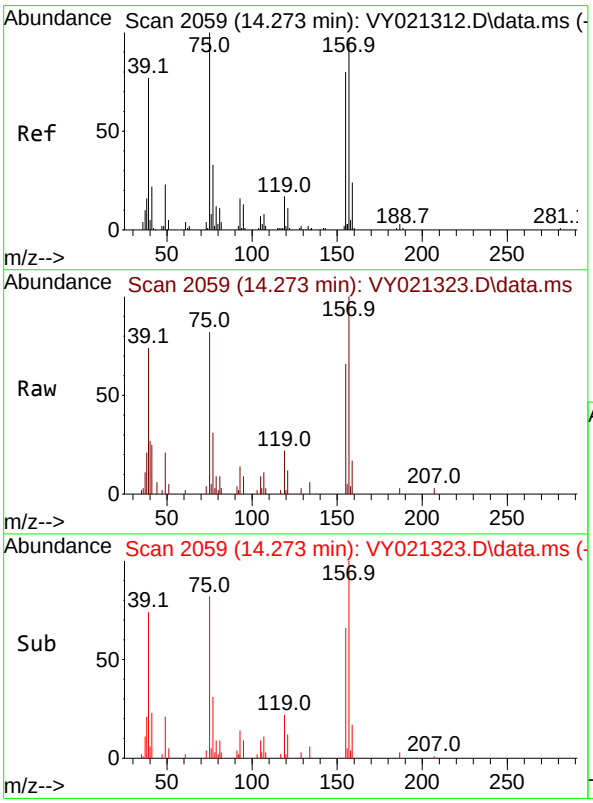
#91
1,2-Dichlorobenzene
Concen: 19.457 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion:146 Resp: 76555

Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.7	62.1
148	63.5	31.7	95.1

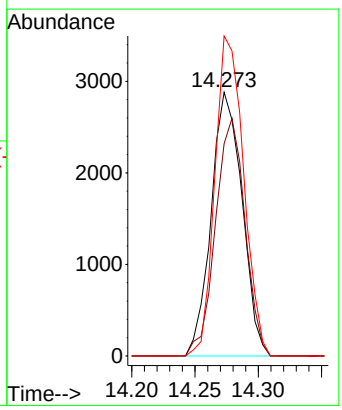


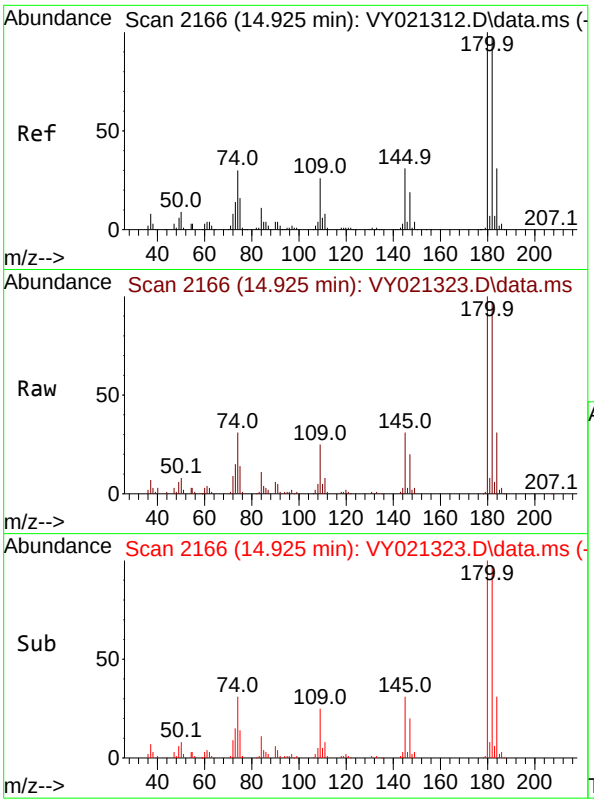


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.963 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion: 75 Resp: 4895

Ion	Ratio	Lower	Upper
75	100		
155	85.7	41.9	125.6
157	112.6	52.5	157.6



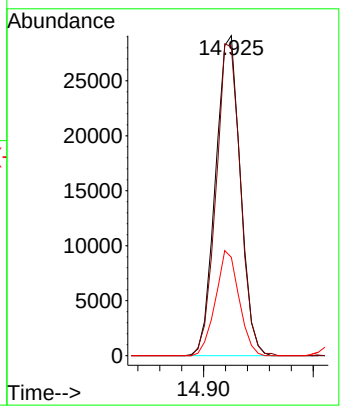


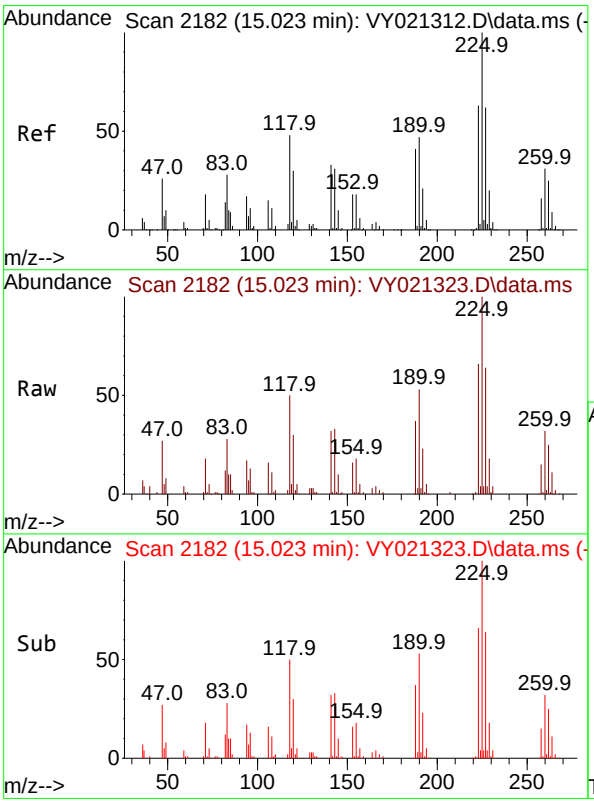
#93
1,2,4-Trichlorobenzene
Concen: 19.047 ug/l
RT: 14.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion:180 Resp: 45740

Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.9	143.7
145	31.2	15.6	46.8

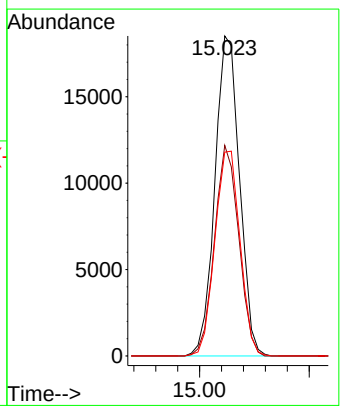


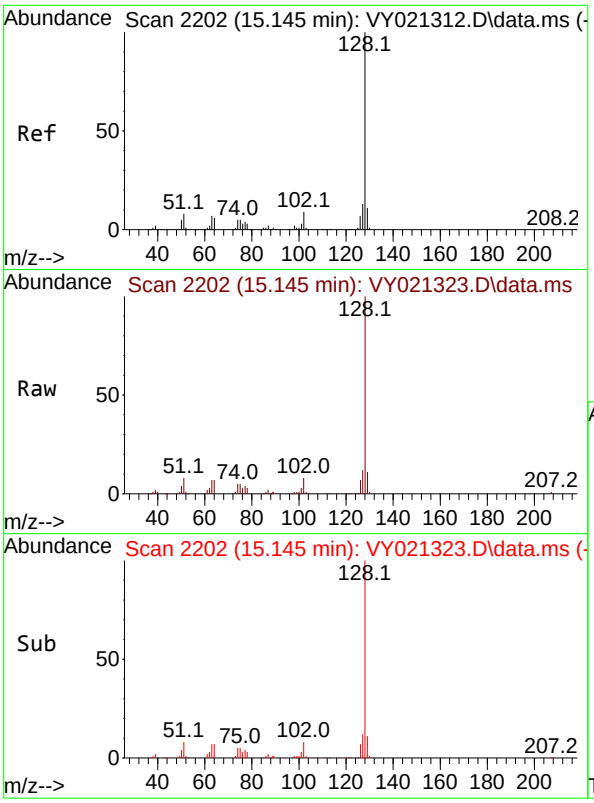


#94
Hexachlorobutadiene
Concen: 19.115 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:225 Resp: 28899

Ion	Ratio	Lower	Upper
225	100		
223	64.8	31.8	95.4
227	65.4	31.9	95.7



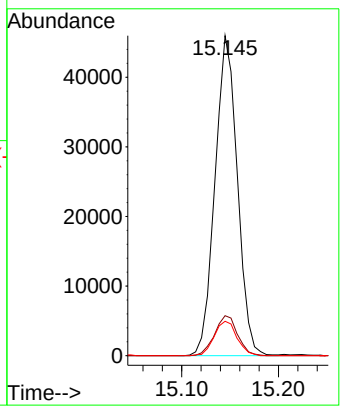


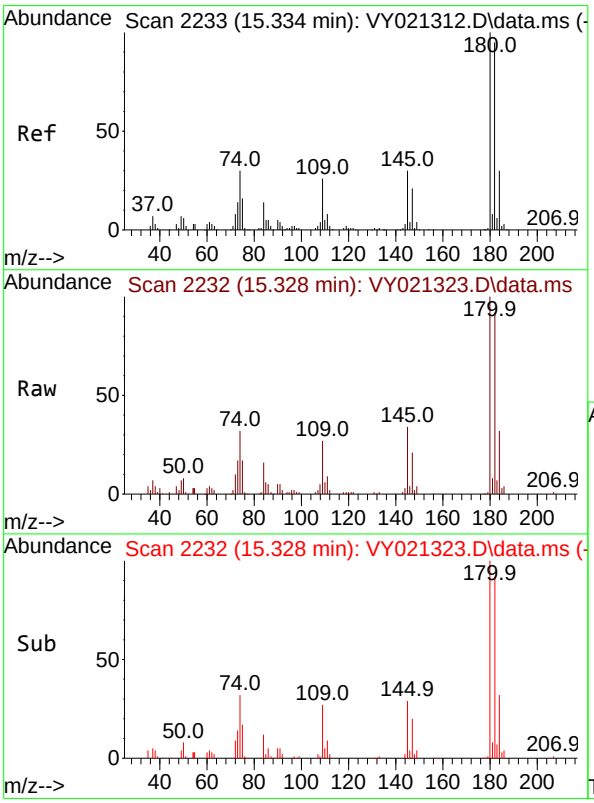
#95
Naphthalene
Concen: 18.532 ug/l
RT: 15.145 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

Tgt Ion:128 Resp: 73713

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	11.0	8.5	12.7

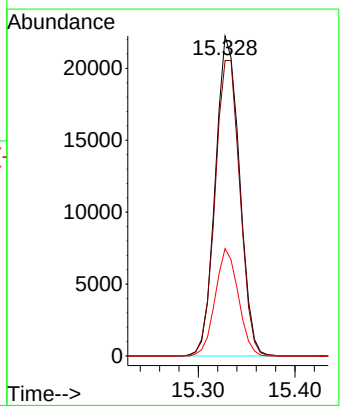




#96
1,2,3-Trichlorobenzene
Concen: 18.936 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021323.D
Acq: 26 Feb 2025 11:44

Tgt Ion:180 Resp: 38421

Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.3	144.9
145	32.2	16.1	48.3



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021344.D
Acq On : 26 Feb 2025 20:06
Operator : SY/MD
Sample : VSTDCCC050
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Feb 27 00:45:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	209132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	343428	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	305969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	148168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	110600	46.619	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 93.240%			
35) Dibromofluoromethane	7.634	113	102286	45.429	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 90.860%			
50) Toluene-d8	10.103	98	388525	44.650	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 89.300%			
62) 4-Bromofluorobenzene	12.408	95	131584	44.933	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 89.860%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	89202	44.987	ug/l	100
3) Chloromethane	2.068	50	118305	46.199	ug/l	100
4) Vinyl Chloride	2.202	62	120584	47.976	ug/l	98
5) Bromomethane	2.592	94	79891	47.832	ug/l	99
6) Chloroethane	2.733	64	78213	50.180	ug/l	98
7) Trichlorofluoromethane	3.056	101	182167	47.991	ug/l	98
8) Diethyl Ether	3.452	74	60683	53.265	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	103386	47.044	ug/l	99
10) Methyl Iodide	4.007	142	132681	57.386	ug/l	99
11) Tert butyl alcohol	4.854	59	42284	231.715	ug/l	99
12) 1,1-Dichloroethene	3.787	96	102196	48.566	ug/l	99
13) Acrolein	3.653	56	6424	45.939	ug/l	96
14) Allyl chloride	4.385	41	183341	49.143	ug/l	99
15) Acrylonitrile	5.055	53	130861	259.792	ug/l	99
16) Acetone	3.866	43	102355	224.914	ug/l	98
17) Carbon Disulfide	4.104	76	340079	48.671	ug/l	100
18) Methyl Acetate	4.385	43	59440	53.445	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	300902	54.123	ug/l	100
20) Methylene Chloride	4.616	84	118498	48.152	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	118319	51.077	ug/l	97
22) Diisopropyl ether	6.019	45	402879	52.185	ug/l	98
23) Vinyl Acetate	5.958	43	1195161	259.062	ug/l	100
24) 1,1-Dichloroethane	5.915	63	219734	50.498	ug/l	99
25) 2-Butanone	6.890	43	173965	253.286	ug/l	99
26) 2,2-Dichloropropane	6.884	77	170930	43.292	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	138734	52.447	ug/l	97
28) Bromochloromethane	7.244	49	93313	48.465	ug/l	97
29) Tetrahydrofuran	7.262	42	117269	261.209	ug/l	99
30) Chloroform	7.421	83	226821	51.443	ug/l	99
31) Cyclohexane	7.701	56	184463	44.101	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	200425	49.940	ug/l	98
36) 1,1-Dichloropropene	7.835	75	158713	46.928	ug/l	99
37) Ethyl Acetate	6.982	43	82433	48.999	ug/l	99
38) Carbon Tetrachloride	7.817	117	178448	46.933	ug/l	99
39) Methylcyclohexane	9.109	83	191242	44.707	ug/l	99
40) Benzene	8.079	78	488113	48.823	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021344.D
Acq On : 26 Feb 2025 20:06
Operator : SY/MD
Sample : VSTDCCC050
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Feb 27 00:45:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	50830	54.039	ug/l		93
42) 1,2-Dichloroethane	8.158	62	143731	50.672	ug/l		99
43) Isopropyl Acetate	8.195	43	162361	49.861	ug/l		99
44) Trichloroethene	8.866	130	120825	48.271	ug/l		99
45) 1,2-Dichloropropane	9.140	63	117257	48.736	ug/l		99
46) Dibromomethane	9.231	93	66414	50.499	ug/l		99
47) Bromodichloromethane	9.420	83	175634	50.086	ug/l		98
48) Methyl methacrylate	9.219	41	77080	50.619	ug/l		97
49) 1,4-Dioxane	9.225	88	14855	1015.844	ug/l	#	93
51) 4-Methyl-2-Pentanone	10.000	43	425033	254.988	ug/l		99
52) Toluene	10.170	92	307967	49.585	ug/l		99
53) t-1,3-Dichloropropene	10.390	75	159678	49.701	ug/l		100
54) cis-1,3-Dichloropropene	9.853	75	183344	48.340	ug/l		100
55) 1,1,2-Trichloroethane	10.573	97	87133	50.858	ug/l		99
56) Ethyl methacrylate	10.438	69	127215	53.738	ug/l		98
57) 1,3-Dichloropropane	10.713	76	152781	50.818	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	292101	257.068	ug/l		99
59) 2-Hexanone	10.755	43	285133	260.462	ug/l		99
60) Dibromochloromethane	10.908	129	118508	50.788	ug/l		99
61) 1,2-Dibromoethane	11.012	107	82050	50.586	ug/l		98
64) Tetrachloroethene	10.646	164	108193	46.783	ug/l		99
65) Chlorobenzene	11.444	112	331937	48.330	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.518	131	118595	49.313	ug/l		100
67) Ethyl Benzene	11.518	91	585231	48.106	ug/l		100
68) m/p-Xylenes	11.627	106	441830	96.556	ug/l		100
69) o-Xylene	11.956	106	212382	49.544	ug/l		100
70) Styrene	11.969	104	357830	50.170	ug/l		100
71) Bromoform	12.133	173	68887	50.071	ug/l		99
73) Isopropylbenzene	12.255	105	548496	49.240	ug/l		100
74) N-amyl acetate	12.072	43	146735	51.825	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	98641	50.176	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	128720	86.792	ug/l	#	100
77) Bromobenzene	12.530	156	130762	50.469	ug/l		98
78) n-propylbenzene	12.597	91	647434	47.897	ug/l		99
79) 2-Chlorotoluene	12.676	91	381569	49.187	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	448101	49.048	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	31668	47.460	ug/l		97
82) 4-Chlorotoluene	12.773	91	392065	48.755	ug/l		99
83) tert-Butylbenzene	12.999	119	405401	49.124	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	449054	49.422	ug/l		99
85) sec-Butylbenzene	13.176	105	564734	46.848	ug/l		99
86) p-Isopropyltoluene	13.292	119	477095	47.399	ug/l		100
87) 1,3-Dichlorobenzene	13.286	146	247228	48.238	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	241313	47.661	ug/l		99
89) n-Butylbenzene	13.615	91	431776	45.583	ug/l		100
90) Hexachloroethane	13.883	117	97989	46.606	ug/l		98
91) 1,2-Dichlorobenzene	13.657	146	218493	48.659	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	15872	51.037	ug/l		99
93) 1,2,4-Trichlorobenzene	14.919	180	127534	46.535	ug/l		99
94) Hexachlorobutadiene	15.023	225	74574	43.221	ug/l		99
95) Naphthalene	15.145	128	230889	50.863	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	109952	47.484	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021344.D
Acq On : 26 Feb 2025 20:06
Operator : SY/MD
Sample : VSTDCCC050
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Feb 27 00:45:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

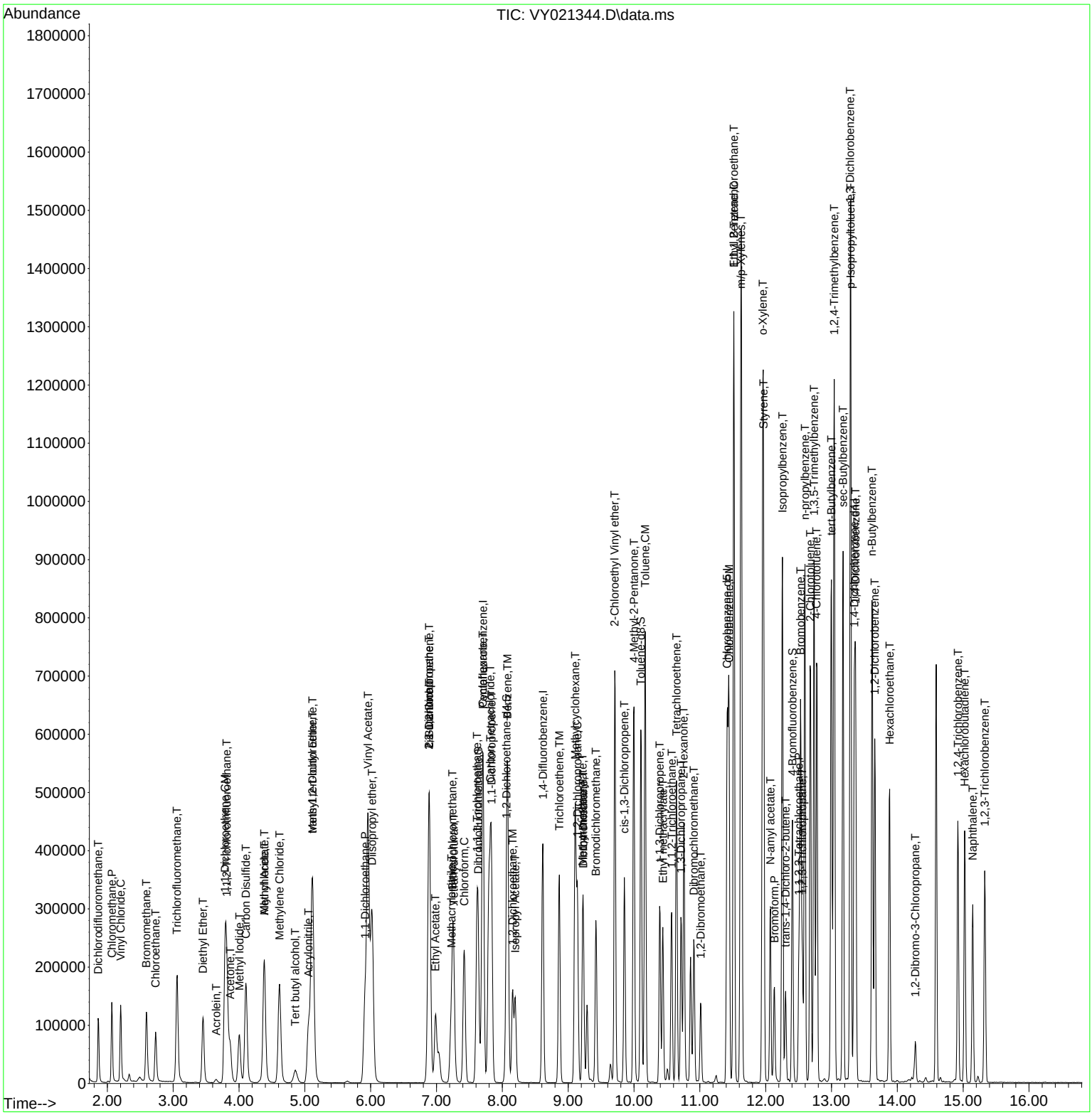
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

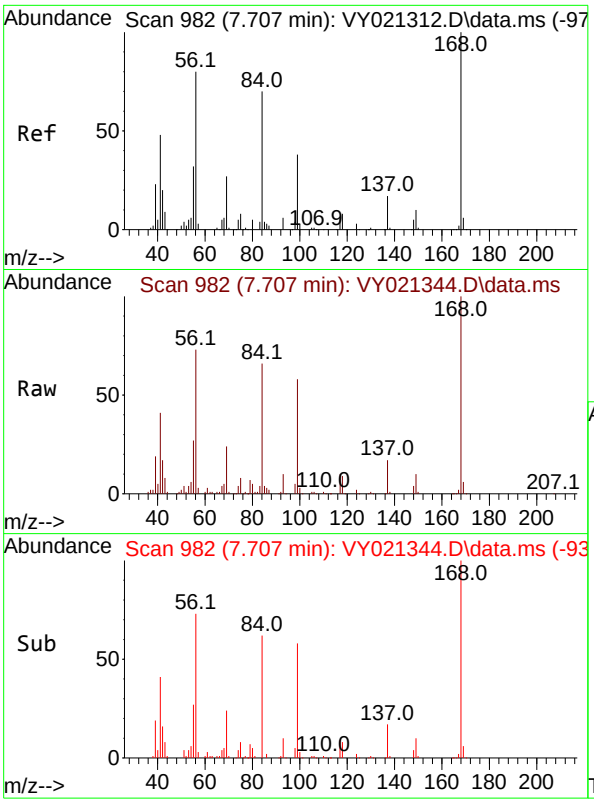
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021344.D
Acq On : 26 Feb 2025 20:06
Operator : SY/MD
Sample : VSTDCCC050
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Feb 27 00:45:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration



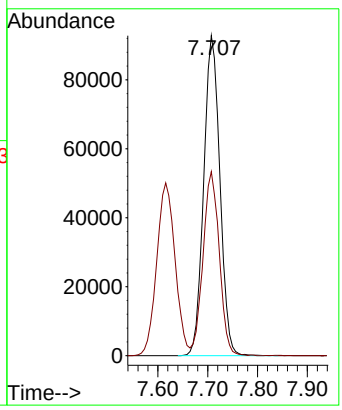


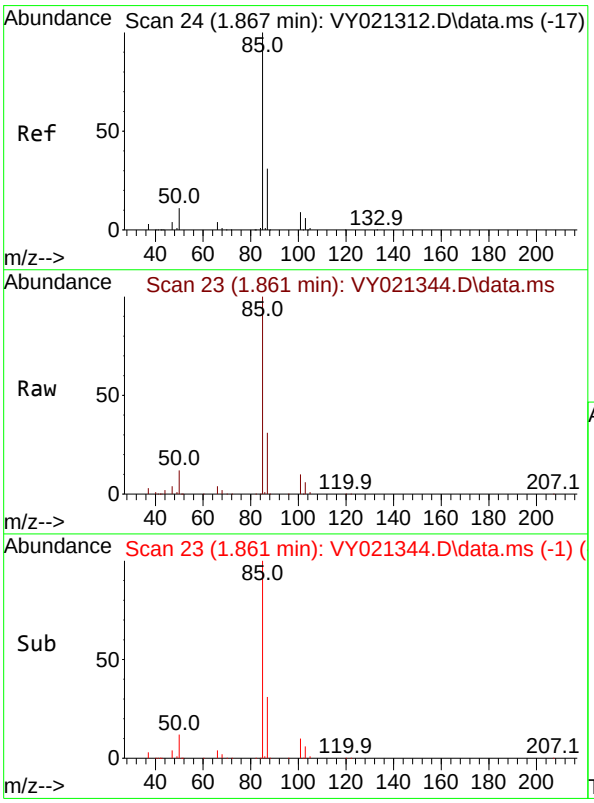
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 209132

Ion	Ratio	Lower	Upper
168	100		
99	57.4	47.1	70.7

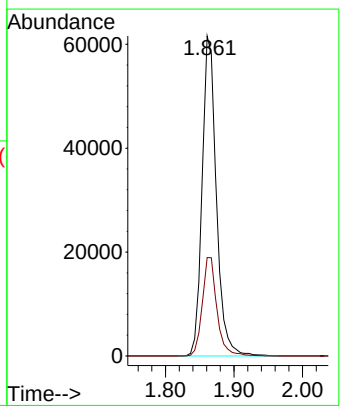


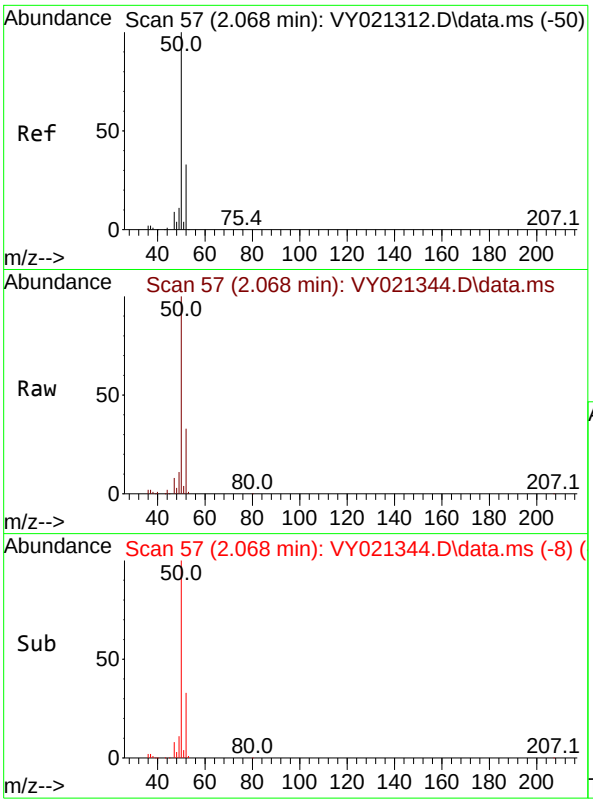


#2
Dichlorodifluoromethane
Concen: 44.987 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 85 Resp: 89202

Ion	Ratio	Lower	Upper
85	100		
87	30.7	15.4	46.4



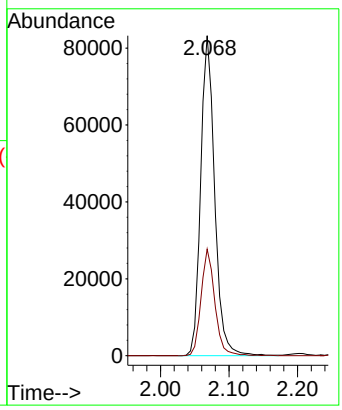


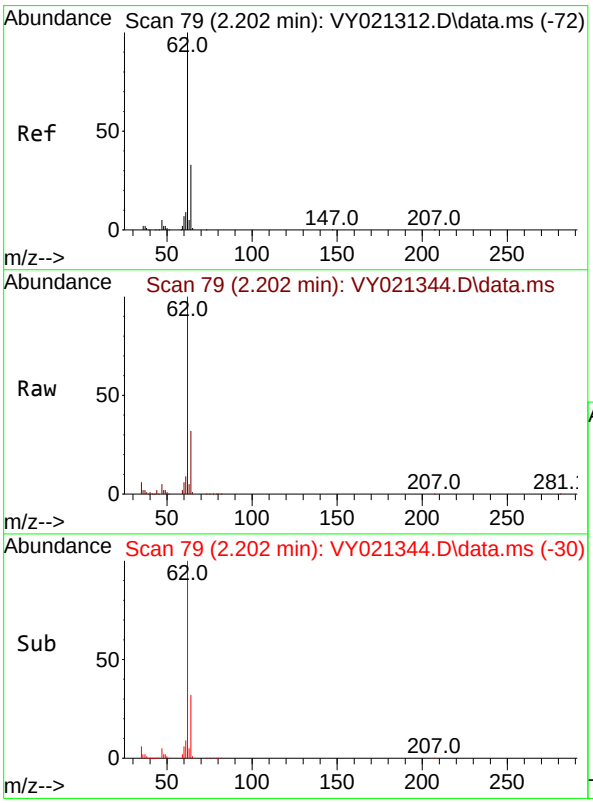
#3
Chloromethane
Concen: 46.199 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 118305

Ion	Ratio	Lower	Upper
50	100		
52	33.3	26.6	40.0

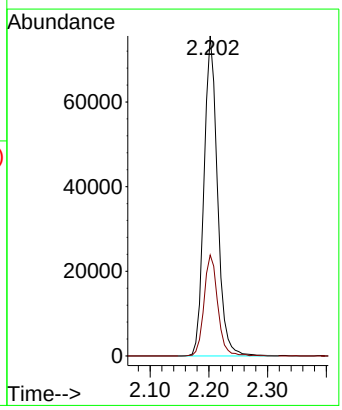


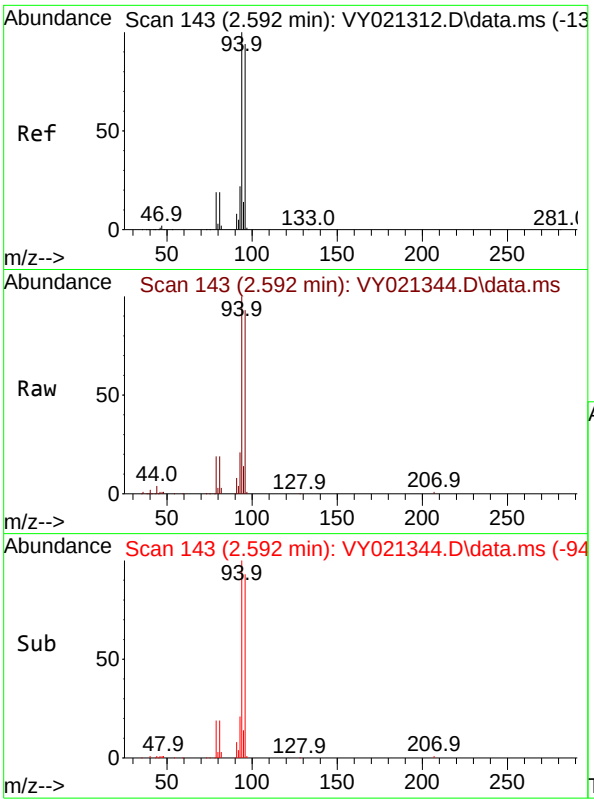


#4
Vinyl Chloride
Concen: 47.976 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 62 Resp: 120584

Ion	Ratio	Lower	Upper
62	100		
64	31.5	26.3	39.5



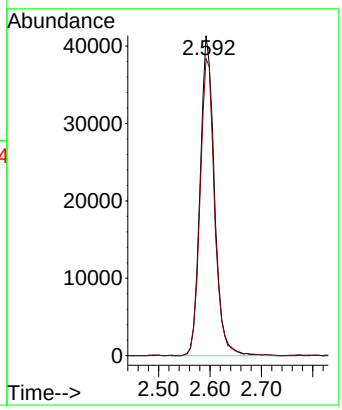


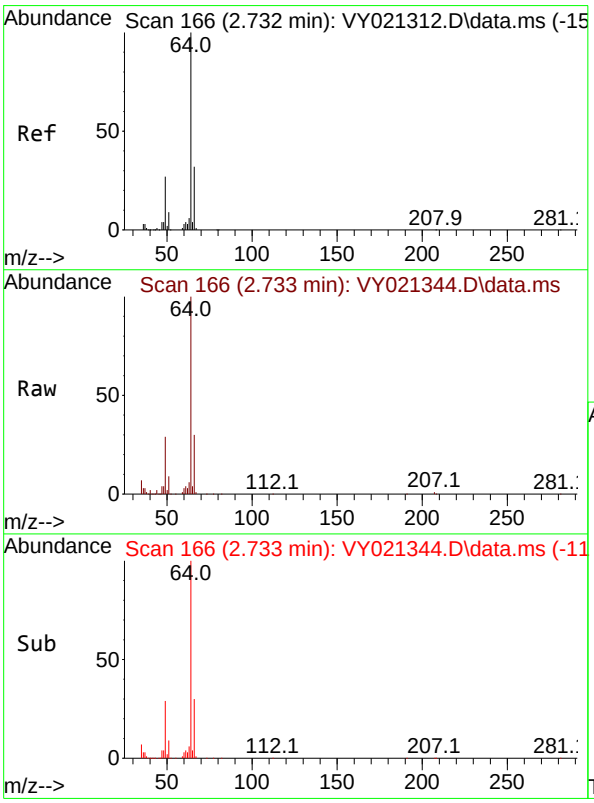
#5
Bromomethane
Concen: 47.832 ug/l
RT: 2.592 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 79891

Ion	Ratio	Lower	Upper
94	100		
96	92.8	75.2	112.8

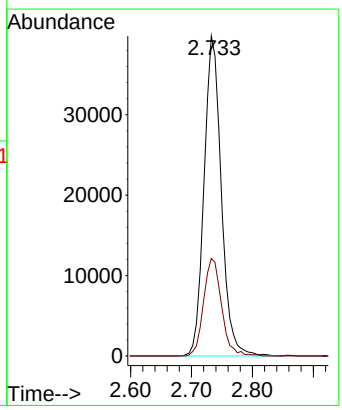


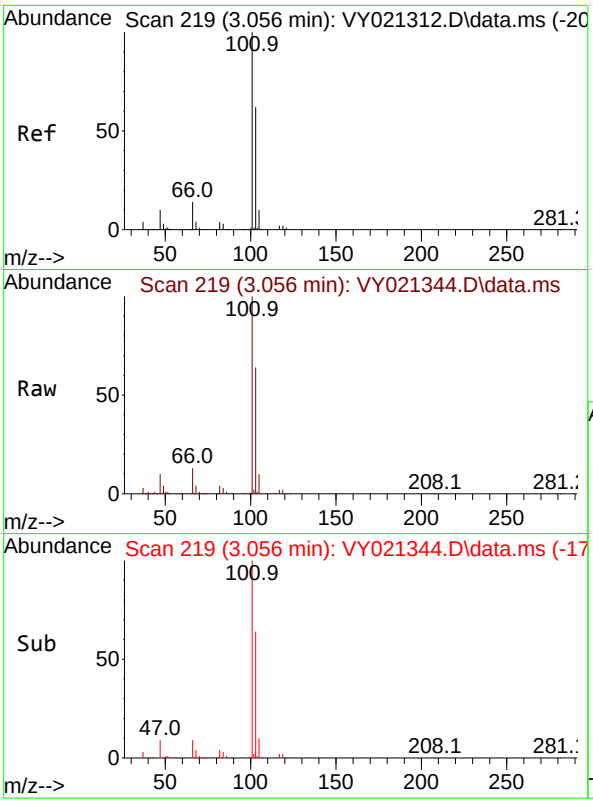


#6
Chloroethane
Concen: 50.180 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 64 Resp: 78213

Ion	Ratio	Lower	Upper
64	100		
66	30.4	25.4	38.0



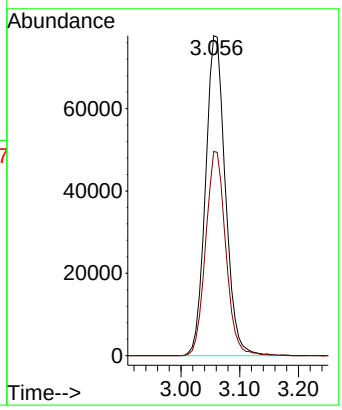


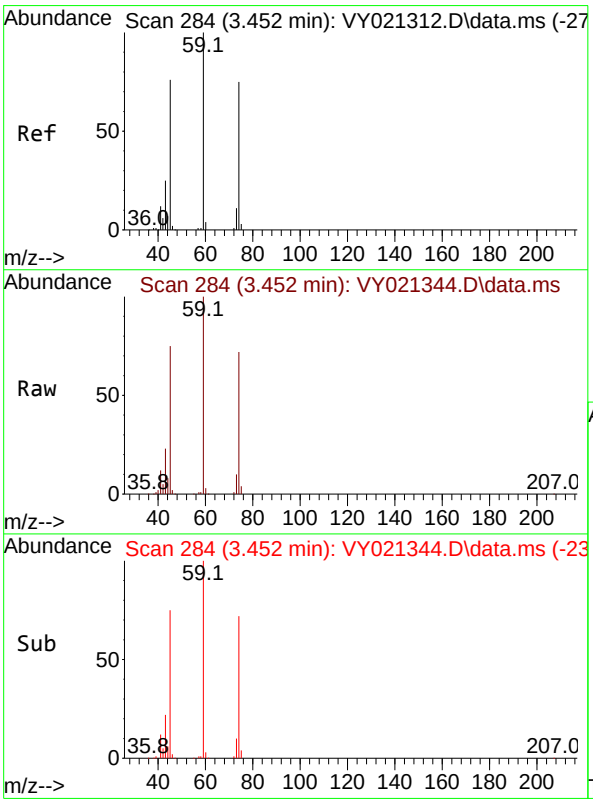
#7
Trichlorofluoromethane
Concen: 47.991 ug/l
RT: 3.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 182167

Ion	Ratio	Lower	Upper
101	100		
103	63.8	49.7	74.5

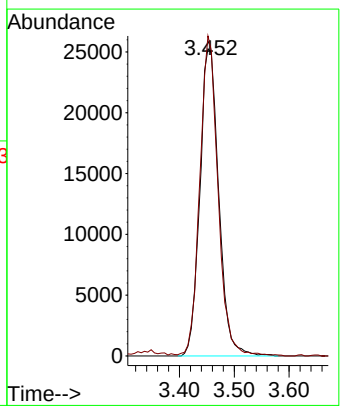


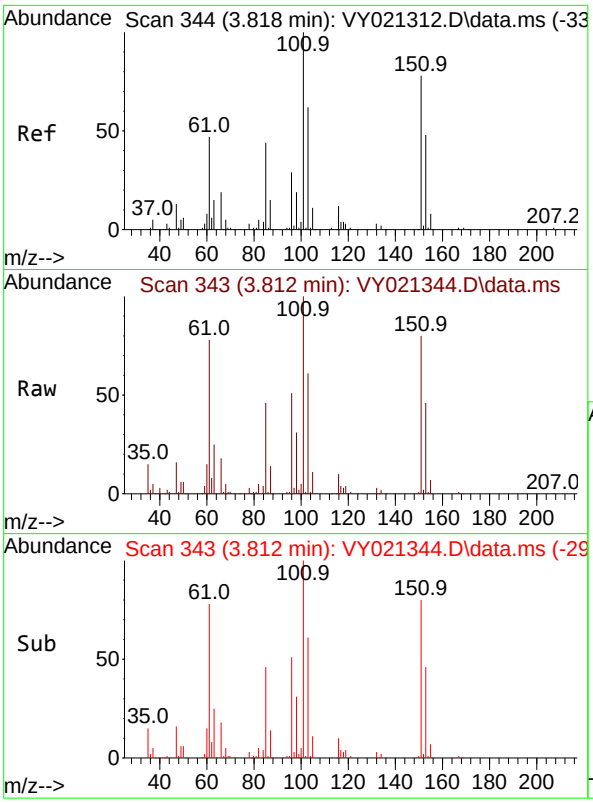


#8
Diethyl Ether
Concen: 53.265 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 74 Resp: 60683

Ion	Ratio	Lower	Upper
74	100		
45	99.3	50.3	150.9



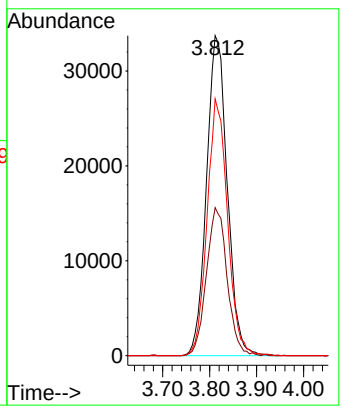


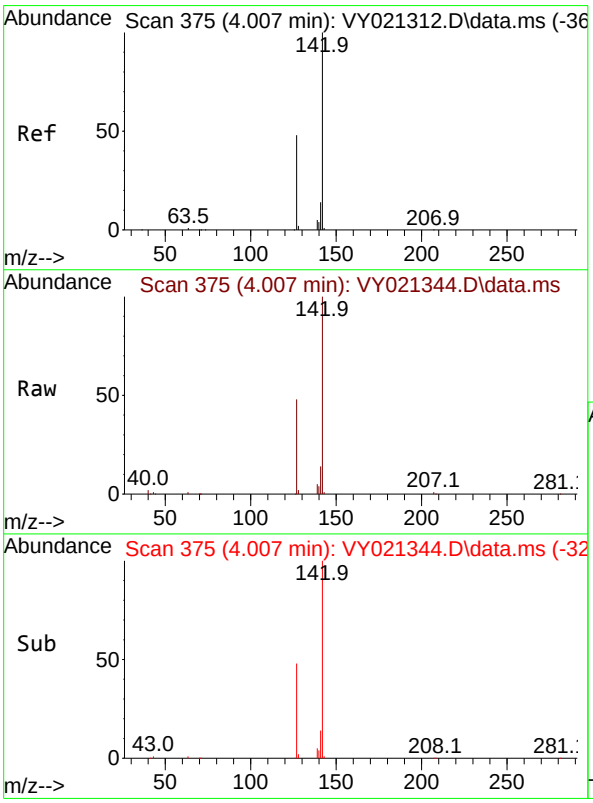
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.044 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 103386

Ion	Ratio	Lower	Upper
101	100		
85	46.2	36.7	55.1
151	79.0	62.6	94.0

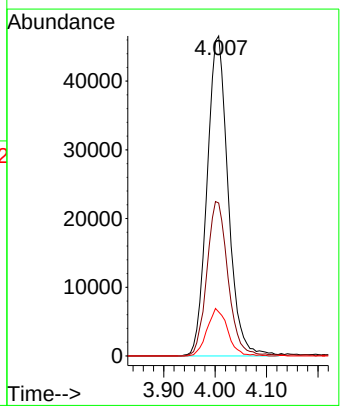


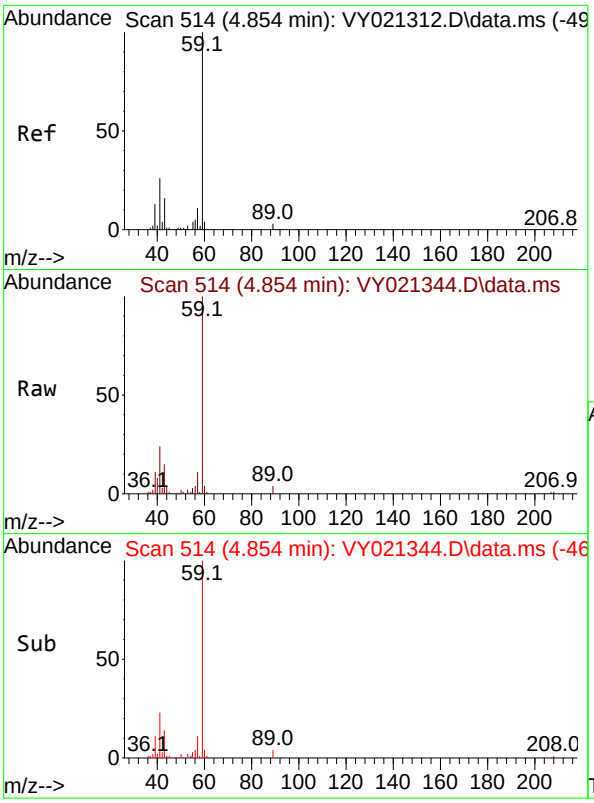


#10
Methyl Iodide
Concen: 57.386 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:142 Resp: 132681

Ion	Ratio	Lower	Upper
142	100		
127	48.5	39.2	58.8
141	14.5	11.4	17.2



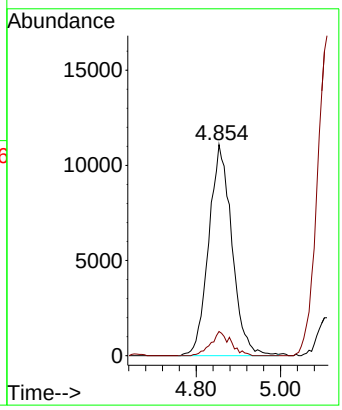


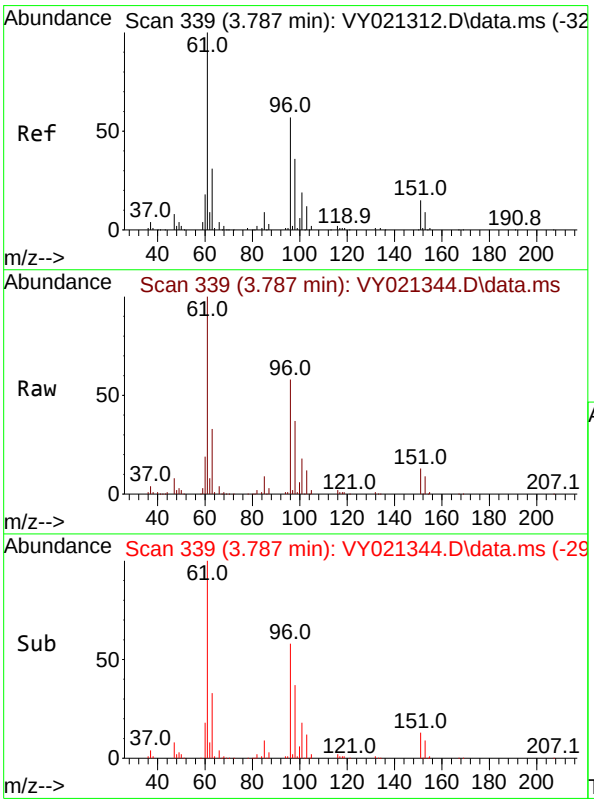
#11
Tert butyl alcohol
Concen: 231.715 ug/l
RT: 4.854 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 42284

Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.3	12.5

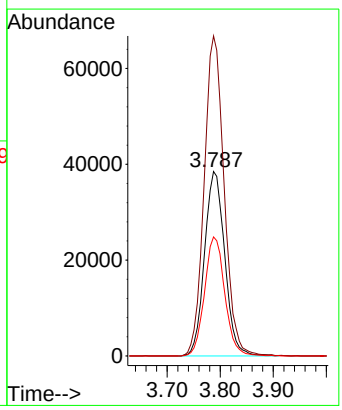


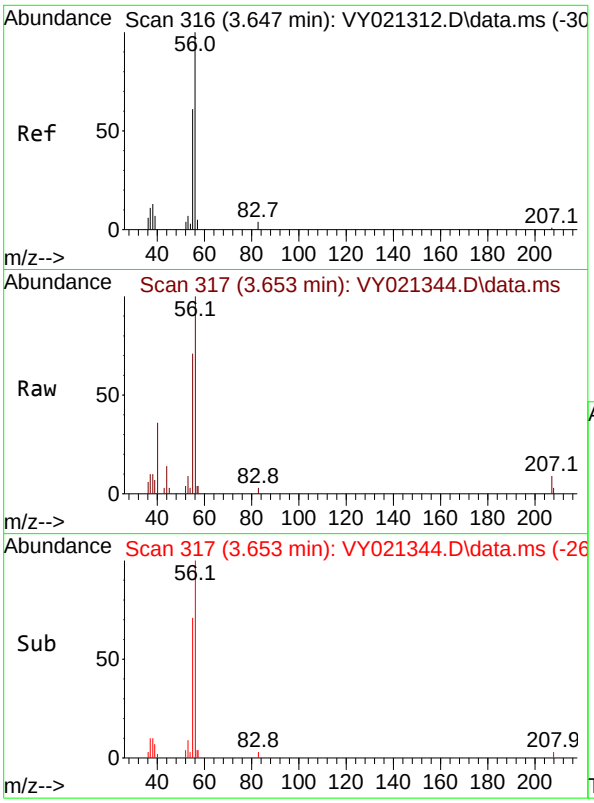


#12
1,1-Dichloroethene
Concen: 48.566 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 96 Resp: 102196

Ion	Ratio	Lower	Upper
96	100		
61	173.5	139.7	209.5
98	64.6	49.7	74.5



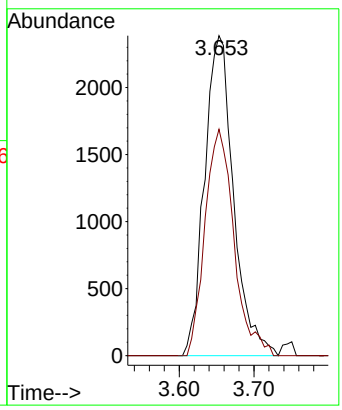


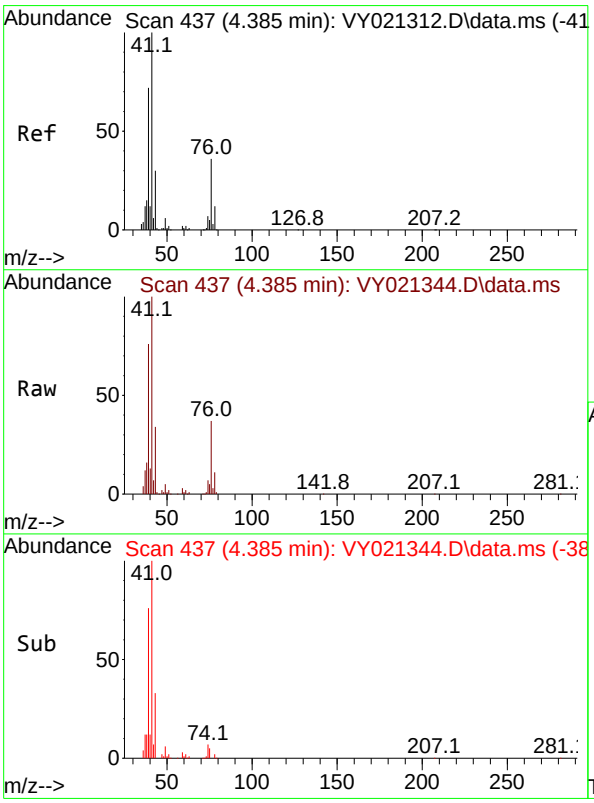
#13
Acrolein
Concen: 45.939 ug/l
RT: 3.653 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 6424

Ion	Ratio	Lower	Upper
56	100		
55	70.7	59.0	88.6

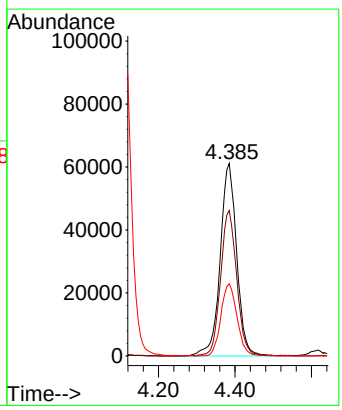


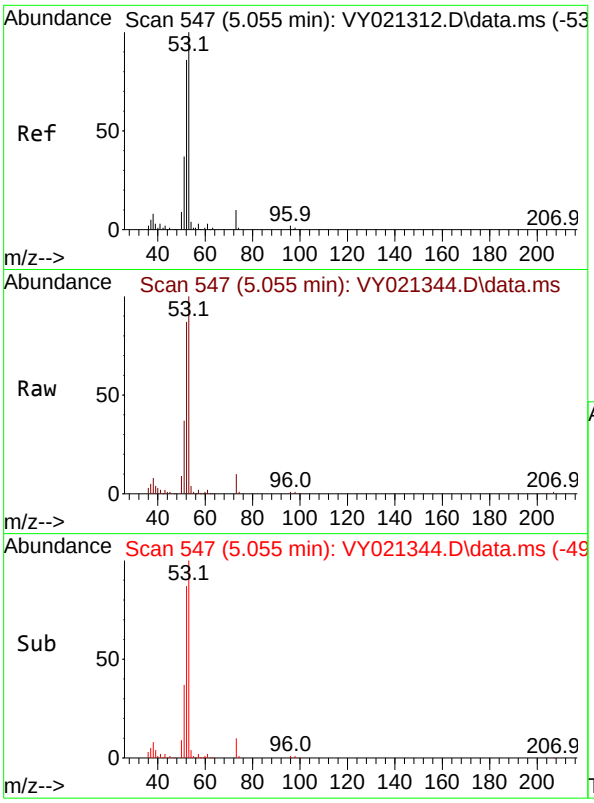


#14
Allyl chloride
Concen: 49.143 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 41 Resp: 183341

Ion	Ratio	Lower	Upper
41	100		
39	74.0	60.0	90.0
76	36.6	29.0	43.6



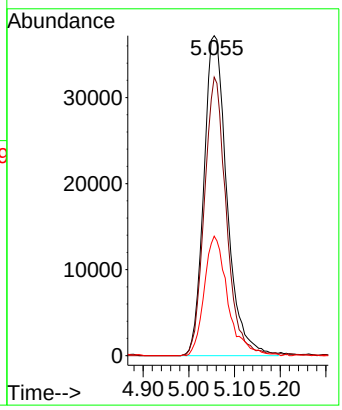


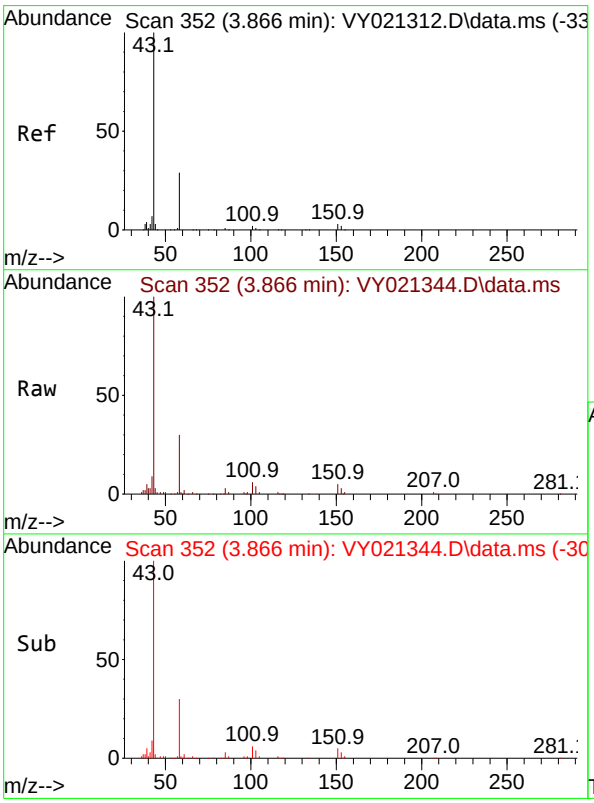
#15
Acrylonitrile
Concen: 259.792 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 130861

Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.5	98.3
51	38.1	30.6	46.0

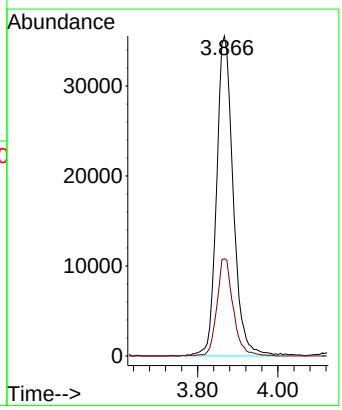


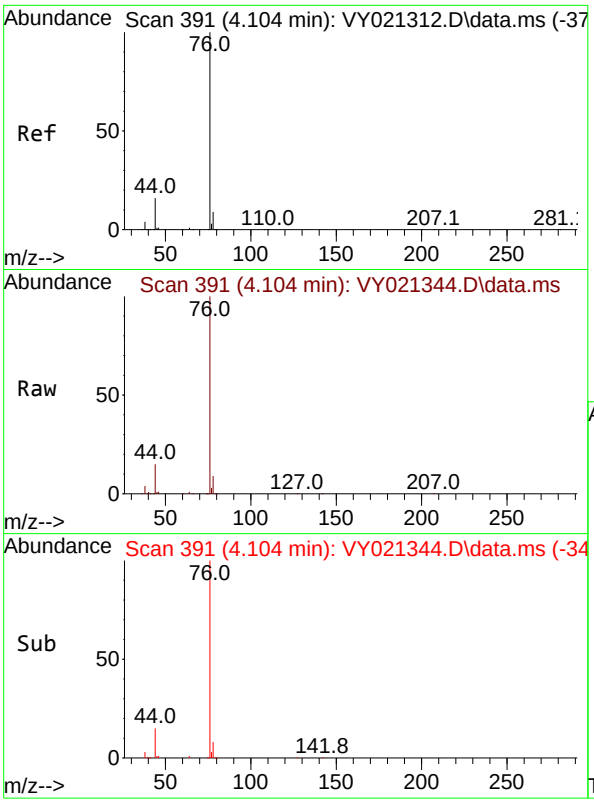


#16
Acetone
Concen: 224.914 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 43 Resp: 102355

Ion	Ratio	Lower	Upper
43	100		
58	30.4	23.5	35.3



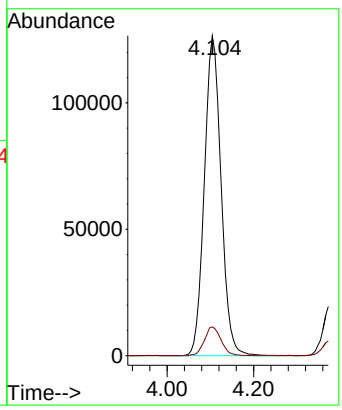


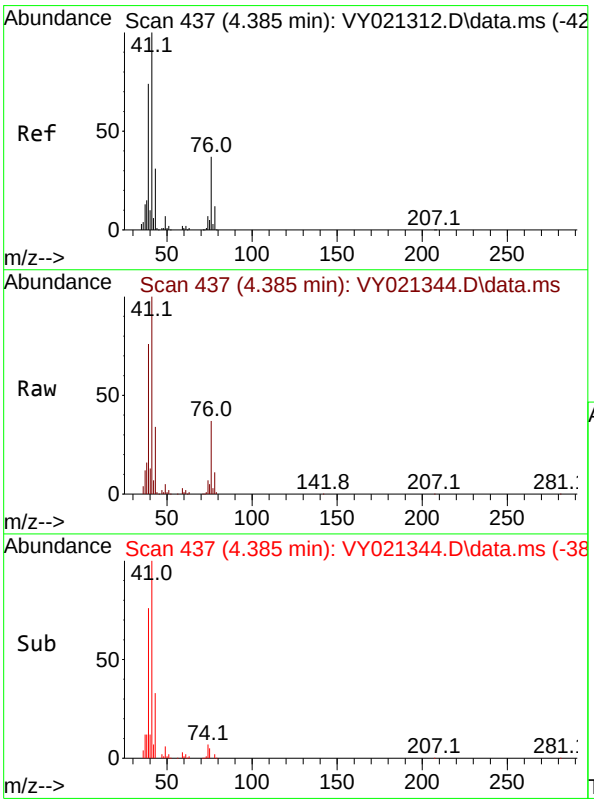
#17
Carbon Disulfide
Concen: 48.671 ug/l
RT: 4.104 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 340079

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7

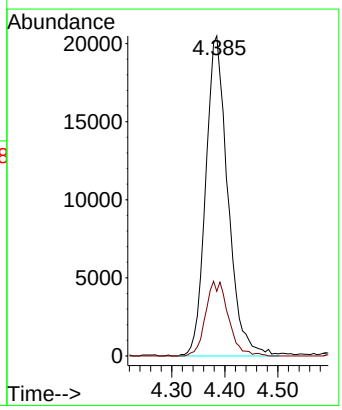


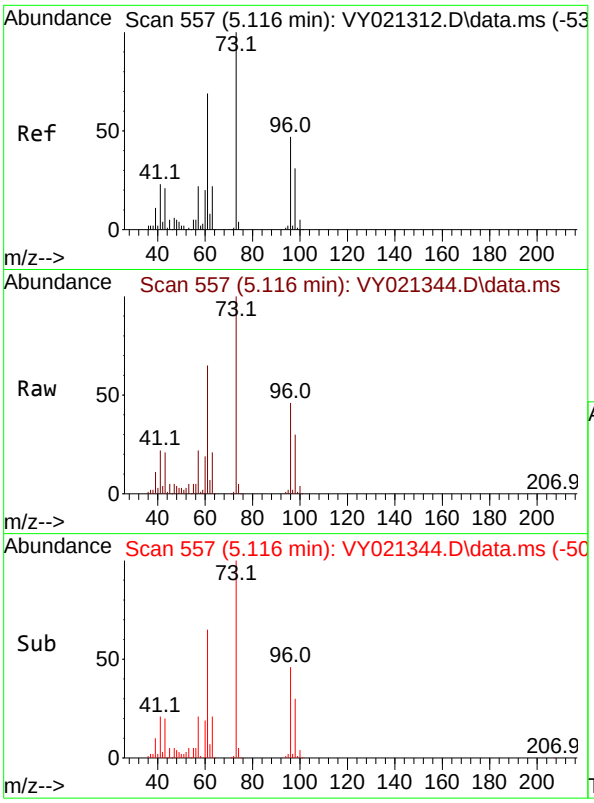


#18
Methyl Acetate
Concen: 53.445 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 43 Resp: 59440

Ion	Ratio	Lower	Upper
43	100		
74	24.0	17.7	26.5



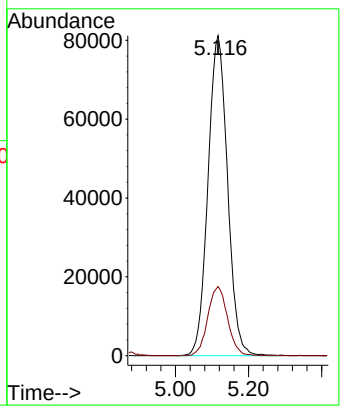


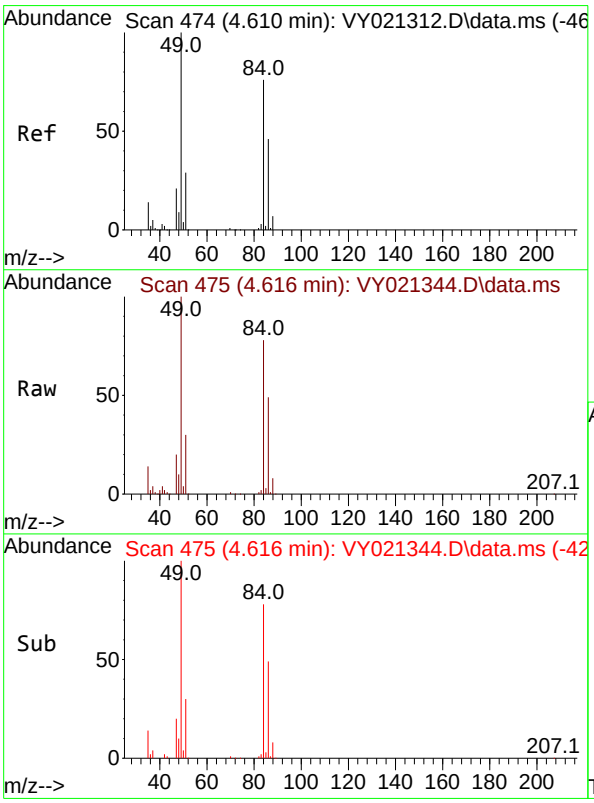
#19
Methyl tert-butyl Ether
Concen: 54.123 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 300902

Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.4	26.0

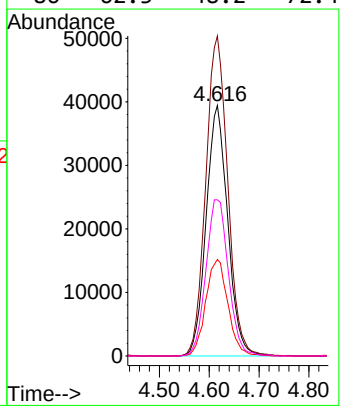


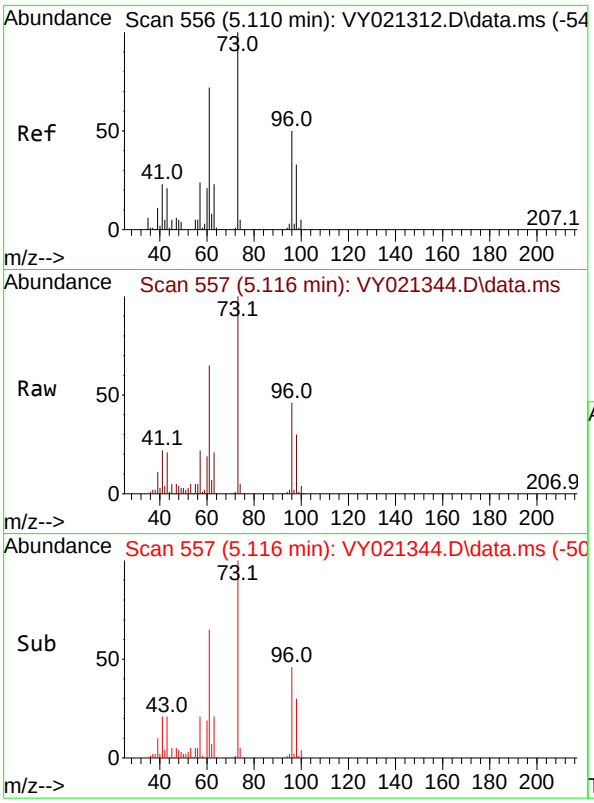


#20
Methylene Chloride
Concen: 48.152 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 84 Resp: 118498

Ion	Ratio	Lower	Upper
84	100		
49	127.7	105.1	157.7
51	38.5	31.0	46.4
86	62.3	48.2	72.4



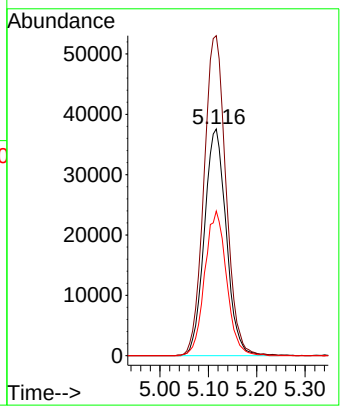


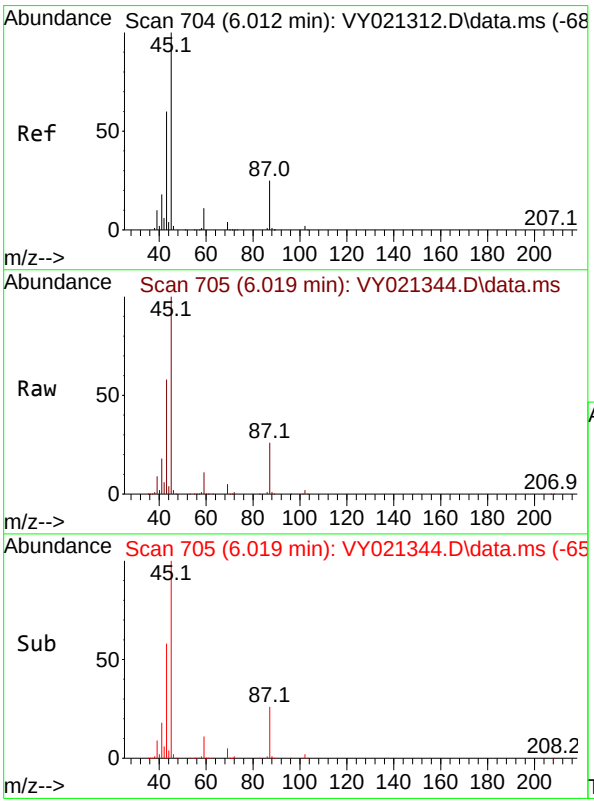
#21
trans-1,2-Dichloroethene
Concen: 51.077 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 118319

Ion	Ratio	Lower	Upper
96	100		
61	141.0	116.3	174.5
98	63.8	52.6	78.8

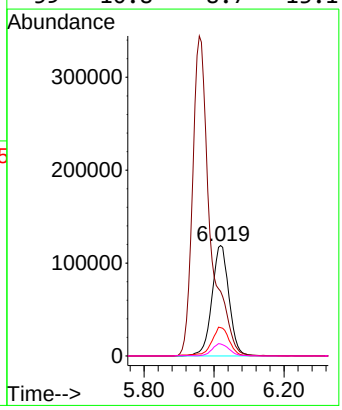


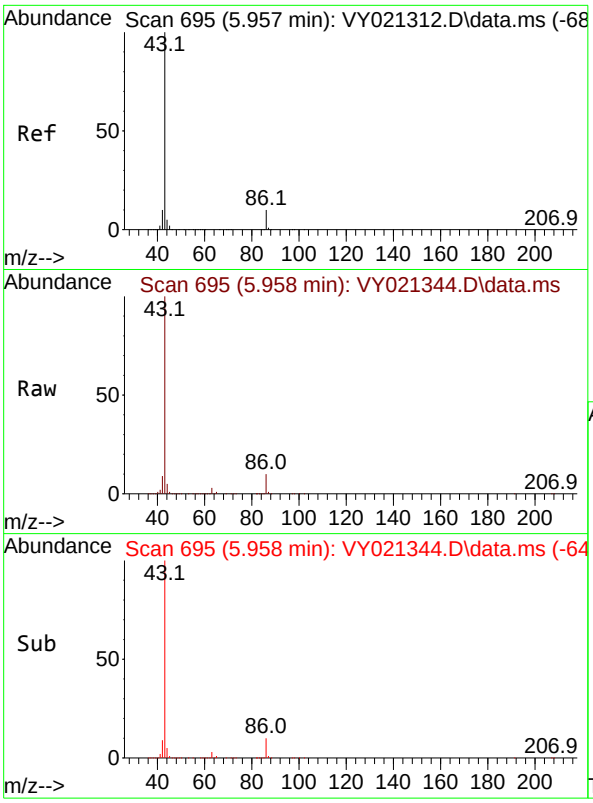


#22
Diisopropyl ether
Concen: 52.185 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 45 Resp: 402879

Ion	Ratio	Lower	Upper
45	100		
43	58.1	48.2	72.4
87	25.7	20.3	30.5
59	10.8	8.7	13.1



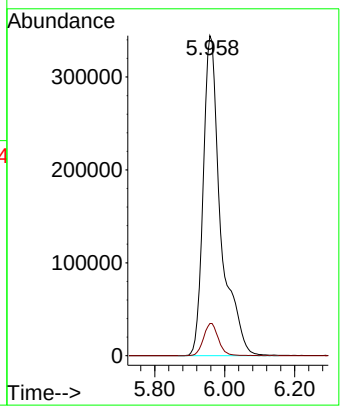


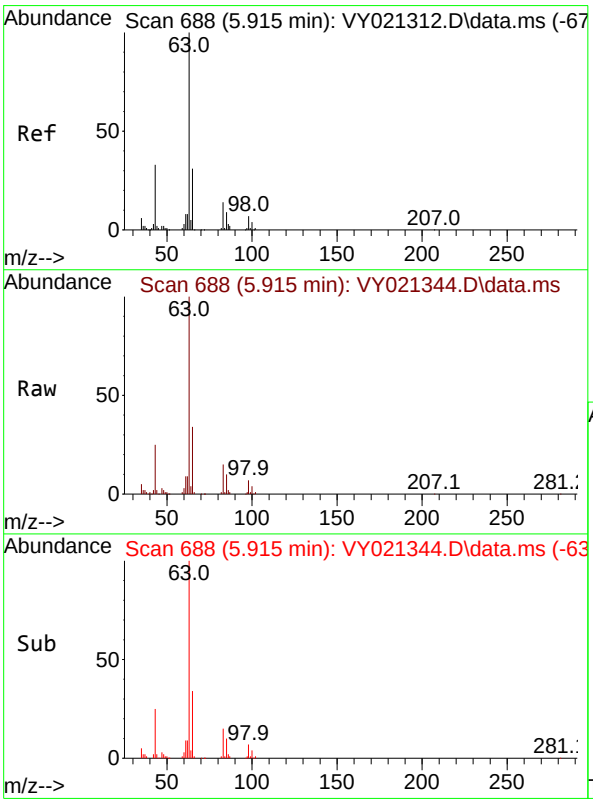
#23
Vinyl Acetate
Concen: 259.062 ug/l
RT: 5.958 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1195161

Ion	Ratio	Lower	Upper
43	100		
86	10.0	8.0	12.0

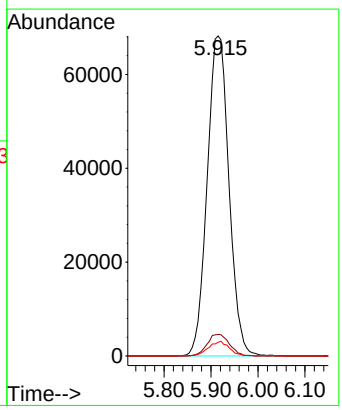


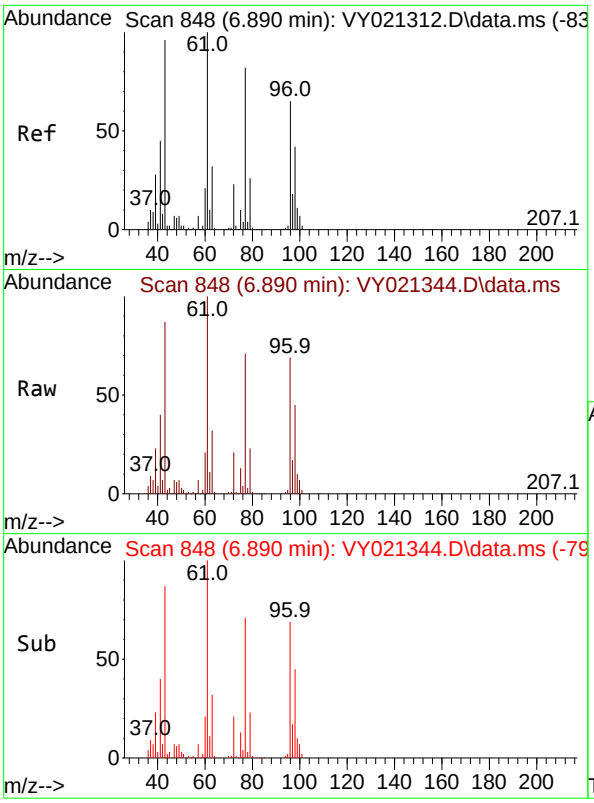


#24
1,1-Dichloroethane
Concen: 50.498 ug/l
RT: 5.915 min Scan# 688
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 63 Resp: 219734

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.7	11.1
100	4.3	2.1	6.5



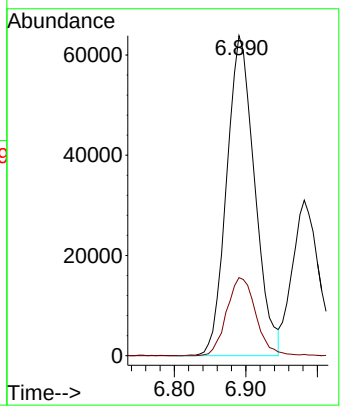


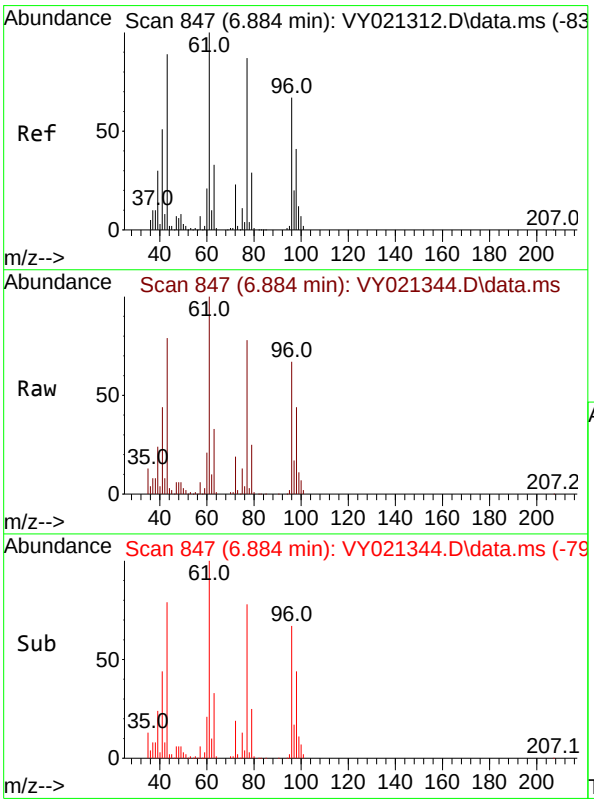
#25
2-Butanone
Concen: 253.286 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 173965

Ion	Ratio	Lower	Upper
43	100		
72	24.4	19.0	28.6

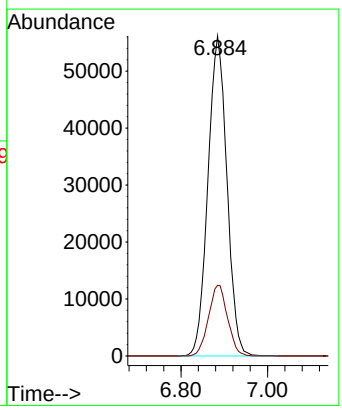


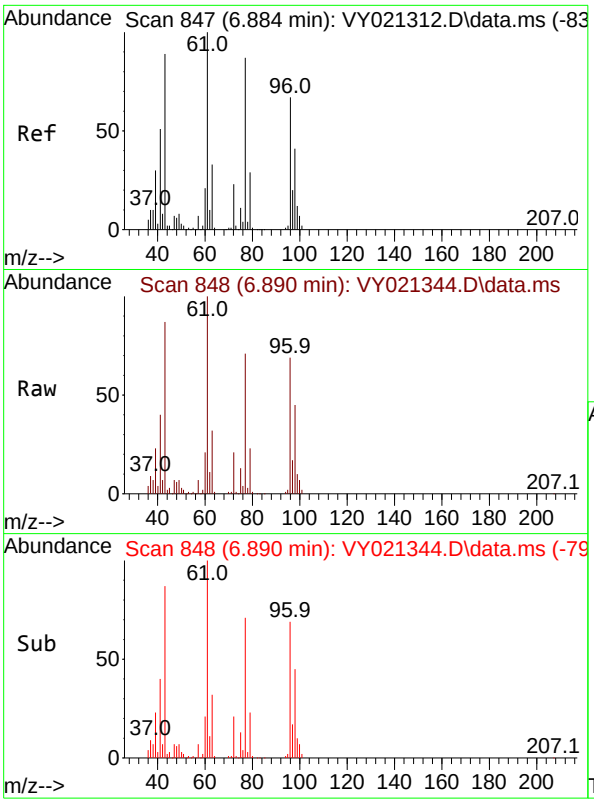


#26
2,2-Dichloropropane
Concen: 43.292 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 77 Resp: 170930

Ion	Ratio	Lower	Upper
77	100		
97	22.2	10.9	32.7



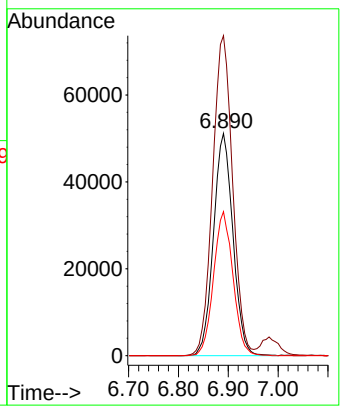


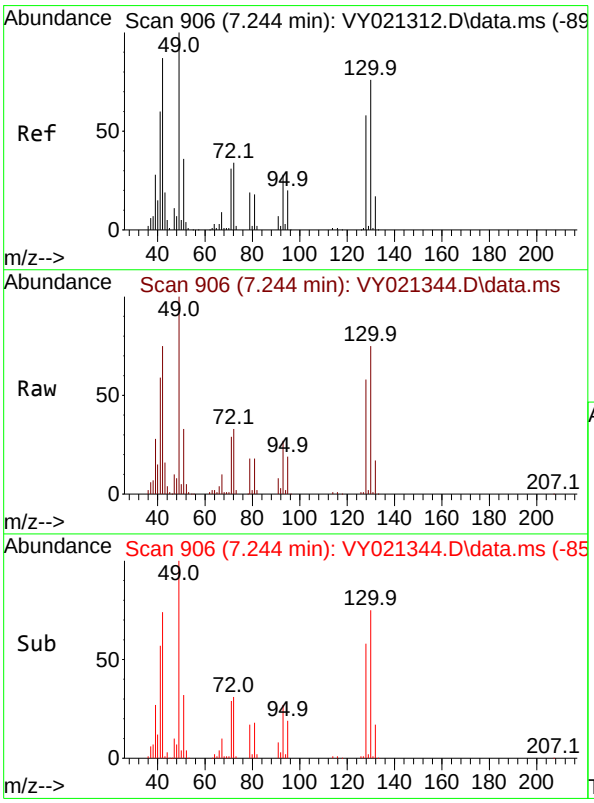
#27
cis-1,2-Dichloroethene
Concen: 52.447 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 138734

Ion	Ratio	Lower	Upper
96	100		
61	147.9	0.0	308.0
98	64.7	0.0	129.6

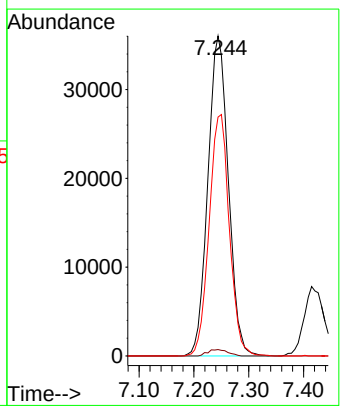


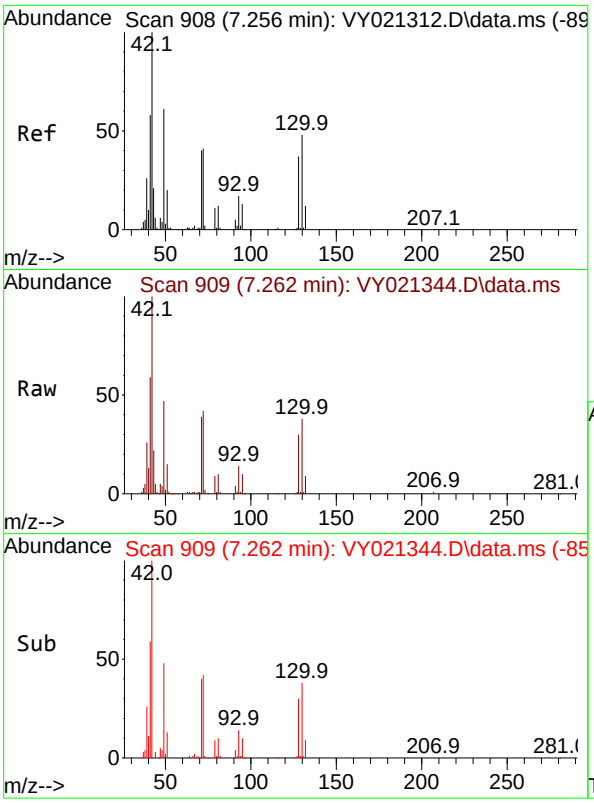


#28
Bromochloromethane
Concen: 48.465 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 49 Resp: 93313

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	74.6	57.8	86.6



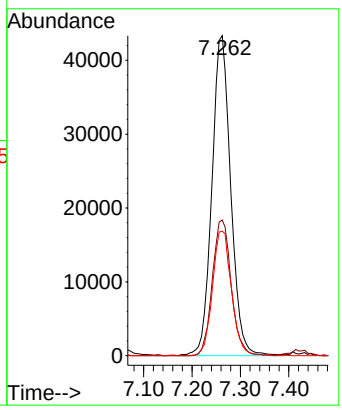


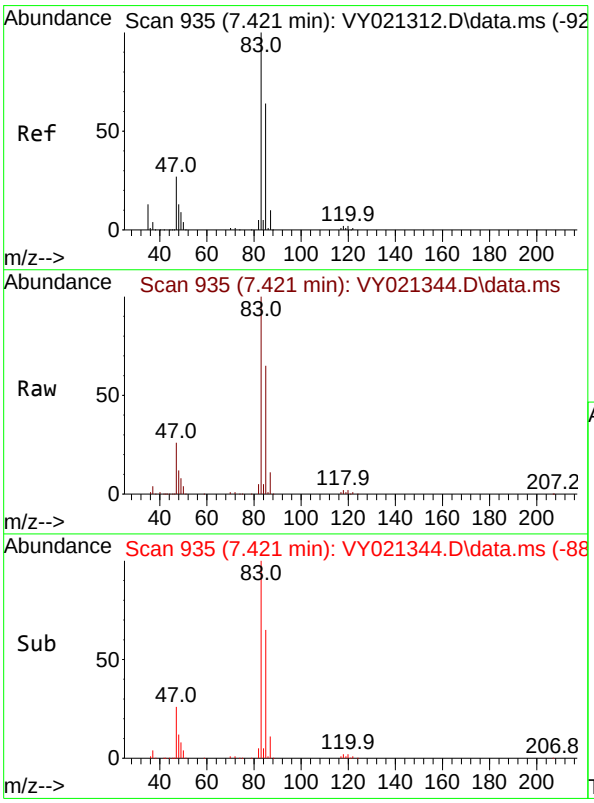
#29
Tetrahydrofuran
Concen: 261.209 ug/l
RT: 7.262 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 117269

Ion	Ratio	Lower	Upper
42	100		
72	42.4	33.1	49.7
71	39.3	31.4	47.0

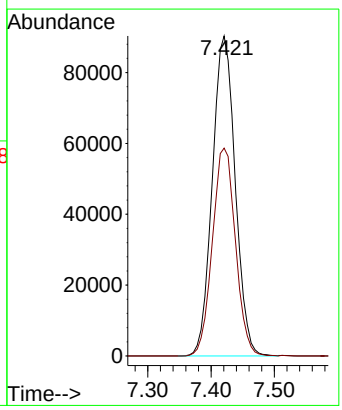


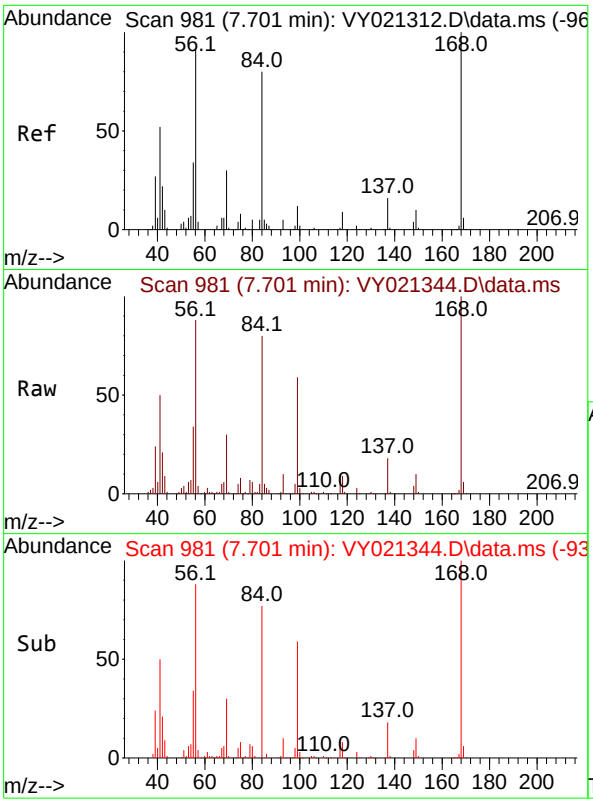


#30
Chloroform
Concen: 51.443 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 83 Resp: 226821

Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.6	77.4



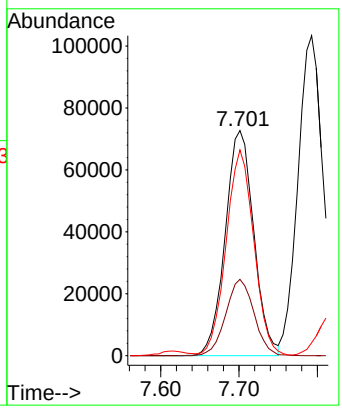


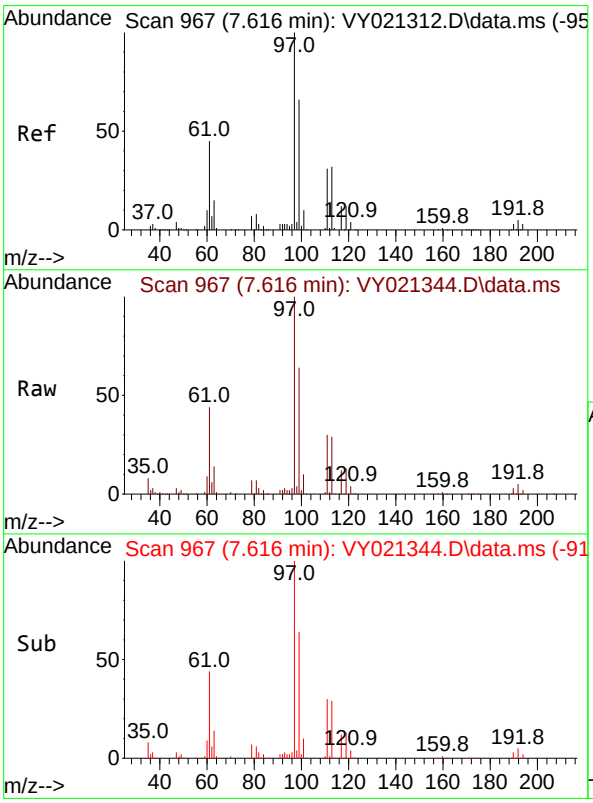
#31
Cyclohexane
Concen: 44.101 ug/l
RT: 7.701 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 184463

Ion	Ratio	Lower	Upper
56	100		
69	33.9	26.2	39.4
84	89.5	70.2	105.4

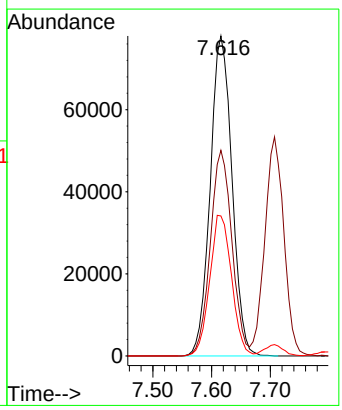


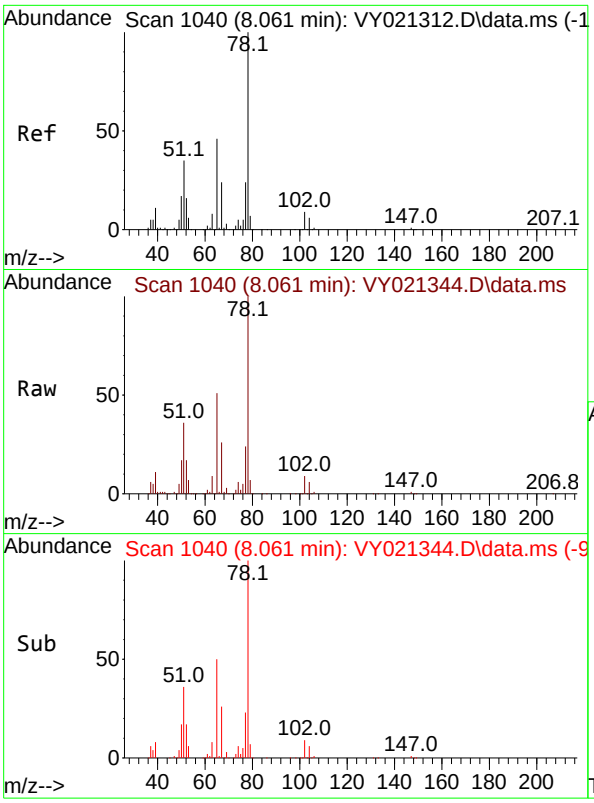


#32
1,1,1-Trichloroethane
Concen: 49.940 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 97 Resp: 200425

Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.4	78.6
61	44.2	36.2	54.2



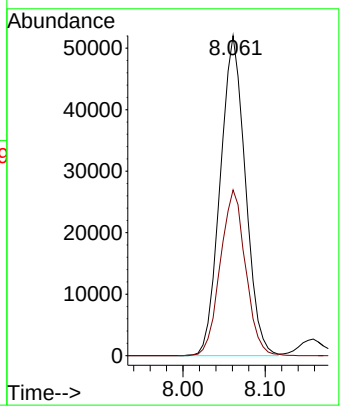


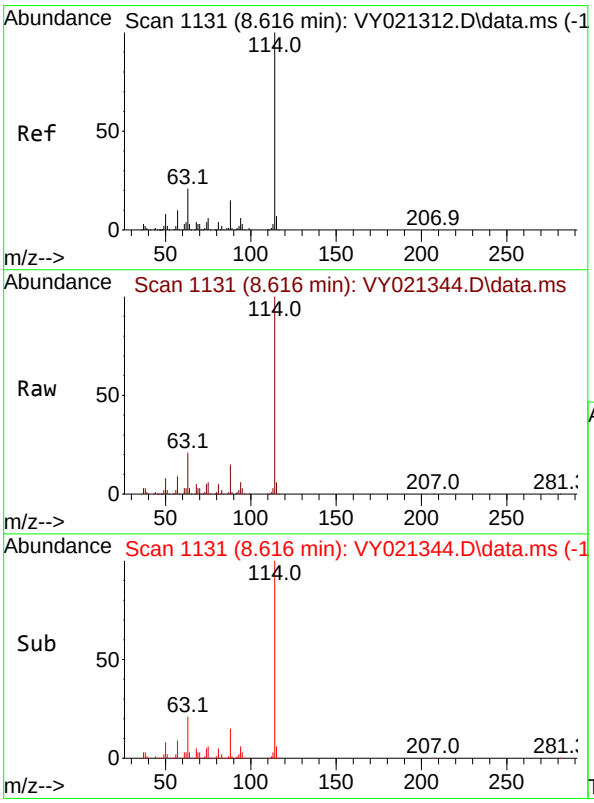
#33
1,2-Dichloroethane-d4
Concen: 46.619 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 110600

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	103.6

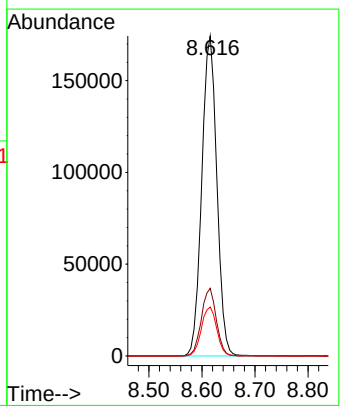


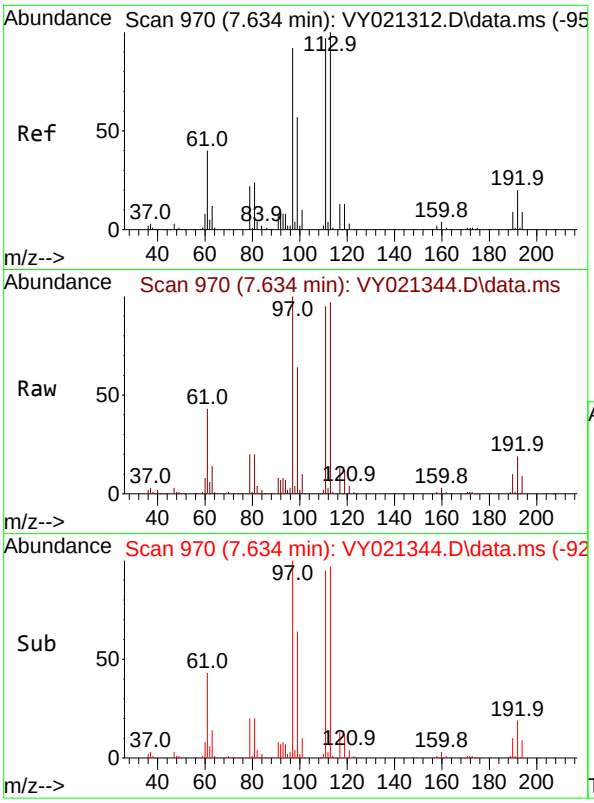


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:114 Resp: 343428

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	42.2
88	15.3	0.0	29.8



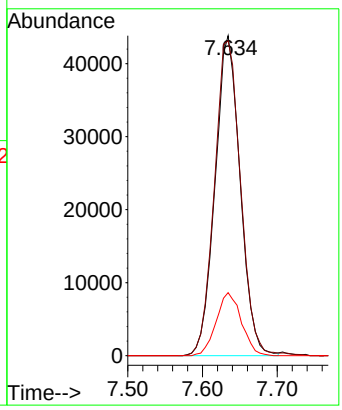


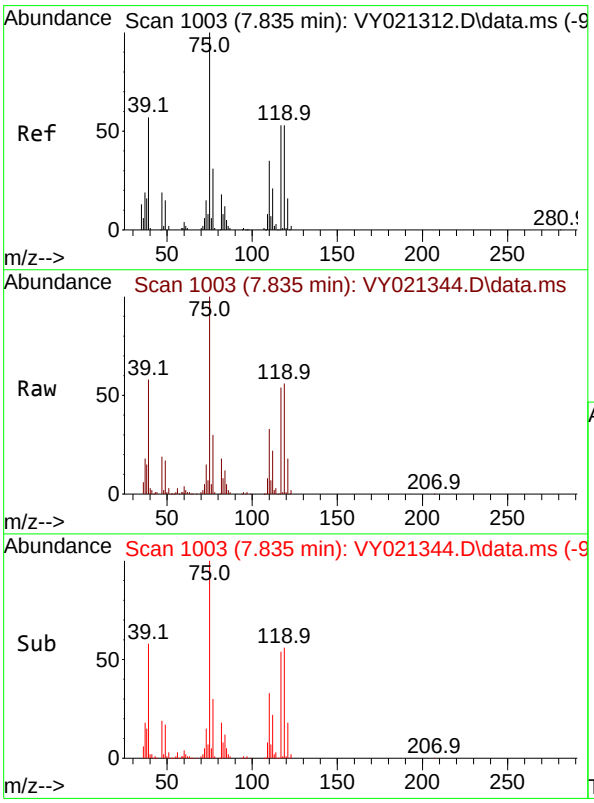
#35
Dibromofluoromethane
Concen: 45.429 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 102286

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.0	121.6
192	19.8	15.8	23.8

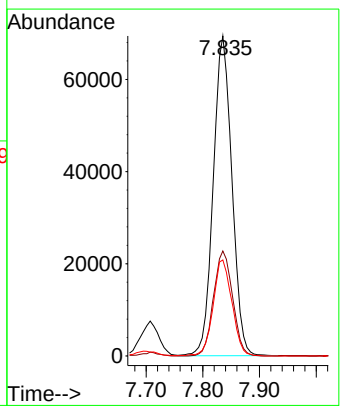


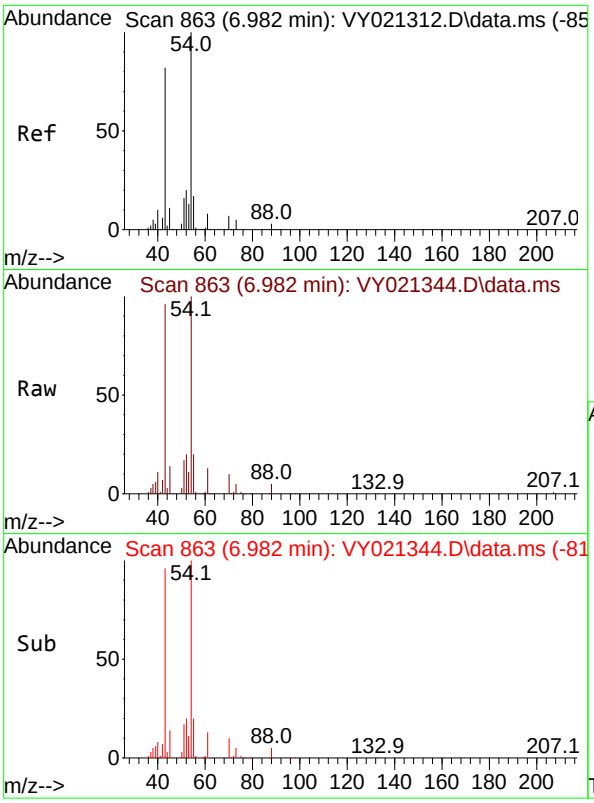


#36
1,1-Dichloropropene
Concen: 46.928 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 75 Resp: 158713

Ion	Ratio	Lower	Upper
75	100		
110	33.5	16.9	50.7
77	30.3	24.6	36.8



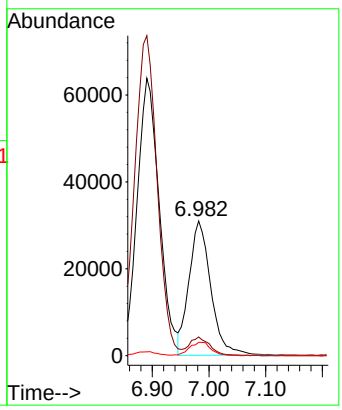


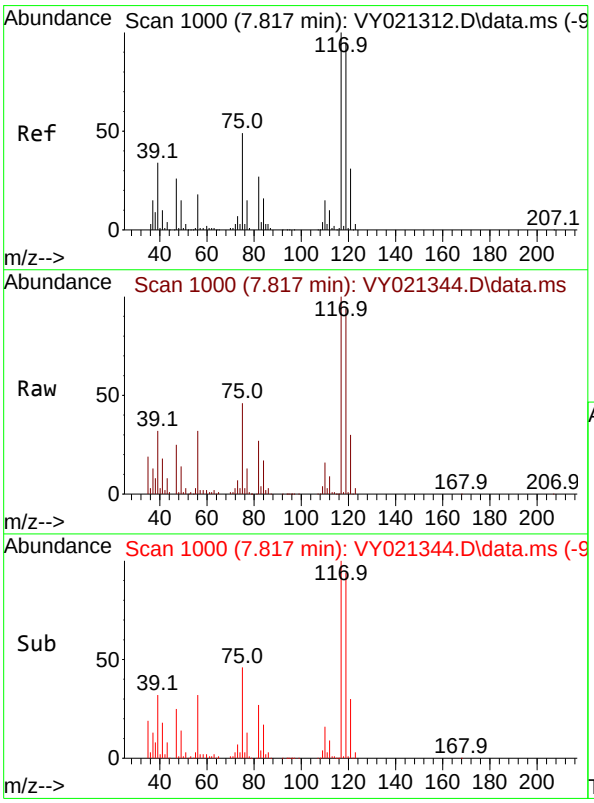
#37
Ethyl Acetate
Concen: 48.999 ug/l
RT: 6.982 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 82433

Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.4	15.6
70	10.0	7.5	11.3

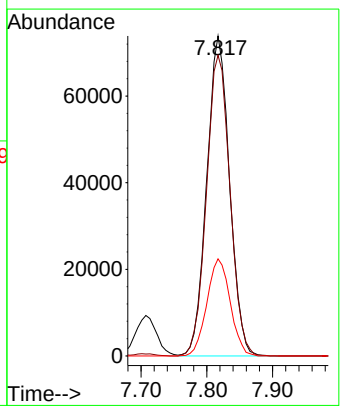


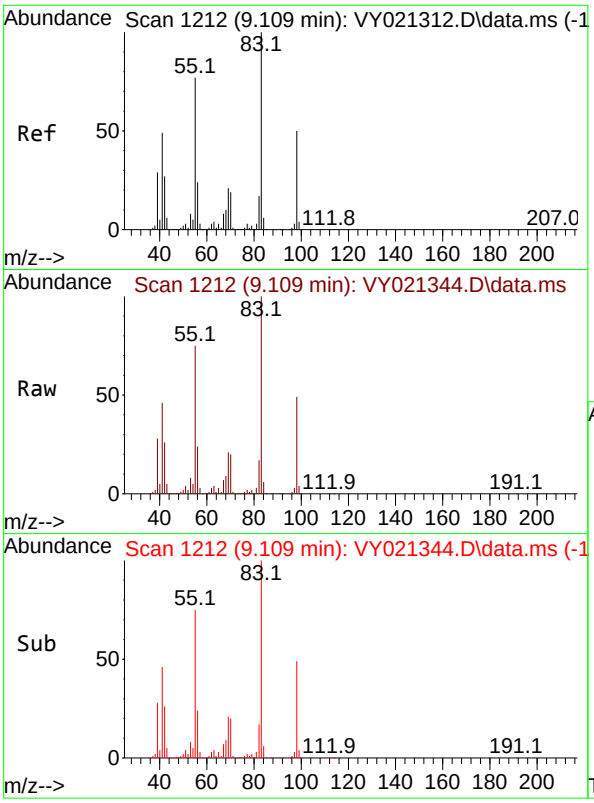


#38
Carbon Tetrachloride
Concen: 46.933 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:117 Resp: 178448

Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.0	114.0
121	30.4	24.9	37.3



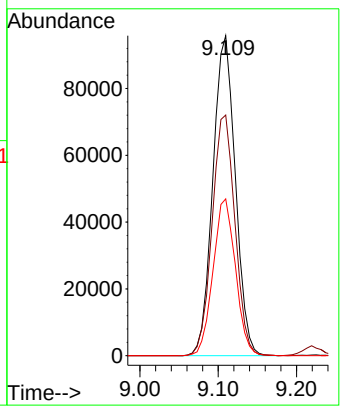


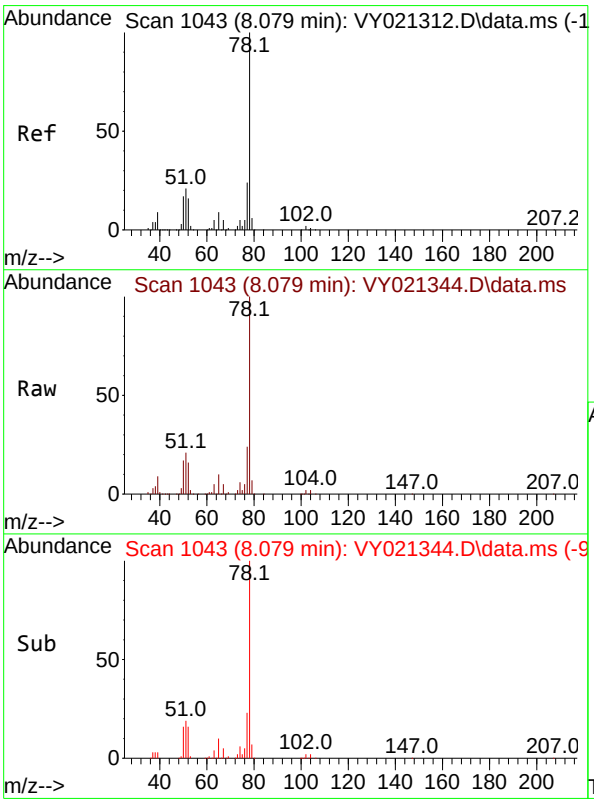
#39
Methylcyclohexane
Concen: 44.707 ug/l
RT: 9.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 191242

Ion	Ratio	Lower	Upper
83	100		
55	75.2	61.3	91.9
98	49.0	39.9	59.9

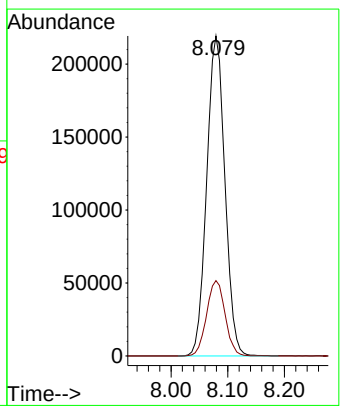


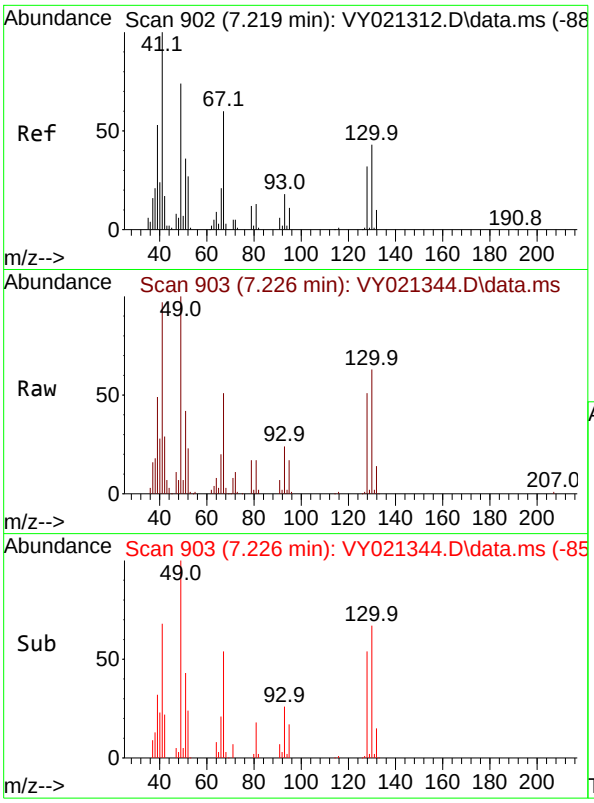


#40
Benzene
Concen: 48.823 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 78 Resp: 488113

Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.2	28.8



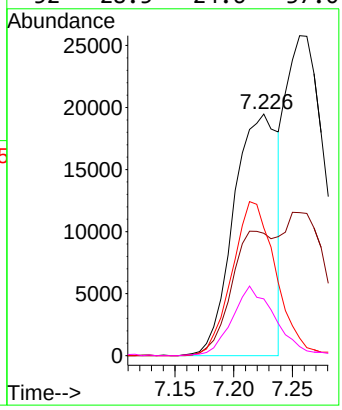


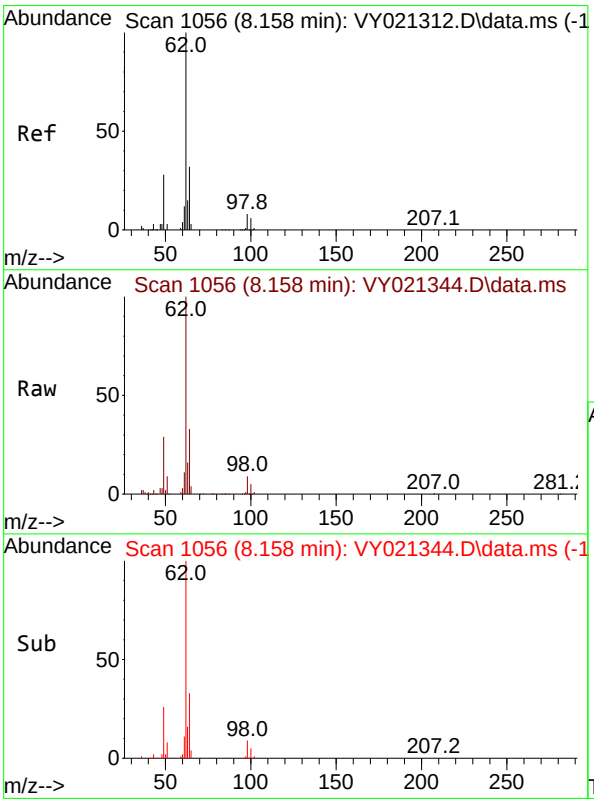
#41
Methacrylonitrile
Concen: 54.039 ug/l
RT: 7.226 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 50830

Ion	Ratio	Lower	Upper
41	100		
39	46.4	42.3	63.5
67	63.7	54.8	82.2
52	28.5	24.6	37.0

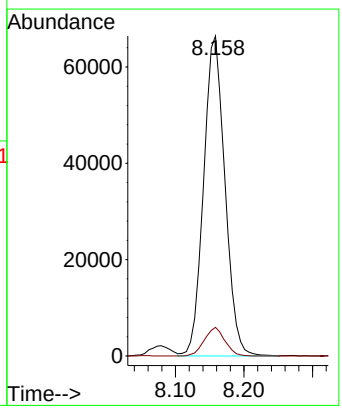


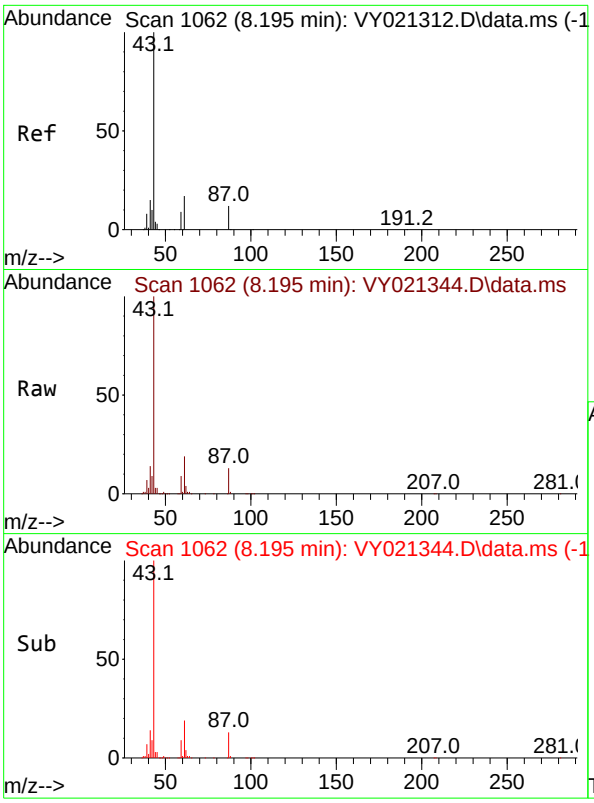


#42
1,2-Dichloroethane
Concen: 50.672 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 62 Resp: 143731

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.6



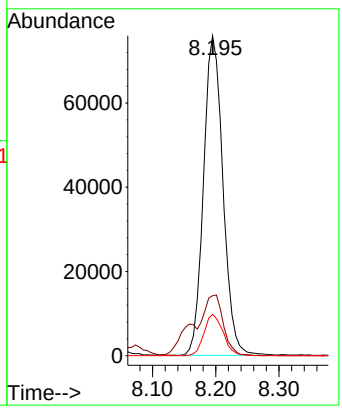


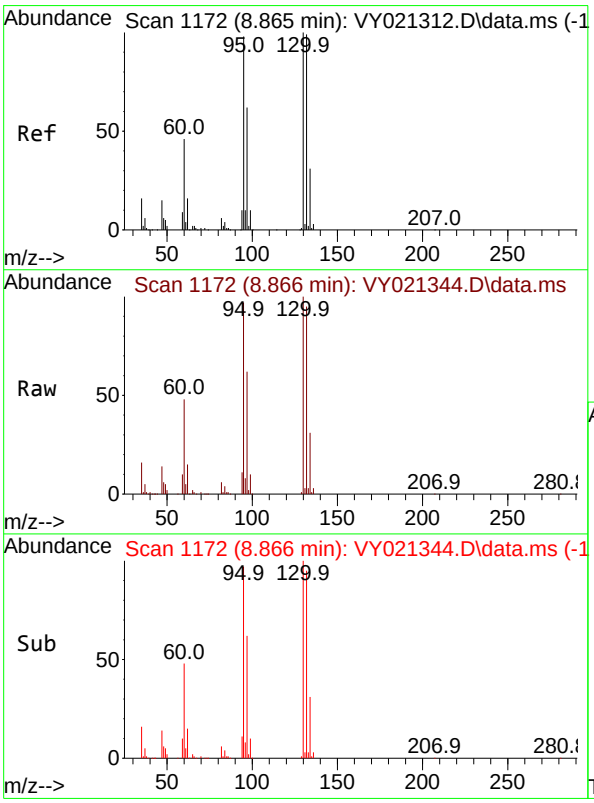
#43
Isopropyl Acetate
Concen: 49.861 ug/l
RT: 8.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 162361

Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.0	22.6
87	12.7	10.0	15.0

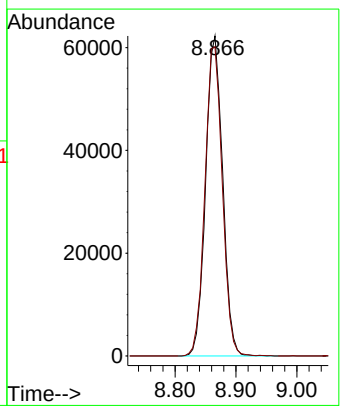


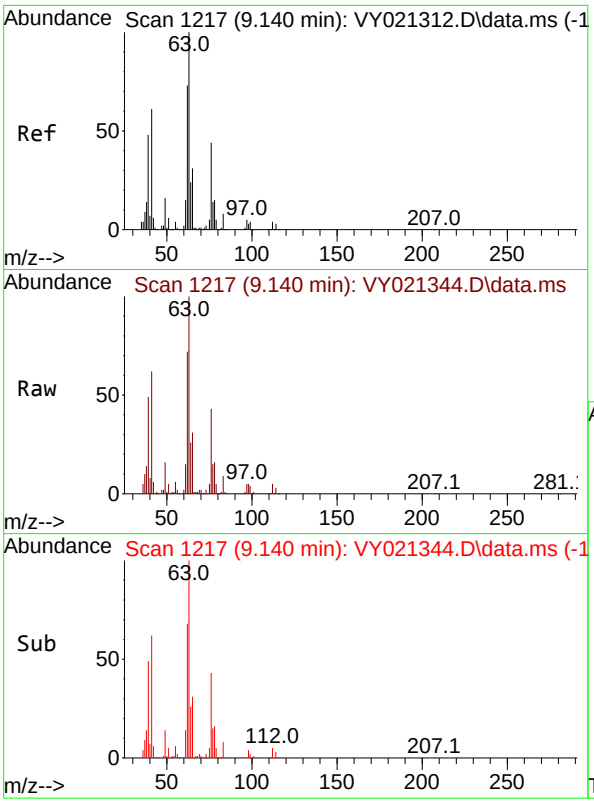


#44
Trichloroethene
Concen: 48.271 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:130 Resp: 120825

Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	196.0



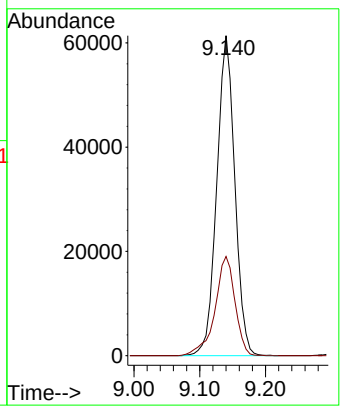


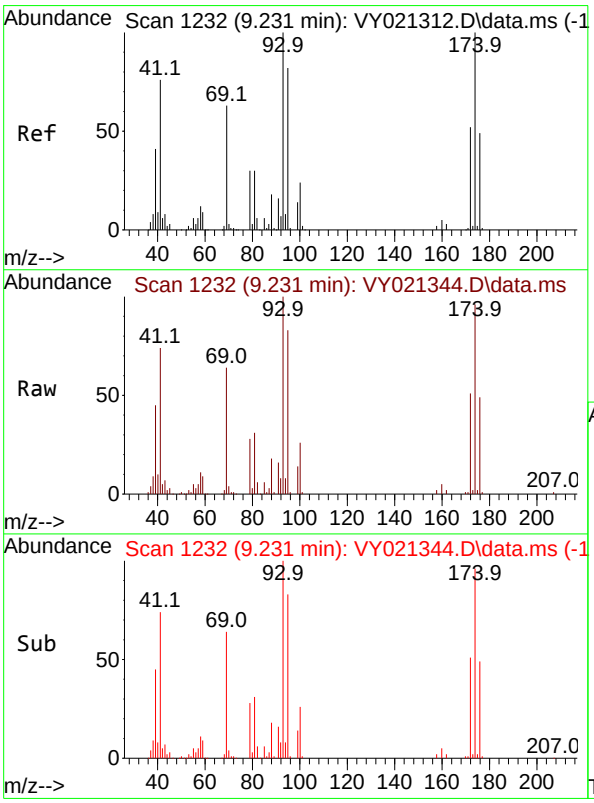
#45
1,2-Dichloropropane
Concen: 48.736 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 117257

Ion	Ratio	Lower	Upper
63	100		
65	31.0	24.6	36.8

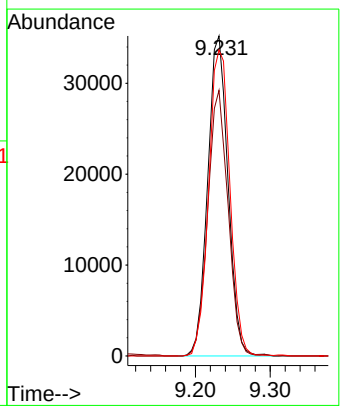


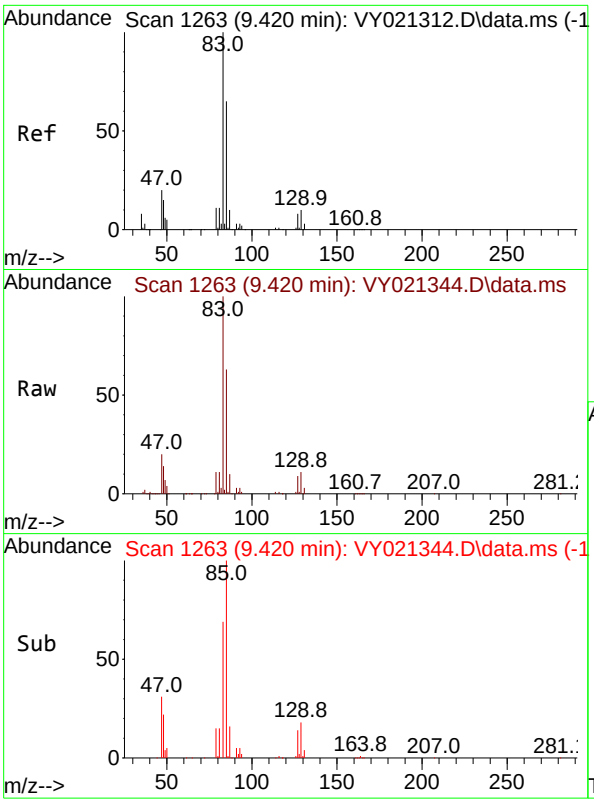


#46
Dibromomethane
Concen: 50.499 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 93 Resp: 66414

Ion	Ratio	Lower	Upper
93	100		
95	83.0	66.4	99.6
174	100.3	78.2	117.2



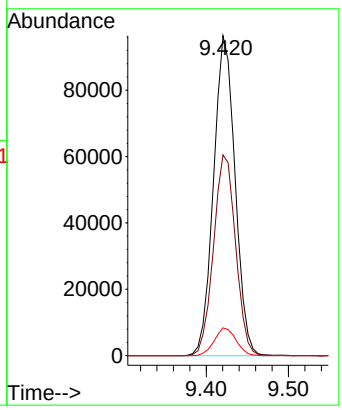


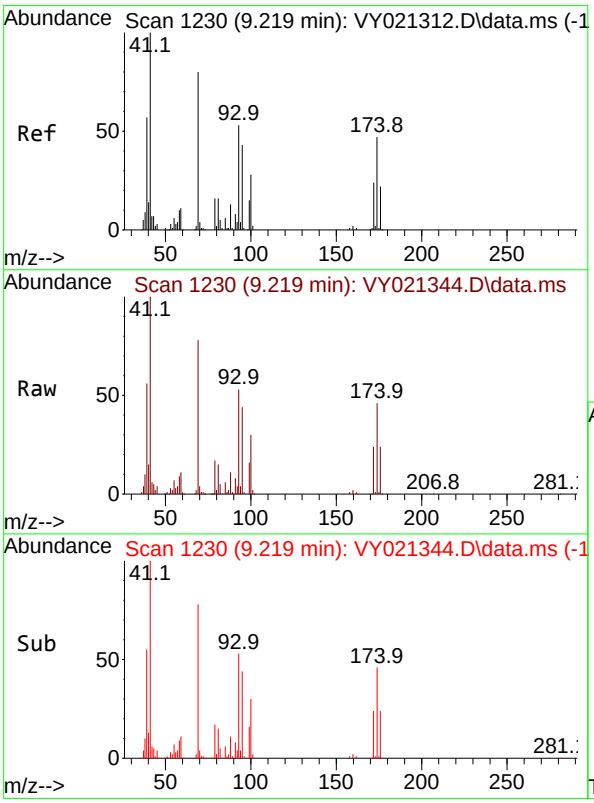
#47
Bromodichloromethane
Concen: 50.086 ug/l
RT: 9.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 175634

Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.8	77.8
127	8.7	6.7	10.1

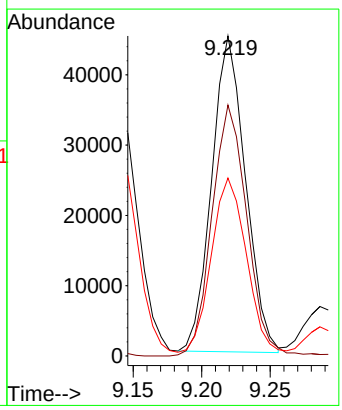


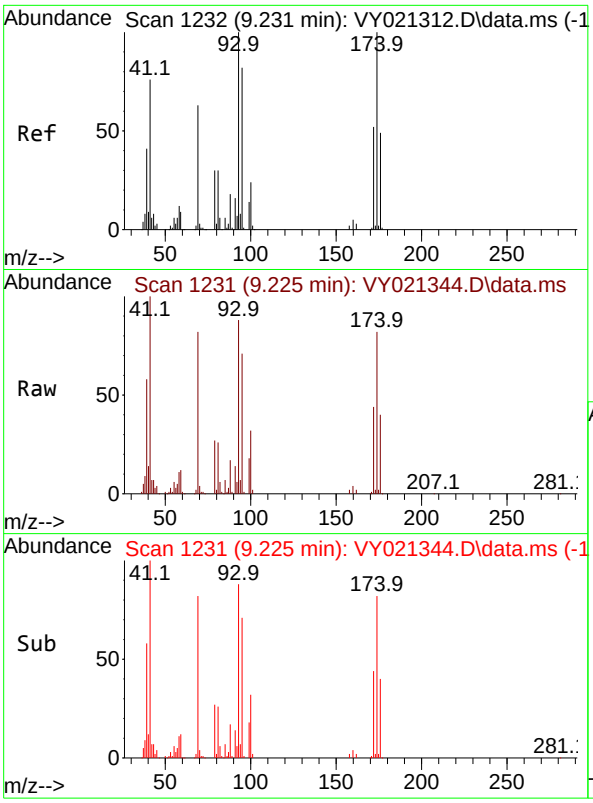


#48
Methyl methacrylate
Concen: 50.619 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 41 Resp: 77080

Ion	Ratio	Lower	Upper
41	100		
69	82.7	63.3	94.9
39	57.1	45.0	67.6



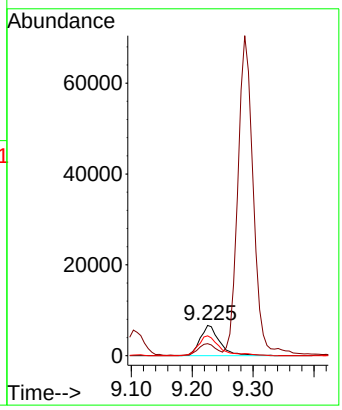


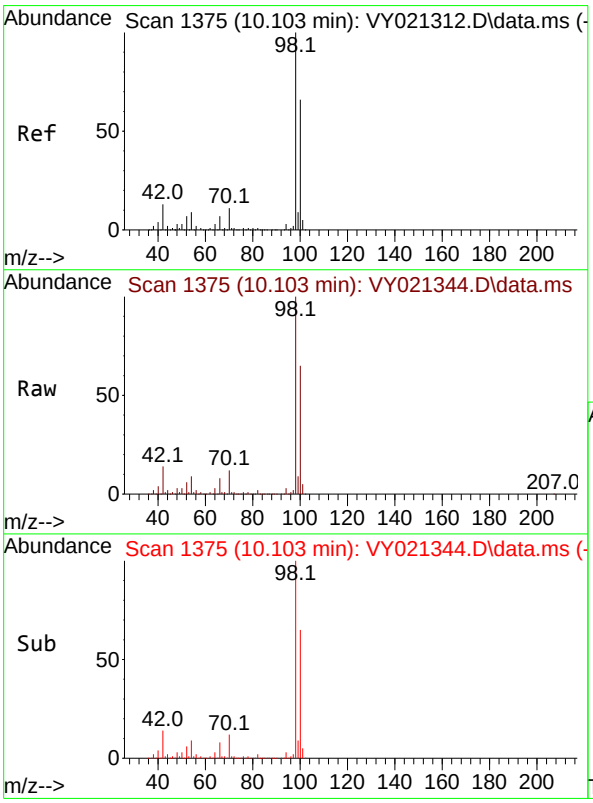
#49
1,4-Dioxane
Concen: 1015.844 ug/l
RT: 9.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 14855

Ion	Ratio	Lower	Upper
88	100		
43	34.7	34.8	52.2#
58	72.1	59.8	89.6

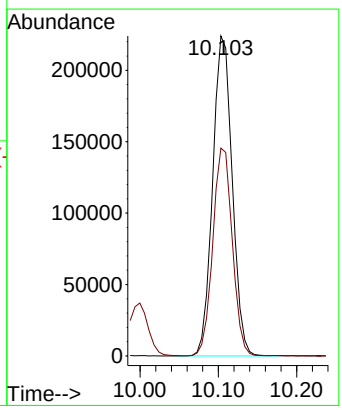


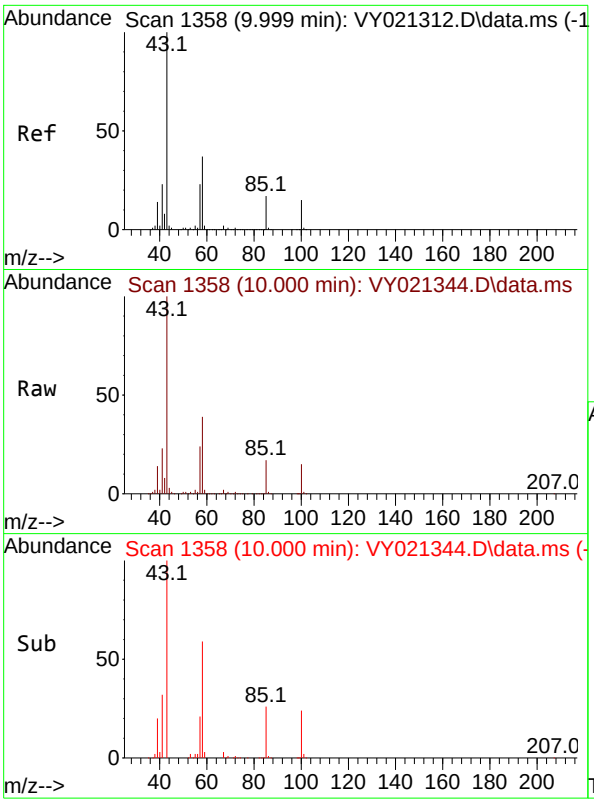


#50
Toluene-d8
Concen: 44.650 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 98 Resp: 388525

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.4	78.6



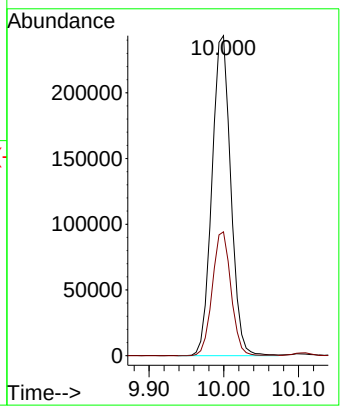


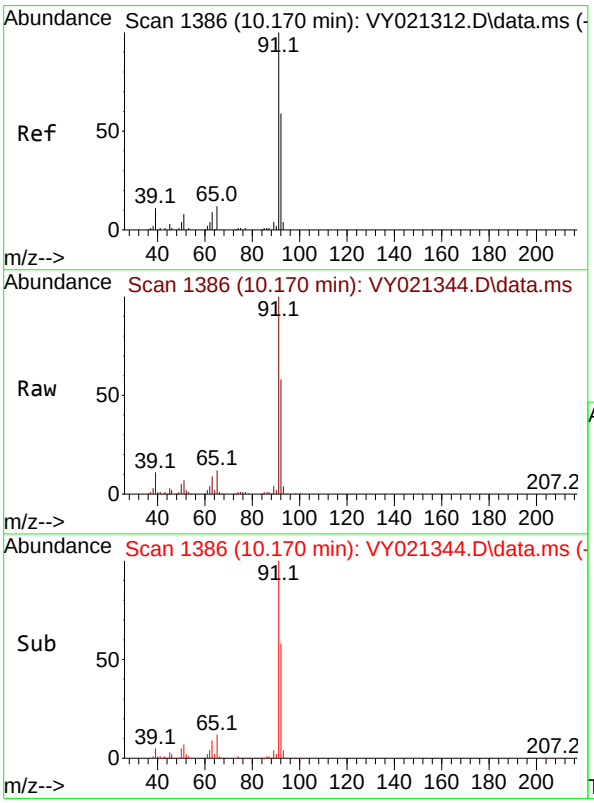
#51
4-Methyl-2-Pentanone
Concen: 254.988 ug/l
RT: 10.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 425033

Ion	Ratio	Lower	Upper
43	100		
58	38.5	30.1	45.1

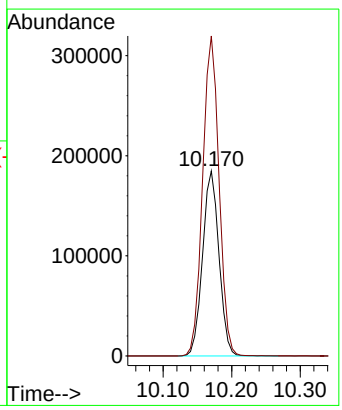


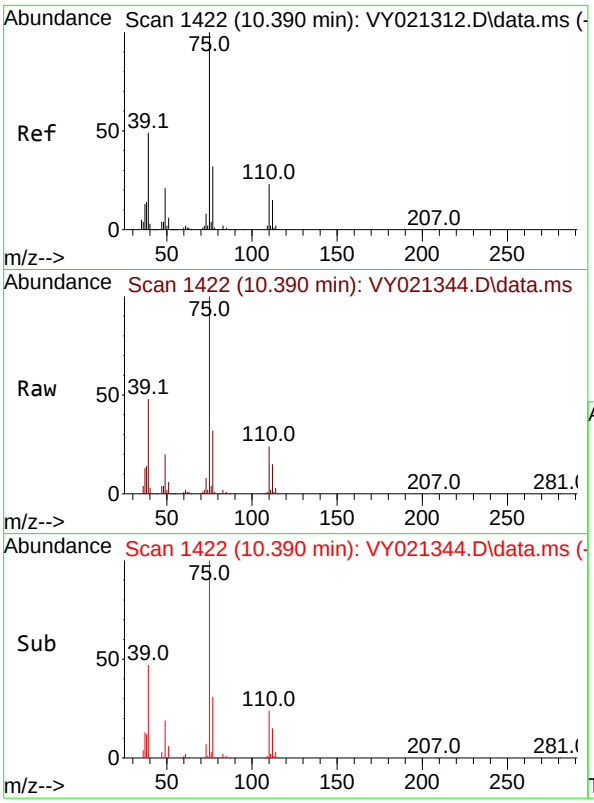


#52
Toluene
Concen: 49.585 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 92 Resp: 307967

Ion	Ratio	Lower	Upper
92	100		
91	173.1	137.8	206.8



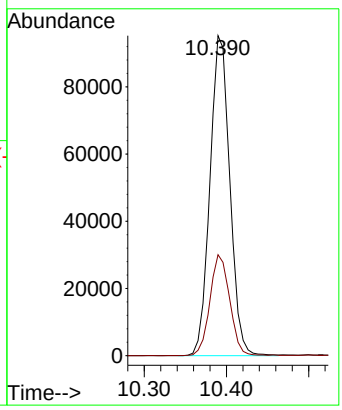


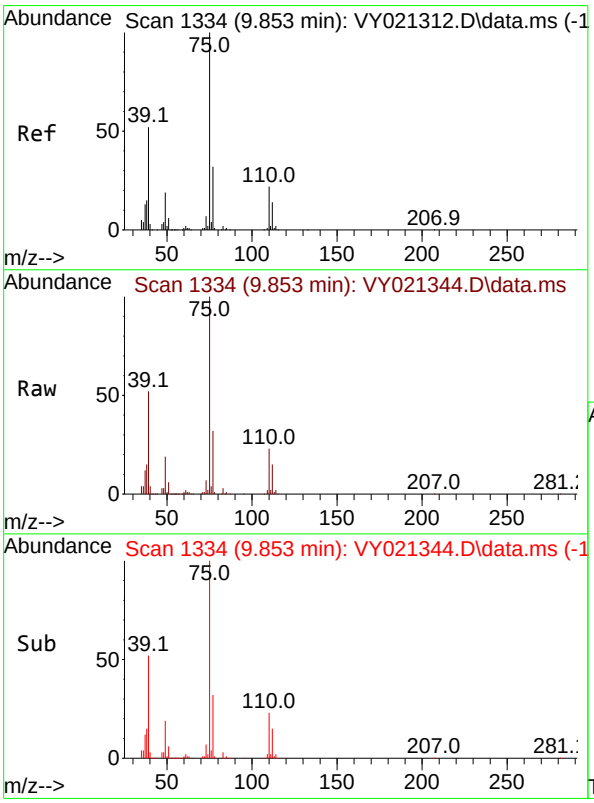
#53
t-1,3-Dichloropropene
Concen: 49.701 ug/l
RT: 10.390 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 159678

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.3	37.9

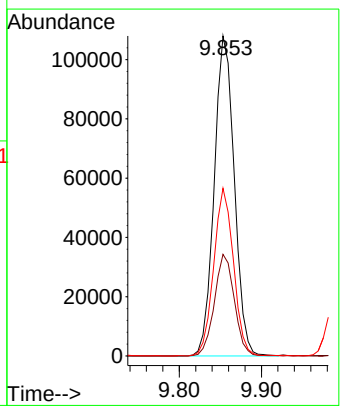


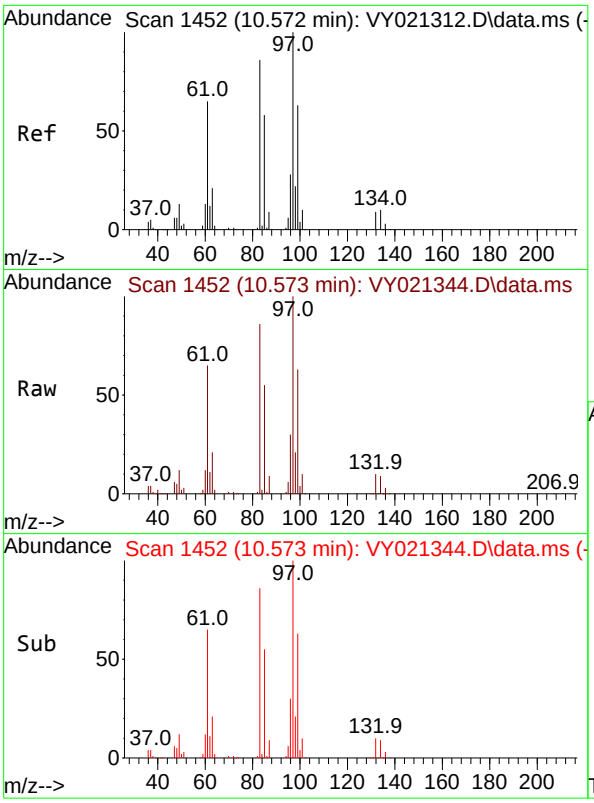


#54
cis-1,3-Dichloropropene
Concen: 48.340 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 75 Resp: 183344

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.7	38.5
39	52.3	41.8	62.6



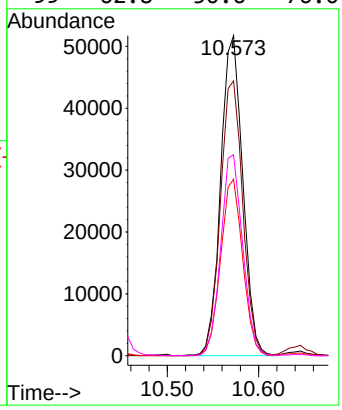


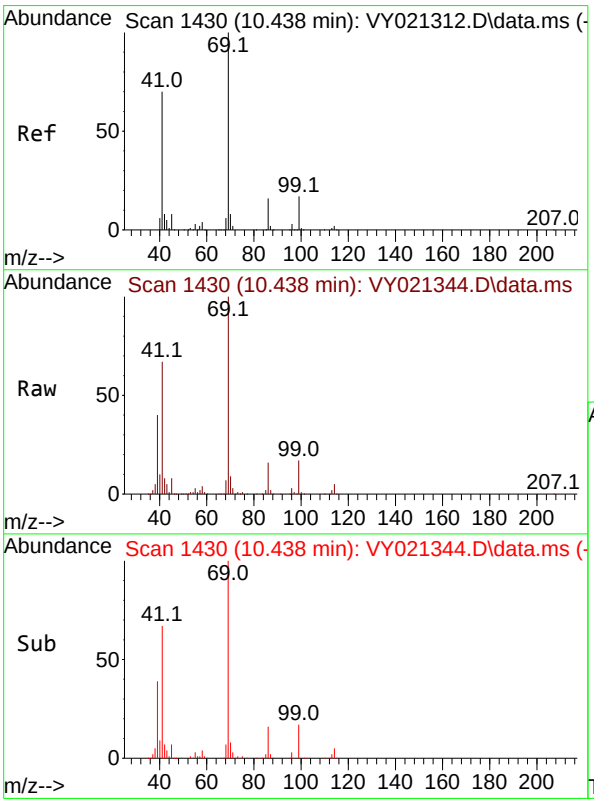
#55
1,1,2-Trichloroethane
Concen: 50.858 ug/l
RT: 10.573 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 87133

Ion	Ratio	Lower	Upper
97	100		
83	85.9	68.7	103.1
85	55.1	46.3	69.5
99	62.8	50.6	76.0

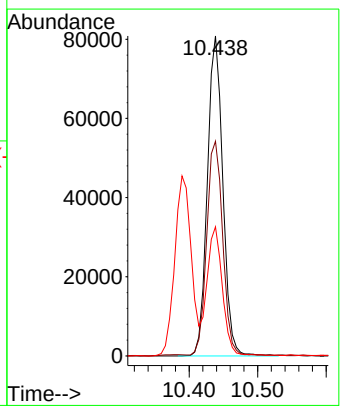


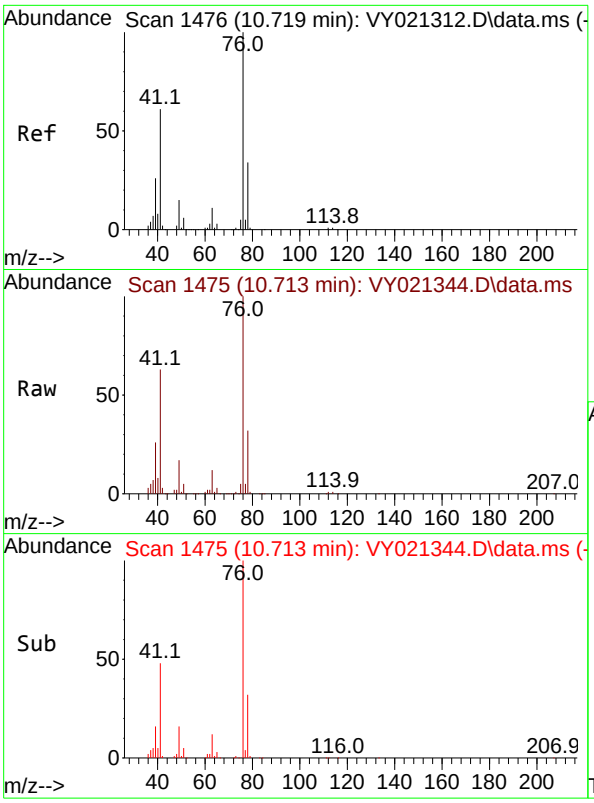


#56
Ethyl methacrylate
Concen: 53.738 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 69 Resp: 127215

Ion	Ratio	Lower	Upper
69	100		
41	68.8	56.2	84.4
39	40.0	32.7	49.1



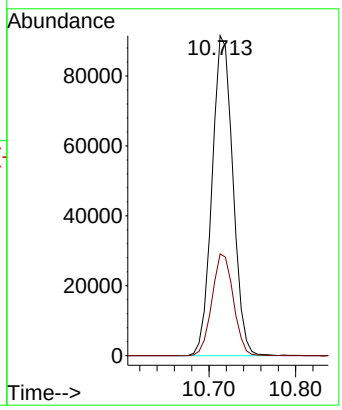


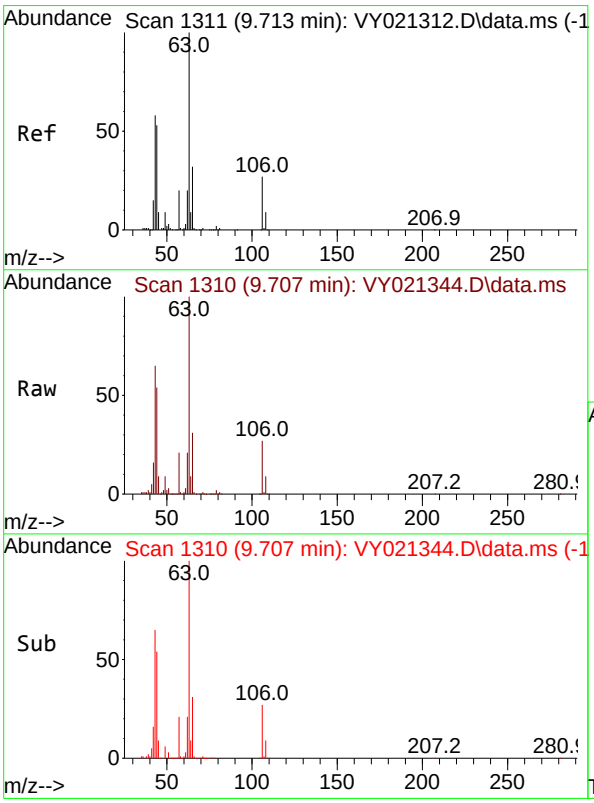
#57
1,3-Dichloropropane
Concen: 50.818 ug/l
RT: 10.713 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 152781

Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.9	38.9

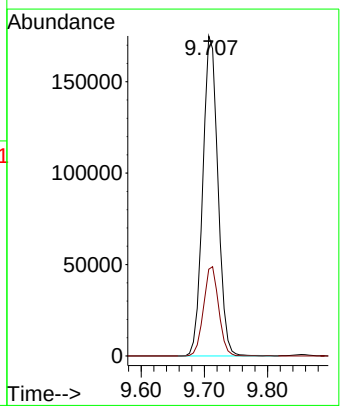


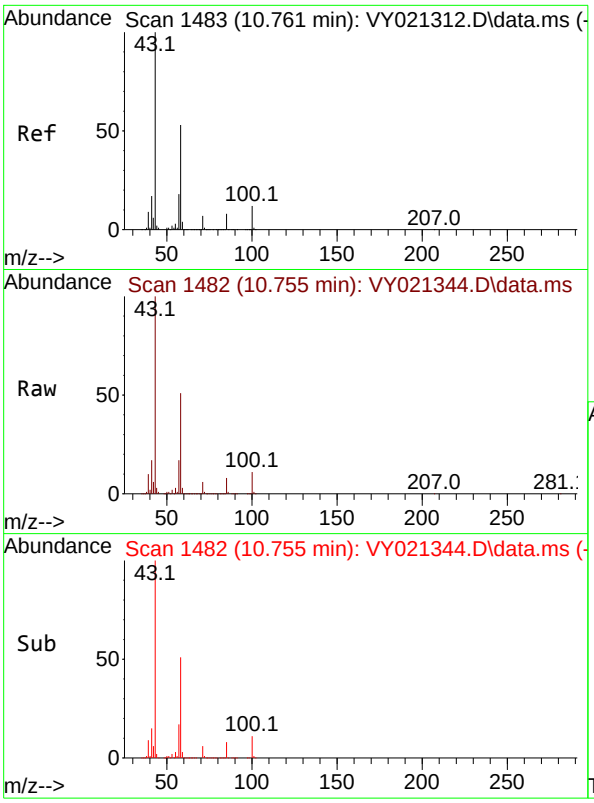


#58
2-Chloroethyl Vinyl ether
Concen: 257.068 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 63 Resp: 292101

Ion	Ratio	Lower	Upper
63	100		
106	27.9	21.7	32.5



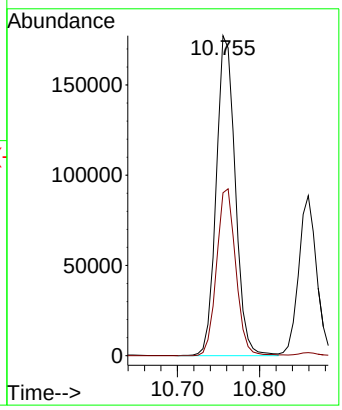


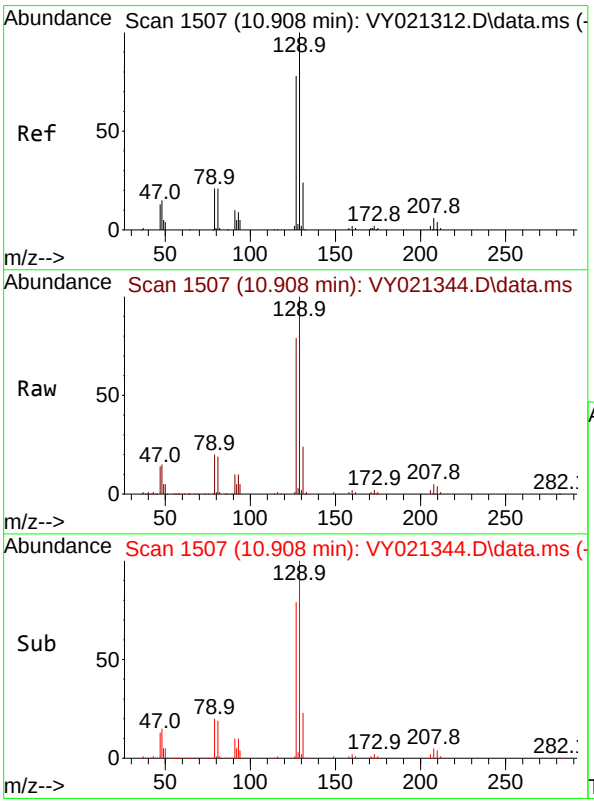
#59
2-Hexanone
Concen: 260.462 ug/l
RT: 10.755 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 285133

Ion	Ratio	Lower	Upper
43	100		
58	52.7	25.9	77.6

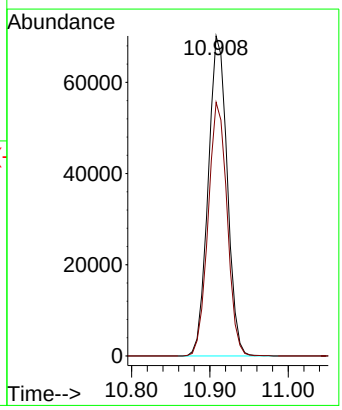


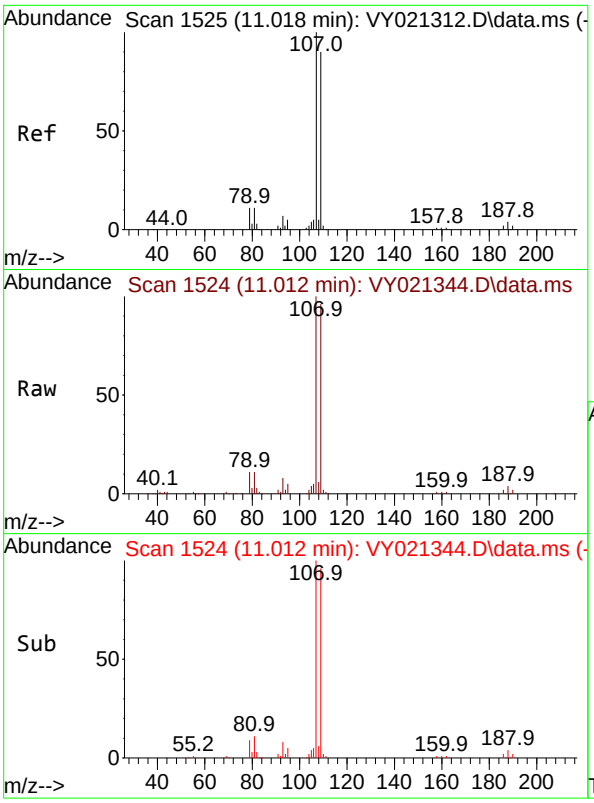


#60
Dibromochloromethane
Concen: 50.788 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:129 Resp: 118508

Ion	Ratio	Lower	Upper
129	100		
127	78.8	38.8	116.4



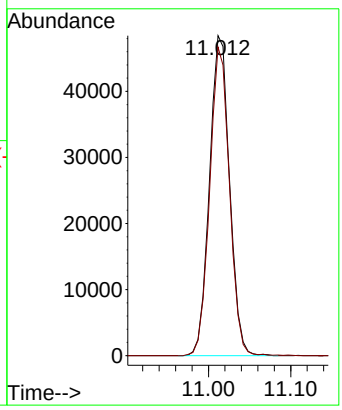


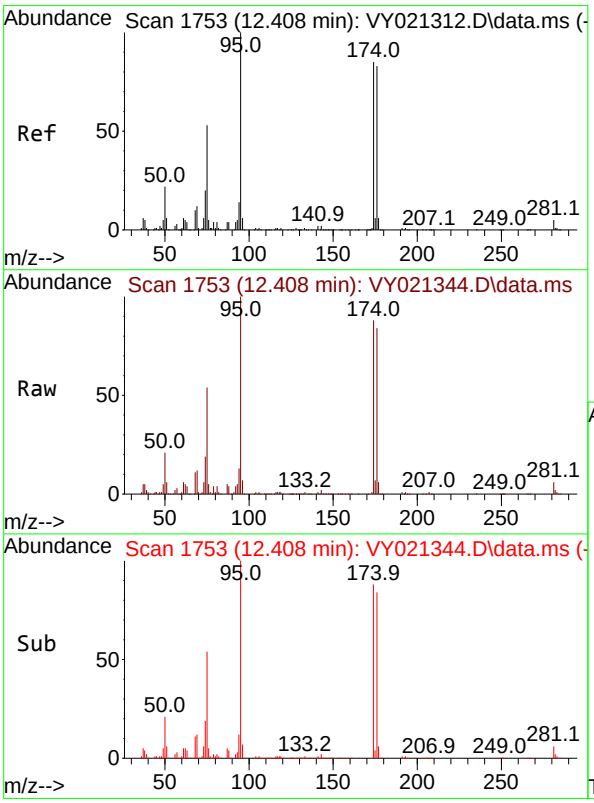
#61
1,2-Dibromoethane
Concen: 50.586 ug/l
RT: 11.012 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 82050

Ion	Ratio	Lower	Upper
107	100		
109	94.7	73.8	110.8

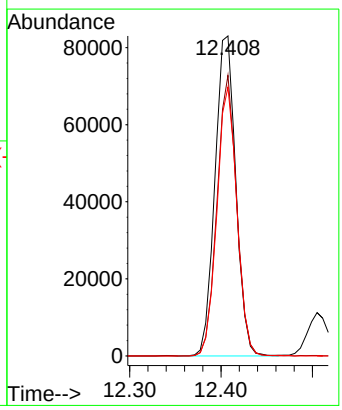


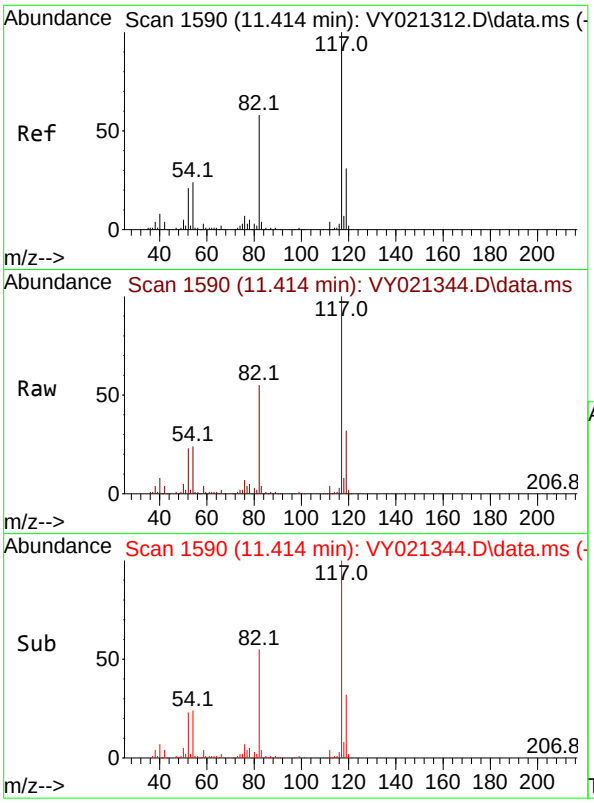


#62
4-Bromofluorobenzene
Concen: 44.933 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 95 Resp: 131584

Ion	Ratio	Lower	Upper
95	100		
174	82.7	0.0	168.0
176	80.5	0.0	162.6



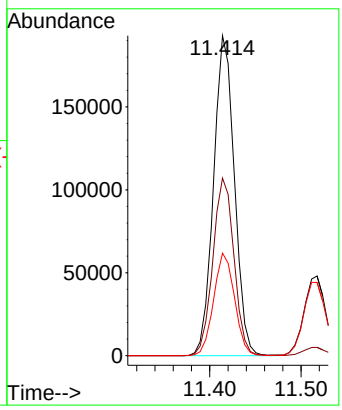


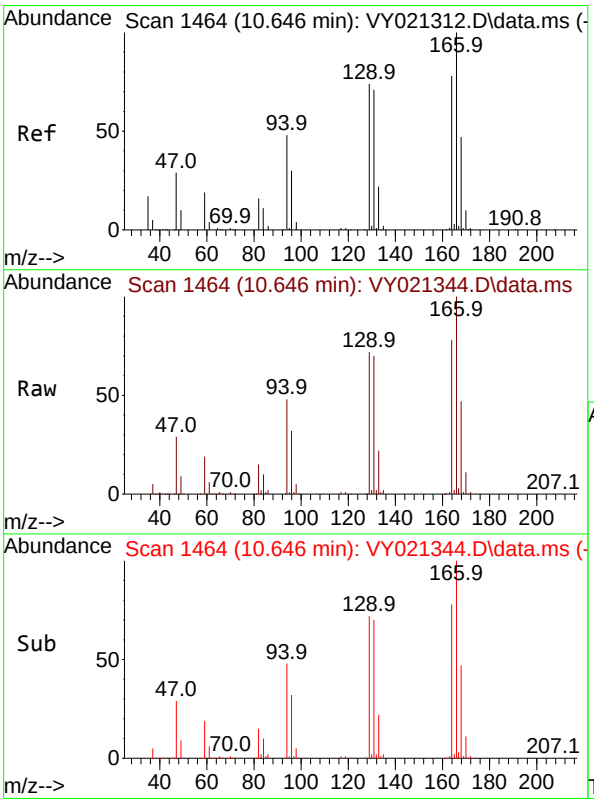
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 305969

Ion	Ratio	Lower	Upper
117	100		
82	55.5	46.2	69.4
119	32.0	24.9	37.3

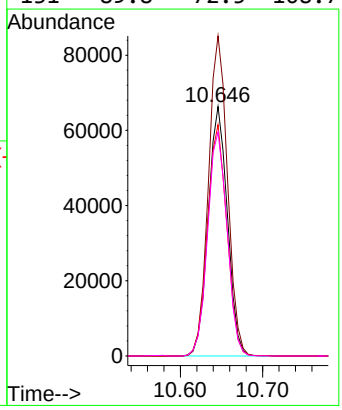


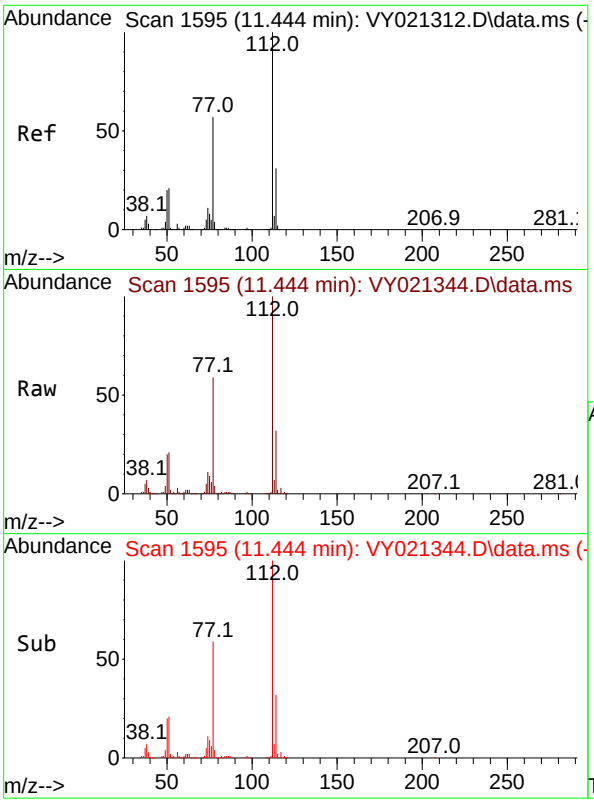


#64
Tetrachloroethene
Concen: 46.783 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:164 Resp: 108193

Ion	Ratio	Lower	Upper
164	100		
166	128.3	101.9	152.9
129	92.7	75.5	113.3
131	89.8	72.5	108.7



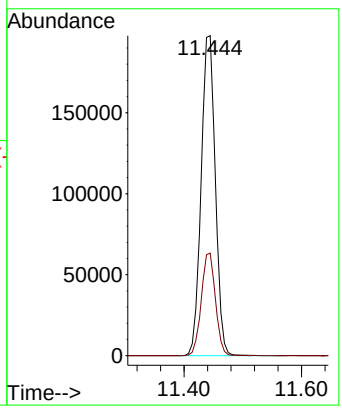


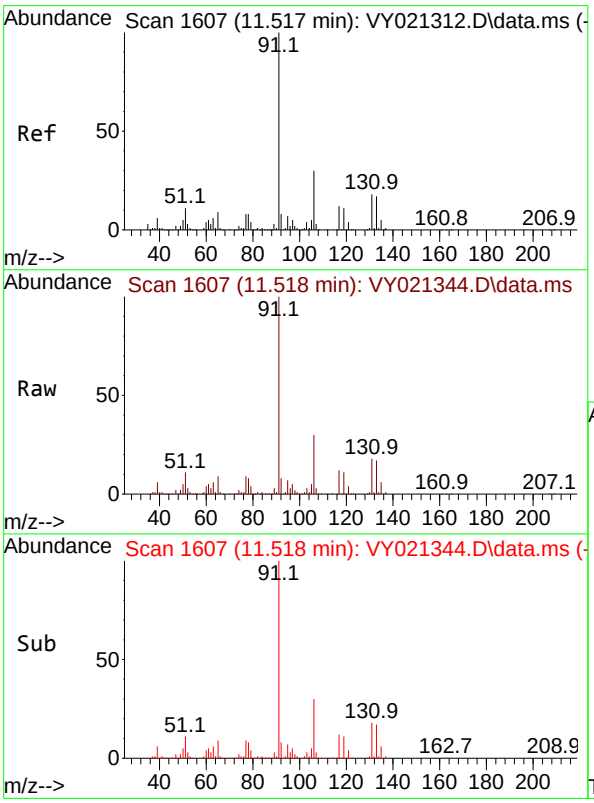
#65
Chlorobenzene
Concen: 48.330 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 331937

Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.0	37.6

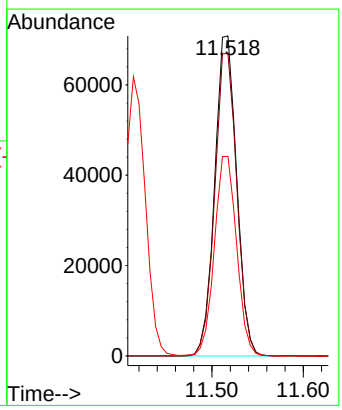


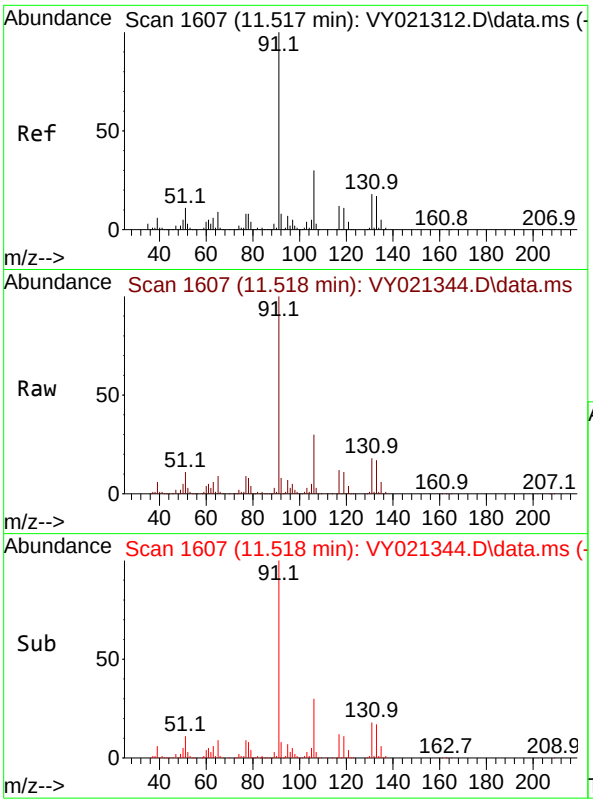


#66
1,1,1,2-Tetrachloroethane
Concen: 49.313 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:131 Resp: 118595

Ion	Ratio	Lower	Upper
131	100		
133	95.1	47.9	143.6
119	63.2	31.7	95.1



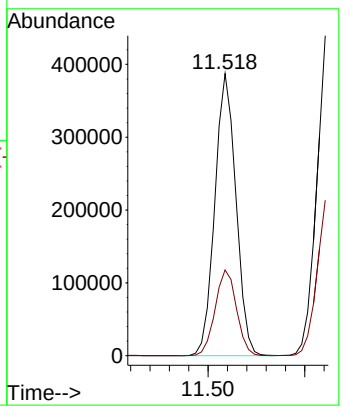


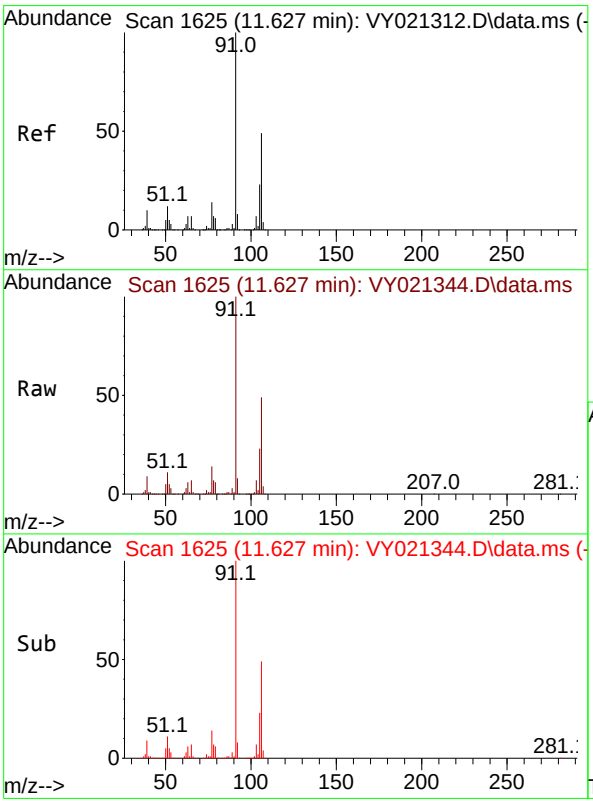
#67
Ethyl Benzene
Concen: 48.106 ug/l
RT: 11.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 585231

Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.4	36.6

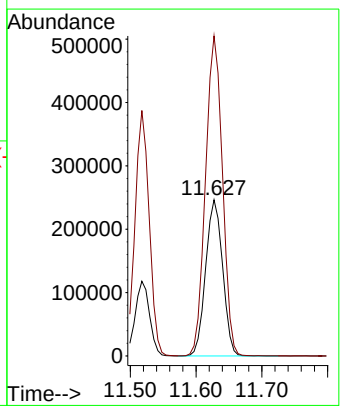


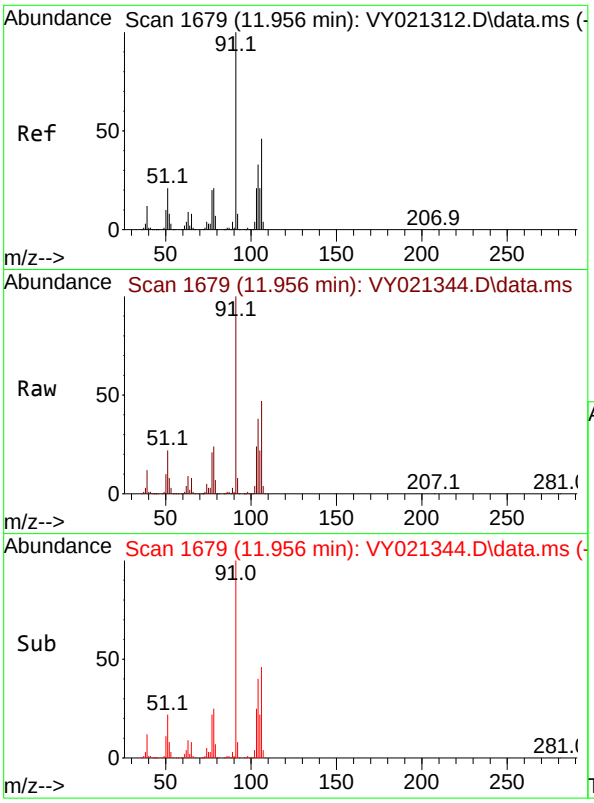


#68
m/p-Xylenes
Concen: 96.556 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:106 Resp: 441830

Ion	Ratio	Lower	Upper
106	100		
91	205.2	163.9	245.9



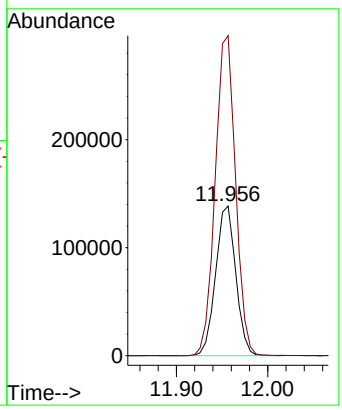


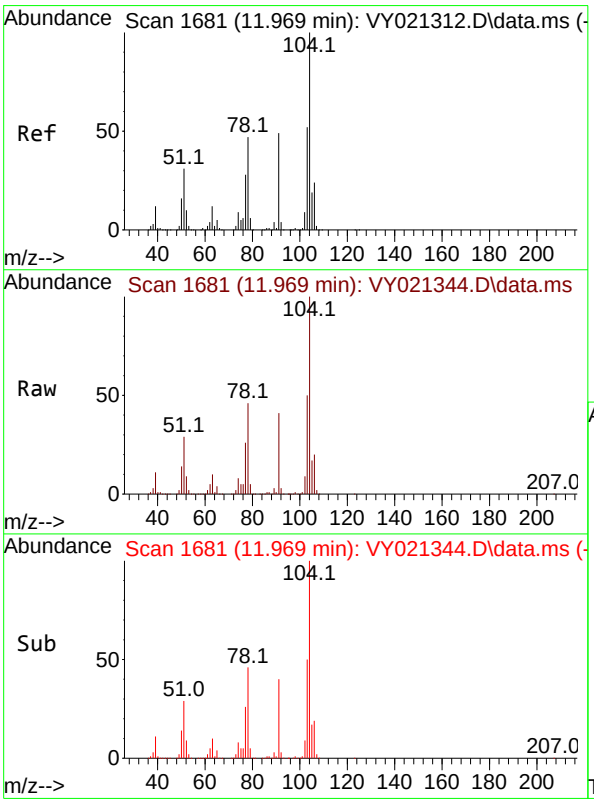
#69
o-Xylene
Concen: 49.544 ug/l
RT: 11.956 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 212382

Ion	Ratio	Lower	Upper
106	100		
91	216.1	108.1	324.2

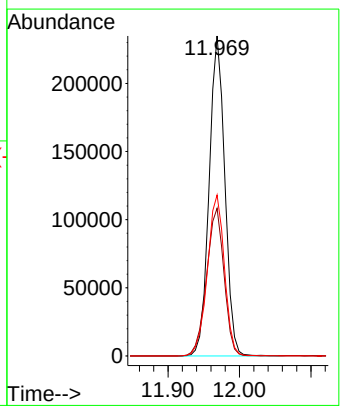


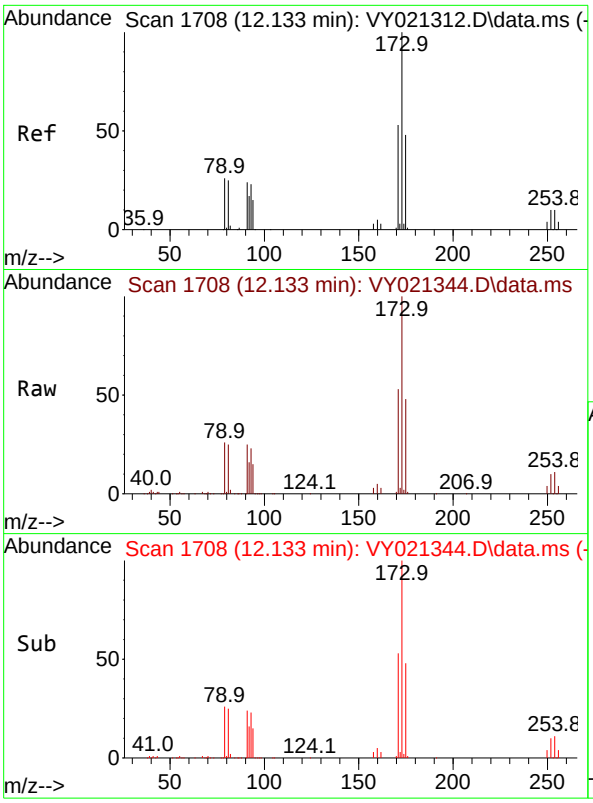


#70
Styrene
Concen: 50.170 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:104 Resp: 357830

Ion	Ratio	Lower	Upper
104	100		
78	51.4	41.3	61.9
103	54.8	43.9	65.9



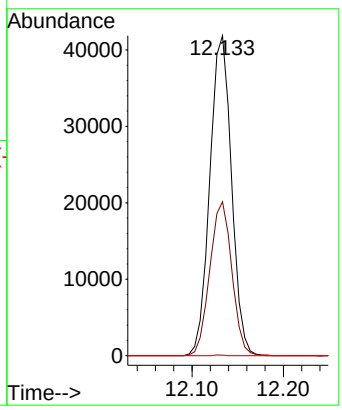


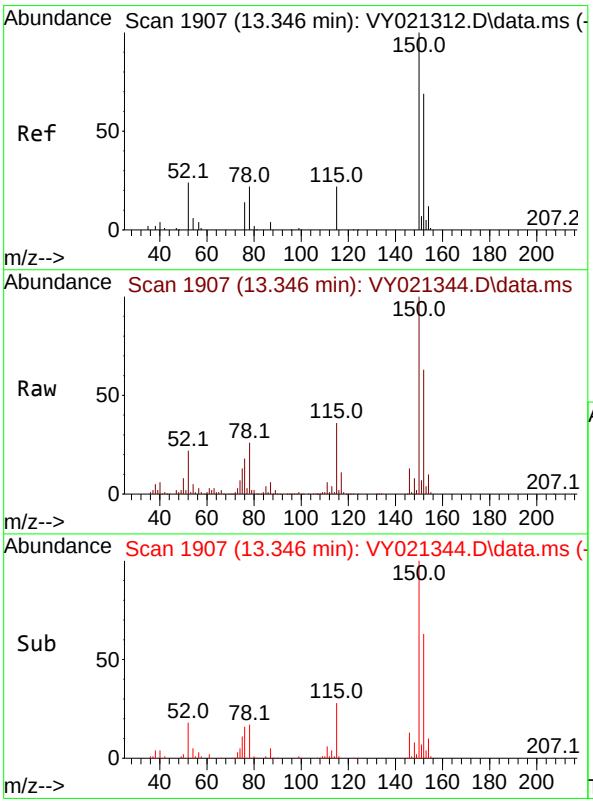
#71
Bromoform
Concen: 50.071 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 68887

Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.1	72.3
254	0.1	0.1	0.1

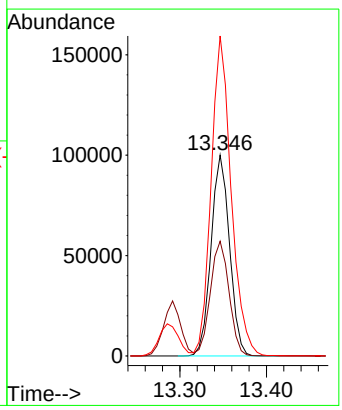


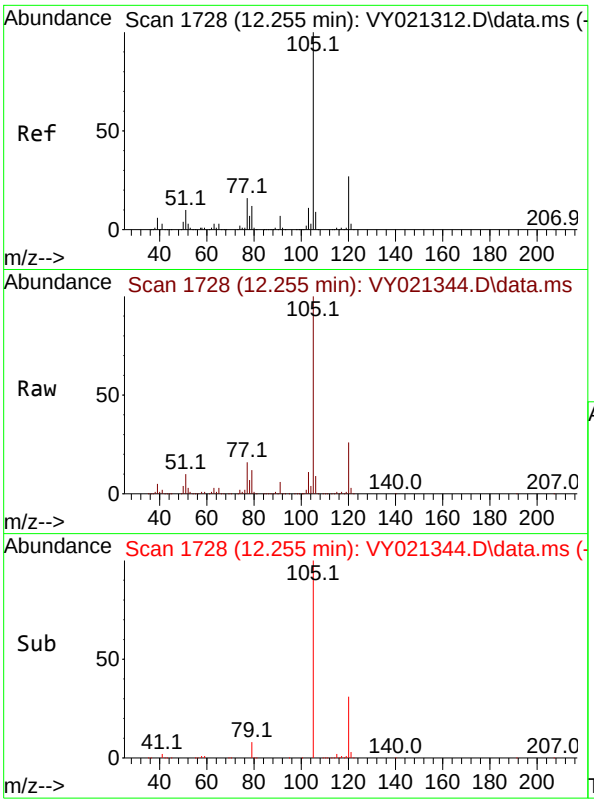


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:152 Resp: 148168

Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.3	88.0
150	173.1	0.0	347.4



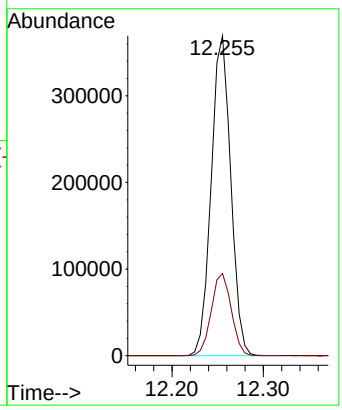


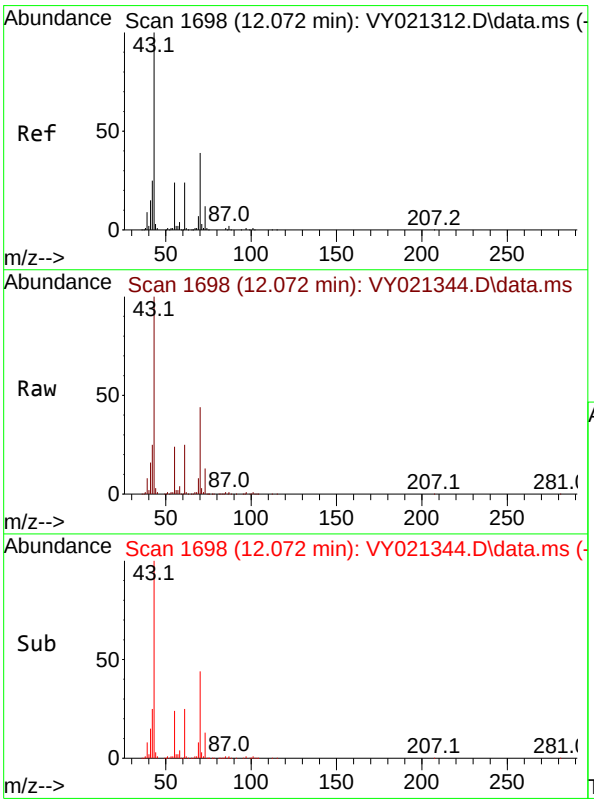
#73
Isopropylbenzene
Concen: 49.240 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 548496

Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.3	39.8

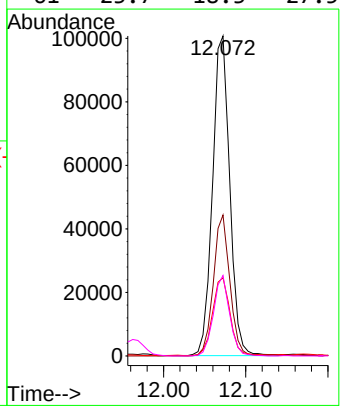


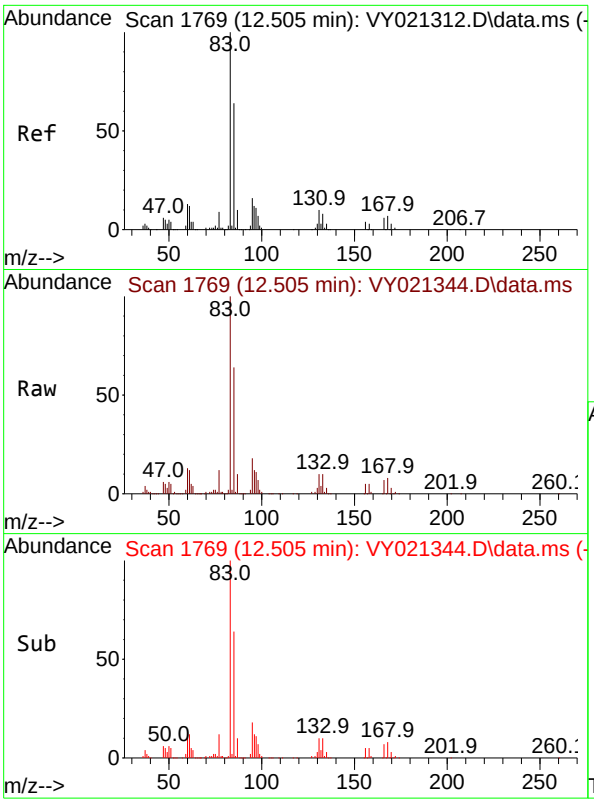


#74
N-amyl acetate
Concen: 51.825 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 43 Resp: 146735

Ion	Ratio	Lower	Upper
43	100		
70	42.1	32.2	48.2
55	24.8	19.6	29.4
61	23.7	18.3	27.5



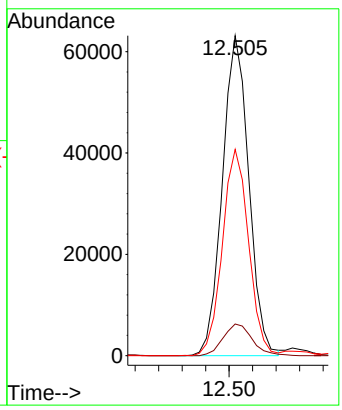


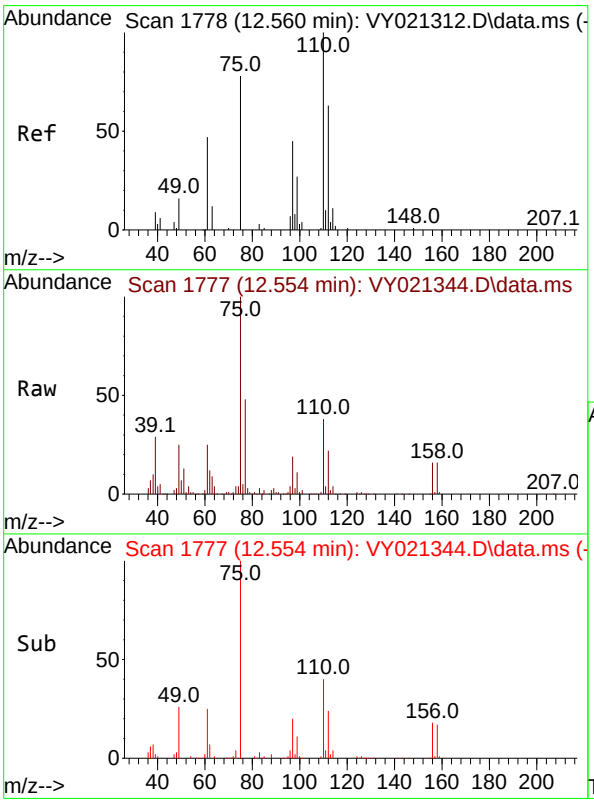
#75
1,1,2,2-Tetrachloroethane
Concen: 50.176 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 98641

Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.2	15.6
85	64.0	32.0	96.0

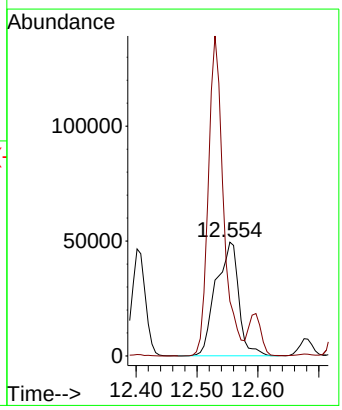


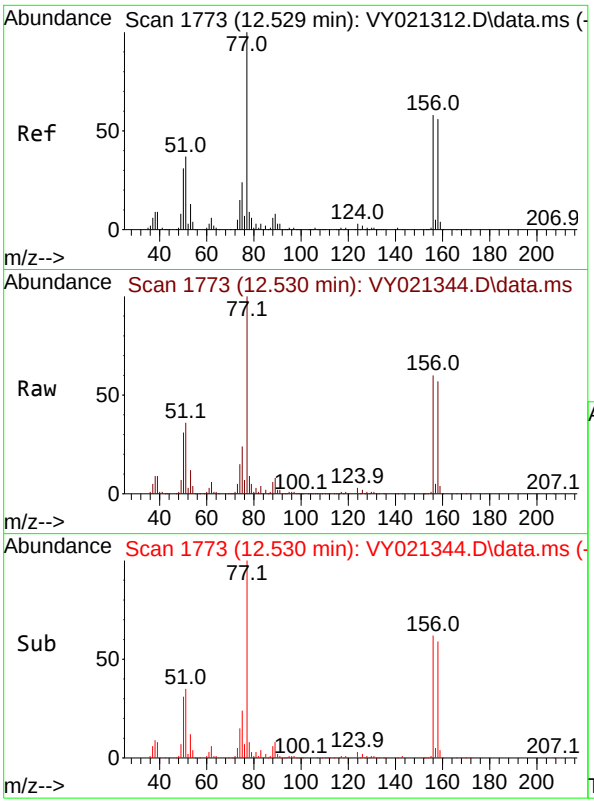


#76
1,2,3-Trichloropropane
Concen: 86.792 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 75 Resp: 128720

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



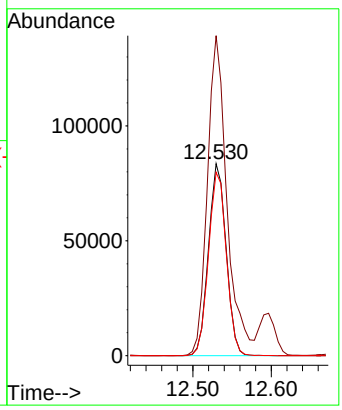


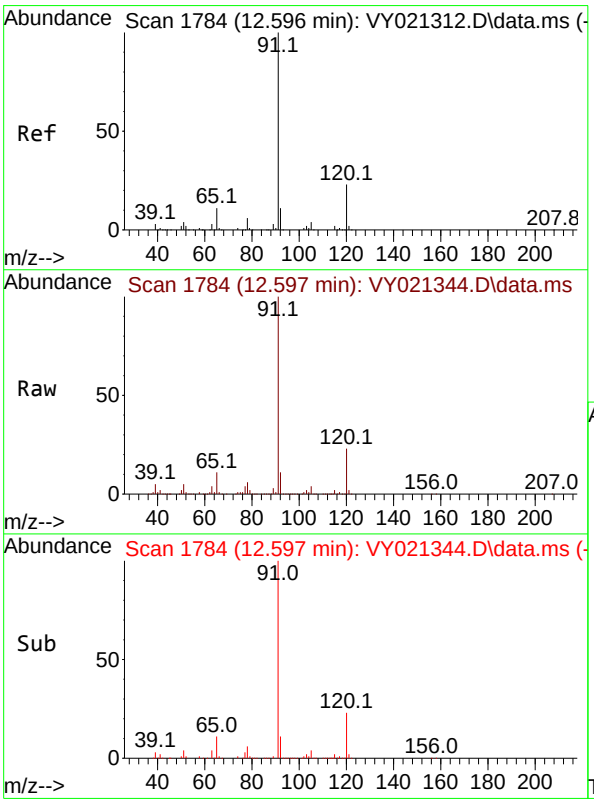
#77
Bromobenzene
Concen: 50.469 ug/l
RT: 12.530 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 130762

Ion	Ratio	Lower	Upper
156	100		
77	184.7	94.0	282.1
158	96.6	48.7	146.1

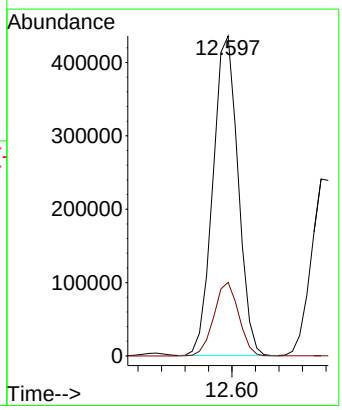


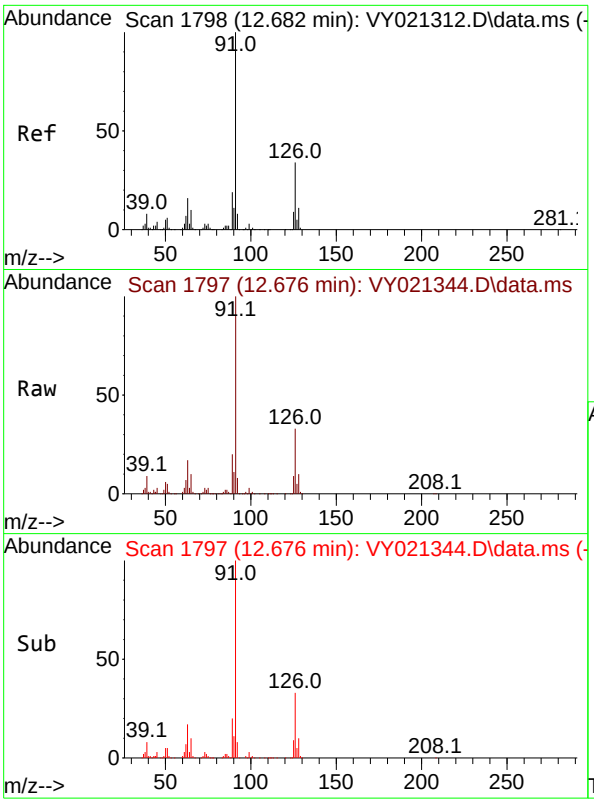


#78
n-propylbenzene
Concen: 47.897 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 91 Resp: 647434

Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.2	33.5



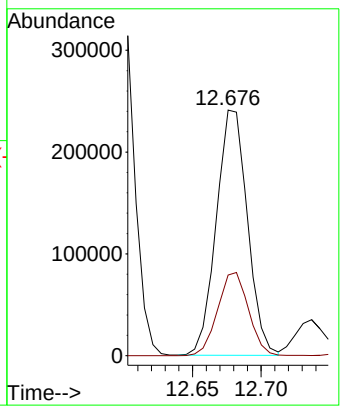


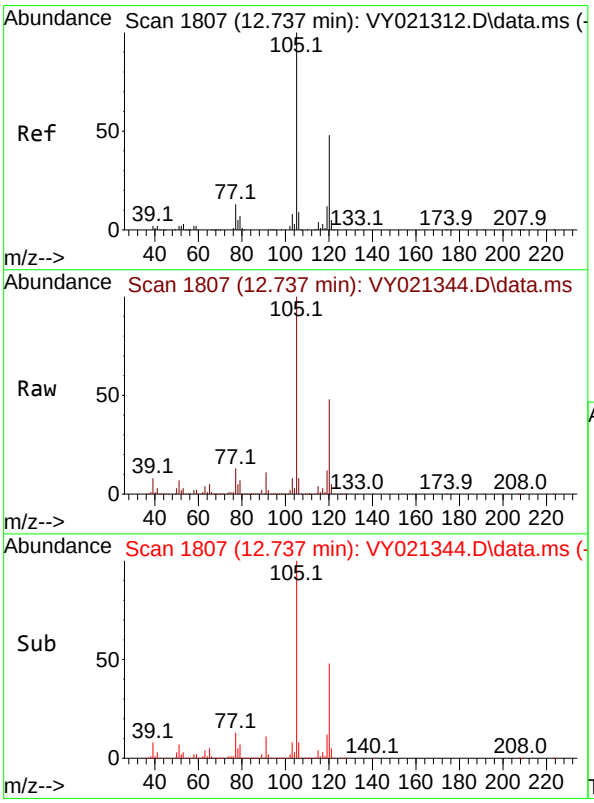
#79
2-Chlorotoluene
Concen: 49.187 ug/l
RT: 12.676 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 381569

Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.9	50.6

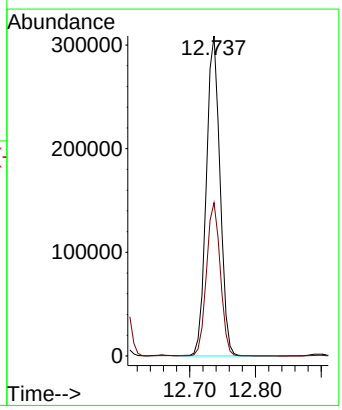


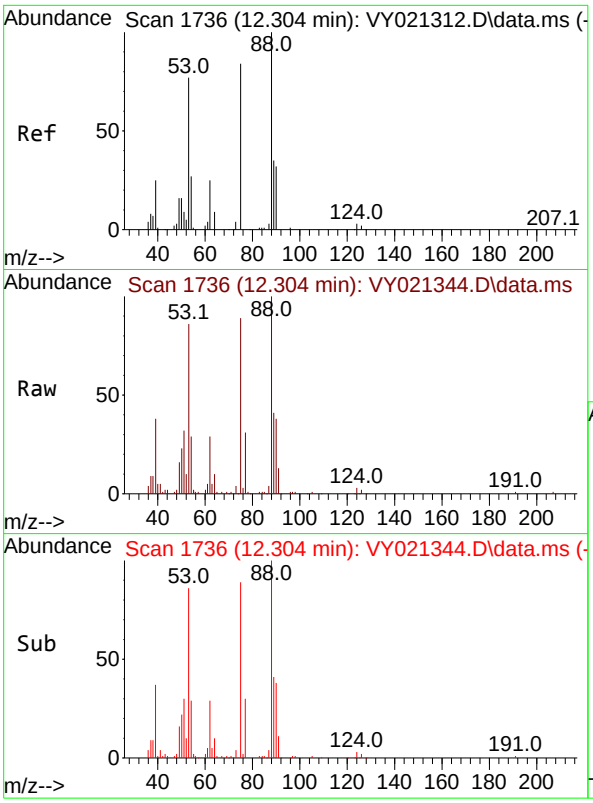


#80
1,3,5-Trimethylbenzene
Concen: 49.048 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:105 Resp: 448101

Ion	Ratio	Lower	Upper
105	100		
120	48.3	24.3	73.0



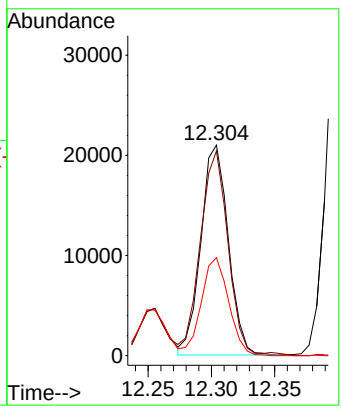


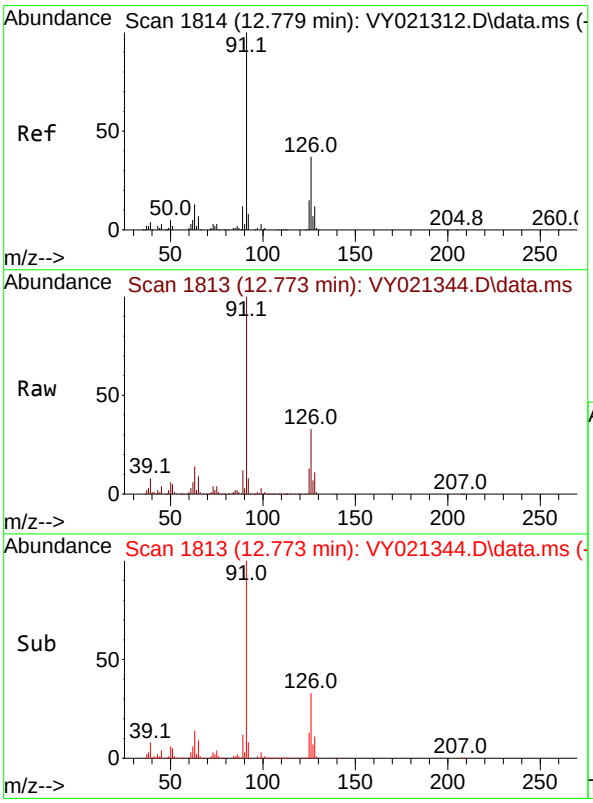
#81
trans-1,4-Dichloro-2-butene
Concen: 47.460 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 31668

Ion	Ratio	Lower	Upper
75	100		
53	95.9	79.1	118.7
89	46.7	35.6	53.4

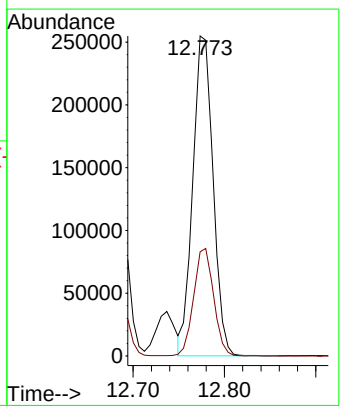


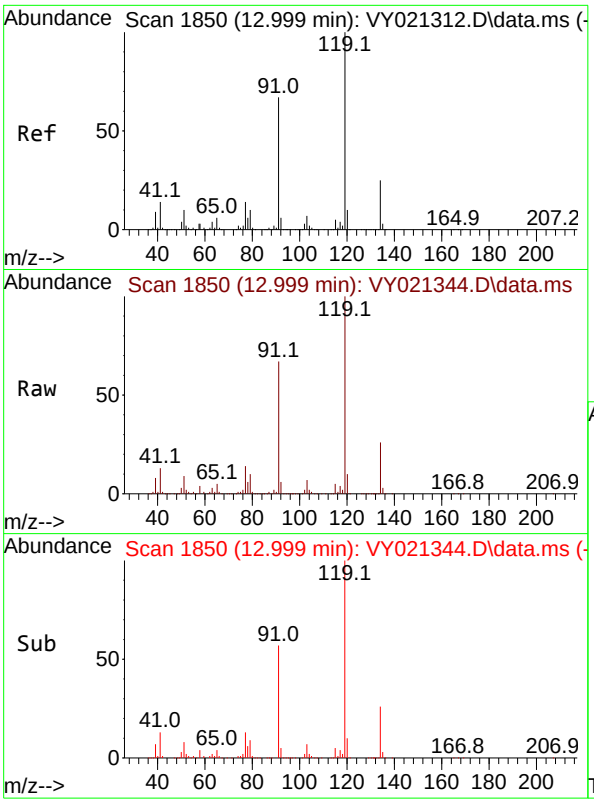


#82
4-Chlorotoluene
Concen: 48.755 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 91 Resp: 392065

Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.8	50.4



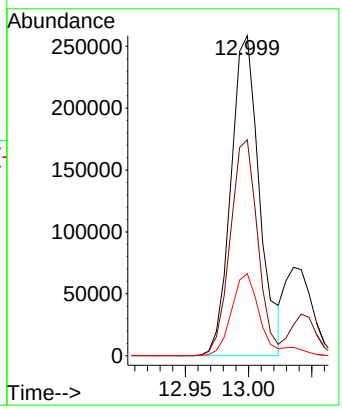


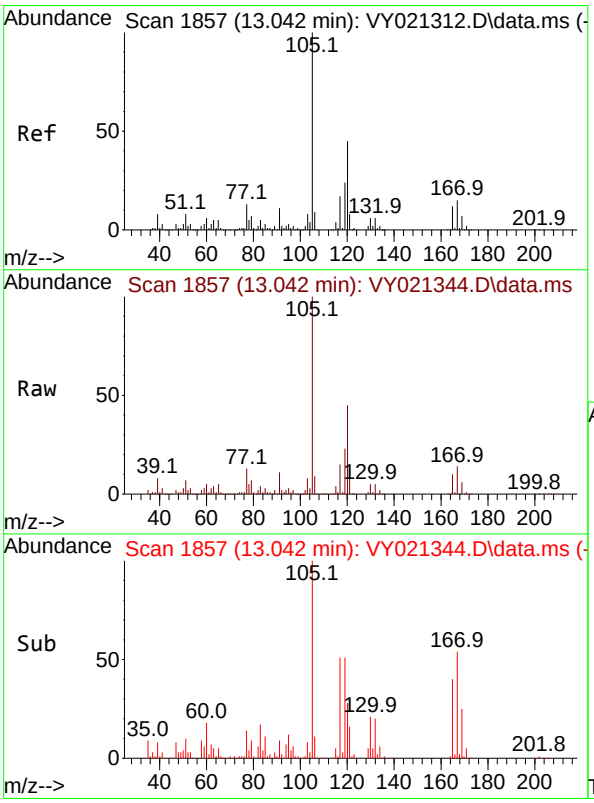
#83
tert-Butylbenzene
Concen: 49.124 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 405401

Ion	Ratio	Lower	Upper
119	100		
91	65.0	32.7	98.1
134	26.5	13.3	39.9

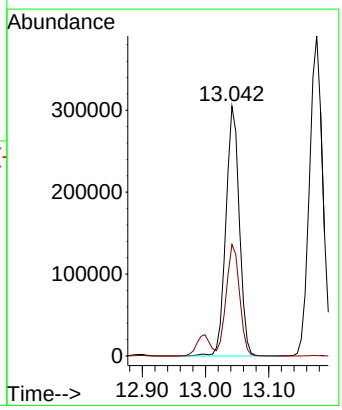


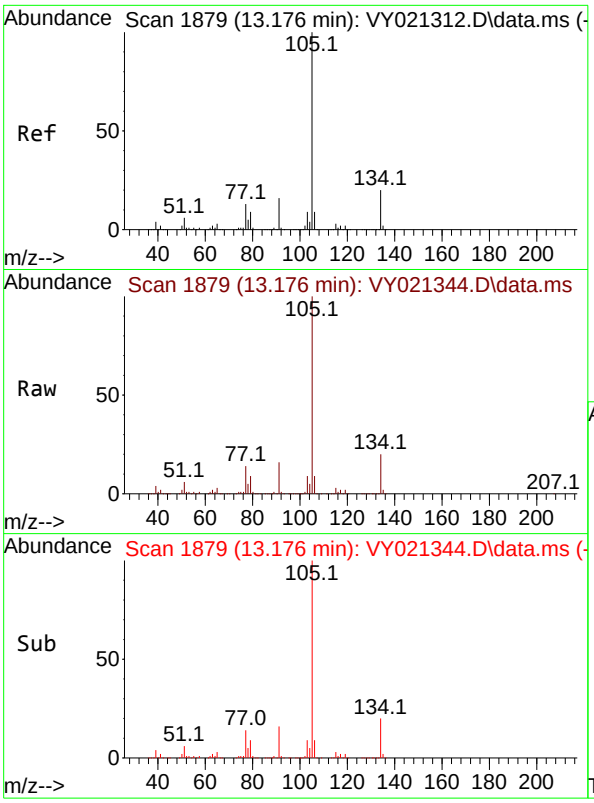


#84
1,2,4-Trimethylbenzene
Concen: 49.422 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:105 Resp: 449054

Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.4	67.3



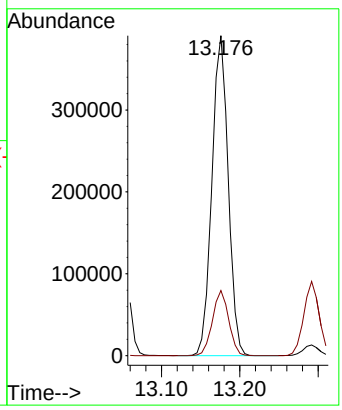


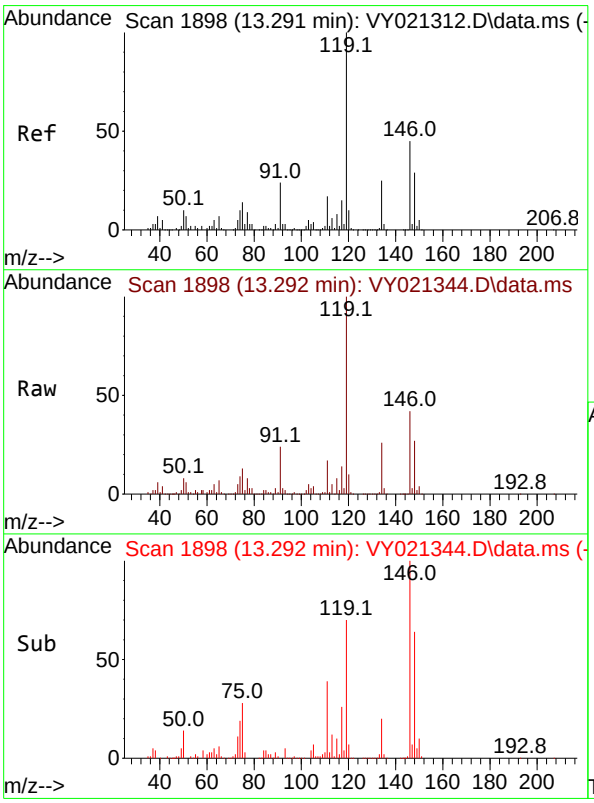
#85
sec-Butylbenzene
Concen: 46.848 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 564734

Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.0	30.0

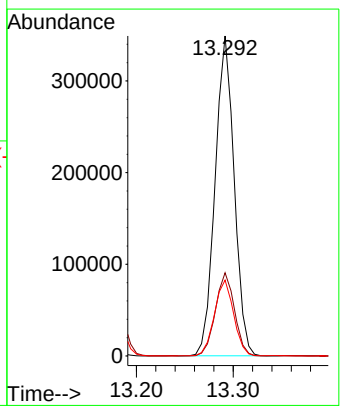


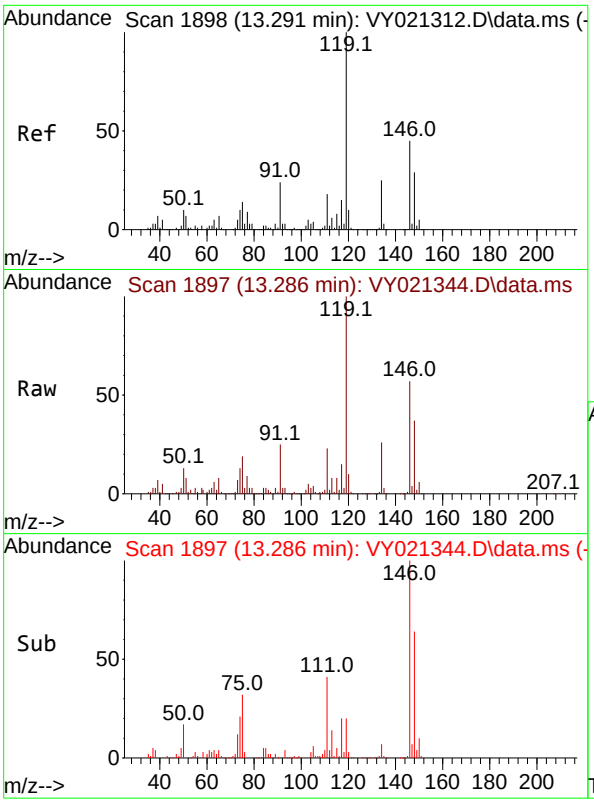


#86
p-Isopropyltoluene
Concen: 47.399 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:119 Resp: 477095

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.0	38.9
91	23.9	12.0	36.1



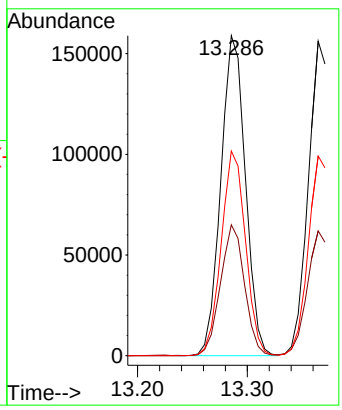


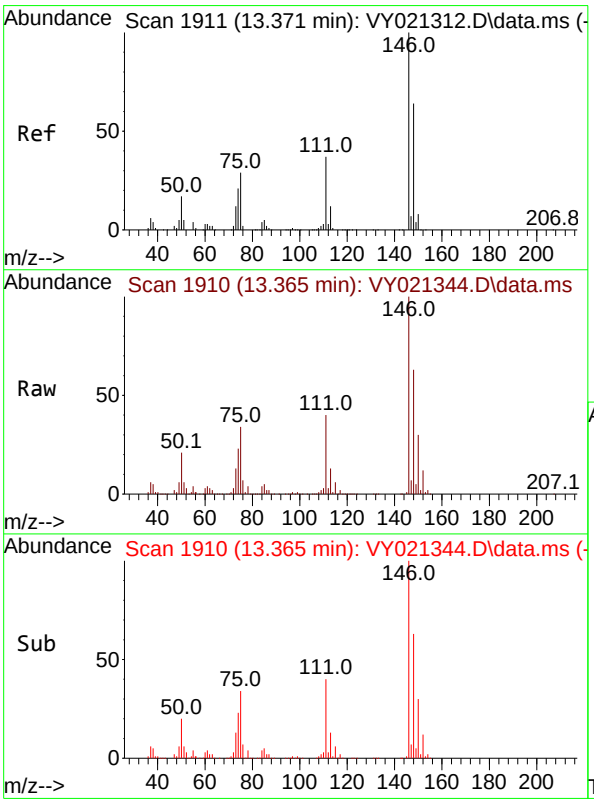
#87
1,3-Dichlorobenzene
Concen: 48.238 ug/l
RT: 13.286 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 247228

Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	59.9
148	63.3	31.9	95.9

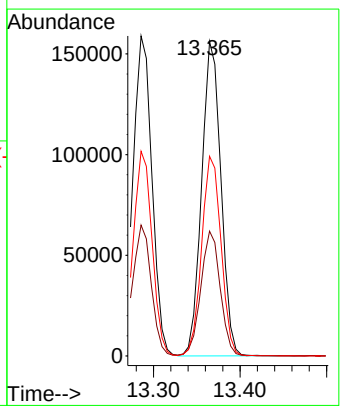


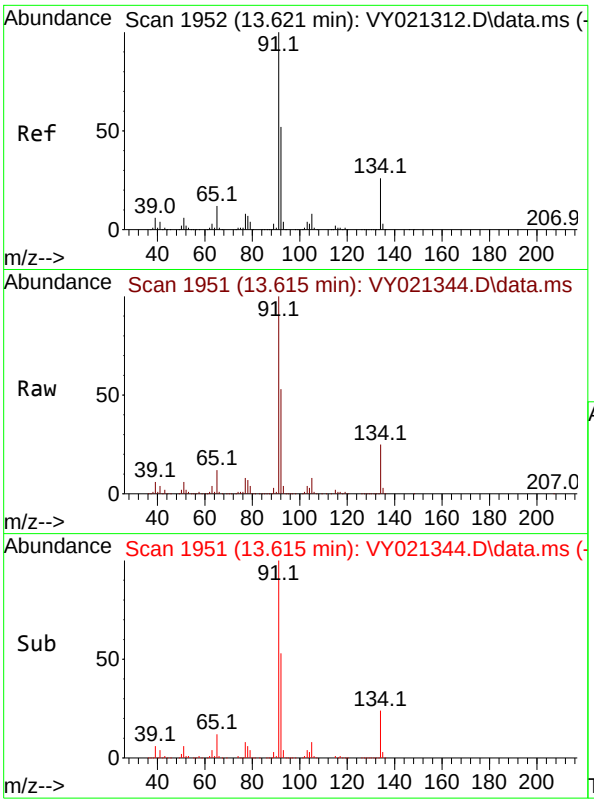


#88
1,4-Dichlorobenzene
Concen: 47.661 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:146 Resp: 241313

Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.5	58.5
148	64.0	32.0	96.2



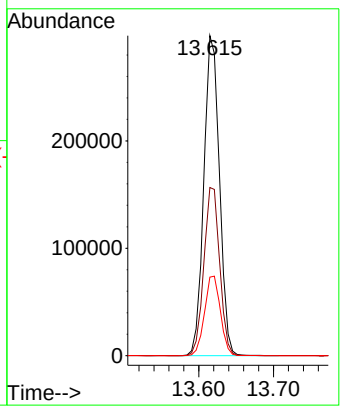


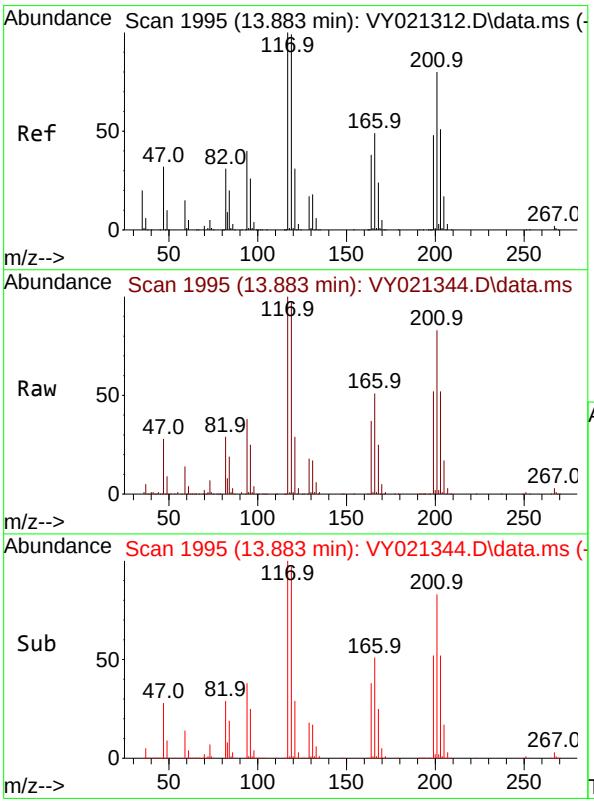
#89
n-Butylbenzene
Concen: 45.583 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 431776

Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.4	79.2
134	25.3	12.7	38.0

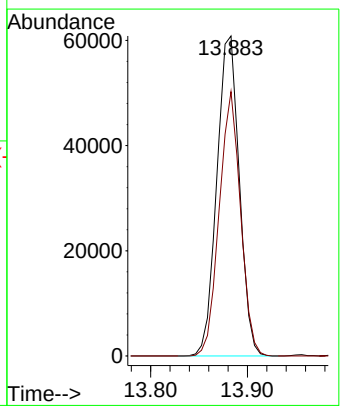


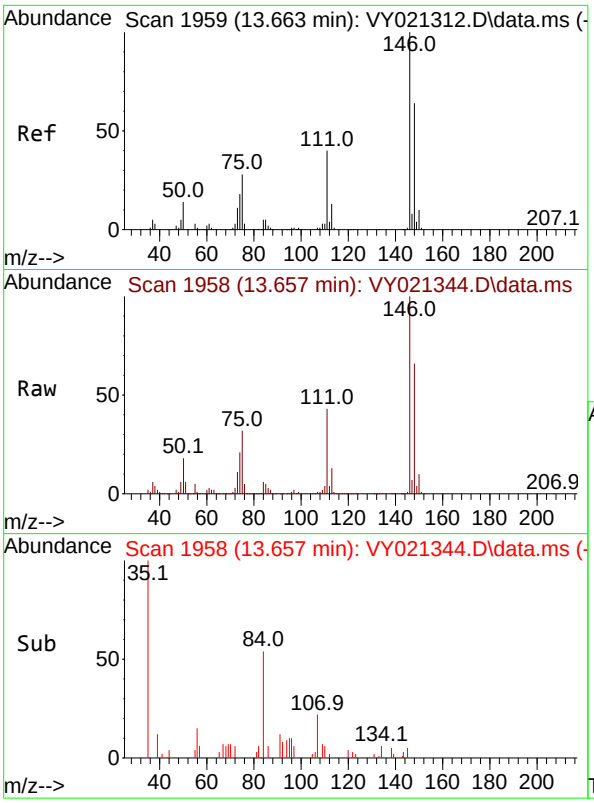


#90
Hexachloroethane
Concen: 46.606 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:117 Resp: 97989

Ion	Ratio	Lower	Upper
117	100		
201	78.2	38.4	115.2



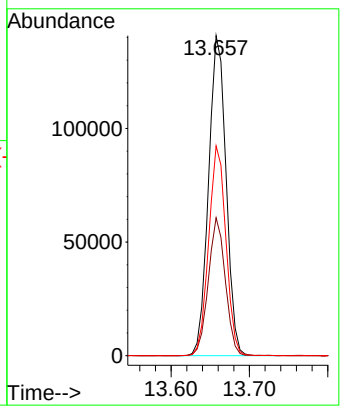


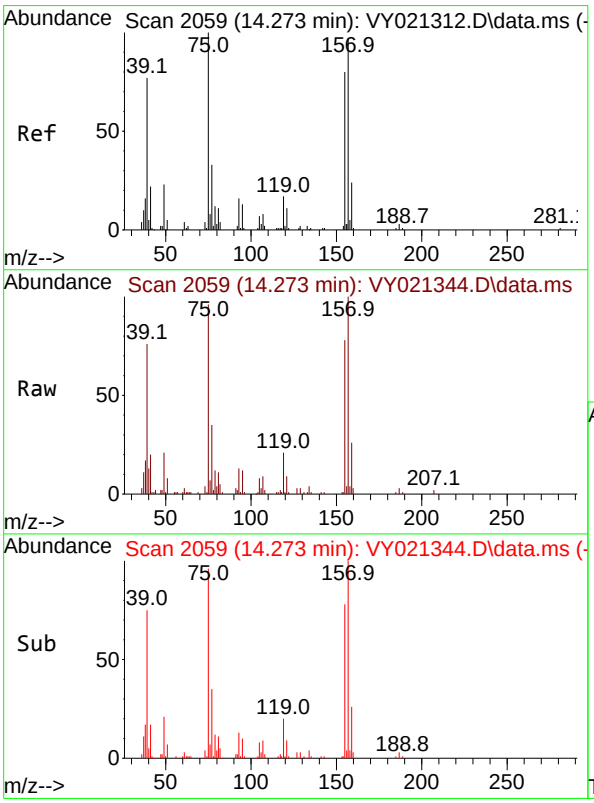
#91
1,2-Dichlorobenzene
Concen: 48.659 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 218493

Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.7	62.1
148	64.6	31.7	95.1

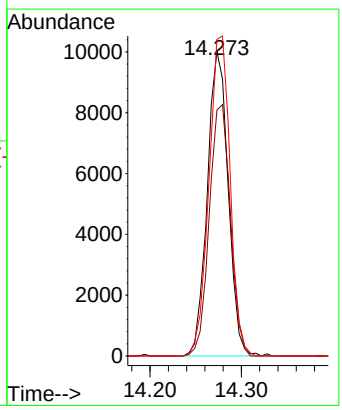


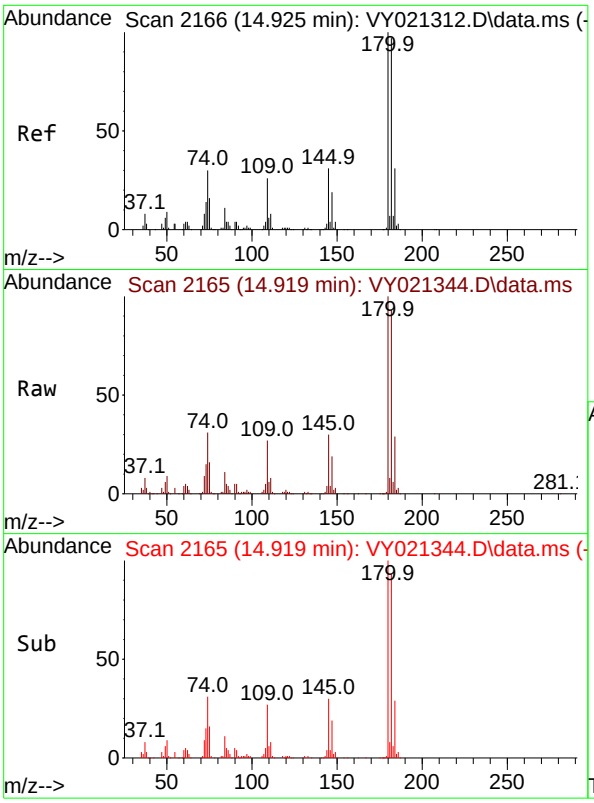


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.037 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 75 Resp: 15872

Ion	Ratio	Lower	Upper
75	100		
155	83.3	41.9	125.6
157	106.6	52.5	157.6



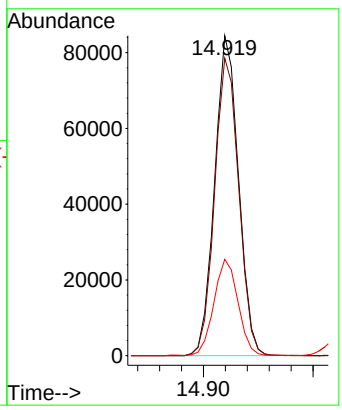


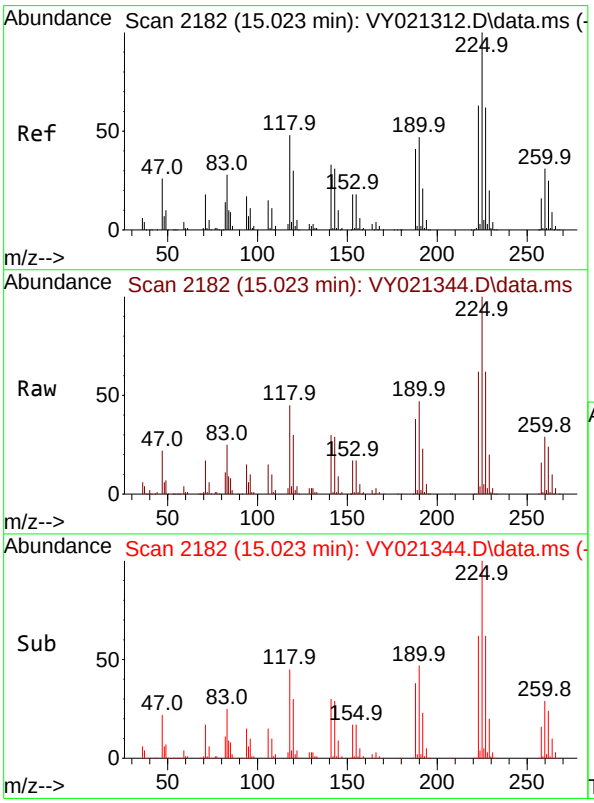
#93
1,2,4-Trichlorobenzene
Concen: 46.535 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 127534

Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.9	143.7
145	30.6	15.6	46.8

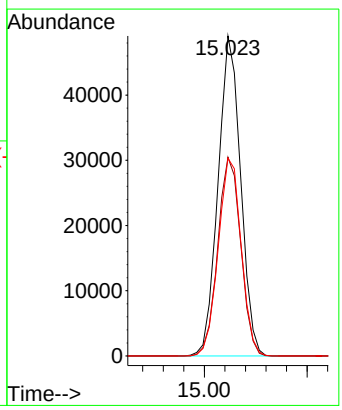


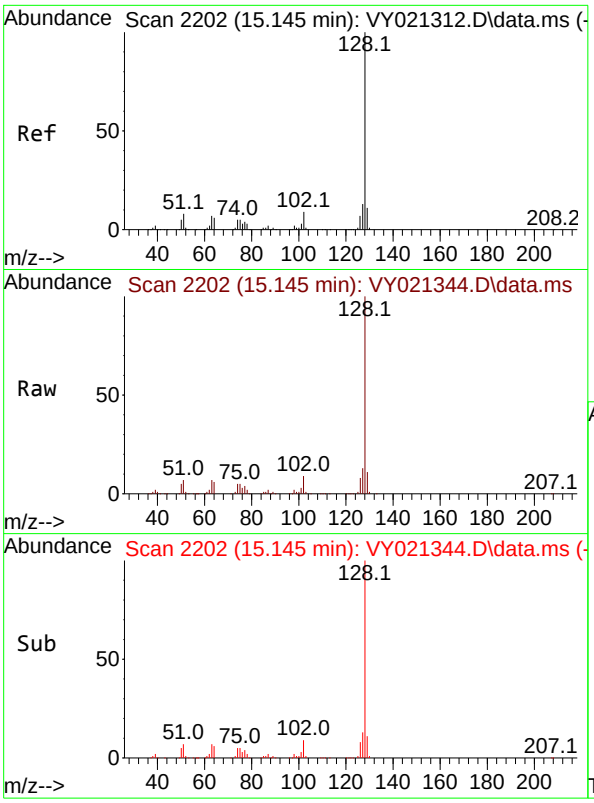


#94
Hexachlorobutadiene
Concen: 43.221 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:225 Resp: 74574

Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.8	95.4
227	63.0	31.9	95.7



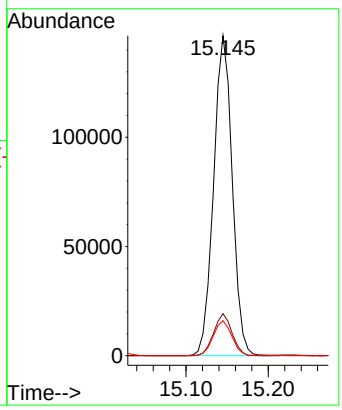


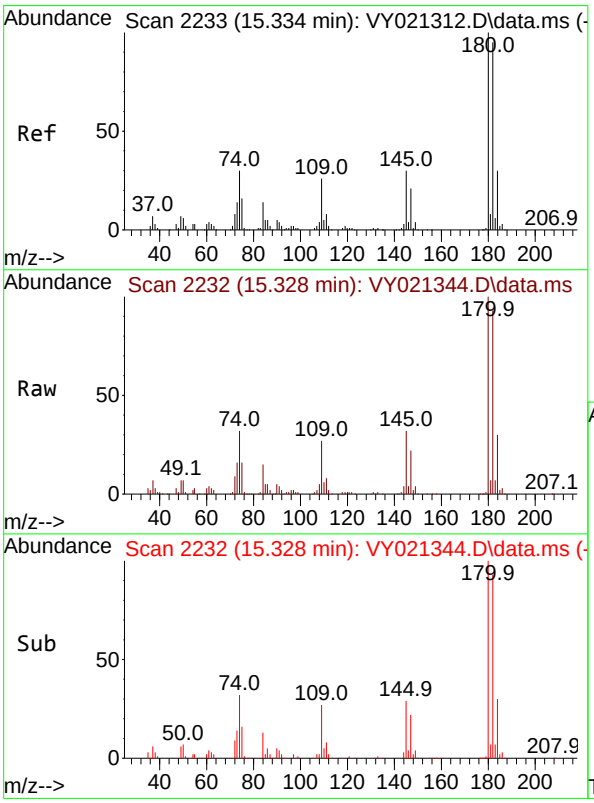
#95
Naphthalene
Concen: 50.863 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 230889

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.9	8.5	12.7





#96
1,2,3-Trichlorobenzene
Concen: 47.484 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:180 Resp: 109952

Ion	Ratio	Lower	Upper
180	100		
182	93.9	48.3	144.9
145	31.9	16.1	48.3